

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072121\  
 Data File : VW019537.D  
 Acq On : 21 Jul 2021 16:41  
 Operator : SY/VA  
 Sample : M3107-03  
 Misc : 5.88g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 22 01:02:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jul 22 00:59:45 2021  
 Response via : Initial Calibration

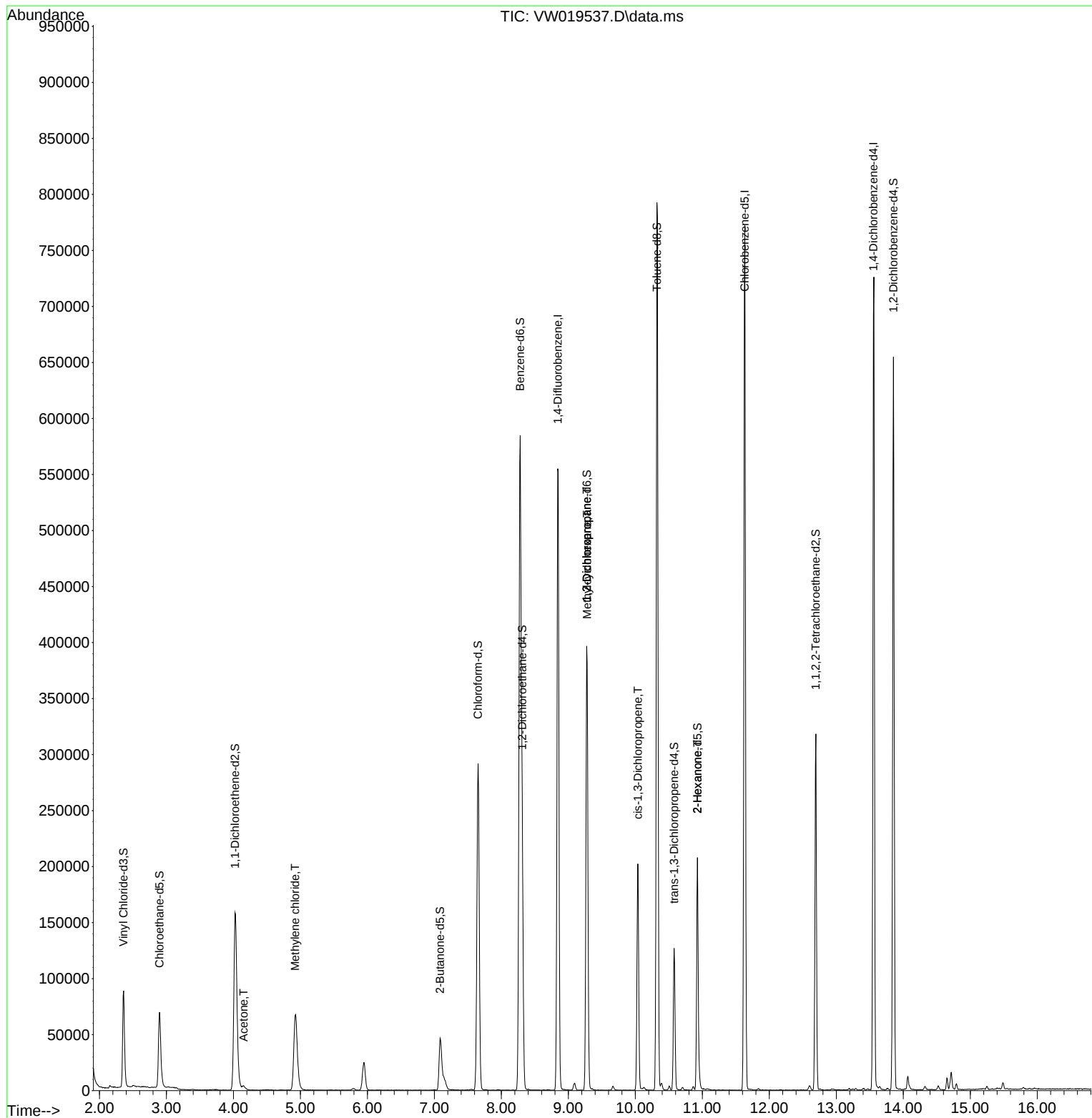
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 465922   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 427068   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 184815   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 105398   | 15.966   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 63.880%  |
| 7) Chloroethane-d5            | 2.897  | 69    | 92934    | 19.741   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 78.960%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 188577   | 14.805   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 59.200%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 82443    | 43.028   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 86.060%  |
| 24) Chloroform-d              | 7.653  | 84    | 302537   | 23.500   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 94.000%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 176579   | 24.994   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 99.960%  |
| 32) Benzene-d6                | 8.281  | 84    | 601217   | 23.650   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 94.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 192428   | 24.286   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 97.160%  |
| 41) Toluene-d8                | 10.323 | 98    | 529822   | 23.116   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 92.480%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 73300    | 21.602   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 86.400%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 69711    | 47.422   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 94.840%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 155830   | 24.339   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 97.360%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 166781   | 25.577   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 102.320% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.153  | 43    | 7032     | 4.981    | ug/L   | 87       |
| 16) Methylene chloride        | 4.922  | 84    | 63057    | 6.789    | ug/L   | 99       |
| 35) Methylcyclohexane         | 9.280  | 83    | 45815    | 3.795    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 20844    | 3.077    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 4719     | 0.456    | ug/L # | 75       |
| 48) 2-Hexanone                | 10.927 | 43    | 11197    | 3.845    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

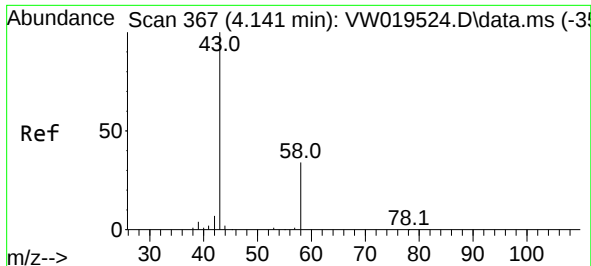
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072121\  
Data File : VW019537.D  
Acq On : 21 Jul 2021 16:41  
Operator : SY/VA  
Sample : M3107-03  
Misc : 5.88g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Jul 22 01:02:33 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Jul 22 00:59:45 2021  
Response via : Initial Calibration

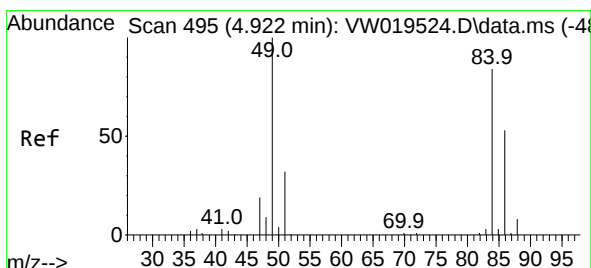
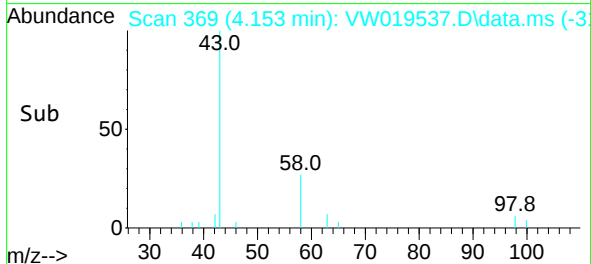
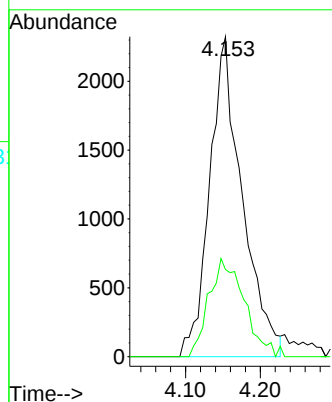
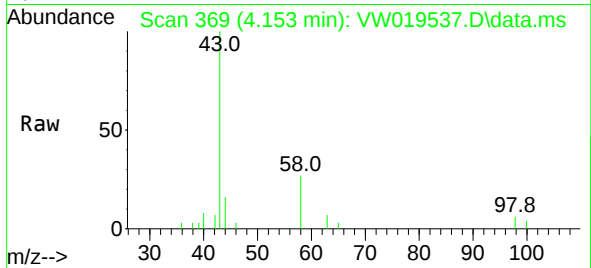




#13  
Acetone  
Concen: 4.981 ug/L  
RT: 4.153 min Scan# 369  
Delta R.T. 0.012 min  
Lab File: VW019537.D  
Acq: 21 Jul 2021 16:41

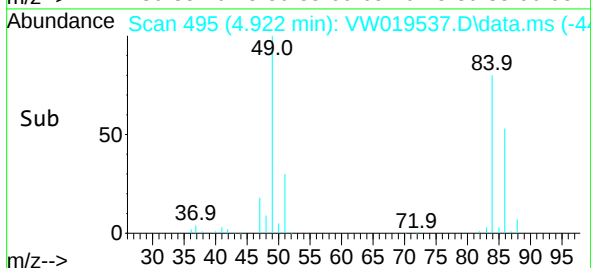
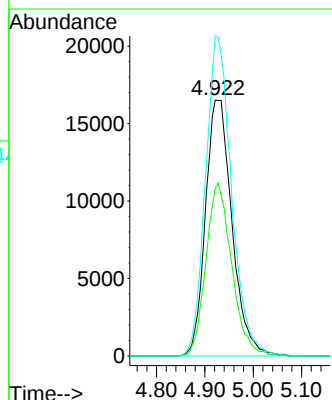
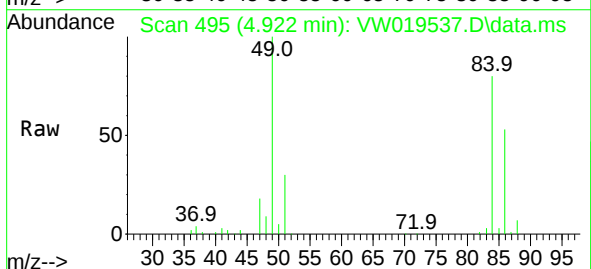
Instrument :  
MSVOA\_W  
ClientSampled :

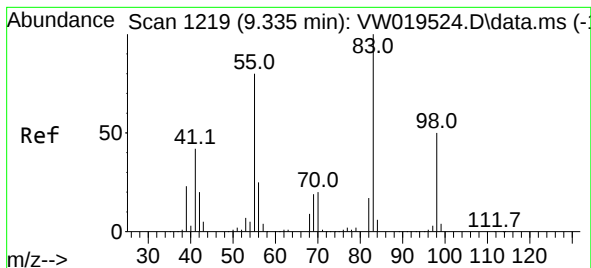
Tgt Ion: 43 Resp: 7032  
Ion Ratio Lower Upper  
43 100  
58 20.0 0.0 53.8



#16  
Methylene chloride  
Concen: 6.789 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW019537.D  
Acq: 21 Jul 2021 16:41

Tgt Ion: 84 Resp: 63057  
Ion Ratio Lower Upper  
84 100  
86 65.7 45.3 84.1  
49 125.1 86.6 160.8

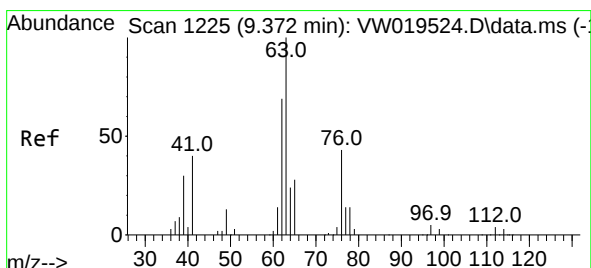
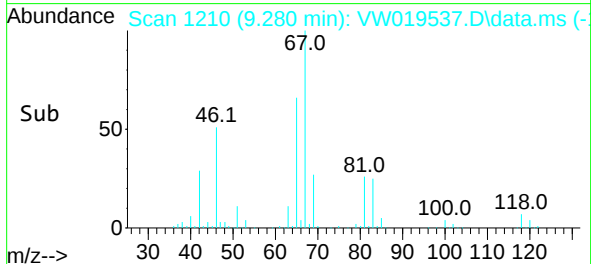
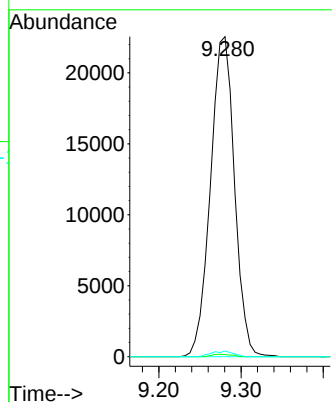
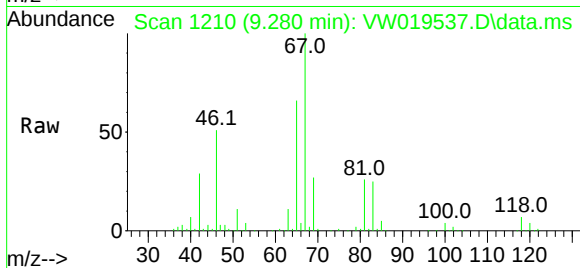




#35  
Methylcyclohexane  
Concen: 3.795 ug/L  
RT: 9.280 min Scan# 1210  
Delta R.T. -0.055 min  
Lab File: VW019537.D  
Acq: 21 Jul 2021 16:41

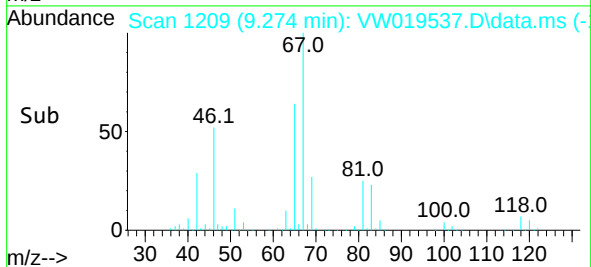
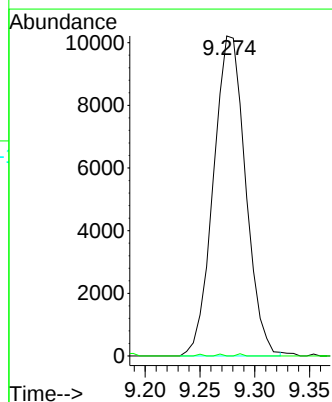
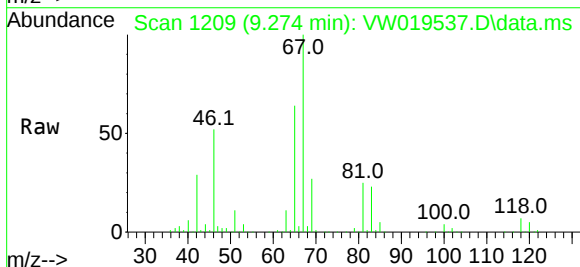
Instrument :  
MSVOA\_W  
ClientSampled :

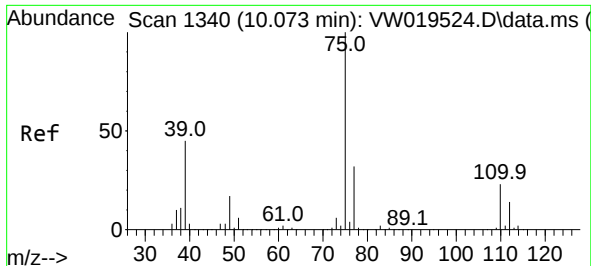
Tgt Ion: 83 Resp: 45815  
Ion Ratio Lower Upper  
83 100  
55 0.6 58.9 88.3#  
98 1.6 40.1 60.1#



#37  
1,2-Dichloropropane  
Concen: 3.077 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.098 min  
Lab File: VW019537.D  
Acq: 21 Jul 2021 16:41

Tgt Ion: 63 Resp: 20844  
Ion Ratio Lower Upper  
63 100  
112 0.3 3.9 5.9#

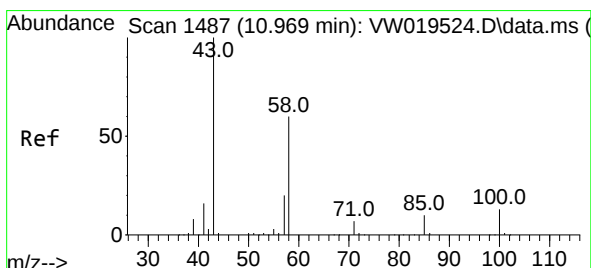
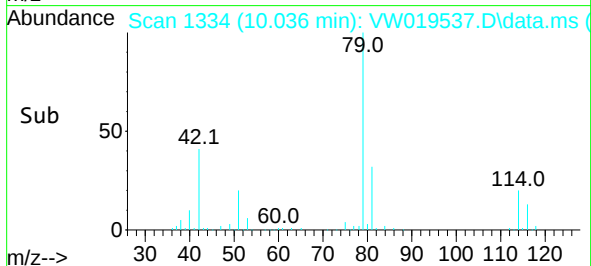
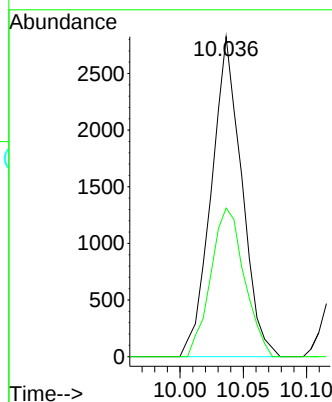
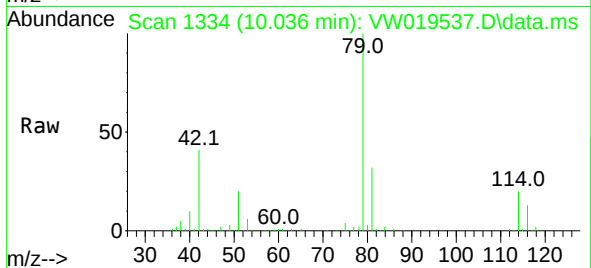




#39  
cis-1,3-Dichloropropene  
Concen: 0.456 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW019537.D  
Acq: 21 Jul 2021 16:41

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 75 Resp: 4719  
Ion Ratio Lower Upper  
75 100  
77 46.4 22.6 42.0#



#48  
2-Hexanone  
Concen: 3.845 ug/L  
RT: 10.927 min Scan# 1480  
Delta R.T. -0.043 min  
Lab File: VW019537.D  
Acq: 21 Jul 2021 16:41

Tgt Ion: 43 Resp: 11197  
Ion Ratio Lower Upper  
43 100  
58 21.9 42.7 64.1#  
57 21.8 15.8 23.8  
100 1.2 10.0 15.0#

