

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061422\  
 Data File : VU049116.D  
 Acq On : 14 Jun 2022 16:09  
 Operator : SY/MD  
 Sample : N3278-05 20X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BD2

Quant Time: Jun 15 03:17:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 15 03:15:08 2022  
 Response via : Initial Calibration

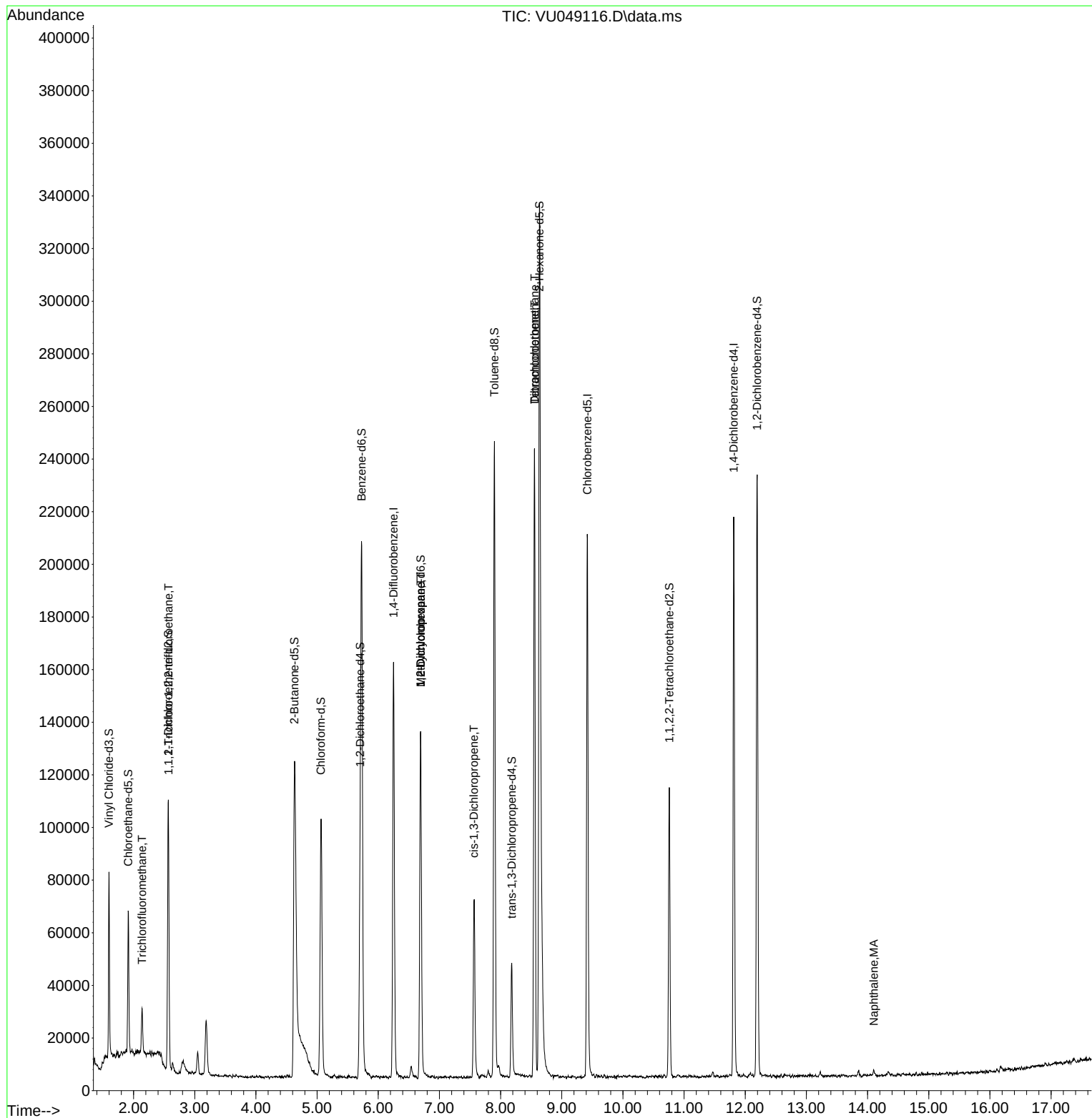
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| -----                         |        |                |          |        |           |          |
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 125726   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117            | 114430   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152            | 53748    | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 49547    | 4.510  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 90.200%   |          |
| 7) Chloroethane-d5            | 1.912  | 69             | 38798    | 5.217  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 104.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65             | 19853    | 4.493  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 89.800%   |          |
| 20) 2-Butanone-d5             | 4.629  | 46             | 153969   | 52.491 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 104.980%  |          |
| 24) Chloroform-d              | 5.063  | 84             | 91403    | 5.303  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 106.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65             | 54827    | 5.799  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 116.000%  |          |
| 32) Benzene-d6                | 5.729  | 84             | 181614   | 5.268  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 105.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67             | 65483    | 5.597  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 112.000%  |          |
| 41) Toluene-d8                | 7.899  | 98             | 157586   | 5.077  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 101.600%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 25456    | 4.897  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 98.000%   |          |
| 46) 2-Hexanone-d5             | 8.635  | 63             | 131314   | 62.626 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 125.260%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 56643    | 6.046  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 121.000%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 59687    | 5.787  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 115.800%  |          |
| Target Compounds              |        |                |          |        |           |          |
|                               |        |                |          |        | Qvalue    |          |
| 9) Trichlorofluoromethane     | 2.137  | 101            | 10507    | 0.857  | ug/L      | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.571  | 101            | 457      | 0.063  | ug/L #    | 21       |
| 35) Methylcyclohexane         | 6.693  | 83             | 14275    | 0.978  | ug/L #    | 17       |
| 37) 1,2-Dichloropropane       | 6.693  | 63             | 6881     | 0.735  | ug/L #    | 89       |
| 39) cis-1,3-Dichloropropene   | 7.565  | 75             | 2144     | 0.151  | ug/L #    | 60       |
| 47) Tetrachloroethene         | 8.555  | 164            | 51348    | 8.555  | ug/L      | 95       |
| 49) Dibromochloromethane      | 8.555  | 129            | 51918    | 6.977  | ug/L #    | 10       |
| 71) Naphthalene               | 14.102 | 128            | 2307     | 0.124  | ug/L #    | 82       |
| -----                         |        |                |          |        |           |          |

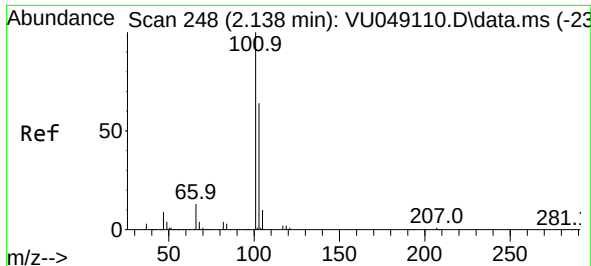
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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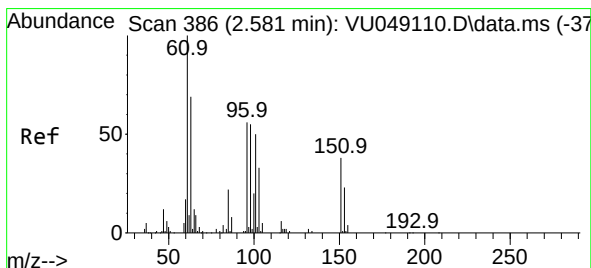
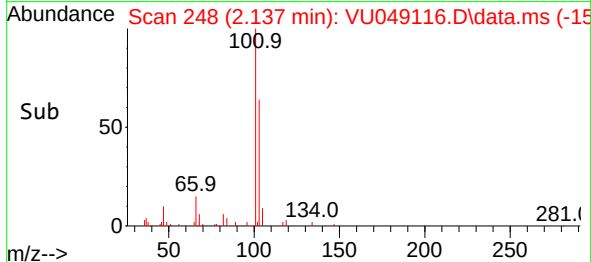
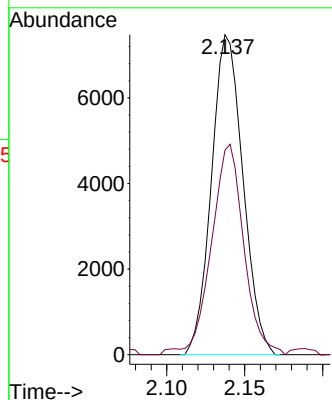
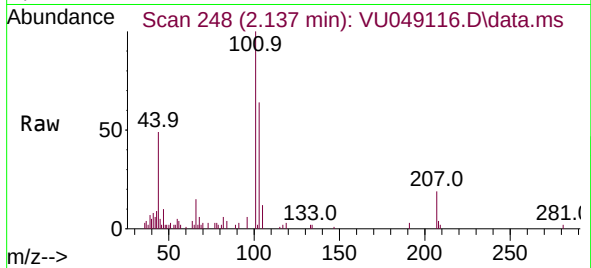




#9  
 Trichlorofluoromethane  
 Concen: 0.857 ug/L  
 RT: 2.137 min Scan# 248  
 Delta R.T. -0.000 min  
 Lab File: VU049116.D  
 Acq: 14 Jun 2022 16:09

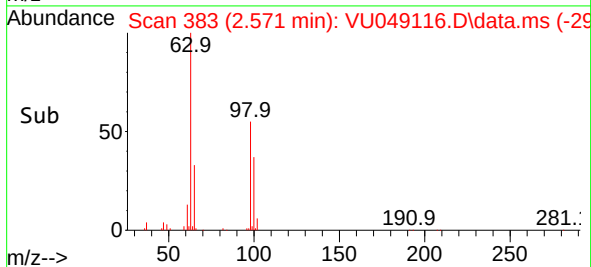
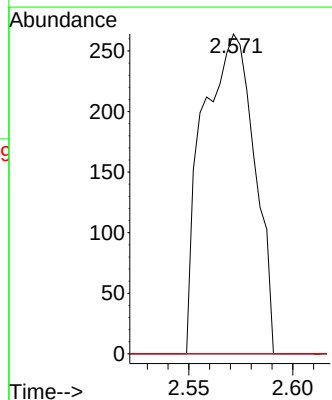
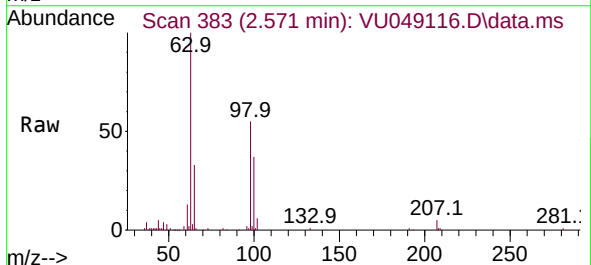
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BD2

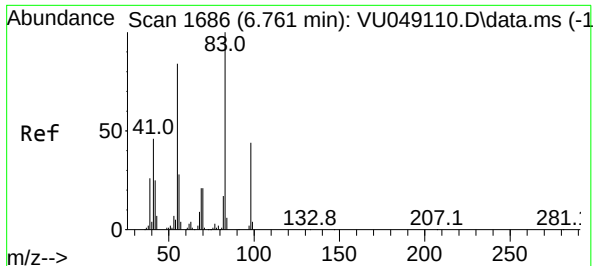
Tgt Ion:101 Resp: 10507  
 Ion Ratio Lower Upper  
 101 100  
 103 67.8 53.5 80.3



#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.063 ug/L  
 RT: 2.571 min Scan# 383  
 Delta R.T. -0.010 min  
 Lab File: VU049116.D  
 Acq: 14 Jun 2022 16:09

Tgt Ion:101 Resp: 457  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 36.1 54.1#  
 151 0.0 56.8 85.2#





#35

Methylcyclohexane

Concen: 0.978 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU049116.D

Acq: 14 Jun 2022 16:09

Instrument :

MSVOA\_U

ClientSampleId :

C0BD2

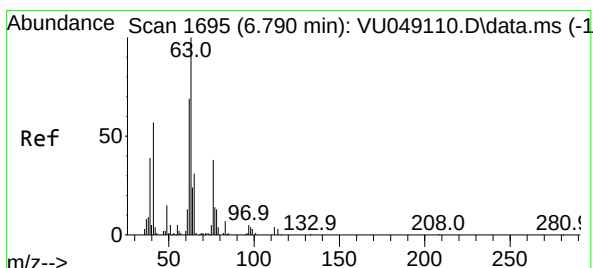
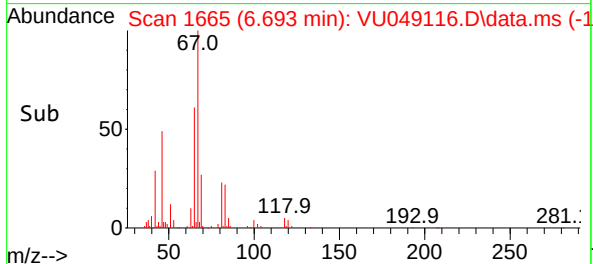
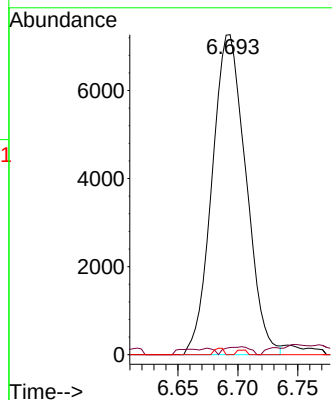
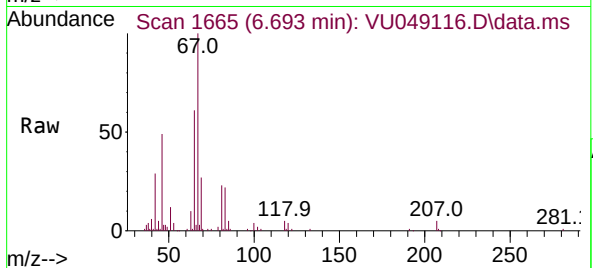
Tgt Ion: 83 Resp: 14275

Ion Ratio Lower Upper

83 100

55 0.7 66.9 100.3#

98 0.5 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.735 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.097 min

Lab File: VU049116.D

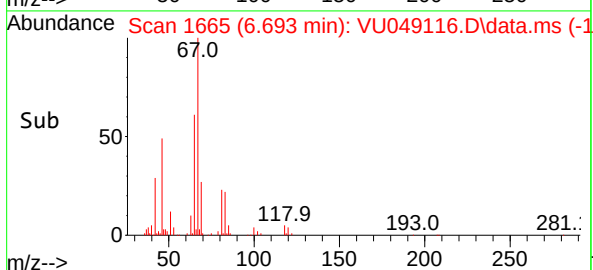
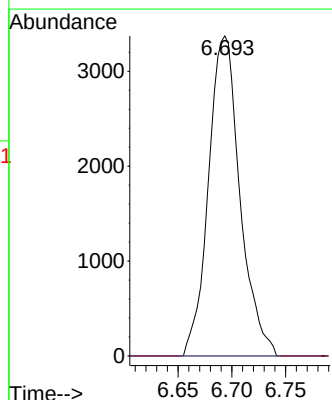
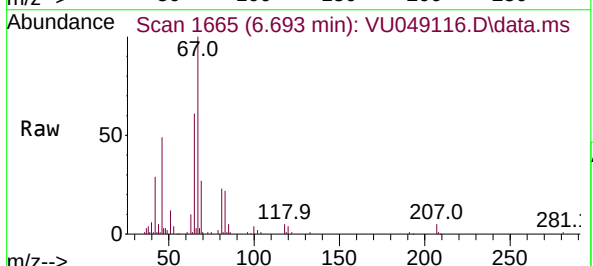
Acq: 14 Jun 2022 16:09

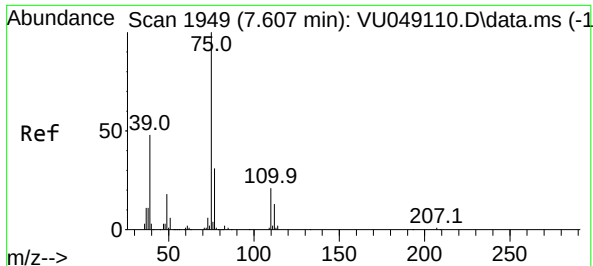
Tgt Ion: 63 Resp: 6881

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.151 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049116.D

Acq: 14 Jun 2022 16:09

Instrument :

MSVOA\_U

ClientSampleId :

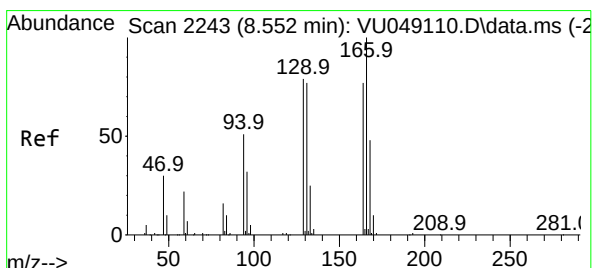
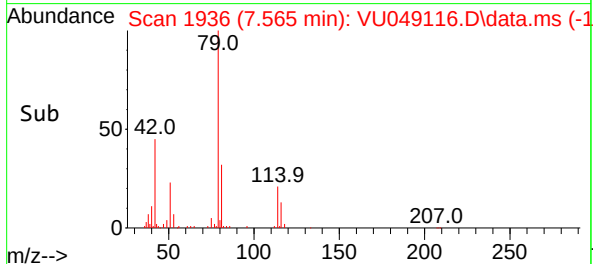
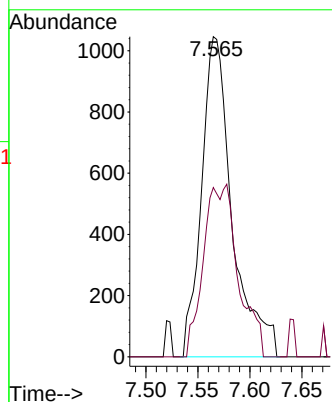
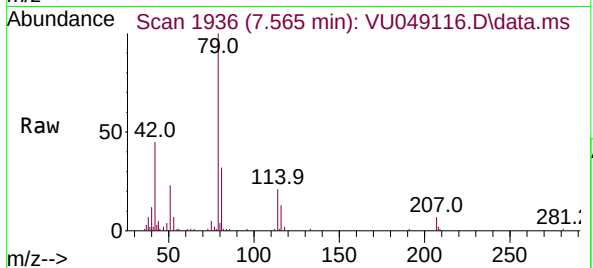
C0BD2

Tgt Ion: 75 Resp: 2144

Ion Ratio Lower Upper

75 100

77 52.9 21.8 40.4#



#47

Tetrachloroethene

Concen: 8.555 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU049116.D

Acq: 14 Jun 2022 16:09

Tgt Ion: 164 Resp: 51348

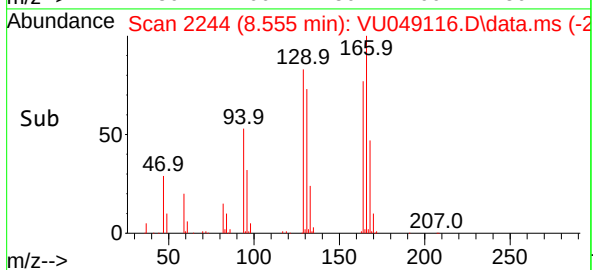
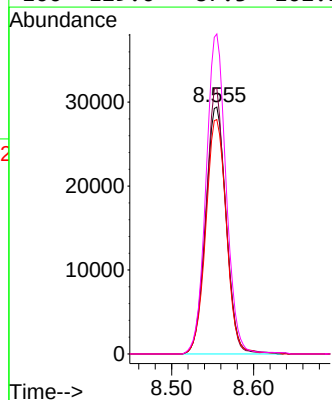
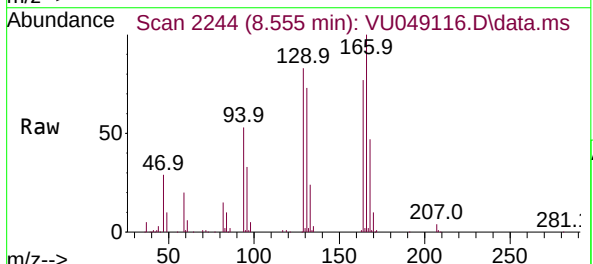
Ion Ratio Lower Upper

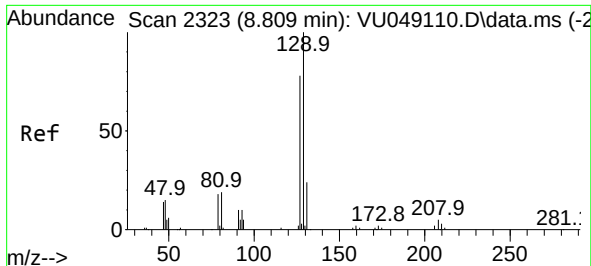
164 100

129 107.5 69.8 129.6

131 94.9 67.8 125.8

166 129.6 87.3 162.1





#49

Dibromochloromethane

Concen: 6.977 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU049116.D

Acq: 14 Jun 2022 16:09

Instrument :

MSVOA\_U

ClientSampleId :

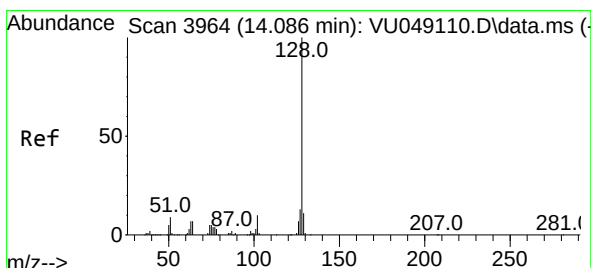
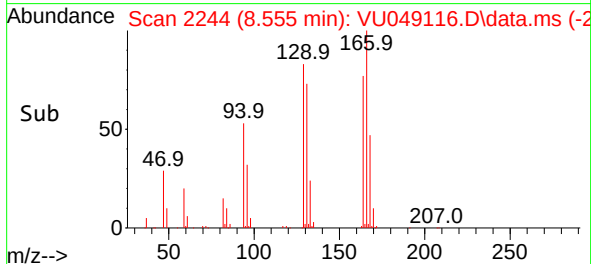
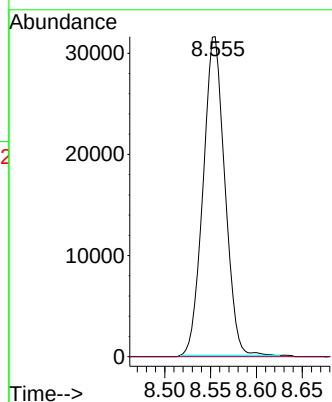
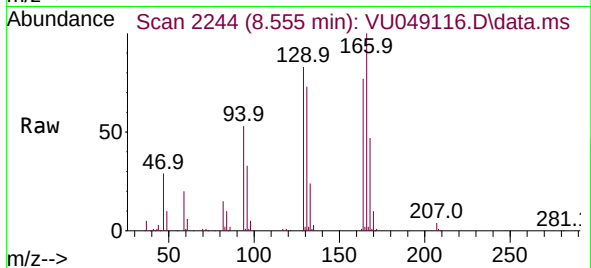
C0BD2

Tgt Ion:129 Resp: 51918

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



#71

Naphthalene

Concen: 0.124 ug/L

RT: 14.102 min Scan# 3969

Delta R.T. 0.016 min

Lab File: VU049116.D

Acq: 14 Jun 2022 16:09

Tgt Ion:128 Resp: 2307

Ion Ratio Lower Upper

128 100

129 7.5 9.0 13.6#

127 2.8 10.2 15.4#

