

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111022\  
 Data File : VU051807.D  
 Acq On : 10 Nov 2022 17:51  
 Operator : JC/MD  
 Sample : N5571-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBMW1

Quant Time: Nov 11 00:40:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 11 00:38:34 2022  
 Response via : Initial Calibration

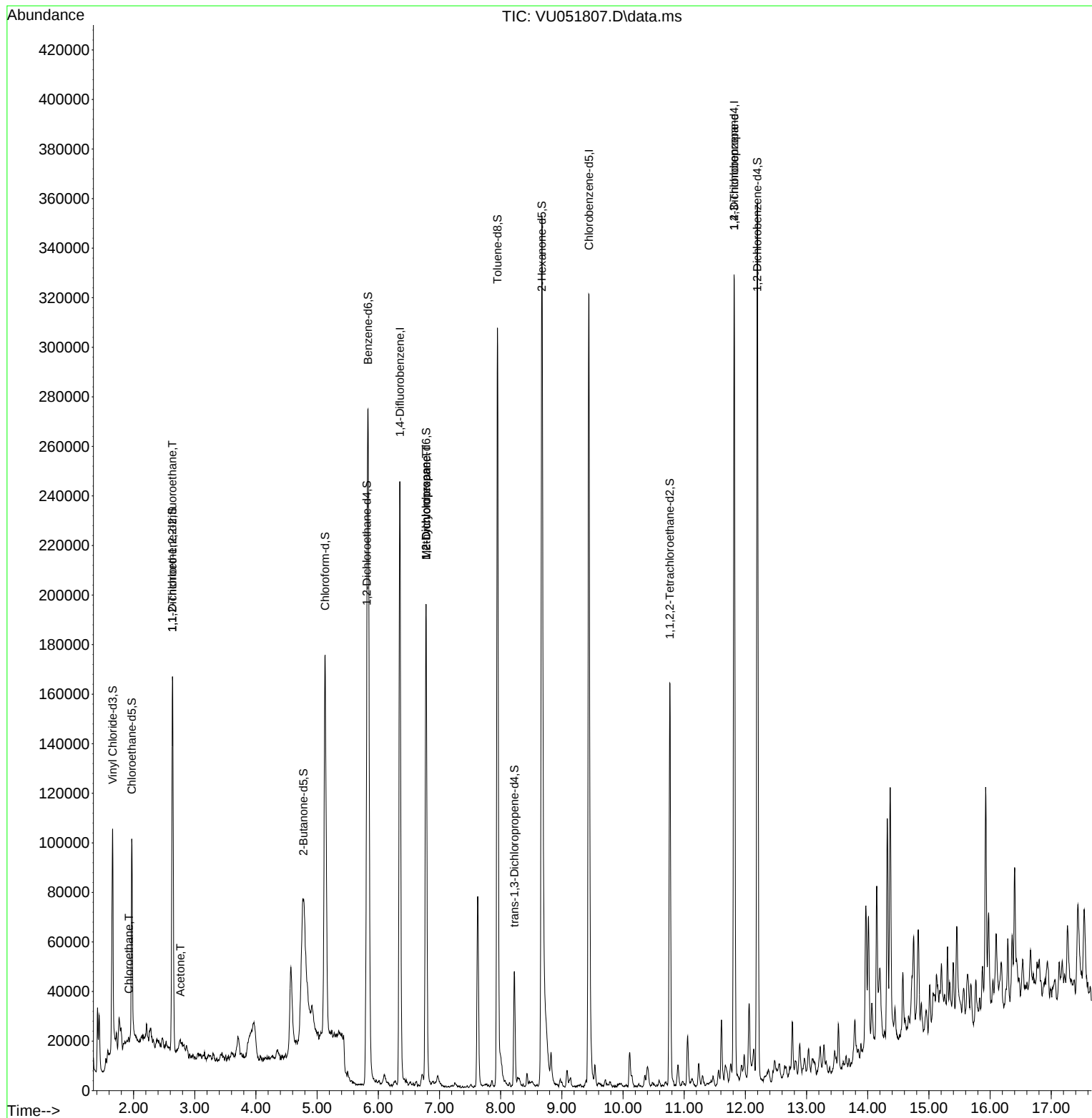
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.353  | 114   | 196501   | 5.000    | ug/L   | 0.10     |
| 28) Chlorobenzene-d5          | 9.443  | 117   | 198339   | 5.000    | ug/L   | 0.03     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816 | 152   | 92157    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.658  | 65    | 66241    | 4.476    | ug/L   | 0.06     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 89.600%  |
| 7) Chloroethane-d5            | 1.970  | 69    | 62295    | 4.036    | ug/L   | 0.06     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 80.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.636  | 65    | 30927    | 5.758    | ug/L   | 0.07     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 115.200% |
| 20) 2-Butanone-d5             | 4.774  | 46    | 217039   | 40.494   | ug/L   | 0.15     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 80.980%  |
| 24) Chloroform-d              | 5.131  | 84    | 146716   | 4.236    | ug/L   | 0.07     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.813  | 65    | 73562    | 3.932    | ug/L   | 0.11     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.600%  |
| 32) Benzene-d6                | 5.832  | 84    | 288159   | 4.604    | ug/L   | 0.11     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.780  | 67    | 96505    | 4.409    | ug/L   | 0.09     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 88.200%  |
| 41) Toluene-d8                | 7.948  | 98    | 209920   | 4.265    | ug/L   | 0.05     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.200%  |
| 43) trans-1,3-Dichloroprop... | 8.224  | 79    | 27459    | 4.103    | ug/L   | 0.05     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.000%  |
| 46) 2-Hexanone-d5             | 8.674  | 63    | 147505   | 36.616   | ug/L   | 0.04     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 73.240%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.767 | 84    | 86100    | 4.293    | ug/L   | 0.01     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 85.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 95772    | 5.662    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 113.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 8) Chloroethane               | 1.922  | 64    | 12122    | 0.769    | ug/L # | 53       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.636  | 101   | 712      | 0.043    | ug/L # | 19       |
| 13) Acetone                   | 2.768  | 43    | 9678     | 3.559    | ug/L   | 50       |
| 35) Methylcyclohexane         | 6.780  | 83    | 22231    | 0.851    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.780  | 63    | 9722     | 0.483    | ug/L # | 88       |
| 61) 1,2,3-Trichloropropane    | 11.816 | 75    | 11291    | 0.947    | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

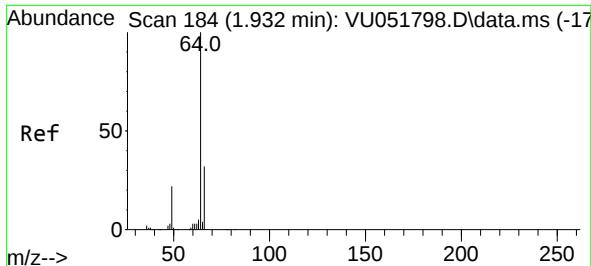
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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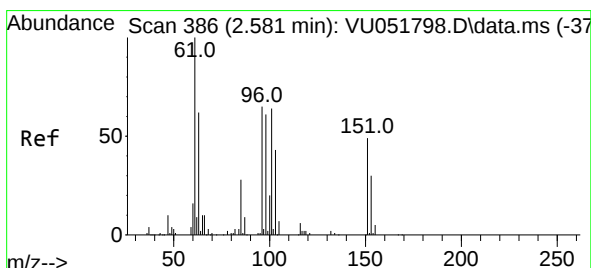
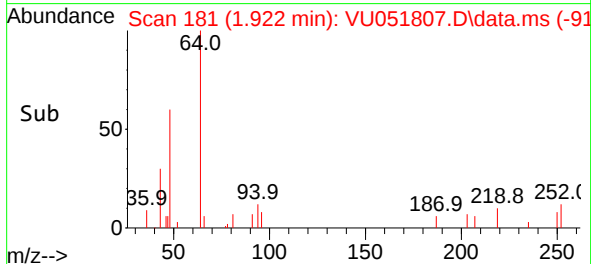
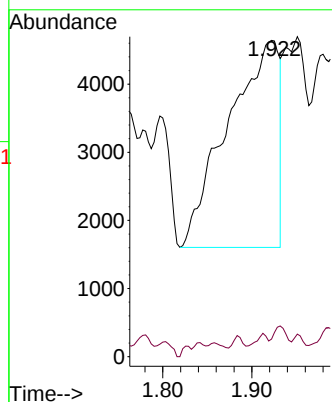
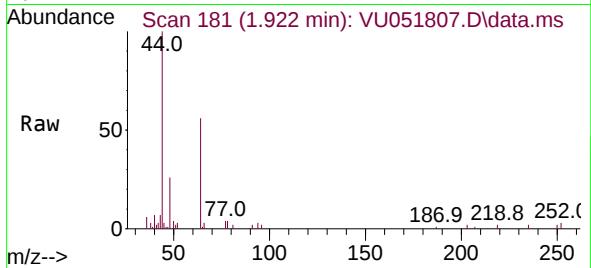




#8  
Chloroethane  
Concen: 0.769 ug/L  
RT: 1.922 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: VU051807.D  
Acq: 10 Nov 2022 17:51

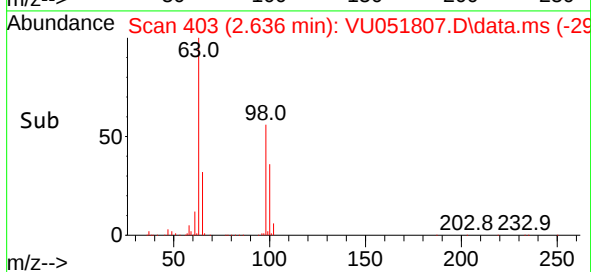
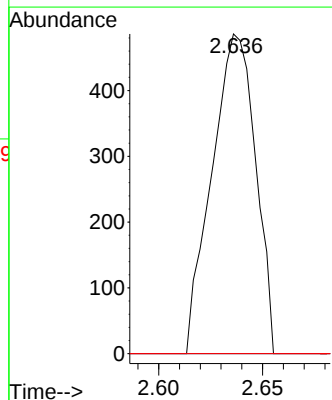
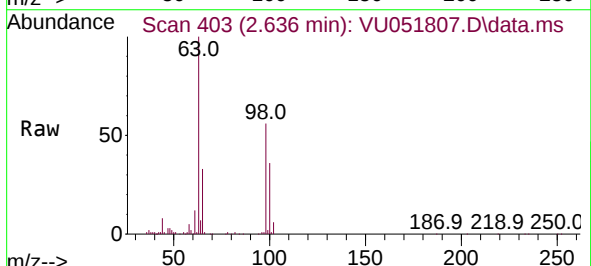
Instrument :  
MSVOA\_U  
ClientSampleId :  
GBMW1

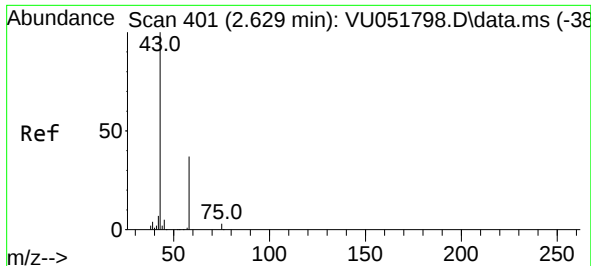
Tgt Ion: 64 Resp: 12122  
Ion Ratio Lower Upper  
64 100  
66 5.6 22.3 41.5#



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.043 ug/L  
RT: 2.636 min Scan# 403  
Delta R.T. 0.055 min  
Lab File: VU051807.D  
Acq: 10 Nov 2022 17:51

Tgt Ion: 101 Resp: 712  
Ion Ratio Lower Upper  
101 100  
85 0.0 35.6 53.4#  
151 0.0 59.6 89.4#

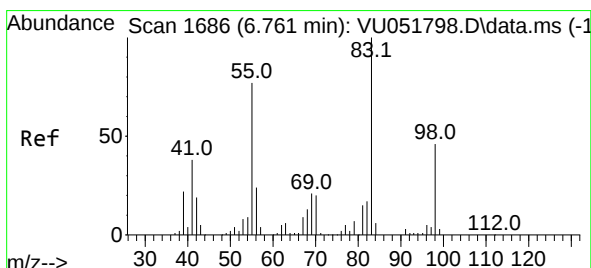
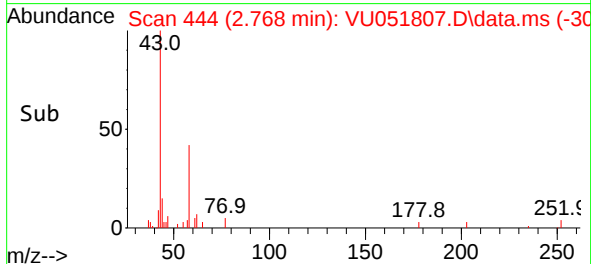
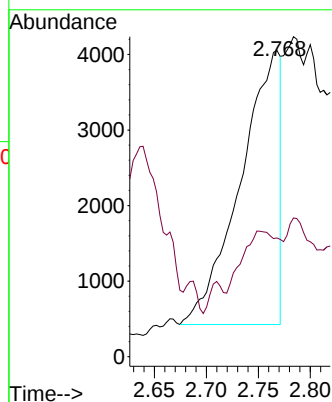
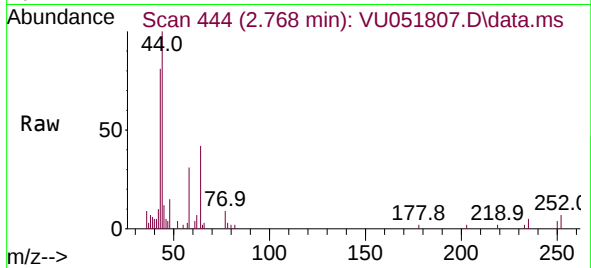




#13  
Acetone  
Concen: 3.559 ug/L  
RT: 2.768 min Scan# 444  
Delta R.T. 0.138 min  
Lab File: VU051807.D  
Acq: 10 Nov 2022 17:51

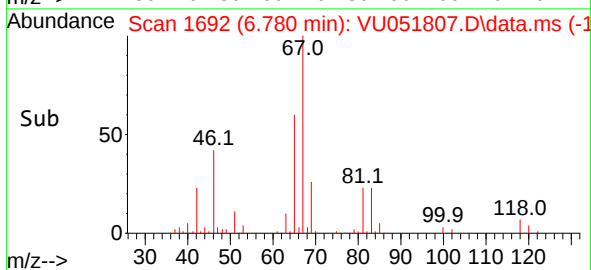
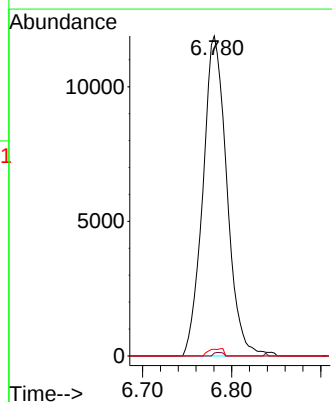
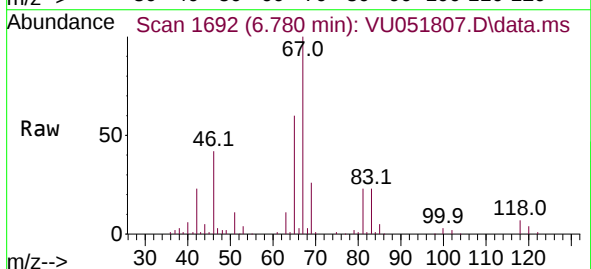
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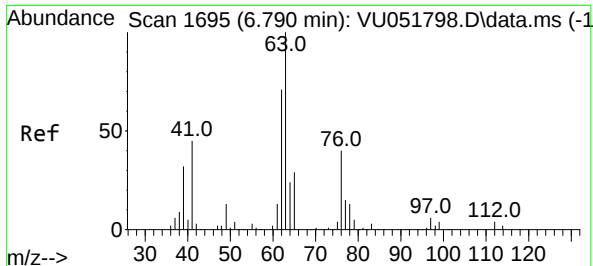
Tgt Ion: 43 Resp: 9678  
Ion Ratio Lower Upper  
43 100  
58 7.2 0.0 73.8



#35  
Methylcyclohexane  
Concen: 0.851 ug/L  
RT: 6.780 min Scan# 1692  
Delta R.T. 0.019 min  
Lab File: VU051807.D  
Acq: 10 Nov 2022 17:51

Tgt Ion: 83 Resp: 22231  
Ion Ratio Lower Upper  
83 100  
55 0.4 60.6 90.8#  
98 1.4 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.483 ug/L

RT: 6.780 min Scan# 1

Delta R.T. -0.009 min

Lab File: VU051807.D

Acq: 10 Nov 2022 17:51

Instrument :

MSVOA\_U

ClientSampleId :

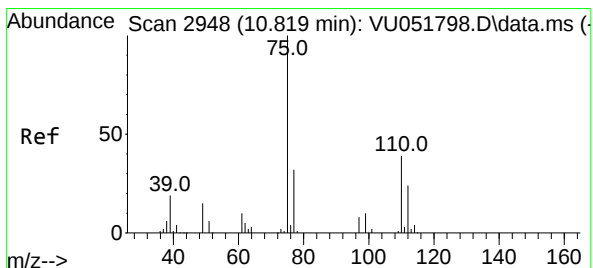
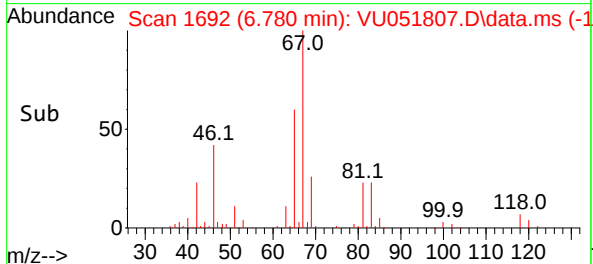
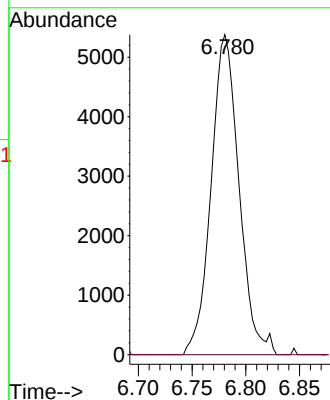
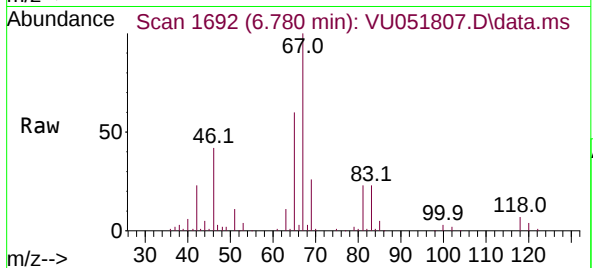
GBMW1

Tgt Ion: 63 Resp: 9722

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 0.947 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.997 min

Lab File: VU051807.D

Acq: 10 Nov 2022 17:51

Tgt Ion: 75 Resp: 11291

Ion Ratio Lower Upper

75 100

110 2.7 28.7 43.1#

77 33.4 26.1 39.1

