

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080520\
 Data File : VX017789.D
 Acq On : 05 Aug 2020 11:44
 Operator : JC/SP
 Sample : L3570-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200804

Quant Time: Aug 06 02:47:26 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	5.63	168	566552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	828620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	766216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	343392	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	359864	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	5.46	113	283660	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	8.70	98	983112	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.12	95	335800	41.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.94%	

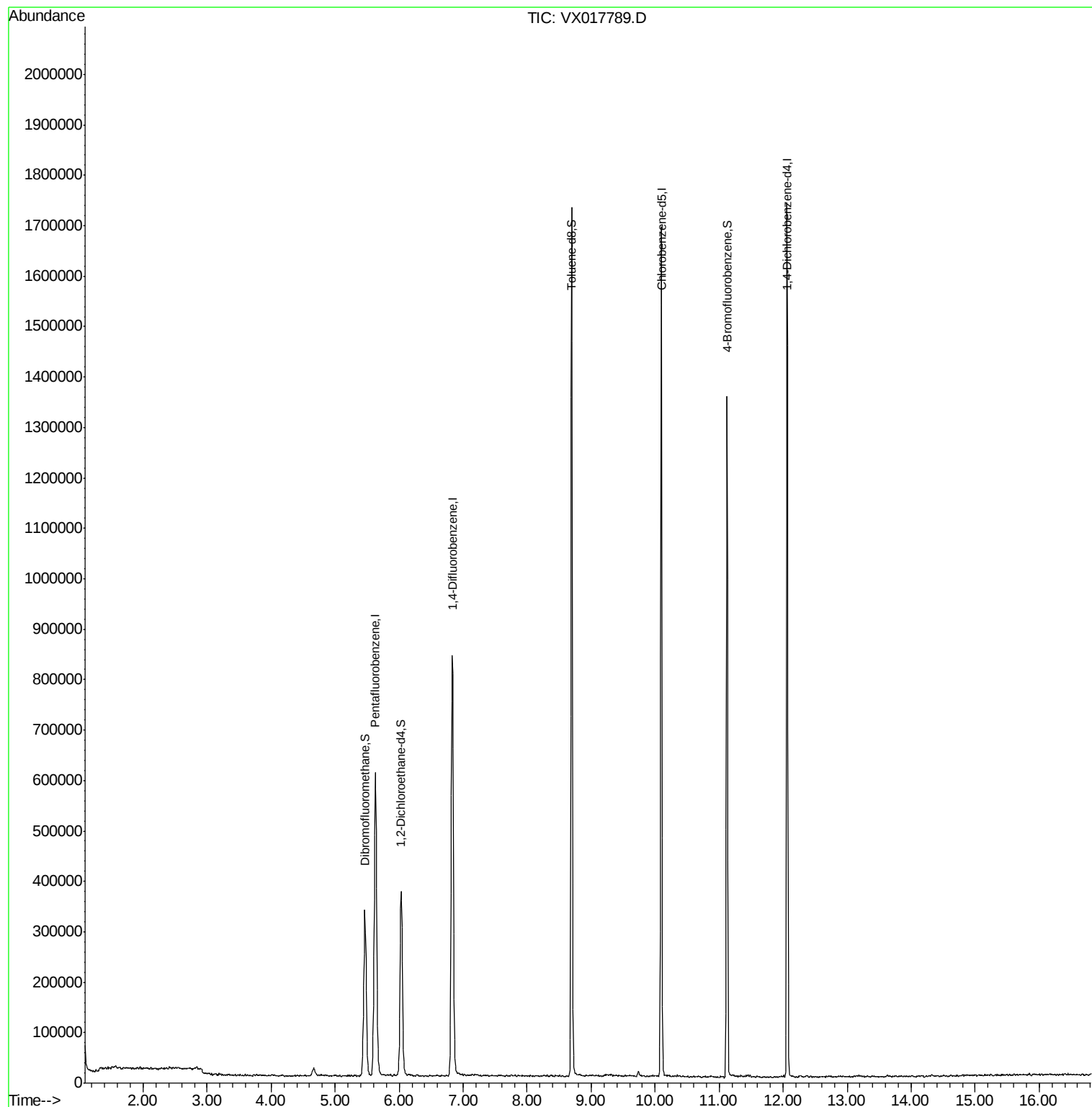
Target Compounds	Qvalue

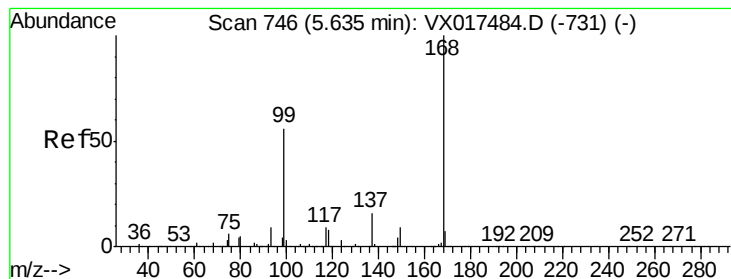
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080520\
Data File : VX017789.D
Acq On : 05 Aug 2020 11:44
Operator : JC/SP
Sample : L3570-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200804

Quant Time: Aug 06 02:47:26 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: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017789.D

Acq: 05 Aug 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

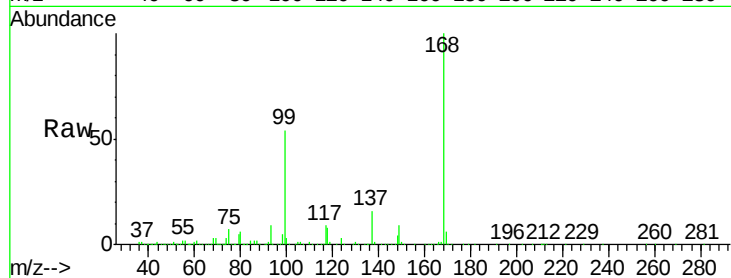
TB-01-200804

Tot Ion:168 Resp: 566552

Ion Ratio Lower Upper

168 100

99 54.3 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

150000

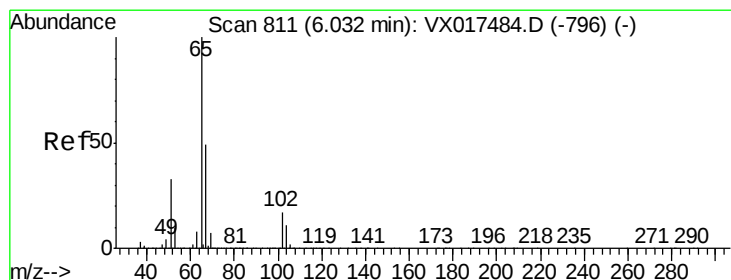
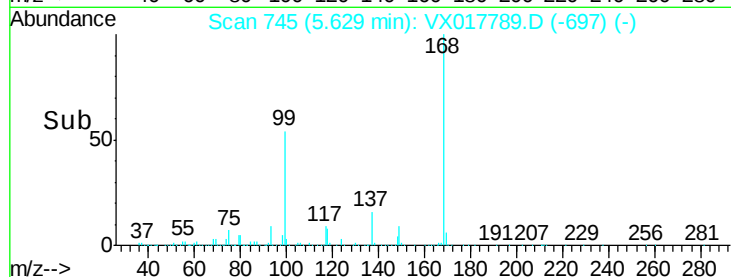
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.448 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017789.D

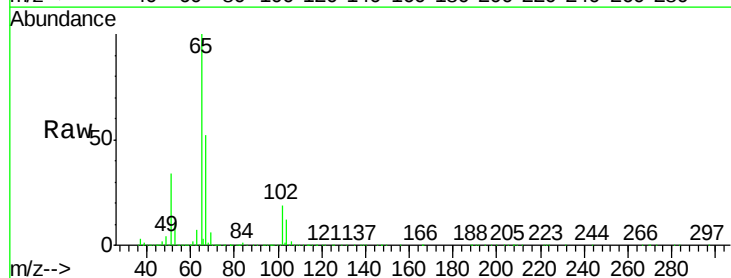
Acq: 05 Aug 2020 11:44

Tgt Ion: 65 Resp: 359864

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

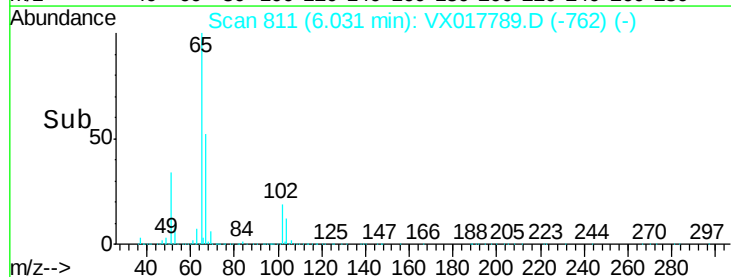
100000

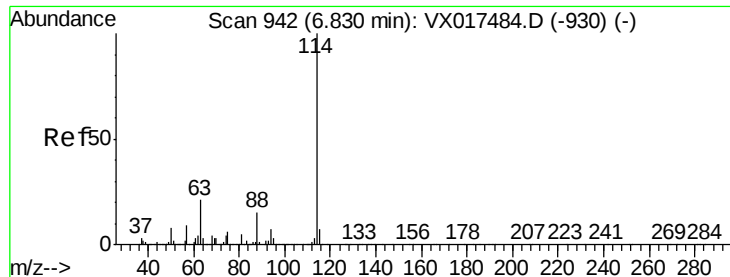
50000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017789.D

Acq: 05 Aug 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200804

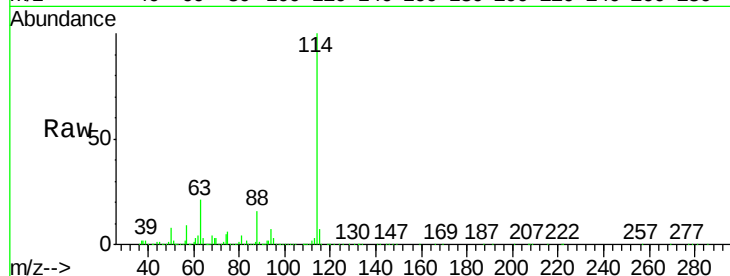
Tot Ion:114 Resp: 828620

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.6

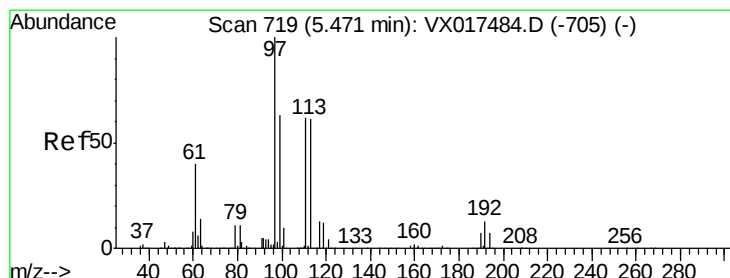
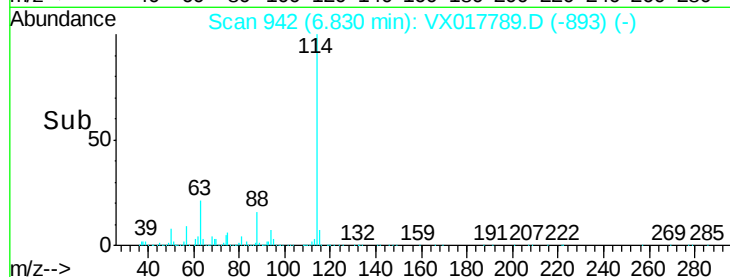
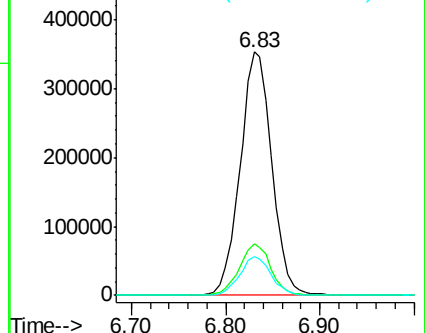
88 15.7 0.0 33.4



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: 51.185 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017789.D

Acq: 05 Aug 2020 11:44

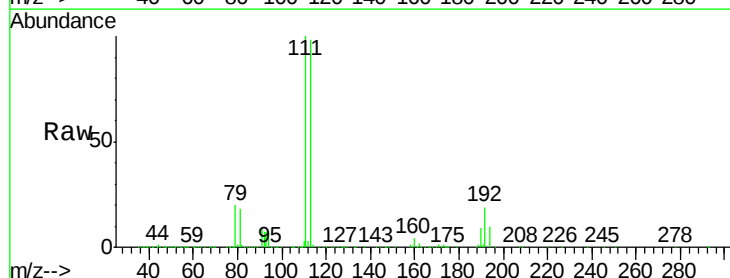
Tgt Ion:113 Resp: 283660

Ion Ratio Lower Upper

113 100

111 101.2 80.7 121.1

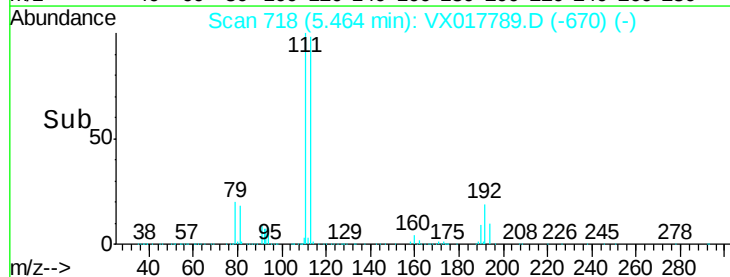
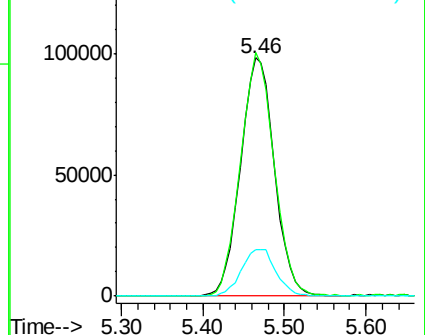
192 20.2 16.9 25.3

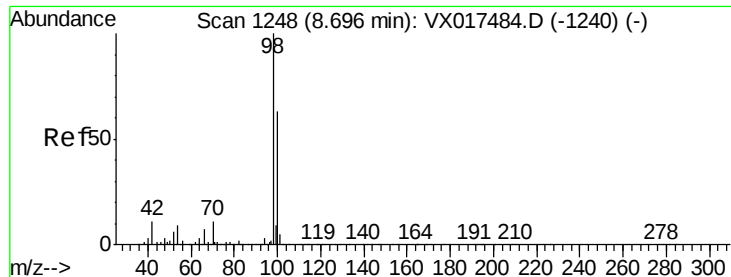


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.175 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017789.D

Acq: 05 Aug 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

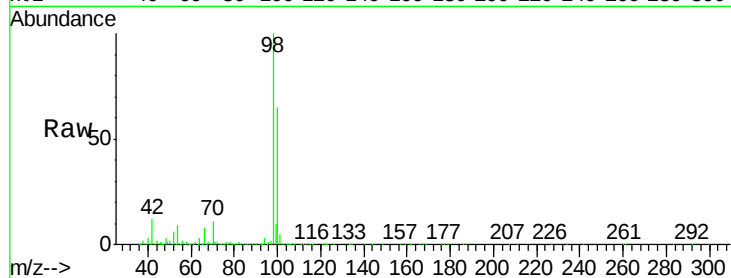
TB-01-200804

Tot Ion: 98 Resp: 983112

Ion Ratio Lower Upper

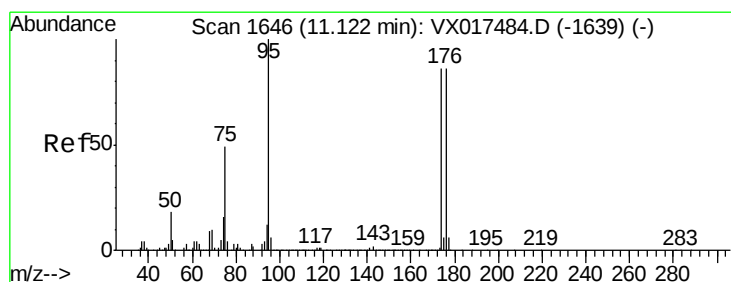
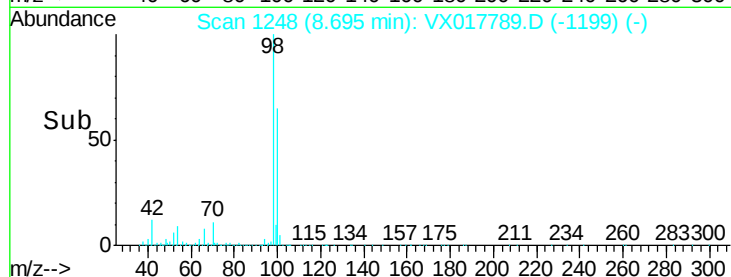
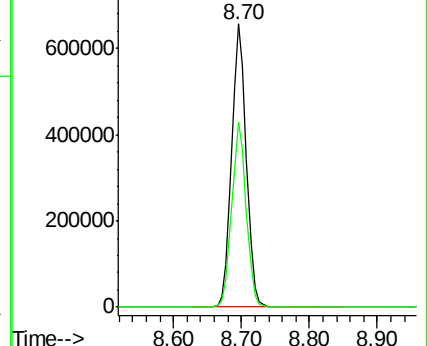
98 100

100 64.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 41.970 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017789.D

Acq: 05 Aug 2020 11:44

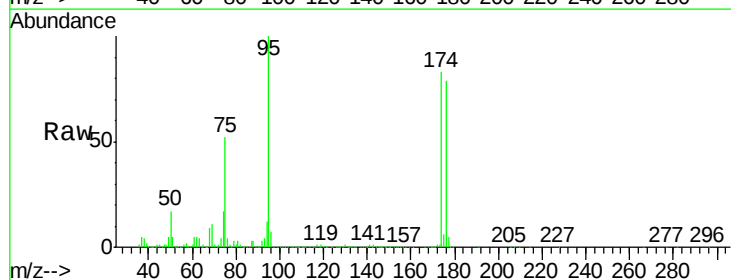
Tgt Ion: 95 Resp: 335800

Ion Ratio Lower Upper

95 100

174 85.5 0.0 169.0

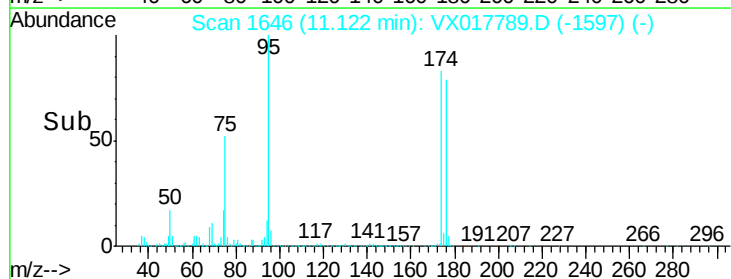
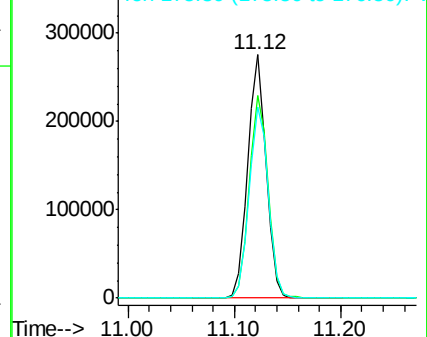
176 81.6 0.0 161.0

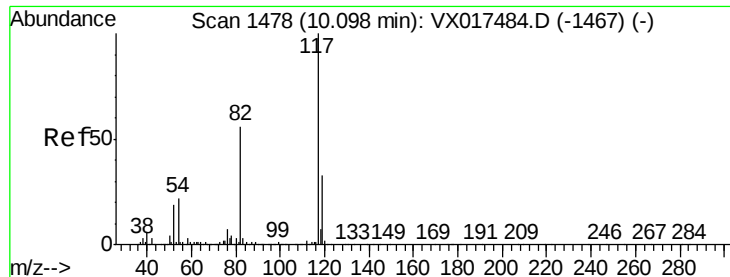


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

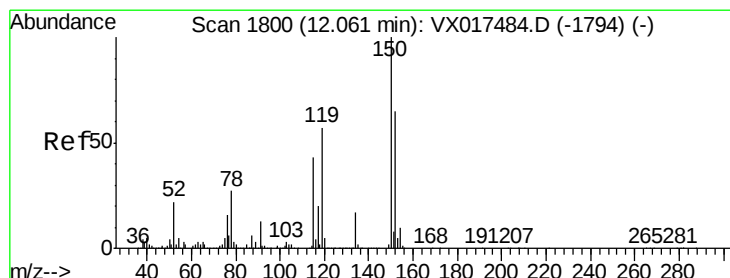
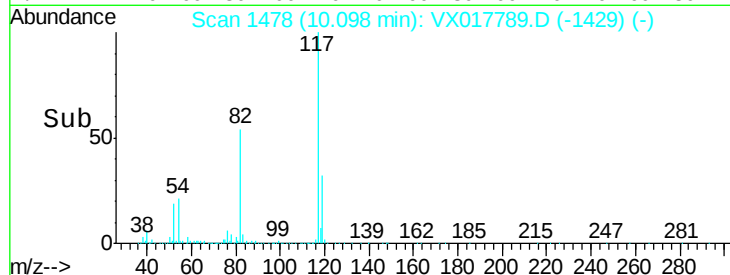
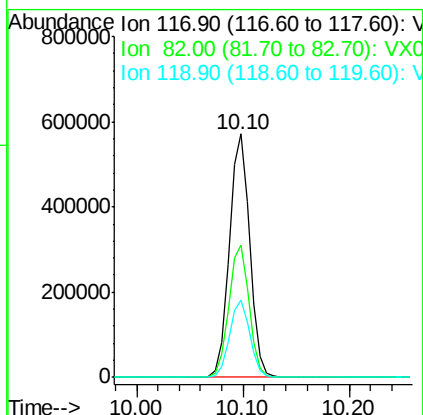
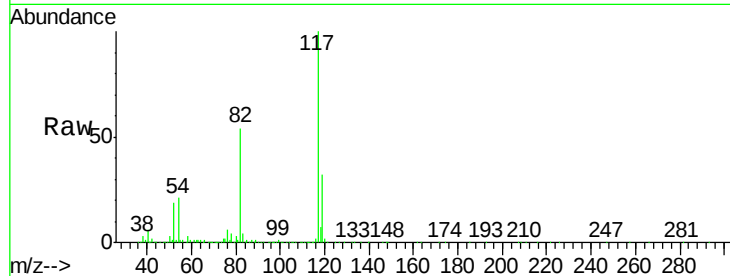




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017789.D
Acq: 05 Aug 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200804

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.0	66.0
119	31.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017789.D
Acq: 05 Aug 2020 11:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	65.5	196.6#
150	160.0	0.0	412.6

