

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051222\  
 Data File : VU048541.D  
 Acq On : 12 May 2022 15:02  
 Operator : SY/MD  
 Sample : N2790-18  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 13 03:59:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM050622WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 13 03:54:05 2022  
 Response via : Initial Calibration

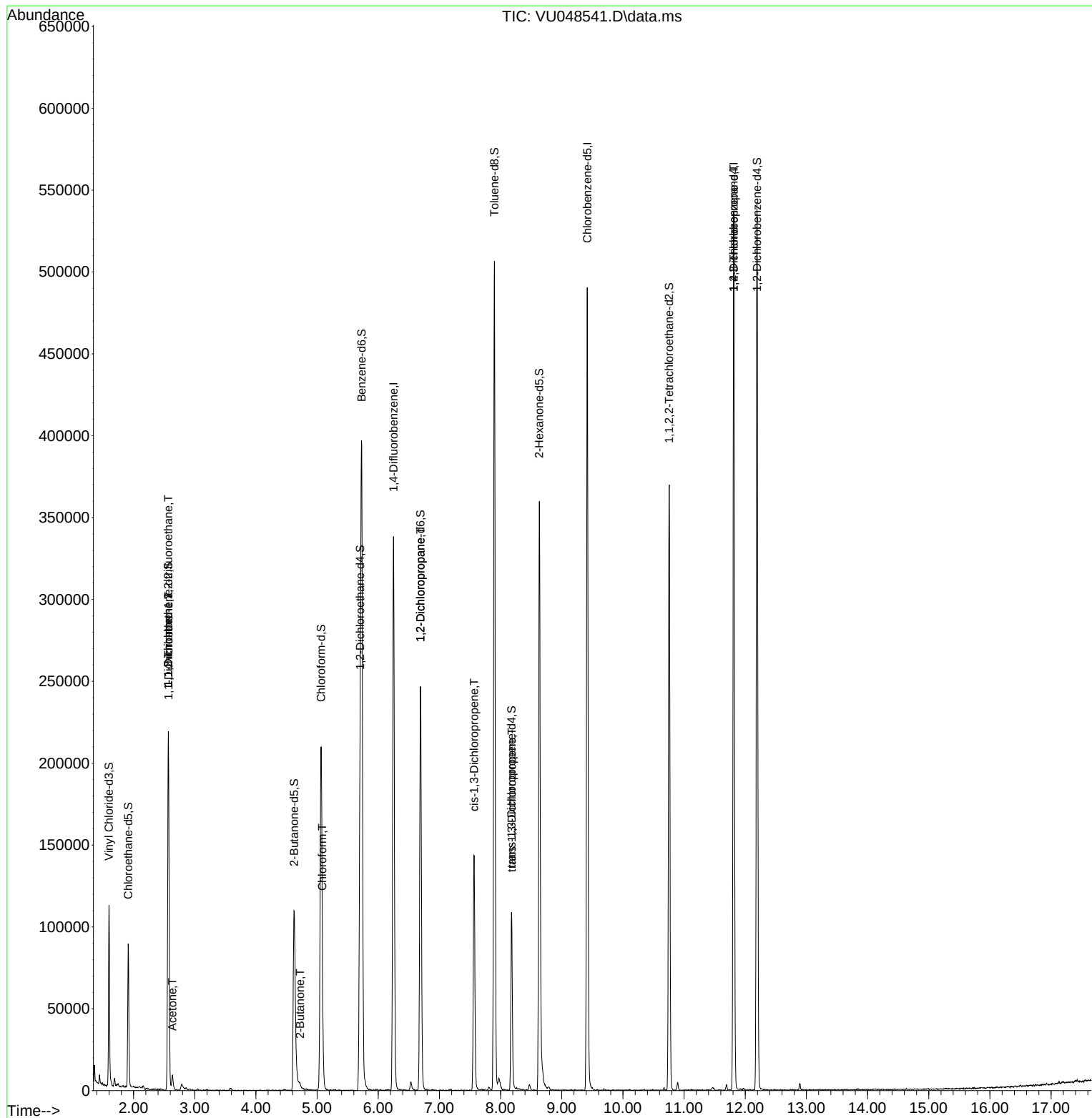
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250          | 114  | 269843     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 272432     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 143772     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 76809      | 33.051   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 66.100%  |        |          |
| 7) Chloroethane-d5            | 1.912          | 69   | 60173      | 39.674   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 79.340%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.568          | 63   | 127854     | 30.913   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 61.820%  |        |          |
| 21) 2-Butanone-d5             | 4.623          | 46   | 163968     | 82.848   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 82.850%  |        |          |
| 24) Chloroform-d              | 5.067          | 84   | 198142     | 49.087   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.180%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.703          | 65   | 141321     | 53.859   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 107.720% |        |          |
| 32) Benzene-d6                | 5.729          | 84   | 361288     | 43.641   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.280%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 111545     | 41.318   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 82.640%  |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 329545     | 45.009   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.020%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 62506      | 50.304   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 100.600% |        |          |
| 47) 2-Hexanone-d5             | 8.632          | 63   | 121572     | 93.041   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 93.040%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755         | 84   | 172152     | 41.864   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 83.720%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 141148     | 49.579   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 99.160%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568          | 101  | 1136       | 0.568    | ug/L # | 19       |
| 12) 1,1-Dichloroethene        | 2.572          | 96   | 867        | 0.459    | ug/L # | 1        |
| 13) Acetone                   | 2.636          | 43   | 10185      | 6.826    | ug/L   | 98       |
| 22) 2-Butanone                | 4.723          | 43   | 2837       | 1.272    | ug/L   | 88       |
| 25) Chloroform                | 5.086          | 83   | 18752      | 4.565    | ug/L   | 100      |
| 37) 1,2-Dichloropropane       | 6.690          | 63   | 13472      | 5.146    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.568          | 75   | 3594       | 0.965    | ug/L # | 53       |
| 44) trans-1,3-Dichloropropene | 8.182          | 75   | 2777       | 0.767    | ug/L   | 87       |
| 60) 1,2,3-Trichloropropane    | 11.812         | 75   | 13275      | 3.537    | ug/L # | 64       |
| -----                         |                |      |            |          |        |          |

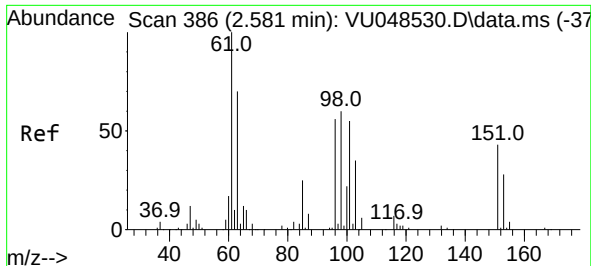
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051222\  
Data File : VU048541.D  
Acq On : 12 May 2022 15:02  
Operator : SY/MD  
Sample : N2790-18  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: May 13 03:59:05 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM050622WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri May 13 03:54:05 2022  
Response via : Initial Calibration

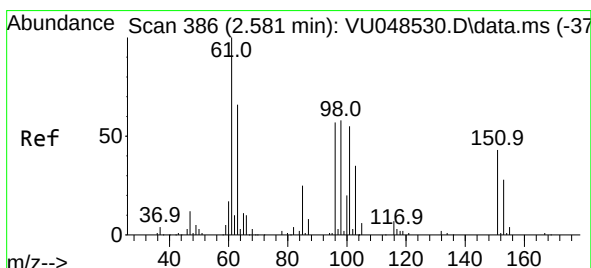
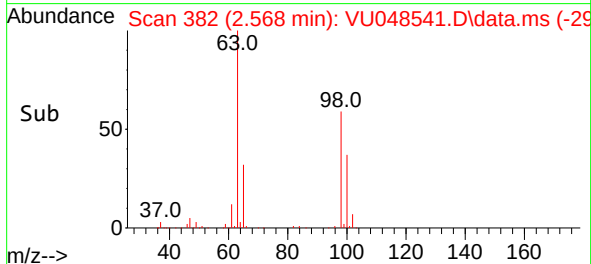
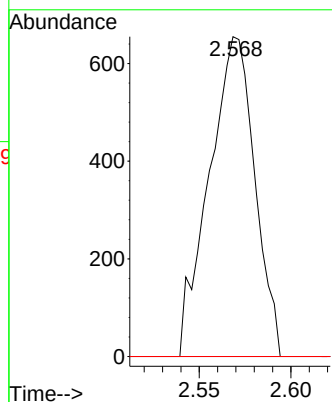
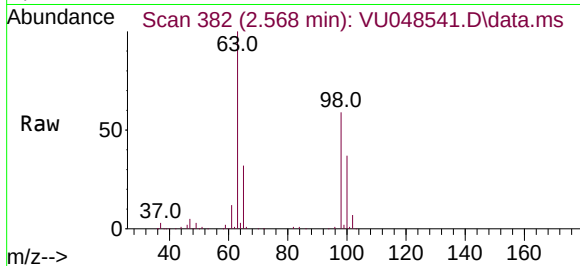




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.568 ug/L  
 RT: 2.568 min Scan# 311  
 Delta R.T. -0.013 min  
 Lab File: VU048541.D  
 Acq: 12 May 2022 15:02

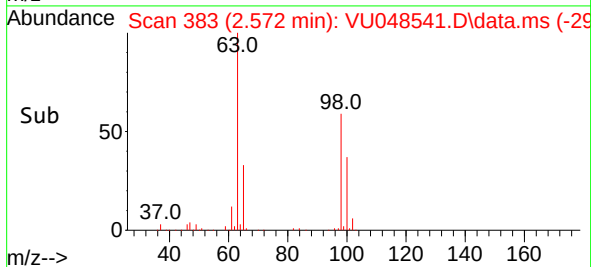
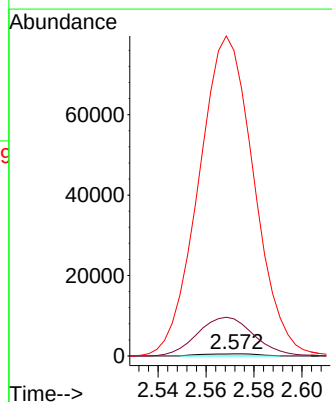
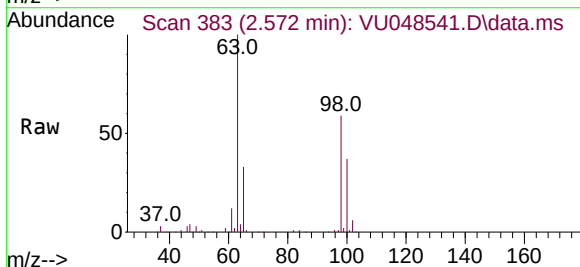
Instrument :  
 MSVOA\_U  
 ClientSampleId :

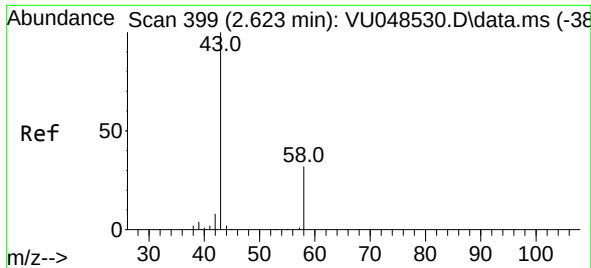
Tgt Ion:101 Resp: 1136  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 34.8 52.2#  
 151 0.0 60.7 91.1#



#12  
 1,1-Dichloroethene  
 Concen: 0.459 ug/L  
 RT: 2.572 min Scan# 383  
 Delta R.T. -0.009 min  
 Lab File: VU048541.D  
 Acq: 12 May 2022 15:02

Tgt Ion: 96 Resp: 867  
 Ion Ratio Lower Upper  
 96 100  
 61 1760.3 124.5 231.3#  
 63 14491.6 92.5 171.9#





#13

Acetone

Concen: 6.826 ug/L

RT: 2.636 min Scan# 403

Delta R.T. 0.013 min

Lab File: VU048541.D

Acq: 12 May 2022 15:02

Instrument :

MSVOA\_U

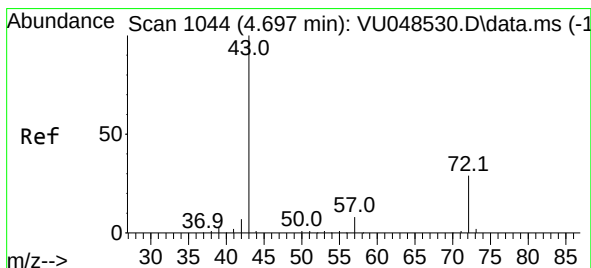
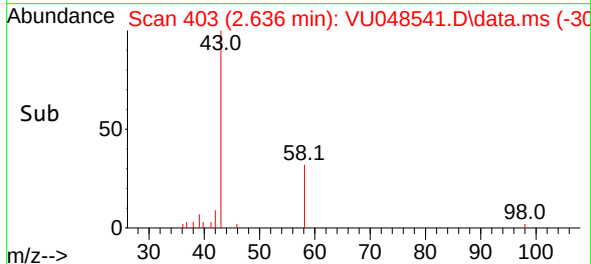
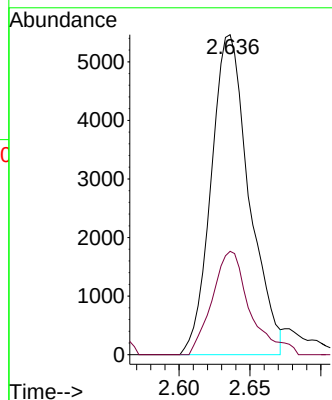
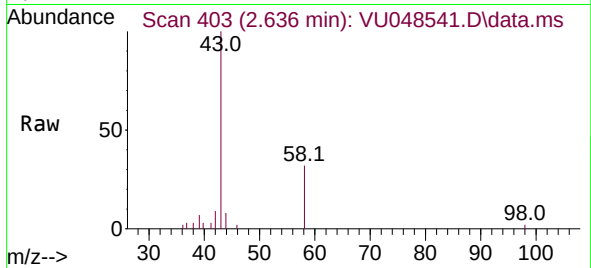
ClientSampleId :

Tgt Ion: 43 Resp: 10185

Ion Ratio Lower Upper

43 100

58 32.1 0.0 66.2



#22

2-Butanone

Concen: 1.272 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.026 min

Lab File: VU048541.D

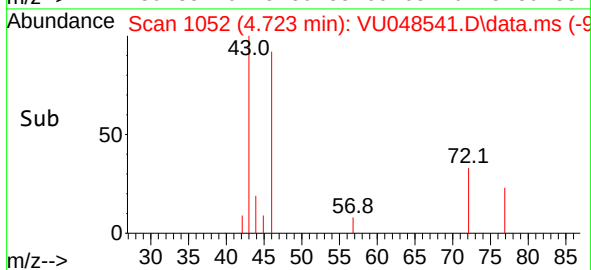
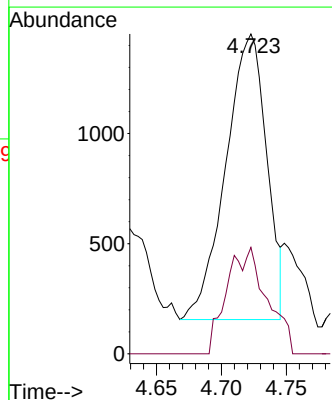
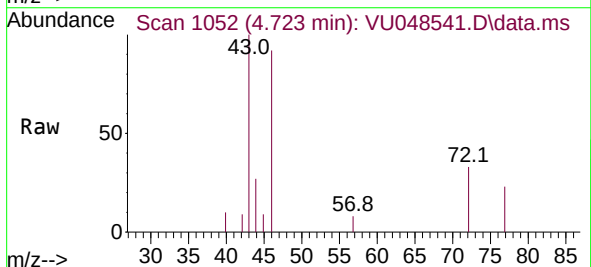
Acq: 12 May 2022 15:02

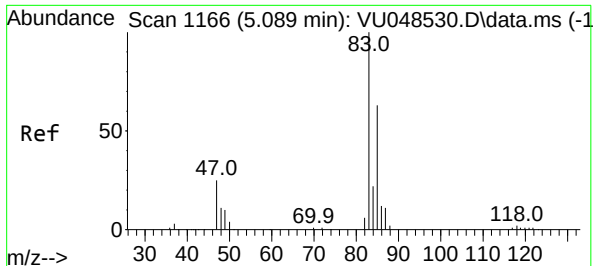
Tgt Ion: 43 Resp: 2837

Ion Ratio Lower Upper

43 100

72 20.3 13.3 39.9





#25

Chloroform

Concen: 4.565 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048541.D

Acq: 12 May 2022 15:02

Instrument :

MSVOA\_U

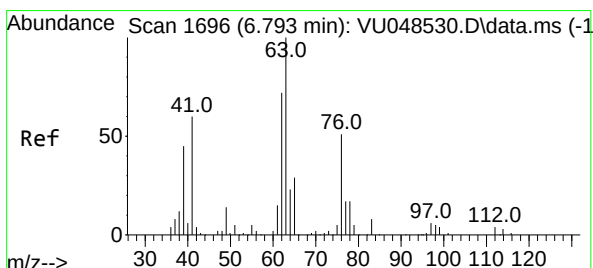
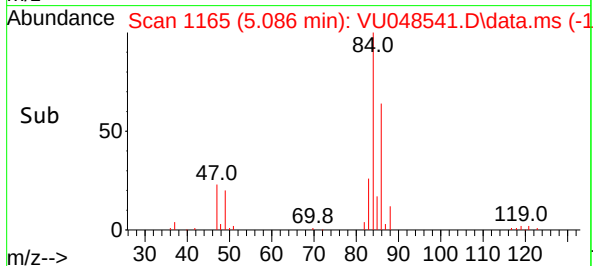
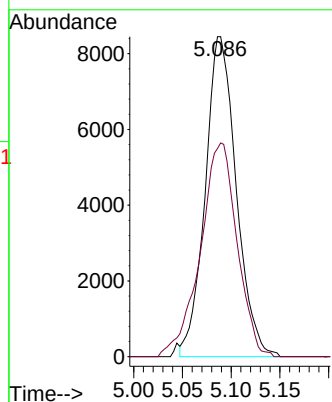
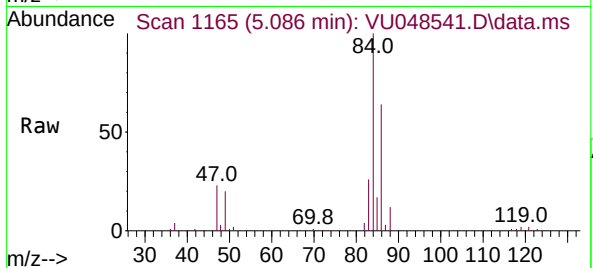
ClientSampleId :

Tgt Ion: 83 Resp: 18752

Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.2



#37

1,2-Dichloropropane

Concen: 5.146 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048541.D

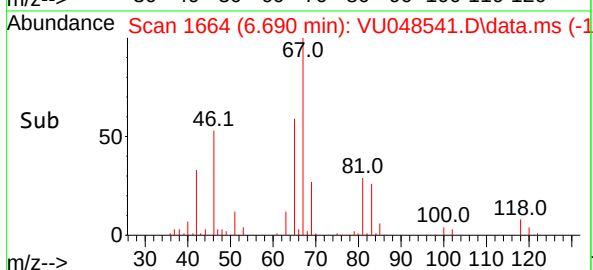
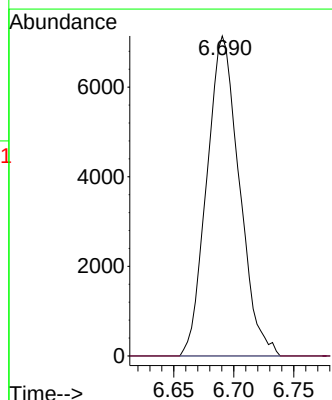
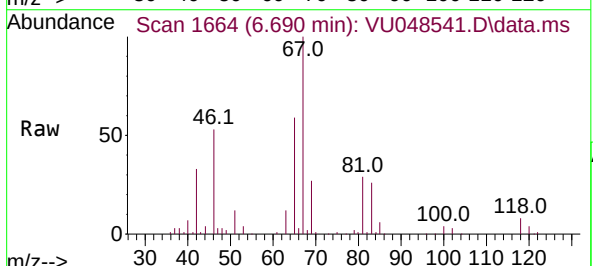
Acq: 12 May 2022 15:02

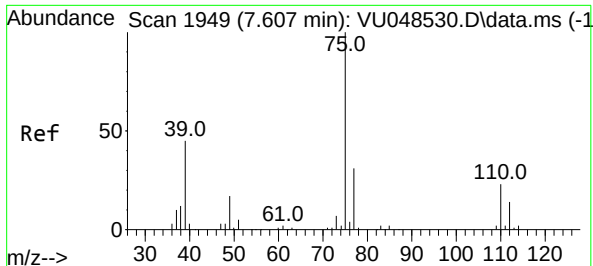
Tgt Ion: 63 Resp: 13472

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.965 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU048541.D

Acq: 12 May 2022 15:02

Instrument :

MSVOA\_U

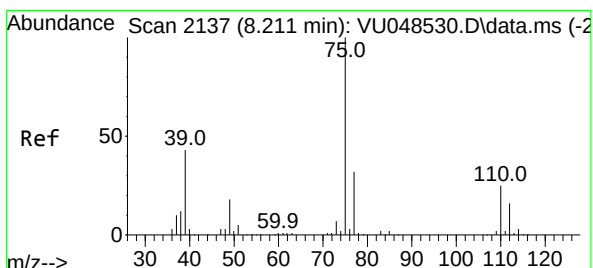
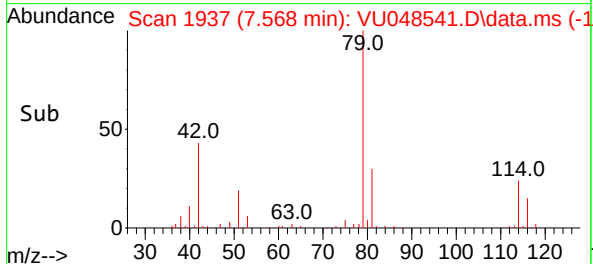
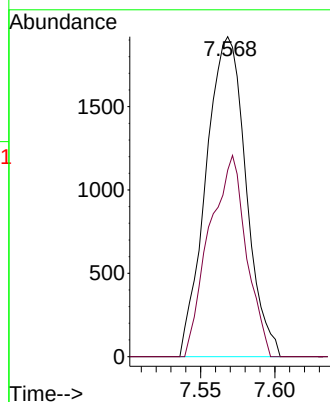
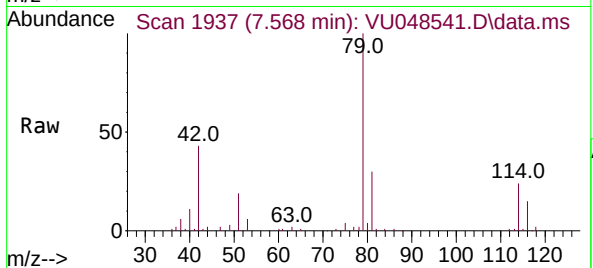
ClientSampleId :

Tgt Ion: 75 Resp: 3594

Ion Ratio Lower Upper

75 100

77 58.3 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.767 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048541.D

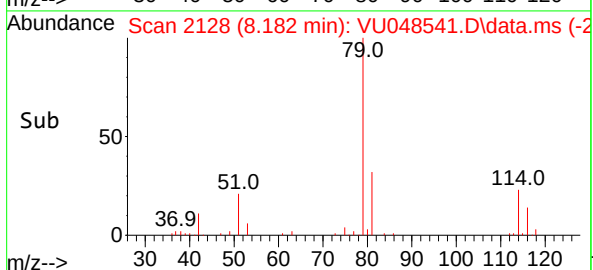
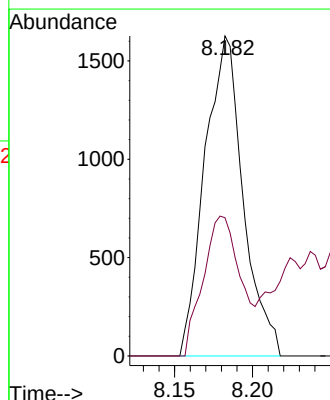
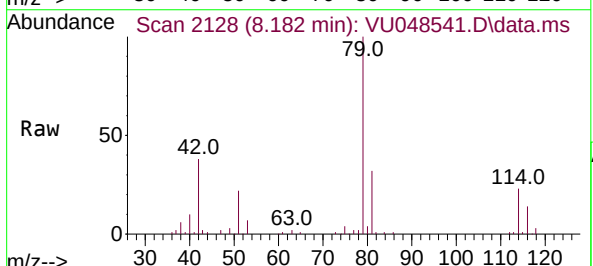
Acq: 12 May 2022 15:02

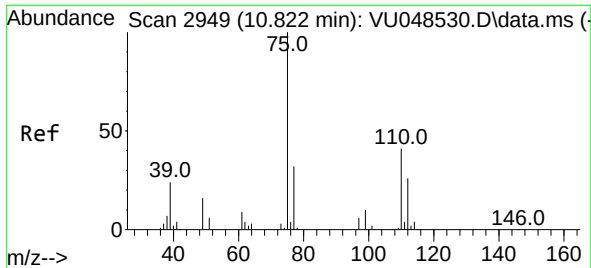
Tgt Ion: 75 Resp: 2777

Ion Ratio Lower Upper

75 100

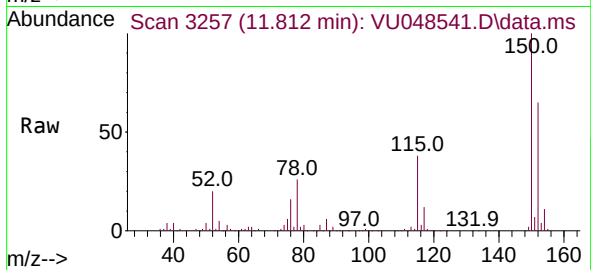
77 39.5 22.6 42.0





#60  
 1,2,3-Trichloropropane  
 Concen: 3.537 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.991 min  
 Lab File: VU048541.D  
 Acq: 12 May 2022 15:02

Instrument :  
 MSVOA\_U  
 ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 40.9  | 25.5  | 38.3# |
| 110     | 4.4   | 28.9  | 43.3# |

