

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052623\  
 Data File : VW026067.D  
 Acq On : 26 May 2023 14:45  
 Operator : SY/MD  
 Sample : 02950-03RE  
 Misc : 2.83g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 26 23:18:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 26 23:14:25 2023  
 Response via : Initial Calibration

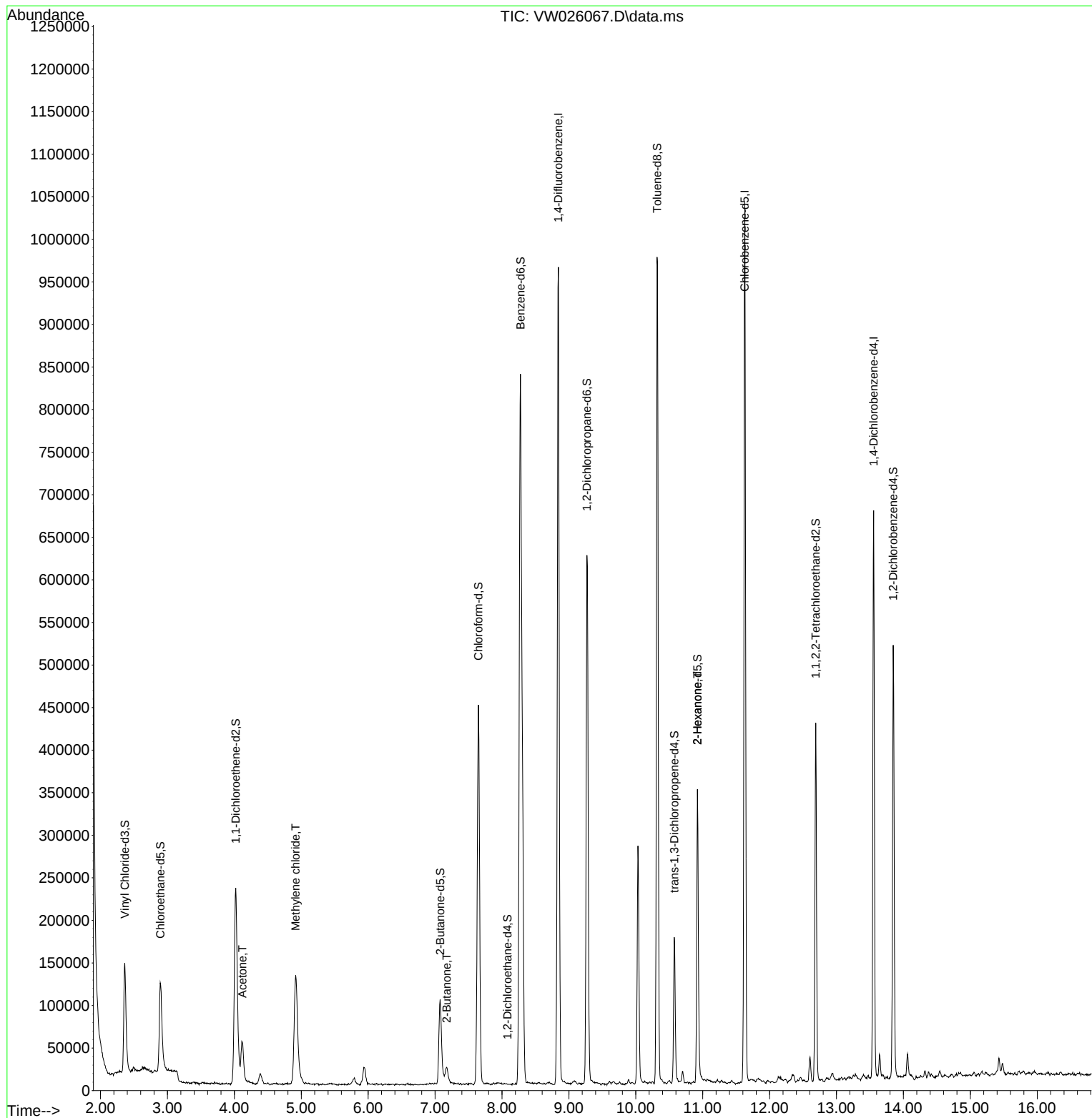
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 746132   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 533467   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 161598   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 175697   | 16.617   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 66.480%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 166600   | 21.254   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 85.000%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 89485    | 16.902   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 67.600%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 176987   | 50.635   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 101.260% |
| 24) Chloroform-d              | 7.648  | 84    | 441266   | 20.510   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 82.040%  |
| 26) 1,2-Dichloroethane-d4     | 8.081  | 65    | 141      | 0.012    | ug/L   | -0.22    |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.040%#  |
| 32) Benzene-d6                | 8.276  | 84    | 817287   | 23.446   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 93.800%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 284450   | 25.505   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 102.000% |
| 41) Toluene-d8                | 10.319 | 98    | 620740   | 19.970   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 79.880%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 91698    | 20.283   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 81.120%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 115900   | 60.943   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 121.880% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 204315   | 24.035   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 96.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 118815   | 20.169   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 80.680%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.118  | 43    | 86564    | 27.930   | ug/L   | 100      |
| 16) Methylene chloride        | 4.917  | 84    | 109032   | 7.086    | ug/L   | 94       |
| 22) 2-Butanone                | 7.173  | 43    | 35163    | 8.216    | ug/L   | 85       |
| 48) 2-Hexanone                | 10.922 | 43    | 15337    | 3.253    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

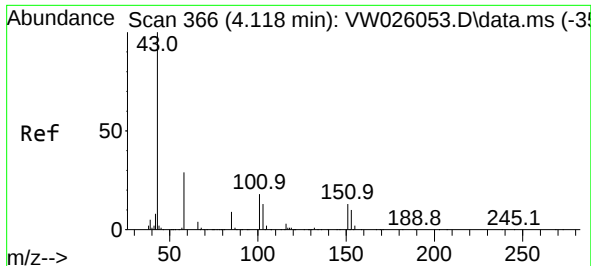
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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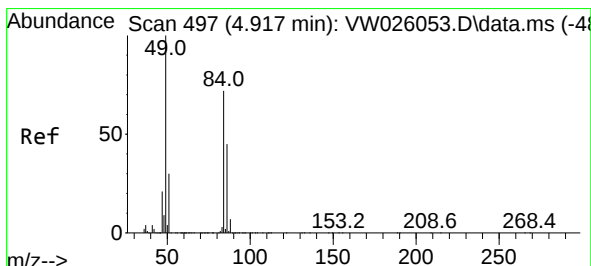
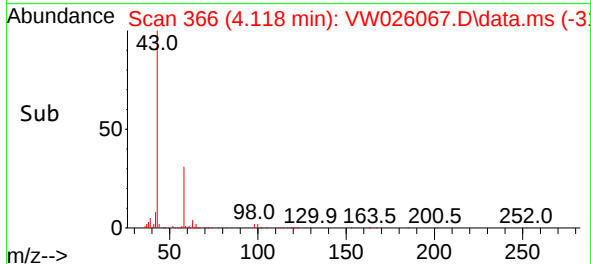
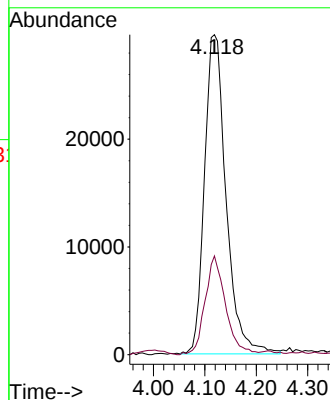
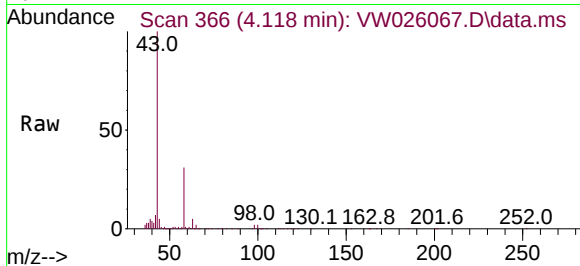




#13  
Acetone  
Concen: 27.930 ug/L  
RT: 4.118 min Scan# 366  
Delta R.T. 0.000 min  
Lab File: VW026067.D  
Acq: 26 May 2023 14:45

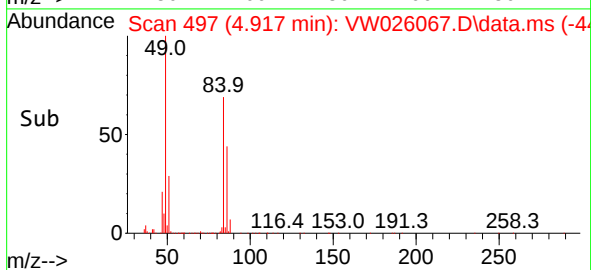
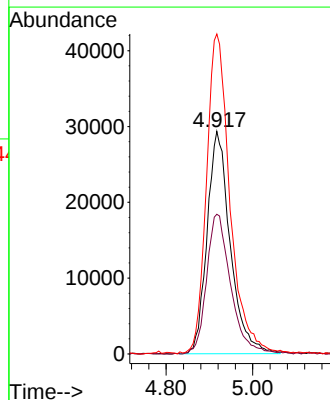
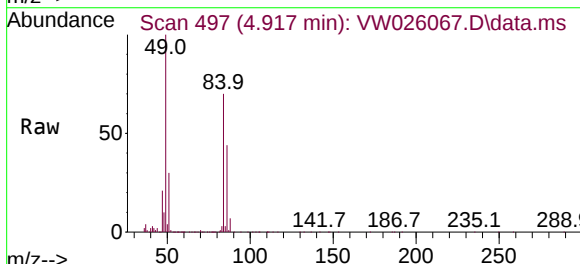
Instrument :  
MSVOA\_W  
ClientSampleId :

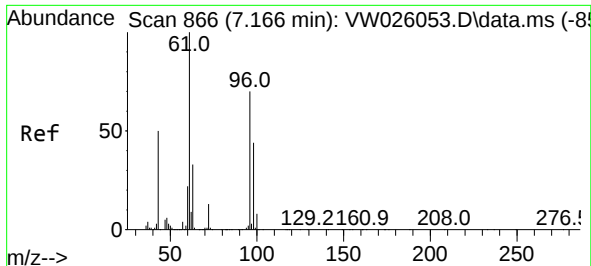
Tgt Ion: 43 Resp: 86564  
Ion Ratio Lower Upper  
43 100  
58 29.4 0.0 58.2



#16  
Methylene chloride  
Concen: 7.086 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. 0.000 min  
Lab File: VW026067.D  
Acq: 26 May 2023 14:45

Tgt Ion: 84 Resp: 109032  
Ion Ratio Lower Upper  
84 100  
86 62.8 41.7 77.5  
49 143.8 95.3 177.1

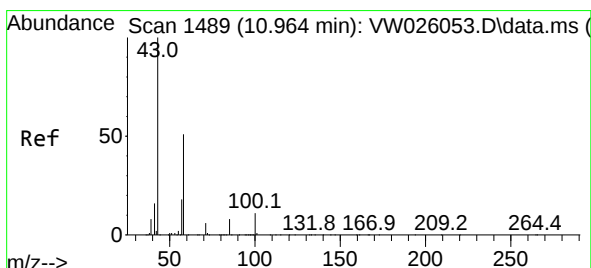
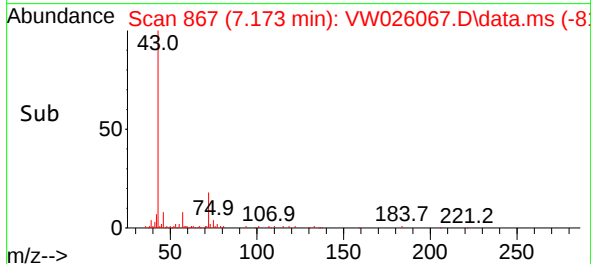
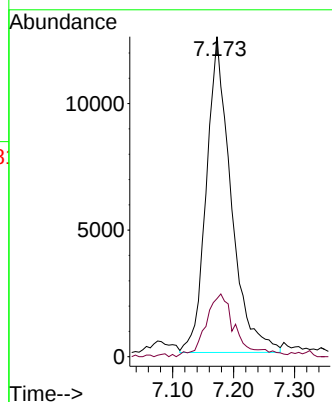
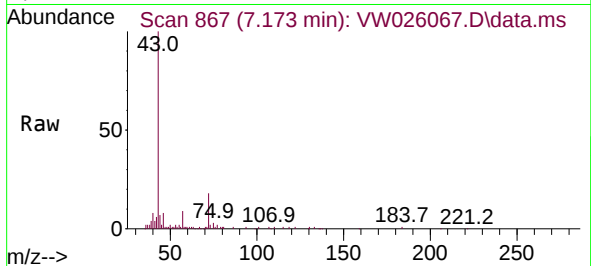




#22  
2-Butanone  
Concen: 8.216 ug/L  
RT: 7.173 min Scan# 867  
Delta R.T. 0.006 min  
Lab File: VW026067.D  
Acq: 26 May 2023 14:45

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 43 Resp: 35163  
Ion Ratio Lower Upper  
43 100  
72 16.1 11.8 35.4



#48  
2-Hexanone  
Concen: 3.253 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.042 min  
Lab File: VW026067.D  
Acq: 26 May 2023 14:45

Tgt Ion: 43 Resp: 15337  
Ion Ratio Lower Upper  
43 100  
58 24.9 40.8 61.2#  
57 30.2 13.6 20.4#  
100 2.0 8.0 12.0#

