

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW102523\  
 Data File : VW027433.D  
 Acq On : 25 Oct 2023 11:07  
 Operator : SY/MD  
 Sample : 04948-05  
 Misc : 5.36g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 26 00:49:17 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM101123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 26 00:48:25 2023  
 Response via : Initial Calibration

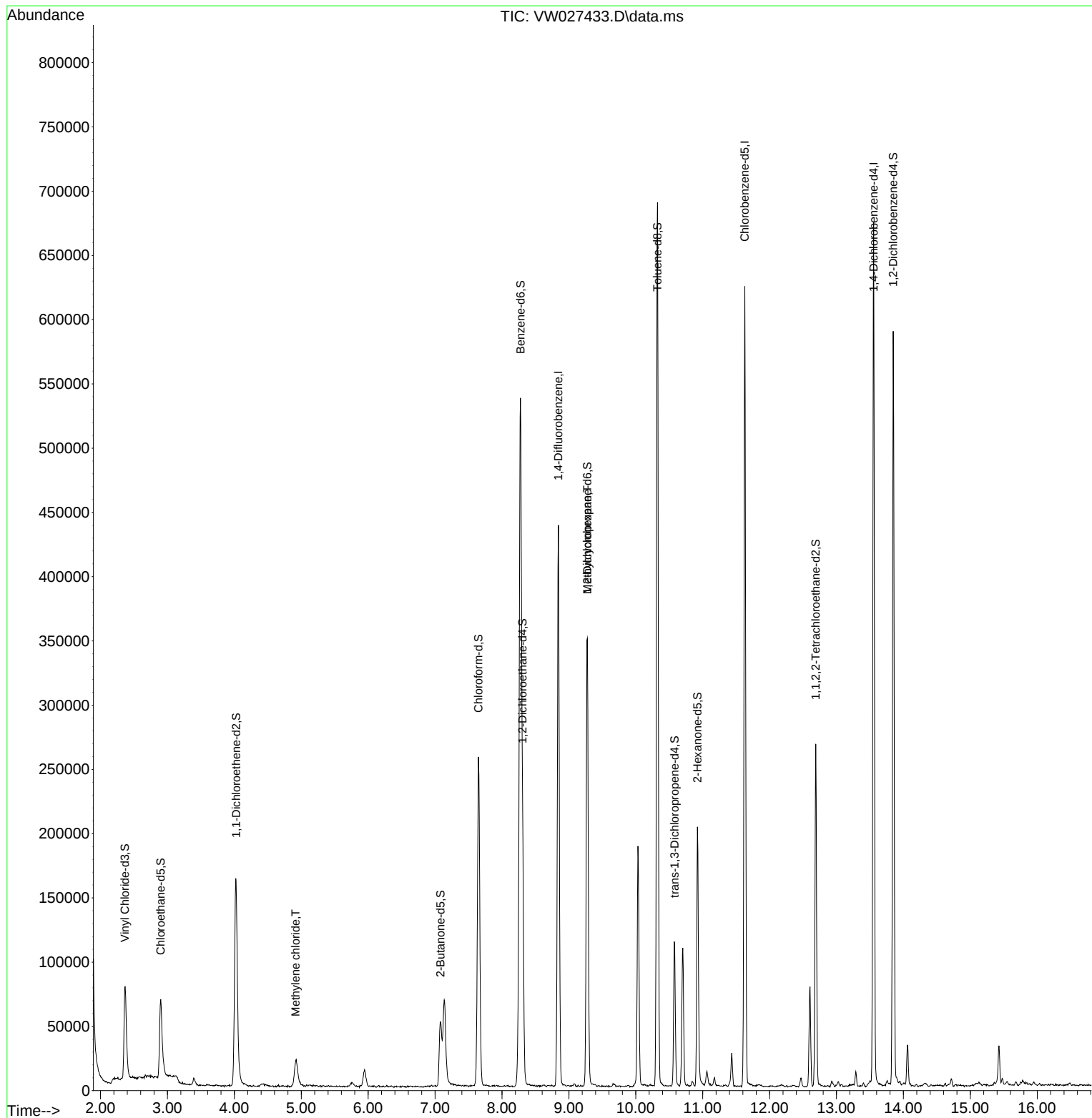
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 349464   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 322587   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 163025   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 113612   | 21.302   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 85.200%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 93854    | 24.508   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 98.040%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 57510    | 21.520   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 86.080%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 95702    | 53.987   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 107.980% |
| 24) Chloroform-d              | 7.648  | 84    | 257057   | 24.680   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 98.720%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 141239   | 25.243   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 100.960% |
| 32) Benzene-d6                | 8.276  | 84    | 527134   | 24.152   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 96.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 170005   | 25.502   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 102.000% |
| 41) Toluene-d8                | 10.325 | 98    | 454158   | 22.947   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 91.800%  |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 62030    | 20.408   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 81.640%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 69336    | 50.272   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 100.540% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 133687   | 26.879   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 107.520% |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 137957   | 23.352   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 93.400%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.917  | 84    | 15707    | 2.455    | ug/L  | 92       |
| 35) Methylcyclohexane         | 9.276  | 83    | 39346    | 3.951    | ug/L  | # 18     |
| -----                         |        |       |          |          |       |          |

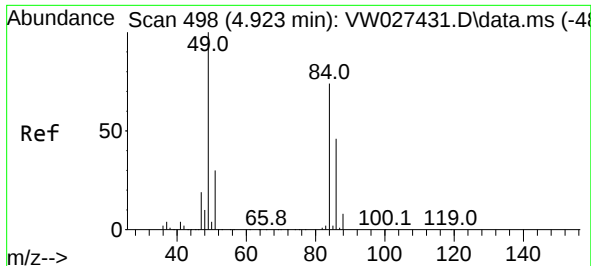
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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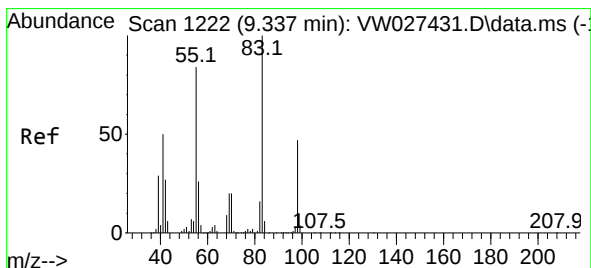
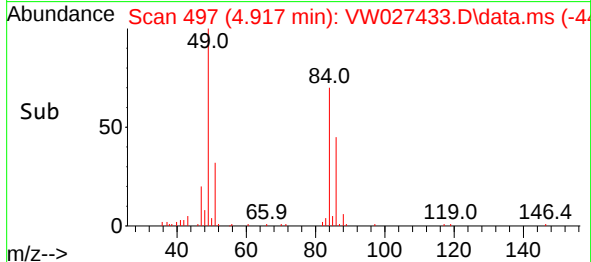
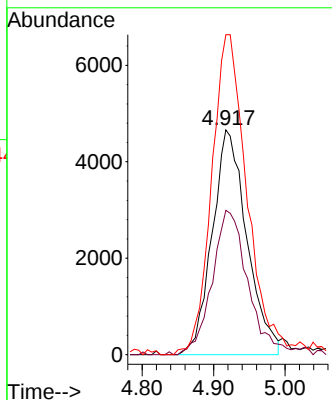
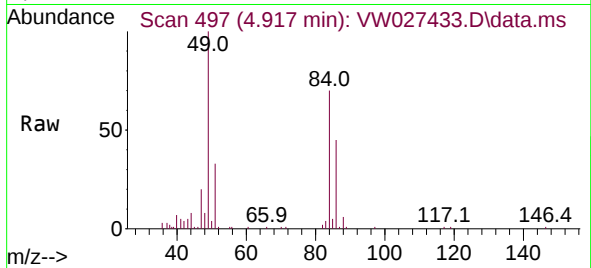




#16  
Methylene chloride  
Concen: 2.455 ug/L  
RT: 4.917 min Scan# 49  
Delta R.T. -0.006 min  
Lab File: VW027433.D  
Acq: 25 Oct 2023 11:07

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 84 Resp: 15707  
Ion Ratio Lower Upper  
84 100  
86 64.2 41.3 76.7  
49 142.3 92.8 172.4



#35  
Methylcyclohexane  
Concen: 3.951 ug/L  
RT: 9.276 min Scan# 1212  
Delta R.T. -0.061 min  
Lab File: VW027433.D  
Acq: 25 Oct 2023 11:07

Tgt Ion: 83 Resp: 39346  
Ion Ratio Lower Upper  
83 100  
55 1.0 65.8 98.8#  
98 2.1 38.1 57.1#

