

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012821\  
 Data File : VU042212.D  
 Acq On : 28 Jan 2021 20:00  
 Operator : SY/MD  
 Sample : M1126-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PT-THM-WS

Quant Time: Jan 29 10:31:18 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U012821DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Fri Jan 29 09:59:59 2021  
 Response via : Initial Calibration

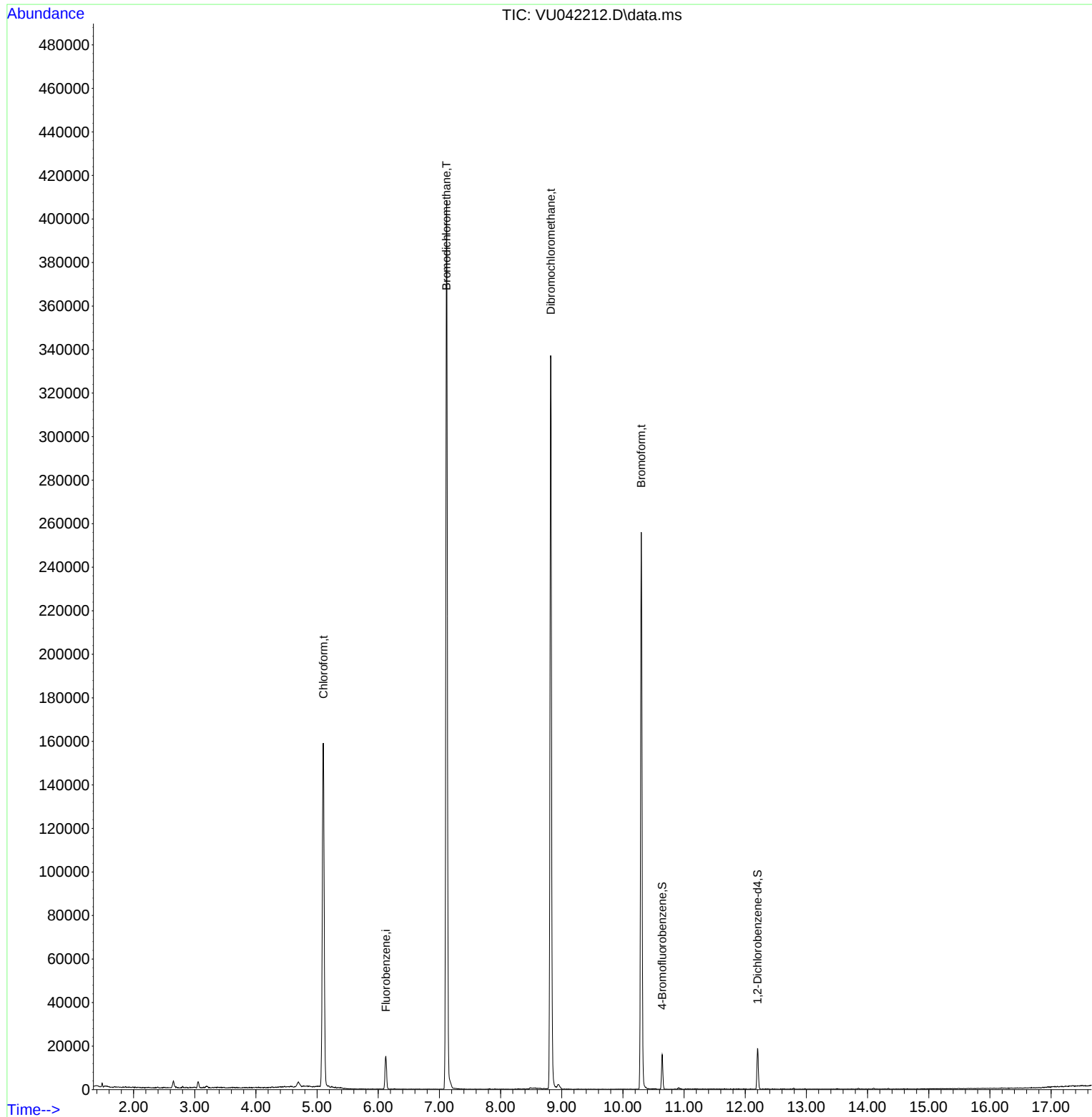
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|--------|------|----------|-------|---------|-----------|
| -----                       |        |      |          |       |         |           |
| Internal Standards          |        |      |          |       |         |           |
| 1) Fluorobenzene            | 6.125  | 96   | 13612    | 1.00  | ug/l    | # 0.00    |
| System Monitoring Compounds |        |      |          |       |         |           |
| 57) 4-Bromofluorobenzene    | 10.642 | 95   | 5292     | 1.00  | ug/l    | 0.00      |
| Spiked Amount 1.000         |        |      | Recovery | =     | 100.00% |           |
| 68) 1,2-Dichlorobenzene-d4  | 12.201 | 152  | 5040     | 0.94  | ug/l    | 0.00      |
| Spiked Amount 1.000         |        |      | Recovery | =     | 94.00%  |           |
| Target Compounds            |        |      |          |       |         |           |
| 27) Chloroform              | 5.102  | 83   | 134261   | 20.36 | ug/l    | Qvalue 99 |
| 44) Bromodichloromethane    | 7.118  | 83   | 254132   | 48.29 | ug/l    | 99        |
| 55) Dibromochloromethane    | 8.822  | 129  | 168736   | 47.59 | ug/l    | 99        |
| 67) Bromoform               | 10.301 | 173  | 114613   | 51.42 | ug/l    | 99        |
| -----                       |        |      |          |       |         |           |

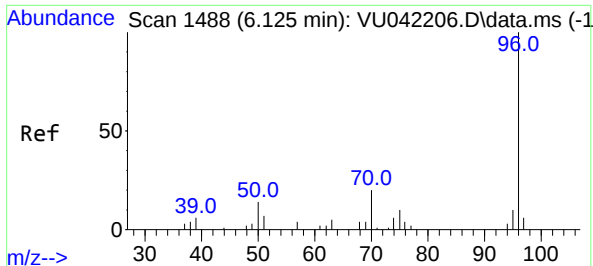
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012821\  
Data File : VU042212.D  
Acq On : 28 Jan 2021 20:00  
Operator : SY/MD  
Sample : M1126-09  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
PT-THM-WS

Quant Time: Jan 29 10:31:18 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U012821DW.M  
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
QLast Update : Fri Jan 29 09:59:59 2021  
Response via : Initial Calibration



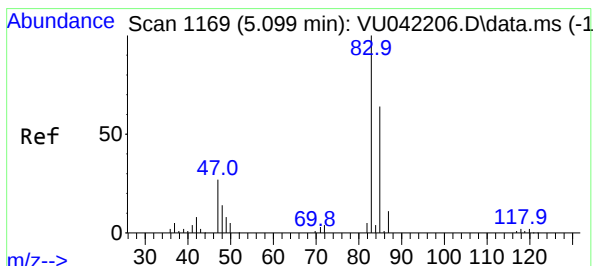
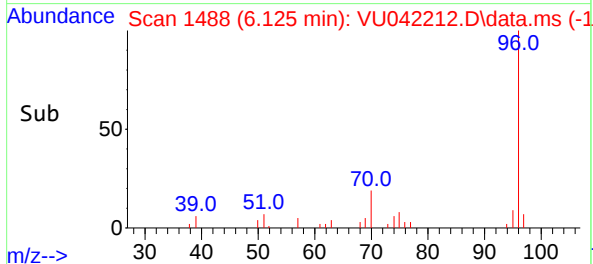
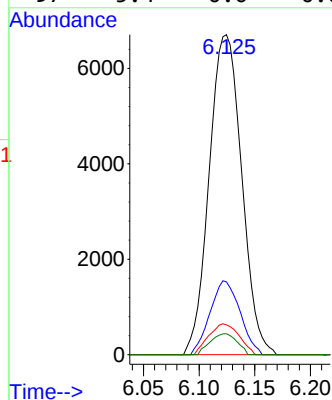
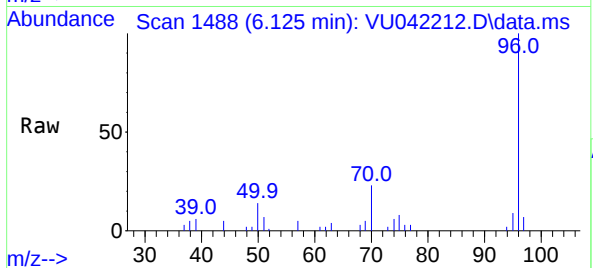


#1  
Fluorobenzene  
Concen: 1.00 ug/l  
RT: 6.125 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VU042212.D  
Acq: 28 Jan 2021 20:00

Instrument :  
MSVOA\_U  
ClientSampleId :  
PT-THM-WS

Tgt Ion: 96 Resp: 13612

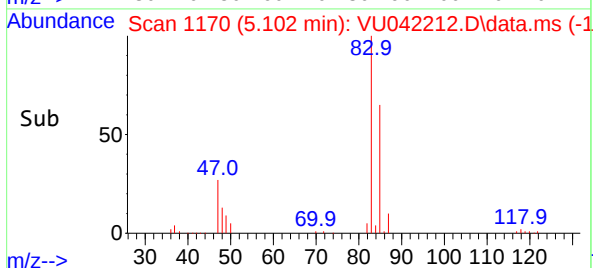
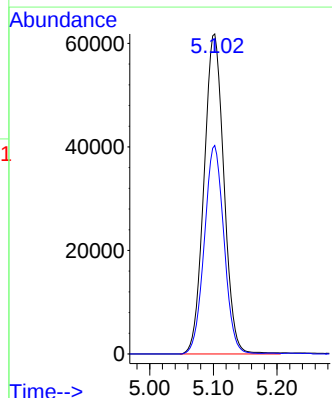
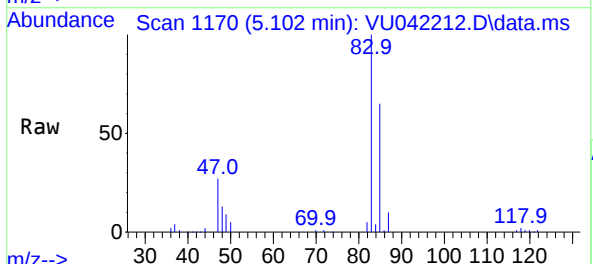
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 70  | 21.3  | 16.3  | 24.5  |
| 95  | 9.0   | 7.6   | 11.4  |
| 97  | 5.4   | 0.0   | 0.0   |

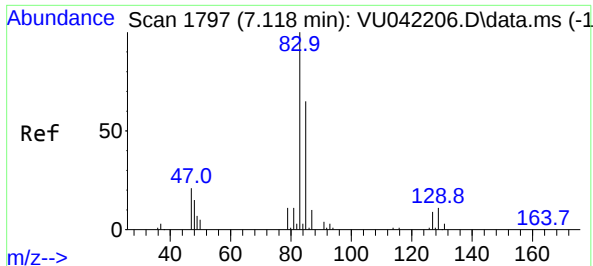


#27  
Chloroform  
Concen: 20.36 ug/l  
RT: 5.102 min Scan# 1170  
Delta R.T. 0.003 min  
Lab File: VU042212.D  
Acq: 28 Jan 2021 20:00

Tgt Ion: 83 Resp: 134261

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.1  | 0.0   | 128.0 |

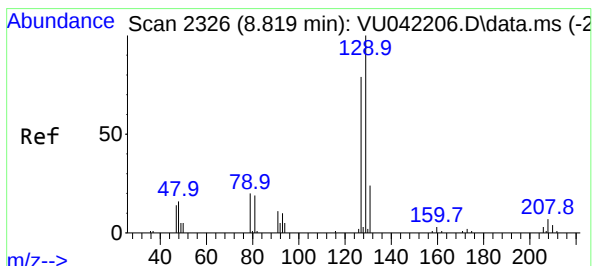
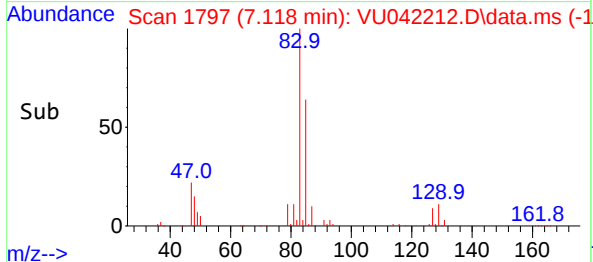
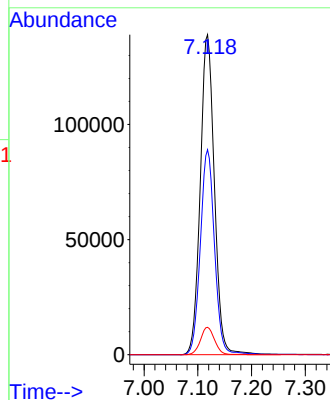
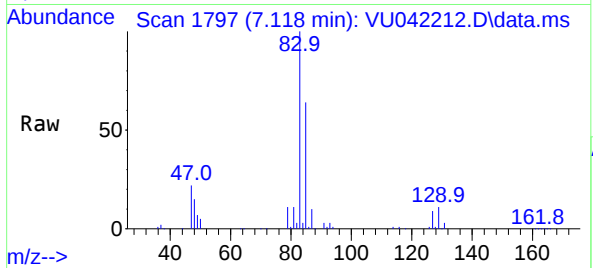




#44  
Bromodichloromethane  
Concen: 48.29 ug/l  
RT: 7.118 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VU042212.D  
Acq: 28 Jan 2021 20:00

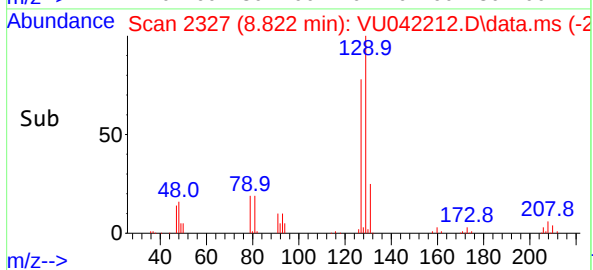
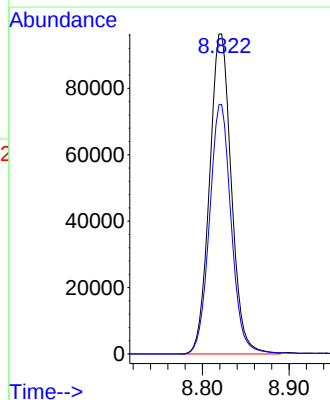
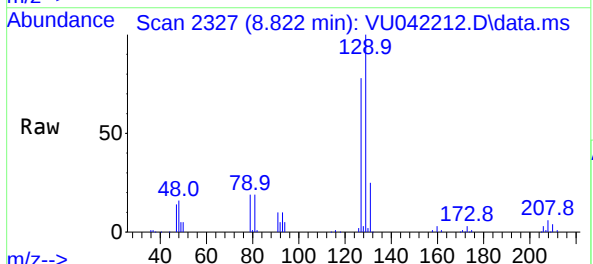
Instrument :  
MSVOA\_U  
ClientSampleId :  
PT-THM-WS

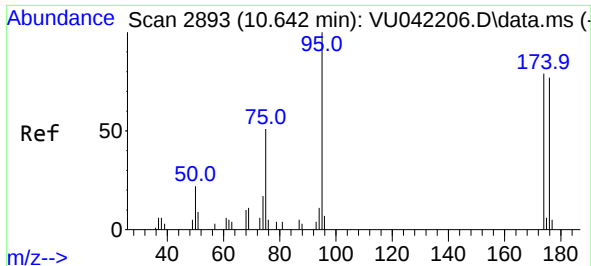
Tgt Ion: 83 Resp: 254132  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.7 77.5  
127 8.6 7.2 10.8



#55  
Dibromochloromethane  
Concen: 47.59 ug/l  
RT: 8.822 min Scan# 2327  
Delta R.T. 0.003 min  
Lab File: VU042212.D  
Acq: 28 Jan 2021 20:00

Tgt Ion: 129 Resp: 168736  
Ion Ratio Lower Upper  
129 100  
127 77.8 62.7 94.1

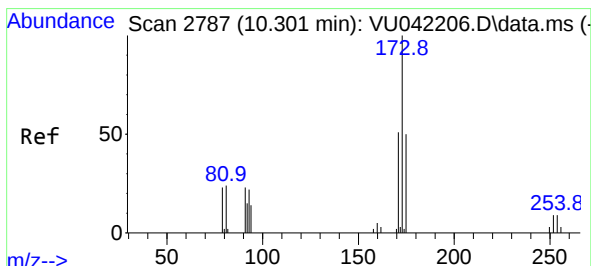
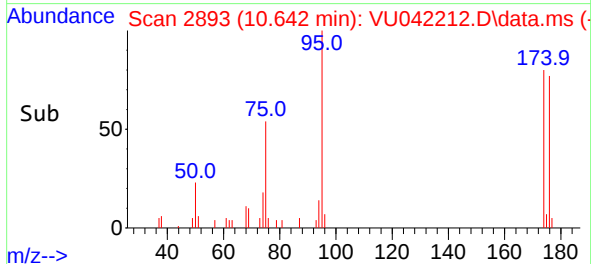
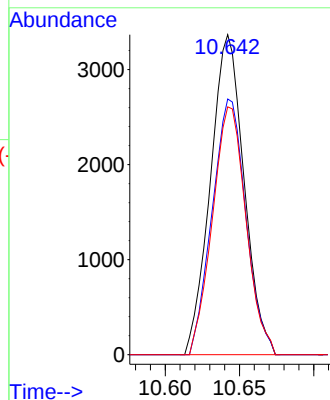
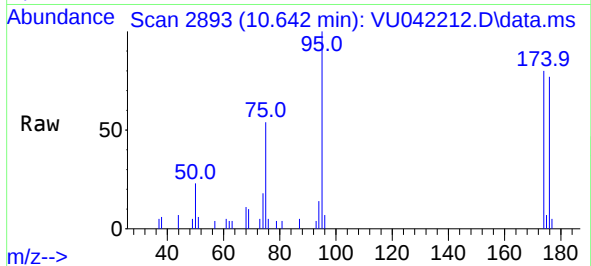




#57  
4-Bromofluorobenzene  
Concen: 1.00 ug/l  
RT: 10.642 min Scan# 2893  
Delta R.T. 0.000 min  
Lab File: VU042212.D  
Acq: 28 Jan 2021 20:00

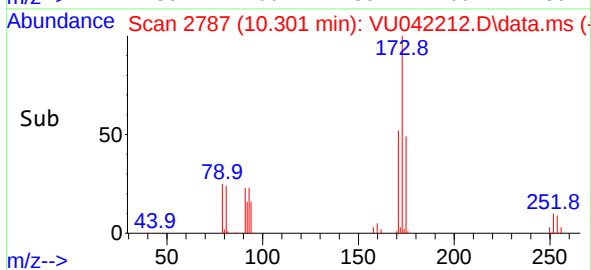
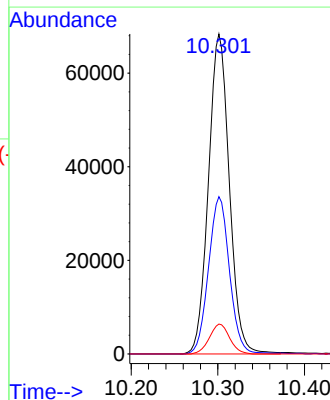
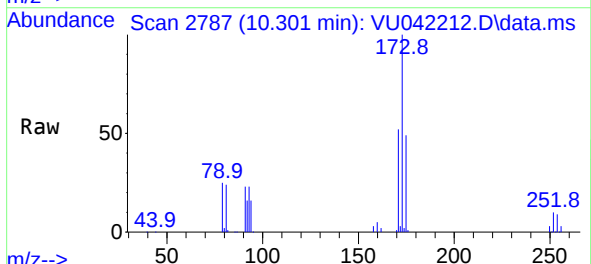
Instrument :  
MSVOA\_U  
ClientSampleId :  
PT-THM-WS

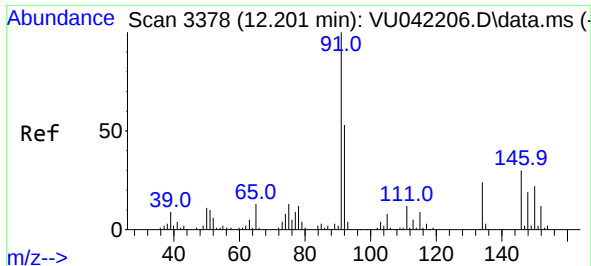
Tgt Ion: 95 Resp: 5292  
Ion Ratio Lower Upper  
95 100  
174 80.1 69.6 104.4  
176 77.3 65.5 98.3



#67  
Bromoform  
Concen: 51.42 ug/l  
RT: 10.301 min Scan# 2787  
Delta R.T. 0.000 min  
Lab File: VU042212.D  
Acq: 28 Jan 2021 20:00

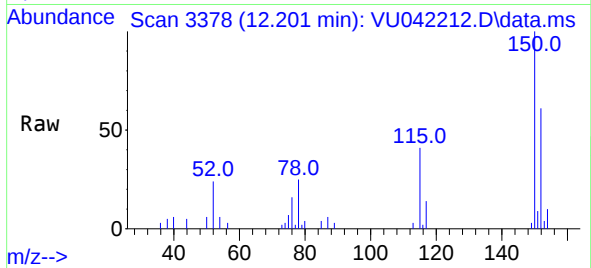
Tgt Ion:173 Resp: 114613  
Ion Ratio Lower Upper  
173 100  
175 49.4 40.0 60.0  
254 9.0 6.8 10.2





#68  
 1,2-Dichlorobenzene-d4  
 Concen: 0.94 ug/l  
 RT: 12.201 min Scan# 3378  
 Delta R.T. 0.000 min  
 Lab File: VU042212.D  
 Acq: 28 Jan 2021 20:00

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PT-THM-WS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 5040  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 65.3  | 0.0   | 243.2 |
| 150      | 165.9 | 0.0   | 642.6 |

