

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101521\  
 Data File : VW020536.D  
 Acq On : 15 Oct 2021 16:11  
 Operator : SY/VA  
 Sample : M4210-17  
 Misc : 4.92g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 16 06:57:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Oct 16 06:56:08 2021  
 Response via : Initial Calibration

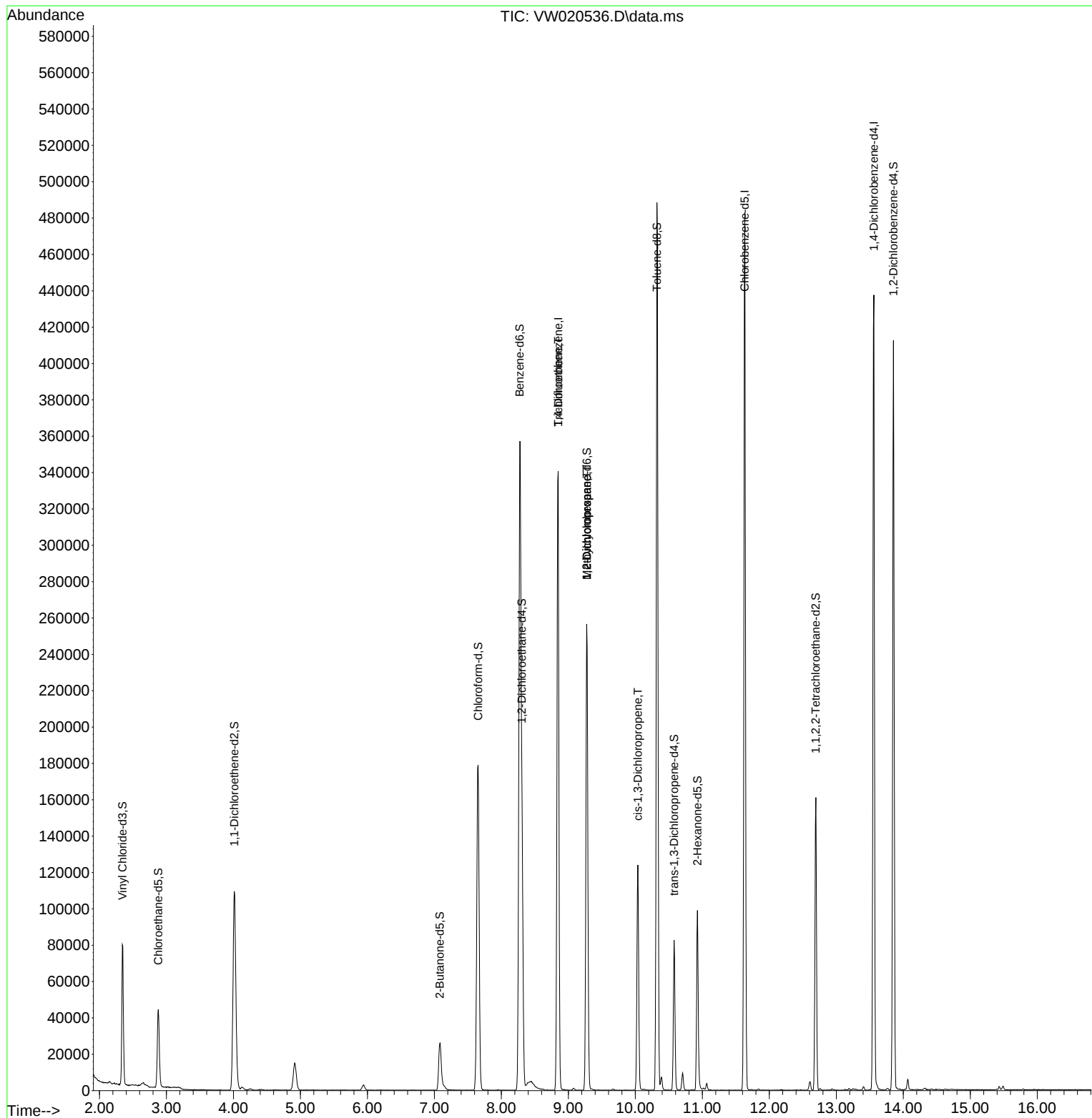
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.847  | 114   | 261543   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.633 | 117   | 242548   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 103567   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.342  | 65    | 75052    | 19.721   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 78.880%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 45982    | 22.873   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 91.480%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 114929   | 14.738   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 58.960%  |
| 21) 2-Butanone-d5             | 7.079  | 46    | 46106    | 39.808   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 79.620%  |
| 24) Chloroform-d              | 7.652  | 84    | 179400   | 21.519   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 86.080%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 103788   | 21.797   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 87.200%  |
| 32) Benzene-d6                | 8.274  | 84    | 344785   | 21.611   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 86.440%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 115250   | 22.165   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 88.640%  |
| 41) Toluene-d8                | 10.323 | 98    | 305159   | 21.317   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 85.280%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 42365    | 20.050   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 80.200%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 30275    | 37.849   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 75.700%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 78628    | 20.005   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 80.040%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 94431    | 23.309   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 93.240%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 8.847  | 95    | 8280     | 1.945    | ug/L # | 8        |
| 35) Methylcyclohexane         | 9.274  | 83    | 26527    | 3.642    | ug/L # | 15       |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 13606    | 3.041    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 3095     | 0.501    | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

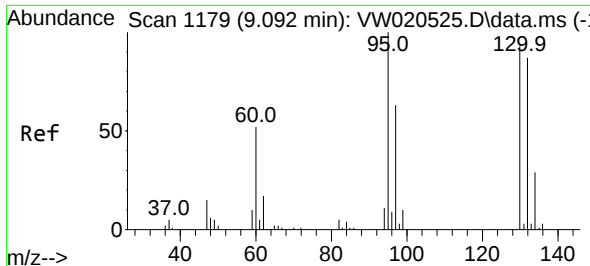
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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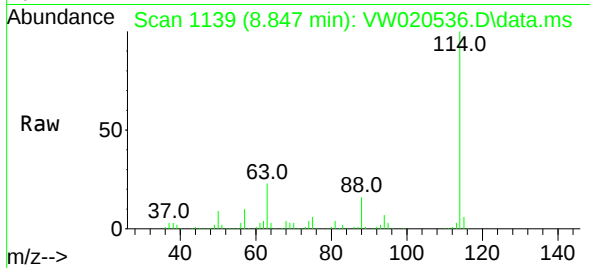
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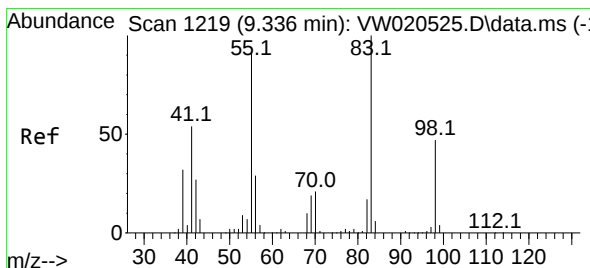
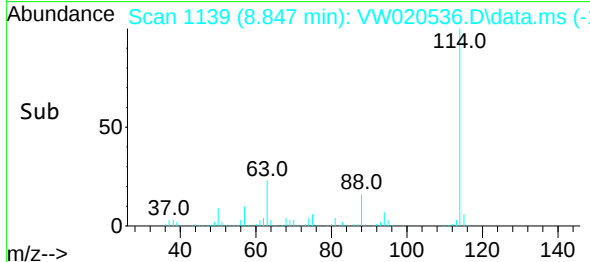
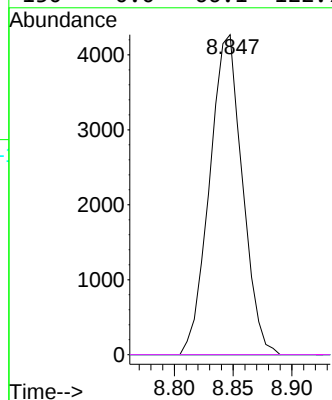


#34  
Trichloroethene  
Concen: 1.945 ug/L  
RT: 8.847 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW020536.D  
Acq: 15 Oct 2021 16:11

Instrument :  
MSVOA\_W  
ClientSampleId :

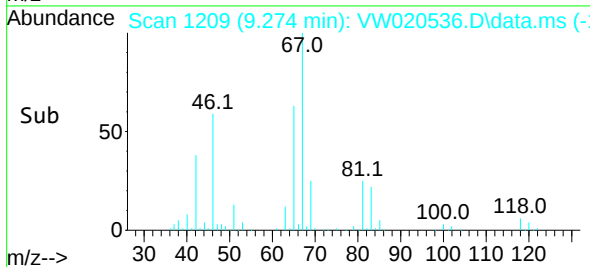
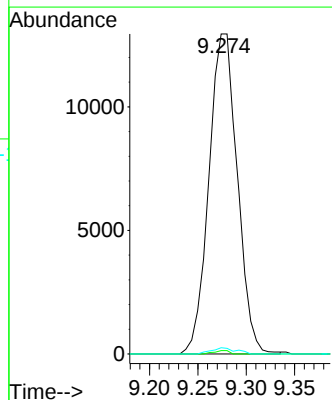
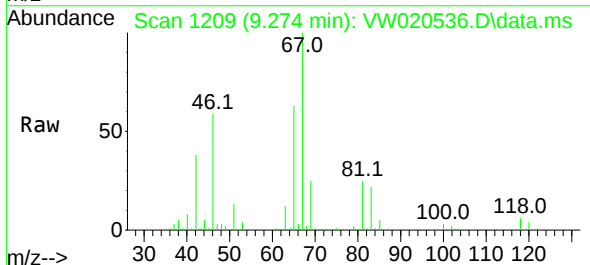


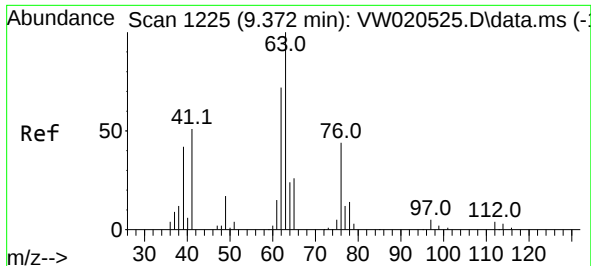
| Tgt Ion: | 95    | Resp: | 8280   |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 43.2  | 80.2#  |
| 132      | 0.0   | 62.3  | 115.7# |
| 130      | 0.0   | 66.1  | 122.7# |



#35  
Methylcyclohexane  
Concen: 3.642 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.061 min  
Lab File: VW020536.D  
Acq: 15 Oct 2021 16:11

| Tgt Ion: | 83    | Resp: | 26527  |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 0.5   | 69.7  | 104.5# |
| 98       | 1.3   | 38.2  | 57.2#  |

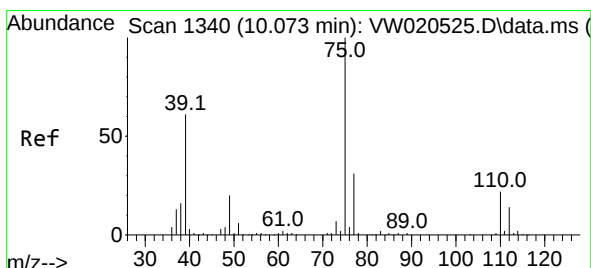
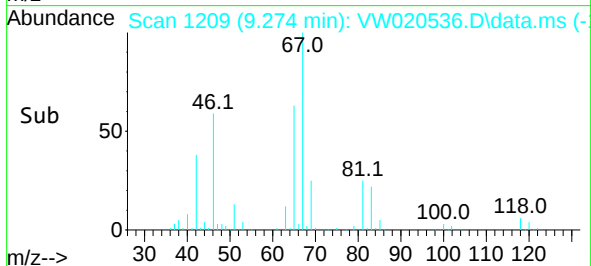
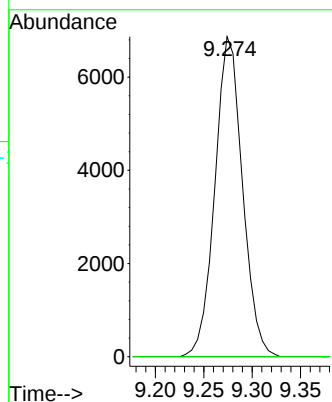
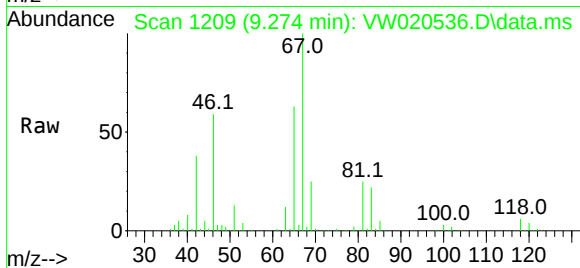




#37  
1,2-Dichloropropane  
Concen: 3.041 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.098 min  
Lab File: VW020536.D  
Acq: 15 Oct 2021 16:11

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 63 Resp: 13606  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.5 5.3#



#39  
cis-1,3-Dichloropropene  
Concen: 0.501 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW020536.D  
Acq: 15 Oct 2021 16:11

Tgt Ion: 75 Resp: 3095  
Ion Ratio Lower Upper  
75 100  
77 48.8 22.4 41.6#

