

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092421\  
 Data File : VW020181.D  
 Acq On : 24 Sep 2021 10:46  
 Operator : SY/VA  
 Sample : M3874-01  
 Misc : 5.36g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 25 00:39:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 25 00:37:21 2021  
 Response via : Initial Calibration

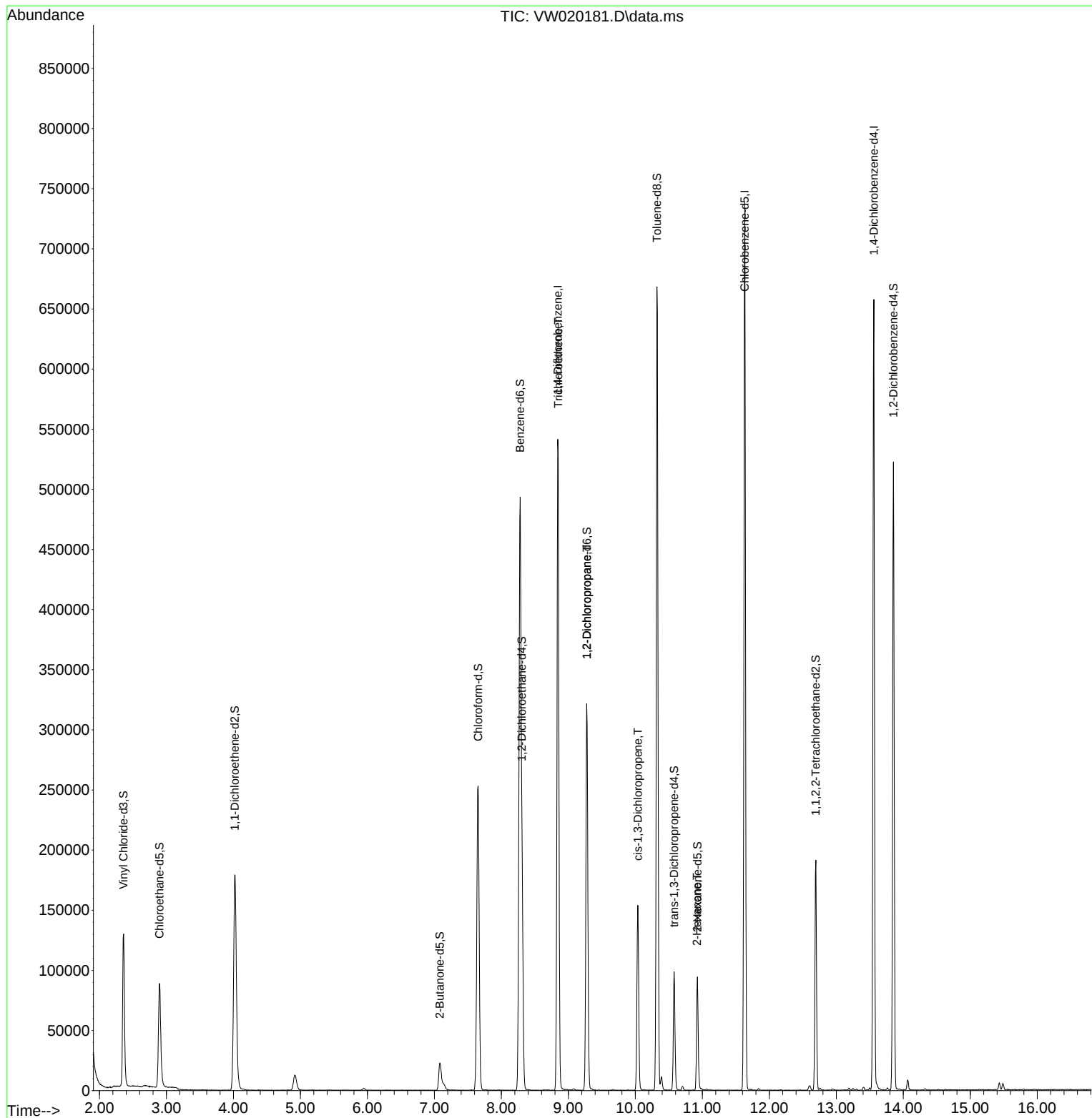
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 432273   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 392255   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 161837   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 147651   | 16.696   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 66.800%  |
| 7) Chloroethane-d5            | 2.897  | 69    | 115232   | 17.297   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.200%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 191543   | 13.834   | ug/L   | -0.01    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 55.320%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 39660    | 29.062   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 58.120%  |
| 24) Chloroform-d              | 7.653  | 84    | 260799   | 19.184   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 76.720%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 134436   | 18.374   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 73.480%  |
| 32) Benzene-d6                | 8.281  | 84    | 486481   | 19.440   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 77.760%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 143606   | 19.828   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 79.320%  |
| 41) Toluene-d8                | 10.323 | 98    | 431951   | 18.970   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 75.880%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 53929    | 17.421   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 69.680%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 29198    | 29.132   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 58.260%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 91991    | 16.466   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 65.880%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 128882   | 21.238   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 84.960%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 8.848  | 95    | 13180    | 2.080    | ug/L # | 5        |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 17459    | 2.978    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 4190     | 0.484    | ug/L   | 89       |
| 48) 2-Hexanone                | 10.920 | 43    | 4127     | 2.006    | ug/L # | 71       |
| -----                         |        |       |          |          |        |          |

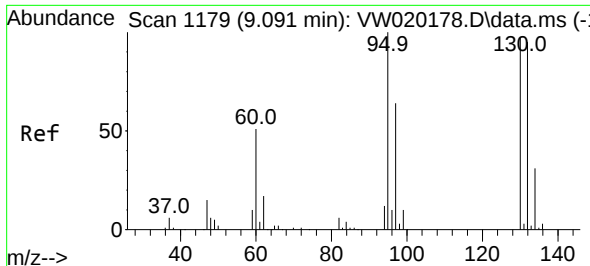
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA\_W  
ClientSampled :

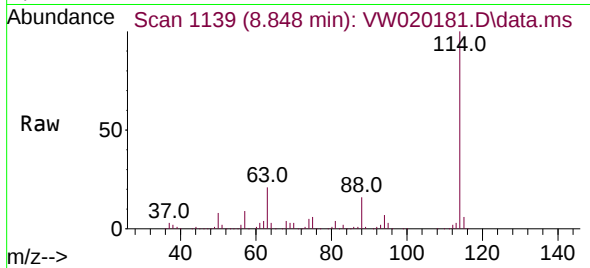
Quant Time: Sep 25 00:39:49 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Sep 25 00:37:21 2021  
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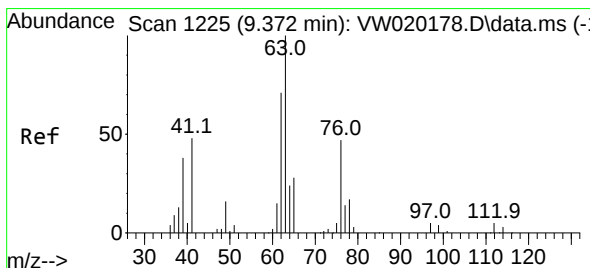
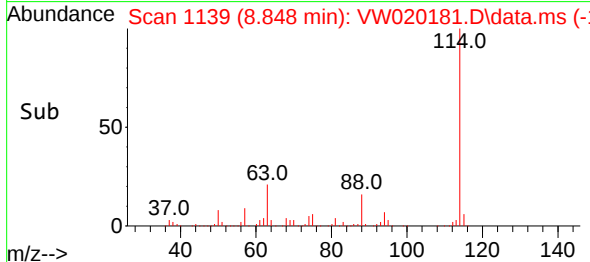
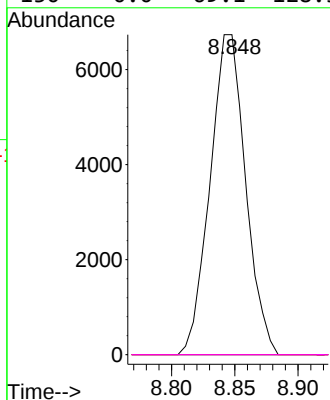


#34  
Trichloroethene  
Concen: 2.080 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW020181.D  
Acq: 24 Sep 2021 10:46

Instrument :  
MSVOA\_W  
ClientSampled :

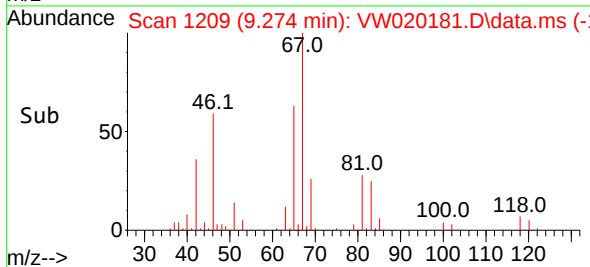
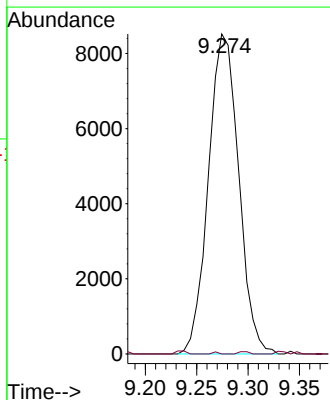
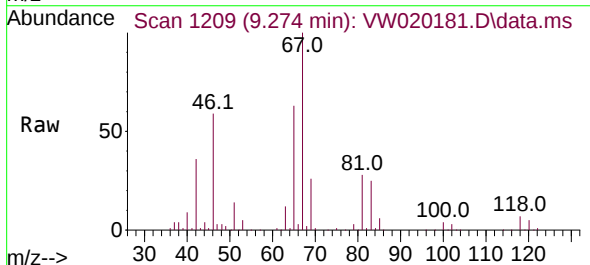


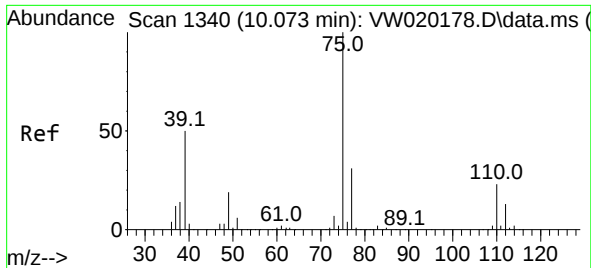
| Tgt Ion:  | 95  | Resp: | 13180  |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 95        | 100 |       |        |
| 97        | 0.0 | 45.1  | 83.7#  |
| 132       | 0.0 | 67.9  | 126.1# |
| 130       | 0.0 | 69.1  | 128.3# |



#37  
1,2-Dichloropropane  
Concen: 2.978 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.097 min  
Lab File: VW020181.D  
Acq: 24 Sep 2021 10:46

| Tgt Ion:  | 63  | Resp: | 17459 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 63        | 100 |       |       |
| 112       | 0.3 | 3.6   | 5.4#  |

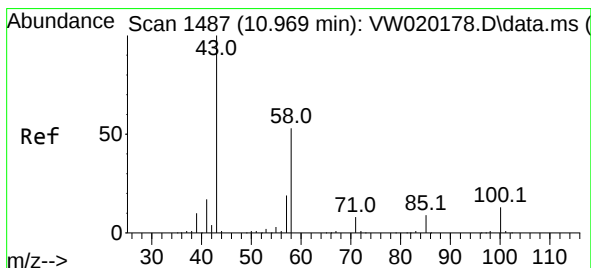
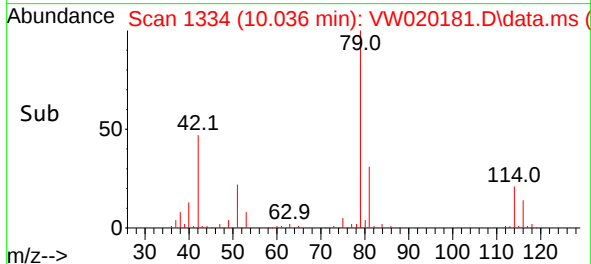
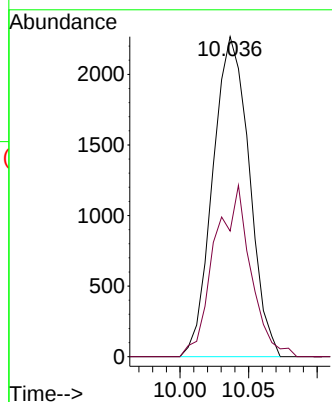
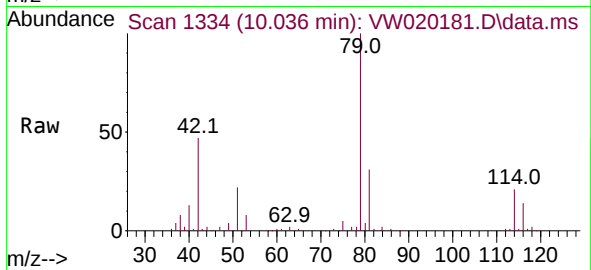




#39  
cis-1,3-Dichloropropene  
Concen: 0.484 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW020181.D  
Acq: 24 Sep 2021 10:46

Instrument :  
MSVOA\_W  
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Tgt Ion: 75 Resp: 4190  
Ion Ratio Lower Upper  
75 100  
77 39.3 23.0 42.6



#48  
2-Hexanone  
Concen: 2.006 ug/L  
RT: 10.920 min Scan# 1479  
Delta R.T. -0.049 min  
Lab File: VW020181.D  
Acq: 24 Sep 2021 10:46

Tgt Ion: 43 Resp: 4127  
Ion Ratio Lower Upper  
43 100  
58 35.6 43.8 65.6#  
57 37.8 15.6 23.4#  
100 4.1 10.5 15.7#

