

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071924\  
 Data File : VW029649.D  
 Acq On : 19 Jul 2024 11:59  
 Operator : SY/MD  
 Sample : P3230-16  
 Misc : 5.06g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 19 23:26:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 19 23:16:32 2024  
 Response via : Initial Calibration

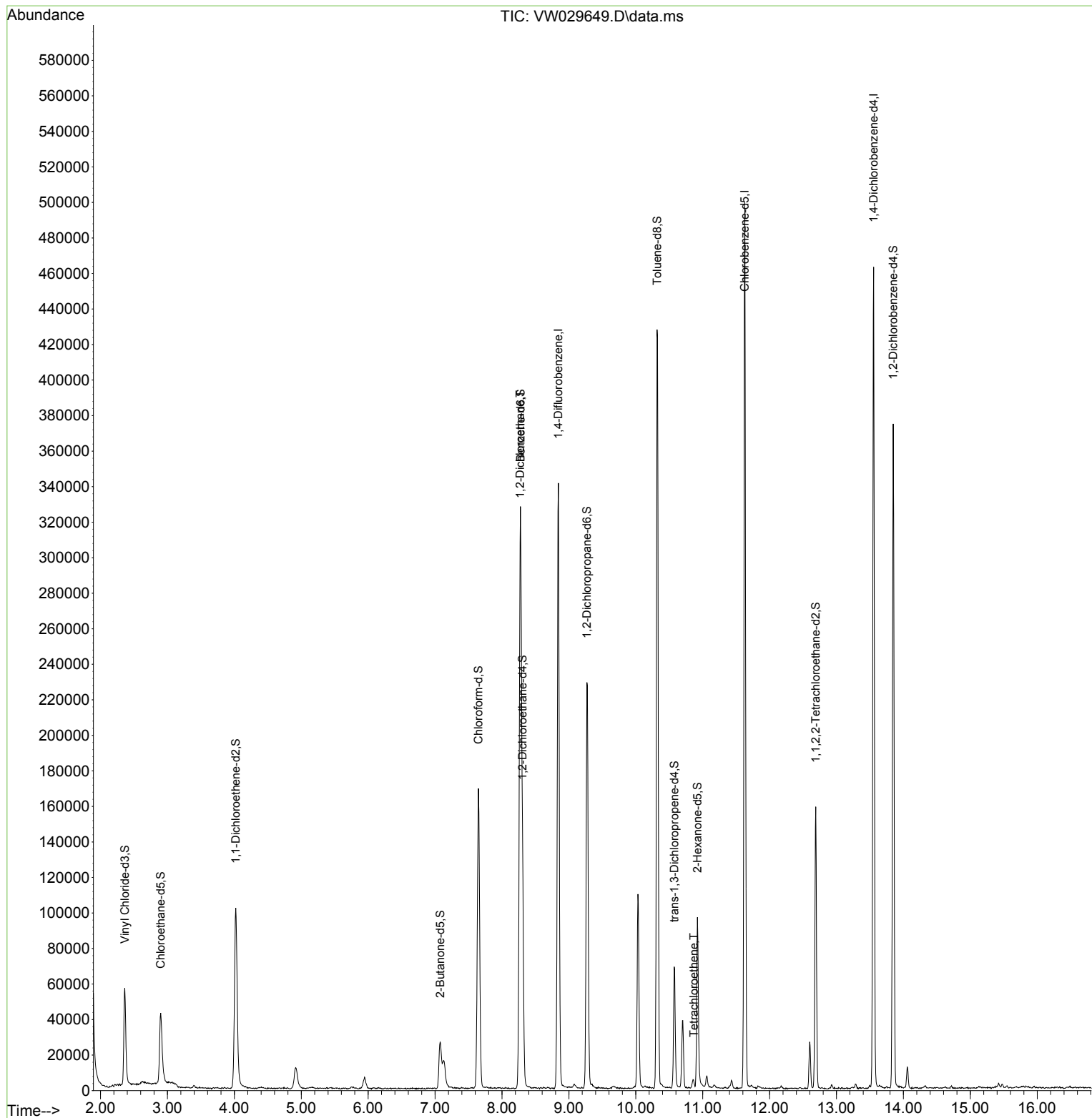
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 258243   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 246537   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 106040   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 68318    | 16.376   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.520%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 58988    | 19.637   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 78.560%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 34514    | 18.424   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 73.680%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 46310    | 36.980   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 73.960%  |
| 24) Chloroform-d              | 7.648  | 84    | 163408   | 21.888   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 87.560%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 97637    | 22.297   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 89.200%  |
| 32) Benzene-d6                | 8.276  | 84    | 312441   | 21.155   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 84.640%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 103329   | 21.882   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 87.520%  |
| 41) Toluene-d8                | 10.319 | 98    | 268823   | 20.697   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 82.800%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 35911    | 17.959   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 71.840%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 30223    | 35.222   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 70.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 76762    | 20.021   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 80.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 87240    | 23.624   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 94.480%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 27) 1,2-Dichloroethane        | 8.270  | 62    | 2301     | 0.434    | ug/L   | 96       |
| 46) Tetrachloroethene         | 10.867 | 164   | 931      | 0.322    | ug/L   | 89       |
| -----                         |        |       |          |          |        |          |

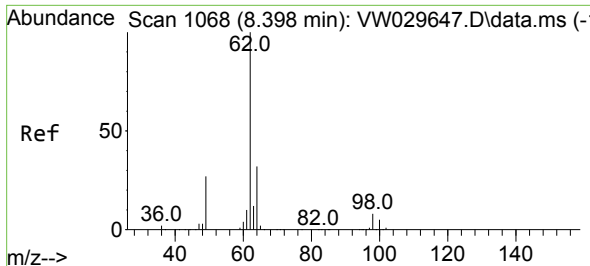
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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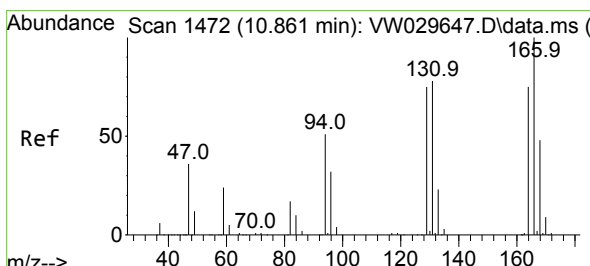
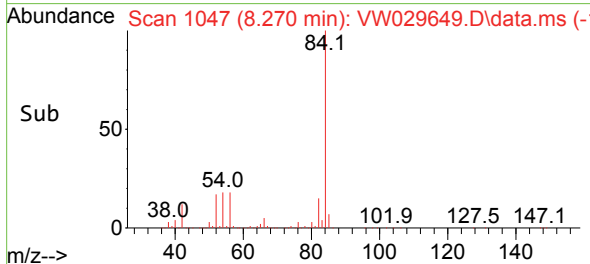
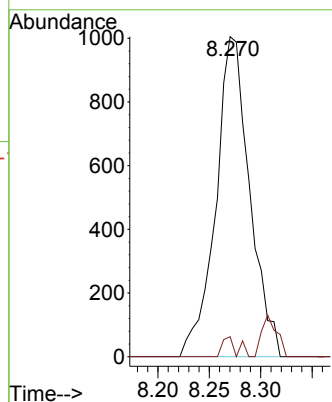
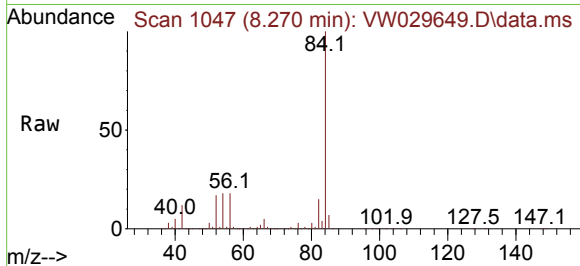




#27  
1,2-Dichloroethane  
Concen: 0.434 ug/L  
RT: 8.270 min Scan# 1047  
Delta R.T. -0.128 min  
Lab File: VW029649.D  
Acq: 19 Jul 2024 11:59

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 62 Resp: 2301  
Ion Ratio Lower Upper  
62 100  
98 6.3 6.0 9.0



#46  
Tetrachloroethene  
Concen: 0.322 ug/L  
RT: 10.867 min Scan# 1473  
Delta R.T. 0.006 min  
Lab File: VW029649.D  
Acq: 19 Jul 2024 11:59

Tgt Ion: 164 Resp: 931  
Ion Ratio Lower Upper  
164 100  
129 85.5 60.0 111.4  
131 79.3 64.6 120.0  
166 97.5 80.4 149.2

