

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052324\  
 Data File : VW028711.D  
 Acq On : 23 May 2024 16:42  
 Operator : SY/MD  
 Sample : P2569-05  
 Misc : 5.32g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 24 00:20:19 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

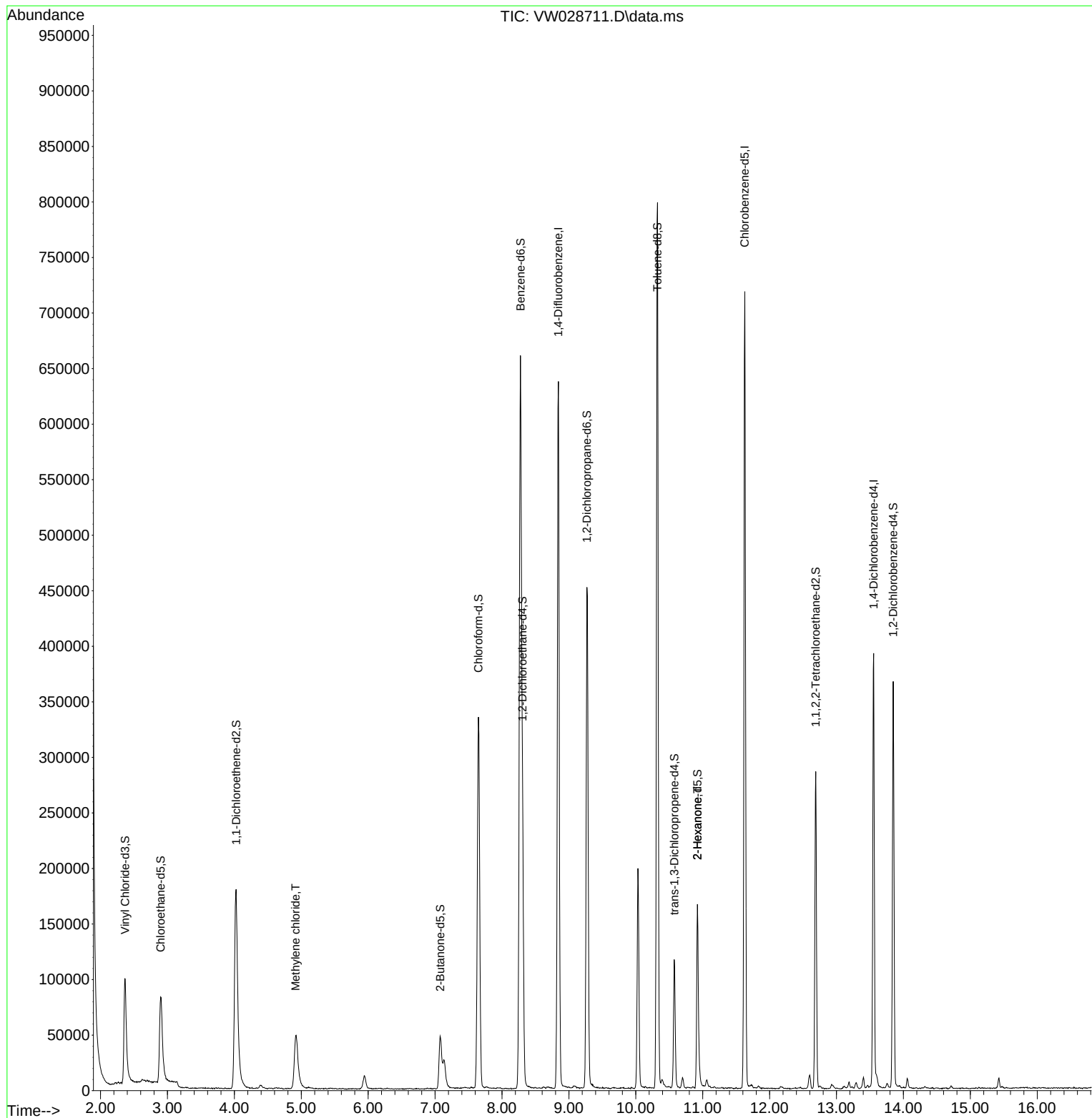
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 514101   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 377798   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 98577    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 155850   | 15.964   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 63.840%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 133635   | 17.877   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.520%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 70385    | 17.257   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 69.040%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 80739    | 31.700   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 63.400%  |
| 24) Chloroform-d              | 7.648  | 84    | 342097   | 21.296   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 85.200%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 186297   | 20.257   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 81.040%  |
| 32) Benzene-d6                | 8.276  | 84    | 654658   | 25.972   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 103.880% |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 209199   | 27.581   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 110.320% |
| 41) Toluene-d8                | 10.325 | 98    | 521504   | 23.363   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 93.440%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 62210    | 20.388   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 81.560%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 52869    | 40.414   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 80.820%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 141686   | 22.277   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 89.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 89637    | 23.857   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.440%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.917  | 84    | 45968    | 5.781    | ug/L   | 90       |
| 48) 2-Hexanone                | 10.922 | 43    | 10488    | 3.419    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

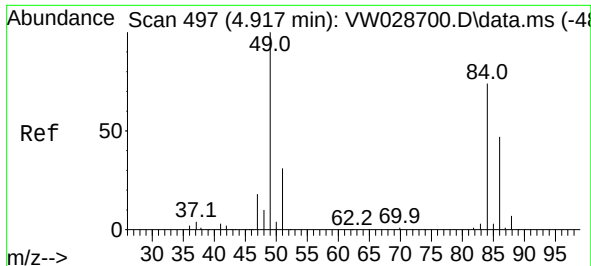
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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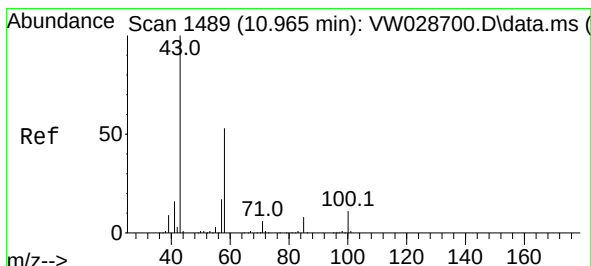
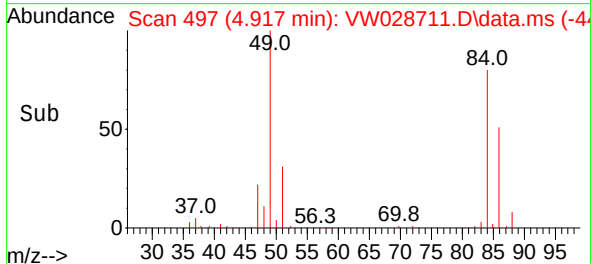
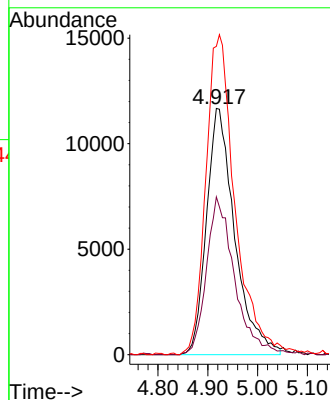
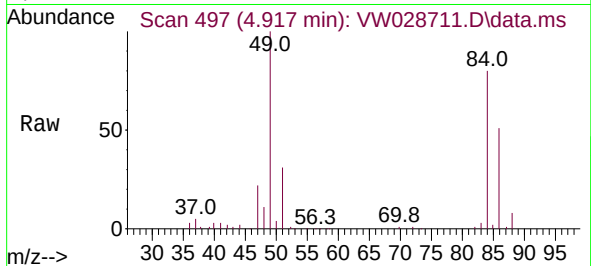




#16  
Methylene chloride  
Concen: 5.781 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. 0.000 min  
Lab File: VW028711.D  
Acq: 23 May 2024 16:42

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 84 Resp: 45968  
Ion Ratio Lower Upper  
84 100  
86 64.1 44.4 82.4  
49 125.3 100.2 186.2



#48  
2-Hexanone  
Concen: 3.419 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW028711.D  
Acq: 23 May 2024 16:42

Tgt Ion: 43 Resp: 10488  
Ion Ratio Lower Upper  
43 100  
58 22.1 41.0 61.4#  
57 23.7 14.8 22.2#  
100 2.2 8.6 12.8#

