

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101921\  
 Data File : VW020599.D  
 Acq On : 19 Oct 2021 11:05  
 Operator : SY/VA  
 Sample : M4212-14  
 Misc : 3.96g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 20 01:37:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 20 01:35:36 2021  
 Response via : Initial Calibration

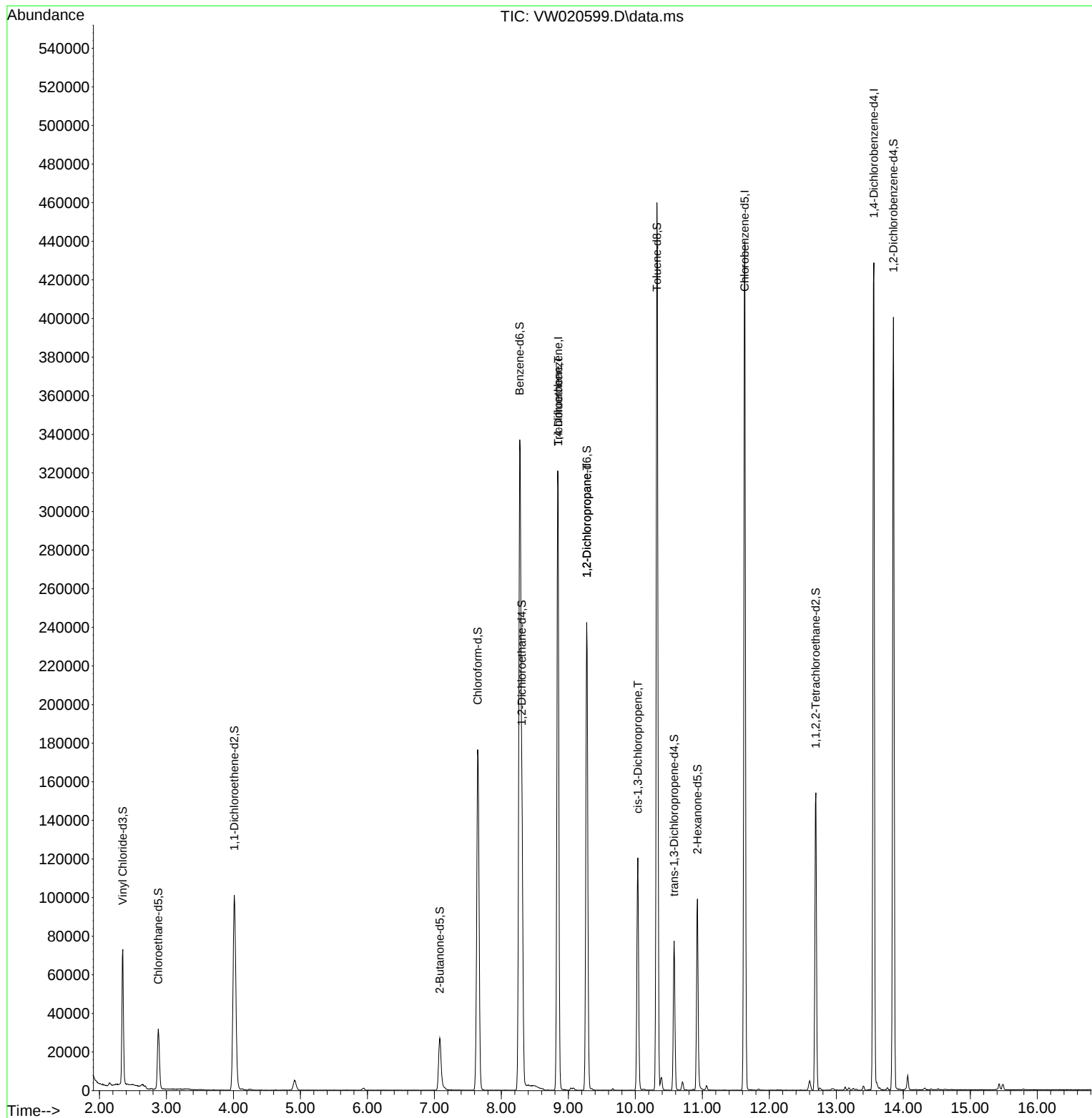
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 244557   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 225212   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 101729   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 66153    | 18.590   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.360%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 33641    | 17.897   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.600%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 104429   | 14.322   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 57.280%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 46212    | 42.671   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 85.340%  |
| 24) Chloroform-d              | 7.647  | 84    | 173651   | 22.276   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.120%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 98981    | 22.231   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 88.920%  |
| 32) Benzene-d6                | 8.275  | 84    | 325912   | 22.000   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 88.000%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 108607   | 22.495   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 89.960%  |
| 41) Toluene-d8                | 10.323 | 98    | 286151   | 21.528   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 86.120%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 40763    | 20.776   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 83.120%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 30108    | 40.537   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 81.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 76751    | 21.031   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 84.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 96377    | 24.219   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 96.880%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 8.848  | 95    | 7803     | 1.975    | ug/L # | 8        |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 13054    | 3.142    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 3016     | 0.526    | ug/L # | 76       |
| -----                         |        |       |          |          |        |          |

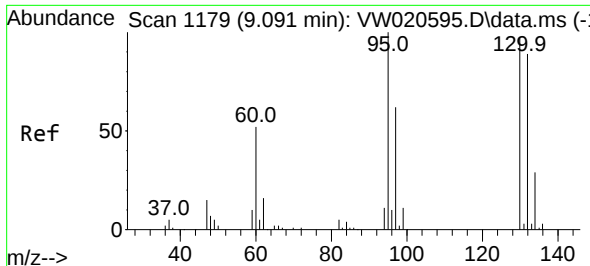
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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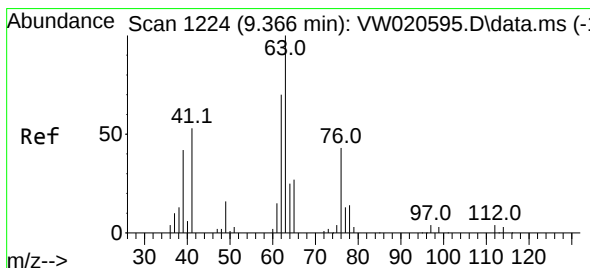
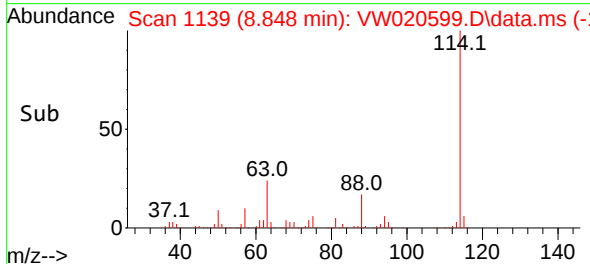
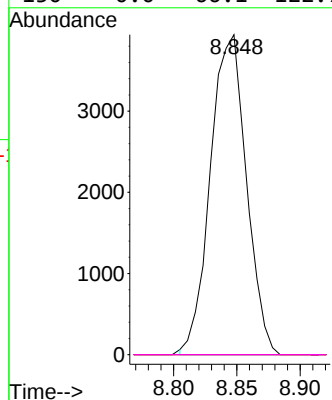
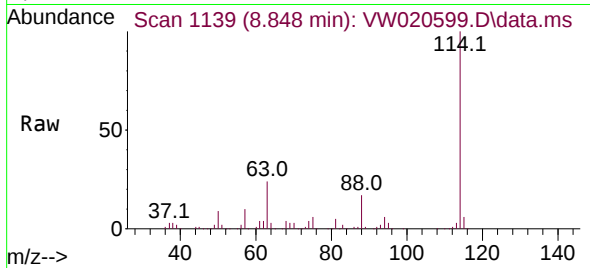




#34  
Trichloroethene  
Concen: 1.975 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW020599.D  
Acq: 19 Oct 2021 11:05

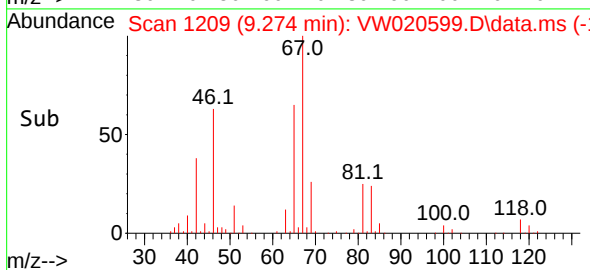
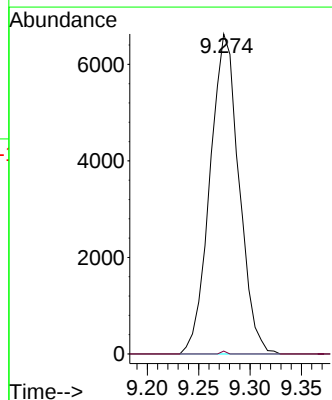
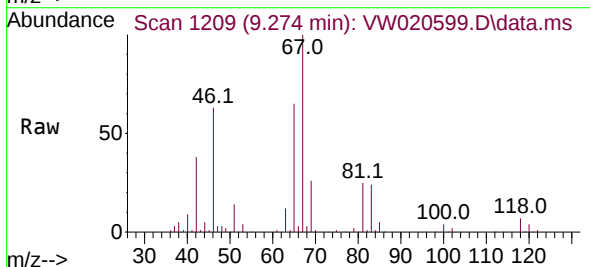
Instrument :  
MSVOA\_W  
ClientSampled :

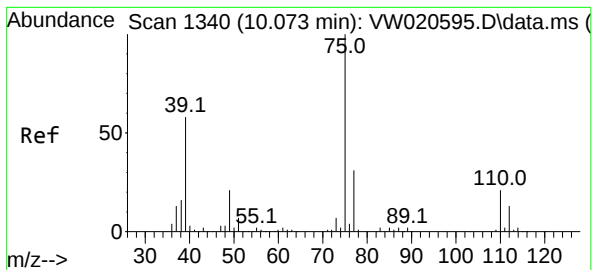
Tgt Ion: 95 Resp: 7803  
Ion Ratio Lower Upper  
95 100  
97 0.0 43.2 80.2#  
132 0.0 62.3 115.7#  
130 0.0 66.1 122.7#



#37  
1,2-Dichloropropane  
Concen: 3.142 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.091 min  
Lab File: VW020599.D  
Acq: 19 Oct 2021 11:05

Tgt Ion: 63 Resp: 13054  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.5 5.3#





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.526 ug/L  
 RT: 10.036 min Scan# 1334  
 Delta R.T. -0.037 min  
 Lab File: VW020599.D  
 Acq: 19 Oct 2021 11:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion: 75 Resp: 3016  
 Ion Ratio Lower Upper  
 75 100  
 77 45.6 22.4 41.6#

