

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
 Data File : VX007129.D  
 Acq On : 18 Jan 2019 12:42  
 Operator : JC/SP  
 Sample : K1194-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jan 18 22:14:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 550767   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 865633   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 798221   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 383882   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 298919   | 51.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.86% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 269470   | 48.61 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.22%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 1016324  | 50.09 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.18% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 358613   | 50.70 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.40% |          |

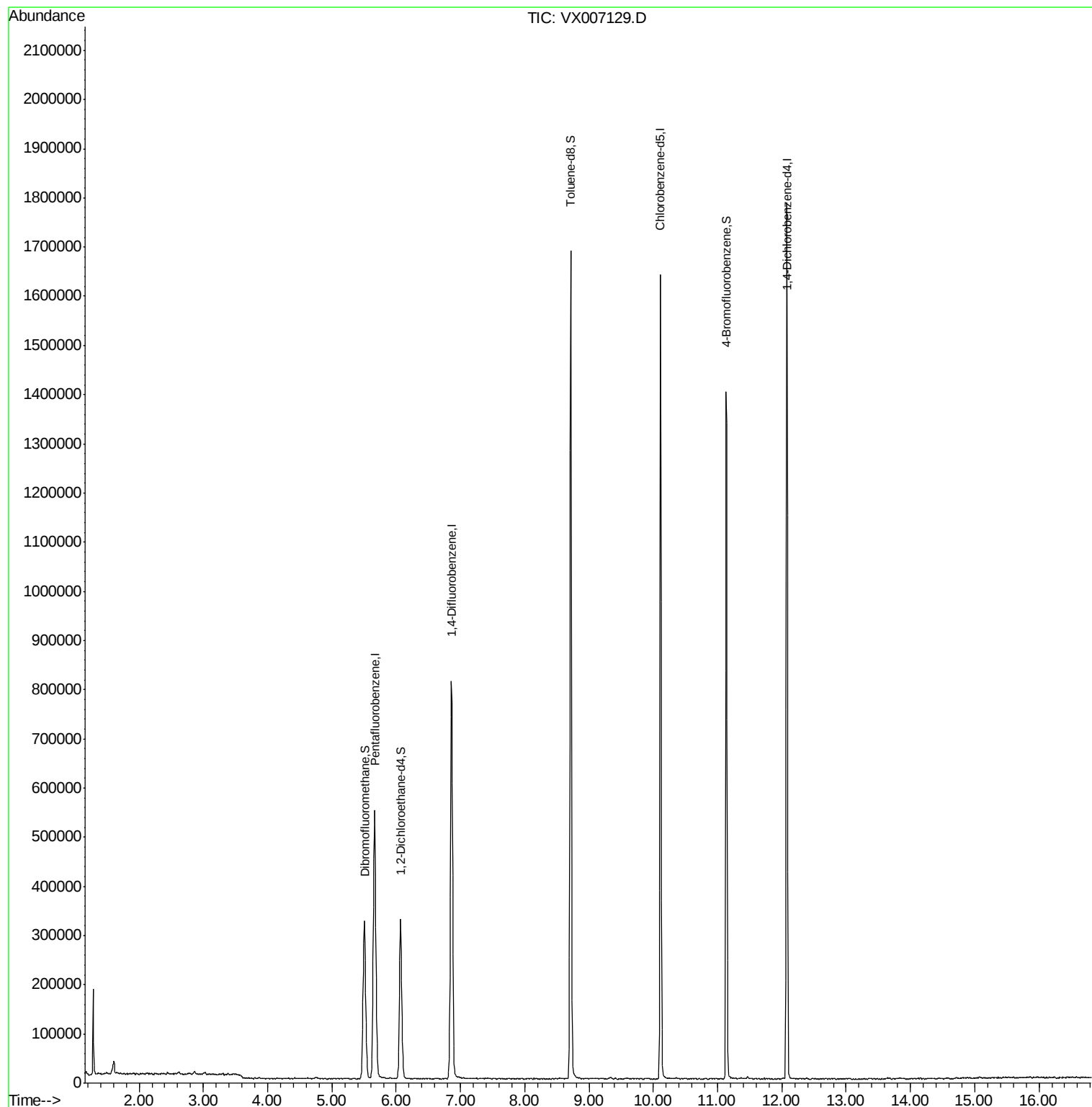
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

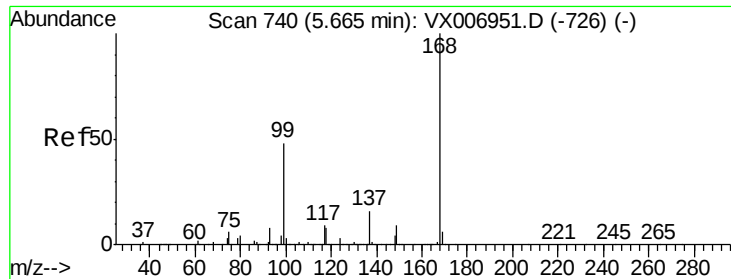
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
Data File : VX007129.D  
Acq On : 18 Jan 2019 12:42  
Operator : JC/SP  
Sample : K1194-02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Quant Time: Jan 18 22:14:54 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 08 14:06:59 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007129.D

Acq: 18 Jan 2019 12:42

Instrument :

MSVOA\_X

ClientSampleId :

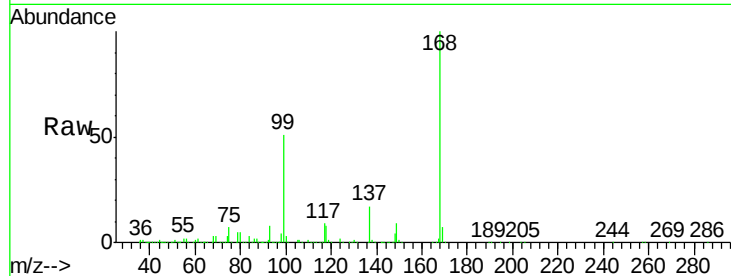
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 550767

Ion Ratio Lower Upper

168 100

99 51.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

50000

0

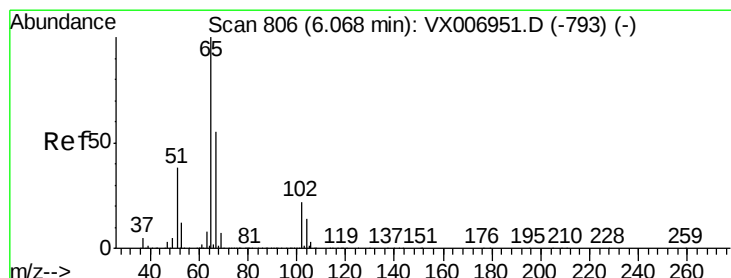
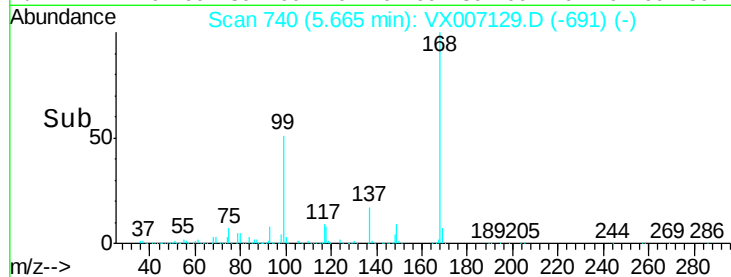
5.50

5.60

5.70

5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.932 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007129.D

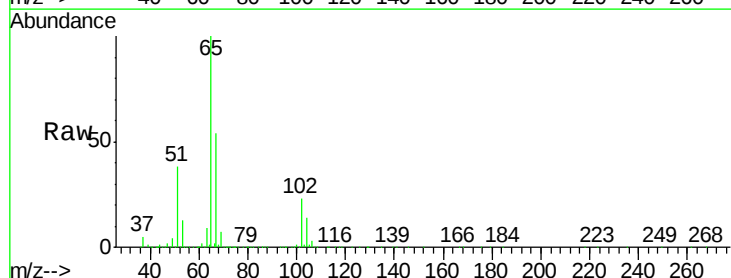
Acq: 18 Jan 2019 12:42

Tgt Ion: 65 Resp: 298919

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

100000

50000

0

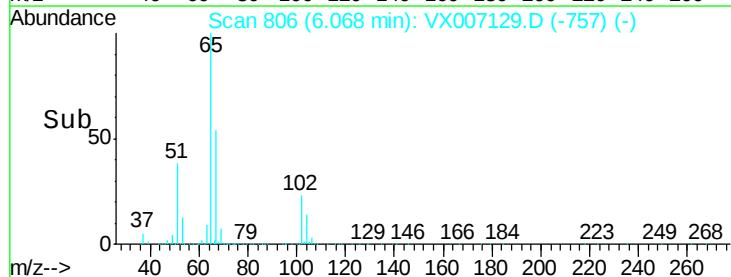
5.90

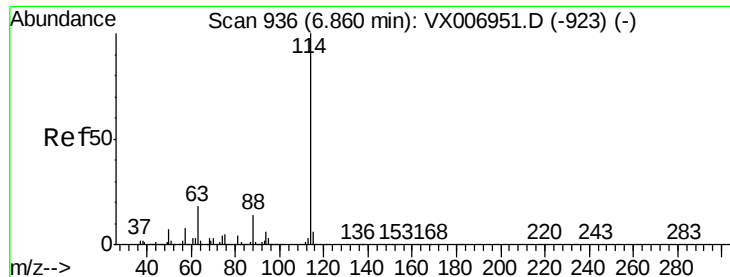
6.00

6.10

6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007129.D

Acq: 18 Jan 2019 12:42

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

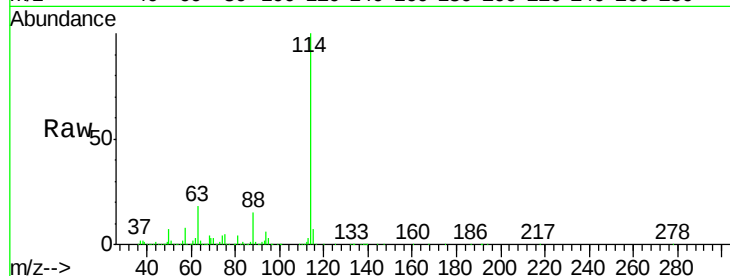
Tot Ion:114 Resp: 865633

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

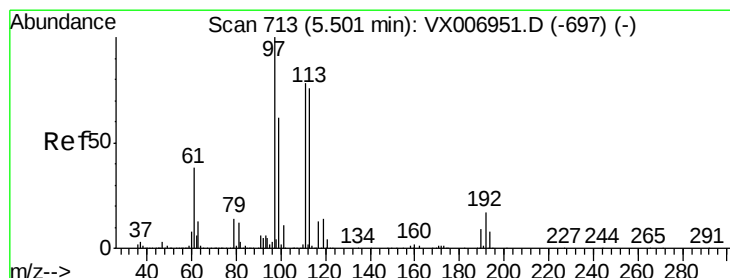
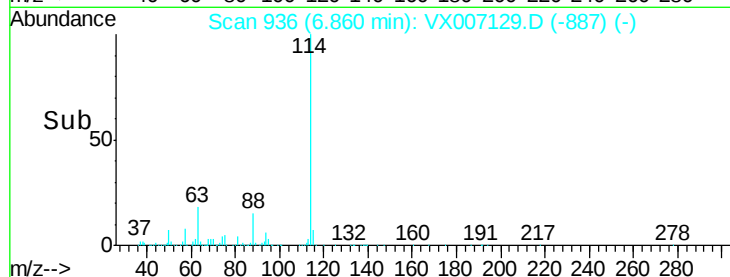
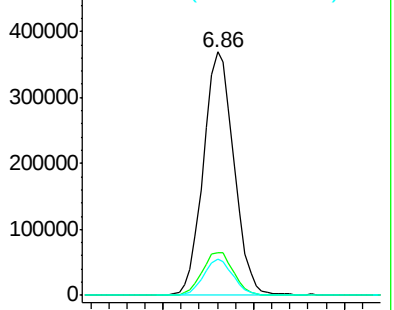
88 15.1 0.0 28.8



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: 48.610 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007129.D

Acq: 18 Jan 2019 12:42

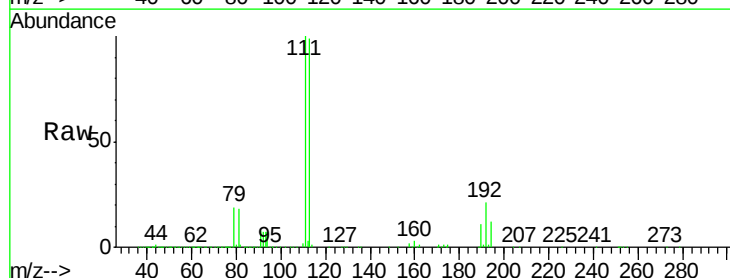
Tgt Ion:113 Resp: 269470

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

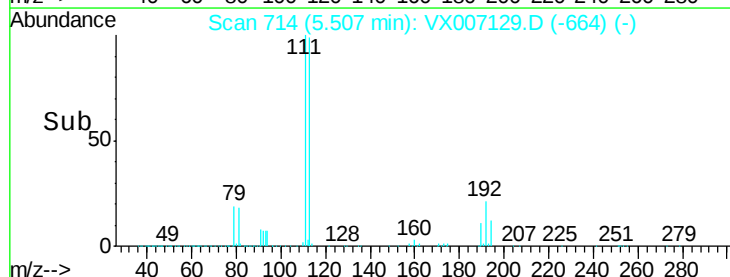
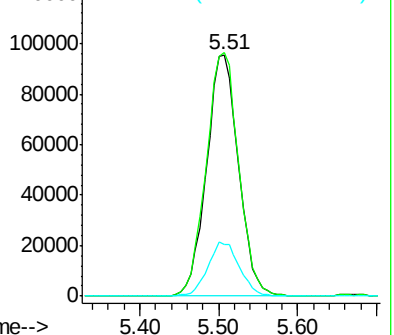
192 22.3 16.7 25.1

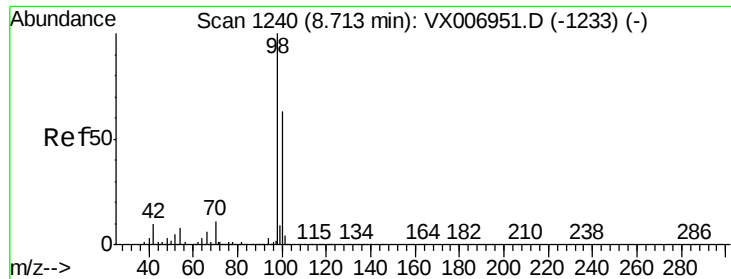


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.088 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007129.D

Acq: 18 Jan 2019 12:42

Instrument :

MSVOA\_X

ClientSampleId :

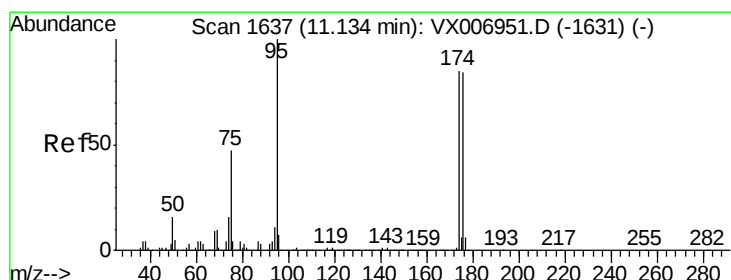
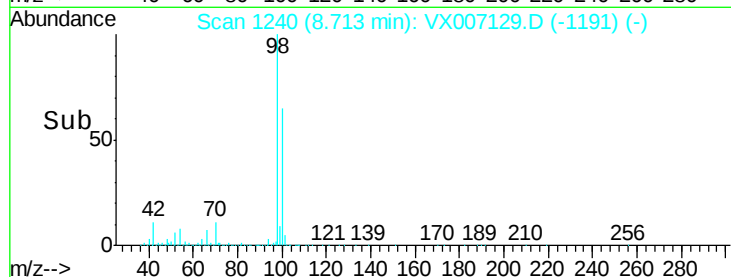
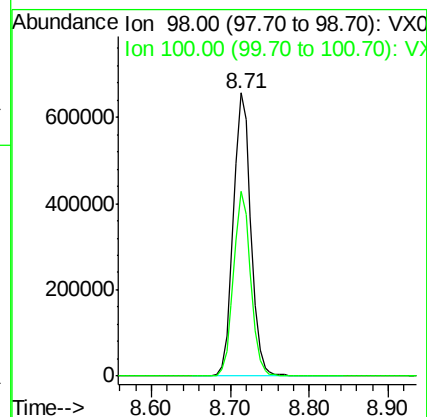
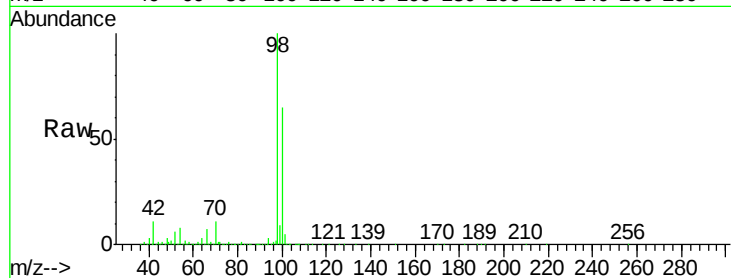
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 1016324

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.696 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007129.D

Acq: 18 Jan 2019 12:42

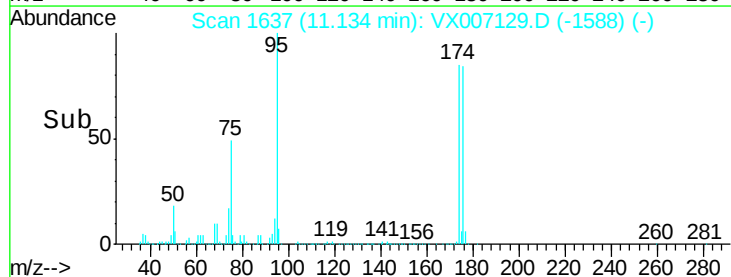
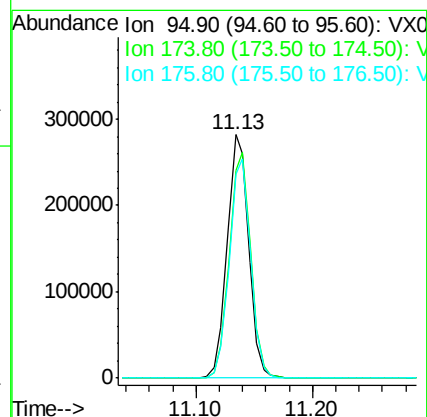
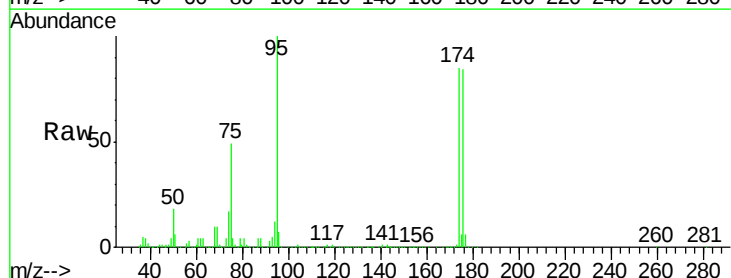
Tgt Ion: 95 Resp: 358613

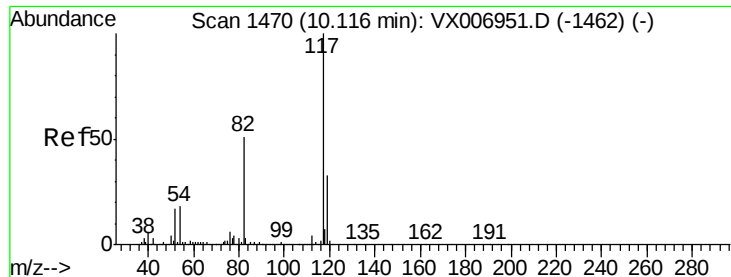
Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.2

176 90.1 0.0 178.8

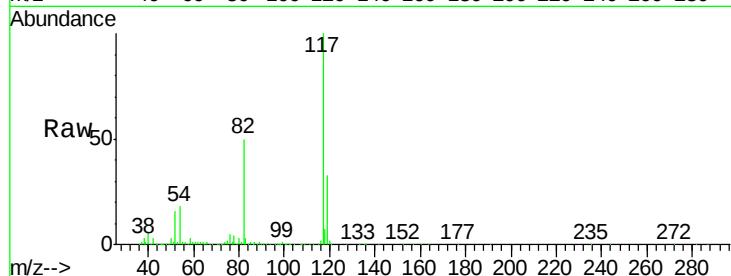




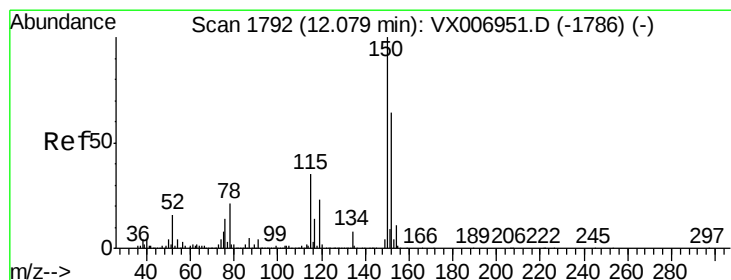
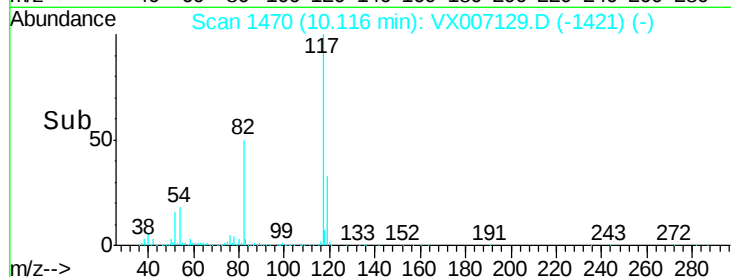
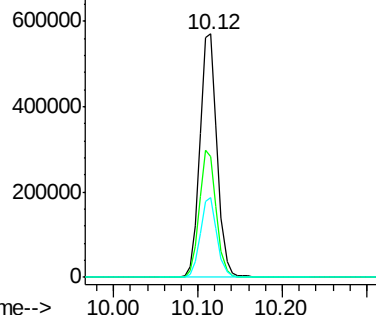
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX007129.D  
Acq: 18 Jan 2019 12:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 798221  
Ion Ratio Lower Upper  
117 100  
82 49.7 41.0 61.6  
119 32.7 25.4 38.0

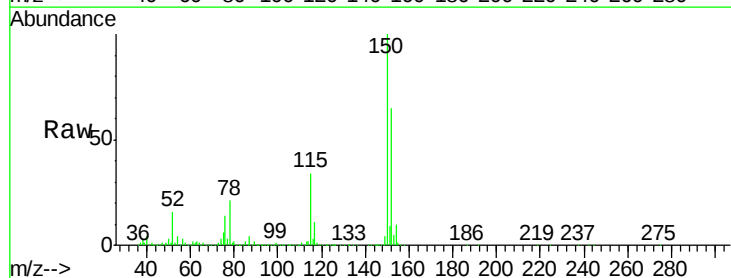


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX007129.D  
Acq: 18 Jan 2019 12:42

Tgt Ion:152 Resp: 383882  
Ion Ratio Lower Upper  
152 100  
115 55.2 39.1 117.2  
150 155.5 0.0 344.8



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

