

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019461.D
 Acq On : 18 Nov 2020 19:22
 Operator : JC/MD
 Sample : L4787-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-TB-20201113

Quant Time: Nov 19 12:04:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:47:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	264991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	436320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	161371	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	183788	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
35) Dibromofluoromethane	5.46	113	131765	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
50) Toluene-d8	8.70	98	529411	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.12	95	181618	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	

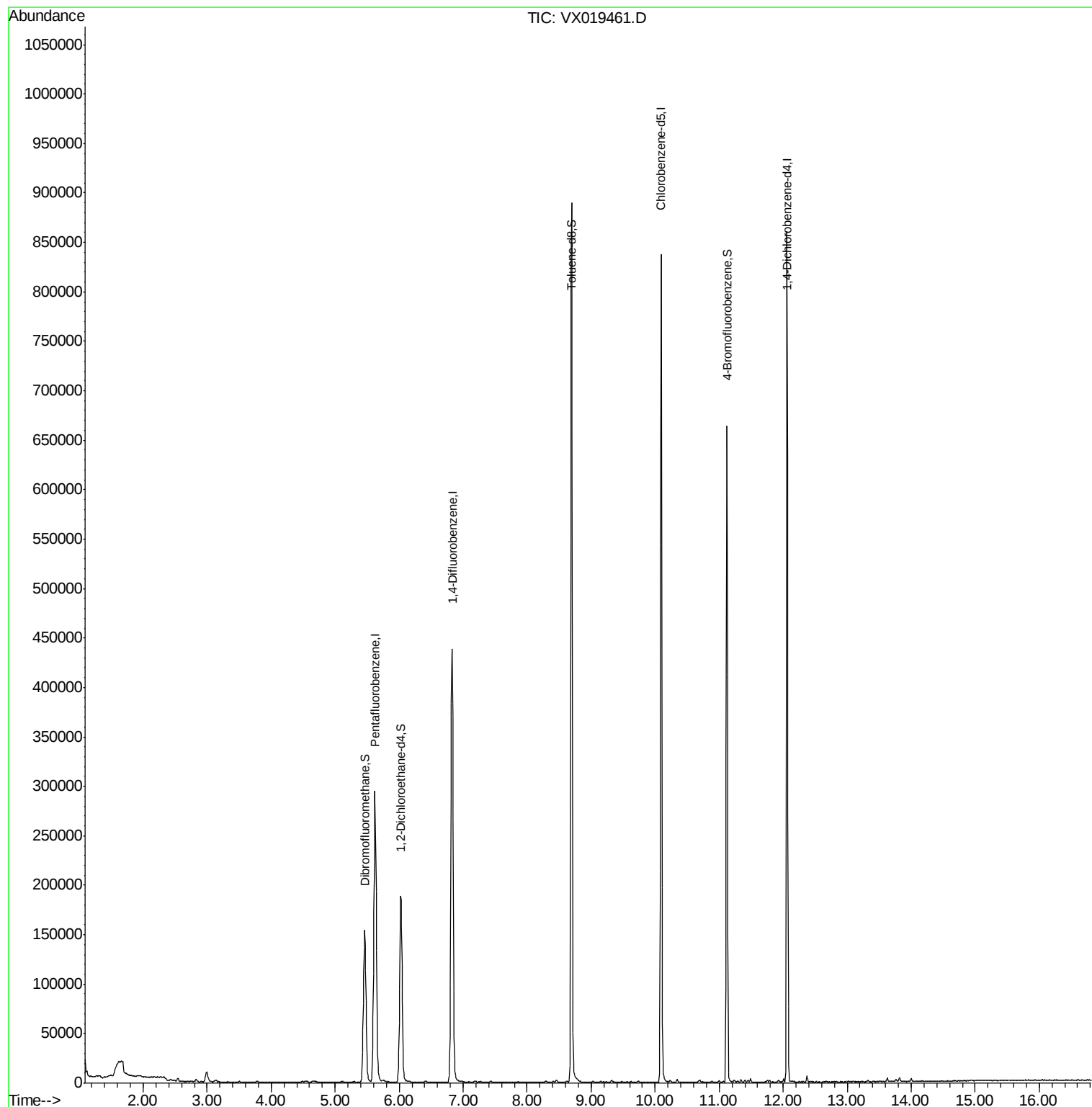
Target Compounds	Qvalue

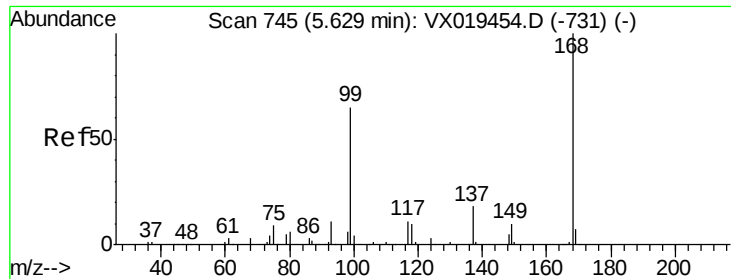
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 18 16:47:30 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019461.D

Acq: 18 Nov 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

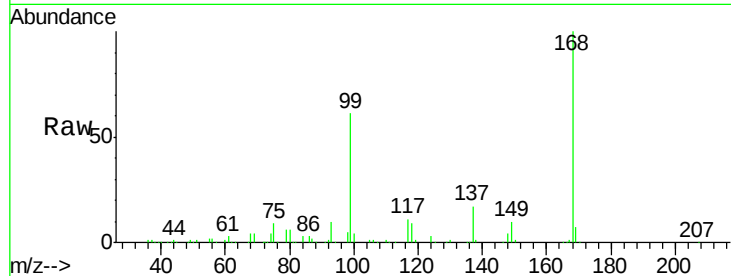
BP-VPB178-TB-20201113

Tot Ion:168 Resp: 264991

Ion Ratio Lower Upper

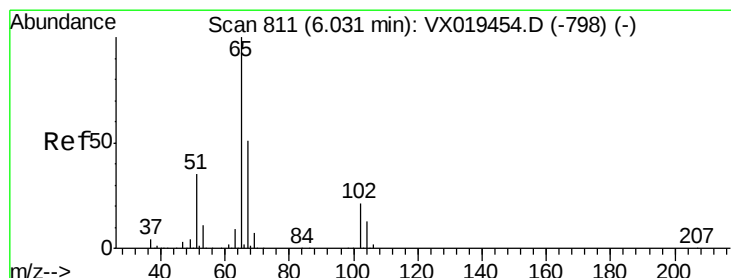
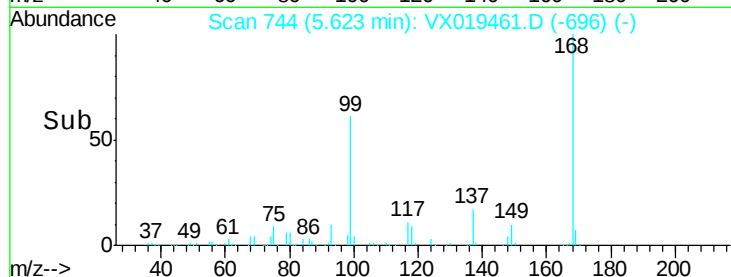
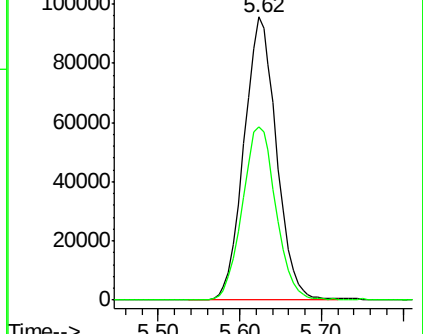
168 100

99 61.3 52.1 78.1



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: 44.264 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019461.D

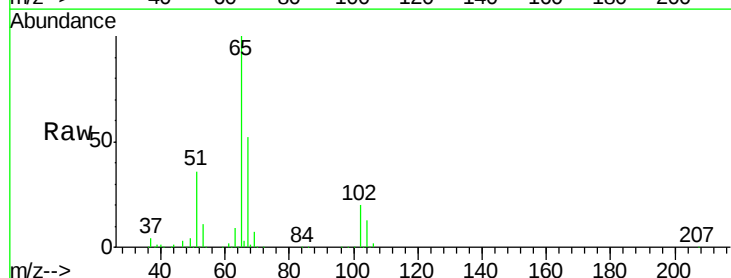
Acq: 18 Nov 2020 19:22

Tgt Ion: 65 Resp: 183788

Ion Ratio Lower Upper

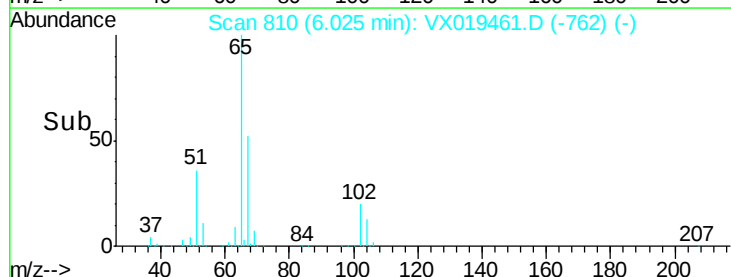
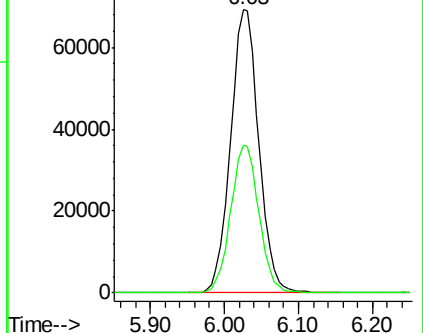
65 100

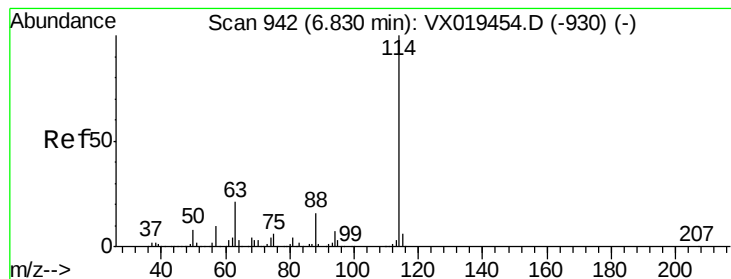
67 52.3 0.0 102.4



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: VX019461.D

Acq: 18 Nov 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-TB-20201113

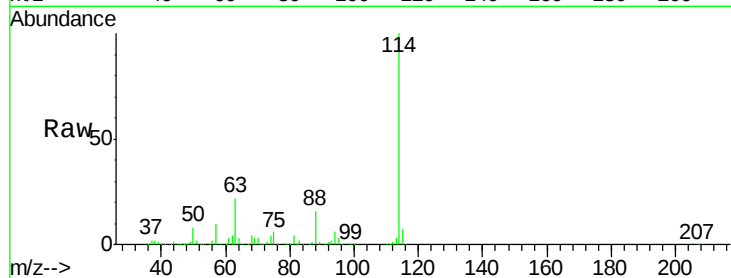
Tot Ion:114 Resp: 436320

Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.0

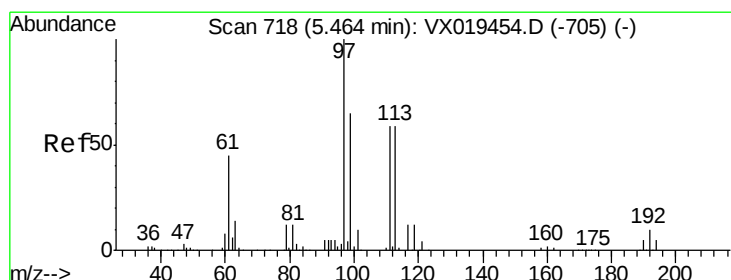
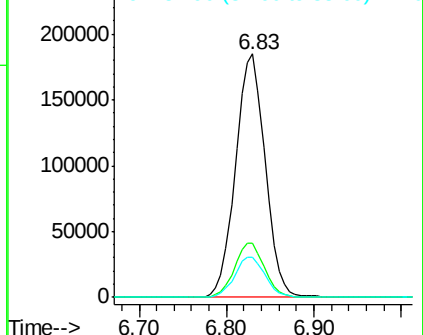
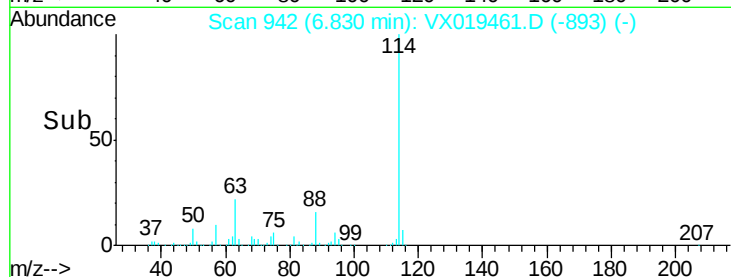
88 16.3 0.0 32.0



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: 45.895 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019461.D

Acq: 18 Nov 2020 19:22

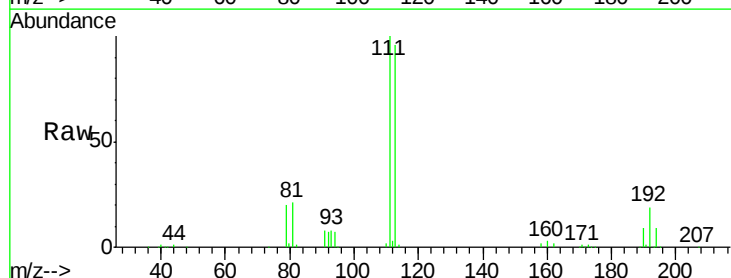
Tgt Ion:113 Resp: 131765

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

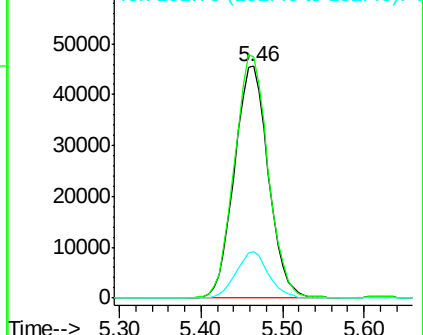
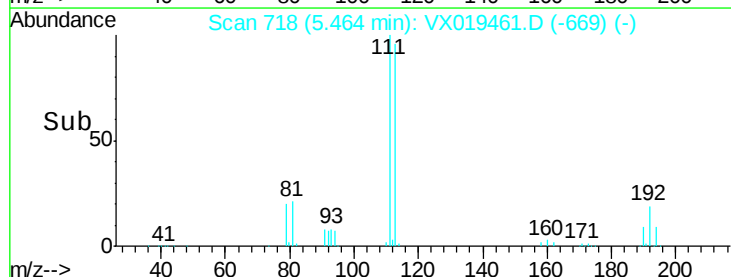
192 19.1 14.2 21.4

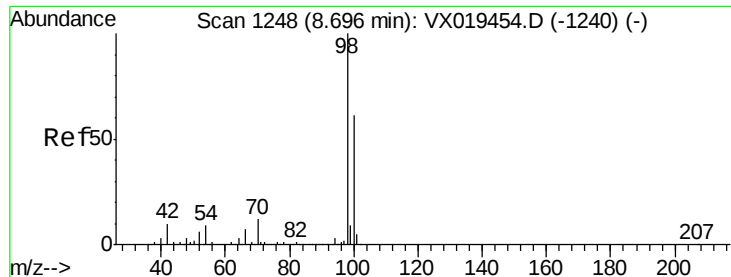


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.452 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019461.D

Acq: 18 Nov 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

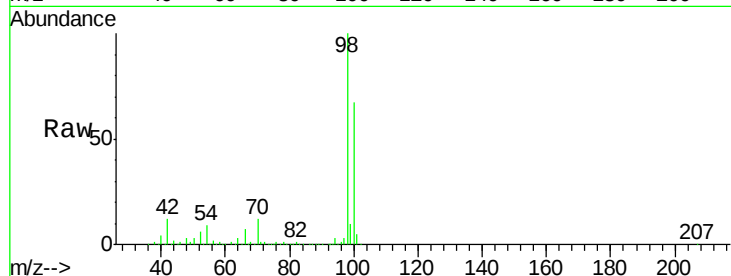
BP-VPB178-TB-20201113

Tot Ion: 98 Resp: 529411

Ion Ratio Lower Upper

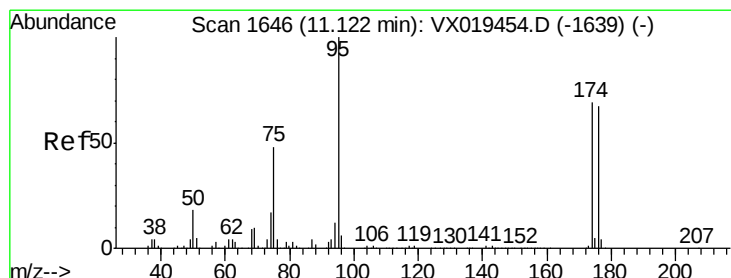
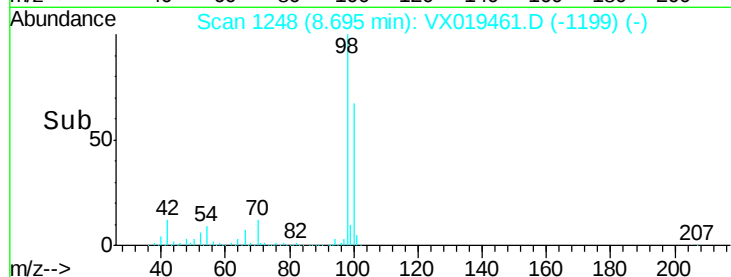
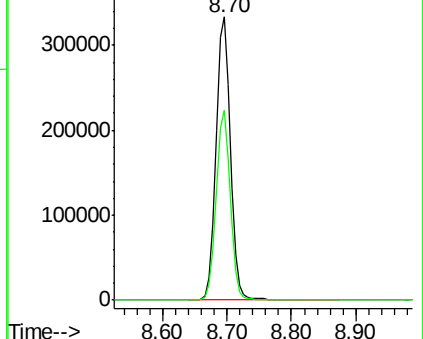
98 100

100 65.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.310 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019461.D

Acq: 18 Nov 2020 19:22

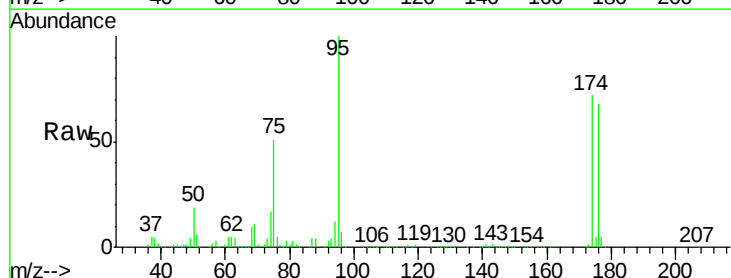
Tgt Ion: 95 Resp: 181618

Ion Ratio Lower Upper

95 100

174 70.7 0.0 141.4

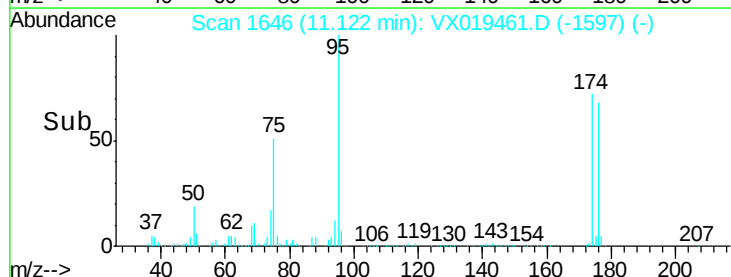
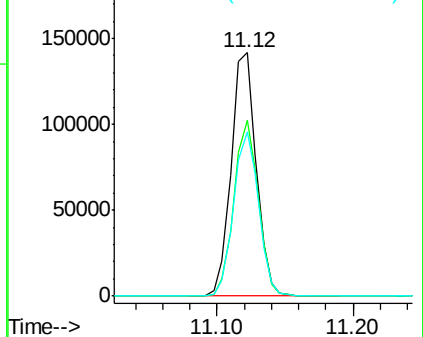
176 67.2 0.0 137.6

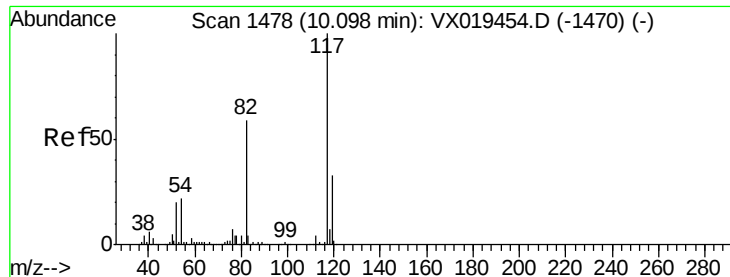


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

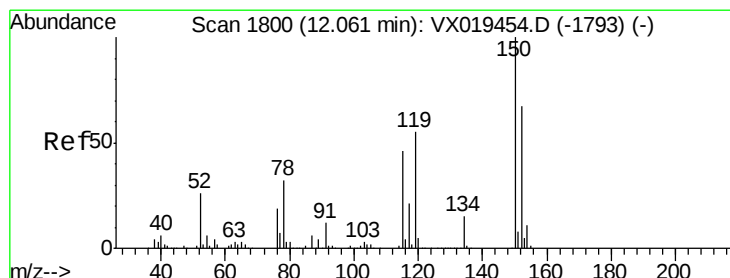
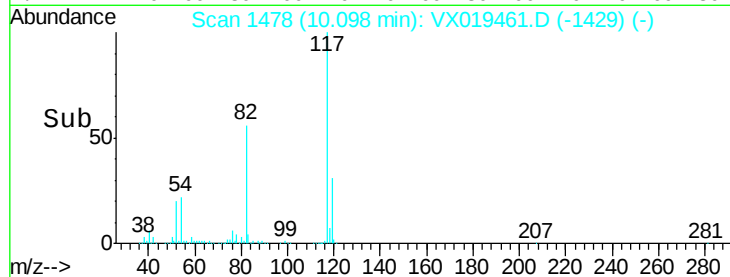
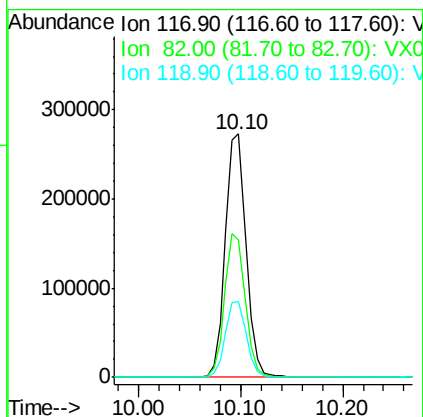
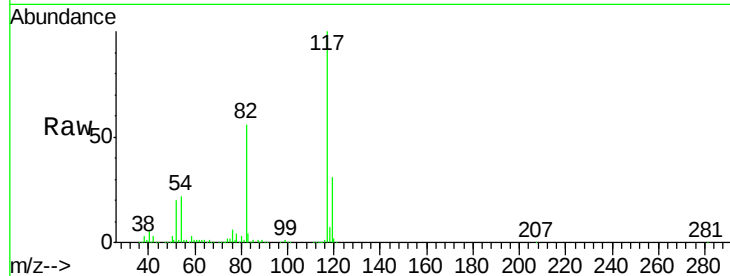




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019461.D
Acq: 18 Nov 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB178-TB-20201113

Tot Ion:117 Resp: 384331
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019461.D
Acq: 18 Nov 2020 19:22

Tgt Ion:152 Resp: 161371
Ion Ratio Lower Upper
152 100
115 64.5 44.9 134.7
150 157.7 0.0 344.4

