

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101321\  
 Data File : VW020456.D  
 Acq On : 13 Oct 2021 12:47  
 Operator : SY/VA  
 Sample : VW1013SBL01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK459

Quant Time: Oct 14 01:01:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 14 00:58:33 2021  
 Response via : Initial Calibration

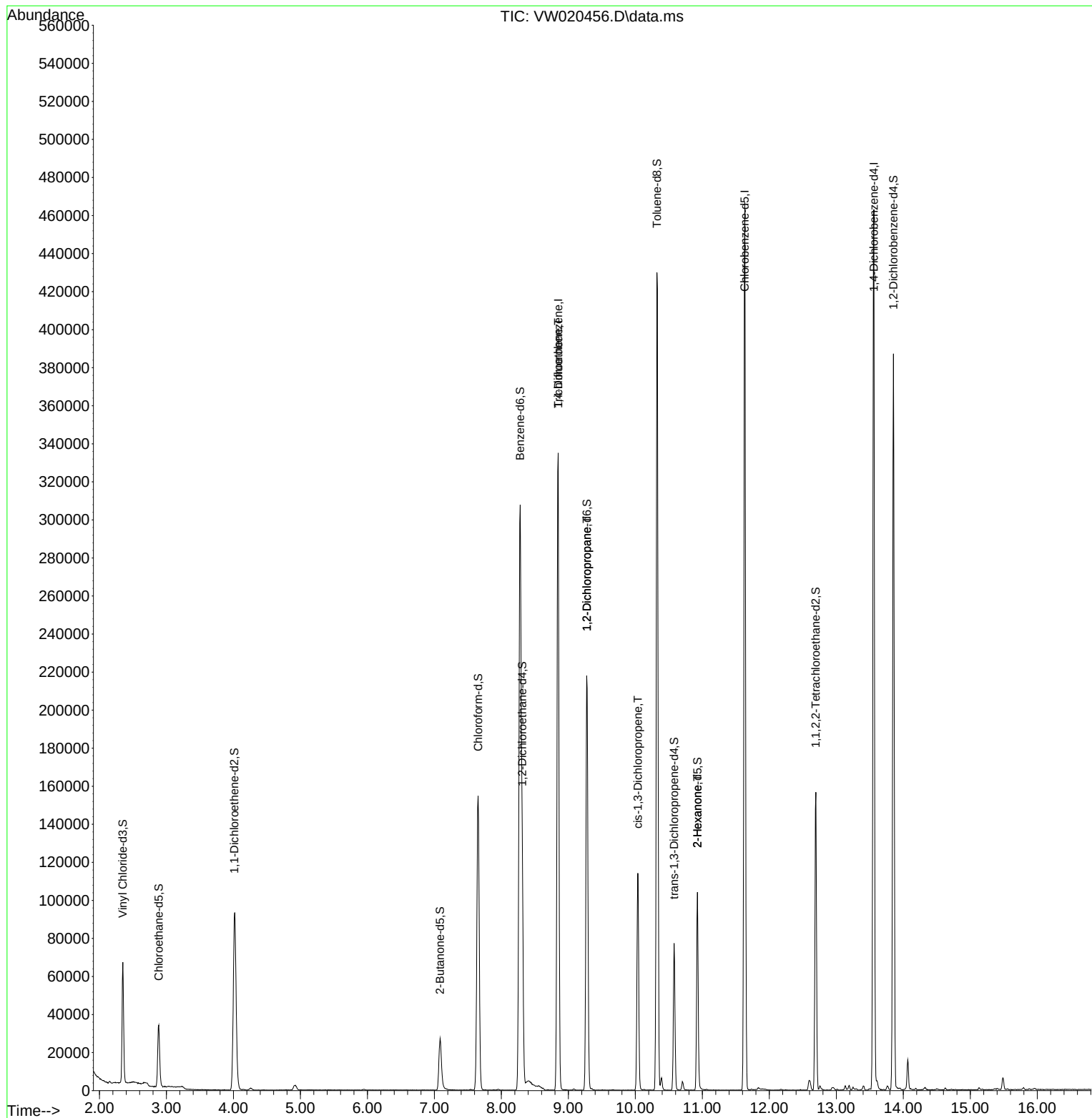
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 257260   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 239407   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 112556   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 61472    | 16.422   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.680%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 34774    | 17.586   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 70.360%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 97682    | 12.735   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 50.920%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 47161    | 41.397   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 82.800%  |
| 24) Chloroform-d              | 7.653  | 84    | 155337   | 18.942   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 75.760%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 92764    | 19.806   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 79.240%  |
| 32) Benzene-d6                | 8.281  | 84    | 301763   | 19.162   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 76.640%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 99937    | 19.472   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 77.880%  |
| 41) Toluene-d8                | 10.323 | 98    | 271459   | 19.212   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 76.840%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 40531    | 19.433   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 77.720%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 32428    | 41.072   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 82.140%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 77045    | 19.859   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 79.440%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 92698    | 21.053   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 84.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 8.848  | 95    | 8082     | 1.924    | ug/L # | 8        |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 11513    | 2.607    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 2870     | 0.471    | ug/L # | 68       |
| 48) 2-Hexanone                | 10.927 | 43    | 4482     | 2.305    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

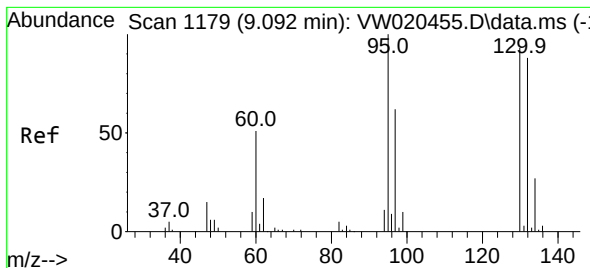
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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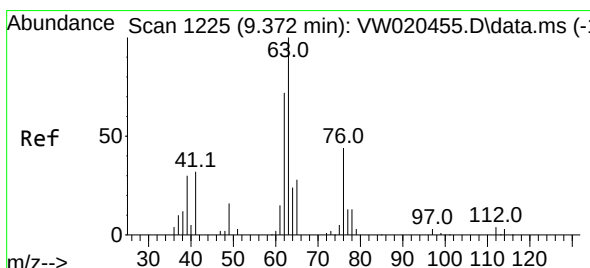
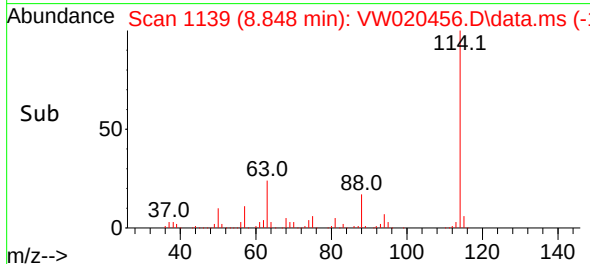
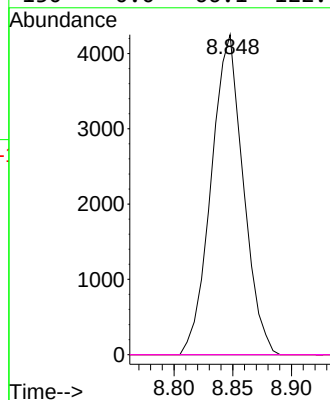
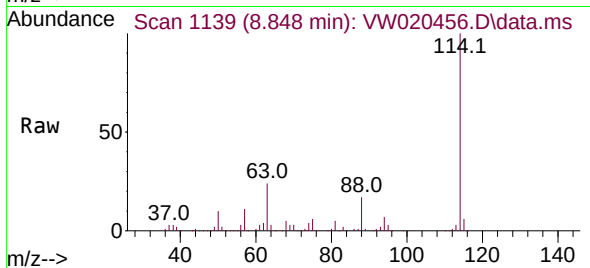




#34  
 Trichloroethene  
 Concen: 1.924 ug/L  
 RT: 8.848 min Scan# 1139  
 Delta R.T. -0.244 min  
 Lab File: VW020456.D  
 Acq: 13 Oct 2021 12:47

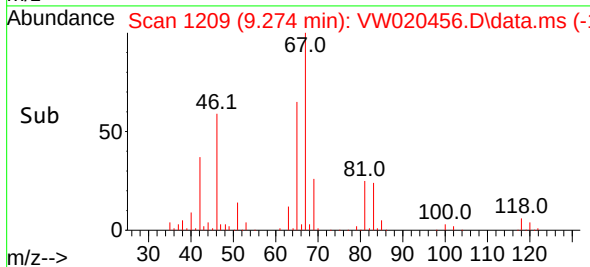
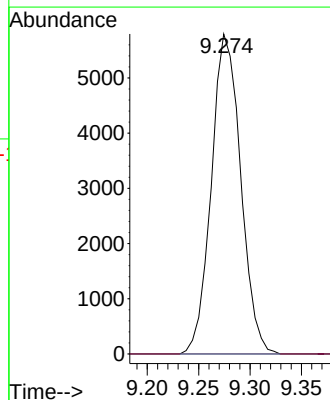
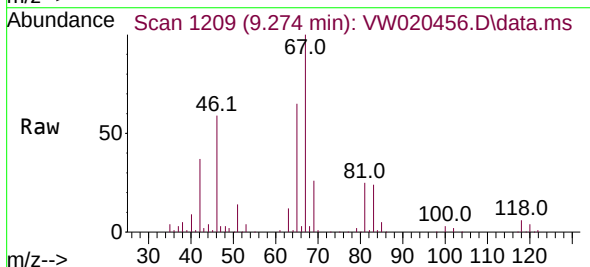
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VBLK459

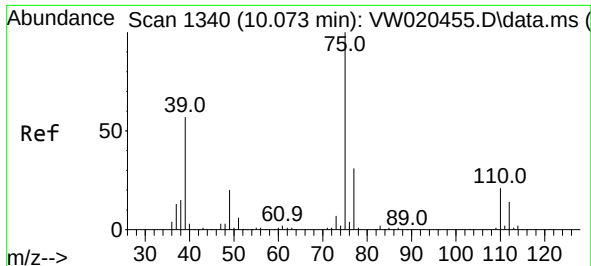
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 8082   |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 43.2  | 80.2#  |
| 132      | 0.0   | 62.3  | 115.7# |
| 130      | 0.0   | 66.1  | 122.7# |



#37  
 1,2-Dichloropropane  
 Concen: 2.607 ug/L  
 RT: 9.274 min Scan# 1209  
 Delta R.T. -0.098 min  
 Lab File: VW020456.D  
 Acq: 13 Oct 2021 12:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 11513 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.0   | 3.5   | 5.3#  |

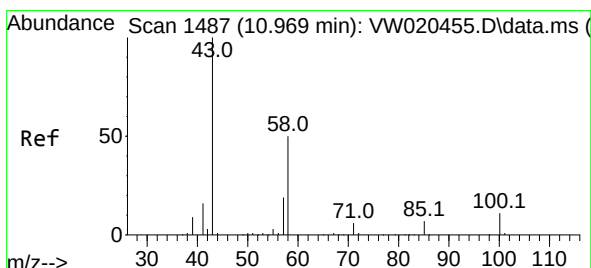
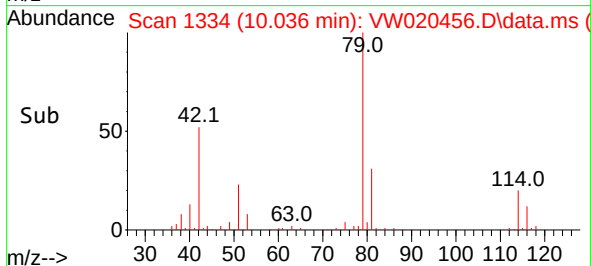
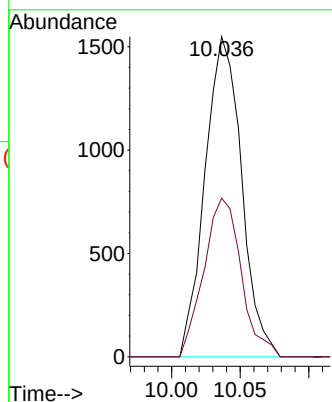
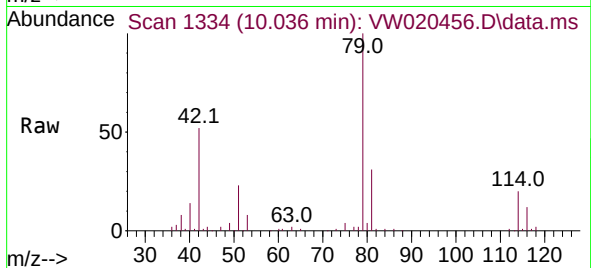




#39  
cis-1,3-Dichloropropene  
Concen: 0.471 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW020456.D  
Acq: 13 Oct 2021 12:47

Instrument :  
MSVOA\_W  
ClientSampled :  
VBLK459

Tgt Ion: 75 Resp: 2870  
Ion Ratio Lower Upper  
75 100  
77 49.6 22.4 41.6#



#48  
2-Hexanone  
Concen: 2.305 ug/L  
RT: 10.927 min Scan# 1480  
Delta R.T. -0.043 min  
Lab File: VW020456.D  
Acq: 13 Oct 2021 12:47

Tgt Ion: 43 Resp: 4482  
Ion Ratio Lower Upper  
43 100  
58 25.1 39.5 59.3#  
57 28.7 14.2 21.4#  
100 1.3 8.2 12.4#

