

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\  
 Data File : VX016774.D  
 Acq On : 16 Jun 2020 13:14  
 Operator : JC/SP  
 Sample : L3000-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 17 04:20:24 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061520W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 16 02:02:35 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 242914   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 384236   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 392328   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 200657   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4   | 6.03   | 65  | 139038   | 50.89 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.78% |      |
| 35) Dibromofluoromethane    | 5.46   | 113 | 116208   | 49.02 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.04%  |      |
| 50) Toluene-d8              | 8.70   | 98  | 470475   | 53.82 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 107.64% |      |
| 62) 4-Bromofluorobenzene    | 11.12  | 95  | 193662   | 57.92 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 115.84% |      |

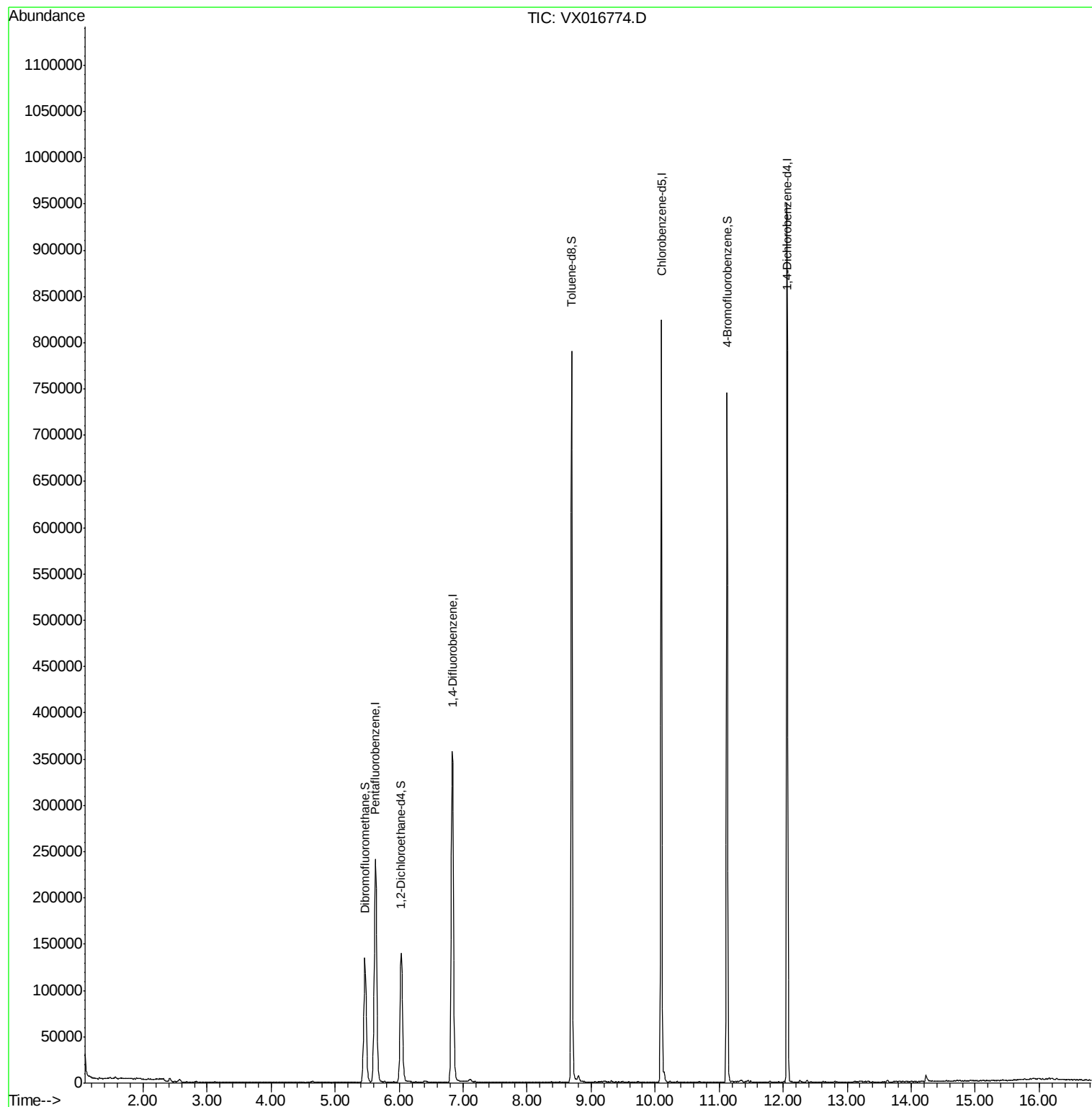
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

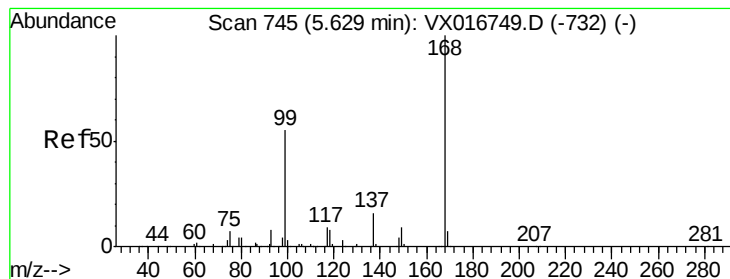
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Jun 16 02:02:35 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

Instrument :

MSVOA\_X

ClientSampleId :

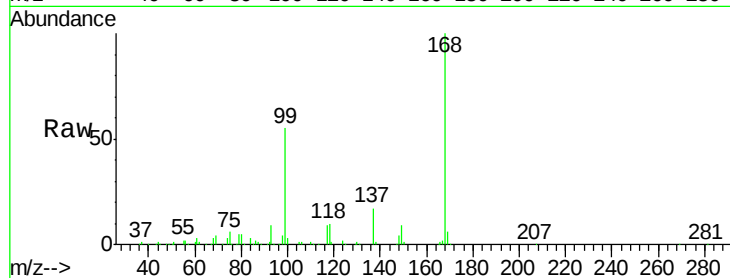
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 242914

Ion Ratio Lower Upper

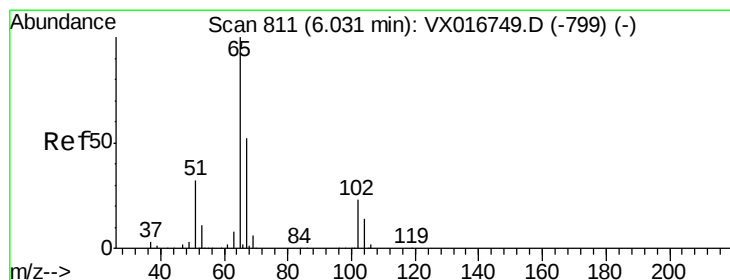
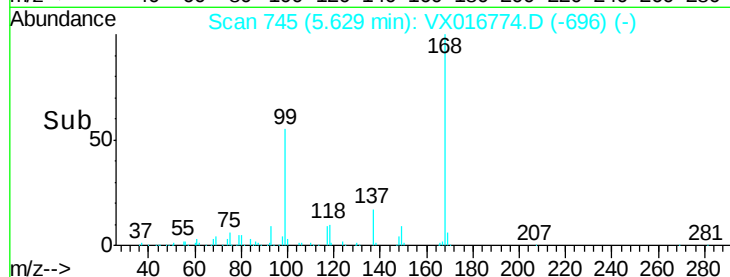
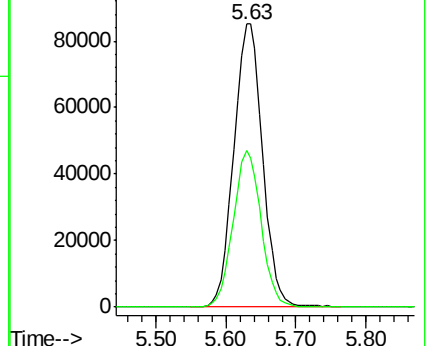
168 100

99 55.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.888 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016774.D

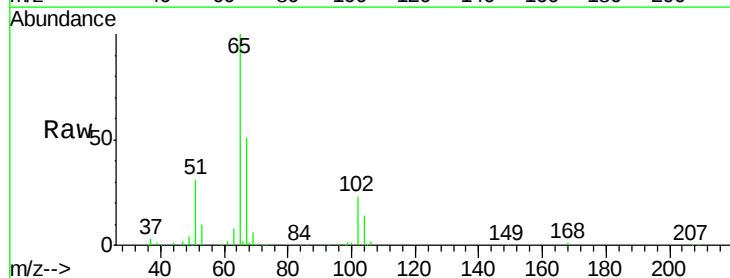
Acq: 16 Jun 2020 13:14

Tgt Ion: 65 Resp: 139038

Ion Ratio Lower Upper

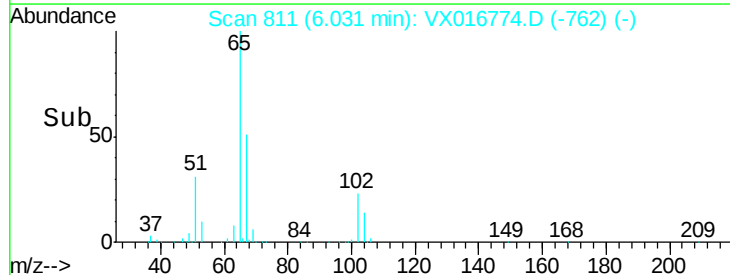
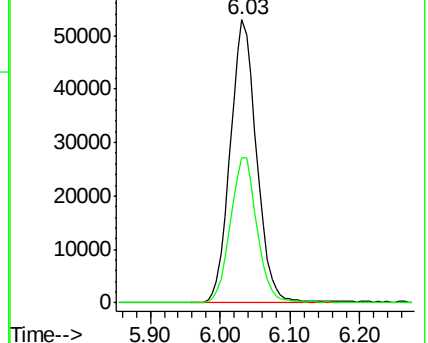
65 100

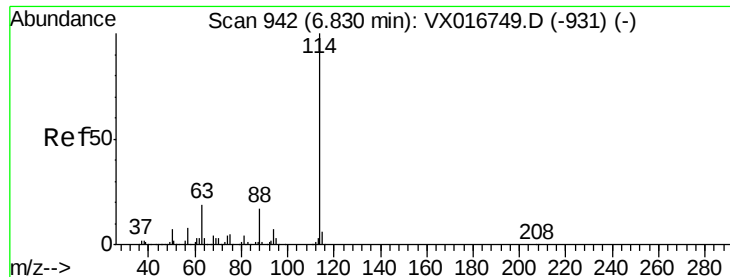
67 51.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

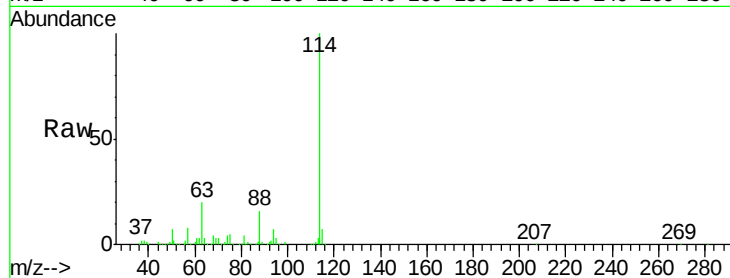
Tot Ion:114 Resp: 384236

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

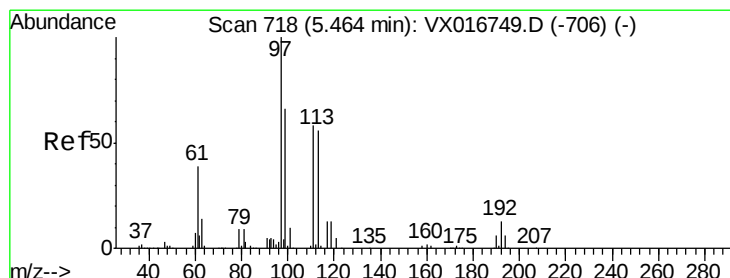
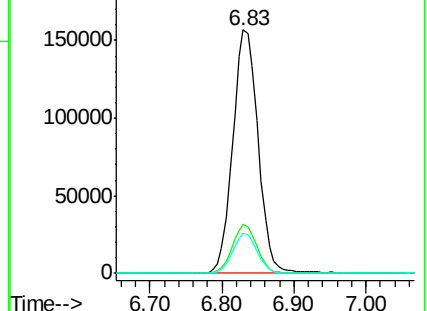
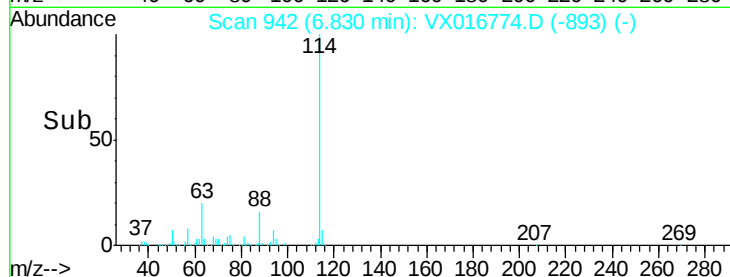
88 16.2 0.0 33.4



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: 49.019 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

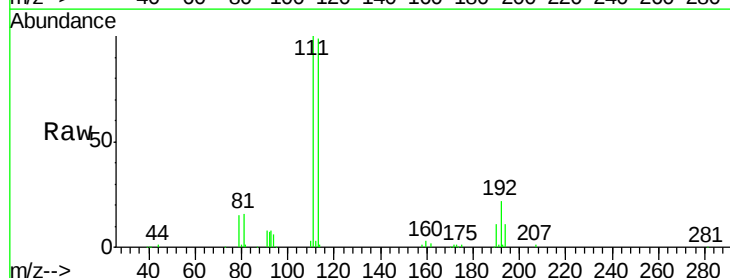
Tgt Ion:113 Resp: 116208

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.6

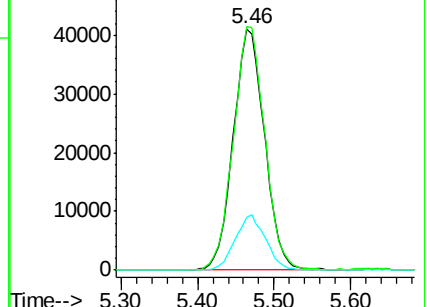
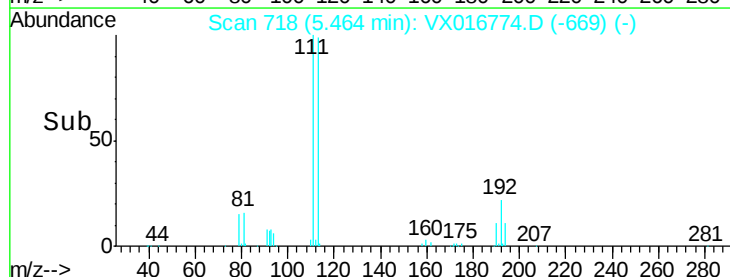
192 22.3 18.2 27.4

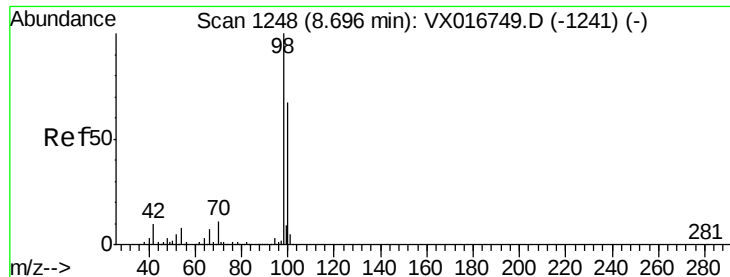


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.822 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

Instrument :

MSVOA\_X

ClientSampleId :

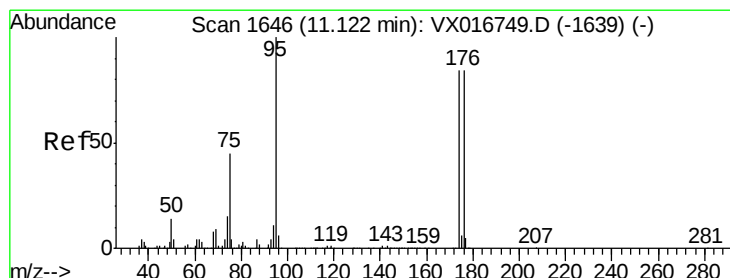
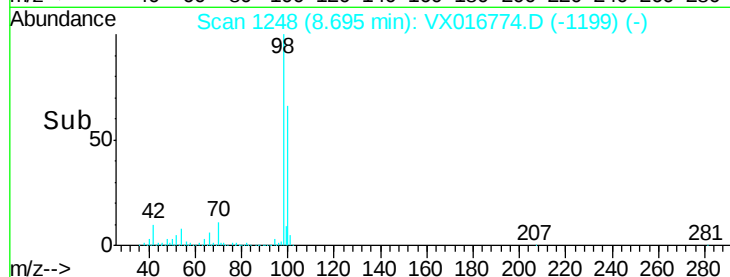
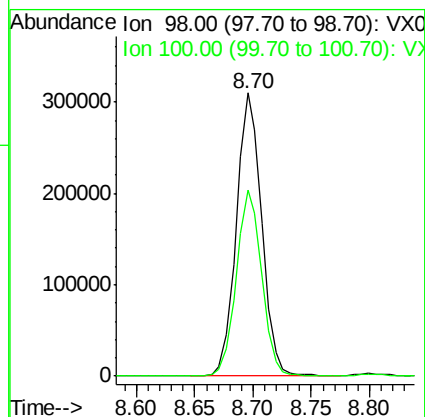
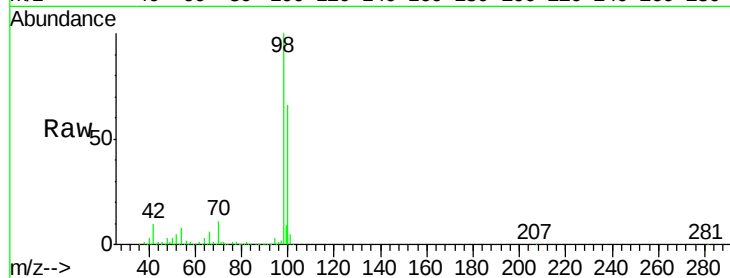
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 470475

Ion Ratio Lower Upper

98 100

100 65.7 53.9 80.9



#62

4-Bromofluorobenzene

Concen: 57.921 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

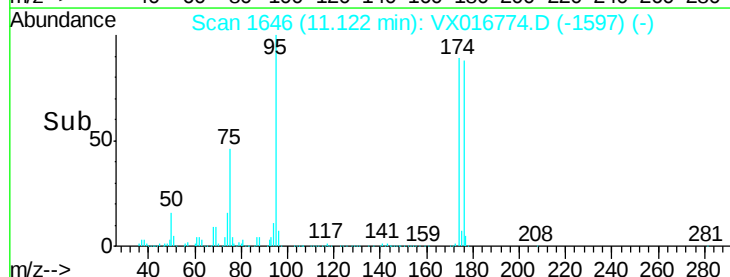
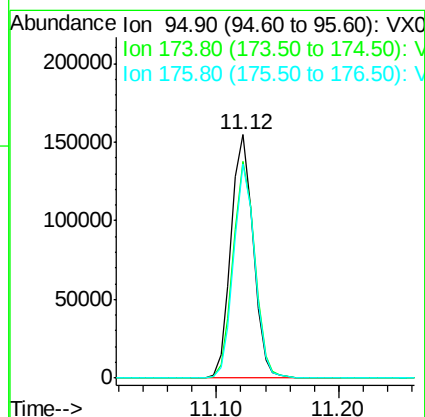
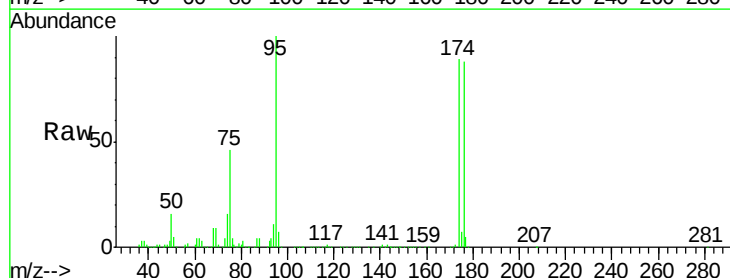
Tgt Ion: 95 Resp: 193662

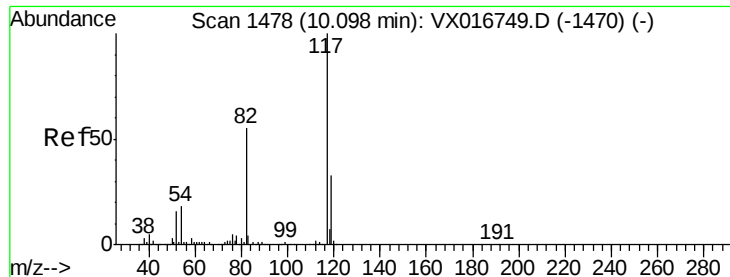
Ion Ratio Lower Upper

95 100

174 87.0 0.0 171.0

176 83.8 0.0 166.2

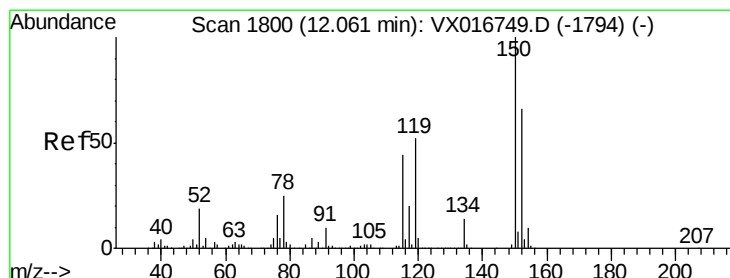
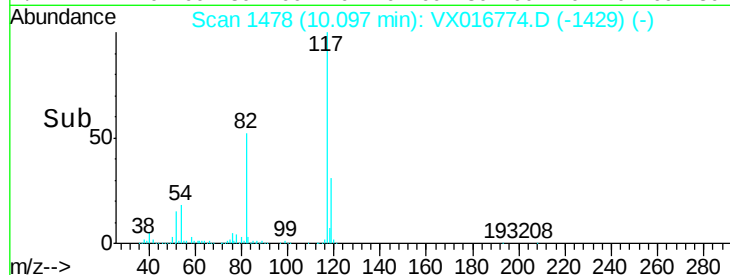
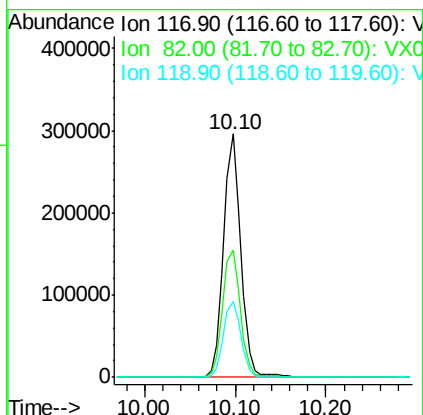
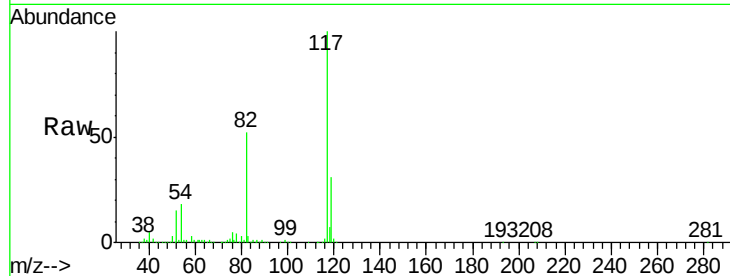




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016774.D  
Acq: 16 Jun 2020 13:14

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

Tot Ion:117 Resp: 392328  
Ion Ratio Lower Upper  
117 100  
82 52.3 43.8 65.6  
119 31.4 26.2 39.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX016774.D  
Acq: 16 Jun 2020 13:14

Tgt Ion:152 Resp: 200657  
Ion Ratio Lower Upper  
152 100  
115 58.6 40.3 120.8  
150 156.9 0.0 337.4

