

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW010622\  
 Data File : VW021761.D  
 Acq On : 06 Jan 2022 16:44  
 Operator : SY/VA  
 Sample : N1025-01  
 Misc : 5.87g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLG5

Quant Time: Jan 07 00:22:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM122821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jan 04 00:22:49 2022  
 Response via : Initial Calibration

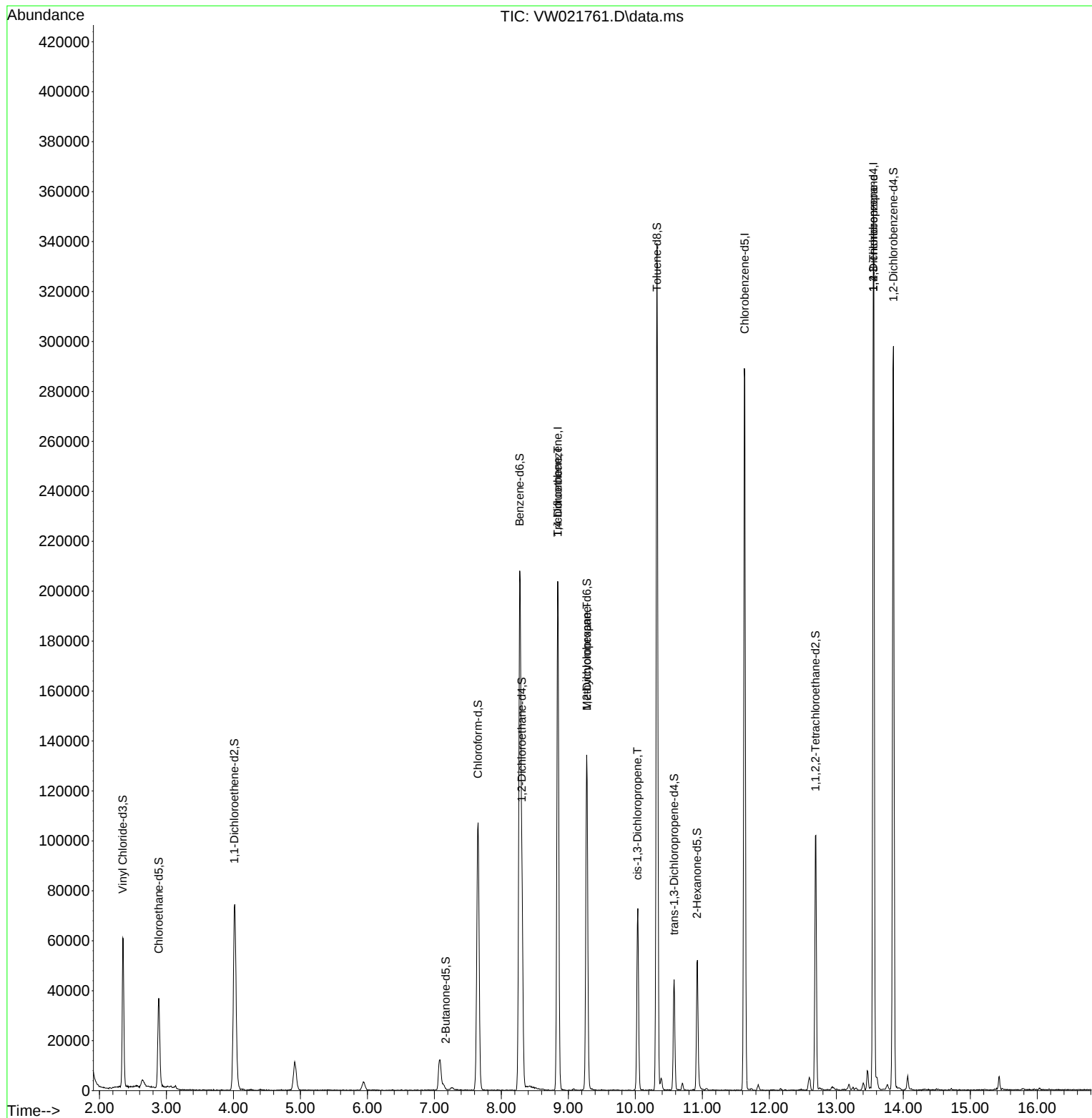
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 182779   | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 171148   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 97265    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 57252    | 15.887   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 63.560%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 39925    | 16.449   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.800%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 69161    | 13.114   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 52.440%  |
| 21) 2-Butanone-d5             | 7.171  | 46    | 103      | 0.195    | ug/L   | 0.10     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 0.400%#  |
| 24) Chloroform-d              | 7.653  | 84    | 110010   | 19.268   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 77.080%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 57078    | 18.932   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 75.720%  |
| 32) Benzene-d6                | 8.275  | 84    | 221599   | 21.806   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 87.240%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 59950    | 21.746   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 87.000%  |
| 41) Toluene-d8                | 10.323 | 98    | 222971   | 22.021   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 88.080%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 24040    | 17.921   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 71.680%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 18104    | 43.301   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 86.600%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 48058    | 21.145   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 84.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 83514    | 22.453   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 89.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 8.842  | 95    | 5346     | 1.803    | ug/L # | 5        |
| 35) Methylcyclohexane         | 9.274  | 83    | 16687    | 3.412    | ug/L # | 15       |
| 39) cis-1,3-Dichloropropene   | 10.030 | 75    | 2131     | 0.564    | ug/L # | 75       |
| 61) 1,2,3-Trichloropropane    | 13.554 | 75    | 10002    | 6.720    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

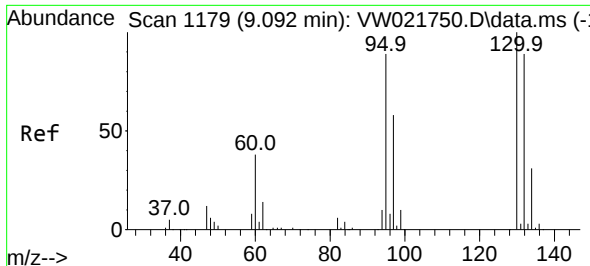
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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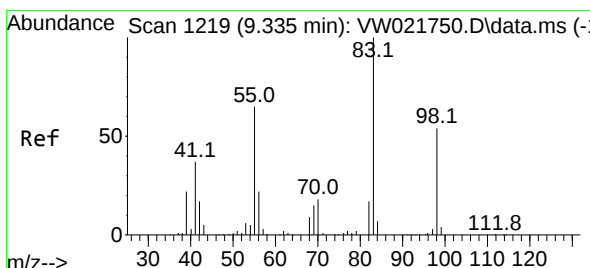
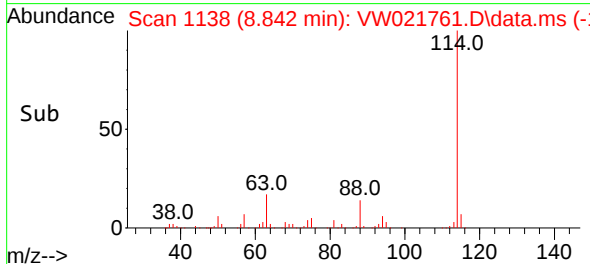
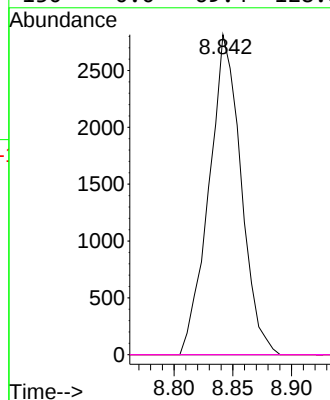
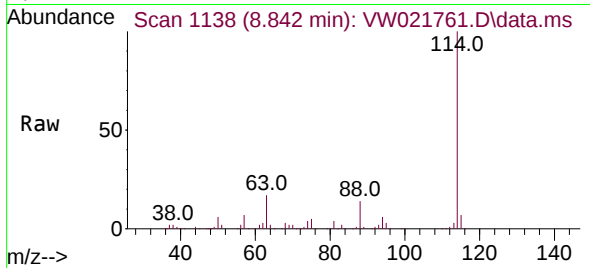




#34  
Trichloroethene  
Concen: 1.803 ug/L  
RT: 8.842 min Scan# 1179  
Delta R.T. -0.250 min  
Lab File: VW021761.D  
Acq: 06 Jan 2022 16:44

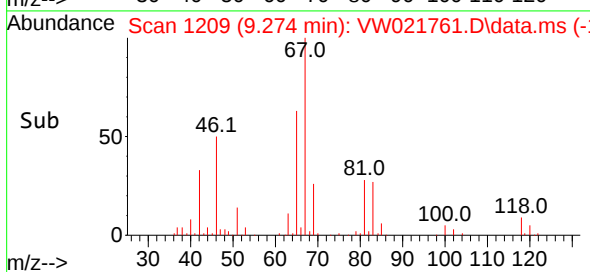
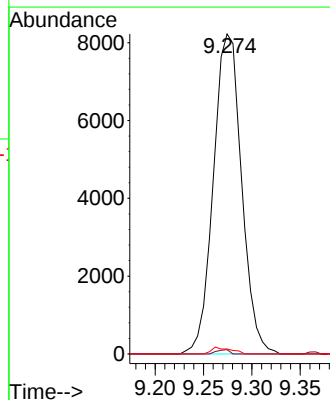
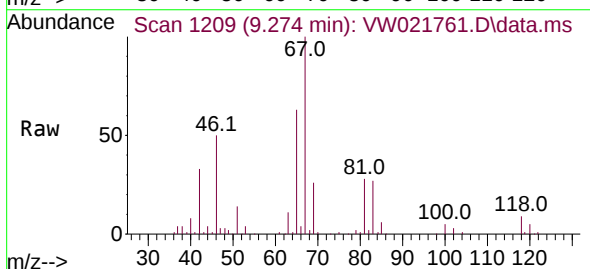
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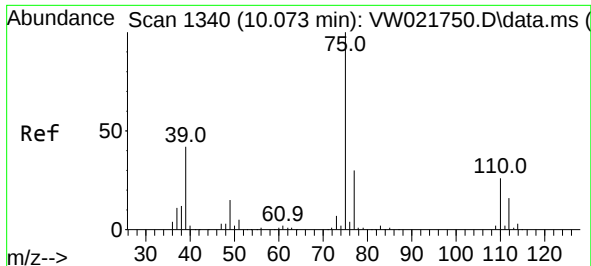
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 5346   |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 47.0  | 87.2#  |
| 132      | 0.0   | 65.5  | 121.6# |
| 130      | 0.0   | 69.4  | 128.8# |



#35  
Methylcyclohexane  
Concen: 3.412 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.061 min  
Lab File: VW021761.D  
Acq: 06 Jan 2022 16:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 16687  |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 0.6   | 70.8  | 106.2# |
| 98       | 1.4   | 37.7  | 56.5#  |





#39

cis-1,3-Dichloropropene

Concen: 0.564 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021761.D

Acq: 06 Jan 2022 16:44

Instrument :

MSVOA\_W

ClientSampleId :

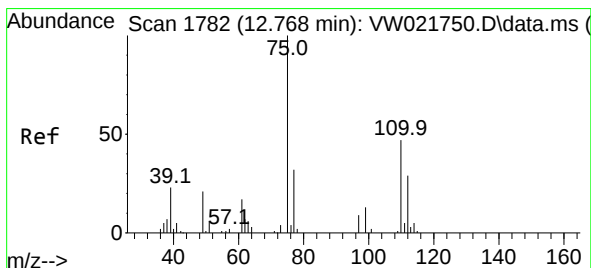
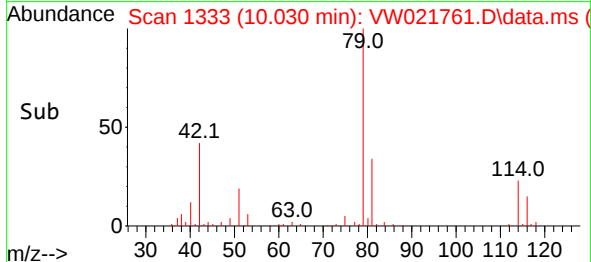
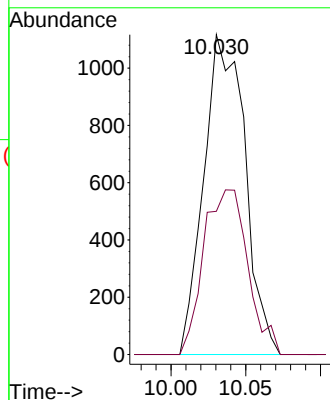
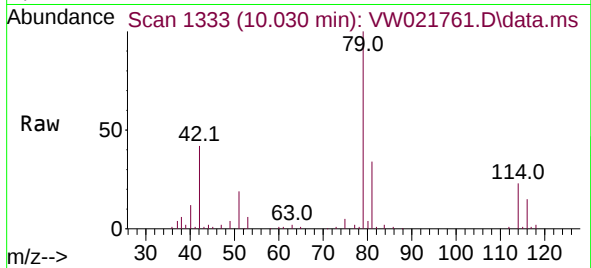
BGLG5

Tgt Ion: 75 Resp: 2131

Ion Ratio Lower Upper

75 100

77 44.8 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 6.720 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021761.D

Acq: 06 Jan 2022 16:44

Tgt Ion: 75 Resp: 10002

Ion Ratio Lower Upper

75 100

77 38.3 25.8 38.8

110 2.7 29.0 43.4#

