

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101121\  
 Data File : VW020437.D  
 Acq On : 11 Oct 2021 12:11  
 Operator : SY/VA  
 Sample : VIBLK  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 12 01:24:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Oct 12 01:21:43 2021  
 Response via : Initial Calibration

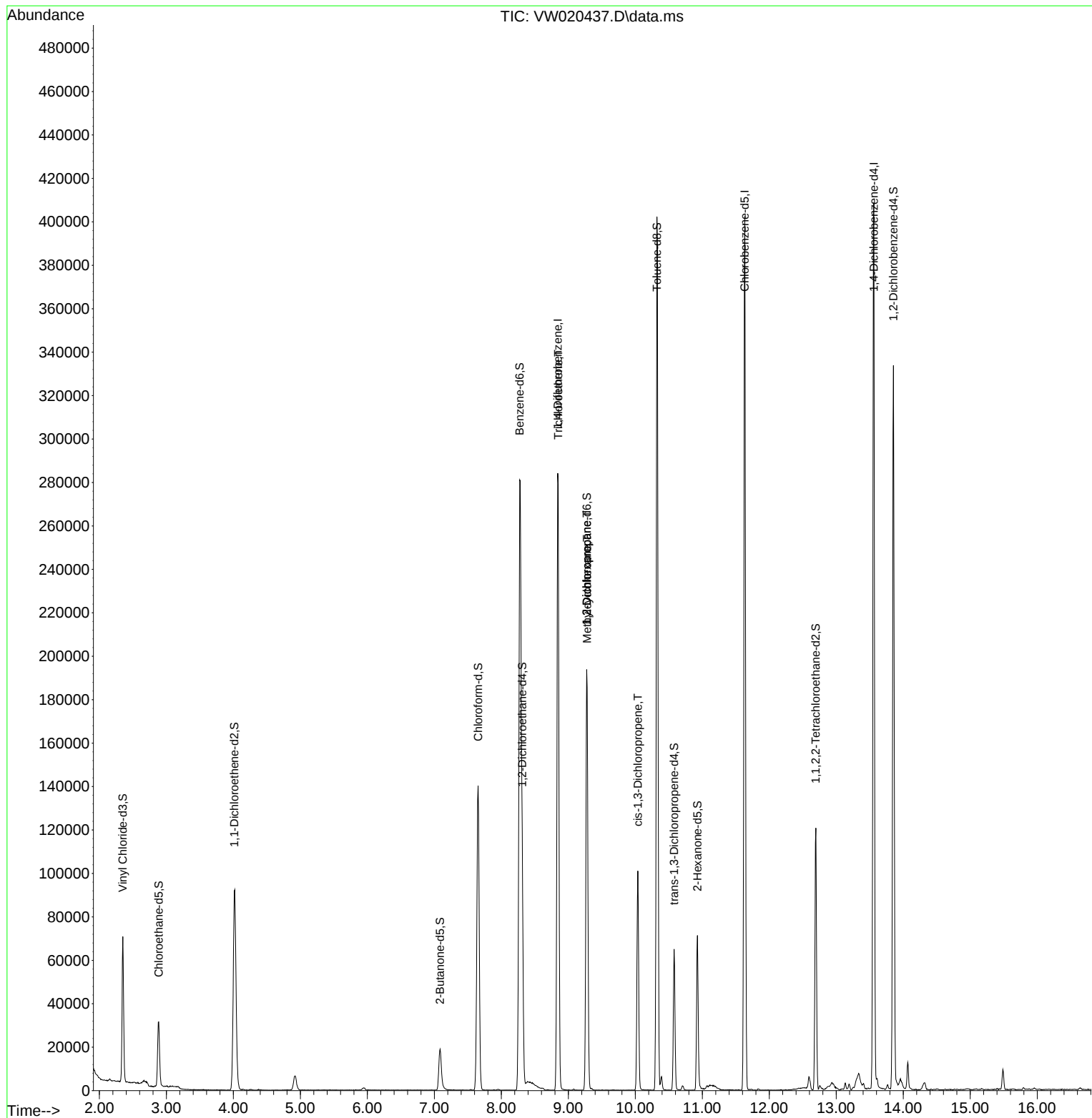
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 221017   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 205732   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 97266    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 63030    | 19.599   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 78.400%  |
| 7) Chloroethane-d5            | 2.886  | 69    | 31948    | 18.806   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 75.240%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 96088    | 14.581   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 58.320%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 34008    | 34.746   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 69.500%  |
| 24) Chloroform-d              | 7.653  | 84    | 139333   | 19.777   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 79.120%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 79224    | 19.689   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 78.760%  |
| 32) Benzene-d6                | 8.275  | 84    | 276866   | 20.459   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 81.840%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 88913    | 20.159   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 80.640%  |
| 41) Toluene-d8                | 10.323 | 98    | 250676   | 20.645   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 82.560%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 33926    | 18.929   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 75.720%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 22485    | 33.140   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 66.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 58912    | 17.671   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 70.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 79984    | 21.021   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 84.080%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 8.848  | 95    | 6995     | 1.938    | ug/L # | 8        |
| 35) Methylcyclohexane         | 9.281  | 83    | 20713    | 3.353    | ug/L # | 15       |
| 37) 1,2-Dichloropropane       | 9.275  | 63    | 10434    | 2.750    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 2528     | 0.483    | ug/L # | 77       |
| -----                         |        |       |          |          |        |          |

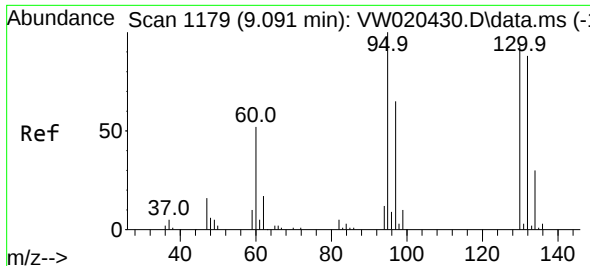
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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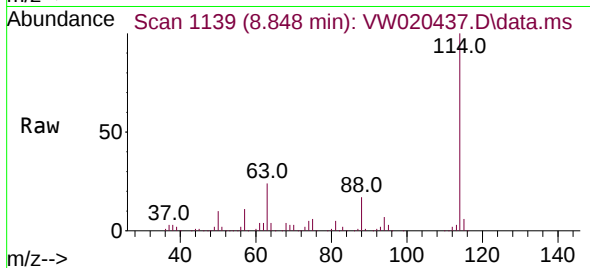
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
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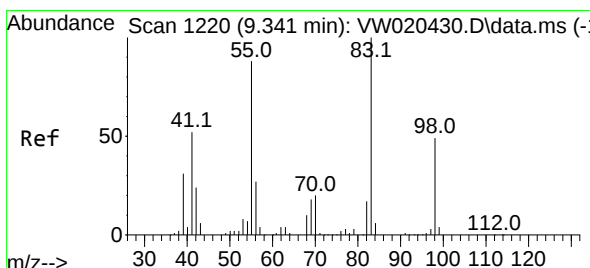
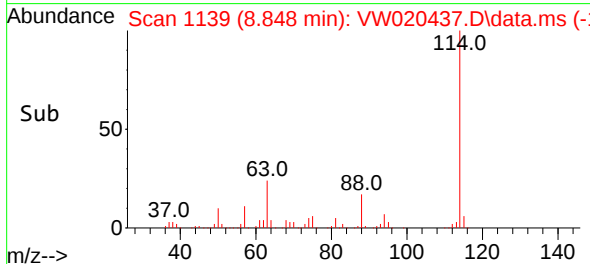
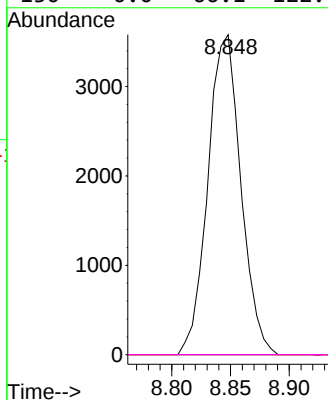


#34  
Trichloroethene  
Concen: 1.938 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.243 min  
Lab File: VW020437.D  
Acq: 11 Oct 2021 12:11

Instrument :  
MSVOA\_W  
ClientSampled :

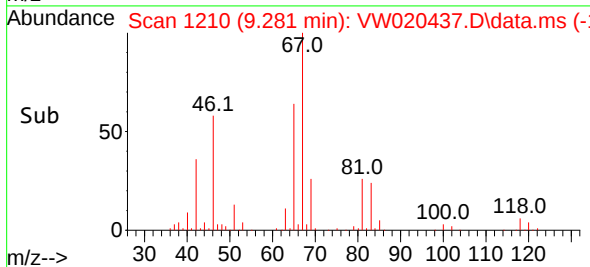
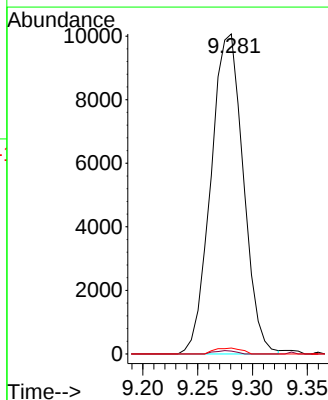
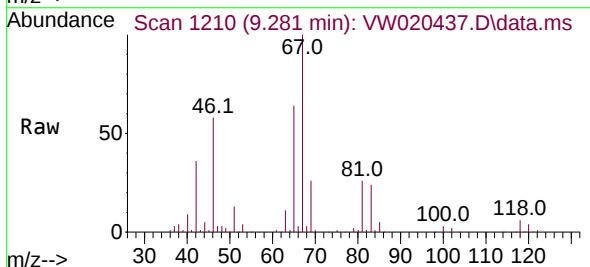


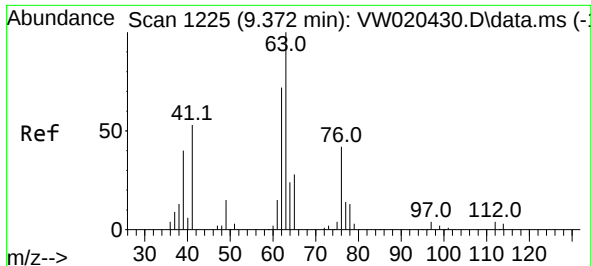
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 95      | 100   |       |        |
| 97      | 0.0   | 43.2  | 80.2#  |
| 132     | 0.0   | 62.3  | 115.7# |
| 130     | 0.0   | 66.1  | 122.7# |



#35  
Methylcyclohexane  
Concen: 3.353 ug/L  
RT: 9.281 min Scan# 1210  
Delta R.T. -0.061 min  
Lab File: VW020437.D  
Acq: 11 Oct 2021 12:11

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 83      | 100   |       |        |
| 55      | 0.7   | 69.7  | 104.5# |
| 98      | 1.5   | 38.2  | 57.2#  |

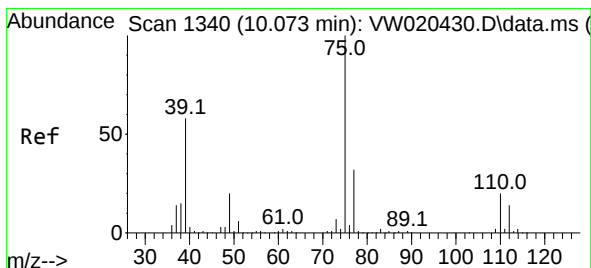
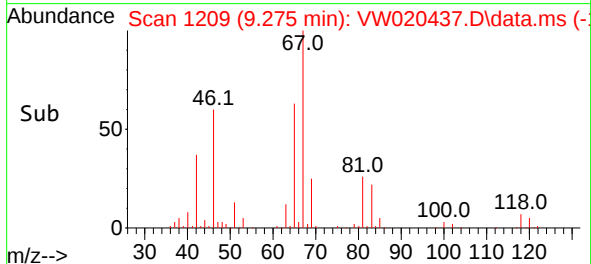
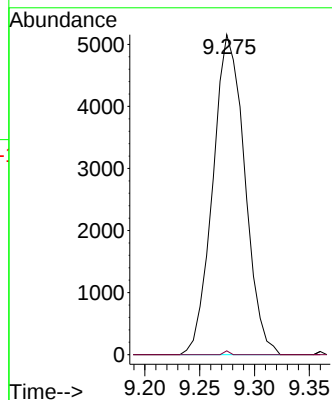
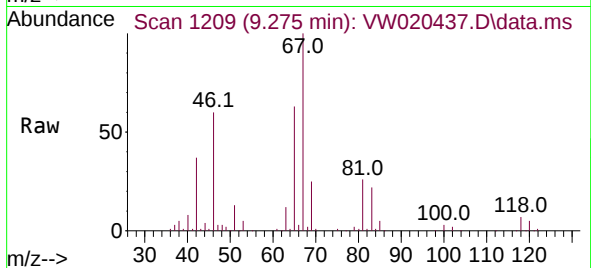




#37  
1,2-Dichloropropane  
Concen: 2.750 ug/L  
RT: 9.275 min Scan# 1209  
Delta R.T. -0.097 min  
Lab File: VW020437.D  
Acq: 11 Oct 2021 12:11

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 63 Resp: 10434  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.5 5.3#



#39  
cis-1,3-Dichloropropene  
Concen: 0.483 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.036 min  
Lab File: VW020437.D  
Acq: 11 Oct 2021 12:11

Tgt Ion: 75 Resp: 2528  
Ion Ratio Lower Upper  
75 100  
77 44.8 22.4 41.6#

