

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017108.D
 Acq On : 01 Jul 2020 19:03
 Operator : JC/SP
 Sample : L3159-01 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50BR-20200629

Quant Time: Jul 02 03:27:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	226420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	388166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	392268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207688	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	149201	53.45	ug/l	0.00
Spiked Amount			Recovery	=	106.90%	
35) Dibromofluoromethane	5.47	113	127436	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
50) Toluene-d8	8.70	98	471231	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.12	95	194669	54.85	ug/l	0.00
Spiked Amount			Recovery	=	109.70%	

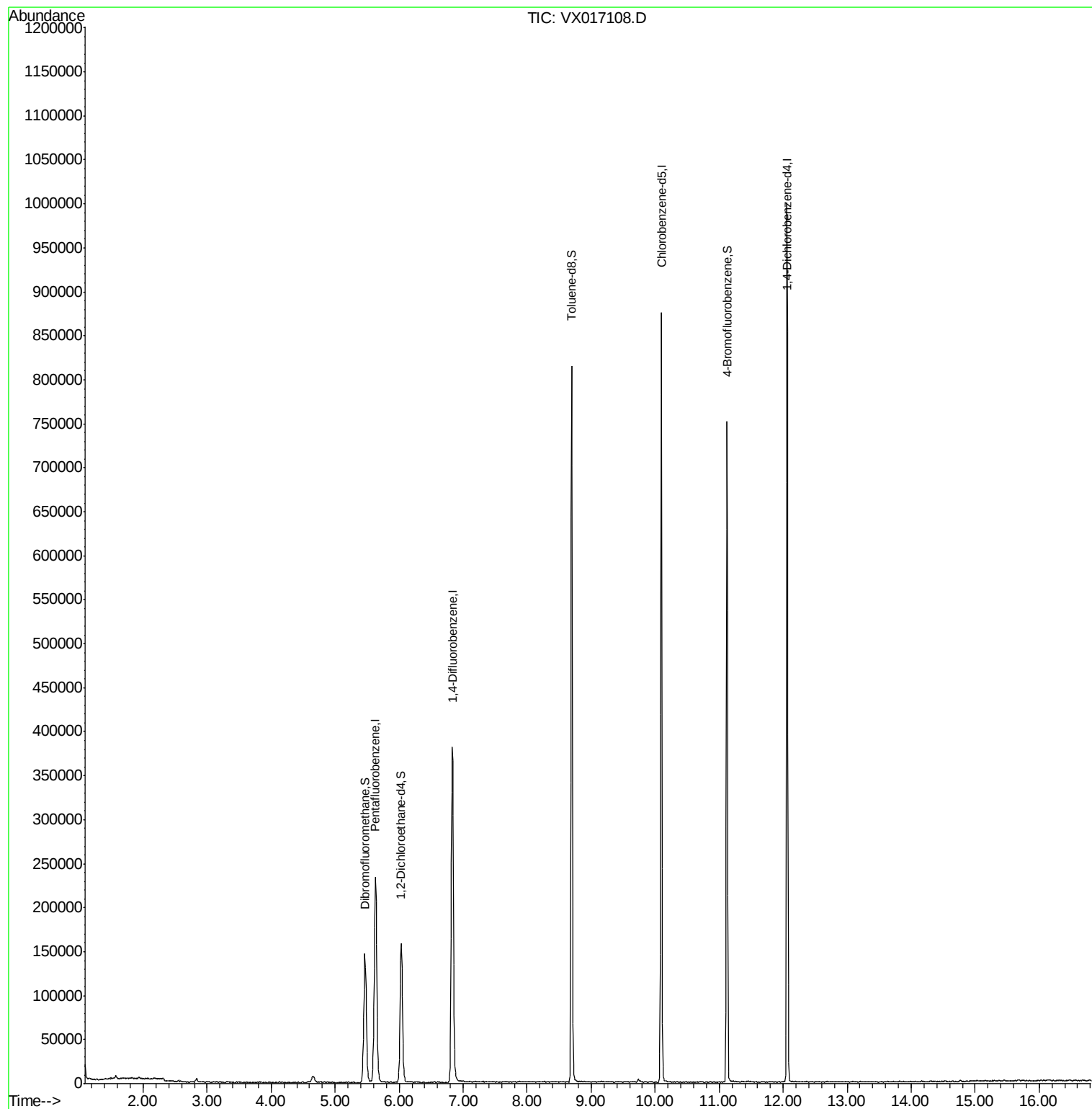
Target Compounds	Qvalue
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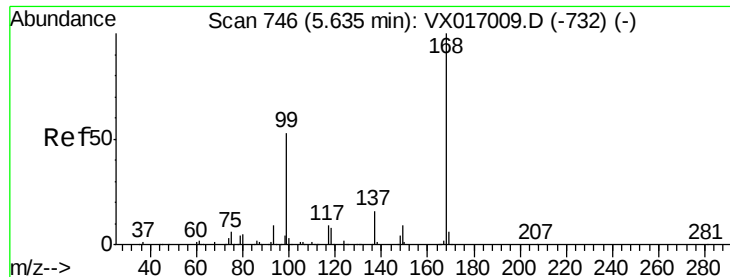
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017108.D

Acq: 01 Jul 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

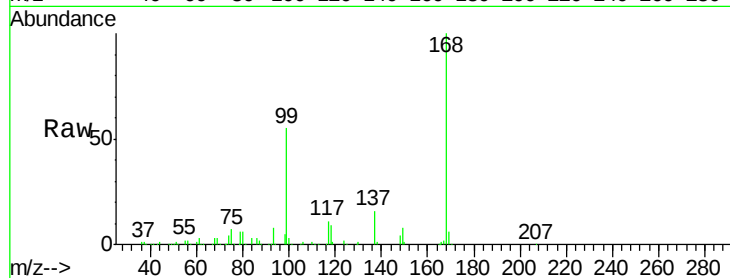
50BR-20200629

Tot Ion:168 Resp: 226420

Ion Ratio Lower Upper

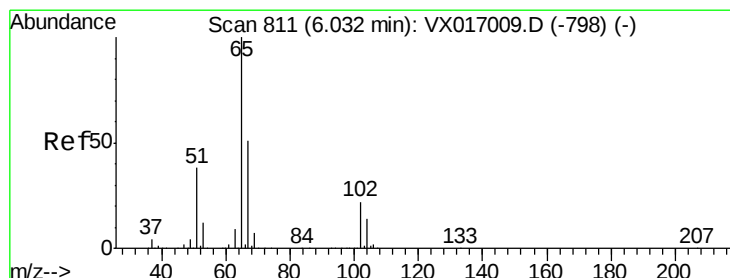
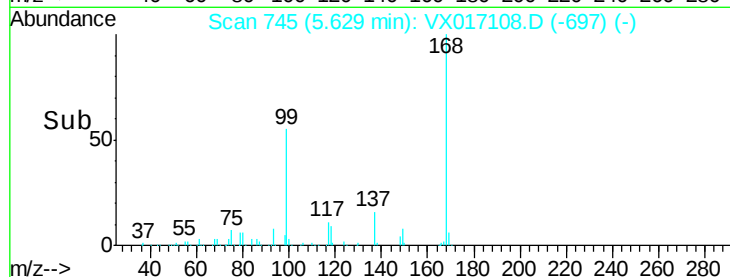
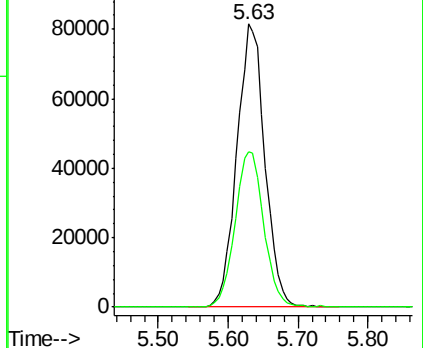
168 100

99 54.7 42.6 64.0



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: 53.452 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017108.D

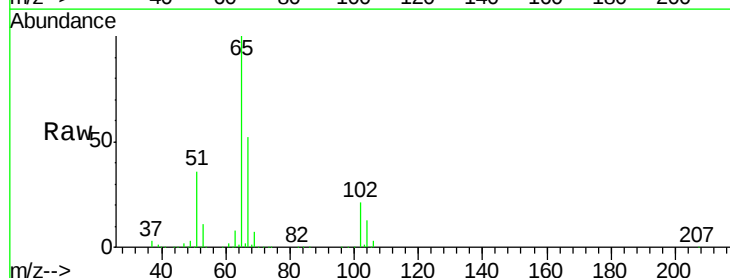
Acq: 01 Jul 2020 19:03

Tgt Ion: 65 Resp: 149201

Ion Ratio Lower Upper

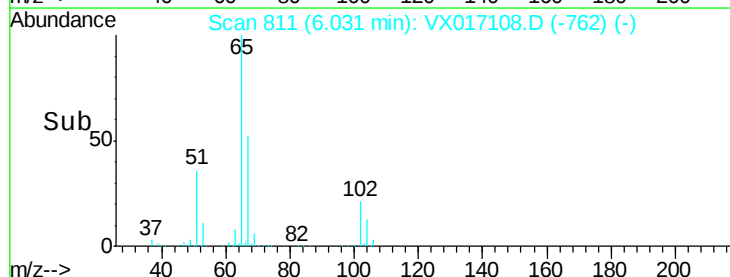
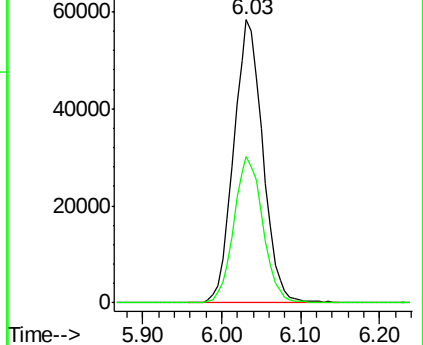
65 100

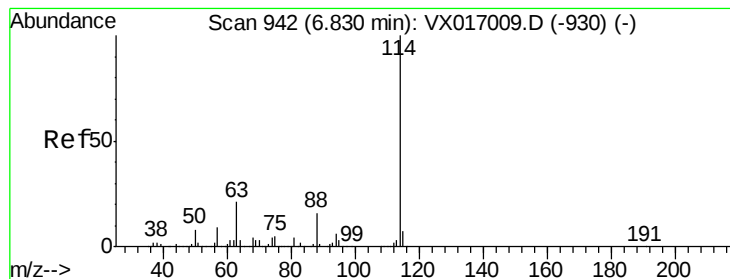
67 51.5 0.0 103.8



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# 942

Delta R.T. -0.00 min

Lab File: VX017108.D

Acq: 01 Jul 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

50BR-20200629

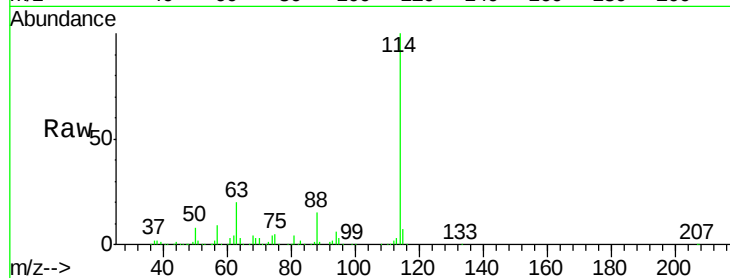
Tot Ion:114 Resp: 388166

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

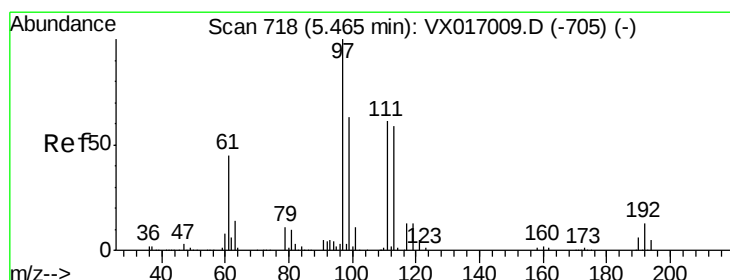
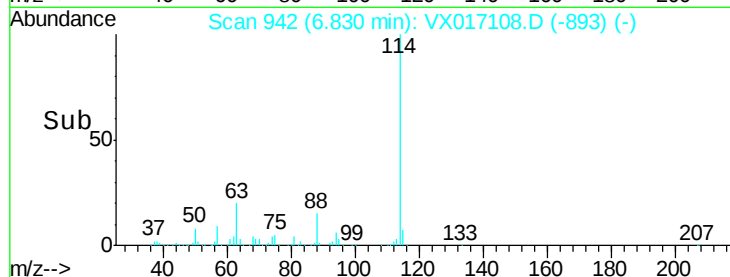
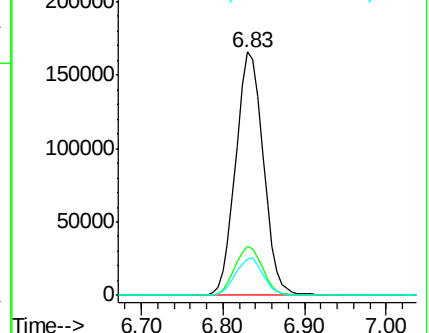
88 15.1 0.0 32.4



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: 51.900 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017108.D

Acq: 01 Jul 2020 19:03

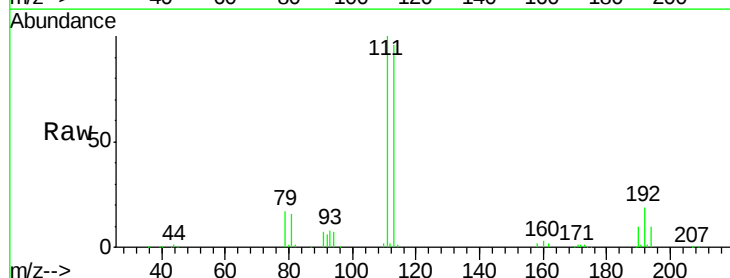
Tgt Ion:113 Resp: 127436

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

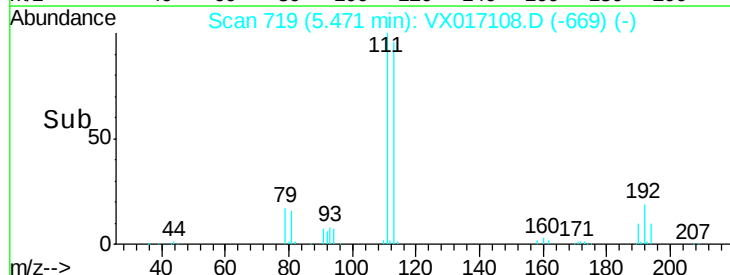
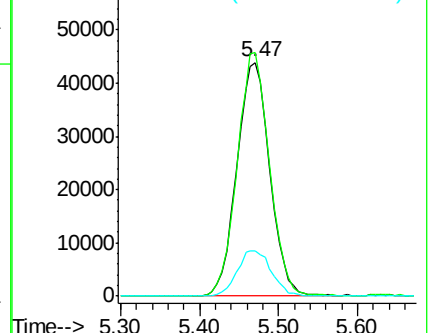
192 20.4 16.7 25.1

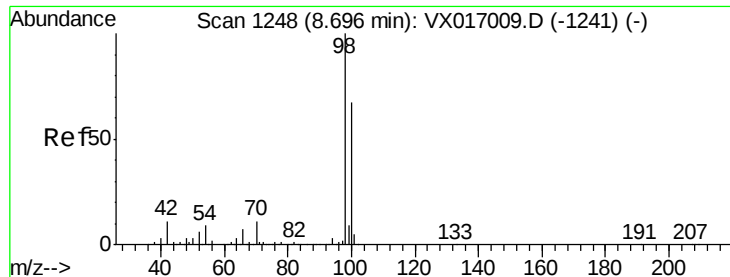


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.900 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017108.D

Acq: 01 Jul 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

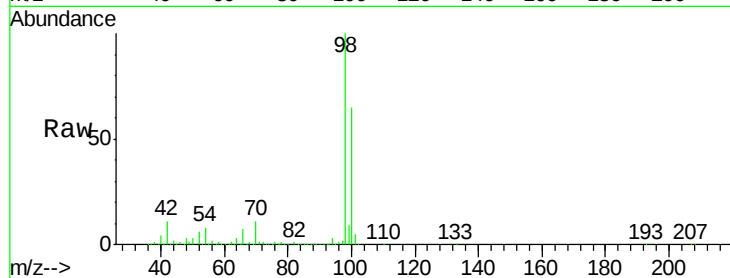
50BR-20200629

Tot Ion: 98 Resp: 471231

Ion Ratio Lower Upper

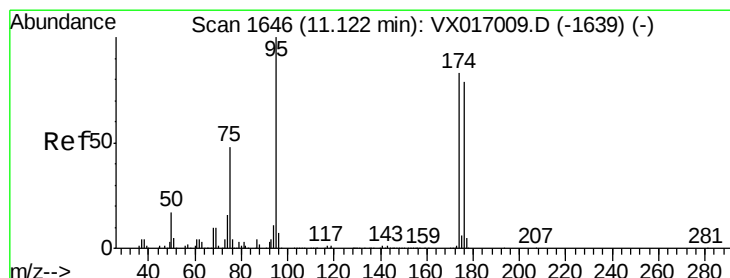
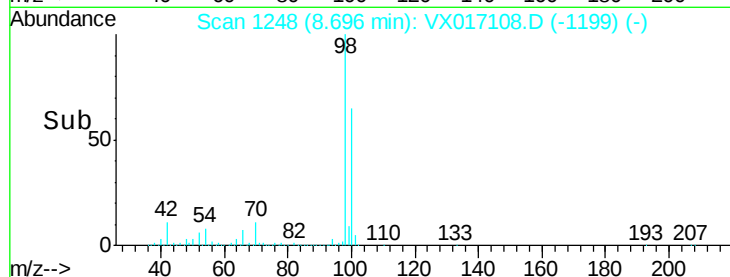
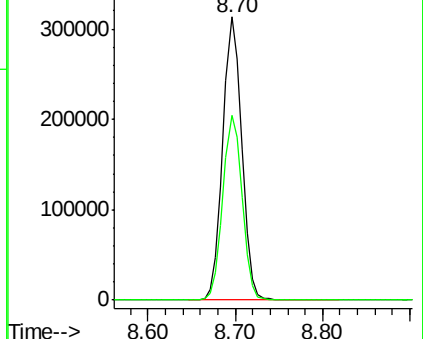
98 100

100 66.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 54.846 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017108.D

Acq: 01 Jul 2020 19:03

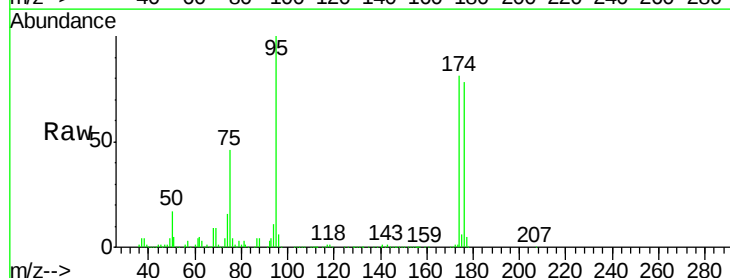
Tgt Ion: 95 Resp: 194669

Ion Ratio Lower Upper

95 100

174 82.7 0.0 164.0

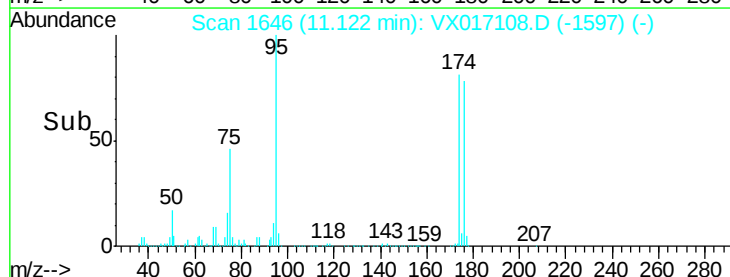
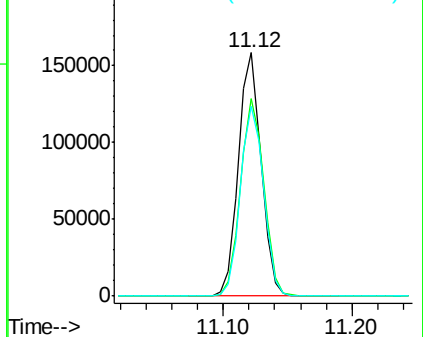
176 79.4 0.0 157.6

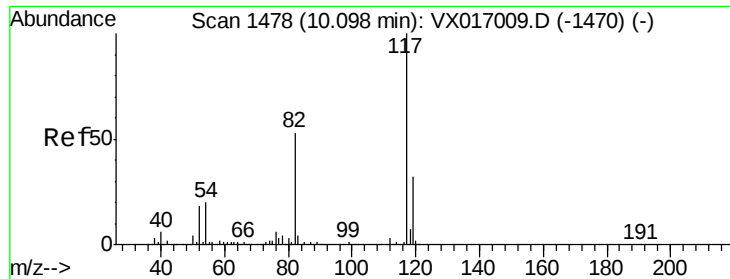


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

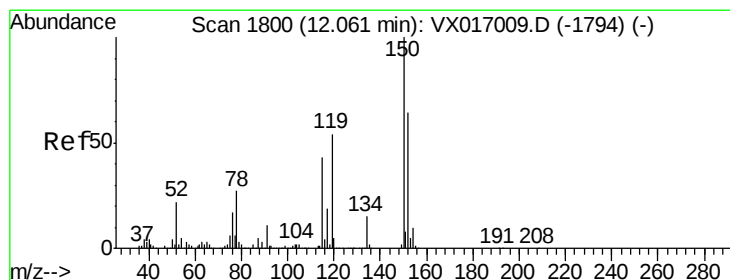
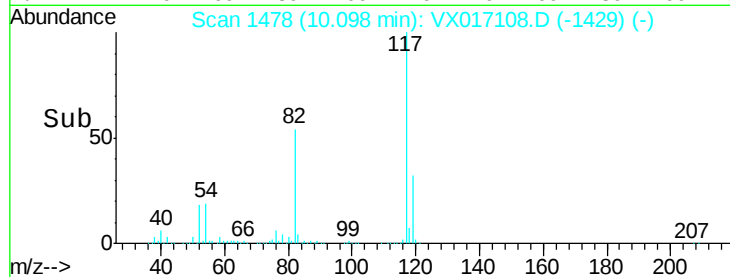
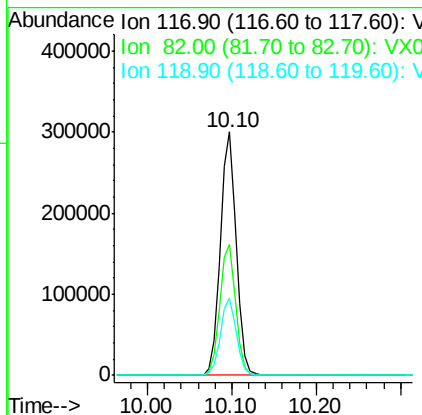
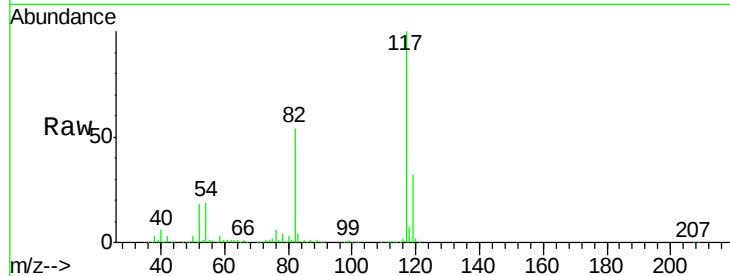




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017108.D
Acq: 01 Jul 2020 19:03

Instrument :
MSVOA_X
ClientSampleId :
50BR-20200629

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.6	63.8
119	31.9	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017108.D
Acq: 01 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	40.9	122.7
150	155.7	0.0	351.6

