

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW070224\  
 Data File : VW029439.D  
 Acq On : 02 Jul 2024 13:07  
 Operator : SY/MD  
 Sample : P3125-04  
 Misc : 5.01g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 03 05:42:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 03 05:41:51 2024  
 Response via : Initial Calibration

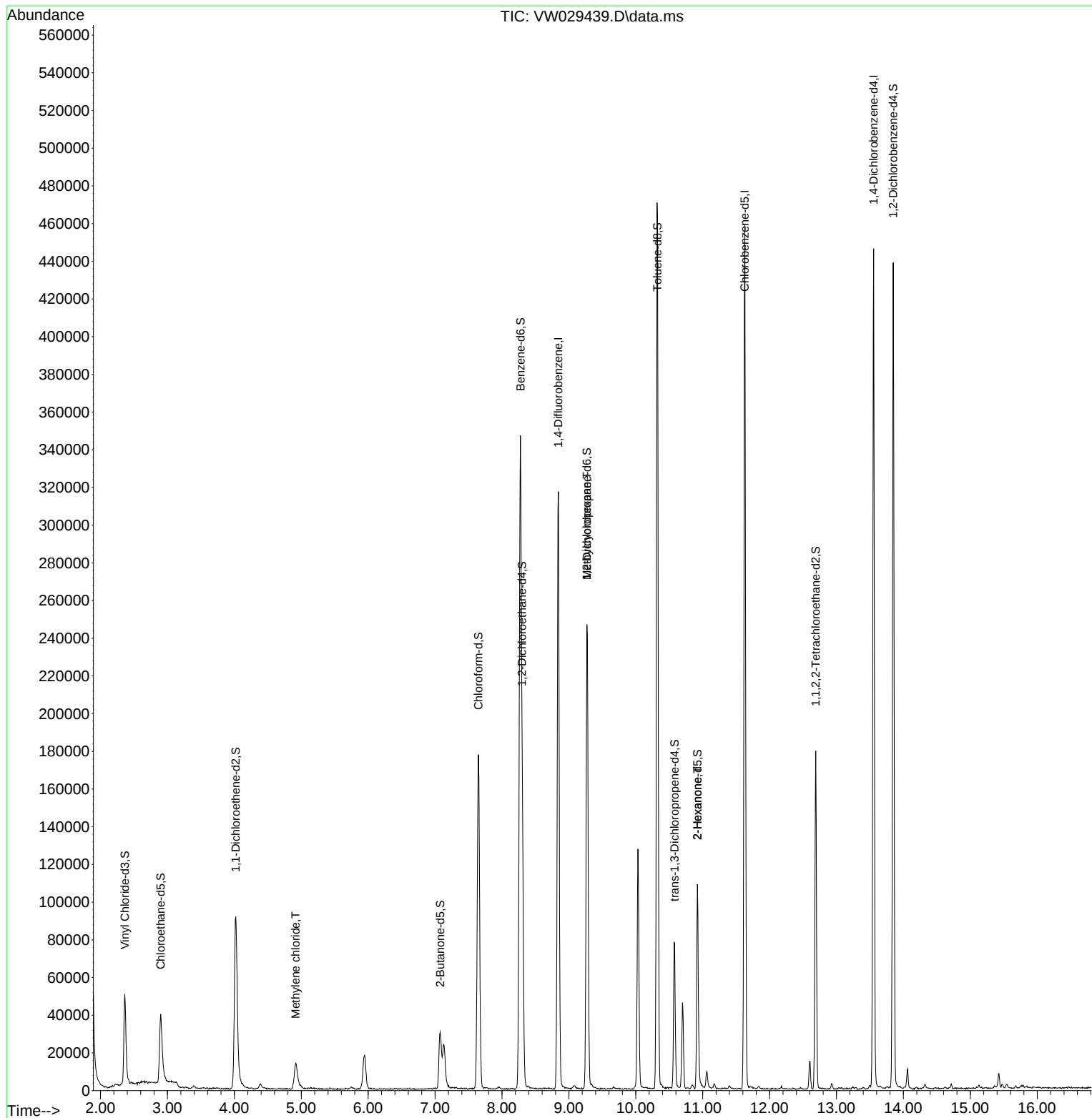
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 252836   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 232052   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 105172   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 65339    | 18.671   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.680%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 57310    | 19.393   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 77.560%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 34548    | 20.446   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 81.800%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 54582    | 52.132   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 104.260% |
| 24) Chloroform-d              | 7.648  | 84    | 178379   | 23.651   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 94.600%  |
| 26) 1,2-Dichloroethane-d4     | 8.301  | 65    | 104622   | 24.160   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 96.640%  |
| 32) Benzene-d6                | 8.276  | 84    | 337315   | 23.932   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 95.720%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 113970   | 25.437   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 101.760% |
| 41) Toluene-d8                | 10.325 | 98    | 300706   | 24.114   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 96.440%  |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 42515    | 23.547   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 94.200%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 34482    | 49.094   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 98.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 88168    | 24.725   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 98.880%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 102228   | 28.003   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 112.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 4.917  | 84    | 10600    | 2.384    | ug/L   | 91       |
| 35) Methylcyclohexane         | 9.270  | 83    | 26567    | 4.541    | ug/L # | 16       |
| 48) 2-Hexanone                | 10.922 | 43    | 5108     | 2.964    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

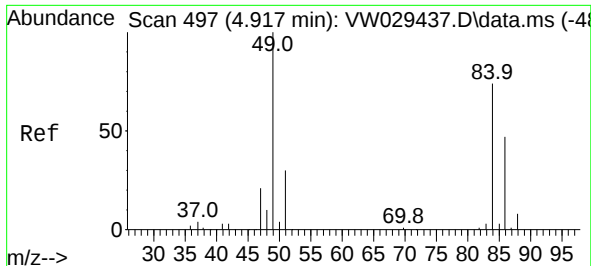
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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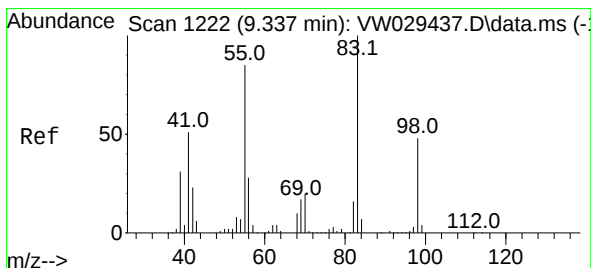
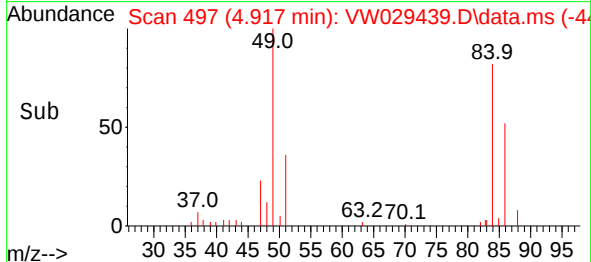
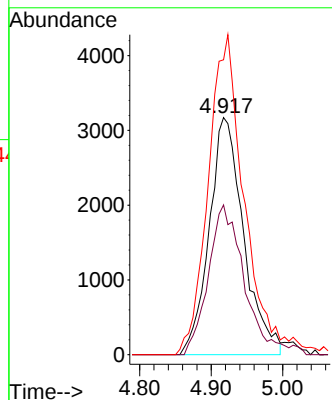
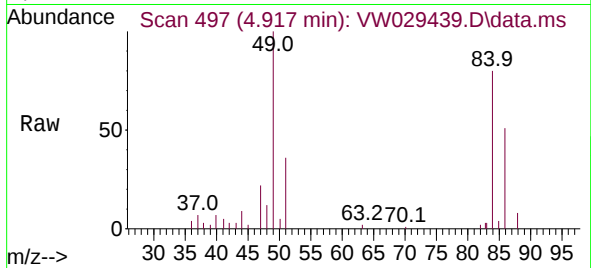




#16  
Methylene chloride  
Concen: 2.384 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. 0.000 min  
Lab File: VW029439.D  
Acq: 02 Jul 2024 13:07

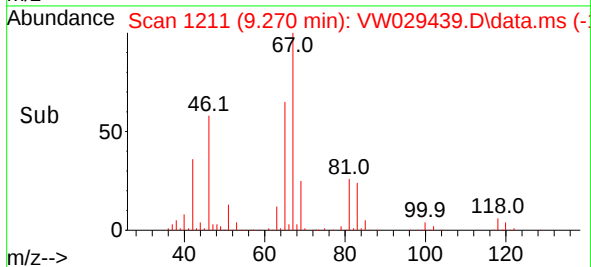
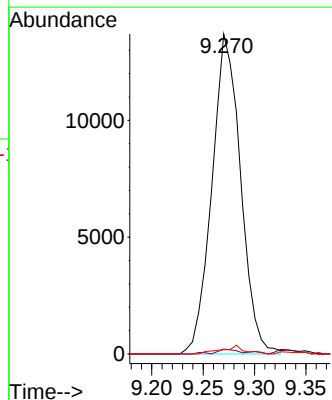
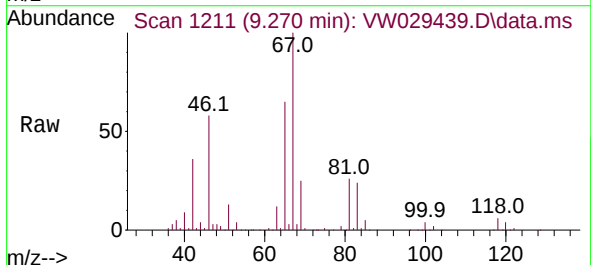
Instrument :  
MSVOA\_W  
ClientSampleId :

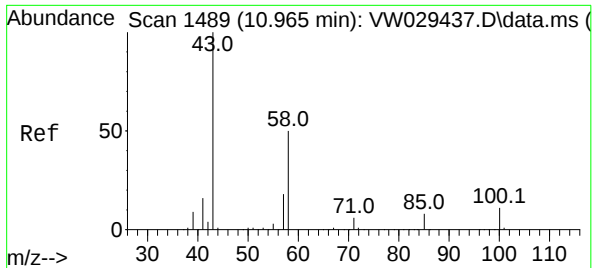
Tgt Ion: 84 Resp: 10600  
Ion Ratio Lower Upper  
84 100  
86 63.1 41.4 77.0  
49 124.4 95.7 177.7



#35  
Methylcyclohexane  
Concen: 4.541 ug/L  
RT: 9.270 min Scan# 1211  
Delta R.T. -0.067 min  
Lab File: VW029439.D  
Acq: 02 Jul 2024 13:07

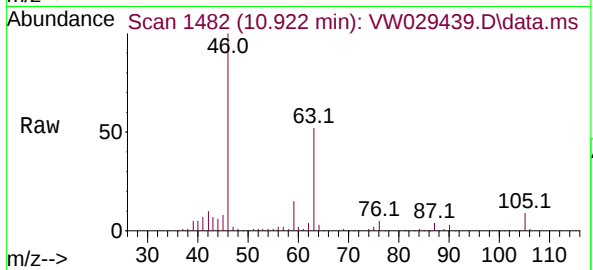
Tgt Ion: 83 Resp: 26567  
Ion Ratio Lower Upper  
83 100  
55 0.9 69.5 104.3#  
98 1.9 38.0 57.0#





#48  
 2-Hexanone  
 Concen: 2.964 ug/L  
 RT: 10.922 min Scan# 14  
 Delta R.T. -0.043 min  
 Lab File: VW029439.D  
 Acq: 02 Jul 2024 13:07

Instrument :  
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|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 5108      |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 25.5 39.6 59.4# |
| 57          | 31.6 14.6 21.8# |
| 100         | 1.8 8.2 12.2#   |

