

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081821\  
 Data File : VW019786.D  
 Acq On : 18 Aug 2021 20:28  
 Operator : SY/VA  
 Sample : M3458-15  
 Misc : 6.76g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AW7

Quant Time: Aug 19 05:18:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Aug 19 05:14:25 2021  
 Response via : Initial Calibration

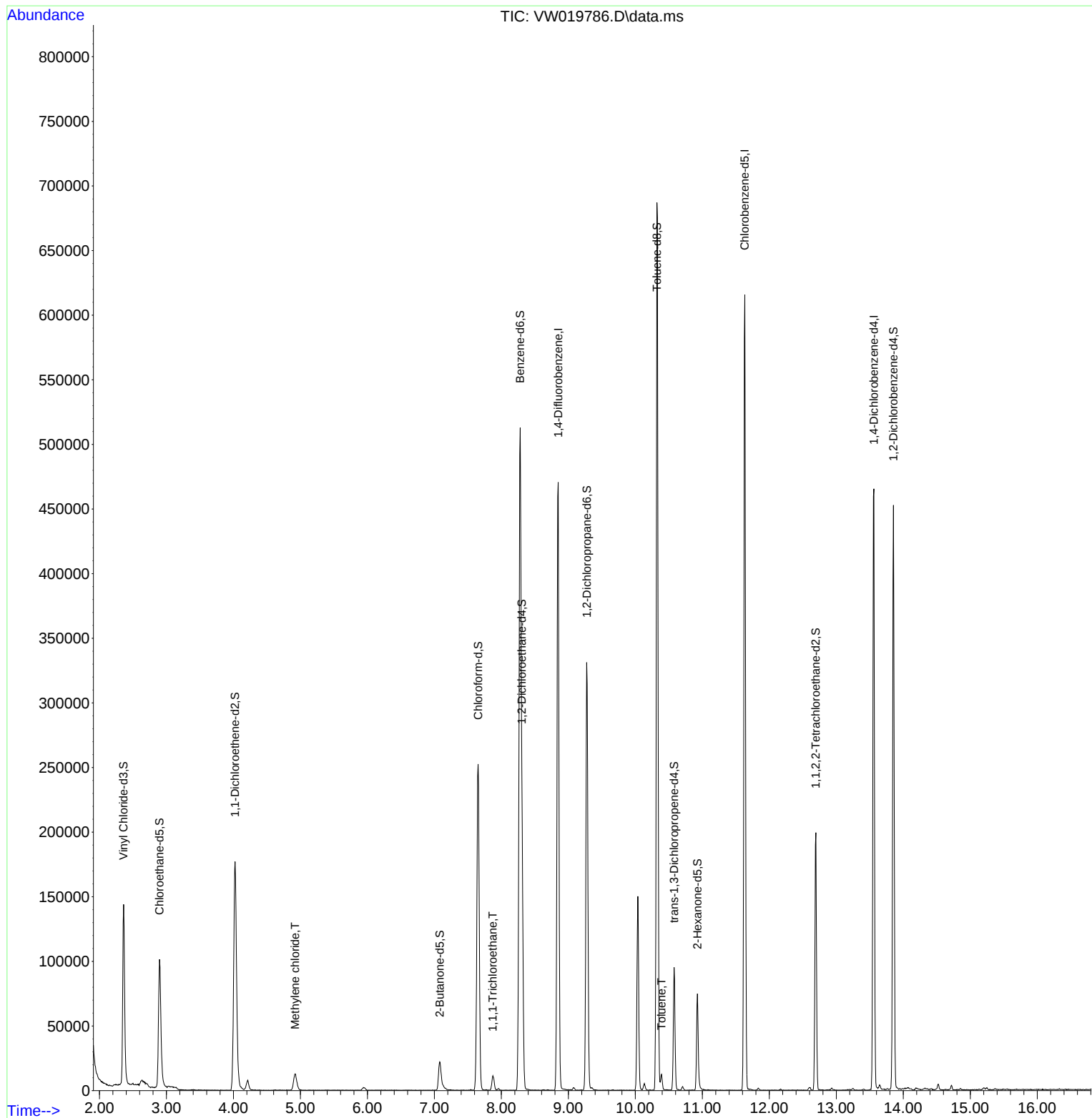
| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units    | Dev(Min)  |
|-------------------------------|--------|--------|----------|----------|--------|----------|-----------|
| -----                         |        |        |          |          |        |          |           |
| Internal Standards            |        |        |          |          |        |          |           |
| 1) 1,4-Difluorobenzene        |        | 8.848  | 114      | 383160   | 25.000 | ug/L     | 0.00      |
| 28) Chlorobenzene-d5          |        | 11.634 | 117      | 335711   | 25.000 | ug/L     | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    |        | 13.560 | 152      | 118400   | 25.000 | ug/L     | 0.00      |
| System Monitoring Compounds   |        |        |          |          |        |          |           |
| 4) Vinyl Chloride-d3          |        | 2.361  | 65       | 164715   | 27.746 | ug/L     | 0.00      |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | =      | 111.000% |           |
| 7) Chloroethane-d5            |        | 2.898  | 69       | 135772   | 26.056 | ug/L     | 0.00      |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | =      | 104.240% |           |
| 11) 1,1-Dichloroethene-d2     |        | 4.025  | 63       | 188248   | 18.274 | ug/L     | 0.00      |
| Spiked Amount                 | 25.000 | Range  | 45 - 110 | Recovery | =      | 73.080%  |           |
| 21) 2-Butanone-d5             |        | 7.080  | 46       | 36410    | 30.194 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | =      | 60.380%  |           |
| 24) Chloroform-d              |        | 7.653  | 84       | 256260   | 24.319 | ug/L     | 0.00      |
| Spiked Amount                 | 25.000 | Range  | 40 - 150 | Recovery | =      | 97.280%  |           |
| 26) 1,2-Dichloroethane-d4     |        | 8.305  | 65       | 132057   | 23.255 | ug/L     | 0.00      |
| Spiked Amount                 | 25.000 | Range  | 70 - 130 | Recovery | =      | 93.040%  |           |
| 32) Benzene-d6                |        | 8.281  | 84       | 514385   | 26.873 | ug/L     | 0.00      |
| Spiked Amount                 | 25.000 | Range  | 20 - 135 | Recovery | =      | 107.480% |           |
| 36) 1,2-Dichloropropane-d6    |        | 9.274  | 67       | 151652   | 26.162 | ug/L     | 0.00      |
| Spiked Amount                 | 25.000 | Range  | 70 - 120 | Recovery | =      | 104.640% |           |
| 41) Toluene-d8                |        | 10.323 | 98       | 445265   | 25.384 | ug/L     | 0.00      |
| Spiked Amount                 | 25.000 | Range  | 30 - 130 | Recovery | =      | 101.520% |           |
| 43) trans-1,3-Dichloroprop... |        | 10.579 | 79       | 50959    | 21.280 | ug/L     | 0.00      |
| Spiked Amount                 | 25.000 | Range  | 30 - 135 | Recovery | =      | 85.120%  |           |
| 47) 2-Hexanone-d5             |        | 10.927 | 63       | 23410    | 28.990 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | =      | 57.980%  |           |
| 56) 1,1,2,2-Tetrachloroeth... |        | 12.695 | 84       | 96076    | 20.364 | ug/L     | 0.00      |
| Spiked Amount                 | 25.000 | Range  | 45 - 120 | Recovery | =      | 81.440%  |           |
| 66) 1,2-Dichlorobenzene-d4    |        | 13.853 | 152      | 111701   | 27.503 | ug/L     | 0.00      |
| Spiked Amount                 | 25.000 | Range  | 75 - 120 | Recovery | =      | 110.000% |           |
| Target Compounds              |        |        |          |          |        |          |           |
| 16) Methylene chloride        |        | 4.922  | 84       | 10472    | 1.592  | ug/L     | Qvalue 97 |
| 30) 1,1,1-Trichloroethane     |        | 7.872  | 97       | 8385     | 1.118  | ug/L     | # 82      |
| 42) Toluene                   |        | 10.390 | 91       | 8214     | 0.376  | ug/L     | 100       |
| -----                         |        |        |          |          |        |          |           |

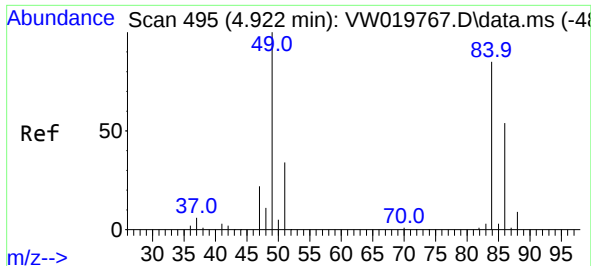
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081821\  
Data File : VW019786.D  
Acq On : 18 Aug 2021 20:28  
Operator : SY/VA  
Sample : M3458-15  
Misc : 6.76g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AW7

Quant Time: Aug 19 05:18:54 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Aug 19 05:14:25 2021  
Response via : Initial Calibration

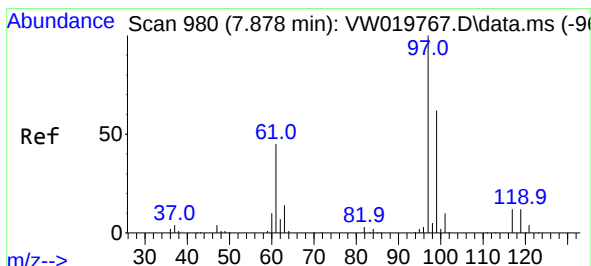
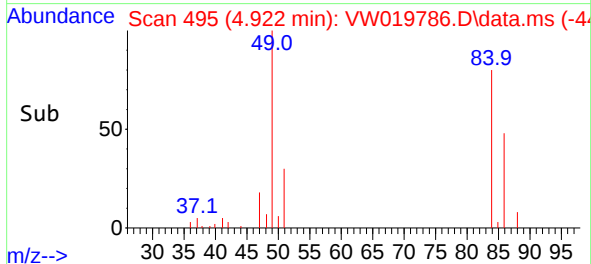
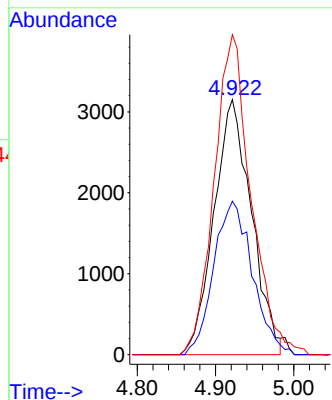
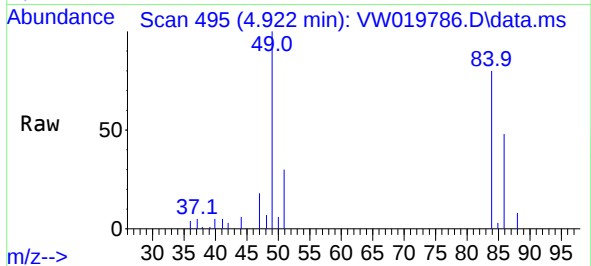




#16  
Methylene chloride  
Concen: 1.592 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW019786.D  
Acq: 18 Aug 2021 20:28

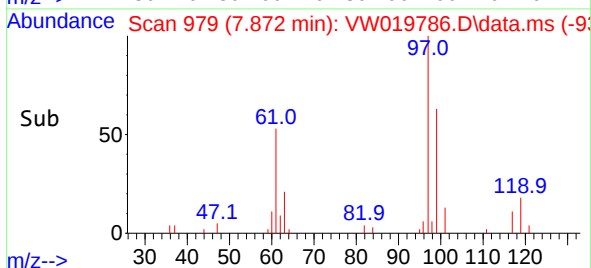
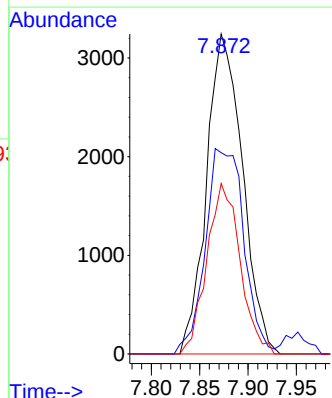
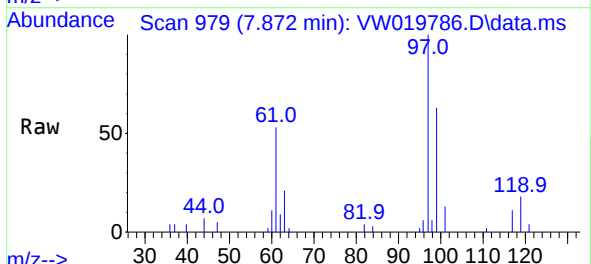
Instrument :  
MSVOA\_W  
ClientSampled :  
C0AW7

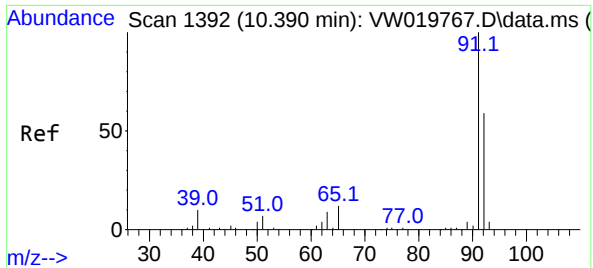
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 10472 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 60.1  | 45.3  | 84.1  |
| 49       | 125.5 | 86.6  | 160.8 |



#30  
1,1,1-Trichloroethane  
Concen: 1.118 ug/L  
RT: 7.872 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VW019786.D  
Acq: 18 Aug 2021 20:28

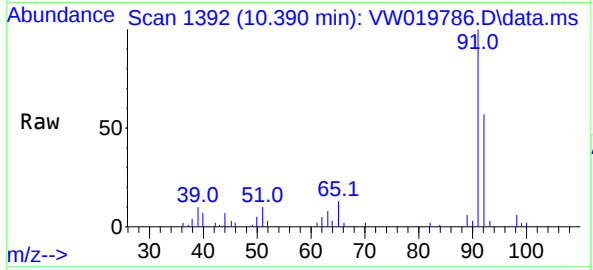
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 8385  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 41.7  | 51.4  | 77.2# |
| 61       | 49.3  | 37.8  | 56.6  |





#42  
Toluene  
Concen: 0.376 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW019786.D  
Acq: 18 Aug 2021 20:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AW7



Tgt Ion: 91 Resp: 8214  
Ion Ratio Lower Upper  
91 100  
92 56.5 39.5 73.3

