

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120421\  
 Data File : VW021137.D  
 Acq On : 05 Dec 2021 00:14  
 Operator : SY/VA  
 Sample : VW1205SBL01  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 06 04:28:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120321SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Dec 04 04:50:24 2021  
 Response via : Initial Calibration

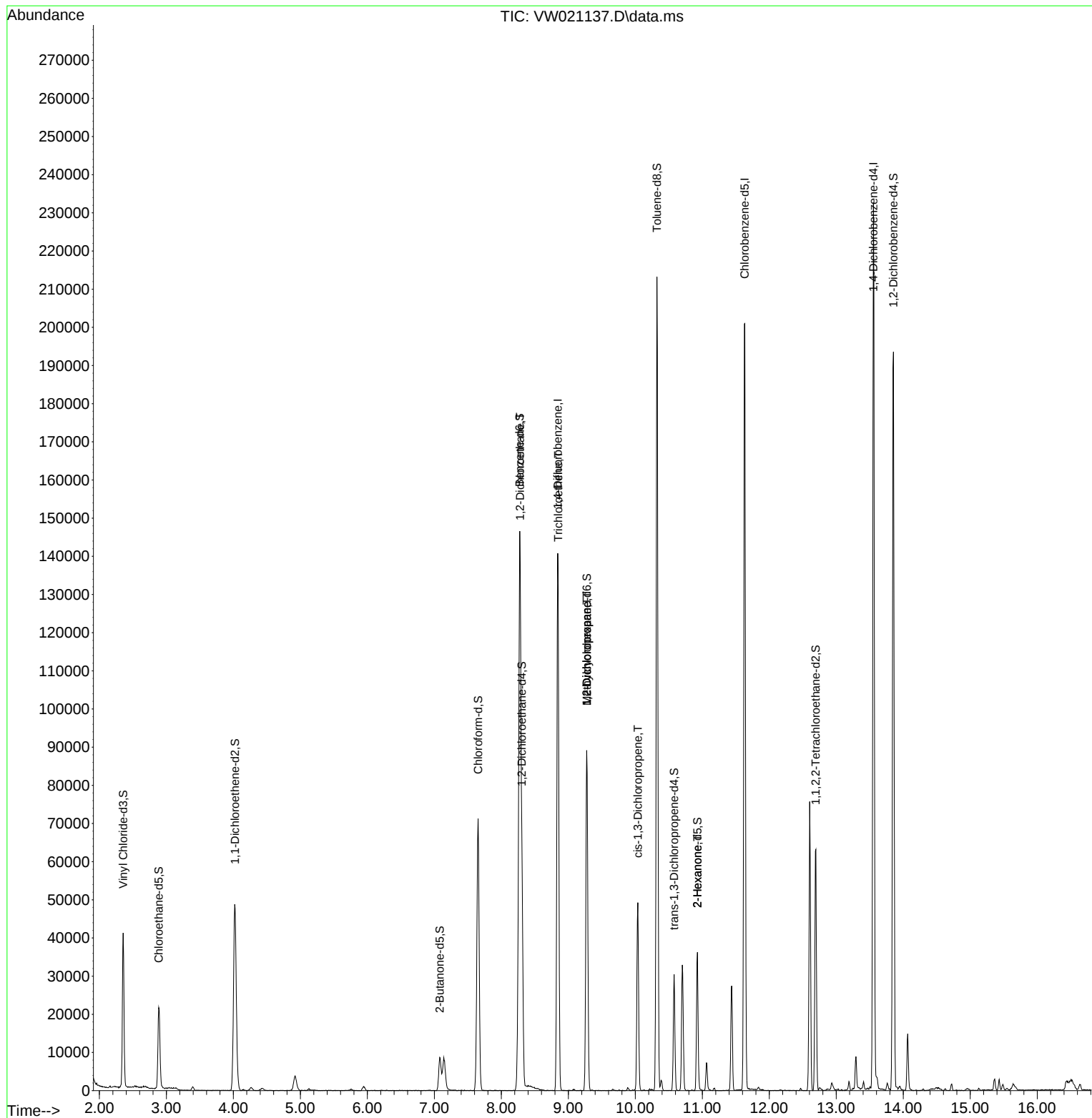
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 121746     | 25.000  | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 113629     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 60768      | 25.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 38520      | 22.709  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 90.840% |        |          |
| 7) Chloroethane-d5            | 2.885          | 69   | 24954      | 21.976  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 87.920% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.025          | 63   | 45924      | 16.947  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 67.800% |        |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 14816      | 38.294  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 76.580% |        |          |
| 24) Chloroform-d              | 7.653          | 84   | 68665      | 22.521  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 90.080% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 38411      | 23.028  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 92.120% |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 135132     | 23.259  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 93.040% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.275          | 67   | 37514      | 23.235  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 92.920% |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 135878     | 22.808  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 91.240% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 15062      | 20.545  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 82.160% |        |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 11809      | 38.228  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 76.460% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 28753      | 19.249  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 77.000% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 50498      | 23.193  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 92.760% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 27) 1,2-Dichloroethane        | 8.281          | 62   | 1009       | 0.515   | ug/L # | 77       |
| 34) Trichloroethene           | 8.848          | 95   | 3815       | 2.140   | ug/L # | 5        |
| 35) Methylcyclohexane         | 9.275          | 83   | 10121      | 3.373   | ug/L # | 14       |
| 37) 1,2-Dichloropropane       | 9.275          | 63   | 4972       | 3.404   | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 10.037         | 75   | 1569       | 0.664   | ug/L # | 79       |
| 48) 2-Hexanone                | 10.927         | 43   | 1572       | 2.190   | ug/L # | 69       |
| -----                         |                |      |            |         |        |          |

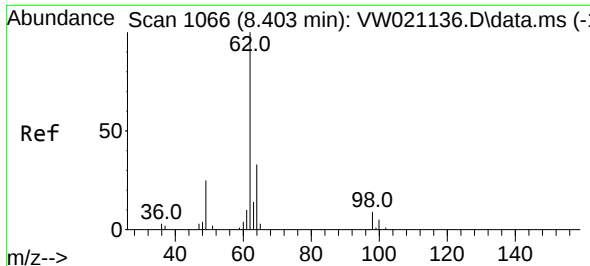
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120421\  
Data File : VW021137.D  
Acq On : 05 Dec 2021 00:14  
Operator : SY/VA  
Sample : VW1205SBL01  
Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Dec 06 04:28:57 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120321SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Dec 04 04:50:24 2021  
Response via : Initial Calibration

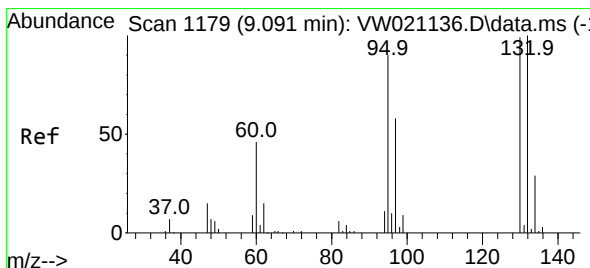
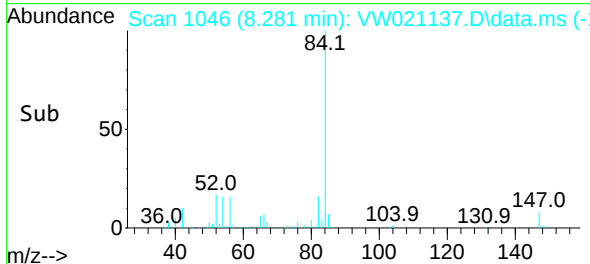
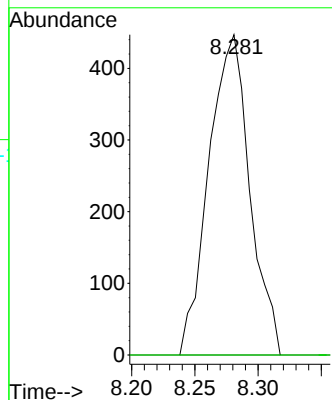
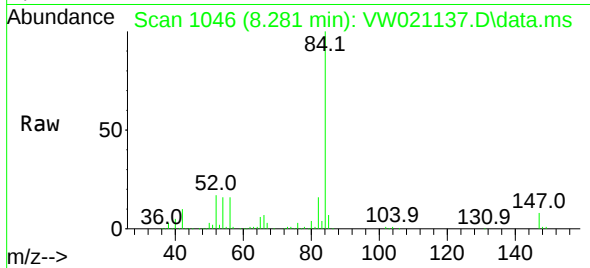




#27  
1,2-Dichloroethane  
Concen: 0.515 ug/L  
RT: 8.281 min Scan# 1046  
Delta R.T. -0.122 min  
Lab File: VW021137.D  
Acq: 05 Dec 2021 00:14

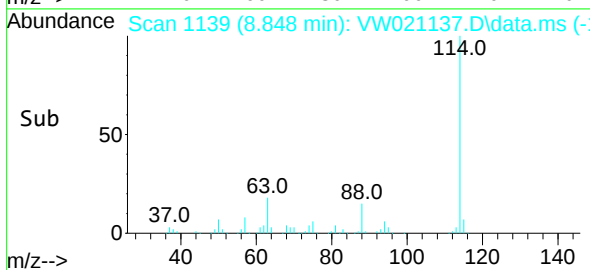
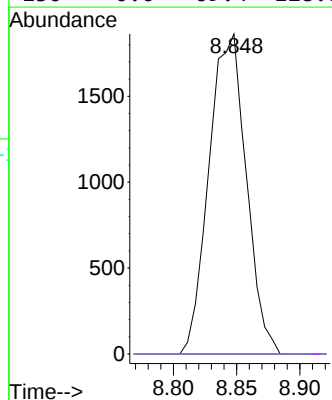
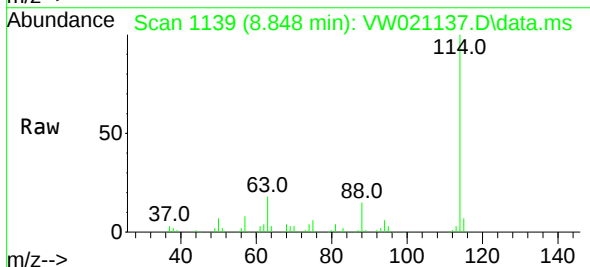
Instrument :  
MSVOA\_W  
ClientSampleId :

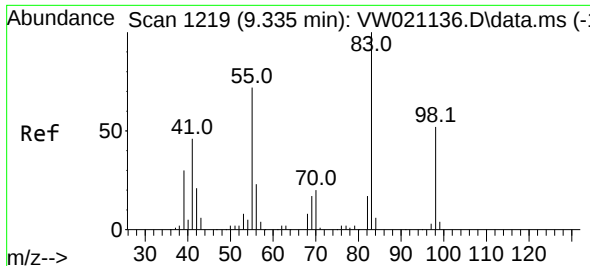
Tgt Ion: 62 Resp: 1009  
Ion Ratio Lower Upper  
62 100  
98 0.0 6.5 9.7#



#34  
Trichloroethene  
Concen: 2.140 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW021137.D  
Acq: 05 Dec 2021 00:14

Tgt Ion: 95 Resp: 3815  
Ion Ratio Lower Upper  
95 100  
97 0.0 47.0 87.2#  
132 0.0 65.5 121.6#  
130 0.0 69.4 128.8#

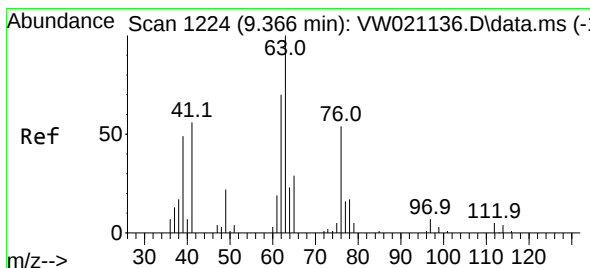
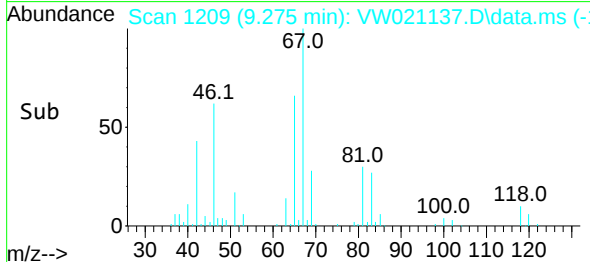
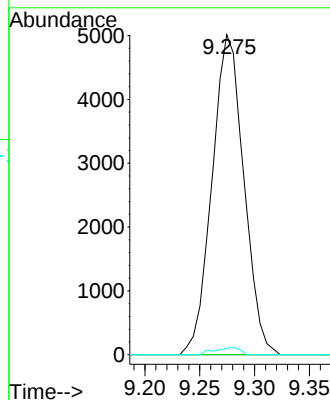
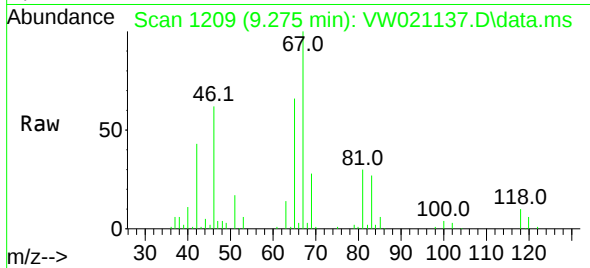




#35  
Methylcyclohexane  
Concen: 3.373 ug/L  
RT: 9.275 min Scan# 11  
Delta R.T. -0.061 min  
Lab File: VW021137.D  
Acq: 05 Dec 2021 00:14

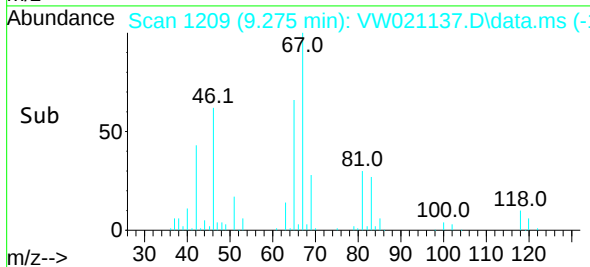
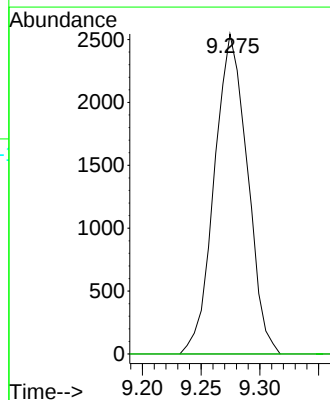
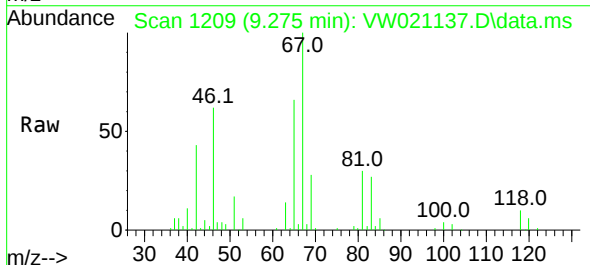
Instrument :  
MSVOA\_W  
ClientSampleId :

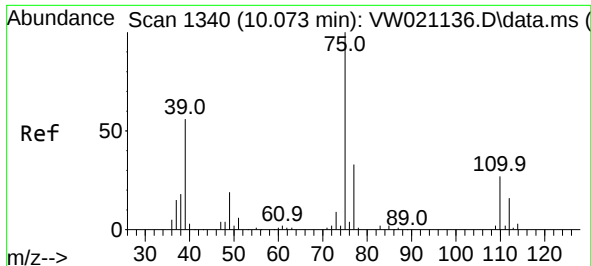
Tgt Ion: 83 Resp: 10121  
Ion Ratio Lower Upper  
83 100  
55 0.0 70.8 106.2#  
98 1.3 37.7 56.5#



#37  
1,2-Dichloropropane  
Concen: 3.404 ug/L  
RT: 9.275 min Scan# 1209  
Delta R.T. -0.098 min  
Lab File: VW021137.D  
Acq: 05 Dec 2021 00:14

Tgt Ion: 63 Resp: 4972  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.2 4.8#

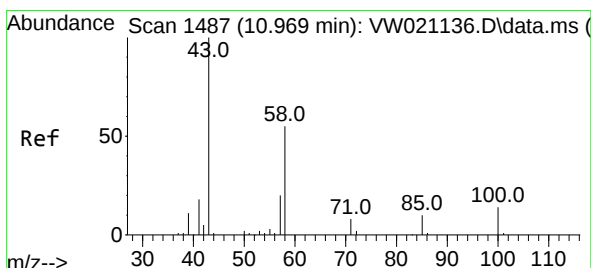
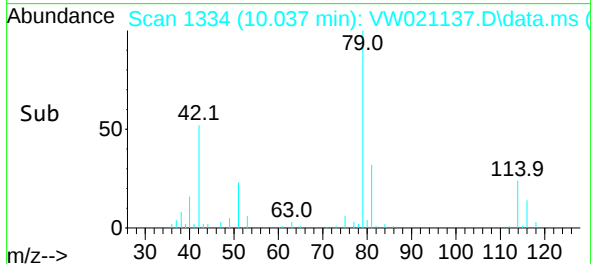
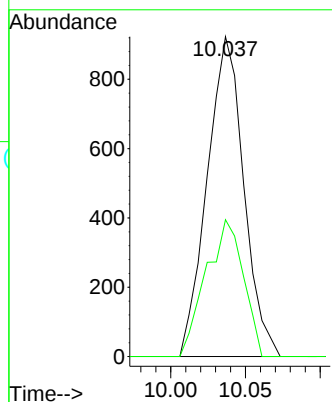
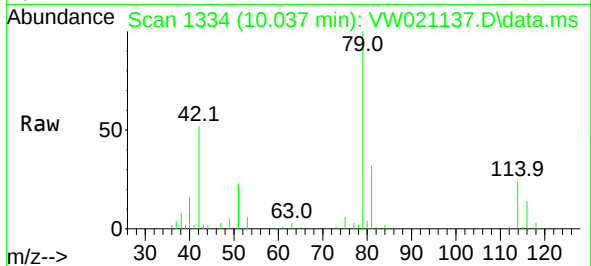




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.664 ug/L  
 RT: 10.037 min Scan# 11  
 Delta R.T. -0.037 min  
 Lab File: VW021137.D  
 Acq: 05 Dec 2021 00:14

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion: 75 Resp: 1569  
 Ion Ratio Lower Upper  
 75 100  
 77 42.8 21.8 40.6#



#48  
 2-Hexanone  
 Concen: 2.190 ug/L  
 RT: 10.927 min Scan# 1480  
 Delta R.T. -0.043 min  
 Lab File: VW021137.D  
 Acq: 05 Dec 2021 00:14

Tgt Ion: 43 Resp: 1572  
 Ion Ratio Lower Upper  
 43 100  
 58 22.2 40.2 60.2#  
 57 21.4 14.3 21.5  
 100 0.0 8.0 12.0#

