

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072324\  
 Data File : VW029697.D  
 Acq On : 23 Jul 2024 11:21  
 Operator : SY/MD  
 Sample : VW0723SBL01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 24 01:13:50 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 24 01:12:32 2024  
 Response via : Initial Calibration

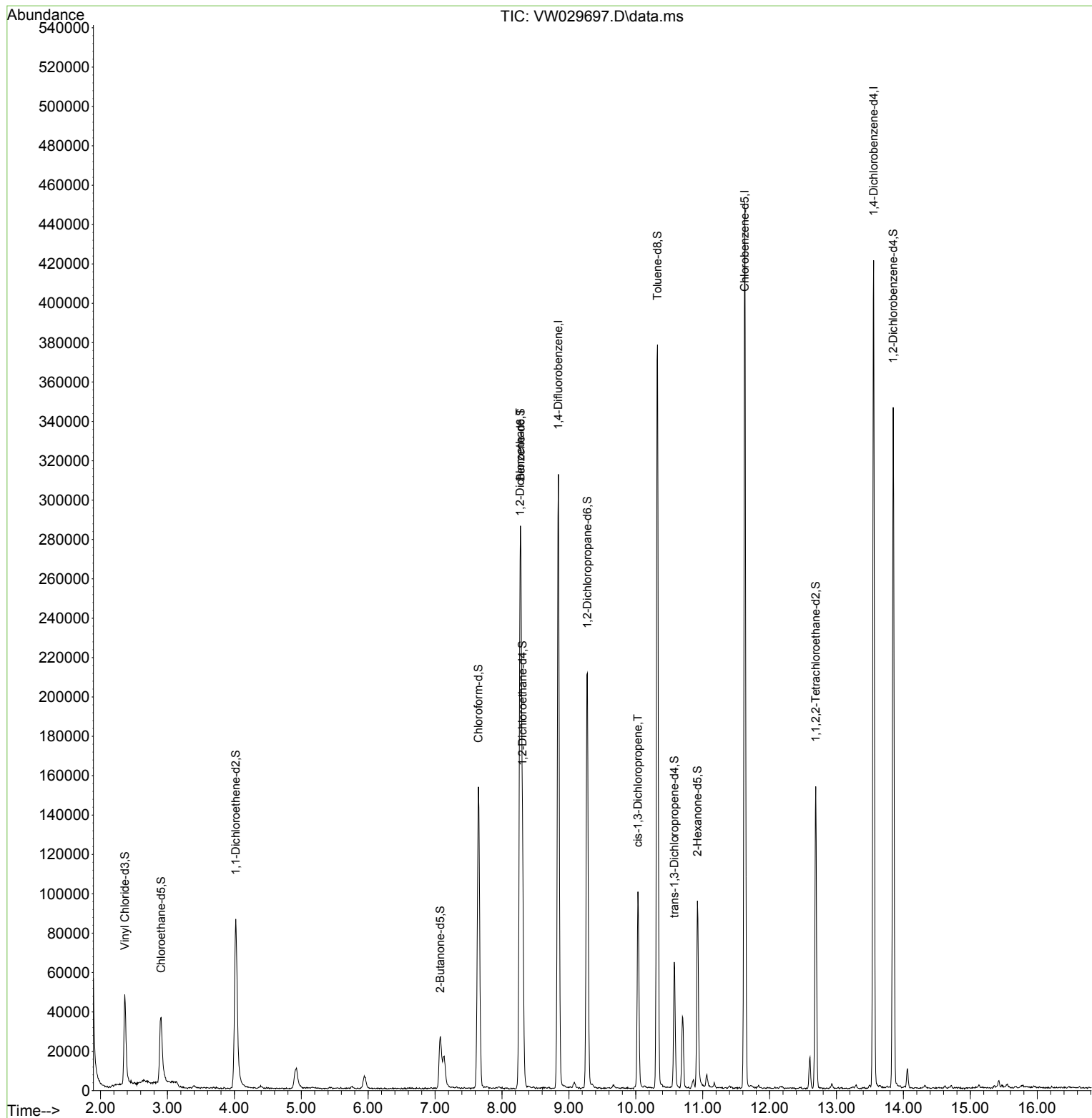
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 230089   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 224866   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 96293    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 61706    | 16.601   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 66.400%  |
| 7) Chloroethane-d5            | 2.905  | 69    | 53394    | 19.950   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 79.800%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 31277    | 18.739   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 74.960%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 45411    | 40.699   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 81.400%  |
| 24) Chloroform-d              | 7.648  | 84    | 149344   | 22.452   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.800%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 91177    | 23.370   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 93.480%  |
| 32) Benzene-d6                | 8.276  | 84    | 276360   | 20.516   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 82.080%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 95028    | 22.063   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 88.240%  |
| 41) Toluene-d8                | 10.325 | 98    | 241135   | 20.354   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 81.400%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 33735    | 18.496   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 74.000%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 29576    | 37.790   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 75.580%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 75068    | 21.467   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 85.880%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 79819    | 23.802   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 27) 1,2-Dichloroethane        | 8.270  | 62    | 2112     | 0.447    | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 2769     | 0.474    | ug/L   | 85       |
| -----                         |        |       |          |          |        |          |

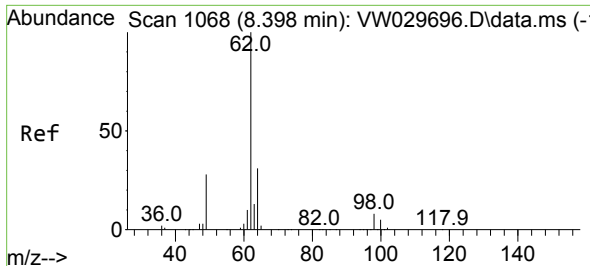
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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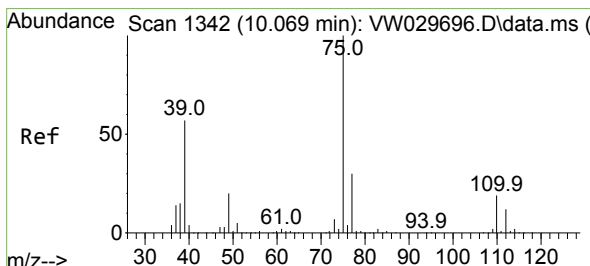
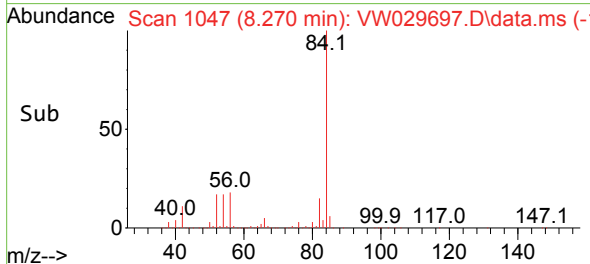
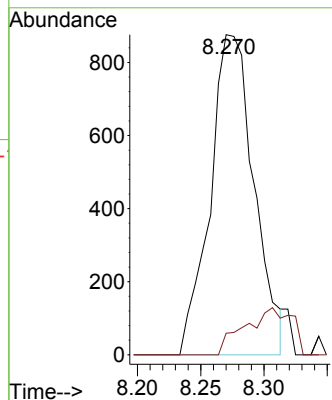
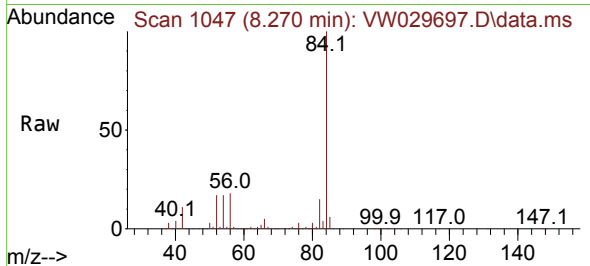




#27  
1,2-Dichloroethane  
Concen: 0.447 ug/L  
RT: 8.270 min Scan# 1047  
Delta R.T. -0.128 min  
Lab File: VW029697.D  
Acq: 23 Jul 2024 11:21

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 62 Resp: 2112  
Ion Ratio Lower Upper  
62 100  
98 6.7 6.0 9.0



#39  
cis-1,3-Dichloropropene  
Concen: 0.474 ug/L  
RT: 10.032 min Scan# 1336  
Delta R.T. -0.037 min  
Lab File: VW029697.D  
Acq: 23 Jul 2024 11:21

Tgt Ion: 75 Resp: 2769  
Ion Ratio Lower Upper  
75 100  
77 39.8 22.2 41.2

