

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061022\  
 Data File : VU049030.D  
 Acq On : 11 Jun 2022 04:49  
 Operator : SY/MD  
 Sample : N3249-12  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXYW3

Quant Time: Jun 11 07:56:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM061022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 11 04:33:31 2022  
 Response via : Initial Calibration

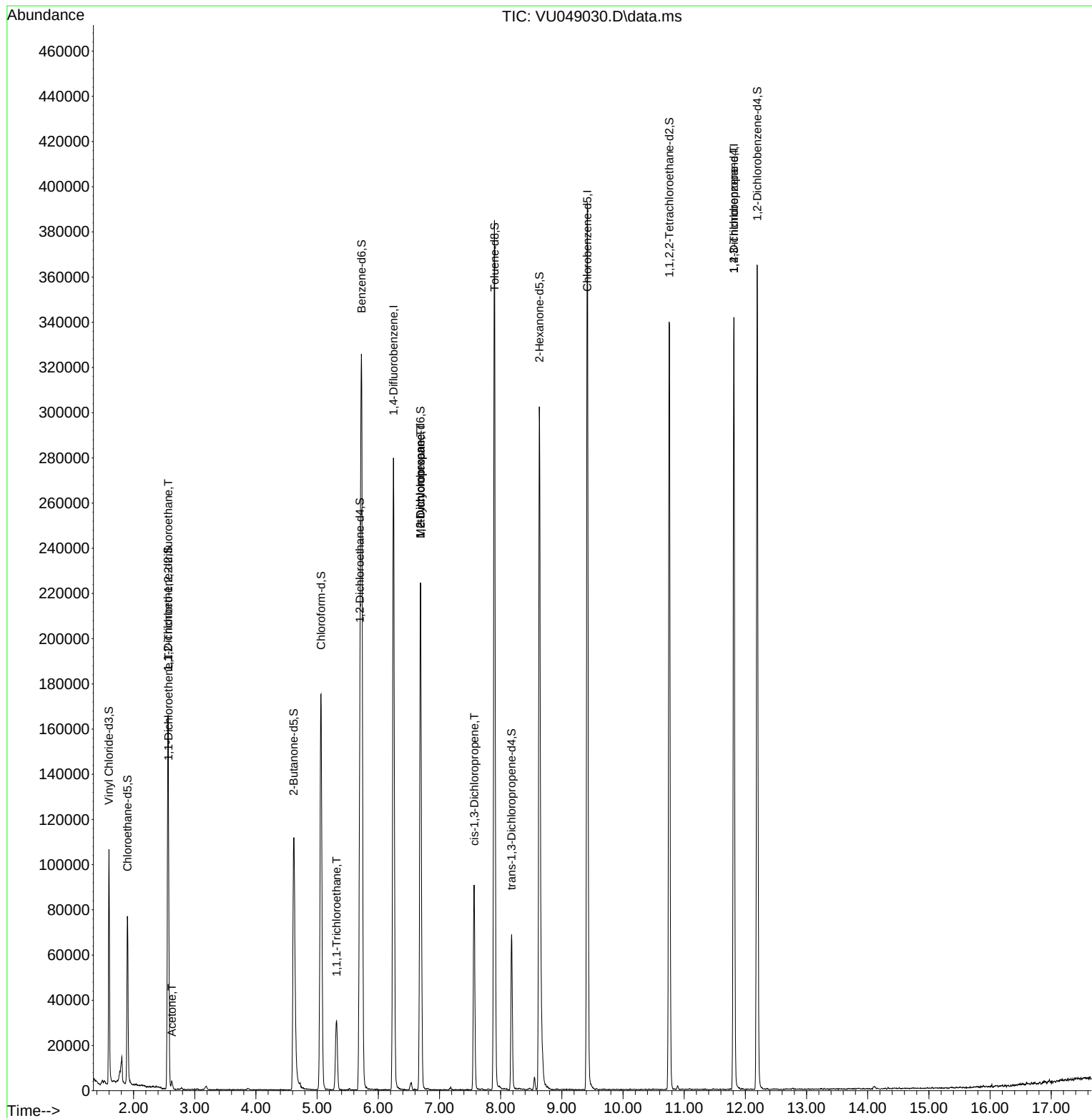
| Compound                      | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                         |                |      |                      |         |        |          |
| Internal Standards            |                |      |                      |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.250          | 114  | 226854               | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 218030               | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 91138                | 50.000  | ug/L   | 0.00     |
|                               |                |      |                      |         |        |          |
| System Monitoring Compounds   |                |      |                      |         |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 73388                | 52.513  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 105.020%  |         |        |          |
| 7) Chloroethane-d5            | 1.899          | 69   | 55084                | 53.682  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 107.360%  |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 100474               | 38.101  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 76.200%   |         |        |          |
| 21) 2-Butanone-d5             | 4.616          | 46   | 164625               | 107.441 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 107.440%  |         |        |          |
| 24) Chloroform-d              | 5.063          | 84   | 164184               | 55.072  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 110.140%  |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 114025               | 59.035  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 118.080%  |         |        |          |
| 32) Benzene-d6                | 5.726          | 84   | 304992               | 56.413  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 112.820%  |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 107052               | 58.901  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 117.800%  |         |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 251730               | 52.796  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 105.600%  |         |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 37873                | 44.293  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 88.580%   |         |        |          |
| 47) 2-Hexanone-d5             | 8.632          | 63   | 91265                | 95.944  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 95.940%   |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754         | 84   | 167014               | 55.018  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 110.040%  |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 98367                | 62.032  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 124.060%# |         |        |          |
|                               |                |      |                      |         |        |          |
| Target Compounds              |                |      |                      |         |        |          |
|                               |                |      |                      |         | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565          | 101  | 939                  | 0.588   | ug/L # | 19       |
| 12) 1,1-Dichloroethene        | 2.571          | 96   | 1414                 | 1.011   | ug/L # | 1        |
| 13) Acetone                   | 2.623          | 43   | 4096                 | 3.397   | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 5.317          | 97   | 22900                | 7.531   | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.690          | 83   | 24285                | 9.771   | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.690          | 63   | 11189                | 5.617   | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.568          | 75   | 2135                 | 0.728   | ug/L # | 32       |
| 60) 1,2,3-Trichloropropane    | 11.812         | 75   | 9998                 | 4.325   | ug/L # | 68       |
| -----                         |                |      |                      |         |        |          |

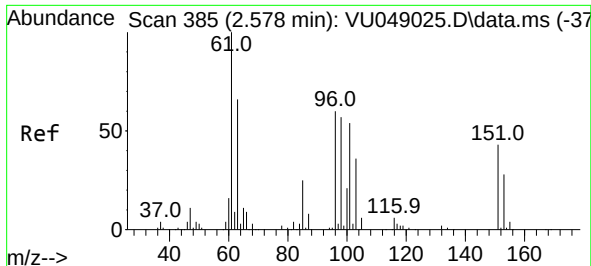
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
EXYW3

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Quant Title : VOC Analysis  
QLast Update : Sat Jun 11 04:33:31 2022  
Response via : Initial Calibration

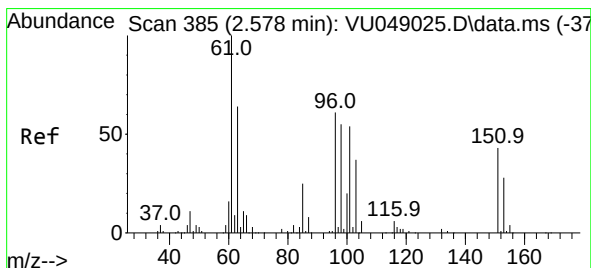
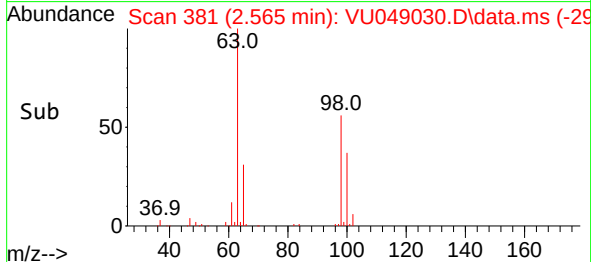
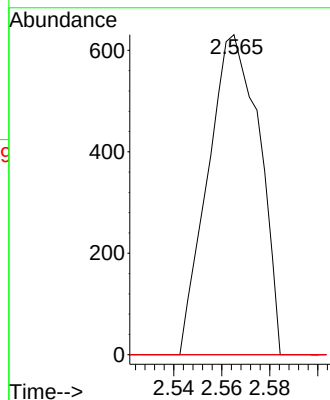
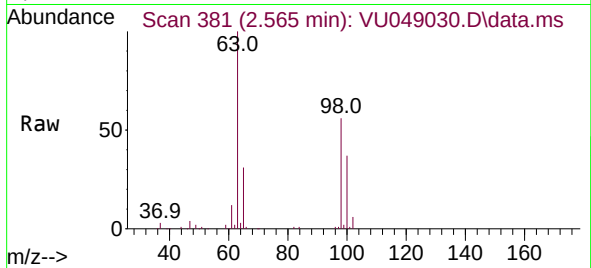




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.588 ug/L  
RT: 2.565 min Scan# 31  
Delta R.T. -0.013 min  
Lab File: VU049030.D  
Acq: 11 Jun 2022 04:49

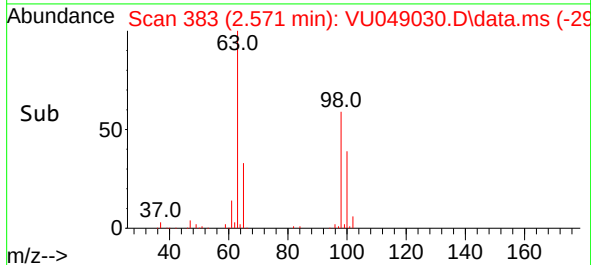
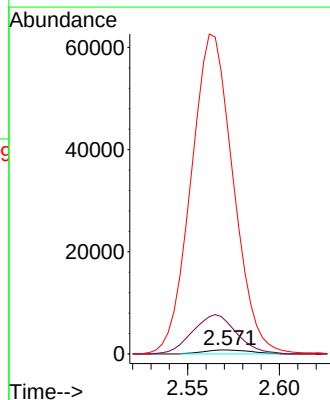
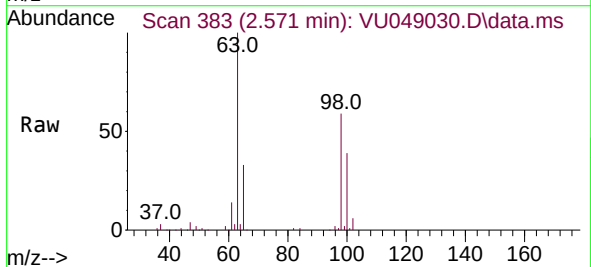
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXYW3

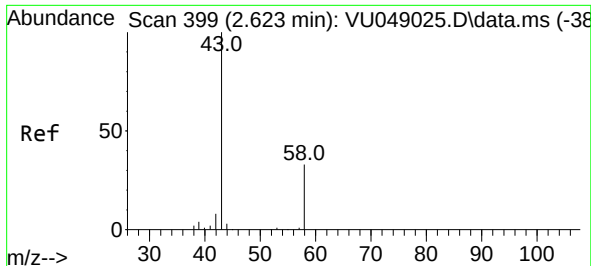
Tgt Ion:101 Resp: 939  
Ion Ratio Lower Upper  
101 100  
85 0.0 35.2 52.8#  
151 0.0 61.4 92.2#



#12  
1,1-Dichloroethene  
Concen: 1.011 ug/L  
RT: 2.571 min Scan# 383  
Delta R.T. -0.006 min  
Lab File: VU049030.D  
Acq: 11 Jun 2022 04:49

Tgt Ion: 96 Resp: 1414  
Ion Ratio Lower Upper  
96 100  
61 779.7 123.5 229.3#  
63 5664.1 86.0 159.8#





#13

Acetone

Concen: 3.397 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU049030.D

Acq: 11 Jun 2022 04:49

Instrument :

MSVOA\_U

ClientSampleId :

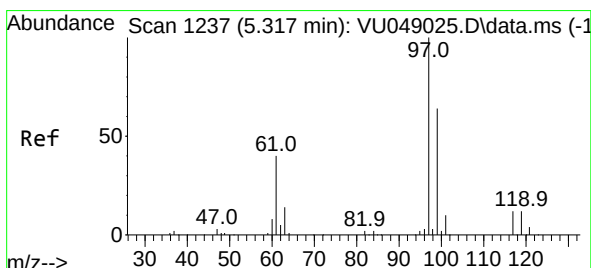
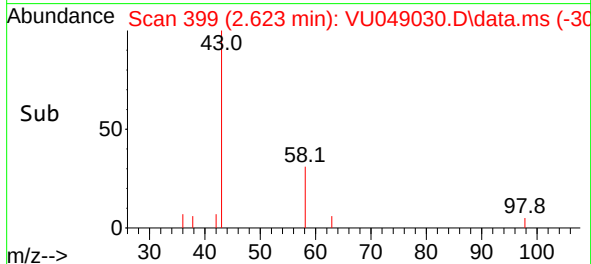
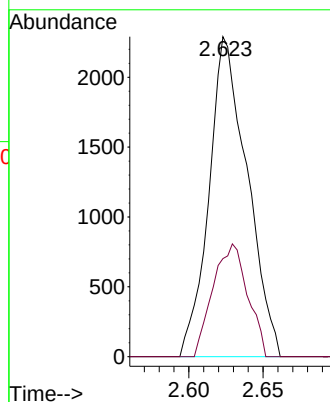
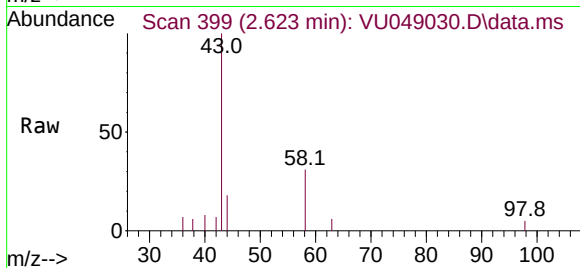
EXYW3

Tgt Ion: 43 Resp: 4096

Ion Ratio Lower Upper

43 100

58 32.0 0.0 66.4



#30

1,1,1-Trichloroethane

Concen: 7.531 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU049030.D

Acq: 11 Jun 2022 04:49

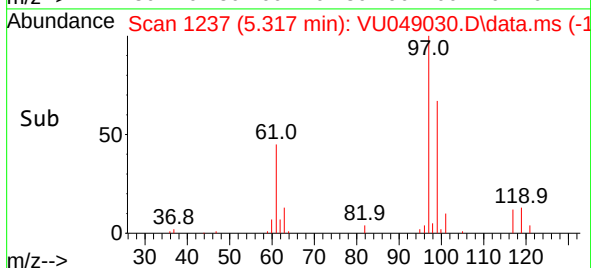
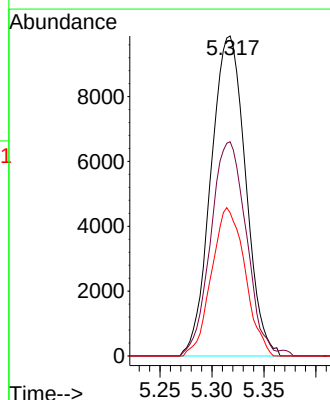
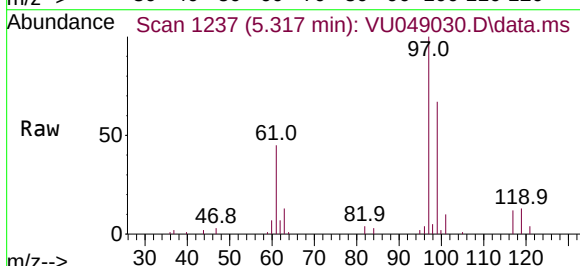
Tgt Ion: 97 Resp: 22900

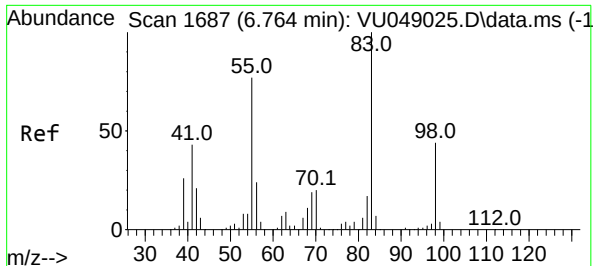
Ion Ratio Lower Upper

97 100

99 68.5 50.9 76.3

61 44.8 34.2 51.2





#35

Methylcyclohexane

Concen: 9.771 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU049030.D

Acq: 11 Jun 2022 04:49

Instrument :

MSVOA\_U

ClientSampleId :

EXYW3

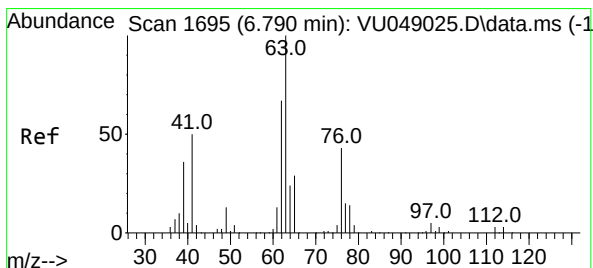
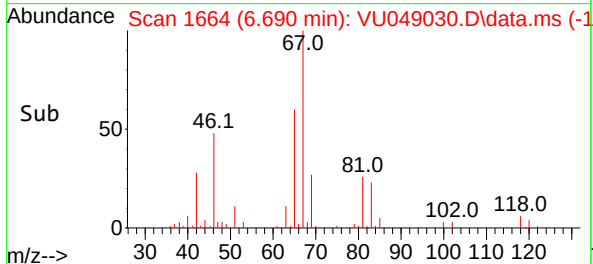
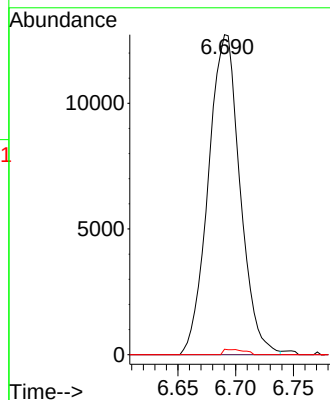
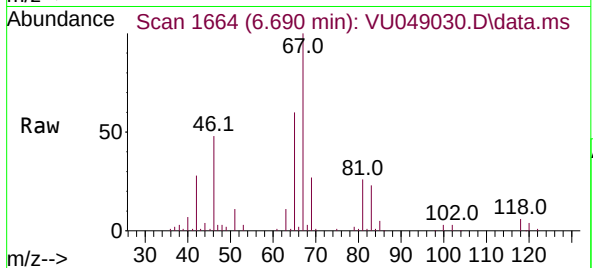
Tgt Ion: 83 Resp: 24285

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.6#

98 0.3 36.8 55.2#



#37

1,2-Dichloropropane

Concen: 5.617 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049030.D

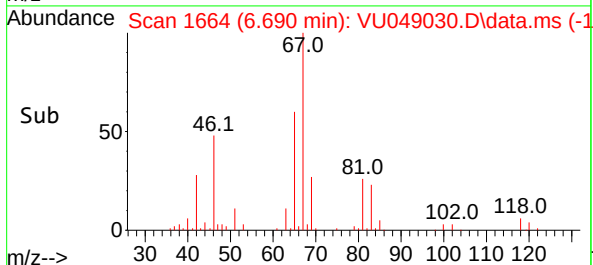
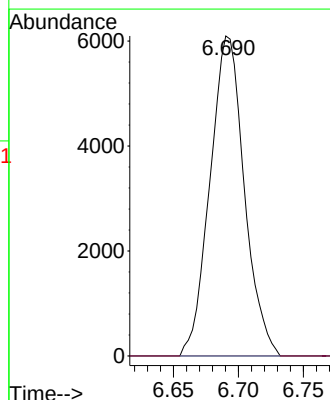
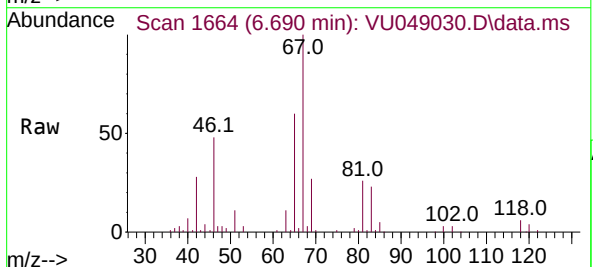
Acq: 11 Jun 2022 04:49

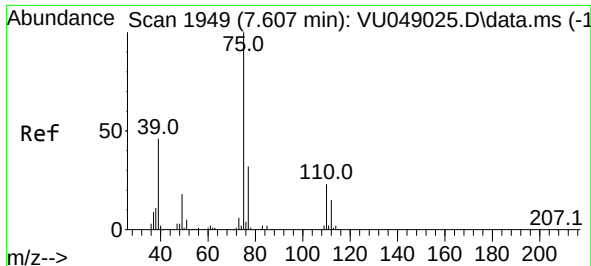
Tgt Ion: 63 Resp: 11189

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.728 ug/L

RT: 7.568 min Scan# 11

Delta R.T. -0.039 min

Lab File: VU049030.D

Acq: 11 Jun 2022 04:49

Instrument :

MSVOA\_U

ClientSampleId :

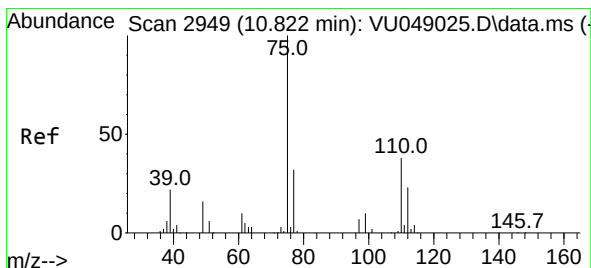
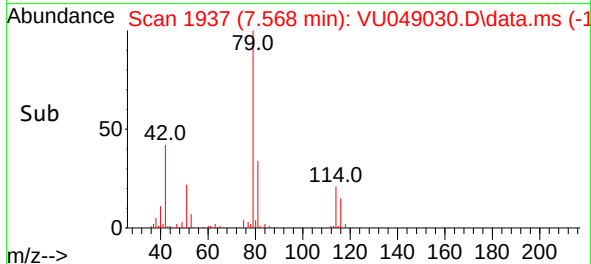
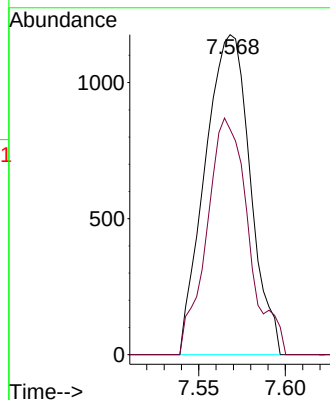
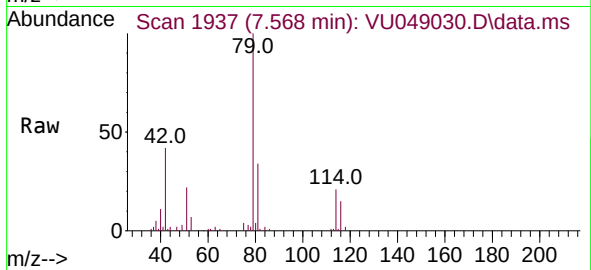
EXYW3

Tgt Ion: 75 Resp: 2135

Ion Ratio Lower Upper

75 100

77 70.4 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 4.325 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049030.D

Acq: 11 Jun 2022 04:49

Tgt Ion: 75 Resp: 9998

Ion Ratio Lower Upper

75 100

77 34.9 26.6 40.0

110 2.6 30.2 45.4#

