

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020524\  
 Data File : VW027956.D  
 Acq On : 05 Feb 2024 16:07  
 Operator : SY/MD  
 Sample : P1352-01  
 Misc : 5.09g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Feb 06 04:08:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM020524SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Feb 06 04:06:06 2024  
 Response via : Initial Calibration

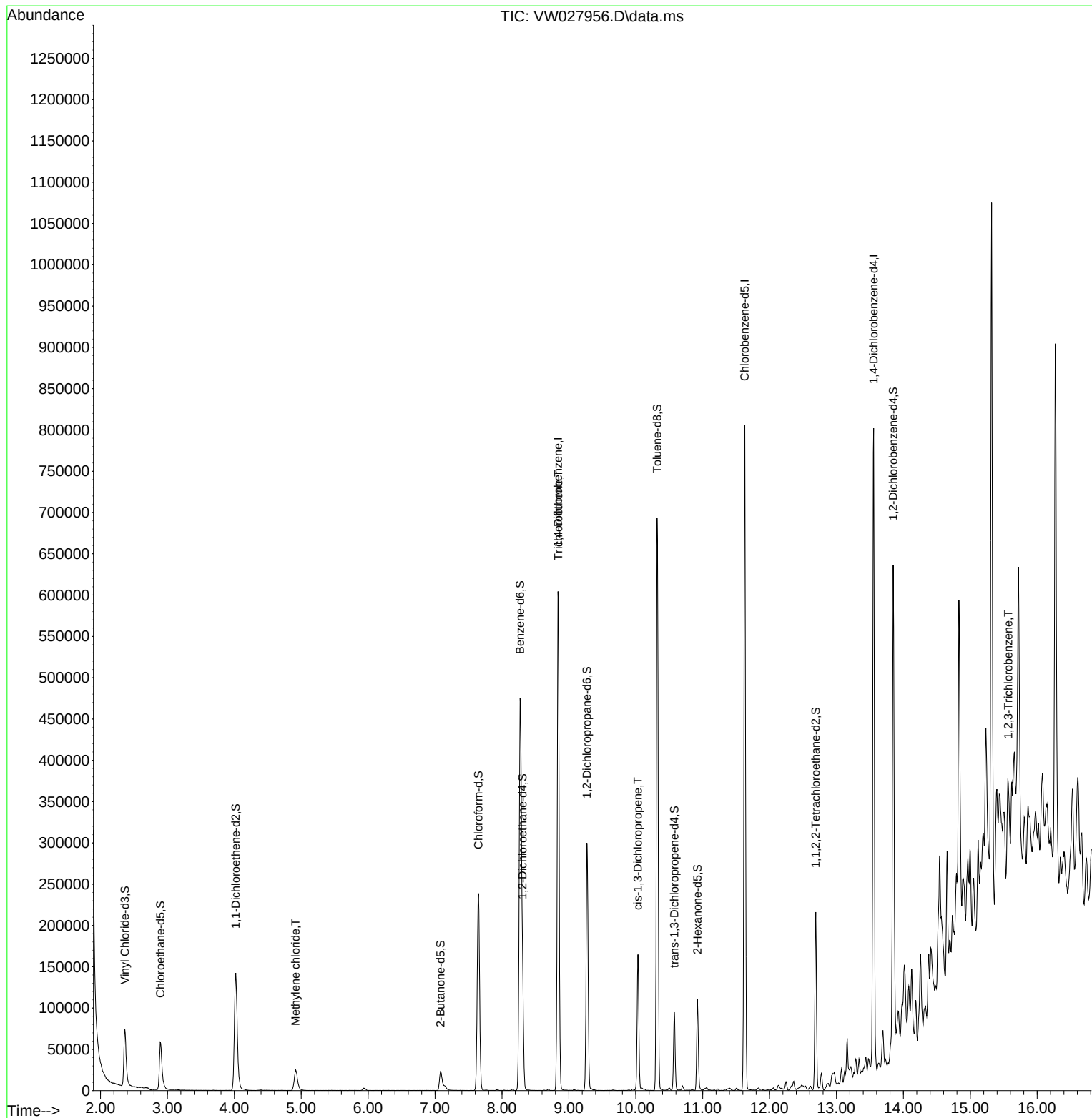
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 559000   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 482391   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 226523   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 107919   | 16.483   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.920%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 90265    | 18.177   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 72.720%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 49566    | 17.693   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 70.760%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 39479    | 38.808   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 77.620%  |
| 24) Chloroform-d              | 7.648  | 84    | 256567   | 19.629   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 78.520%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 114045   | 19.319   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 77.280%  |
| 32) Benzene-d6                | 8.270  | 84    | 536304   | 20.780   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 83.120%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 147780   | 21.118   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 84.480%  |
| 41) Toluene-d8                | 10.319 | 98    | 502548   | 20.351   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 81.400%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 56323    | 19.571   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 78.280%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 39710    | 41.719   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 83.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 106012   | 20.269   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 81.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 157004   | 20.392   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 81.560%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.917  | 84    | 23271    | 3.331    | ug/L   | 99       |
| 34) Trichloroethene           | 8.843  | 95    | 15275    | 2.208    | ug/L # | 4        |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 4135     | 0.456    | ug/L # | 76       |
| 72) 1,2,3-Trichlorobenzene    | 15.568 | 180   | 1986     | 0.316    | ug/L # | 33       |
| -----                         |        |       |          |          |        |          |

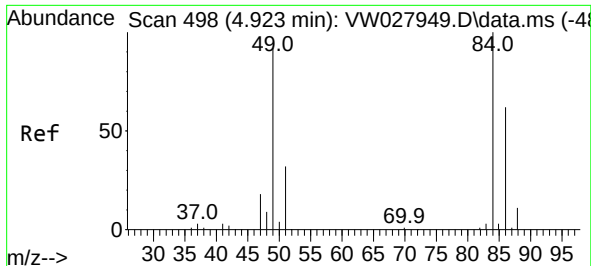
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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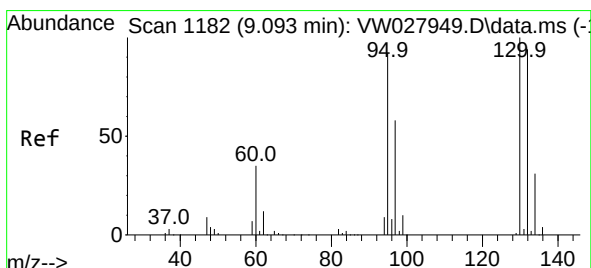
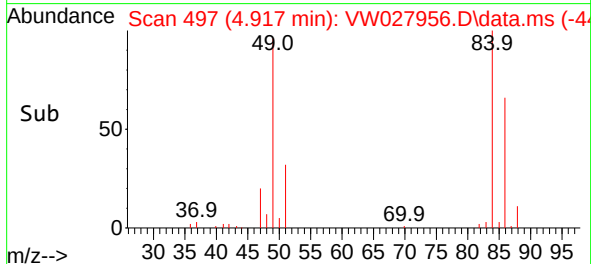
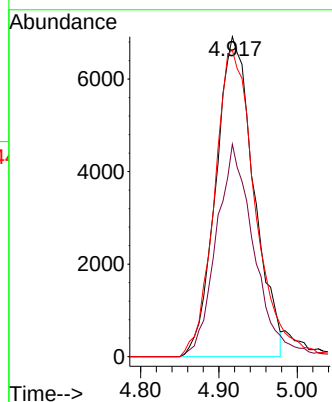
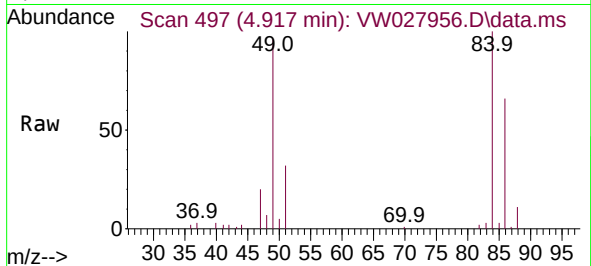




#16  
Methylene chloride  
Concen: 3.331 ug/L  
RT: 4.917 min Scan# 49  
Delta R.T. -0.006 min  
Lab File: VW027956.D  
Acq: 05 Feb 2024 16:07

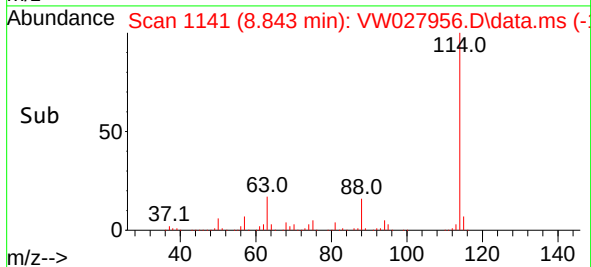
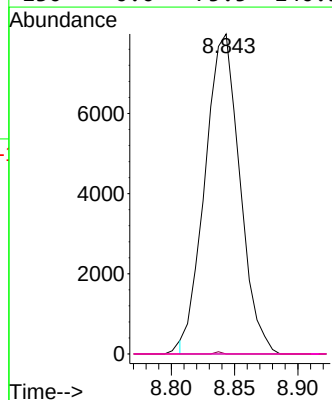
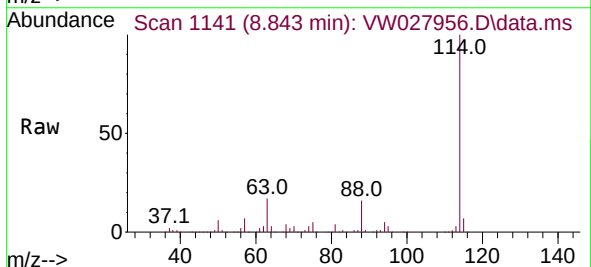
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MSVOA\_W  
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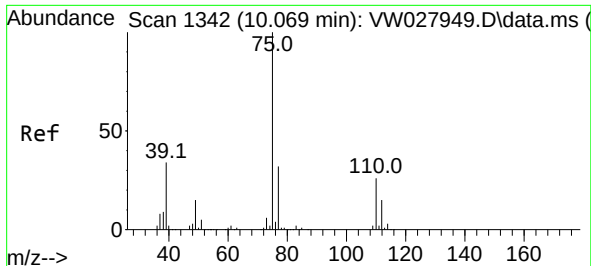
Tgt Ion: 84 Resp: 23271  
Ion Ratio Lower Upper  
84 100  
86 66.4 45.4 84.4  
49 95.8 66.3 123.1



#34  
Trichloroethene  
Concen: 2.208 ug/L  
RT: 8.843 min Scan# 1141  
Delta R.T. -0.250 min  
Lab File: VW027956.D  
Acq: 05 Feb 2024 16:07

Tgt Ion: 95 Resp: 15275  
Ion Ratio Lower Upper  
95 100  
97 0.0 44.3 82.3#  
132 0.0 68.0 126.2#  
130 0.0 75.5 140.3#





#39

cis-1,3-Dichloropropene

Concen: 0.456 ug/L

RT: 10.032 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW027956.D

Acq: 05 Feb 2024 16:07

Instrument :

MSVOA\_W

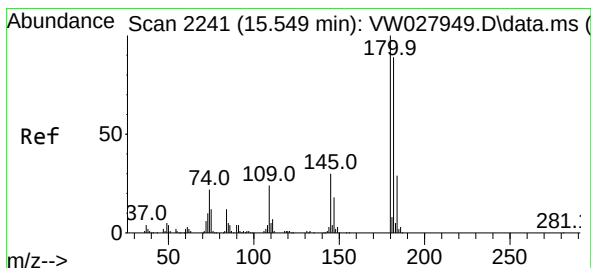
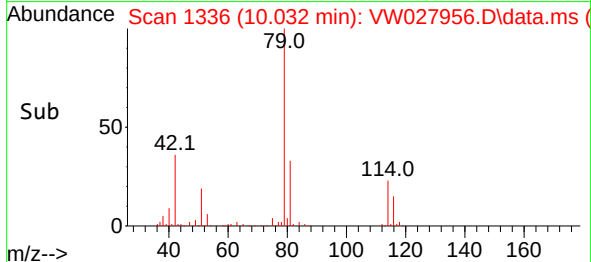
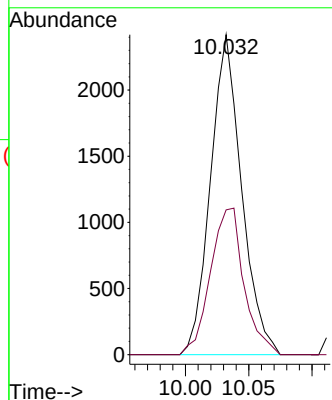
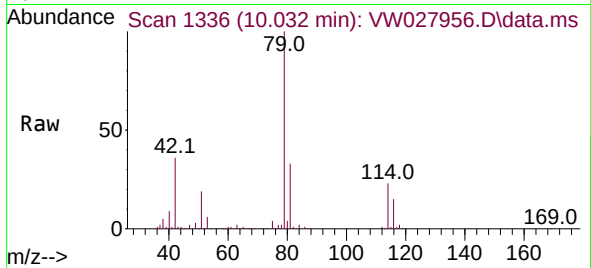
ClientSampleId :

Tgt Ion: 75 Resp: 4135

Ion Ratio Lower Upper

75 100

77 45.2 22.4 41.6#



#72

1,2,3-Trichlorobenzene

Concen: 0.316 ug/L

RT: 15.568 min Scan# 2244

Delta R.T. 0.018 min

Lab File: VW027956.D

Acq: 05 Feb 2024 16:07

Tgt Ion:180 Resp: 1986

Ion Ratio Lower Upper

180 100

182 27.3 76.5 114.7#

145 0.0 25.8 38.8#

