

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU010822\  
 Data File : VU046706.D  
 Acq On : 08 Jan 2022 15:13  
 Operator : SY/MD  
 Sample : N1077-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFXW2

Quant Time: Jan 10 00:40:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122121WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jan 10 00:25:50 2022  
 Response via : Initial Calibration

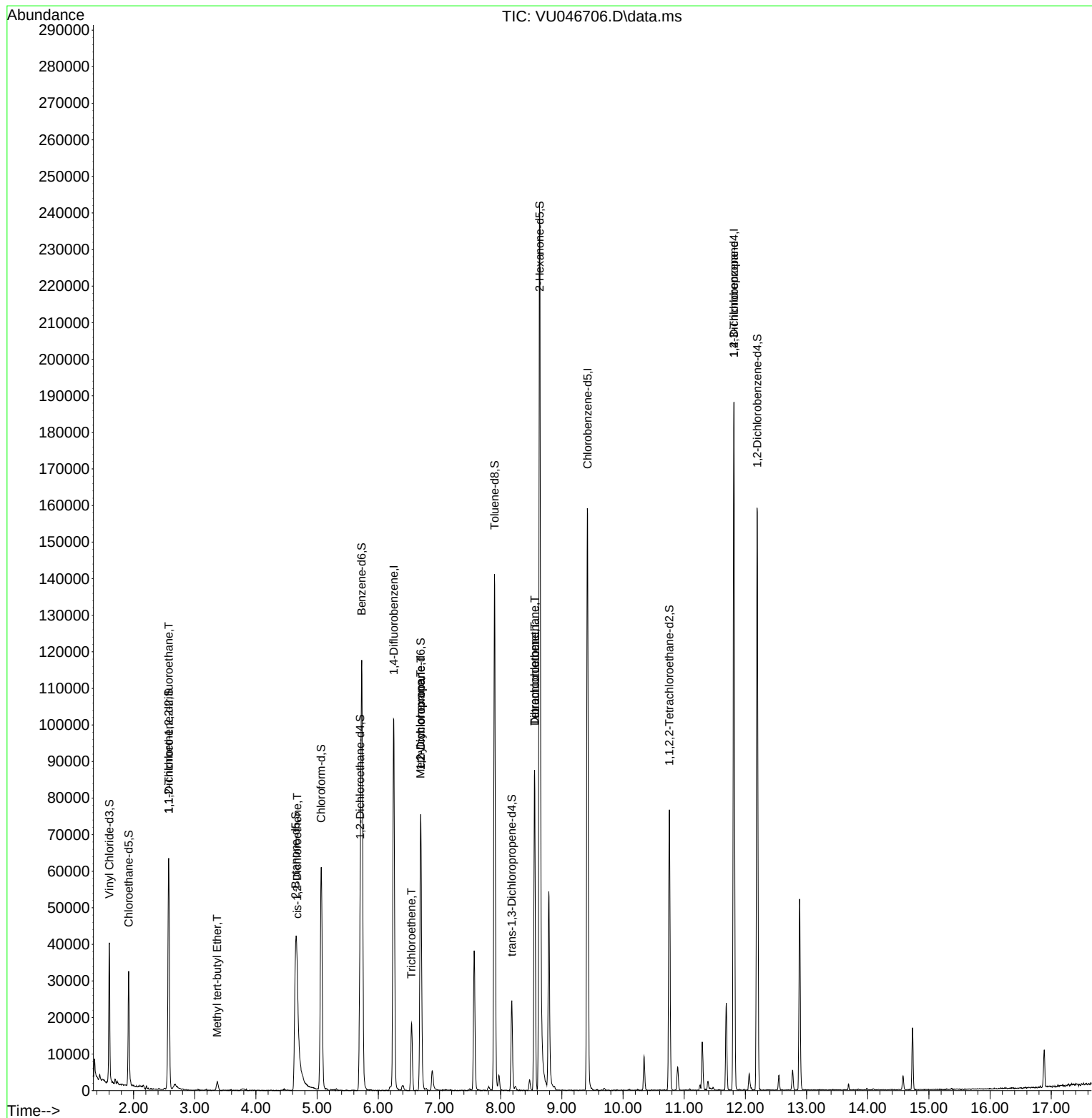
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 84548    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 92316    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 49912    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 27114    | 4.071    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 81.400%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 23888    | 4.555    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 91.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 11589    | 4.127    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 82.600%  |
| 20) 2-Butanone-d5             | 4.649  | 46    | 98698    | 51.093   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 102.180% |
| 24) Chloroform-d              | 5.067  | 84    | 59333    | 4.862    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 34746    | 4.981    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.600%  |
| 32) Benzene-d6                | 5.729  | 84    | 111699   | 4.340    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 35930    | 4.646    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.000%  |
| 41) Toluene-d8                | 7.899  | 98    | 94591    | 4.050    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.000%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 15101    | 4.222    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.400%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 100488   | 47.856   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 95.720%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 38136    | 4.805    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 96.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 42310    | 4.602    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 92.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575  | 101   | 343      | 0.047    | ug/L # | 21       |
| 17) Methyl tert-butyl Ether   | 3.366  | 73    | 2932     | 0.135    | ug/L # | 91       |
| 22) cis-1,2-Dichloroethene    | 4.674  | 96    | 3797     | 0.438    | ug/L   | 95       |
| 34) Trichloroethene           | 6.543  | 95    | 5989     | 0.619    | ug/L   | 94       |
| 35) Methylcyclohexane         | 6.690  | 83    | 8809     | 0.646    | ug/L # | 31       |
| 37) 1,2-Dichloropropane       | 6.694  | 63    | 3838     | 0.410    | ug/L # | 88       |
| 47) Tetrachloroethene         | 8.555  | 164   | 19521    | 2.853    | ug/L   | 93       |
| 49) Dibromochloromethane      | 8.555  | 129   | 18631    | 2.002    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 5931     | 0.715    | ug/L # | 71       |
| -----                         |        |       |          |          |        |          |

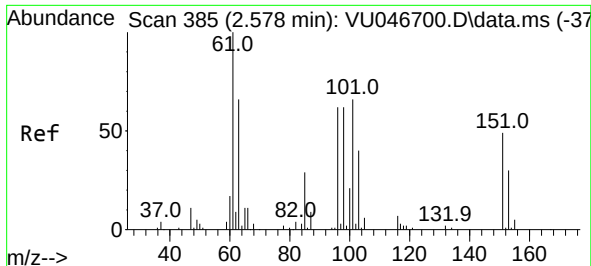
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :  
BFXW2

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Jan 10 00:25:50 2022  
Response via : Initial Calibration

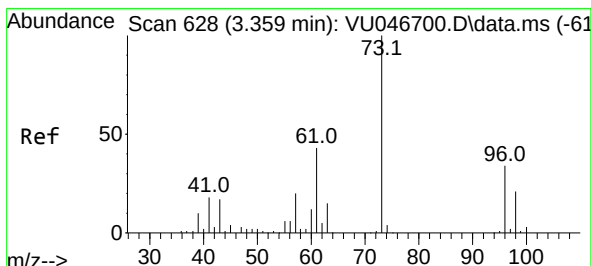
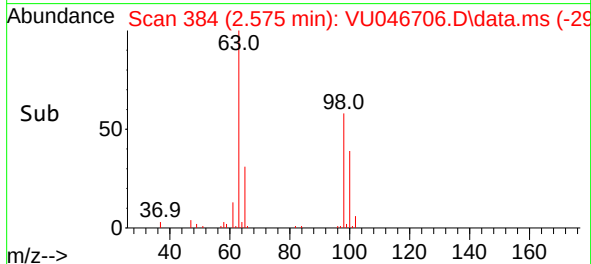
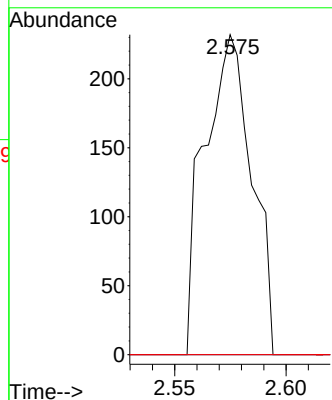
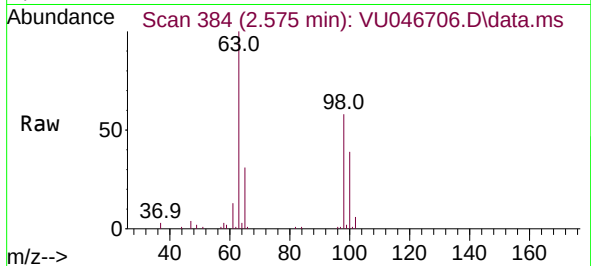




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.047 ug/L  
RT: 2.575 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU046706.D  
Acq: 08 Jan 2022 15:13

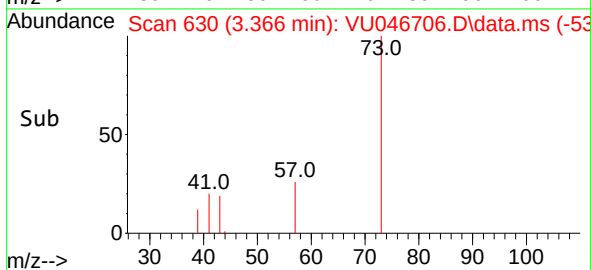
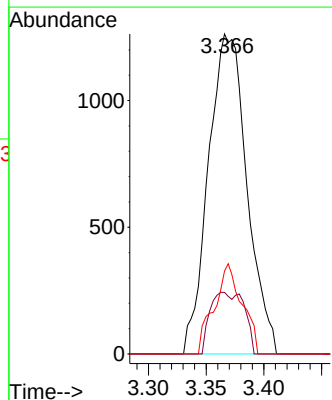
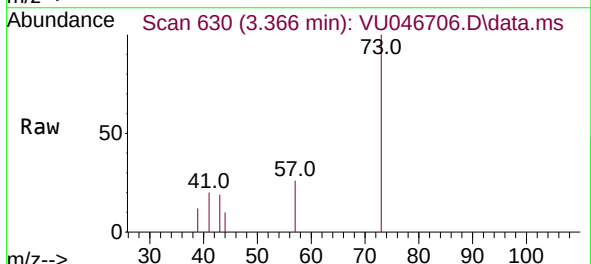
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFXW2

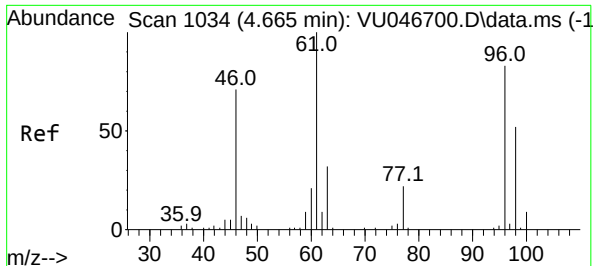
Tgt Ion:101 Resp: 343  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.6 51.8#  
151 0.0 56.1 84.1#



#17  
Methyl tert-butyl Ether  
Concen: 0.135 ug/L  
RT: 3.366 min Scan# 630  
Delta R.T. 0.007 min  
Lab File: VU046706.D  
Acq: 08 Jan 2022 15:13

Tgt Ion: 73 Resp: 2932  
Ion Ratio Lower Upper  
73 100  
43 10.9 14.8 22.2#  
57 20.4 17.4 26.0





#22

cis-1,2-Dichloroethene

Concen: 0.438 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.010 min

Lab File: VU046706.D

Acq: 08 Jan 2022 15:13

Instrument :

MSVOA\_U

ClientSampleId :

BFXW2

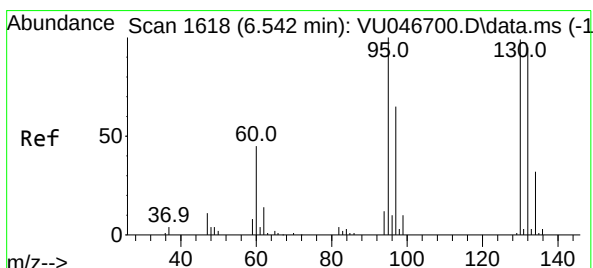
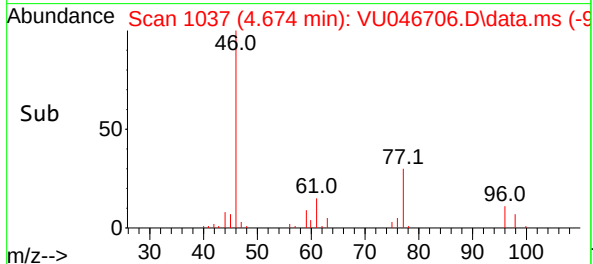
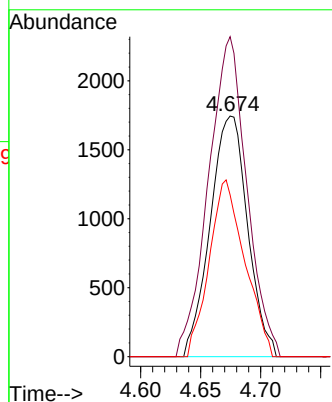
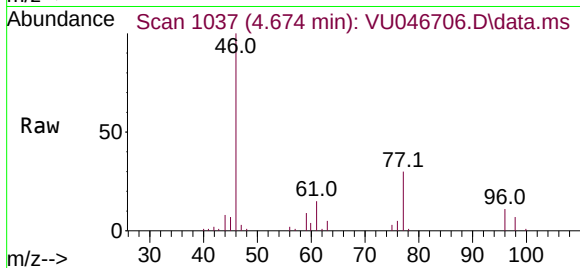
Tgt Ion: 96 Resp: 3797

Ion Ratio Lower Upper

96 100

61 133.0 88.5 164.3

98 67.2 44.4 82.5



#34

Trichloroethene

Concen: 0.619 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU046706.D

Acq: 08 Jan 2022 15:13

Tgt Ion: 95 Resp: 5989

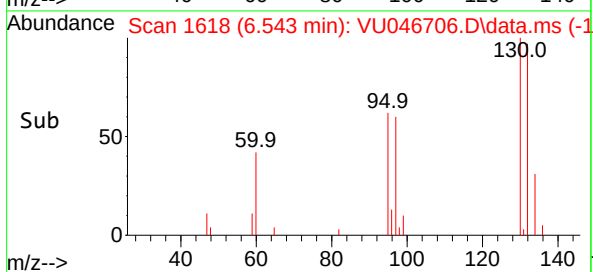
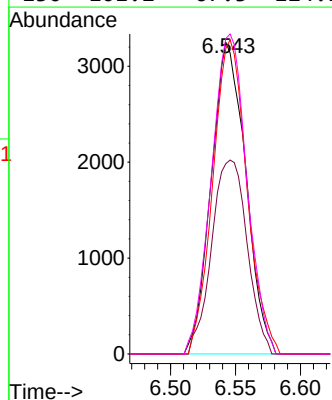
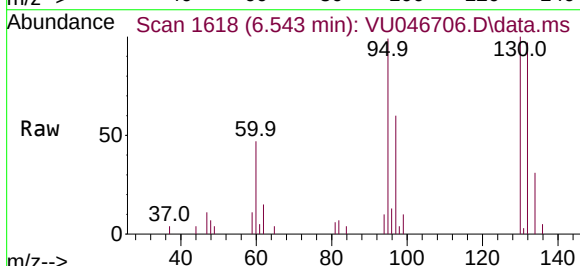
Ion Ratio Lower Upper

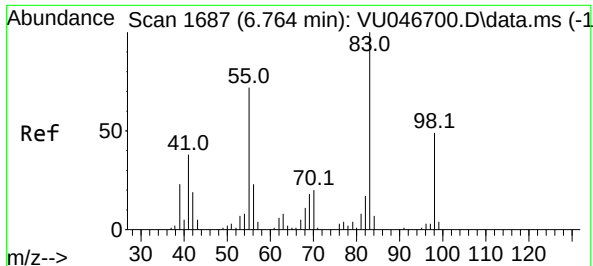
95 100

97 61.1 46.5 86.5

132 98.0 65.1 120.9

130 101.2 67.3 124.9





#35

Methylcyclohexane

Concen: 0.646 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046706.D

Acq: 08 Jan 2022 15:13

Instrument :

MSVOA\_U

ClientSampleId :

BFXW2

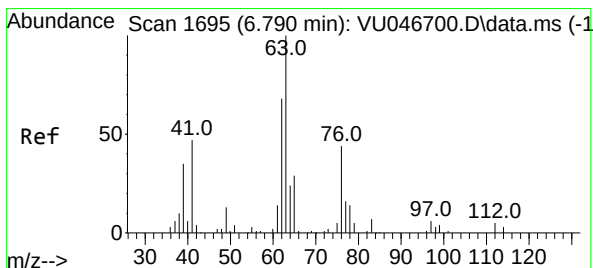
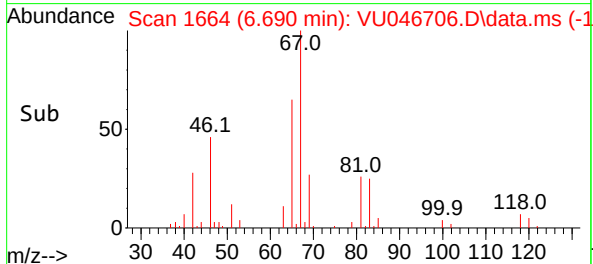
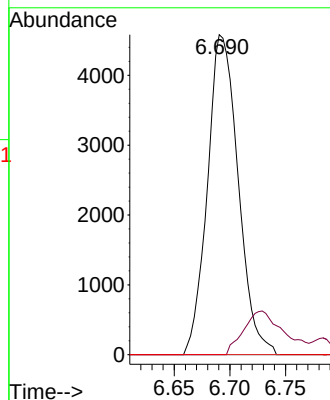
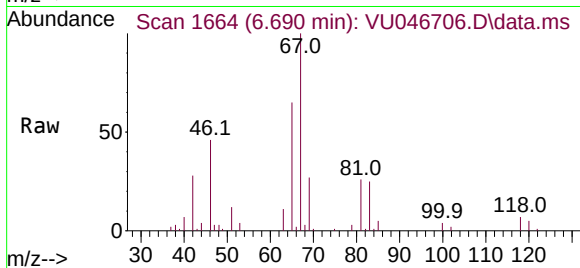
Tgt Ion: 83 Resp: 8809

Ion Ratio Lower Upper

83 100

55 17.9 61.9 92.9#

98 1.0 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.410 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.096 min

Lab File: VU046706.D

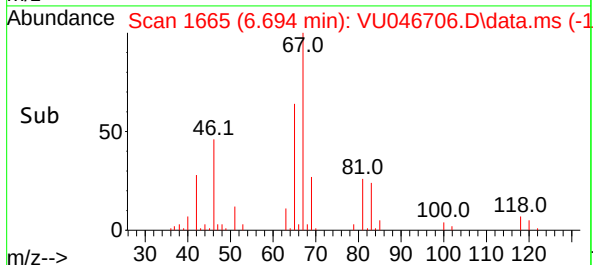
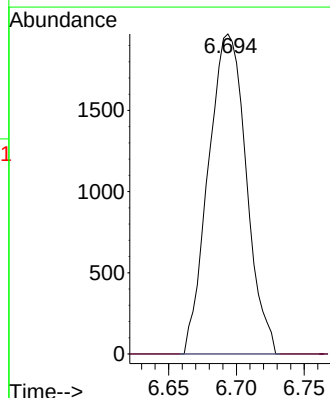
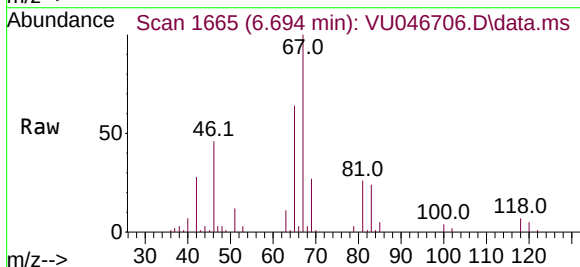
Acq: 08 Jan 2022 15:13

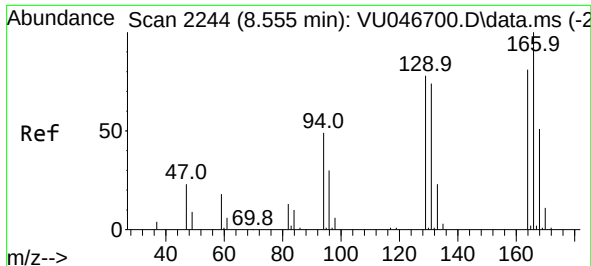
Tgt Ion: 63 Resp: 3838

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

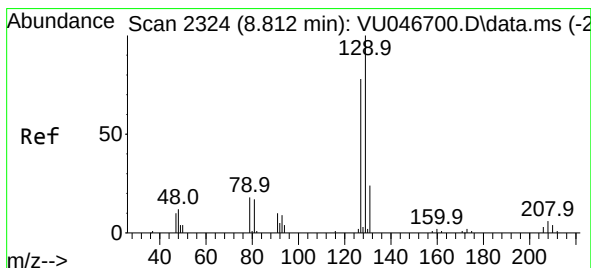
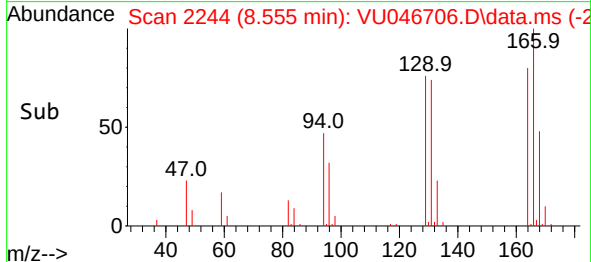
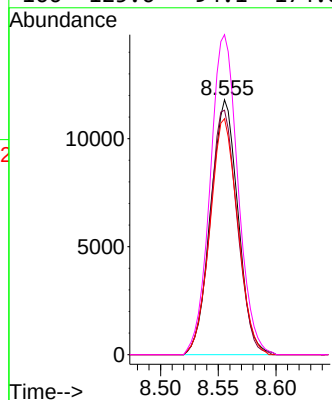
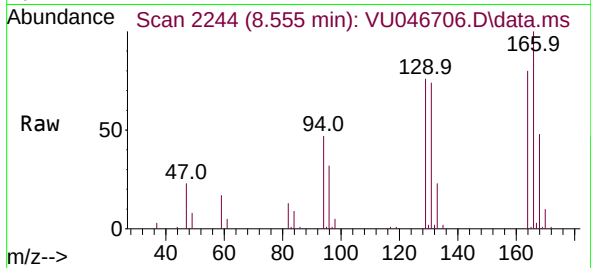




#47  
Tetrachloroethene  
Concen: 2.853 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.000 min  
Lab File: VU046706.D  
Acq: 08 Jan 2022 15:13

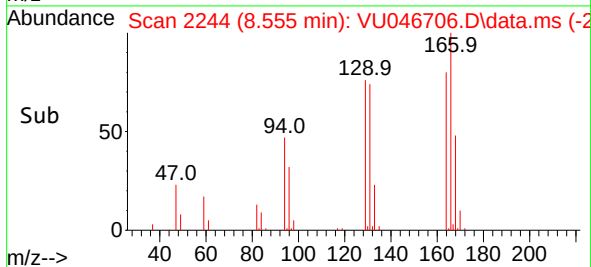
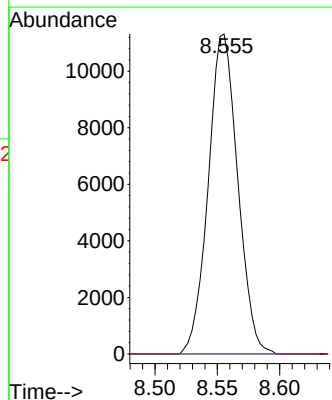
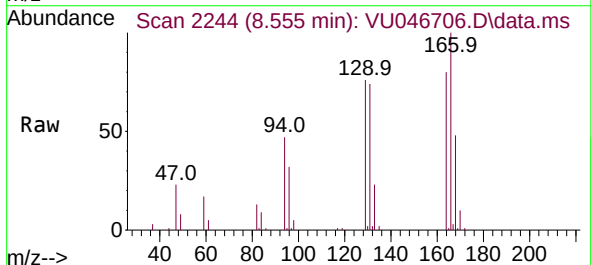
Instrument :  
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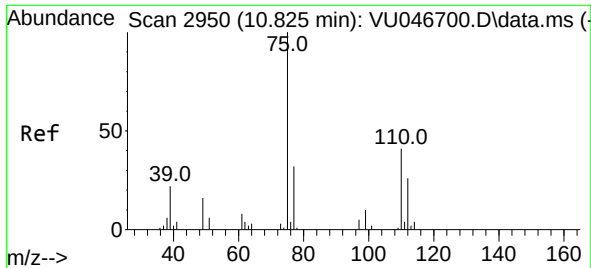
Tgt Ion:164 Resp: 19521  
Ion Ratio Lower Upper  
164 100  
129 96.0 71.8 133.4  
131 92.6 68.5 127.3  
166 125.6 94.1 174.8



#49  
Dibromochloromethane  
Concen: 2.002 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. -0.257 min  
Lab File: VU046706.D  
Acq: 08 Jan 2022 15:13

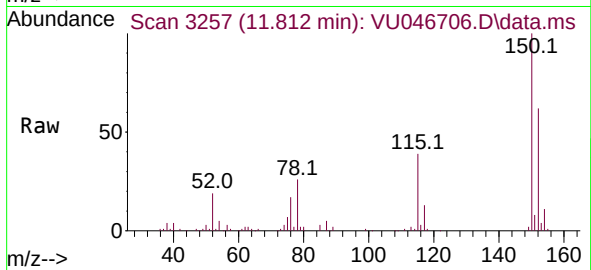
Tgt Ion:129 Resp: 18631  
Ion Ratio Lower Upper  
129 100  
127 0.0 55.4 102.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 0.715 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU046706.D  
 Acq: 08 Jan 2022 15:13

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFXW2



Tgt Ion: 75 Resp: 5931  
 Ion Ratio Lower Upper  
 75 100  
 110 5.0 29.9 44.9#  
 77 31.8 25.5 38.3

