

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081122\  
 Data File : VU050241.D  
 Acq On : 11 Aug 2022 19:36  
 Operator : SY/MD  
 Sample : N4160-15  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

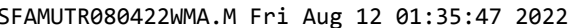
Instrument :  
 MSVOA\_U  
 ClientSampleId :

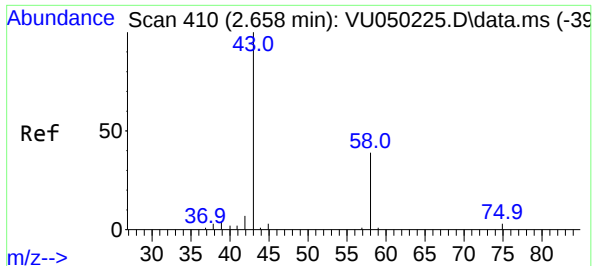
Quant Time: Aug 12 01:35:31 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Aug 12 01:30:48 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114   | 82603    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 84541    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 31331    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 0.000  | 65    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 0.000%#  |
| 7) Chloroethane-d5            | 1.909  | 69    | 30978    | 5.586    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 111.800% |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 102      | 0.038    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 0.800%#  |
| 20) 2-Butanone-d5             | 4.642  | 46    | 94706    | 56.495   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 113.000% |
| 24) Chloroform-d              | 5.067  | 84    | 66265    | 5.182    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 103.600% |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 35898    | 5.468    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 109.400% |
| 32) Benzene-d6                | 5.729  | 84    | 125898   | 4.772    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 44132    | 5.080    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.600% |
| 41) Toluene-d8                | 7.899  | 98    | 1219     | 0.052    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 1.000%#  |
| 43) trans-1,3-Dichloroprop... | 0.000  | 79    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 0.000%#  |
| 46) 2-Hexanone-d5             | 8.639  | 63    | 51486    | 46.636   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 38737    | 5.077    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 101.600% |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 34274    | 5.583    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 111.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.652  | 43    | 4232     | 4.533    | ug/L   | 96       |
| 25) Chloroform                | 5.089  | 83    | 5503     | 0.426    | ug/L   | 92       |
| 34) Trichloroethene           | 6.539  | 95    | 1933     | 0.270    | ug/L   | 84       |
| 35) Methylcyclohexane         | 6.694  | 83    | 9755     | 1.055    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.694  | 63    | 4390     | 0.556    | ug/L # | 89       |
| 38) Bromodichloromethane      | 7.108  | 83    | 10124    | 1.056    | ug/L   | 97       |
| 49) Dibromochloromethane      | 8.812  | 129   | 14268    | 2.186    | ug/L   | 98       |
| 59) Bromoform                 | 10.291 | 173   | 6878     | 2.189    | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 3860     | 0.904    | ug/L # | 66       |
| 69) 1,3,5-Trichlorobenzene    | 12.224 | 180   | 823      | 0.110    | ug/L # | 18       |
| -----                         |        |       |          |          |        |          |

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

Quant Time: Aug 12 01:35:31 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080422WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Aug 12 01:30:48 2022  
Response via : Initial Calibration





#13

Acetone

Concen: 4.533 ug/L

RT: 2.652 min Scan# 410

Delta R.T. -0.006 min

Lab File: VU050241.D

Acq: 11 Aug 2022 19:36

Instrument :

MSVOA\_U

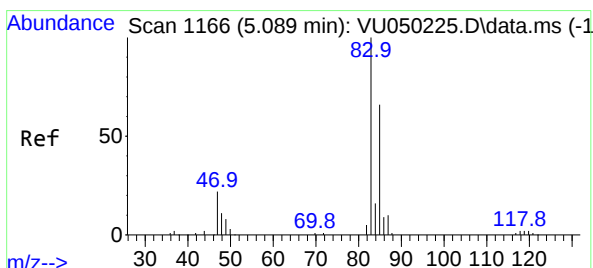
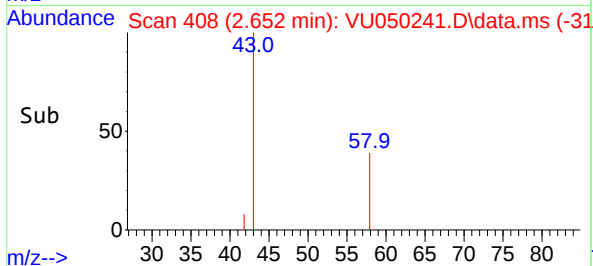
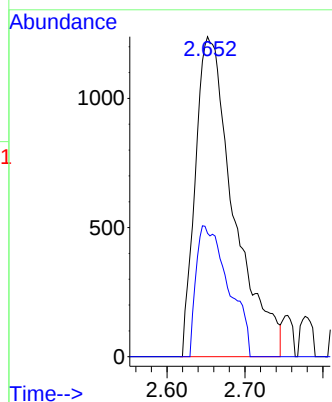
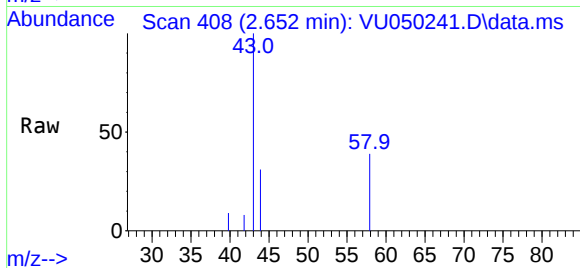
ClientSampleId :

Tgt Ion: 43 Resp: 4232

Ion Ratio Lower Upper

43 100

58 34.3 0.0 64.0



#25

Chloroform

Concen: 0.426 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050241.D

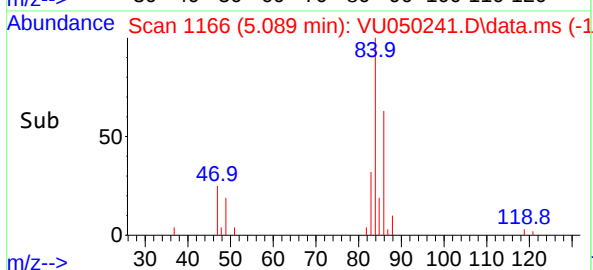
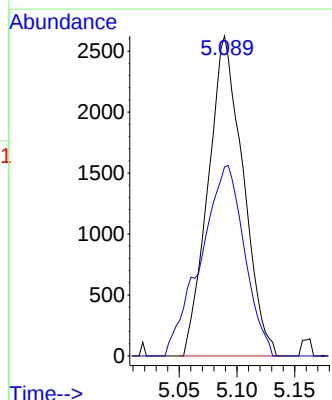
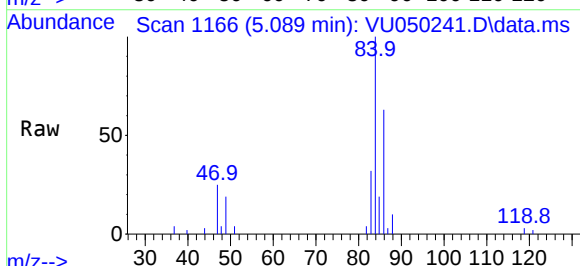
Acq: 11 Aug 2022 19:36

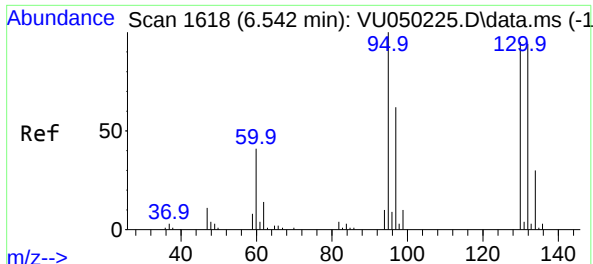
Tgt Ion: 83 Resp: 5503

Ion Ratio Lower Upper

83 100

85 59.1 46.1 85.5



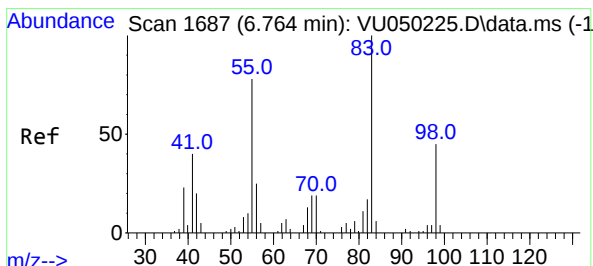
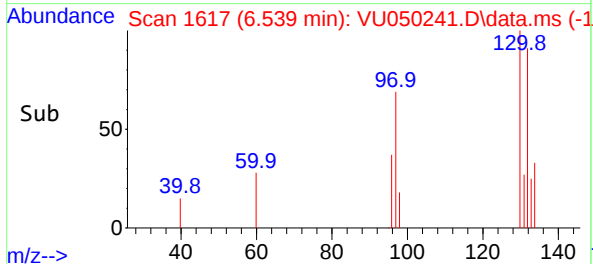
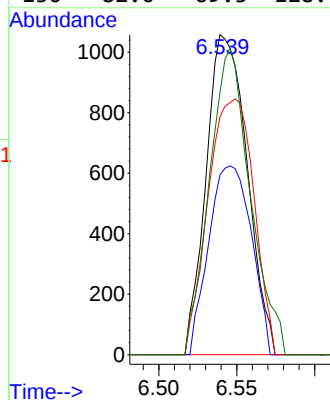
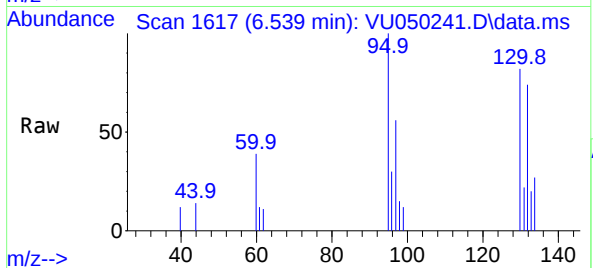


#34  
Trichloroethene  
Concen: 0.270 ug/L  
RT: 6.539 min Scan# 1665  
Delta R.T. -0.003 min  
Lab File: VU050241.D  
Acq: 11 Aug 2022 19:36

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 95 Resp: 1933

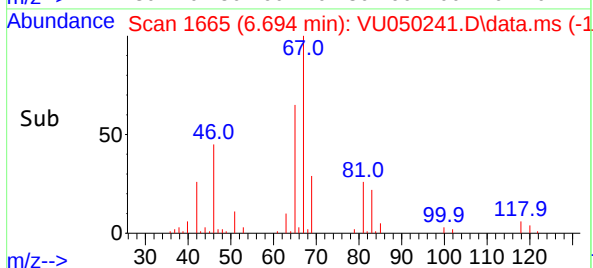
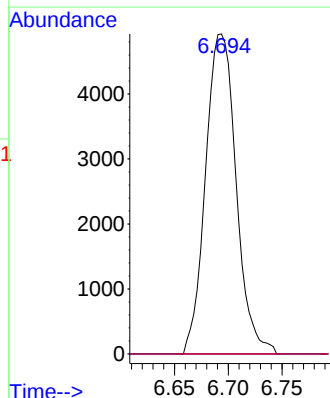
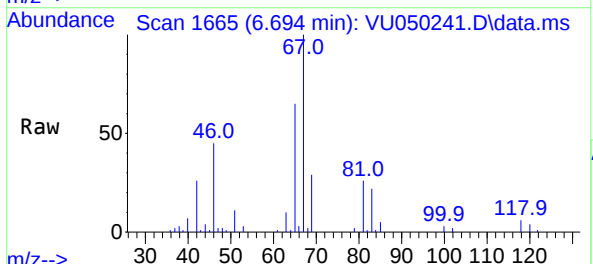
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 56.2  | 45.6  | 84.8  |
| 132 | 74.4  | 65.0  | 120.6 |
| 130 | 82.0  | 69.3  | 128.7 |

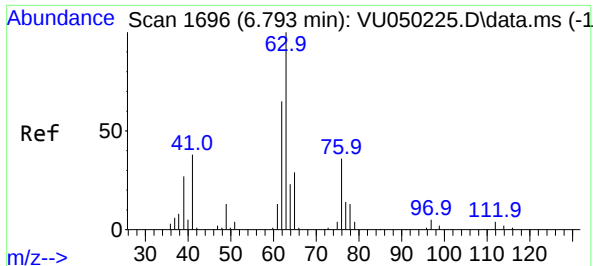


#35  
Methylcyclohexane  
Concen: 1.055 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.071 min  
Lab File: VU050241.D  
Acq: 11 Aug 2022 19:36

Tgt Ion: 83 Resp: 9755

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.0   | 62.7  | 94.1# |
| 98  | 1.1   | 36.2  | 54.2# |

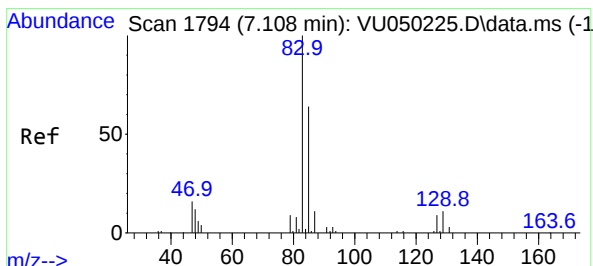
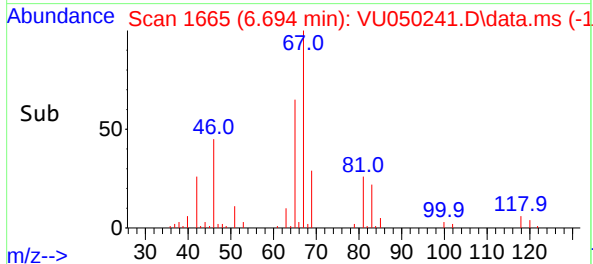
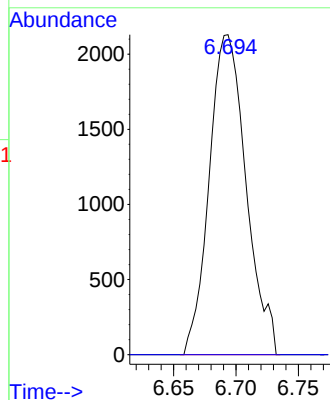
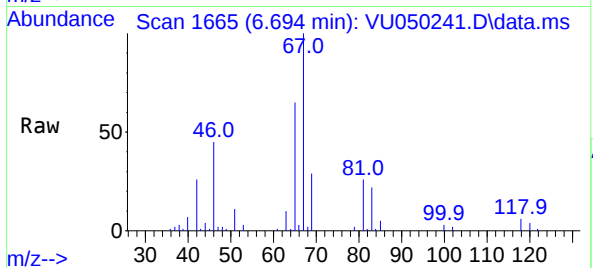




#37  
1,2-Dichloropropane  
Concen: 0.556 ug/L  
RT: 6.694 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU050241.D  
Acq: 11 Aug 2022 19:36

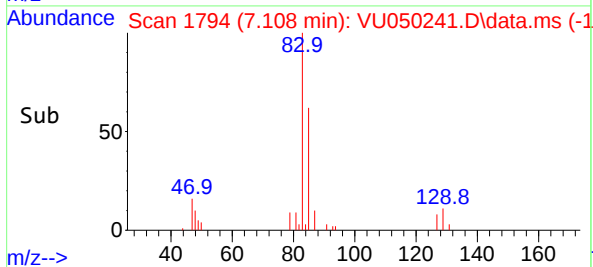
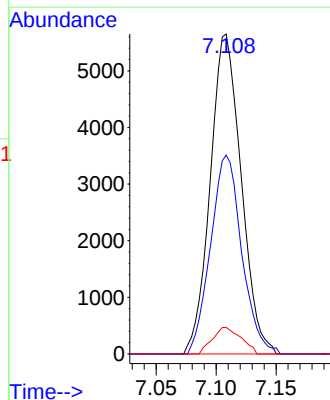
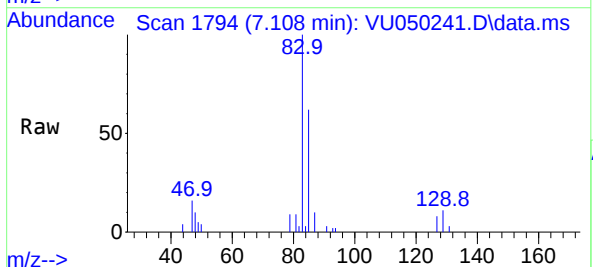
Instrument :  
MSVOA\_U  
ClientSampleId :

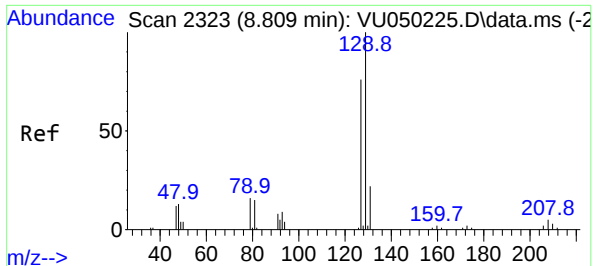
Tgt Ion: 63 Resp: 4390  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#



#38  
Bromodichloromethane  
Concen: 1.056 ug/L  
RT: 7.108 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VU050241.D  
Acq: 11 Aug 2022 19:36

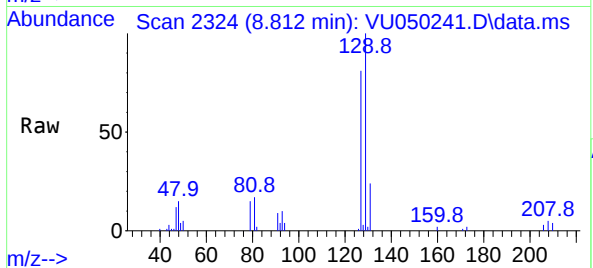
Tgt Ion: 83 Resp: 10124  
Ion Ratio Lower Upper  
83 100  
85 62.1 45.1 83.7  
127 8.3 6.8 10.2



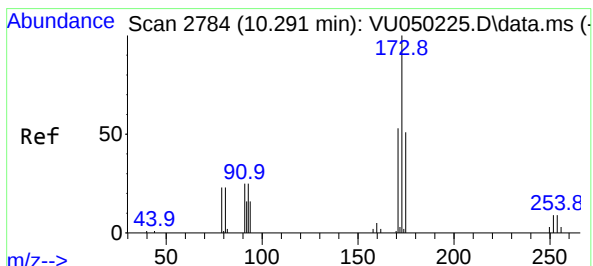
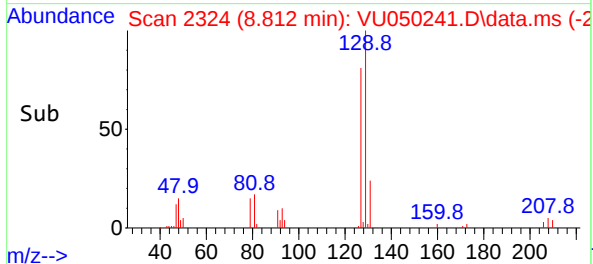
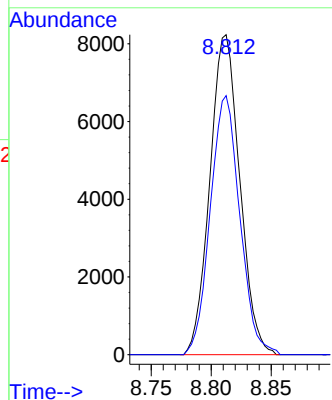


#49  
Dibromochloromethane  
Concen: 2.186 ug/L  
RT: 8.812 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU050241.D  
Acq: 11 Aug 2022 19:36

Instrument :  
MSVOA\_U  
ClientSampleId :

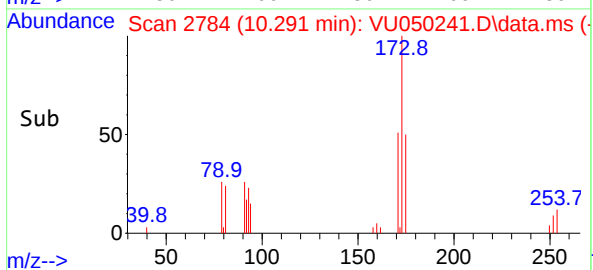
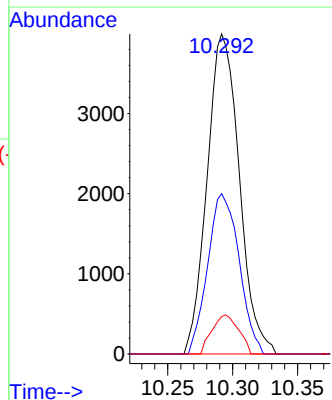
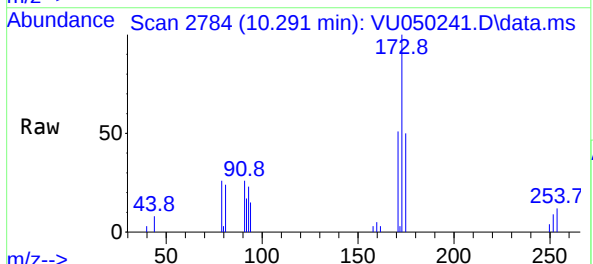


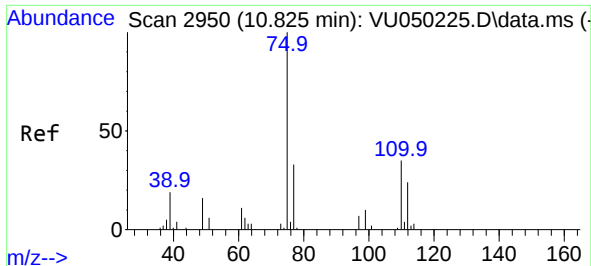
Tgt Ion:129 Resp: 14268  
Ion Ratio Lower Upper  
129 100  
127 80.9 55.3 102.7



#59  
Bromoform  
Concen: 2.189 ug/L  
RT: 10.291 min Scan# 2784  
Delta R.T. 0.000 min  
Lab File: VU050241.D  
Acq: 11 Aug 2022 19:36

Tgt Ion:173 Resp: 6878  
Ion Ratio Lower Upper  
173 100  
175 48.8 37.0 55.6  
254 10.1 7.4 11.0

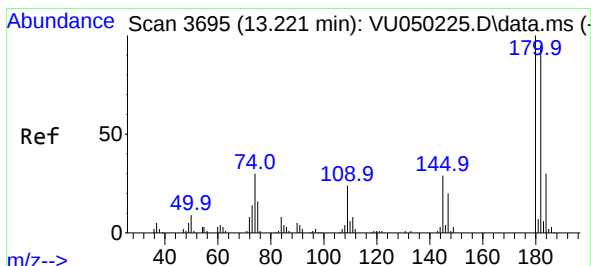
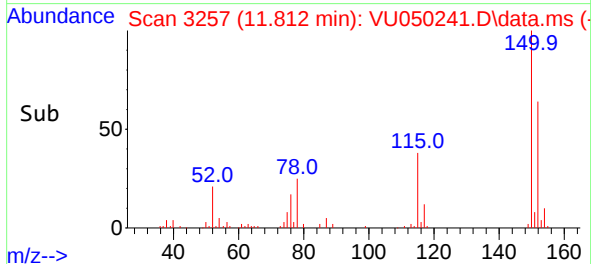
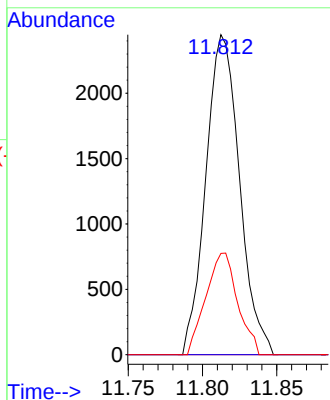
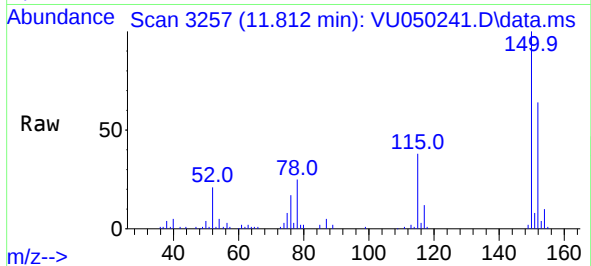




#61  
1,2,3-Trichloropropane  
Concen: 0.904 ug/L  
RT: 11.812 min Scan# 31  
Delta R.T. 0.987 min  
Lab File: VU050241.D  
Acq: 11 Aug 2022 19:36

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 75 Resp: 3860  
Ion Ratio Lower Upper  
75 100  
110 0.0 28.5 42.7#  
77 30.0 25.8 38.6



#69  
1,3,5-Trichlorobenzene  
Concen: 0.110 ug/L  
RT: 12.224 min Scan# 3385  
Delta R.T. -0.997 min  
Lab File: VU050241.D  
Acq: 11 Aug 2022 19:36

Tgt Ion:180 Resp: 823  
Ion Ratio Lower Upper  
180 100  
182 0.0 77.3 115.9#  
184 0.0 24.1 36.1#  
145 0.0 24.2 36.2#

