

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091423\  
 Data File : VW027106.D  
 Acq On : 14 Sep 2023 16:39  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 15 00:16:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 09 02:59:49 2023  
 Response via : Initial Calibration

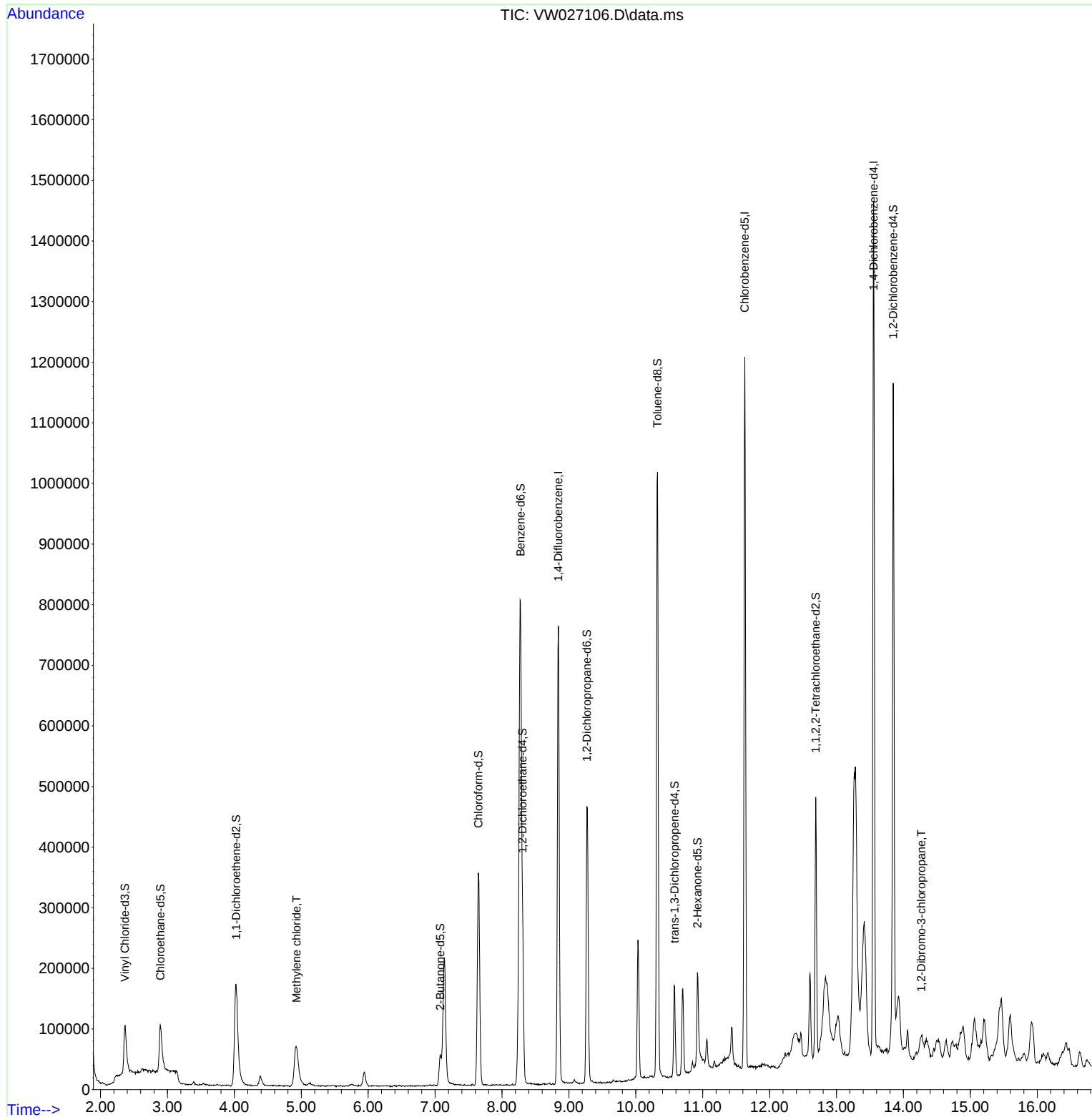
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 675082   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 698619   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 400139   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 149010   | 12.355   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 49.400%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 132633   | 13.626   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 54.520%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 70304    | 15.817   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 63.280%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 87120    | 37.489   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 74.980%  |
| 24) Chloroform-d              | 7.648  | 84    | 378447   | 18.839   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 75.360%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 194386   | 18.410   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 73.640%  |
| 32) Benzene-d6                | 8.276  | 84    | 793712   | 17.321   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 69.280%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 232542   | 17.286   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 69.160%# |
| 41) Toluene-d8                | 10.325 | 98    | 714159   | 17.214   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 68.840%  |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 89575    | 17.158   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 68.640%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 54154    | 43.118   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 86.240%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 221043   | 21.173   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 84.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 290331   | 20.979   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.920%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 4.929  | 84    | 76247    | 5.830    | ug/L   | 89       |
| 68) 1,2-Dibromo-3-chloropr... | 14.269 | 75    | 1544     | 0.889    | ug/L   | # 1      |
| -----                         |        |       |          |          |        |          |

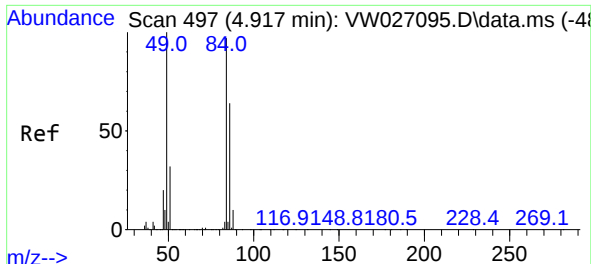
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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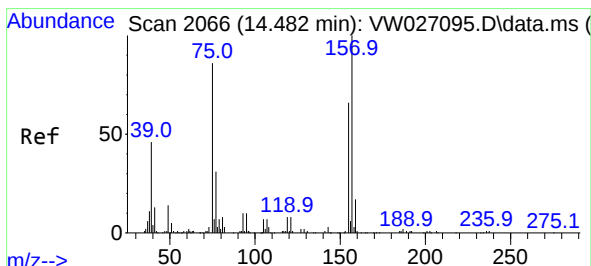
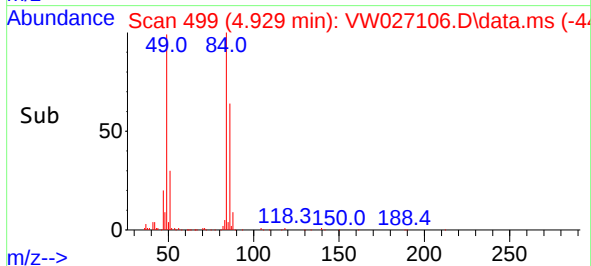
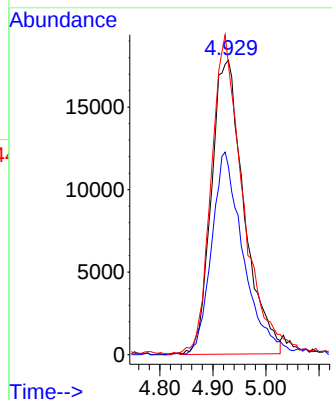
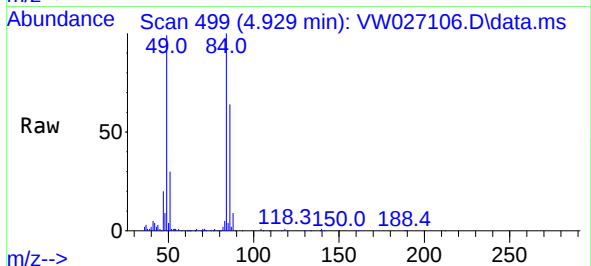




#16  
Methylene chloride  
Concen: 5.830 ug/L  
RT: 4.929 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VW027106.D  
Acq: 14 Sep 2023 16:39

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 84 Resp: 76247  
Ion Ratio Lower Upper  
84 100  
86 64.0 44.1 81.9  
49 98.7 82.1 152.5



#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.889 ug/L  
RT: 14.269 min Scan# 2031  
Delta R.T. -0.214 min  
Lab File: VW027106.D  
Acq: 14 Sep 2023 16:39

Tgt Ion: 75 Resp: 1544  
Ion Ratio Lower Upper  
75 100  
155 238.8 65.9 98.9#  
157 227.2 68.7 103.1#

