

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW112621\  
 Data File : VW020955.D  
 Acq On : 26 Nov 2021 14:14  
 Operator : SY/VA  
 Sample : M4833-13  
 Misc : 6.21g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 27 00:57:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM111521SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Nov 27 00:54:15 2021  
 Response via : Initial Calibration

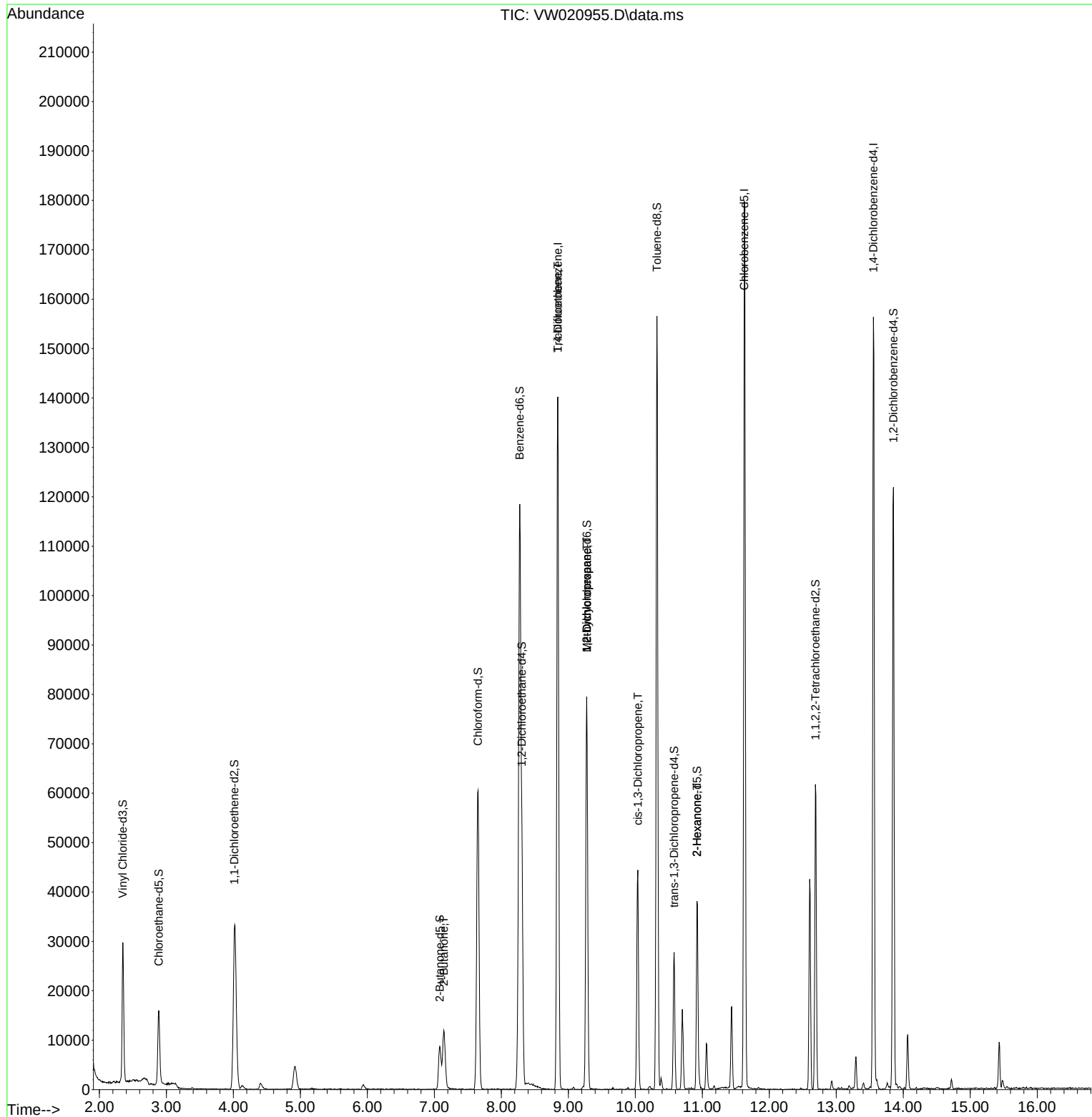
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 119710     | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 100072     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 42573      | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349          | 65   | 25997      | 18.722   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 74.880%  |        |          |
| 7) Chloroethane-d5            | 2.885          | 69   | 16588      | 18.523   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 74.080%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.013          | 63   | 31630      | 11.773   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 47.080%  |        |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 15151      | 43.715   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 87.420%  |        |          |
| 24) Chloroform-d              | 7.653          | 84   | 60957      | 20.209   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 80.840%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 33557      | 21.918   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 87.680%  |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 113474     | 21.515   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 86.040%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 34285      | 22.828   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 91.320%  |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 103359     | 19.744   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 78.960%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 14723      | 20.740   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 82.960%  |        |          |
| 47) 2-Hexanone-d5             | 10.921         | 63   | 12742      | 51.153   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 102.300% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 28377      | 24.664   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 98.640%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 32421      | 21.367   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 85.480%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 22) 2-Butanone                | 7.141          | 43   | 1357       | 3.228    | ug/L # | 52       |
| 34) Trichloroethene           | 8.842          | 95   | 3597       | 2.270    | ug/L # | 5        |
| 35) Methylcyclohexane         | 9.274          | 83   | 8718       | 3.336    | ug/L # | 14       |
| 37) 1,2-Dichloropropane       | 9.274          | 63   | 4372       | 3.315    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 10.037         | 75   | 1284       | 0.590    | ug/L # | 80       |
| 48) 2-Hexanone                | 10.921         | 43   | 2253       | 4.144    | ug/L # | 61       |
| -----                         |                |      |            |          |        |          |

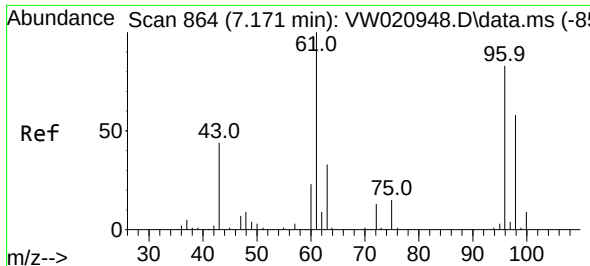
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Sat Nov 27 00:54:15 2021  
Response via : Initial Calibration

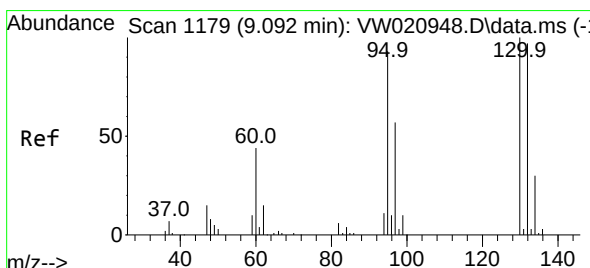
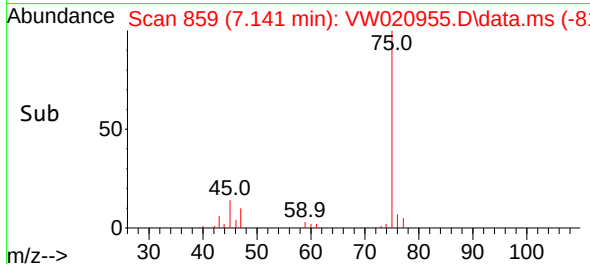
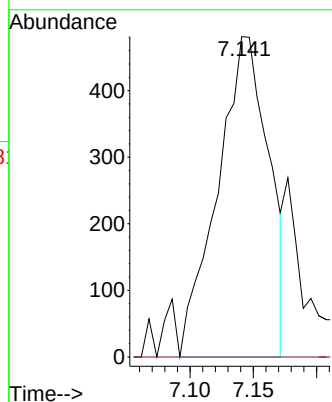
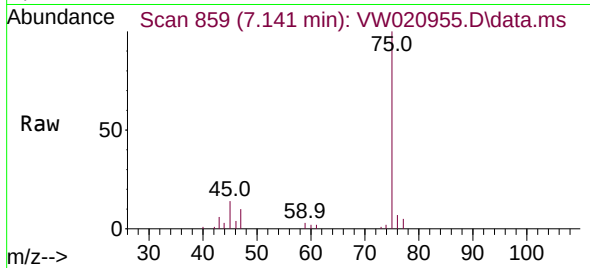




#22  
2-Butanone  
Concen: 3.228 ug/L  
RT: 7.141 min Scan# 81  
Delta R.T. -0.031 min  
Lab File: VW020955.D  
Acq: 26 Nov 2021 14:14

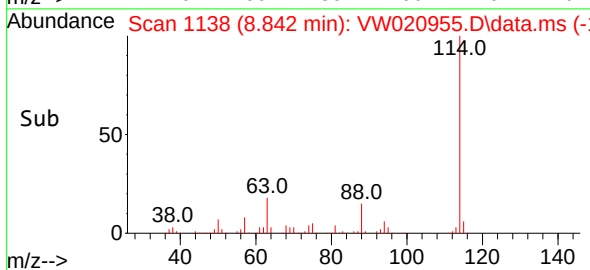
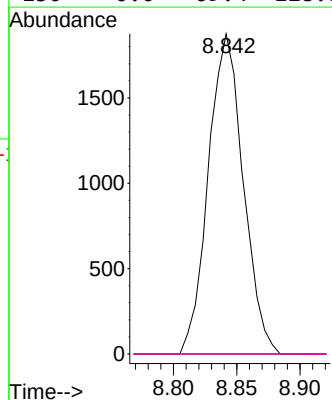
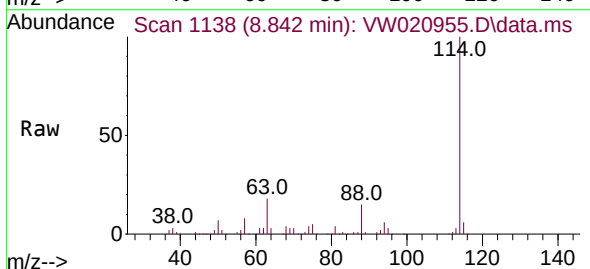
Instrument :  
MSVOA\_W  
ClientSampleId :

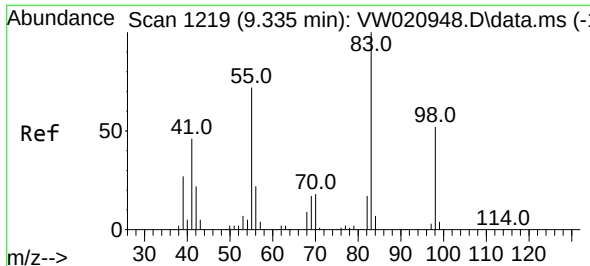
Tgt Ion: 43 Resp: 1357  
Ion Ratio Lower Upper  
43 100  
72 0.0 11.8 35.4#



#34  
Trichloroethene  
Concen: 2.270 ug/L  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW020955.D  
Acq: 26 Nov 2021 14:14

Tgt Ion: 95 Resp: 3597  
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: 3.336 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW020955.D

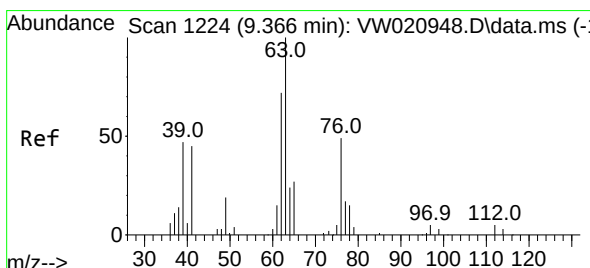
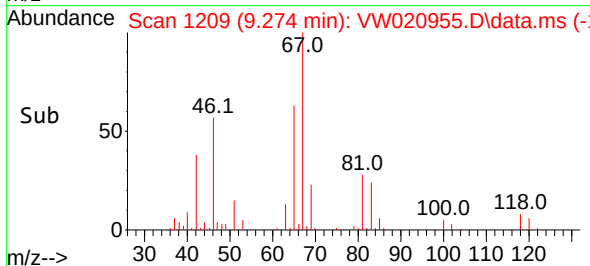
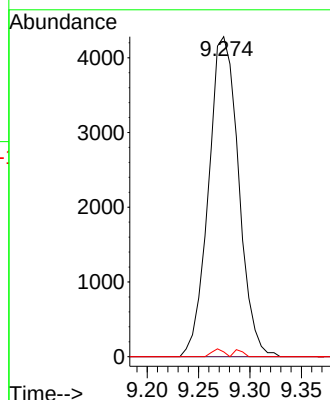
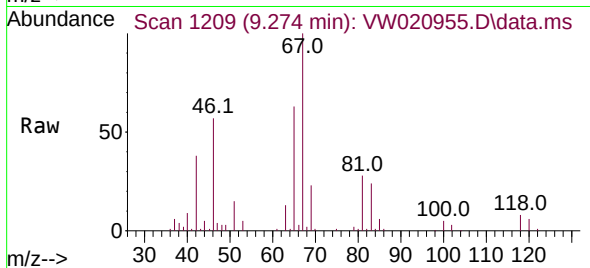
Acq: 26 Nov 2021 14:14

Instrument :

MSVOA\_W

ClientSampleId :

|             |                 |
|-------------|-----------------|
| Tgt Ion: 83 | Resp: 8718      |
| Ion Ratio   | Lower Upper     |
| 83          | 100             |
| 55          | 0.0 70.8 106.2# |
| 98          | 1.0 37.7 56.5#  |



#37

1,2-Dichloropropane

Concen: 3.315 ug/L

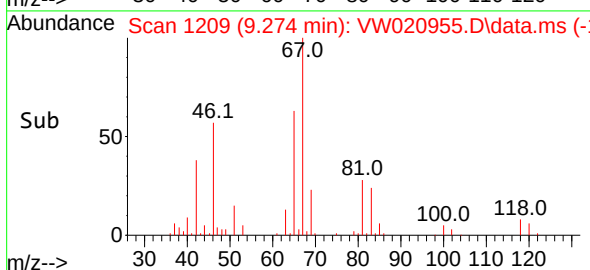
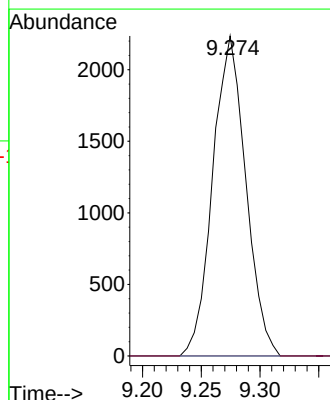
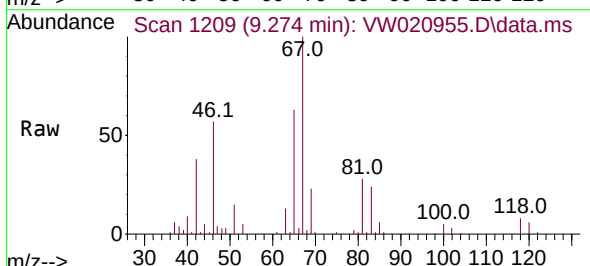
RT: 9.274 min Scan# 1209

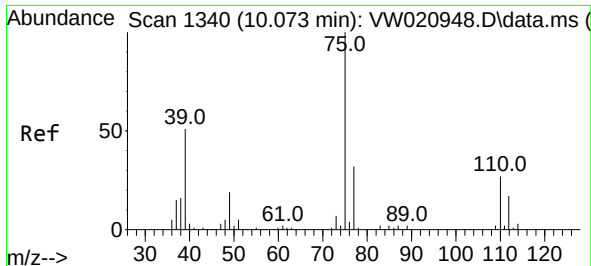
Delta R.T. -0.092 min

Lab File: VW020955.D

Acq: 26 Nov 2021 14:14

|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 4372   |
| Ion Ratio   | Lower Upper  |
| 63          | 100          |
| 112         | 0.0 3.2 4.8# |





#39

cis-1,3-Dichloropropene

Concen: 0.590 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW020955.D

Acq: 26 Nov 2021 14:14

Instrument :

MSVOA\_W

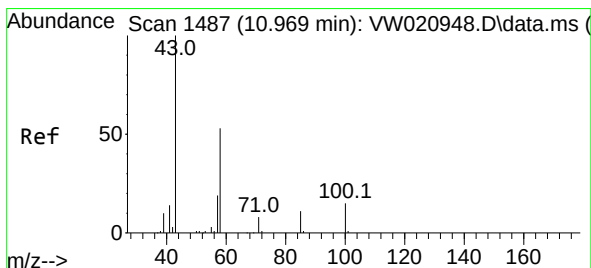
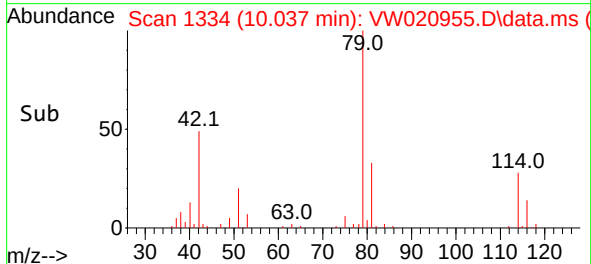
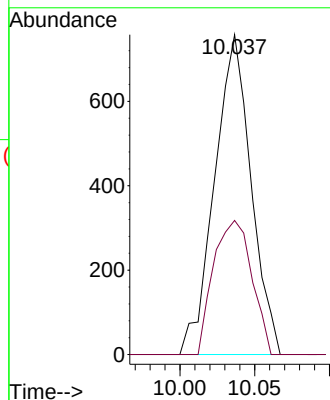
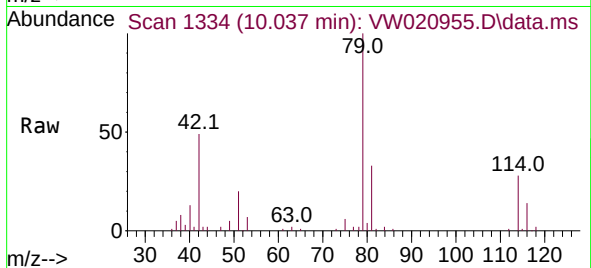
ClientSampleId :

Tgt Ion: 75 Resp: 1284

Ion Ratio Lower Upper

75 100

77 42.0 21.8 40.6#



#48

2-Hexanone

Concen: 4.144 ug/L

RT: 10.921 min Scan# 1479

Delta R.T. -0.049 min

Lab File: VW020955.D

Acq: 26 Nov 2021 14:14

Tgt Ion: 43 Resp: 2253

Ion Ratio Lower Upper

43 100

58 13.4 40.2 60.2#

57 15.4 14.3 21.5

100 0.0 8.0 12.0#

