

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019337.D
 Acq On : 06 Nov 2020 13:29
 Operator : JC/MD
 Sample : L4662-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-EB-20201105

Quant Time: Nov 07 01:56:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	286458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236253	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	199900	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	5.46	113	156601	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	8.70	98	612067	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.12	95	239543	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

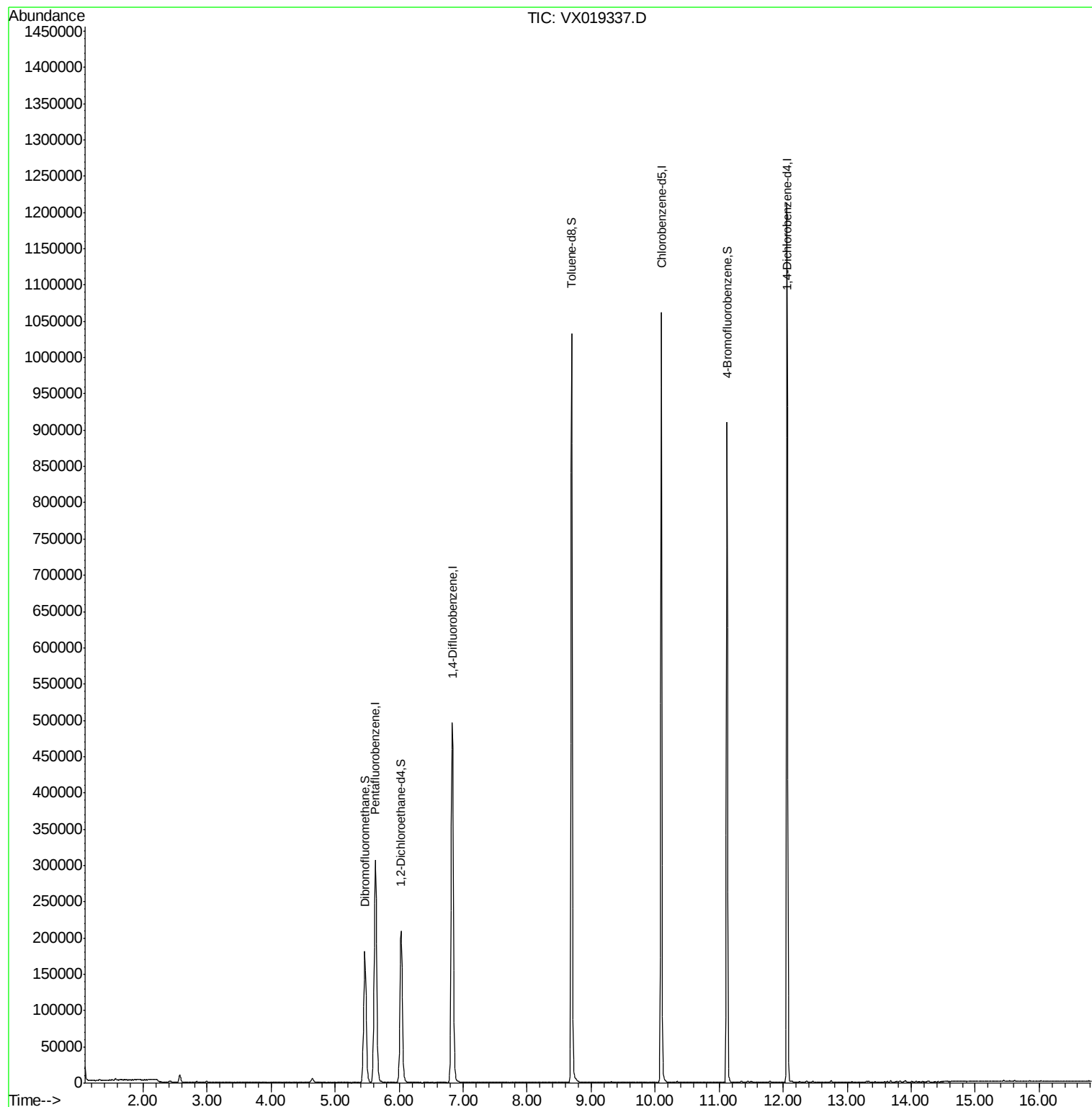
Target Compounds	Qvalue

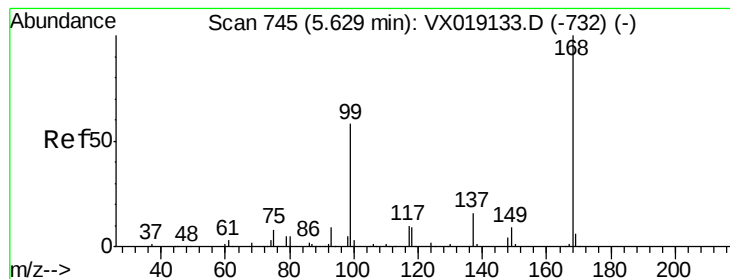
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019337.D

Acq: 06 Nov 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

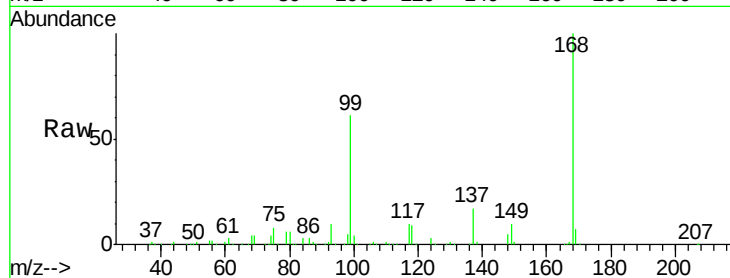
BP-VPB178-EB-20201105

Tot Ion:168 Resp: 286458

Ion Ratio Lower Upper

168 100

99 61.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

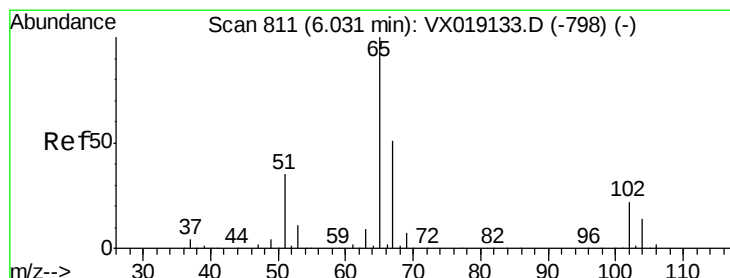
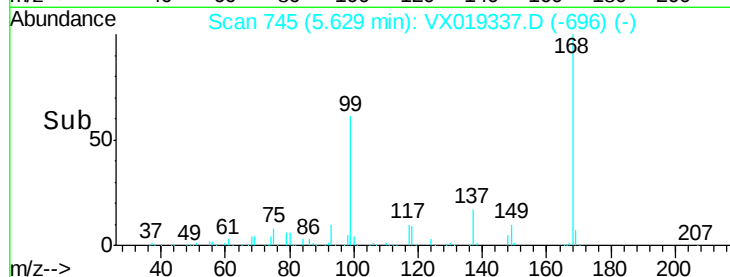
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.111 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019337.D

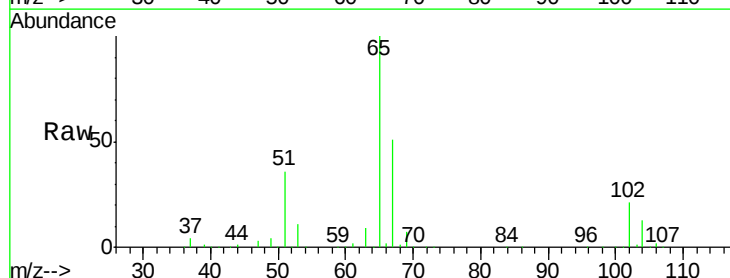
Acq: 06 Nov 2020 13:29

Tgt Ion: 65 Resp: 199900

Ion Ratio Lower Upper

65 100

67 52.1 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

80000

60000

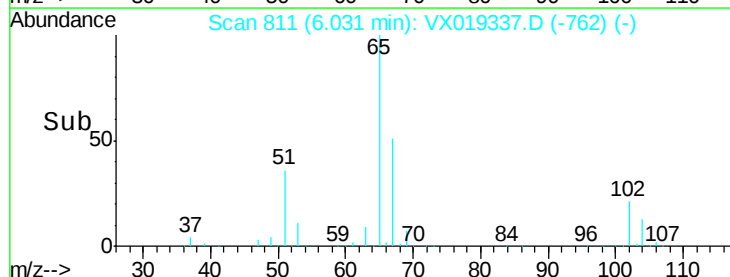
40000

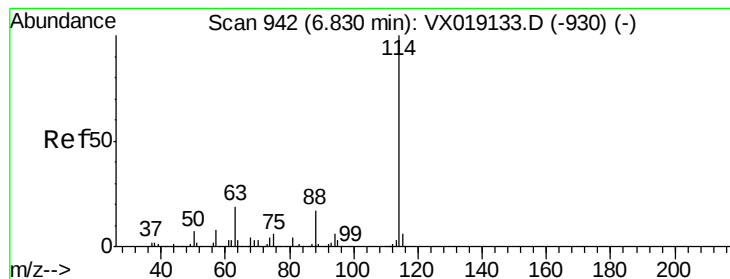
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019337.D

Acq: 06 Nov 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-EB-20201105

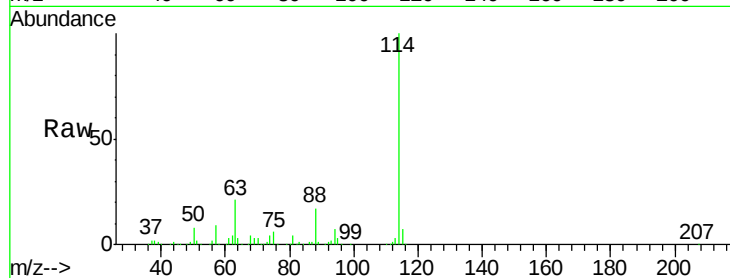
Tot Ion:114 Resp: 504231

Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.8

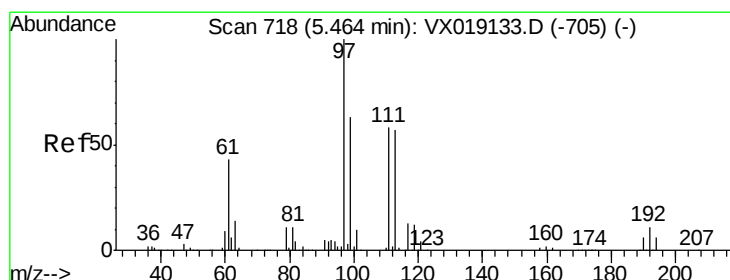
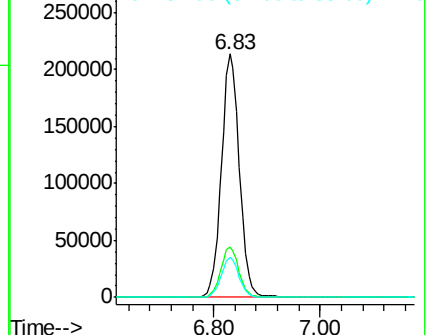
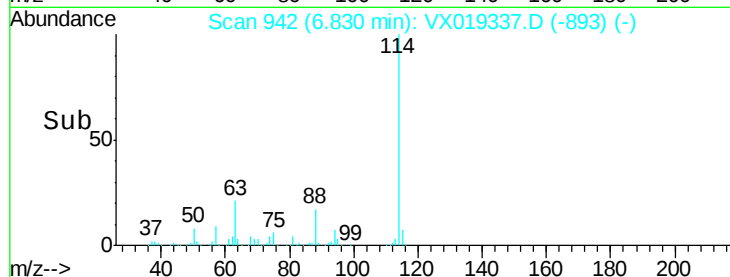
88 16.6 0.0 34.2



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: 49.444 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019337.D

Acq: 06 Nov 2020 13:29

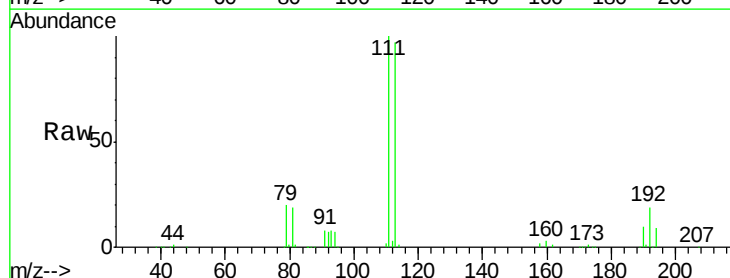
Tgt Ion:113 Resp: 156601

Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

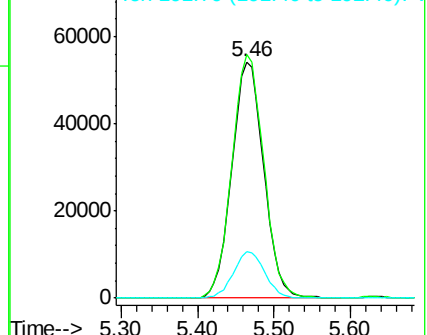
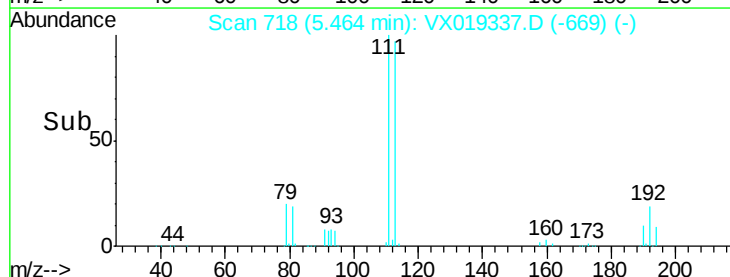
192 19.5 16.2 24.2

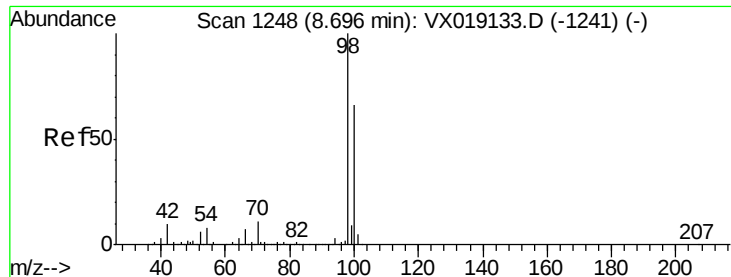


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.264 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019337.D

Acq: 06 Nov 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

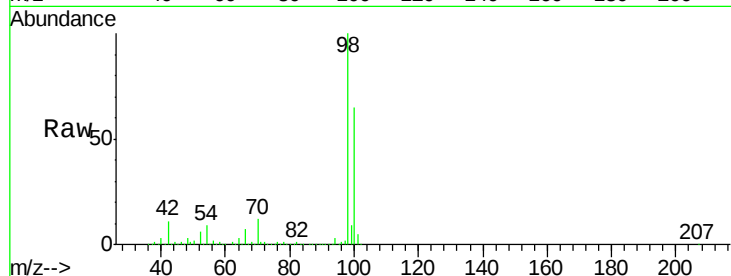
BP-VPB178-EB-20201105

Tot Ion: 98 Resp: 612067

Ion Ratio Lower Upper

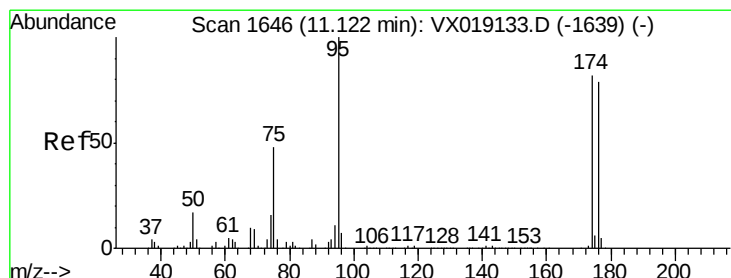
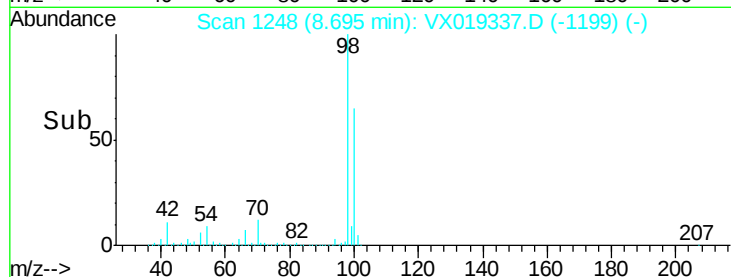
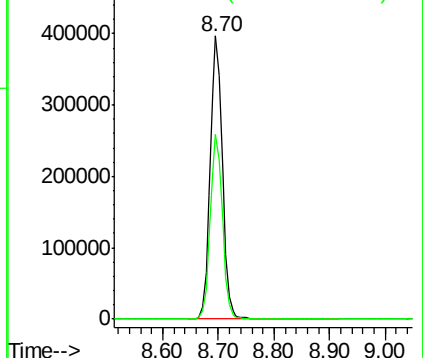
98 100

100 65.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 52.978 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019337.D

Acq: 06 Nov 2020 13:29

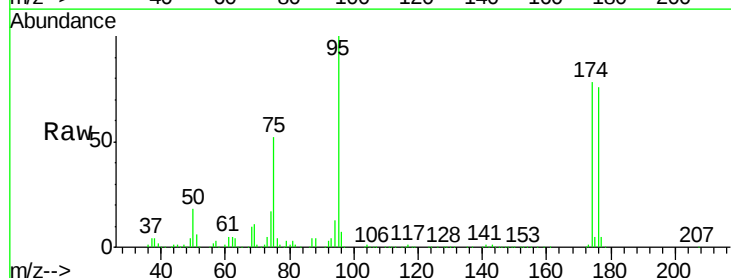
Tgt Ion: 95 Resp: 239543

Ion Ratio Lower Upper

95 100

174 74.9 0.0 156.0

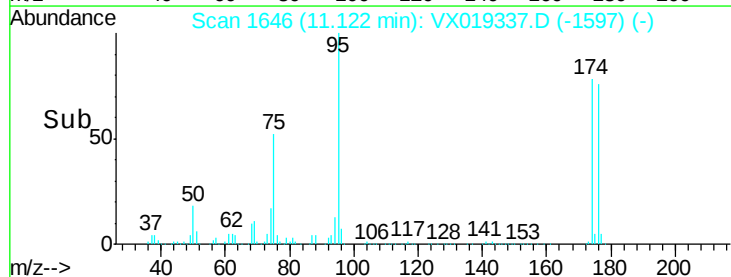
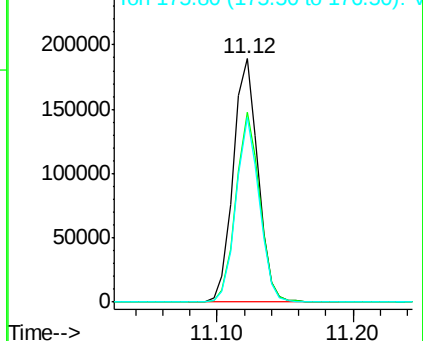
176 71.7 0.0 149.8

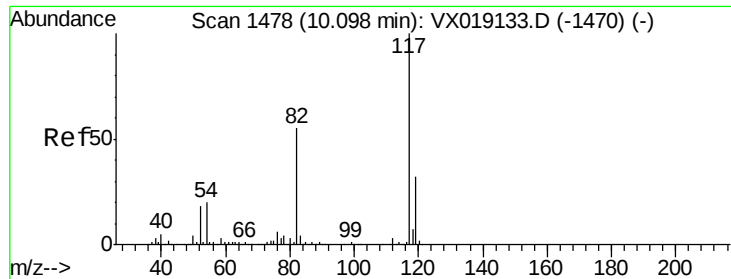


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

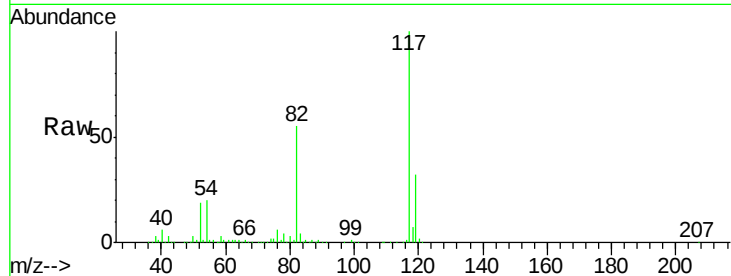




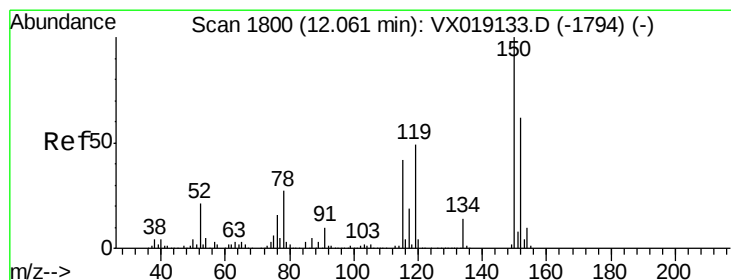
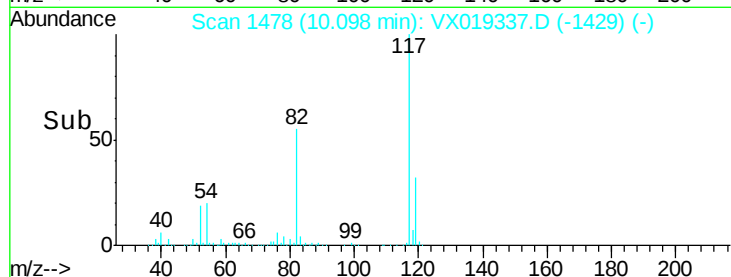
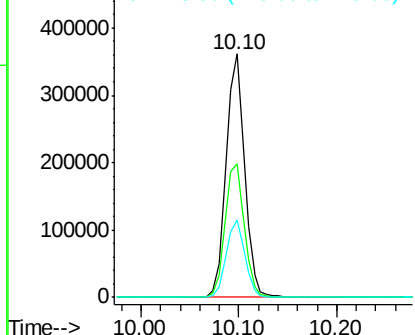
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019337.D
Acq: 06 Nov 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB178-EB-20201105

Tot Ion:117 Resp: 475526
Ion Ratio Lower Upper
117 100
82 54.9 43.6 65.4
119 31.6 25.5 38.3

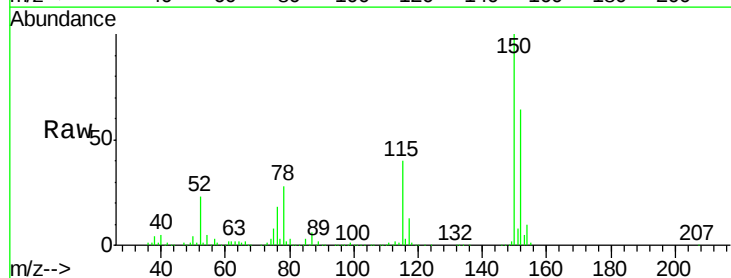


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019337.D
Acq: 06 Nov 2020 13:29

Tgt Ion:152 Resp: 236253
Ion Ratio Lower Upper
152 100
115 61.5 41.9 125.7
150 156.2 0.0 347.8



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

