

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121222\  
 Data File : VU052360.D  
 Acq On : 12 Dec 2022 18:08  
 Operator : JC/MD  
 Sample : N5961-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 13 01:06:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 13 01:01:45 2022  
 Response via : Initial Calibration

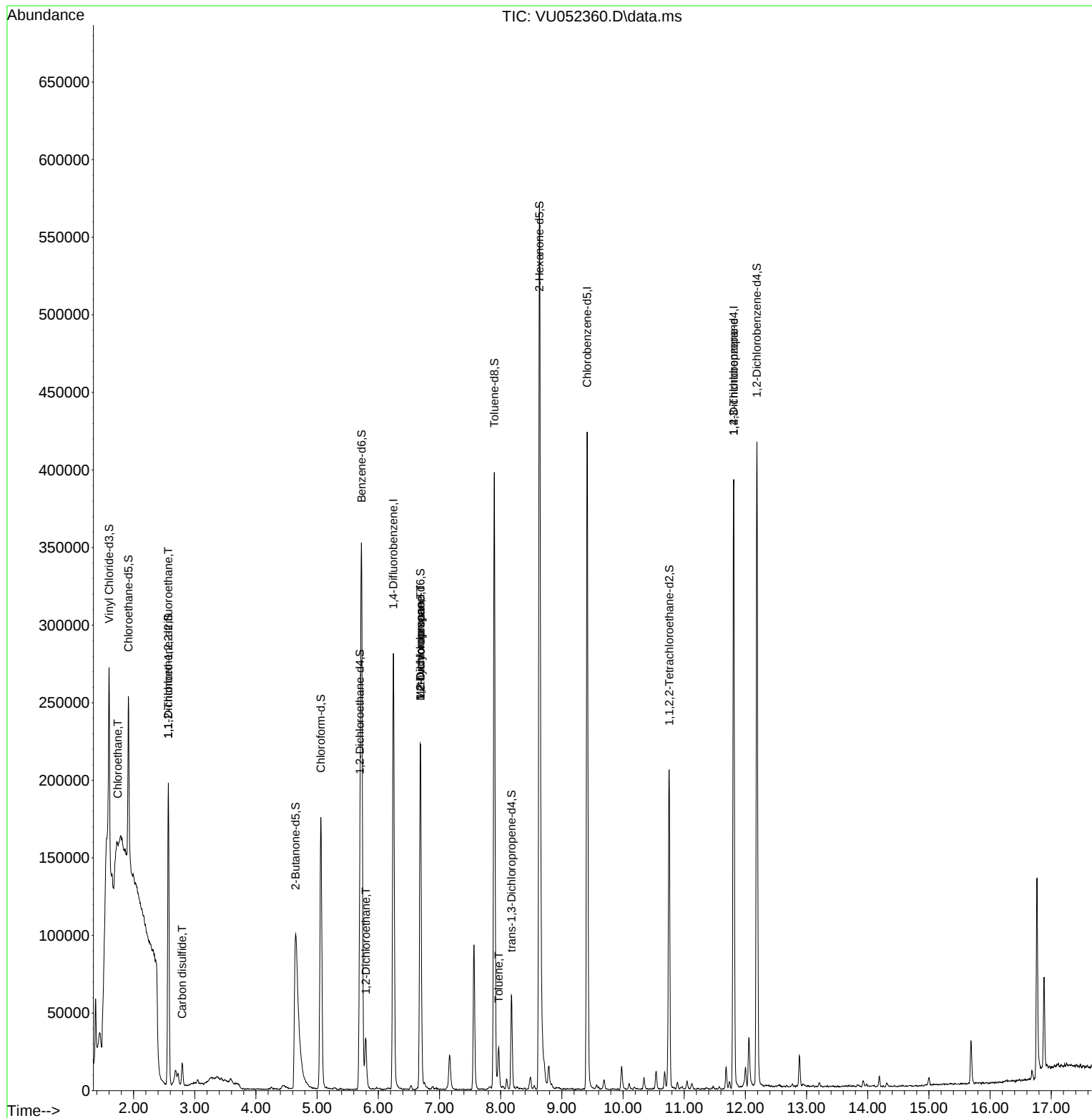
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 237406   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 247138   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 111357   | 5.000    | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 90444    | 3.917    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 78.400%   |
| 7) Chloroethane-d5            | 1.916  | 69    | 79457    | 4.430    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 88.600%   |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65    | 36057    | 4.356    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 87.200%   |
| 20) 2-Butanone-d5             | 4.649  | 46    | 281131   | 67.163   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 134.320%# |
| 24) Chloroform-d              | 5.060  | 84    | 171381   | 5.051    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 89006    | 5.193    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 103.800%  |
| 32) Benzene-d6                | 5.726  | 84    | 350753   | 4.781    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.600%   |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 116657   | 5.138    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 102.800%  |
| 41) Toluene-d8                | 7.896  | 98    | 280998   | 4.233    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.600%   |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 35707    | 4.315    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.400%   |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 217474   | 62.018   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 124.040%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 107778   | 5.475    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 109.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.188 | 152   | 116327   | 5.456    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 109.200%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        |           |
| 8) Chloroethane               | 1.739  | 64    | 50159    | 3.124    | ug/L # | 53        |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568  | 101   | 1044     | 0.060    | ug/L # | 20        |
| 14) Carbon disulfide          | 2.793  | 76    | 20263    | 0.340    | ug/L   | 97        |
| 27) 1,2-Dichloroethane        | 5.796  | 62    | 25107    | 1.216    | ug/L   | 96        |
| 35) Methylcyclohexane         | 6.690  | 83    | 25741    | 0.892    | ug/L # | 20        |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 11403    | 0.548    | ug/L # | 88        |
| 42) Toluene                   | 7.967  | 91    | 19788    | 0.239    | ug/L   | 97        |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75    | 13168    | 1.033    | ug/L # | 66        |
| -----                         |        |       |          |          |        |           |

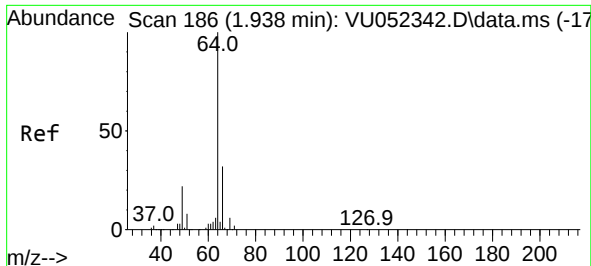
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121222\  
Data File : VU052360.D  
Acq On : 12 Dec 2022 18:08  
Operator : JC/MD  
Sample : N5961-03  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Dec 13 01:06:03 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Dec 13 01:01:45 2022  
Response via : Initial Calibration

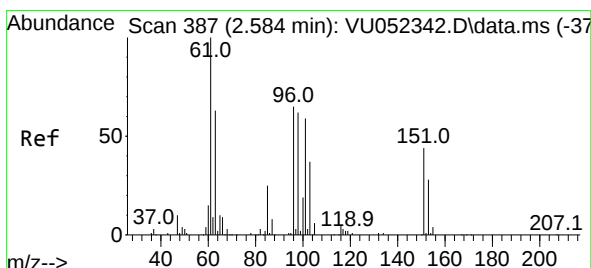
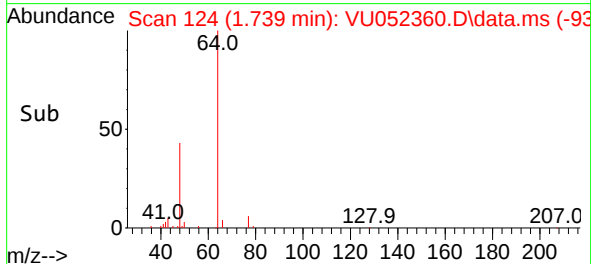
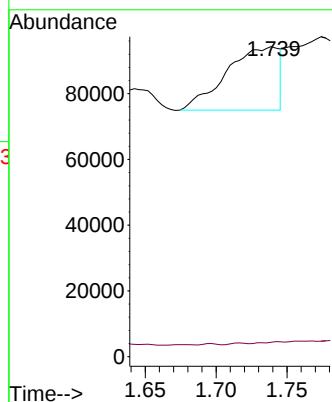
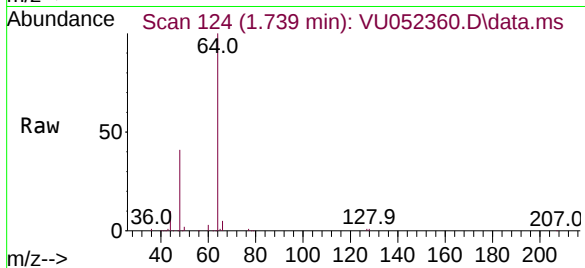




#8  
Chloroethane  
Concen: 3.124 ug/L  
RT: 1.739 min Scan# 11  
Delta R.T. -0.199 min  
Lab File: VU052360.D  
Acq: 12 Dec 2022 18:08

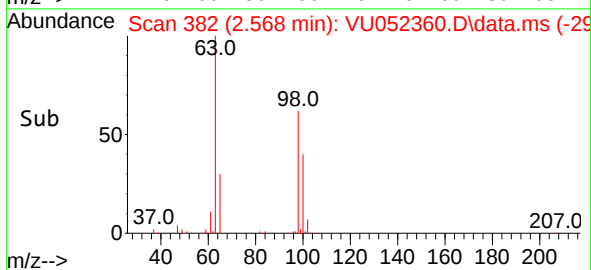
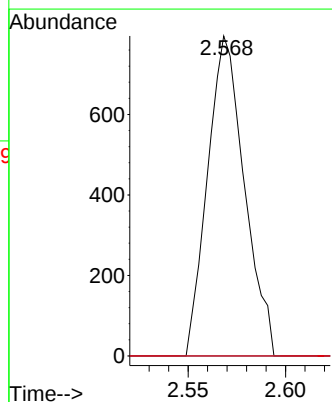
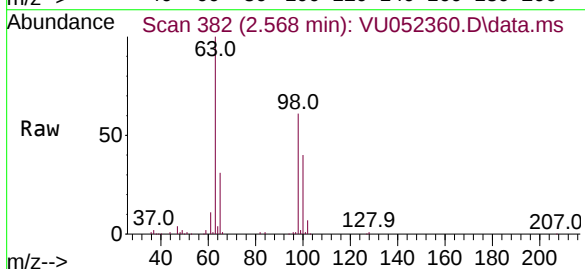
Instrument :  
MSVOA\_U  
ClientSampleId :

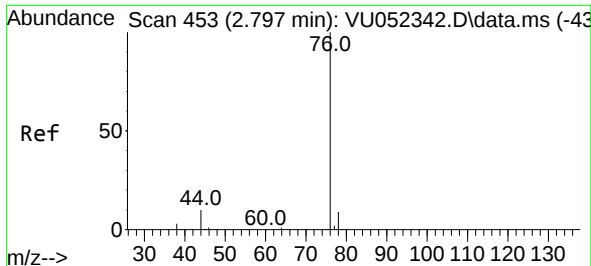
Tgt Ion: 64 Resp: 50159  
Ion Ratio Lower Upper  
64 100  
66 4.6 21.1 39.1#



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.060 ug/L  
RT: 2.568 min Scan# 382  
Delta R.T. -0.016 min  
Lab File: VU052360.D  
Acq: 12 Dec 2022 18:08

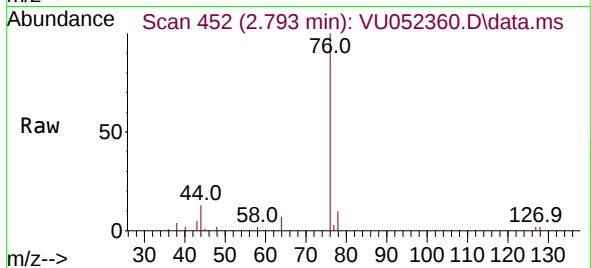
Tgt Ion:101 Resp: 1044  
Ion Ratio Lower Upper  
101 100  
85 0.0 33.8 50.6#  
151 0.0 58.6 88.0#



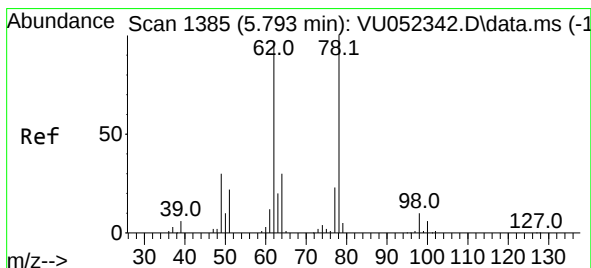
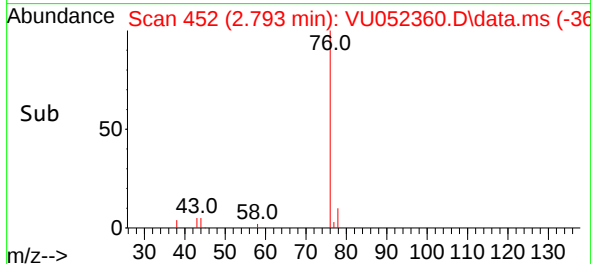
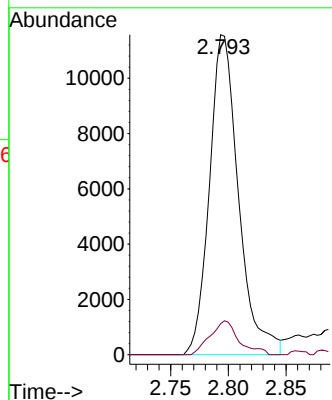


#14  
Carbon disulfide  
Concen: 0.340 ug/L  
RT: 2.793 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: VU052360.D  
Acq: 12 Dec 2022 18:08

Instrument :  
MSVOA\_U  
ClientSampleId :

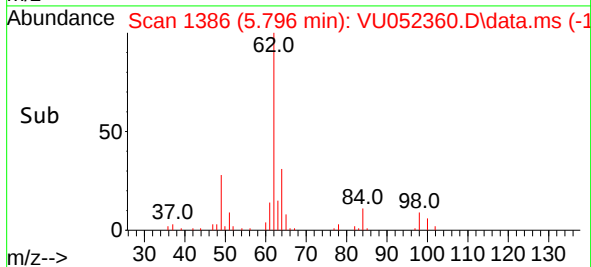
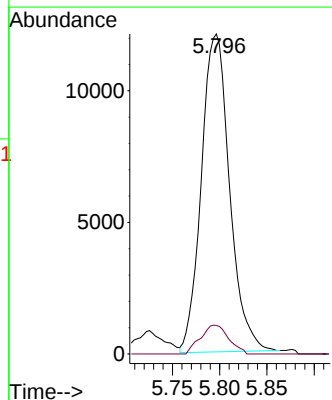
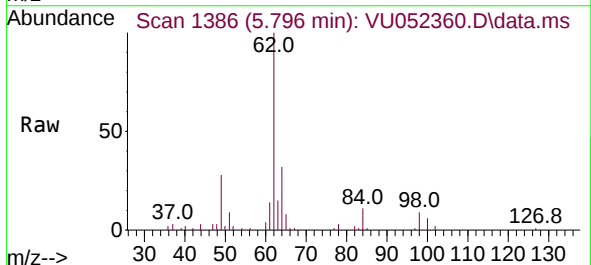


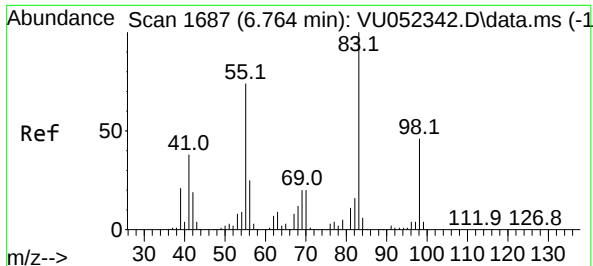
Tgt Ion: 76 Resp: 20263  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.0 10.4



#27  
1,2-Dichloroethane  
Concen: 1.216 ug/L  
RT: 5.796 min Scan# 1386  
Delta R.T. 0.003 min  
Lab File: VU052360.D  
Acq: 12 Dec 2022 18:08

Tgt Ion: 62 Resp: 25107  
Ion Ratio Lower Upper  
62 100  
98 8.9 8.4 12.6





#35

Methylcyclohexane

Concen: 0.892 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052360.D

Acq: 12 Dec 2022 18:08

Instrument :

MSVOA\_U

ClientSampleId :

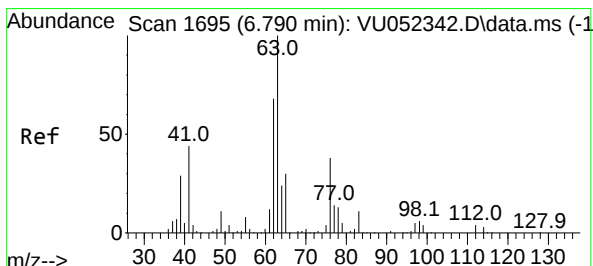
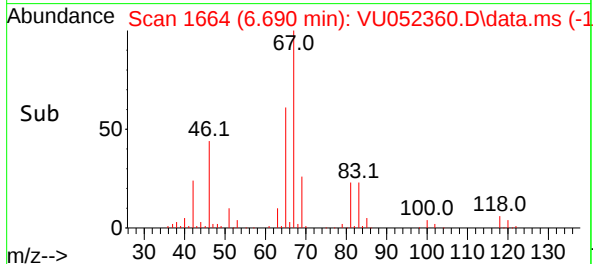
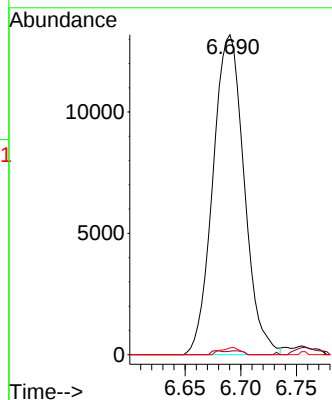
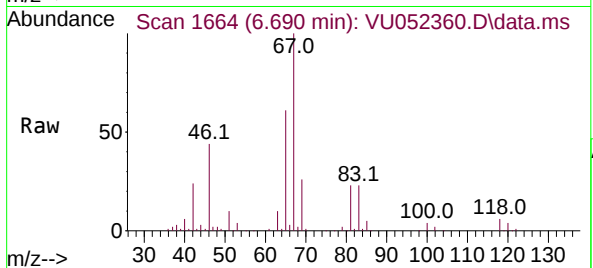
Tgt Ion: 83 Resp: 25741

Ion Ratio Lower Upper

83 100

55 0.5 60.8 91.2#

98 1.3 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.548 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052360.D

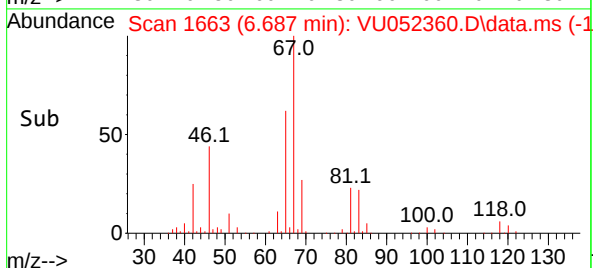
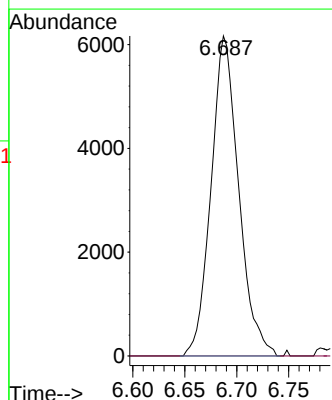
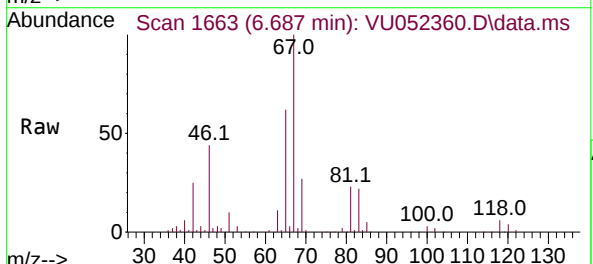
Acq: 12 Dec 2022 18:08

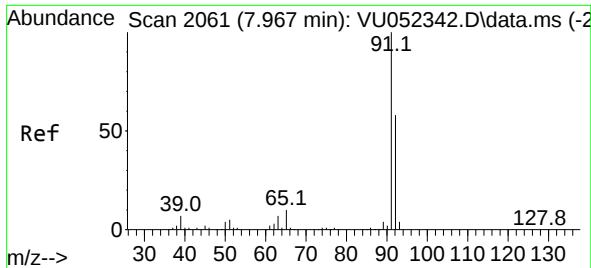
Tgt Ion: 63 Resp: 11403

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#42

Toluene

Concen: 0.239 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052360.D

Acq: 12 Dec 2022 18:08

Instrument :

MSVOA\_U

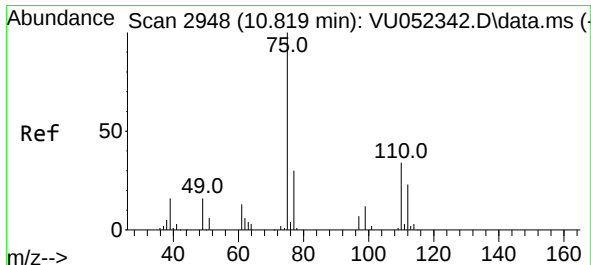
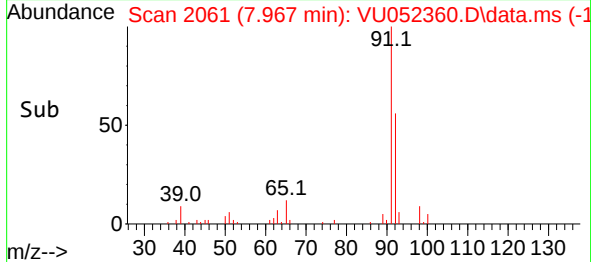
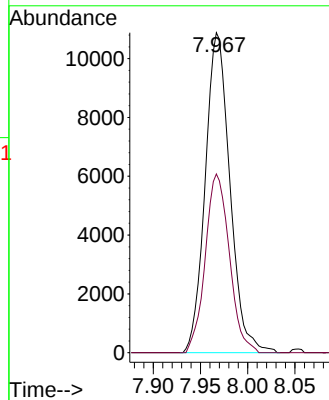
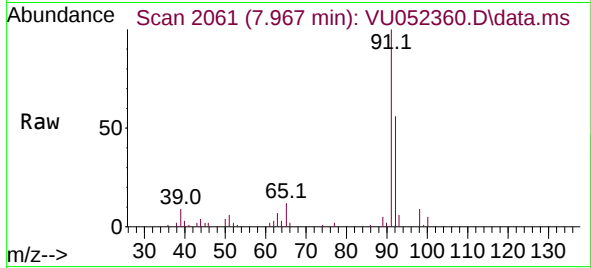
ClientSampleId :

Tgt Ion: 91 Resp: 19788

Ion Ratio Lower Upper

91 100

92 55.9 40.7 75.5



#61

1,2,3-Trichloropropane

Concen: 1.033 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052360.D

Acq: 12 Dec 2022 18:08

Tgt Ion: 75 Resp: 13168

Ion Ratio Lower Upper

75 100

110 2.0 28.3 42.5

77 28.3 26.2 39.2

