

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042523\  
 Data File : VW025679.D  
 Acq On : 25 Apr 2023 13:26  
 Operator : SY/MD  
 Sample : 02479-16  
 Misc : 5.62g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW975

Quant Time: Apr 26 01:15:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040323SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 26 01:13:04 2023  
 Response via : Initial Calibration

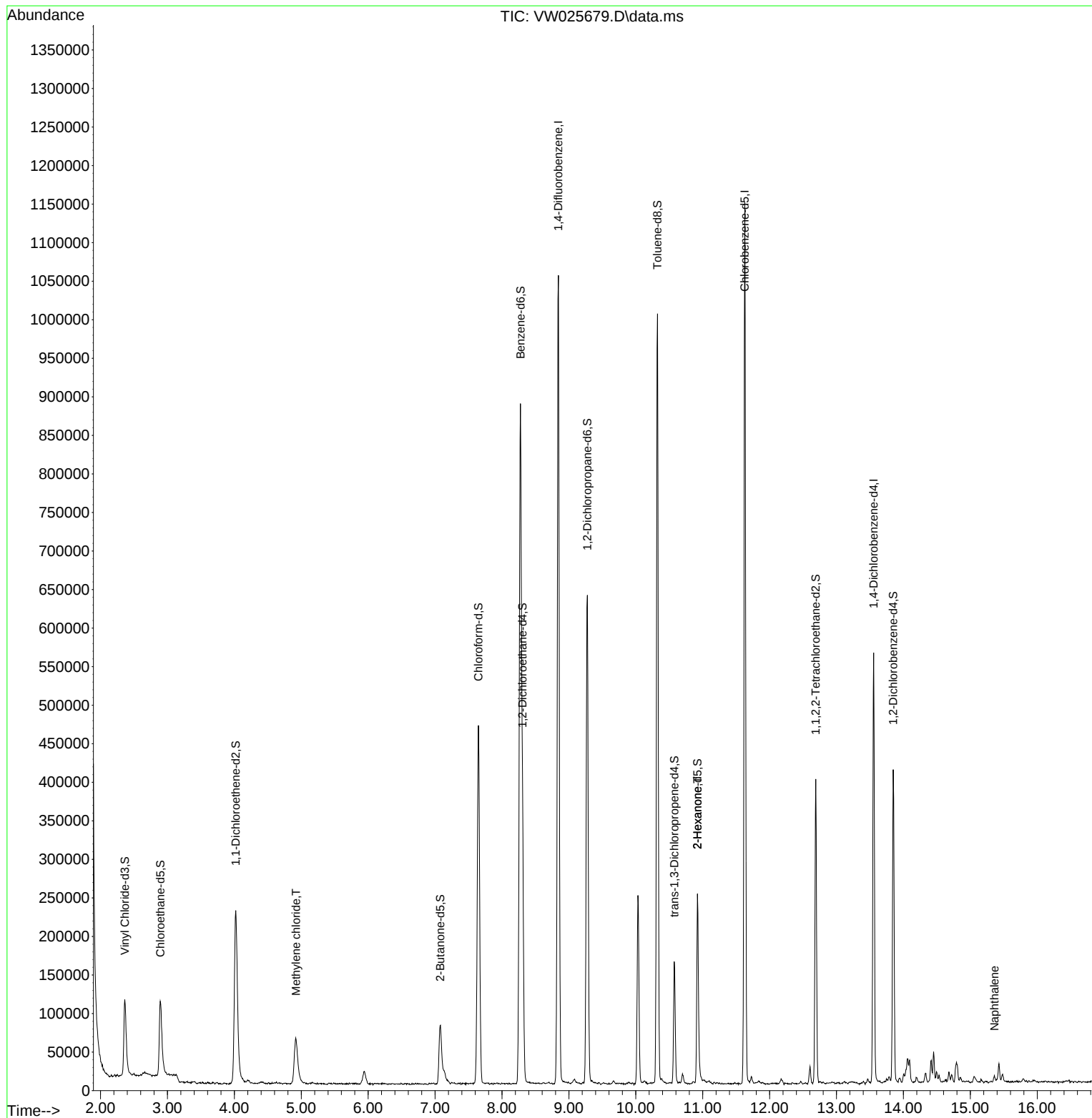
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 824535   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 584196   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 138094   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 160931   | 11.994   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 47.960%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 150590   | 15.764   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 63.040%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 63    | 284954   | 10.502   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 42.000%# |
| 21) 2-Butanone-d5             | 7.075  | 46    | 138282   | 46.198   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 92.400%  |
| 24) Chloroform-d              | 7.648  | 84    | 461289   | 19.925   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 79.720%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 262967   | 21.834   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 87.320%  |
| 32) Benzene-d6                | 8.276  | 84    | 864113   | 22.844   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 91.360%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 302991   | 25.689   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 102.760% |
| 41) Toluene-d8                | 10.325 | 98    | 638932   | 19.336   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 77.360%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 83421    | 18.865   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 75.440%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 77921    | 48.333   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.660%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 199259   | 25.030   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 100.120% |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 99256    | 20.922   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.680%  |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 4.923  | 84    | 50065    | 3.820    | ug/L   | 92       |
| 48) 2-Hexanone                | 10.922 | 43    | 17890    | 4.260    | ug/L # | 68       |
| 71) Naphthalene               | 15.360 | 128   | 6596     | 0.725    | ug/L # | 91       |

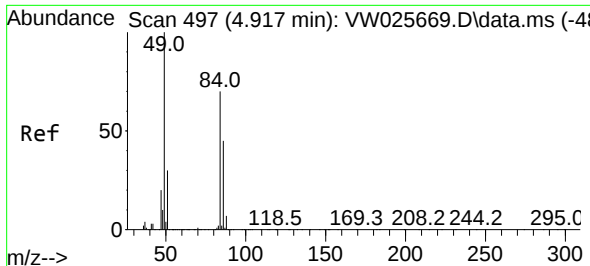
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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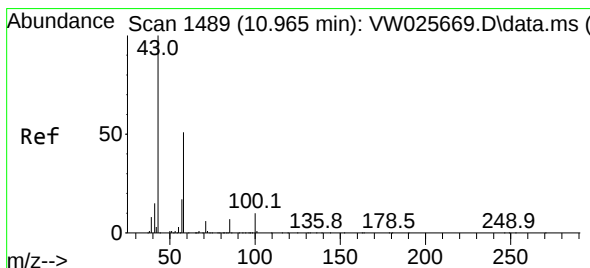
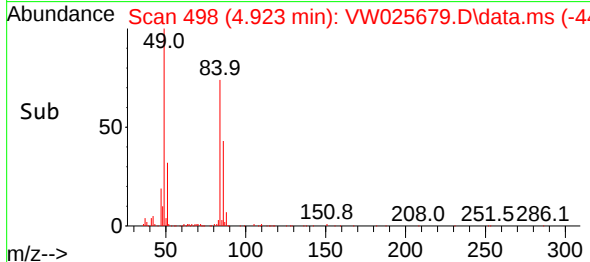
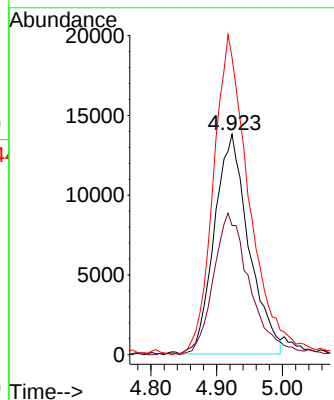
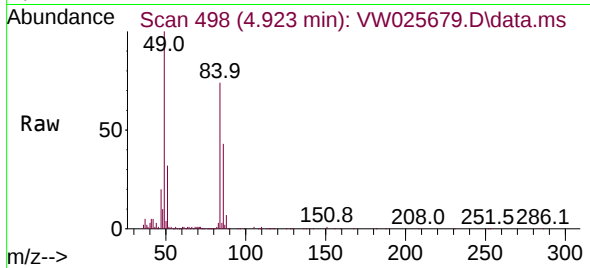




#16  
Methylene chloride  
Concen: 3.820 ug/L  
RT: 4.923 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VW025679.D  
Acq: 25 Apr 2023 13:26

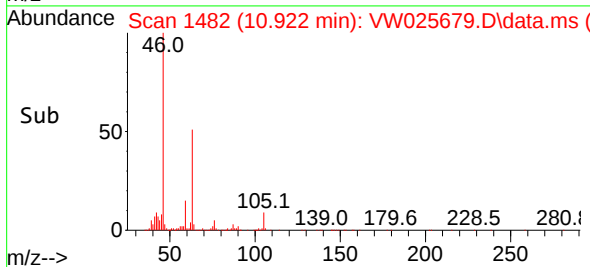
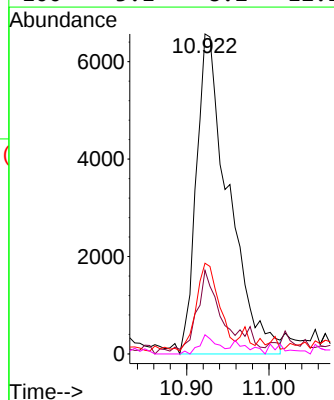
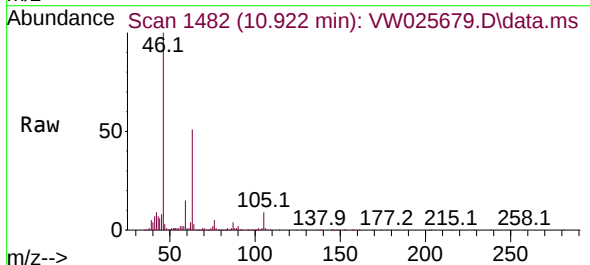
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW975

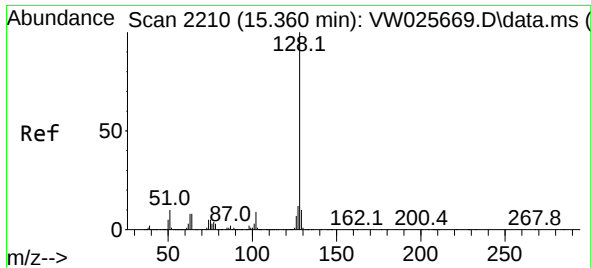
Tgt Ion: 84 Resp: 50065  
Ion Ratio Lower Upper  
84 100  
86 58.6 44.9 83.3  
49 134.9 101.4 188.4



#48  
2-Hexanone  
Concen: 4.260 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW025679.D  
Acq: 25 Apr 2023 13:26

Tgt Ion: 43 Resp: 17890  
Ion Ratio Lower Upper  
43 100  
58 17.9 38.6 57.8#  
57 19.4 13.9 20.9  
100 3.1 8.2 12.2#





#71  
Naphthalene  
Concen: 0.725 ug/L  
RT: 15.360 min Scan# 21  
Delta R.T. 0.000 min  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 18.1  | 10.4  | 15.6# |
| 129     | 12.6  | 8.7   | 13.1  |

