

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100821\  
 Data File : VW020423.D  
 Acq On : 08 Oct 2021 21:15  
 Operator : SY/VA  
 Sample : M4070-16  
 Misc : 4.56g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW7D9

Quant Time: Oct 09 04:21:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Oct 09 04:18:42 2021  
 Response via : Initial Calibration

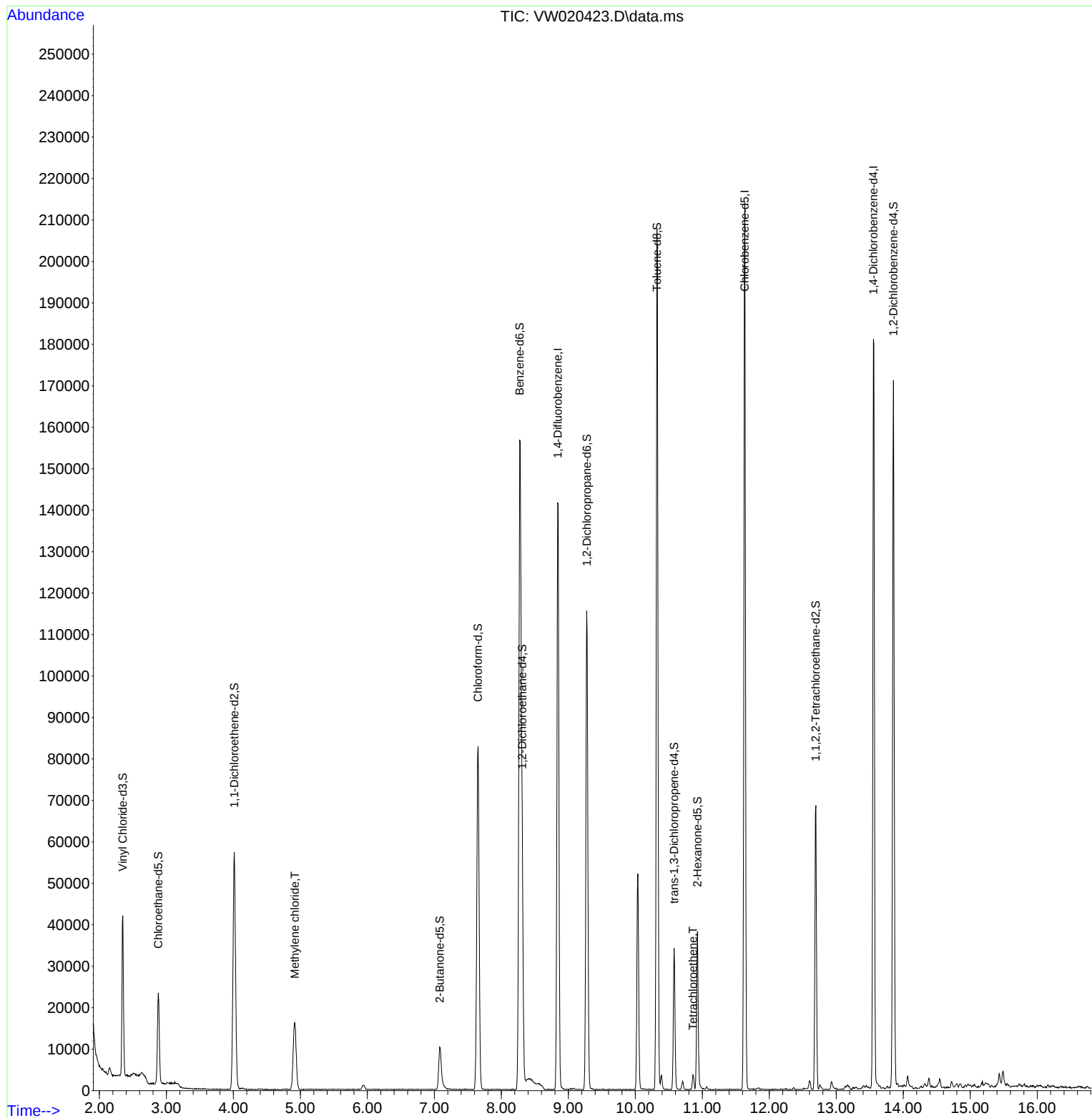
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 110495   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 107945   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 44680    | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 35636    | 22.164   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 88.640%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 21378    | 25.171   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 100.680% |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 56582    | 17.175   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 68.680%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 18671    | 38.158   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 76.320%  |
| 24) Chloroform-d              | 7.653  | 84    | 82175    | 23.331   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 93.320%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 46052    | 22.893   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 91.560%  |
| 32) Benzene-d6                | 8.275  | 84    | 152515   | 21.480   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 85.920%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 51871    | 22.415   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 89.640%  |
| 41) Toluene-d8                | 10.323 | 98    | 129210   | 20.281   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 81.120%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 17727    | 18.851   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 75.400%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 11197    | 31.453   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 62.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 33775    | 19.309   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 77.240%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 41658    | 23.835   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 95.320%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.915  | 84    | 11319    | 5.270    | ug/L  | 99       |
| 46) Tetrachloroethene         | 10.860 | 164   | 749      | 0.551    | ug/L  | 88       |
| -----                         |        |       |          |          |       |          |

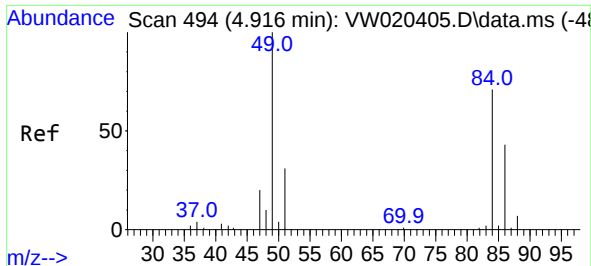
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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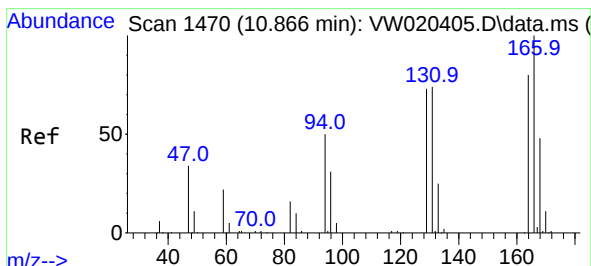
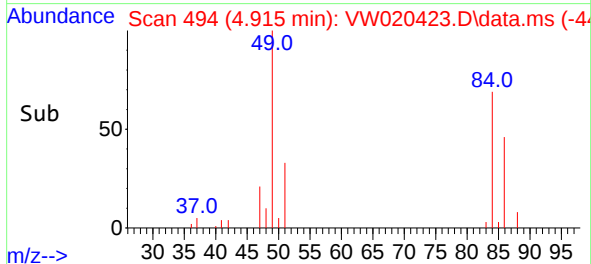
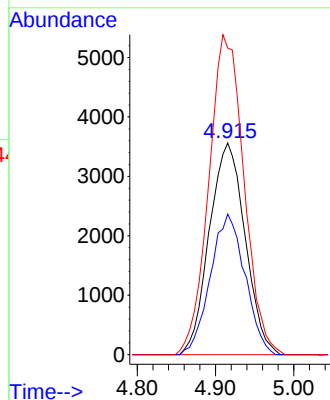
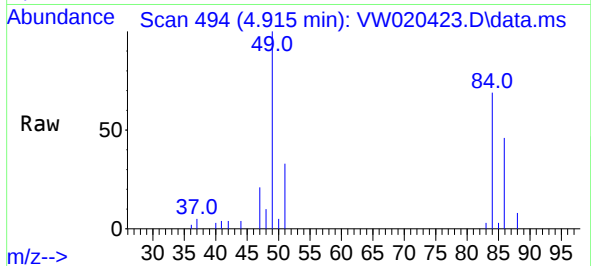




#16  
Methylene chloride  
Concen: 5.270 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. -0.000 min  
Lab File: VW020423.D  
Acq: 08 Oct 2021 21:15

Instrument :  
MSVOA\_W  
ClientSampled :  
EW7D9

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 11319 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 66.5  | 44.7  | 83.1  |
| 49       | 144.8 | 101.7 | 188.9 |



#46  
Tetrachloroethene  
Concen: 0.551 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: VW020423.D  
Acq: 08 Oct 2021 21:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 749   |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 118.0 | 69.1  | 128.3 |
| 131      | 102.0 | 58.3  | 108.3 |
| 166      | 127.9 | 90.4  | 168.0 |

