

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092221\  
 Data File : VW020123.D  
 Acq On : 22 Sep 2021 22:06  
 Operator : SY/VA  
 Sample : M3837-08  
 Misc : 4.77g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 23 01:27:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Sep 23 01:24:43 2021  
 Response via : Initial Calibration

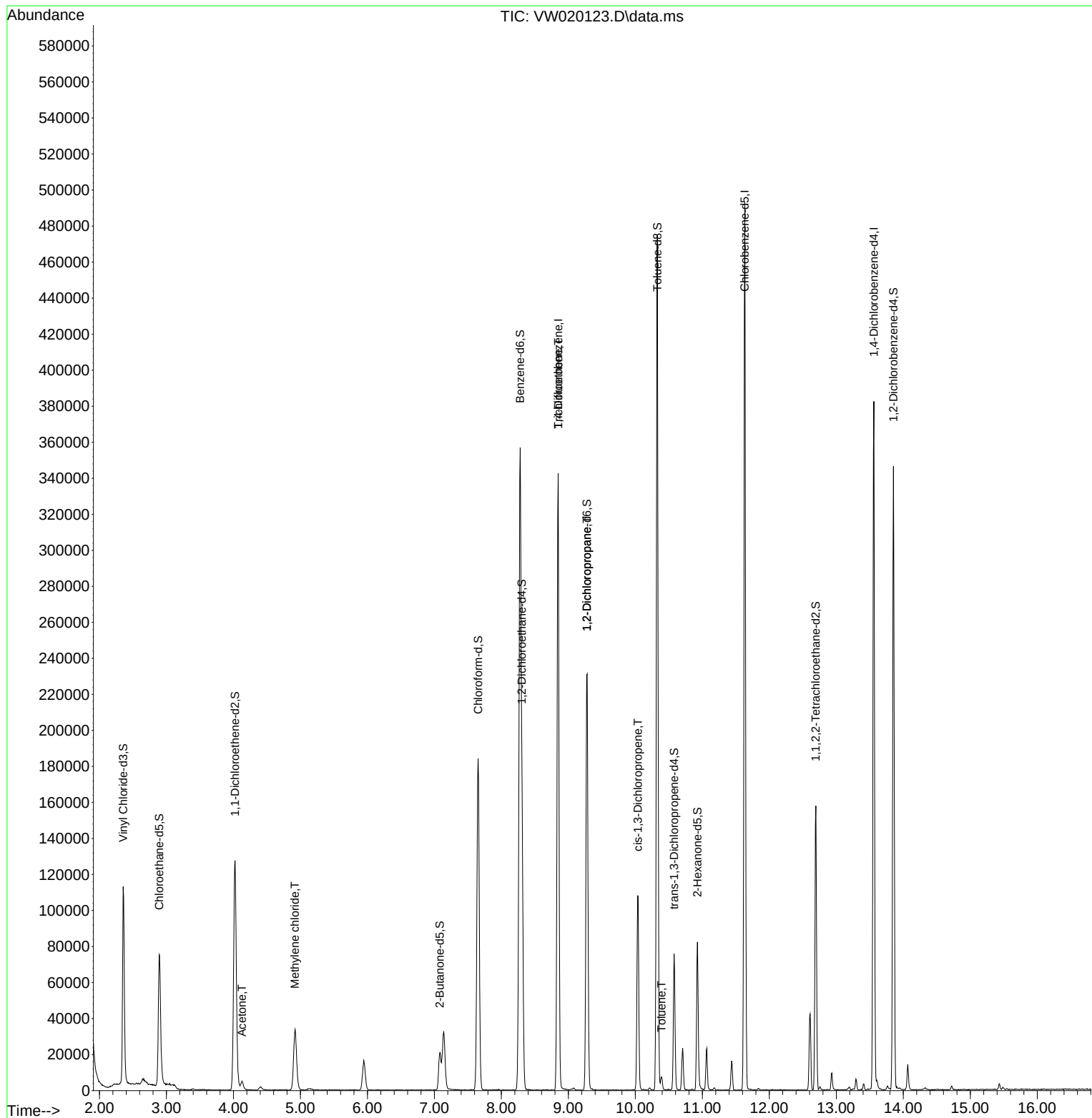
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.847  | 114   | 266280   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 255399   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 95138    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 120262   | 22.076   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 88.320%  |
| 7) Chloroethane-d5            | 2.891  | 69    | 96654    | 23.552   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 94.200%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 131544   | 15.423   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 61.680%  |
| 21) 2-Butanone-d5             | 7.079  | 46    | 35372    | 42.078   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 84.160%  |
| 24) Chloroform-d              | 7.652  | 84    | 186898   | 22.318   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.280%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 104088   | 23.094   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 92.360%  |
| 32) Benzene-d6                | 8.280  | 84    | 348853   | 21.410   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 85.640%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 104137   | 22.084   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 88.320%  |
| 41) Toluene-d8                | 10.329 | 98    | 304648   | 20.549   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 82.200%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 40512    | 20.100   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 80.400%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 25205    | 38.624   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 77.240%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 75733    | 20.820   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 83.280%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 85818    | 24.056   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 96.240%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.129  | 43    | 7457     | 10.358   | ug/L   | 99       |
| 16) Methylene chloride        | 4.915  | 84    | 25567    | 5.441    | ug/L   | 96       |
| 34) Trichloroethene           | 8.847  | 95    | 8516     | 2.064    | ug/L # | 5        |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 12909    | 3.381    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 3148     | 0.559    | ug/L # | 60       |
| 42) Toluene                   | 10.390 | 91    | 5397     | 0.330    | ug/L   | 100      |
| -----                         |        |       |          |          |        |          |

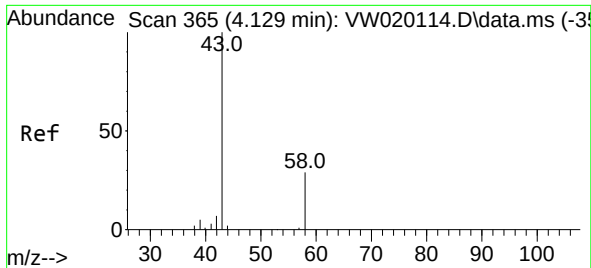
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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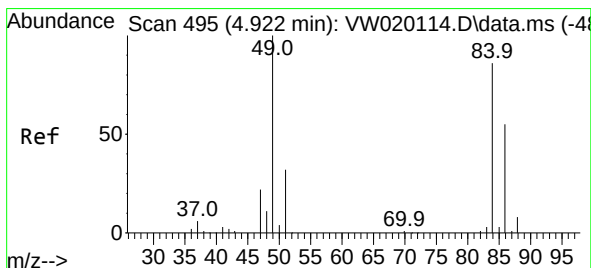
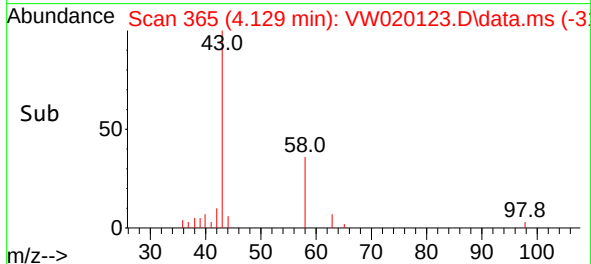
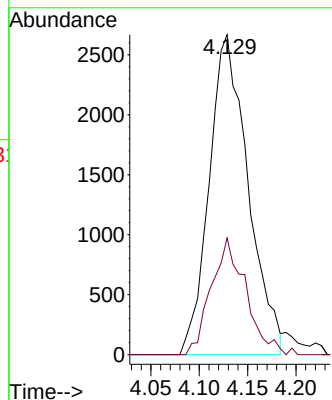
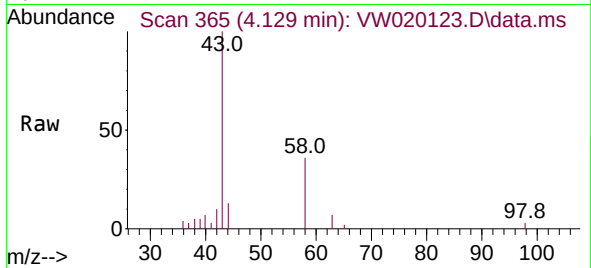




#13  
Acetone  
Concen: 10.358 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VW020123.D  
Acq: 22 Sep 2021 22:06

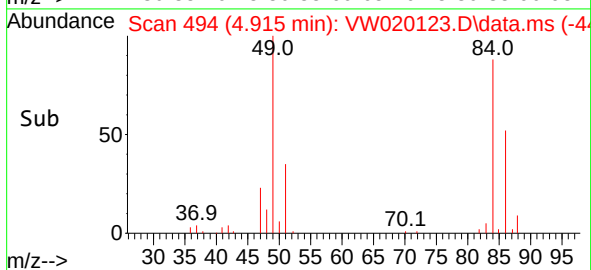
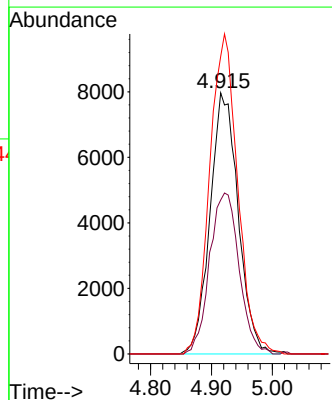
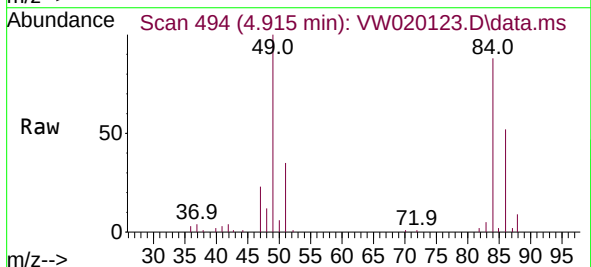
Instrument :  
MSVOA\_W  
ClientSampled :

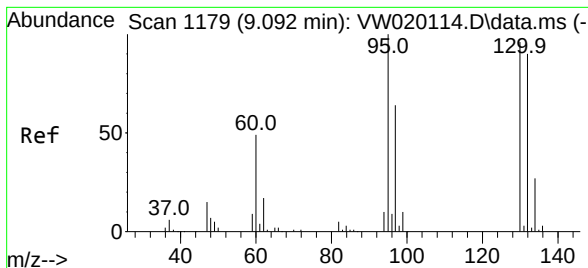
Tgt Ion: 43 Resp: 7457  
Ion Ratio Lower Upper  
43 100  
58 31.4 0.0 61.6



#16  
Methylene chloride  
Concen: 5.441 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW020123.D  
Acq: 22 Sep 2021 22:06

Tgt Ion: 84 Resp: 25567  
Ion Ratio Lower Upper  
84 100  
86 59.0 42.6 79.0  
49 113.9 83.4 154.8

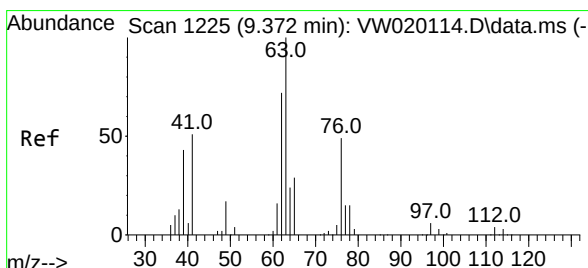
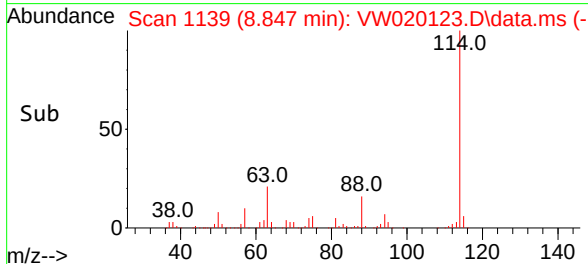
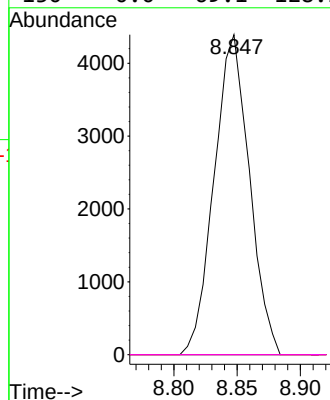
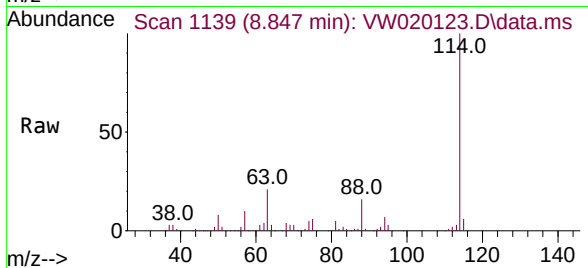




#34  
Trichloroethene  
Concen: 2.064 ug/L  
RT: 8.847 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW020123.D  
Acq: 22 Sep 2021 22:06

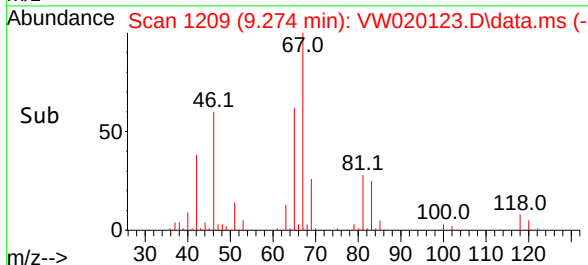
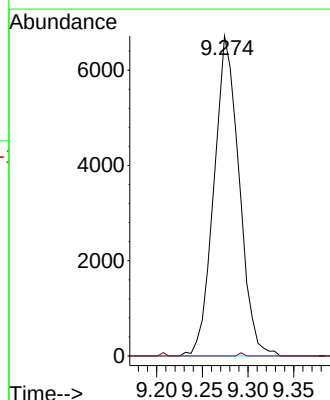
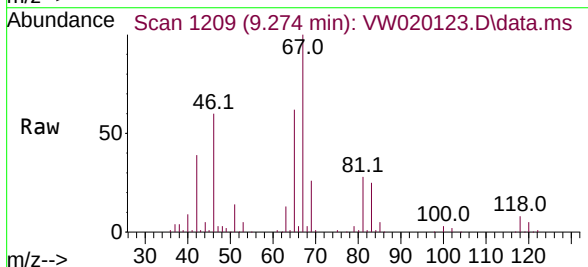
Instrument :  
MSVOA\_W  
ClientSampleId :

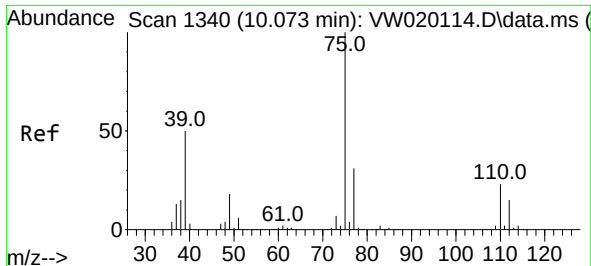
Tgt Ion: 95 Resp: 8516  
Ion Ratio Lower Upper  
95 100  
97 0.0 45.1 83.7#  
132 0.0 67.9 126.1#  
130 0.0 69.1 128.3#



#37  
1,2-Dichloropropane  
Concen: 3.381 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.098 min  
Lab File: VW020123.D  
Acq: 22 Sep 2021 22:06

Tgt Ion: 63 Resp: 12909  
Ion Ratio Lower Upper  
63 100  
112 0.4 3.6 5.4#

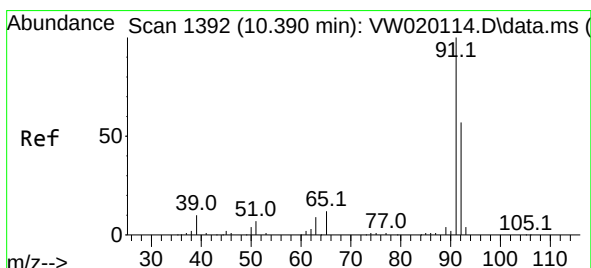
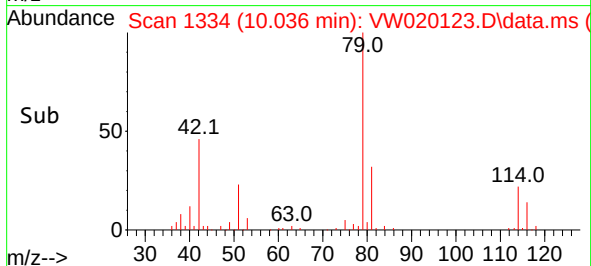
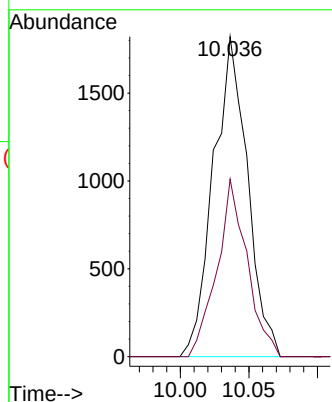
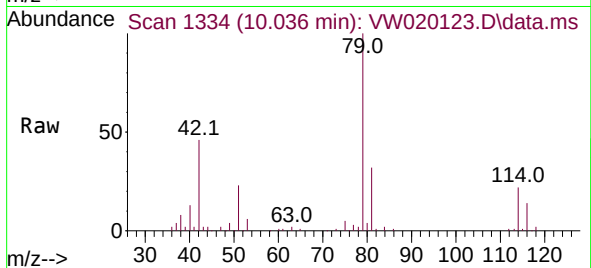




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.559 ug/L  
 RT: 10.036 min Scan# 1334  
 Delta R.T. -0.037 min  
 Lab File: VW020123.D  
 Acq: 22 Sep 2021 22:06

Instrument :  
 MSVOA\_W  
 ClientSampled :

Tgt Ion: 75 Resp: 3148  
 Ion Ratio Lower Upper  
 75 100  
 77 55.5 23.0 42.6#



#42  
 Toluene  
 Concen: 0.330 ug/L  
 RT: 10.390 min Scan# 1392  
 Delta R.T. -0.000 min  
 Lab File: VW020123.D  
 Acq: 22 Sep 2021 22:06

Tgt Ion: 91 Resp: 5397  
 Ion Ratio Lower Upper  
 91 100  
 92 60.4 42.2 78.4

