

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111922\  
 Data File : VU051937.D  
 Acq On : 19 Nov 2022 07:09  
 Operator : JC/MD  
 Sample : N5685-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW705

Quant Time: Nov 19 21:40:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Nov 19 21:39:41 2022  
 Response via : Initial Calibration

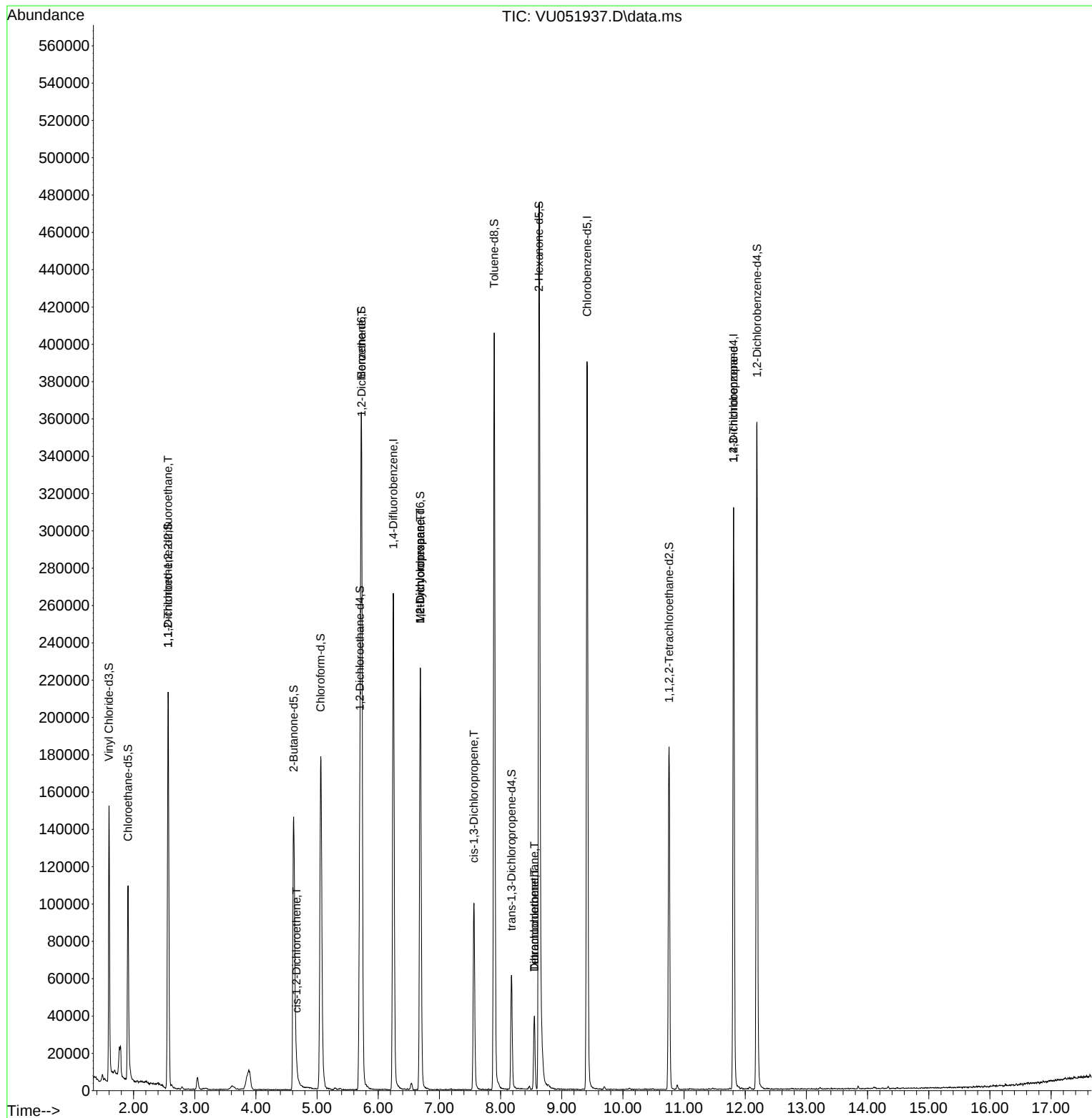
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 6.247     | 114            | 220469   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414     | 117            | 230809   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809    | 152            | 87434    | 5.000      | ug/L   | 0.00     |
|                               |           |                |          |            |        |          |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.597     | 65             | 111902   | 5.218      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 104.400% |        |          |
| 7) Chloroethane-d5            | 1.909     | 69             | 91438    | 5.490      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 109.800% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.565     | 65             | 40168    | 5.225      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 104.600% |        |          |
| 20) 2-Butanone-d5             | 4.616     | 46             | 211376   | 54.377     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 108.760% |        |          |
| 24) Chloroform-d              | 5.060     | 84             | 167078   | 5.302      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 106.000% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700     | 65             | 91793    | 5.768      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 115.400% |        |          |
| 32) Benzene-d6                | 5.726     | 84             | 358849   | 5.237      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 104.800% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.687     | 67             | 115542   | 5.449      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 109.000% |        |          |
| 41) Toluene-d8                | 7.896     | 98             | 284440   | 4.588      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 91.800%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179     | 79             | 35516    | 4.596      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 92.000%  |        |          |
| 46) 2-Hexanone-d5             | 8.629     | 63             | 165045   | 50.397     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 100.800% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754    | 84             | 95557    | 5.197      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 104.000% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192    | 152            | 96980    | 5.793      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 115.800% |        |          |
|                               |           |                |          |            |        |          |
| Target Compounds              |           |                |          |            |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565     | 101            | 1339     | 0.083      | ug/L # | 20       |
| 22) cis-1,2-Dichloroethene    | 4.665     | 96             | 1140     | 0.063      | ug/L # | 89       |
| 27) 1,2-Dichloroethane        | 5.729     | 62             | 1820     | 0.095      | ug/L # | 72       |
| 35) Methylcyclohexane         | 6.687     | 83             | 26712    | 0.991      | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.687     | 63             | 11572    | 0.595      | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.562     | 75             | 2359     | 0.094      | ug/L # | 38       |
| 47) Tetrachloroethene         | 8.552     | 164            | 9632     | 0.671      | ug/L   | 92       |
| 49) Dibromochloromethane      | 8.552     | 129            | 8885     | 0.543      | ug/L # | 12       |
| 61) 1,2,3-Trichloropropane    | 11.809    | 75             | 10496    | 1.049      | ug/L # | 68       |
| -----                         |           |                |          |            |        |          |

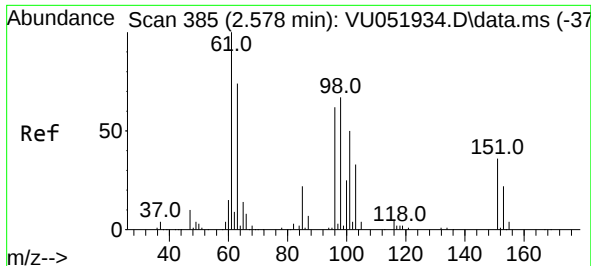
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 19 21:39:41 2022  
Response via : Initial Calibration

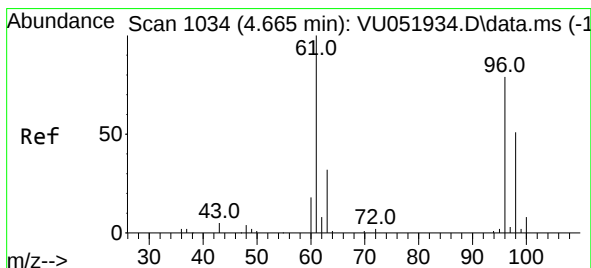
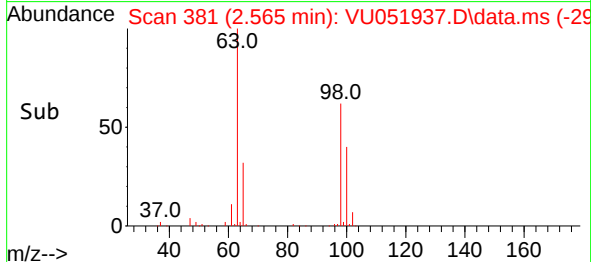
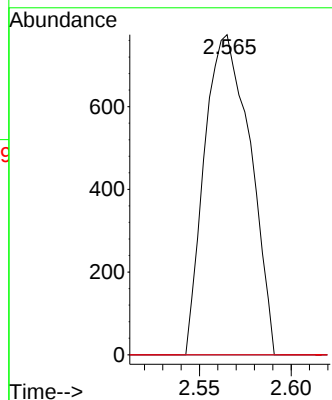
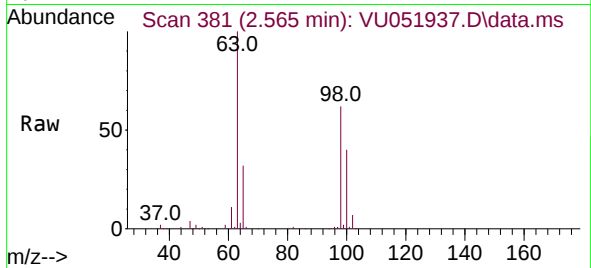




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.083 ug/L  
RT: 2.565 min Scan# 381  
Delta R.T. -0.013 min  
Lab File: VU051937.D  
Acq: 19 Nov 2022 07:09

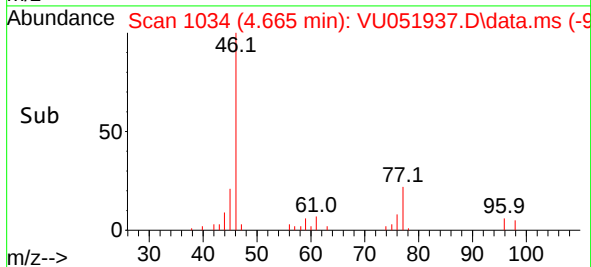
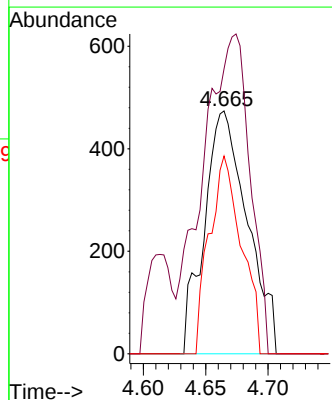
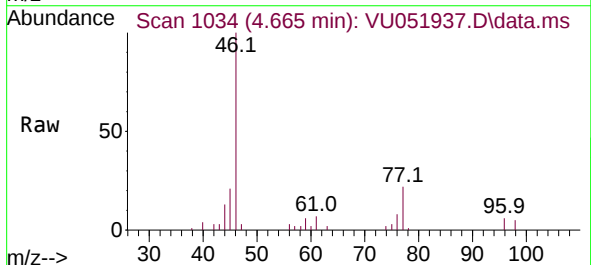
Instrument :  
MSVOA\_U  
ClientSampleId :  
EW705

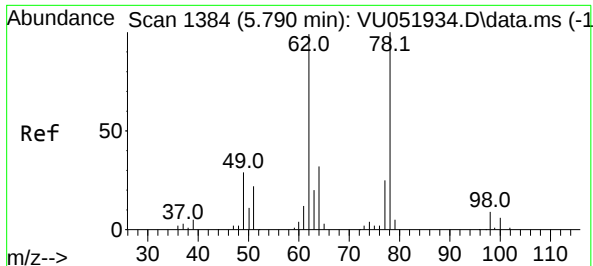
Tgt Ion:101 Resp: 1339  
Ion Ratio Lower Upper  
101 100  
85 0.0 33.8 50.6#  
151 0.0 58.6 88.0#



#22  
cis-1,2-Dichloroethene  
Concen: 0.063 ug/L  
RT: 4.665 min Scan# 1034  
Delta R.T. 0.000 min  
Lab File: VU051937.D  
Acq: 19 Nov 2022 07:09

Tgt Ion: 96 Resp: 1140  
Ion Ratio Lower Upper  
96 100  
61 117.3 85.1 158.1  
98 81.4 42.8 79.6#

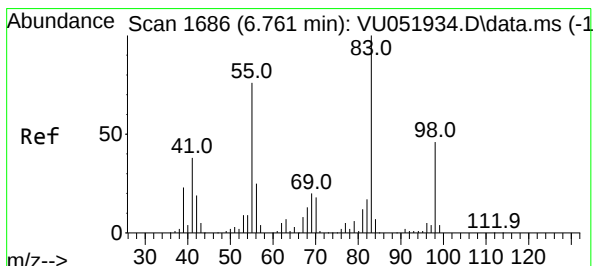
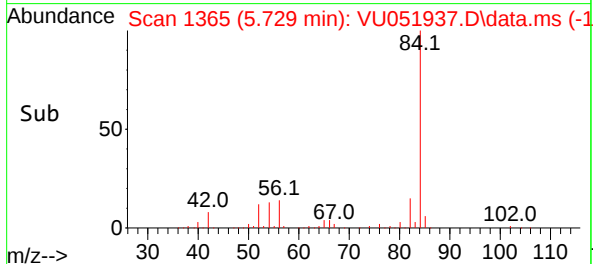
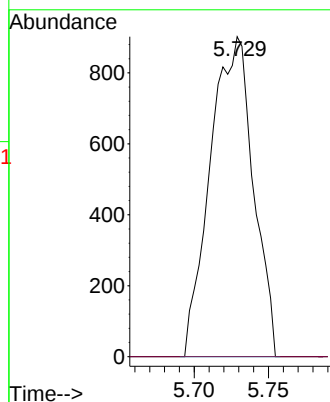
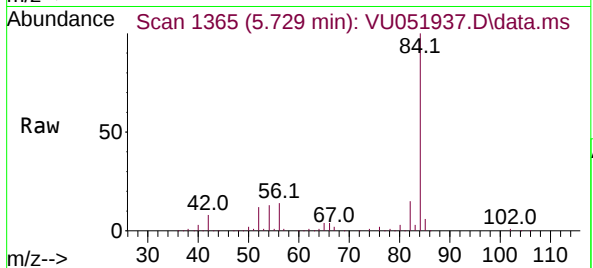




#27  
 1,2-Dichloroethane  
 Concen: 0.095 ug/L  
 RT: 5.729 min Scan# 11  
 Delta R.T. -0.061 min  
 Lab File: VU051937.D  
 Acq: 19 Nov 2022 07:09

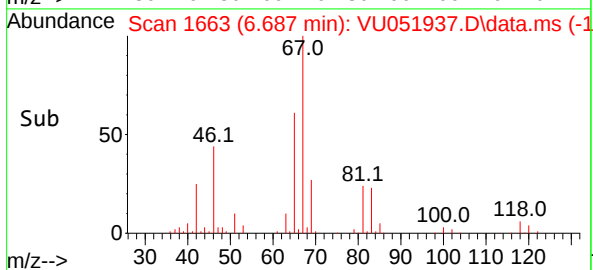
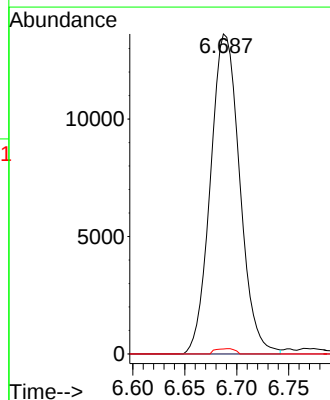
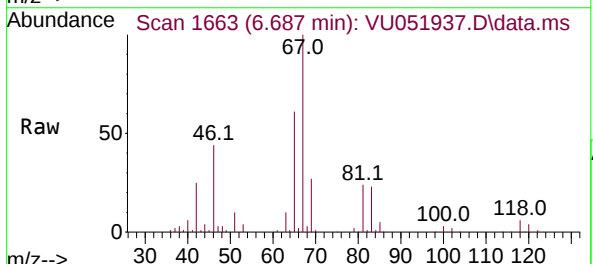
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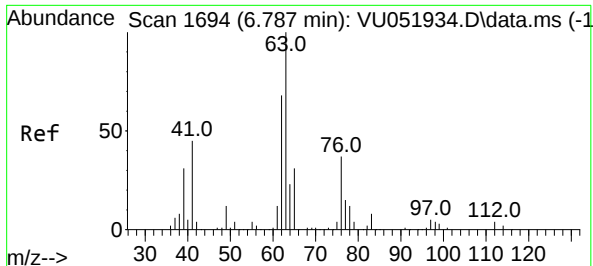
Tgt Ion: 62 Resp: 1820  
 Ion Ratio Lower Upper  
 62 100  
 98 0.0 8.4 12.6#



#35  
 Methylcyclohexane  
 Concen: 0.991 ug/L  
 RT: 6.687 min Scan# 1663  
 Delta R.T. -0.074 min  
 Lab File: VU051937.D  
 Acq: 19 Nov 2022 07:09

Tgt Ion: 83 Resp: 26712  
 Ion Ratio Lower Upper  
 83 100  
 55 0.0 60.8 91.2#  
 98 1.1 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051937.D

Acq: 19 Nov 2022 07:09

Instrument :

MSVOA\_U

ClientSampleId :

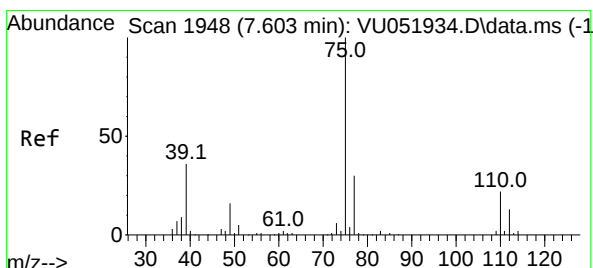
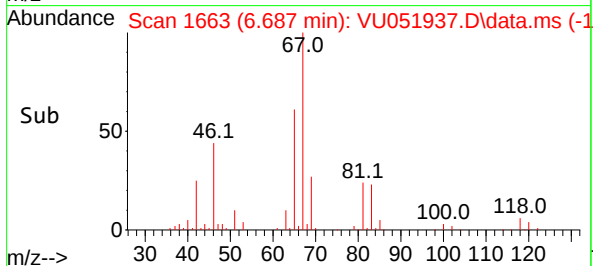
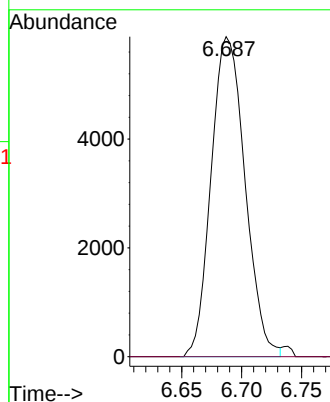
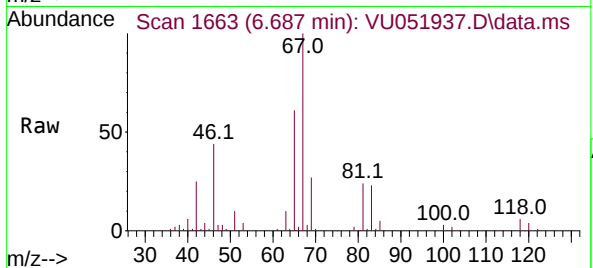
EW705

Tgt Ion: 63 Resp: 11572

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.042 min

Lab File: VU051937.D

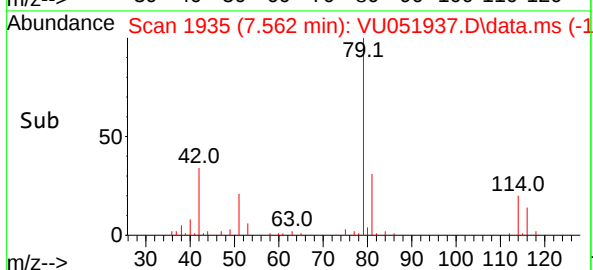
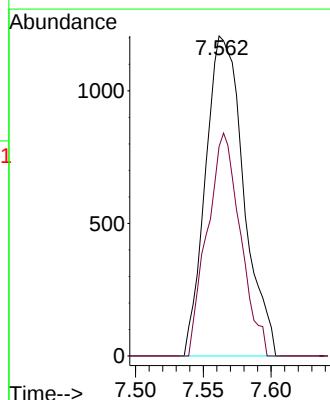
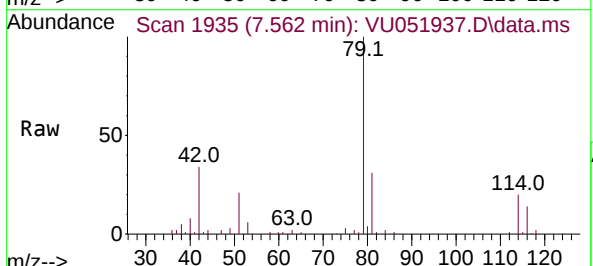
Acq: 19 Nov 2022 07:09

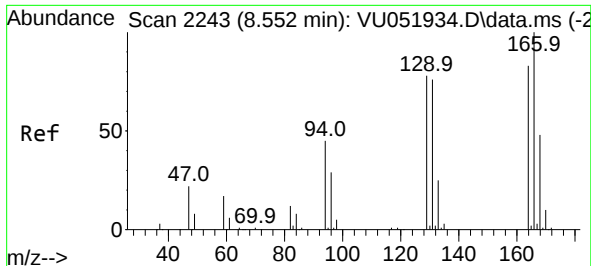
Tgt Ion: 75 Resp: 2359

Ion Ratio Lower Upper

75 100

77 65.5 22.0 40.8#





#47

Tetrachloroethene

Concen: 0.671 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051937.D

Acq: 19 Nov 2022 07:09

Instrument :

MSVOA\_U

ClientSampleId :

EW705

Tgt Ion:164 Resp: 9632

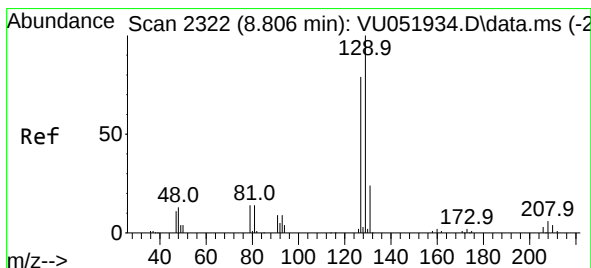
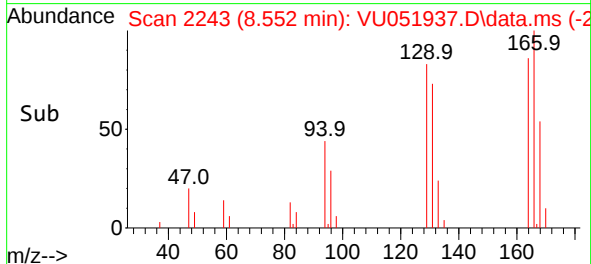
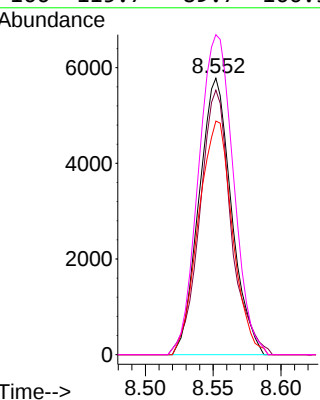
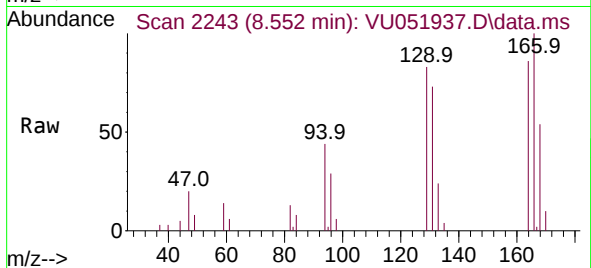
Ion Ratio Lower Upper

164 100

129 95.7 67.4 125.2

131 84.5 67.1 124.7

166 115.7 89.7 166.5



#49

Dibromochloromethane

Concen: 0.543 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.254 min

Lab File: VU051937.D

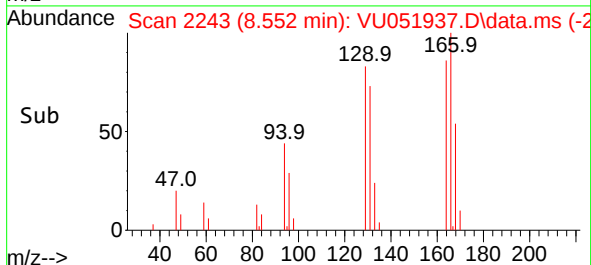
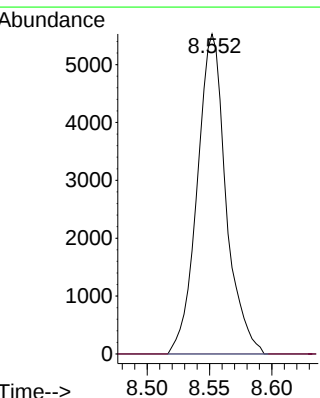
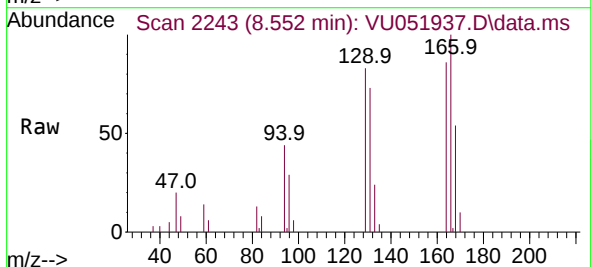
Acq: 19 Nov 2022 07:09

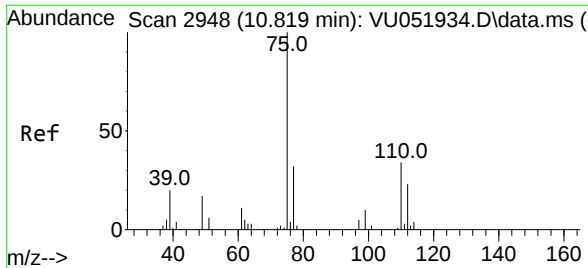
Tgt Ion:129 Resp: 8885

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.049 ug/L  
 RT: 11.809 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU051937.D  
 Acq: 19 Nov 2022 07:09

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 MSVOA\_U  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 10496 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 1.3   | 28.3  | 42.5# |
| 77       | 31.2  | 26.2  | 39.2  |

