

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\  
 Data File : VX016773.D  
 Acq On : 16 Jun 2020 12:51  
 Operator : JC/SP  
 Sample : L3000-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 17 04:18:35 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  | 246303   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 389233   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 392070   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 200344   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4   | 6.03   | 65  | 140166   | 50.60 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.20% |      |
| 35) Dibromofluoromethane    | 5.46   | 113 | 116359   | 48.45 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.90%  |      |
| 50) Toluene-d8              | 8.70   | 98  | 473907   | 53.52 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 107.04% |      |
| 62) 4-Bromofluorobenzene    | 11.12  | 95  | 191575   | 56.56 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 113.12% |      |

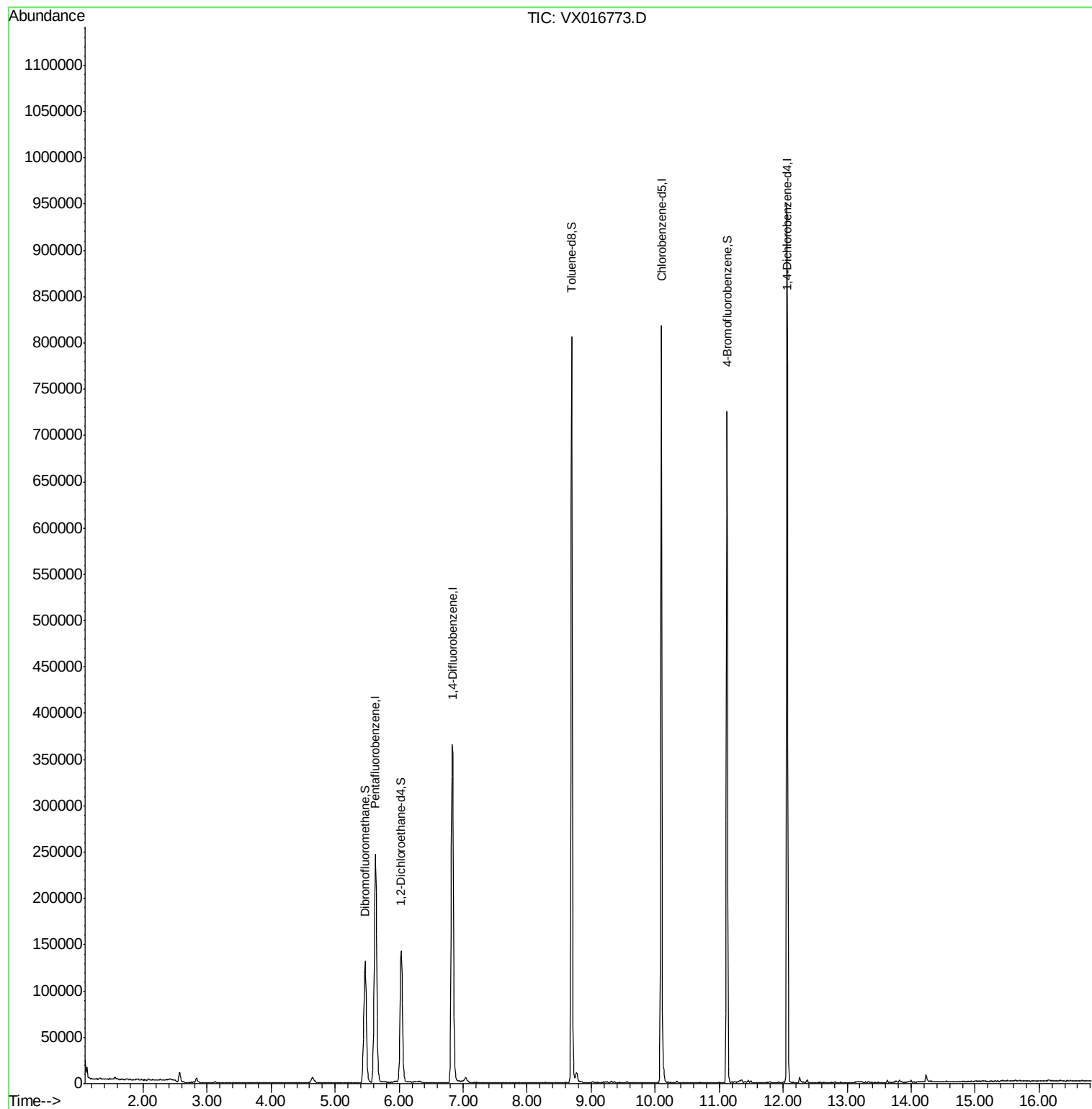
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

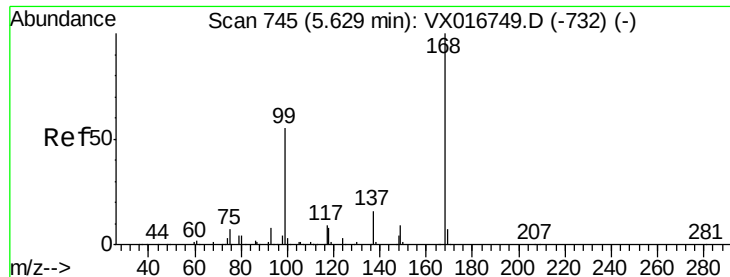
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 17 04:18:35 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061520W.M  
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: VX016773.D

Acq: 16 Jun 2020 12:51

Instrument :

MSVOA\_X

ClientSampleId :

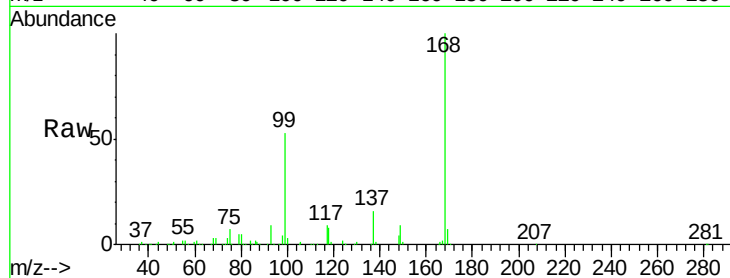
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 246303

Ion Ratio Lower Upper

168 100

99 52.8 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

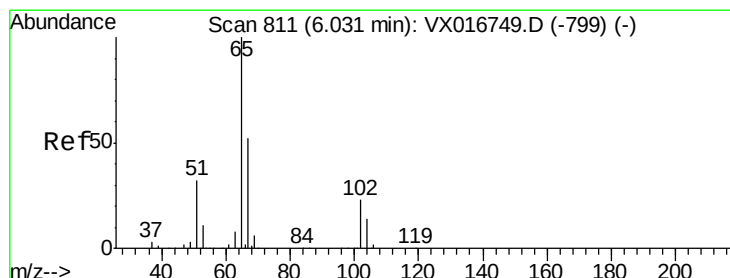
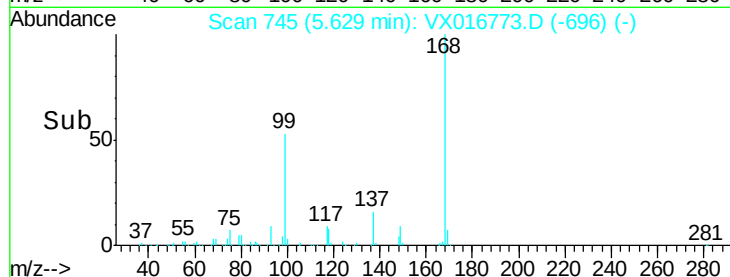
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.595 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016773.D

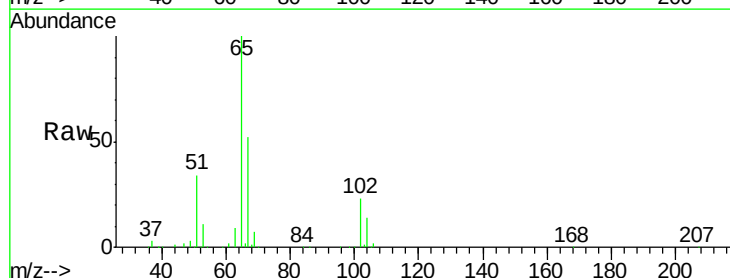
Acq: 16 Jun 2020 12:51

Tgt Ion: 65 Resp: 140166

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

50000

40000

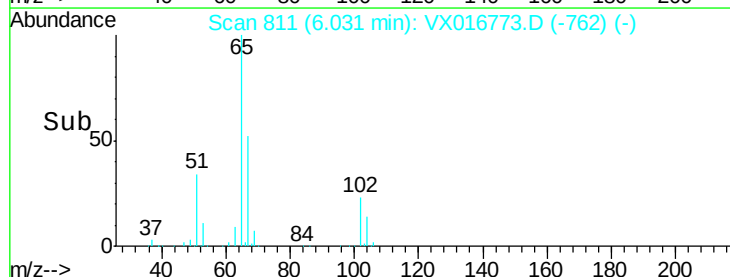
30000

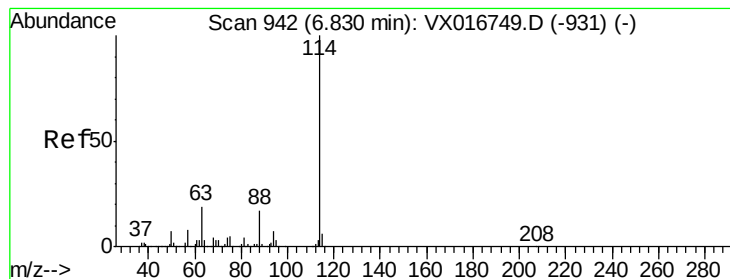
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016773.D

Acq: 16 Jun 2020 12:51

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

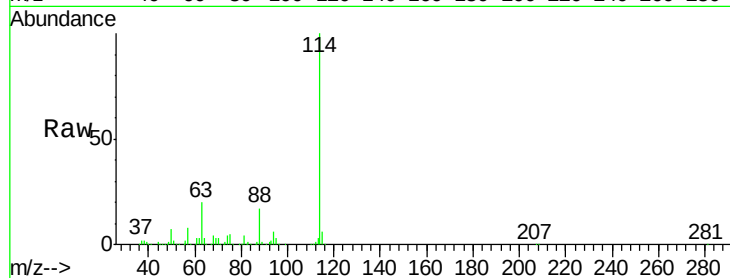
Tot Ion:114 Resp: 389233

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

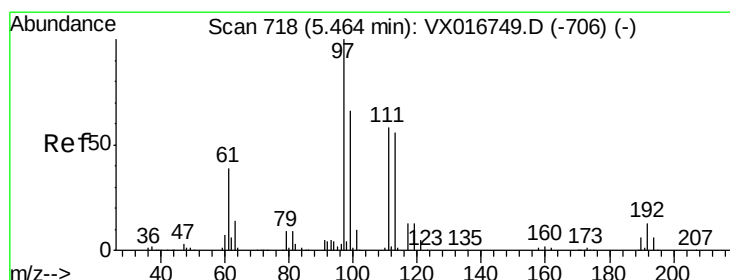
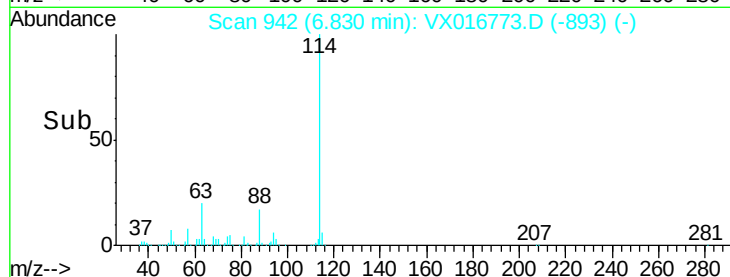
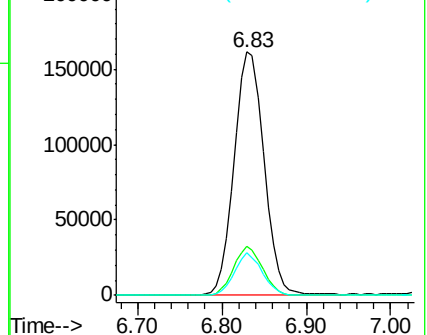
88 17.4 0.0 33.4



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: 48.453 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016773.D

Acq: 16 Jun 2020 12:51

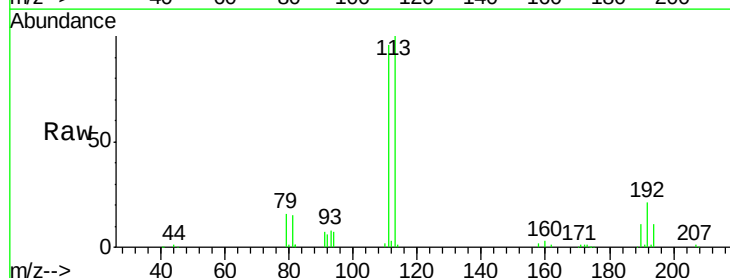
Tgt Ion:113 Resp: 116359

Ion Ratio Lower Upper

113 100

111 100.7 81.8 122.6

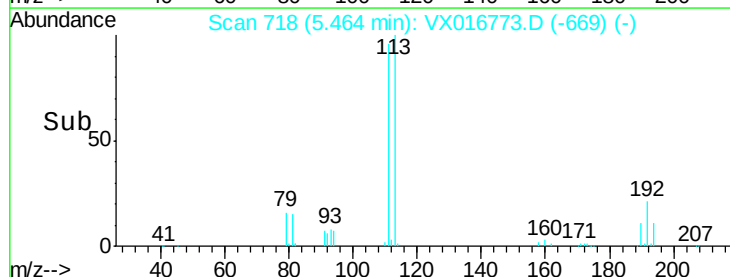
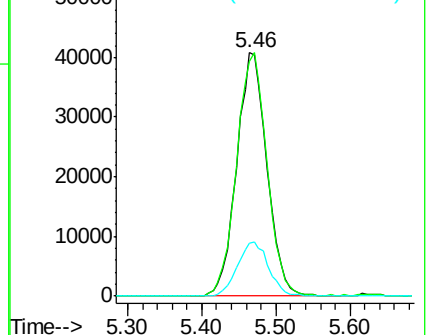
192 22.8 18.2 27.4

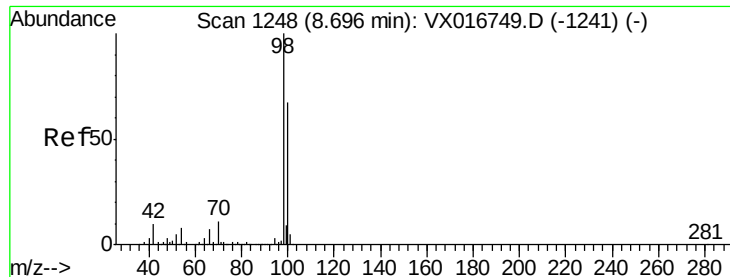


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

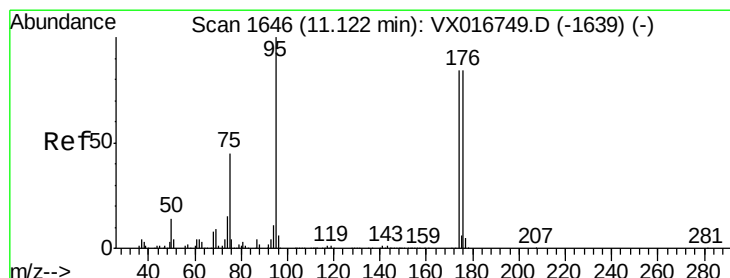
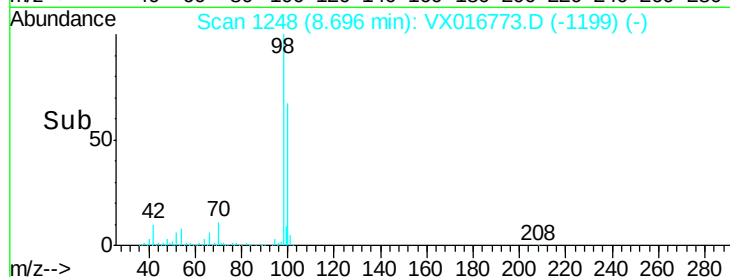
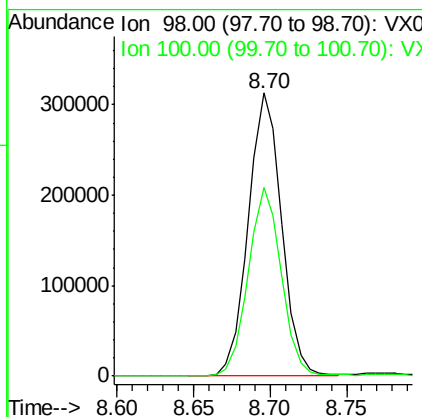
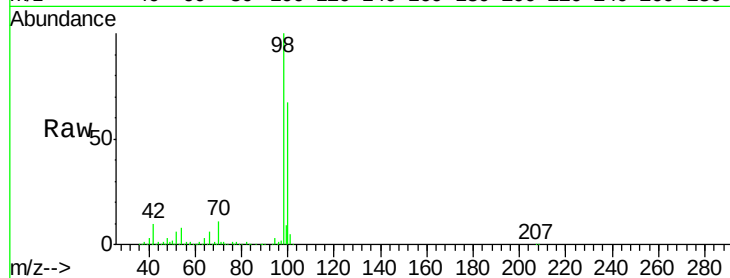




#50  
Toluene-d8  
Concen: 53.519 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX016773.D  
Acq: 16 Jun 2020 12:51

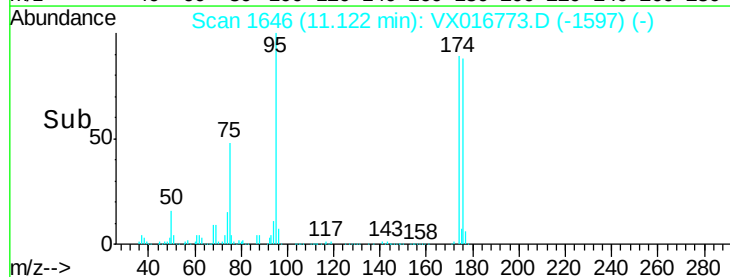
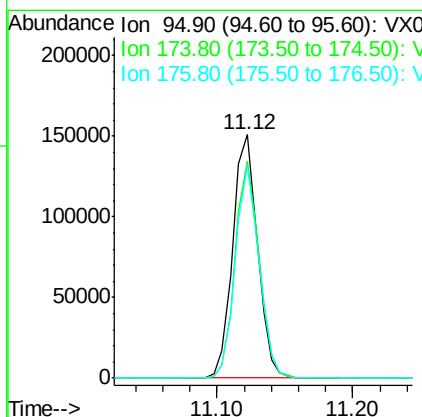
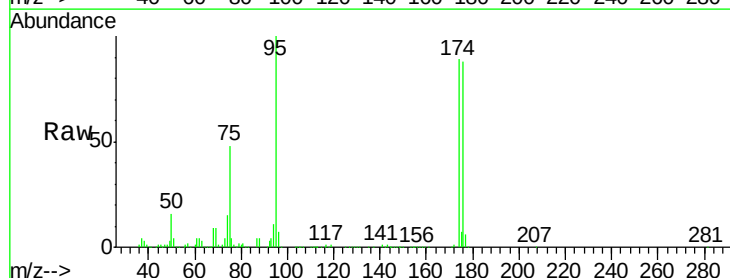
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

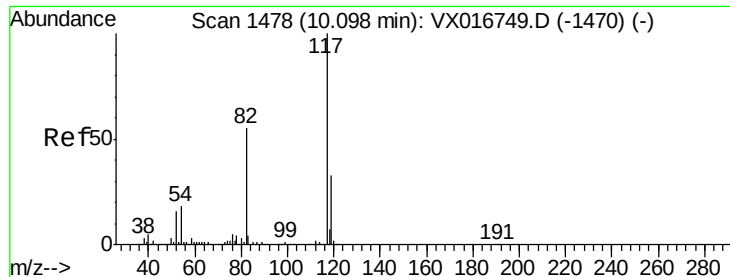
Tot Ion: 98 Resp: 473907  
Ion Ratio Lower Upper  
98 100  
100 66.2 53.9 80.9



#62  
4-Bromofluorobenzene  
Concen: 56.561 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. 0.00 min  
Lab File: VX016773.D  
Acq: 16 Jun 2020 12:51

Tgt Ion: 95 Resp: 191575  
Ion Ratio Lower Upper  
95 100  
174 86.9 0.0 171.0  
176 83.7 0.0 166.2

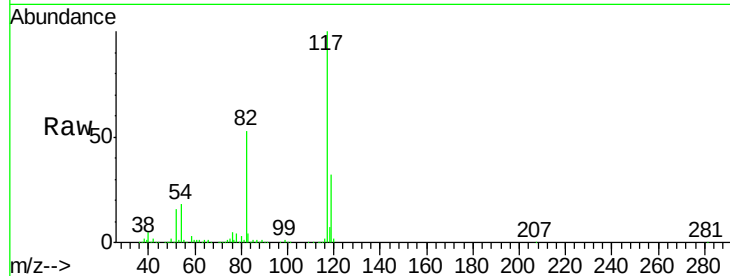




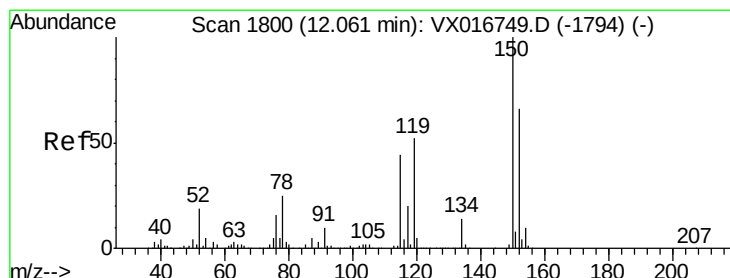
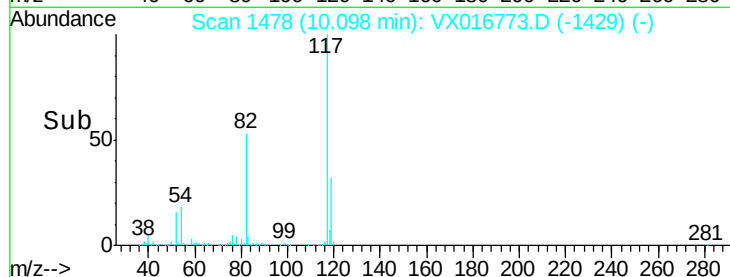
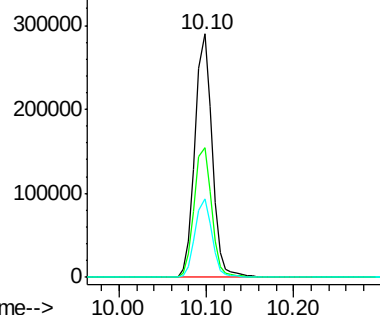
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016773.D  
Acq: 16 Jun 2020 12:51

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

Tot Ion:117 Resp: 392070  
Ion Ratio Lower Upper  
117 100  
82 53.5 43.8 65.6  
119 32.5 26.2 39.4

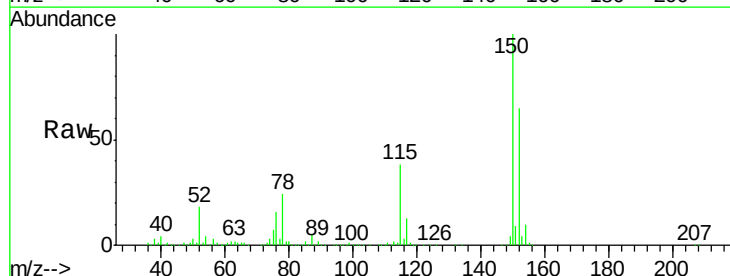


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX016773.D  
Acq: 16 Jun 2020 12:51

Tgt Ion:152 Resp: 200344  
Ion Ratio Lower Upper  
152 100  
115 58.1 40.3 120.8  
150 158.0 0.0 337.4



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

