

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082423\  
 Data File : VW026863.D  
 Acq On : 24 Aug 2023 20:05  
 Operator : SY/MD  
 Sample : 04138-24  
 Misc : 5.22g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 25 05:20:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 25 05:00:16 2023  
 Response via : Initial Calibration

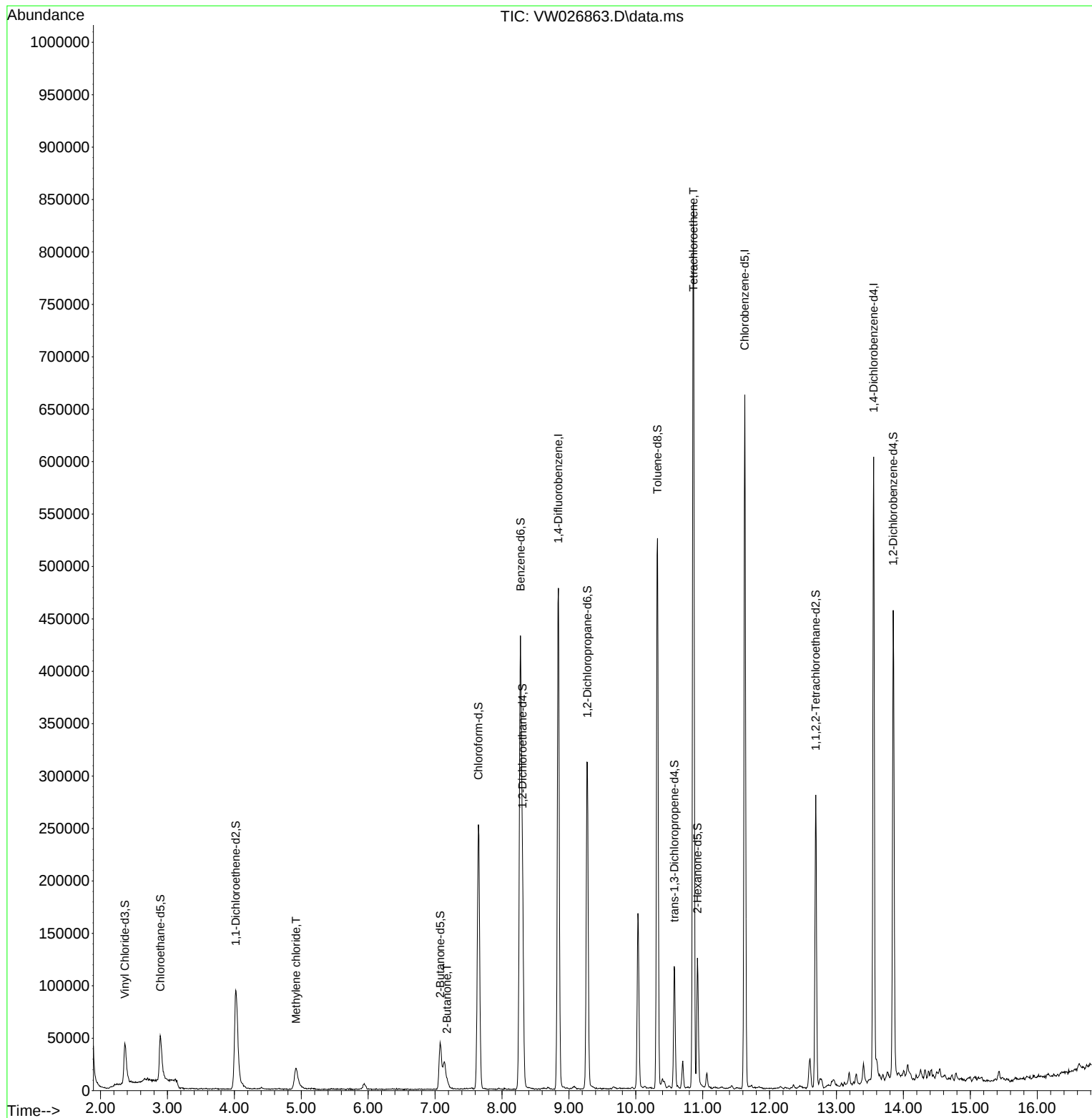
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 385344   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 340190   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 145807   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 63276    | 9.989    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 39.960%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 65001    | 13.799   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 55.200%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 40178    | 12.896   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 51.600%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 75978    | 41.730   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 83.460%  |
| 24) Chloroform-d              | 7.648  | 84    | 252703   | 19.539   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 78.160%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 166898   | 23.384   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 93.520%  |
| 32) Benzene-d6                | 8.276  | 84    | 417562   | 17.810   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 71.240%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 131703   | 18.034   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 72.120%  |
| 41) Toluene-d8                | 10.325 | 98    | 343183   | 17.052   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 68.200%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 62745    | 20.809   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 83.240%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 40003    | 52.129   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 104.260% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 125294   | 21.724   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 86.880%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 112417   | 21.541   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 86.160%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.923  | 84    | 18331    | 2.459    | ug/L  | 94       |
| 22) 2-Butanone                | 7.179  | 43    | 9192     | 3.445    | ug/L  | 90       |
| 46) Tetrachloroethene         | 10.861 | 164   | 189353   | 41.309   | ug/L  | 94       |
| -----                         |        |       |          |          |       |          |

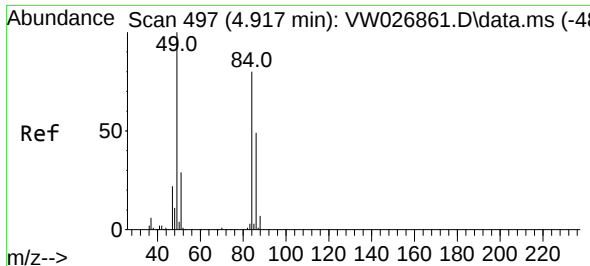
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082423\  
Data File : VW026863.D  
Acq On : 24 Aug 2023 20:05  
Operator : SY/MD  
Sample : 04138-24  
Misc : 5.22g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Aug 25 05:20:38 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Aug 25 05:00:16 2023  
Response via : Initial Calibration

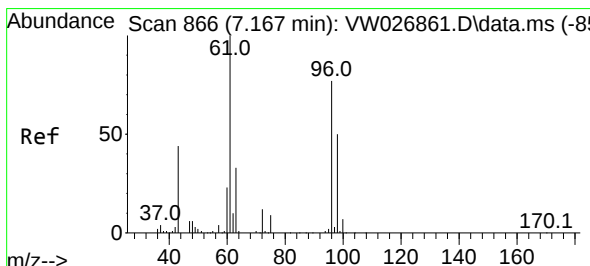
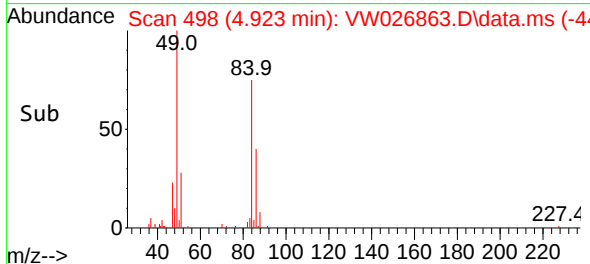
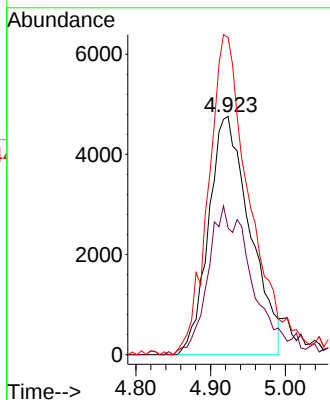
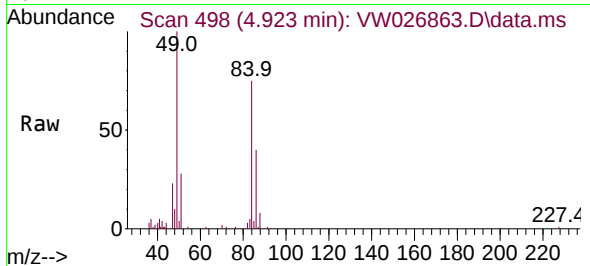




#16  
Methylene chloride  
Concen: 2.459 ug/L  
RT: 4.923 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VW026863.D  
Acq: 24 Aug 2023 20:05

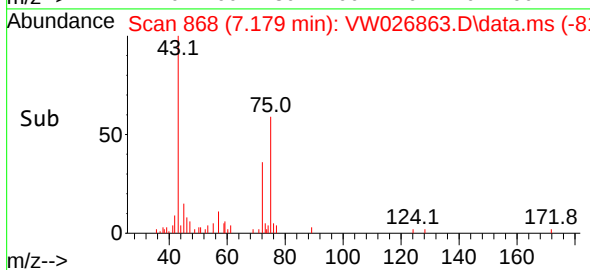
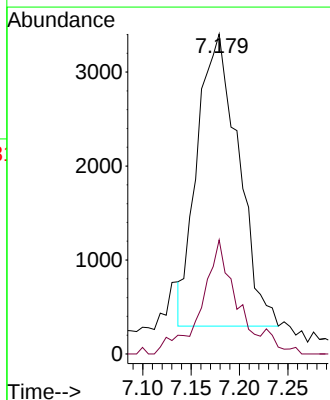
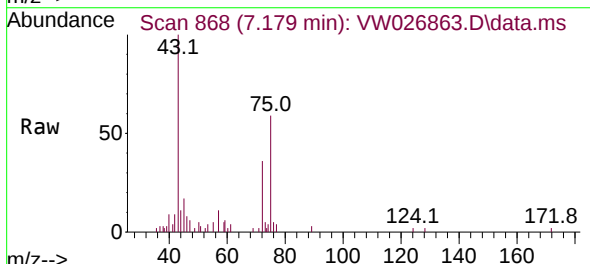
Instrument :  
MSVOA\_W  
ClientSampleId :

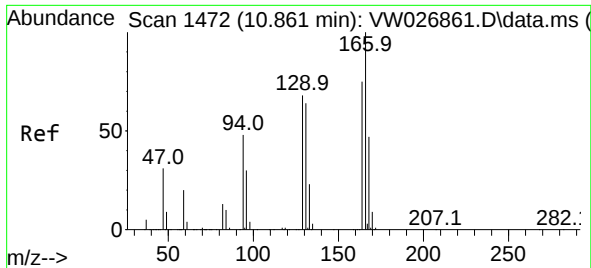
Tgt Ion: 84 Resp: 18331  
Ion Ratio Lower Upper  
84 100  
86 53.1 43.5 80.9  
49 133.1 96.0 178.2



#22  
2-Butanone  
Concen: 3.445 ug/L  
RT: 7.179 min Scan# 868  
Delta R.T. 0.012 min  
Lab File: VW026863.D  
Acq: 24 Aug 2023 20:05

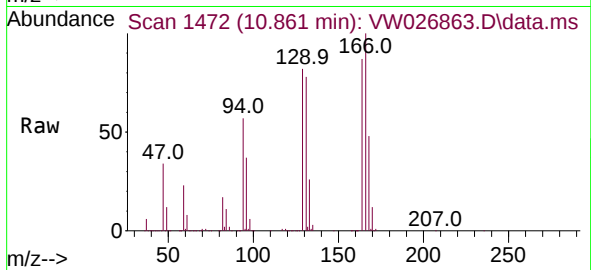
Tgt Ion: 43 Resp: 9192  
Ion Ratio Lower Upper  
43 100  
72 28.3 11.8 35.4





#46  
Tetrachloroethene  
Concen: 41.309 ug/L  
RT: 10.861 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VW026863.D  
Acq: 24 Aug 2023 20:05

Instrument :  
MSVOA\_W  
ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 189353 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 94.7  | 68.1  | 126.5  |
| 131      | 90.3  | 65.5  | 121.7  |
| 166      | 115.4 | 89.1  | 165.5  |

