

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\  
 Data File : VX007795.D  
 Acq On : 01 Mar 2019 17:40  
 Operator : JC/SP  
 Sample : K1701-07  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 M2-T5-OZ(POST-HYPO)

Quant Time: Mar 01 23:12:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 26 01:53:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.61  | 168  | 95488    | 50.00 | ug/l  | -0.06    |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 60148    | 50.00 | ug/l  | -0.03    |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 173866   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 140724   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 4639     | 3.92   | ug/l    | -0.04    |
| Spiked Amount               |       |      | Recovery | =      | 7.84%   |          |
| 35) Dibromofluoromethane    | 5.45  | 113  | 3436     | 8.55   | ug/l    | -0.06    |
| Spiked Amount               |       |      | Recovery | =      | 17.10%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 189144   | 122.88 | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =      | 245.76% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 112152   | 198.51 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 397.02% |          |

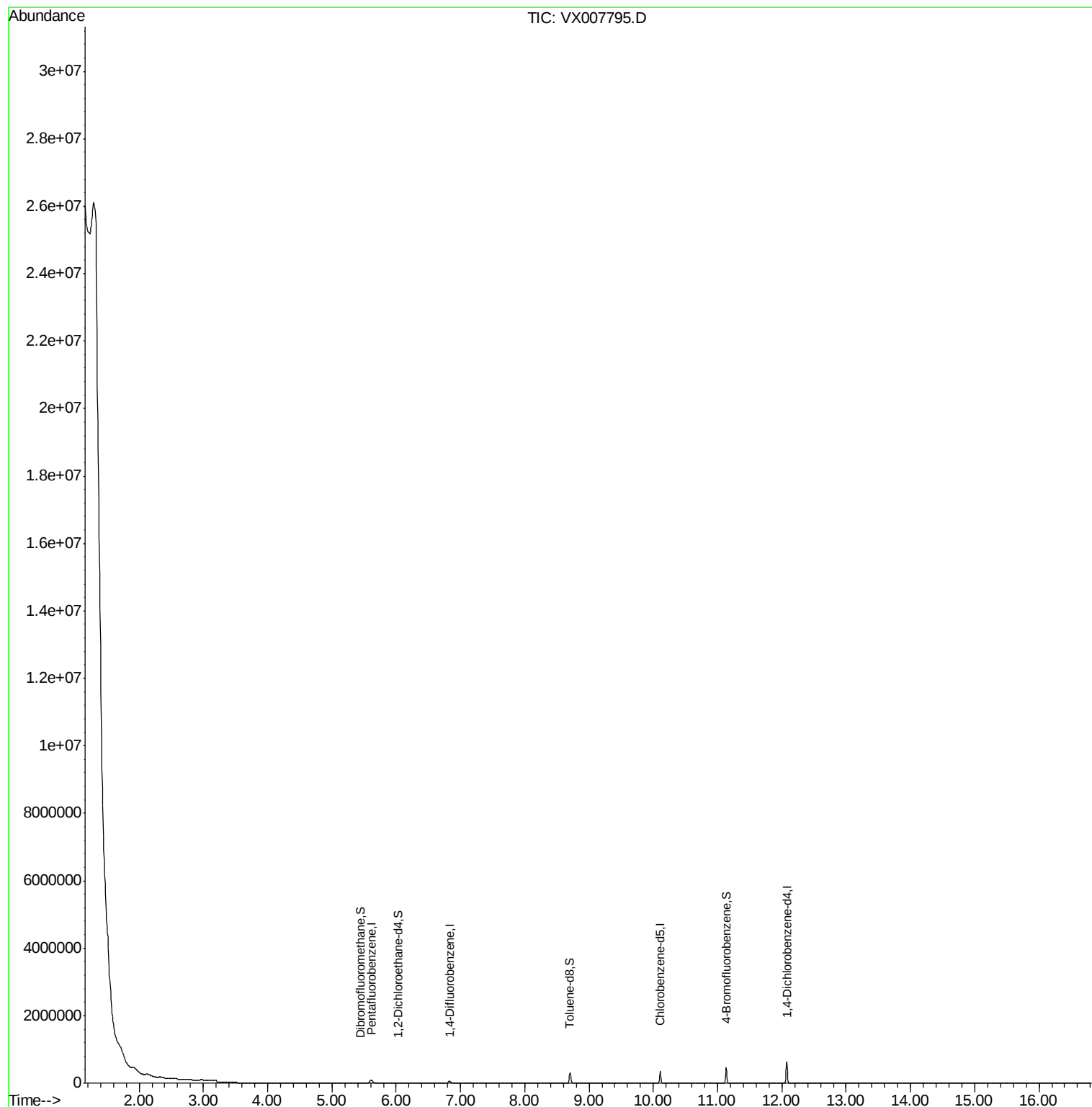
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

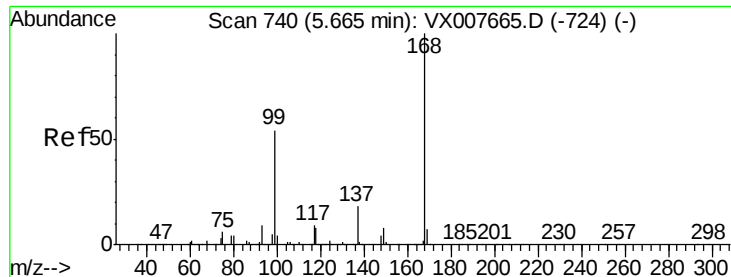
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030119\  
Data File : VX007795.D  
Acq On : 01 Mar 2019 17:40  
Operator : JC/SP  
Sample : K1701-07  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
M2-T5-OZ(POST-HYPO)

Quant Time: Mar 01 23:12:56 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 26 01:53:13 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 731

Delta R.T. -0.06 min

Lab File: VX007795.D

Acq: 01 Mar 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

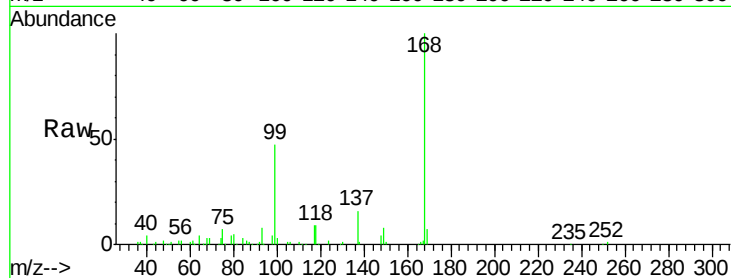
M2-T5-OZ(POST-HYPO)

Tot Ion:168 Resp: 95488

Ion Ratio Lower Upper

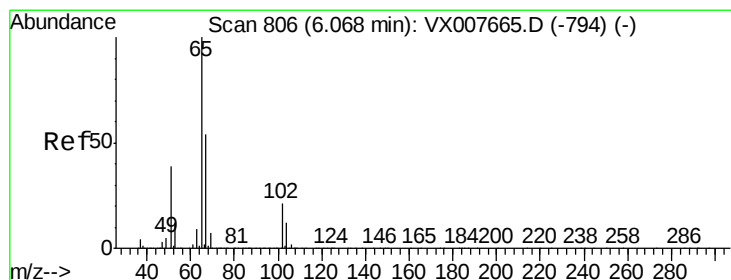
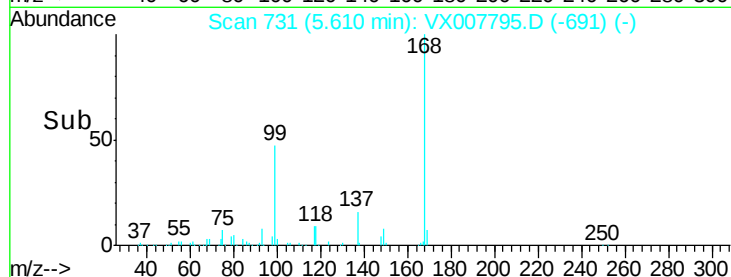
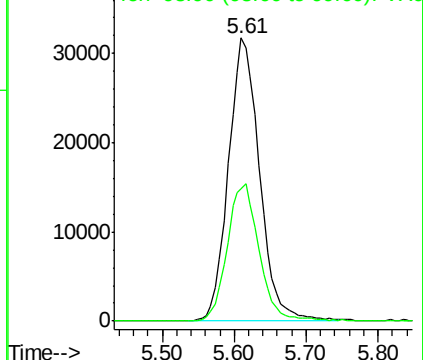
168 100

99 46.9 37.9 56.9



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: 3.922 ug/l

RT: 6.03 min Scan# 800

Delta R.T. -0.04 min

Lab File: VX007795.D

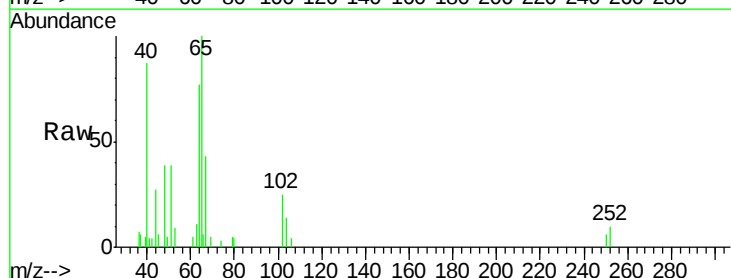
Acq: 01 Mar 2019 17:40

Tgt Ion: 65 Resp: 4639

Ion Ratio Lower Upper

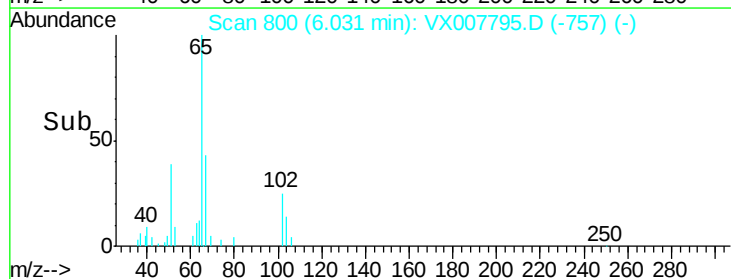
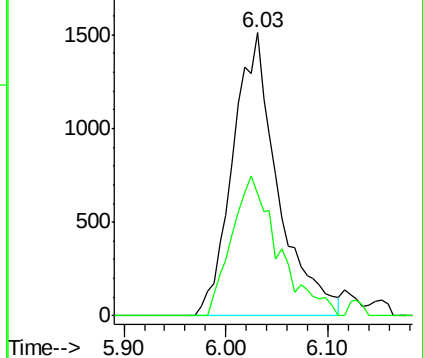
65 100

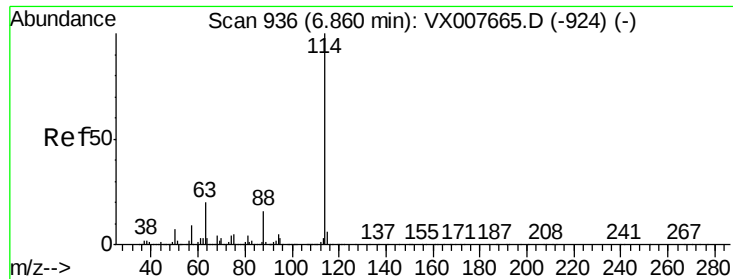
67 51.4 0.0 108.8



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# 931

Delta R.T. -0.03 min

Lab File: VX007795.D

Acq: 01 Mar 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

M2-T5-OZ(POST-HYPO)

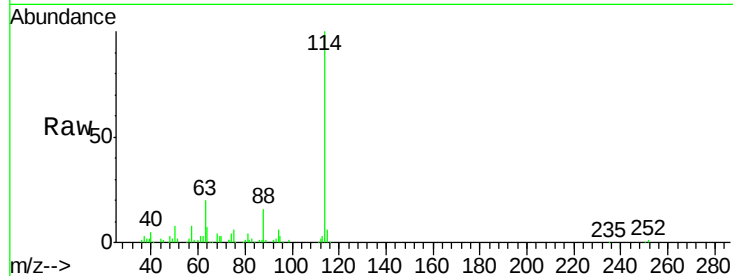
Tot Ion:114 Resp: 60148

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.6

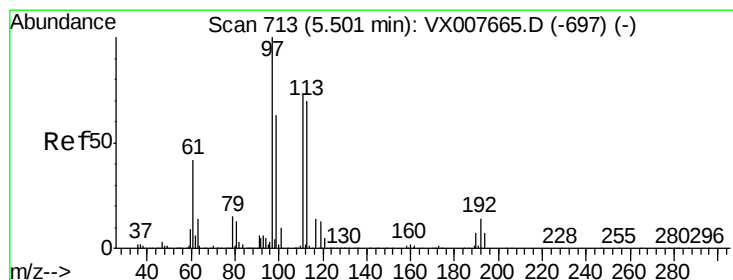
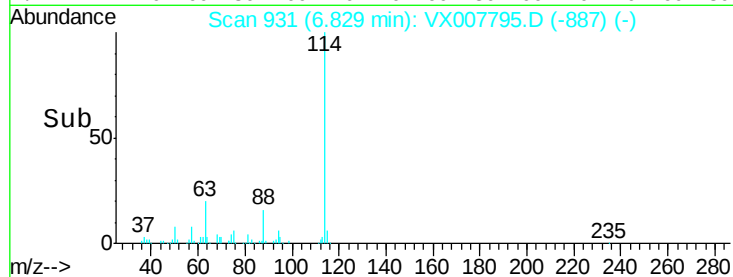
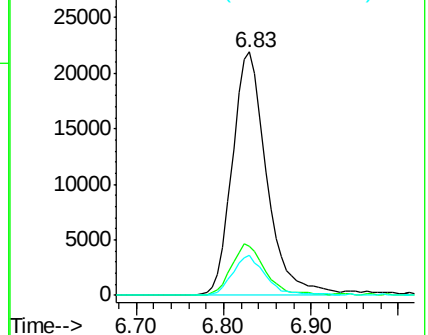
88 16.3 0.0 29.6



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: 8.546 ug/l

RT: 5.45 min Scan# 704

Delta R.T. -0.06 min

Lab File: VX007795.D

Acq: 01 Mar 2019 17:40

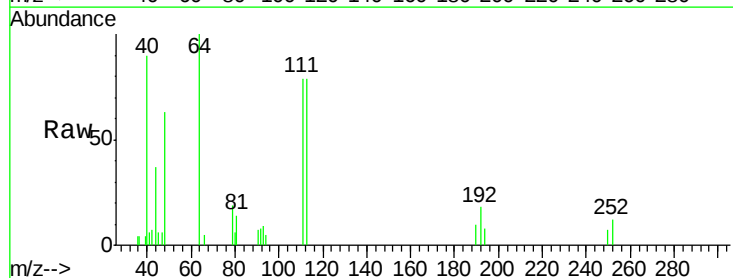
Tgt Ion:113 Resp: 3436

Ion Ratio Lower Upper

113 100

111 100.4 81.8 122.8

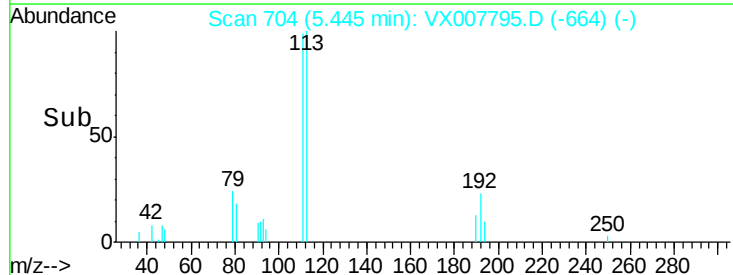
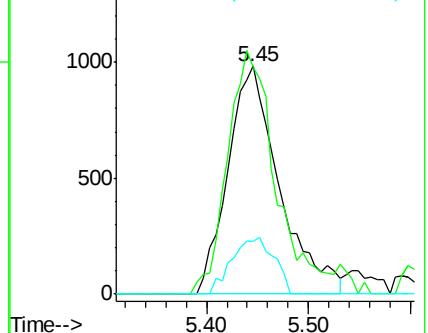
192 20.4 18.5 27.7



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: 122.878 ug/l

RT: 8.70 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VX007795.D

Acq: 01 Mar 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

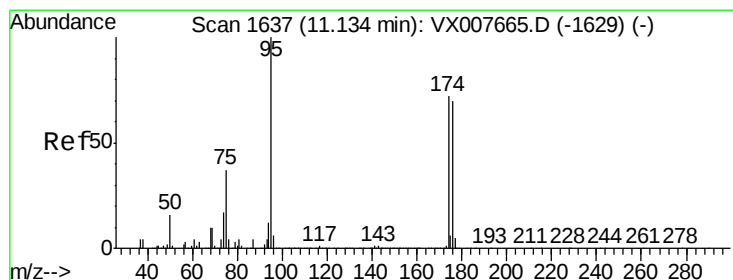
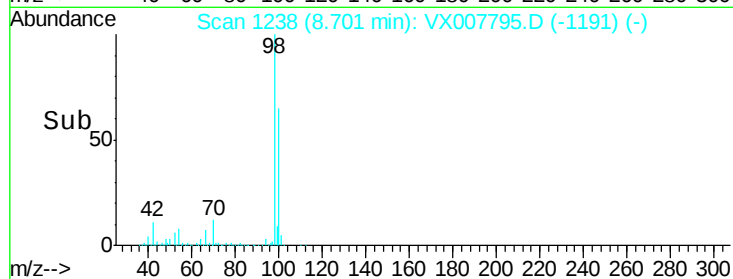
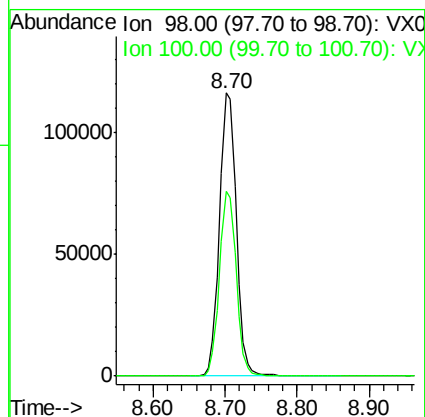
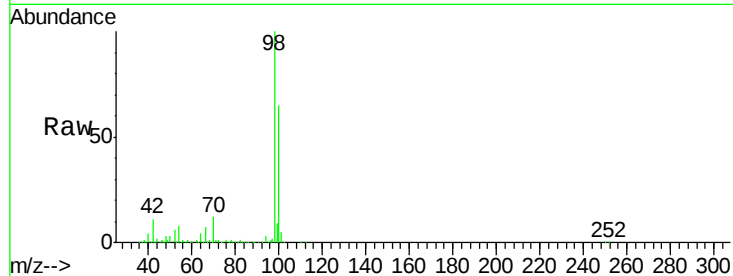
M2-T5-OZ(POST-HYPO)

Tot Ion: 98 Resp: 189144

Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 198.509 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007795.D

Acq: 01 Mar 2019 17:40

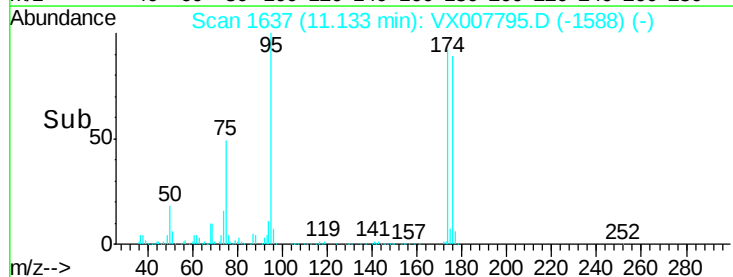
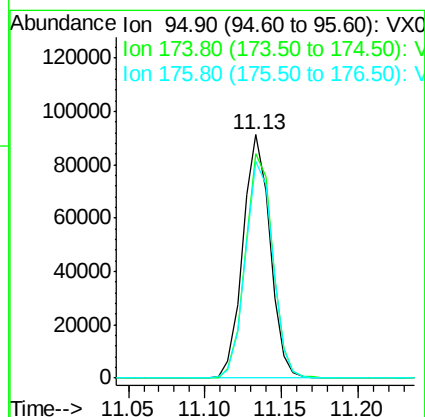
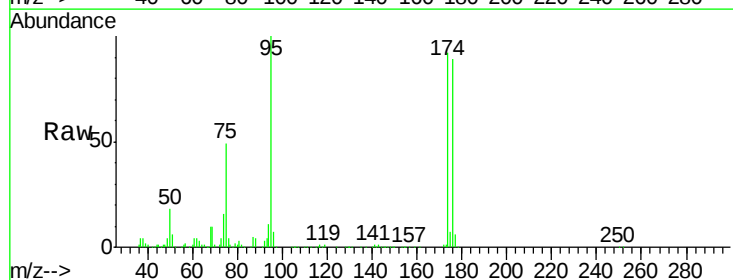
Tgt Ion: 95 Resp: 112152

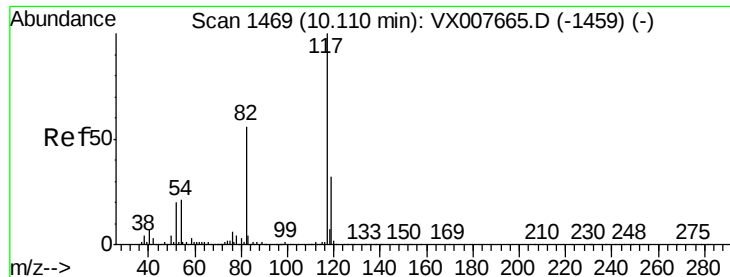
Ion Ratio Lower Upper

95 100

174 93.7 0.0 189.2

176 91.1 0.0 186.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007795.D

Acq: 01 Mar 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

M2-T5-OZ(POST-HYPO)

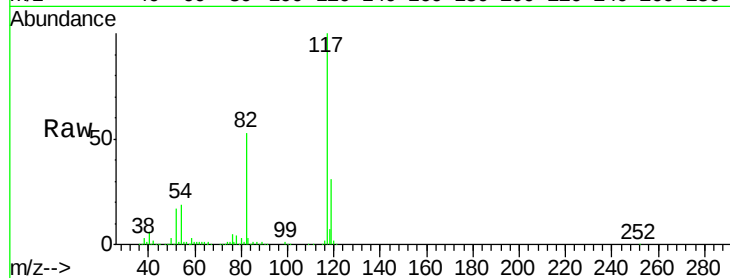
Tot Ion:117 Resp: 173866

Ion Ratio Lower Upper

117 100

82 52.7 42.1 63.1

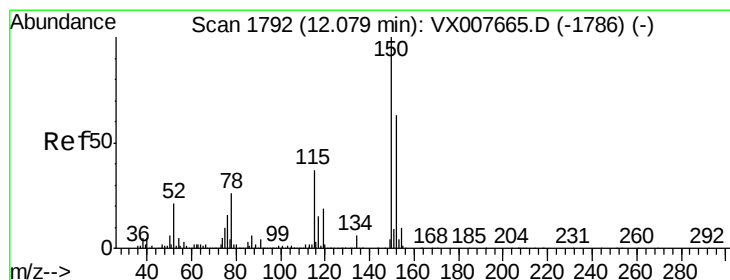
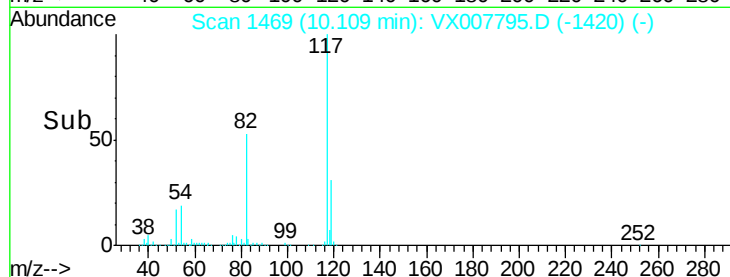
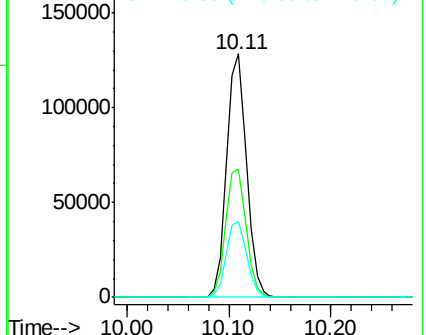
119 31.4 26.5 39.7



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: VX007795.D

Acq: 01 Mar 2019 17:40

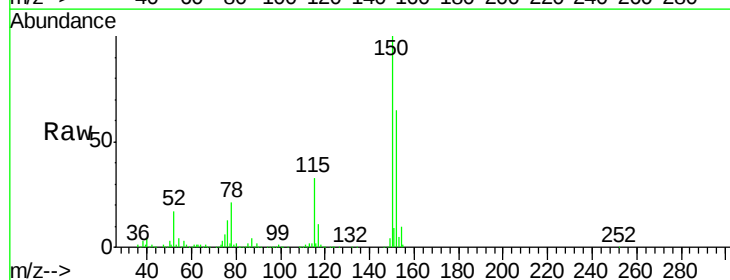
Tgt Ion:152 Resp: 140724

Ion Ratio Lower Upper

152 100

115 54.4 38.0 114.0

150 156.4 0.0 346.4



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

