

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW053024\  
 Data File : VW028917.D  
 Acq On : 30 May 2024 17:25  
 Operator : SY/MD  
 Sample : P2647-20  
 Misc : 4.02g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BHBT4

Quant Time: May 31 01:36:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 29 23:53:47 2024  
 Response via : Initial Calibration

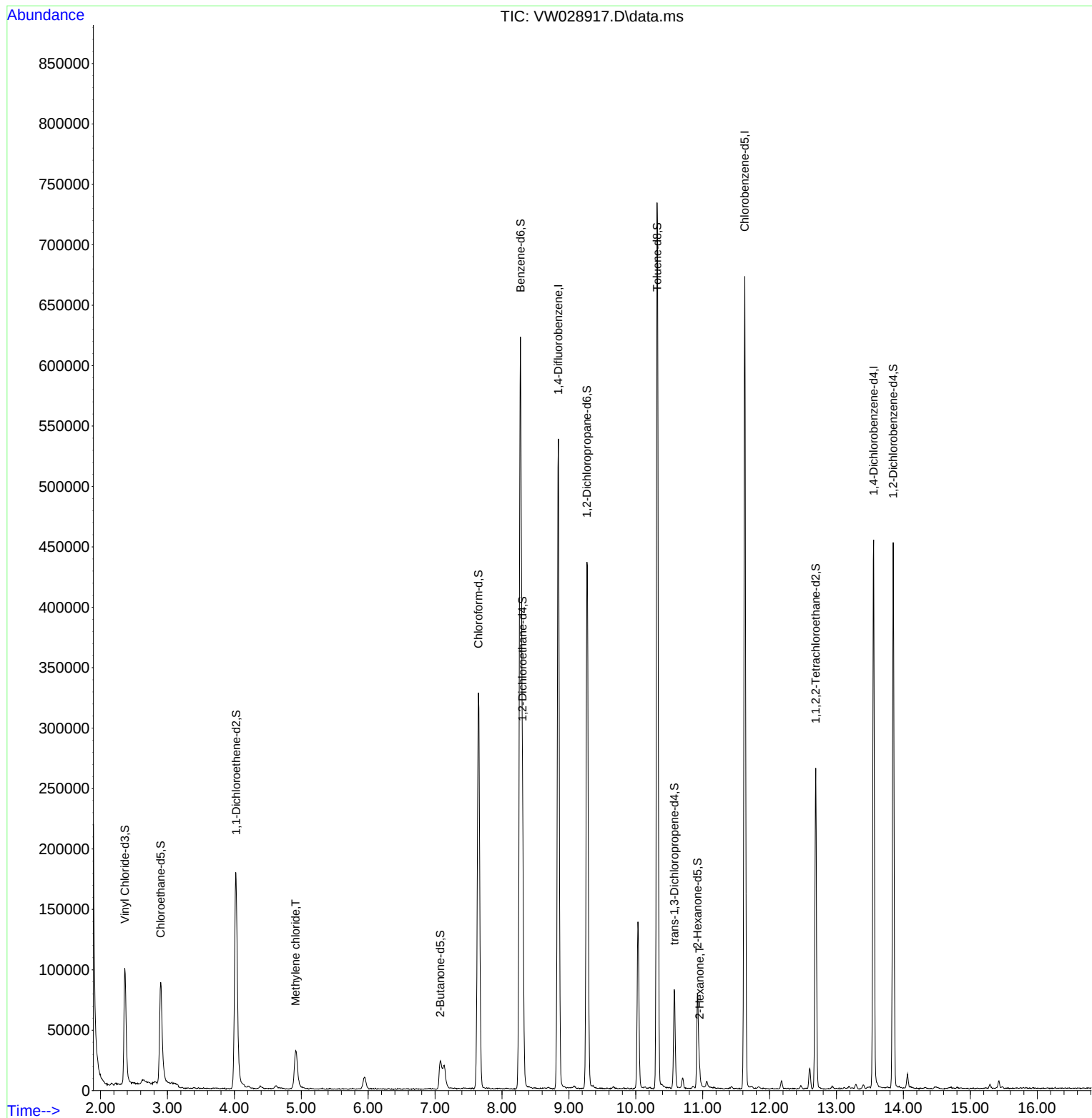
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 427990   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 355223   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 110381   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 139538   | 17.169   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 68.680%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 131653   | 21.156   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 84.640%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 63634    | 18.740   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 74.960%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 39611    | 18.681   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 37.360%  |
| 24) Chloroform-d              | 7.648  | 84    | 329623   | 24.648   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 98.600%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 172332   | 22.509   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 90.040%  |
| 32) Benzene-d6                | 8.276  | 84    | 614308   | 25.920   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 103.680% |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 205948   | 28.878   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 115.520% |
| 41) Toluene-d8                | 10.319 | 98    | 476806   | 22.718   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 90.880%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 44608    | 15.549   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 62.200%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 23453    | 19.067   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 38.140%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 129138   | 21.594   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 86.360%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 108121   | 25.700   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 102.800% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.917  | 84    | 25863    | 3.907    | ug/L   | 91       |
| 48) 2-Hexanone                | 10.953 | 43    | 10507    | 3.643    | ug/L # | 40       |
| -----                         |        |       |          |          |        |          |

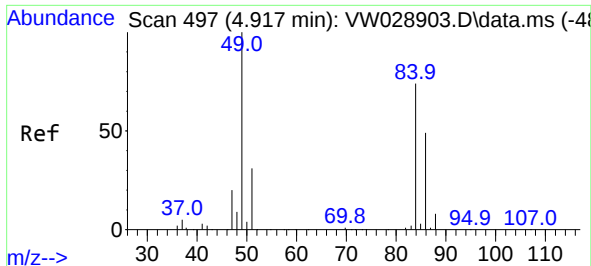
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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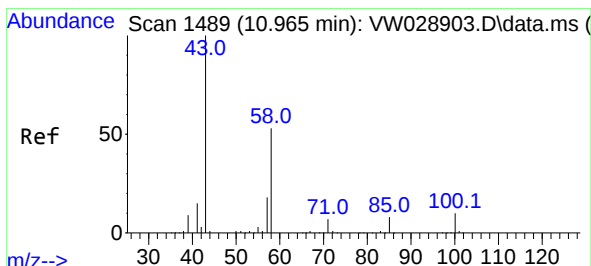
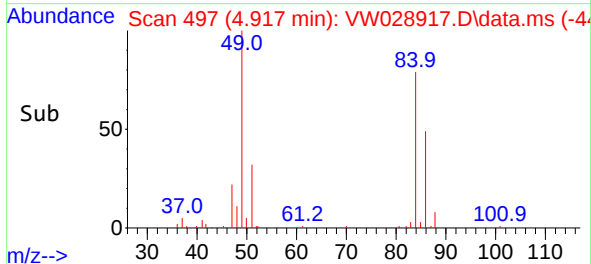
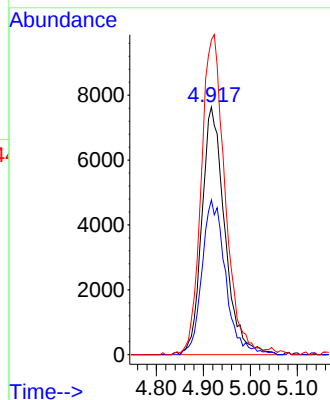
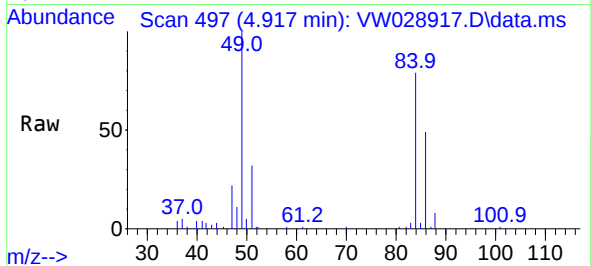




#16  
Methylene chloride  
Concen: 3.907 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. -0.006 min  
Lab File: VW028917.D  
Acq: 30 May 2024 17:25

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Tgt Ion: 84 Resp: 25863  
Ion Ratio Lower Upper  
84 100  
86 62.5 44.4 82.4  
49 127.1 100.2 186.2



#48  
2-Hexanone  
Concen: 3.643 ug/L  
RT: 10.953 min Scan# 1487  
Delta R.T. -0.012 min  
Lab File: VW028917.D  
Acq: 30 May 2024 17:25

Tgt Ion: 43 Resp: 10507  
Ion Ratio Lower Upper  
43 100  
58 0.0 41.0 61.4#  
57 0.0 14.8 22.2#  
100 1.1 8.6 12.8#

