

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU013122\  
 Data File : VU046927.D  
 Acq On : 31 Jan 2022 19:06  
 Operator : SY/MD  
 Sample : N1273-15 10X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Feb 01 00:28:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 01 00:23:47 2022  
 Response via : Initial Calibration

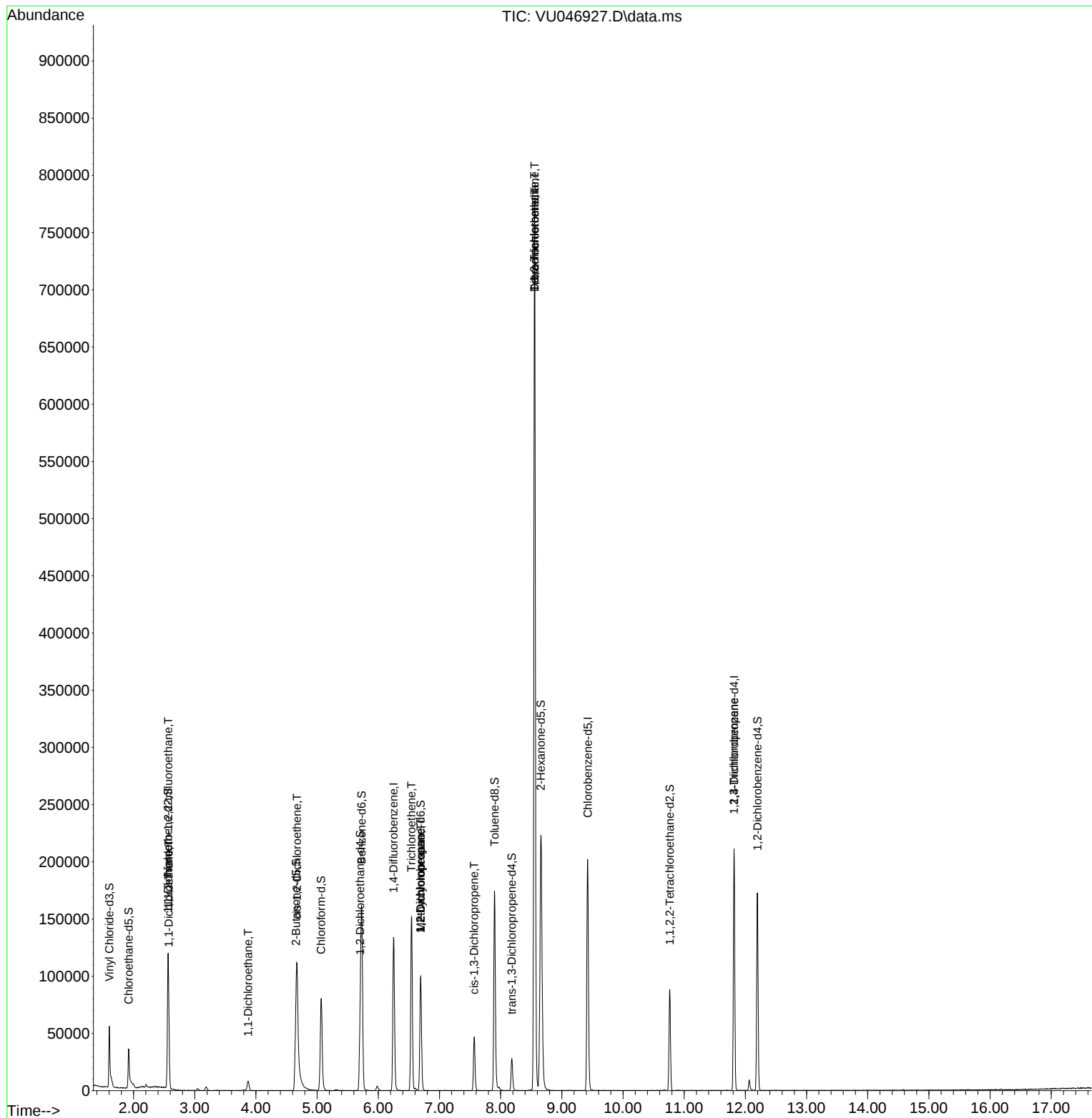
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114   | 112581   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 126003   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816 | 152   | 54676    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 52086    | 5.460    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 109.200% |
| 7) Chloroethane-d5            | 1.919  | 69    | 38350    | 5.102    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 102.000% |
| 11) 1,1-Dichloroethene-d2     | 2.562  | 65    | 19709    | 5.194    | ug/L   | -0.01    |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 103.800% |
| 20) 2-Butanone-d5             | 4.655  | 46    | 123878   | 43.833   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 87.660%  |
| 24) Chloroform-d              | 5.067  | 84    | 74463    | 4.446    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 42765    | 4.689    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.800%  |
| 32) Benzene-d6                | 5.729  | 84    | 155669   | 4.204    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 48079    | 4.324    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 86.400%  |
| 41) Toluene-d8                | 7.899  | 98    | 123174   | 3.634    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 72.600%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 18157    | 3.718    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 74.400%  |
| 46) 2-Hexanone-d5             | 8.658  | 63    | 111403   | 38.530   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 77.060%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 45972    | 4.118    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 82.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152   | 45719    | 4.459    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565  | 101   | 358      | 0.054    | ug/L # | 21       |
| 12) 1,1-Dichloroethene        | 2.575  | 96    | 9577     | 1.523    | ug/L # | 1        |
| 19) 1,1-Dichloroethane        | 3.874  | 63    | 9065     | 0.793    | ug/L   | 98       |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96    | 37760    | 5.257    | ug/L   | 99       |
| 34) Trichloroethene           | 6.543  | 95    | 52773    | 6.852    | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.694  | 83    | 11560    | 0.896    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.690  | 63    | 5111     | 0.702    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.565  | 75    | 1231     | 0.108    | ug/L # | 64       |
| 45) 1,1,2-Trichloroethane     | 8.552  | 97    | 1640     | 0.265    | ug/L # | 1        |
| 47) Tetrachloroethene         | 8.555  | 164   | 175372   | 27.995   | ug/L   | 96       |
| 49) Dibromochloromethane      | 8.555  | 129   | 173355   | 23.736   | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 6869     | 1.483    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

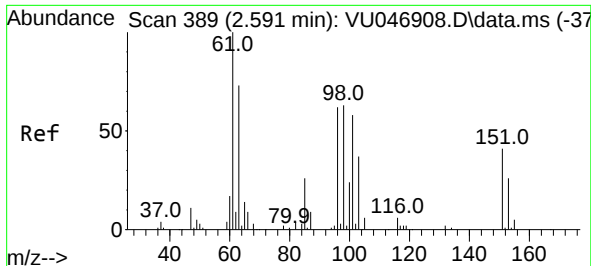
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU013122\  
Data File : VU046927.D  
Acq On : 31 Jan 2022 19:06  
Operator : SY/MD  
Sample : N1273-15 10X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Feb 01 00:28:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 01 00:23:47 2022  
Response via : Initial Calibration

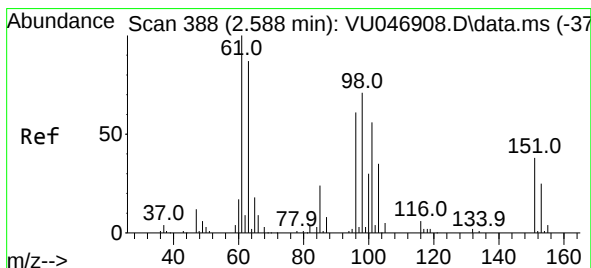
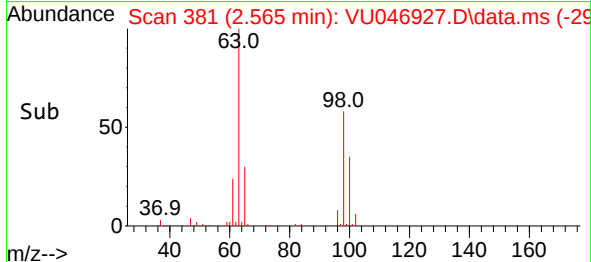
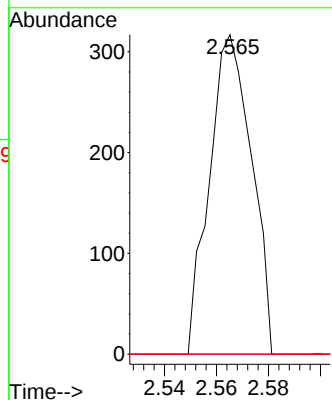
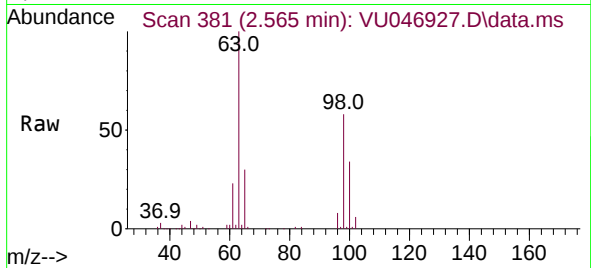




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.054 ug/L  
 RT: 2.565 min Scan# 31  
 Delta R.T. -0.026 min  
 Lab File: VU046927.D  
 Acq: 31 Jan 2022 19:06

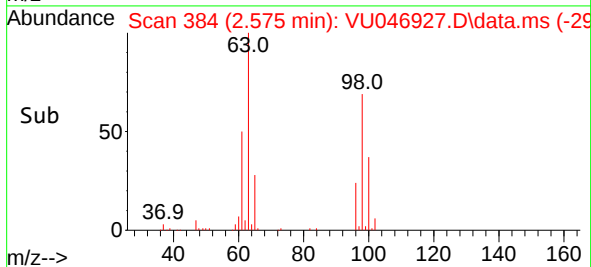
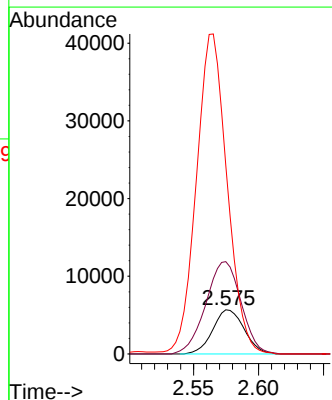
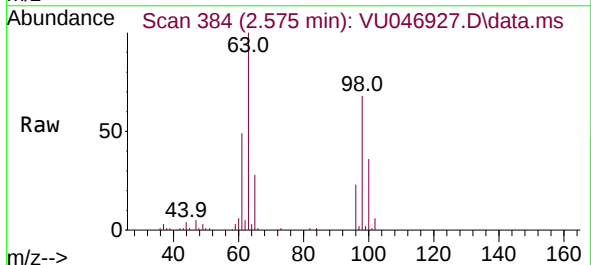
Instrument :  
 MSVOA\_U  
 ClientSampleId :

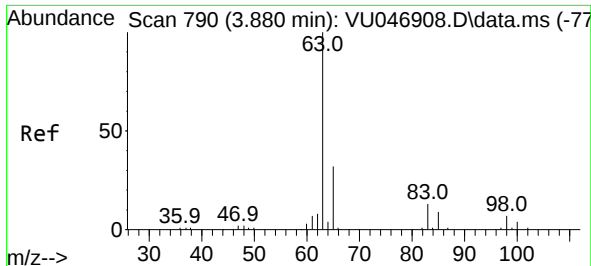
Tgt Ion:101 Resp: 358  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 34.6 51.8#  
 151 0.0 56.1 84.1#



#12  
 1,1-Dichloroethene  
 Concen: 1.523 ug/L  
 RT: 2.575 min Scan# 384  
 Delta R.T. -0.013 min  
 Lab File: VU046927.D  
 Acq: 31 Jan 2022 19:06

Tgt Ion: 96 Resp: 9577  
 Ion Ratio Lower Upper  
 96 100  
 61 208.9 124.7 231.5  
 63 426.1 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.793 ug/L

RT: 3.874 min Scan# 790

Delta R.T. -0.006 min

Lab File: VU046927.D

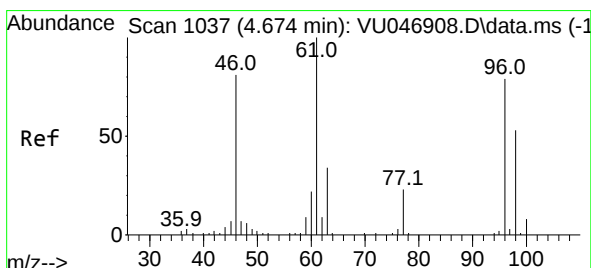
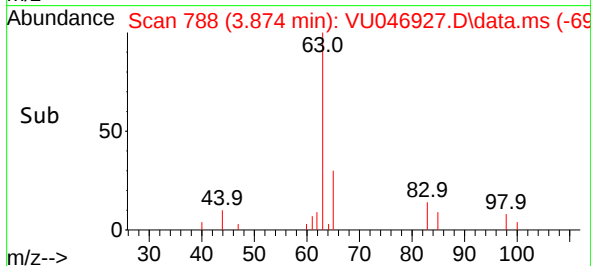
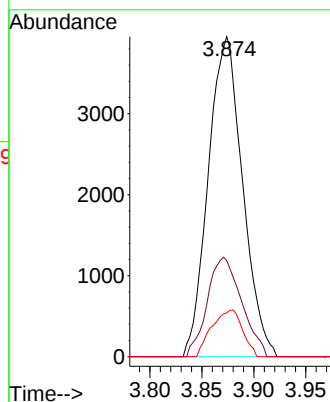
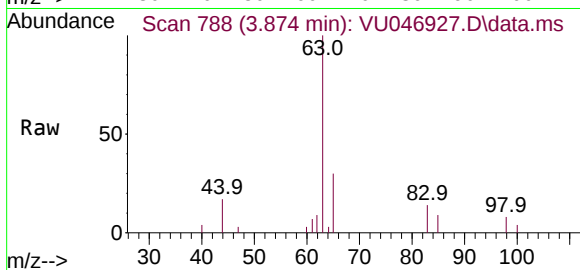
Acq: 31 Jan 2022 19:06

Instrument :

MSVOA\_U

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 63 | Resp: 9065     |
| Ion Ratio   | Lower Upper    |
| 63          | 100            |
| 65          | 30.1 22.3 41.5 |
| 83          | 13.7 9.6 17.8  |



#22

cis-1,2-Dichloroethene

Concen: 5.257 ug/L

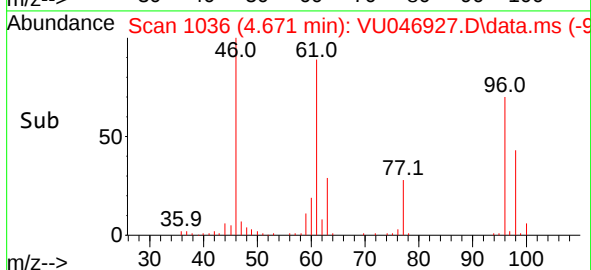
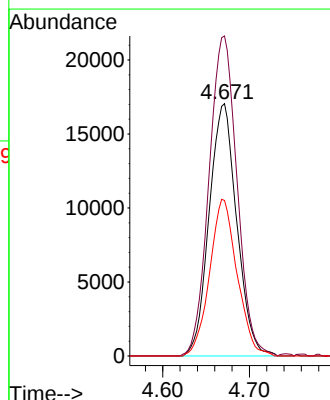
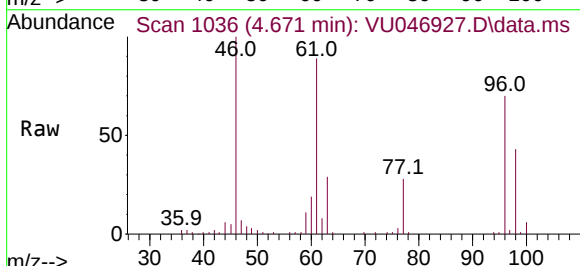
RT: 4.671 min Scan# 1036

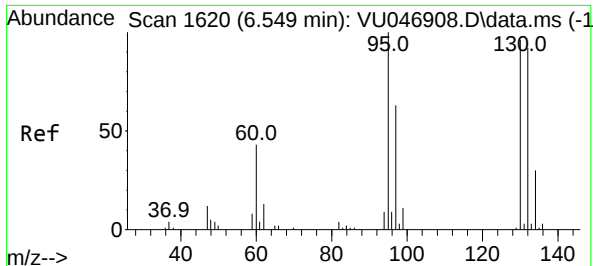
Delta R.T. -0.003 min

Lab File: VU046927.D

Acq: 31 Jan 2022 19:06

|             |                  |
|-------------|------------------|
| Tgt Ion: 96 | Resp: 37760      |
| Ion Ratio   | Lower Upper      |
| 96          | 100              |
| 61          | 126.8 88.5 164.3 |
| 98          | 61.7 44.4 82.5   |

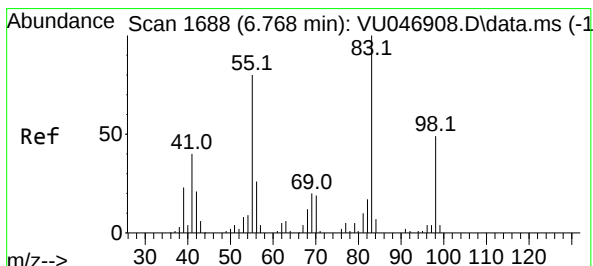
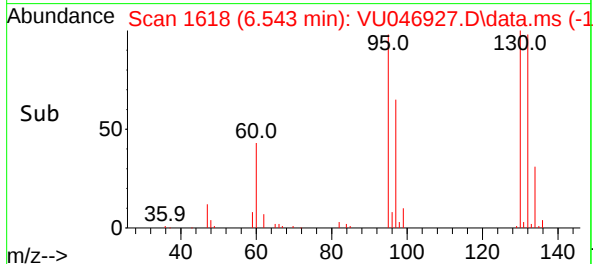
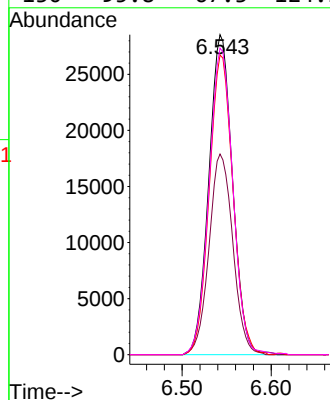
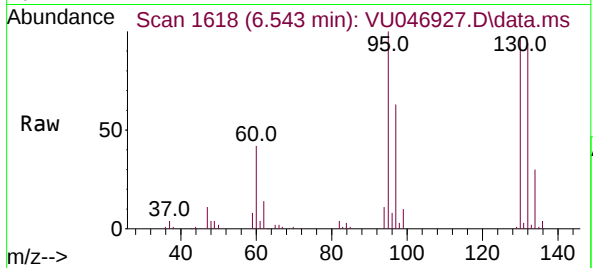




#34  
Trichloroethene  
Concen: 6.852 ug/L  
RT: 6.543 min Scan# 1618  
Delta R.T. -0.006 min  
Lab File: VU046927.D  
Acq: 31 Jan 2022 19:06

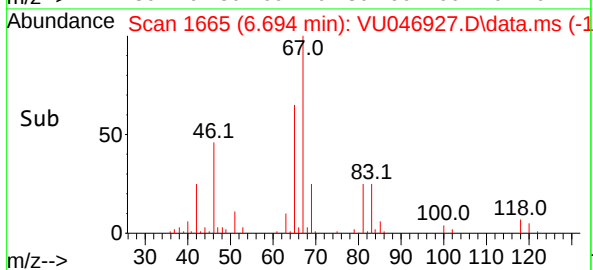
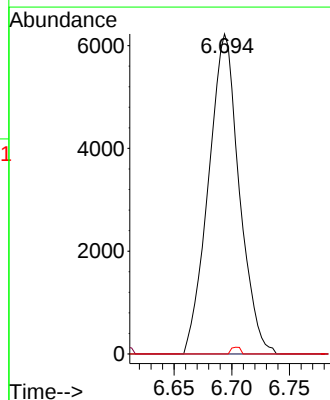
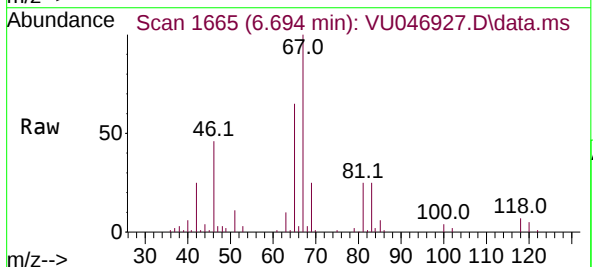
Instrument :  
MSVOA\_U  
ClientSampleId :

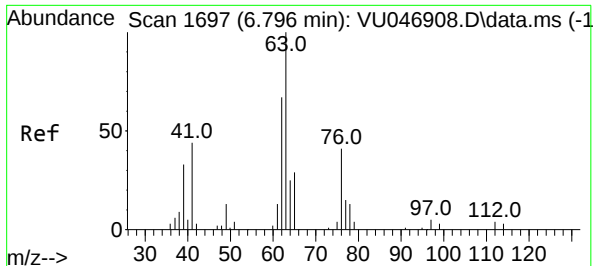
Tgt Ion: 95 Resp: 52773  
Ion Ratio Lower Upper  
95 100  
97 62.7 46.5 86.5  
132 93.6 65.1 120.9  
130 95.8 67.3 124.9



#35  
Methylcyclohexane  
Concen: 0.896 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.074 min  
Lab File: VU046927.D  
Acq: 31 Jan 2022 19:06

Tgt Ion: 83 Resp: 11560  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.9 92.9#  
98 0.6 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.702 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.106 min

Lab File: VU046927.D

Acq: 31 Jan 2022 19:06

Instrument :

MSVOA\_U

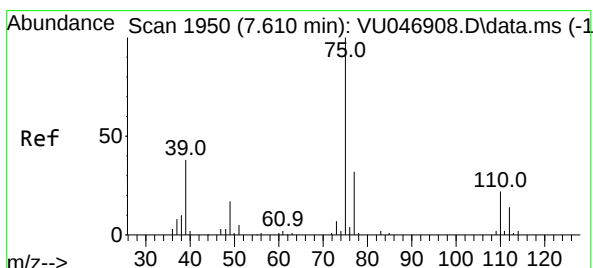
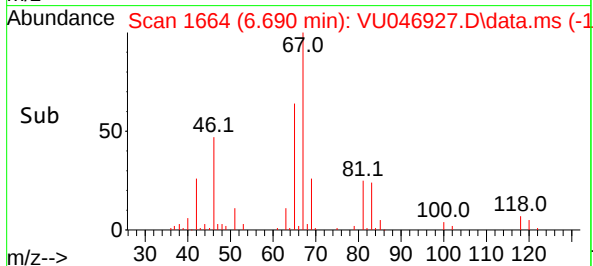
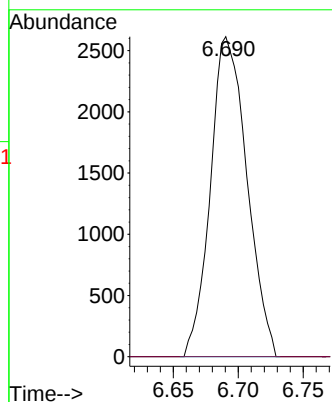
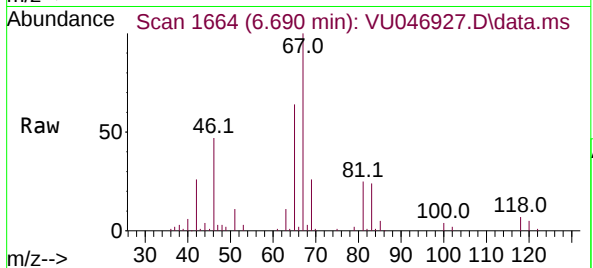
ClientSampleId :

Tgt Ion: 63 Resp: 5111

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046927.D

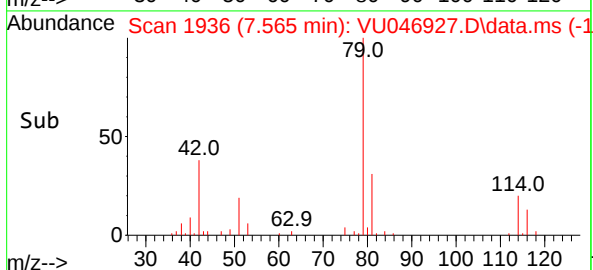
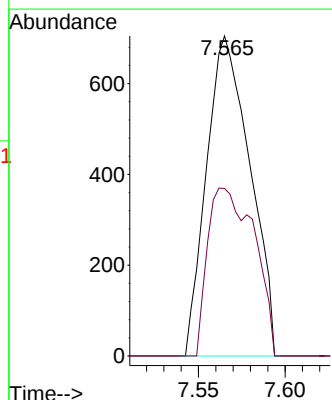
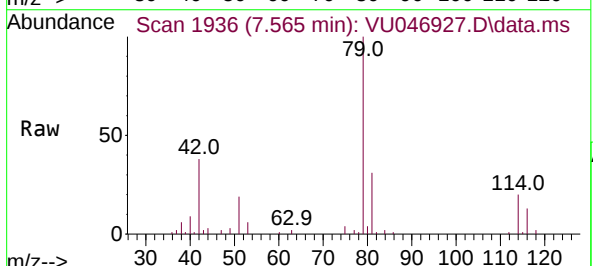
Acq: 31 Jan 2022 19:06

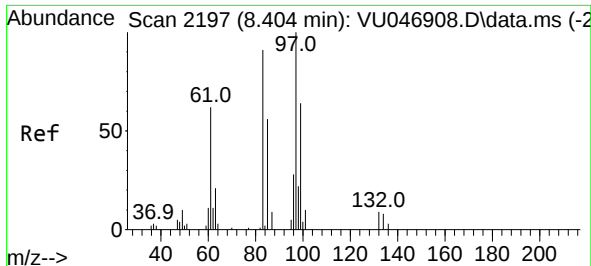
Tgt Ion: 75 Resp: 1231

Ion Ratio Lower Upper

75 100

77 52.3 22.5 41.9#

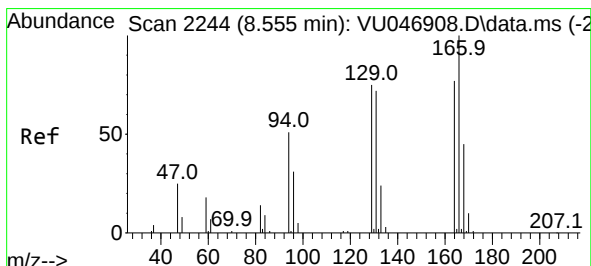
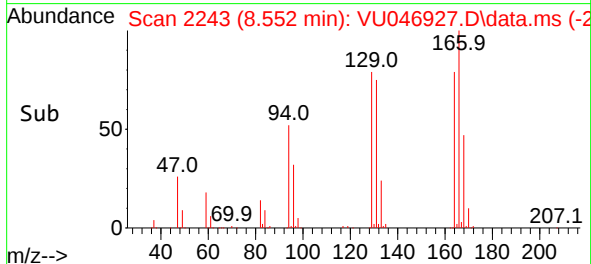
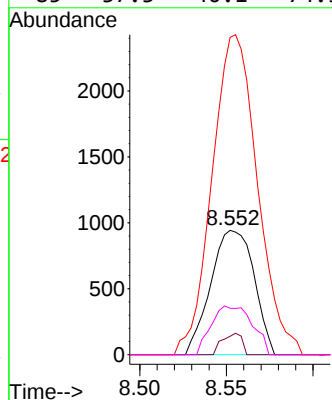
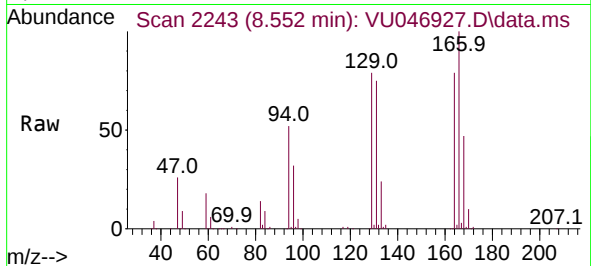




#45  
1,1,2-Trichloroethane  
Concen: 0.265 ug/L  
RT: 8.552 min Scan# 2197  
Delta R.T. 0.148 min  
Lab File: VU046927.D  
Acq: 31 Jan 2022 19:06

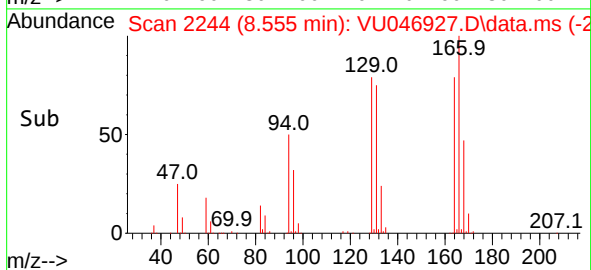
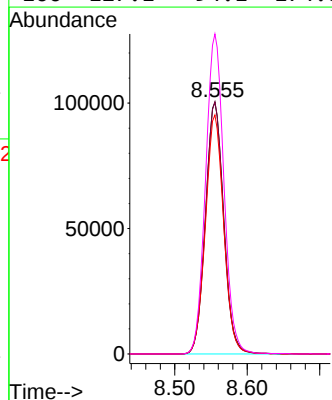
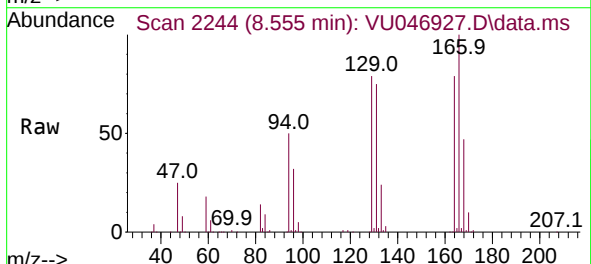
Instrument :  
MSVOA\_U  
ClientSampleId :

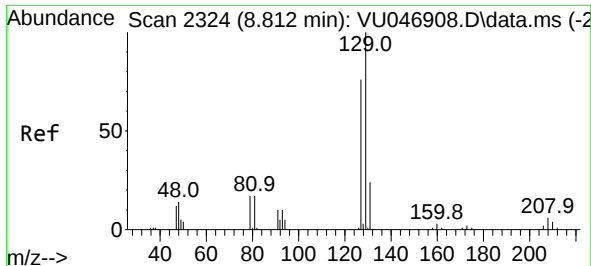
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 97 | Resp: | 1640        |
| Ion Ratio   | Lower | Upper       |
| 97          | 100   |             |
| 99          | 14.8  | 42.3 78.5#  |
| 83          | 255.1 | 62.0 115.2# |
| 85          | 37.3  | 40.1 74.5#  |



#47  
Tetrachloroethene  
Concen: 27.995 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.000 min  
Lab File: VU046927.D  
Acq: 31 Jan 2022 19:06

|              |       |            |
|--------------|-------|------------|
| Tgt Ion: 164 | Resp: | 175372     |
| Ion Ratio    | Lower | Upper      |
| 164          | 100   |            |
| 129          | 100.1 | 71.8 133.4 |
| 131          | 94.9  | 68.5 127.3 |
| 166          | 127.1 | 94.1 174.8 |





#49

Dibromochloromethane

Concen: 23.736 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046927.D

Acq: 31 Jan 2022 19:06

Instrument :

MSVOA\_U

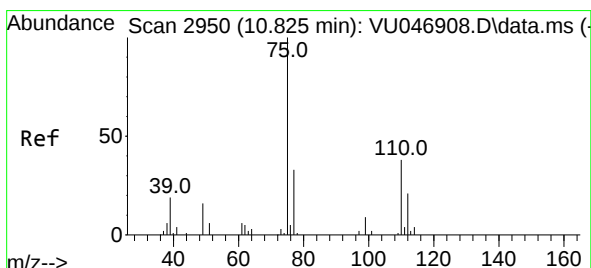
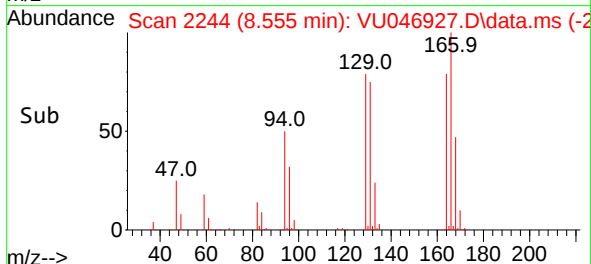
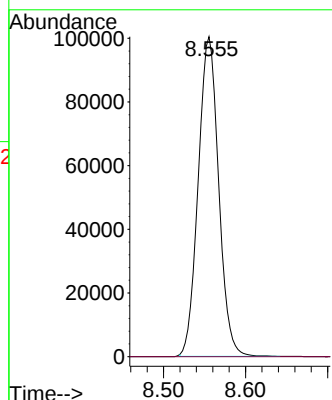
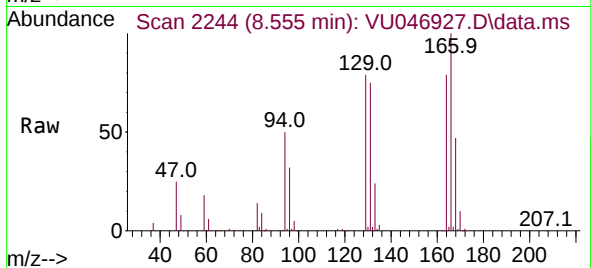
ClientSampleId :

Tgt Ion:129 Resp: 173355

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.483 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046927.D

Acq: 31 Jan 2022 19:06

Tgt Ion: 75 Resp: 6869

Ion Ratio Lower Upper

75 100

110 2.3 29.9 44.9#

77 31.6 25.5 38.3

