

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061422\  
 Data File : VU049139.D  
 Acq On : 15 Jun 2022 01:40  
 Operator : SY/MD  
 Sample : N3274-05 250X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B95

Quant Time: Jun 15 07:22:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 15 05:38:08 2022  
 Response via : Initial Calibration

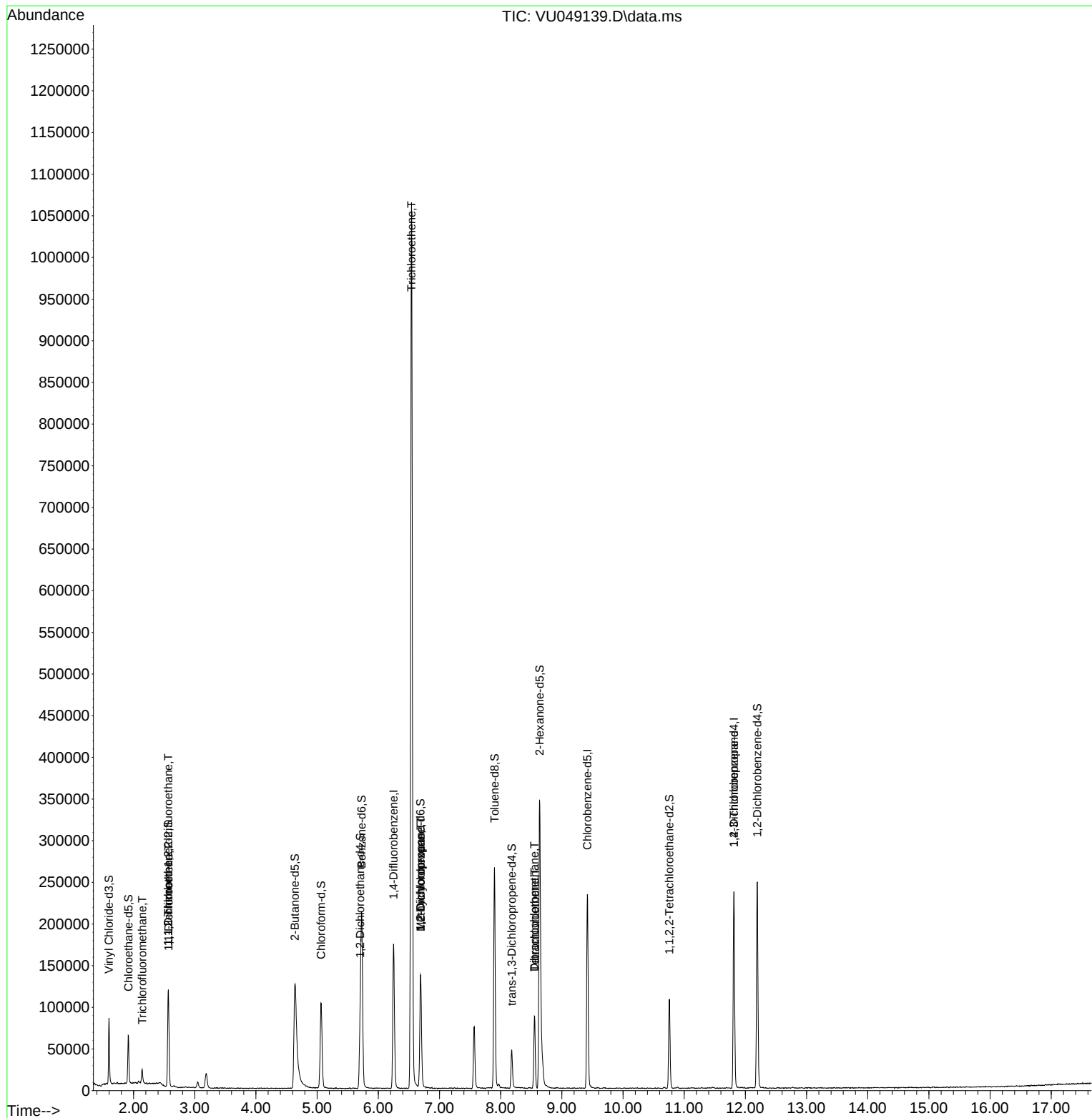
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 137415   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 124914   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152            | 60681    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 55918    | 4.657  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 93.200%  |          |
| 7) Chloroethane-d5            | 1.915  | 69             | 41043    | 5.049  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 101.000% |          |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65             | 22834    | 4.728  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 94.600%  |          |
| 20) 2-Butanone-d5             | 4.636  | 46             | 191037   | 59.588 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 119.180% |          |
| 24) Chloroform-d              | 5.066  | 84             | 93142    | 4.944  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 98.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65             | 54491    | 5.273  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 105.400% |          |
| 32) Benzene-d6                | 5.729  | 84             | 189825   | 5.044  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 100.800% |          |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67             | 65877    | 5.158  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 103.200% |          |
| 41) Toluene-d8                | 7.899  | 98             | 171975   | 5.075  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 101.600% |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 26711    | 4.708  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 94.200%  |          |
| 46) 2-Hexanone-d5             | 8.635  | 63             | 123997   | 54.173 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 108.340% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 54195    | 5.300  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 106.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 63006    | 5.411  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 108.200% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 9) Trichlorofluoromethane     | 2.141  | 101            | 10207    | 0.761  | ug/L     | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568  | 101            | 612      | 0.077  | ug/L #   | 21       |
| 12) 1,1-Dichloroethene        | 2.571  | 96             | 1121     | 0.145  | ug/L #   | 1        |
| 34) Trichloroethene           | 6.542  | 95             | 375653   | 39.537 | ug/L     | 99       |
| 35) Methylcyclohexane         | 6.693  | 83             | 14682    | 0.921  | ug/L #   | 16       |
| 37) 1,2-Dichloropropane       | 6.693  | 63             | 7015     | 0.687  | ug/L #   | 89       |
| 47) Tetrachloroethene         | 8.555  | 164            | 18160    | 2.772  | ug/L     | 99       |
| 49) Dibromochloromethane      | 8.552  | 129            | 18747    | 2.308  | ug/L #   | 10       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75             | 8686     | 1.276  | ug/L #   | 68       |
| -----                         |        |                |          |        |          |          |

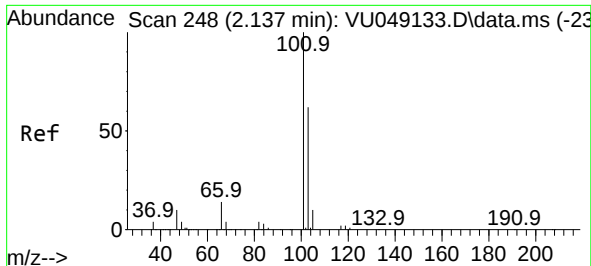
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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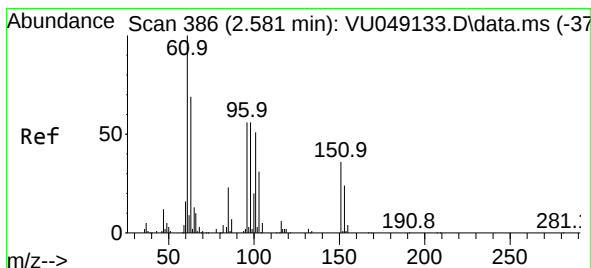
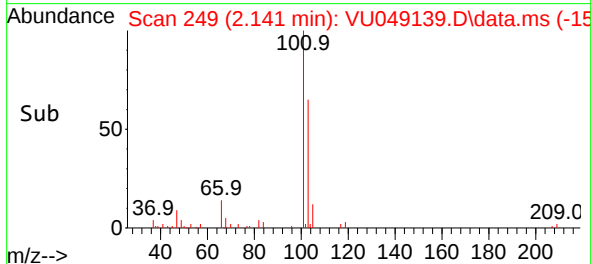
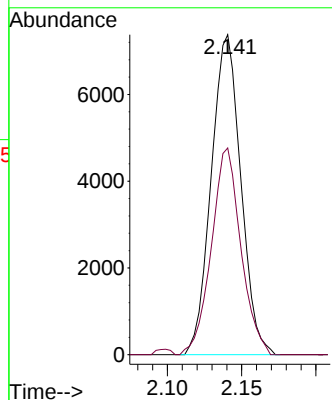
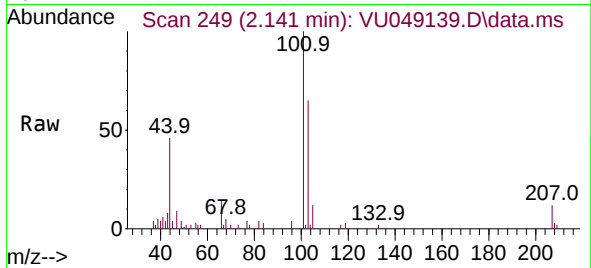




#9  
 Trichlorofluoromethane  
 Concen: 0.761 ug/L  
 RT: 2.141 min Scan# 248  
 Delta R.T. 0.003 min  
 Lab File: VU049139.D  
 Acq: 15 Jun 2022 01:40

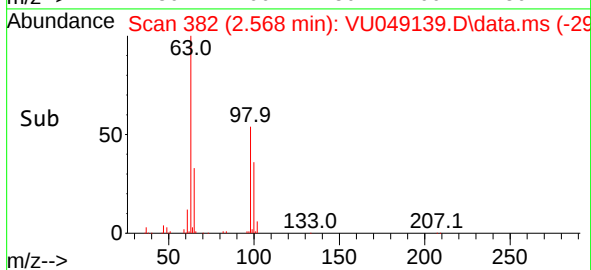
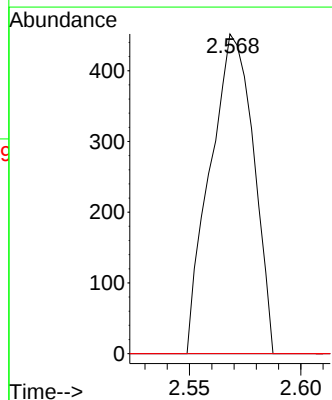
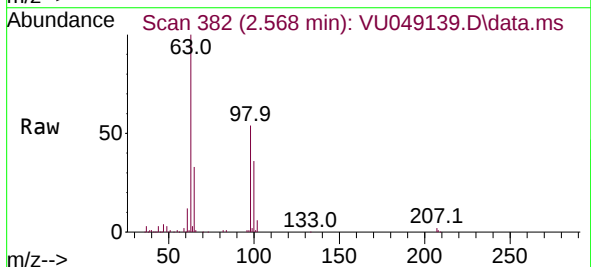
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B95

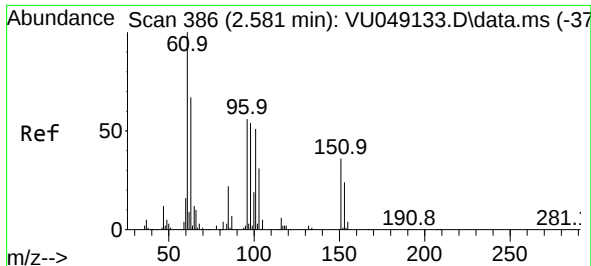
Tgt Ion:101 Resp: 10207  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 53.5 80.3



#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.077 ug/L  
 RT: 2.568 min Scan# 382  
 Delta R.T. -0.013 min  
 Lab File: VU049139.D  
 Acq: 15 Jun 2022 01:40

Tgt Ion:101 Resp: 612  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 36.1 54.1#  
 151 0.0 56.8 85.2#





#12

1,1-Dichloroethene

Concen: 0.145 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.010 min

Lab File: VU049139.D

Acq: 15 Jun 2022 01:40

Instrument :

MSVOA\_U

ClientSampleId :

C0B95

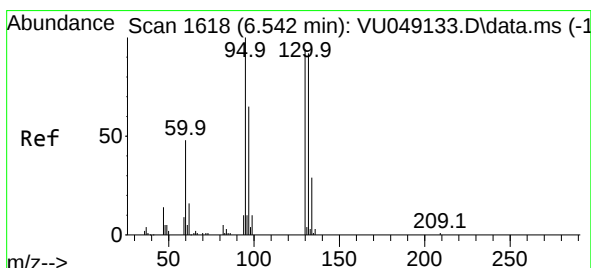
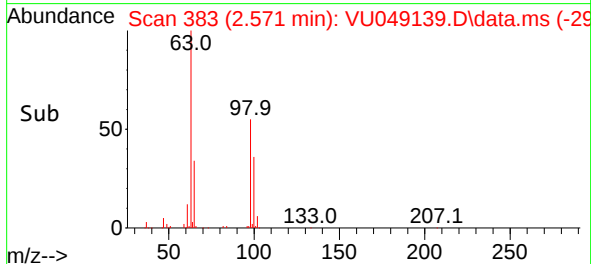
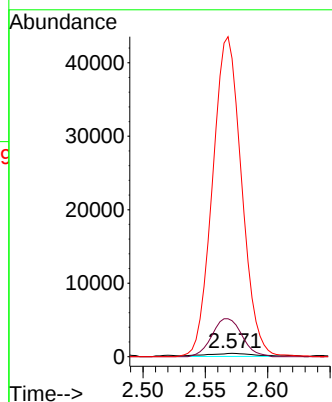
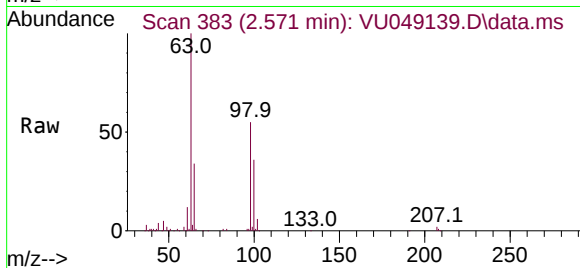
Tgt Ion: 96 Resp: 1121

Ion Ratio Lower Upper

96 100

61 1056.4 127.2 236.2#

63 8765.4 94.7 175.9#



#34

Trichloroethene

Concen: 39.537 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU049139.D

Acq: 15 Jun 2022 01:40

Tgt Ion: 95 Resp: 375653

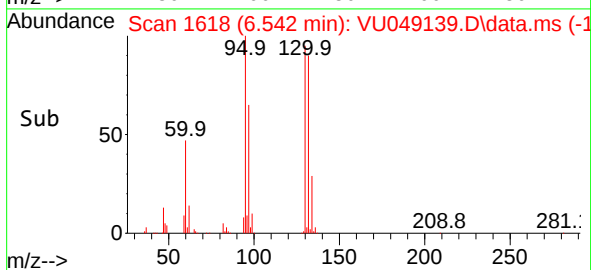
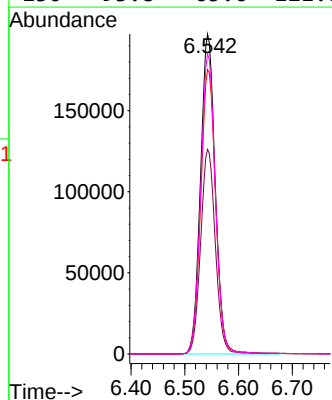
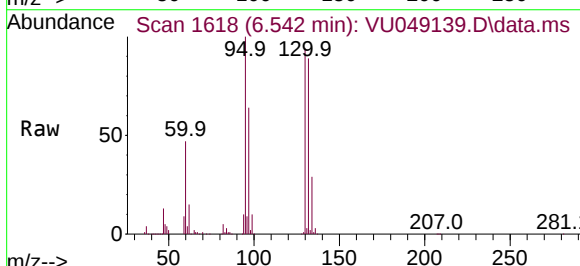
Ion Ratio Lower Upper

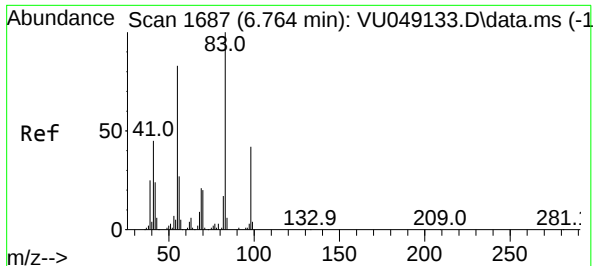
95 100

97 64.0 45.3 84.1

132 88.9 61.5 114.3

130 93.8 65.6 121.8





#35

Methylcyclohexane

Concen: 0.921 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU049139.D

Acq: 15 Jun 2022 01:40

Instrument :

MSVOA\_U

ClientSampleId :

C0B95

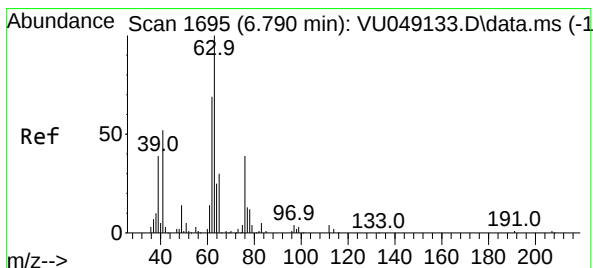
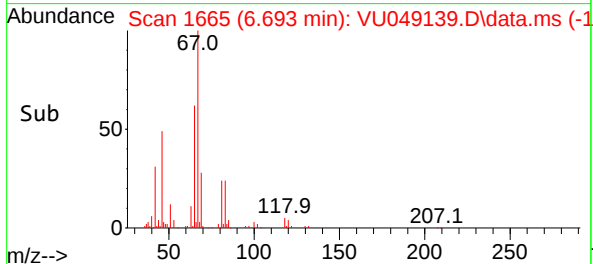
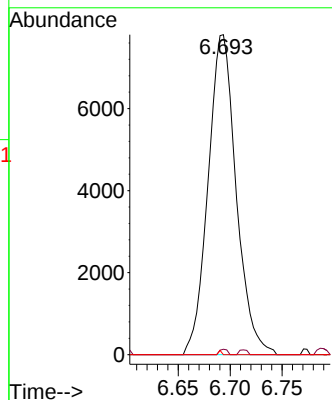
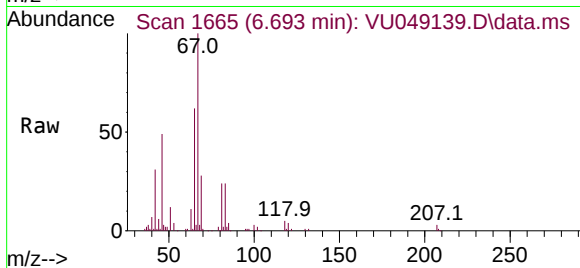
Tgt Ion: 83 Resp: 14682

Ion Ratio Lower Upper

83 100

55 0.5 66.9 100.3#

98 0.0 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.687 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.096 min

Lab File: VU049139.D

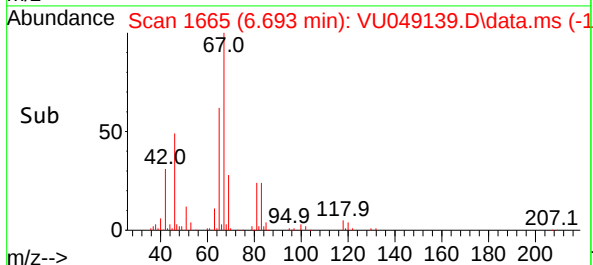
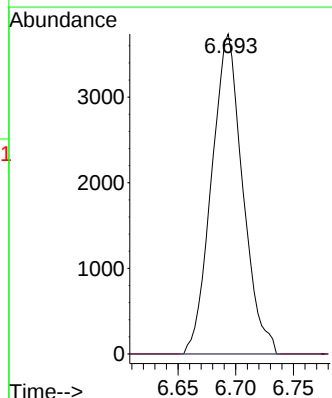
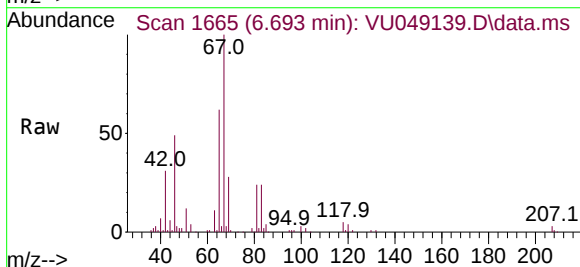
Acq: 15 Jun 2022 01:40

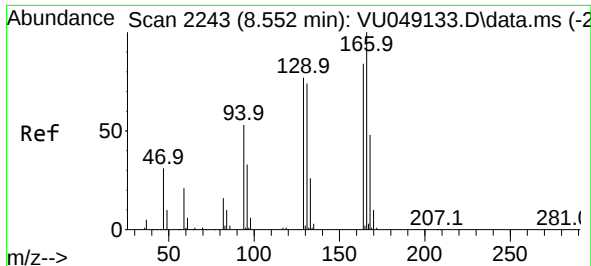
Tgt Ion: 63 Resp: 7015

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#47

Tetrachloroethene

Concen: 2.772 ug/L

RT: 8.555 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049139.D

Acq: 15 Jun 2022 01:40

Instrument :

MSVOA\_U

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Tgt Ion:164 Resp: 18160

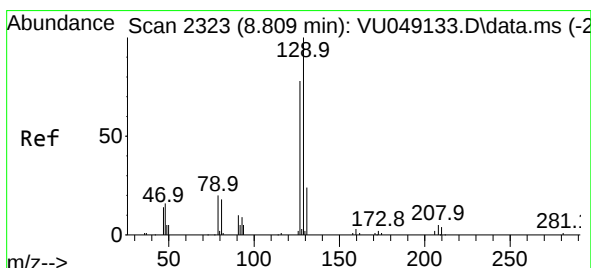
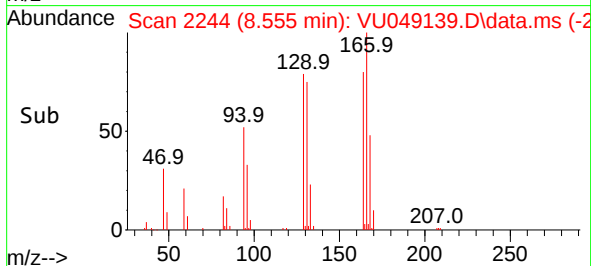
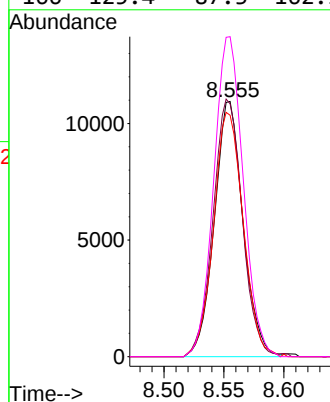
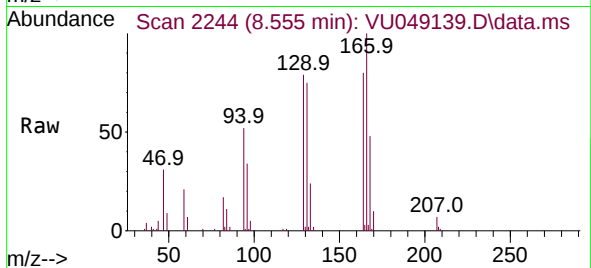
Ion Ratio Lower Upper

164 100

129 99.1 69.8 129.6

131 94.6 67.8 125.8

166 125.4 87.3 162.1



#49

Dibromochloromethane

Concen: 2.308 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU049139.D

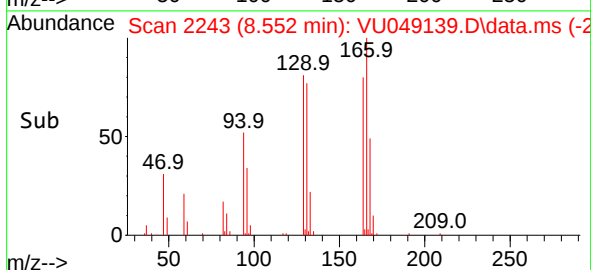
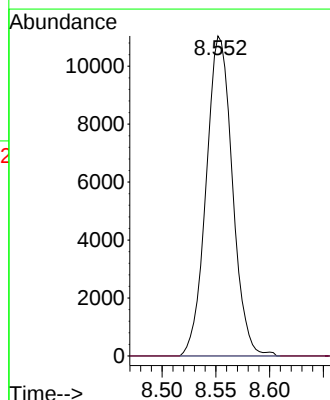
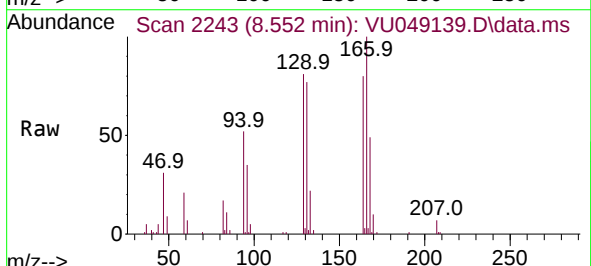
Acq: 15 Jun 2022 01:40

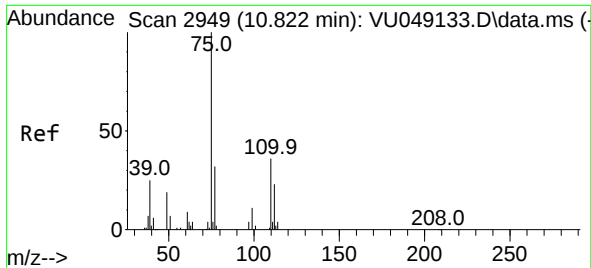
Tgt Ion:129 Resp: 18747

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.276 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU049139.D  
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Tgt Ion: 75 Resp: 8686  
 Ion Ratio Lower Upper  
 75 100  
 110 1.5 29.0 43.4#  
 77 31.7 26.2 39.2

