

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011521\  
 Data File : VU042067.D  
 Acq On : 15 Jan 2021 12:49  
 Operator : SY/MD  
 Sample : M1129-03DL 5X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFT62DL

Quant Time: Jan 16 01:08:56 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR011321WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jan 16 01:05:16 2021  
 Response via : Initial Calibration

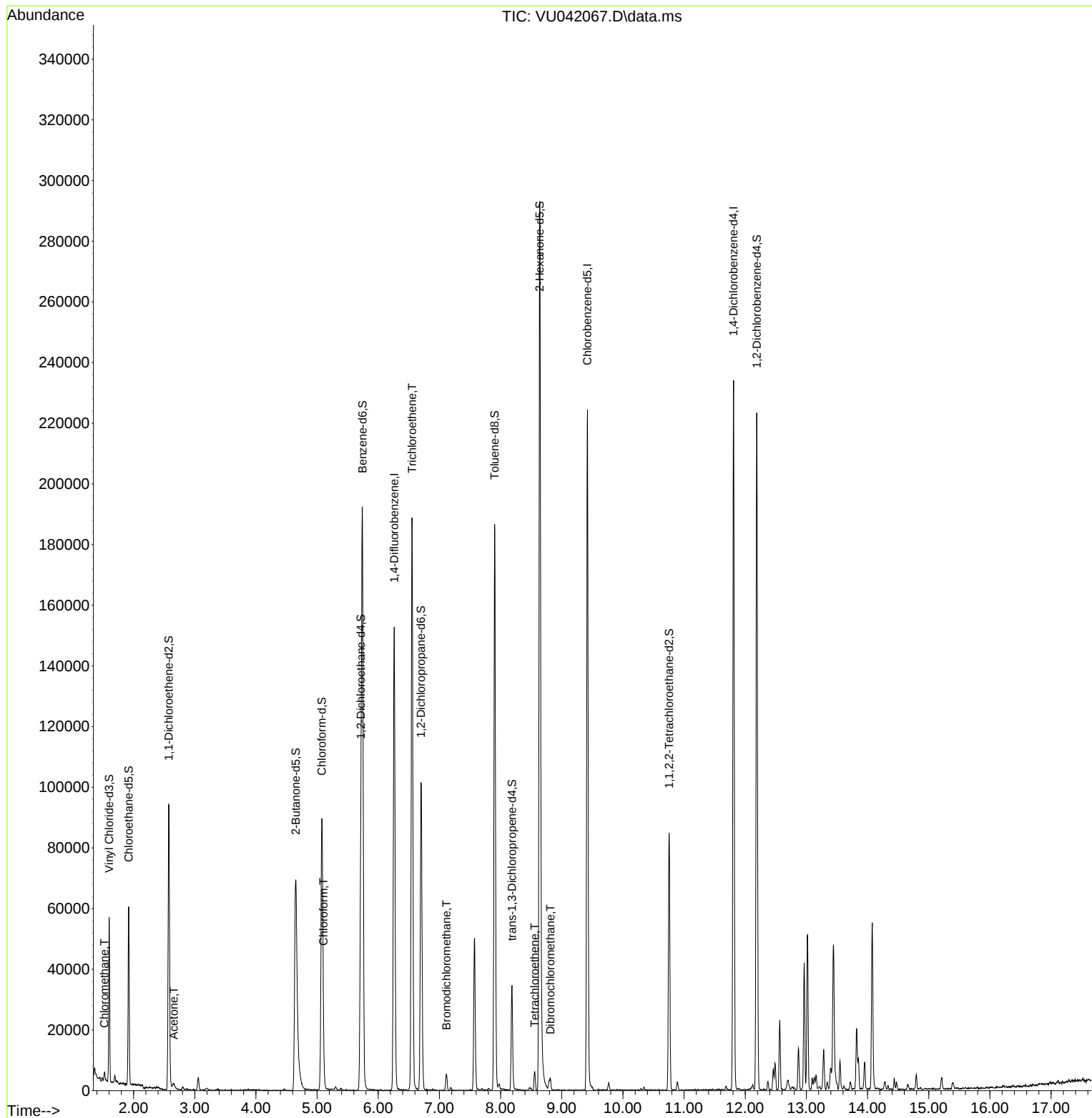
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.263  | 114   | 123295   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 124300   | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 62447    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 36061    | 3.87     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.40%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 42050    | 4.77     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.40%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63    | 56812    | 3.03     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 60.60%   |
| 20) 2-Butanone-d5             | 4.652  | 46    | 128375   | 41.12    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 82.24%   |
| 24) Chloroform-d              | 5.076  | 84    | 84576    | 4.44     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.80%   |
| 26) 1,2-Dichloroethane-d4     | 5.716  | 65    | 52981    | 5.10     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.00%  |
| 32) Benzene-d6                | 5.742  | 84    | 173691   | 4.32     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.40%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 48647    | 3.69     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 73.80%   |
| 41) Toluene-d8                | 7.903  | 98    | 125423   | 3.49     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 69.80%#  |
| 43) trans-1,3-Dichloroprop... | 8.186  | 79    | 20238    | 3.82     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 76.40%   |
| 46) 2-Hexanone-d5             | 8.639  | 63    | 113158   | 41.67    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 83.34%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.755 | 84    | 44105    | 4.40     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 88.00%   |
| 64) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 56974    | 4.84     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.80%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.523  | 50    | 1558     | 0.11     | ug/L   | 99       |
| 13) Acetone                   | 2.658  | 43    | 3897     | 2.00     | ug/L   | 98       |
| 25) Chloroform                | 5.102  | 83    | 6023     | 0.31     | ug/L   | 86       |
| 34) Trichloroethene           | 6.552  | 95    | 65965    | 5.74     | ug/L   | 95       |
| 38) Bromodichloromethane      | 7.115  | 83    | 3729     | 0.24     | ug/L # | 90       |
| 47) Tetrachloroethene         | 8.559  | 164   | 1461     | 0.20     | ug/L   | 83       |
| 49) Dibromochloromethane      | 8.816  | 129   | 2206     | 0.24     | ug/L   | 90       |
| -----                         |        |       |          |          |        |          |

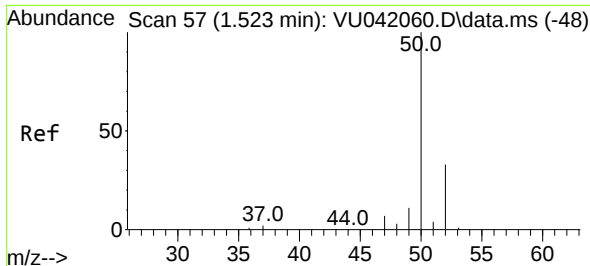
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
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Response via : Initial Calibration

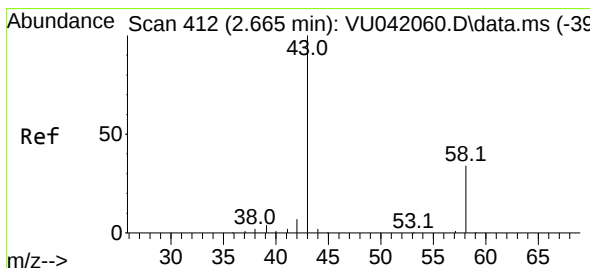
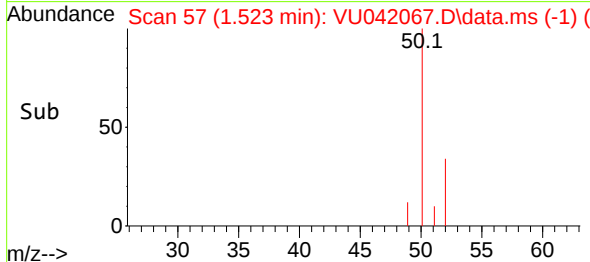
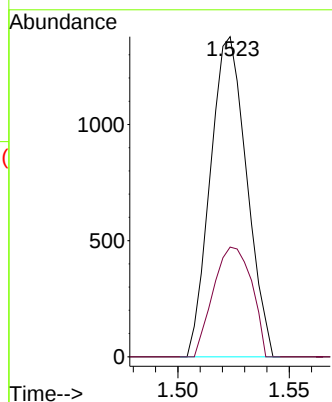
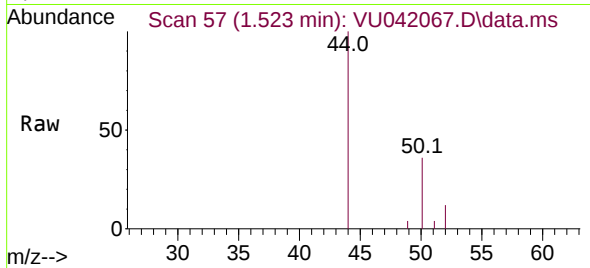




#3  
Chloromethane  
Concen: 0.11 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU042067.D  
Acq: 15 Jan 2021 12:49

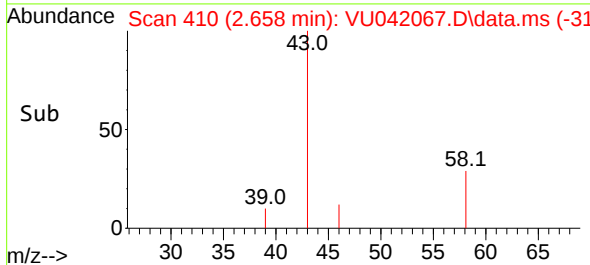
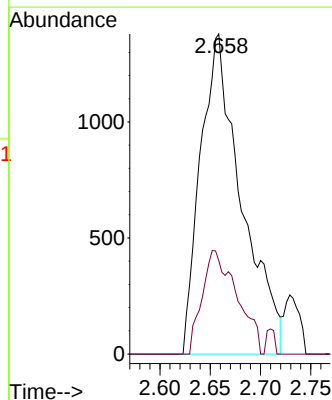
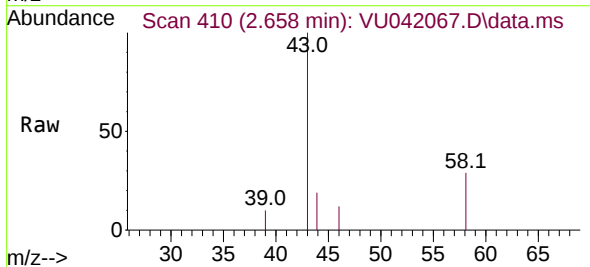
Instrument :  
MSVOA\_U  
ClientSampled :  
BFT62DL

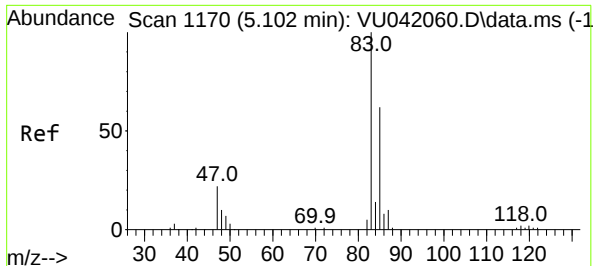
Tgt Ion: 50 Resp: 1558  
Ion Ratio Lower Upper  
50 100  
52 34.3 23.5 43.7



#13  
Acetone  
Concen: 2.00 ug/L  
RT: 2.658 min Scan# 410  
Delta R.T. -0.006 min  
Lab File: VU042067.D  
Acq: 15 Jan 2021 12:49

Tgt Ion: 43 Resp: 3897  
Ion Ratio Lower Upper  
43 100  
58 27.6 0.0 57.4





#25

Chloroform

Concen: 0.31 ug/L

RT: 5.102 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VU042067.D

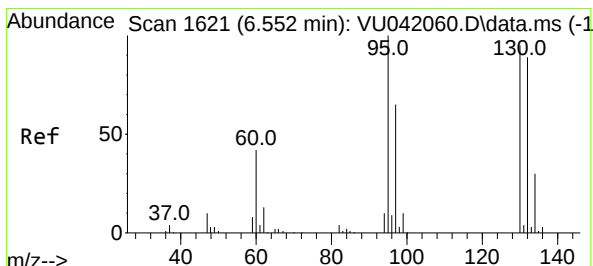
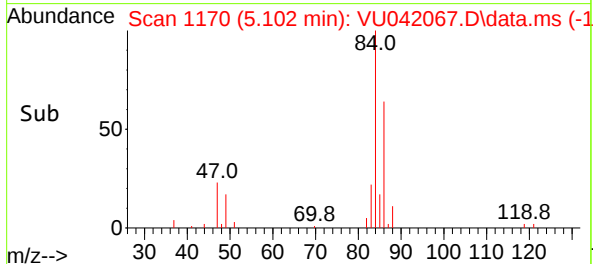
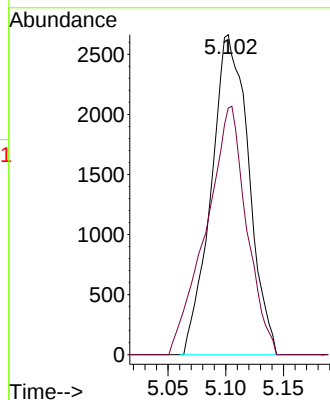
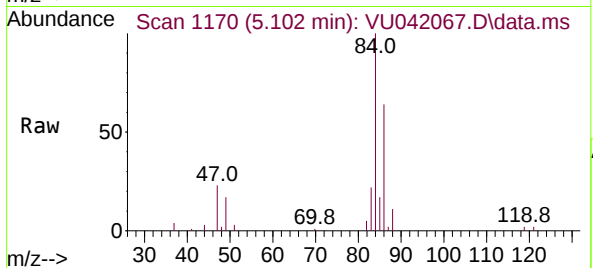
Acq: 15 Jan 2021 12:49

Tgt Ion: 83 Resp: 6023

Ion Ratio Lower Upper

83 100

85 77.1 46.1 85.7



#34

Trichloroethene

Concen: 5.74 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VU042067.D

Acq: 15 Jan 2021 12:49

Tgt Ion: 95 Resp: 65965

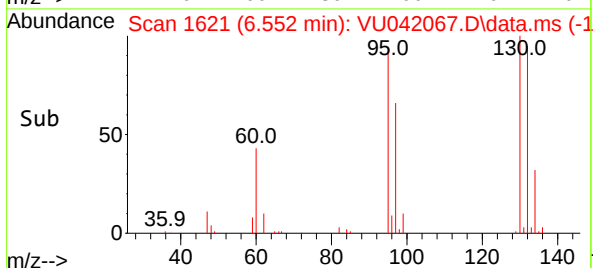
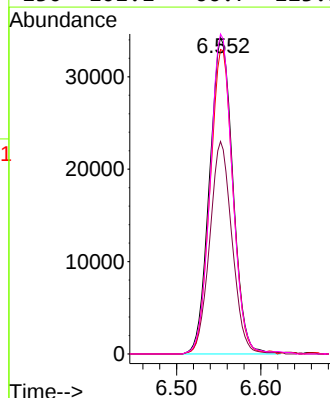
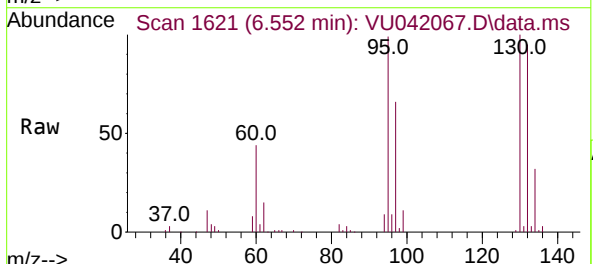
Ion Ratio Lower Upper

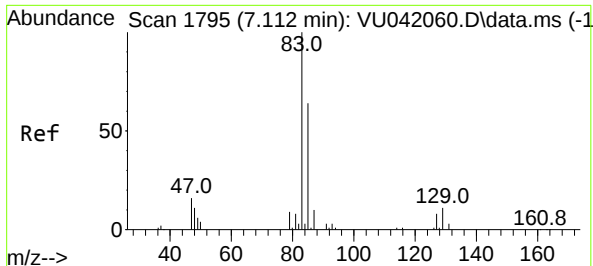
95 100

97 67.1 43.6 81.0

132 96.1 64.3 119.3

130 101.1 66.7 123.9

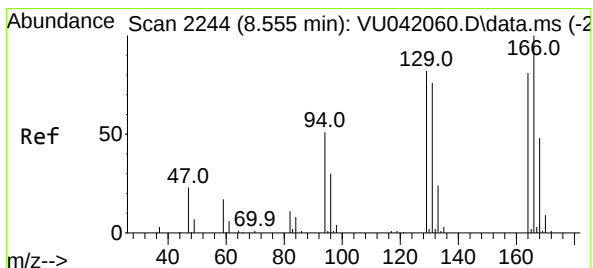
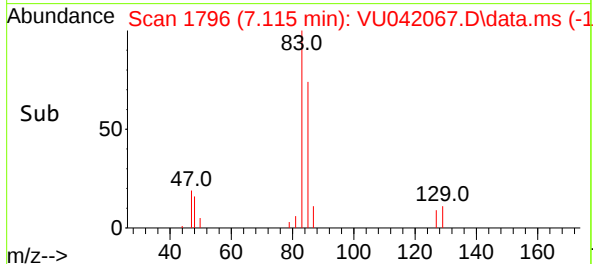
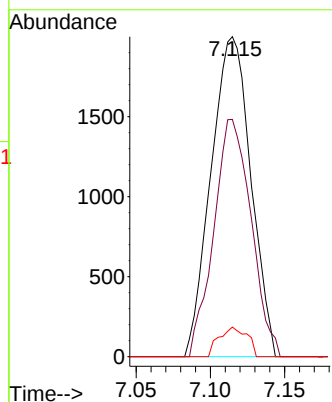
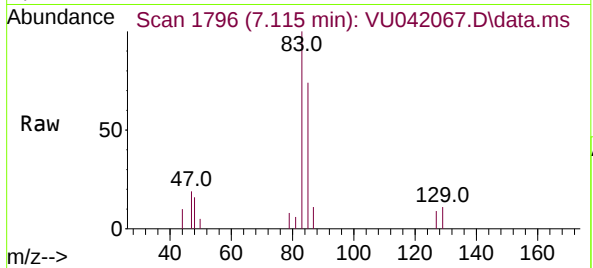




#38  
Bromodichloromethane  
Concen: 0.24 ug/L  
RT: 7.115 min Scan# 1796  
Delta R.T. 0.003 min  
Lab File: VU042067.D  
Acq: 15 Jan 2021 12:49

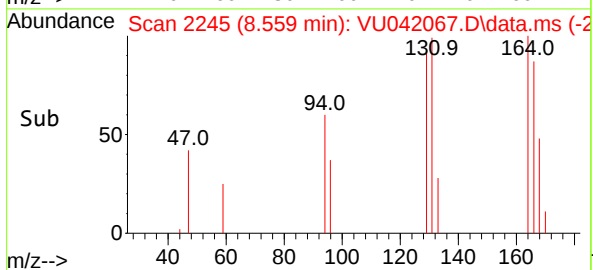
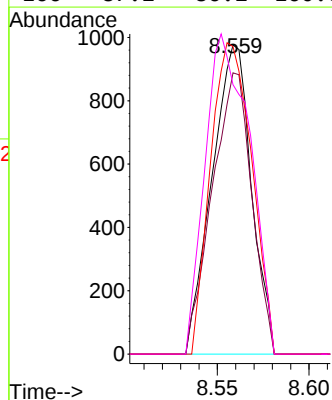
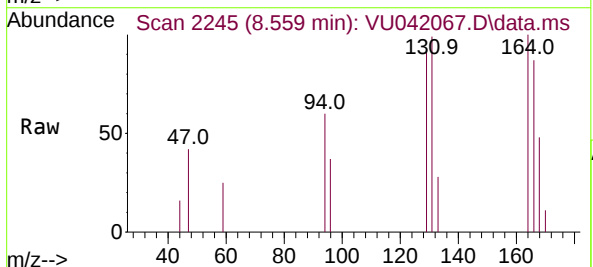
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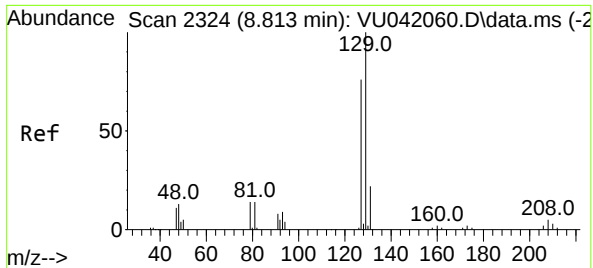
Tgt Ion: 83 Resp: 3729  
Ion Ratio Lower Upper  
83 100  
85 74.2 45.8 85.0  
127 9.3 6.1 9.1#



#47  
Tetrachloroethene  
Concen: 0.20 ug/L  
RT: 8.559 min Scan# 2245  
Delta R.T. 0.003 min  
Lab File: VU042067.D  
Acq: 15 Jan 2021 12:49

Tgt Ion: 164 Resp: 1461  
Ion Ratio Lower Upper  
164 100  
129 91.0 68.7 127.5  
131 99.5 65.2 121.0  
166 87.2 86.2 160.0





#49  
 Dibromochloromethane  
 Concen: 0.24 ug/L  
 RT: 8.816 min Scan# 2325  
 Delta R.T. 0.003 min  
 Lab File: VU042067.D  
 Acq: 15 Jan 2021 12:49

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFT62DL

Tgt Ion:129 Resp: 2206  
 Ion Ratio Lower Upper  
 129 100  
 127 67.7 53.7 99.7

