

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX072820\  
 Data File : VX017656.D  
 Acq On : 28 Jul 2020 16:27  
 Operator : JC/SP  
 Sample : L3440-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jul 29 03:34:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 24 05:48:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 484945   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 816472   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 867676   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 483450   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4   | 6.03   | 65  | 337198   | 54.13 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 108.26% |      |
| 35) Dibromofluoromethane    | 5.46   | 113 | 283397   | 51.90 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.80% |      |
| 50) Toluene-d8              | 8.70   | 98  | 1005000  | 51.02 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.04% |      |
| 62) 4-Bromofluorobenzene    | 11.12  | 95  | 450914   | 57.20 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 114.40% |      |

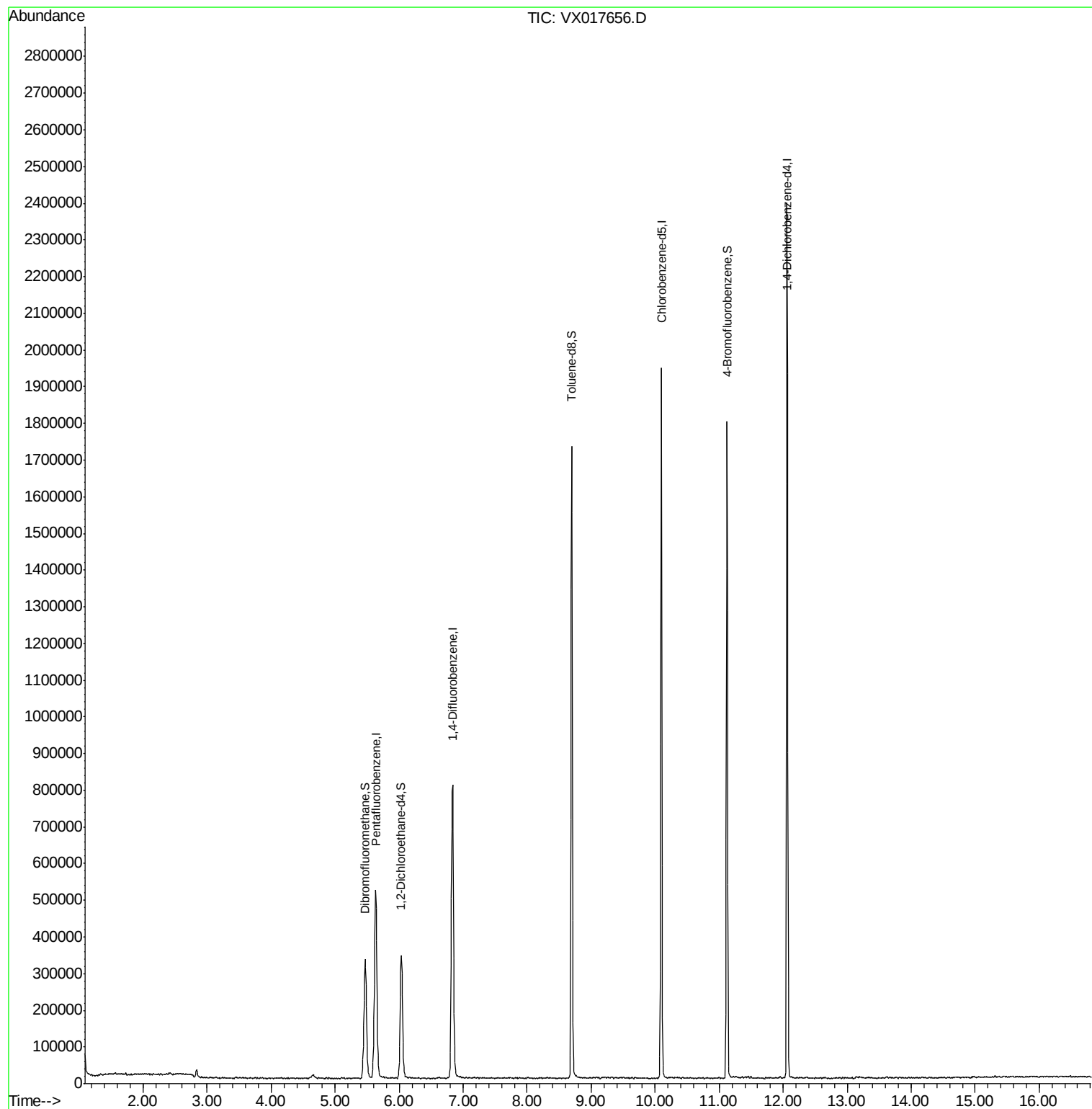
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

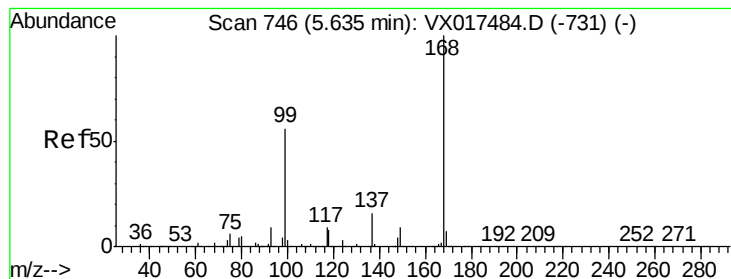
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX072820\  
Data File : VX017656.D  
Acq On : 28 Jul 2020 16:27  
Operator : JC/SP  
Sample : L3440-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

Quant Time: Jul 29 03:34:54 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 24 05:48:09 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017656.D

Acq: 28 Jul 2020 16:27

Instrument :

MSVOA\_X

ClientSampleId :

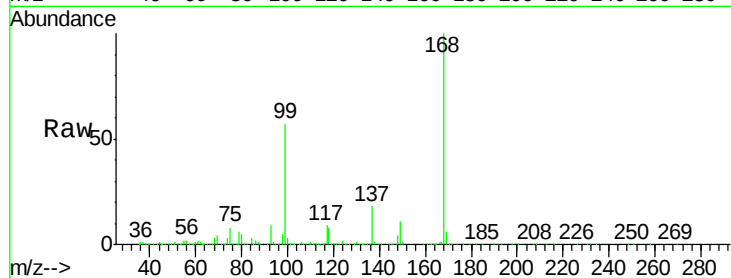
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 484945

Ion Ratio Lower Upper

168 100

99 57.1 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

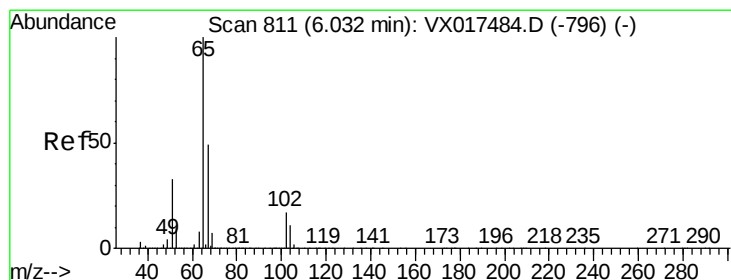
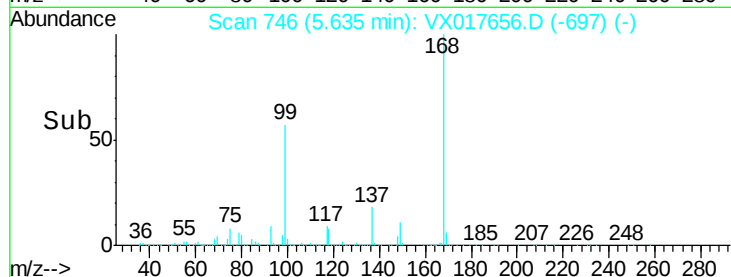
150000

100000

50000

0

Time--> 5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 54.131 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017656.D

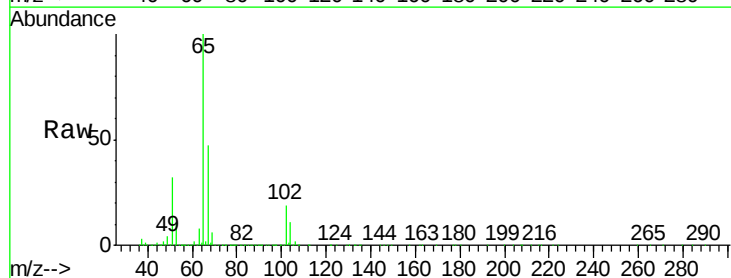
Acq: 28 Jul 2020 16:27

Tgt Ion: 65 Resp: 337198

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

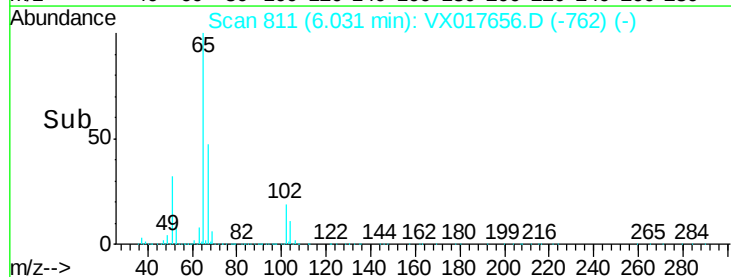
150000

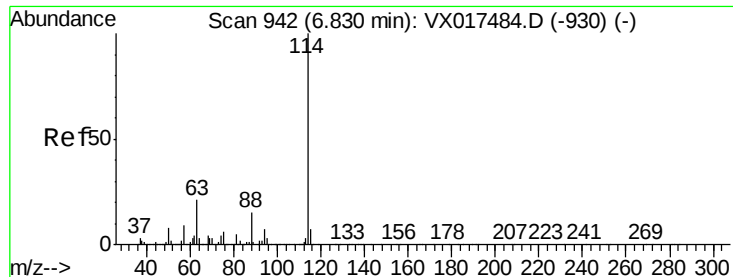
100000

50000

0

Time--> 5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017656.D

Acq: 28 Jul 2020 16:27

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

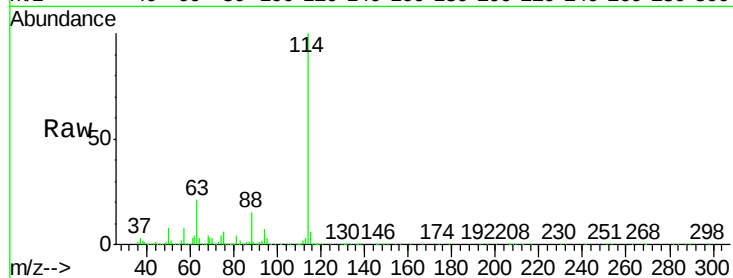
Tgt Ion:114 Resp: 816472

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

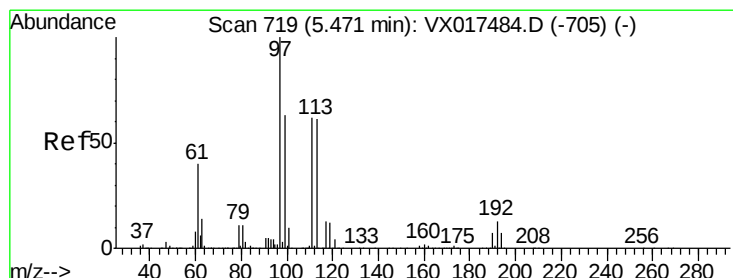
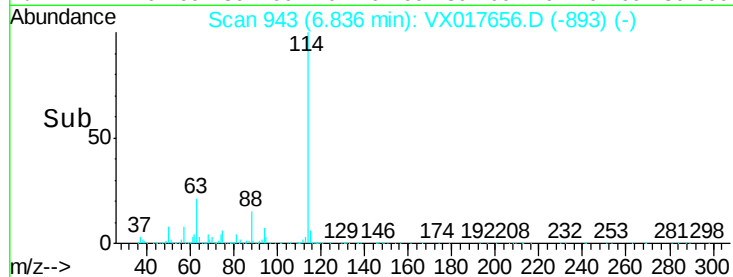
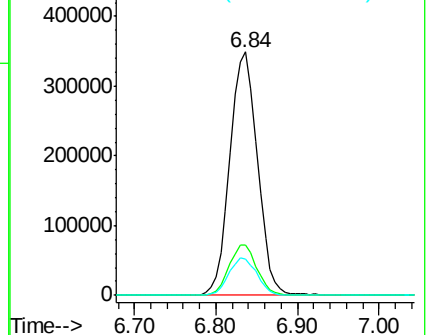
88 15.1 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.898 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017656.D

Acq: 28 Jul 2020 16:27

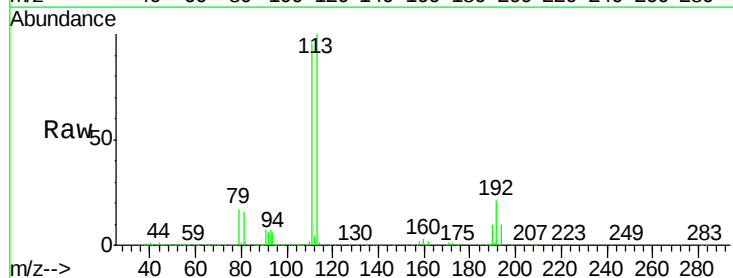
Tgt Ion:113 Resp: 283397

Ion Ratio Lower Upper

113 100

111 100.2 80.7 121.1

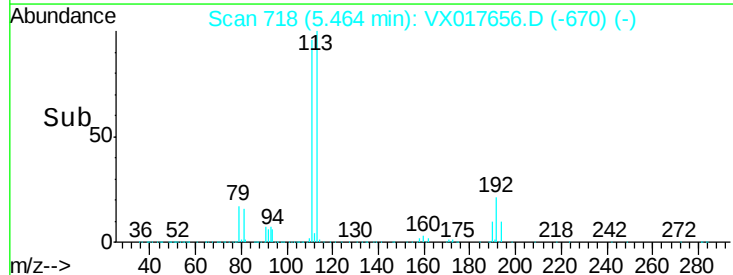
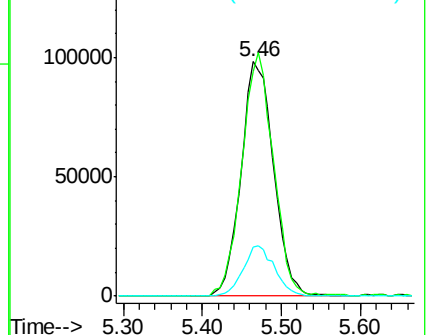
192 20.7 16.9 25.3

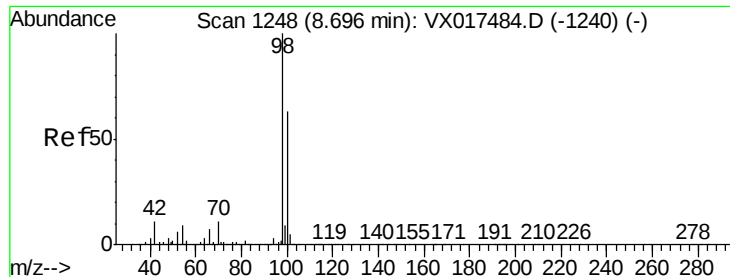


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.018 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017656.D

Acq: 28 Jul 2020 16:27

Instrument :

MSVOA\_X

ClientSampleId :

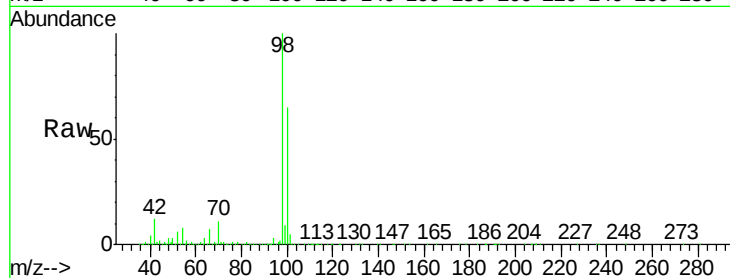
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 1005000

Ion Ratio Lower Upper

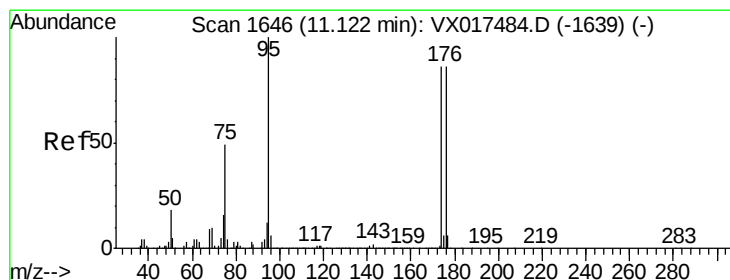
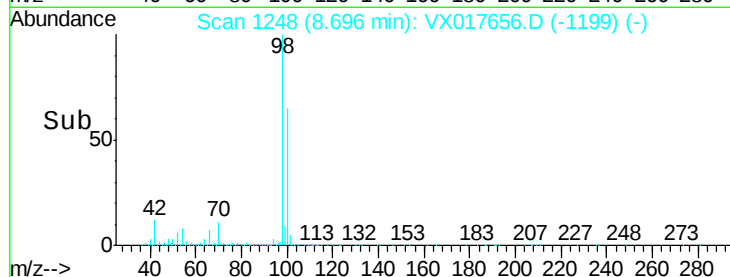
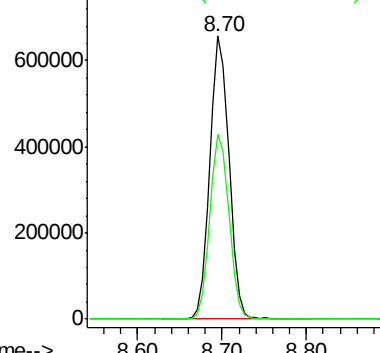
98 100

100 65.4 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 57.197 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017656.D

Acq: 28 Jul 2020 16:27

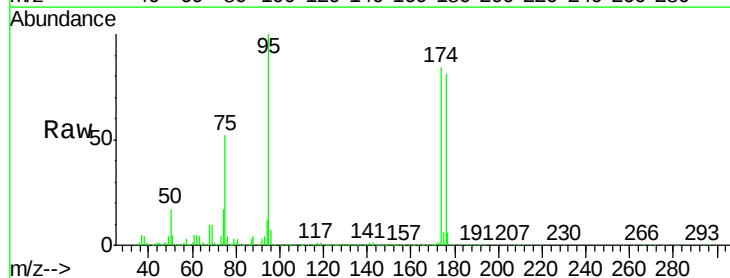
Tgt Ion: 95 Resp: 450914

Ion Ratio Lower Upper

95 100

174 83.6 0.0 169.0

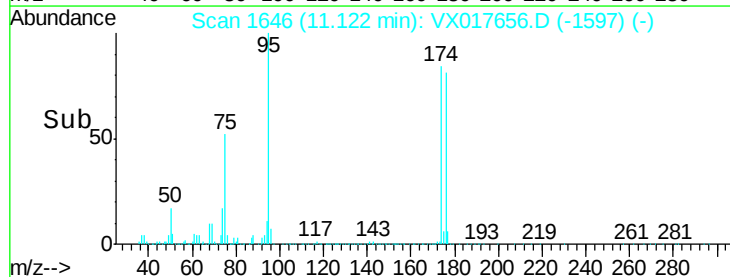
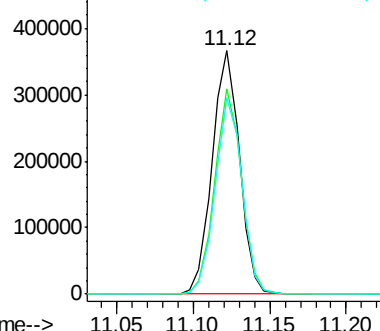
176 80.1 0.0 161.0

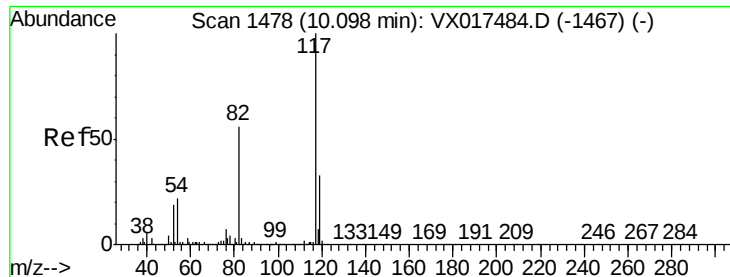


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017656.D

Acq: 28 Jul 2020 16:27

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

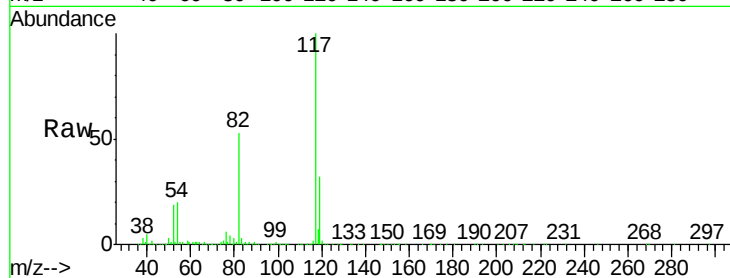
Tgt Ion:117 Resp: 867676

Ion Ratio Lower Upper

117 100

82 53.1 44.0 66.0

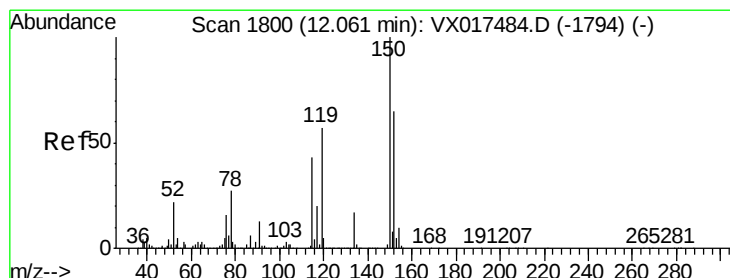
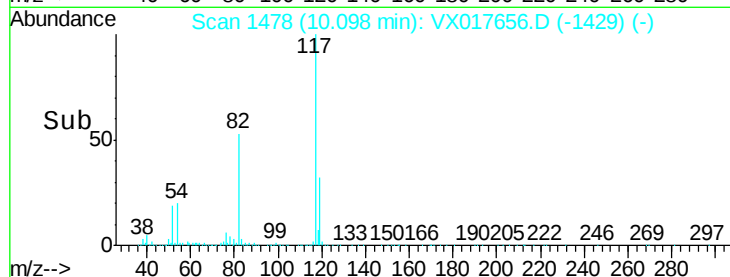
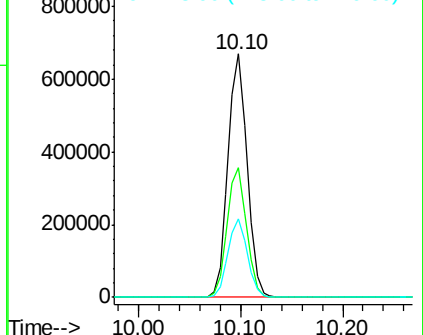
119 32.0 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017656.D

Acq: 28 Jul 2020 16:27

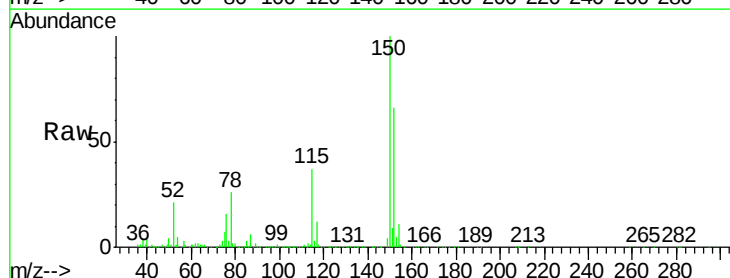
Tgt Ion:152 Resp: 483450

Ion Ratio Lower Upper

152 100

115 57.6 65.5 196.6#

150 156.0 0.0 412.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

