

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051023\  
 Data File : VW025932.D  
 Acq On : 10 May 2023 16:05  
 Operator : SY/MD  
 Sample : 02689-17  
 Misc : 3.16g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JREN9

Quant Time: May 11 02:13:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 05 23:47:36 2023  
 Response via : Initial Calibration

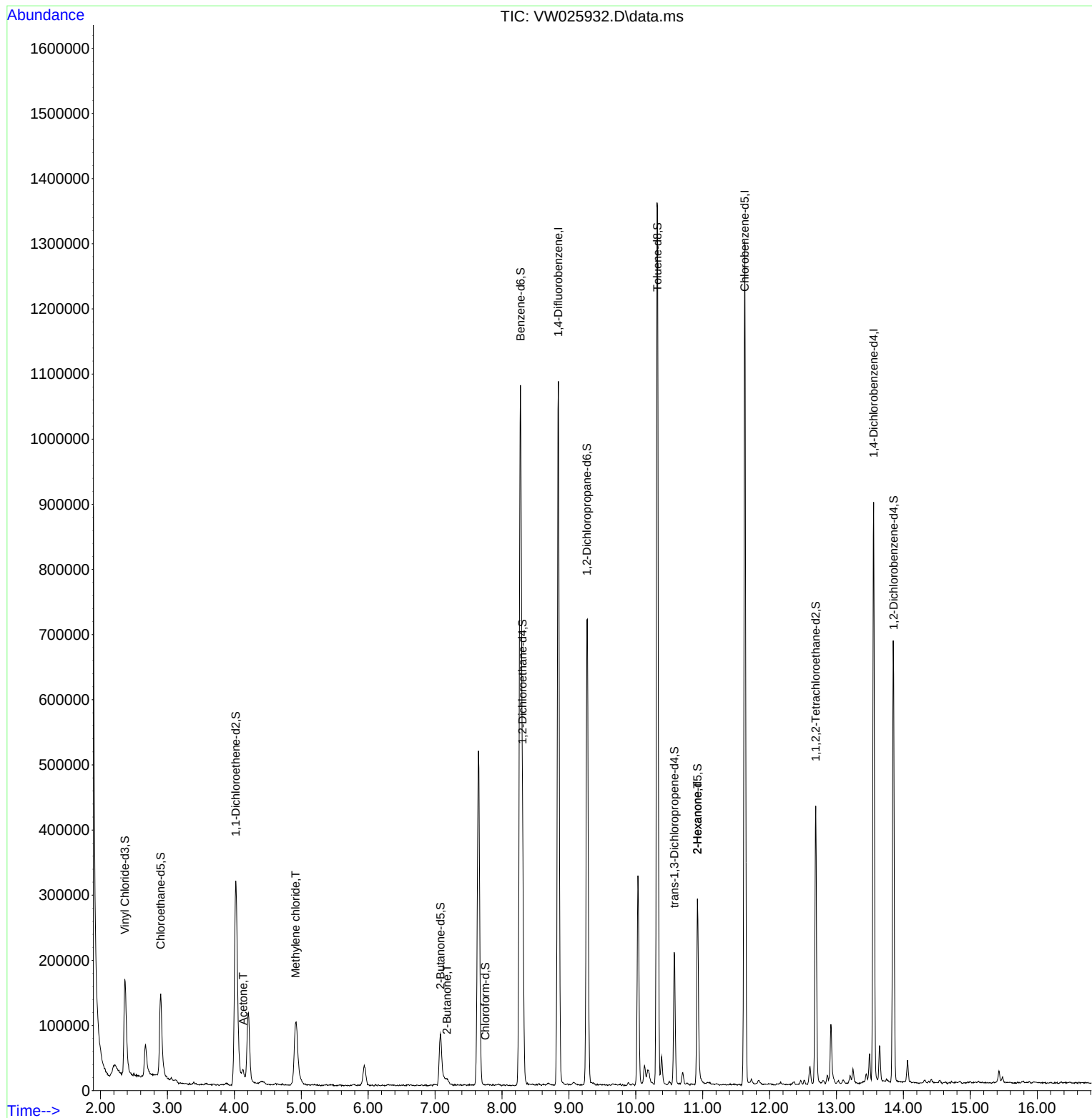
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 844168   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 668130   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 224063   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 240526   | 20.107   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 80.440%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 192617   | 21.719   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 86.880%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 122345   | 20.425   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 81.680%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 139169   | 35.191   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 70.380%  |
| 24) Chloroform-d              | 7.752  | 84    | 376      | 0.015    | ug/L   | 0.10     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 0.080%#  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 286208   | 20.793   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 83.160%  |
| 32) Benzene-d6                | 8.276  | 84    | 1061940  | 24.325   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 97.280%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 343030   | 24.558   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 98.240%  |
| 41) Toluene-d8                | 10.325 | 98    | 881411   | 22.641   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 90.560%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 109719   | 19.378   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 77.520%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 93755    | 39.362   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 78.720%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 211094   | 19.828   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 79.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.855 | 152   | 164400   | 20.127   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 80.520%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.131  | 43    | 38664    | 11.026   | ug/L   | 96       |
| 16) Methylene chloride        | 4.917  | 84    | 85041    | 4.885    | ug/L   | 99       |
| 22) 2-Butanone                | 7.179  | 43    | 16789    | 3.467    | ug/L   | 92       |
| 48) 2-Hexanone                | 10.922 | 43    | 16388    | 2.775    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

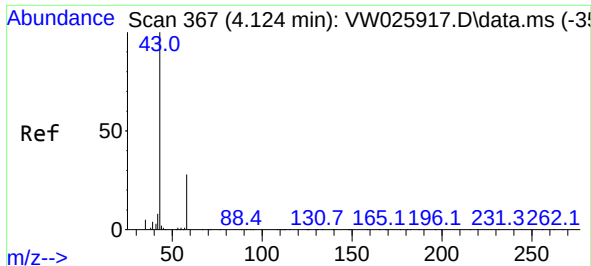
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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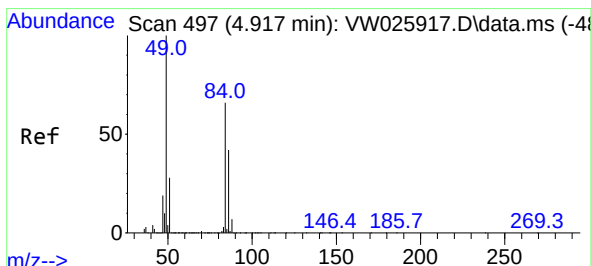
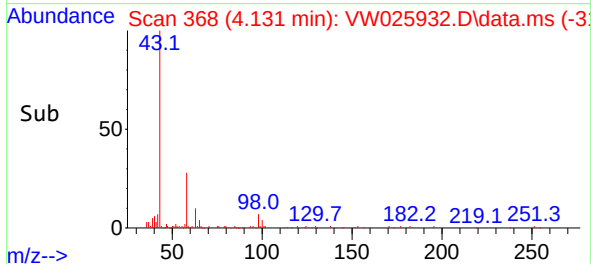
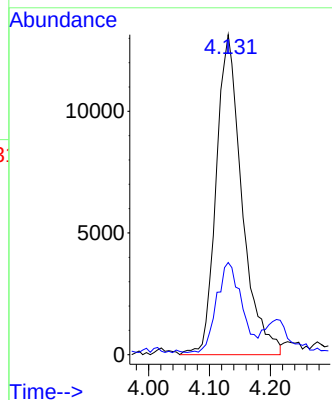
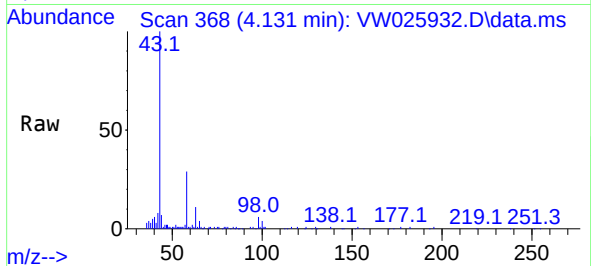




#13  
Acetone  
Concen: 11.026 ug/L  
RT: 4.131 min Scan# 368  
Delta R.T. 0.000 min  
Lab File: VW025932.D  
Acq: 10 May 2023 16:05

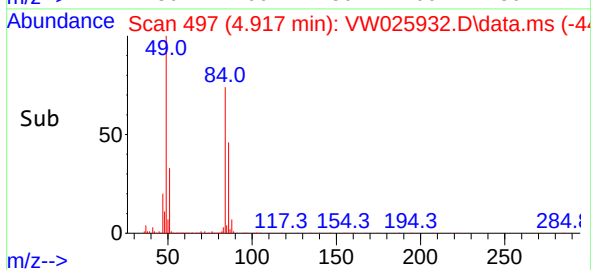
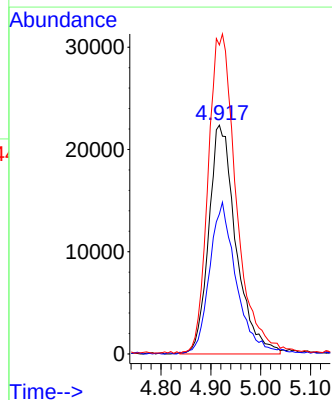
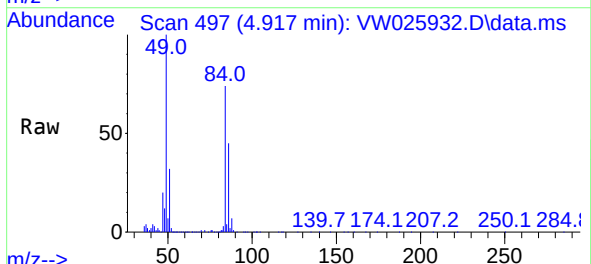
Instrument :  
MSVOA\_W  
ClientSampleId :  
JREN9

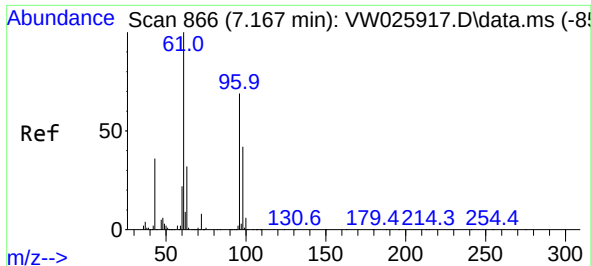
Tgt Ion: 43 Resp: 38664  
Ion Ratio Lower Upper  
43 100  
58 27.1 0.0 58.2



#16  
Methylene chloride  
Concen: 4.885 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. 0.006 min  
Lab File: VW025932.D  
Acq: 10 May 2023 16:05

Tgt Ion: 84 Resp: 85041  
Ion Ratio Lower Upper  
84 100  
86 61.2 41.7 77.5  
49 135.0 95.3 177.1

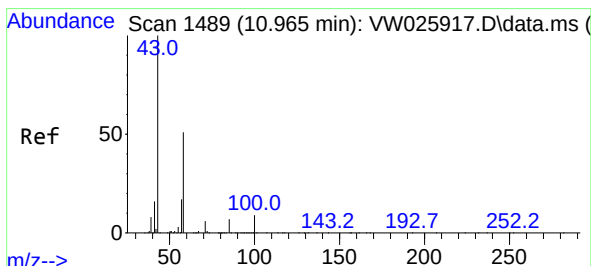
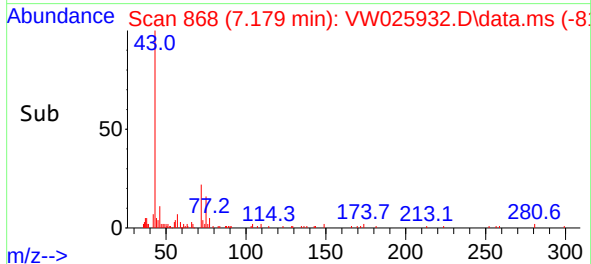
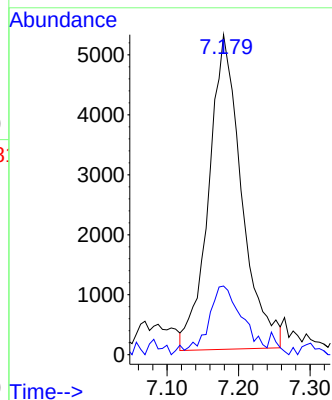
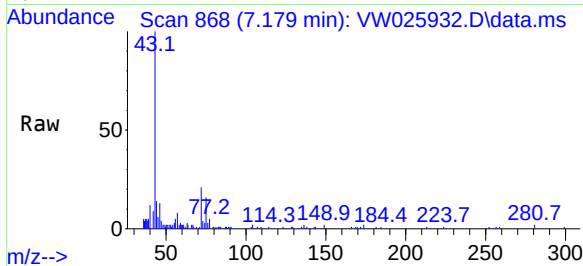




#22  
2-Butanone  
Concen: 3.467 ug/L  
RT: 7.179 min Scan# 866  
Delta R.T. 0.006 min  
Lab File: VW025932.D  
Acq: 10 May 2023 16:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
JREN9

Tgt Ion: 43 Resp: 16789  
Ion Ratio Lower Upper  
43 100  
72 19.5 11.8 35.4



#48  
2-Hexanone  
Concen: 2.775 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW025932.D  
Acq: 10 May 2023 16:05

Tgt Ion: 43 Resp: 16388  
Ion Ratio Lower Upper  
43 100  
58 20.6 40.8 61.2#  
57 24.5 13.6 20.4#  
100 3.8 8.0 12.0#

