

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040323\  
 Data File : VW025551.D  
 Acq On : 03 Apr 2023 12:40  
 Operator : SY/MD  
 Sample : VW0403SBL01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK478

Quant Time: Apr 04 03:11:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040323SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Apr 04 03:04:42 2023  
 Response via : Initial Calibration

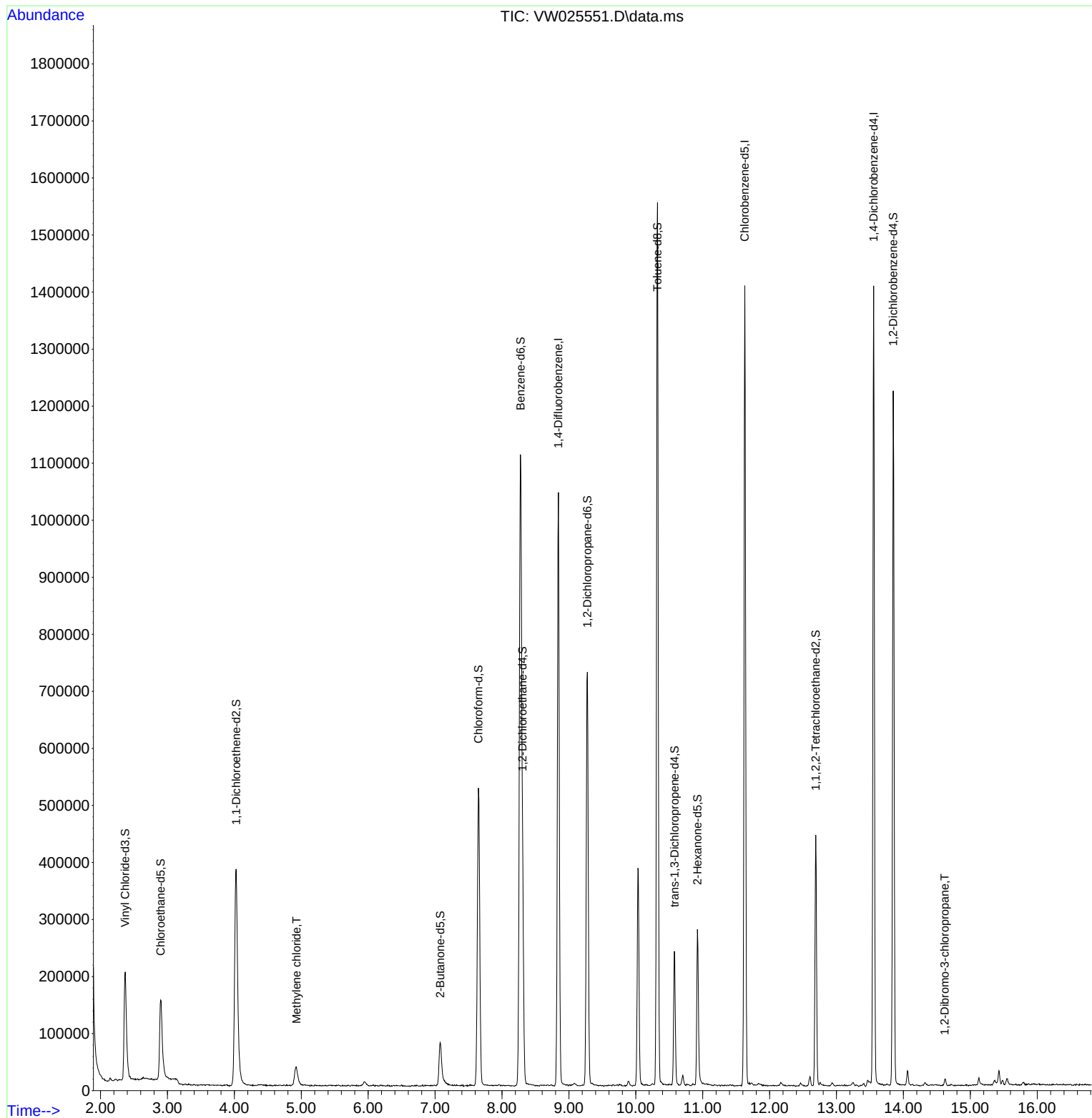
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 819681   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 725582   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 335198   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 298512   | 22.380   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 89.520%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 220591   | 23.228   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 92.920%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 63    | 463337   | 17.177   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 68.720%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 138534   | 46.556   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 93.120%  |
| 24) Chloroform-d              | 7.648  | 84    | 530117   | 23.034   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 92.120%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 284305   | 23.745   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 95.000%  |
| 32) Benzene-d6                | 8.276  | 84    | 1120849  | 23.857   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 95.440%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 348865   | 23.815   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 95.240%  |
| 41) Toluene-d8                | 10.325 | 98    | 985050   | 24.002   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 96.000%  |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 128808   | 23.453   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 93.800%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 91525    | 45.709   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 91.420%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 220705   | 22.322   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 89.280%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 293458   | 25.483   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 101.920% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 4.929  | 84    | 27294    | 2.095    | ug/L   | 91       |
| 68) 1,2-Dibromo-3-chloropr... | 14.617 | 75    | 1400     | 0.919    | ug/L   | # 18     |
| -----                         |        |       |          |          |        |          |

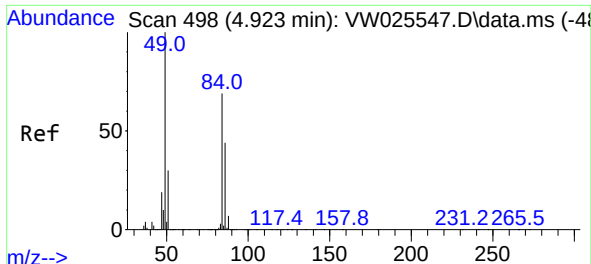
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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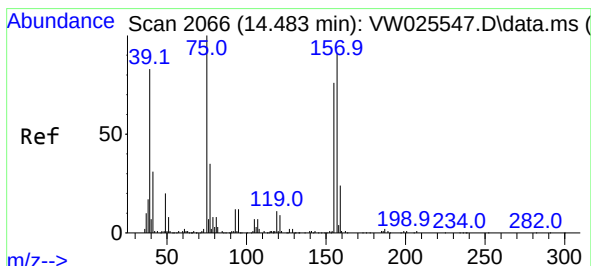
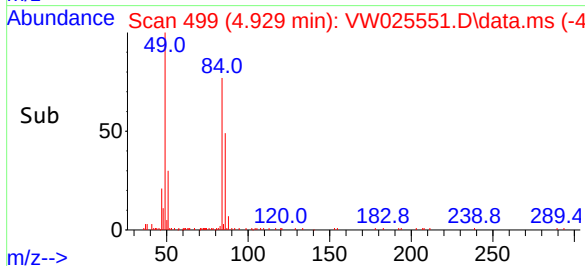
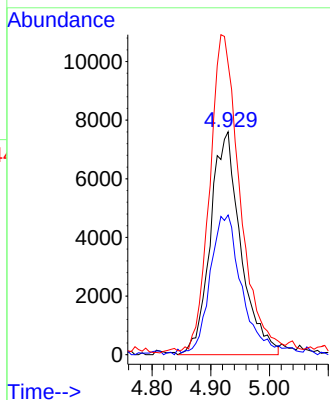
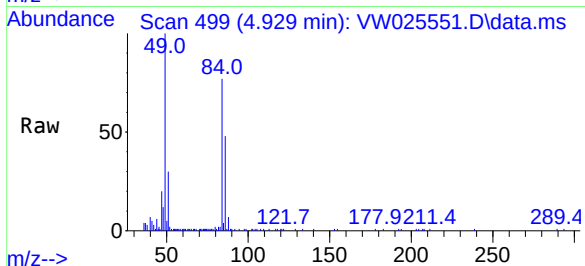




#16  
Methylene chloride  
Concen: 2.095 ug/L  
RT: 4.929 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VW025551.D  
Acq: 03 Apr 2023 12:40

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Tgt Ion: 84 Resp: 27294  
Ion Ratio Lower Upper  
84 100  
86 62.7 44.9 83.3  
49 130.5 101.4 188.4



#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.919 ug/L  
RT: 14.617 min Scan# 2088  
Delta R.T. 0.134 min  
Lab File: VW025551.D  
Acq: 03 Apr 2023 12:40

Tgt Ion: 75 Resp: 1400  
Ion Ratio Lower Upper  
75 100  
155 0.0 61.1 91.7#  
157 17.8 72.8 109.2#

