

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110621\  
 Data File : VW020786.D  
 Acq On : 05 Nov 2021 18:00  
 Operator : SY/VA  
 Sample : VIBLK  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 08 04:53:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110621SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Nov 08 04:38:07 2021  
 Response via : Initial Calibration

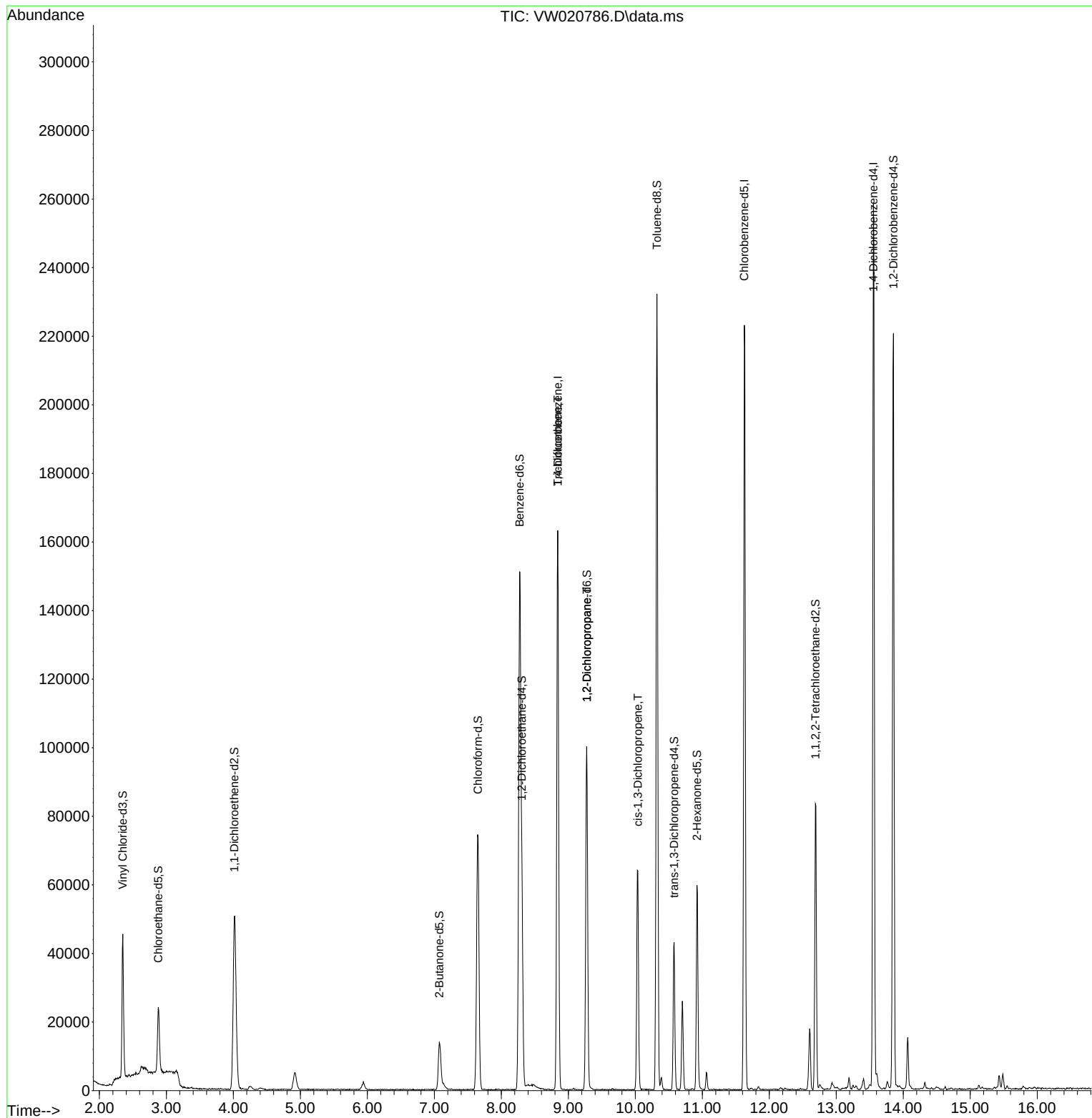
| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|----------|----------|
| -----                         |        |        |          |          |        |          |          |
| Internal Standards            |        |        |          |          |        |          |          |
| 1) 1,4-Difluorobenzene        |        | 8.842  | 114      | 138738   | 25.000 | ug/L     | # 0.00   |
| 28) Chlorobenzene-d5          |        | 11.628 | 117      | 125565   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 13.554 | 152      | 70469    | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |        |        |          |          |        |          |          |
| 4) Vinyl Chloride-d3          |        | 2.349  | 65       | 39447    | 30.241 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | =      | 120.960% |          |
| 7) Chloroethane-d5            |        | 2.879  | 69       | 21796    | 29.495 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | =      | 117.960% |          |
| 11) 1,1-Dichloroethene-d2     |        | 4.013  | 63       | 49457    | 18.063 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 110 | Recovery | =      | 72.240%  |          |
| 21) 2-Butanone-d5             |        | 7.074  | 46       | 24674    | 56.956 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | =      | 113.920% |          |
| 24) Chloroform-d              |        | 7.653  | 84       | 74886    | 24.292 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 40 - 150 | Recovery | =      | 97.160%  |          |
| 26) 1,2-Dichloroethane-d4     |        | 8.305  | 65       | 43174    | 26.308 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 130 | Recovery | =      | 105.240% |          |
| 32) Benzene-d6                |        | 8.275  | 84       | 151789   | 26.756 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 20 - 135 | Recovery | =      | 107.040% |          |
| 36) 1,2-Dichloropropane-d6    |        | 9.274  | 67       | 44770    | 25.489 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 120 | Recovery | =      | 101.960% |          |
| 41) Toluene-d8                |        | 10.323 | 98       | 146081   | 26.467 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 130 | Recovery | =      | 105.880% |          |
| 43) trans-1,3-Dichloroprop... |        | 10.579 | 79       | 22913    | 26.301 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 135 | Recovery | =      | 105.200% |          |
| 47) 2-Hexanone-d5             |        | 10.921 | 63       | 20859    | 58.693 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | =      | 117.380% |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 12.689 | 84       | 39578    | 27.189 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 120 | Recovery | =      | 108.760% |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 13.853 | 152      | 57164    | 25.812 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 75 - 120 | Recovery | =      | 103.240% |          |
| Target Compounds              |        |        |          |          |        |          |          |
| 34) Trichloroethene           |        | 8.842  | 95       | 3903     | 1.950  | ug/L     | # 5      |
| 37) 1,2-Dichloropropane       |        | 9.274  | 63       | 5352     | 3.006  | ug/L     | # 88     |
| 39) cis-1,3-Dichloropropene   |        | 10.037 | 75       | 1933     | 0.667  | ug/L     | 84       |
| -----                         |        |        |          |          |        |          |          |

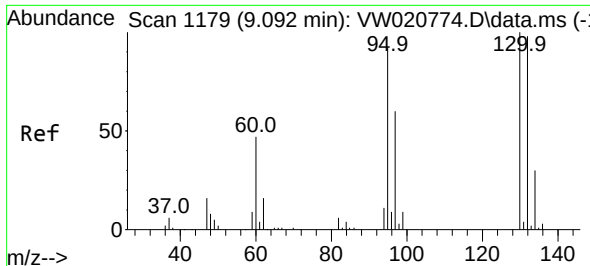
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VIBLK  
Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

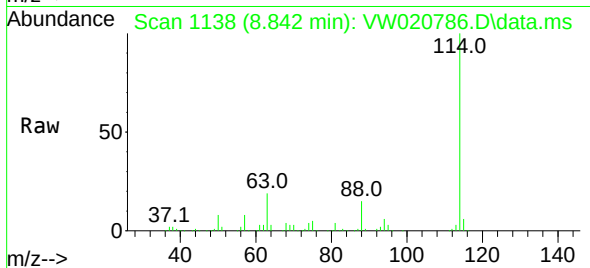
Quant Time: Nov 08 04:53:56 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110621SMA.M  
Quant Title : SFAM01.0  
QLast Update : Mon Nov 08 04:38:07 2021  
Response via : Initial Calibration



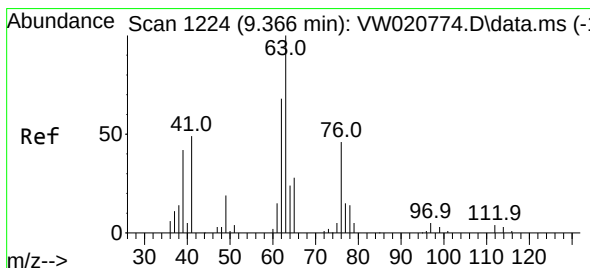
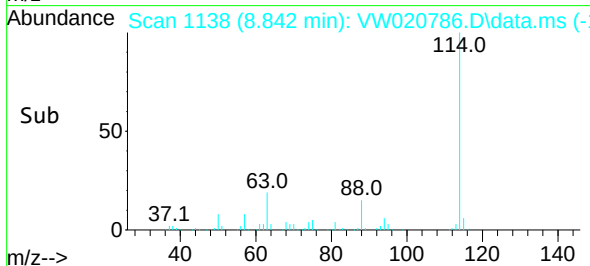
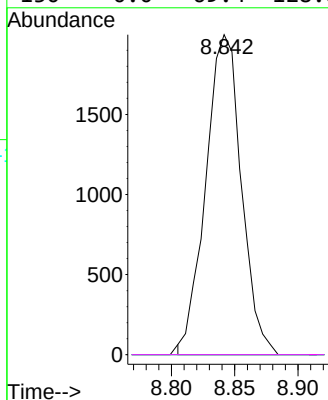


#34  
 Trichloroethene  
 Concen: 1.950 ug/L  
 RT: 8.842 min Scan# 1179  
 Delta R.T. -0.250 min  
 Lab File: VW020786.D  
 Acq: 05 Nov 2021 18:00

Instrument :  
 MSVOA\_W  
 ClientSampleId :

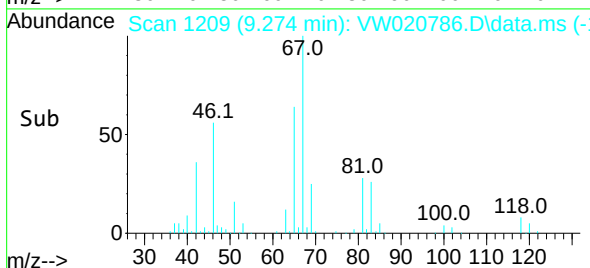
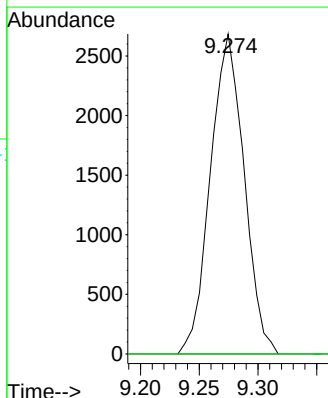
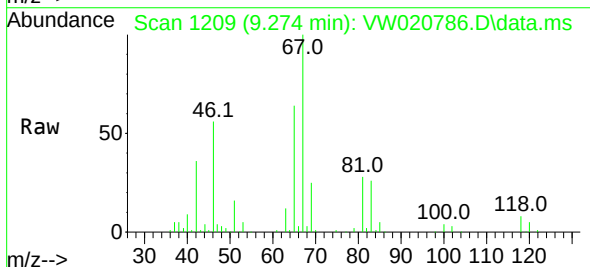


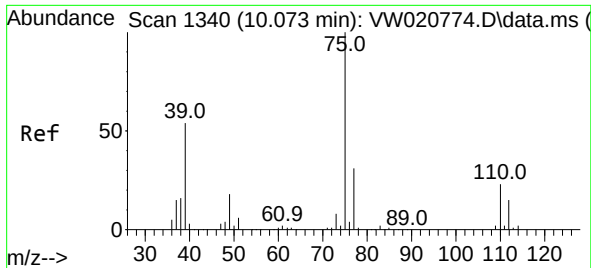
Tgt Ion: 95 Resp: 3903  
 Ion Ratio Lower Upper  
 95 100  
 97 0.0 47.0 87.2#  
 132 0.0 65.5 121.6#  
 130 0.0 69.4 128.8#



#37  
 1,2-Dichloropropane  
 Concen: 3.006 ug/L  
 RT: 9.274 min Scan# 1209  
 Delta R.T. -0.098 min  
 Lab File: VW020786.D  
 Acq: 05 Nov 2021 18:00

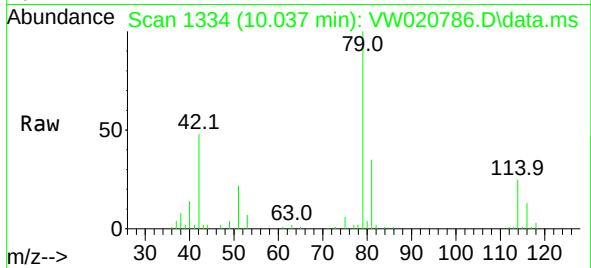
Tgt Ion: 63 Resp: 5352  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.2 4.8#





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.667 ug/L  
 RT: 10.037 min Scan# 11  
 Delta R.T. -0.036 min  
 Lab File: VW020786.D  
 Acq: 05 Nov 2021 18:00

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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 39.9  | 21.8  | 40.6  |

