

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071421\  
 Data File : VW019475.D  
 Acq On : 14 Jul 2021 10:12  
 Operator : SY/VA  
 Sample : VW0714SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 15 01:04:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jul 15 01:04:10 2021  
 Response via : Initial Calibration

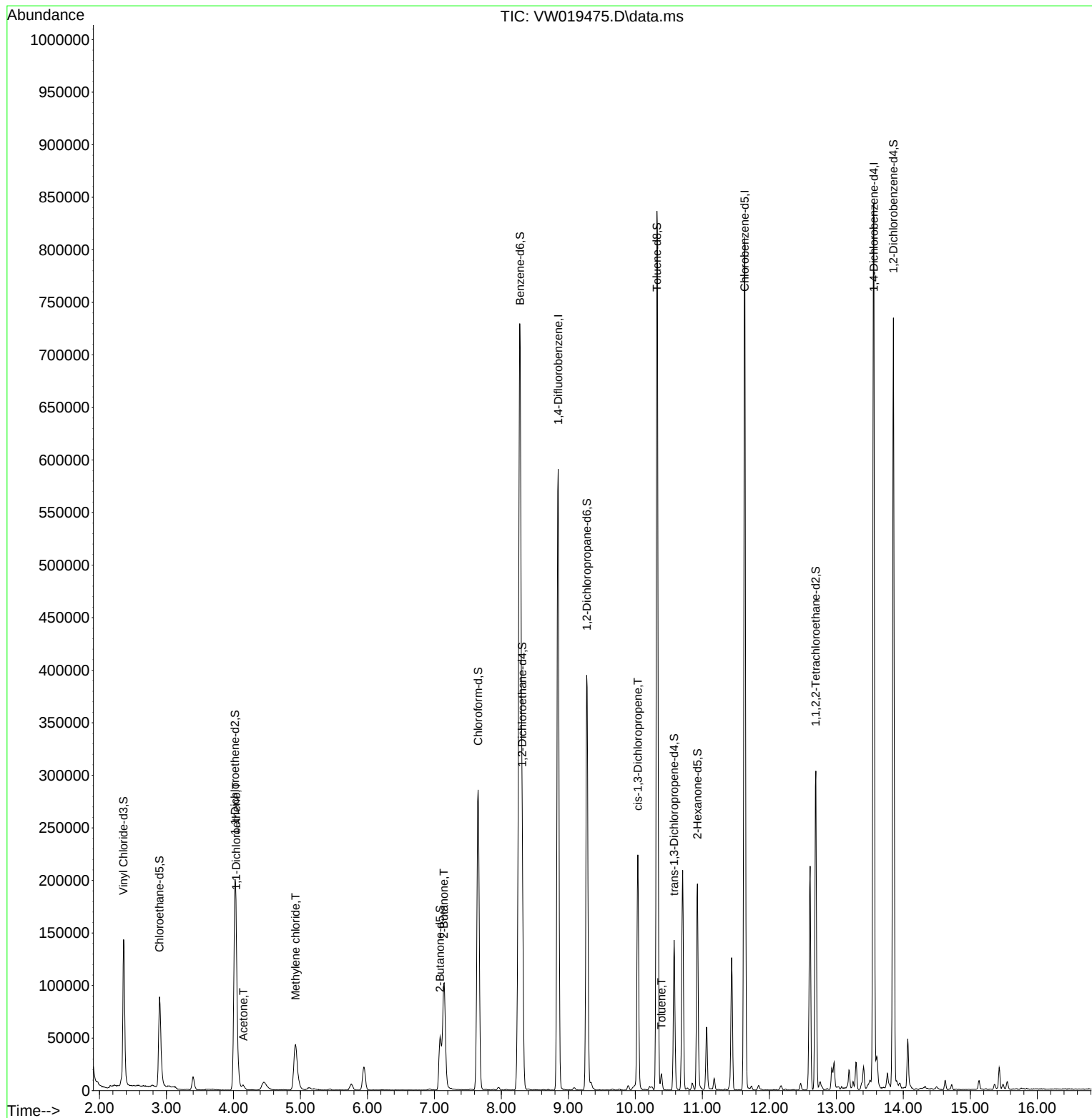
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 487225   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 461044   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 221227   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 164817   | 23.875   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 95.480%  |
| 7) Chloroethane-d5            | 2.897  | 69    | 117124   | 23.792   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 95.160%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 232405   | 17.448   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 69.800%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 91145    | 45.489   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 90.980%  |
| 24) Chloroform-d              | 7.653  | 84    | 301233   | 22.376   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.520%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 170254   | 23.045   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 92.200%  |
| 32) Benzene-d6                | 8.281  | 84    | 636376   | 23.188   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 92.760%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 194085   | 22.690   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 90.760%  |
| 41) Toluene-d8                | 10.323 | 98    | 563270   | 22.764   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 91.040%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 81767    | 22.321   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 89.280%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 70305    | 44.302   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 88.600%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 153532   | 22.213   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 88.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 190738   | 24.436   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 97.760%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 4.044  | 96    | 2050     | 0.322    | ug/L # | 1        |
| 13) Acetone                   | 4.147  | 43    | 8348     | 5.654    | ug/L   | 92       |
| 16) Methylene chloride        | 4.928  | 84    | 37180    | 3.828    | ug/L   | 96       |
| 22) 2-Butanone                | 7.141  | 43    | 5739     | 2.512    | ug/L # | 47       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 5741     | 0.513    | ug/L # | 63       |
| 42) Toluene                   | 10.390 | 91    | 10595    | 0.352    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

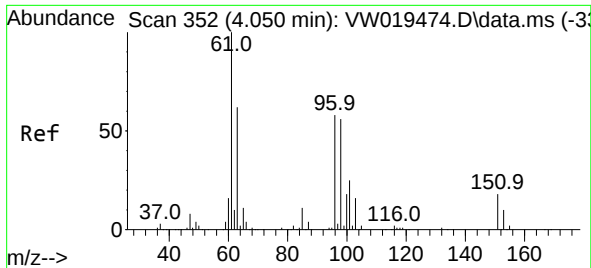
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VW0714SBL01  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Jul 15 01:04:51 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Jul 15 01:04:10 2021  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.322 ug/L

RT: 4.044 min Scan# 351

Delta R.T. -0.006 min

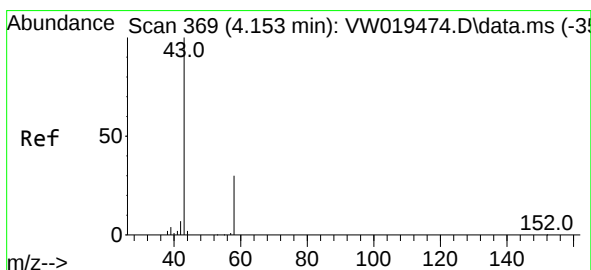
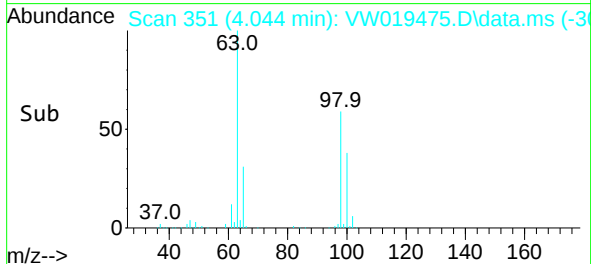
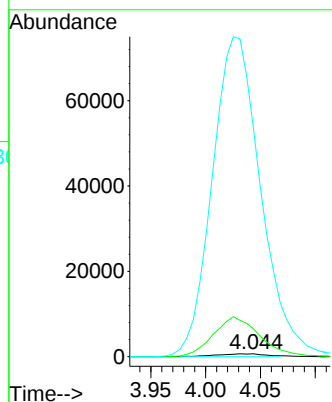
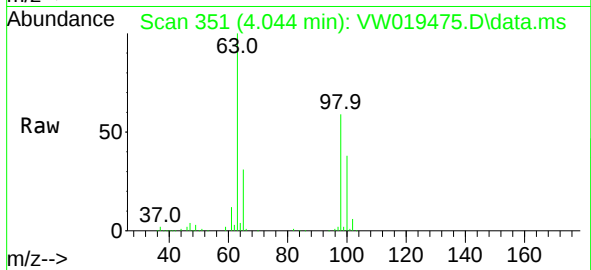
Lab File: VW019475.D

Acq: 14 Jul 2021 10:12

Tgt Ion: 96 Resp: 2050

| Ion | Ratio  | Lower | Upper  |
|-----|--------|-------|--------|
| 96  | 100    |       |        |
| 61  | 947.2  | 118.1 | 219.3# |
| 63  | 7758.5 | 83.7  | 155.5# |

Instrument :  
MSVOA\_W  
ClientSampled :



#13

Acetone

Concen: 5.654 ug/L

RT: 4.147 min Scan# 368

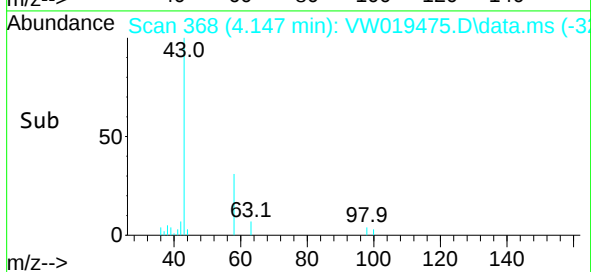
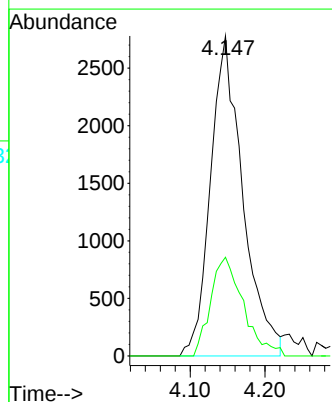
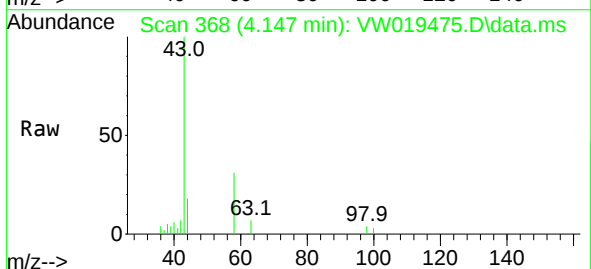
Delta R.T. -0.006 min

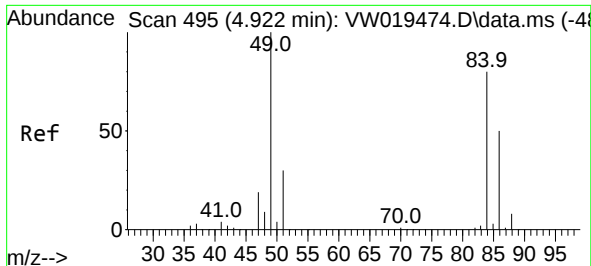
Lab File: VW019475.D

Acq: 14 Jul 2021 10:12

Tgt Ion: 43 Resp: 8348

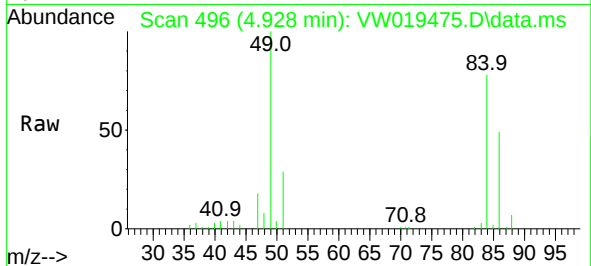
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.9  | 0.0   | 53.8  |



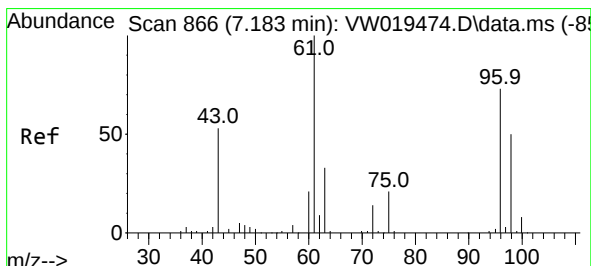
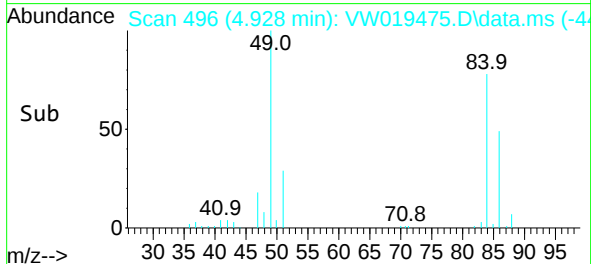
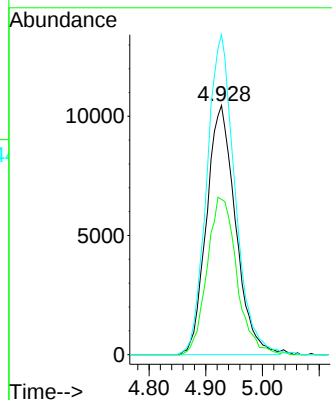


#16  
Methylene chloride  
Concen: 3.828 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.006 min  
Lab File: VW019475.D  
Acq: 14 Jul 2021 10:12

Instrument :  
MSVOA\_W  
ClientSampled :

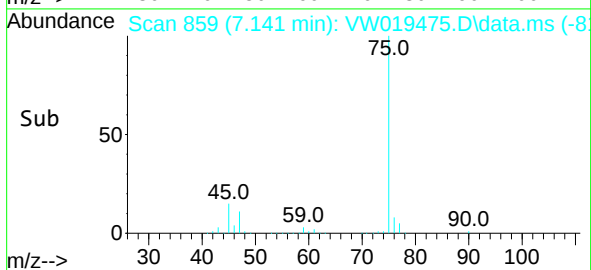
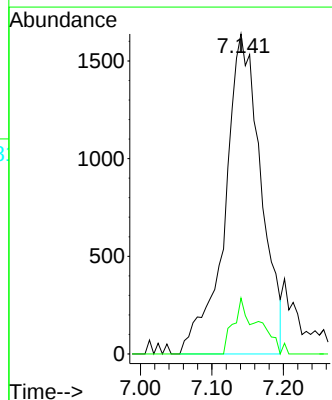
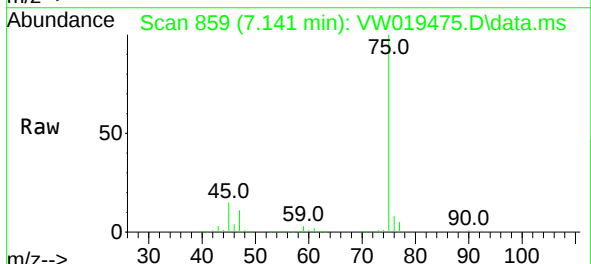


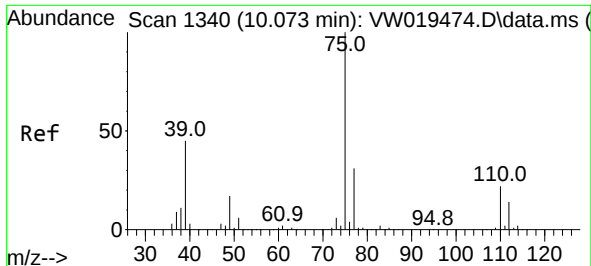
Tgt Ion: 84 Resp: 37180  
Ion Ratio Lower Upper  
84 100  
86 62.3 45.3 84.1  
49 128.4 86.6 160.8



#22  
2-Butanone  
Concen: 2.512 ug/L  
RT: 7.141 min Scan# 859  
Delta R.T. -0.043 min  
Lab File: VW019475.D  
Acq: 14 Jul 2021 10:12

Tgt Ion: 43 Resp: 5739  
Ion Ratio Lower Upper  
43 100  
72 1.2 14.9 44.7#

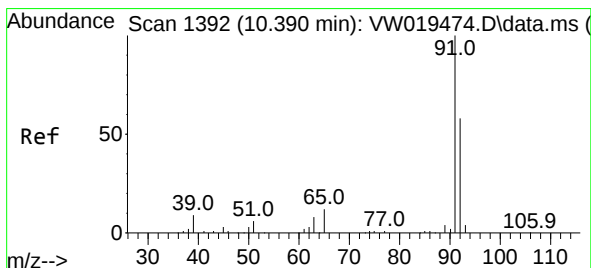
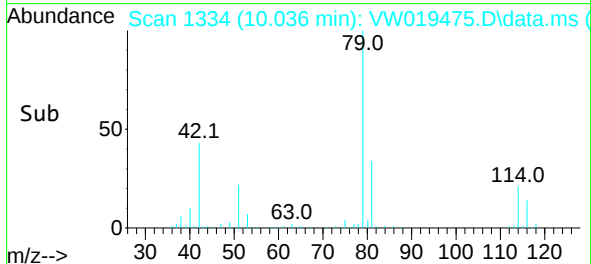
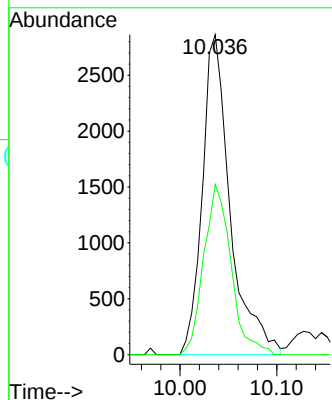
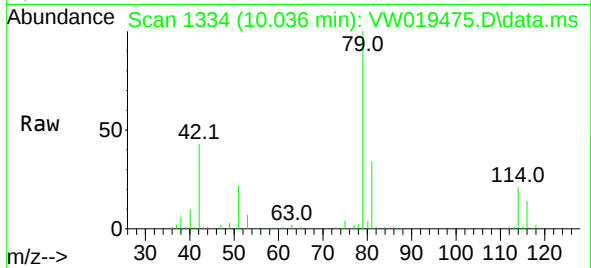




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.513 ug/L  
 RT: 10.036 min Scan# 1334  
 Delta R.T. -0.037 min  
 Lab File: VW019475.D  
 Acq: 14 Jul 2021 10:12

Instrument :  
 MSVOA\_W  
 ClientSampled :

Tgt Ion: 75 Resp: 5741  
 Ion Ratio Lower Upper  
 75 100  
 77 53.2 22.6 42.0#



#42  
 Toluene  
 Concen: 0.352 ug/L  
 RT: 10.390 min Scan# 1392  
 Delta R.T. -0.000 min  
 Lab File: VW019475.D  
 Acq: 14 Jul 2021 10:12

Tgt Ion: 91 Resp: 10595  
 Ion Ratio Lower Upper  
 91 100  
 92 58.1 39.5 73.3

