

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112122\  
 Data File : VU052012.D  
 Acq On : 21 Nov 2022 22:24  
 Operator : JC/MD  
 Sample : N5710-17  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 22 01:07:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112122WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 22 01:03:12 2022  
 Response via : Initial Calibration

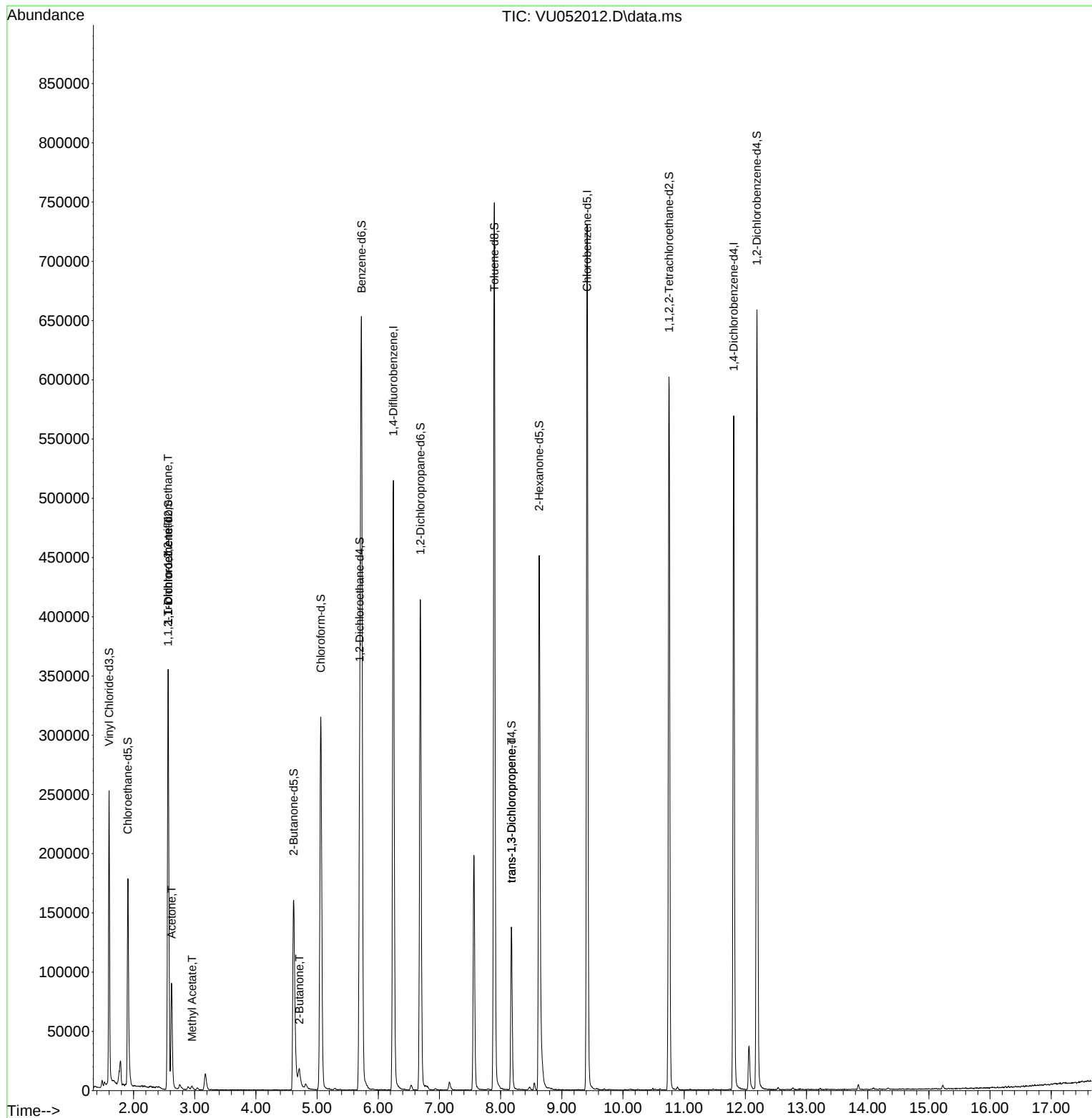
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114            | 432060   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.414   | 117            | 418124   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152            | 157792   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65             | 179369   | 47.907  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 95.820%  |          |
| 7) Chloroethane-d5            | 1.906   | 69             | 151360   | 51.045  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 102.100% |          |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63             | 210808   | 37.984  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 75.960%  |          |
| 21) 2-Butanone-d5             | 4.617   | 46             | 233499   | 103.781 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 103.780% |          |
| 24) Chloroform-d              | 5.060   | 84             | 299298   | 48.790  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 97.580%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.697   | 65             | 187446   | 50.805  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 101.600% |          |
| 32) Benzene-d6                | 5.726   | 84             | 630805   | 50.614  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 101.220% |          |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67             | 206503   | 51.576  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 103.160% |          |
| 41) Toluene-d8                | 7.896   | 98             | 521915   | 46.871  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 93.740%  |          |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79             | 80964    | 47.502  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 95.000%  |          |
| 47) 2-Hexanone-d5             | 8.629   | 63             | 154772   | 99.094  | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 99.090%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.752  | 84             | 312330   | 49.308  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 98.620%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189  | 152            | 180714   | 55.382  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 110.760% |          |
| Target Compounds              |         |                |          |         |          |          |
|                               |         |                |          |         | Qvalue   |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.562   | 101            | 2048     | 0.782   | ug/L #   | 23       |
| 12) 1,1-Dichloroethene        | 2.565   | 96             | 1686     | 0.674   | ug/L #   | 1        |
| 13) Acetone                   | 2.620   | 43             | 95355    | 46.394  | ug/L     | 97       |
| 15) Methyl Acetate            | 2.954   | 43             | 4448     | 1.356   | ug/L #   | 85       |
| 22) 2-Butanone                | 4.710   | 43             | 23559    | 9.193   | ug/L     | 98       |
| 44) trans-1,3-Dichloropropene | 8.176   | 75             | 3195     | 0.730   | ug/L     | 87       |
| -----                         |         |                |          |         |          |          |

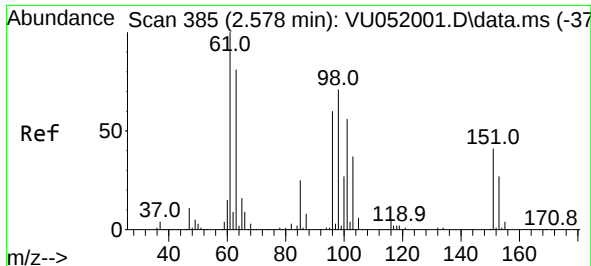
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112122\  
Data File : VU052012.D  
Acq On : 21 Nov 2022 22:24  
Operator : JC/MD  
Sample : N5710-17  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Nov 22 01:07:08 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112122WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Nov 22 01:03:12 2022  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.782 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU052012.D

Acq: 21 Nov 2022 22:24

Instrument :

MSVOA\_U

ClientSampleId :

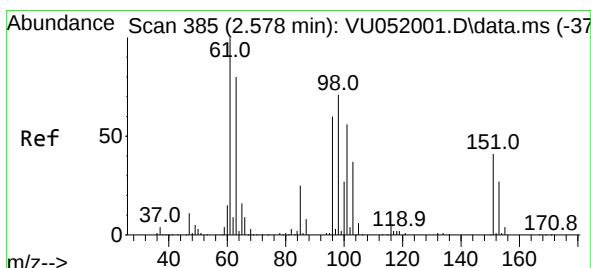
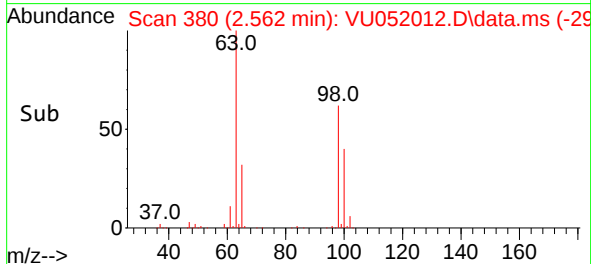
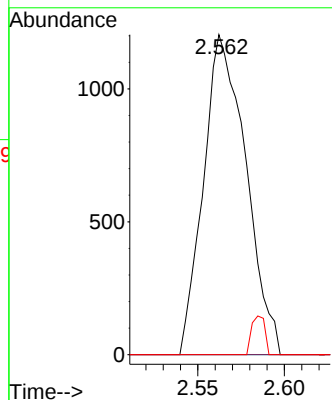
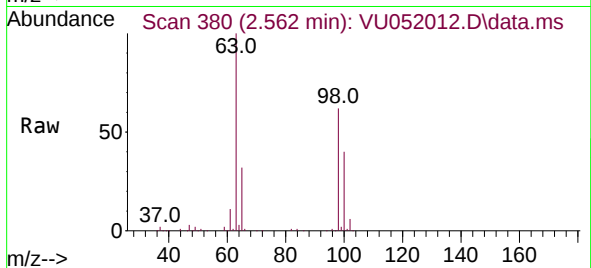
Tgt Ion:101 Resp: 2048

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 3.8 58.9 88.3#



#12

1,1-Dichloroethene

Concen: 0.674 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.012 min

Lab File: VU052012.D

Acq: 21 Nov 2022 22:24

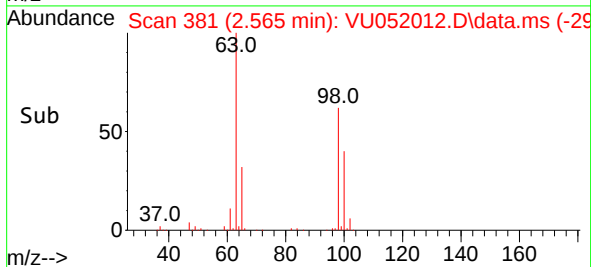
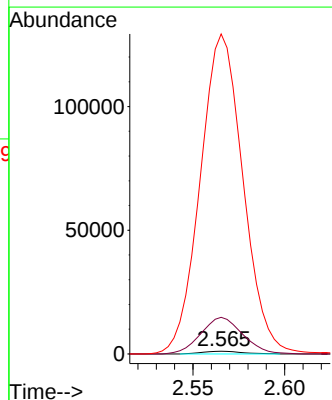
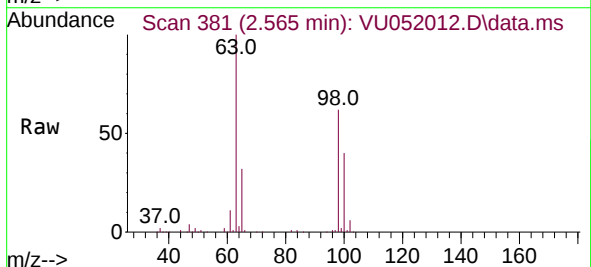
Tgt Ion: 96 Resp: 1686

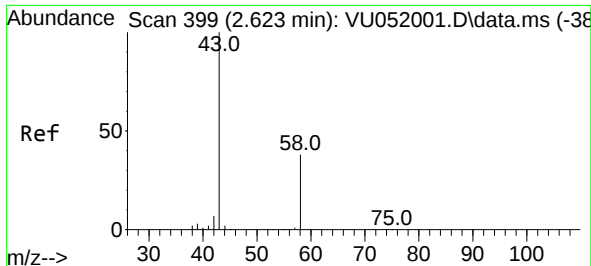
Ion Ratio Lower Upper

96 100

61 1373.2 114.2 212.0#

63 11964.5 90.9 168.7#





#13

Acetone

Concen: 46.394 ug/L

RT: 2.620 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU052012.D

Acq: 21 Nov 2022 22:24

Instrument :

MSVOA\_U

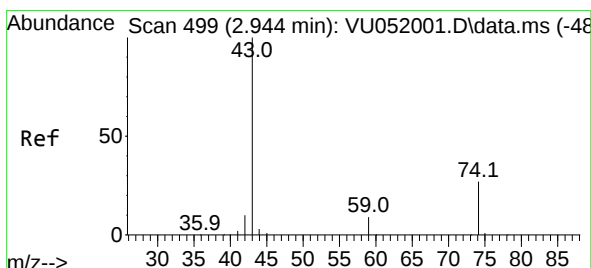
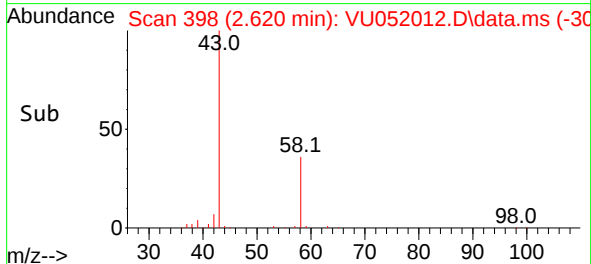
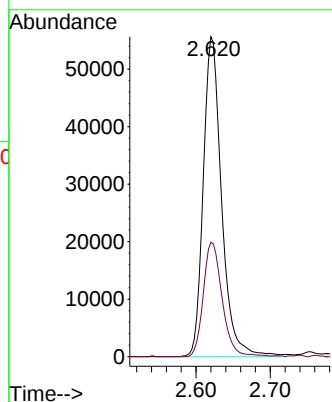
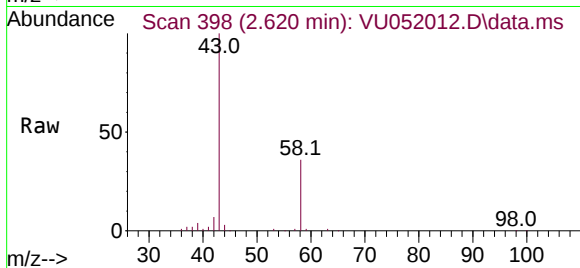
ClientSampleId :

Tgt Ion: 43 Resp: 95355

Ion Ratio Lower Upper

43 100

58 36.8 0.0 76.6



#15

Methyl Acetate

Concen: 1.356 ug/L

RT: 2.954 min Scan# 502

Delta R.T. 0.010 min

Lab File: VU052012.D

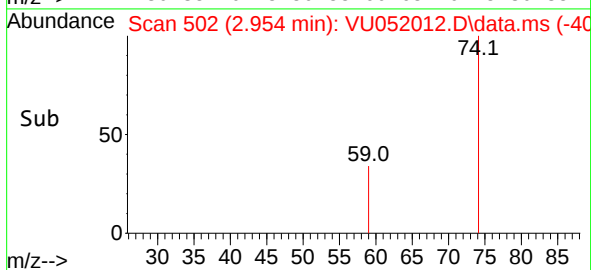
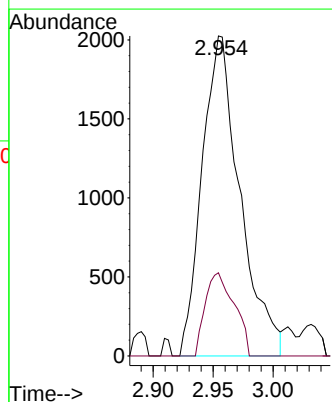
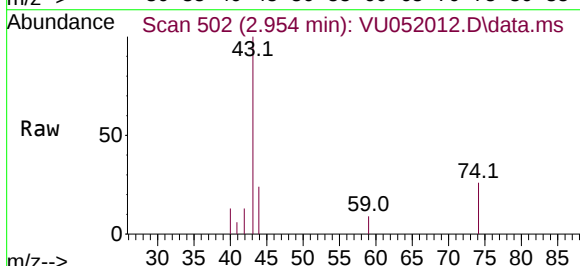
Acq: 21 Nov 2022 22:24

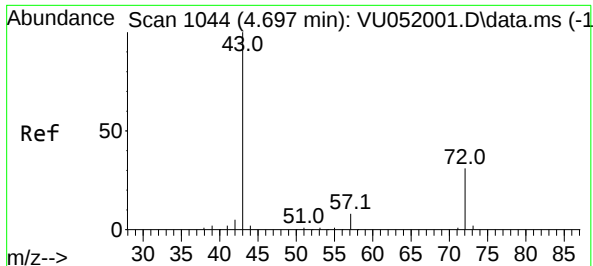
Tgt Ion: 43 Resp: 4448

Ion Ratio Lower Upper

43 100

74 19.9 22.2 33.4#





#22

2-Butanone

Concen: 9.193 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.013 min

Lab File: VU052012.D

Acq: 21 Nov 2022 22:24

Instrument :

MSVOA\_U

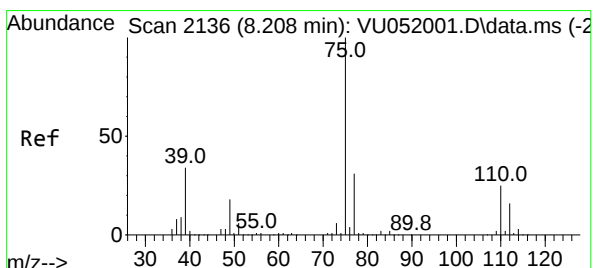
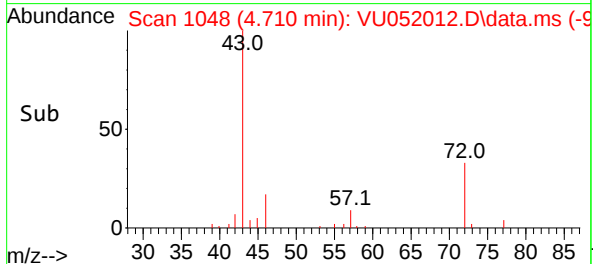
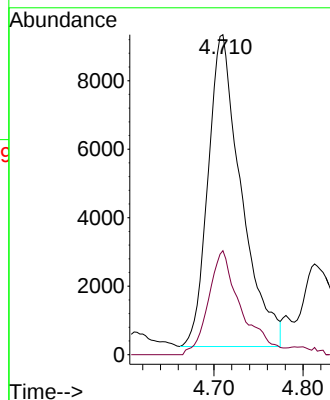
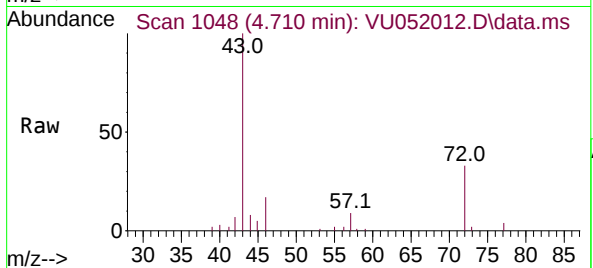
ClientSampleId :

Tgt Ion: 43 Resp: 23559

Ion Ratio Lower Upper

43 100

72 32.9 15.9 47.7



#44

trans-1,3-Dichloropropene

Concen: 0.730 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU052012.D

Acq: 21 Nov 2022 22:24

Tgt Ion: 75 Resp: 3195

Ion Ratio Lower Upper

75 100

77 39.7 22.7 42.1

