

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050223\  
 Data File : VW025804.D  
 Acq On : 02 May 2023 17:02  
 Operator : SY/MD  
 Sample : 02549-13  
 Misc : 5.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCCD0

Quant Time: May 03 01:24:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 03 01:20:37 2023  
 Response via : Initial Calibration

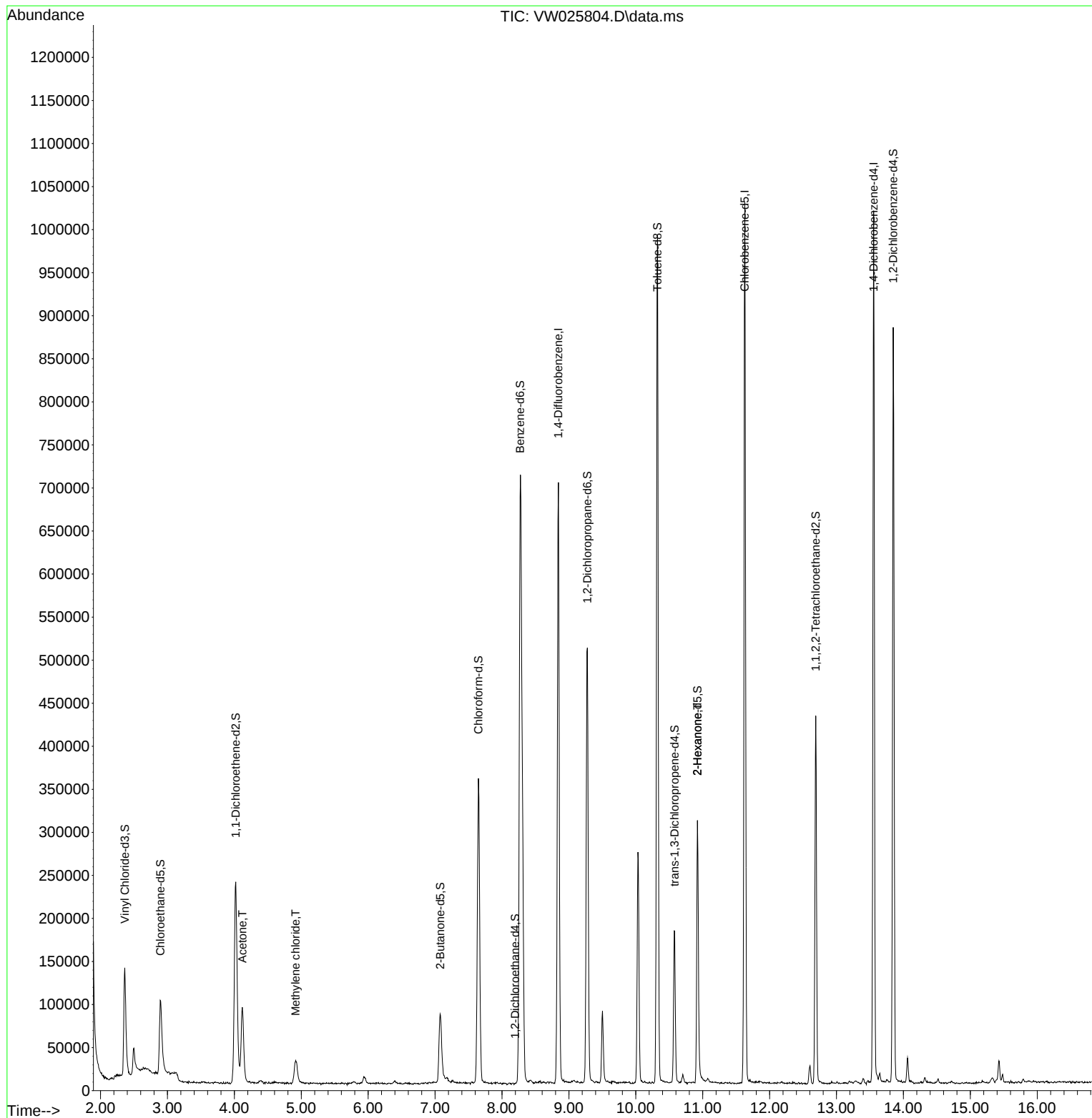
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 547368   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 523799   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 227272   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 175474   | 22.623   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 90.480%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 128336   | 22.317   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 89.280%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 85433    | 21.996   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 88.000%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 148987   | 58.102   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 116.200% |
| 24) Chloroform-d              | 7.648  | 84    | 349244   | 22.127   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 88.520%  |
| 26) 1,2-Dichloroethane-d4     | 8.197  | 65    | 72       | 0.008    | ug/L   | -0.10    |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.040%#  |
| 32) Benzene-d6                | 8.270  | 84    | 707461   | 20.670   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 82.680%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 240961   | 22.004   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 88.000%  |
| 41) Toluene-d8                | 10.325 | 98    | 633668   | 20.762   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 83.040%  |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 96604    | 21.763   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 87.040%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 102492   | 54.887   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 109.780% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 219649   | 26.316   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 105.280% |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 207662   | 25.065   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 100.240% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.118  | 43    | 154602   | 67.995   | ug/L   | 99       |
| 16) Methylene chloride        | 4.917  | 84    | 22752    | 2.016    | ug/L   | 95       |
| 48) 2-Hexanone                | 10.922 | 43    | 13965    | 3.016    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

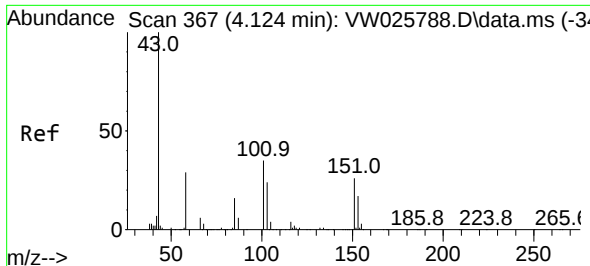
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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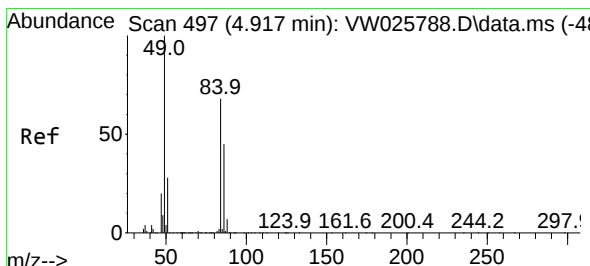
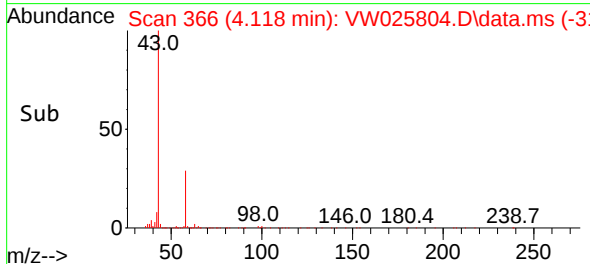
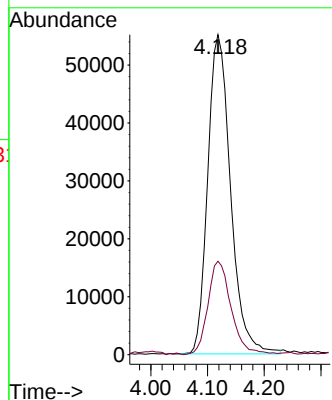
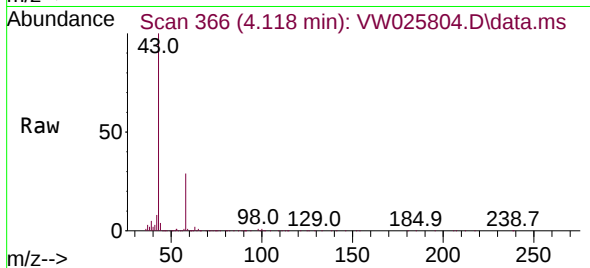




#13  
Acetone  
Concen: 67.995 ug/L  
RT: 4.118 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: VW025804.D  
Acq: 02 May 2023 17:02

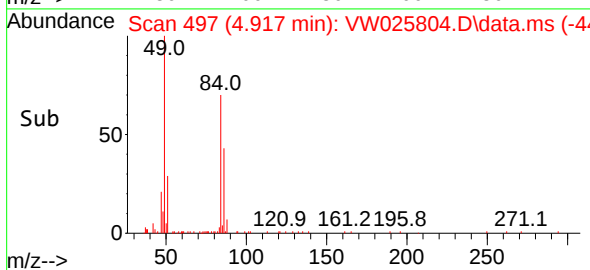
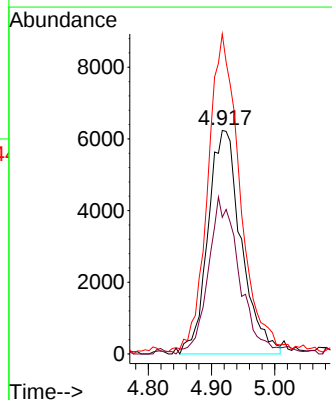
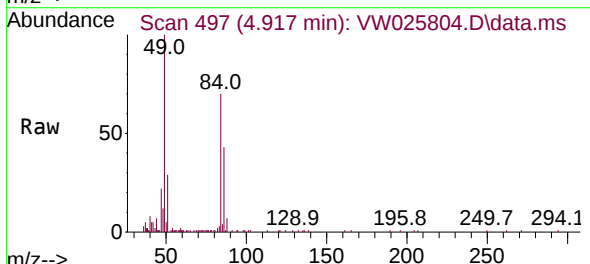
Instrument :  
MSVOA\_W  
ClientSampleId :  
DCCD0

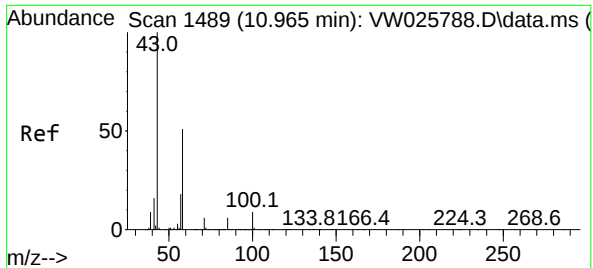
Tgt Ion: 43 Resp: 154602  
Ion Ratio Lower Upper  
43 100  
58 29.7 0.0 58.2



#16  
Methylene chloride  
Concen: 2.016 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. 0.000 min  
Lab File: VW025804.D  
Acq: 02 May 2023 17:02

Tgt Ion: 84 Resp: 22752  
Ion Ratio Lower Upper  
84 100  
86 61.1 41.7 77.5  
49 143.1 95.3 177.1





#48  
 2-Hexanone  
 Concen: 3.016 ug/L  
 RT: 10.922 min Scan# 14  
 Delta R.T. -0.043 min  
 Lab File: VW025804.D  
 Acq: 02 May 2023 17:02

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCCD0

|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 13965     |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 25.7 40.8 61.2# |
| 57          | 30.4 13.6 20.4# |
| 100         | 3.1 8.0 12.0#   |

