

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW102021\  
 Data File : VW020641.D  
 Acq On : 20 Oct 2021 09:48  
 Operator : SY/VA  
 Sample : M4207-09RE  
 Misc : 5.40g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 21 01:09:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 21 01:08:32 2021  
 Response via : Initial Calibration

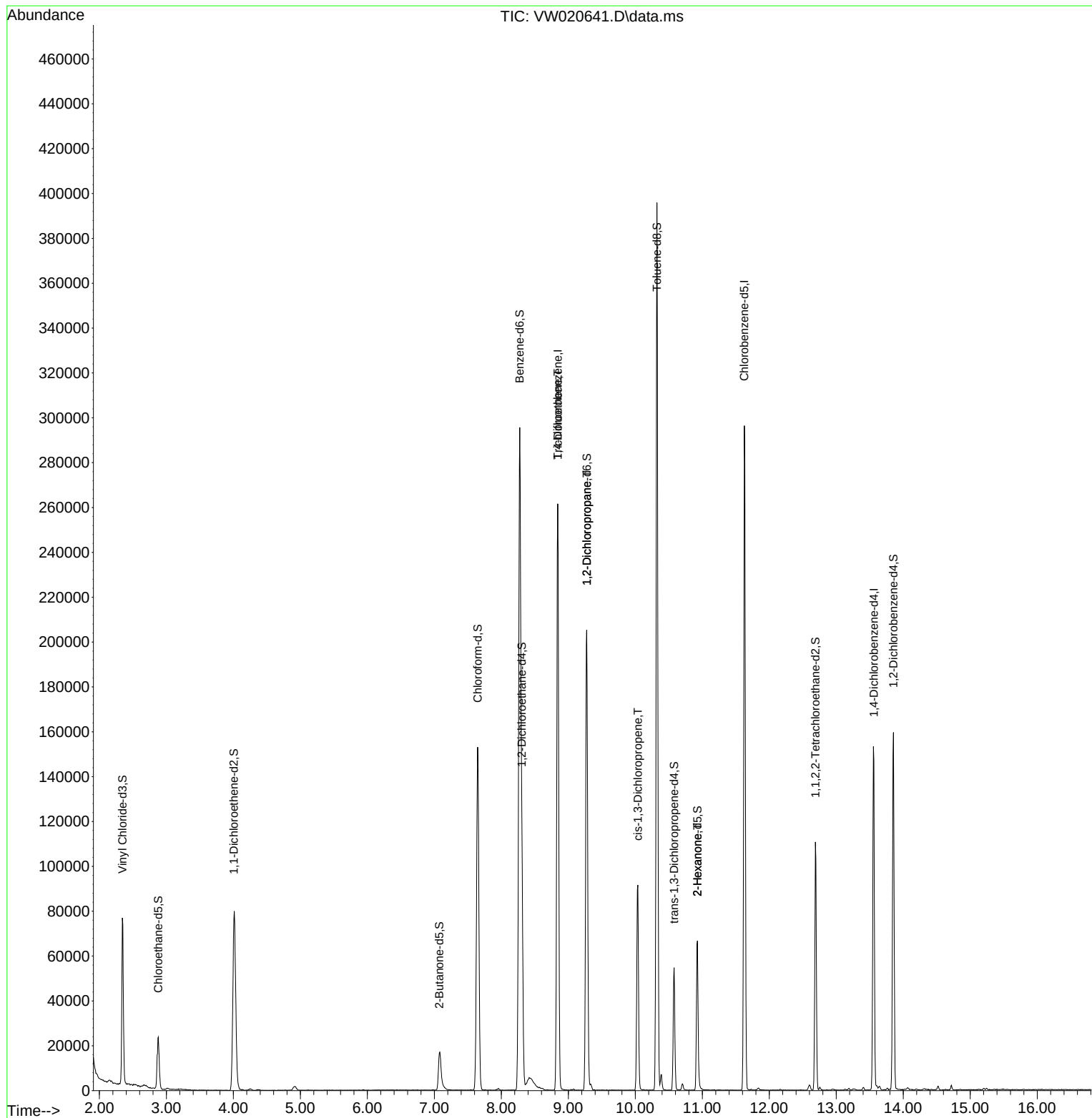
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 198100   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 149884   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 37076    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 71914    | 24.948   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 99.800%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 26278    | 17.258   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.040%  |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63    | 80576    | 13.642   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 54.560%  |
| 21) 2-Butanone-d5             | 7.074  | 46    | 30390    | 34.642   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 69.280%  |
| 24) Chloroform-d              | 7.647  | 84    | 149870   | 23.734   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 94.920%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 80105    | 22.211   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 88.840%  |
| 32) Benzene-d6                | 8.275  | 84    | 281795   | 28.582   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 114.320% |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 93348    | 29.051   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 116.200% |
| 41) Toluene-d8                | 10.323 | 98    | 237371   | 26.833   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 107.320% |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 28792    | 22.050   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 88.200%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 20448    | 41.367   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 82.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 52717    | 21.705   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 86.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 38695    | 26.680   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 106.720% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 8.842  | 95    | 6412     | 2.438    | ug/L # | 8        |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 11089    | 4.011    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 2418     | 0.634    | ug/L # | 70       |
| 48) 2-Hexanone                | 10.927 | 43    | 3771     | 3.097    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

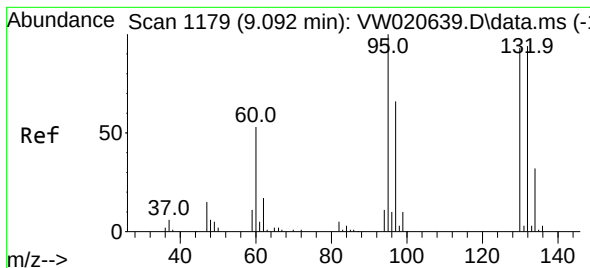
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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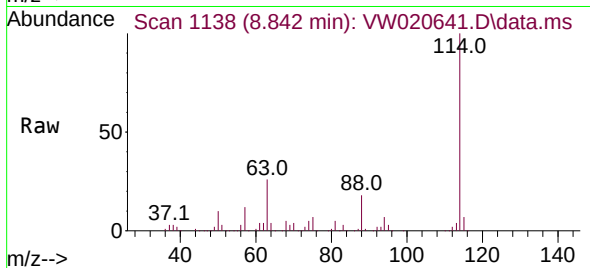
Quant Time: Oct 21 01:09:44 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Oct 21 01:08:32 2021  
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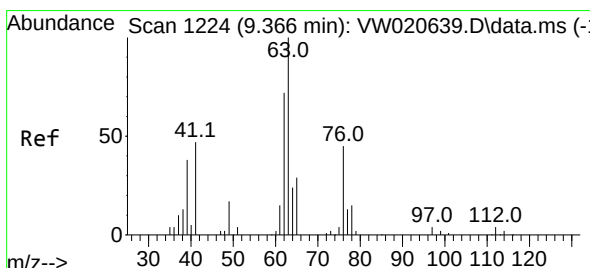
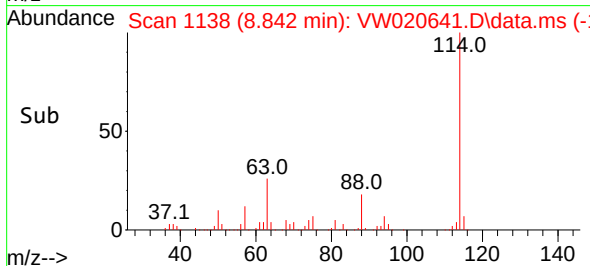
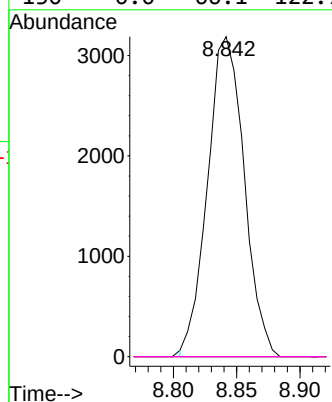
#34  
Trichloroethene  
Concen: 2.438 ug/L  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW020641.D  
Acq: 20 Oct 2021 09:48

Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion: 95 Resp: 6412

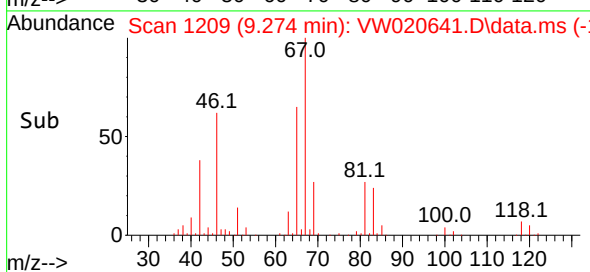
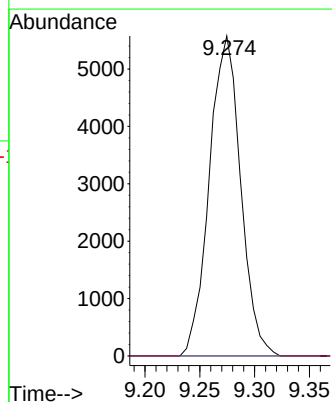
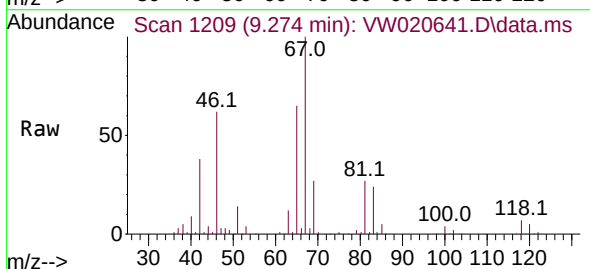
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 95  | 100   |       |        |
| 97  | 0.0   | 43.2  | 80.2#  |
| 132 | 0.0   | 62.3  | 115.7# |
| 130 | 0.0   | 66.1  | 122.7# |

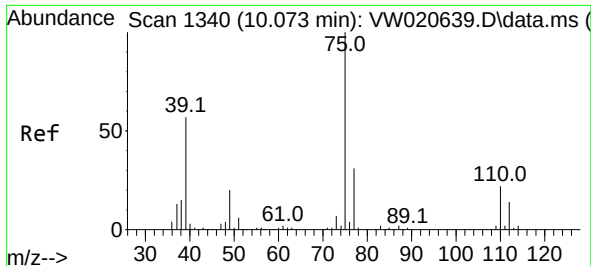


#37  
1,2-Dichloropropane  
Concen: 4.011 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.092 min  
Lab File: VW020641.D  
Acq: 20 Oct 2021 09:48

Tgt Ion: 63 Resp: 11089

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 112 | 0.0   | 3.5   | 5.3#  |

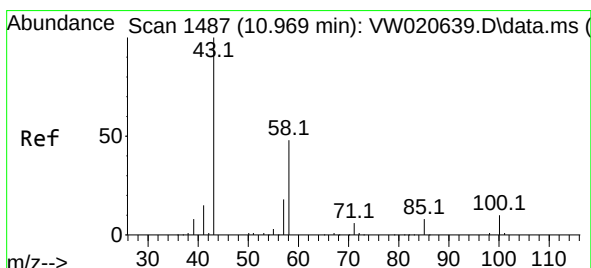
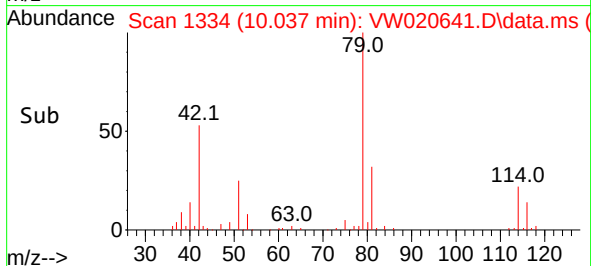
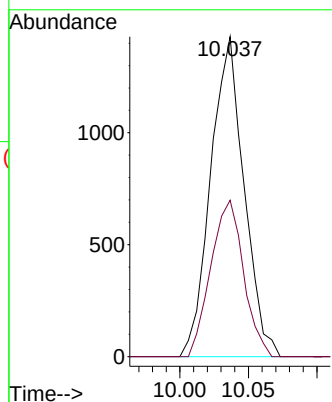
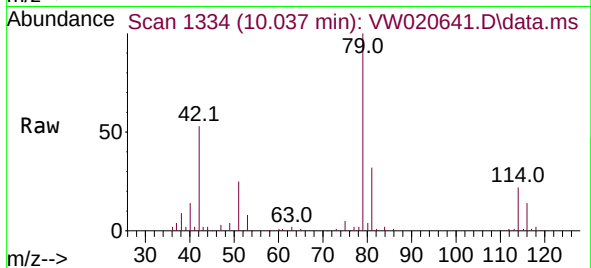




#39  
cis-1,3-Dichloropropene  
Concen: 0.634 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW020641.D  
Acq: 20 Oct 2021 09:48

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 75 Resp: 2418  
Ion Ratio Lower Upper  
75 100  
77 48.9 22.4 41.6#



#48  
2-Hexanone  
Concen: 3.097 ug/L  
RT: 10.927 min Scan# 1480  
Delta R.T. -0.043 min  
Lab File: VW020641.D  
Acq: 20 Oct 2021 09:48

Tgt Ion: 43 Resp: 3771  
Ion Ratio Lower Upper  
43 100  
58 24.4 39.5 59.3#  
57 28.4 14.2 21.4#  
100 2.8 8.2 12.4#

