

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111721\  
 Data File : VU045847.D  
 Acq On : 17 Nov 2021 18:04  
 Operator : SY/MD  
 Sample : M4664-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 18 02:22:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 18 02:11:55 2021  
 Response via : Initial Calibration

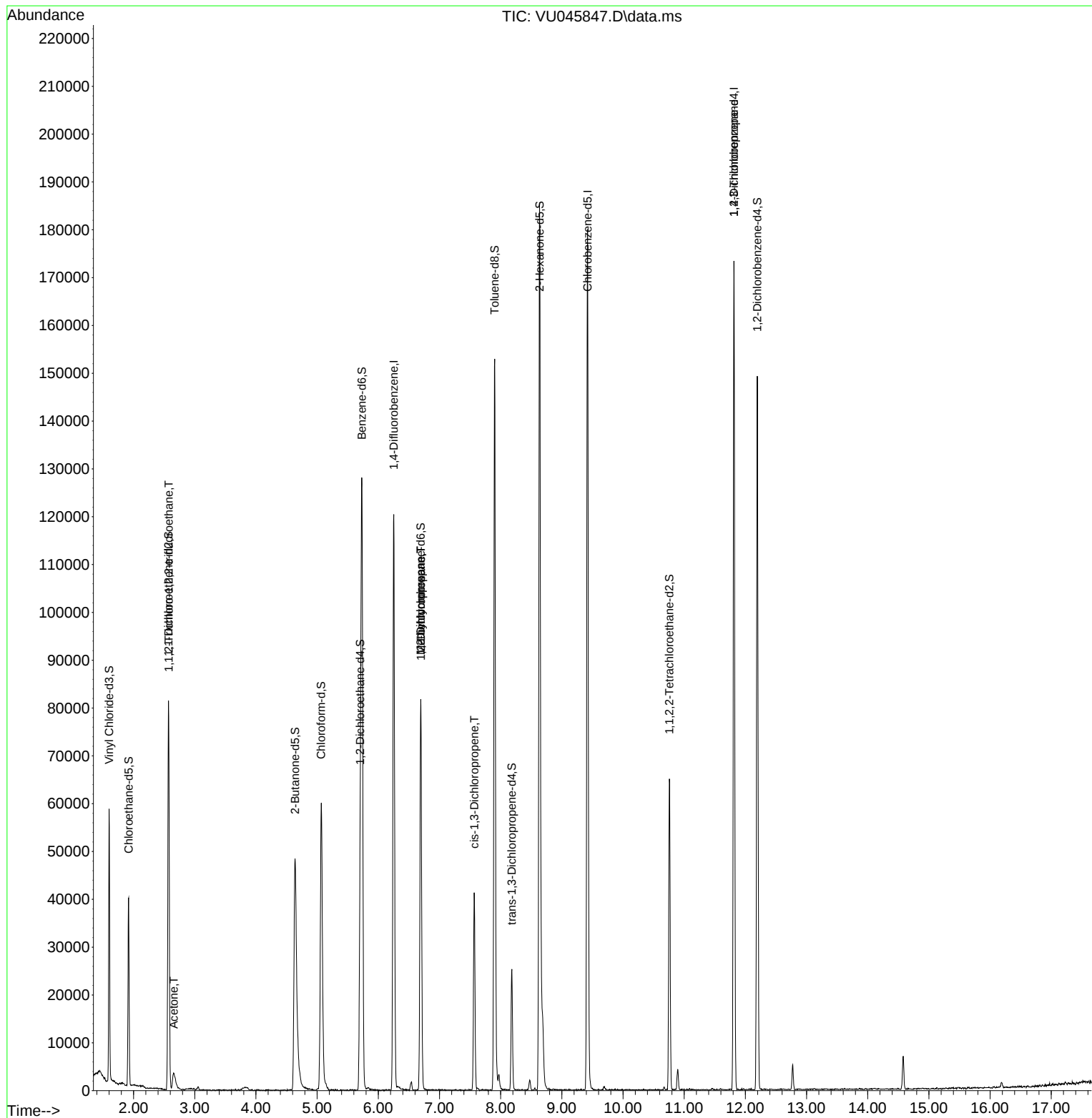
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 95072    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 101145   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 44982    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 38977    | 5.175    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 103.400% |
| 7) Chloroethane-d5            | 1.919  | 69    | 28909    | 5.272    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 105.400% |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 15299    | 4.843    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 96.800%  |
| 20) 2-Butanone-d5             | 4.639  | 46    | 95399    | 47.260   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 94.520%  |
| 24) Chloroform-d              | 5.067  | 84    | 53840    | 4.290    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 35703    | 4.849    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.000%  |
| 32) Benzene-d6                | 5.732  | 84    | 122509   | 4.398    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 38732    | 4.412    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 88.200%  |
| 41) Toluene-d8                | 7.902  | 98    | 103791   | 4.119    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.400%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 14110    | 3.959    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 79.200%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 64770    | 40.381   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 80.760%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 32949    | 4.443    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 88.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 38484    | 4.983    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.600%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575  | 101   | 313      | 0.050    | ug/L # | 21       |
| 13) Acetone                   | 2.658  | 43    | 8293     | 6.980    | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.694  | 83    | 8940     | 0.800    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.697  | 63    | 4158     | 0.560    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.568  | 75    | 1038     | 0.098    | ug/L # | 39       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 5874     | 1.258    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

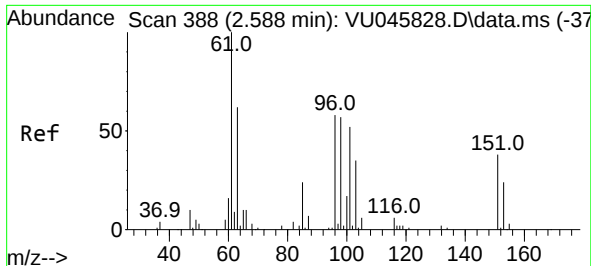
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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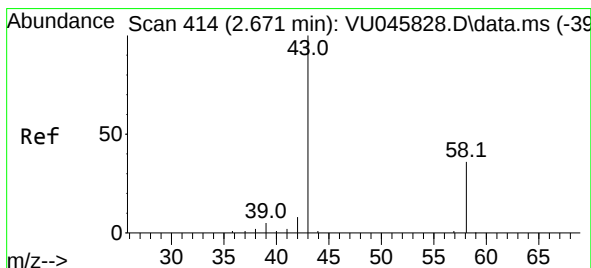
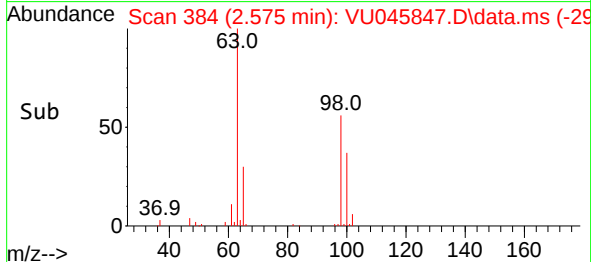
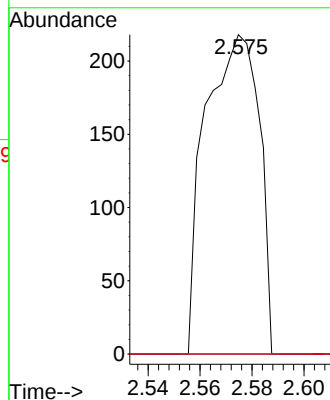
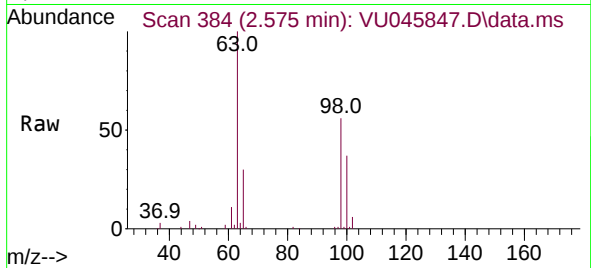




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.050 ug/L  
RT: 2.575 min Scan# 313  
Delta R.T. -0.013 min  
Lab File: VU045847.D  
Acq: 17 Nov 2021 18:04

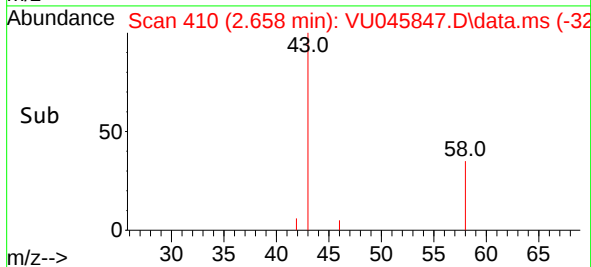
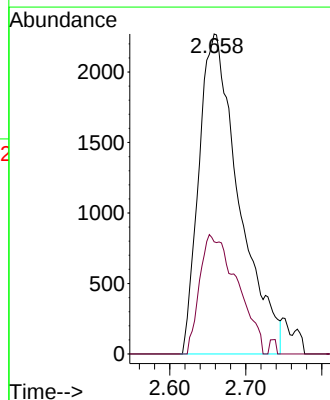
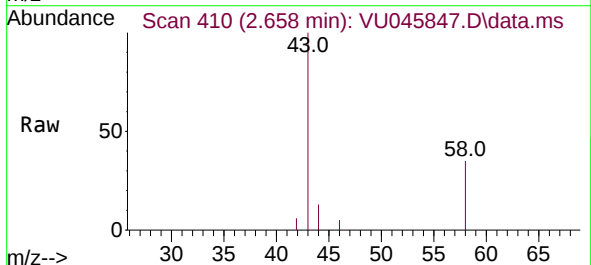
Instrument :  
MSVOA\_U  
ClientSampleId :

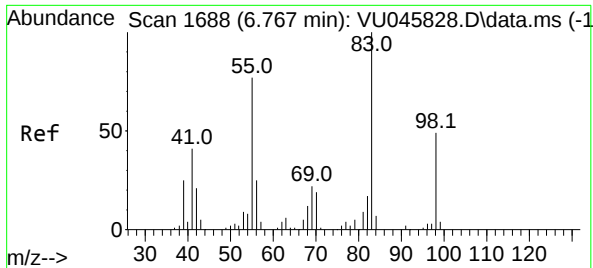
Tgt Ion:101 Resp: 313  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.6 51.8#  
151 0.0 56.1 84.1#



#13  
Acetone  
Concen: 6.980 ug/L  
RT: 2.658 min Scan# 410  
Delta R.T. -0.013 min  
Lab File: VU045847.D  
Acq: 17 Nov 2021 18:04

Tgt Ion: 43 Resp: 8293  
Ion Ratio Lower Upper  
43 100  
58 35.0 0.0 71.6

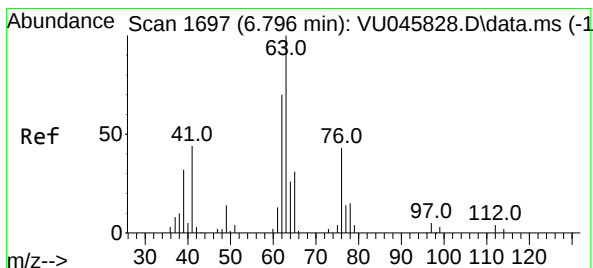
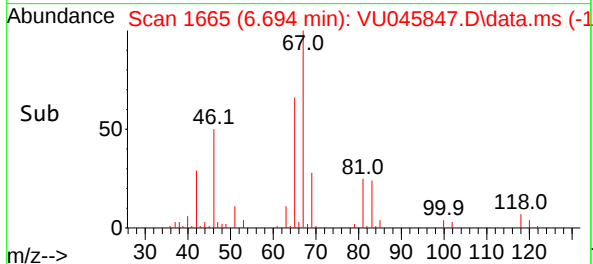
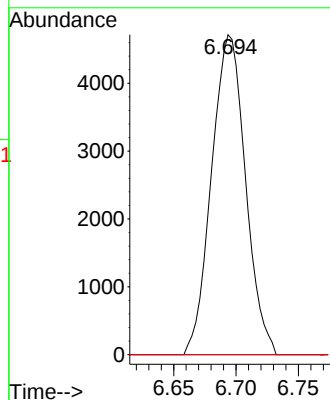
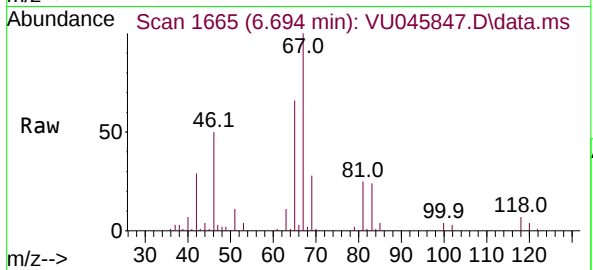




#35  
Methylcyclohexane  
Concen: 0.800 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.074 min  
Lab File: VU045847.D  
Acq: 17 Nov 2021 18:04

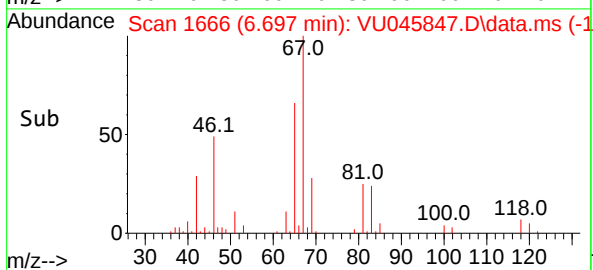
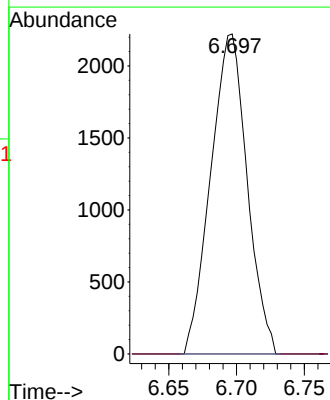
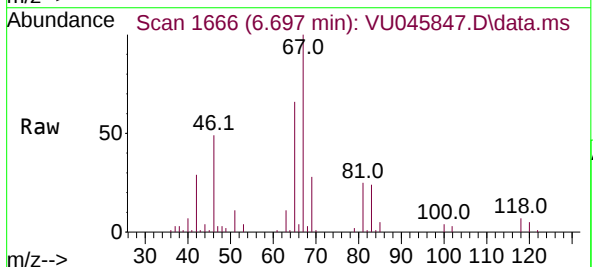
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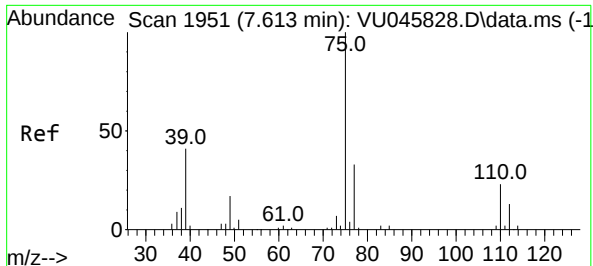
Tgt Ion: 83 Resp: 8940  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.9 92.9#  
98 0.6 39.0 58.6#



#37  
1,2-Dichloropropane  
Concen: 0.560 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.100 min  
Lab File: VU045847.D  
Acq: 17 Nov 2021 18:04

Tgt Ion: 63 Resp: 4158  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.568 min Scan# 1951

Delta R.T. -0.045 min

Lab File: VU045847.D

Acq: 17 Nov 2021 18:04

Instrument :

MSVOA\_U

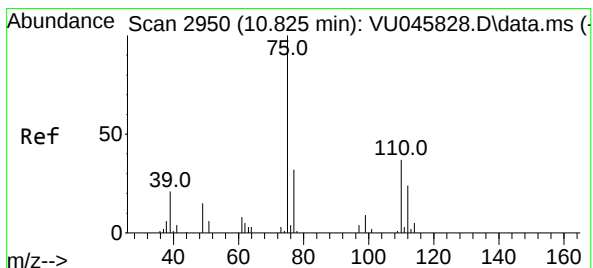
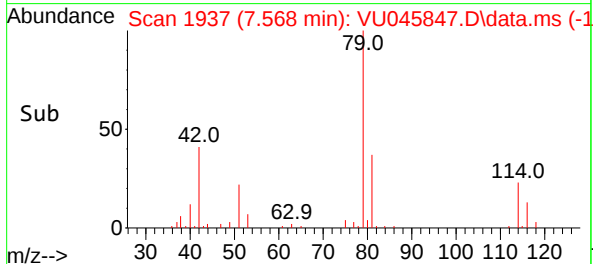
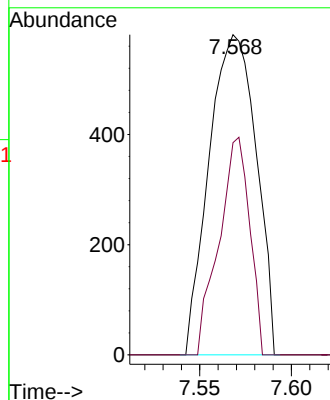
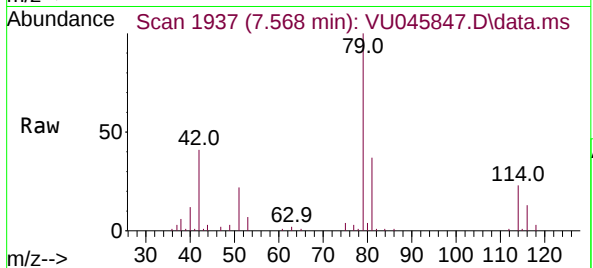
ClientSampleId :

Tgt Ion: 75 Resp: 1038

Ion Ratio Lower Upper

75 100

77 66.3 22.5 41.9#



#61

1,2,3-Trichloropropane

Concen: 1.258 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU045847.D

Acq: 17 Nov 2021 18:04

Tgt Ion: 75 Resp: 5874

Ion Ratio Lower Upper

75 100

110 1.8 29.9 44.9#

77 32.4 25.5 38.3

