

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073020\  
 Data File : VU039722.D  
 Acq On : 30 Jul 2020 14:39  
 Operator : SY/MD  
 Sample : L3319-09DL 5X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jul 31 07:16:39 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jul 30 13:49:19 2020  
 Response via : Initial Calibration

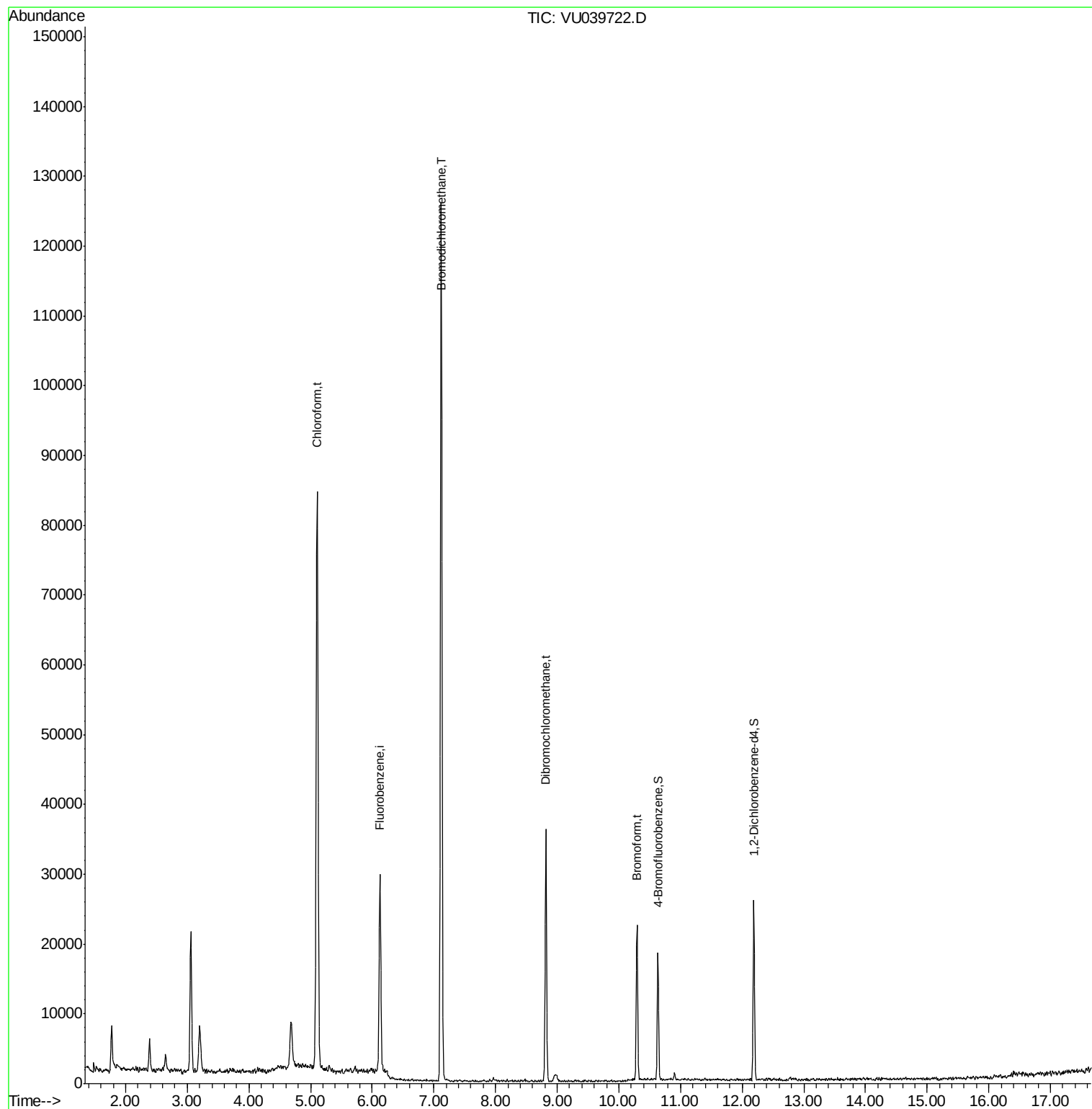
| Internal Standards          | R.T.  | QIon  | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|-------|----------|-------|--------|----------|
| -----                       | ----- | ----- | -----    | ----- | -----  | -----    |
| 1) Fluorobenzene            | 6.13  | 96    | 22928    | 1.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |       |          |       |        |          |
| 57) 4-Bromofluorobenzene    | 10.63 | 95    | 6113     | 0.68  | ug/l   | 0.00     |
| Spiked Amount 1.000         |       |       | Recovery | =     | 68.00% |          |
| 68) 1,2-Dichlorobenzene-d4  | 12.19 | 152   | 6300     | 0.72  | ug/l   | 0.00     |
| Spiked Amount 1.000         |       |       | Recovery | =     | 72.00% |          |
| Target Compounds            |       |       |          |       |        |          |
|                             |       |       |          |       | Ovalue |          |
| 27) Chloroform              | 5.11  | 83    | 66938    | 4.497 | ug/l   | 99       |
| 44) Bromodichloromethane    | 7.12  | 83    | 75481    | 7.737 | ug/l   | 99       |
| 55) Dibromochloromethane    | 8.82  | 129   | 16744    | 2.821 | ug/l   | 98       |
| 67) Bromoform               | 10.29 | 173   | 8896     | 2.938 | ug/l   | 100      |
| -----                       | ----- | ----- | -----    | ----- | -----  | -----    |

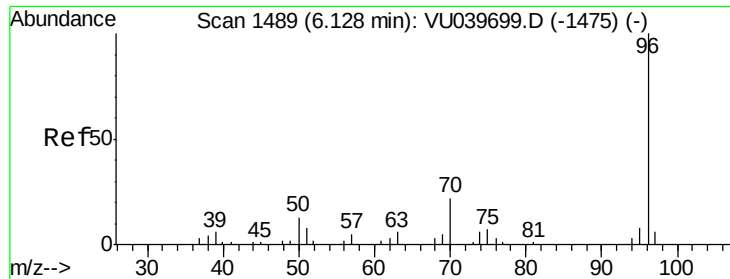
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
QLast Update : Thu Jul 30 13:49:19 2020  
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU039722.D

Acq: 30 Jul 2020 14:39

Instrument :

MSVOA\_U

ClientSampleId :

PT-THM-WSDL

Tot Ion: 96 Resp: 22928

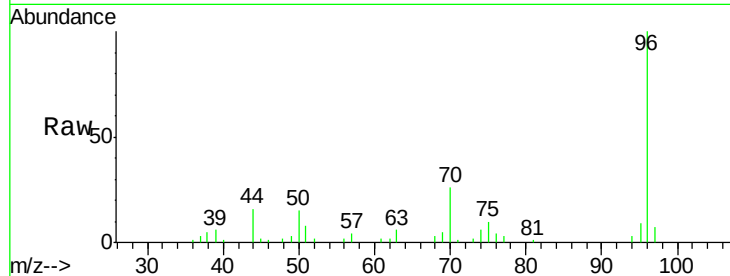
Ion Ratio Lower Upper

96 100

70 23.3 16.3 24.5

95 8.2 6.8 10.2

97 6.6 0.0 0.0#

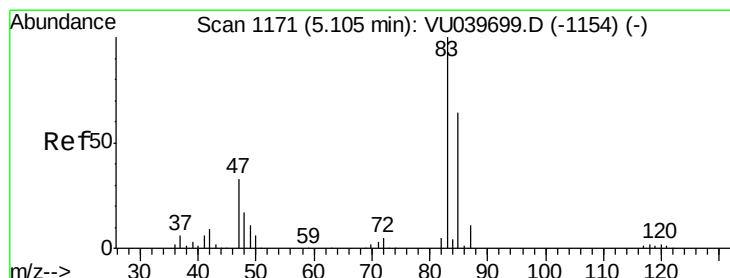
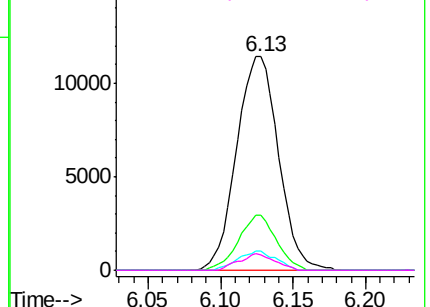
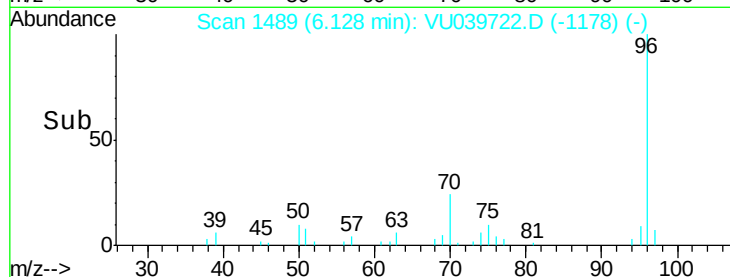


Abundance Ion 96.00 (95.70 to 96.70): VU039722.D (-1178) (-)

Ion 70.00 (69.70 to 70.70): VU039722.D (-1178) (-)

Ion 95.00 (94.70 to 95.70): VU039722.D (-1178) (-)

Ion 97.00 (96.70 to 97.70): VU039722.D (-1178) (-)



#27

Chloroform

Concen: 4.497 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU039722.D

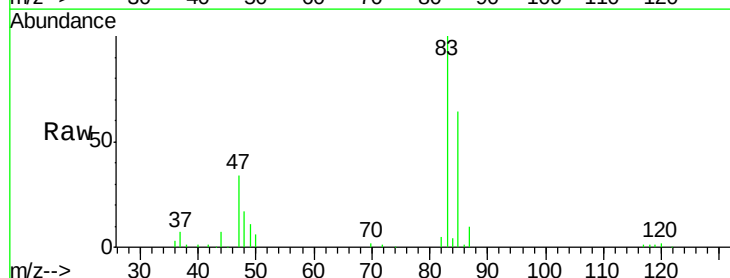
Acq: 30 Jul 2020 14:39

Tgt Ion: 83 Resp: 66938

Ion Ratio Lower Upper

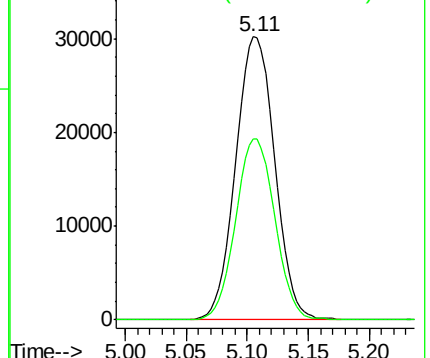
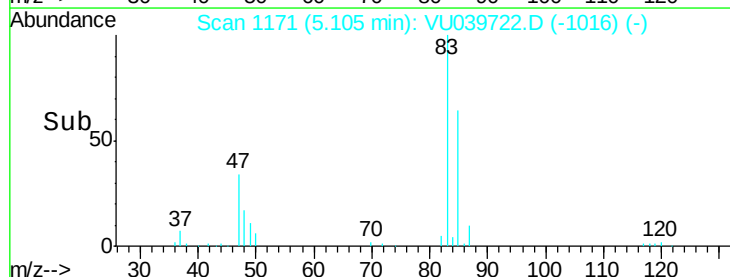
83 100

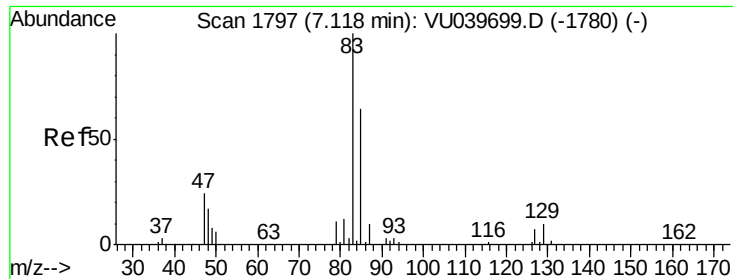
85 63.8 0.0 128.8



Abundance Ion 83.00 (82.70 to 83.70): VU039722.D (-1016) (-)

Ion 85.00 (84.70 to 85.70): VU039722.D (-1016) (-)





#44

Bromodichloromethane

Concen: 7.737 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039722.D

Acq: 30 Jul 2020 14:39

Instrument :

MSVOA\_U

ClientSampleId :

PT-THM-WSDL

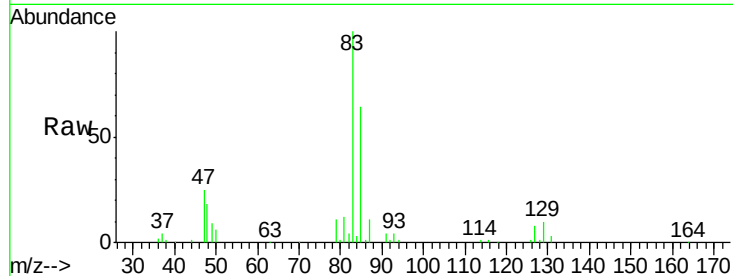
Tot Ion: 83 Resp: 75481

Ion Ratio Lower Upper

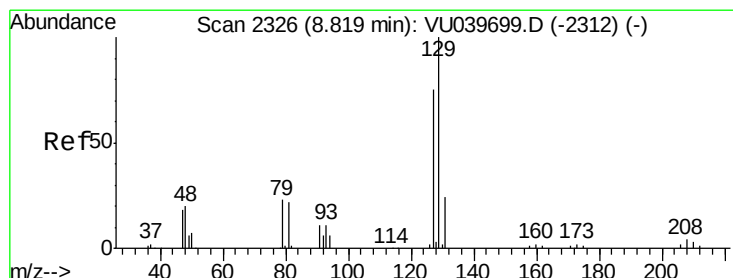
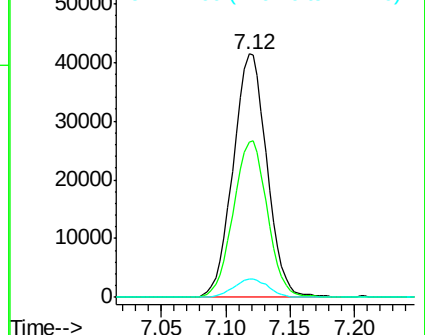
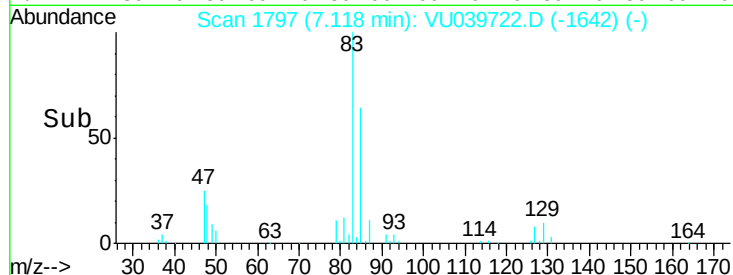
83 100

85 63.9 50.8 76.2

127 7.6 5.8 8.6



Abundance Ion 83.00 (82.70 to 83.70): VU039722.D (-1642) (-)



#55

Dibromochloromethane

Concen: 2.821 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU039722.D

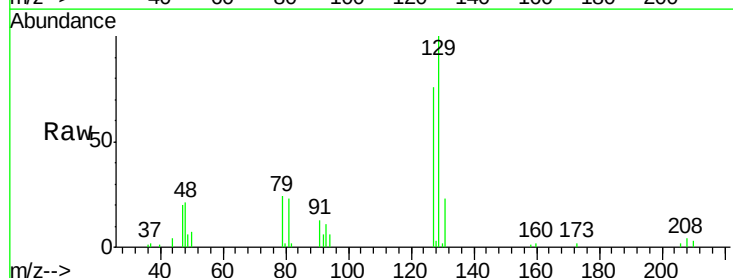
Acq: 30 Jul 2020 14:39

Tgt Ion:129 Resp: 16744

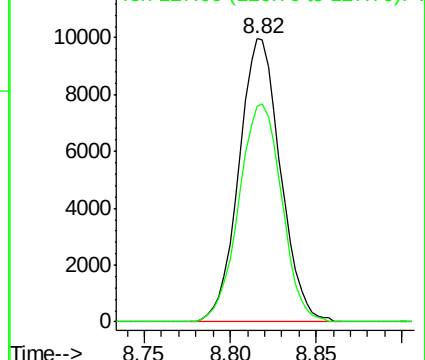
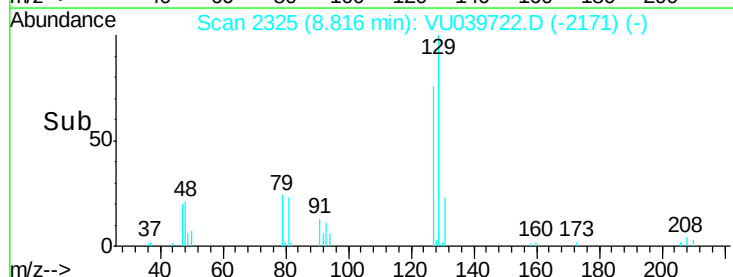
Ion Ratio Lower Upper

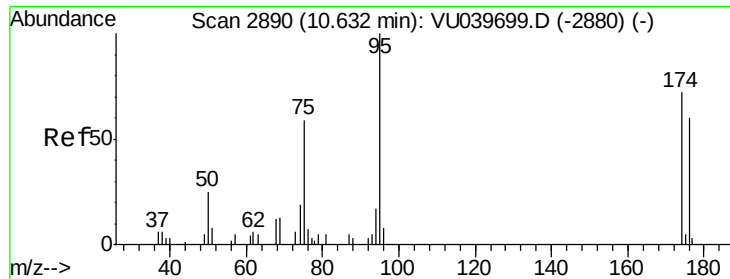
129 100

127 79.4 62.4 93.6



Abundance Ion 129.00 (128.70 to 129.70): VU039722.D (-2171) (-)





#57

4-Bromofluorobenzene

Concen: 0.682 ug/l

RT: 10.63 min Scan# 2890

Delta R.T. -0.00 min

Lab File: VU039722.D

Acq: 30 Jul 2020 14:39

Instrument :

MSVOA\_U

ClientSampleId :

PT-THM-WSDL

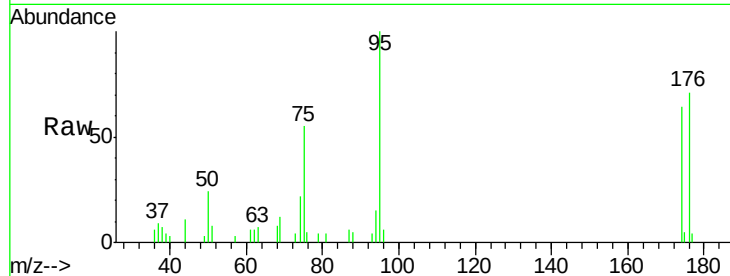
Tot Ion: 95 Resp: 6113

Ion Ratio Lower Upper

95 100

174 67.6 57.0 85.4

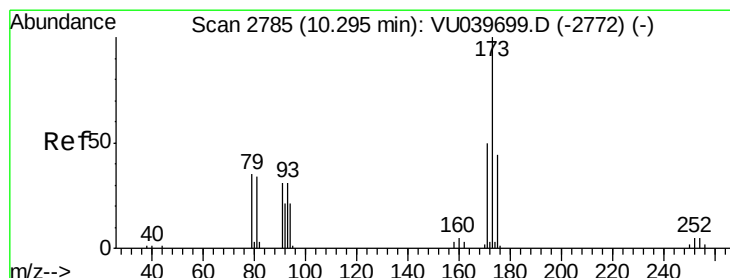
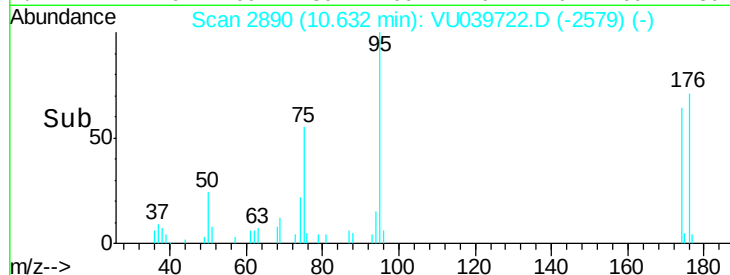
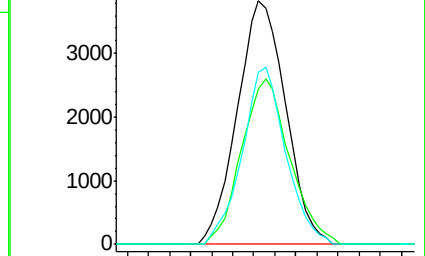
176 65.5 50.2 75.2



Abundance Ion 95.00 (94.70 to 95.70): VU039699.D (-2880) (-)

Ion 174.00 (173.70 to 174.70): VU039699.D (-2880) (-)

Ion 176.00 (175.70 to 176.70): VU039699.D (-2880) (-)



#67

Bromoform

Concen: 2.938 ug/l

RT: 10.29 min Scan# 2785

Delta R.T. -0.00 min

Lab File: VU039722.D

Acq: 30 Jul 2020 14:39

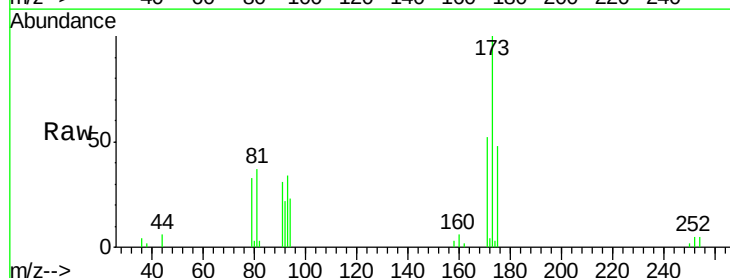
Tgt Ion: 173 Resp: 8896

Ion Ratio Lower Upper

173 100

175 45.9 36.7 55.1

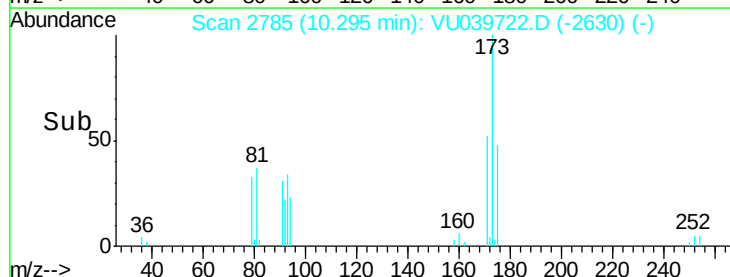
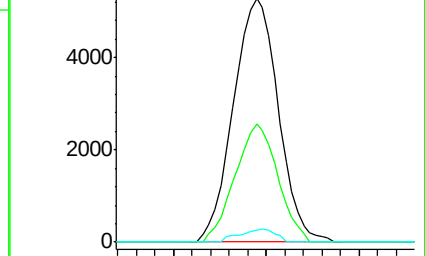
254 4.2 3.8 5.8

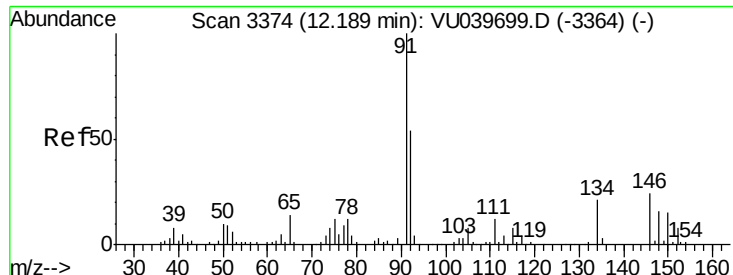


Abundance Ion 172.90 (172.60 to 173.60): VU039699.D (-2772) (-)

Ion 174.90 (174.60 to 175.60): VU039699.D (-2772) (-)

Ion 253.75 (253.45 to 254.45): VU039699.D (-2772) (-)





#68  
 1,2-Dichlorobenzene-d4  
 Concen: 0.718 ug/l  
 RT: 12.19 min Scan# 3374  
 Delta R.T. -0.00 min  
 Lab File: VU039722.D  
 Acq: 30 Jul 2020 14:39

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 63.8  | 0.0   | 302.4 |
| 150     | 155.1 | 0.0   | 645.8 |

