284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# DATA PACKAGE

VOLATILE ORGANICS

**PROJECT NAME : DOVER**

**G ENVIRONMENTAL**

**8 Carriage Ln**

**Succasunna, NJ - 07876**

**Phone No: 973-294-1771**

**ORDER ID : Q2056**

**ATTENTION : Gary Landis**

**Laboratory Certification ID # 20012**

Table Of Contents for Q2056

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# Cover Page

**Order ID :** Q2056

**Project ID :** Dover

**Client :** G Environmental

| Lab Sample Number | Client Sample Number |
|---|---|
| Q2056-01 | GVD11 |
| Q2056-02 | GVD12 |
| Q2056-03 | GVD13 |
| Q2056-04 | GVD14 |
| Q2056-05 | GVD15 |

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
*By Nimisha Pandya, QA/QC Supervisor at 10:55 am, May 27, 2025*

Date: 5/23/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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# CASE NARRATIVE

**G Environmental**
**Project Name: Dover**
**Project # N/A**
**Order ID # Q2056**
**Test Name: VOCMS Group1**

**A. Number of Samples and Date of Receipt:**
5 Solid samples were received on 05/15/2025.

**B. Parameters**
According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

**C. Analytical Techniques:**
The analysis perform ed on instrument MSVOA_Y were done using GC colu mn Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #138 68.The analysis of VOCMS Group1 was based on method 8260D.

**D. QA/ QC Samples:**
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria.

The Blank Spike for {VY0519SBS01} with File ID: VY022305.D met requirements for all samples except for Bromomethane[160%], Chloroethane[145%], Chloromethane[133%] and Vinyl chloride[134%] are failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike Duplicate for {VY0519SBSD01} with File ID: VY022306.D met requirements for all samples except for Bromomethane[160%], Chloroethane[148%], Chloromethane[134%] and Vinyl chloride[135%] are failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike for {VY0520SBS01} with File ID: VY022331.D met requirements for all samples except for Bromomethane[190%], Chloroethane[175%], Chloromethane[149%] and Vinyl chloride[153%] are failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike for {VY0521SBS01} with File ID: VY022356.D met requirements for all samples except for Bromomethane[186%], Chloroethane[165%],

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Chloromethane[135%] and Vinyl chloride[137%] are failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID VY022303.D met the requirements except for Acetone is failing marginally low therefore no corrective action taken.

The Continuous Calibration File ID VY022329.D met the requirements except for Chloroethane and Vinyl Chloride are failing high but no positive hit in associate sample therefore no corrective action taken.

The Continuous Calibration File ID VY022354.D met the requirements except for Bromomethane,Chloroethane and Vinyl Chloride are failing high but no positive hit in associate sample therefore no corrective action taken and Acetone is failing marginally low therefore no corrective action taken.

The Tuning criteria met requirements.

**E. Additional Comments:**
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is >20% for the Initial Calibration curve for SW-846 analysis.

**F. Manual Integration Comments:**
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

I certify that the data p ackage is in compliance with the te rms and conditions of the contract, both technically and for com pleteness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ **APPROVED**
*By Nimisha Pandya, QA/QC Supervisor at 10:56 am, May 27, 2025*

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908-789-8900 Fax: 908-789-8922

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

| | |
|---|---|
| Value | If the result is a value greater than or equal to the detection limit, report the value |
| **U** | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required. |
| **ND** | Indicates the analyte was analyzed for, but not detected |
| **J** | Indicates an estimated value**.** This flag is used:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others. |
| **B** | Indicates the analyte was found in the blank as well as the sample report as "12 B". |
| **E** | Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis. |
| **D** | This flag identifies all compounds identified in an analysis at a secondary dilution factor. |
| **P** | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P". |
| **N** | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used. |
| **A** | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product. |
| **Q** | Indicates the LCS did not meet the control limits requirements |

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## APPENDIX A

## QA REVIEW GENERAL DOCUMENTATION

**Project #:** Q2056

| | Completed |
|---|---|
| **For thorough review, the report must have the following:** | |
| **GENERAL:** | |
| **Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)** | ✓ |
| **Check chain-of-custody for proper relinquish/return of samples** | ✓ |
| **Is the chain of custody signed and complete** | ✓ |
| **Check internal chain-of-custody for proper relinquish/return of samples /sample extracts** | ✓ |
| **Collect information for each project id from server. Were all requirements followed** | ✓ |
| **COVER PAGE:** | |
| **Do numbers of samples correspond to the number of samples in the Chain of Custody on login page** | ✓ |
| **Do lab numbers and client Ids on cover page agree with the Chain of Custody** | ✓ |
| **CHAIN OF CUSTODY:** | |
| **Do requested analyses on Chain of Custody agree with form I results** | ✓ |
| **Do requested analyses on Chain of Custody agree with the log-in page** | ✓ |
| **Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody** | ✓ |
| **Were the samples received within hold time** | ✓ |
| **Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle** | ✓ |
| **ANALYTICAL:** | |
| **Was method requirement followed?** | ✓ |
| **Was client requirement followed?** | ✓ |
| **Does the case narrative summarize all QC failure?** | ✓ |
| **All runlogs and manual integration are reviewed for requirements** | ✓ |
| **All manual calculations and /or hand notations verified** | ✓ |

**QA Review Signature:** SOHIL JODHANI **Date:** 05/23/2025

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2056

**Client:** G Environmental

| Sample ID | Client ID | Matrix | Parameter | | Concentration | | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|---|
| **Client ID:** | **GVD11** | | | | | | | | | |
| Q2056-01 | GVD11 | SOIL | Toluene | | 1.50 | | J | 0.73 | 4.70 | ug/Kg |
| Q2056-01 | GVD11 | SOIL | m/p-Xylenes | | 1.30 | | J | 1.20 | 9.40 | ug/Kg |
| | | | **Total Voc :** | | | 2.80 | | | | |
| | | | **Total Concentration:** | | | 2.80 | | | | |
| **Client ID:** | **GVD12** | | | | | | | | | |
| Q2056-02 | GVD12 | SOIL | m/p-Xylenes | | 1.30 | | J | 0.99 | 8.00 | ug/Kg |
| | | | **Total Voc :** | | | 1.30 | | | | |
| | | | **Total Concentration:** | | | 1.30 | | | | |
| **Client ID:** | **GVD13** | | | | | | | | | |
| Q2056-03 | GVD13 | SOIL | Acetone | | 6.30 | | J | 3.40 | 18.2 | ug/Kg |
| | | | **Total Voc :** | | | 6.30 | | | | |
| | | | **Total Concentration:** | | | 6.30 | | | | |
| **Client ID:** | **GVD14** | | | | | | | | | |
| Q2056-04 | GVD14 | SOIL | unknown1.812 | * | 15.7 | | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | | 15.7 | | | | |
| | | | **Total Concentration:** | | | 15.7 | | | | |

# SAMPLE DATA

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 05/15/25 |
| Project: | Dover | Date Received: | 05/15/25 |
| Client Sample ID: | GVD11 | SDG No.: | Q2056 |
| Lab Sample ID: | Q2056-01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 96.1 |
| Sample Wt/Vol: | 5.56 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022326.D | 1 | | 05/19/25 18:06 | VY051925 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 74-87-3 | Chloromethane | 1.10 | UQ | 1.10 | 4.70 | ug/Kg |
| 75-01-4 | Vinyl Chloride | 0.74 | UQ | 0.74 | 4.70 | ug/Kg |
| 74-83-9 | Bromomethane | 1.00 | UQ | 1.00 | 4.70 | ug/Kg |
| 75-00-3 | Chloroethane | 1.20 | UQ | 1.20 | 4.70 | ug/Kg |
| 75-65-0 | Tert butyl alcohol | 12.8 | U | 12.8 | 23.4 | ug/Kg |
| 75-35-4 | 1,1-Dichloroethene | 0.94 | U | 0.94 | 4.70 | ug/Kg |
| 67-64-1 | Acetone | 4.40 | U | 4.40 | 23.4 | ug/Kg |
| 75-15-0 | Carbon Disulfide | 0.99 | U | 0.99 | 4.70 | ug/Kg |
| 1634-04-4 | Methyl tert-butyl Ether | 0.68 | U | 0.68 | 4.70 | ug/Kg |
| 75-09-2 | Methylene Chloride | 3.30 | U | 3.30 | 9.40 | ug/Kg |
| 156-60-5 | trans-1,2-Dichloroethene | 0.80 | U | 0.80 | 4.70 | ug/Kg |
| 75-34-3 | 1,1-Dichloroethane | 0.75 | U | 0.75 | 4.70 | ug/Kg |
| 78-93-3 | 2-Butanone | 6.10 | U | 6.10 | 23.4 | ug/Kg |
| 56-23-5 | Carbon Tetrachloride | 0.91 | U | 0.91 | 4.70 | ug/Kg |
| 156-59-2 | cis-1,2-Dichloroethene | 0.70 | U | 0.70 | 4.70 | ug/Kg |
| 67-66-3 | Chloroform | 0.79 | U | 0.79 | 4.70 | ug/Kg |
| 71-55-6 | 1,1,1-Trichloroethane | 0.87 | U | 0.87 | 4.70 | ug/Kg |
| 71-43-2 | Benzene | 0.74 | U | 0.74 | 4.70 | ug/Kg |
| 107-06-2 | 1,2-Dichloroethane | 0.74 | U | 0.74 | 4.70 | ug/Kg |
| 79-01-6 | Trichloroethene | 0.76 | U | 0.76 | 4.70 | ug/Kg |
| 78-87-5 | 1,2-Dichloropropane | 0.85 | U | 0.85 | 4.70 | ug/Kg |
| 75-27-4 | Bromodichloromethane | 0.73 | U | 0.73 | 4.70 | ug/Kg |
| 108-10-1 | 4-Methyl-2-Pentanone | 3.40 | U | 3.40 | 23.4 | ug/Kg |
| 108-88-3 | Toluene | 1.50 | J | 0.73 | 4.70 | ug/Kg |
| 10061-02-6 | t-1,3-Dichloropropene | 0.61 | U | 0.61 | 4.70 | ug/Kg |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.58 | U | 0.58 | 4.70 | ug/Kg |
| 79-00-5 | 1,1,2-Trichloroethane | 0.86 | U | 0.86 | 4.70 | ug/Kg |
| 591-78-6 | 2-Hexanone | 3.50 | U | 3.50 | 23.4 | ug/Kg |
| 124-48-1 | Dibromochloromethane | 0.81 | U | 0.81 | 4.70 | ug/Kg |
| 127-18-4 | Tetrachloroethene | 0.98 | U | 0.98 | 4.70 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 05/15/25 |
| Project: | Dover | Date Received: | 05/15/25 |
| Client Sample ID: | GVD11 | SDG No.: | Q2056 |
| Lab Sample ID: | Q2056-01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 96.1 |
| Sample Wt/Vol: | 5.56 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022326.D | 1 | | 05/19/25 18:06 | VY051925 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | 0.85 | U | 0.85 | 4.70 | ug/Kg |
| 100-41-4 | Ethyl Benzene | 0.63 | U | 0.63 | 4.70 | ug/Kg |
| 179601-23-1 | m/p-Xylenes | 1.30 | J | 1.20 | 9.40 | ug/Kg |
| 95-47-6 | o-Xylene | 0.77 | U | 0.77 | 4.70 | ug/Kg |
| 100-42-5 | Styrene | 0.66 | U | 0.66 | 4.70 | ug/Kg |
| 75-25-2 | Bromoform | 0.80 | U | 0.80 | 4.70 | ug/Kg |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.10 | U | 1.10 | 4.70 | ug/Kg |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 48.4 | | 63 - 155 | 97% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 49.2 | | 70 - 134 | 98% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 47.9 | | 74 - 123 | 96% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 35.0 | | 38 - 136 | 70% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 223000 | 7.707 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 407000 | 8.61 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 303000 | 11.414 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 89900 | 13.347 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 05/15/25 |
| Project: | Dover | Date Received: | 05/15/25 |
| Client Sample ID: | GVD12 | SDG No.: | Q2056 |
| Lab Sample ID: | Q2056-02 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 91.9 |
| Sample Wt/Vol: | 6.82 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022336.D | 1 | | 05/20/25 12:38 | VY052025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 74-87-3 | Chloromethane | 0.91 | UQ | 0.91 | 4.00 | ug/Kg |
| 75-01-4 | Vinyl Chloride | 0.63 | UQ | 0.63 | 4.00 | ug/Kg |
| 74-83-9 | Bromomethane | 0.85 | UQ | 0.85 | 4.00 | ug/Kg |
| 75-00-3 | Chloroethane | 1.00 | UQ | 1.00 | 4.00 | ug/Kg |
| 75-65-0 | Tert butyl alcohol | 10.9 | U | 10.9 | 19.9 | ug/Kg |
| 75-35-4 | 1,1-Dichloroethene | 0.80 | U | 0.80 | 4.00 | ug/Kg |
| 67-64-1 | Acetone | 3.80 | U | 3.80 | 19.9 | ug/Kg |
| 75-15-0 | Carbon Disulfide | 0.85 | U | 0.85 | 4.00 | ug/Kg |
| 1634-04-4 | Methyl tert-butyl Ether | 0.58 | U | 0.58 | 4.00 | ug/Kg |
| 75-09-2 | Methylene Chloride | 2.80 | U | 2.80 | 8.00 | ug/Kg |
| 156-60-5 | trans-1,2-Dichloroethene | 0.69 | U | 0.69 | 4.00 | ug/Kg |
| 75-34-3 | 1,1-Dichloroethane | 0.64 | U | 0.64 | 4.00 | ug/Kg |
| 78-93-3 | 2-Butanone | 5.20 | U | 5.20 | 19.9 | ug/Kg |
| 56-23-5 | Carbon Tetrachloride | 0.77 | U | 0.77 | 4.00 | ug/Kg |
| 156-59-2 | cis-1,2-Dichloroethene | 0.60 | U | 0.60 | 4.00 | ug/Kg |
| 67-66-3 | Chloroform | 0.67 | U | 0.67 | 4.00 | ug/Kg |
| 71-55-6 | 1,1,1-Trichloroethane | 0.74 | U | 0.74 | 4.00 | ug/Kg |
| 71-43-2 | Benzene | 0.63 | U | 0.63 | 4.00 | ug/Kg |
| 107-06-2 | 1,2-Dichloroethane | 0.63 | U | 0.63 | 4.00 | ug/Kg |
| 79-01-6 | Trichloroethene | 0.65 | U | 0.65 | 4.00 | ug/Kg |
| 78-87-5 | 1,2-Dichloropropane | 0.73 | U | 0.73 | 4.00 | ug/Kg |
| 75-27-4 | Bromodichloromethane | 0.62 | U | 0.62 | 4.00 | ug/Kg |
| 108-10-1 | 4-Methyl-2-Pentanone | 2.90 | U | 2.90 | 19.9 | ug/Kg |
| 108-88-3 | Toluene | 0.62 | U | 0.62 | 4.00 | ug/Kg |
| 10061-02-6 | t-1,3-Dichloropropene | 0.52 | U | 0.52 | 4.00 | ug/Kg |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.49 | U | 0.49 | 4.00 | ug/Kg |
| 79-00-5 | 1,1,2-Trichloroethane | 0.73 | U | 0.73 | 4.00 | ug/Kg |
| 591-78-6 | 2-Hexanone | 2.90 | U | 2.90 | 19.9 | ug/Kg |
| 124-48-1 | Dibromochloromethane | 0.69 | U | 0.69 | 4.00 | ug/Kg |
| 127-18-4 | Tetrachloroethene | 0.84 | U | 0.84 | 4.00 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 05/15/25 |
| Project: | Dover | Date Received: | 05/15/25 |
| Client Sample ID: | GVD12 | SDG No.: | Q2056 |
| Lab Sample ID: | Q2056-02 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 91.9 |
| Sample Wt/Vol: | 6.82 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022336.D | 1 | | 05/20/25 12:38 | VY052025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | 0.73 | U | 0.73 | 4.00 | ug/Kg |
| 100-41-4 | Ethyl Benzene | 0.53 | U | 0.53 | 4.00 | ug/Kg |
| 179601-23-1 | m/p-Xylenes | 1.30 | J | 0.99 | 8.00 | ug/Kg |
| 95-47-6 | o-Xylene | 0.65 | U | 0.65 | 4.00 | ug/Kg |
| 100-42-5 | Styrene | 0.57 | U | 0.57 | 4.00 | ug/Kg |
| 75-25-2 | Bromoform | 0.69 | U | 0.69 | 4.00 | ug/Kg |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.97 | U | 0.97 | 4.00 | ug/Kg |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 45.2 | | 63 - 155 | 90% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 48.6 | | 70 - 134 | 97% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 48.3 | | 74 - 123 | 97% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 37.4 | | 38 - 136 | 75% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 270000 | 7.707 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 482000 | 8.615 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 373000 | 11.414 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 129000 | 13.346 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 05/15/25 |
| Project: | Dover | Date Received: | 05/15/25 |
| Client Sample ID: | GVD13 | SDG No.: | Q2056 |
| Lab Sample ID: | Q2056-03 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 86.5 |
| Sample Wt/Vol: | 7.95 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022337.D | 1 | | 05/20/25 13:01 | VY052025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 74-87-3 | Chloromethane | 0.83 | UQ | 0.83 | 3.60 | ug/Kg |
| 75-01-4 | Vinyl Chloride | 0.57 | UQ | 0.57 | 3.60 | ug/Kg |
| 74-83-9 | Bromomethane | 0.78 | UQ | 0.78 | 3.60 | ug/Kg |
| 75-00-3 | Chloroethane | 0.92 | UQ | 0.92 | 3.60 | ug/Kg |
| 75-65-0 | Tert butyl alcohol | 10.0 | U | 10.0 | 18.2 | ug/Kg |
| 75-35-4 | 1,1-Dichloroethene | 0.73 | U | 0.73 | 3.60 | ug/Kg |
| 67-64-1 | Acetone | 6.30 | J | 3.40 | 18.2 | ug/Kg |
| 75-15-0 | Carbon Disulfide | 0.77 | U | 0.77 | 3.60 | ug/Kg |
| 1634-04-4 | Methyl tert-butyl Ether | 0.53 | U | 0.53 | 3.60 | ug/Kg |
| 75-09-2 | Methylene Chloride | 2.60 | U | 2.60 | 7.30 | ug/Kg |
| 156-60-5 | trans-1,2-Dichloroethene | 0.63 | U | 0.63 | 3.60 | ug/Kg |
| 75-34-3 | 1,1-Dichloroethane | 0.58 | U | 0.58 | 3.60 | ug/Kg |
| 78-93-3 | 2-Butanone | 4.80 | U | 4.80 | 18.2 | ug/Kg |
| 56-23-5 | Carbon Tetrachloride | 0.71 | U | 0.71 | 3.60 | ug/Kg |
| 156-59-2 | cis-1,2-Dichloroethene | 0.55 | U | 0.55 | 3.60 | ug/Kg |
| 67-66-3 | Chloroform | 0.61 | U | 0.61 | 3.60 | ug/Kg |
| 71-55-6 | 1,1,1-Trichloroethane | 0.68 | U | 0.68 | 3.60 | ug/Kg |
| 71-43-2 | Benzene | 0.57 | U | 0.57 | 3.60 | ug/Kg |
| 107-06-2 | 1,2-Dichloroethane | 0.57 | U | 0.57 | 3.60 | ug/Kg |
| 79-01-6 | Trichloroethene | 0.59 | U | 0.59 | 3.60 | ug/Kg |
| 78-87-5 | 1,2-Dichloropropane | 0.66 | U | 0.66 | 3.60 | ug/Kg |
| 75-27-4 | Bromodichloromethane | 0.57 | U | 0.57 | 3.60 | ug/Kg |
| 108-10-1 | 4-Methyl-2-Pentanone | 2.60 | U | 2.60 | 18.2 | ug/Kg |
| 108-88-3 | Toluene | 0.57 | U | 0.57 | 3.60 | ug/Kg |
| 10061-02-6 | t-1,3-Dichloropropene | 0.47 | U | 0.47 | 3.60 | ug/Kg |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.45 | U | 0.45 | 3.60 | ug/Kg |
| 79-00-5 | 1,1,2-Trichloroethane | 0.67 | U | 0.67 | 3.60 | ug/Kg |
| 591-78-6 | 2-Hexanone | 2.70 | U | 2.70 | 18.2 | ug/Kg |
| 124-48-1 | Dibromochloromethane | 0.63 | U | 0.63 | 3.60 | ug/Kg |
| 127-18-4 | Tetrachloroethene | 0.76 | U | 0.76 | 3.60 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 05/15/25 |
| Project: | Dover | Date Received: | 05/15/25 |
| Client Sample ID: | GVD13 | SDG No.: | Q2056 |
| Lab Sample ID: | Q2056-03 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 86.5 |
| Sample Wt/Vol: | 7.95 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022337.D | 1 | | 05/20/25 13:01 | VY052025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | 0.66 | U | 0.66 | 3.60 | ug/Kg |
| 100-41-4 | Ethyl Benzene | 0.49 | U | 0.49 | 3.60 | ug/Kg |
| 179601-23-1 | m/p-Xylenes | 0.90 | U | 0.90 | 7.30 | ug/Kg |
| 95-47-6 | o-Xylene | 0.60 | U | 0.60 | 3.60 | ug/Kg |
| 100-42-5 | Styrene | 0.52 | U | 0.52 | 3.60 | ug/Kg |
| 75-25-2 | Bromoform | 0.63 | U | 0.63 | 3.60 | ug/Kg |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.88 | U | 0.88 | 3.60 | ug/Kg |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 47.5 | | 63 - 155 | 95% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 48.8 | | 70 - 134 | 98% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 48.6 | | 74 - 123 | 97% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 36.8 | | 38 - 136 | 74% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 245000 | 7.707 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 432000 | 8.616 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 328000 | 11.414 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 107000 | 13.347 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 05/15/25 |
| Project: | Dover | Date Received: | 05/15/25 |
| Client Sample ID: | GVD14 | SDG No.: | Q2056 |
| Lab Sample ID: | Q2056-04 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 81.8 |
| Sample Wt/Vol: | 6.57 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022338.D | 1 | | 05/20/25 13:25 | VY052025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 74-87-3 | Chloromethane | 1.10 | UQ | 1.10 | 4.70 | ug/Kg |
| 75-01-4 | Vinyl Chloride | 0.73 | UQ | 0.73 | 4.70 | ug/Kg |
| 74-83-9 | Bromomethane | 1.00 | UQ | 1.00 | 4.70 | ug/Kg |
| 75-00-3 | Chloroethane | 1.20 | UQ | 1.20 | 4.70 | ug/Kg |
| 75-65-0 | Tert butyl alcohol | 12.7 | U | 12.7 | 23.3 | ug/Kg |
| 75-35-4 | 1,1-Dichloroethene | 0.93 | U | 0.93 | 4.70 | ug/Kg |
| 67-64-1 | Acetone | 4.40 | U | 4.40 | 23.3 | ug/Kg |
| 75-15-0 | Carbon Disulfide | 0.99 | U | 0.99 | 4.70 | ug/Kg |
| 1634-04-4 | Methyl tert-butyl Ether | 0.68 | U | 0.68 | 4.70 | ug/Kg |
| 75-09-2 | Methylene Chloride | 3.30 | U | 3.30 | 9.30 | ug/Kg |
| 156-60-5 | trans-1,2-Dichloroethene | 0.80 | U | 0.80 | 4.70 | ug/Kg |
| 75-34-3 | 1,1-Dichloroethane | 0.74 | U | 0.74 | 4.70 | ug/Kg |
| 78-93-3 | 2-Butanone | 6.10 | U | 6.10 | 23.3 | ug/Kg |
| 56-23-5 | Carbon Tetrachloride | 0.90 | U | 0.90 | 4.70 | ug/Kg |
| 156-59-2 | cis-1,2-Dichloroethene | 0.70 | U | 0.70 | 4.70 | ug/Kg |
| 67-66-3 | Chloroform | 0.78 | U | 0.78 | 4.70 | ug/Kg |
| 71-55-6 | 1,1,1-Trichloroethane | 0.87 | U | 0.87 | 4.70 | ug/Kg |
| 71-43-2 | Benzene | 0.73 | U | 0.73 | 4.70 | ug/Kg |
| 107-06-2 | 1,2-Dichloroethane | 0.73 | U | 0.73 | 4.70 | ug/Kg |
| 79-01-6 | Trichloroethene | 0.75 | U | 0.75 | 4.70 | ug/Kg |
| 78-87-5 | 1,2-Dichloropropane | 0.85 | U | 0.85 | 4.70 | ug/Kg |
| 75-27-4 | Bromodichloromethane | 0.73 | U | 0.73 | 4.70 | ug/Kg |
| 108-10-1 | 4-Methyl-2-Pentanone | 3.30 | U | 3.30 | 23.3 | ug/Kg |
| 108-88-3 | Toluene | 0.73 | U | 0.73 | 4.70 | ug/Kg |
| 10061-02-6 | t-1,3-Dichloropropene | 0.60 | U | 0.60 | 4.70 | ug/Kg |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.58 | U | 0.58 | 4.70 | ug/Kg |
| 79-00-5 | 1,1,2-Trichloroethane | 0.86 | U | 0.86 | 4.70 | ug/Kg |
| 591-78-6 | 2-Hexanone | 3.40 | U | 3.40 | 23.3 | ug/Kg |
| 124-48-1 | Dibromochloromethane | 0.81 | U | 0.81 | 4.70 | ug/Kg |
| 127-18-4 | Tetrachloroethene | 0.98 | U | 0.98 | 4.70 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 05/15/25 |
| Project: | Dover | Date Received: | 05/15/25 |
| Client Sample ID: | GVD14 | SDG No.: | Q2056 |
| Lab Sample ID: | Q2056-04 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 81.8 |
| Sample Wt/Vol: | 6.57 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022338.D | 1 | | 05/20/25 13:25 | VY052025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | 0.85 | U | 0.85 | 4.70 | ug/Kg |
| 100-41-4 | Ethyl Benzene | 0.62 | U | 0.62 | 4.70 | ug/Kg |
| 179601-23-1 | m/p-Xylenes | 1.20 | U | 1.20 | 9.30 | ug/Kg |
| 95-47-6 | o-Xylene | 0.76 | U | 0.76 | 4.70 | ug/Kg |
| 100-42-5 | Styrene | 0.66 | U | 0.66 | 4.70 | ug/Kg |
| 75-25-2 | Bromoform | 0.80 | U | 0.80 | 4.70 | ug/Kg |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.10 | U | 1.10 | 4.70 | ug/Kg |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 49.3 | | 63 - 155 | 99% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 50.4 | | 70 - 134 | 101% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 49.2 | | 74 - 123 | 98% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 37.0 | | 38 - 136 | 74% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 241000 | 7.707 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 423000 | 8.616 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 328000 | 11.414 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 112000 | 13.346 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |
| | unknown1.812 | 15.7 | J | | 1.81 | ug/Kg |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 05/15/25 |
| Project: | Dover | Date Received: | 05/15/25 |
| Client Sample ID: | GVD15 | SDG No.: | Q2056 |
| Lab Sample ID: | Q2056-05 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 84 |
| Sample Wt/Vol: | 6.92 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022358.D | 1 | | 05/21/25 11:37 | VY052125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 74-87-3 | Chloromethane | 0.98 | UQ | 0.98 | 4.30 | ug/Kg |
| 75-01-4 | Vinyl Chloride | 0.68 | UQ | 0.68 | 4.30 | ug/Kg |
| 74-83-9 | Bromomethane | 0.92 | UQ | 0.92 | 4.30 | ug/Kg |
| 75-00-3 | Chloroethane | 1.10 | UQ | 1.10 | 4.30 | ug/Kg |
| 75-65-0 | Tert butyl alcohol | 11.8 | U | 11.8 | 21.5 | ug/Kg |
| 75-35-4 | 1,1-Dichloroethene | 0.86 | U | 0.86 | 4.30 | ug/Kg |
| 67-64-1 | Acetone | 4.10 | U | 4.10 | 21.5 | ug/Kg |
| 75-15-0 | Carbon Disulfide | 0.91 | U | 0.91 | 4.30 | ug/Kg |
| 1634-04-4 | Methyl tert-butyl Ether | 0.63 | U | 0.63 | 4.30 | ug/Kg |
| 75-09-2 | Methylene Chloride | 3.00 | U | 3.00 | 8.60 | ug/Kg |
| 156-60-5 | trans-1,2-Dichloroethene | 0.74 | U | 0.74 | 4.30 | ug/Kg |
| 75-34-3 | 1,1-Dichloroethane | 0.69 | U | 0.69 | 4.30 | ug/Kg |
| 78-93-3 | 2-Butanone | 5.60 | U | 5.60 | 21.5 | ug/Kg |
| 56-23-5 | Carbon Tetrachloride | 0.83 | U | 0.83 | 4.30 | ug/Kg |
| 156-59-2 | cis-1,2-Dichloroethene | 0.65 | U | 0.65 | 4.30 | ug/Kg |
| 67-66-3 | Chloroform | 0.72 | U | 0.72 | 4.30 | ug/Kg |
| 71-55-6 | 1,1,1-Trichloroethane | 0.80 | U | 0.80 | 4.30 | ug/Kg |
| 71-43-2 | Benzene | 0.68 | U | 0.68 | 4.30 | ug/Kg |
| 107-06-2 | 1,2-Dichloroethane | 0.68 | U | 0.68 | 4.30 | ug/Kg |
| 79-01-6 | Trichloroethene | 0.70 | U | 0.70 | 4.30 | ug/Kg |
| 78-87-5 | 1,2-Dichloropropane | 0.78 | U | 0.78 | 4.30 | ug/Kg |
| 75-27-4 | Bromodichloromethane | 0.67 | U | 0.67 | 4.30 | ug/Kg |
| 108-10-1 | 4-Methyl-2-Pentanone | 3.10 | U | 3.10 | 21.5 | ug/Kg |
| 108-88-3 | Toluene | 0.67 | U | 0.67 | 4.30 | ug/Kg |
| 10061-02-6 | t-1,3-Dichloropropene | 0.56 | U | 0.56 | 4.30 | ug/Kg |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.53 | U | 0.53 | 4.30 | ug/Kg |
| 79-00-5 | 1,1,2-Trichloroethane | 0.79 | U | 0.79 | 4.30 | ug/Kg |
| 591-78-6 | 2-Hexanone | 3.20 | U | 3.20 | 21.5 | ug/Kg |
| 124-48-1 | Dibromochloromethane | 0.75 | U | 0.75 | 4.30 | ug/Kg |
| 127-18-4 | Tetrachloroethene | 0.90 | U | 0.90 | 4.30 | ug/Kg |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 05/15/25 |
| Project: | Dover | Date Received: | 05/15/25 |
| Client Sample ID: | GVD15 | SDG No.: | Q2056 |
| Lab Sample ID: | Q2056-05 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 84 |
| Sample Wt/Vol: | 6.92 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022358.D | 1 | | 05/21/25 11:37 | VY052125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | 0.78 | U | 0.78 | 4.30 | ug/Kg |
| 100-41-4 | Ethyl Benzene | 0.58 | U | 0.58 | 4.30 | ug/Kg |
| 179601-23-1 | m/p-Xylenes | 1.10 | U | 1.10 | 8.60 | ug/Kg |
| 95-47-6 | o-Xylene | 0.71 | U | 0.71 | 4.30 | ug/Kg |
| 100-42-5 | Styrene | 0.61 | U | 0.61 | 4.30 | ug/Kg |
| 75-25-2 | Bromoform | 0.74 | U | 0.74 | 4.30 | ug/Kg |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.00 | U | 1.00 | 4.30 | ug/Kg |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 48.5 | | 63 - 155 | 97% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 51.2 | | 70 - 134 | 102% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 47.1 | | 74 - 123 | 94% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 27.8 | | 38 - 136 | 56% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 237000 | 7.713 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 412000 | 8.622 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 278000 | 11.42 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 64000 | 13.353 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

# QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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## Surrogate Summary

**SDG No.:** Q2056

**Client:** G Environmental

**Analytical Method:** SW8260D

| Lab Sample ID | Client ID | Parameter | Spike | Result | RecoveryQual | Limits Low | Limits High |
|---|---|---|---|---|---|---|---|
| Q2056-01 | GVD11 | 1,2-Dichloroethane-d4 | 50 | 48.4 | 97 | 63 | 155 |
| | | Dibromofluoromethane | 50 | 49.2 | 98 | 70 | 134 |
| | | Toluene-d8 | 50 | 47.9 | 96 | 74 | 123 |
| | | 4-Bromofluorobenzene | 50 | 35.0 | 70 | 38 | 136 |
| Q2056-02 | GVD12 | 1,2-Dichloroethane-d4 | 50 | 45.2 | 90 | 63 | 155 |
| | | Dibromofluoromethane | 50 | 48.6 | 97 | 70 | 134 |
| | | Toluene-d8 | 50 | 48.3 | 97 | 74 | 123 |
| | | 4-Bromofluorobenzene | 50 | 37.4 | 75 | 38 | 136 |
| Q2056-03 | GVD13 | 1,2-Dichloroethane-d4 | 50 | 47.5 | 95 | 63 | 155 |
| | | Dibromofluoromethane | 50 | 48.8 | 98 | 70 | 134 |
| | | Toluene-d8 | 50 | 48.6 | 97 | 74 | 123 |
| | | 4-Bromofluorobenzene | 50 | 36.8 | 74 | 38 | 136 |
| Q2056-04 | GVD14 | 1,2-Dichloroethane-d4 | 50 | 49.3 | 99 | 63 | 155 |
| | | Dibromofluoromethane | 50 | 50.4 | 101 | 70 | 134 |
| | | Toluene-d8 | 50 | 49.2 | 98 | 74 | 123 |
| | | 4-Bromofluorobenzene | 50 | 37.0 | 74 | 38 | 136 |
| Q2056-05 | GVD15 | 1,2-Dichloroethane-d4 | 50 | 48.5 | 97 | 63 | 155 |
| | | Dibromofluoromethane | 50 | 51.2 | 102 | 70 | 134 |
| | | Toluene-d8 | 50 | 47.1 | 94 | 74 | 123 |
| | | 4-Bromofluorobenzene | 50 | 27.8 | 56 | 38 | 136 |
| VY0519SBL01 | VY0519SBL01 | 1,2-Dichloroethane-d4 | 50 | 41.1 | 82 | 63 | 155 |
| | | Dibromofluoromethane | 50 | 47.5 | 95 | 70 | 134 |
| | | Toluene-d8 | 50 | 48.8 | 98 | 74 | 123 |
| | | 4-Bromofluorobenzene | 50 | 37.7 | 75 | 38 | 136 |
| VY0519SBS01 | VY0519SBS01 | 1,2-Dichloroethane-d4 | 50 | 51.3 | 103 | 63 | 155 |
| | | Dibromofluoromethane | 50 | 51.0 | 102 | 70 | 134 |
| | | Toluene-d8 | 50 | 51.1 | 102 | 74 | 123 |
| | | 4-Bromofluorobenzene | 50 | 48.5 | 97 | 38 | 136 |
| VY0519SBSD01 | VY0519SBSD01 | 1,2-Dichloroethane-d4 | 50 | 50.5 | 101 | 63 | 155 |
| | | Dibromofluoromethane | 50 | 50.8 | 102 | 70 | 134 |
| | | Toluene-d8 | 50 | 51.2 | 102 | 74 | 123 |
| | | 4-Bromofluorobenzene | 50 | 47.5 | 95 | 38 | 136 |
| VY0520SBL01 | VY0520SBL01 | 1,2-Dichloroethane-d4 | 50 | 45.7 | 91 | 63 | 155 |
| | | Dibromofluoromethane | 50 | 48.4 | 97 | 70 | 134 |
| | | Toluene-d8 | 50 | 48.6 | 97 | 74 | 123 |
| | | 4-Bromofluorobenzene | 50 | 52.5 | 105 | 38 | 136 |
| VY0520SBS01 | VY0520SBS01 | 1,2-Dichloroethane-d4 | 50 | 52.8 | 106 | 63 | 155 |
| | | Dibromofluoromethane | 50 | 52.0 | 104 | 70 | 134 |
| | | Toluene-d8 | 50 | 51.5 | 103 | 74 | 123 |
| | | 4-Bromofluorobenzene | 50 | 47.7 | 95 | 38 | 136 |
| VY0521SBL01 | VY0521SBL01 | 1,2-Dichloroethane-d4 | 50 | 42.6 | 85 | 63 | 155 |
| | | Dibromofluoromethane | 50 | 48.1 | 96 | 70 | 134 |
| | | Toluene-d8 | 50 | 48.7 | 97 | 74 | 123 |
| | | 4-Bromofluorobenzene | 50 | 50.3 | 101 | 38 | 136 |
| VY0521SBS01 | VY0521SBS01 | 1,2-Dichloroethane-d4 | 50 | 48.2 | 96 | 63 | 155 |
| | | Dibromofluoromethane | 50 | 48.4 | 97 | 70 | 134 |
| | | Toluene-d8 | 50 | 47.9 | 96 | 74 | 123 |
| | | 4-Bromofluorobenzene | 50 | 45.4 | 91 | 38 | 136 |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2056

**Client:** G Environmental

**Analytical Method:** SW8260D **Datafile :** VY022305.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VY0519SBS01 | Chloromethane | 20 | 26.6 | ug/Kg | 133 | | * | 70 | 130 | |
| | Vinyl chloride | 20 | 26.8 | ug/Kg | 134 | | * | 72 | 129 | |
| | Bromomethane | 20 | 32.0 | ug/Kg | 160 | | * | 58 | 141 | |
| | Chloroethane | 20 | 29.0 | ug/Kg | 145 | | * | 69 | 130 | |
| | Tert butyl alcohol | 100 | 97.3 | ug/Kg | 97 | | | 24 | 175 | |
| | 1,1-Dichloroethene | 20 | 20.8 | ug/Kg | 104 | | | 79 | 121 | |
| | Acetone | 100 | 88.8 | ug/Kg | 89 | | | 60 | 131 | |
| | Carbon disulfide | 20 | 20.8 | ug/Kg | 104 | | | 45 | 154 | |
| | Methyl tert-butyl Ether | 20 | 20.5 | ug/Kg | 103 | | | 77 | 129 | |
| | Methylene Chloride | 20 | 18.7 | ug/Kg | 94 | | | 56 | 174 | |
| | trans-1,2-Dichloroethene | 20 | 20.4 | ug/Kg | 102 | | | 80 | 123 | |
| | 1,1-Dichloroethane | 20 | 20.3 | ug/Kg | 102 | | | 82 | 123 | |
| | 2-Butanone | 100 | 90.9 | ug/Kg | 91 | | | 69 | 131 | |
| | Carbon Tetrachloride | 20 | 20.7 | ug/Kg | 104 | | | 76 | 129 | |
| | cis-1,2-Dichloroethene | 20 | 20.5 | ug/Kg | 103 | | | 82 | 123 | |
| | Chloroform | 20 | 20.9 | ug/Kg | 104 | | | 82 | 125 | |
| | 1,1,1-Trichloroethane | 20 | 21.2 | ug/Kg | 106 | | | 80 | 126 | |
| | Benzene | 20 | 20.2 | ug/Kg | 101 | | | 84 | 121 | |
| | 1,2-Dichloroethane | 20 | 20.3 | ug/Kg | 102 | | | 81 | 126 | |
| | Trichloroethene | 20 | 20.4 | ug/Kg | 102 | | | 83 | 122 | |
| | 1,2-Dichloropropane | 20 | 19.8 | ug/Kg | 99 | | | 83 | 122 | |
| | Bromodichloromethane | 20 | 20.3 | ug/Kg | 102 | | | 82 | 123 | |
| | 4-Methyl-2-Pentanone | 100 | 95.8 | ug/Kg | 96 | | | 70 | 135 | |
| | Toluene | 20 | 19.9 | ug/Kg | 100 | | | 83 | 122 | |
| | t-1,3-Dichloropropene | 20 | 19.4 | ug/Kg | 97 | | | 78 | 124 | |
| | cis-1,3-Dichloropropene | 20 | 20.1 | ug/Kg | 101 | | | 81 | 122 | |
| | 1,1,2-Trichloroethane | 20 | 20.5 | ug/Kg | 103 | | | 82 | 125 | |
| | 2-Hexanone | 100 | 92.6 | ug/Kg | 93 | | | 66 | 138 | |
| | Dibromochloromethane | 20 | 20.3 | ug/Kg | 102 | | | 79 | 125 | |
| | Tetrachloroethene | 20 | 20.4 | ug/Kg | 102 | | | 83 | 125 | |
| | Chlorobenzene | 20 | 20.3 | ug/Kg | 102 | | | 84 | 122 | |
| | Ethyl Benzene | 20 | 19.8 | ug/Kg | 99 | | | 82 | 124 | |
| | m/p-Xylenes | 40 | 40.0 | ug/Kg | 100 | | | 83 | 124 | |
| | o-Xylene | 20 | 19.6 | ug/Kg | 98 | | | 83 | 123 | |
| | Styrene | 20 | 19.6 | ug/Kg | 98 | | | 82 | 124 | |
| | Bromoform | 20 | 19.7 | ug/Kg | 99 | | | 75 | 127 | |
| | 1,1,2,2-Tetrachloroethane | 20 | 20.4 | ug/Kg | 102 | | | 77 | 127 | |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2056

**Client:** G Environmental

**Analytical Method:** SW8260D **Datafile :** VY022306.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VY0519SBSD01 | Chloromethane | 20 | 26.7 | ug/Kg | 134 | 1 | * | 70 | 130 | 20 |
| | Vinyl chloride | 20 | 27.0 | ug/Kg | 135 | 1 | * | 72 | 129 | 20 |
| | Bromomethane | 20 | 32.1 | ug/Kg | 160 | 0 | * | 58 | 141 | 20 |
| | Chloroethane | 20 | 29.6 | ug/Kg | 148 | 2 | * | 69 | 130 | 20 |
| | Tert butyl alcohol | 100 | 95.3 | ug/Kg | 95 | 2 | | 24 | 175 | 20 |
| | 1,1-Dichloroethene | 20 | 21.7 | ug/Kg | 109 | 5 | | 79 | 121 | 20 |
| | Acetone | 100 | 83.4 | ug/Kg | 83 | 7 | | 60 | 131 | 20 |
| | Carbon disulfide | 20 | 21.2 | ug/Kg | 106 | 2 | | 45 | 154 | 20 |
| | Methyl tert-butyl Ether | 20 | 20.8 | ug/Kg | 104 | 1 | | 77 | 129 | 20 |
| | Methylene Chloride | 20 | 19.6 | ug/Kg | 98 | 4 | | 56 | 174 | 20 |
| | trans-1,2-Dichloroethene | 20 | 21.3 | ug/Kg | 106 | 4 | | 80 | 123 | 20 |
| | 1,1-Dichloroethane | 20 | 20.7 | ug/Kg | 104 | 2 | | 82 | 123 | 20 |
| | 2-Butanone | 100 | 92.1 | ug/Kg | 92 | 1 | | 69 | 131 | 20 |
| | Carbon Tetrachloride | 20 | 20.6 | ug/Kg | 103 | 1 | | 76 | 129 | 20 |
| | cis-1,2-Dichloroethene | 20 | 21.1 | ug/Kg | 106 | 3 | | 82 | 123 | 20 |
| | Chloroform | 20 | 21.5 | ug/Kg | 108 | 4 | | 82 | 125 | 20 |
| | 1,1,1-Trichloroethane | 20 | 21.0 | ug/Kg | 105 | 1 | | 80 | 126 | 20 |
| | Benzene | 20 | 20.7 | ug/Kg | 104 | 3 | | 84 | 121 | 20 |
| | 1,2-Dichloroethane | 20 | 20.2 | ug/Kg | 101 | 1 | | 81 | 126 | 20 |
| | Trichloroethene | 20 | 20.7 | ug/Kg | 104 | 2 | | 83 | 122 | 20 |
| | 1,2-Dichloropropane | 20 | 20.2 | ug/Kg | 101 | 2 | | 83 | 122 | 20 |
| | Bromodichloromethane | 20 | 20.5 | ug/Kg | 103 | 1 | | 82 | 123 | 20 |
| | 4-Methyl-2-Pentanone | 100 | 94.3 | ug/Kg | 94 | 2 | | 70 | 135 | 20 |
| | Toluene | 20 | 20.2 | ug/Kg | 101 | 1 | | 83 | 122 | 20 |
| | t-1,3-Dichloropropene | 20 | 19.6 | ug/Kg | 98 | 1 | | 78 | 124 | 20 |
| | cis-1,3-Dichloropropene | 20 | 20.3 | ug/Kg | 102 | 1 | | 81 | 122 | 20 |
| | 1,1,2-Trichloroethane | 20 | 20.8 | ug/Kg | 104 | 1 | | 82 | 125 | 20 |
| | 2-Hexanone | 100 | 92.4 | ug/Kg | 92 | 1 | | 66 | 138 | 20 |
| | Dibromochloromethane | 20 | 19.9 | ug/Kg | 100 | 2 | | 79 | 125 | 20 |
| | Tetrachloroethene | 20 | 20.3 | ug/Kg | 102 | 0 | | 83 | 125 | 20 |
| | Chlorobenzene | 20 | 20.5 | ug/Kg | 103 | 1 | | 84 | 122 | 20 |
| | Ethyl Benzene | 20 | 19.9 | ug/Kg | 100 | 1 | | 82 | 124 | 20 |
| | m/p-Xylenes | 40 | 40.0 | ug/Kg | 100 | 0 | | 83 | 124 | 20 |
| | o-Xylene | 20 | 20.0 | ug/Kg | 100 | 2 | | 83 | 123 | 20 |
| | Styrene | 20 | 19.9 | ug/Kg | 100 | 2 | | 82 | 124 | 20 |
| | Bromoform | 20 | 19.8 | ug/Kg | 99 | 0 | | 75 | 127 | 20 |
| | 1,1,2,2-Tetrachloroethane | 20 | 21.2 | ug/Kg | 106 | 4 | | 77 | 127 | 20 |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2056

**Client:** G Environmental

**Analytical Method:** SW8260D **Datafile :** VY022331.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VY0520SBS01 | Chloromethane | 20 | 29.7 | ug/Kg | 149 | | * | 70 | 130 | |
| | Vinyl chloride | 20 | 30.5 | ug/Kg | 153 | | * | 72 | 129 | |
| | Bromomethane | 20 | 37.9 | ug/Kg | 190 | | * | 58 | 141 | |
| | Chloroethane | 20 | 35.1 | ug/Kg | 175 | | * | 69 | 130 | |
| | Tert butyl alcohol | 100 | 110 | ug/Kg | 110 | | | 24 | 175 | |
| | 1,1-Dichloroethene | 20 | 22.1 | ug/Kg | 111 | | | 79 | 121 | |
| | Acetone | 100 | 100 | ug/Kg | 100 | | | 60 | 131 | |
| | Carbon disulfide | 20 | 21.4 | ug/Kg | 107 | | | 45 | 154 | |
| | Methyl tert-butyl Ether | 20 | 22.0 | ug/Kg | 110 | | | 77 | 129 | |
| | Methylene Chloride | 20 | 20.1 | ug/Kg | 101 | | | 56 | 174 | |
| | trans-1,2-Dichloroethene | 20 | 21.6 | ug/Kg | 108 | | | 80 | 123 | |
| | 1,1-Dichloroethane | 20 | 21.4 | ug/Kg | 107 | | | 82 | 123 | |
| | 2-Butanone | 100 | 100 | ug/Kg | 100 | | | 69 | 131 | |
| | Carbon Tetrachloride | 20 | 20.7 | ug/Kg | 104 | | | 76 | 129 | |
| | cis-1,2-Dichloroethene | 20 | 21.7 | ug/Kg | 109 | | | 82 | 123 | |
| | Chloroform | 20 | 22.3 | ug/Kg | 112 | | | 82 | 125 | |
| | 1,1,1-Trichloroethane | 20 | 21.5 | ug/Kg | 108 | | | 80 | 126 | |
| | Benzene | 20 | 20.8 | ug/Kg | 104 | | | 84 | 121 | |
| | 1,2-Dichloroethane | 20 | 21.3 | ug/Kg | 106 | | | 81 | 126 | |
| | Trichloroethene | 20 | 20.6 | ug/Kg | 103 | | | 83 | 122 | |
| | 1,2-Dichloropropane | 20 | 20.4 | ug/Kg | 102 | | | 83 | 122 | |
| | Bromodichloromethane | 20 | 20.9 | ug/Kg | 104 | | | 82 | 123 | |
| | 4-Methyl-2-Pentanone | 100 | 100 | ug/Kg | 100 | | | 70 | 135 | |
| | Toluene | 20 | 20.0 | ug/Kg | 100 | | | 83 | 122 | |
| | t-1,3-Dichloropropene | 20 | 20.1 | ug/Kg | 101 | | | 78 | 124 | |
| | cis-1,3-Dichloropropene | 20 | 20.2 | ug/Kg | 101 | | | 81 | 122 | |
| | 1,1,2-Trichloroethane | 20 | 21.1 | ug/Kg | 106 | | | 82 | 125 | |
| | 2-Hexanone | 100 | 97.7 | ug/Kg | 98 | | | 66 | 138 | |
| | Dibromochloromethane | 20 | 20.4 | ug/Kg | 102 | | | 79 | 125 | |
| | Tetrachloroethene | 20 | 21.6 | ug/Kg | 108 | | | 83 | 125 | |
| | Chlorobenzene | 20 | 20.5 | ug/Kg | 103 | | | 84 | 122 | |
| | Ethyl Benzene | 20 | 19.8 | ug/Kg | 99 | | | 82 | 124 | |
| | m/p-Xylenes | 40 | 39.6 | ug/Kg | 99 | | | 83 | 124 | |
| | o-Xylene | 20 | 20.2 | ug/Kg | 101 | | | 83 | 123 | |
| | Styrene | 20 | 19.7 | ug/Kg | 99 | | | 82 | 124 | |
| | Bromoform | 20 | 20.7 | ug/Kg | 104 | | | 75 | 127 | |
| | 1,1,2,2-Tetrachloroethane | 20 | 20.7 | ug/Kg | 104 | | | 77 | 127 | |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2056

**Client:** G Environmental

**Analytical Method:** SW8260D **Datafile :** VY022356.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VY0521SBS01 | Chloromethane | 20 | 26.9 | ug/Kg | 135 | | * | 70 | 130 | |
| | Vinyl chloride | 20 | 27.4 | ug/Kg | 137 | | * | 72 | 129 | |
| | Bromomethane | 20 | 37.2 | ug/Kg | 186 | | * | 58 | 141 | |
| | Chloroethane | 20 | 32.9 | ug/Kg | 165 | | * | 69 | 130 | |
| | Tert butyl alcohol | 100 | 100 | ug/Kg | 100 | | | 24 | 175 | |
| | 1,1-Dichloroethene | 20 | 21.1 | ug/Kg | 106 | | | 79 | 121 | |
| | Acetone | 100 | 94.0 | ug/Kg | 94 | | | 60 | 131 | |
| | Carbon disulfide | 20 | 20.3 | ug/Kg | 102 | | | 45 | 154 | |
| | Methyl tert-butyl Ether | 20 | 21.2 | ug/Kg | 106 | | | 77 | 129 | |
| | Methylene Chloride | 20 | 19.5 | ug/Kg | 98 | | | 56 | 174 | |
| | trans-1,2-Dichloroethene | 20 | 20.6 | ug/Kg | 103 | | | 80 | 123 | |
| | 1,1-Dichloroethane | 20 | 20.3 | ug/Kg | 102 | | | 82 | 123 | |
| | 2-Butanone | 100 | 96.3 | ug/Kg | 96 | | | 69 | 131 | |
| | Carbon Tetrachloride | 20 | 19.8 | ug/Kg | 99 | | | 76 | 129 | |
| | cis-1,2-Dichloroethene | 20 | 21.0 | ug/Kg | 105 | | | 82 | 123 | |
| | Chloroform | 20 | 20.8 | ug/Kg | 104 | | | 82 | 125 | |
| | 1,1,1-Trichloroethane | 20 | 20.1 | ug/Kg | 101 | | | 80 | 126 | |
| | Benzene | 20 | 20.2 | ug/Kg | 101 | | | 84 | 121 | |
| | 1,2-Dichloroethane | 20 | 20.4 | ug/Kg | 102 | | | 81 | 126 | |
| | Trichloroethene | 20 | 20.2 | ug/Kg | 101 | | | 83 | 122 | |
| | 1,2-Dichloropropane | 20 | 19.8 | ug/Kg | 99 | | | 83 | 122 | |
| | Bromodichloromethane | 20 | 20.3 | ug/Kg | 102 | | | 82 | 123 | |
| | 4-Methyl-2-Pentanone | 100 | 96.4 | ug/Kg | 96 | | | 70 | 135 | |
| | Toluene | 20 | 19.9 | ug/Kg | 100 | | | 83 | 122 | |
| | t-1,3-Dichloropropene | 20 | 19.4 | ug/Kg | 97 | | | 78 | 124 | |
| | cis-1,3-Dichloropropene | 20 | 19.9 | ug/Kg | 100 | | | 81 | 122 | |
| | 1,1,2-Trichloroethane | 20 | 20.8 | ug/Kg | 104 | | | 82 | 125 | |
| | 2-Hexanone | 100 | 95.9 | ug/Kg | 96 | | | 66 | 138 | |
| | Dibromochloromethane | 20 | 20.7 | ug/Kg | 104 | | | 79 | 125 | |
| | Tetrachloroethene | 20 | 20.4 | ug/Kg | 102 | | | 83 | 125 | |
| | Chlorobenzene | 20 | 20.2 | ug/Kg | 101 | | | 84 | 122 | |
| | Ethyl Benzene | 20 | 19.3 | ug/Kg | 97 | | | 82 | 124 | |
| | m/p-Xylenes | 40 | 38.7 | ug/Kg | 97 | | | 83 | 124 | |
| | o-Xylene | 20 | 19.4 | ug/Kg | 97 | | | 83 | 123 | |
| | Styrene | 20 | 19.1 | ug/Kg | 96 | | | 82 | 124 | |
| | Bromoform | 20 | 19.3 | ug/Kg | 97 | | | 75 | 127 | |
| | 1,1,2,2-Tetrachloroethane | 20 | 20.9 | ug/Kg | 104 | | | 77 | 127 | |

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# VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0519SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG NO.: Q2056

Lab File ID: VY022304.D Lab Sample ID: VY0519SBL01

Date Analyzed: 05/19/2025 Time Analyzed: 09:00

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| VY0519SBS01 | VY0519SBS01 | VY022305.D | 05/19/2025 |
| VY0519SBSD01 | VY0519SBSD01 | VY022306.D | 05/19/2025 |
| GVD11 | Q2056-01 | VY022326.D | 05/19/2025 |

COMMENTS:

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# VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0520SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG NO.: Q2056

Lab File ID: VY022330.D Lab Sample ID: VY0520SBL01

Date Analyzed: 05/20/2025 Time Analyzed: 09:48

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| VY0520SBS01 | VY0520SBS01 | VY022331.D | 05/20/2025 |
| GVD12 | Q2056-02 | VY022336.D | 05/20/2025 |
| GVD13 | Q2056-03 | VY022337.D | 05/20/2025 |
| GVD14 | Q2056-04 | VY022338.D | 05/20/2025 |

COMMENTS:

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# VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0521SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG NO.: Q2056

Lab File ID: VY022355.D Lab Sample ID: VY0521SBL01

Date Analyzed: 05/21/2025 Time Analyzed: 10:05

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| VY0521SBS01 | VY0521SBS01 | VY022356.D | 05/21/2025 |
| GVD15 | Q2056-05 | VY022358.D | 05/21/2025 |

COMMENTS:

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# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG NO.: Q2056

Lab File ID: VY022252.D BFB Injection Date: 05/15/2025

Instrument ID: MSVOA_Y BFB Injection Time: 07:52

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 24 |
| 75 | 30.0 - 60.0% of mass 95 | 55.9 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 6.8 |
| 173 | Less than 2.0% of mass 174 | 0.7 ( 0.9 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 80.5 |
| 175 | 5.0 - 9.0% of mass 174 | 5.9 ( 7.3 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 77.5 ( 96.3 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.3 ( 6.8 ) 2 |

1-Value is % mass 174 2-Value is % mass 176

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDICC005 | VSTDICC005 | VY022253.D | 05/15/2025 | 09:46 |
| VSTDICC010 | VSTDICC010 | VY022254.D | 05/15/2025 | 10:16 |
| VSTDICC020 | VSTDICC020 | VY022255.D | 05/15/2025 | 10:39 |
| VSTDICCC050 | VSTDICCC050 | VY022256.D | 05/15/2025 | 11:02 |
| VSTDICC100 | VSTDICC100 | VY022257.D | 05/15/2025 | 11:24 |
| VSTDICC150 | VSTDICC150 | VY022258.D | 05/15/2025 | 11:47 |

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# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG NO.: Q2056

Lab File ID: VY022302.D BFB Injection Date: 05/19/2025

Instrument ID: MSVOA_Y BFB Injection Time: 07:57

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 24 |
| 75 | 30.0 - 60.0% of mass 95 | 58 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 6.8 |
| 173 | Less than 2.0% of mass 174 | 0.9 ( 1 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 83.6 |
| 175 | 5.0 - 9.0% of mass 174 | 6.2 ( 7.4 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 80.5 ( 96.3 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.4 ( 6.7 ) 2 |

1-Value is % mass 174 2-Value is % mass 176

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDCCC050 | VSTDCCC050 | VY022303.D | 05/19/2025 | 08:27 |
| VY0519SBL01 | VY0519SBL01 | VY022304.D | 05/19/2025 | 09:00 |
| VY0519SBS01 | VY0519SBS01 | VY022305.D | 05/19/2025 | 09:36 |
| VY0519SBSD01 | VY0519SBSD01 | VY022306.D | 05/19/2025 | 09:59 |
| GVD11 | Q2056-01 | VY022326.D | 05/19/2025 | 18:06 |

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# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG NO.: Q2056

Lab File ID: VY022328.D BFB Injection Date: 05/20/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:09

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 24.5 |
| 75 | 30.0 - 60.0% of mass 95 | 58.5 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 6.7 |
| 173 | Less than 2.0% of mass 174 | 1 ( 1.2 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 82.9 |
| 175 | 5.0 - 9.0% of mass 174 | 6.4 ( 7.7 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 80.3 ( 96.8 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.4 ( 6.7 ) 2 |

1-Value is % mass 174 2-Value is % mass 176

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDCCC050 | VSTDCCC050 | VY022329.D | 05/20/2025 | 08:40 |
| VY0520SBL01 | VY0520SBL01 | VY022330.D | 05/20/2025 | 09:48 |
| VY0520SBS01 | VY0520SBS01 | VY022331.D | 05/20/2025 | 10:21 |
| GVD12 | Q2056-02 | VY022336.D | 05/20/2025 | 12:38 |
| GVD13 | Q2056-03 | VY022337.D | 05/20/2025 | 13:01 |
| GVD14 | Q2056-04 | VY022338.D | 05/20/2025 | 13:25 |

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# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG NO.: Q2056

Lab File ID: VY022353.D BFB Injection Date: 05/21/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:02

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 23.9 |
| 75 | 30.0 - 60.0% of mass 95 | 59.7 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 |
| 173 | Less than 2.0% of mass 174 | 1 ( 1.1 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 85 |
| 175 | 5.0 - 9.0% of mass 174 | 6.2 ( 7.3 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 81.3 ( 95.6 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.4 ( 6.6 ) 2 |

1-Value is % mass 174 2-Value is % mass 176

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDCCC050 | VSTDCCC050 | VY022354.D | 05/21/2025 | 09:33 |
| VY0521SBL01 | VY0521SBL01 | VY022355.D | 05/21/2025 | 10:05 |
| VY0521SBS01 | VY0521SBS01 | VY022356.D | 05/21/2025 | 10:35 |
| GVD15 | Q2056-05 | VY022358.D | 05/21/2025 | 11:37 |

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG NO.: Q2056

Lab File ID: VY022303.D Date Analyzed: 05/19/2025

Instrument ID: MSVOA_Y Time Analyzed: 08:27

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

| | IS1 AREA # | RT # | IS2 AREA # | RT # | IS3 AREA # | RT # |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 226750 | 7.71 | 371882 | 8.62 | 313200 | 11.41 |
| UPPER LIMIT | 453500 | 8.207 | 743764 | 9.116 | 626400 | 11.914 |
| LOWER LIMIT | 113375 | 7.207 | 185941 | 8.116 | 156600 | 10.914 |
| EPA SAMPLE NO. | | | | | | |
| GVD11 | 223481 | 7.71 | 406573 | 8.61 | 303031 | 11.41 |
| VY0519SBL01 | 331048 | 7.71 | 571469 | 8.62 | 438659 | 11.42 |
| VY0519SBS01 | 200360 | 7.71 | 338060 | 8.62 | 283142 | 11.42 |
| VY0519SBSD01 | 194565 | 7.71 | 331521 | 8.62 | 276940 | 11.41 |

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG NO.: Q2056

Lab File ID: VY022303.D Date Analyzed: 05/19/2025

Instrument ID: MSVOA_Y Time Analyzed: 08:27

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

| | IS4 AREA # | RT # | | | | |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 144499 | 13.346 | | | | |
| UPPER LIMIT | 288998 | 13.846 | | | | |
| LOWER LIMIT | 72249.5 | 12.846 | | | | |
| EPA SAMPLE NO. | | | | | | |
| GVD11 | 89910 | 13.35 | | | | |
| VY0519SBL01 | 158015 | 13.35 | | | | |
| VY0519SBS01 | 133674 | 13.35 | | | | |
| VY0519SBSD01 | 128146 | 13.35 | | | | |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG NO.: Q2056

Lab File ID: VY022329.D Date Analyzed: 05/20/2025

Instrument ID: MSVOA_Y Time Analyzed: 08:40

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

| | IS1 AREA # | RT # | IS2 AREA # | RT # | IS3 AREA # | RT # |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 180374 | 7.71 | 298369 | 8.62 | 252391 | 11.41 |
| UPPER LIMIT | 360748 | 8.207 | 596738 | 9.116 | 504782 | 11.914 |
| LOWER LIMIT | 90187 | 7.207 | 149185 | 8.116 | 126196 | 10.914 |
| EPA SAMPLE NO. | | | | | | |
| GVD12 | 269526 | 7.71 | 481628 | 8.62 | 373395 | 11.41 |
| GVD13 | 244549 | 7.71 | 431792 | 8.62 | 328152 | 11.41 |
| GVD14 | 240752 | 7.71 | 423261 | 8.62 | 327850 | 11.41 |
| VY0520SBL01 | 253729 | 7.71 | 453295 | 8.62 | 355808 | 11.42 |
| VY0520SBS01 | 162404 | 7.71 | 280923 | 8.62 | 236555 | 11.42 |

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG NO.: Q2056

Lab File ID: VY022329.D Date Analyzed: 05/20/2025

Instrument ID: MSVOA_Y Time Analyzed: 08:40

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

| | IS4 AREA # | RT # | | | | |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 120747 | 13.346 | | | | |
| UPPER LIMIT | 241494 | 13.846 | | | | |
| LOWER LIMIT | 60373.5 | 12.846 | | | | |
| EPA SAMPLE NO. | | | | | | |
| GVD12 | 128914 | 13.35 | | | | |
| GVD13 | 107238 | 13.35 | | | | |
| GVD14 | 112421 | 13.35 | | | | |
| VY0520SBL01 | 124571 | 13.35 | | | | |
| VY0520SBS01 | 111469 | 13.35 | | | | |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG NO.: Q2056

Lab File ID: VY022354.D Date Analyzed: 05/21/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:33

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

| | IS1 AREA # | RT # | IS2 AREA # | RT # | IS3 AREA # | RT # |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 174007 | 7.71 | 289031 | 8.62 | 248227 | 11.42 |
| UPPER LIMIT | 348014 | 8.213 | 578062 | 9.116 | 496454 | 11.92 |
| LOWER LIMIT | 87003.5 | 7.213 | 144516 | 8.116 | 124114 | 10.92 |
| EPA SAMPLE NO. | | | | | | |
| GVD15 | 236757 | 7.71 | 411751 | 8.62 | 277651 | 11.42 |
| VY0521SBL01 | 261806 | 7.71 | 457379 | 8.62 | 349876 | 11.42 |
| VY0521SBS01 | 164670 | 7.71 | 280143 | 8.62 | 238357 | 11.42 |

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG NO.: Q2056

Lab File ID: VY022354.D Date Analyzed: 05/21/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:33

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

| | IS4 AREA # | RT # | | | | |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 116710 | 13.353 | | | | |
| UPPER LIMIT | 233420 | 13.853 | | | | |
| LOWER LIMIT | 58355 | 12.853 | | | | |
| EPA SAMPLE NO. | | | | | | |
| GVD15 | 64045 | 13.35 | | | | |
| VY0521SBL01 | 119412 | 13.35 | | | | |
| VY0521SBS01 | 110395 | 13.35 | | | | |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

# QC SAMPLE DATA

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0519SBL01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0519SBL01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022304.D | 1 | | 05/19/25 09:00 | VY051925 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 74-87-3 | Chloromethane | 1.10 | U | 1.10 | 5.00 | ug/Kg |
| 75-01-4 | Vinyl Chloride | 0.79 | U | 0.79 | 5.00 | ug/Kg |
| 74-83-9 | Bromomethane | 1.10 | U | 1.10 | 5.00 | ug/Kg |
| 75-00-3 | Chloroethane | 1.30 | U | 1.30 | 5.00 | ug/Kg |
| 75-65-0 | Tert butyl alcohol | 13.7 | U | 13.7 | 25.0 | ug/Kg |
| 75-35-4 | 1,1-Dichloroethene | 1.00 | U | 1.00 | 5.00 | ug/Kg |
| 67-64-1 | Acetone | 4.70 | U | 4.70 | 25.0 | ug/Kg |
| 75-15-0 | Carbon Disulfide | 1.10 | U | 1.10 | 5.00 | ug/Kg |
| 1634-04-4 | Methyl tert-butyl Ether | 0.73 | U | 0.73 | 5.00 | ug/Kg |
| 75-09-2 | Methylene Chloride | 3.50 | U | 3.50 | 10.0 | ug/Kg |
| 156-60-5 | trans-1,2-Dichloroethene | 0.86 | U | 0.86 | 5.00 | ug/Kg |
| 75-34-3 | 1,1-Dichloroethane | 0.80 | U | 0.80 | 5.00 | ug/Kg |
| 78-93-3 | 2-Butanone | 6.50 | U | 6.50 | 25.0 | ug/Kg |
| 56-23-5 | Carbon Tetrachloride | 0.97 | U | 0.97 | 5.00 | ug/Kg |
| 156-59-2 | cis-1,2-Dichloroethene | 0.75 | U | 0.75 | 5.00 | ug/Kg |
| 67-66-3 | Chloroform | 0.84 | U | 0.84 | 5.00 | ug/Kg |
| 71-55-6 | 1,1,1-Trichloroethane | 0.93 | U | 0.93 | 5.00 | ug/Kg |
| 71-43-2 | Benzene | 0.79 | U | 0.79 | 5.00 | ug/Kg |
| 107-06-2 | 1,2-Dichloroethane | 0.79 | U | 0.79 | 5.00 | ug/Kg |
| 79-01-6 | Trichloroethene | 0.81 | U | 0.81 | 5.00 | ug/Kg |
| 78-87-5 | 1,2-Dichloropropane | 0.91 | U | 0.91 | 5.00 | ug/Kg |
| 75-27-4 | Bromodichloromethane | 0.78 | U | 0.78 | 5.00 | ug/Kg |
| 108-10-1 | 4-Methyl-2-Pentanone | 3.60 | U | 3.60 | 25.0 | ug/Kg |
| 108-88-3 | Toluene | 0.78 | U | 0.78 | 5.00 | ug/Kg |
| 10061-02-6 | t-1,3-Dichloropropene | 0.65 | U | 0.65 | 5.00 | ug/Kg |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.62 | U | 0.62 | 5.00 | ug/Kg |
| 79-00-5 | 1,1,2-Trichloroethane | 0.92 | U | 0.92 | 5.00 | ug/Kg |
| 591-78-6 | 2-Hexanone | 3.70 | U | 3.70 | 25.0 | ug/Kg |
| 124-48-1 | Dibromochloromethane | 0.87 | U | 0.87 | 5.00 | ug/Kg |
| 127-18-4 | Tetrachloroethene | 1.10 | U | 1.10 | 5.00 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0519SBL01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0519SBL01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022304.D | 1 | | 05/19/25 09:00 | VY051925 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | 0.91 | U | 0.91 | 5.00 | ug/Kg |
| 100-41-4 | Ethyl Benzene | 0.67 | U | 0.67 | 5.00 | ug/Kg |
| 179601-23-1 | m/p-Xylenes | 1.20 | U | 1.20 | 10.0 | ug/Kg |
| 95-47-6 | o-Xylene | 0.82 | U | 0.82 | 5.00 | ug/Kg |
| 100-42-5 | Styrene | 0.71 | U | 0.71 | 5.00 | ug/Kg |
| 75-25-2 | Bromoform | 0.86 | U | 0.86 | 5.00 | ug/Kg |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.20 | U | 1.20 | 5.00 | ug/Kg |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 41.1 | | 63 - 155 | 82% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 47.5 | | 70 - 134 | 95% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 48.8 | | 74 - 123 | 98% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 37.7 | | 38 - 136 | 75% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 331000 | 7.707 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 571000 | 8.616 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 439000 | 11.42 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 158000 | 13.346 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0520SBL01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0520SBL01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022330.D | 1 | | 05/20/25 09:48 | VY052025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 74-87-3 | Chloromethane | 1.10 | U | 1.10 | 5.00 | ug/Kg |
| 75-01-4 | Vinyl Chloride | 0.79 | U | 0.79 | 5.00 | ug/Kg |
| 74-83-9 | Bromomethane | 1.10 | U | 1.10 | 5.00 | ug/Kg |
| 75-00-3 | Chloroethane | 1.30 | U | 1.30 | 5.00 | ug/Kg |
| 75-65-0 | Tert butyl alcohol | 13.7 | U | 13.7 | 25.0 | ug/Kg |
| 75-35-4 | 1,1-Dichloroethene | 1.00 | U | 1.00 | 5.00 | ug/Kg |
| 67-64-1 | Acetone | 4.70 | U | 4.70 | 25.0 | ug/Kg |
| 75-15-0 | Carbon Disulfide | 1.10 | U | 1.10 | 5.00 | ug/Kg |
| 1634-04-4 | Methyl tert-butyl Ether | 0.73 | U | 0.73 | 5.00 | ug/Kg |
| 75-09-2 | Methylene Chloride | 3.50 | U | 3.50 | 10.0 | ug/Kg |
| 156-60-5 | trans-1,2-Dichloroethene | 0.86 | U | 0.86 | 5.00 | ug/Kg |
| 75-34-3 | 1,1-Dichloroethane | 0.80 | U | 0.80 | 5.00 | ug/Kg |
| 78-93-3 | 2-Butanone | 6.50 | U | 6.50 | 25.0 | ug/Kg |
| 56-23-5 | Carbon Tetrachloride | 0.97 | U | 0.97 | 5.00 | ug/Kg |
| 156-59-2 | cis-1,2-Dichloroethene | 0.75 | U | 0.75 | 5.00 | ug/Kg |
| 67-66-3 | Chloroform | 0.84 | U | 0.84 | 5.00 | ug/Kg |
| 71-55-6 | 1,1,1-Trichloroethane | 0.93 | U | 0.93 | 5.00 | ug/Kg |
| 71-43-2 | Benzene | 0.79 | U | 0.79 | 5.00 | ug/Kg |
| 107-06-2 | 1,2-Dichloroethane | 0.79 | U | 0.79 | 5.00 | ug/Kg |
| 79-01-6 | Trichloroethene | 0.81 | U | 0.81 | 5.00 | ug/Kg |
| 78-87-5 | 1,2-Dichloropropane | 0.91 | U | 0.91 | 5.00 | ug/Kg |
| 75-27-4 | Bromodichloromethane | 0.78 | U | 0.78 | 5.00 | ug/Kg |
| 108-10-1 | 4-Methyl-2-Pentanone | 3.60 | U | 3.60 | 25.0 | ug/Kg |
| 108-88-3 | Toluene | 0.78 | U | 0.78 | 5.00 | ug/Kg |
| 10061-02-6 | t-1,3-Dichloropropene | 0.65 | U | 0.65 | 5.00 | ug/Kg |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.62 | U | 0.62 | 5.00 | ug/Kg |
| 79-00-5 | 1,1,2-Trichloroethane | 0.92 | U | 0.92 | 5.00 | ug/Kg |
| 591-78-6 | 2-Hexanone | 3.70 | U | 3.70 | 25.0 | ug/Kg |
| 124-48-1 | Dibromochloromethane | 0.87 | U | 0.87 | 5.00 | ug/Kg |
| 127-18-4 | Tetrachloroethene | 1.10 | U | 1.10 | 5.00 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0520SBL01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0520SBL01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022330.D | 1 | | 05/20/25 09:48 | VY052025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | 0.91 | U | 0.91 | 5.00 | ug/Kg |
| 100-41-4 | Ethyl Benzene | 0.67 | U | 0.67 | 5.00 | ug/Kg |
| 179601-23-1 | m/p-Xylenes | 1.20 | U | 1.20 | 10.0 | ug/Kg |
| 95-47-6 | o-Xylene | 0.82 | U | 0.82 | 5.00 | ug/Kg |
| 100-42-5 | Styrene | 0.71 | U | 0.71 | 5.00 | ug/Kg |
| 75-25-2 | Bromoform | 0.86 | U | 0.86 | 5.00 | ug/Kg |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.20 | U | 1.20 | 5.00 | ug/Kg |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 45.7 | | 63 - 155 | 91% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 48.3 | | 70 - 134 | 97% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 48.6 | | 74 - 123 | 97% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 52.5 | | 38 - 136 | 105% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 254000 | 7.707 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 453000 | 8.615 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 356000 | 11.42 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 125000 | 13.346 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0521SBL01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0521SBL01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022355.D | 1 | | 05/21/25 10:05 | VY052125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 74-87-3 | Chloromethane | 1.10 | U | 1.10 | 5.00 | ug/Kg |
| 75-01-4 | Vinyl Chloride | 0.79 | U | 0.79 | 5.00 | ug/Kg |
| 74-83-9 | Bromomethane | 1.10 | U | 1.10 | 5.00 | ug/Kg |
| 75-00-3 | Chloroethane | 1.30 | U | 1.30 | 5.00 | ug/Kg |
| 75-65-0 | Tert butyl alcohol | 13.7 | U | 13.7 | 25.0 | ug/Kg |
| 75-35-4 | 1,1-Dichloroethene | 1.00 | U | 1.00 | 5.00 | ug/Kg |
| 67-64-1 | Acetone | 4.70 | U | 4.70 | 25.0 | ug/Kg |
| 75-15-0 | Carbon Disulfide | 1.10 | U | 1.10 | 5.00 | ug/Kg |
| 1634-04-4 | Methyl tert-butyl Ether | 0.73 | U | 0.73 | 5.00 | ug/Kg |
| 75-09-2 | Methylene Chloride | 3.50 | U | 3.50 | 10.0 | ug/Kg |
| 156-60-5 | trans-1,2-Dichloroethene | 0.86 | U | 0.86 | 5.00 | ug/Kg |
| 75-34-3 | 1,1-Dichloroethane | 0.80 | U | 0.80 | 5.00 | ug/Kg |
| 78-93-3 | 2-Butanone | 6.50 | U | 6.50 | 25.0 | ug/Kg |
| 56-23-5 | Carbon Tetrachloride | 0.97 | U | 0.97 | 5.00 | ug/Kg |
| 156-59-2 | cis-1,2-Dichloroethene | 0.75 | U | 0.75 | 5.00 | ug/Kg |
| 67-66-3 | Chloroform | 0.84 | U | 0.84 | 5.00 | ug/Kg |
| 71-55-6 | 1,1,1-Trichloroethane | 0.93 | U | 0.93 | 5.00 | ug/Kg |
| 71-43-2 | Benzene | 0.79 | U | 0.79 | 5.00 | ug/Kg |
| 107-06-2 | 1,2-Dichloroethane | 0.79 | U | 0.79 | 5.00 | ug/Kg |
| 79-01-6 | Trichloroethene | 0.81 | U | 0.81 | 5.00 | ug/Kg |
| 78-87-5 | 1,2-Dichloropropane | 0.91 | U | 0.91 | 5.00 | ug/Kg |
| 75-27-4 | Bromodichloromethane | 0.78 | U | 0.78 | 5.00 | ug/Kg |
| 108-10-1 | 4-Methyl-2-Pentanone | 3.60 | U | 3.60 | 25.0 | ug/Kg |
| 108-88-3 | Toluene | 0.78 | U | 0.78 | 5.00 | ug/Kg |
| 10061-02-6 | t-1,3-Dichloropropene | 0.65 | U | 0.65 | 5.00 | ug/Kg |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.62 | U | 0.62 | 5.00 | ug/Kg |
| 79-00-5 | 1,1,2-Trichloroethane | 0.92 | U | 0.92 | 5.00 | ug/Kg |
| 591-78-6 | 2-Hexanone | 3.70 | U | 3.70 | 25.0 | ug/Kg |
| 124-48-1 | Dibromochloromethane | 0.87 | U | 0.87 | 5.00 | ug/Kg |
| 127-18-4 | Tetrachloroethene | 1.10 | U | 1.10 | 5.00 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0521SBL01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0521SBL01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022355.D | 1 | | 05/21/25 10:05 | VY052125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | 0.91 | U | 0.91 | 5.00 | ug/Kg |
| 100-41-4 | Ethyl Benzene | 0.67 | U | 0.67 | 5.00 | ug/Kg |
| 179601-23-1 | m/p-Xylenes | 1.20 | U | 1.20 | 10.0 | ug/Kg |
| 95-47-6 | o-Xylene | 0.82 | U | 0.82 | 5.00 | ug/Kg |
| 100-42-5 | Styrene | 0.71 | U | 0.71 | 5.00 | ug/Kg |
| 75-25-2 | Bromoform | 0.86 | U | 0.86 | 5.00 | ug/Kg |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.20 | U | 1.20 | 5.00 | ug/Kg |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 42.6 | | 63 - 155 | 85% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 48.1 | | 70 - 134 | 96% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 48.7 | | 74 - 123 | 97% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 50.3 | | 38 - 136 | 101% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 262000 | 7.713 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 457000 | 8.615 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 350000 | 11.42 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 119000 | 13.352 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0519SBS01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0519SBS01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022305.D | 1 | | 05/19/25 09:36 | VY051925 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 74-87-3 | Chloromethane | 26.6 | | 1.10 | 5.00 | ug/Kg |
| 75-01-4 | Vinyl Chloride | 26.8 | | 0.79 | 5.00 | ug/Kg |
| 74-83-9 | Bromomethane | 32.0 | | 1.10 | 5.00 | ug/Kg |
| 75-00-3 | Chloroethane | 29.0 | | 1.30 | 5.00 | ug/Kg |
| 75-65-0 | Tert butyl alcohol | 97.3 | | 13.7 | 25.0 | ug/Kg |
| 75-35-4 | 1,1-Dichloroethene | 20.8 | | 1.00 | 5.00 | ug/Kg |
| 67-64-1 | Acetone | 88.8 | | 4.70 | 25.0 | ug/Kg |
| 75-15-0 | Carbon Disulfide | 20.8 | | 1.10 | 5.00 | ug/Kg |
| 1634-04-4 | Methyl tert-butyl Ether | 20.5 | | 0.73 | 5.00 | ug/Kg |
| 75-09-2 | Methylene Chloride | 18.7 | | 3.50 | 10.0 | ug/Kg |
| 156-60-5 | trans-1,2-Dichloroethene | 20.4 | | 0.86 | 5.00 | ug/Kg |
| 75-34-3 | 1,1-Dichloroethane | 20.3 | | 0.80 | 5.00 | ug/Kg |
| 78-93-3 | 2-Butanone | 90.9 | | 6.50 | 25.0 | ug/Kg |
| 56-23-5 | Carbon Tetrachloride | 20.7 | | 0.97 | 5.00 | ug/Kg |
| 156-59-2 | cis-1,2-Dichloroethene | 20.5 | | 0.75 | 5.00 | ug/Kg |
| 67-66-3 | Chloroform | 20.9 | | 0.84 | 5.00 | ug/Kg |
| 71-55-6 | 1,1,1-Trichloroethane | 21.2 | | 0.93 | 5.00 | ug/Kg |
| 71-43-2 | Benzene | 20.2 | | 0.79 | 5.00 | ug/Kg |
| 107-06-2 | 1,2-Dichloroethane | 20.3 | | 0.79 | 5.00 | ug/Kg |
| 79-01-6 | Trichloroethene | 20.4 | | 0.81 | 5.00 | ug/Kg |
| 78-87-5 | 1,2-Dichloropropane | 19.8 | | 0.91 | 5.00 | ug/Kg |
| 75-27-4 | Bromodichloromethane | 20.3 | | 0.78 | 5.00 | ug/Kg |
| 108-10-1 | 4-Methyl-2-Pentanone | 95.8 | | 3.60 | 25.0 | ug/Kg |
| 108-88-3 | Toluene | 19.9 | | 0.78 | 5.00 | ug/Kg |
| 10061-02-6 | t-1,3-Dichloropropene | 19.4 | | 0.65 | 5.00 | ug/Kg |
| 10061-01-5 | cis-1,3-Dichloropropene | 20.1 | | 0.62 | 5.00 | ug/Kg |
| 79-00-5 | 1,1,2-Trichloroethane | 20.5 | | 0.92 | 5.00 | ug/Kg |
| 591-78-6 | 2-Hexanone | 92.6 | | 3.70 | 25.0 | ug/Kg |
| 124-48-1 | Dibromochloromethane | 20.3 | | 0.87 | 5.00 | ug/Kg |
| 127-18-4 | Tetrachloroethene | 20.4 | | 1.10 | 5.00 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0519SBS01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0519SBS01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022305.D | 1 | | 05/19/25 09:36 | VY051925 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | 20.3 | | 0.91 | 5.00 | ug/Kg |
| 100-41-4 | Ethyl Benzene | 19.8 | | 0.67 | 5.00 | ug/Kg |
| 179601-23-1 | m/p-Xylenes | 40.0 | | 1.20 | 10.0 | ug/Kg |
| 95-47-6 | o-Xylene | 19.6 | | 0.82 | 5.00 | ug/Kg |
| 100-42-5 | Styrene | 19.6 | | 0.71 | 5.00 | ug/Kg |
| 75-25-2 | Bromoform | 19.7 | | 0.86 | 5.00 | ug/Kg |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 20.4 | | 1.20 | 5.00 | ug/Kg |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 51.3 | | 63 - 155 | 103% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 51.1 | | 70 - 134 | 102% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 51.1 | | 74 - 123 | 102% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 48.4 | | 38 - 136 | 97% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 200000 | 7.707 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 338000 | 8.616 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 283000 | 11.42 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 134000 | 13.347 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0520SBS01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0520SBS01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022331.D | 1 | | 05/20/25 10:21 | VY052025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 74-87-3 | Chloromethane | 29.7 | | 1.10 | 5.00 | ug/Kg |
| 75-01-4 | Vinyl Chloride | 30.5 | | 0.79 | 5.00 | ug/Kg |
| 74-83-9 | Bromomethane | 37.9 | | 1.10 | 5.00 | ug/Kg |
| 75-00-3 | Chloroethane | 35.1 | | 1.30 | 5.00 | ug/Kg |
| 75-65-0 | Tert butyl alcohol | 110 | | 13.7 | 25.0 | ug/Kg |
| 75-35-4 | 1,1-Dichloroethene | 22.1 | | 1.00 | 5.00 | ug/Kg |
| 67-64-1 | Acetone | 100 | | 4.70 | 25.0 | ug/Kg |
| 75-15-0 | Carbon Disulfide | 21.4 | | 1.10 | 5.00 | ug/Kg |
| 1634-04-4 | Methyl tert-butyl Ether | 22.0 | | 0.73 | 5.00 | ug/Kg |
| 75-09-2 | Methylene Chloride | 20.1 | | 3.50 | 10.0 | ug/Kg |
| 156-60-5 | trans-1,2-Dichloroethene | 21.6 | | 0.86 | 5.00 | ug/Kg |
| 75-34-3 | 1,1-Dichloroethane | 21.4 | | 0.80 | 5.00 | ug/Kg |
| 78-93-3 | 2-Butanone | 100 | | 6.50 | 25.0 | ug/Kg |
| 56-23-5 | Carbon Tetrachloride | 20.7 | | 0.97 | 5.00 | ug/Kg |
| 156-59-2 | cis-1,2-Dichloroethene | 21.7 | | 0.75 | 5.00 | ug/Kg |
| 67-66-3 | Chloroform | 22.3 | | 0.84 | 5.00 | ug/Kg |
| 71-55-6 | 1,1,1-Trichloroethane | 21.5 | | 0.93 | 5.00 | ug/Kg |
| 71-43-2 | Benzene | 20.8 | | 0.79 | 5.00 | ug/Kg |
| 107-06-2 | 1,2-Dichloroethane | 21.3 | | 0.79 | 5.00 | ug/Kg |
| 79-01-6 | Trichloroethene | 20.6 | | 0.81 | 5.00 | ug/Kg |
| 78-87-5 | 1,2-Dichloropropane | 20.4 | | 0.91 | 5.00 | ug/Kg |
| 75-27-4 | Bromodichloromethane | 20.9 | | 0.78 | 5.00 | ug/Kg |
| 108-10-1 | 4-Methyl-2-Pentanone | 100 | | 3.60 | 25.0 | ug/Kg |
| 108-88-3 | Toluene | 20.0 | | 0.78 | 5.00 | ug/Kg |
| 10061-02-6 | t-1,3-Dichloropropene | 20.1 | | 0.65 | 5.00 | ug/Kg |
| 10061-01-5 | cis-1,3-Dichloropropene | 20.2 | | 0.62 | 5.00 | ug/Kg |
| 79-00-5 | 1,1,2-Trichloroethane | 21.1 | | 0.92 | 5.00 | ug/Kg |
| 591-78-6 | 2-Hexanone | 97.7 | | 3.70 | 25.0 | ug/Kg |
| 124-48-1 | Dibromochloromethane | 20.4 | | 0.87 | 5.00 | ug/Kg |
| 127-18-4 | Tetrachloroethene | 21.6 | | 1.10 | 5.00 | ug/Kg |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0520SBS01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0520SBS01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022331.D | 1 | | 05/20/25 10:21 | VY052025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | 20.5 | | 0.91 | 5.00 | ug/Kg |
| 100-41-4 | Ethyl Benzene | 19.8 | | 0.67 | 5.00 | ug/Kg |
| 179601-23-1 | m/p-Xylenes | 39.6 | | 1.20 | 10.0 | ug/Kg |
| 95-47-6 | o-Xylene | 20.2 | | 0.82 | 5.00 | ug/Kg |
| 100-42-5 | Styrene | 19.7 | | 0.71 | 5.00 | ug/Kg |
| 75-25-2 | Bromoform | 20.7 | | 0.86 | 5.00 | ug/Kg |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 20.7 | | 1.20 | 5.00 | ug/Kg |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 52.8 | | 63 - 155 | 106% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 52.0 | | 70 - 134 | 104% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 51.5 | | 74 - 123 | 103% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 47.7 | | 38 - 136 | 95% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 162000 | 7.707 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 281000 | 8.616 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 237000 | 11.42 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 111000 | 13.347 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0521SBS01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0521SBS01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022356.D | 1 | | 05/21/25 10:35 | VY052125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 74-87-3 | Chloromethane | 26.9 | | 1.10 | 5.00 | ug/Kg |
| 75-01-4 | Vinyl Chloride | 27.4 | | 0.79 | 5.00 | ug/Kg |
| 74-83-9 | Bromomethane | 37.2 | | 1.10 | 5.00 | ug/Kg |
| 75-00-3 | Chloroethane | 32.9 | | 1.30 | 5.00 | ug/Kg |
| 75-65-0 | Tert butyl alcohol | 100 | | 13.7 | 25.0 | ug/Kg |
| 75-35-4 | 1,1-Dichloroethene | 21.1 | | 1.00 | 5.00 | ug/Kg |
| 67-64-1 | Acetone | 94.0 | | 4.70 | 25.0 | ug/Kg |
| 75-15-0 | Carbon Disulfide | 20.3 | | 1.10 | 5.00 | ug/Kg |
| 1634-04-4 | Methyl tert-butyl Ether | 21.2 | | 0.73 | 5.00 | ug/Kg |
| 75-09-2 | Methylene Chloride | 19.5 | | 3.50 | 10.0 | ug/Kg |
| 156-60-5 | trans-1,2-Dichloroethene | 20.6 | | 0.86 | 5.00 | ug/Kg |
| 75-34-3 | 1,1-Dichloroethane | 20.3 | | 0.80 | 5.00 | ug/Kg |
| 78-93-3 | 2-Butanone | 96.3 | | 6.50 | 25.0 | ug/Kg |
| 56-23-5 | Carbon Tetrachloride | 19.8 | | 0.97 | 5.00 | ug/Kg |
| 156-59-2 | cis-1,2-Dichloroethene | 21.0 | | 0.75 | 5.00 | ug/Kg |
| 67-66-3 | Chloroform | 20.8 | | 0.84 | 5.00 | ug/Kg |
| 71-55-6 | 1,1,1-Trichloroethane | 20.1 | | 0.93 | 5.00 | ug/Kg |
| 71-43-2 | Benzene | 20.2 | | 0.79 | 5.00 | ug/Kg |
| 107-06-2 | 1,2-Dichloroethane | 20.4 | | 0.79 | 5.00 | ug/Kg |
| 79-01-6 | Trichloroethene | 20.2 | | 0.81 | 5.00 | ug/Kg |
| 78-87-5 | 1,2-Dichloropropane | 19.8 | | 0.91 | 5.00 | ug/Kg |
| 75-27-4 | Bromodichloromethane | 20.3 | | 0.78 | 5.00 | ug/Kg |
| 108-10-1 | 4-Methyl-2-Pentanone | 96.4 | | 3.60 | 25.0 | ug/Kg |
| 108-88-3 | Toluene | 19.9 | | 0.78 | 5.00 | ug/Kg |
| 10061-02-6 | t-1,3-Dichloropropene | 19.4 | | 0.65 | 5.00 | ug/Kg |
| 10061-01-5 | cis-1,3-Dichloropropene | 19.9 | | 0.62 | 5.00 | ug/Kg |
| 79-00-5 | 1,1,2-Trichloroethane | 20.8 | | 0.92 | 5.00 | ug/Kg |
| 591-78-6 | 2-Hexanone | 95.9 | | 3.70 | 25.0 | ug/Kg |
| 124-48-1 | Dibromochloromethane | 20.7 | | 0.87 | 5.00 | ug/Kg |
| 127-18-4 | Tetrachloroethene | 20.4 | | 1.10 | 5.00 | ug/Kg |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0521SBS01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0521SBS01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022356.D | 1 | | 05/21/25 10:35 | VY052125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | 20.2 | | 0.91 | 5.00 | ug/Kg |
| 100-41-4 | Ethyl Benzene | 19.3 | | 0.67 | 5.00 | ug/Kg |
| 179601-23-1 | m/p-Xylenes | 38.7 | | 1.20 | 10.0 | ug/Kg |
| 95-47-6 | o-Xylene | 19.4 | | 0.82 | 5.00 | ug/Kg |
| 100-42-5 | Styrene | 19.1 | | 0.71 | 5.00 | ug/Kg |
| 75-25-2 | Bromoform | 19.3 | | 0.86 | 5.00 | ug/Kg |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 20.9 | | 1.20 | 5.00 | ug/Kg |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 48.2 | | 63 - 155 | 96% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 48.4 | | 70 - 134 | 97% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 47.9 | | 74 - 123 | 96% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 45.4 | | 38 - 136 | 91% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 165000 | 7.713 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 280000 | 8.622 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 238000 | 11.42 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 110000 | 13.352 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0519SBSD01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0519SBSD01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022306.D | 1 | | 05/19/25 09:59 | VY051925 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 74-87-3 | Chloromethane | 26.7 | | 1.10 | 5.00 | ug/Kg |
| 75-01-4 | Vinyl Chloride | 27.0 | | 0.79 | 5.00 | ug/Kg |
| 74-83-9 | Bromomethane | 32.1 | | 1.10 | 5.00 | ug/Kg |
| 75-00-3 | Chloroethane | 29.6 | | 1.30 | 5.00 | ug/Kg |
| 75-65-0 | Tert butyl alcohol | 95.3 | | 13.7 | 25.0 | ug/Kg |
| 75-35-4 | 1,1-Dichloroethene | 21.7 | | 1.00 | 5.00 | ug/Kg |
| 67-64-1 | Acetone | 83.4 | | 4.70 | 25.0 | ug/Kg |
| 75-15-0 | Carbon Disulfide | 21.2 | | 1.10 | 5.00 | ug/Kg |
| 1634-04-4 | Methyl tert-butyl Ether | 20.8 | | 0.73 | 5.00 | ug/Kg |
| 75-09-2 | Methylene Chloride | 19.6 | | 3.50 | 10.0 | ug/Kg |
| 156-60-5 | trans-1,2-Dichloroethene | 21.3 | | 0.86 | 5.00 | ug/Kg |
| 75-34-3 | 1,1-Dichloroethane | 20.7 | | 0.80 | 5.00 | ug/Kg |
| 78-93-3 | 2-Butanone | 92.1 | | 6.50 | 25.0 | ug/Kg |
| 56-23-5 | Carbon Tetrachloride | 20.6 | | 0.97 | 5.00 | ug/Kg |
| 156-59-2 | cis-1,2-Dichloroethene | 21.1 | | 0.75 | 5.00 | ug/Kg |
| 67-66-3 | Chloroform | 21.5 | | 0.84 | 5.00 | ug/Kg |
| 71-55-6 | 1,1,1-Trichloroethane | 21.0 | | 0.93 | 5.00 | ug/Kg |
| 71-43-2 | Benzene | 20.7 | | 0.79 | 5.00 | ug/Kg |
| 107-06-2 | 1,2-Dichloroethane | 20.2 | | 0.79 | 5.00 | ug/Kg |
| 79-01-6 | Trichloroethene | 20.7 | | 0.81 | 5.00 | ug/Kg |
| 78-87-5 | 1,2-Dichloropropane | 20.2 | | 0.91 | 5.00 | ug/Kg |
| 75-27-4 | Bromodichloromethane | 20.5 | | 0.78 | 5.00 | ug/Kg |
| 108-10-1 | 4-Methyl-2-Pentanone | 94.3 | | 3.60 | 25.0 | ug/Kg |
| 108-88-3 | Toluene | 20.2 | | 0.78 | 5.00 | ug/Kg |
| 10061-02-6 | t-1,3-Dichloropropene | 19.6 | | 0.65 | 5.00 | ug/Kg |
| 10061-01-5 | cis-1,3-Dichloropropene | 20.3 | | 0.62 | 5.00 | ug/Kg |
| 79-00-5 | 1,1,2-Trichloroethane | 20.8 | | 0.92 | 5.00 | ug/Kg |
| 591-78-6 | 2-Hexanone | 92.4 | | 3.70 | 25.0 | ug/Kg |
| 124-48-1 | Dibromochloromethane | 19.9 | | 0.87 | 5.00 | ug/Kg |
| 127-18-4 | Tetrachloroethene | 20.3 | | 1.10 | 5.00 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Dover | Date Received: | |
| Client Sample ID: | VY0519SBSD01 | SDG No.: | Q2056 |
| Lab Sample ID: | VY0519SBSD01 | Matrix: | SOIL |
| Analytical Method: | 8260D | % Solid: | 100 |
| Sample Wt/Vol: | 5 Units: g | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VY022306.D | 1 | | 05/19/25 09:59 | VY051925 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | 20.5 | | 0.91 | 5.00 | ug/Kg |
| 100-41-4 | Ethyl Benzene | 19.9 | | 0.67 | 5.00 | ug/Kg |
| 179601-23-1 | m/p-Xylenes | 40.0 | | 1.20 | 10.0 | ug/Kg |
| 95-47-6 | o-Xylene | 20.0 | | 0.82 | 5.00 | ug/Kg |
| 100-42-5 | Styrene | 19.9 | | 0.71 | 5.00 | ug/Kg |
| 75-25-2 | Bromoform | 19.8 | | 0.86 | 5.00 | ug/Kg |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 21.2 | | 1.20 | 5.00 | ug/Kg |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 50.5 | | 63 - 155 | 101% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 50.8 | | 70 - 134 | 102% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 51.2 | | 74 - 123 | 102% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 47.5 | | 38 - 136 | 95% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 195000 | 7.707 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 332000 | 8.616 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 277000 | 11.414 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 128000 | 13.347 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

# CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
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Fax : 908 789 8922



# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG No.: Q2056

Instrument ID: MSVOA_Y Calibration Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:46 11:47

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022253.D RRF010 = VY022254.D RRF020 = VY022255.D
RRF050 = VY022256.D RRF100 = VY022257.D RRF150 = VY022258.D

| COMPOUND | RRF005 | RRF010 | RRF020 | RRF050 | RRF100 | RRF150 | $\overline{RRF}$ | % RSD |
|---|---|---|---|---|---|---|---|---|
| Chloromethane | 1.212 | 1.237 | 1.153 | 1.042 | 1.046 | 0.894 | 1.097 | 11.7 |
| Vinyl Chloride | 1.265 | 1.317 | 1.264 | 1.210 | 1.190 | 1.110 | 1.226 | 5.9 |
| Bromomethane | 1.107 | 1.033 | 1.058 | 0.877 | 0.955 | 0.959 | 0.998 | 8.3 |
| Chloroethane | 0.751 | 0.814 | 0.796 | 0.756 | 0.733 | 0.727 | 0.763 | 4.6 |
| Tert butyl alcohol | 0.045 | 0.045 | 0.037 | 0.039 | 0.042 | 0.042 | 0.042 | 7.7 |
| 1,1-Dichloroethene | 0.545 | 0.544 | 0.540 | 0.539 | 0.518 | 0.523 | 0.535 | 2.2 |
| Acetone | 0.126 | 0.114 | 0.096 | 0.093 | 0.094 | 0.092 | 0.102 | 13.6 |
| Carbon Disulfide | 1.768 | 1.822 | 1.764 | 1.753 | 1.679 | 1.679 | 1.744 | 3.2 |
| Methyl tert-butyl Ether | 1.463 | 1.523 | 1.393 | 1.459 | 1.504 | 1.507 | 1.475 | 3.2 |
| Methylene Chloride | 0.797 | 0.811 | 0.646 | 0.597 | 0.570 | 0.552 | 0.662 | 17.3 |
| trans-1,2-Dichloroethene | 0.577 | 0.609 | 0.603 | 0.592 | 0.580 | 0.581 | 0.590 | 2.2 |
| 1,1-Dichloroethane | 1.112 | 1.136 | 1.099 | 1.117 | 1.093 | 1.082 | 1.106 | 1.7 |
| 2-Butanone | 0.180 | 0.181 | 0.158 | 0.161 | 0.174 | 0.174 | 0.171 | 5.6 |
| Carbon Tetrachloride | 0.485 | 0.524 | 0.494 | 0.516 | 0.509 | 0.524 | 0.509 | 3.2 |
| cis-1,2-Dichloroethene | 0.662 | 0.687 | 0.668 | 0.691 | 0.687 | 0.693 | 0.681 | 1.9 |
| Chloroform | 1.032 | 1.079 | 1.067 | 1.079 | 1.054 | 1.057 | 1.061 | 1.7 |
| 1,1,1-Trichloroethane | 1.007 | 0.997 | 0.960 | 0.969 | 0.944 | 0.964 | 0.974 | 2.4 |
| Benzene | 1.369 | 1.462 | 1.435 | 1.499 | 1.482 | 1.496 | 1.457 | 3.4 |
| 1,2-Dichloroethane | 0.381 | 0.399 | 0.378 | 0.402 | 0.403 | 0.402 | 0.394 | 2.9 |
| Trichloroethene | 0.358 | 0.366 | 0.361 | 0.371 | 0.356 | 0.363 | 0.362 | 1.5 |
| 1,2-Dichloropropane | 0.337 | 0.361 | 0.344 | 0.357 | 0.354 | 0.355 | 0.351 | 2.6 |
| Bromodichloromethane | 0.466 | 0.494 | 0.476 | 0.506 | 0.504 | 0.504 | 0.492 | 3.4 |
| 4-Methyl-2-Pentanone | 0.238 | 0.247 | 0.230 | 0.253 | 0.275 | 0.275 | 0.253 | 7.4 |
| Toluene | 0.871 | 0.924 | 0.890 | 0.944 | 0.947 | 0.961 | 0.923 | 3.8 |
| t-1,3-Dichloropropene | 0.464 | 0.473 | 0.457 | 0.487 | 0.498 | 0.499 | 0.480 | 3.7 |
| cis-1,3-Dichloropropene | 0.523 | 0.548 | 0.535 | 0.562 | 0.562 | 0.568 | 0.550 | 3.2 |
| 1,1,2-Trichloroethane | 0.241 | 0.243 | 0.232 | 0.243 | 0.248 | 0.249 | 0.243 | 2.4 |
| 2-Hexanone | 0.167 | 0.167 | 0.151 | 0.166 | 0.183 | 0.185 | 0.170 | 7.4 |
| Dibromochloromethane | 0.296 | 0.314 | 0.298 | 0.323 | 0.329 | 0.330 | 0.315 | 4.9 |
| Tetrachloroethene | 0.474 | 0.481 | 0.470 | 0.474 | 0.446 | 0.429 | 0.462 | 4.4 |

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922



# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG No.: Q2056

Instrument ID: MSVOA_Y Calibration Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:46 11:47

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022253.D RRF010 = VY022254.D RRF020 = VY022255.D
RRF050 = VY022256.D RRF100 = VY022257.D RRF150 = VY022258.D

| COMPOUND | RRF005 | RRF010 | RRF020 | RRF050 | RRF100 | RRF150 | $\overline{RRF}$ | % RSD |
|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | 1.112 | 1.110 | 1.106 | 1.154 | 1.143 | 1.143 | 1.128 | 1.9 |
| Ethyl Benzene | 2.014 | 2.043 | 2.049 | 2.175 | 2.173 | 2.222 | 2.113 | 4.1 |
| m/p-Xylenes | 0.749 | 0.770 | 0.763 | 0.818 | 0.825 | 0.852 | 0.796 | 5.2 |
| o-Xylene | 0.704 | 0.741 | 0.723 | 0.768 | 0.782 | 0.802 | 0.753 | 4.9 |
| Styrene | 1.182 | 1.214 | 1.210 | 1.303 | 1.335 | 1.380 | 1.270 | 6.3 |
| Bromoform | 0.202 | 0.214 | 0.194 | 0.209 | 0.219 | 0.217 | 0.209 | 4.5 |
| 1,1,2,2-Tetrachloroethane | 0.656 | 0.647 | 0.581 | 0.628 | 0.645 | 0.666 | 0.637 | 4.8 |
| 1,2-Dichloroethane-d4 | 0.547 | 0.559 | 0.527 | 0.541 | 0.545 | 0.560 | 0.546 | 2.2 |
| Dibromofluoromethane | 0.294 | 0.294 | 0.294 | 0.301 | 0.297 | 0.310 | 0.298 | 2.2 |
| Toluene-d8 | 1.224 | 1.200 | 1.195 | 1.230 | 1.214 | 1.272 | 1.222 | 2.3 |
| 4-Bromofluorobenzene | 0.390 | 0.386 | 0.368 | 0.387 | 0.387 | 0.407 | 0.387 | 3.3 |

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922



## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG No.: Q2056

Instrument ID: MSVOA_Y Calibration Date/Time: 05/19/2025 08:27

Lab File ID: VY022303.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Chloromethane | 1.097 | 1.063 | 0.1 | -3.1 | 20 |
| Vinyl Chloride | 1.226 | 1.243 | | 1.39 | 20 |
| Bromomethane | 0.998 | 0.978 | | -2 | 20 |
| Chloroethane | 0.763 | 0.831 | | 8.91 | 20 |
| Tert butyl alcohol | 0.042 | 0.035 | | -16.67 | 20 |
| 1,1-Dichloroethene | 0.535 | 0.519 | | -2.99 | 20 |
| Acetone | 0.102 | 0.081 | | -20.59 | 20 |
| Carbon Disulfide | 1.744 | 1.645 | | -5.68 | 20 |
| Methyl tert-butyl Ether | 1.475 | 1.322 | | -10.37 | 20 |
| Methylene Chloride | 0.662 | 0.542 | | -18.13 | 20 |
| trans-1,2-Dichloroethene | 0.590 | 0.560 | | -5.09 | 20 |
| 1,1-Dichloroethane | 1.106 | 1.030 | 0.1 | -6.87 | 20 |
| 2-Butanone | 0.171 | 0.138 | | -19.3 | 20 |
| Carbon Tetrachloride | 0.509 | 0.500 | | -1.77 | 20 |
| cis-1,2-Dichloroethene | 0.681 | 0.638 | | -6.31 | 20 |
| Chloroform | 1.061 | 1.007 | | -5.09 | 20 |
| 1,1,1-Trichloroethane | 0.974 | 0.929 | | -4.62 | 20 |
| Benzene | 1.457 | 1.393 | | -4.39 | 20 |
| 1,2-Dichloroethane | 0.394 | 0.360 | | -8.63 | 20 |
| Trichloroethene | 0.362 | 0.349 | | -3.59 | 20 |
| 1,2-Dichloropropane | 0.351 | 0.327 | | -6.84 | 20 |
| Bromodichloromethane | 0.492 | 0.465 | | -5.49 | 20 |
| 4-Methyl-2-Pentanone | 0.253 | 0.213 | | -15.81 | 20 |
| Toluene | 0.923 | 0.871 | | -5.63 | 20 |
| t-1,3-Dichloropropene | 0.480 | 0.439 | | -8.54 | 20 |
| cis-1,3-Dichloropropene | 0.550 | 0.509 | | -7.45 | 20 |
| 1,1,2-Trichloroethane | 0.243 | 0.216 | | -11.11 | 20 |
| 2-Hexanone | 0.170 | 0.140 | | -17.65 | 20 |
| Dibromochloromethane | 0.315 | 0.296 | | -6.03 | 20 |
| Tetrachloroethene | 0.462 | 0.450 | | -2.6 | 20 |
| Chlorobenzene | 1.128 | 1.083 | 0.3 | -3.99 | 20 |
| Ethyl Benzene | 2.113 | 2.049 | | -3.03 | 20 |
| m/p-Xylenes | 0.796 | 0.767 | | -3.64 | 20 |
| o-Xylene | 0.753 | 0.714 | | -5.18 | 20 |
| Styrene | 1.270 | 1.195 | | -5.91 | 20 |
| Bromoform | 0.209 | 0.190 | 0.1 | -9.09 | 20 |
| 1,1,2,2-Tetrachloroethane | 0.637 | 0.599 | 0.3 | -5.97 | 20 |
| 1,2-Dichloroethane-d4 | 0.546 | 0.506 | | -7.33 | 20 |

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922



## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG No.: Q2056

Instrument ID: MSVOA_Y Calibration Date/Time: 05/19/2025 08:27

Lab File ID: VY022303.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dibromofluoromethane | 0.298 | 0.288 | | -3.36 | 20 |
| Toluene-d8 | 1.222 | 1.187 | | -2.86 | 20 |
| 4-Bromofluorobenzene | 0.387 | 0.356 | | -8.01 | 20 |

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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# VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG No.: Q2056

Instrument ID: MSVOA_Y Calibration Date/Time: 05/20/2025 08:40

Lab File ID: VY022329.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Chloromethane | 1.097 | 1.094 | 0.1 | -0.27 | 20 |
| Vinyl Chloride | 1.226 | 1.524 | | 24.31 | 20 |
| Bromomethane | 0.998 | 1.160 | | 16.23 | 20 |
| Chloroethane | 0.763 | 1.012 | | 32.63 | 20 |
| Tert butyl alcohol | 0.042 | 0.036 | | -14.29 | 20 |
| 1,1-Dichloroethene | 0.535 | 0.534 | | -0.19 | 20 |
| Acetone | 0.102 | 0.091 | | -10.78 | 20 |
| Carbon Disulfide | 1.744 | 1.711 | | -1.89 | 20 |
| Methyl tert-butyl Ether | 1.475 | 1.383 | | -6.24 | 20 |
| Methylene Chloride | 0.662 | 0.582 | | -12.09 | 20 |
| trans-1,2-Dichloroethene | 0.590 | 0.583 | | -1.19 | 20 |
| 1,1-Dichloroethane | 1.106 | 1.085 | 0.1 | -1.9 | 20 |
| 2-Butanone | 0.171 | 0.147 | | -14.03 | 20 |
| Carbon Tetrachloride | 0.509 | 0.517 | | 1.57 | 20 |
| cis-1,2-Dichloroethene | 0.681 | 0.683 | | 0.29 | 20 |
| Chloroform | 1.061 | 1.059 | | -0.19 | 20 |
| 1,1,1-Trichloroethane | 0.974 | 0.966 | | -0.82 | 20 |
| Benzene | 1.457 | 1.473 | | 1.1 | 20 |
| 1,2-Dichloroethane | 0.394 | 0.380 | | -3.55 | 20 |
| Trichloroethene | 0.362 | 0.364 | | 0.55 | 20 |
| 1,2-Dichloropropane | 0.351 | 0.346 | | -1.42 | 20 |
| Bromodichloromethane | 0.492 | 0.489 | | -0.61 | 20 |
| 4-Methyl-2-Pentanone | 0.253 | 0.220 | | -13.04 | 20 |
| Toluene | 0.923 | 0.912 | | -1.19 | 20 |
| t-1,3-Dichloropropene | 0.480 | 0.458 | | -4.58 | 20 |
| cis-1,3-Dichloropropene | 0.550 | 0.528 | | -4 | 20 |
| 1,1,2-Trichloroethane | 0.243 | 0.233 | | -4.11 | 20 |
| 2-Hexanone | 0.170 | 0.145 | | -14.71 | 20 |
| Dibromochloromethane | 0.315 | 0.304 | | -3.49 | 20 |
| Tetrachloroethene | 0.462 | 0.471 | | 1.95 | 20 |
| Chlorobenzene | 1.128 | 1.122 | 0.3 | -0.53 | 20 |
| Ethyl Benzene | 2.113 | 2.120 | | 0.33 | 20 |
| m/p-Xylenes | 0.796 | 0.803 | | 0.88 | 20 |
| o-Xylene | 0.753 | 0.738 | | -1.99 | 20 |
| Styrene | 1.270 | 1.255 | | -1.18 | 20 |
| Bromoform | 0.209 | 0.191 | 0.1 | -8.61 | 20 |
| 1,1,2,2-Tetrachloroethane | 0.637 | 0.595 | 0.3 | -6.59 | 20 |
| 1,2-Dichloroethane-d4 | 0.546 | 0.533 | | -2.38 | 20 |

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG No.: Q2056

Instrument ID: MSVOA_Y Calibration Date/Time: 05/20/2025 08:40

Lab File ID: VY022329.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dibromofluoromethane | 0.298 | 0.305 | | 2.35 | 20 |
| Toluene-d8 | 1.222 | 1.259 | | 3.03 | 20 |
| 4-Bromofluorobenzene | 0.387 | 0.375 | | -3.1 | 20 |

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG No.: Q2056

Instrument ID: MSVOA_Y Calibration Date/Time: 05/21/2025 09:33

Lab File ID: VY022354.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Chloromethane | 1.097 | 1.290 | 0.1 | 17.59 | 20 |
| Vinyl Chloride | 1.226 | 1.539 | | 25.53 | 20 |
| Bromomethane | 0.998 | 1.409 | | 41.18 | 20 |
| Chloroethane | 0.763 | 1.105 | | 44.69 | 20 |
| Tert butyl alcohol | 0.042 | 0.036 | | -14.29 | 20 |
| 1,1-Dichloroethene | 0.535 | 0.539 | | 0.75 | 20 |
| Acetone | 0.102 | 0.081 | | -20.59 | 20 |
| Carbon Disulfide | 1.744 | 1.671 | | -4.19 | 20 |
| Methyl tert-butyl Ether | 1.475 | 1.411 | | -4.34 | 20 |
| Methylene Chloride | 0.662 | 0.589 | | -11.03 | 20 |
| trans-1,2-Dichloroethene | 0.590 | 0.587 | | -0.51 | 20 |
| 1,1-Dichloroethane | 1.106 | 1.086 | 0.1 | -1.81 | 20 |
| 2-Butanone | 0.171 | 0.140 | | -18.13 | 20 |
| Carbon Tetrachloride | 0.509 | 0.504 | | -0.98 | 20 |
| cis-1,2-Dichloroethene | 0.681 | 0.680 | | -0.15 | 20 |
| Chloroform | 1.061 | 1.076 | | 1.41 | 20 |
| 1,1,1-Trichloroethane | 0.974 | 0.959 | | -1.54 | 20 |
| Benzene | 1.457 | 1.462 | | 0.34 | 20 |
| 1,2-Dichloroethane | 0.394 | 0.380 | | -3.55 | 20 |
| Trichloroethene | 0.362 | 0.361 | | -0.28 | 20 |
| 1,2-Dichloropropane | 0.351 | 0.344 | | -1.99 | 20 |
| Bromodichloromethane | 0.492 | 0.488 | | -0.81 | 20 |
| 4-Methyl-2-Pentanone | 0.253 | 0.218 | | -13.83 | 20 |
| Toluene | 0.923 | 0.907 | | -1.73 | 20 |
| t-1,3-Dichloropropene | 0.480 | 0.454 | | -5.42 | 20 |
| cis-1,3-Dichloropropene | 0.550 | 0.532 | | -3.27 | 20 |
| 1,1,2-Trichloroethane | 0.243 | 0.239 | | -1.65 | 20 |
| 2-Hexanone | 0.170 | 0.144 | | -15.29 | 20 |
| Dibromochloromethane | 0.315 | 0.315 | | 0 | 20 |
| Tetrachloroethene | 0.462 | 0.450 | | -2.6 | 20 |
| Chlorobenzene | 1.128 | 1.102 | 0.3 | -2.31 | 20 |
| Ethyl Benzene | 2.113 | 2.073 | | -1.89 | 20 |
| m/p-Xylenes | 0.796 | 0.779 | | -2.14 | 20 |
| o-Xylene | 0.753 | 0.748 | | -0.66 | 20 |
| Styrene | 1.270 | 1.247 | | -1.81 | 20 |
| Bromoform | 0.209 | 0.194 | 0.1 | -7.18 | 20 |
| 1,1,2,2-Tetrachloroethane | 0.637 | 0.611 | 0.3 | -4.08 | 20 |
| 1,2-Dichloroethane-d4 | 0.546 | 0.529 | | -3.11 | 20 |

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2056 SAS No.: Q2056 SDG No.: Q2056

Instrument ID: MSVOA_Y Calibration Date/Time: 05/21/2025 09:33

Lab File ID: VY022354.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dibromofluoromethane | 0.298 | 0.305 | | 2.35 | 20 |
| Toluene-d8 | 1.222 | 1.247 | | 2.05 | 20 |
| 4-Bromofluorobenzene | 0.387 | 0.377 | | -2.58 | 20 |

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

# SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022326.D
Acq On : 19 May 2025 18:06
Operator : SY/MD
Sample : Q2056-01
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD11

Quant Time: May 20 01:17:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

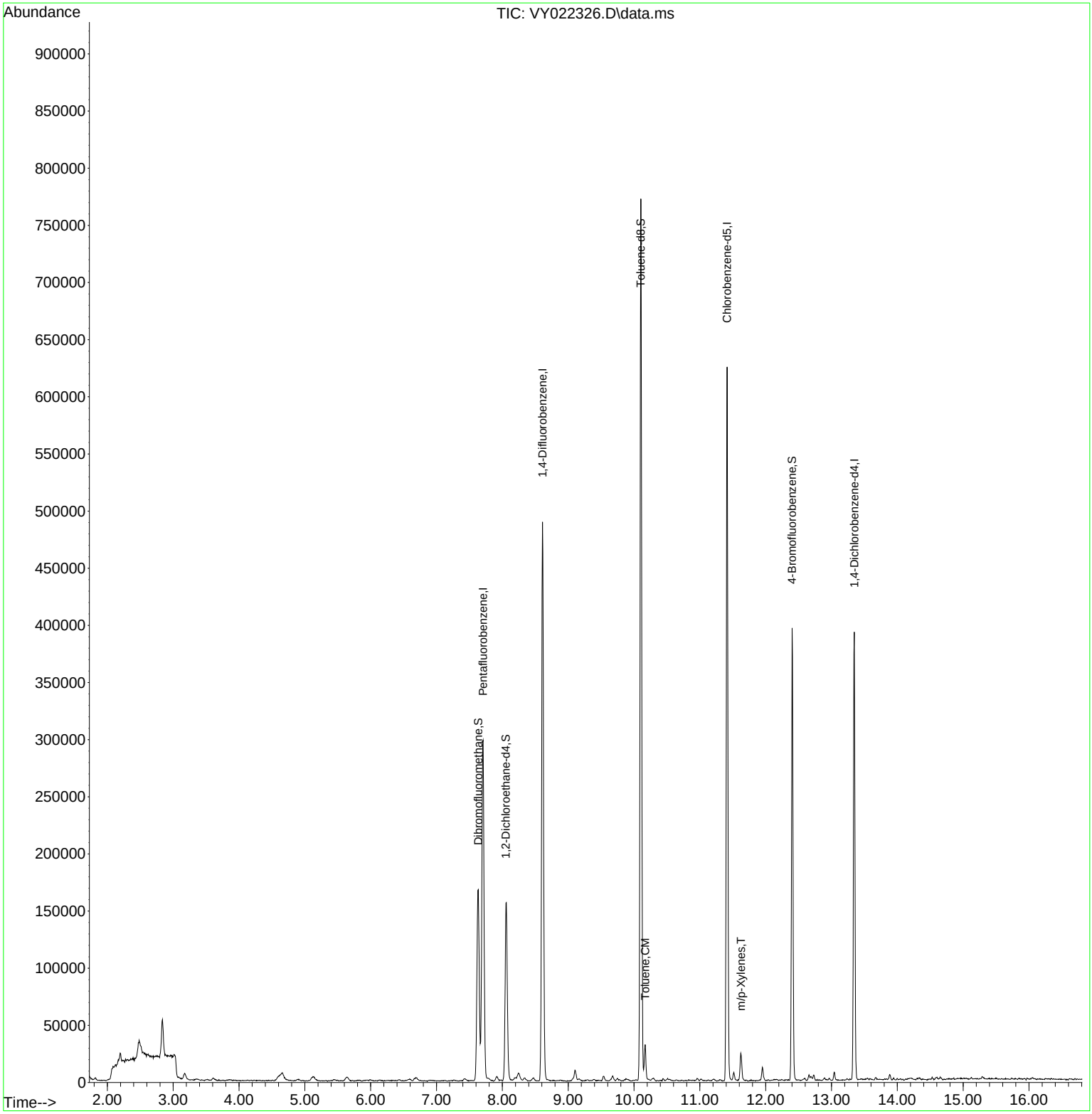
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.707 | 168 | 223481 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.610 | 114 | 406573 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.414 | 117 | 303031 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152 | 89910 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.055 | 65 | 118272 | 48.424 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 96.840% | | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 119461 | 49.228 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 98.460% | | | |
| 50) Toluene-d8 | 10.103 | 98 | 475704 | 47.864 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 95.720% | | | |
| 62) 4-Bromofluorobenzene | 12.402 | 95 | 110208 | 34.985 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 69.960% | | | |
| Target Compounds | | | | | | Qvalue |
| 52) Toluene | 10.170 | 92 | 11893 | 1.585 | ug/l | 96 |
| 68) m/p-Xylenes | 11.627 | 106 | 6737 | 1.396 | ug/l | 95 |

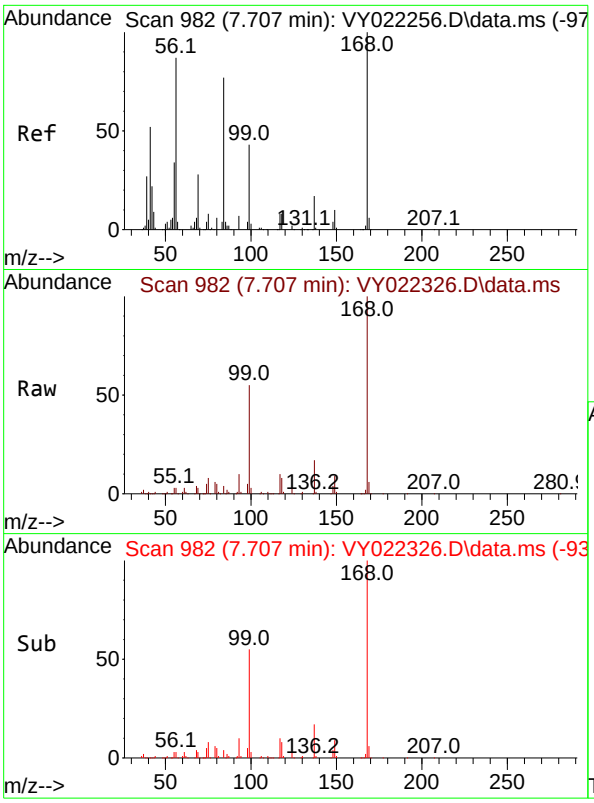
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022326.D
Acq On : 19 May 2025 18:06
Operator : SY/MD
Sample : Q2056-01
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD11

Quant Time: May 20 01:17:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration



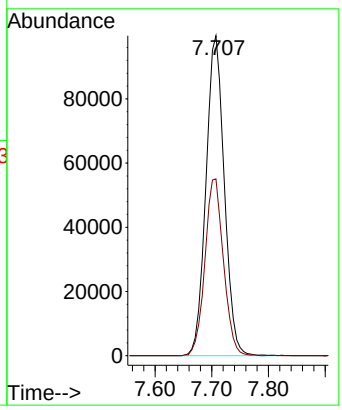


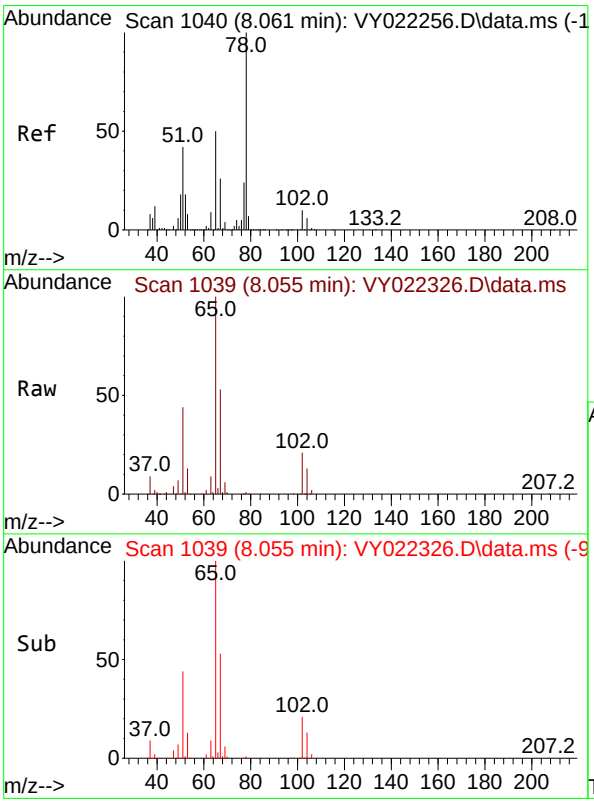

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD11

Tgt Ion:168 Resp: 223481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.3 | 44.2 | 66.4 |

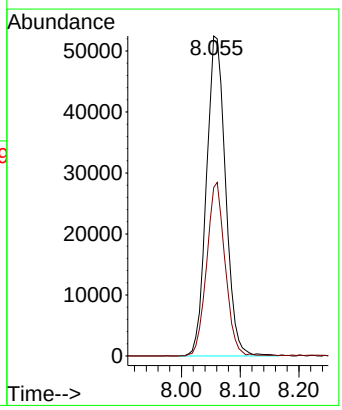


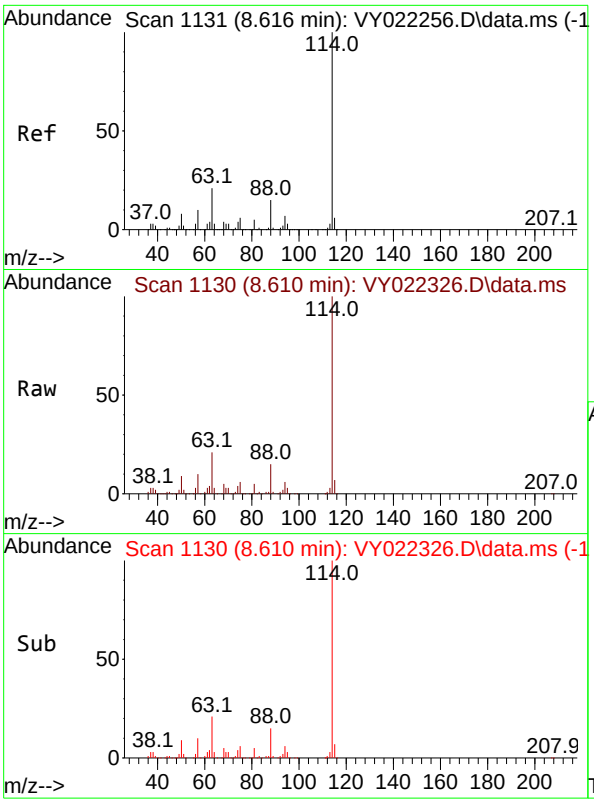




#33
1,2-Dichloroethane-d4
Concen: 48.424 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

Tgt Ion: 65 Resp: 118272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.6 | 0.0 | 104.6 |



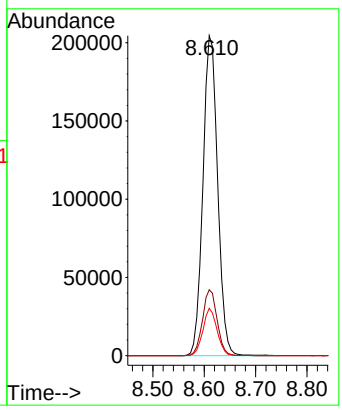


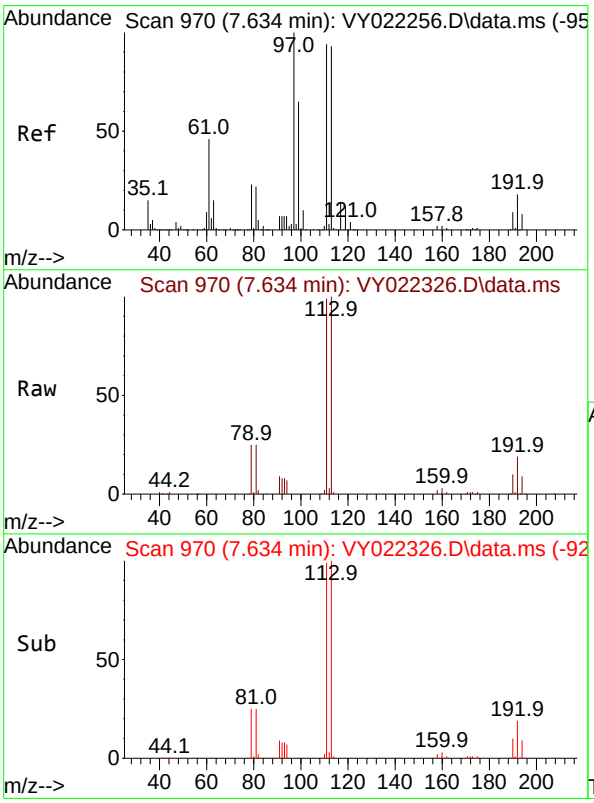

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD11

Tgt Ion:114 Resp: 406573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.6 | 0.0 | 41.0 |
| 88 | 14.8 | 0.0 | 29.4 |

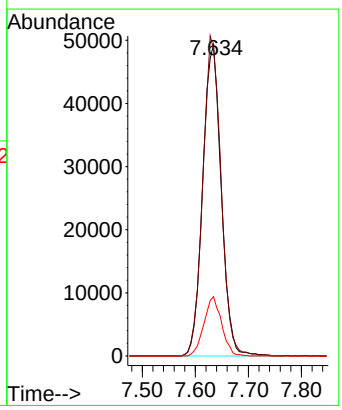


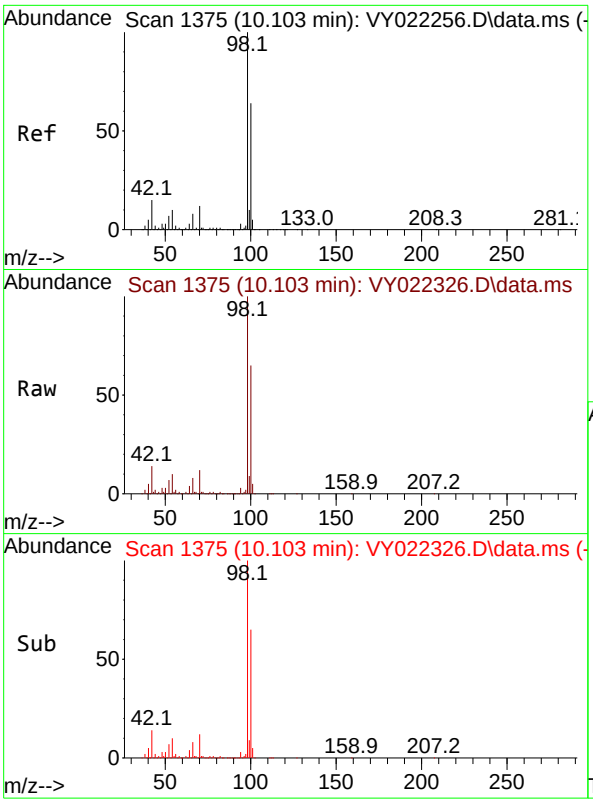




#35
Dibromofluoromethane
Concen: 49.228 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

Tgt Ion:113 Resp: 119461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.4 | 82.6 | 123.8 |
| 192 | 18.2 | 15.2 | 22.8 |



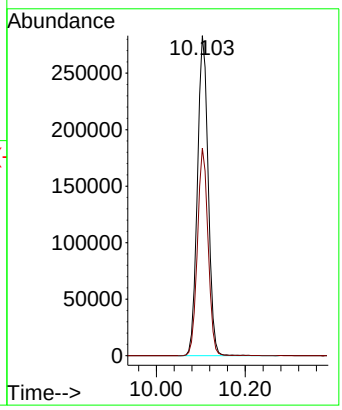


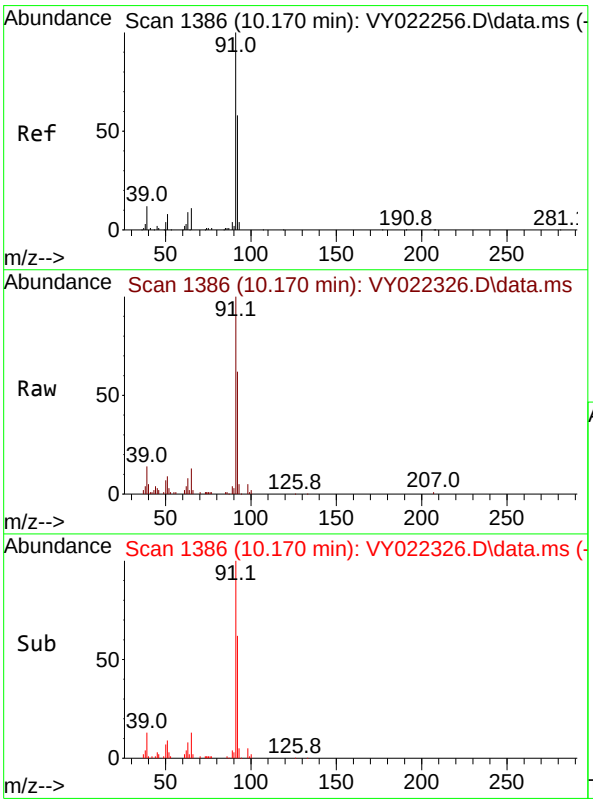

#50
Toluene-d8
Concen: 47.864 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD11

Tgt Ion: 98 Resp: 475704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.0 | 51.8 | 77.8 |

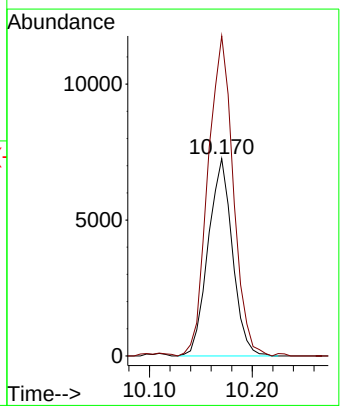


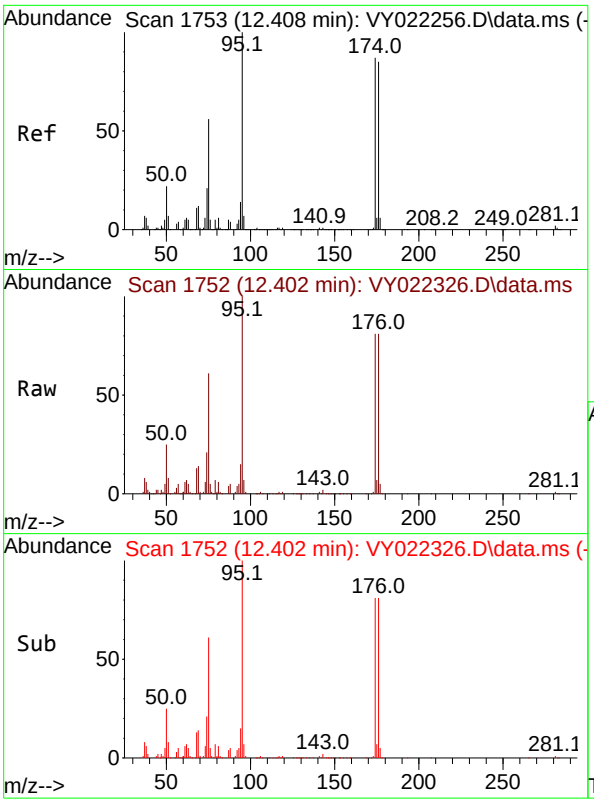




#52
Toluene
Concen: 1.585 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

Tgt Ion: 92 Resp: 11893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.9 | 139.1 | 208.7 |



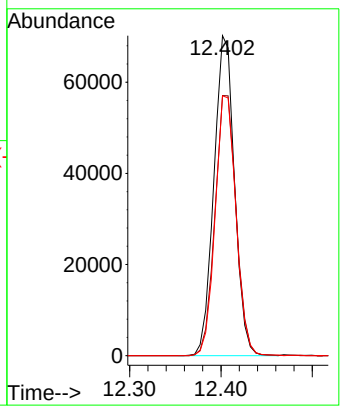


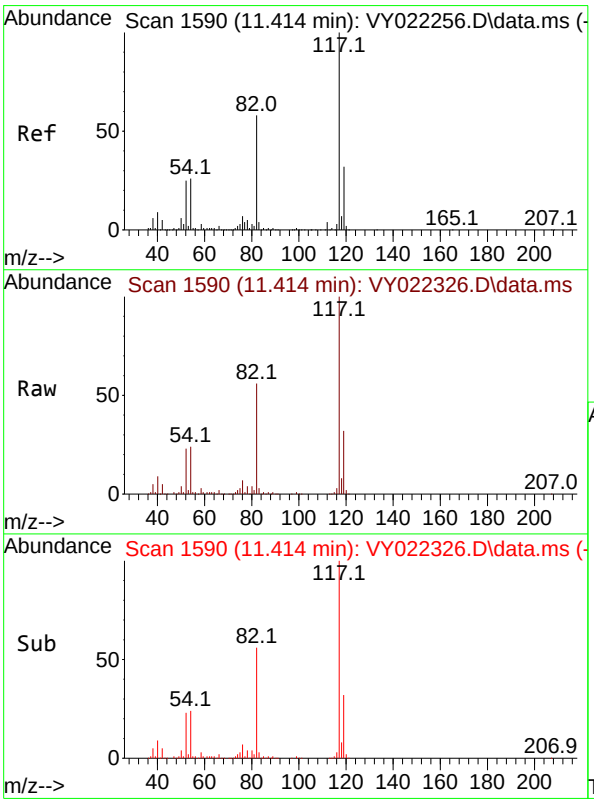

#62
4-Bromofluorobenzene
Concen: 34.985 ug/l
RT: 12.402 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD11

Tgt Ion: 95 Resp: 110208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 83.6 | 0.0 | 166.8 |
| 176 | 81.8 | 0.0 | 160.8 |

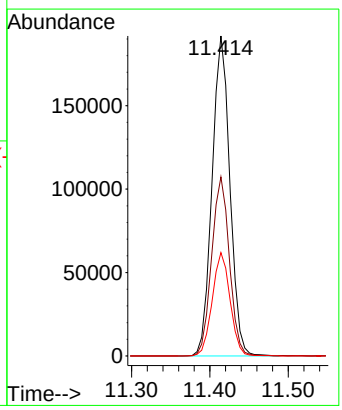


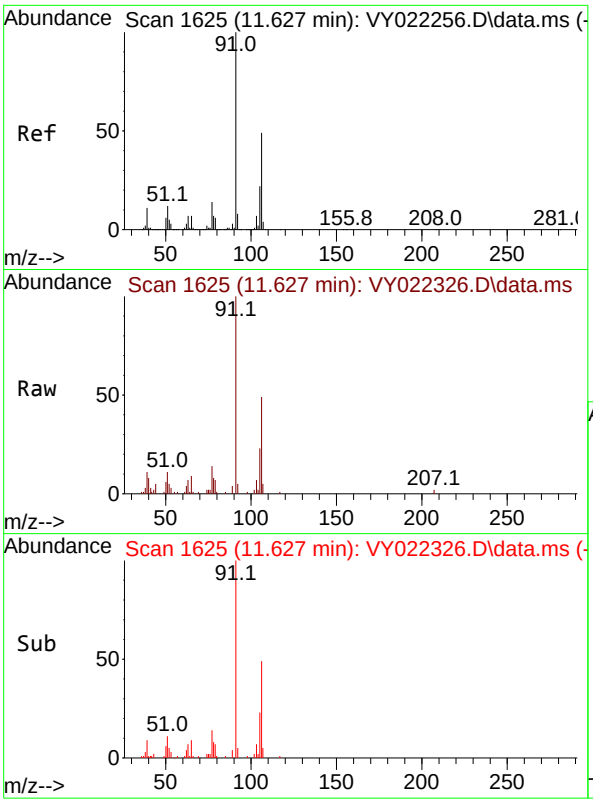




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

Tgt Ion:117 Resp: 303031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.0 | 46.6 | 70.0 |
| 119 | 32.3 | 25.8 | 38.6 |



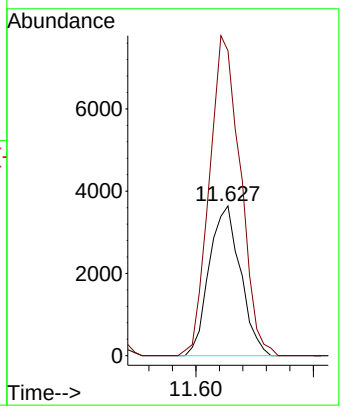


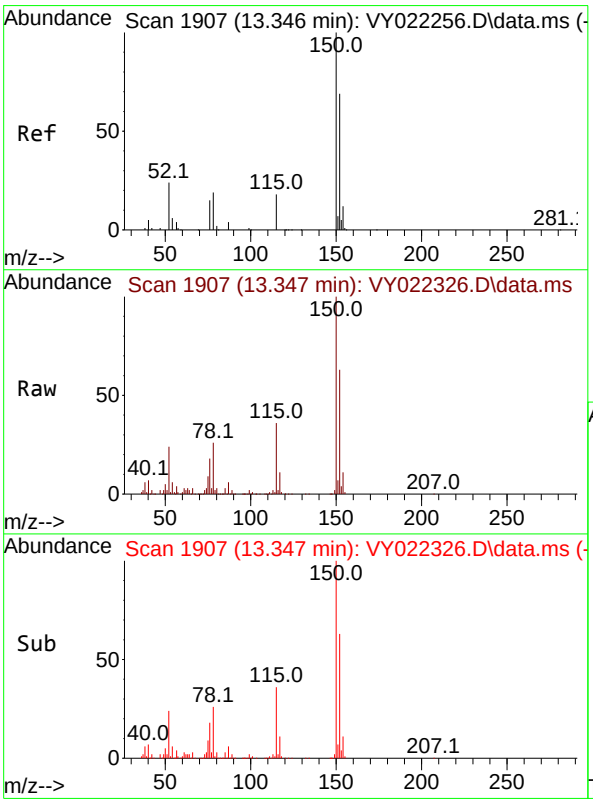

#68
m/p-Xylenes
Concen: 1.396 ug/l
RT: 11.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD11

Tgt Ion:106 Resp: 6737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.9 | 163.0 | 244.4 |

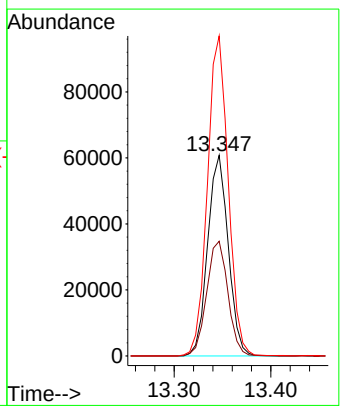



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022326.D
Acq: 19 May 2025 18:06

Tgt Ion:152 Resp: 89910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.2 | 29.4 | 88.2 |
| 150 | 160.7 | 0.0 | 353.8 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022326.D
Acq On : 19 May 2025 18:06
Operator : SY/MD
Sample : Q2056-01
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD11

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Title : SW846 8260

Signal : TIC: VY022326.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.196 | 71 | 78 | 82 | rBV3 | 9165 | 19081 | 1.47% | 0.307% |
| 2 | 2.483 | 119 | 125 | 133 | rBV4 | 13843 | 42278 | 3.25% | 0.680% |
| 3 | 2.836 | 178 | 183 | 189 | rVB | 31182 | 61044 | 4.70% | 0.982% |
| 4 | 7.634 | 958 | 970 | 975 | rBV | 167208 | 406826 | 31.30% | 6.542% |
| 5 | 7.707 | 975 | 982 | 993 | rVB | 296091 | 683260 | 52.56% | 10.987% |
| 6 | 8.061 | 1030 | 1040 | 1052 | rBV | 156281 | 359347 | 27.64% | 5.778% |
| 7 | 8.244 | 1065 | 1070 | 1081 | rVB3 | 6162 | 16481 | 1.27% | 0.265% |
| 8 | 8.610 | 1120 | 1130 | 1141 | rBV | 489160 | 967783 | 74.45% | 15.562% |
| 9 | 9.103 | 1201 | 1211 | 1218 | rBV5 | 9512 | 23961 | 1.84% | 0.385% |
| 10 | 10.103 | 1367 | 1375 | 1382 | rBV | 771338 | 1299873 | 100.00% | 20.902% |
| 11 | 10.170 | 1382 | 1386 | 1393 | rVB | 30627 | 51150 | 3.93% | 0.822% |
| 12 | 11.414 | 1582 | 1590 | 1602 | rBV | 624774 | 995640 | 76.60% | 16.010% |
| 13 | 11.621 | 1618 | 1624 | 1634 | rVV2 | 23762 | 45433 | 3.50% | 0.731% |
| 14 | 11.950 | 1672 | 1678 | 1687 | rVB3 | 11788 | 21352 | 1.64% | 0.343% |
| 15 | 12.402 | 1746 | 1752 | 1764 | rVB | 395726 | 620931 | 47.77% | 9.984% |
| 16 | 13.347 | 1900 | 1907 | 1916 | rVB | 391932 | 604546 | 46.51% | 9.721% |

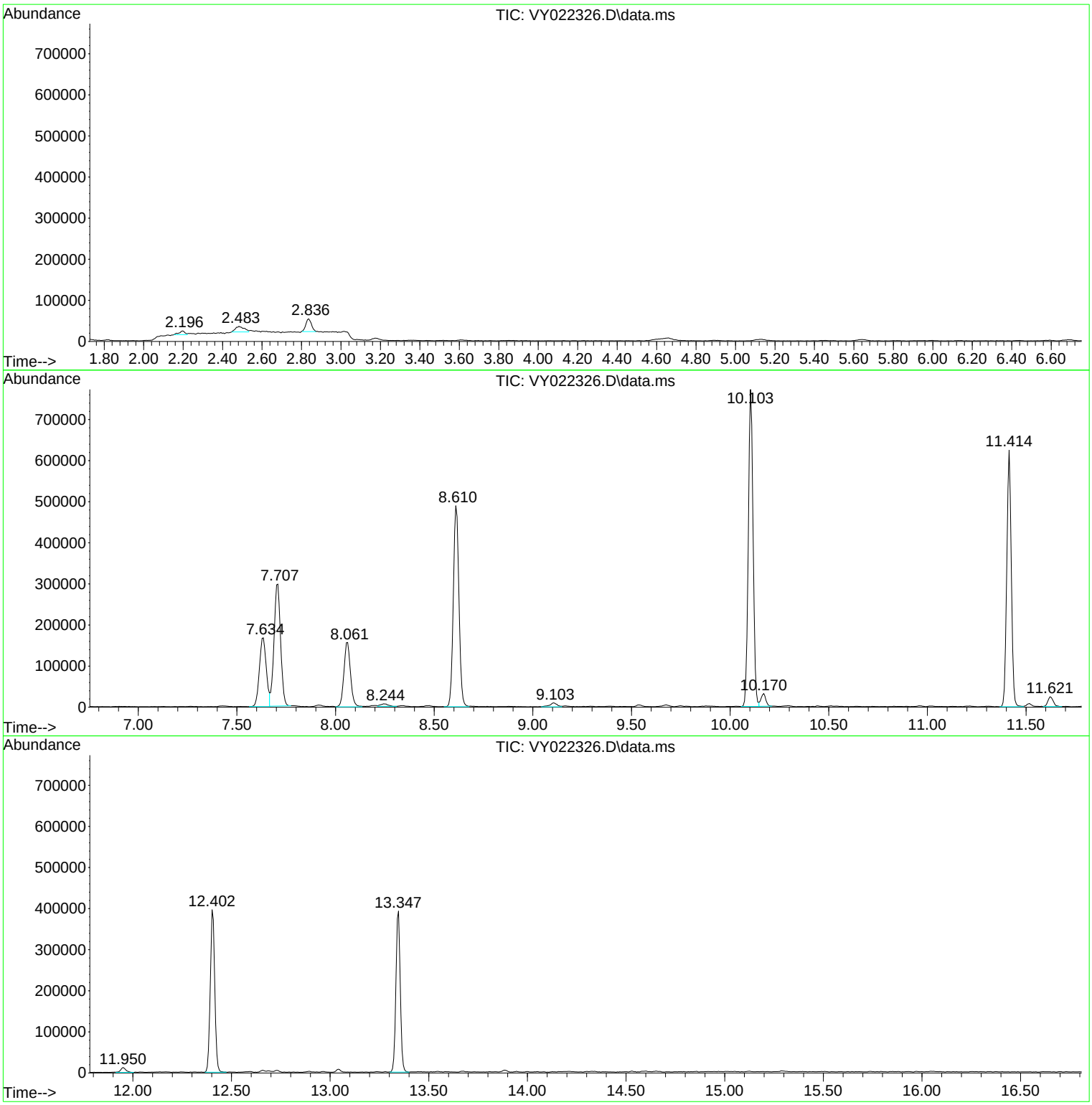
Sum of corrected areas: 6218986

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022326.D
Acq On : 19 May 2025 18:06
Operator : SY/MD
Sample : Q2056-01
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD11

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022326.D
Acq On : 19 May 2025 18:06
Operator : SY/MD
Sample : Q2056-01
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD11

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022326.D
Acq On : 19 May 2025 18:06
Operator : SY/MD
Sample : Q2056-01
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD11

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | Internal Standard # | Internal Standard RT | Internal Standard Resp | Internal Standard Conc |
|---|---|---|---|---|---|---|---|---|

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022336.D
Acq On : 20 May 2025 12:38
Operator : SY/MD
Sample : Q2056-02
Misc : 6.82g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD12

Quant Time: May 21 01:47:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

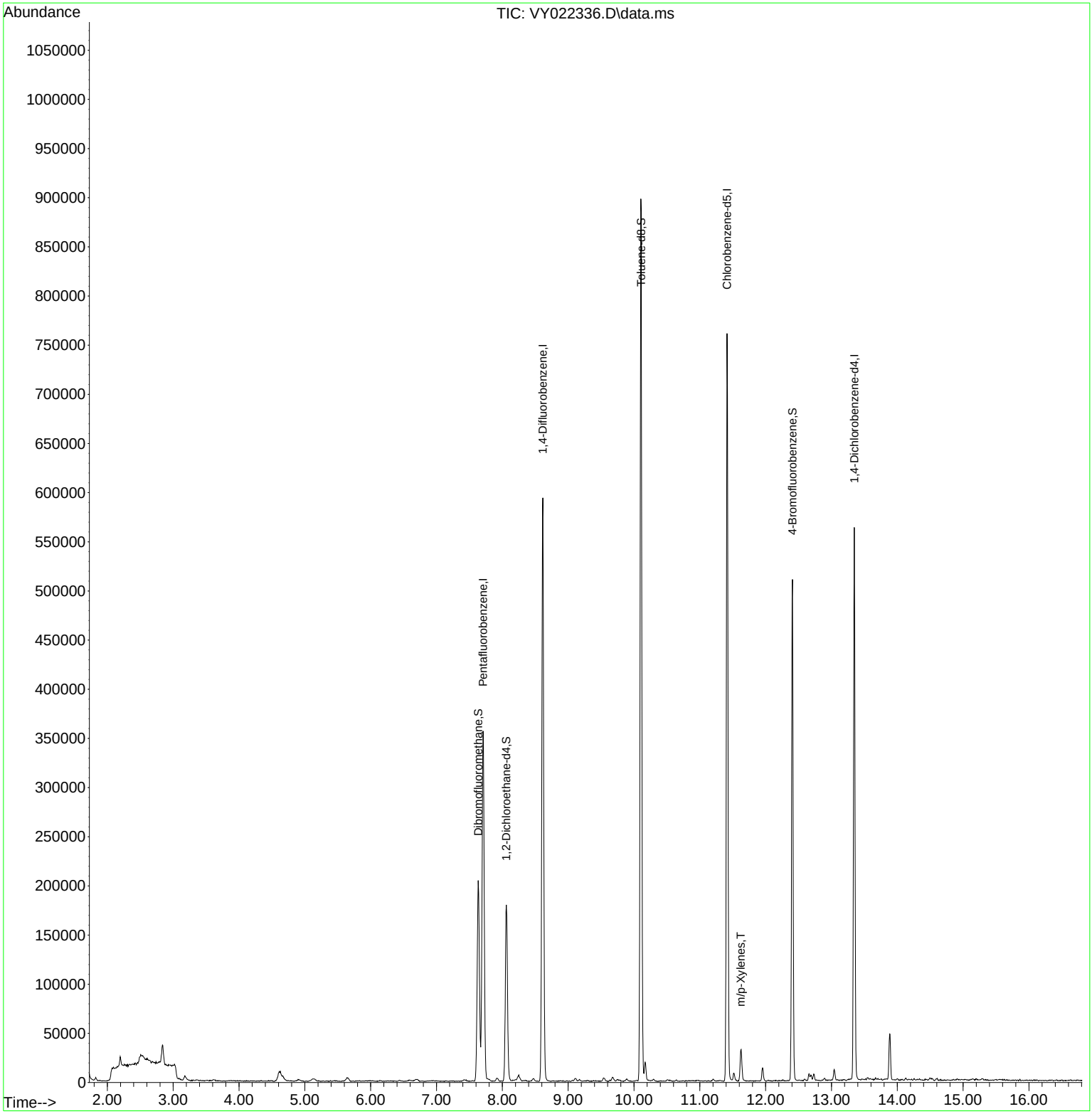
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.707 | 168 | 269526 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.615 | 114 | 481628 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.414 | 117 | 373395 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152 | 128914 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.061 | 65 | 133163 | 45.206 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 90.420% | | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 139671 | 48.587 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 97.180% | | | |
| 50) Toluene-d8 | 10.109 | 98 | 568849 | 48.317 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 96.640% | | | |
| 62) 4-Bromofluorobenzene | 12.407 | 95 | 139726 | 37.443 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 74.880% | | | |
| Target Compounds | | | | | | Qvalue |
| 68) m/p-Xylenes | 11.621 | 106 | 9725 | 1.636 | ug/l | 96 |

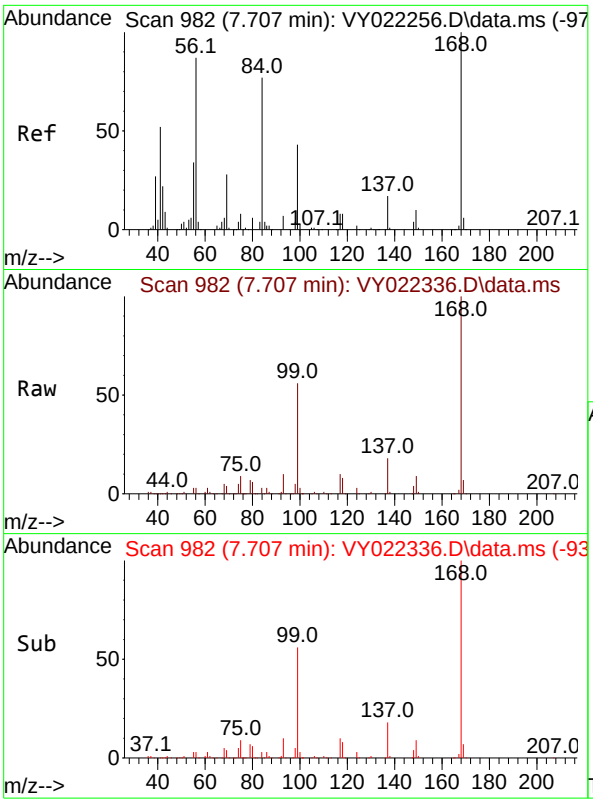
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022336.D
Acq On : 20 May 2025 12:38
Operator : SY/MD
Sample : Q2056-02
Misc : 6.82g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD12

Quant Time: May 21 01:47:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration



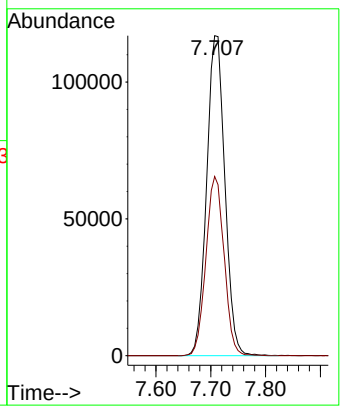


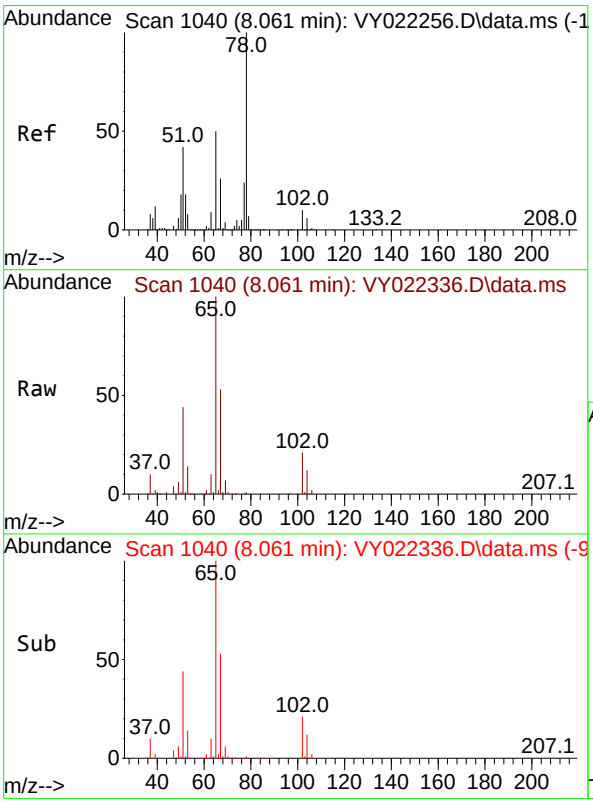

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD12

Tgt Ion:168 Resp: 269526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.0 | 44.2 | 66.4 |

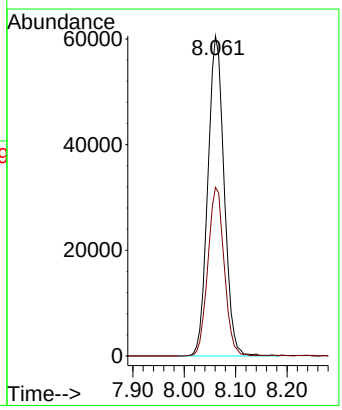


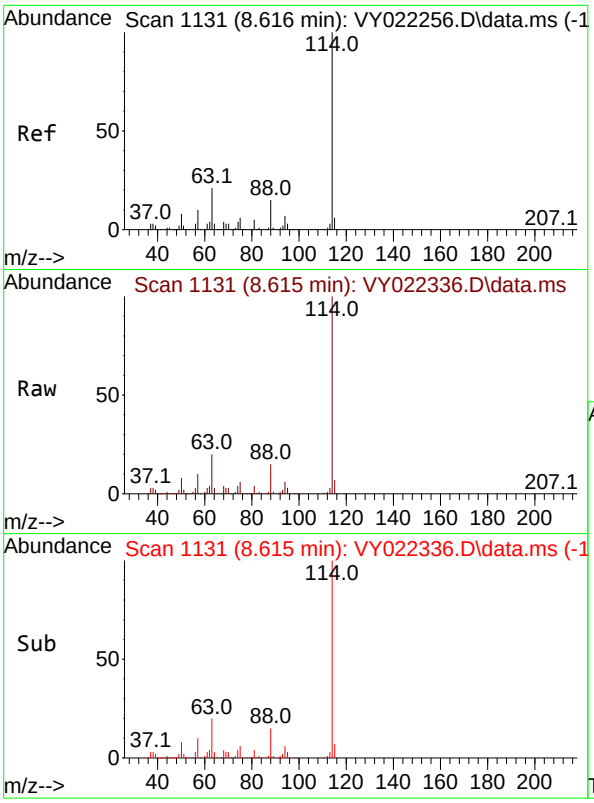




#33
1,2-Dichloroethane-d4
Concen: 45.206 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

Tgt Ion: 65 Resp: 133163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.8 | 0.0 | 104.6 |



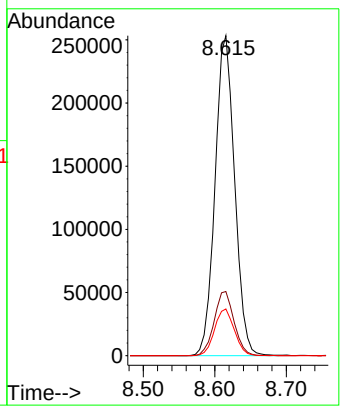


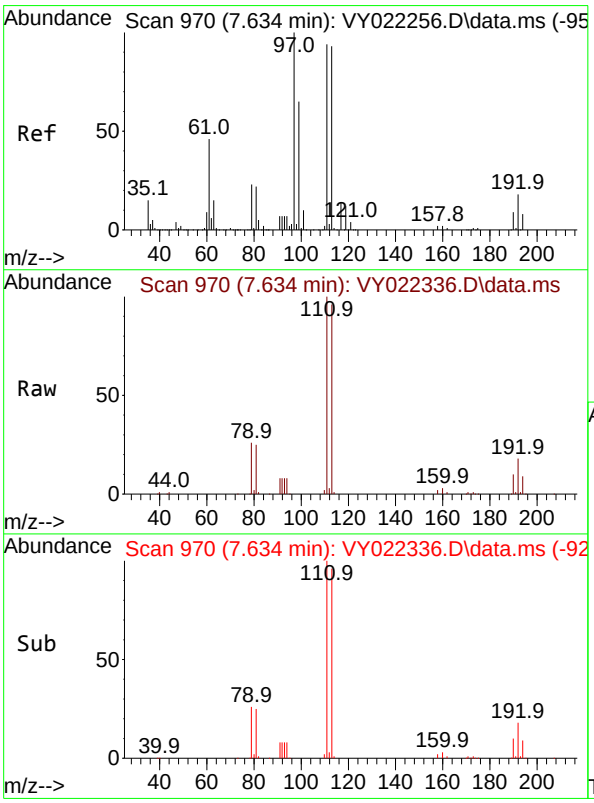

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD12

Tgt Ion:114 Resp: 481628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.1 | 0.0 | 41.0 |
| 88 | 14.6 | 0.0 | 29.4 |

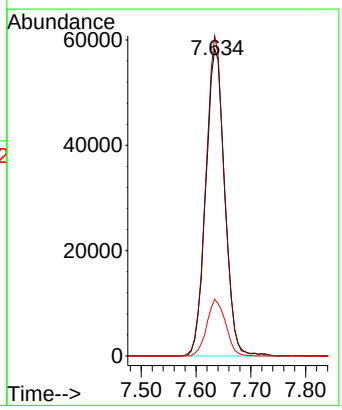


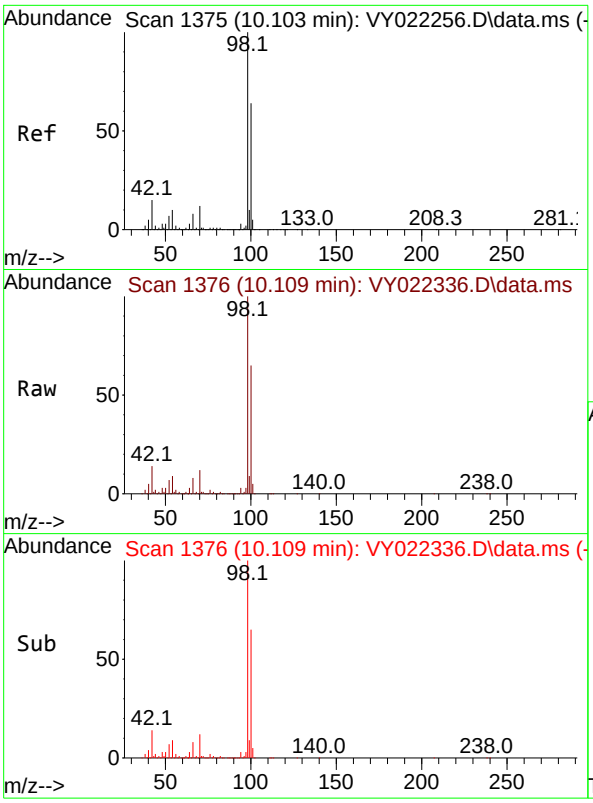




#35
Dibromofluoromethane
Concen: 48.587 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

Tgt Ion:113 Resp: 139671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.1 | 82.6 | 123.8 |
| 192 | 18.3 | 15.2 | 22.8 |



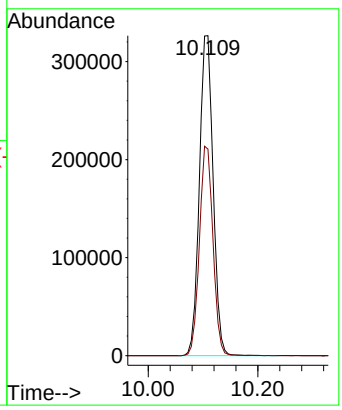


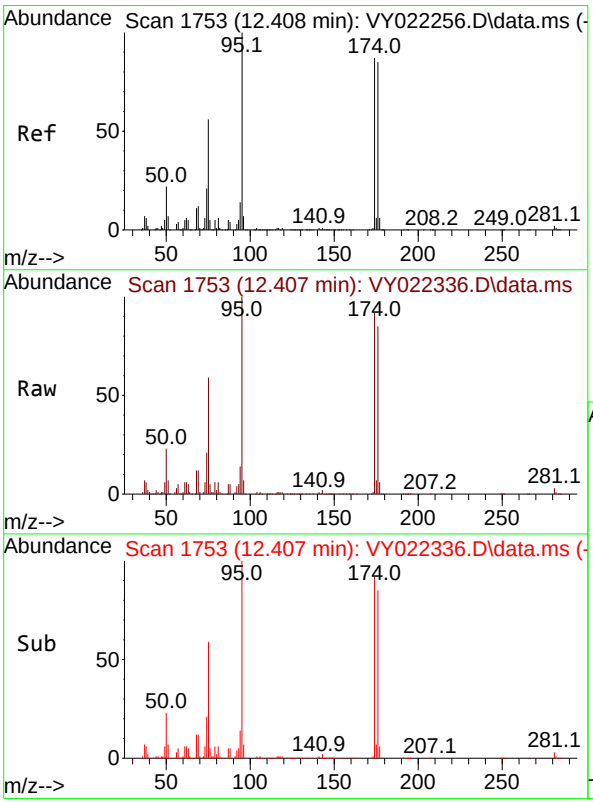

#50
Toluene-d8
Concen: 48.317 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD12

Tgt Ion: 98 Resp: 568849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.5 | 51.8 | 77.8 |

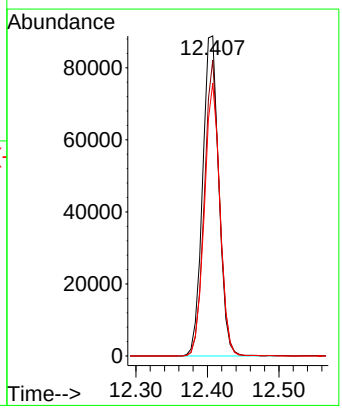


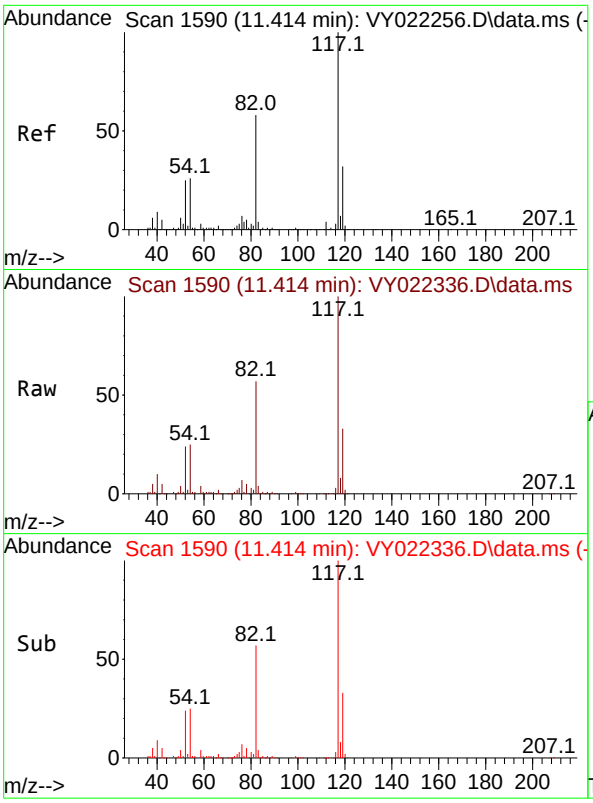




#62
4-Bromofluorobenzene
Concen: 37.443 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

Tgt Ion: 95 Resp: 139726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 86.5 | 0.0 | 166.8 |
| 176 | 82.2 | 0.0 | 160.8 |



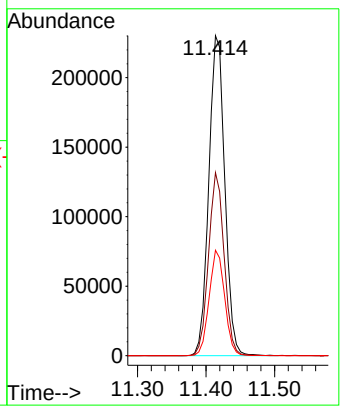


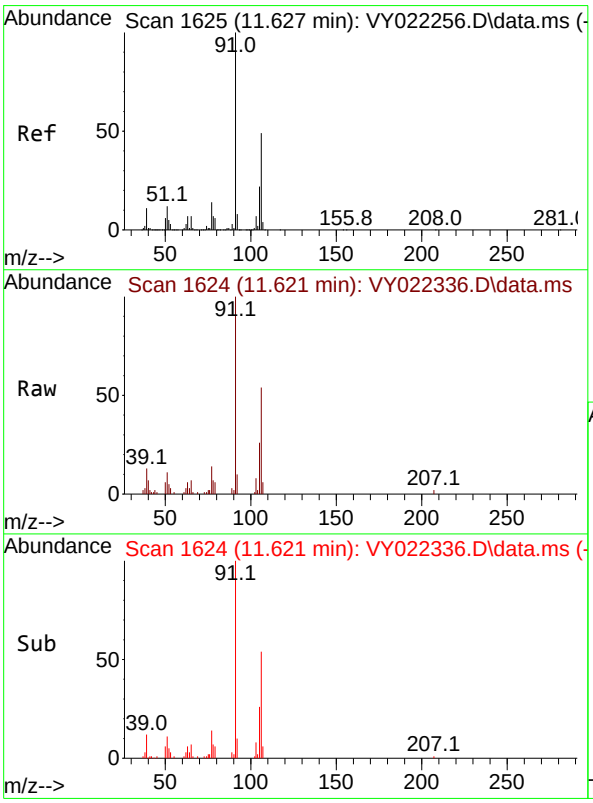

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD12

Tgt Ion:117 Resp: 373395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.2 | 46.6 | 70.0 |
| 119 | 32.9 | 25.8 | 38.6 |

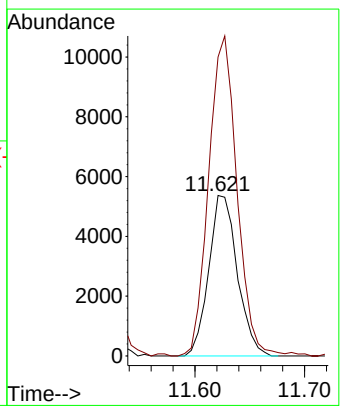


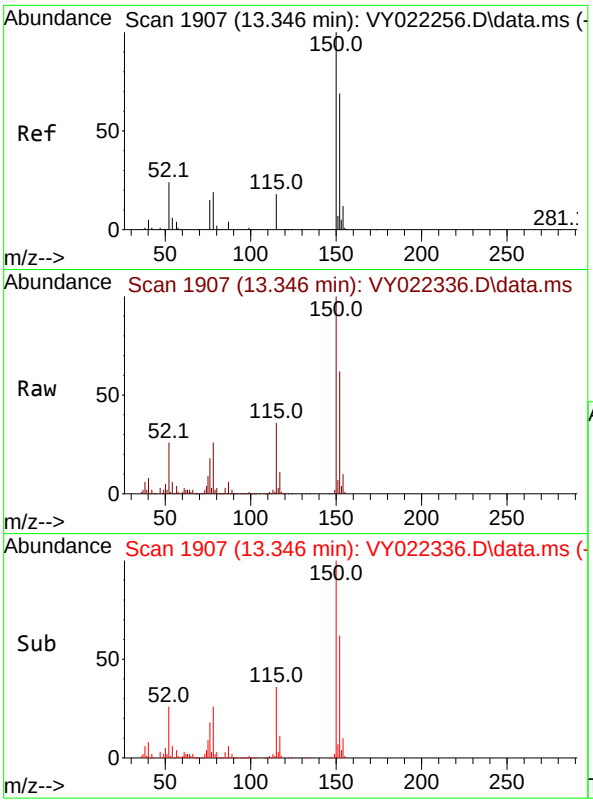




#68
m/p-Xylenes
Concen: 1.636 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.006 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

Tgt Ion:106 Resp: 9725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 198.0 | 163.0 | 244.4 |



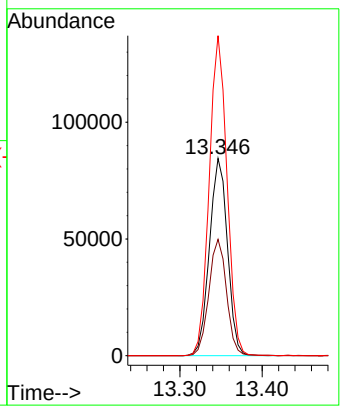



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022336.D
Acq: 20 May 2025 12:38

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD12

Tgt Ion:152 Resp: 128914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.8 | 29.4 | 88.2 |
| 150 | 159.3 | 0.0 | 353.8 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022336.D
Acq On : 20 May 2025 12:38
Operator : SY/MD
Sample : Q2056-02
Misc : 6.82g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD12

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Title : SW846 8260

Signal : TIC: VY022336.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.074 | 50 | 58 | 59 | rBV4 | 12595 | 23165 | 1.49% | 0.305% |
| 2 | 2.836 | 178 | 183 | 190 | rVB3 | 20222 | 42164 | 2.71% | 0.555% |
| 3 | 4.610 | 462 | 474 | 476 | rBV4 | 10113 | 23797 | 1.53% | 0.313% |
| 4 | 7.634 | 961 | 970 | 976 | rBV | 204016 | 480992 | 30.96% | 6.326% |
| 5 | 7.707 | 976 | 982 | 992 | rVB | 354096 | 807955 | 52.00% | 10.626% |
| 6 | 8.061 | 1030 | 1040 | 1051 | rBV | 179545 | 409329 | 26.35% | 5.383% |
| 7 | 8.615 | 1120 | 1131 | 1143 | rBV | 593516 | 1146604 | 73.80% | 15.080% |
| 8 | 10.103 | 1368 | 1375 | 1383 | rBV | 897198 | 1553614 | 100.00% | 20.432% |
| 9 | 10.170 | 1383 | 1386 | 1393 | rVB | 18302 | 30344 | 1.95% | 0.399% |
| 10 | 11.414 | 1581 | 1590 | 1602 | rBV | 760628 | 1227515 | 79.01% | 16.144% |
| 11 | 11.517 | 1602 | 1607 | 1617 | rVB | 8127 | 15838 | 1.02% | 0.208% |
| 12 | 11.627 | 1619 | 1625 | 1636 | rVV | 31899 | 61191 | 3.94% | 0.805% |
| 13 | 11.956 | 1671 | 1679 | 1687 | rVB2 | 13629 | 25061 | 1.61% | 0.330% |
| 14 | 12.407 | 1744 | 1753 | 1764 | rBV | 509871 | 804969 | 51.81% | 10.587% |
| 15 | 13.042 | 1851 | 1857 | 1863 | rBV3 | 10771 | 17081 | 1.10% | 0.225% |
| 16 | 13.346 | 1899 | 1907 | 1919 | rVB | 561667 | 854116 | 54.98% | 11.233% |
| 17 | 13.883 | 1990 | 1995 | 2002 | rVB2 | 46640 | 79966 | 5.15% | 1.052% |

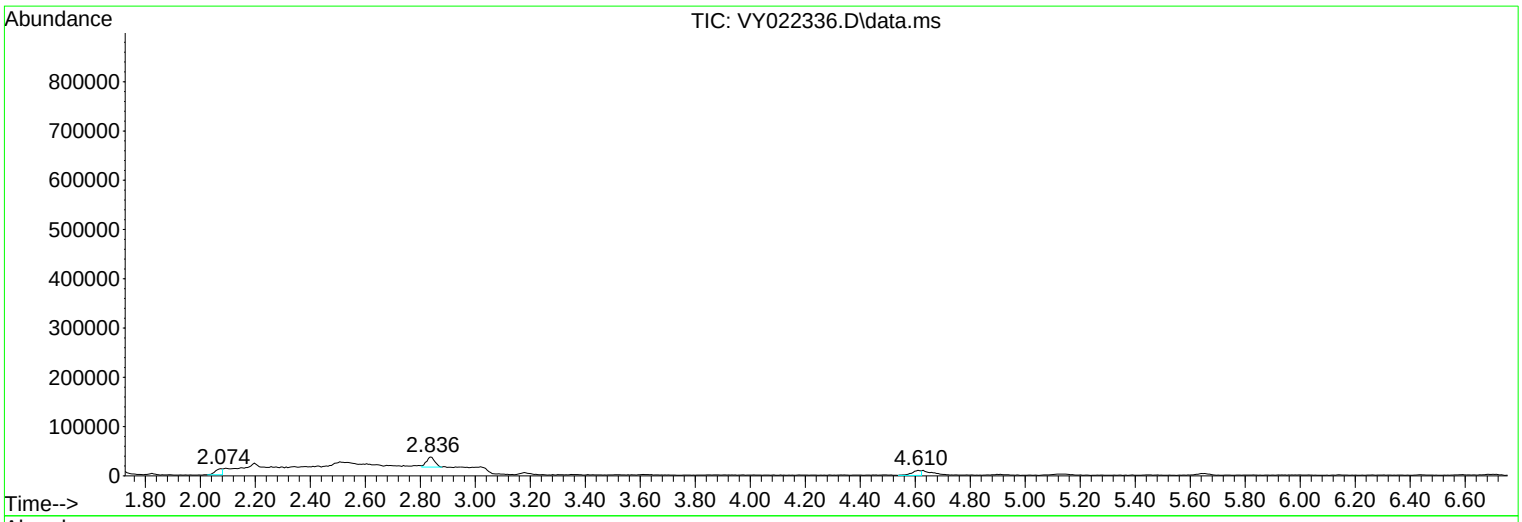
Sum of corrected areas: 7603701

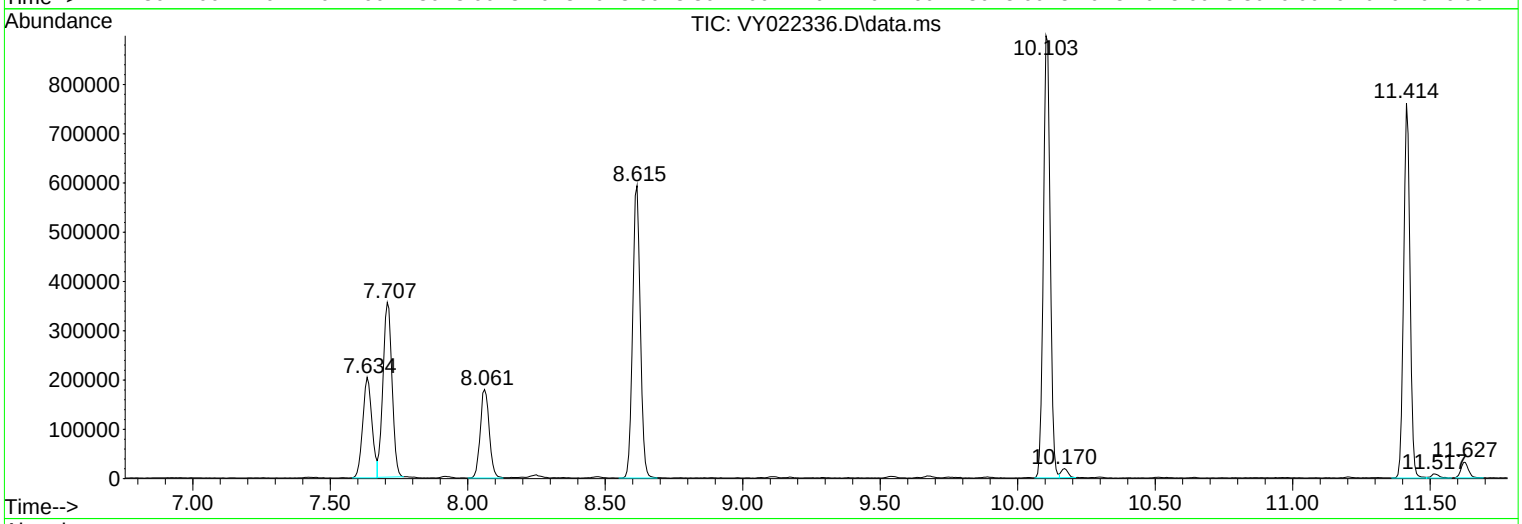
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022336.D
Acq On : 20 May 2025 12:38
Operator : SY/MD
Sample : Q2056-02
Misc : 6.82g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

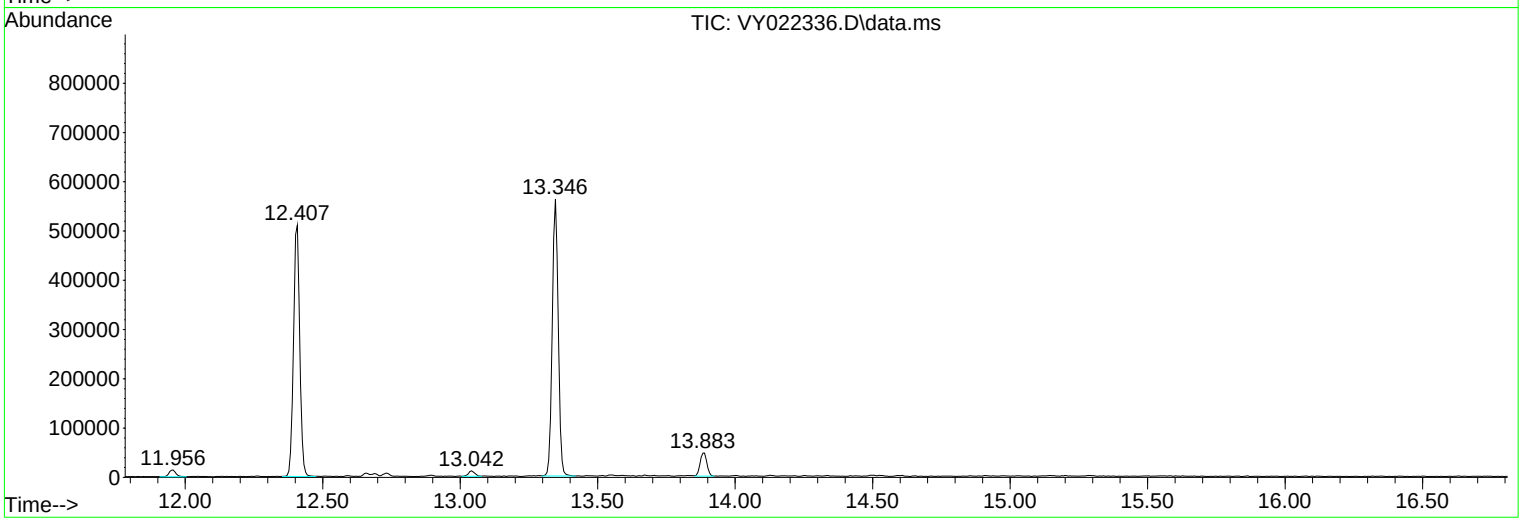
**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022336.D
Acq On : 20 May 2025 12:38
Operator : SY/MD
Sample : Q2056-02
Misc : 6.82g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022336.D
Acq On : 20 May 2025 12:38
Operator : SY/MD
Sample : Q2056-02
Misc : 6.82g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | Internal Standard # | Internal Standard RT | Internal Standard Resp | Internal Standard Conc |
|---|---|---|---|---|---|---|---|---|

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022337.D
Acq On : 20 May 2025 13:01
Operator : SY/MD
Sample : Q2056-03
Misc : 7.95g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD13

Quant Time: May 21 01:47:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

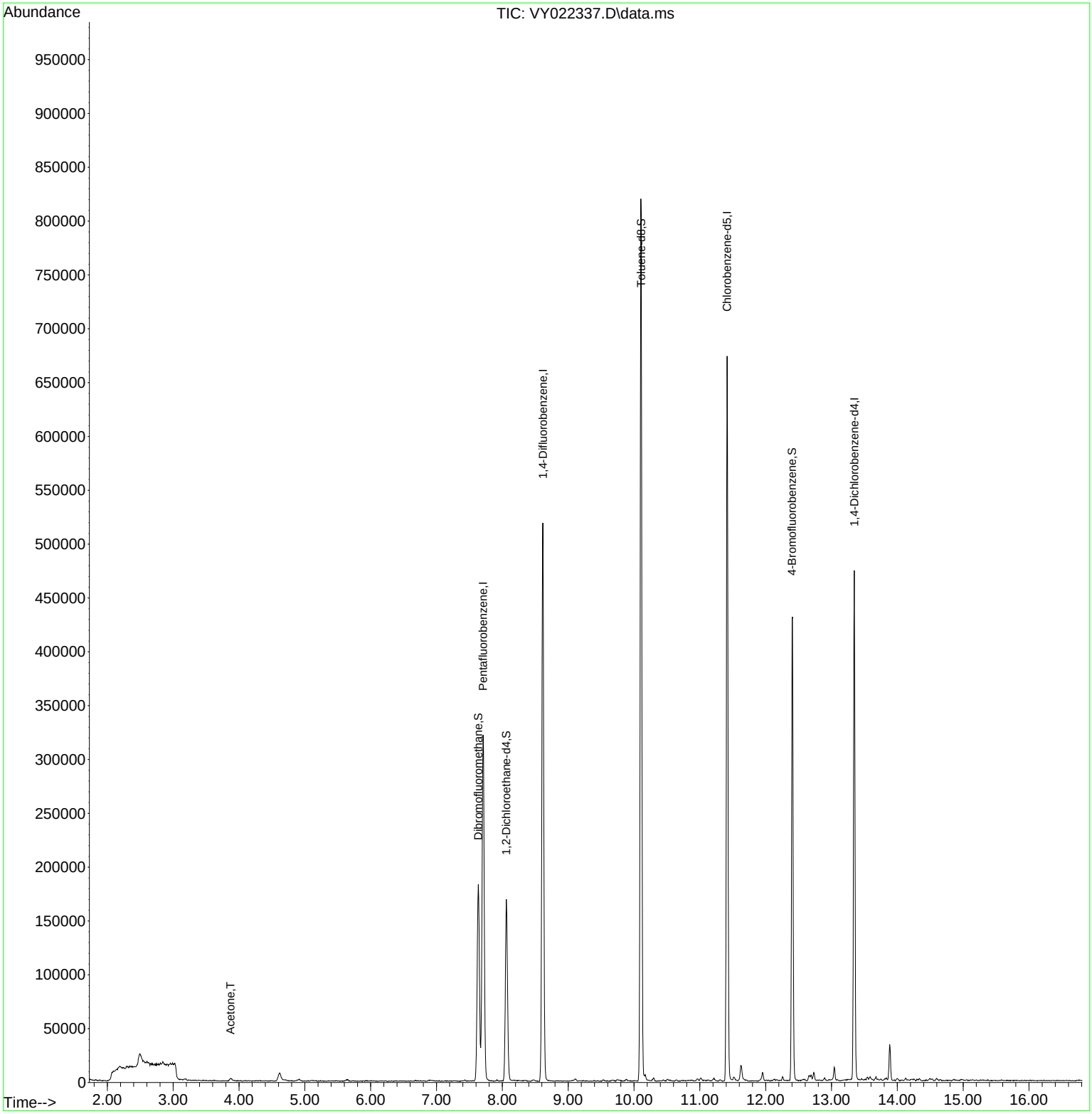
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.707 | 168 | 244549 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.616 | 114 | 431792 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.414 | 117 | 328152 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152 | 107238 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.061 | 65 | 126949 | 47.499 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 95.000% | | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 125678 | 48.766 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 97.540% | | | |
| 50) Toluene-d8 | 10.109 | 98 | 513211 | 48.622 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 97.240% | | | |
| 62) 4-Bromofluorobenzene | 12.402 | 95 | 123075 | 36.787 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 73.580% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 3.873 | 43 | 4316 | 8.612 | ug/l | 97 |

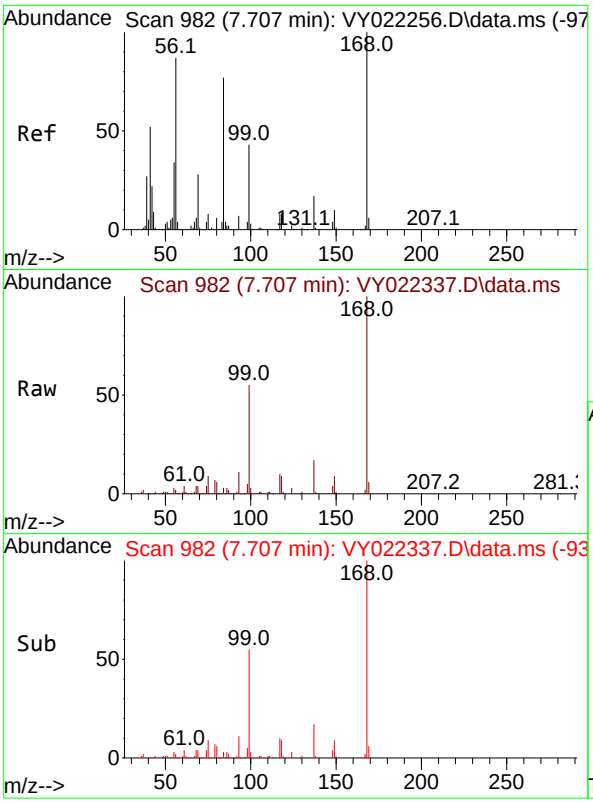
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022337.D
Acq On : 20 May 2025 13:01
Operator : SY/MD
Sample : Q2056-03
Misc : 7.95g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD13

Quant Time: May 21 01:47:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration



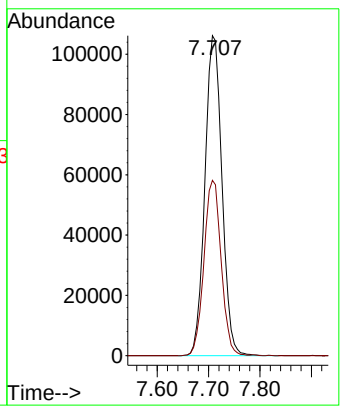


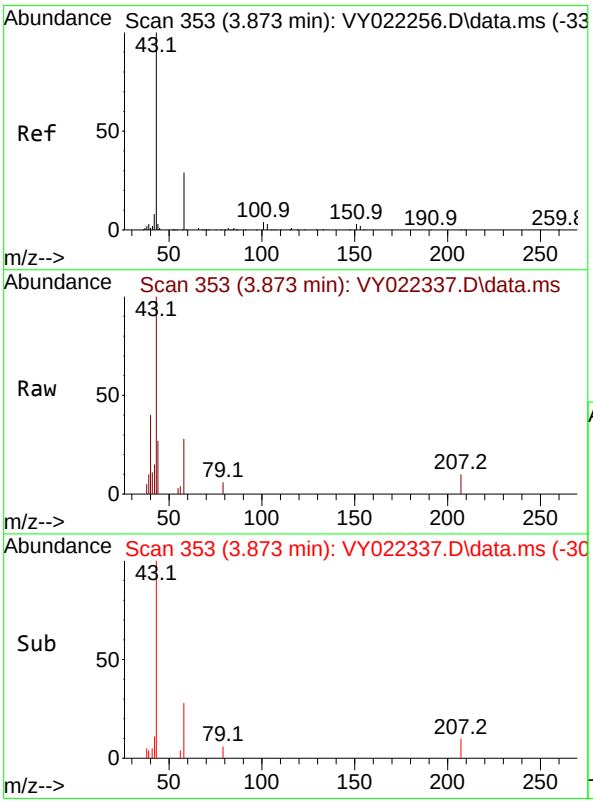

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022337.D
Acq: 20 May 2025 13:01

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD13

Tgt Ion:168 Resp: 244549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 54.8 | 44.2 | 66.4 |

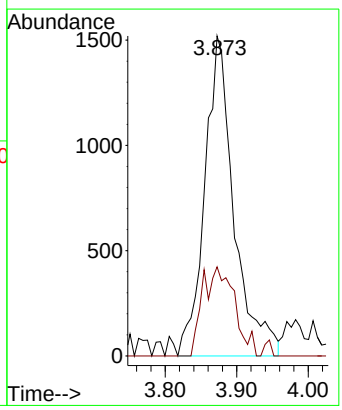


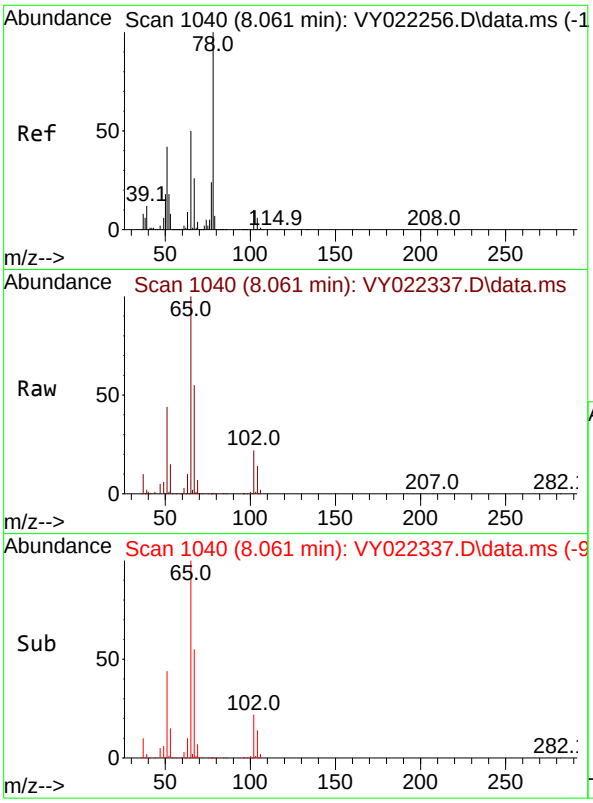




#16
Acetone
Concen: 8.612 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022337.D
Acq: 20 May 2025 13:01

Tgt Ion: 43 Resp: 4316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.8 | 23.6 | 35.4 |



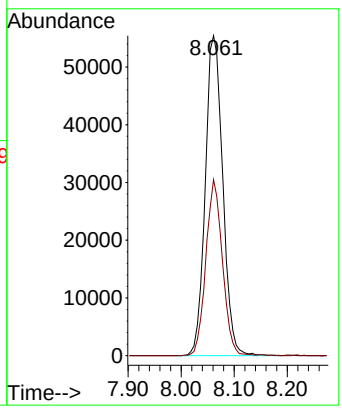


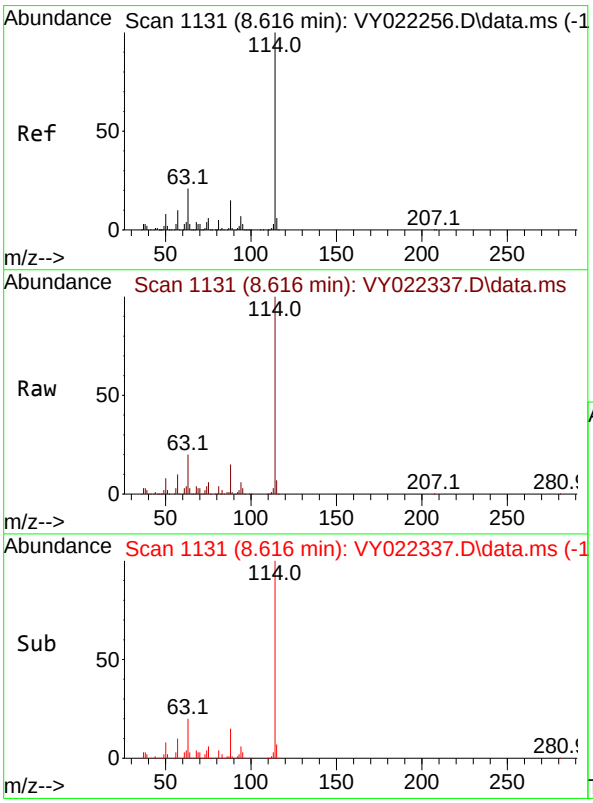

#33
1,2-Dichloroethane-d4
Concen: 47.499 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022337.D
Acq: 20 May 2025 13:01

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD13

Tgt Ion: 65 Resp: 126949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.1 | 0.0 | 104.6 |

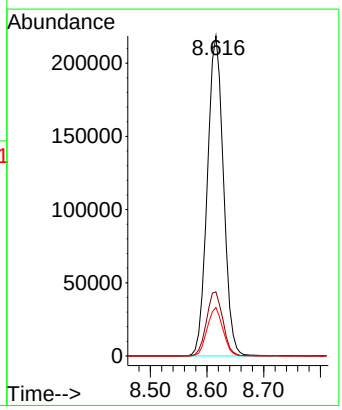


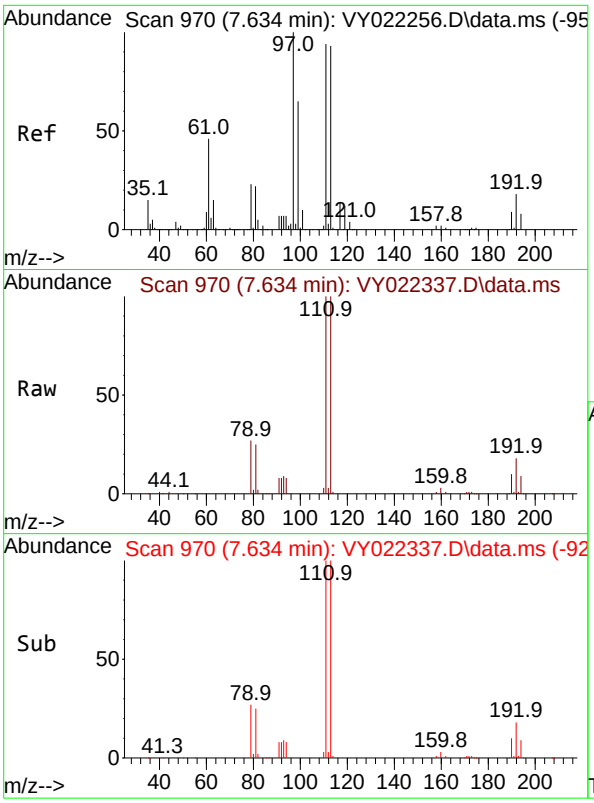




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022337.D
Acq: 20 May 2025 13:01

Tgt Ion:114 Resp: 431792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.0 | 0.0 | 41.0 |
| 88 | 15.2 | 0.0 | 29.4 |



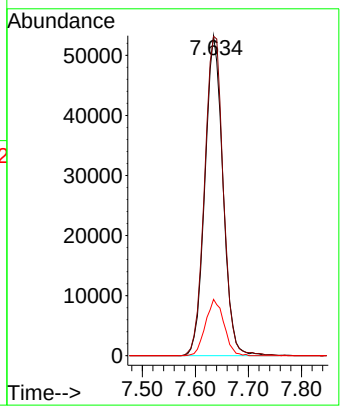


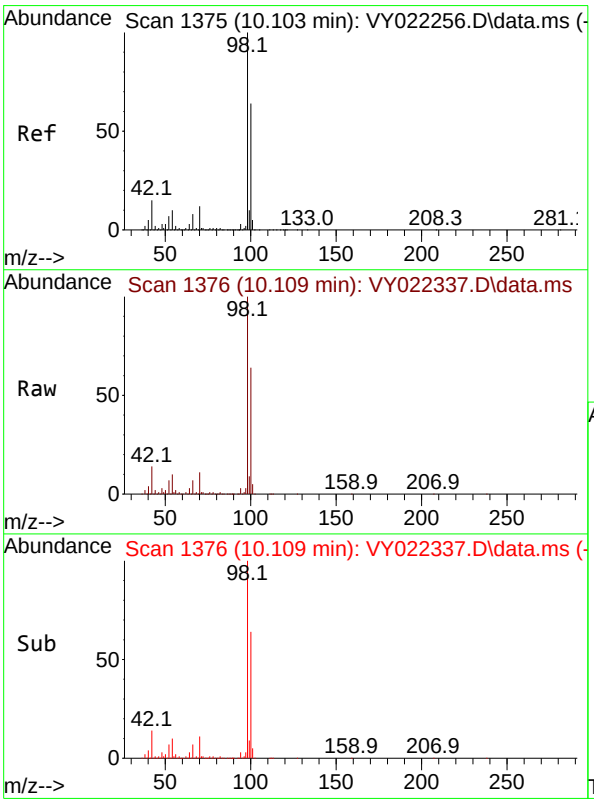

#35
Dibromofluoromethane
Concen: 48.766 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022337.D
Acq: 20 May 2025 13:01

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD13

Tgt Ion:113 Resp: 125678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.7 | 82.6 | 123.8 |
| 192 | 18.0 | 15.2 | 22.8 |

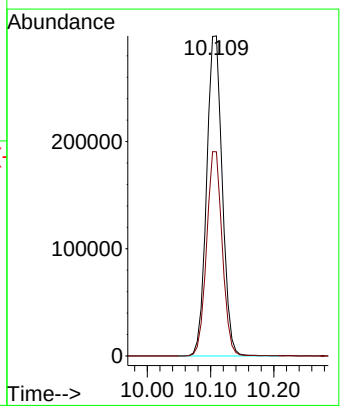


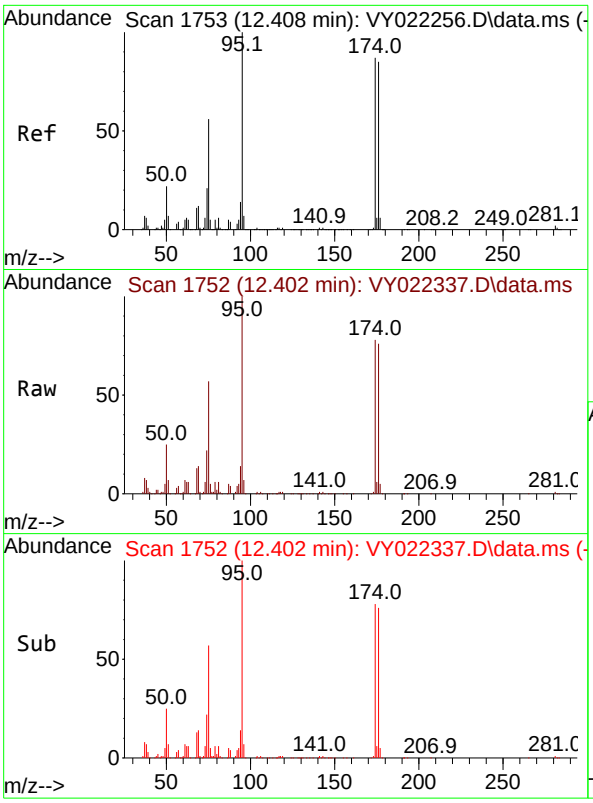




#50
Toluene-d8
Concen: 48.622 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022337.D
Acq: 20 May 2025 13:01

Tgt Ion: 98 Resp: 513211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.9 | 51.8 | 77.8 |



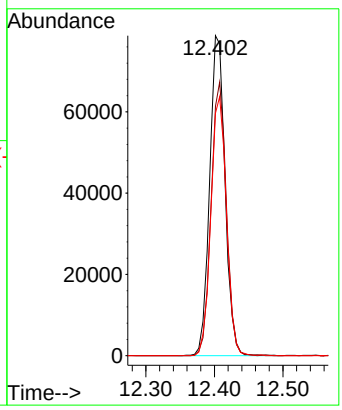


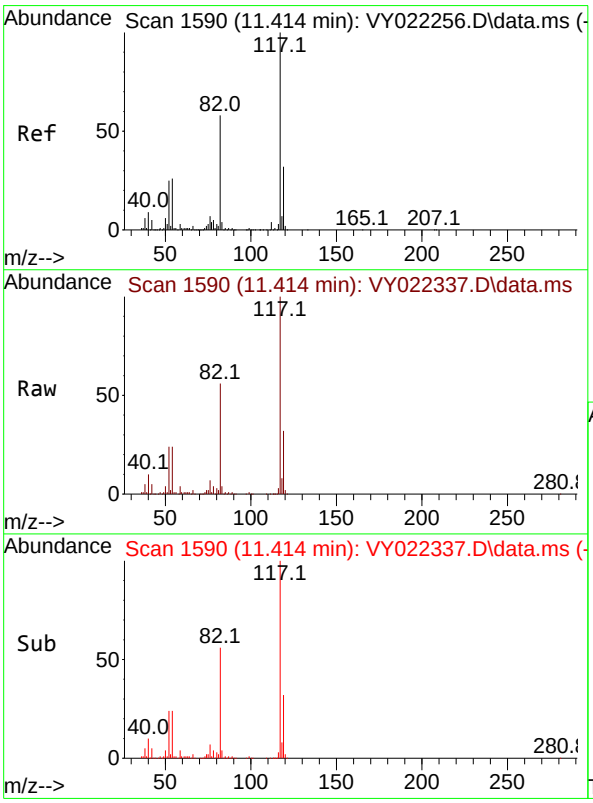

#62
4-Bromofluorobenzene
Concen: 36.787 ug/l
RT: 12.402 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022337.D
Acq: 20 May 2025 13:01

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD13

Tgt Ion: 95 Resp: 123075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.8 | 0.0 | 166.8 |
| 176 | 81.7 | 0.0 | 160.8 |

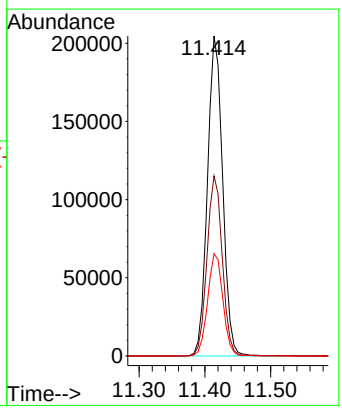


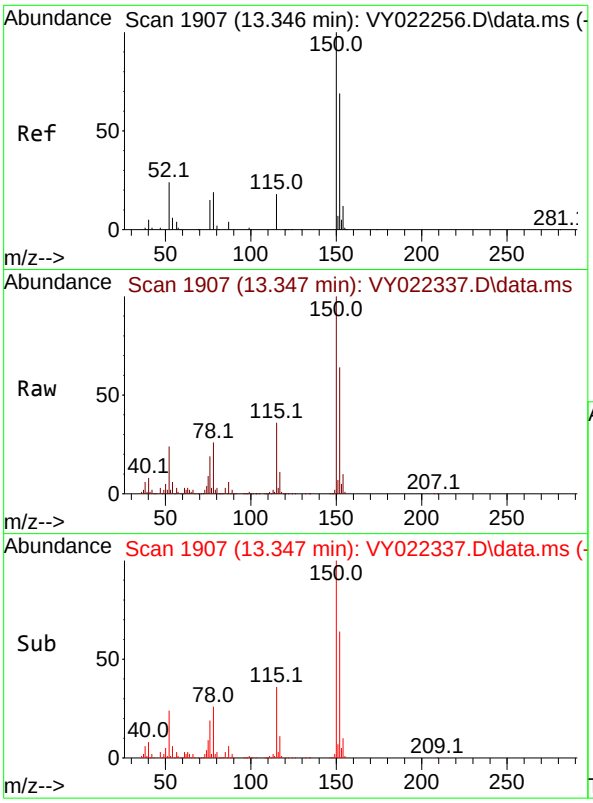




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022337.D
Acq: 20 May 2025 13:01

Tgt Ion:117 Resp: 328152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.2 | 46.6 | 70.0 |
| 119 | 32.0 | 25.8 | 38.6 |



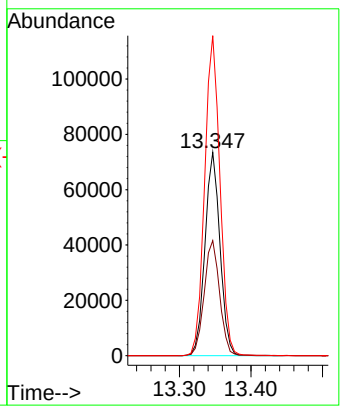



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022337.D
Acq: 20 May 2025 13:01

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD13

Tgt Ion:152 Resp: 107238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.2 | 29.4 | 88.2 |
| 150 | 160.0 | 0.0 | 353.8 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022337.D
Acq On : 20 May 2025 13:01
Operator : SY/MD
Sample : Q2056-03
Misc : 7.95g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD13

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Title : SW846 8260

Signal : TIC: VY022337.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.495 | 121 | 127 | 134 | rBV5 | 9889 | 30836 | 2.20% | 0.463% |
| 2 | 4.616 | 466 | 475 | 483 | rBV4 | 7360 | 22844 | 1.63% | 0.343% |
| 3 | 7.634 | 959 | 970 | 976 | rBV | 182577 | 436538 | 31.08% | 6.556% |
| 4 | 7.707 | 976 | 982 | 996 | rVB | 321048 | 734284 | 52.27% | 11.028% |
| 5 | 8.061 | 1032 | 1040 | 1051 | rBV | 168667 | 377707 | 26.89% | 5.673% |
| 6 | 8.616 | 1122 | 1131 | 1145 | rBV | 518722 | 1032310 | 73.49% | 15.504% |
| 7 | 10.103 | 1367 | 1375 | 1385 | rBV | 819578 | 1404706 | 100.00% | 21.097% |
| 8 | 11.414 | 1583 | 1590 | 1601 | rBV | 673226 | 1087967 | 77.45% | 16.340% |
| 9 | 11.621 | 1617 | 1624 | 1635 | rBV2 | 14231 | 31871 | 2.27% | 0.479% |
| 10 | 11.950 | 1668 | 1678 | 1683 | rBV2 | 8059 | 16393 | 1.17% | 0.246% |
| 11 | 12.408 | 1746 | 1753 | 1764 | rBV | 430465 | 699291 | 49.78% | 10.503% |
| 12 | 13.042 | 1850 | 1857 | 1862 | rVB2 | 11974 | 18305 | 1.30% | 0.275% |
| 13 | 13.347 | 1900 | 1907 | 1917 | rVB | 472959 | 710880 | 50.61% | 10.677% |
| 14 | 13.883 | 1990 | 1995 | 2003 | rVB | 33411 | 54238 | 3.86% | 0.815% |

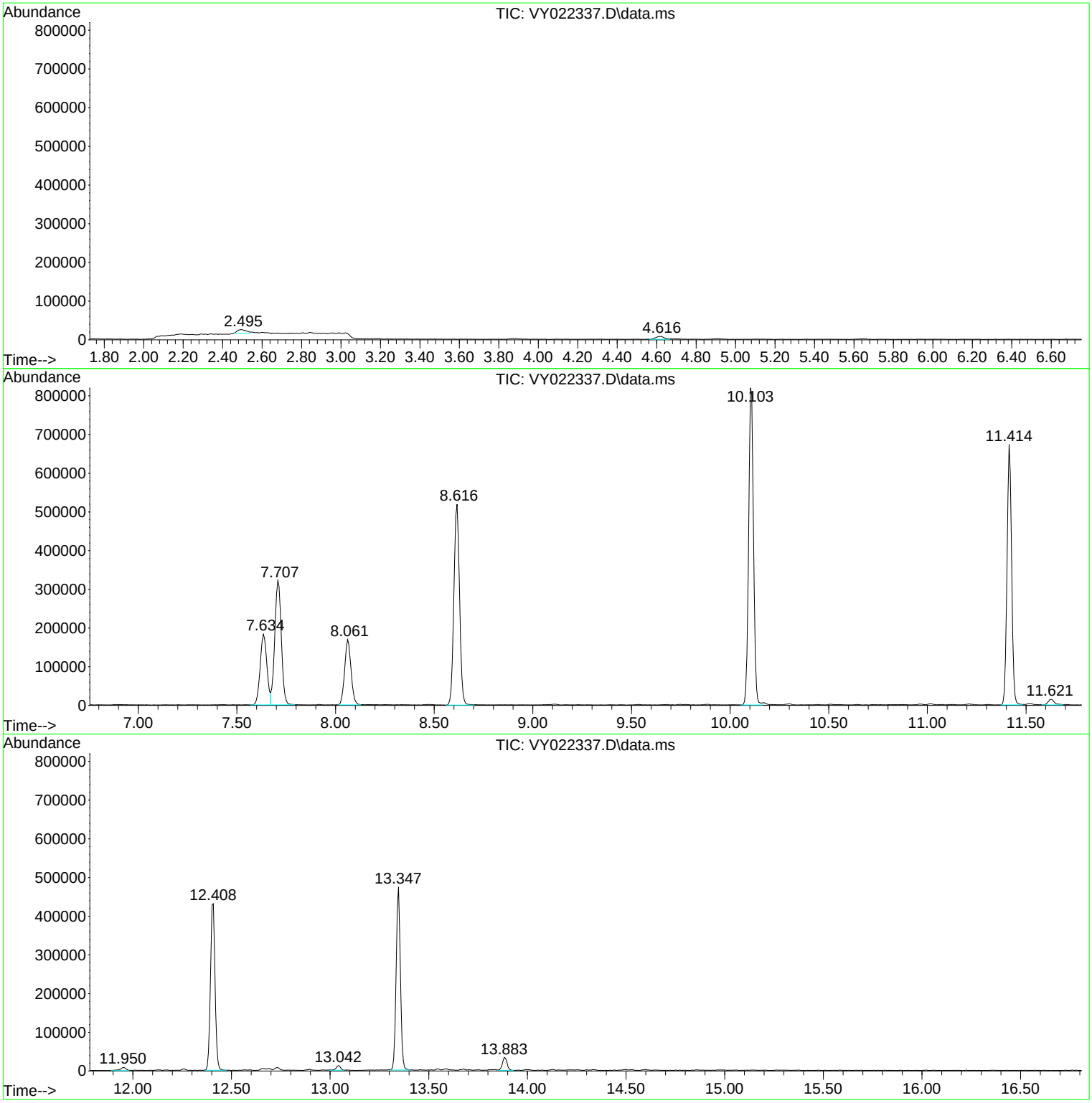
Sum of corrected areas: 6658170

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022337.D
Acq On : 20 May 2025 13:01
Operator : SY/MD
Sample : Q2056-03
Misc : 7.95g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022337.D
Acq On : 20 May 2025 13:01
Operator : SY/MD
Sample : Q2056-03
Misc : 7.95g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022337.D
Acq On : 20 May 2025 13:01
Operator : SY/MD
Sample : Q2056-03
Misc : 7.95g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022338.D
Acq On : 20 May 2025 13:25
Operator : SY/MD
Sample : Q2056-04
Misc : 6.57g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD14

Quant Time: May 21 01:48:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.707 | 168 | 240752 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.616 | 114 | 423261 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.414 | 117 | 327850 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152 | 112421 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.061 | 65 | 129742 | 49.309 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 98.620% | | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 127362 | 50.415 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 100.840% | | | |
| 50) Toluene-d8 | 10.103 | 98 | 509429 | 49.237 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 98.480% | | | |
| 62) 4-Bromofluorobenzene | 12.408 | 95 | 121193 | 36.955 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 73.900% | | | |

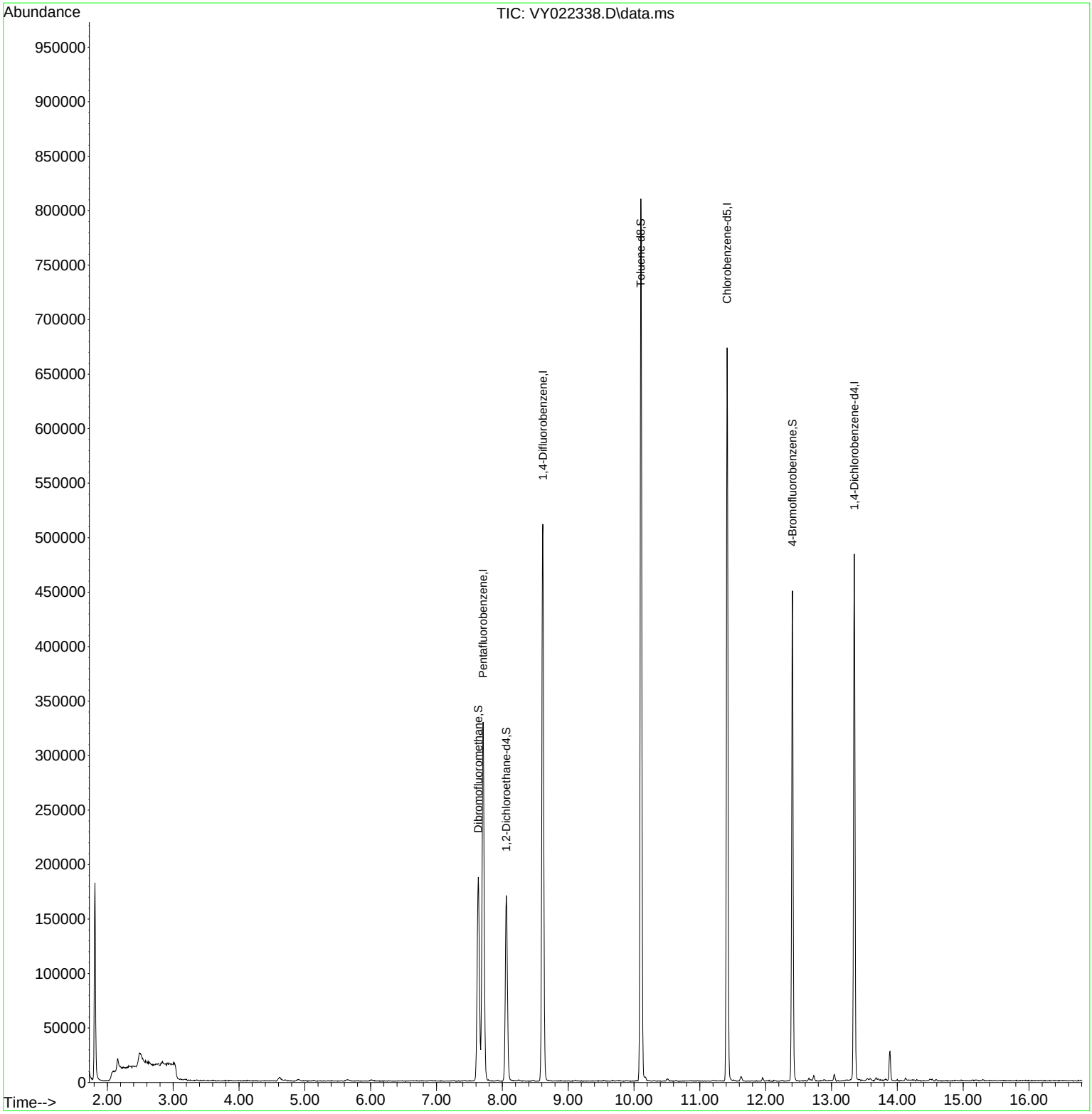
Target Compounds Qvalue

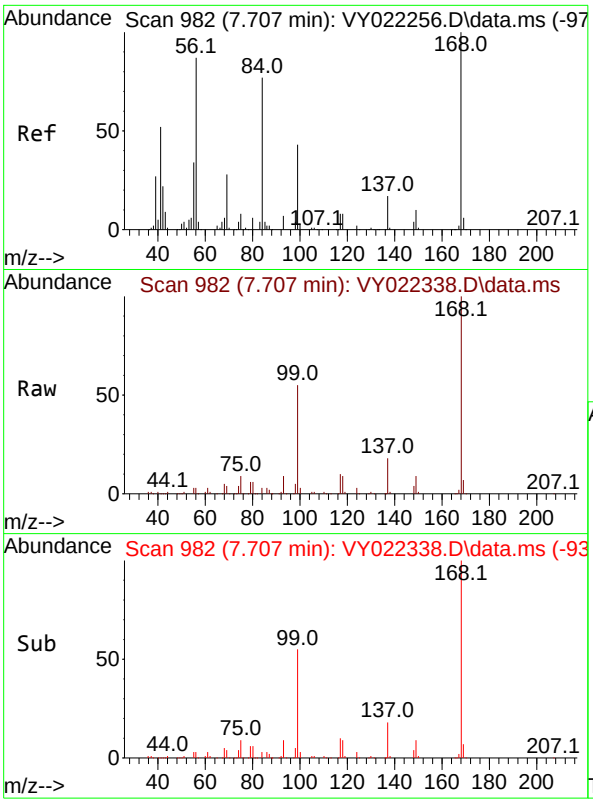
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022338.D
Acq On : 20 May 2025 13:25
Operator : SY/MD
Sample : Q2056-04
Misc : 6.57g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD14

Quant Time: May 21 01:48:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration



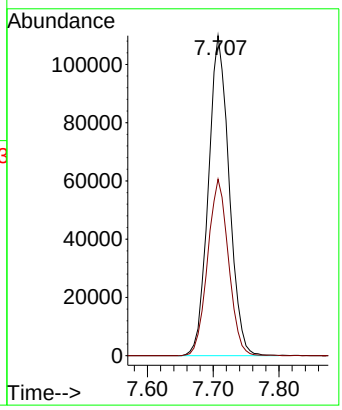


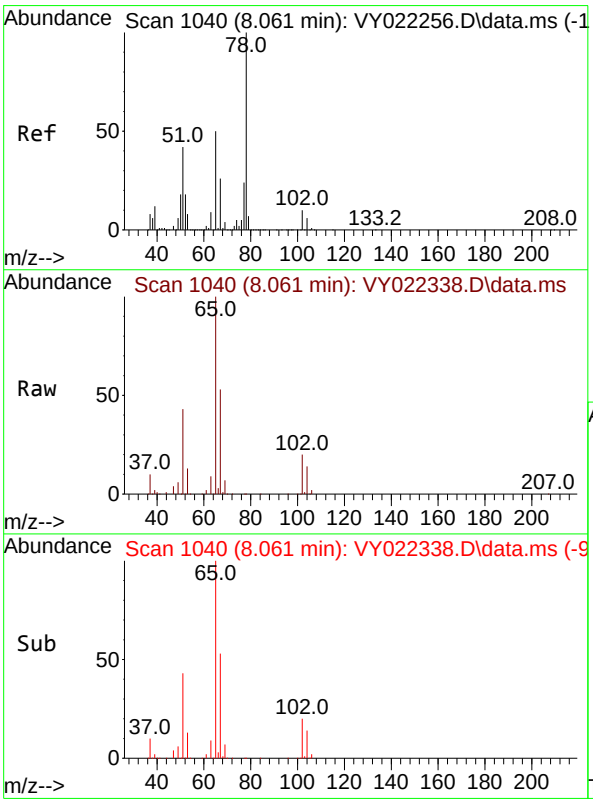

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022338.D
Acq: 20 May 2025 13:25

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD14

Tgt Ion:168 Resp: 240752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.1 | 44.2 | 66.4 |

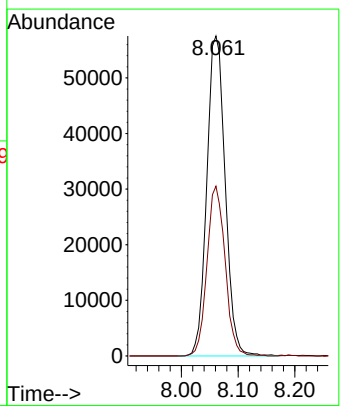


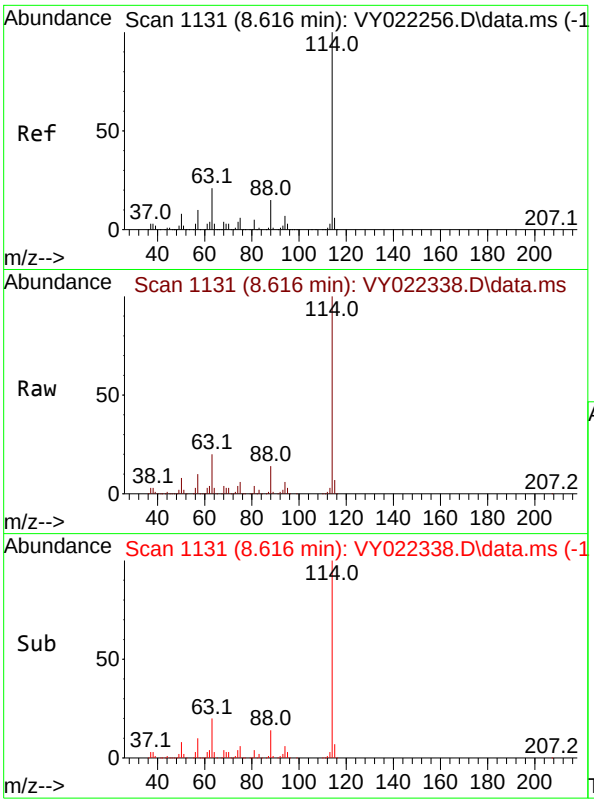




#33
1,2-Dichloroethane-d4
Concen: 49.309 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022338.D
Acq: 20 May 2025 13:25

Tgt Ion: 65 Resp: 129742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.3 | 0.0 | 104.6 |



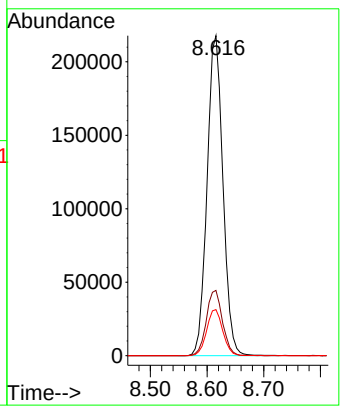


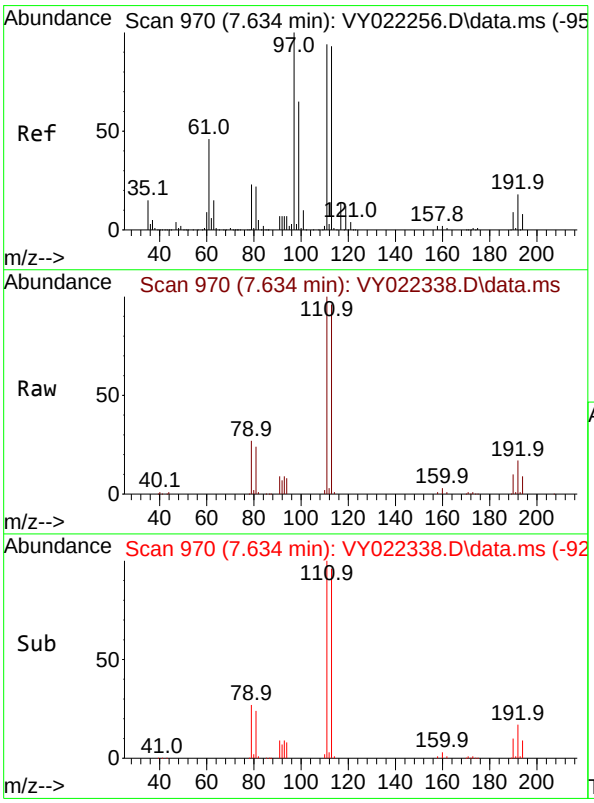

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022338.D
Acq: 20 May 2025 13:25

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD14

Tgt Ion:114 Resp: 423261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.4 | 0.0 | 41.0 |
| 88 | 14.4 | 0.0 | 29.4 |

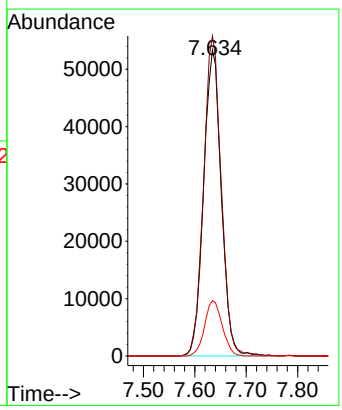


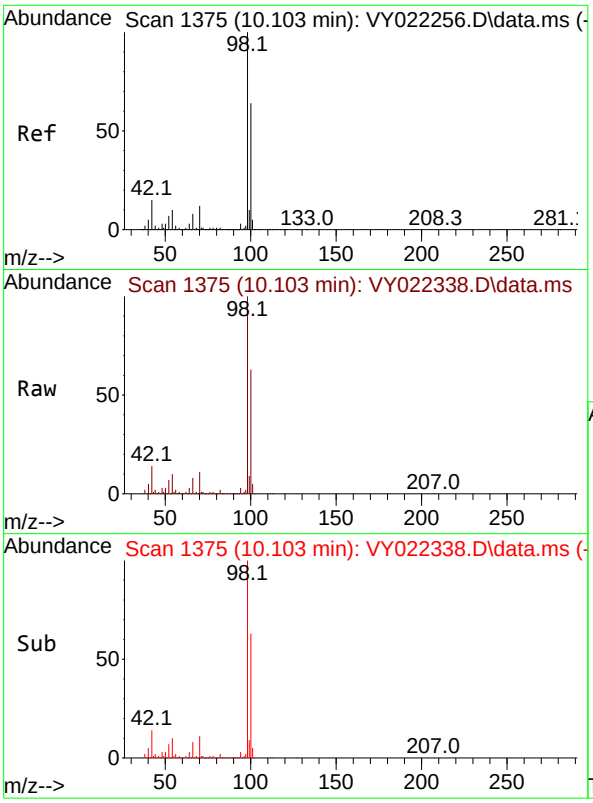




#35
Dibromofluoromethane
Concen: 50.415 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022338.D
Acq: 20 May 2025 13:25

Tgt Ion:113 Resp: 127362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.2 | 82.6 | 123.8 |
| 192 | 18.1 | 15.2 | 22.8 |



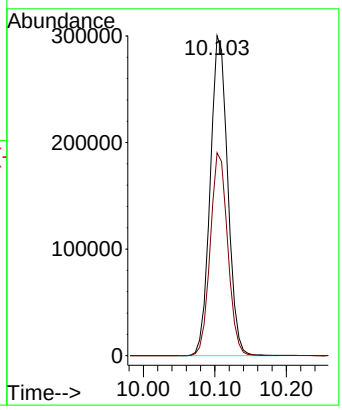


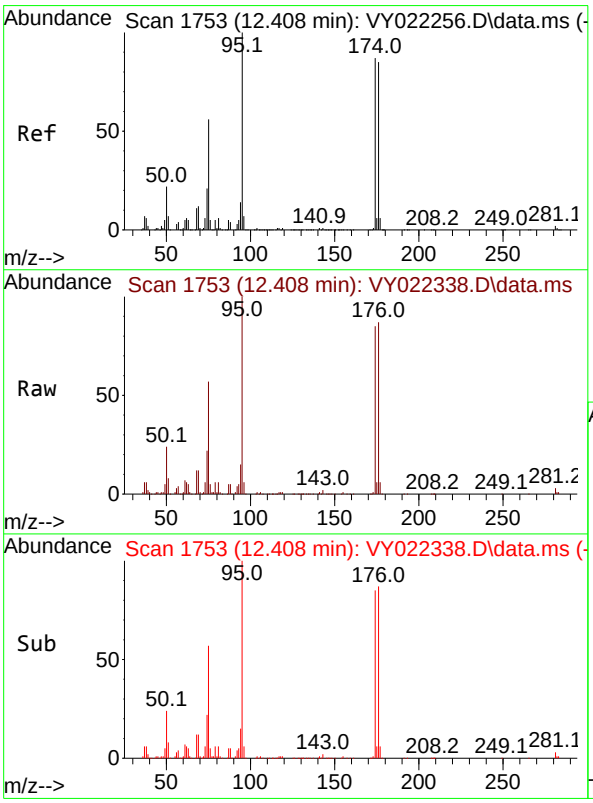

#50
Toluene-d8
Concen: 49.237 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022338.D
Acq: 20 May 2025 13:25

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD14

Tgt Ion: 98 Resp: 509429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.2 | 51.8 | 77.8 |

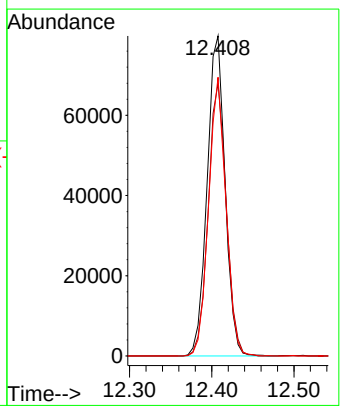


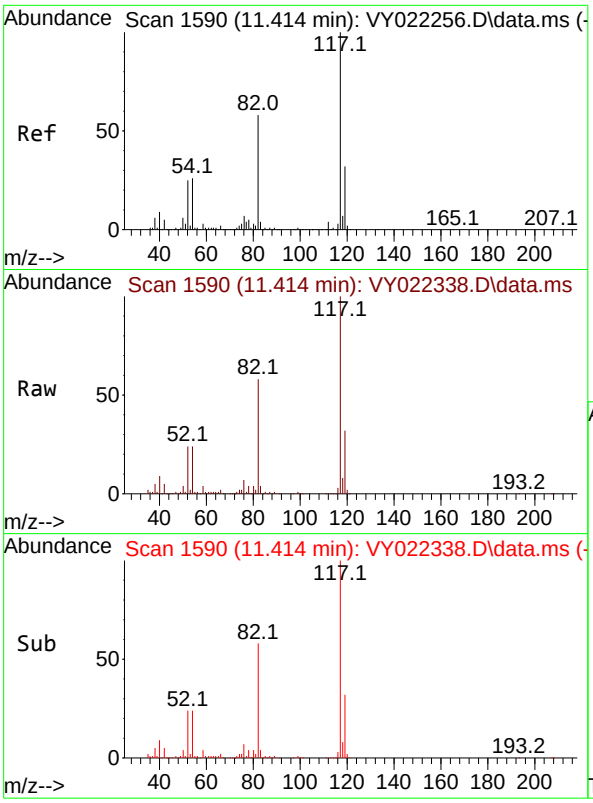




#62
4-Bromofluorobenzene
Concen: 36.955 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022338.D
Acq: 20 May 2025 13:25

Tgt Ion: 95 Resp: 121193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 85.8 | 0.0 | 166.8 |
| 176 | 83.9 | 0.0 | 160.8 |



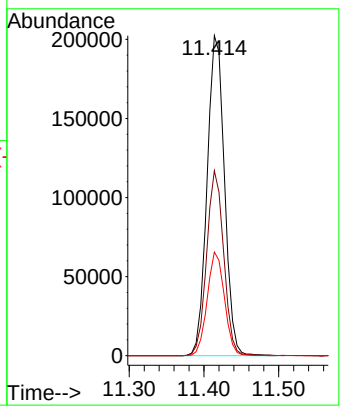


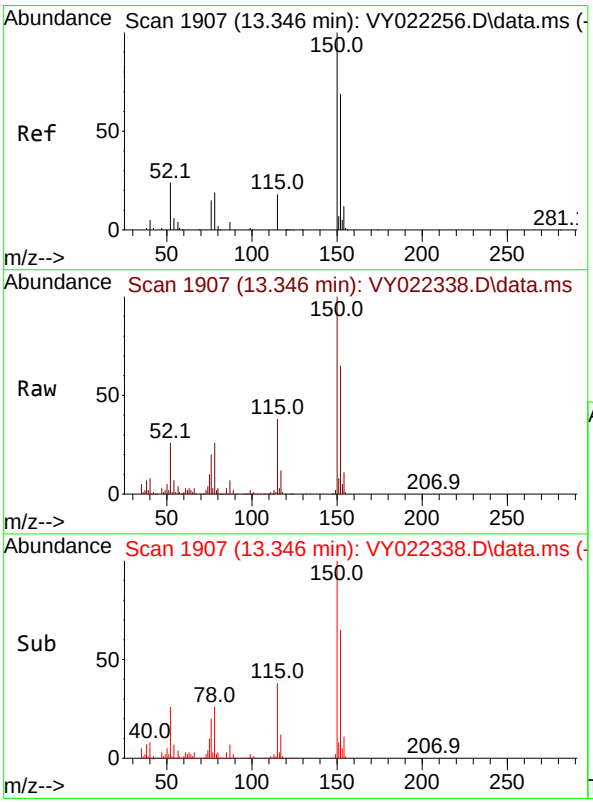

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022338.D
Acq: 20 May 2025 13:25

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD14

Tgt Ion:117 Resp: 327850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.8 | 46.6 | 70.0 |
| 119 | 32.4 | 25.8 | 38.6 |

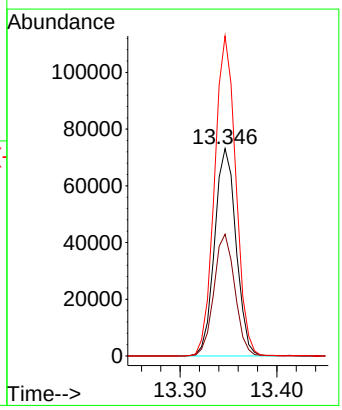



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022338.D
Acq: 20 May 2025 13:25

Tgt Ion:152 Resp: 112421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.5 | 29.4 | 88.2 |
| 150 | 153.2 | 0.0 | 353.8 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022338.D
Acq On : 20 May 2025 13:25
Operator : SY/MD
Sample : Q2056-04
Misc : 6.57g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD14

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Title : SW846 8260

Signal : TIC: VY022338.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.812 | 9 | 15 | 30 | rVB | 181371 | 244757 | 17.76% | 3.588% |
| 2 | 2.086 | 49 | 60 | 61 | rBV3 | 8762 | 20349 | 1.48% | 0.298% |
| 3 | 2.159 | 67 | 72 | 76 | rBV2 | 11035 | 21203 | 1.54% | 0.311% |
| 4 | 2.489 | 121 | 126 | 140 | rBV5 | 9798 | 36184 | 2.63% | 0.530% |
| 5 | 7.634 | 959 | 970 | 976 | rBV | 186863 | 442414 | 32.11% | 6.485% |
| 6 | 7.707 | 976 | 982 | 994 | rVB | 328838 | 725041 | 52.62% | 10.628% |
| 7 | 8.061 | 1030 | 1040 | 1054 | rBV | 170555 | 385184 | 27.96% | 5.646% |
| 8 | 8.616 | 1119 | 1131 | 1143 | rBV | 511290 | 1012438 | 73.48% | 14.840% |
| 9 | 10.103 | 1368 | 1375 | 1384 | rBV | 809576 | 1377802 | 100.00% | 20.196% |
| 10 | 11.414 | 1582 | 1590 | 1601 | rBV | 673008 | 1082746 | 78.59% | 15.871% |
| 11 | 12.408 | 1744 | 1753 | 1763 | rBV | 449777 | 700767 | 50.86% | 10.272% |
| 12 | 13.346 | 1898 | 1907 | 1915 | rBV | 482340 | 730060 | 52.99% | 10.701% |
| 13 | 13.889 | 1990 | 1996 | 2001 | rBV2 | 26727 | 43222 | 3.14% | 0.634% |

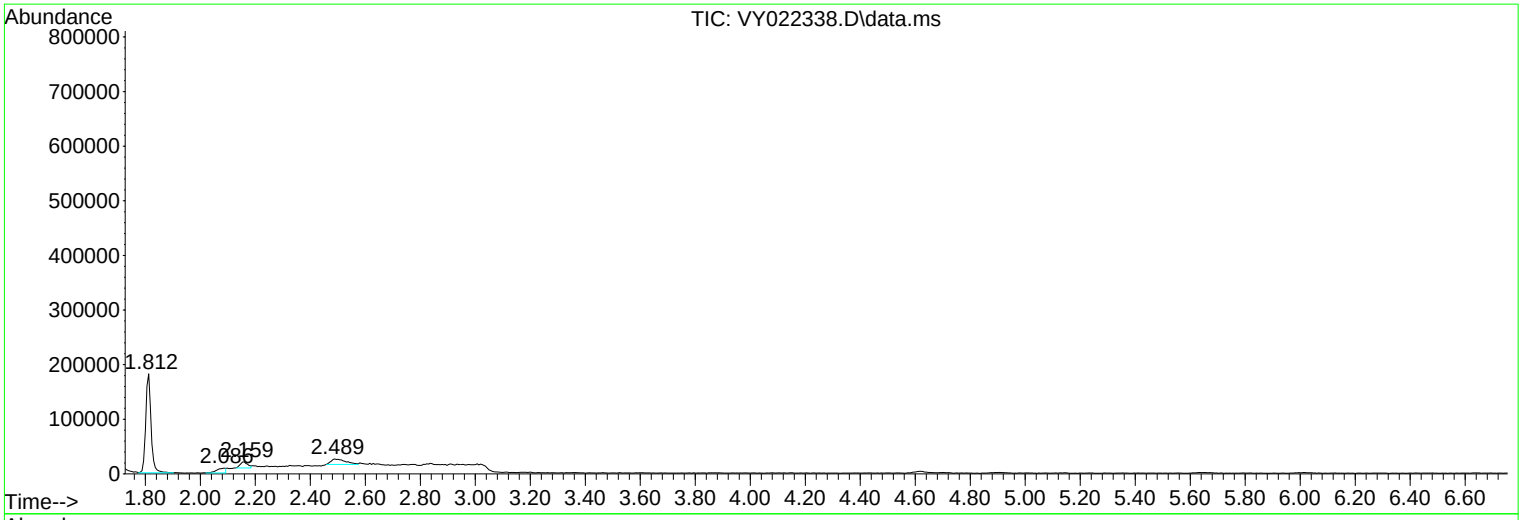
Sum of corrected areas: 6822167

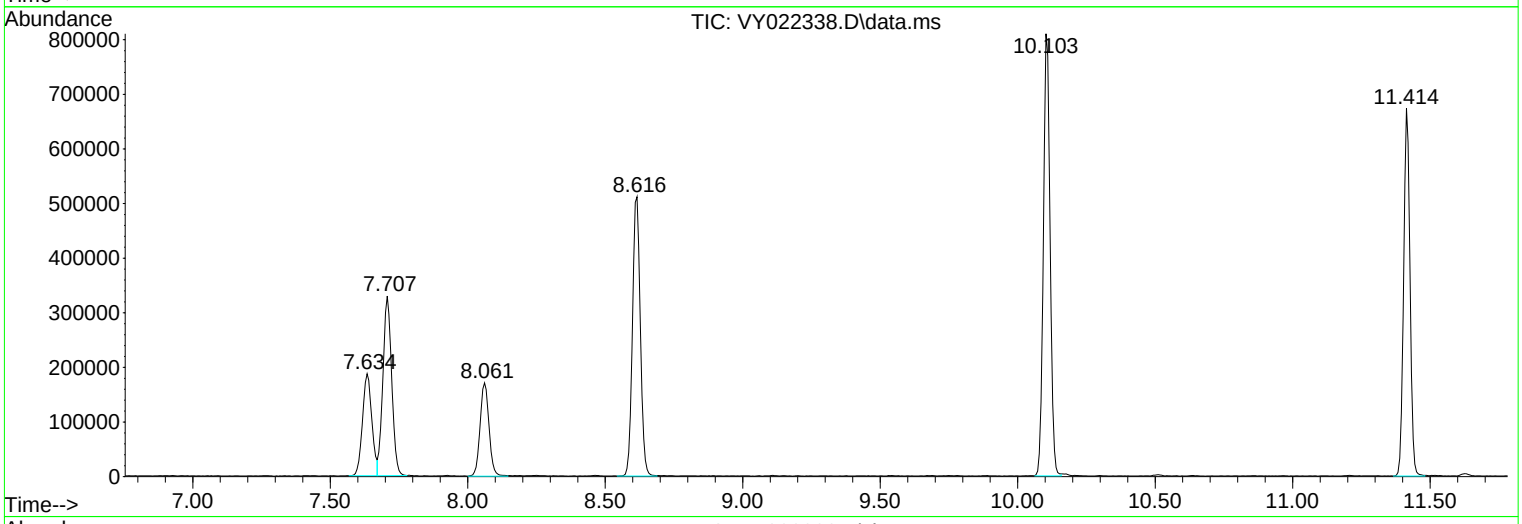
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022338.D
Acq On : 20 May 2025 13:25
Operator : SY/MD
Sample : Q2056-04
Misc : 6.57g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

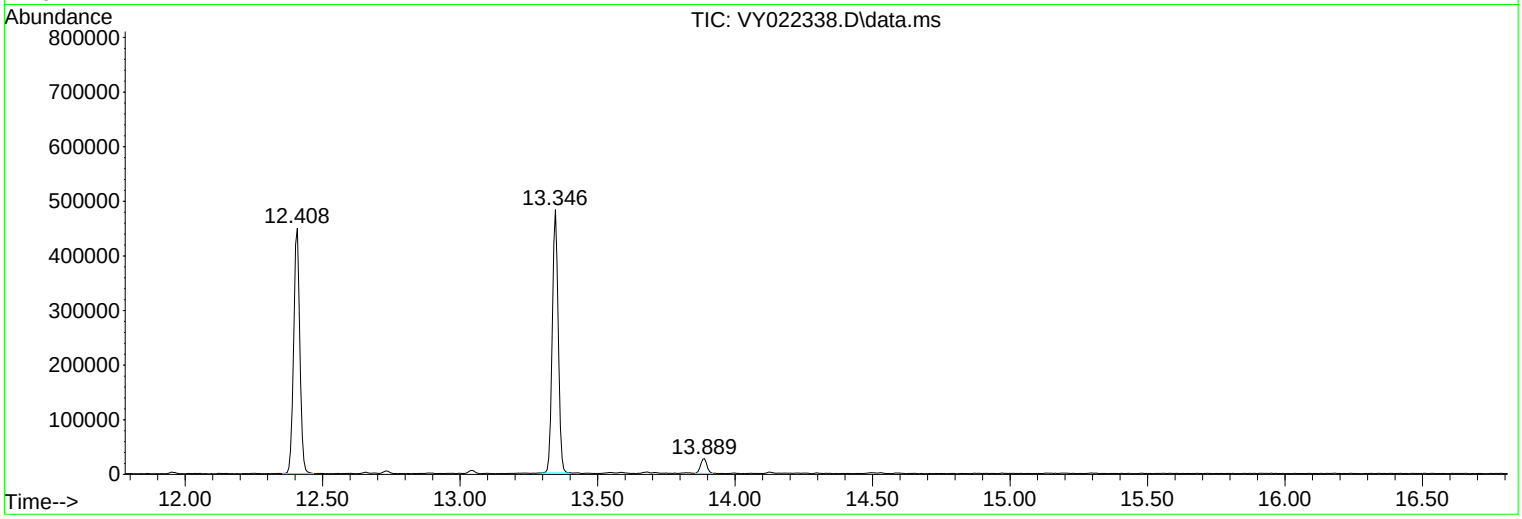
**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022338.D
Acq On : 20 May 2025 13:25
Operator : SY/MD
Sample : Q2056-04
Misc : 6.57g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

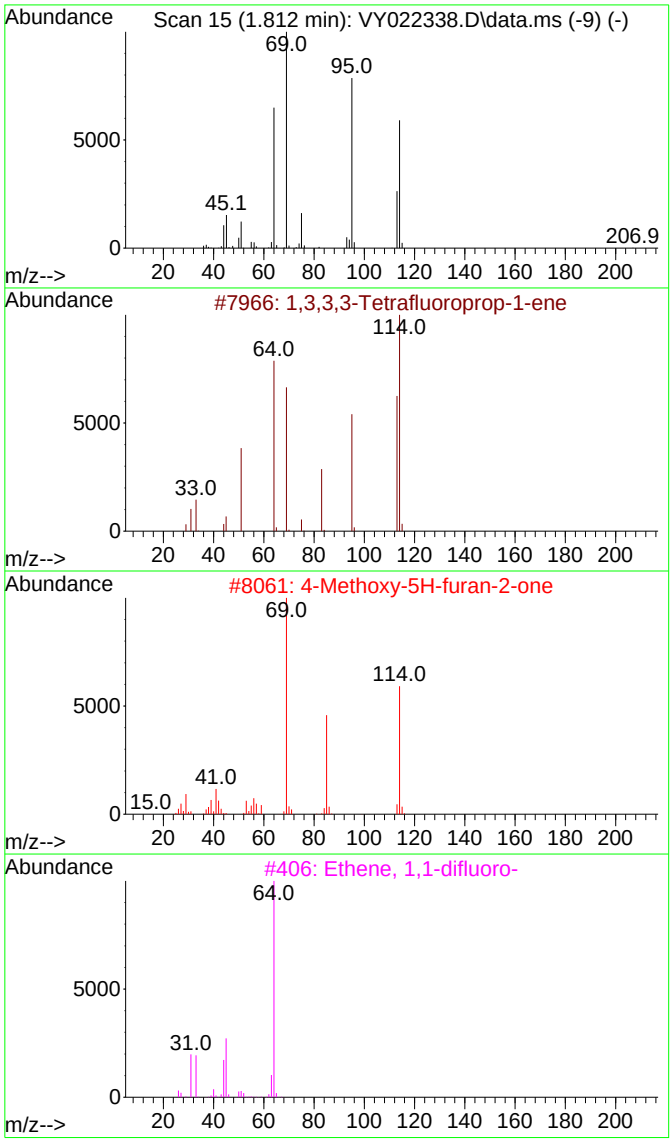
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

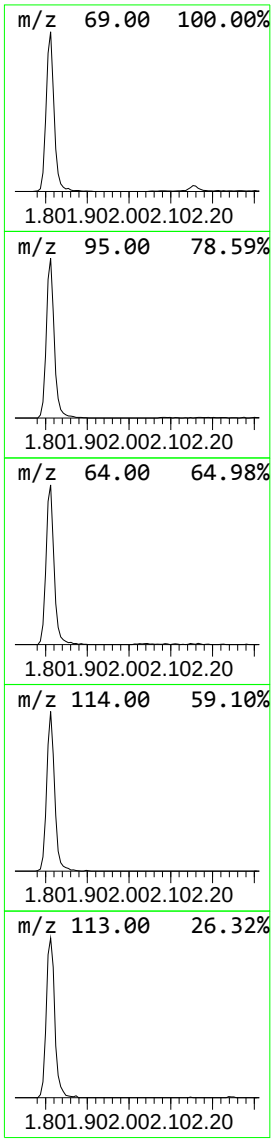
**********

Peak Number 1 unknown1.812 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.812 | 16.88 ug/l | 244757 | Pentafluorobenzene | 7.707 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3,3,3-Tetrafluoroprop-1-ene | 114 | C3H2F4 | 1000389-53-0 | 25 |
| 2 | 4-Methoxy-5H-furan-2-one | 114 | C5H6O3 | 069556-70-3 | 14 |
| 3 | Ethene, 1,1-difluoro- | 64 | C2H2F2 | 000075-38-7 | 12 |
| 4 | 4-Pyridinol | 95 | C5H5NO | 000626-64-2 | 9 |
| 5 | 2-Pentenoic acid, 2-methyl- | 114 | C6H10O2 | 003142-72-1 | 9 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022338.D
Acq On : 20 May 2025 13:25
Operator : SY/MD
Sample : Q2056-04
Misc : 6.57g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown1.812 | 1.812 | 16.9 | ug/l | 244757 | 1 | 7.707 | 725041 | 50.0 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022358.D
Acq On : 21 May 2025 11:37
Operator : SY/MD
Sample : Q2056-05
Misc : 6.92g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD15

Quant Time: May 22 00:07:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.713 | 168 | 236757 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.622 | 114 | 411751 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.420 | 117 | 277651 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.353 | 152 | 64045 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.067 | 65 | 125446 | 48.481 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 96.960% | | | |
| 35) Dibromofluoromethane | 7.640 | 113 | 125883 | 51.223 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 102.440% | | | |
| 50) Toluene-d8 | 10.109 | 98 | 473741 | 47.067 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 94.140% | | | |
| 62) 4-Bromofluorobenzene | 12.414 | 95 | 88724 | 27.811 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 55.620% | | | |

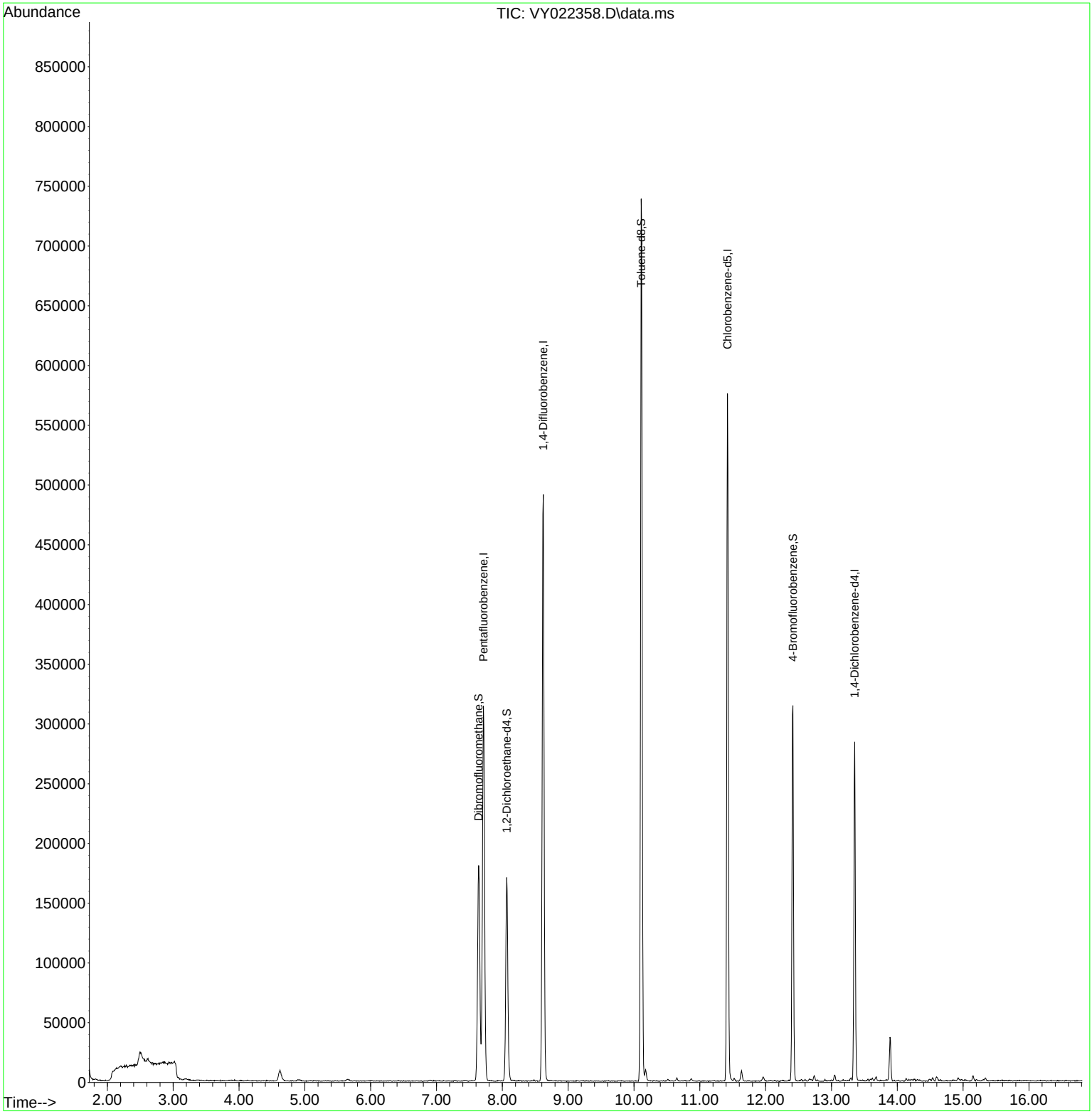
Target Compounds Qvalue

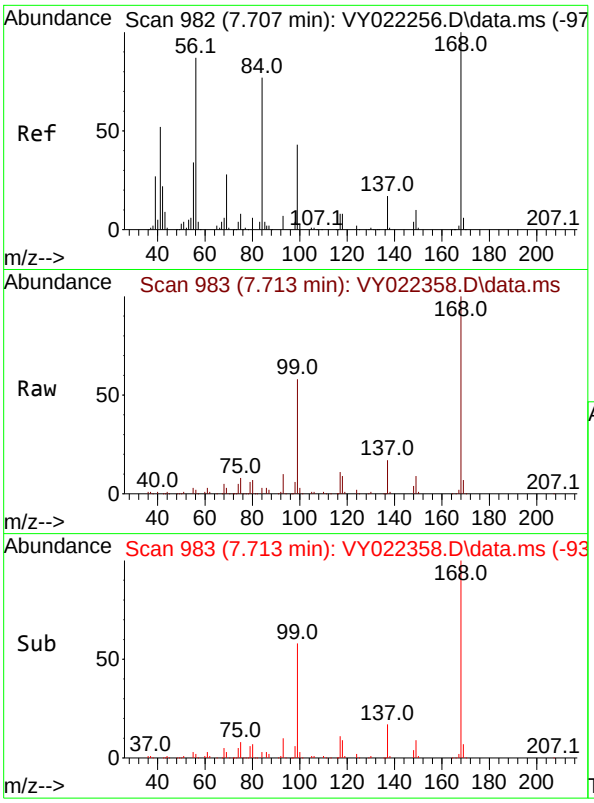
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022358.D
Acq On : 21 May 2025 11:37
Operator : SY/MD
Sample : Q2056-05
Misc : 6.92g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD15

Quant Time: May 22 00:07:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration



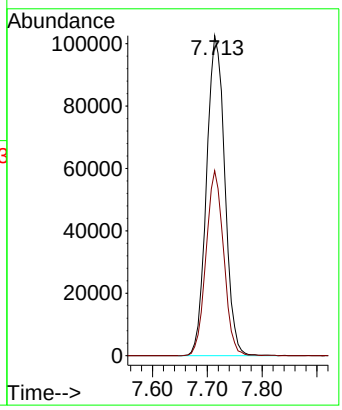


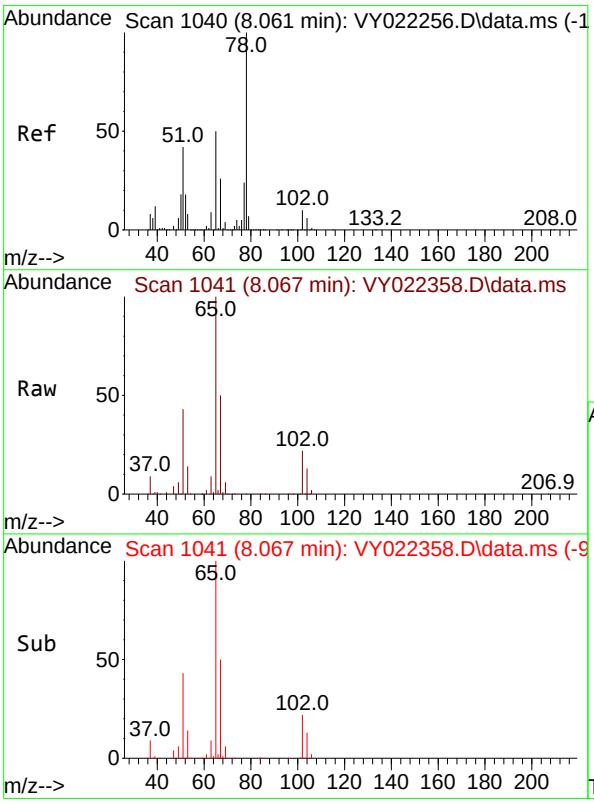

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD15

Tgt Ion:168 Resp: 236757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 57.8 | 44.2 | 66.4 |

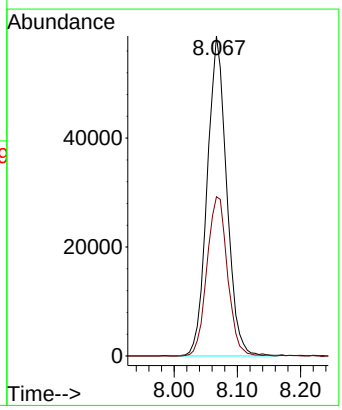


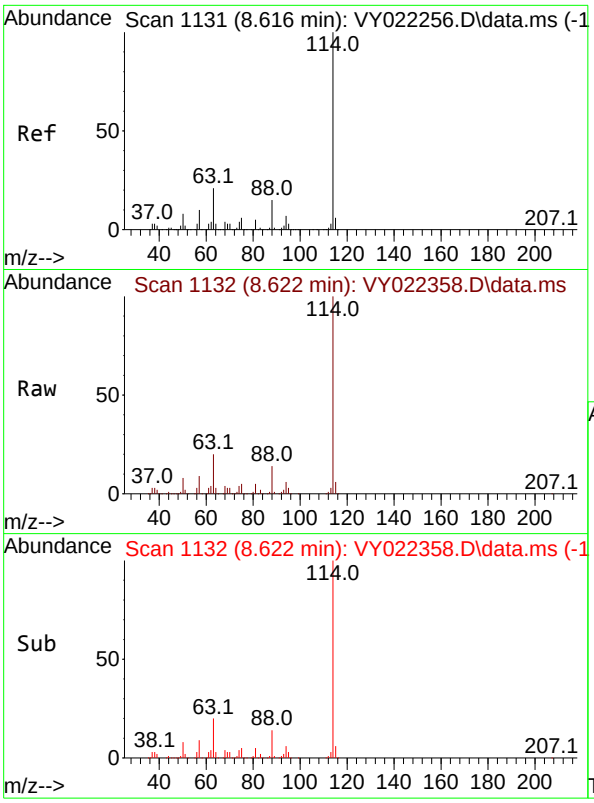




#33
1,2-Dichloroethane-d4
Concen: 48.481 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

Tgt Ion: 65 Resp: 125446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.5 | 0.0 | 104.6 |



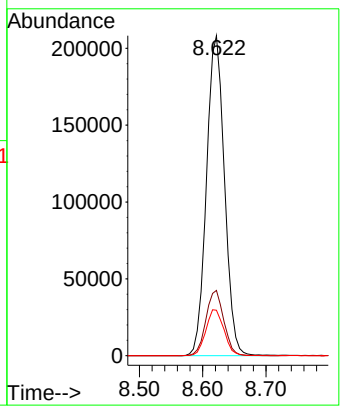


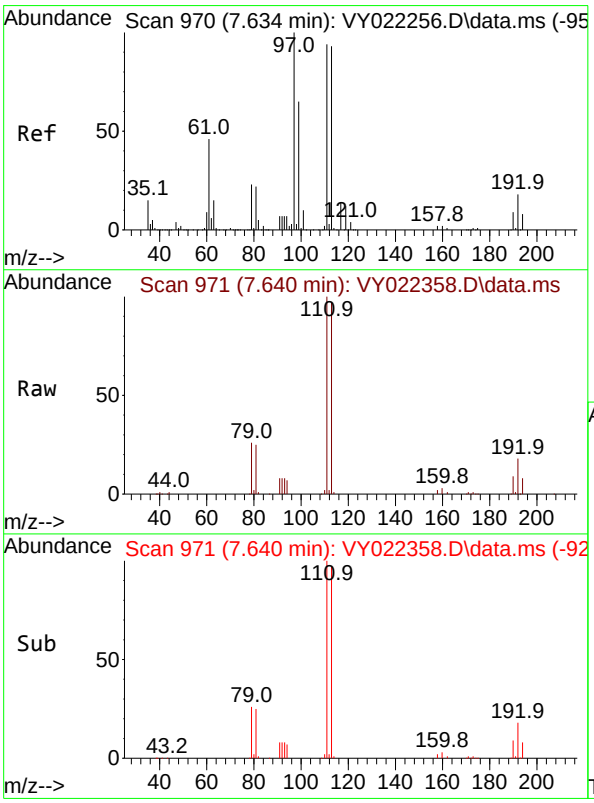

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD15

Tgt Ion:114 Resp: 411751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.4 | 0.0 | 41.0 |
| 88 | 14.2 | 0.0 | 29.4 |

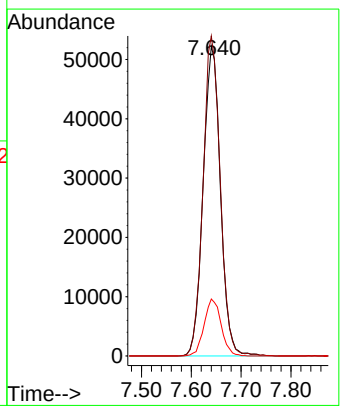


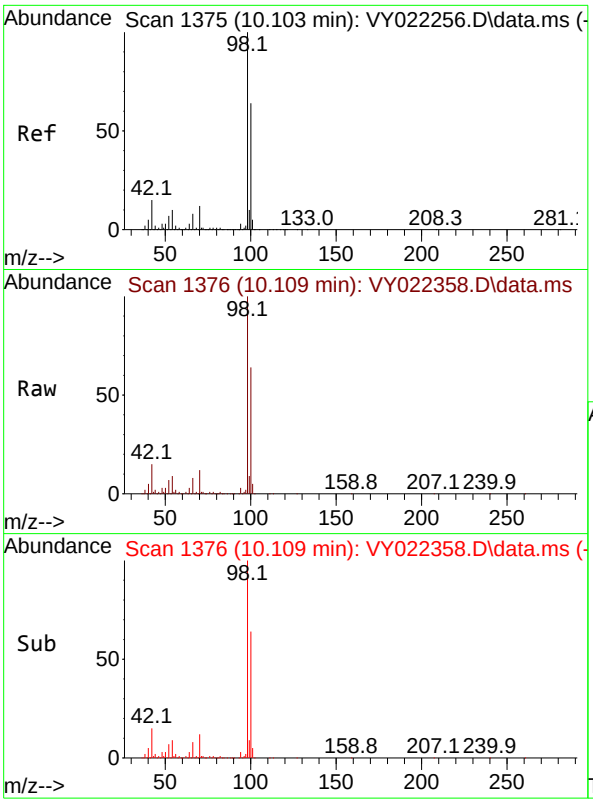




#35
Dibromofluoromethane
Concen: 51.223 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

Tgt Ion:113 Resp: 125883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.5 | 82.6 | 123.8 |
| 192 | 18.1 | 15.2 | 22.8 |



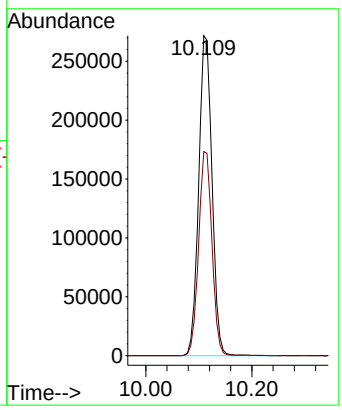


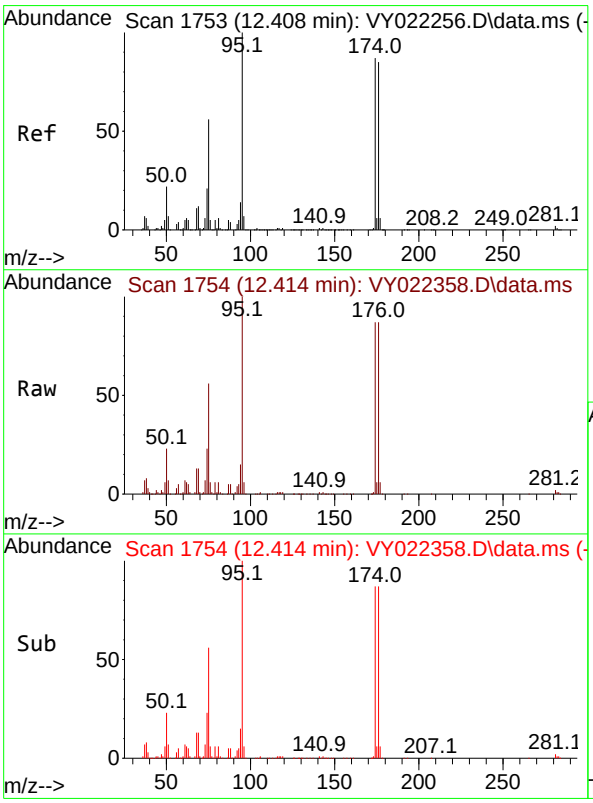

#50
Toluene-d8
Concen: 47.067 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD15

Tgt Ion: 98 Resp: 473741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.1 | 51.8 | 77.8 |

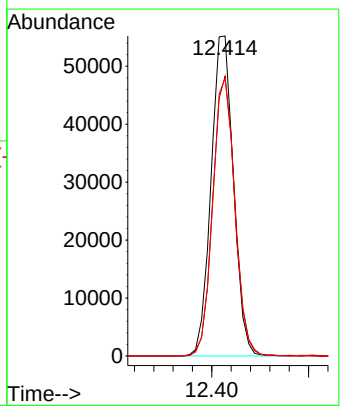


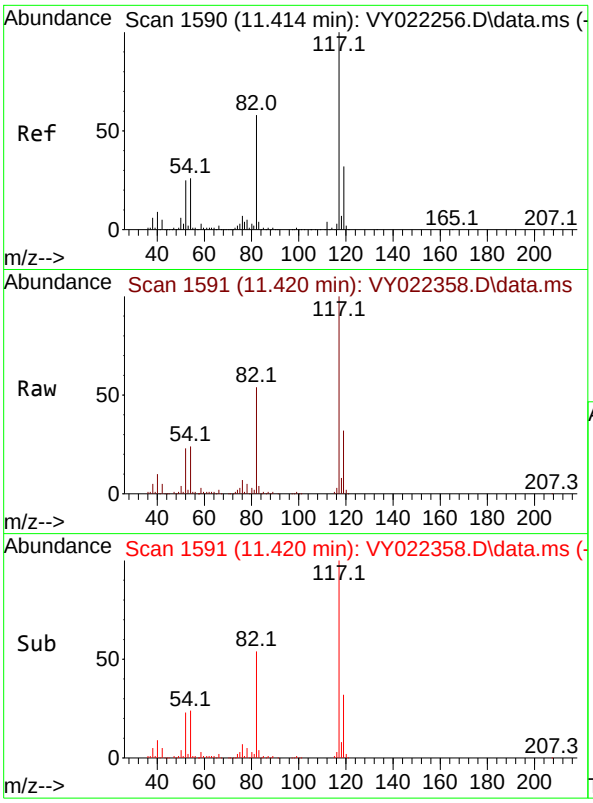




#62
4-Bromofluorobenzene
Concen: 27.811 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

Tgt Ion: 95 Resp: 88724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 86.2 | 0.0 | 166.8 |
| 176 | 85.4 | 0.0 | 160.8 |



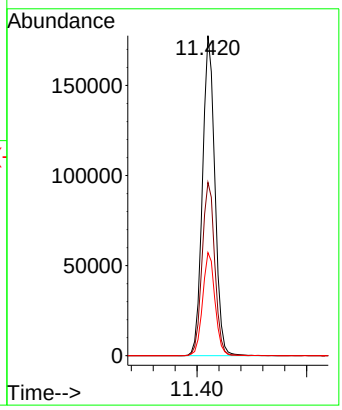


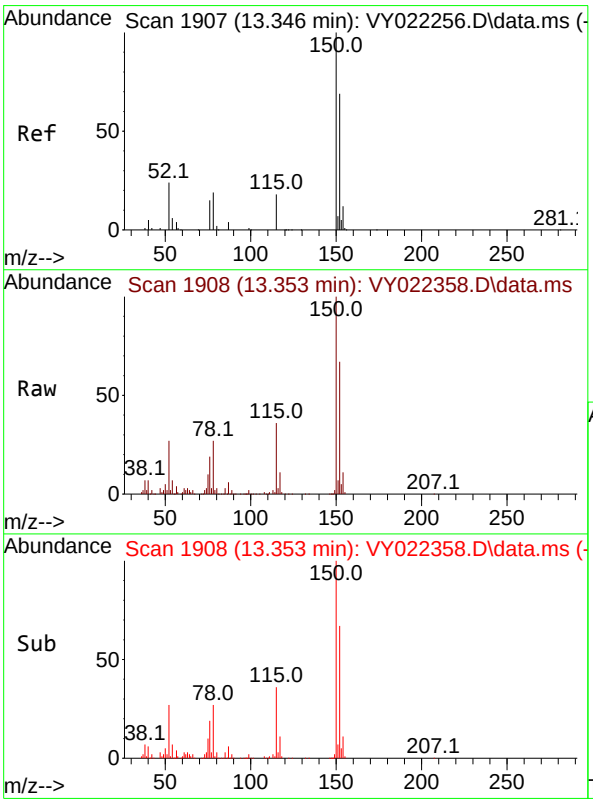

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD15

Tgt Ion:117 Resp: 277651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.2 | 46.6 | 70.0 |
| 119 | 32.2 | 25.8 | 38.6 |

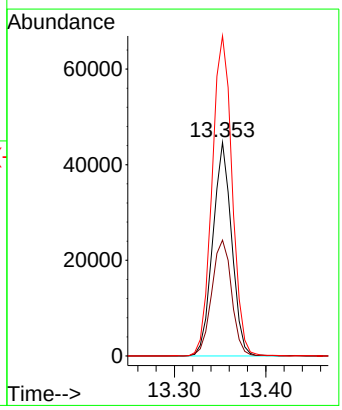



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

Tgt Ion:152 Resp: 64045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.4 | 29.4 | 88.2 |
| 150 | 159.2 | 0.0 | 353.8 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022358.D
Acq On : 21 May 2025 11:37
Operator : SY/MD
Sample : Q2056-05
Misc : 6.92g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD15

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Title : SW846 8260

Signal : TIC: VY022358.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.495 | 121 | 127 | 128 | rBV5 | 10104 | 17099 | 1.33% | 0.297% |
| 2 | 4.622 | 465 | 476 | 487 | rBV2 | 9083 | 27677 | 2.15% | 0.480% |
| 3 | 7.640 | 955 | 971 | 977 | rBV | 180315 | 432275 | 33.62% | 7.497% |
| 4 | 7.713 | 977 | 983 | 994 | rVB2 | 313315 | 711413 | 55.33% | 12.337% |
| 5 | 8.067 | 1031 | 1041 | 1052 | rBV | 170329 | 376233 | 29.26% | 6.525% |
| 6 | 8.622 | 1123 | 1132 | 1142 | rBV | 490817 | 974796 | 75.82% | 16.905% |
| 7 | 10.109 | 1369 | 1376 | 1384 | rBV | 738631 | 1285746 | 100.00% | 22.297% |
| 8 | 10.176 | 1384 | 1387 | 1397 | rVB2 | 9348 | 16365 | 1.27% | 0.284% |
| 9 | 11.420 | 1584 | 1591 | 1605 | rBV | 575069 | 910644 | 70.83% | 15.792% |
| 10 | 11.633 | 1619 | 1626 | 1634 | rBV2 | 8809 | 15891 | 1.24% | 0.276% |
| 11 | 12.414 | 1747 | 1754 | 1764 | rVB | 314225 | 510931 | 39.74% | 8.861% |
| 12 | 13.353 | 1901 | 1908 | 1916 | rBV | 283069 | 427565 | 33.25% | 7.415% |
| 13 | 13.889 | 1990 | 1996 | 2002 | rVB2 | 36742 | 59697 | 4.64% | 1.035% |

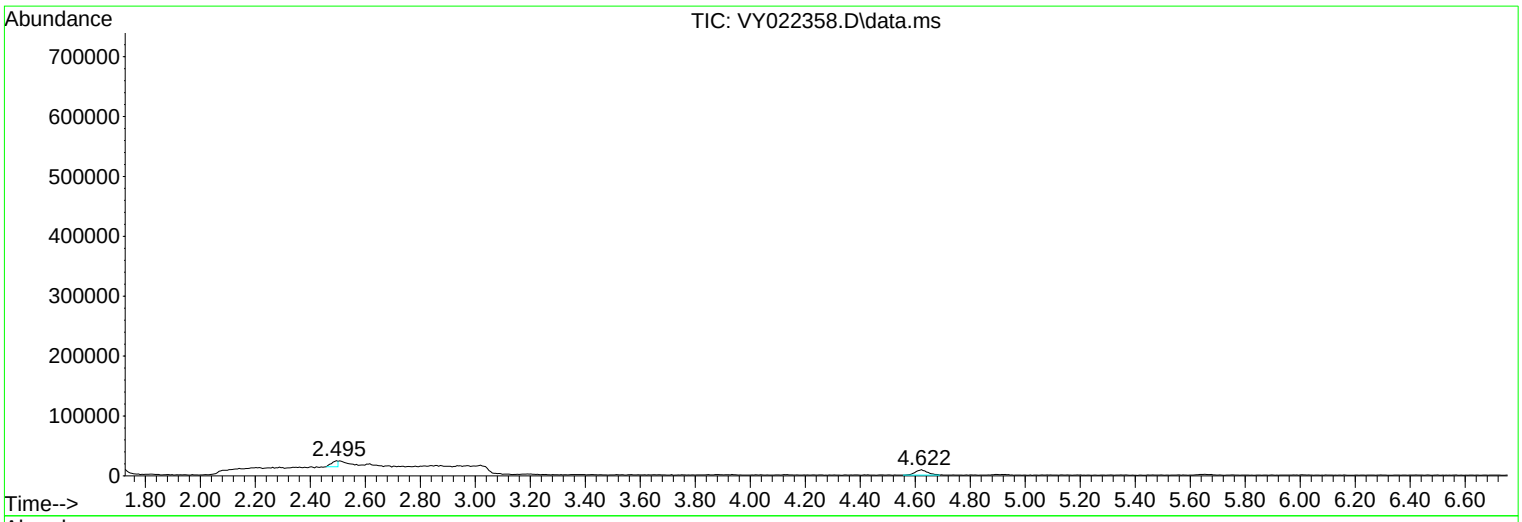
Sum of corrected areas: 5766332

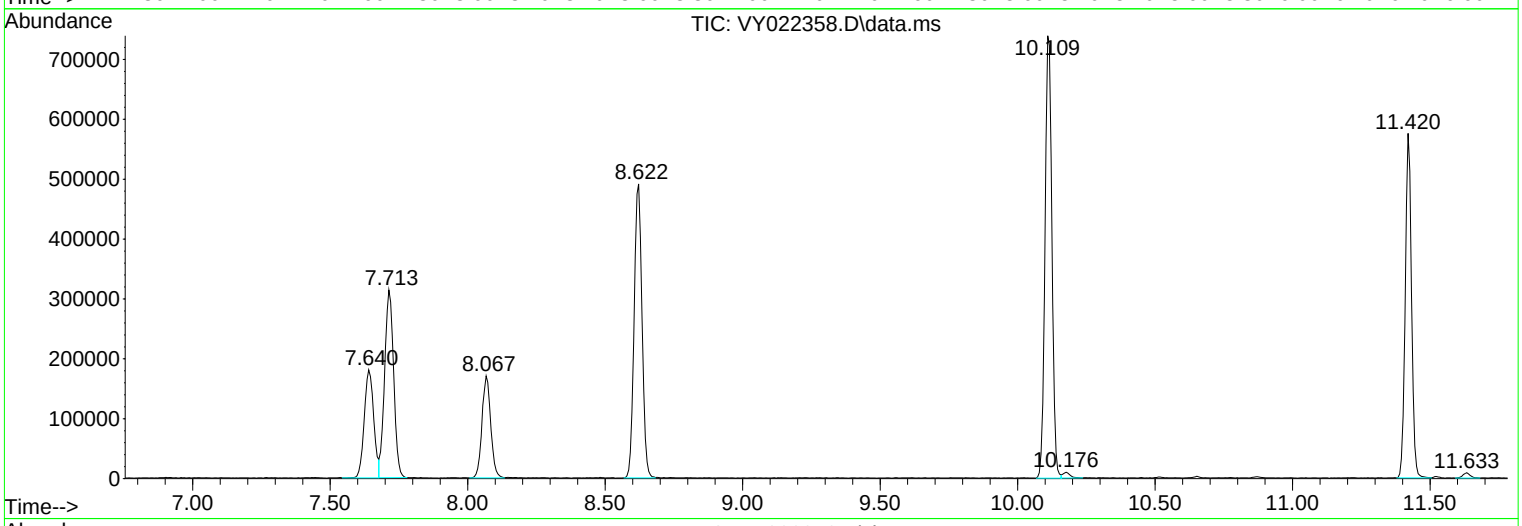
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022358.D
Acq On : 21 May 2025 11:37
Operator : SY/MD
Sample : Q2056-05
Misc : 6.92g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

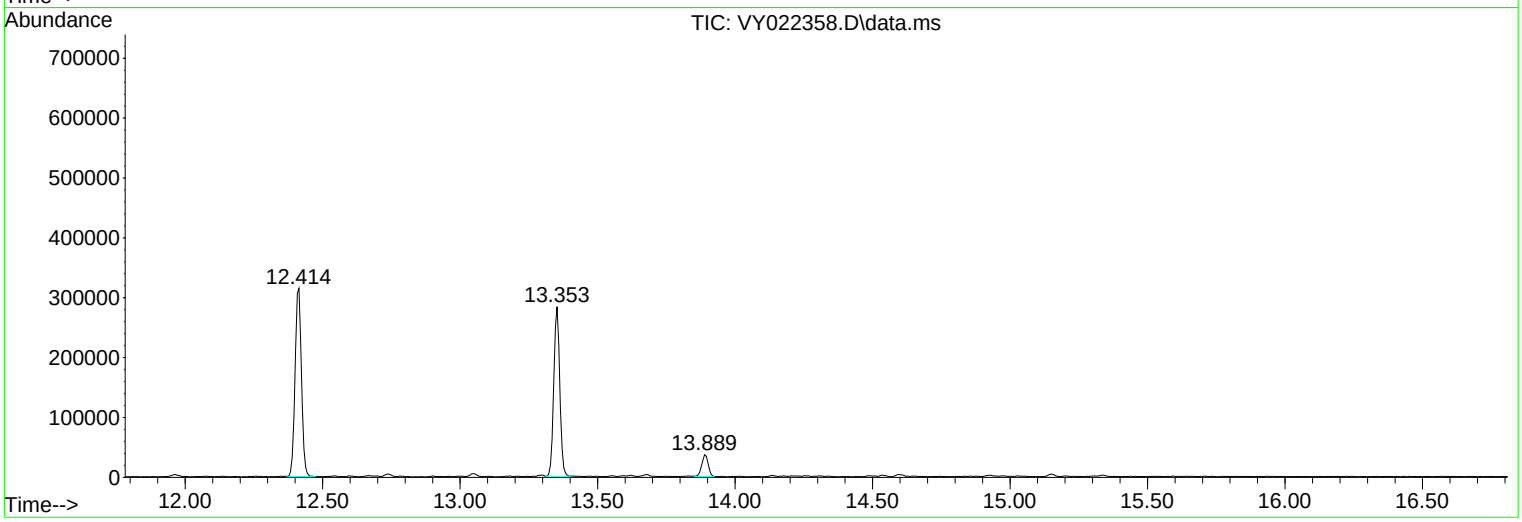
**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022358.D
Acq On : 21 May 2025 11:37
Operator : SY/MD
Sample : Q2056-05
Misc : 6.92g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022358.D
Acq On : 21 May 2025 11:37
Operator : SY/MD
Sample : Q2056-05
Misc : 6.92g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GVD15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | Internal Standard # | Internal Standard RT | Internal Standard Resp | Internal Standard Conc |
|---|---|---|---|---|---|---|---|---|

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022304.D
Acq On : 19 May 2025 09:00
Operator : SY/MD
Sample : VY0519SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBL01

Quant Time: May 20 01:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.707 | 168 | 331048 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.616 | 114 | 571469 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.420 | 117 | 438659 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152 | 158015 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.061 | 65 | 148693 | 41.098 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 82.200% | | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 161852 | 47.452 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 94.900% | | | |
| 50) Toluene-d8 | 10.109 | 98 | 681316 | 48.772 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 97.540% | | | |
| 62) 4-Bromofluorobenzene | 12.408 | 95 | 166911 | 37.696 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 75.400% | | | |

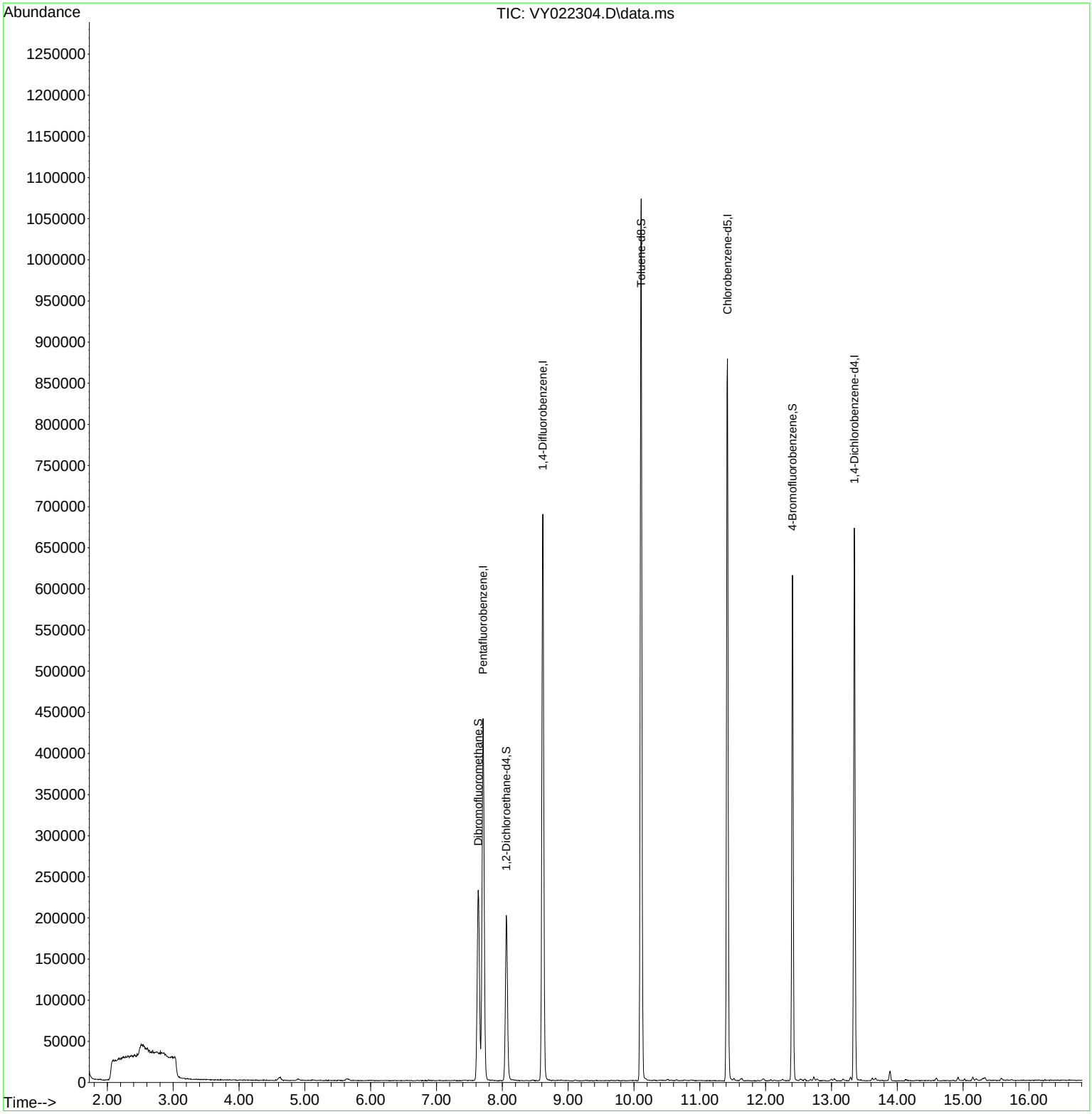
Target Compounds Qvalue

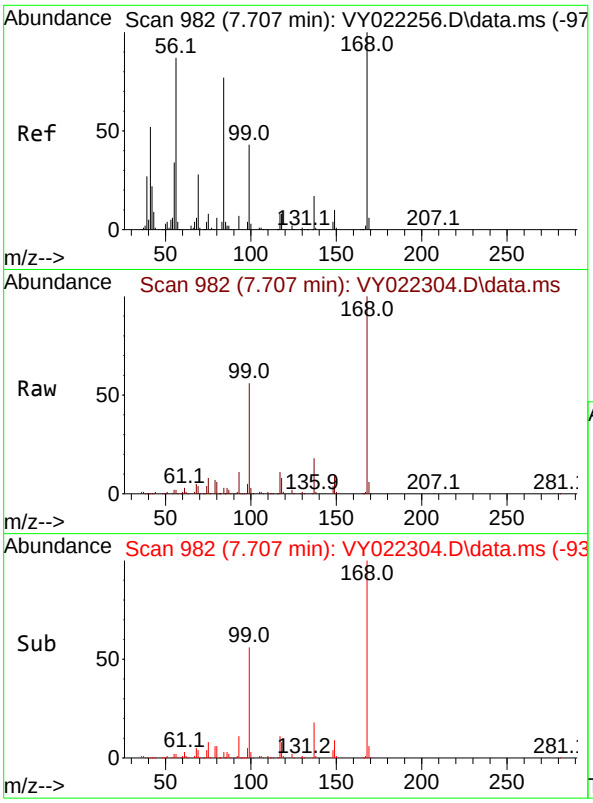
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022304.D
Acq On : 19 May 2025 09:00
Operator : SY/MD
Sample : VY0519SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBL01

Quant Time: May 20 01:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration



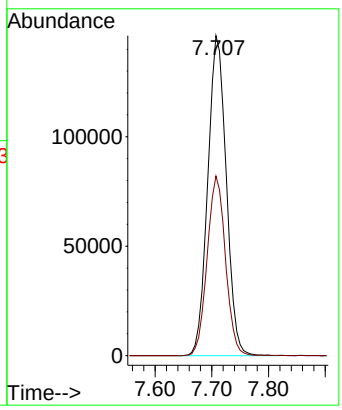


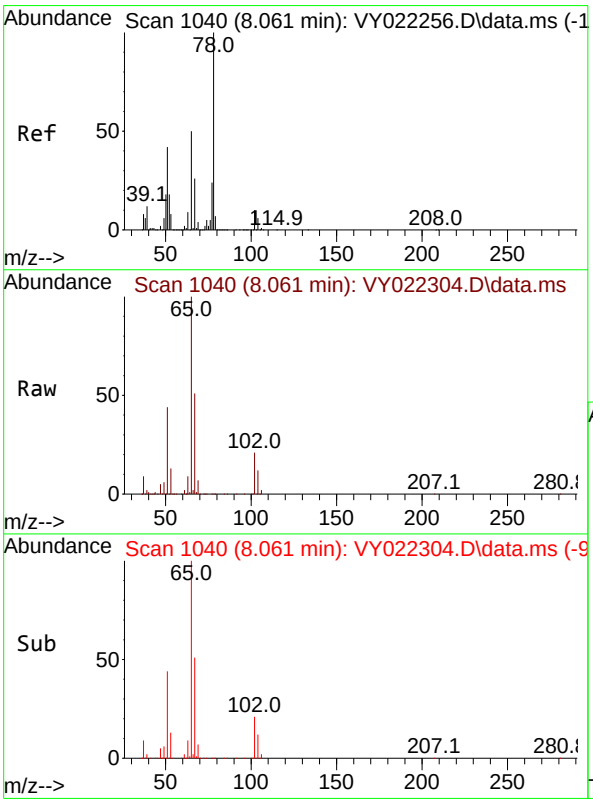

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022304.D
Acq: 19 May 2025 09:00

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBL01

Tgt Ion:168 Resp: 331048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.1 | 44.2 | 66.4 |

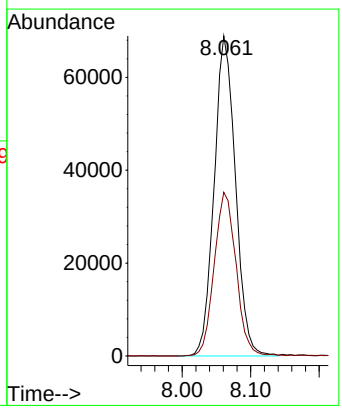


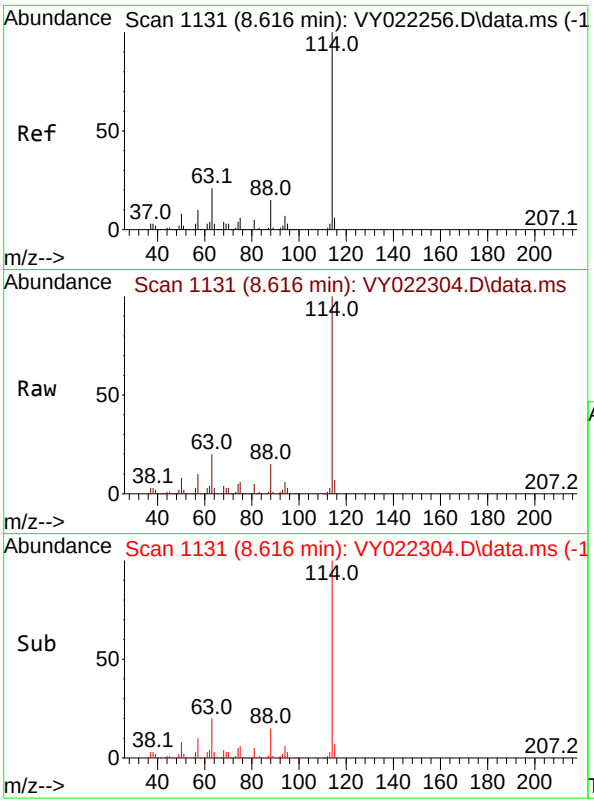




#33
1,2-Dichloroethane-d4
Concen: 41.098 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022304.D
Acq: 19 May 2025 09:00

Tgt Ion: 65 Resp: 148693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.5 | 0.0 | 104.6 |



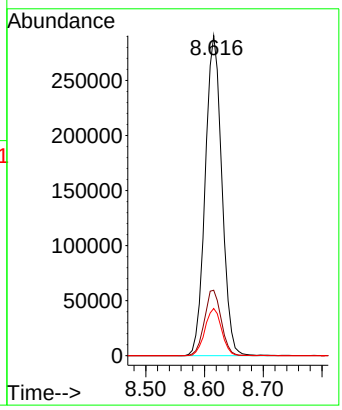


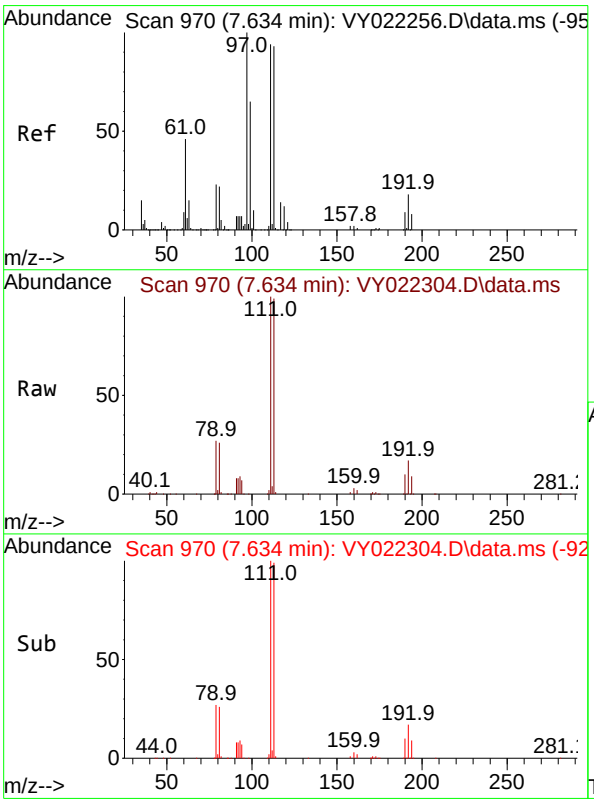

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022304.D
Acq: 19 May 2025 09:00

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBL01

Tgt Ion:114 Resp: 571469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.4 | 0.0 | 41.0 |
| 88 | 14.7 | 0.0 | 29.4 |

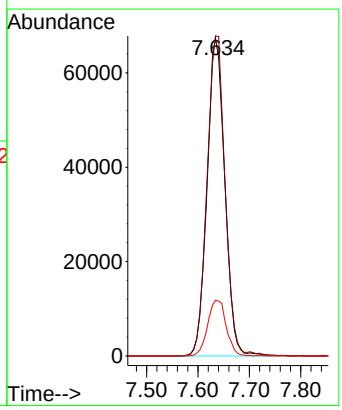


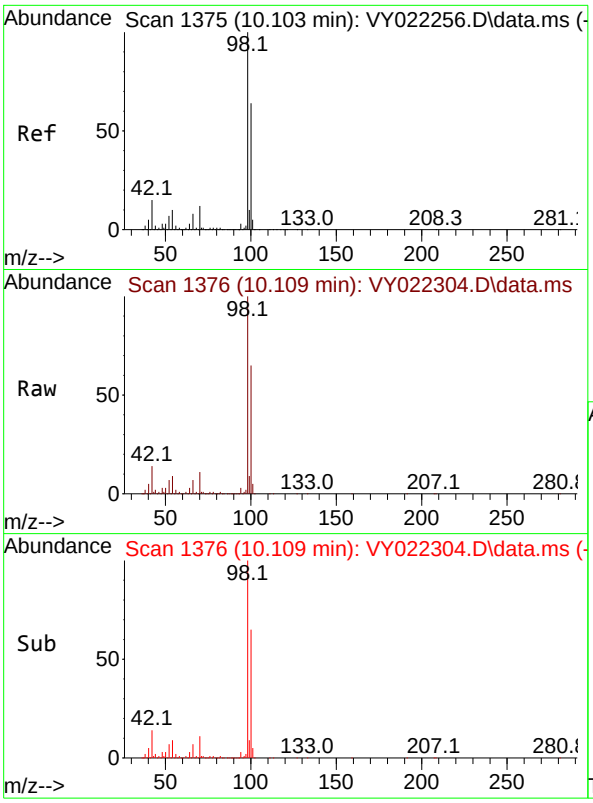




#35
Dibromofluoromethane
Concen: 47.452 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022304.D
Acq: 19 May 2025 09:00

Tgt Ion:113 Resp: 161852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.3 | 82.6 | 123.8 |
| 192 | 18.3 | 15.2 | 22.8 |



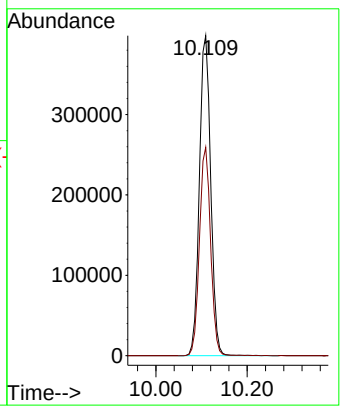


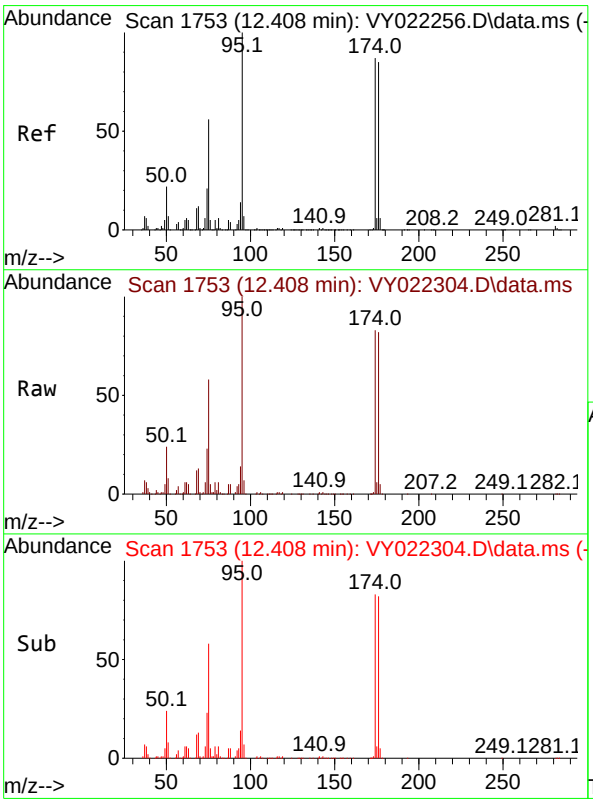

#50
Toluene-d8
Concen: 48.772 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022304.D
Acq: 19 May 2025 09:00

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBL01

Tgt Ion: 98 Resp: 681316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.1 | 51.8 | 77.8 |

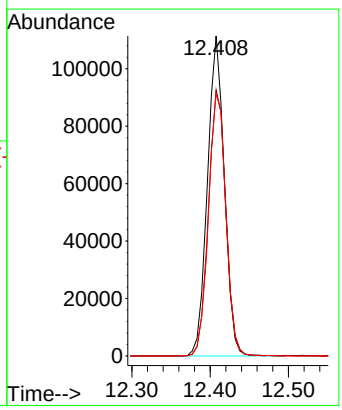


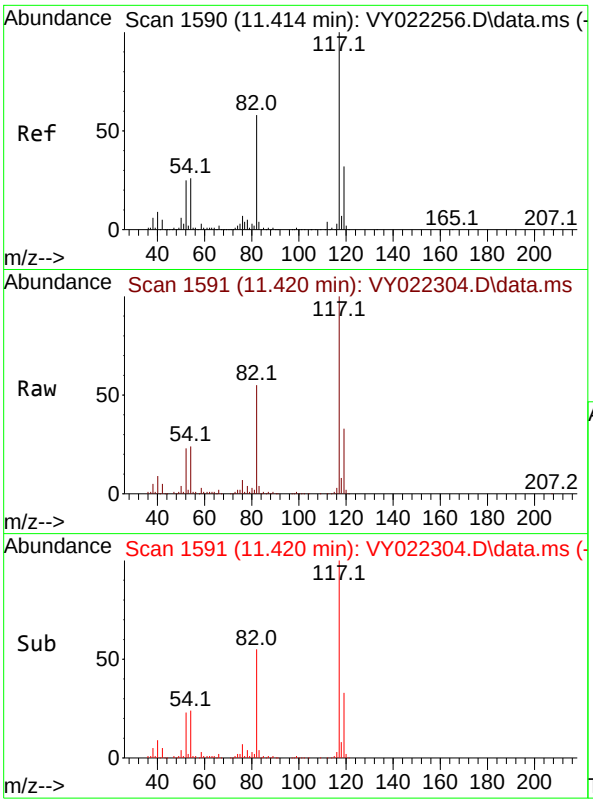




#62
4-Bromofluorobenzene
Concen: 37.696 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022304.D
Acq: 19 May 2025 09:00

Tgt Ion: 95 Resp: 166911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 85.5 | 0.0 | 166.8 |
| 176 | 84.4 | 0.0 | 160.8 |



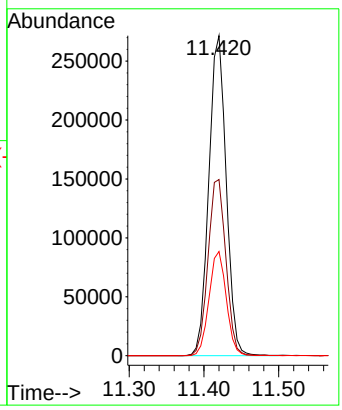


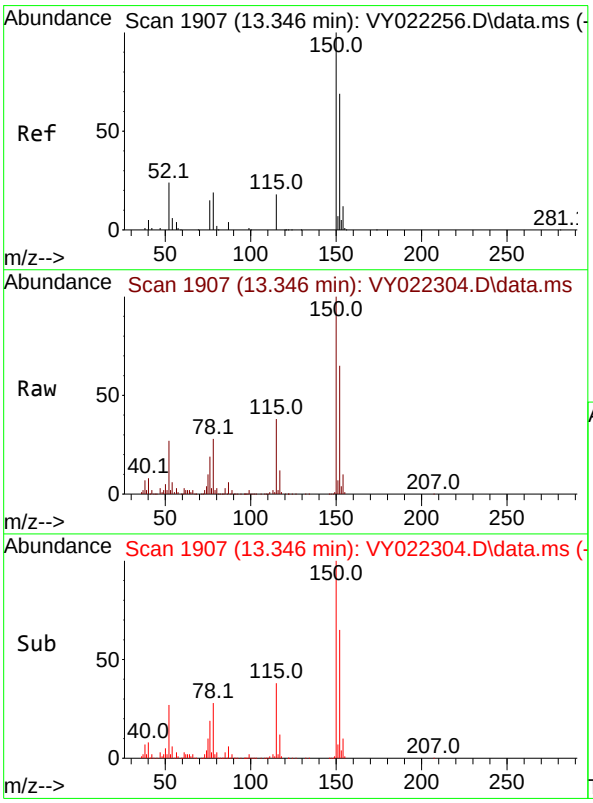

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022304.D
Acq: 19 May 2025 09:00

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBL01

Tgt Ion:117 Resp: 438659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.1 | 46.6 | 70.0 |
| 119 | 32.5 | 25.8 | 38.6 |

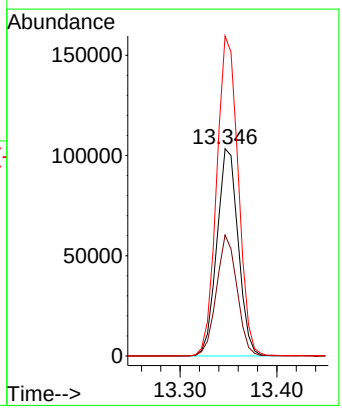



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022304.D
Acq: 19 May 2025 09:00

Tgt Ion:152 Resp: 158015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.4 | 29.4 | 88.2 |
| 150 | 156.2 | 0.0 | 353.8 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022304.D
Acq On : 19 May 2025 09:00
Operator : SY/MD
Sample : VY0519SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Title : SW846 8260

Signal : TIC: VY022304.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.092 | 49 | 61 | 63 | rBV6 | 24533 | 78484 | 4.22% | 0.900% |
| 2 | 7.634 | 959 | 970 | 976 | rBV | 231293 | 554923 | 29.87% | 6.362% |
| 3 | 7.707 | 976 | 982 | 997 | rVB | 439523 | 986801 | 53.11% | 11.313% |
| 4 | 8.061 | 1029 | 1040 | 1053 | rBV | 201353 | 446034 | 24.01% | 5.113% |
| 5 | 8.616 | 1122 | 1131 | 1143 | rBV | 688190 | 1357124 | 73.04% | 15.558% |
| 6 | 10.109 | 1366 | 1376 | 1393 | rBV | 1072255 | 1857991 | 100.00% | 21.300% |
| 7 | 11.420 | 1583 | 1591 | 1602 | rBV | 878188 | 1452457 | 78.17% | 16.651% |
| 8 | 12.408 | 1744 | 1753 | 1763 | rBV | 614660 | 942357 | 50.72% | 10.803% |
| 9 | 13.346 | 1901 | 1907 | 1915 | rBV | 671041 | 1027778 | 55.32% | 11.782% |
| 10 | 13.889 | 1991 | 1996 | 2002 | rVB | 11667 | 19139 | 1.03% | 0.219% |

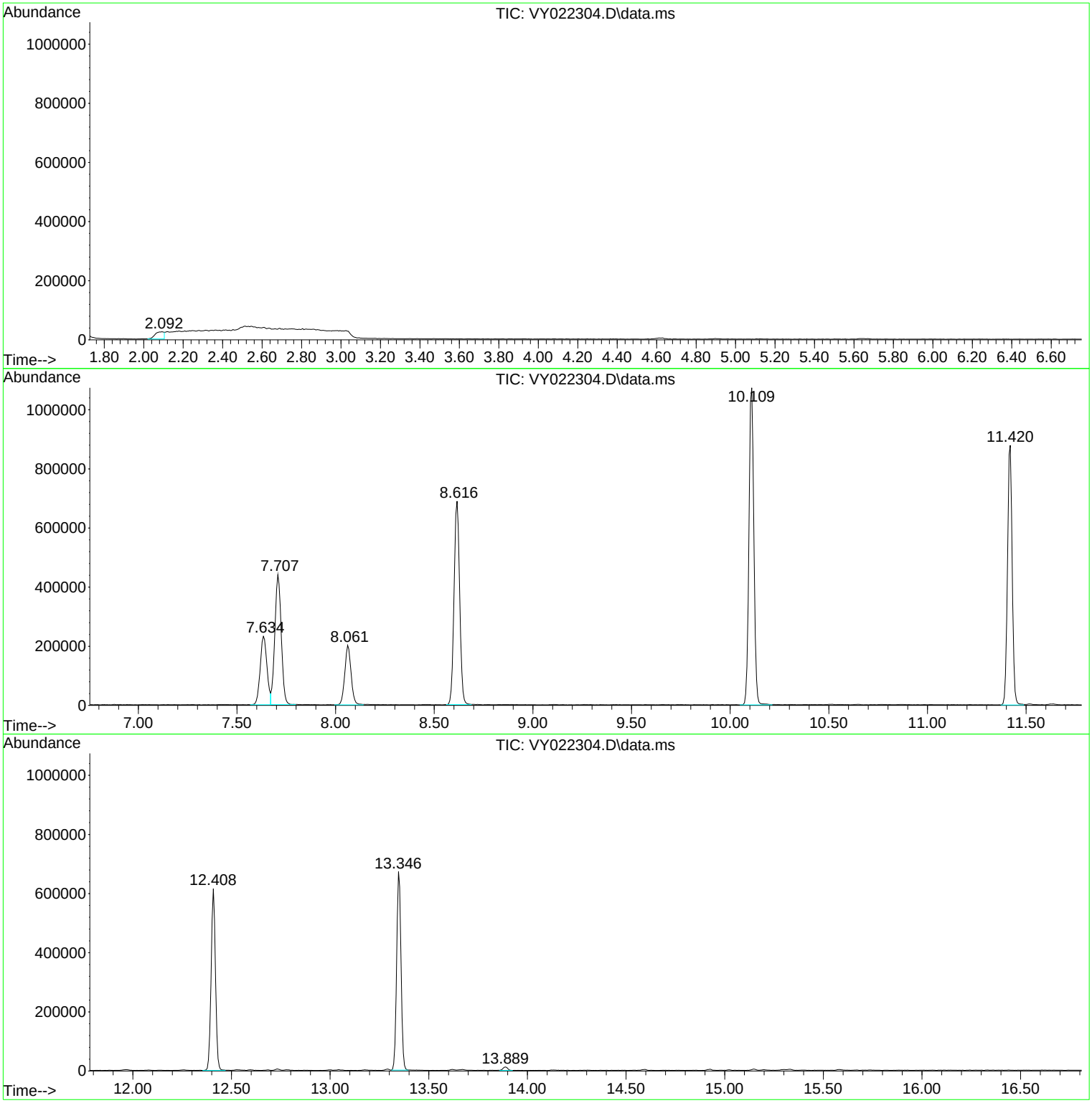
Sum of corrected areas: 8723088

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022304.D
Acq On : 19 May 2025 09:00
Operator : SY/MD
Sample : VY0519SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022304.D
Acq On : 19 May 2025 09:00
Operator : SY/MD
Sample : VY0519SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022304.D
Acq On : 19 May 2025 09:00
Operator : SY/MD
Sample : VY0519SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022330.D
Acq On : 20 May 2025 09:48
Operator : SY/MD
Sample : VY0520SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBL01

Quant Time: May 21 01:43:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.707 | 168 | 253729 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.615 | 114 | 453295 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.420 | 117 | 355808 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152 | 124571 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.061 | 65 | 126632 | 45.666 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 91.340% | | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 130811 | 48.349 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 96.700% | | | |
| 50) Toluene-d8 | 10.109 | 98 | 538600 | 48.607 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 97.220% | | | |
| 62) 4-Bromofluorobenzene | 12.407 | 95 | 184563 | 52.549 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 105.100% | | | |

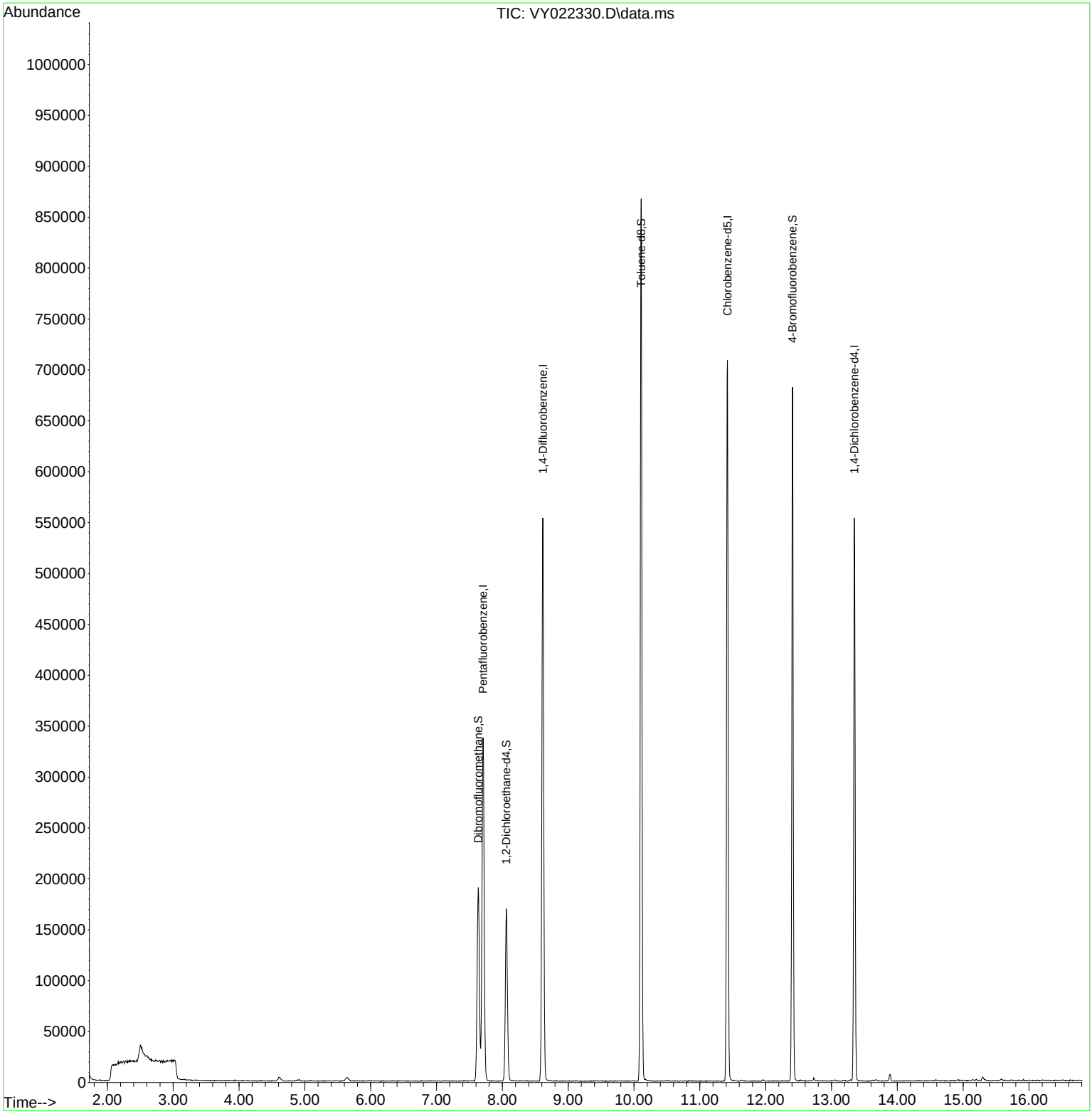
Target Compounds Qvalue

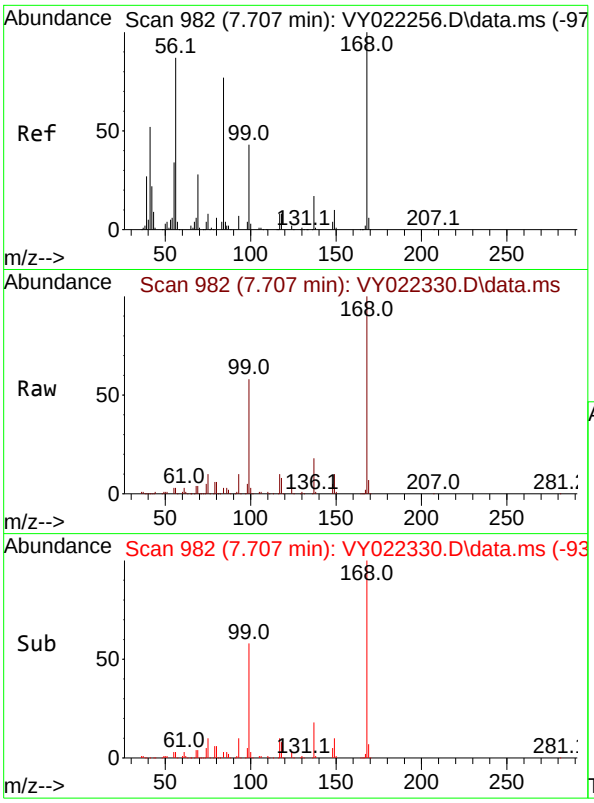
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022330.D
Acq On : 20 May 2025 09:48
Operator : SY/MD
Sample : VY0520SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBL01

Quant Time: May 21 01:43:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration



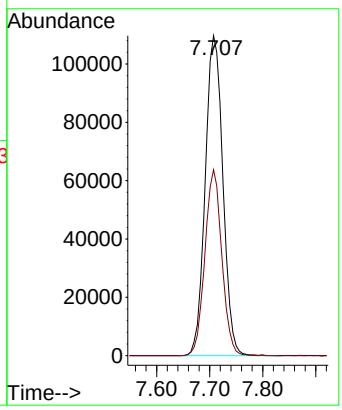


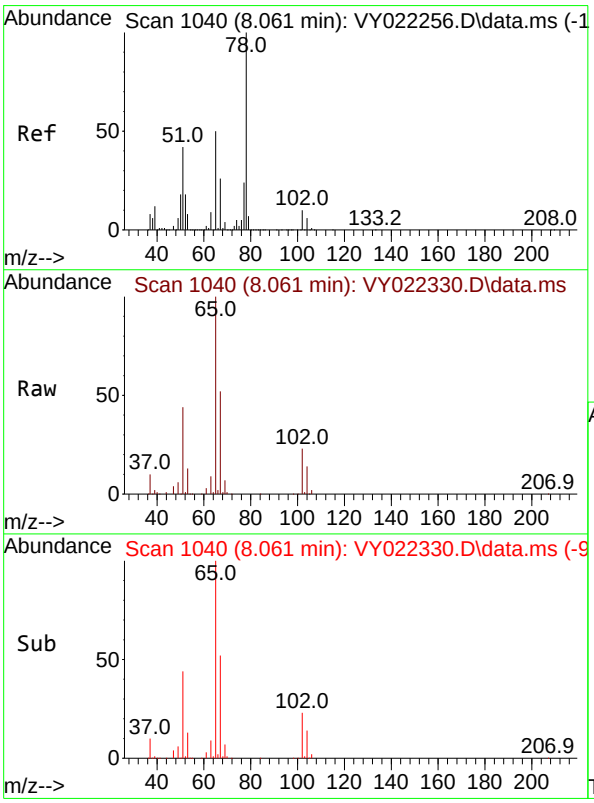

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBL01

Tgt Ion:168 Resp: 253729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 58.1 | 44.2 | 66.4 |

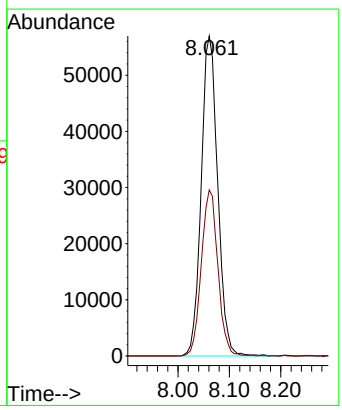


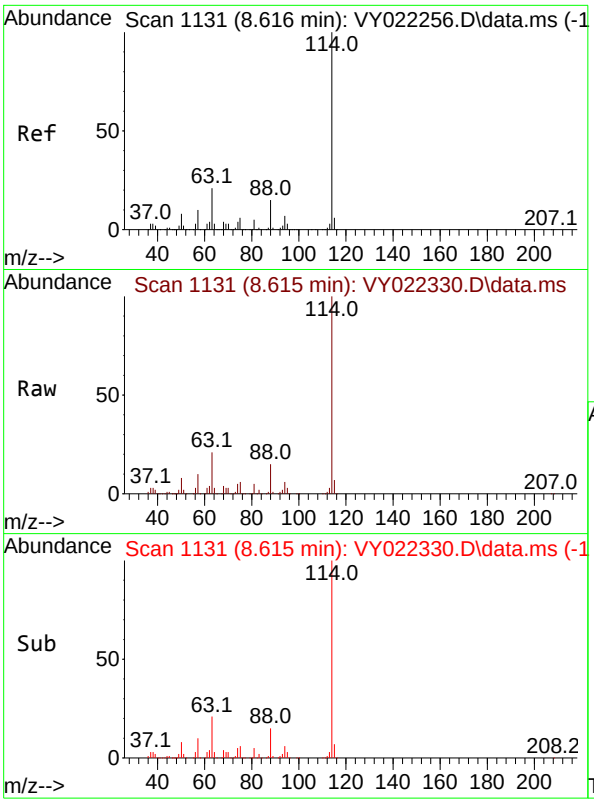




#33
1,2-Dichloroethane-d4
Concen: 45.666 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

Tgt Ion: 65 Resp: 126632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.1 | 0.0 | 104.6 |



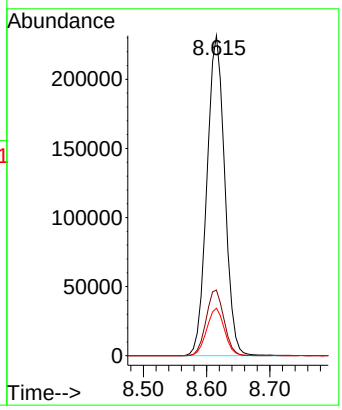


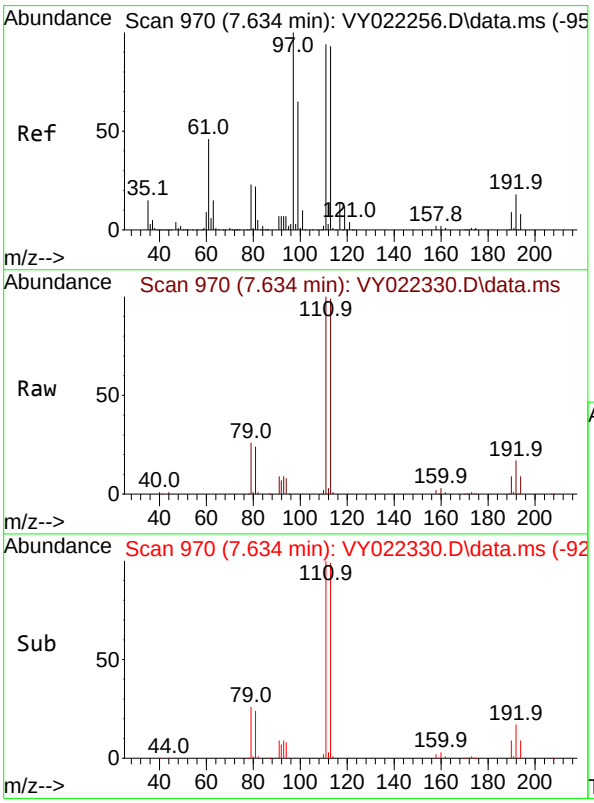

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBL01

Tgt Ion:114 Resp: 453295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.5 | 0.0 | 41.0 |
| 88 | 14.9 | 0.0 | 29.4 |

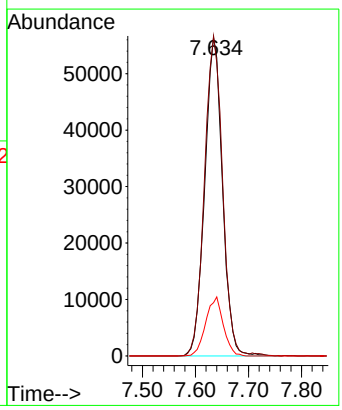


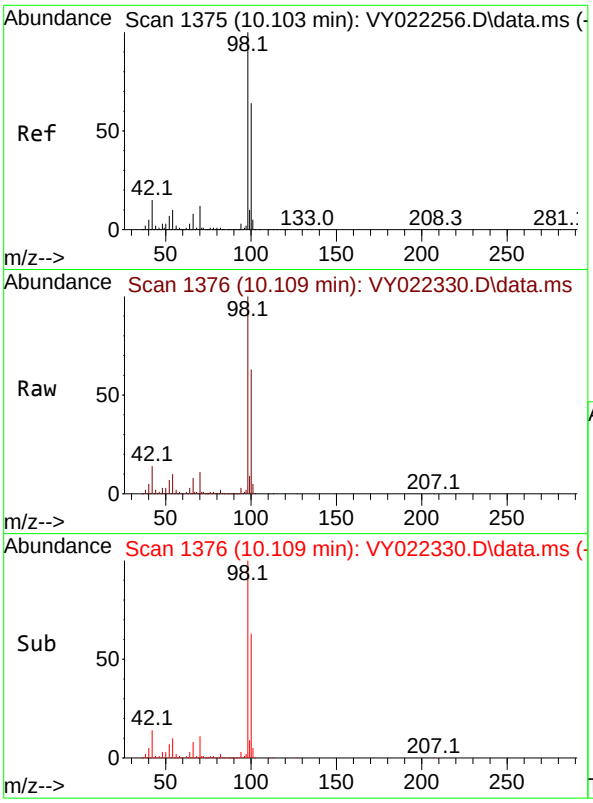




#35
Dibromofluoromethane
Concen: 48.349 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

Tgt Ion:113 Resp: 130811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.3 | 82.6 | 123.8 |
| 192 | 18.4 | 15.2 | 22.8 |



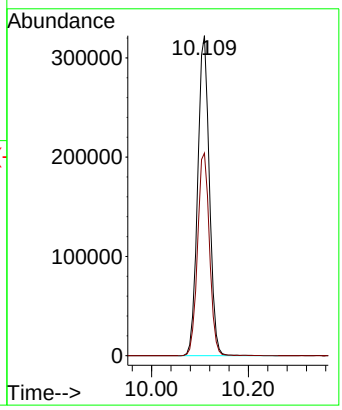


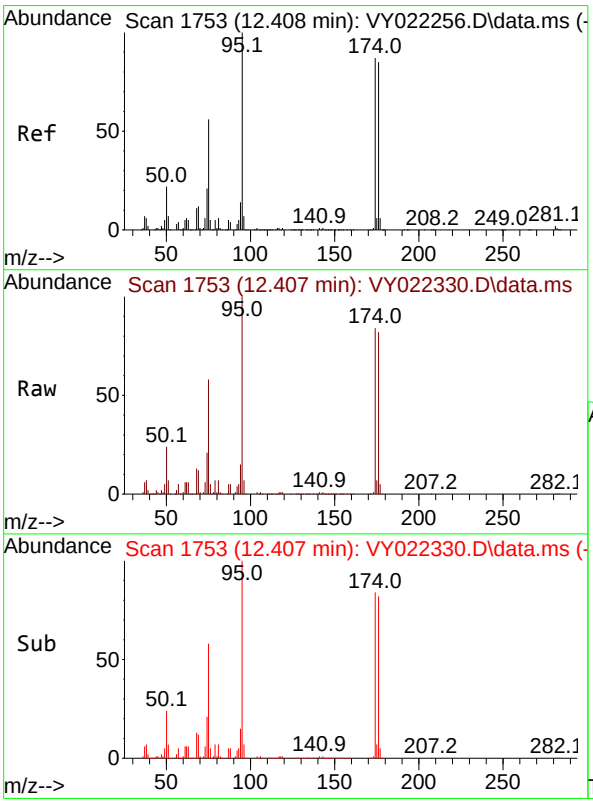

#50
Toluene-d8
Concen: 48.607 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBL01

Tgt Ion: 98 Resp: 538600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.5 | 51.8 | 77.8 |

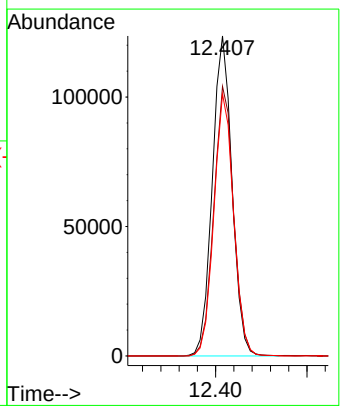


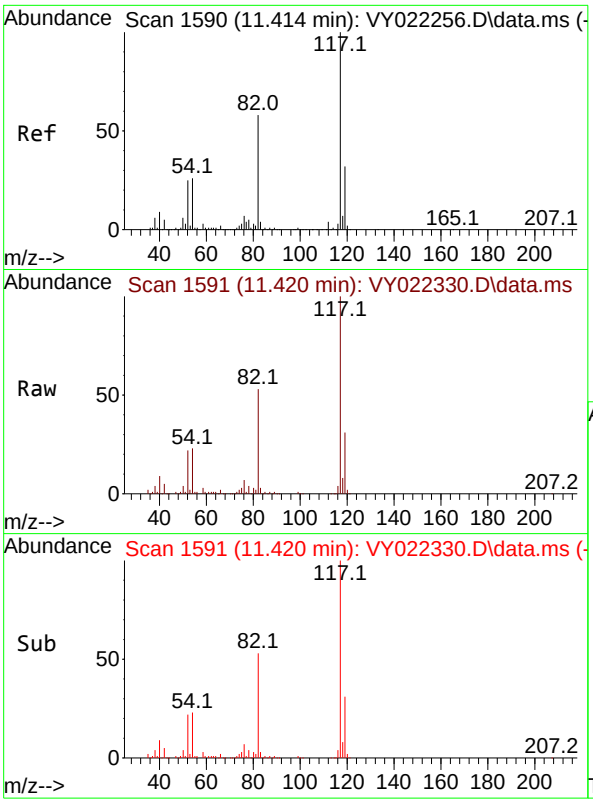




#62
4-Bromofluorobenzene
Concen: 52.549 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

Tgt Ion: 95 Resp: 184563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 85.0 | 0.0 | 166.8 |
| 176 | 81.9 | 0.0 | 160.8 |



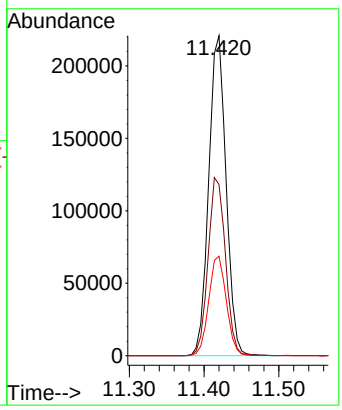


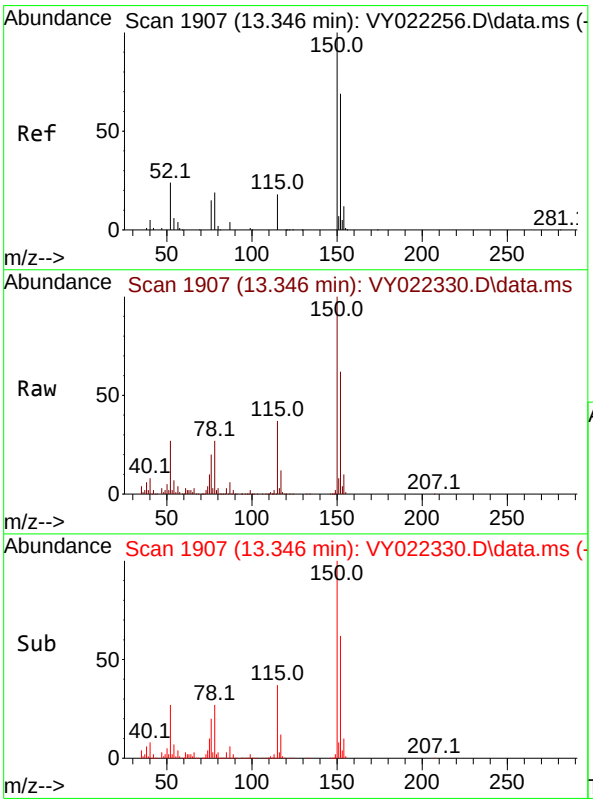

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBL01

Tgt Ion:117 Resp: 355808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.5 | 46.6 | 70.0 |
| 119 | 31.1 | 25.8 | 38.6 |

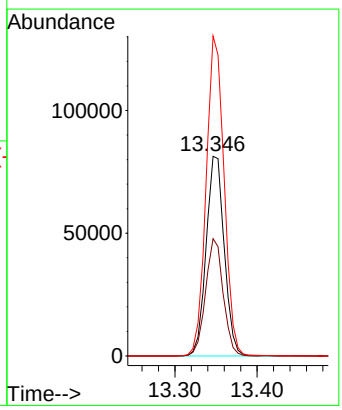



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

Tgt Ion:152 Resp: 124571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.1 | 29.4 | 88.2 |
| 150 | 158.5 | 0.0 | 353.8 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022330.D
Acq On : 20 May 2025 09:48
Operator : SY/MD
Sample : VY0520SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Title : SW846 8260

Signal : TIC: VY022330.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.080 | 50 | 59 | 60 | rBV2 | 15193 | 34214 | 2.32% | 0.473% |
| 2 | 2.501 | 122 | 128 | 131 | rBV6 | 13645 | 29809 | 2.02% | 0.412% |
| 3 | 7.634 | 961 | 970 | 976 | rBV2 | 190007 | 456378 | 30.96% | 6.304% |
| 4 | 7.707 | 976 | 982 | 994 | rVB | 336910 | 762617 | 51.73% | 10.535% |
| 5 | 8.061 | 1031 | 1040 | 1053 | rBV | 169211 | 372273 | 25.25% | 5.143% |
| 6 | 8.615 | 1122 | 1131 | 1144 | rBV | 553402 | 1081691 | 73.37% | 14.943% |
| 7 | 10.109 | 1368 | 1376 | 1386 | rBV | 866837 | 1474301 | 100.00% | 20.366% |
| 8 | 11.420 | 1582 | 1591 | 1603 | rBV | 708203 | 1166913 | 79.15% | 16.120% |
| 9 | 12.407 | 1745 | 1753 | 1765 | rBV | 681791 | 1036262 | 70.29% | 14.315% |
| 10 | 13.346 | 1901 | 1907 | 1915 | rBV | 552904 | 824560 | 55.93% | 11.390% |

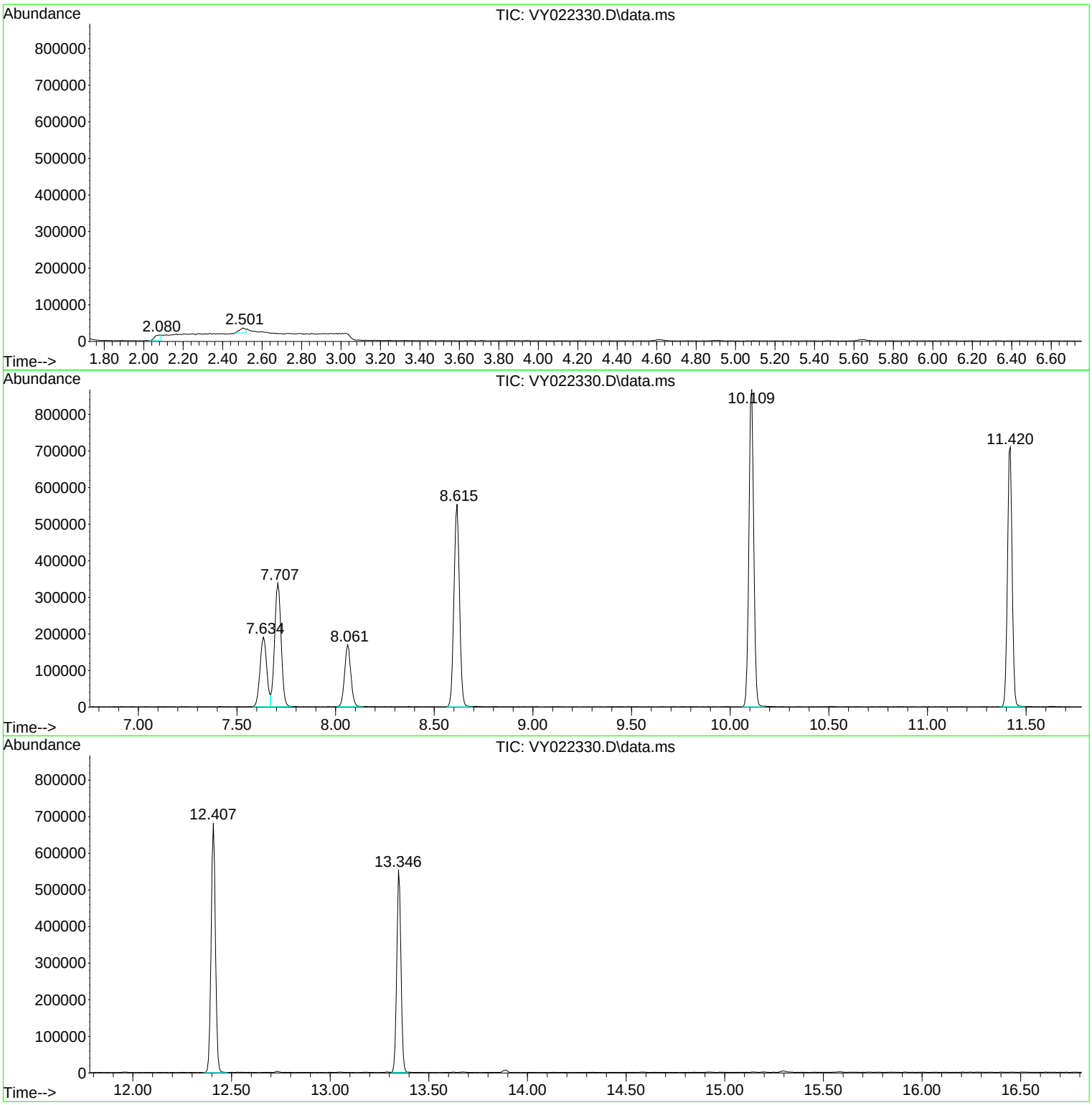
Sum of corrected areas: 7239018

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022330.D
Acq On : 20 May 2025 09:48
Operator : SY/MD
Sample : VY0520SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022330.D
Acq On : 20 May 2025 09:48
Operator : SY/MD
Sample : VY0520SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022330.D
Acq On : 20 May 2025 09:48
Operator : SY/MD
Sample : VY0520SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | Internal Standard # | Internal Standard RT | Internal Standard Resp | Internal Standard Conc |
|---|---|---|---|---|---|---|---|---|

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022355.D
Acq On : 21 May 2025 10:05
Operator : SY/MD
Sample : VY0521SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBL01

Quant Time: May 22 00:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.713 | 168 | 261806 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.615 | 114 | 457379 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.420 | 117 | 349876 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.352 | 152 | 119412 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.067 | 65 | 121999 | 42.638 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 85.280% | | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 131294 | 48.095 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 96.180% | | | |
| 50) Toluene-d8 | 10.109 | 98 | 544244 | 48.678 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 97.360% | | | |
| 62) 4-Bromofluorobenzene | 12.407 | 95 | 178232 | 50.294 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 100.580% | | | |

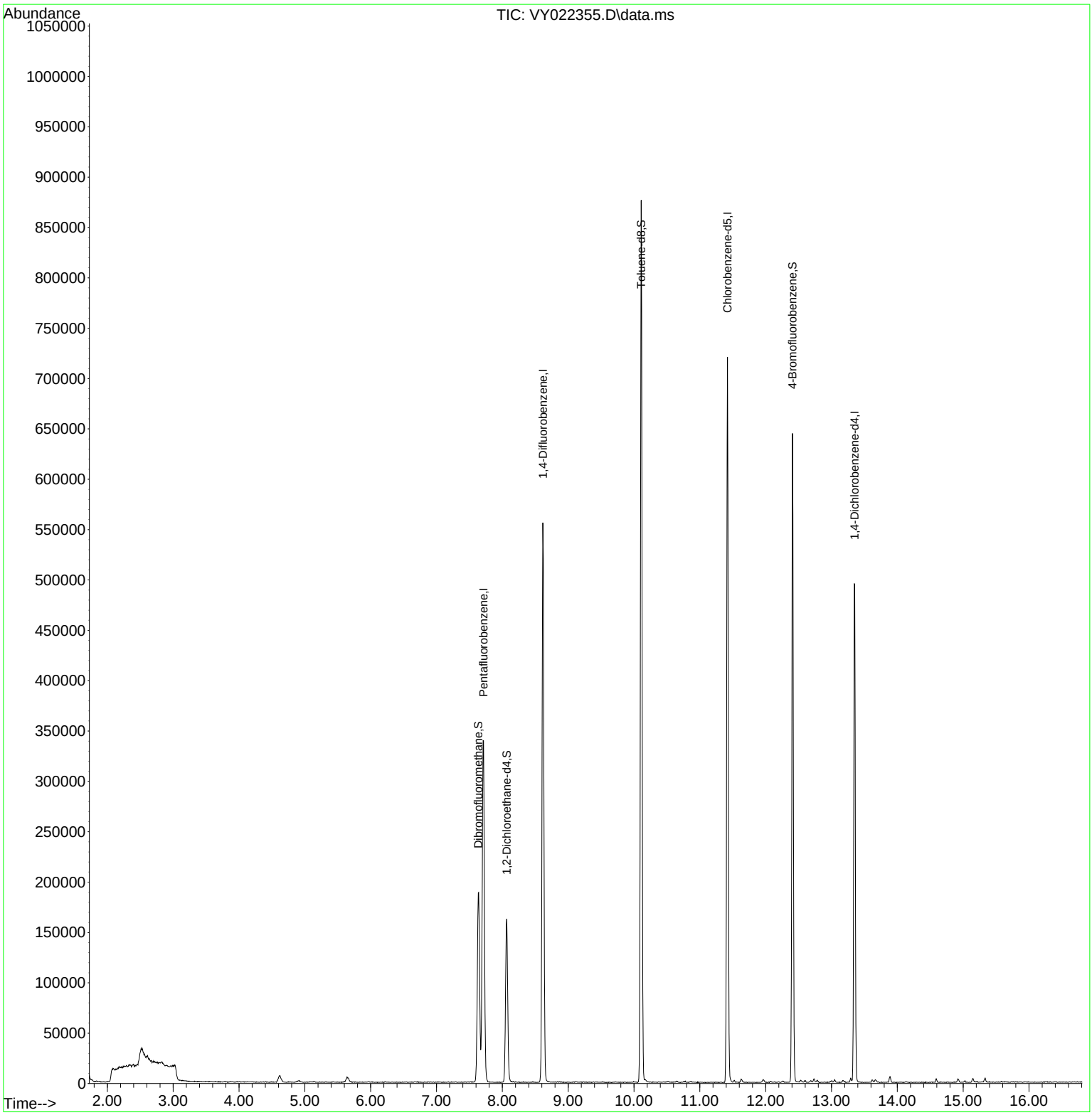
Target Compounds Qvalue

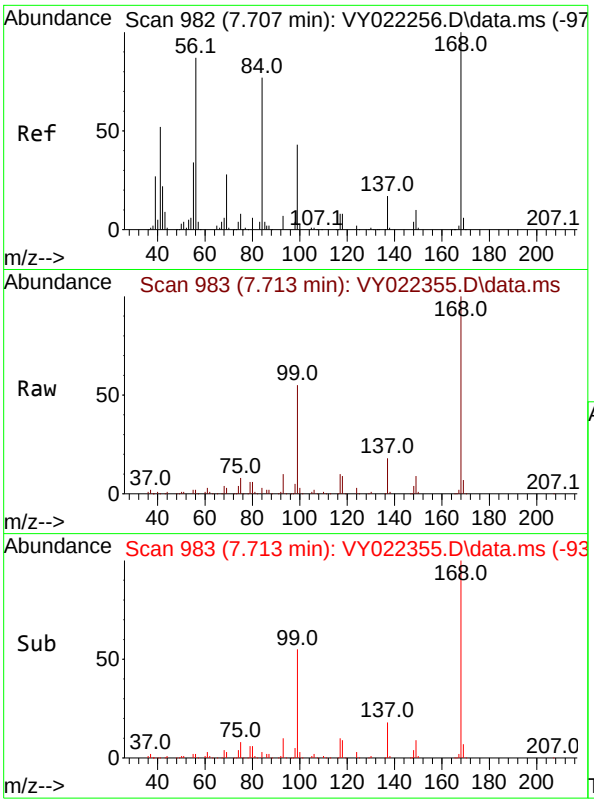
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022355.D
Acq On : 21 May 2025 10:05
Operator : SY/MD
Sample : VY0521SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBL01

Quant Time: May 22 00:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration



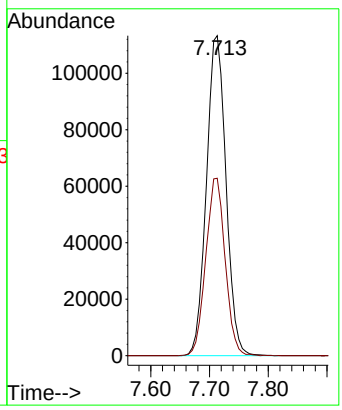


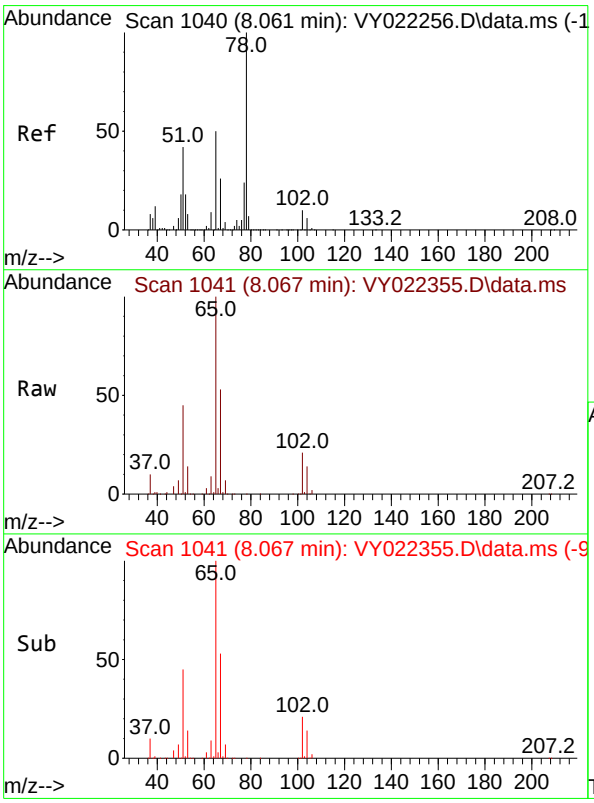

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBL01

Tgt Ion:168 Resp: 261806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.5 | 44.2 | 66.4 |

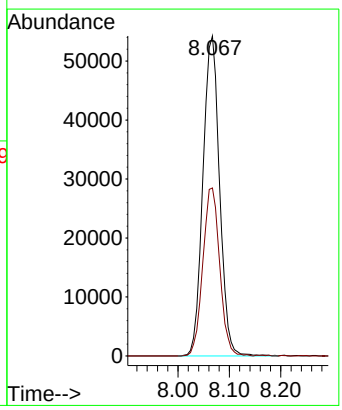


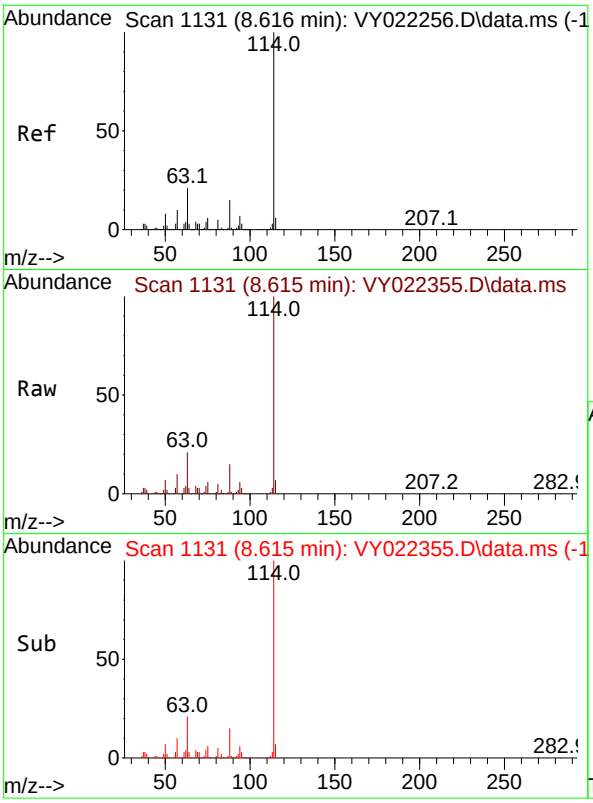




#33
1,2-Dichloroethane-d4
Concen: 42.638 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

Tgt Ion: 65 Resp: 121999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.3 | 0.0 | 104.6 |



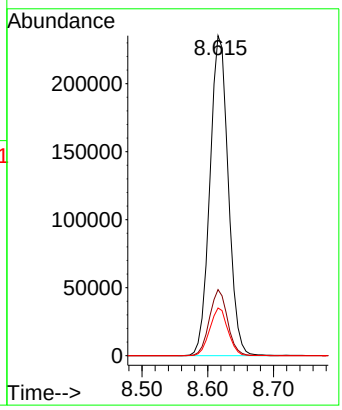


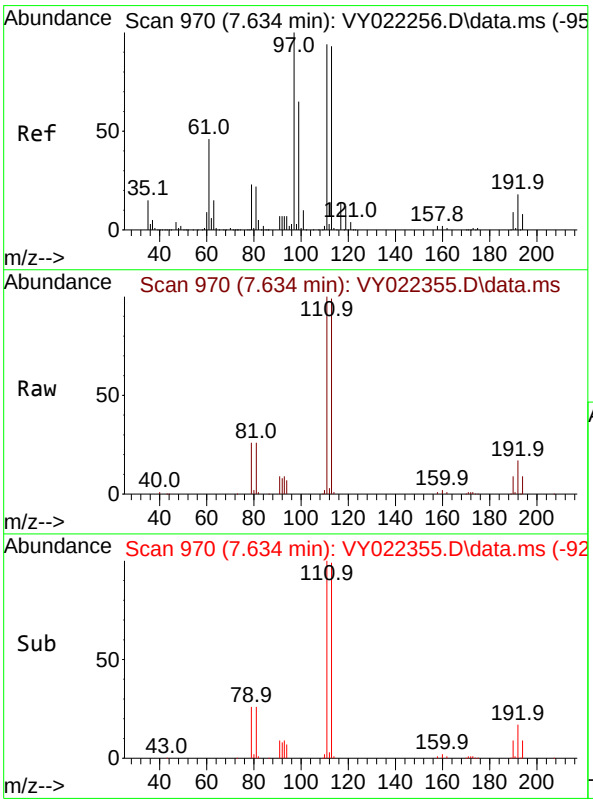

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBL01

Tgt Ion:114 Resp: 457379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.7 | 0.0 | 41.0 |
| 88 | 14.9 | 0.0 | 29.4 |

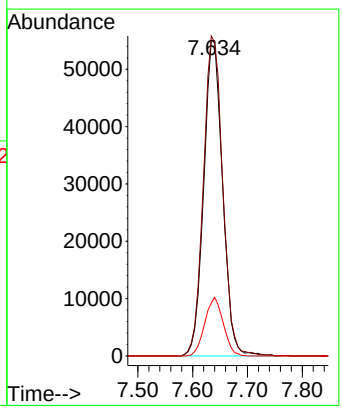


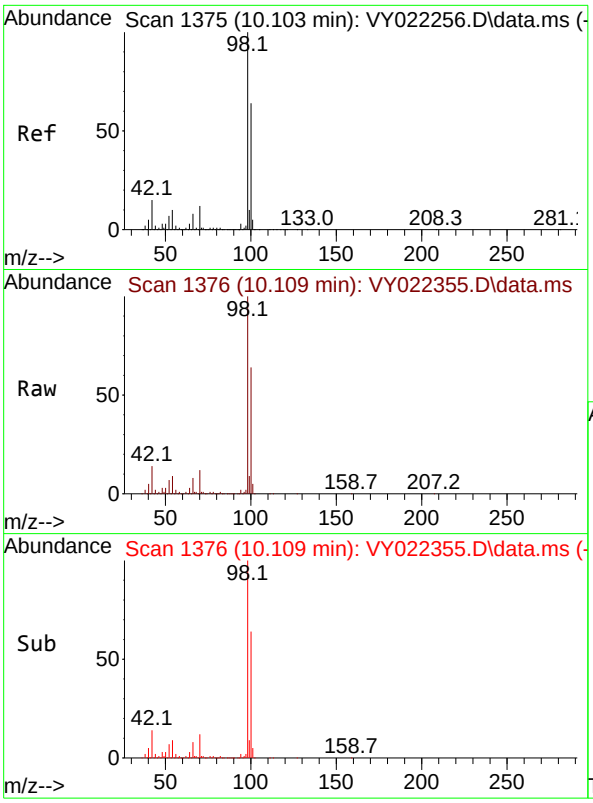




#35
Dibromofluoromethane
Concen: 48.095 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

Tgt Ion:113 Resp: 131294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.1 | 82.6 | 123.8 |
| 192 | 18.2 | 15.2 | 22.8 |



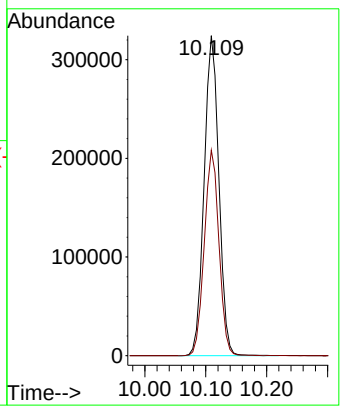


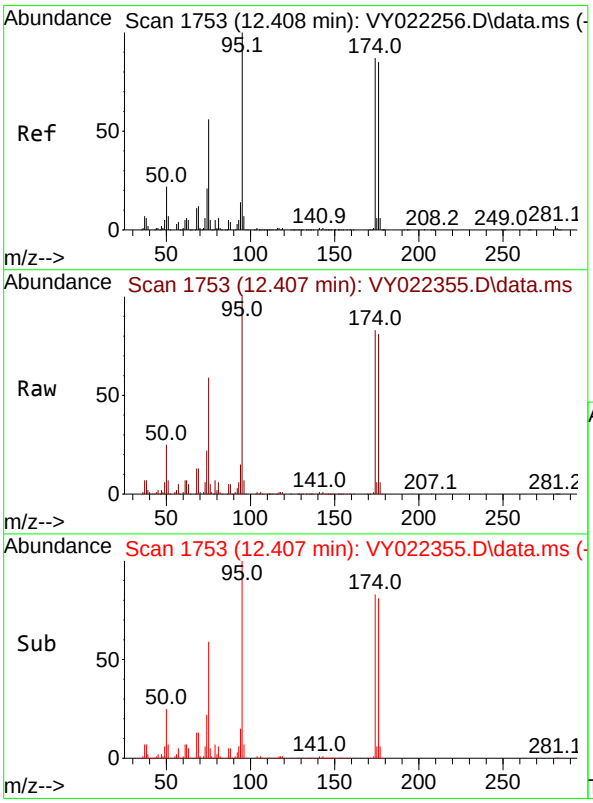

#50
Toluene-d8
Concen: 48.678 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBL01

Tgt Ion: 98 Resp: 544244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.0 | 51.8 | 77.8 |

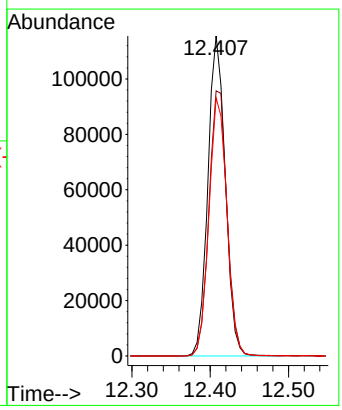


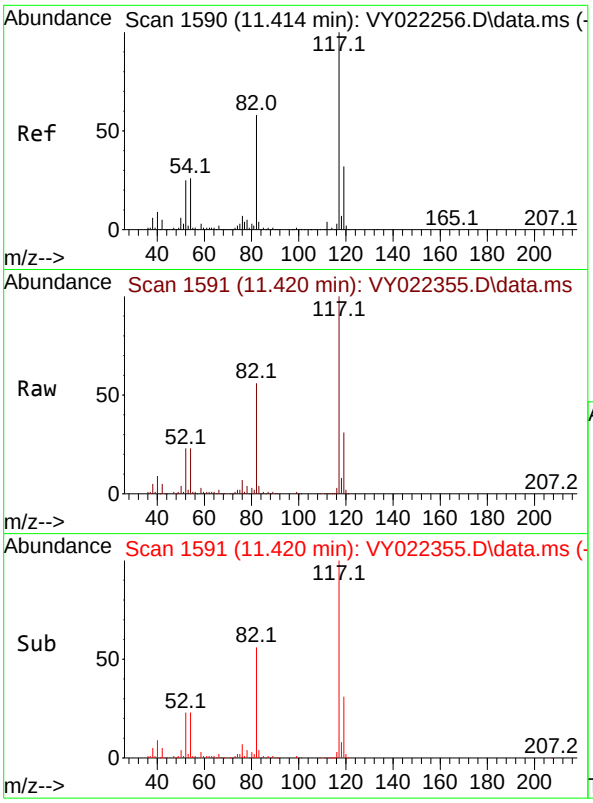




#62
4-Bromofluorobenzene
Concen: 50.294 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

Tgt Ion: 95 Resp: 178232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 86.3 | 0.0 | 166.8 |
| 176 | 83.0 | 0.0 | 160.8 |



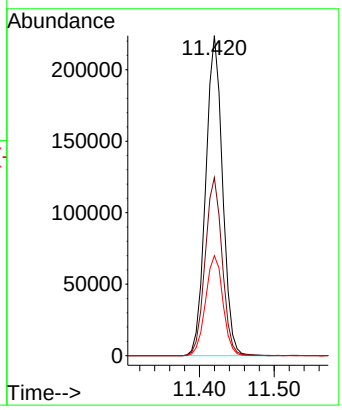


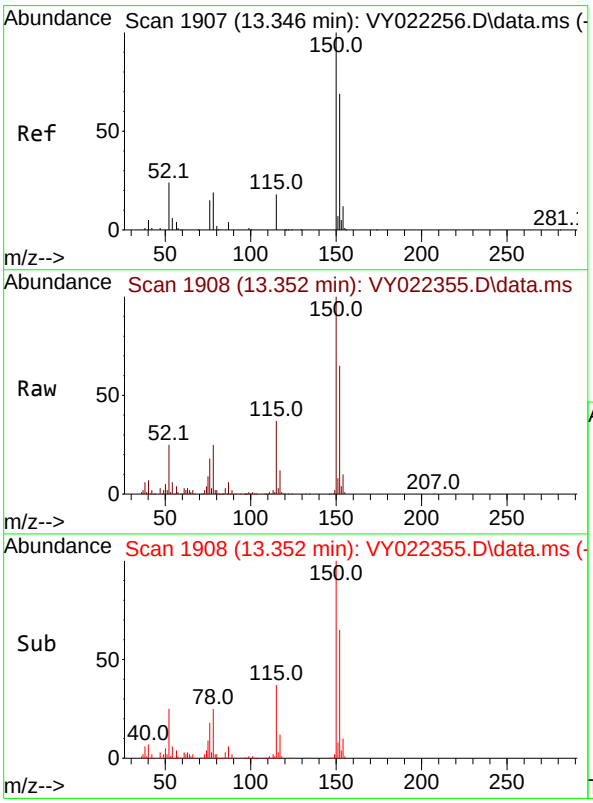

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBL01

Tgt Ion:117 Resp: 349876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.7 | 46.6 | 70.0 |
| 119 | 31.3 | 25.8 | 38.6 |

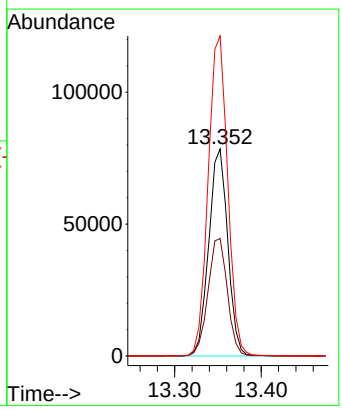



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

Tgt Ion:152 Resp: 119412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.2 | 29.4 | 88.2 |
| 150 | 158.9 | 0.0 | 353.8 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022355.D
Acq On : 21 May 2025 10:05
Operator : SY/MD
Sample : VY0521SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Title : SW846 8260

Signal : TIC: VY022355.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.086 | 46 | 60 | 65 | rBV5 | 13394 | 50513 | 3.43% | 0.700% |
| 2 | 2.513 | 124 | 130 | 132 | rBV6 | 12792 | 25580 | 1.74% | 0.355% |
| 3 | 4.616 | 467 | 475 | 487 | rBV4 | 6724 | 20837 | 1.41% | 0.289% |
| 4 | 7.640 | 958 | 971 | 976 | rBV | 188406 | 451846 | 30.66% | 6.265% |
| 5 | 7.707 | 976 | 982 | 994 | rVB | 339085 | 787937 | 53.46% | 10.925% |
| 6 | 8.067 | 1031 | 1041 | 1053 | rBV | 162148 | 365317 | 24.79% | 5.065% |
| 7 | 8.615 | 1120 | 1131 | 1144 | rBV | 555808 | 1082915 | 73.48% | 15.015% |
| 8 | 10.109 | 1369 | 1376 | 1384 | rBV | 875576 | 1473847 | 100.00% | 20.435% |
| 9 | 11.420 | 1583 | 1591 | 1604 | rBV | 720571 | 1154348 | 78.32% | 16.005% |
| 10 | 12.407 | 1745 | 1753 | 1763 | rBV | 644353 | 1005474 | 68.22% | 13.941% |
| 11 | 13.346 | 1901 | 1907 | 1919 | rVB | 495055 | 793633 | 53.85% | 11.004% |

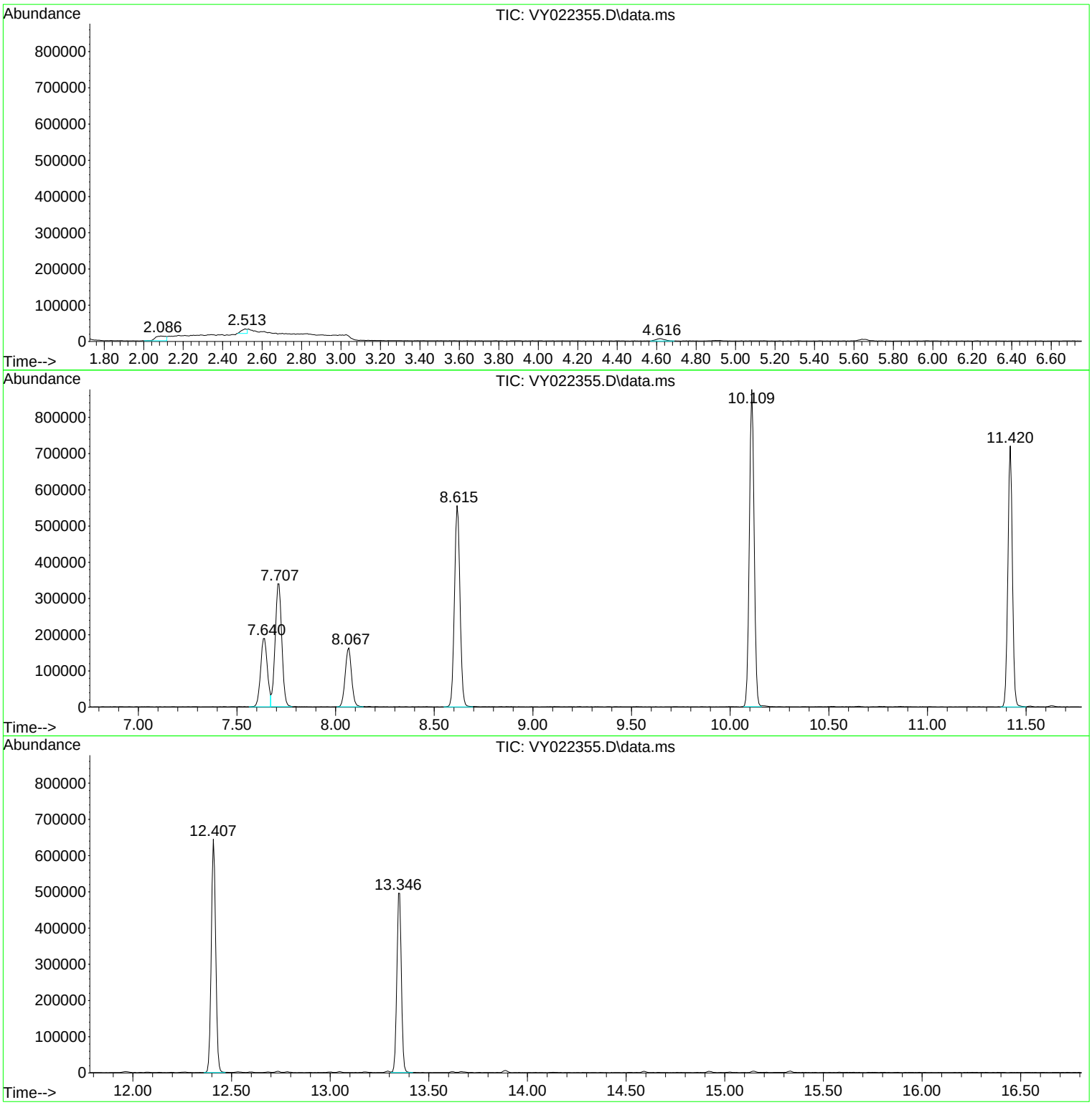
Sum of corrected areas: 7212247

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022355.D
Acq On : 21 May 2025 10:05
Operator : SY/MD
Sample : VY0521SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022355.D
Acq On : 21 May 2025 10:05
Operator : SY/MD
Sample : VY0521SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022355.D
Acq On : 21 May 2025 10:05
Operator : SY/MD
Sample : VY0521SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022305.D
Acq On : 19 May 2025 09:36
Operator : SY/MD
Sample : VY0519SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 20 01:08:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.707 | 168 | 200360 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.616 | 114 | 338060 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.420 | 117 | 283142 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152 | 133674 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.061 | 65 | 112366 | 51.315 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 102.620% | | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 103010 | 51.052 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 102.100% | | | |
| 50) Toluene-d8 | 10.109 | 98 | 422064 | 51.074 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 102.140% | | | |
| 62) 4-Bromofluorobenzene | 12.408 | 95 | 126905 | 48.449 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 96.900% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.867 | 85 | 44358 | 21.217 | ug/l | 96 |
| 3) Chloromethane | 2.068 | 50 | 116897 | 26.580 | ug/l | 97 |
| 4) Vinyl Chloride | 2.202 | 62 | 131565 | 26.776 | ug/l | 96 |
| 5) Bromomethane | 2.592 | 94 | 128052 | 32.014 | ug/l | 95 |
| 6) Chloroethane | 2.733 | 64 | 88707 | 29.020 | ug/l | 99 |
| 7) Trichlorofluoromethane | 3.050 | 101 | 124809 | 25.089 | ug/l | 99 |
| 8) Diethyl Ether | 3.458 | 74 | 24485 | 20.509 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 3.818 | 101 | 45930 | 21.267 | ug/l | 99 |
| 10) Methyl Iodide | 4.007 | 142 | 47593 | 19.040 | ug/l | 98 |
| 11) Tert butyl alcohol | 4.885 | 59 | 16264 | 97.263 | ug/l # | 100 |
| 12) 1,1-Dichloroethene | 3.793 | 96 | 44662 | 20.839 | ug/l | 95 |
| 13) Acrolein | 3.659 | 56 | 19980 | 81.733 | ug/l | 99 |
| 14) Allyl chloride | 4.379 | 41 | 72879 | 19.394 | ug/l | 97 |
| 15) Acrylonitrile | 5.061 | 53 | 49498 | 100.621 | ug/l | 99 |
| 16) Acetone | 3.879 | 43 | 36473 | 88.830 | ug/l | 96 |
| 17) Carbon Disulfide | 4.104 | 76 | 145351 | 20.798 | ug/l | 100 |
| 18) Methyl Acetate | 4.397 | 43 | 25765 | 19.902 | ug/l | 94 |
| 19) Methyl tert-butyl Ether | 5.122 | 73 | 121169 | 20.504 | ug/l | 98 |
| 20) Methylene Chloride | 4.616 | 84 | 49524 | 18.666 | ug/l | 97 |
| 21) trans-1,2-Dichloroethene | 5.110 | 96 | 48269 | 20.405 | ug/l | 96 |
| 22) Diisopropyl ether | 6.025 | 45 | 155980 | 19.655 | ug/l | 98 |
| 23) Vinyl Acetate | 5.964 | 43 | 462181 | 96.402 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 5.915 | 63 | 89842 | 20.264 | ug/l | 98 |
| 25) 2-Butanone | 6.903 | 43 | 62462 | 90.946 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 6.884 | 77 | 80218 | 20.342 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 6.890 | 96 | 56075 | 20.541 | ug/l | 98 |
| 28) Bromochloromethane | 7.250 | 49 | 37383 | 19.768 | ug/l | 98 |
| 29) Tetrahydrofuran | 7.268 | 42 | 43669 | 98.831 | ug/l | 94 |
| 30) Chloroform | 7.427 | 83 | 89033 | 20.936 | ug/l | 98 |
| 31) Cyclohexane | 7.707 | 56 | 90210 | 20.365 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 7.616 | 97 | 82841 | 21.233 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 7.835 | 75 | 67180 | 20.214 | ug/l | 98 |
| 37) Ethyl Acetate | 6.988 | 43 | 31330 | 19.593 | ug/l | 99 |
| 38) Carbon Tetrachloride | 7.817 | 117 | 71104 | 20.669 | ug/l | 96 |
| 39) Methylcyclohexane | 9.109 | 83 | 92475 | 20.711 | ug/l | 97 |
| 40) Benzene | 8.085 | 78 | 198734 | 20.171 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022305.D
Acq On : 19 May 2025 09:36
Operator : SY/MD
Sample : VY0519SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 20 01:08:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Methacrylonitrile | 7.226 | 41 | 16423 | 15.483 ug/l # | 81 |
| 42) 1,2-Dichloroethane | 8.158 | 62 | 54124 | 20.314 ug/l | 100 |
| 43) Isopropyl Acetate | 8.201 | 43 | 67210 | 19.272 ug/l | 99 |
| 44) Trichloroethene | 8.866 | 130 | 49995 | 20.408 ug/l | 95 |
| 45) 1,2-Dichloropropane | 9.146 | 63 | 47105 | 19.831 ug/l | 100 |
| 46) Dibromomethane | 9.231 | 93 | 26057 | 20.339 ug/l | 98 |
| 47) Bromodichloromethane | 9.427 | 83 | 67475 | 20.302 ug/l | 98 |
| 48) Methyl methacrylate | 9.225 | 41 | 31170 | 19.112 ug/l | 96 |
| 49) 1,4-Dioxane | 9.238 | 88 | 5453 | 376.764 ug/l | 86 |
| 51) 4-Methyl-2-Pentanone | 10.000 | 43 | 163969 | 95.823 ug/l | 99 |
| 52) Toluene | 10.170 | 92 | 124296 | 19.923 ug/l | 100 |
| 53) t-1,3-Dichloropropene | 10.396 | 75 | 62956 | 19.409 ug/l | 96 |
| 54) cis-1,3-Dichloropropene | 9.859 | 75 | 74524 | 20.054 ug/l | 97 |
| 55) 1,1,2-Trichloroethane | 10.573 | 97 | 33564 | 20.459 ug/l | 98 |
| 56) Ethyl methacrylate | 10.439 | 69 | 49183 | 19.246 ug/l | 97 |
| 57) 1,3-Dichloropropane | 10.719 | 76 | 58922 | 20.214 ug/l | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.713 | 63 | 100509 | 87.625 ug/l | 98 |
| 59) 2-Hexanone | 10.762 | 43 | 106193 | 92.558 ug/l | 97 |
| 60) Dibromochloromethane | 10.914 | 129 | 43173 | 20.275 ug/l | 99 |
| 61) 1,2-Dibromoethane | 11.018 | 107 | 31396 | 20.533 ug/l | 99 |
| 64) Tetrachloroethene | 10.652 | 164 | 53401 | 20.405 ug/l | 98 |
| 65) Chlorobenzene | 11.444 | 112 | 129758 | 20.313 ug/l | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131 | 43074 | 19.614 ug/l | 98 |
| 67) Ethyl Benzene | 11.524 | 91 | 237230 | 19.830 ug/l | 99 |
| 68) m/p-Xylenes | 11.633 | 106 | 180140 | 39.960 ug/l | 96 |
| 69) o-Xylene | 11.957 | 106 | 83514 | 19.581 ug/l | 99 |
| 70) Styrene | 11.969 | 104 | 140922 | 19.587 ug/l | 98 |
| 71) Bromoform | 12.133 | 173 | 23328 | 19.680 ug/l # | 98 |
| 73) Isopropylbenzene | 12.255 | 105 | 220761 | 19.935 ug/l | 100 |
| 74) N-amyl acetate | 12.072 | 43 | 58768 | 18.555 ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83 | 34721 | 20.387 ug/l | 98 |
| 76) 1,2,3-Trichloropropane | 12.560 | 75 | 23415m | 17.290 ug/l | |
| 77) Bromobenzene | 12.536 | 156 | 46286 | 19.569 ug/l | 99 |
| 78) n-propylbenzene | 12.597 | 91 | 268280 | 20.084 ug/l | 100 |
| 79) 2-Chlorotoluene | 12.682 | 91 | 143678 | 19.573 ug/l | 97 |
| 80) 1,3,5-Trimethylbenzene | 12.737 | 105 | 174835 | 19.557 ug/l | 99 |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75 | 13091 | 19.582 ug/l | 97 |
| 82) 4-Chlorotoluene | 12.780 | 91 | 144394 | 19.124 ug/l | 99 |
| 83) tert-Butylbenzene | 12.999 | 119 | 157481 | 19.820 ug/l | 100 |
| 84) 1,2,4-Trimethylbenzene | 13.042 | 105 | 174561 | 19.671 ug/l | 100 |
| 85) sec-Butylbenzene | 13.176 | 105 | 235349 | 19.954 ug/l | 99 |
| 86) p-Isopropyltoluene | 13.292 | 119 | 191316 | 19.286 ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 13.292 | 146 | 92027 | 19.059 ug/l | 100 |
| 88) 1,4-Dichlorobenzene | 13.371 | 146 | 91240 | 19.645 ug/l | 99 |
| 89) n-Butylbenzene | 13.621 | 91 | 186063 | 19.826 ug/l | 99 |
| 90) Hexachloroethane | 13.883 | 117 | 39735 | 19.843 ug/l | 98 |
| 91) 1,2-Dichlorobenzene | 13.664 | 146 | 79761 | 19.666 ug/l | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.279 | 75 | 5501 | 20.030 ug/l | 96 |
| 93) 1,2,4-Trichlorobenzene | 14.919 | 180 | 44423 | 18.962 ug/l | 99 |
| 94) Hexachlorobutadiene | 15.023 | 225 | 25456 | 19.484 ug/l | 98 |
| 95) Naphthalene | 15.145 | 128 | 85379 | 19.205 ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.328 | 180 | 38129 | 19.185 ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022305.D
Acq On : 19 May 2025 09:36
Operator : SY/MD
Sample : VY0519SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 20 01:08:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

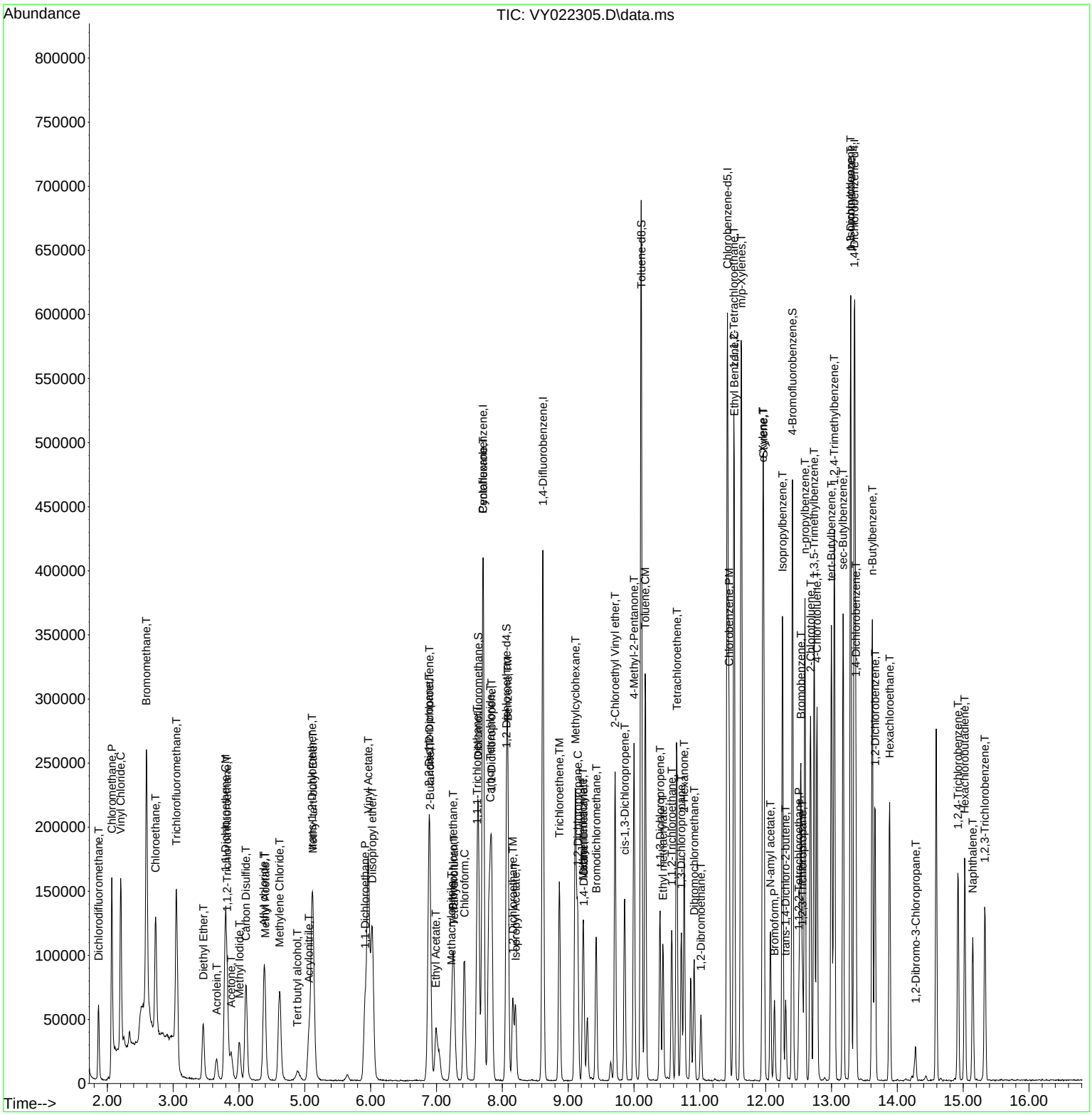
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022305.D
Acq On : 19 May 2025 09:36
Operator : SY/MD
Sample : VY0519SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 20 01:08:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022331.D
Acq On : 20 May 2025 10:21
Operator : SY/MD
Sample : VY0520SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 01:43:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 7.707 | 168 | 162404 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.616 | 114 | 280923 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.420 | 117 | 236555 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152 | 111469 | 50.000 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.061 | 65 | 93712 | 52.798 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 105.600% | | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 87259 | 52.042 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 104.080% | | | |
| 50) Toluene-d8 | 10.103 | 98 | 353867 | 51.531 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 103.060% | | | |
| 62) 4-Bromofluorobenzene | 12.408 | 95 | 103841 | 47.707 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 95.420% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.867 | 85 | 35898 | 21.184 | ug/l | 98 |
| 3) Chloromethane | 2.068 | 50 | 106010 | 29.739 | ug/l | 96 |
| 4) Vinyl Chloride | 2.202 | 62 | 121528 | 30.514 | ug/l | 99 |
| 5) Bromomethane | 2.592 | 94 | 123030 | 37.947 | ug/l | 93 |
| 6) Chloroethane | 2.733 | 64 | 86905 | 35.075 | ug/l | 97 |
| 7) Trichlorofluoromethane | 3.044 | 101 | 115381 | 28.614 | ug/l | 96 |
| 8) Diethyl Ether | 3.452 | 74 | 21262 | 21.972 | ug/l | 97 |
| 9) 1,1,2-Trichlorotrifluo... | 3.806 | 101 | 39180 | 22.382 | ug/l | 98 |
| 10) Methyl Iodide | 4.001 | 142 | 39806 | 19.647 | ug/l | 97 |
| 11) Tert butyl alcohol | 4.885 | 59 | 15076 | 111.229 | ug/l # | 100 |
| 12) 1,1-Dichloroethene | 3.787 | 96 | 38409 | 22.110 | ug/l | 99 |
| 13) Acrolein | 3.653 | 56 | 14505 | 73.203 | ug/l | 92 |
| 14) Allyl chloride | 4.379 | 41 | 58664 | 19.259 | ug/l | 91 |
| 15) Acrylonitrile | 5.055 | 53 | 44040 | 110.449 | ug/l | 99 |
| 16) Acetone | 3.873 | 43 | 33441 | 100.481 | ug/l | 96 |
| 17) Carbon Disulfide | 4.104 | 76 | 121089 | 21.376 | ug/l | 100 |
| 18) Methyl Acetate | 4.391 | 43 | 22221 | 21.176 | ug/l | 94 |
| 19) Methyl tert-butyl Ether | 5.116 | 73 | 105578 | 22.042 | ug/l | 100 |
| 20) Methylene Chloride | 4.616 | 84 | 43159 | 20.069 | ug/l | 92 |
| 21) trans-1,2-Dichloroethene | 5.110 | 96 | 41335 | 21.557 | ug/l | 94 |
| 22) Diisopropyl ether | 6.013 | 45 | 129506 | 20.133 | ug/l | 94 |
| 23) Vinyl Acetate | 5.958 | 43 | 393589 | 101.282 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 5.909 | 63 | 76757 | 21.359 | ug/l | 99 |
| 25) 2-Butanone | 6.897 | 43 | 57164 | 102.685 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 6.884 | 77 | 65941 | 20.630 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 6.890 | 96 | 47974 | 21.681 | ug/l | 98 |
| 28) Bromochloromethane | 7.244 | 49 | 32721 | 21.346 | ug/l | 98 |
| 29) Tetrahydrofuran | 7.262 | 42 | 38507 | 107.516 | ug/l | 95 |
| 30) Chloroform | 7.421 | 83 | 76921 | 22.315 | ug/l | 97 |
| 31) Cyclohexane | 7.701 | 56 | 74031 | 20.618 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 7.616 | 97 | 67990 | 21.499 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 7.835 | 75 | 54092 | 19.586 | ug/l | 96 |
| 37) Ethyl Acetate | 6.982 | 43 | 27235 | 20.496 | ug/l | 97 |
| 38) Carbon Tetrachloride | 7.817 | 117 | 59086 | 20.669 | ug/l | 100 |
| 39) Methylcyclohexane | 9.110 | 83 | 75810 | 20.432 | ug/l | 95 |
| 40) Benzene | 8.079 | 78 | 170661 | 20.845 | ug/l | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022331.D
Acq On : 20 May 2025 10:21
Operator : SY/MD
Sample : VY0520SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 01:43:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 7.220 | 41 | 15384 | 17.453 | ug/l | # | 84 |
| 42) 1,2-Dichloroethane | 8.158 | 62 | 47209 | 21.323 | ug/l | | 99 |
| 43) Isopropyl Acetate | 8.195 | 43 | 58799 | 20.290 | ug/l | | 97 |
| 44) Trichloroethene | 8.866 | 130 | 41880 | 20.573 | ug/l | | 96 |
| 45) 1,2-Dichloropropane | 9.140 | 63 | 40216 | 20.374 | ug/l | | 96 |
| 46) Dibromomethane | 9.231 | 93 | 22879 | 21.490 | ug/l | | 98 |
| 47) Bromodichloromethane | 9.420 | 83 | 57637 | 20.869 | ug/l | | 99 |
| 48) Methyl methacrylate | 9.219 | 41 | 26138 | 19.286 | ug/l | | 92 |
| 49) 1,4-Dioxane | 9.238 | 88 | 5078 | 422.215 | ug/l | # | 88 |
| 51) 4-Methyl-2-Pentanone | 10.000 | 43 | 142570 | 100.263 | ug/l | | 97 |
| 52) Toluene | 10.170 | 92 | 103885 | 20.038 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 10.396 | 75 | 54150 | 20.090 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 9.853 | 75 | 62298 | 20.174 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 10.573 | 97 | 28800 | 21.126 | ug/l | | 97 |
| 56) Ethyl methacrylate | 10.439 | 69 | 43432 | 20.452 | ug/l | | 96 |
| 57) 1,3-Dichloropropane | 10.719 | 76 | 51011 | 21.060 | ug/l | | 97 |
| 58) 2-Chloroethyl Vinyl ether | 9.713 | 63 | 83740 | 87.855 | ug/l | | 99 |
| 59) 2-Hexanone | 10.762 | 43 | 93178 | 97.733 | ug/l | | 96 |
| 60) Dibromochloromethane | 10.908 | 129 | 36043 | 20.369 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 11.012 | 107 | 27035 | 21.277 | ug/l | | 99 |
| 64) Tetrachloroethene | 10.646 | 164 | 47128 | 21.554 | ug/l | | 98 |
| 65) Chlorobenzene | 11.438 | 112 | 109284 | 20.477 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131 | 36824 | 20.070 | ug/l | | 99 |
| 67) Ethyl Benzene | 11.518 | 91 | 198160 | 19.826 | ug/l | | 98 |
| 68) m/p-Xylenes | 11.627 | 106 | 149258 | 39.630 | ug/l | | 98 |
| 69) o-Xylene | 11.957 | 106 | 71971 | 20.198 | ug/l | | 97 |
| 70) Styrene | 11.969 | 104 | 118483 | 19.712 | ug/l | | 99 |
| 71) Bromoform | 12.133 | 173 | 20531 | 20.732 | ug/l | # | 98 |
| 73) Isopropylbenzene | 12.255 | 105 | 185361 | 20.072 | ug/l | | 99 |
| 74) N-amyl acetate | 12.072 | 43 | 50457 | 19.104 | ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83 | 29407 | 20.706 | ug/l | | 97 |
| 76) 1,2,3-Trichloropropane | 12.554 | 75 | 24209m | 21.437 | ug/l | | |
| 77) Bromobenzene | 12.530 | 156 | 39771 | 20.164 | ug/l | | 99 |
| 78) n-propylbenzene | 12.597 | 91 | 226302 | 20.317 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.682 | 91 | 120639 | 19.708 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 12.737 | 105 | 145541 | 19.524 | ug/l | | 97 |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75 | 10455 | 18.754 | ug/l | | 98 |
| 82) 4-Chlorotoluene | 12.780 | 91 | 123547 | 19.623 | ug/l | | 98 |
| 83) tert-Butylbenzene | 12.999 | 119 | 131465 | 19.842 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.042 | 105 | 142982 | 19.322 | ug/l | | 97 |
| 85) sec-Butylbenzene | 13.176 | 105 | 196521 | 19.981 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.292 | 119 | 160020 | 19.345 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.286 | 146 | 77805 | 19.324 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.365 | 146 | 77620 | 20.041 | ug/l | | 97 |
| 89) n-Butylbenzene | 13.615 | 91 | 154259 | 19.712 | ug/l | | 99 |
| 90) Hexachloroethane | 13.877 | 117 | 32205 | 19.287 | ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 13.658 | 146 | 67307 | 19.901 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75 | 5031 | 21.968 | ug/l | | 95 |
| 93) 1,2,4-Trichlorobenzene | 14.919 | 180 | 37416 | 19.152 | ug/l | | 98 |
| 94) Hexachlorobutadiene | 15.023 | 225 | 20316 | 18.648 | ug/l | | 99 |
| 95) Naphthalene | 15.145 | 128 | 72453 | 19.543 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.328 | 180 | 31537 | 19.029 | ug/l | | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022331.D
Acq On : 20 May 2025 10:21
Operator : SY/MD
Sample : VY0520SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 01:43:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

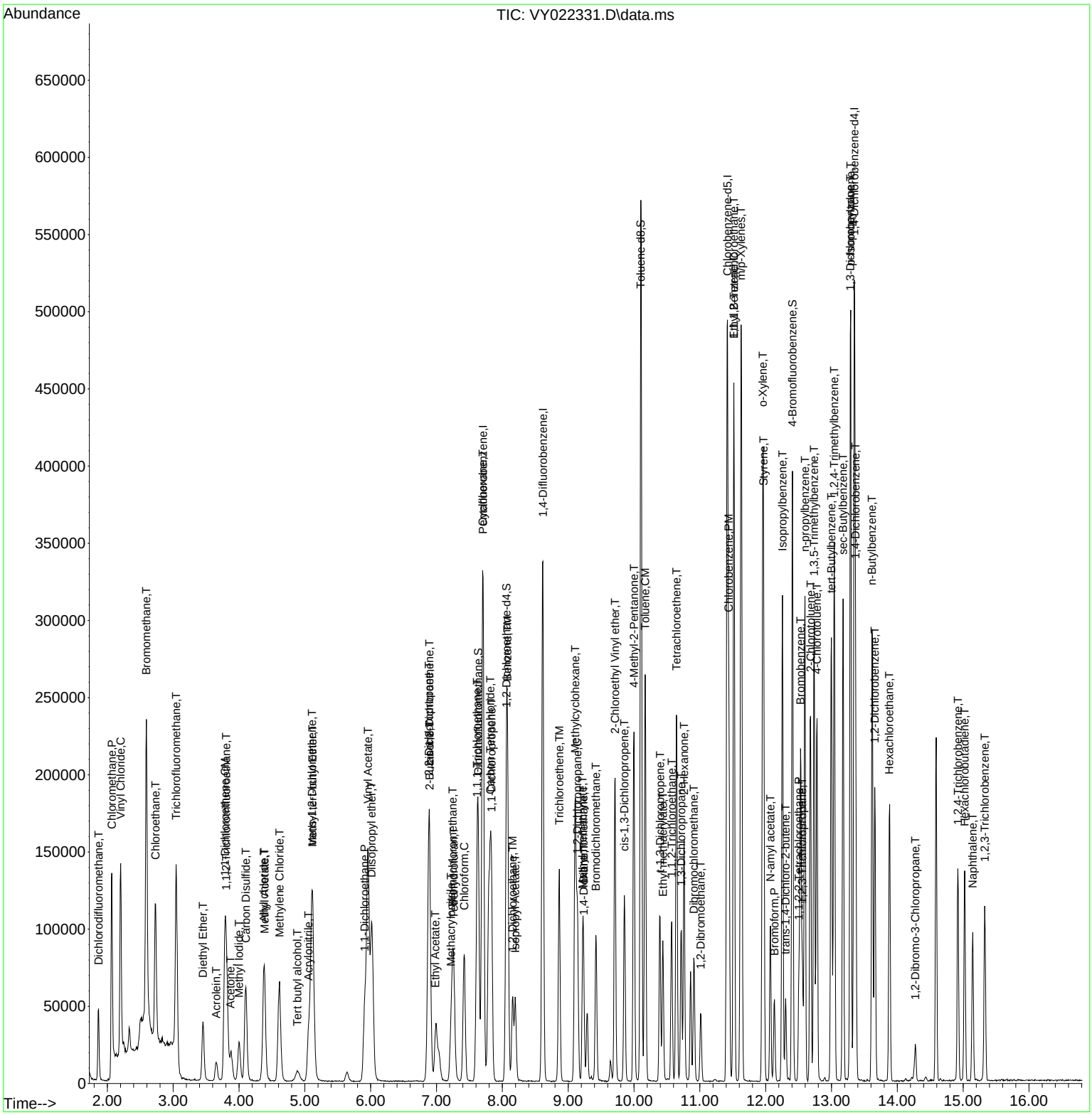
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022331.D
Acq On : 20 May 2025 10:21
Operator : SY/MD
Sample : VY0520SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 01:43:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0520SBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022356.D
Acq On : 21 May 2025 10:35
Operator : SY/MD
Sample : VY0521SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 22 00:05:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 7.713 | 168 | 164670 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.622 | 114 | 280143 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.420 | 117 | 238357 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.352 | 152 | 110395 | 50.000 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.067 | 65 | 86818 | 48.241 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 96.480% | | | |
| 35) Dibromofluoromethane | 7.640 | 113 | 80971 | 48.426 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 96.860% | | | |
| 50) Toluene-d8 | 10.115 | 98 | 328068 | 47.907 | ug/l | 0.01 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 95.820% | | | |
| 62) 4-Bromofluorobenzene | 12.408 | 95 | 98452 | 45.357 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 90.720% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.867 | 85 | 34138 | 19.868 | ug/l | 98 |
| 3) Chloromethane | 2.068 | 50 | 97076 | 26.858 | ug/l | 100 |
| 4) Vinyl Chloride | 2.208 | 62 | 110643 | 27.399 | ug/l | 100 |
| 5) Bromomethane | 2.598 | 94 | 122163 | 37.162 | ug/l | 99 |
| 6) Chloroethane | 2.732 | 64 | 82714 | 32.924 | ug/l | 99 |
| 7) Trichlorofluoromethane | 3.049 | 101 | 101107 | 24.729 | ug/l | 98 |
| 8) Diethyl Ether | 3.464 | 74 | 20408 | 20.799 | ug/l | 93 |
| 9) 1,1,2-Trichlorotrifluo... | 3.818 | 101 | 37897 | 21.351 | ug/l | 97 |
| 10) Methyl Iodide | 4.007 | 142 | 39030 | 18.999 | ug/l | 99 |
| 11) Tert butyl alcohol | 4.897 | 59 | 14356 | 104.460 | ug/l # | 100 |
| 12) 1,1-Dichloroethene | 3.799 | 96 | 37155 | 21.094 | ug/l | 89 |
| 13) Acrolein | 3.659 | 56 | 12494 | 62.187 | ug/l | 95 |
| 14) Allyl chloride | 4.391 | 41 | 57737 | 18.694 | ug/l | 96 |
| 15) Acrylonitrile | 5.067 | 53 | 43574 | 107.777 | ug/l | 97 |
| 16) Acetone | 3.885 | 43 | 31735 | 94.042 | ug/l | 97 |
| 17) Carbon Disulfide | 4.110 | 76 | 116347 | 20.256 | ug/l | 99 |
| 18) Methyl Acetate | 4.391 | 43 | 20399 | 19.173 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 5.122 | 73 | 103046 | 21.217 | ug/l | 92 |
| 20) Methylene Chloride | 4.622 | 84 | 42530 | 19.505 | ug/l | 93 |
| 21) trans-1,2-Dichloroethene | 5.116 | 96 | 39956 | 20.551 | ug/l | 93 |
| 22) Diisopropyl ether | 6.025 | 45 | 125549 | 19.249 | ug/l | 96 |
| 23) Vinyl Acetate | 5.970 | 43 | 382139 | 96.982 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 5.921 | 63 | 74003 | 20.309 | ug/l | 97 |
| 25) 2-Butanone | 6.909 | 43 | 54351 | 96.288 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 6.890 | 77 | 63731 | 19.664 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 6.902 | 96 | 47008 | 20.952 | ug/l | 97 |
| 28) Bromochloromethane | 7.256 | 49 | 31153 | 20.044 | ug/l | 98 |
| 29) Tetrahydrofuran | 7.274 | 42 | 36661 | 100.953 | ug/l | 94 |
| 30) Chloroform | 7.427 | 83 | 72715 | 20.805 | ug/l | 97 |
| 31) Cyclohexane | 7.707 | 56 | 70259 | 19.298 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 7.622 | 97 | 64315 | 20.057 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 7.841 | 75 | 54176 | 19.671 | ug/l | 98 |
| 37) Ethyl Acetate | 6.994 | 43 | 25337 | 19.120 | ug/l | 97 |
| 38) Carbon Tetrachloride | 7.823 | 117 | 56336 | 19.762 | ug/l | 100 |
| 39) Methylcyclohexane | 9.115 | 83 | 71670 | 19.370 | ug/l | 98 |
| 40) Benzene | 8.085 | 78 | 164958 | 20.204 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022356.D
Acq On : 21 May 2025 10:35
Operator : SY/MD
Sample : VY0521SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 22 00:05:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 7.232 | 41 | 17779m | 20.226 | ug/l | | |
| 42) 1,2-Dichloroethane | 8.164 | 62 | 45120 | 20.436 | ug/l | | 100 |
| 43) Isopropyl Acetate | 8.207 | 43 | 56123 | 19.420 | ug/l | | 98 |
| 44) Trichloroethene | 8.872 | 130 | 40988 | 20.191 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 9.146 | 63 | 39052 | 19.840 | ug/l | | 97 |
| 46) Dibromomethane | 9.237 | 93 | 21913 | 20.640 | ug/l | | 98 |
| 47) Bromodichloromethane | 9.426 | 83 | 55778 | 20.252 | ug/l | | 97 |
| 48) Methyl methacrylate | 9.225 | 41 | 25313 | 18.730 | ug/l | | 95 |
| 49) 1,4-Dioxane | 9.250 | 88 | 4878 | 406.715 | ug/l | | 92 |
| 51) 4-Methyl-2-Pentanone | 10.006 | 43 | 136690 | 96.396 | ug/l | | 98 |
| 52) Toluene | 10.176 | 92 | 103033 | 19.929 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 10.402 | 75 | 52044 | 19.362 | ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 9.859 | 75 | 61214 | 19.878 | ug/l | | 96 |
| 55) 1,1,2-Trichloroethane | 10.579 | 97 | 28278 | 20.800 | ug/l | | 98 |
| 56) Ethyl methacrylate | 10.444 | 69 | 41124 | 19.419 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 10.725 | 76 | 49500 | 20.493 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.719 | 63 | 80930 | 85.143 | ug/l | | 99 |
| 59) 2-Hexanone | 10.768 | 43 | 91150 | 95.872 | ug/l | | 97 |
| 60) Dibromochloromethane | 10.914 | 129 | 36605 | 20.744 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 11.018 | 107 | 26112 | 20.608 | ug/l | | 99 |
| 64) Tetrachloroethene | 10.652 | 164 | 44880 | 20.371 | ug/l | | 98 |
| 65) Chlorobenzene | 11.450 | 112 | 108362 | 20.151 | ug/l | | 97 |
| 66) 1,1,1,2-Tetrachloroethane | 11.524 | 131 | 36004 | 19.475 | ug/l | | 98 |
| 67) Ethyl Benzene | 11.524 | 91 | 194067 | 19.270 | ug/l | | 98 |
| 68) m/p-Xylenes | 11.633 | 106 | 146681 | 38.652 | ug/l | | 98 |
| 69) o-Xylene | 11.956 | 106 | 69558 | 19.373 | ug/l | | 97 |
| 70) Styrene | 11.975 | 104 | 115812 | 19.122 | ug/l | | 98 |
| 71) Bromoform | 12.139 | 173 | 19242 | 19.283 | ug/l | # | 97 |
| 73) Isopropylbenzene | 12.261 | 105 | 181695 | 19.867 | ug/l | | 99 |
| 74) N-amyl acetate | 12.078 | 43 | 50097 | 19.152 | ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 12.511 | 83 | 29384 | 20.891 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.560 | 75 | 22634m | 20.238 | ug/l | | |
| 77) Bromobenzene | 12.536 | 156 | 39412 | 20.177 | ug/l | | 99 |
| 78) n-propylbenzene | 12.603 | 91 | 219624 | 19.909 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.682 | 91 | 118240 | 19.504 | ug/l | | 97 |
| 80) 1,3,5-Trimethylbenzene | 12.743 | 105 | 143263 | 19.405 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 12.310 | 75 | 10533 | 19.078 | ug/l | | 98 |
| 82) 4-Chlorotoluene | 12.779 | 91 | 118914 | 19.071 | ug/l | | 97 |
| 83) tert-Butylbenzene | 13.005 | 119 | 130367 | 19.867 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 13.048 | 105 | 142961 | 19.507 | ug/l | | 97 |
| 85) sec-Butylbenzene | 13.182 | 105 | 192742 | 19.787 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.298 | 119 | 157967 | 19.282 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.292 | 146 | 77746 | 19.497 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.371 | 146 | 76937 | 20.058 | ug/l | | 100 |
| 89) n-Butylbenzene | 13.621 | 91 | 152333 | 19.655 | ug/l | | 99 |
| 90) Hexachloroethane | 13.883 | 117 | 31863 | 19.268 | ug/l | | 97 |
| 91) 1,2-Dichlorobenzene | 13.663 | 146 | 67362 | 20.111 | ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.279 | 75 | 4571 | 20.154 | ug/l | | 97 |
| 93) 1,2,4-Trichlorobenzene | 14.925 | 180 | 38942 | 20.127 | ug/l | | 98 |
| 94) Hexachlorobutadiene | 15.029 | 225 | 20290 | 18.805 | ug/l | | 95 |
| 95) Naphthalene | 15.151 | 128 | 74806 | 20.374 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.334 | 180 | 32242 | 19.644 | ug/l | | 97 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022356.D
Acq On : 21 May 2025 10:35
Operator : SY/MD
Sample : VY0521SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 22 00:05:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

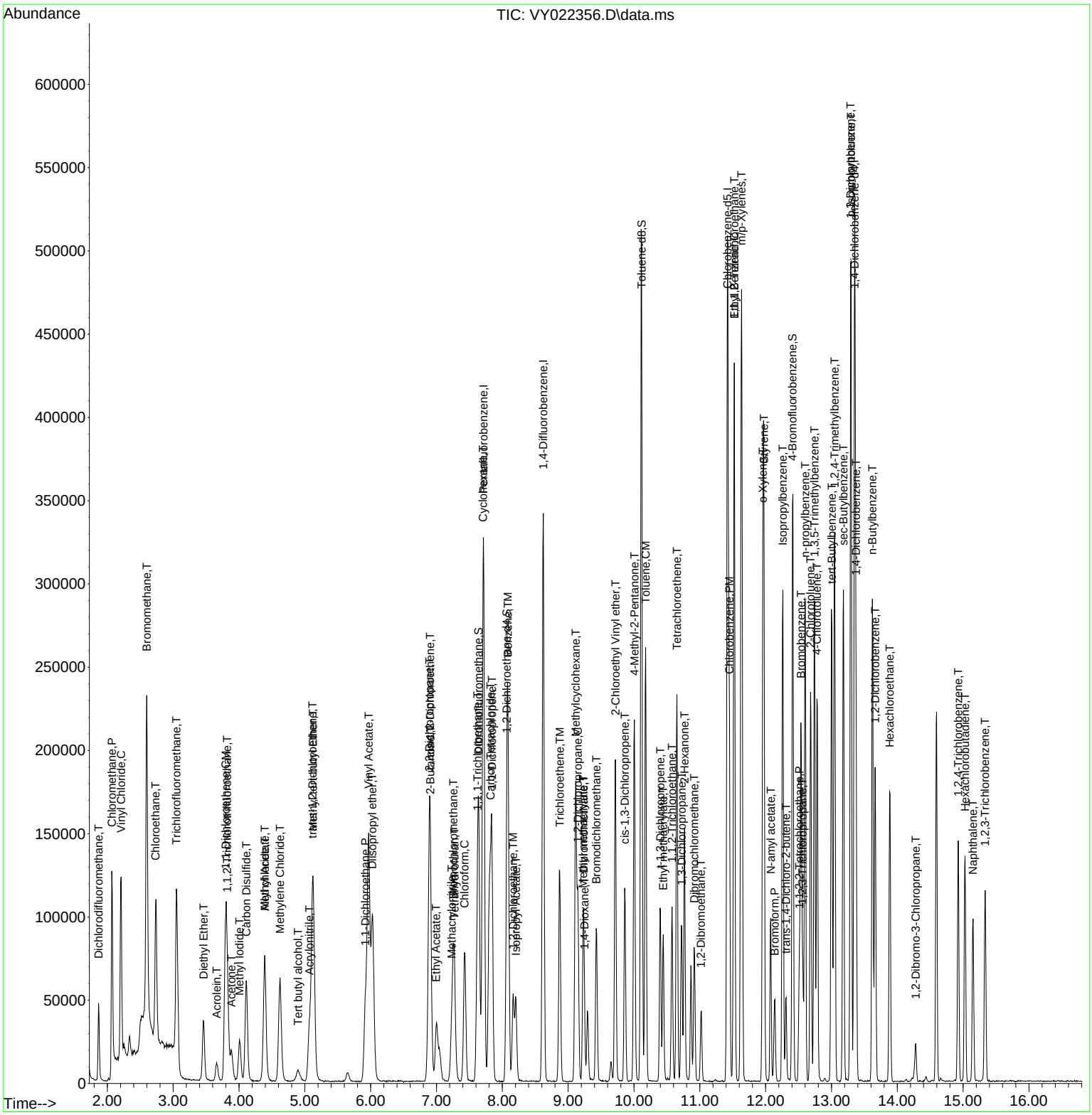
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022356.D
Acq On : 21 May 2025 10:35
Operator : SY/MD
Sample : VY0521SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 22 00:05:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0521SBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022306.D
Acq On : 19 May 2025 09:59
Operator : SY/MD
Sample : VY0519SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 20 01:09:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBSD01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.707 | 168 | 194565 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.616 | 114 | 331521 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.414 | 117 | 276940 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152 | 128146 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.061 | 65 | 107354 | 50.486 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 100.980% | | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 100429 | 50.755 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 101.500% | | | |
| 50) Toluene-d8 | 10.103 | 98 | 414823 | 51.188 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 102.380% | | | |
| 62) 4-Bromofluorobenzene | 12.408 | 95 | 121910 | 47.460 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 94.920% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.867 | 85 | 43055 | 21.207 | ug/l | 96 |
| 3) Chloromethane | 2.068 | 50 | 113821 | 26.652 | ug/l | 99 |
| 4) Vinyl Chloride | 2.202 | 62 | 128803 | 26.995 | ug/l | 99 |
| 5) Bromomethane | 2.592 | 94 | 124608 | 32.081 | ug/l | 98 |
| 6) Chloroethane | 2.733 | 64 | 87807 | 29.581 | ug/l | 98 |
| 7) Trichlorofluoromethane | 3.050 | 101 | 122549 | 25.368 | ug/l | 95 |
| 8) Diethyl Ether | 3.452 | 74 | 24175 | 20.853 | ug/l | 94 |
| 9) 1,1,2-Trichlorotrifluo... | 3.812 | 101 | 45542 | 21.716 | ug/l | 99 |
| 10) Methyl Iodide | 4.001 | 142 | 50436 | 20.779 | ug/l | 100 |
| 11) Tert butyl alcohol | 4.879 | 59 | 15476 | 95.307 | ug/l # | 100 |
| 12) 1,1-Dichloroethene | 3.787 | 96 | 45072 | 21.657 | ug/l | 95 |
| 13) Acrolein | 3.653 | 56 | 19543 | 82.326 | ug/l | 99 |
| 14) Allyl chloride | 4.385 | 41 | 70168 | 19.228 | ug/l | 95 |
| 15) Acrylonitrile | 5.061 | 53 | 48359 | 101.234 | ug/l | 99 |
| 16) Acetone | 3.879 | 43 | 33255 | 83.405 | ug/l | 99 |
| 17) Carbon Disulfide | 4.104 | 76 | 143565 | 21.154 | ug/l | 99 |
| 18) Methyl Acetate | 4.385 | 43 | 24721 | 19.665 | ug/l | 95 |
| 19) Methyl tert-butyl Ether | 5.122 | 73 | 119462 | 20.818 | ug/l | 96 |
| 20) Methylene Chloride | 4.610 | 84 | 50462 | 19.587 | ug/l | 94 |
| 21) trans-1,2-Dichloroethene | 5.116 | 96 | 48842 | 21.262 | ug/l | 99 |
| 22) Diisopropyl ether | 6.019 | 45 | 152437 | 19.781 | ug/l | 97 |
| 23) Vinyl Acetate | 5.958 | 43 | 449453 | 96.539 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 5.909 | 63 | 89079 | 20.690 | ug/l | 98 |
| 25) 2-Butanone | 6.896 | 43 | 61413 | 92.082 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 6.884 | 77 | 78841 | 20.589 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 6.896 | 96 | 55830 | 21.061 | ug/l | 99 |
| 28) Bromochloromethane | 7.244 | 49 | 38029 | 20.708 | ug/l | 99 |
| 29) Tetrahydrofuran | 7.262 | 42 | 42869 | 99.910 | ug/l | 98 |
| 30) Chloroform | 7.421 | 83 | 88657 | 21.469 | ug/l | 99 |
| 31) Cyclohexane | 7.701 | 56 | 87956 | 20.447 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 7.622 | 97 | 79733 | 21.045 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 7.835 | 75 | 67371 | 20.671 | ug/l | 99 |
| 37) Ethyl Acetate | 6.988 | 43 | 29722 | 18.954 | ug/l | 98 |
| 38) Carbon Tetrachloride | 7.817 | 117 | 69525 | 20.608 | ug/l | 97 |
| 39) Methylcyclohexane | 9.110 | 83 | 87625 | 20.012 | ug/l | 97 |
| 40) Benzene | 8.079 | 78 | 200424 | 20.744 | ug/l | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022306.D
Acq On : 19 May 2025 09:59
Operator : SY/MD
Sample : VY0519SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 20 01:09:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBSD01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Methacrylonitrile | 7.226 | 41 | 16084 | 15.462 ug/l # | 80 |
| 42) 1,2-Dichloroethane | 8.158 | 62 | 52712 | 20.174 ug/l | 100 |
| 43) Isopropyl Acetate | 8.195 | 43 | 64516 | 18.865 ug/l | 98 |
| 44) Trichloroethene | 8.866 | 130 | 49650 | 20.667 ug/l | 96 |
| 45) 1,2-Dichloropropane | 9.140 | 63 | 47015 | 20.183 ug/l | 100 |
| 46) Dibromomethane | 9.231 | 93 | 26192 | 20.847 ug/l | 97 |
| 47) Bromodichloromethane | 9.420 | 83 | 66833 | 20.505 ug/l | 98 |
| 48) Methyl methacrylate | 9.219 | 41 | 29452 | 18.415 ug/l | 93 |
| 49) 1,4-Dioxane | 9.231 | 88 | 5547 | 390.819 ug/l | 97 |
| 51) 4-Methyl-2-Pentanone | 10.000 | 43 | 158163 | 94.253 ug/l | 98 |
| 52) Toluene | 10.170 | 92 | 123710 | 20.220 ug/l | 98 |
| 53) t-1,3-Dichloropropene | 10.396 | 75 | 62382 | 19.612 ug/l | 98 |
| 54) cis-1,3-Dichloropropene | 9.853 | 75 | 74146 | 20.346 ug/l | 96 |
| 55) 1,1,2-Trichloroethane | 10.573 | 97 | 33457 | 20.796 ug/l | 97 |
| 56) Ethyl methacrylate | 10.439 | 69 | 48821 | 19.481 ug/l | 98 |
| 57) 1,3-Dichloropropane | 10.719 | 76 | 57054 | 19.960 ug/l | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.713 | 63 | 99928 | 88.837 ug/l | 98 |
| 59) 2-Hexanone | 10.762 | 43 | 103950 | 92.391 ug/l | 96 |
| 60) Dibromochloromethane | 10.914 | 129 | 41635 | 19.938 ug/l | 99 |
| 61) 1,2-Dibromoethane | 11.012 | 107 | 29997 | 20.005 ug/l | 98 |
| 64) Tetrachloroethene | 10.646 | 164 | 52068 | 20.341 ug/l | 94 |
| 65) Chlorobenzene | 11.444 | 112 | 128350 | 20.542 ug/l | 97 |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131 | 43068 | 20.051 ug/l | 99 |
| 67) Ethyl Benzene | 11.518 | 91 | 232654 | 19.883 ug/l | 98 |
| 68) m/p-Xylenes | 11.627 | 106 | 176339 | 39.993 ug/l | 100 |
| 69) o-Xylene | 11.957 | 106 | 83255 | 19.957 ug/l | 99 |
| 70) Styrene | 11.969 | 104 | 140022 | 19.898 ug/l | 99 |
| 71) Bromoform | 12.133 | 173 | 22935 | 19.782 ug/l # | 100 |
| 73) Isopropylbenzene | 12.255 | 105 | 219562 | 20.682 ug/l | 99 |
| 74) N-amyl acetate | 12.072 | 43 | 57158 | 18.825 ug/l | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83 | 34577 | 21.178 ug/l | 98 |
| 76) 1,2,3-Trichloropropane | 12.554 | 75 | 26521m | 20.428 ug/l | |
| 77) Bromobenzene | 12.536 | 156 | 46327 | 20.432 ug/l | 100 |
| 78) n-propylbenzene | 12.597 | 91 | 265840 | 20.760 ug/l | 99 |
| 79) 2-Chlorotoluene | 12.682 | 91 | 142473 | 20.246 ug/l | 98 |
| 80) 1,3,5-Trimethylbenzene | 12.737 | 105 | 172377 | 20.114 ug/l | 99 |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75 | 12146 | 18.952 ug/l | 94 |
| 82) 4-Chlorotoluene | 12.780 | 91 | 142463 | 19.682 ug/l | 99 |
| 83) tert-Butylbenzene | 12.999 | 119 | 155407 | 20.403 ug/l | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.042 | 105 | 171885 | 20.205 ug/l | 98 |
| 85) sec-Butylbenzene | 13.176 | 105 | 235679 | 20.844 ug/l | 100 |
| 86) p-Isopropyltoluene | 13.292 | 119 | 191308 | 20.117 ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 13.286 | 146 | 91946 | 19.864 ug/l | 99 |
| 88) 1,4-Dichlorobenzene | 13.365 | 146 | 90855 | 20.406 ug/l | 99 |
| 89) n-Butylbenzene | 13.615 | 91 | 185056 | 20.570 ug/l | 98 |
| 90) Hexachloroethane | 13.877 | 117 | 38879 | 20.253 ug/l | 100 |
| 91) 1,2-Dichlorobenzene | 13.657 | 146 | 77516 | 19.937 ug/l | 98 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75 | 5591 | 21.236 ug/l | 94 |
| 93) 1,2,4-Trichlorobenzene | 14.919 | 180 | 44362 | 19.753 ug/l | 99 |
| 94) Hexachlorobutadiene | 15.023 | 225 | 25145 | 20.076 ug/l | 96 |
| 95) Naphthalene | 15.145 | 128 | 82889 | 19.449 ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.328 | 180 | 36544 | 19.181 ug/l | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022306.D
Acq On : 19 May 2025 09:59
Operator : SY/MD
Sample : VY0519SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 20 01:09:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBSD01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

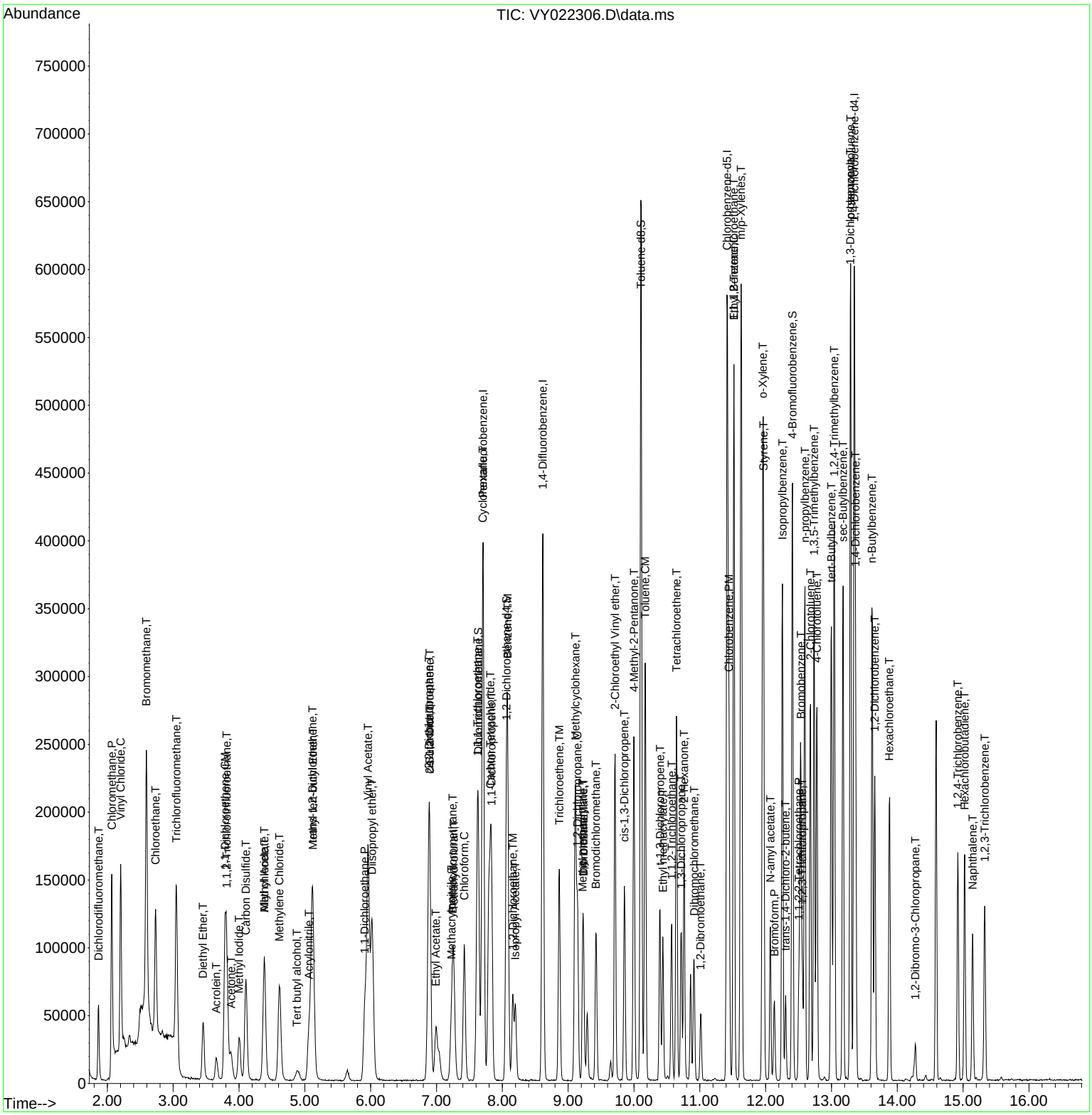
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022306.D
Acq On : 19 May 2025 09:59
Operator : SY/MD
Sample : VY0519SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 20 01:09:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0519SBSD01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



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# Manual Integration Report

| Sequence: | VY051525 | Instrument | MSVOA_y |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDICC005 | VY022253.D | 1,2,3-Trichloropropane | MMDadoda | 5/16/2025 11:48:35 AM | Sam | 5/16/2025 11:50:51 AM | Peak Integrated by Software |
| VSTDICC005 | VY022253.D | Methacrylonitrile | MMDadoda | 5/16/2025 11:48:35 AM | Sam | 5/16/2025 11:50:51 AM | Peak Integrated by Software |
| VSTDICC005 | VY022253.D | Methyl Acetate | MMDadoda | 5/16/2025 11:48:35 AM | Sam | 5/16/2025 11:50:51 AM | Peak Integrated by Software |
| VSTDICC010 | VY022254.D | 1,2,3-Trichloropropane | MMDadoda | 5/16/2025 11:48:33 AM | Sam | 5/16/2025 11:50:49 AM | Peak Integrated by Software |
| VSTDICC010 | VY022254.D | Methacrylonitrile | MMDadoda | 5/16/2025 11:48:33 AM | Sam | 5/16/2025 11:50:49 AM | Peak Integrated by Software |
| VSTDICC020 | VY022255.D | 1,2,3-Trichloropropane | MMDadoda | 5/16/2025 11:48:32 AM | Sam | 5/16/2025 11:50:48 AM | Peak Integrated by Software |
| VSTDICC020 | VY022255.D | Methacrylonitrile | MMDadoda | 5/16/2025 11:48:32 AM | Sam | 5/16/2025 11:50:48 AM | Peak Integrated by Software |
| VSTDICCC050 | VY022256.D | 1,2,3-Trichloropropane | MMDadoda | 5/16/2025 11:48:30 AM | Sam | 5/16/2025 11:50:46 AM | Peak Integrated by Software |
| VSTDICCC050 | VY022256.D | Methacrylonitrile | MMDadoda | 5/16/2025 11:48:30 AM | Sam | 5/16/2025 11:50:46 AM | Peak Integrated by Software |
| VSTDICC100 | VY022257.D | 1,2,3-Trichloropropane | MMDadoda | 5/16/2025 11:48:28 AM | Sam | 5/16/2025 11:50:45 AM | Peak Integrated by Software |
| VSTDICC100 | VY022257.D | Methacrylonitrile | MMDadoda | 5/16/2025 11:48:28 AM | Sam | 5/16/2025 11:50:45 AM | Peak Integrated by Software |
| VSTDICC150 | VY022258.D | 1,2,3-Trichloropropane | MMDadoda | 5/16/2025 11:48:27 AM | Sam | 5/16/2025 11:50:43 AM | Peak Integrated by Software |
| VSTDICC150 | VY022258.D | Methacrylonitrile | MMDadoda | 5/16/2025 11:48:27 AM | Sam | 5/16/2025 11:50:43 AM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | VY051525 | Instrument | MSVOA_y |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDICV050 | VY022260.D | 1,2,3-Trichloropropane | MMDadoda | 5/16/2025 11:48:25 AM | Sam | 5/16/2025 11:50:42 AM | Peak Integrated by Software |
| VSTDICV050 | VY022260.D | Methacrylonitrile | MMDadoda | 5/16/2025 11:48:25 AM | Sam | 5/16/2025 11:50:42 AM | Peak Integrated by Software |
| VSTDCCC050 | VY022275.D | 1,2,3-Trichloropropane | MMDadoda | 5/16/2025 11:48:21 AM | Sam | 5/16/2025 11:50:27 AM | Peak Integrated by Software |
| VSTDCCC050 | VY022275.D | Methacrylonitrile | MMDadoda | 5/16/2025 11:48:21 AM | Sam | 5/16/2025 11:50:27 AM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | vy051925 | Instrument | MSVOA_y |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDCCC050 | VY022303.D | 1,2,3-Trichloropropane | MMDadoda | 5/21/2025 3:42:35 PM | Sam | 5/21/2025 3:54:21 PM | Peak Integrated by Software |
| VY0519SBS01 | VY022305.D | 1,2,3-Trichloropropane | MMDadoda | 5/21/2025 3:42:36 PM | Sam | 5/21/2025 3:54:22 PM | Peak Integrated by Software |
| VY0519SBSD01 | VY022306.D | 1,2,3-Trichloropropane | MMDadoda | 5/21/2025 3:42:38 PM | Sam | 5/21/2025 3:54:24 PM | Peak Integrated by Software |
| VSTDCCC050 | VY022327.D | 1,2,3-Trichloropropane | MMDadoda | 5/21/2025 3:42:40 PM | Sam | 5/21/2025 3:54:26 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | vy052025 | Instrument | MSVOA_y |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDCCC050 | VY022329.D | 1,2,3-Trichloropropane | MMDadoda | 5/21/2025 3:43:03 PM | Sam | 5/21/2025 3:55:05 PM | Peak Integrated by Software |
| VSTDCCC050 | VY022329.D | Methacrylonitrile | MMDadoda | 5/21/2025 3:43:03 PM | Sam | 5/21/2025 3:55:05 PM | Peak Integrated by Software |
| VY0520SBS01 | VY022331.D | 1,2,3-Trichloropropane | MMDadoda | 5/21/2025 3:43:06 PM | Sam | 5/21/2025 3:55:08 PM | Peak Integrated by Software |
| VSTDCCC050 | VY022352.D | 1,2,3-Trichloropropane | MMDadoda | 5/21/2025 3:43:22 PM | Sam | 5/21/2025 3:55:19 PM | Peak Integrated by Software |
| VSTDCCC050 | VY022352.D | Methacrylonitrile | MMDadoda | 5/21/2025 3:43:22 PM | Sam | 5/21/2025 3:55:19 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | VY052125 | Instrument | MSVOA_y |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDCCC050 | VY022354.D | 1,2,3-Trichloropropane | MMDadoda | 5/22/2025 8:21:47 AM | Sam | 5/22/2025 8:26:29 AM | Peak Integrated by Software |
| VSTDCCC050 | VY022354.D | Methacrylonitrile | MMDadoda | 5/22/2025 8:21:47 AM | Sam | 5/22/2025 8:26:29 AM | Peak Integrated by Software |
| VY0521SBS01 | VY022356.D | 1,2,3-Trichloropropane | MMDadoda | 5/22/2025 8:21:48 AM | Sam | 5/22/2025 8:26:30 AM | Peak Integrated by Software |
| VY0521SBS01 | VY022356.D | Methacrylonitrile | MMDadoda | 5/22/2025 8:21:48 AM | Sam | 5/22/2025 8:26:30 AM | Peak Integrated by Software |

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**Instrument ID: MSVOA_Y**

## Daily Analysis Runlog For Sequence/QCBatch ID # VY051525

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/16/2025 11:49:17 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/16/2025 11:51:38 AM | | |
| SubDirectory | VY051525 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133916 |
| Initial Calibration Stds | VP133918,VP133919,VP133920,VP133921,VP133922,VP133923 |
| CCC | VP133925 |
| Internal Standard/PEM | VP131783 |
| ICV/I.BLK | VP133924 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr # | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VY022252.D | 15 May 2025 07:52 | SY/MD | Ok |
| 2 | VSTDICC005 | VY022253.D | 15 May 2025 09:46 | SY/MD | Ok,M |
| 3 | VSTDICC010 | VY022254.D | 15 May 2025 10:16 | SY/MD | Ok,M |
| 4 | VSTDICC020 | VY022255.D | 15 May 2025 10:39 | SY/MD | Ok,M |
| 5 | VSTDICCC050 | VY022256.D | 15 May 2025 11:02 | SY/MD | Ok,M |
| 6 | VSTDICC100 | VY022257.D | 15 May 2025 11:24 | SY/MD | Ok,M |
| 7 | VSTDICC150 | VY022258.D | 15 May 2025 11:47 | SY/MD | Ok,M |
| 8 | VIBLK | VY022259.D | 15 May 2025 12:34 | SY/MD | Ok |
| 9 | VSTDICV050 | VY022260.D | 15 May 2025 13:20 | SY/MD | Ok,M |
| 10 | VY0515SBL01 | VY022261.D | 15 May 2025 13:44 | SY/MD | Ok |
| 11 | VY0515SBS01 | VY022262.D | 15 May 2025 14:07 | SY/MD | Ok,M |
| 12 | VY0515SBSD01 | VY022263.D | 15 May 2025 14:29 | SY/MD | Ok,M |
| 13 | Q1984-01 | VY022264.D | 15 May 2025 15:12 | SY/MD | Ok |
| 14 | Q1984-03 | VY022265.D | 15 May 2025 15:35 | SY/MD | Ok |
| 15 | Q1984-05 | VY022266.D | 15 May 2025 15:59 | SY/MD | Ok |
| 16 | Q1984-07 | VY022267.D | 15 May 2025 16:22 | SY/MD | ReRun |
| 17 | Q1984-09 | VY022268.D | 15 May 2025 16:46 | SY/MD | Not Ok |
| 18 | Q1984-11 | VY022269.D | 15 May 2025 17:09 | SY/MD | Not Ok |
| 19 | Q1984-13 | VY022270.D | 15 May 2025 17:33 | SY/MD | Not Ok |
| 20 | Q1984-15 | VY022271.D | 15 May 2025 17:56 | SY/MD | ReRun |
| 21 | Q1982-04 | VY022272.D | 15 May 2025 18:19 | SY/MD | Ok |

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**Instrument ID: MSVOA_Y**

## Daily Analysis Runlog For Sequence/QCBatch ID # VY051525

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/16/2025 11:49:17 AM | | | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/16/2025 11:51:38 AM | | | | |
| SubDirectory | VY051525 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m | | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133916 |
| Initial Calibration Stds | VP133918,VP133919,VP133920,VP133921,VP133922,VP133923 |
| CCC | VP133925 |
| Internal Standard/PEM | VP131783 |
| ICV/I.BLK | VP133924 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q1982-05 | VY022273.D | 15 May 2025 18:43 | SY/MD | Ok |
| 23 | Q1982-06 | VY022274.D | 15 May 2025 19:06 | SY/MD | Ok |
| 24 | VSTDCCC050 | VY022275.D | 15 May 2025 19:52 | SY/MD | Ok,M |

M : Manual Integration

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**Instrument ID: MSVOA_Y**

## Daily Analysis Runlog For Sequence/QCBatch ID # VY051925

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/21/2025 3:42:46 PM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/21/2025 3:54:32 PM | | |
| SubDirectory | VY051925 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133960 |
| Initial Calibration Stds | |
| CCC | VP133961,VP133962 |
| Internal Standard/PEM | VP133934 |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr # | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VY022302.D | 19 May 2025 07:57 | SY/MD | Ok |
| 2 | VSTDCCC050 | VY022303.D | 19 May 2025 08:27 | SY/MD | Ok,M |
| 3 | VY0519SBL01 | VY022304.D | 19 May 2025 09:00 | SY/MD | Ok |
| 4 | VY0519SBS01 | VY022305.D | 19 May 2025 09:36 | SY/MD | Ok,M |
| 5 | VY0519SBSD01 | VY022306.D | 19 May 2025 09:59 | SY/MD | Ok,M |
| 6 | Q2055-01 | VY022307.D | 19 May 2025 10:41 | SY/MD | Ok |
| 7 | Q2052-03 | VY022308.D | 19 May 2025 11:04 | SY/MD | Ok |
| 8 | Q2057-03 | VY022309.D | 19 May 2025 11:28 | SY/MD | Ok |
| 9 | Q2048-03 | VY022310.D | 19 May 2025 11:51 | SY/MD | Ok |
| 10 | Q2048-07 | VY022311.D | 19 May 2025 12:15 | SY/MD | Ok |
| 11 | Q2048-11 | VY022312.D | 19 May 2025 12:38 | SY/MD | Ok |
| 12 | Q2048-15 | VY022313.D | 19 May 2025 13:02 | SY/MD | Ok |
| 13 | Q2003-02RE | VY022314.D | 19 May 2025 13:25 | SY/MD | Confirms |
| 14 | Q2062-03 | VY022315.D | 19 May 2025 13:49 | SY/MD | Ok |
| 15 | Q2062-07 | VY022316.D | 19 May 2025 14:12 | SY/MD | Ok |
| 16 | Q2062-11 | VY022317.D | 19 May 2025 14:35 | SY/MD | Ok |
| 17 | Q2062-15 | VY022318.D | 19 May 2025 14:59 | SY/MD | Ok |
| 18 | Q2062-19 | VY022319.D | 19 May 2025 15:22 | SY/MD | Not Ok |
| 19 | Q2062-23 | VY022320.D | 19 May 2025 15:46 | SY/MD | Not Ok |
| 20 | Q2071-03 | VY022321.D | 19 May 2025 16:09 | SY/MD | Ok |
| 21 | Q2071-07 | VY022322.D | 19 May 2025 16:33 | SY/MD | Ok |

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**Instrument ID: MSVOA_Y**

## Daily Analysis Runlog For Sequence/QCBatch ID # VY051925

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/21/2025 3:42:46 PM | | | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/21/2025 3:54:32 PM | | | | |
| SubDirectory | VY051925 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m | | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133960 |
| Initial Calibration Stds | |
| CCC | VP133961,VP133962 |
| Internal Standard/PEM | VP133934 |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q2071-11 | VY022323.D | 19 May 2025 16:56 | SY/MD | Not Ok |
| 23 | Q2071-15 | VY022324.D | 19 May 2025 17:20 | SY/MD | Ok |
| 24 | Q2021-02 | VY022325.D | 19 May 2025 17:43 | SY/MD | Ok |
| 25 | Q2056-01 | VY022326.D | 19 May 2025 18:06 | SY/MD | Ok |
| 26 | VSTDCCC050 | VY022327.D | 19 May 2025 18:52 | SY/MD | Ok,M |

M : Manual Integration

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**Instrument ID: MSVOA_Y**

## Daily Analysis Runlog For Sequence/QCBatch ID # VY052025

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/21/2025 3:43:30 PM | | | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/23/2025 2:22:55 AM | | | | |
| SubDirectory | VY052025 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m | | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133969 |
| Initial Calibration Stds | |
| CCC | VP133970,VP133971 |
| Internal Standard/PEM | VP133934 |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr # | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VY022328.D | 20 May 2025 08:09 | SY/MD | Ok |
| 2 | VSTDCCC050 | VY022329.D | 20 May 2025 08:40 | SY/MD | Ok,M |
| 3 | VY0520SBL01 | VY022330.D | 20 May 2025 09:48 | SY/MD | Ok |
| 4 | VY0520SBS01 | VY022331.D | 20 May 2025 10:21 | SY/MD | Ok,M |
| 5 | VY0520SBSD01 | VY022332.D | 20 May 2025 10:43 | SY/MD | Ok,M |
| 6 | Q2062-19 | VY022333.D | 20 May 2025 11:28 | SY/MD | Ok |
| 7 | Q2062-23 | VY022334.D | 20 May 2025 11:51 | SY/MD | Ok |
| 8 | Q2071-11 | VY022335.D | 20 May 2025 12:15 | SY/MD | Ok |
| 9 | Q2056-02 | VY022336.D | 20 May 2025 12:38 | SY/MD | Ok |
| 10 | Q2056-03 | VY022337.D | 20 May 2025 13:01 | SY/MD | Ok |
| 11 | Q2056-04 | VY022338.D | 20 May 2025 13:25 | SY/MD | Ok |
| 12 | Q2056-05 | VY022339.D | 20 May 2025 13:48 | SY/MD | Not Ok |
| 13 | Q2080-02 | VY022340.D | 20 May 2025 14:12 | SY/MD | Ok |
| 14 | Q2080-08 | VY022341.D | 20 May 2025 14:35 | SY/MD | Ok |
| 15 | Q2032-02 | VY022342.D | 20 May 2025 14:59 | SY/MD | Ok |
| 16 | Q2075-01 | VY022343.D | 20 May 2025 15:22 | SY/MD | Ok |
| 17 | Q2075-02 | VY022344.D | 20 May 2025 15:45 | SY/MD | Ok |
| 18 | Q2075-03 | VY022345.D | 20 May 2025 16:09 | SY/MD | Ok |
| 19 | Q2084-02 | VY022346.D | 20 May 2025 16:32 | SY/MD | Ok |
| 20 | Q2032-01 | VY022347.D | 20 May 2025 16:56 | SY/MD | Dilution |
| 21 | Q2032-05MS | VY022348.D | 20 May 2025 17:19 | SY/MD | Ok,M |

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**Instrument ID: MSVOA_Y**

## Daily Analysis Runlog For Sequence/QCBatch ID # VY052025

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/21/2025 3:43:30 PM | | | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/23/2025 2:22:55 AM | | | | |
| SubDirectory | VY052025 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m | | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133969 |
| Initial Calibration Stds | |
| CCC | VP133970,VP133971 |
| Internal Standard/PEM | VP133934 |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q2032-06MSD | VY022349.D | 20 May 2025 17:41 | SY/MD | ReRun |
| 23 | Q2075-04MS | VY022350.D | 20 May 2025 18:04 | SY/MD | Ok,M |
| 24 | Q2075-05MSD | VY022351.D | 20 May 2025 18:26 | SY/MD | Ok,M |
| 25 | VSTDCCC050 | VY022352.D | 20 May 2025 19:34 | SY/MD | Ok,M |

M : Manual Integration

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**Instrument ID: MSVOA_Y**

## Daily Analysis Runlog For Sequence/QCBatch ID # VY052125

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/22/2025 8:21:53 AM | | | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/22/2025 8:26:36 AM | | | | |
| SubDirectory | VY052125 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m | | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133975 |
| Initial Calibration Stds | |
| CCC | VP133976,VP133977 |
| Internal Standard/PEM | VP133934 |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr # | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VY022353.D | 21 May 2025 09:02 | SY/MD | Ok |
| 2 | VSTDCCC050 | VY022354.D | 21 May 2025 09:33 | SY/MD | Ok,M |
| 3 | VY0521SBL01 | VY022355.D | 21 May 2025 10:05 | SY/MD | Ok |
| 4 | VY0521SBS01 | VY022356.D | 21 May 2025 10:35 | SY/MD | Ok,M |
| 5 | VY0521SBSD01 | VY022357.D | 21 May 2025 10:58 | SY/MD | Ok,M |
| 6 | Q2056-05 | VY022358.D | 21 May 2025 11:37 | SY/MD | Ok |
| 7 | Q2071-11 | VY022359.D | 21 May 2025 12:00 | SY/MD | Not Ok |
| 8 | Q2097-01 | VY022360.D | 21 May 2025 12:24 | SY/MD | Ok |
| 9 | Q2097-03 | VY022361.D | 21 May 2025 12:47 | SY/MD | Ok |
| 10 | Q2097-05 | VY022362.D | 21 May 2025 13:11 | SY/MD | Ok |
| 11 | Q2097-07 | VY022363.D | 21 May 2025 13:34 | SY/MD | Ok |
| 12 | Q2097-09 | VY022364.D | 21 May 2025 13:57 | SY/MD | Ok |
| 13 | Q2097-11 | VY022365.D | 21 May 2025 14:21 | SY/MD | ReRun |
| 14 | Q2097-13 | VY022366.D | 21 May 2025 14:44 | SY/MD | Ok |
| 15 | Q2097-15 | VY022367.D | 21 May 2025 15:08 | SY/MD | Ok |
| 16 | Q2097-17 | VY022368.D | 21 May 2025 15:31 | SY/MD | Ok |
| 17 | Q2095-03 | VY022369.D | 21 May 2025 15:55 | SY/MD | Ok |
| 18 | Q2095-07 | VY022370.D | 21 May 2025 16:18 | SY/MD | Ok |
| 19 | Q2093-01 | VY022371.D | 21 May 2025 16:42 | SY/MD | Ok |
| 20 | Q2092-01 | VY022372.D | 21 May 2025 17:05 | SY/MD | Ok |
| 21 | Q2087-01 | VY022373.D | 21 May 2025 17:28 | SY/MD | Ok |

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**Instrument ID: MSVOA_Y**

## Daily Analysis Runlog For Sequence/QCBatch ID # VY052125

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/22/2025 8:21:53 AM | | | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/22/2025 8:26:36 AM | | | | |
| SubDirectory | VY052125 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m | | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133975 |
| Initial Calibration Stds | |
| CCC | VP133976,VP133977 |
| Internal Standard/PEM | VP133934 |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q2087-03 | VY022374.D | 21 May 2025 17:52 | SY/MD | ReRun |
| 23 | Q2101-03 | VY022375.D | 21 May 2025 18:15 | SY/MD | ReRun |
| 24 | Q2104-01 | VY022376.D | 21 May 2025 18:39 | SY/MD | ReRun |
| 25 | Q2102-01 | VY022377.D | 21 May 2025 19:02 | SY/MD | ReRun |
| 26 | VIBLK | VY022378.D | 21 May 2025 19:26 | SY/MD | Ok |

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**Instrument ID:** MSVOA_Y

## Daily Analysis Runlog For Sequence/QCBatch ID # VY051525

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/16/2025 11:49:17 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/16/2025 11:51:38 AM | | |
| SubDirectory | VY051525 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133916 |
| Initial Calibration Stds | VP133918,VP133919,VP133920,VP133921,VP133922,VP133923 |
| CCC | VP133925 |
| Internal Standard/PEM | VP131783 |
| ICV/I.BLK | VP133924 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr # | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | BFB | BFB | VY022252.D | 15 May 2025 07:52 | | SY/MD | Ok |
| 2 | VSTDICC005 | VSTDICC005 | VY022253.D | 15 May 2025 09:46 | | SY/MD | Ok,M |
| 3 | VSTDICC010 | VSTDICC010 | VY022254.D | 15 May 2025 10:16 | | SY/MD | Ok,M |
| 4 | VSTDICC020 | VSTDICC020 | VY022255.D | 15 May 2025 10:39 | | SY/MD | Ok,M |
| 5 | VSTDICCC050 | VSTDICCC050 | VY022256.D | 15 May 2025 11:02 | | SY/MD | Ok,M |
| 6 | VSTDICC100 | VSTDICC100 | VY022257.D | 15 May 2025 11:24 | | SY/MD | Ok,M |
| 7 | VSTDICC150 | VSTDICC150 | VY022258.D | 15 May 2025 11:47 | | SY/MD | Ok,M |
| 8 | VIBLK | VIBLK | VY022259.D | 15 May 2025 12:34 | | SY/MD | Ok |
| 9 | VSTDICV050 | ICVVY051525 | VY022260.D | 15 May 2025 13:20 | | SY/MD | Ok,M |
| 10 | VY0515SBL01 | VY0515SBL01 | VY022261.D | 15 May 2025 13:44 | | SY/MD | Ok |
| 11 | VY0515SBS01 | VY0515SBS01 | VY022262.D | 15 May 2025 14:07 | | SY/MD | Ok,M |
| 12 | VY0515SBSD01 | VY0515SBSD01 | VY022263.D | 15 May 2025 14:29 | | SY/MD | Ok,M |
| 13 | Q1984-01 | OU4-PCS-TC-33-05072 | VY022264.D | 15 May 2025 15:12 | vial-A | SY/MD | Ok |
| 14 | Q1984-03 | OU4-PCS-TC-34-05072 | VY022265.D | 15 May 2025 15:35 | vial-A | SY/MD | Ok |
| 15 | Q1984-05 | OU4-PCS-TC-35-05072 | VY022266.D | 15 May 2025 15:59 | vial-A | SY/MD | Ok |
| 16 | Q1984-07 | OU4-TS-24-050725 | VY022267.D | 15 May 2025 16:22 | vial-A Surrogate fail | SY/MD | ReRun |
| 17 | Q1984-09 | OU4-TS-25-050725 | VY022268.D | 15 May 2025 16:46 | vial-A Surrogate fail | SY/MD | Not Ok |
| 18 | Q1984-11 | OU4-TS-26-050725 | VY022269.D | 15 May 2025 17:09 | vial-A Surrogate fail | SY/MD | Not Ok |

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**Instrument ID:** MSVOA_Y

## Daily Analysis Runlog For Sequence/QCBatch ID # VY051525

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/16/2025 11:49:17 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/16/2025 11:51:38 AM | | |
| SubDirectory | VY051525 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133916 |
| Initial Calibration Stds | VP133918,VP133919,VP133920,VP133921,VP133922,VP133923 |
| CCC | VP133925 |
| Internal Standard/PEM | VP131783 |
| ICV/I.BLK | VP133924 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q1984-13 | OU4-TS-27-050725 | VY022270.D | 15 May 2025 17:33 | vial-A Surrogate fail | SY/MD | Not Ok |
| 20 | Q1984-15 | OU4-TS-28-050725 | VY022271.D | 15 May 2025 17:56 | vial-A Surrogate fail | SY/MD | ReRun |
| 21 | Q1982-04 | TP-4 | VY022272.D | 15 May 2025 18:19 | vial-A | SY/MD | Ok |
| 22 | Q1982-05 | TP-5 | VY022273.D | 15 May 2025 18:43 | vial-A | SY/MD | Ok |
| 23 | Q1982-06 | TP-6 | VY022274.D | 15 May 2025 19:06 | vial-A | SY/MD | Ok |
| 24 | VSTDCCC050 | VSTDCCC050EC | VY022275.D | 15 May 2025 19:52 | | SY/MD | Ok,M |

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**Instrument ID:** MSVOA_Y

## Daily Analysis Runlog For Sequence/QCBatch ID # VY051925

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/21/2025 3:42:46 PM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/21/2025 3:54:32 PM | | |
| SubDirectory | VY051925 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133960 |
| Initial Calibration Stds | |
| CCC | VP133961,VP133962 |
| Internal Standard/PEM | VP133934 |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr # | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | BFB | BFB | VY022302.D | 19 May 2025 07:57 | | SY/MD | Ok |
| 2 | VSTDCCC050 | VSTDCCC050 | VY022303.D | 19 May 2025 08:27 | | SY/MD | Ok,M |
| 3 | VY0519SBL01 | VY0519SBL01 | VY022304.D | 19 May 2025 09:00 | | SY/MD | Ok |
| 4 | VY0519SBS01 | VY0519SBS01 | VY022305.D | 19 May 2025 09:36 | | SY/MD | Ok,M |
| 5 | VY0519SBSD01 | VY0519SBSD01 | VY022306.D | 19 May 2025 09:59 | | SY/MD | Ok,M |
| 6 | Q2055-01 | OR-02-051525 | VY022307.D | 19 May 2025 10:41 | vial-B Internal Standard Fail | SY/MD | Ok |
| 7 | Q2052-03 | TP-B-VOC | VY022308.D | 19 May 2025 11:04 | vial-B | SY/MD | Ok |
| 8 | Q2057-03 | MH-L-VOC | VY022309.D | 19 May 2025 11:28 | vial-B | SY/MD | Ok |
| 9 | Q2048-03 | L2-WC-1-VOC | VY022310.D | 19 May 2025 11:51 | vial-B | SY/MD | Ok |
| 10 | Q2048-07 | L2-WC-2-VOC | VY022311.D | 19 May 2025 12:15 | vial-B | SY/MD | Ok |
| 11 | Q2048-11 | L2-WC-3-VOC | VY022312.D | 19 May 2025 12:38 | vial-B | SY/MD | Ok |
| 12 | Q2048-15 | L2-WC-4-VOC | VY022313.D | 19 May 2025 13:02 | vial-B | SY/MD | Ok |
| 13 | Q2003-02RE | VOCRE | VY022314.D | 19 May 2025 13:25 | vial-B, Internal standard fail | SY/MD | Confirms |
| 14 | Q2062-03 | L1-WC-1-VOC | VY022315.D | 19 May 2025 13:49 | vial-A | SY/MD | Ok |
| 15 | Q2062-07 | L1-WC-2-VOC | VY022316.D | 19 May 2025 14:12 | vial-A | SY/MD | Ok |
| 16 | Q2062-11 | L1-WC-3-VOC | VY022317.D | 19 May 2025 14:35 | vial-A | SY/MD | Ok |
| 17 | Q2062-15 | L1-WC-4-VOC | VY022318.D | 19 May 2025 14:59 | vial-A | SY/MD | Ok |
| 18 | Q2062-19 | L1-WC-5-VOC | VY022319.D | 19 May 2025 15:22 | vial-A Internal Standard Fail | SY/MD | Not Ok |

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**Instrument ID:** MSVOA_Y

## Daily Analysis Runlog For Sequence/QCBatch ID # VY051925

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/21/2025 3:42:46 PM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/21/2025 3:54:32 PM | | |
| SubDirectory | VY051925 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133960 |
| Initial Calibration Stds | |
| CCC | VP133961,VP133962 |
| Internal Standard/PEM | VP133934 |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q2062-23 | L1-WC-6-VOC | VY022320.D | 19 May 2025 15:46 | vial-A Internal Standard Fail | SY/MD | Not Ok |
| 20 | Q2071-03 | L1-WC-7-VOC | VY022321.D | 19 May 2025 16:09 | vial-A | SY/MD | Ok |
| 21 | Q2071-07 | L1-WC-8-VOC | VY022322.D | 19 May 2025 16:33 | vial-A | SY/MD | Ok |
| 22 | Q2071-11 | L1-WC-9-VOC | VY022323.D | 19 May 2025 16:56 | vial-A Internal Standard Fail | SY/MD | Not Ok |
| 23 | Q2071-15 | L2-WC-5-VOC | VY022324.D | 19 May 2025 17:20 | vial-A | SY/MD | Ok |
| 24 | Q2021-02 | VOC | VY022325.D | 19 May 2025 17:43 | vial-B | SY/MD | Ok |
| 25 | Q2056-01 | GVD11 | VY022326.D | 19 May 2025 18:06 | vial-B | SY/MD | Ok |
| 26 | VSTDCCC050 | VSTDCCC050EC | VY022327.D | 19 May 2025 18:52 | | SY/MD | Ok,M |

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**Instrument ID:** MSVOA_Y

## Daily Analysis Runlog For Sequence/QCBatch ID # VY052025

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/21/2025 3:43:30 PM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/23/2025 2:22:55 AM | | |
| SubDirectory | VY052025 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133969 |
| Initial Calibration Stds | |
| CCC | VP133970,VP133971 |
| Internal Standard/PEM | VP133934 |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr # | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | BFB | BFB | VY022328.D | 20 May 2025 08:09 | | SY/MD | Ok |
| 2 | VSTDCCC050 | VSTDCCC050 | VY022329.D | 20 May 2025 08:40 | | SY/MD | Ok,M |
| 3 | VY0520SBL01 | VY0520SBL01 | VY022330.D | 20 May 2025 09:48 | | SY/MD | Ok |
| 4 | VY0520SBS01 | VY0520SBS01 | VY022331.D | 20 May 2025 10:21 | | SY/MD | Ok,M |
| 5 | VY0520SBSD01 | VY0520SBSD01 | VY022332.D | 20 May 2025 10:43 | | SY/MD | Ok,M |
| 6 | Q2062-19 | L1-WC-5-VOC | VY022333.D | 20 May 2025 11:28 | vial-B | SY/MD | Ok |
| 7 | Q2062-23 | L1-WC-6-VOC | VY022334.D | 20 May 2025 11:51 | vial-B | SY/MD | Ok |
| 8 | Q2071-11 | L1-WC-9-VOC | VY022335.D | 20 May 2025 12:15 | vial-B | SY/MD | Ok |
| 9 | Q2056-02 | GVD12 | VY022336.D | 20 May 2025 12:38 | vial-B | SY/MD | Ok |
| 10 | Q2056-03 | GVD13 | VY022337.D | 20 May 2025 13:01 | vial-B | SY/MD | Ok |
| 11 | Q2056-04 | GVD14 | VY022338.D | 20 May 2025 13:25 | vial-A | SY/MD | Ok |
| 12 | Q2056-05 | GVD15 | VY022339.D | 20 May 2025 13:48 | vial-A Internal standard fail | SY/MD | Not Ok |
| 13 | Q2080-02 | PL-HRH-VOC-01 | VY022340.D | 20 May 2025 14:12 | vial-A | SY/MD | Ok |
| 14 | Q2080-08 | PL-HRH-VOC-02 | VY022341.D | 20 May 2025 14:35 | vial-A | SY/MD | Ok |
| 15 | Q2032-02 | TP-29 | VY022342.D | 20 May 2025 14:59 | vial-A | SY/MD | Ok |
| 16 | Q2075-01 | SS-10 | VY022343.D | 20 May 2025 15:22 | vial-A | SY/MD | Ok |
| 17 | Q2075-02 | SS-910 | VY022344.D | 20 May 2025 15:45 | vial-A | SY/MD | Ok |
| 18 | Q2075-03 | SS-11 | VY022345.D | 20 May 2025 16:09 | vial-A | SY/MD | Ok |

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**Instrument ID:** MSVOA_Y

## Daily Analysis Runlog For Sequence/QCBatch ID # VY052025

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/21/2025 3:43:30 PM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/23/2025 2:22:55 AM | | |
| SubDirectory | VY052025 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133969 |
| Initial Calibration Stds | |
| CCC | VP133970,VP133971 |
| Internal Standard/PEM | VP133934 |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q2084-02 | OR-640-VOC-66 | VY022346.D | 20 May 2025 16:32 | vial-A | SY/MD | Ok |
| 20 | Q2032-01 | TP-11 | VY022347.D | 20 May 2025 16:56 | vial-A Surrogate fail;Need MeOH | SY/MD | Dilution |
| 21 | Q2032-05MS | TP-24MS | VY022348.D | 20 May 2025 17:19 | vial-B | SY/MD | Ok,M |
| 22 | Q2032-06MSD | TP-24MSD | VY022349.D | 20 May 2025 17:41 | vial-B Internal standard fail | SY/MD | ReRun |
| 23 | Q2075-04MS | SS-11MS | VY022350.D | 20 May 2025 18:04 | vial-A | SY/MD | Ok,M |
| 24 | Q2075-05MSD | SS-11MSD | VY022351.D | 20 May 2025 18:26 | vial-A | SY/MD | Ok,M |
| 25 | VSTDCCC050 | VSTDCCC050EC | VY022352.D | 20 May 2025 19:34 | ENDCCC failed for com.#06 | SY/MD | Ok,M |

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**Instrument ID:** MSVOA_Y

## Daily Analysis Runlog For Sequence/QCBatch ID # VY052125

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/22/2025 8:21:53 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/22/2025 8:26:36 AM | | |
| SubDirectory | VY052125 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133975 |
| Initial Calibration Stds | |
| CCC | VP133976,VP133977 |
| Internal Standard/PEM | VP133934 |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr # | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | BFB | BFB | VY022353.D | 21 May 2025 09:02 | | SY/MD | Ok |
| 2 | VSTDCCC050 | VSTDCCC050 | VY022354.D | 21 May 2025 09:33 | | SY/MD | Ok,M |
| 3 | VY0521SBL01 | VY0521SBL01 | VY022355.D | 21 May 2025 10:05 | | SY/MD | Ok |
| 4 | VY0521SBS01 | VY0521SBS01 | VY022356.D | 21 May 2025 10:35 | | SY/MD | Ok,M |
| 5 | VY0521SBSD01 | VY0521SBSD01 | VY022357.D | 21 May 2025 10:58 | | SY/MD | Ok,M |
| 6 | Q2056-05 | GVD15 | VY022358.D | 21 May 2025 11:37 | vial-B | SY/MD | Ok |
| 7 | Q2071-11 | L1-WC-9-VOC | VY022359.D | 21 May 2025 12:00 | Already Analyzed | SY/MD | Not Ok |
| 8 | Q2097-01 | ETGI-357 | VY022360.D | 21 May 2025 12:24 | vial-A | SY/MD | Ok |
| 9 | Q2097-03 | RBR200044 | VY022361.D | 21 May 2025 12:47 | vial-A | SY/MD | Ok |
| 10 | Q2097-05 | RBR251675 | VY022362.D | 21 May 2025 13:11 | vial-A | SY/MD | Ok |
| 11 | Q2097-07 | VNJ-244 | VY022363.D | 21 May 2025 13:34 | vial-A | SY/MD | Ok |
| 12 | Q2097-09 | ETGI-290 | VY022364.D | 21 May 2025 13:57 | vial-A | SY/MD | Ok |
| 13 | Q2097-11 | RT3419 | VY022365.D | 21 May 2025 14:21 | vial-A Internal standard fail | SY/MD | ReRun |
| 14 | Q2097-13 | RBR251372 | VY022366.D | 21 May 2025 14:44 | vial-A | SY/MD | Ok |
| 15 | Q2097-15 | 72-12013 | VY022367.D | 21 May 2025 15:08 | vial-A | SY/MD | Ok |
| 16 | Q2097-17 | RT-3888 | VY022368.D | 21 May 2025 15:31 | vial-A | SY/MD | Ok |
| 17 | Q2095-03 | WCS-TP1-VOC | VY022369.D | 21 May 2025 15:55 | vial-A | SY/MD | Ok |
| 18 | Q2095-07 | WCS-TP2-VOC | VY022370.D | 21 May 2025 16:18 | vial-A | SY/MD | Ok |

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**Instrument ID:** MSVOA_Y

## Daily Analysis Runlog For Sequence/QCBatch ID # VY052125

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 5/22/2025 8:21:53 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 5/22/2025 8:26:36 AM | | |
| SubDirectory | VY052125 | HP Acquire Method | MSVOA_Y | HP Processing Method | 82y051525s.m |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133975 |
| Initial Calibration Stds | |
| CCC | VP133976,VP133977 |
| Internal Standard/PEM | VP133934 |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q2093-01 | SOIL-DRUM | VY022371.D | 21 May 2025 16:42 | vial-A | SY/MD | Ok |
| 20 | Q2092-01 | VNJ-202 | VY022372.D | 21 May 2025 17:05 | vial-A | SY/MD | Ok |
| 21 | Q2087-01 | NB-07-05202025 | VY022373.D | 21 May 2025 17:28 | vial-A | SY/MD | Ok |
| 22 | Q2087-03 | NB-08-05202025 | VY022374.D | 21 May 2025 17:52 | vial-A Internal standard fail;Surrogate fail | SY/MD | ReRun |
| 23 | Q2101-03 | TP-1-MHE-VOC | VY022375.D | 21 May 2025 18:15 | vial-A Internal standard fail | SY/MD | ReRun |
| 24 | Q2104-01 | TR-06-052125 | VY022376.D | 21 May 2025 18:39 | vial-A Internal standard fail;Surrogate fail | SY/MD | ReRun |
| 25 | Q2102-01 | LAW-25-0077 | VY022377.D | 21 May 2025 19:02 | vial-A Internal standard fail | SY/MD | ReRun |
| 26 | VIBLK | VIBLK | VY022378.D | 21 May 2025 19:26 | | SY/MD | Ok |

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q2056 | **OrderDate:** | 5/15/2025 1:12:00 PM |
| **Client:** | G Environmental | **Project:** | Dover |
| **Contact:** | Gary Landis | **Location:** | L41,VOA Ref. #2 Soil |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q2056-01** | **GVD11** | **SOIL** | | | **05/15/25** | | | **05/15/25** |
| | | | VOCMS Group1 | 8260D | | | 05/19/25 | |
| **Q2056-02** | **GVD12** | **SOIL** | | | **05/15/25** | | | **05/15/25** |
| | | | VOCMS Group1 | 8260D | | | 05/20/25 | |
| **Q2056-03** | **GVD13** | **SOIL** | | | **05/15/25** | | | **05/15/25** |
| | | | VOCMS Group1 | 8260D | | | 05/20/25 | |
| **Q2056-04** | **GVD14** | **SOIL** | | | **05/15/25** | | | **05/15/25** |
| | | | VOCMS Group1 | 8260D | | | 05/20/25 | |
| **Q2056-05** | **GVD15** | **SOIL** | | | **05/15/25** | | | **05/15/25** |
| | | | VOCMS Group1 | 8260D | | | 05/21/25 | |

# SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2056
COC Number 2047006

6
6.1

**CLIENT INFORMATION** (REPORT TO BE SENT TO:)
COMPANY: G Environmental
ADDRESS: 8 Carriage
CITY Succasunna STATE NJ ZIP: 07876
ATTENTION: Gary
PHONE: FAX:

**CLIENT PROJECT INFORMATION**
PROJECT NAME ~~GSCP~~ Dover
PROJECT NO.: LOCATION:
PROJECT MANAGER GV
e-mail:
PHONE: FAX:

**CLIENT BILLING INFORMATION**
BILL TO: Environmental PO#:
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

**DATA TURNAROUND INFORMATION**
FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: STANDARD DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

**DATA DELIVERABLE INFORMATION**
☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) X NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other SRS Excel
X EDD FORMAT hazsite NIDEP

**ANALYSIS**
TCL VOCs TAL Metals

| ALLIANCE SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # OF BOTTLES | PRESERVATIVES 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Terralones | | | | | | | | | | | | | | | ← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER |
| 1. | GVD11 | Soil | | X | 5/15/25 | 1100 | 4 | X | | | | | | | | | |
| 2. | GVD12 | | | | | 1120 | | | | | | | | | | | |
| 3. | GVD13 | | | | | 1140 | | | | | | | | | | | |
| 4. | GVD14 | | | | | 1205 | | | | | | | | | | | |
| 5. | GVD15 | Soil | | X | 5/15/25 | 1215 | 4 | X | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | |

**SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY**

| RELINQUISHED BY SAMPLER: | DATE/TIME: | RECEIVED BY: |
|---|---|---|
| 1. | 5/15/25 1309 | 1. |
| 2. | | 2. |
| 3. | | 3. |

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.3 °C
Comments: JP Cert #1

Page _____ of
CLIENT: ☐ Hand Delivered ☐ Other
Shipment Complete ☐ YES ☐ NO


WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Laboratory Certification

| Certified By | License No. |
|---|---|
| CAS EPA CLP Contract | 68HERH20D0011 |
| Connecticut | PH-0830 |
| DOD ELAP (ANAB) | L2219 |
| Maine | 2024021 |
| Maryland | 296 |
| New Hampshire | 255424 Rev 1 |
| New Jersey | 20012 |
| New York | 11376 |
| Pennsylvania | 68-00548 |
| Soil Permit | 525-24-234-08441 |
| Texas | T104704488 |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922



# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q2056 GENV01
**Client Name :** G Environmental
**Client Contact :** Gary Landis
**Invoice Name :** G Environmental
**Invoice Contact :** Gary Landis

**Order Date :** 5/15/2025 1:12:00 PM
**Project Name :** Dover
**Receive DateTime :** 5/15/2025 1:09:00 PM
**Purchase Order :**

**Project Mgr :**
**Report Type :** NJ Reduced
**EDD Type :** Excel NJ
**Hard Copy Date :**
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| Q2056-01 | GVD11 | Solid | 05/15/2025 | 11:00 | | | | | |
| | | | | | VOCMS Group1 | | 8260D | | 10 Bus. Days |
| Q2056-02 | GVD12 | Solid | 05/15/2025 | 11:20 | | | | | |
| | | | | | VOCMS Group1 | | 8260D | | 10 Bus. Days |
| Q2056-03 | GVD13 | Solid | 05/15/2025 | 11:40 | | | | | |
| | | | | | VOCMS Group1 | | 8260D | | 10 Bus. Days |
| Q2056-04 | GVD14 | Solid | 05/15/2025 | 12:05 | | | | | |
| | | | | | VOCMS Group1 | | 8260D | | 10 Bus. Days |
| Q2056-05 | GVD15 | Solid | 05/15/2025 | 12:15 | | | | | |
| | | | | | VOCMS Group1 | | 8260D | | 10 Bus. Days |

**Relinguished By :** AP
**Date / Time :** 5/15/25 1400

**Received By :** JC
**Date / Time :** 5/15/25 1400

**Storage Area :** VOA Refridgerator Room