

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111921\  
 Data File : VU045891.D  
 Acq On : 19 Nov 2021 13:48  
 Operator : SY/MD  
 Sample : M4755-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 22 03:53:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Nov 22 03:50:15 2021  
 Response via : Initial Calibration

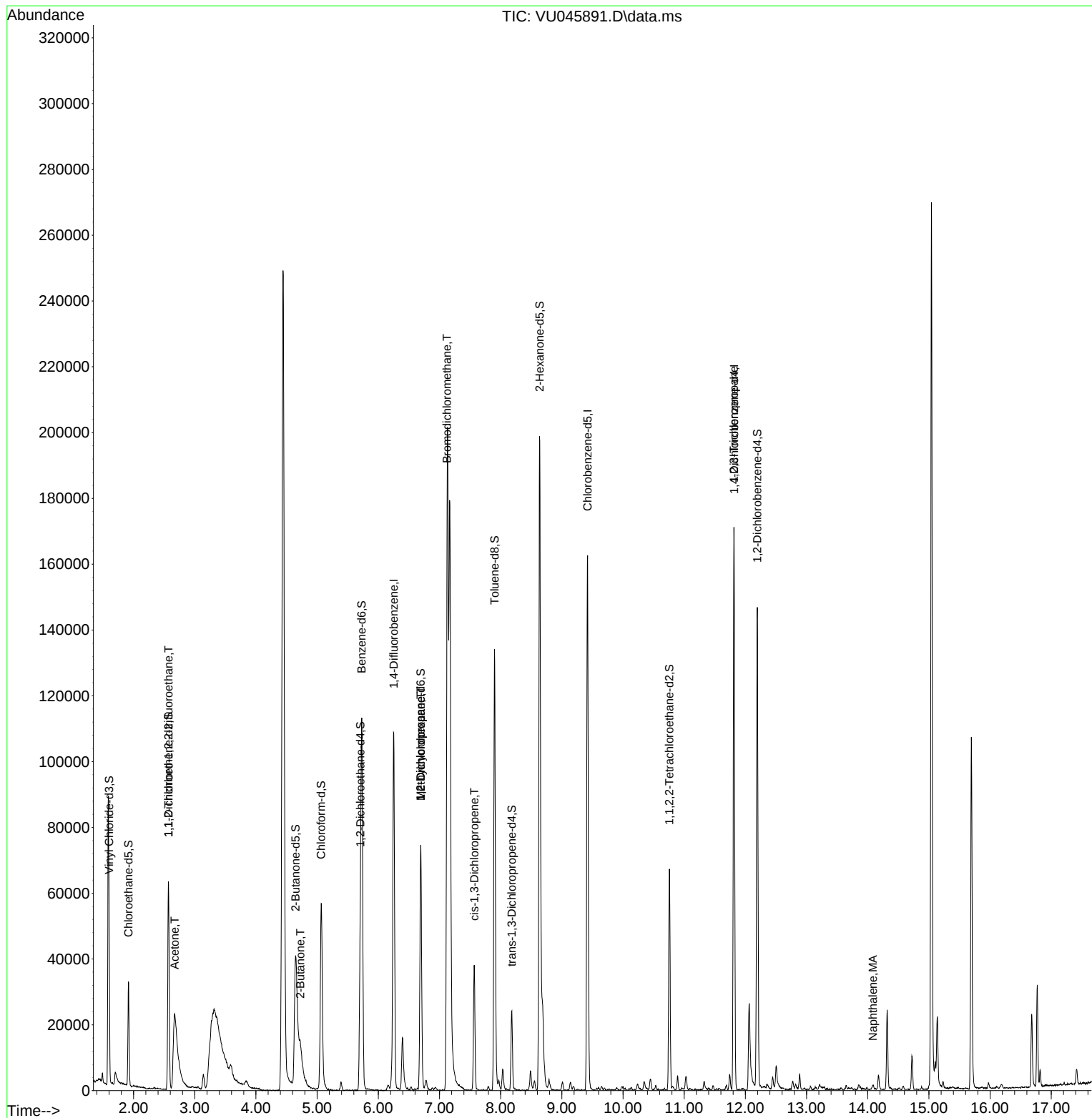
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114            | 88160    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117            | 91712    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816 | 152            | 45060    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65             | 28102    | 4.023  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 80.400%  |          |
| 7) Chloroethane-d5            | 1.916  | 69             | 22592    | 4.443  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 88.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65             | 11815    | 4.033  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 80.600%  |          |
| 20) 2-Butanone-d5             | 4.649  | 46             | 105524   | 56.375 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 112.740% |          |
| 24) Chloroform-d              | 5.067  | 84             | 50999    | 4.382  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 87.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.707  | 65             | 31668    | 4.638  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.800%  |          |
| 32) Benzene-d6                | 5.729  | 84             | 105291   | 4.169  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 83.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67             | 34539    | 4.339  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 86.800%  |          |
| 41) Toluene-d8                | 7.899  | 98             | 91095    | 3.987  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 79.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 13343    | 4.129  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 82.600%  |          |
| 46) 2-Hexanone-d5             | 8.636  | 63             | 74931    | 51.521 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 103.040% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 33069    | 4.918  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 98.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 37255    | 4.815  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 96.400%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.572  | 101            | 274      | 0.047  | ug/L #   | 21       |
| 13) Acetone                   | 2.671  | 43             | 82428    | 74.817 | ug/L     | 93       |
| 21) 2-Butanone                | 4.726  | 43             | 17309    | 9.337  | ug/L     | 98       |
| 35) Methylcyclohexane         | 6.694  | 83             | 8409     | 0.830  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.694  | 63             | 3768     | 0.559  | ug/L #   | 88       |
| 38) Bromodichloromethane      | 7.125  | 83             | 2461     | 0.296  | ug/L #   | 1        |
| 39) cis-1,3-Dichloropropene   | 7.568  | 75             | 862      | 0.090  | ug/L #   | 33       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75             | 5781     | 1.236  | ug/L #   | 65       |
| 71) Naphthalene               | 14.086 | 128            | 1651     | 0.103  | ug/L #   | 85       |
| -----                         |        |                |          |        |          |          |

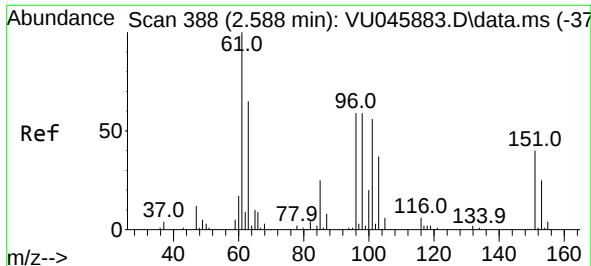
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111921\  
Data File : VU045891.D  
Acq On : 19 Nov 2021 13:48  
Operator : SY/MD  
Sample : M4755-03  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Nov 22 03:53:12 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111521WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Nov 22 03:50:15 2021  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.047 ug/L

RT: 2.572 min Scan# 388

Delta R.T. -0.016 min

Lab File: VU045891.D

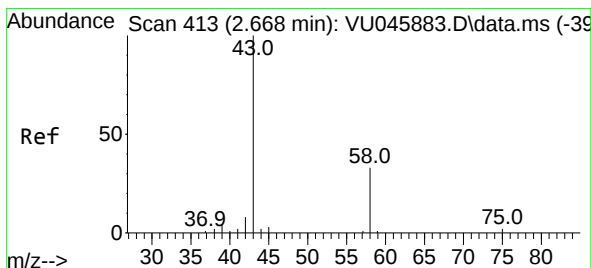
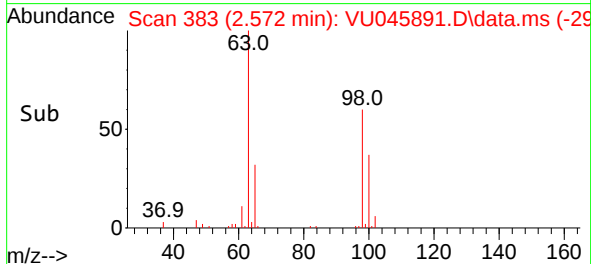
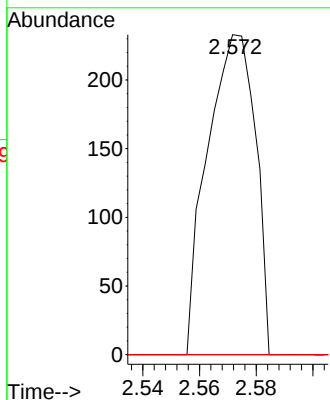
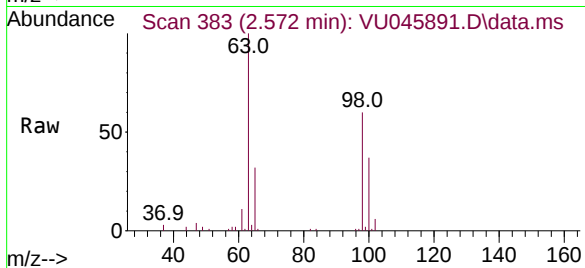
Acq: 19 Nov 2021 13:48

Instrument :

MSVOA\_U

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 274   |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 0.0   | 34.6  | 51.8# |
| 151      | 0.0   | 56.1  | 84.1# |



#13

Acetone

Concen: 74.817 ug/L

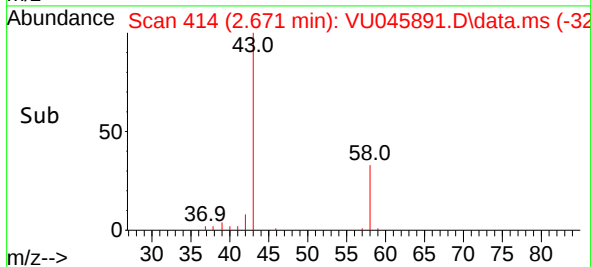
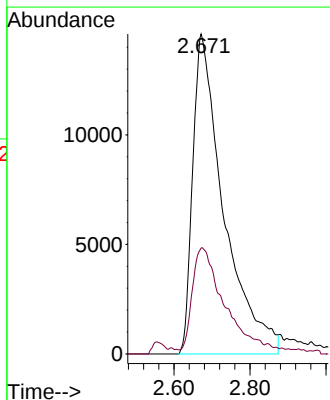
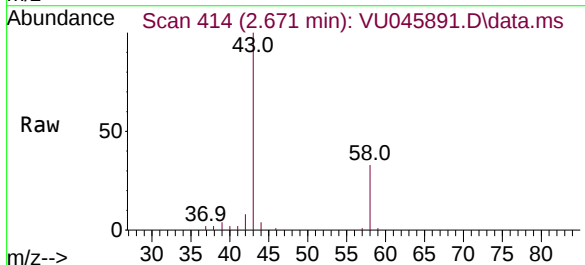
RT: 2.671 min Scan# 414

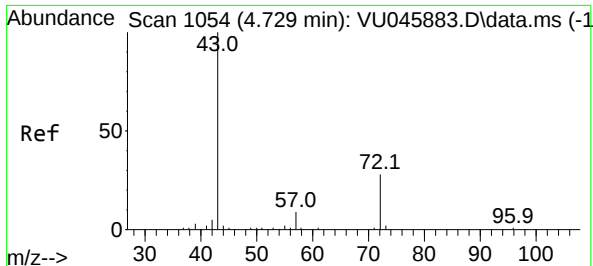
Delta R.T. 0.003 min

Lab File: VU045891.D

Acq: 19 Nov 2021 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 82428 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.5  | 0.0   | 71.6  |





#21

2-Butanone

Concen: 9.337 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. -0.003 min

Lab File: VU045891.D

Acq: 19 Nov 2021 13:48

Instrument :

MSVOA\_U

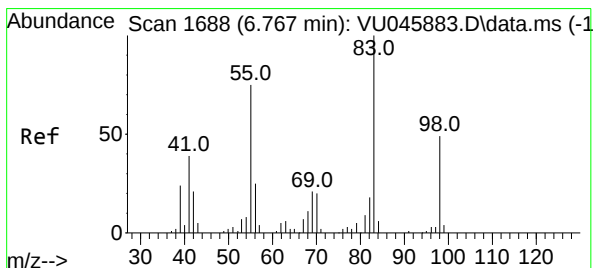
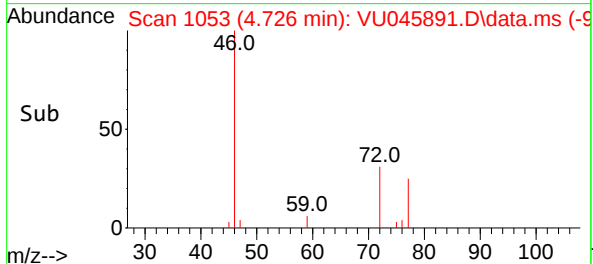
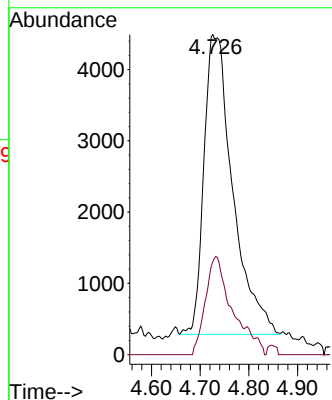
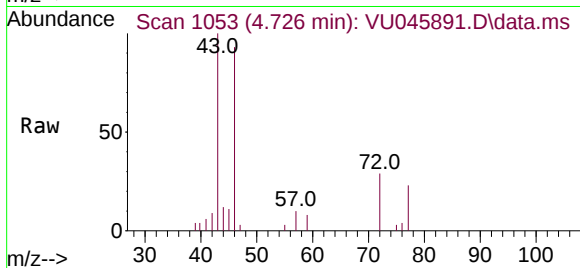
ClientSampleId :

Tgt Ion: 43 Resp: 17309

Ion Ratio Lower Upper

43 100

72 27.3 14.1 42.3



#35

Methylcyclohexane

Concen: 0.830 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU045891.D

Acq: 19 Nov 2021 13:48

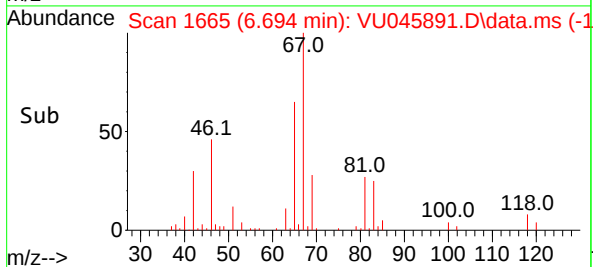
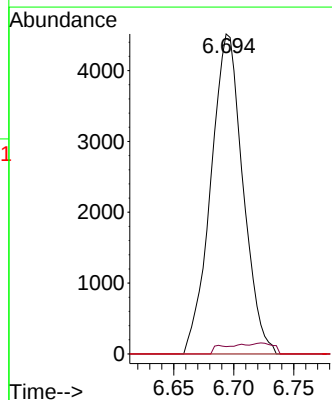
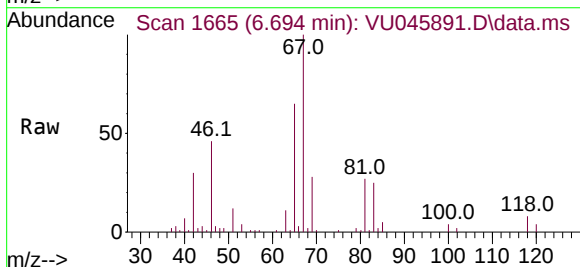
Tgt Ion: 83 Resp: 8409

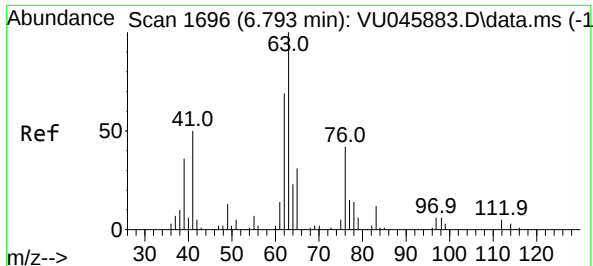
Ion Ratio Lower Upper

83 100

55 1.0 61.9 92.9#

98 1.1 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.559 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU045891.D

Acq: 19 Nov 2021 13:48

Instrument :

MSVOA\_U

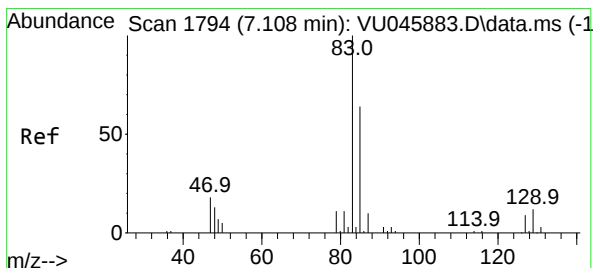
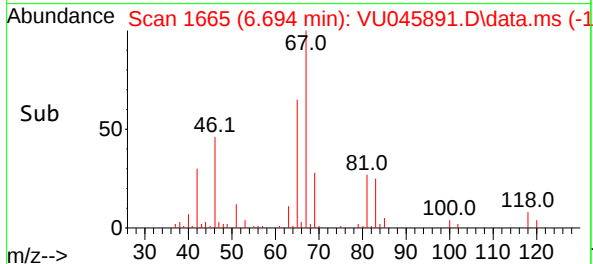
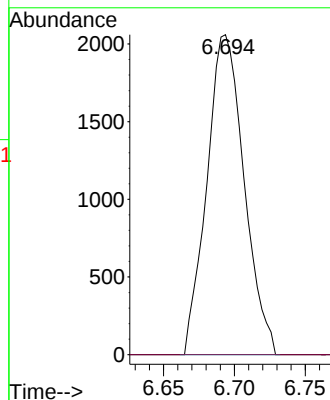
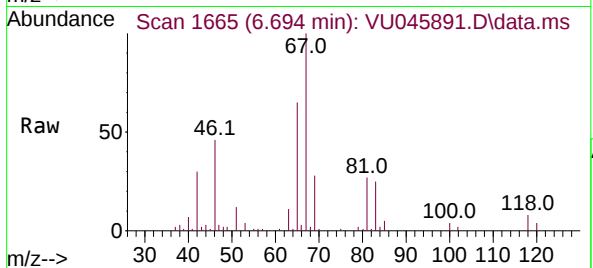
ClientSampleId :

Tgt Ion: 63 Resp: 3768

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.296 ug/L

RT: 7.125 min Scan# 1799

Delta R.T. 0.016 min

Lab File: VU045891.D

Acq: 19 Nov 2021 13:48

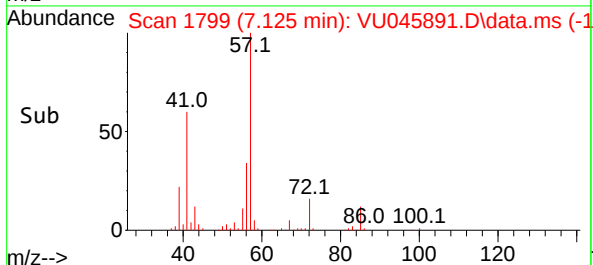
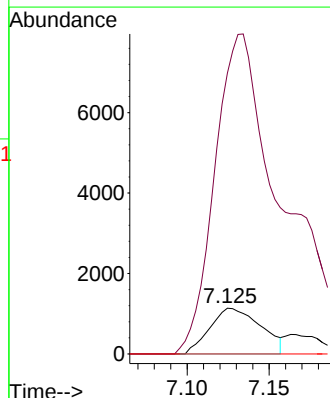
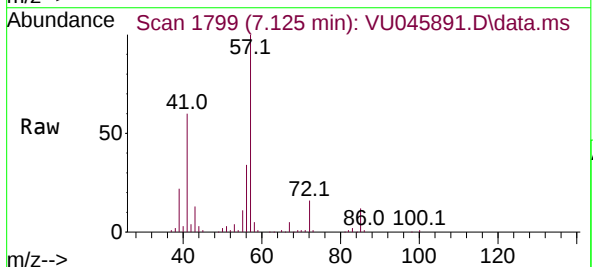
Tgt Ion: 83 Resp: 2461

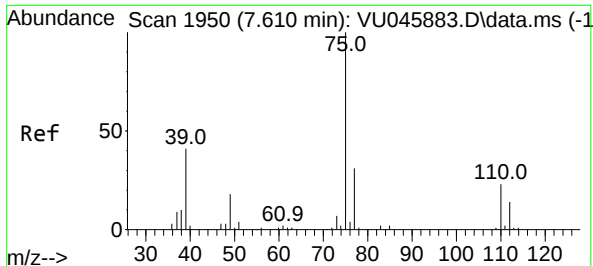
Ion Ratio Lower Upper

83 100

85 613.5 44.0 81.8#

127 0.0 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.568 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU045891.D

Acq: 19 Nov 2021 13:48

Instrument :

MSVOA\_U

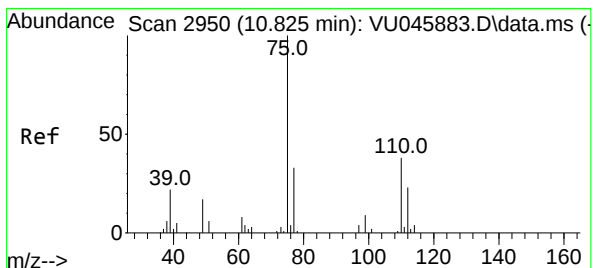
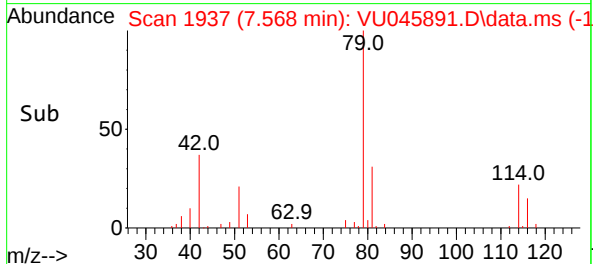
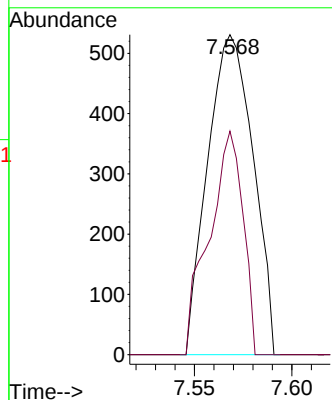
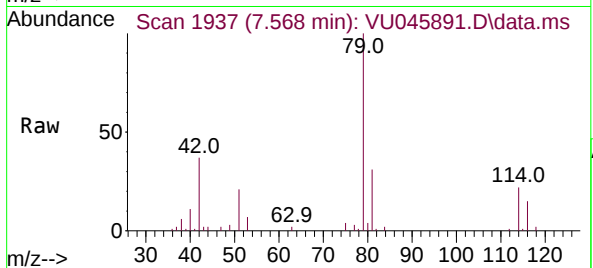
ClientSampleId :

Tgt Ion: 75 Resp: 862

Ion Ratio Lower Upper

75 100

77 69.9 22.5 41.9#



#61

1,2,3-Trichloropropane

Concen: 1.236 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU045891.D

Acq: 19 Nov 2021 13:48

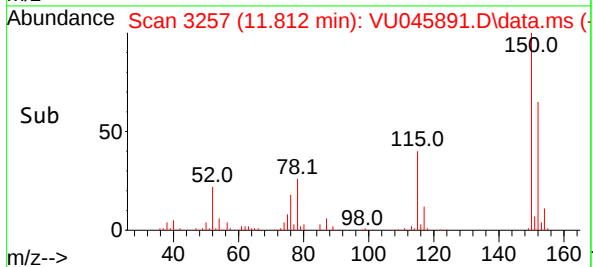
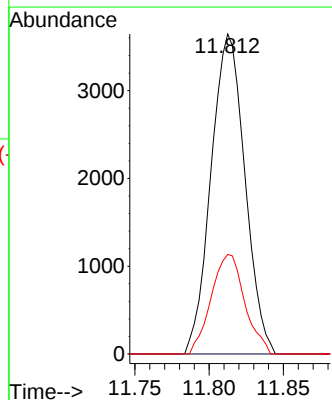
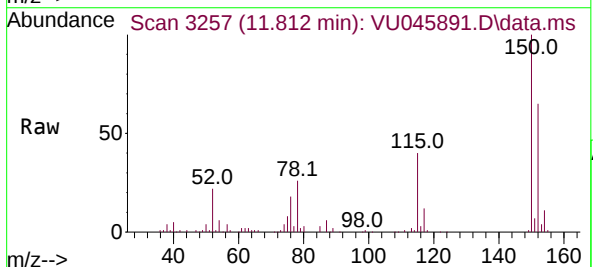
Tgt Ion: 75 Resp: 5781

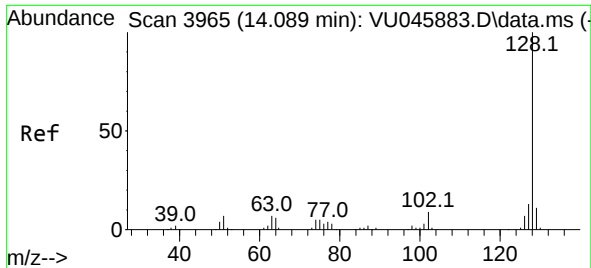
Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

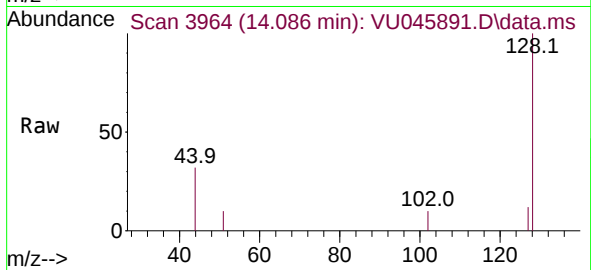
77 30.9 25.5 38.3





#71  
Naphthalene  
Concen: 0.103 ug/L  
RT: 14.086 min Scan# 3964  
Delta R.T. -0.003 min  
Lab File: VU045891.D  
Acq: 19 Nov 2021 13:48

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion:128 Resp: 1651  
Ion Ratio Lower Upper  
128 100  
129 4.3 8.4 12.6#  
127 7.6 10.2 15.2#

