

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052324\  
 Data File : VW028710.D  
 Acq On : 23 May 2024 16:18  
 Operator : SY/MD  
 Sample : P2569-04  
 Misc : 4.20g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 24 00:20:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 24 00:17:02 2024  
 Response via : Initial Calibration

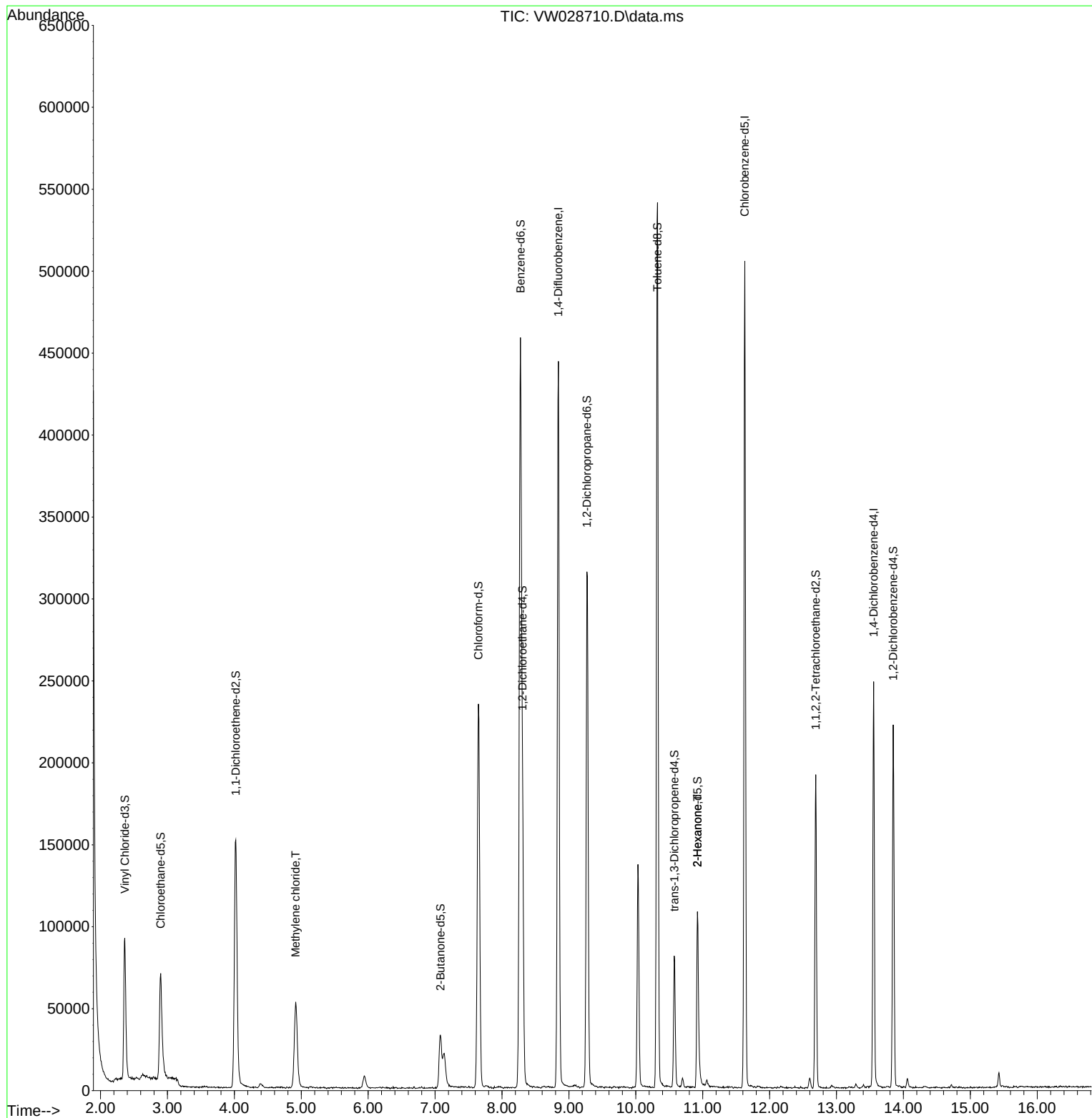
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 355098   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 261954   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 62344    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 114519   | 16.983   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 67.920%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 96272    | 18.646   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.600%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 52251    | 18.547   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 74.200%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 56687    | 32.223   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 64.440%  |
| 24) Chloroform-d              | 7.648  | 84    | 238926   | 21.533   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 86.120%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 131155   | 20.647   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 82.600%  |
| 32) Benzene-d6                | 8.276  | 84    | 460216   | 26.332   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 105.320% |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 146300   | 27.818   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 111.280% |
| 41) Toluene-d8                | 10.325 | 98    | 359448   | 23.224   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 92.880%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 42834    | 20.246   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 81.000%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 34664    | 38.216   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 76.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 94757    | 21.487   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 85.960%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 55604    | 23.400   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 93.600%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.917  | 84    | 39743    | 7.237    | ug/L   | 92       |
| 48) 2-Hexanone                | 10.922 | 43    | 5989     | 2.816    | ug/L # | 71       |
| -----                         |        |       |          |          |        |          |

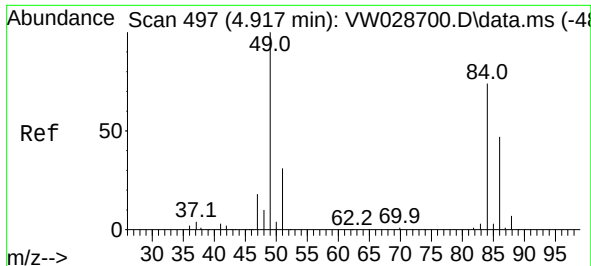
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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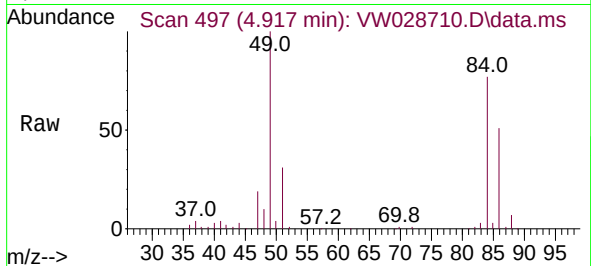
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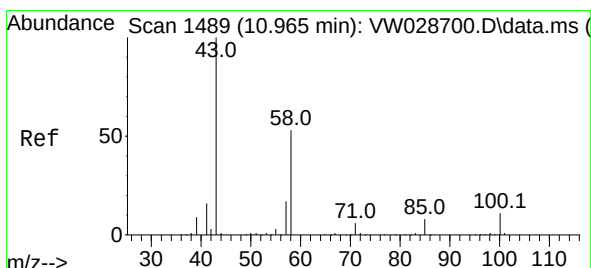
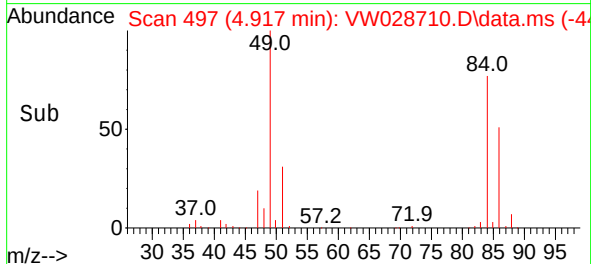
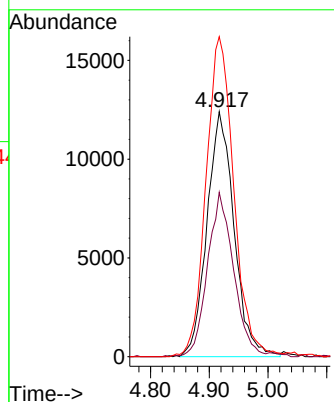


#16  
Methylene chloride  
Concen: 7.237 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. -0.000 min  
Lab File: VW028710.D  
Acq: 23 May 2024 16:18

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 84 Resp: 39743  
Ion Ratio Lower Upper  
84 100  
86 67.1 44.4 82.4  
49 130.7 100.2 186.2



#48  
2-Hexanone  
Concen: 2.816 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW028710.D  
Acq: 23 May 2024 16:18

Tgt Ion: 43 Resp: 5989  
Ion Ratio Lower Upper  
43 100  
58 28.9 41.0 61.4#  
57 30.2 14.8 22.2#  
100 3.9 8.6 12.8#

