

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071524\  
 Data File : VW029572.D  
 Acq On : 15 Jul 2024 14:00  
 Operator : SY/MD  
 Sample : P3230-08  
 Misc : 5.62g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BHB47

Quant Time: Jul 16 00:00:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Jul 15 23:59:48 2024  
 Response via : Initial Calibration

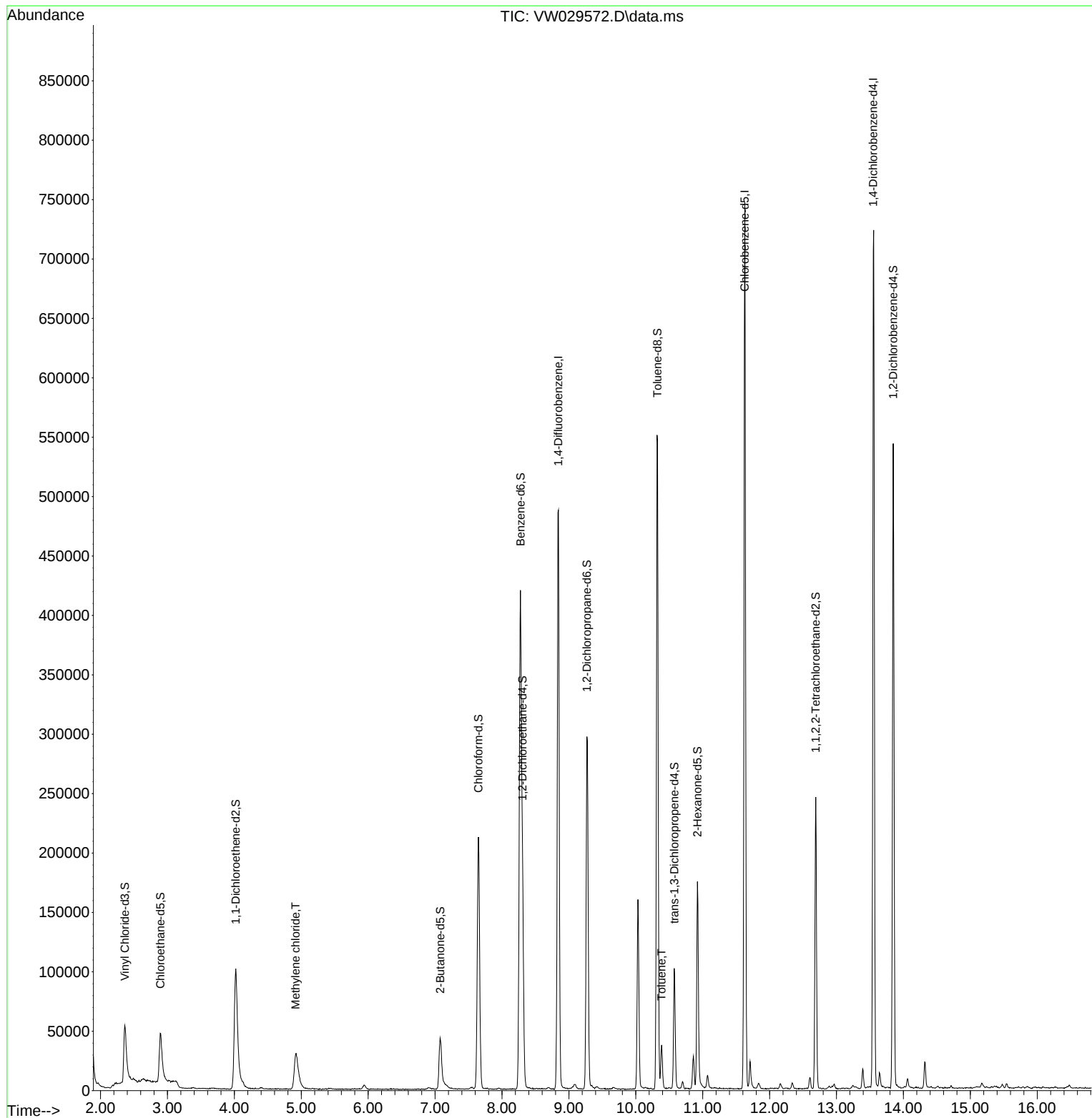
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 382056   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 362668   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.550 | 152   | 173828   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.362  | 65    | 87471    | 14.173   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 56.680%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 70179    | 15.792   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 63.160%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 42321    | 15.270   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 61.080%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 77407    | 41.780   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 83.560%  |
| 24) Chloroform-d              | 7.648  | 84    | 208649   | 18.891   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 75.560%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 135690   | 20.945   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 83.800%  |
| 32) Benzene-d6                | 8.276  | 84    | 401700   | 18.489   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 73.960%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 137239   | 19.756   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 79.040%  |
| 41) Toluene-d8                | 10.324 | 98    | 349584   | 18.296   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 73.200%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 53148    | 18.068   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 72.280%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 57665    | 45.684   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 91.360%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 119119   | 21.120   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 84.480%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 125867   | 20.792   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 83.160%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.917  | 84    | 29852    | 4.364    | ug/L  | 95       |
| 42) Toluene                   | 10.385 | 91    | 25075    | 1.080    | ug/L  | 94       |
| -----                         |        |       |          |          |       |          |

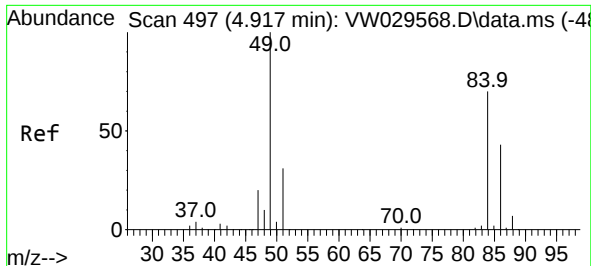
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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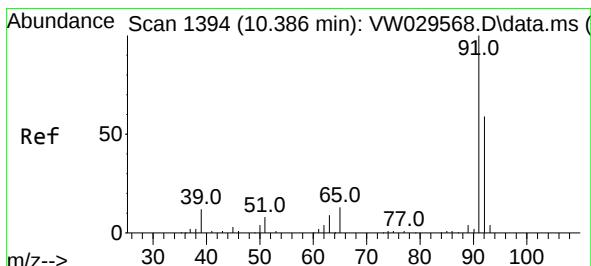
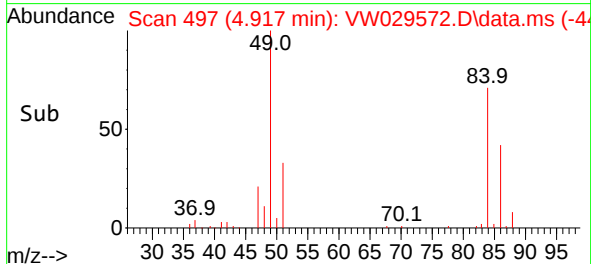
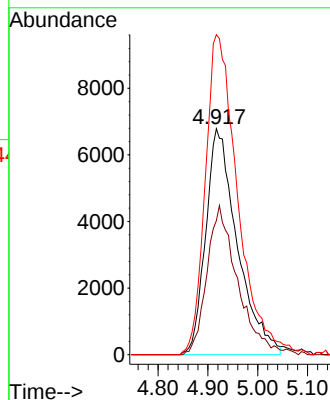
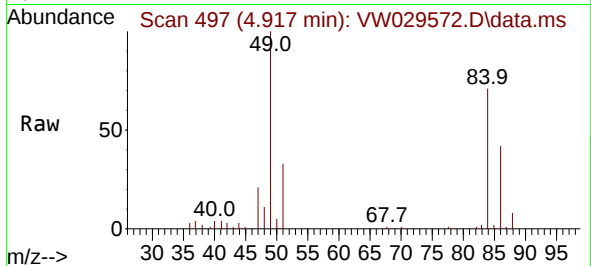




#16  
Methylene chloride  
Concen: 4.364 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. -0.000 min  
Lab File: VW029572.D  
Acq: 15 Jul 2024 14:00

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Tgt Ion: 84 Resp: 29852  
Ion Ratio Lower Upper  
84 100  
86 59.3 46.2 85.8  
49 141.7 96.7 179.7



#42  
Toluene  
Concen: 1.080 ug/L  
RT: 10.385 min Scan# 1394  
Delta R.T. -0.000 min  
Lab File: VW029572.D  
Acq: 15 Jul 2024 14:00

Tgt Ion: 91 Resp: 25075  
Ion Ratio Lower Upper  
91 100  
92 54.5 41.1 76.3

