

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101521\  
 Data File : VW020540.D  
 Acq On : 15 Oct 2021 17:47  
 Operator : SY/VA  
 Sample : M4210-21  
 Misc : 5.03g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 16 06:57:58 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

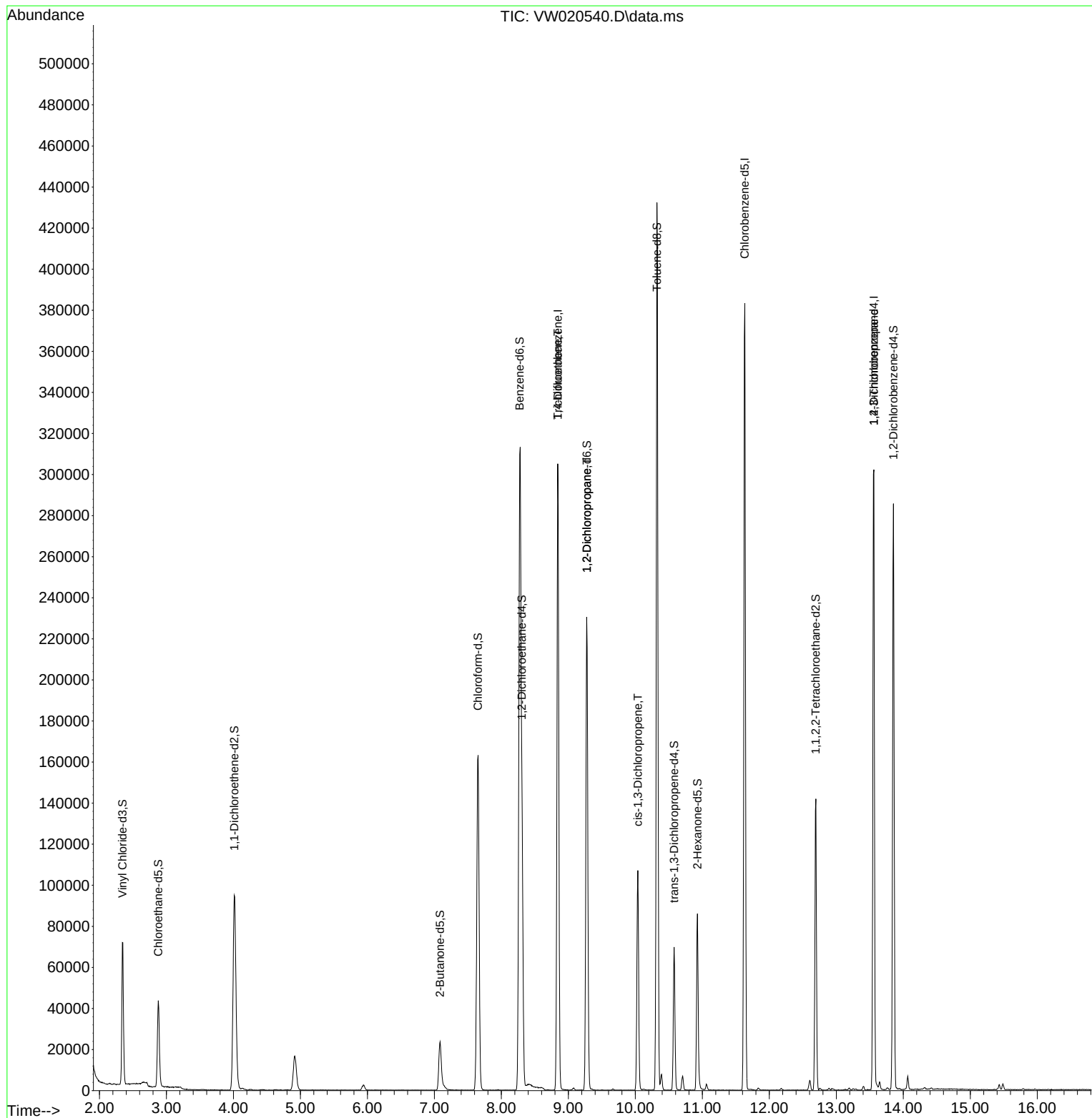
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 224894     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 193979     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 75232      | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343          | 65   | 69270      | 21.168   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 84.680%  |        |          |
| 7) Chloroethane-d5            | 2.879          | 69   | 44536      | 25.764   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 103.040% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.013          | 63   | 102267     | 15.251   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 61.000%  |        |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 40797      | 40.964   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 81.920%  |        |          |
| 24) Chloroform-d              | 7.653          | 84   | 162711     | 22.697   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 90.800%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 93298      | 22.787   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 91.160%  |        |          |
| 32) Benzene-d6                | 8.274          | 84   | 305568     | 23.948   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 95.800%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 103235     | 24.825   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 99.280%  |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 263048     | 22.976   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 91.920%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 35870      | 21.226   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 84.920%  |        |          |
| 47) 2-Hexanone-d5             | 10.926         | 63   | 26401      | 41.269   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 82.540%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694         | 84   | 68180      | 21.690   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 86.760%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 68459      | 23.262   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 93.040%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 34) Trichloroethene           | 8.841          | 95   | 7151       | 2.101    | ug/L # | 8        |
| 37) 1,2-Dichloropropane       | 9.274          | 63   | 12186      | 3.406    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 10.036         | 75   | 2670       | 0.541    | ug/L # | 76       |
| 61) 1,2,3-Trichloropropane    | 13.560         | 75   | 10362      | 6.252    | ug/L # | 68       |
| -----                         |                |      |            |          |        |          |

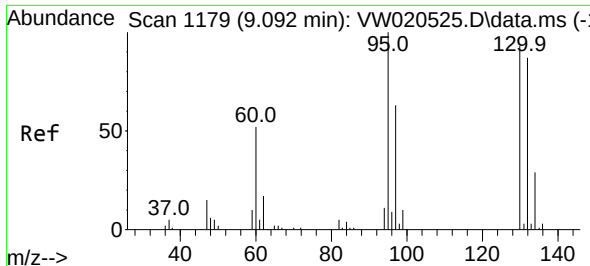
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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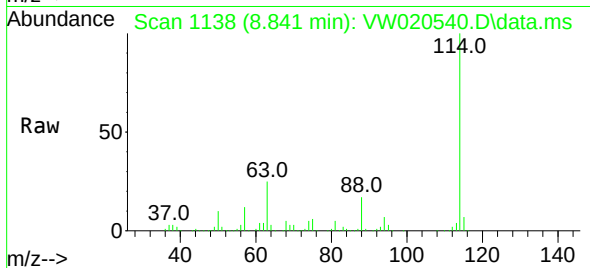
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
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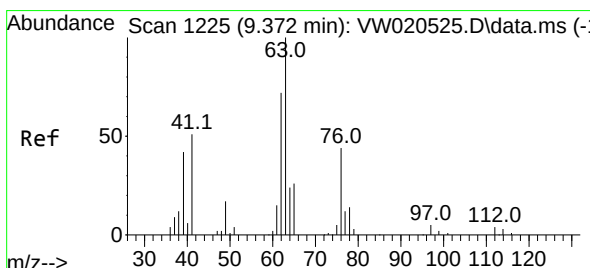
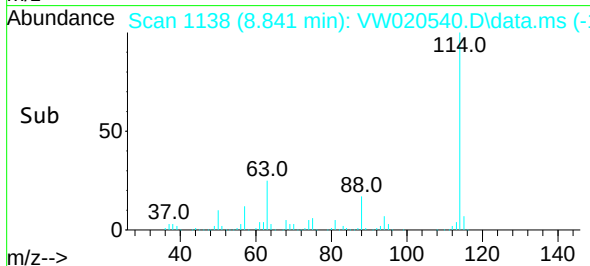
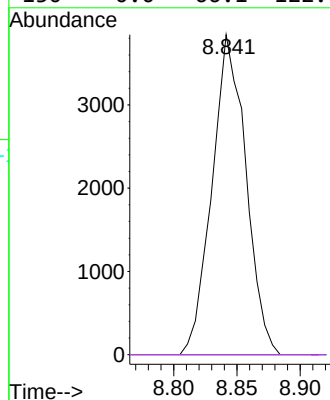
#34  
Trichloroethene  
Concen: 2.101 ug/L  
RT: 8.841 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW020540.D  
Acq: 15 Oct 2021 17:47

Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion: 95 Resp: 7151

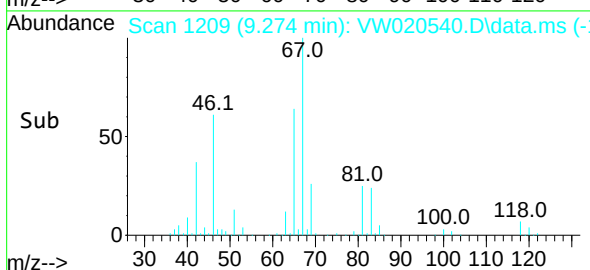
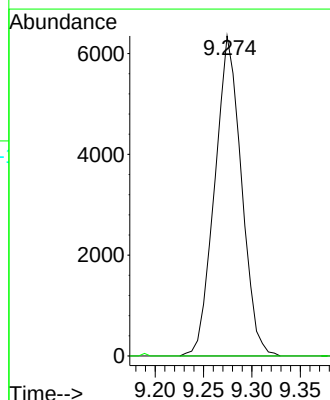
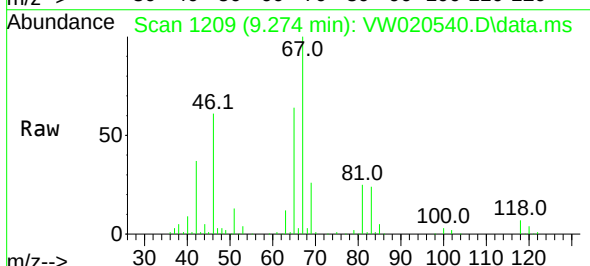
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 95  | 100   |       |        |
| 97  | 0.0   | 43.2  | 80.2#  |
| 132 | 0.0   | 62.3  | 115.7# |
| 130 | 0.0   | 66.1  | 122.7# |

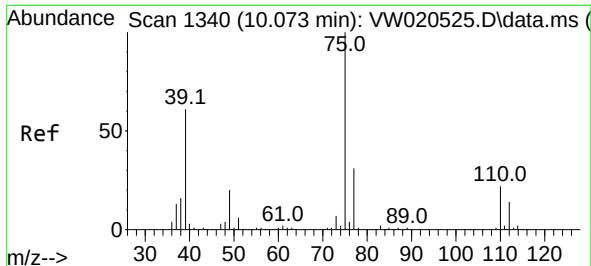


#37  
1,2-Dichloropropane  
Concen: 3.406 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.098 min  
Lab File: VW020540.D  
Acq: 15 Oct 2021 17:47

Tgt Ion: 63 Resp: 12186

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

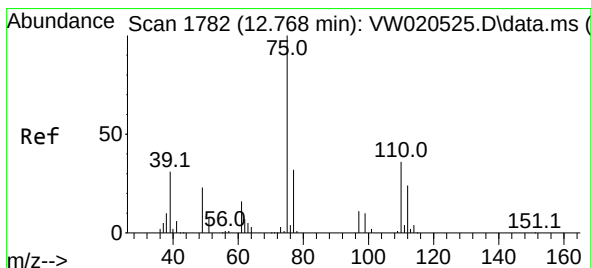
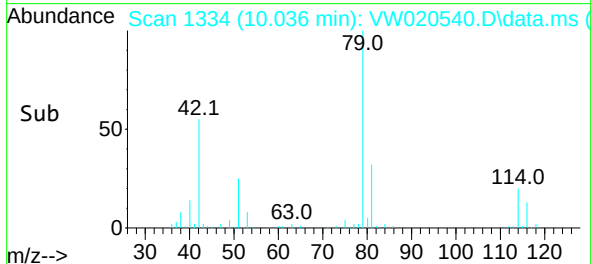
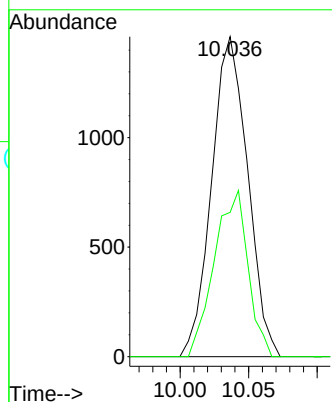
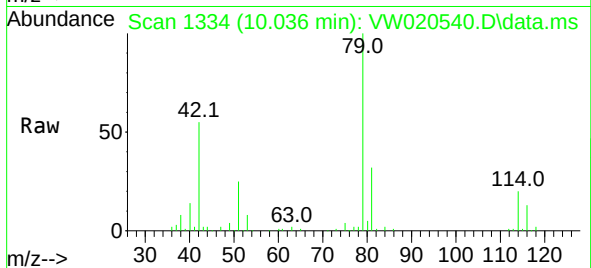




#39  
cis-1,3-Dichloropropene  
Concen: 0.541 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW020540.D  
Acq: 15 Oct 2021 17:47

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 75 Resp: 2670  
Ion Ratio Lower Upper  
75 100  
77 45.1 22.4 41.6#



#61  
1,2,3-Trichloropropane  
Concen: 6.252 ug/L  
RT: 13.560 min Scan# 1912  
Delta R.T. 0.792 min  
Lab File: VW020540.D  
Acq: 15 Oct 2021 17:47

Tgt Ion: 75 Resp: 10362  
Ion Ratio Lower Upper  
75 100  
77 32.8 25.1 37.7  
110 2.6 29.4 44.0#

