

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011476.D
 Acq On : 12 Aug 2019 12:22
 Operator : JC/SP
 Sample : K4298-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-TB-20190808

Quant Time: Aug 13 08:01:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	194181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	117024	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	106988	54.71	ug/l	0.00
Spiked Amount						
			Recovery	=	109.42%	
35) Dibromofluoromethane	5.49	113	89927	47.20	ug/l	0.00
Spiked Amount						
			Recovery	=	94.40%	
50) Toluene-d8	8.71	98	340091	47.29	ug/l	0.00
Spiked Amount						
			Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.13	95	112124	43.66	ug/l	0.00
Spiked Amount						
			Recovery	=	87.32%	

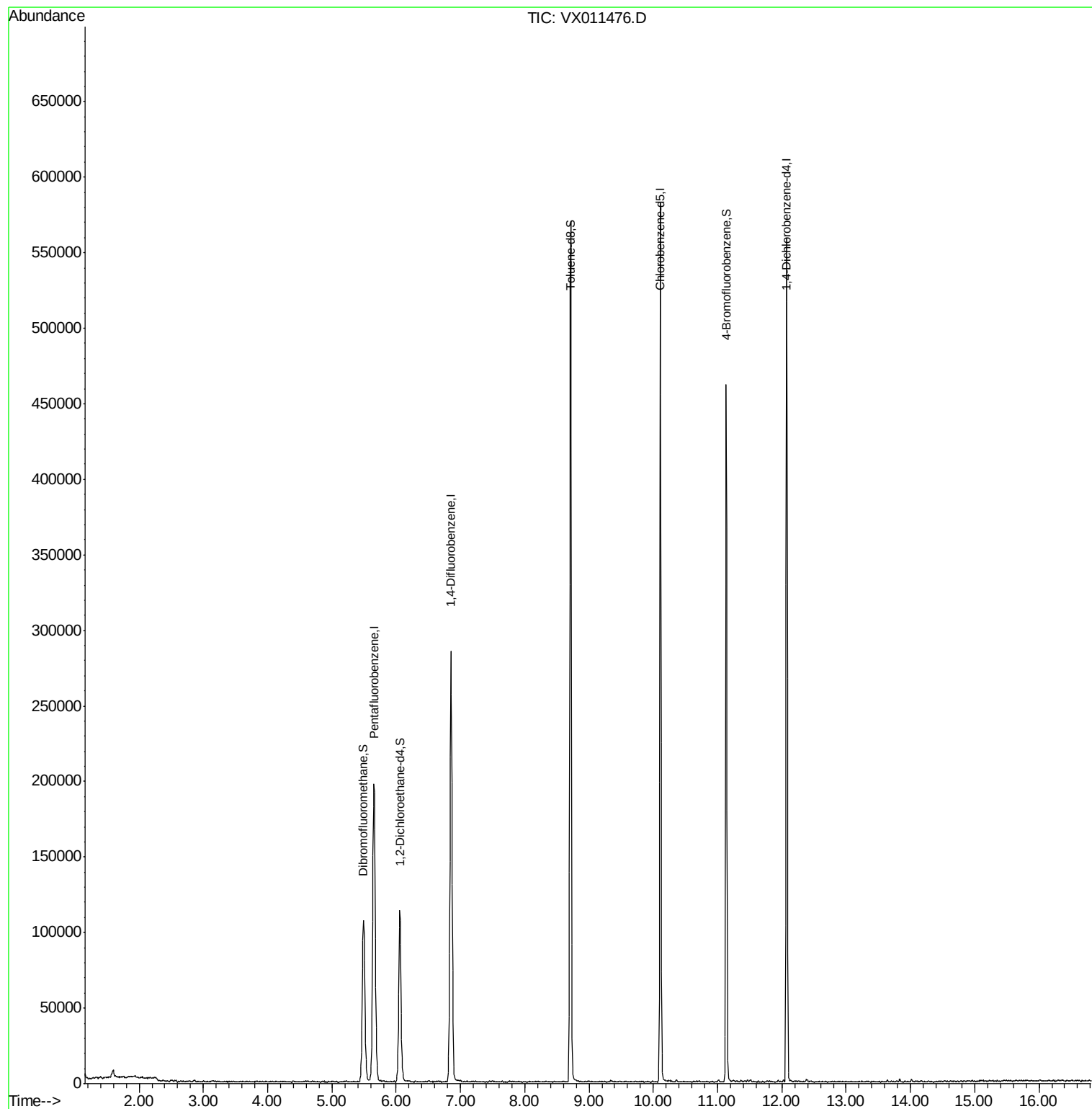
Target Compounds	Qvalue

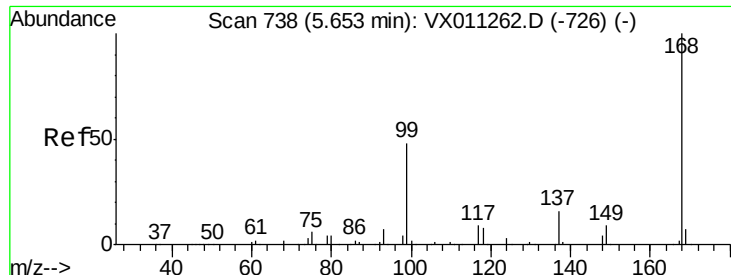
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

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Acq: 12 Aug 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

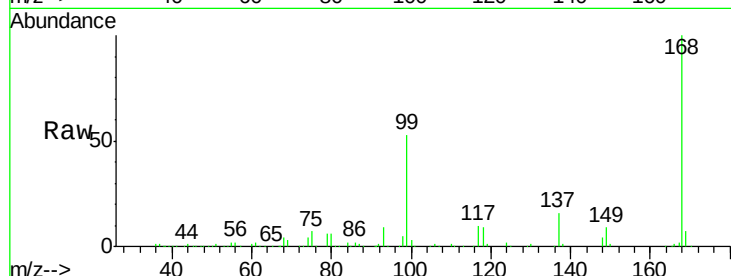
BP-VPB203-TB-20190808

Tot Ion:168 Resp: 194181

Ion Ratio Lower Upper

168 100

99 53.3 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

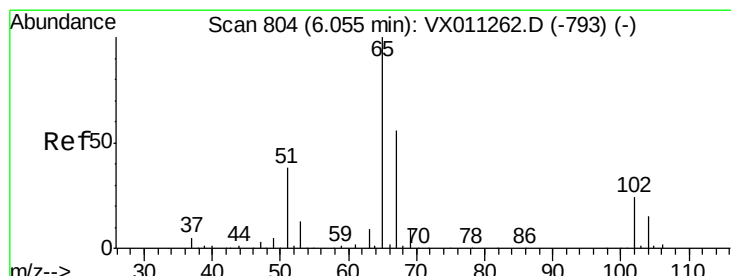
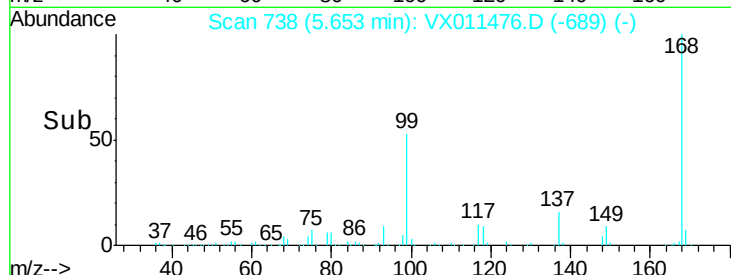
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.711 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011476.D

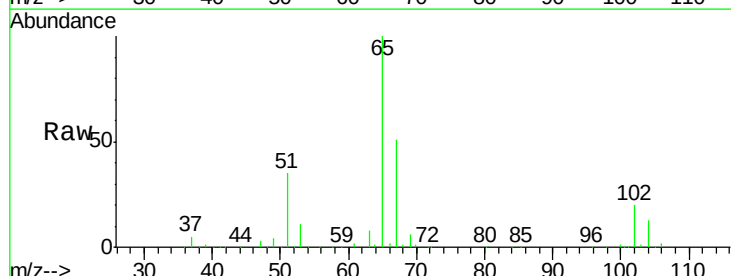
Acq: 12 Aug 2019 12:22

Tgt Ion: 65 Resp: 106988

Ion Ratio Lower Upper

65 100

67 51.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

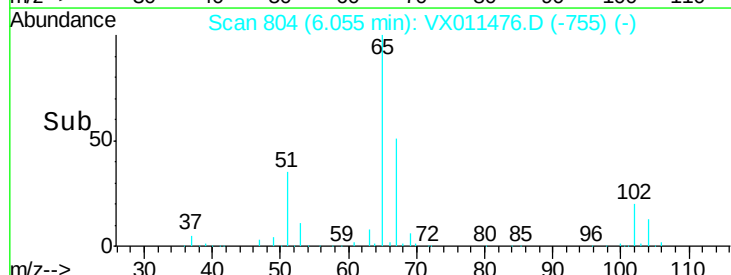
30000

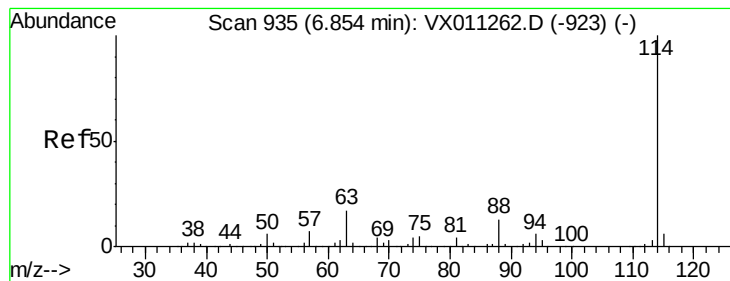
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011476.D

Acq: 12 Aug 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-TB-20190808

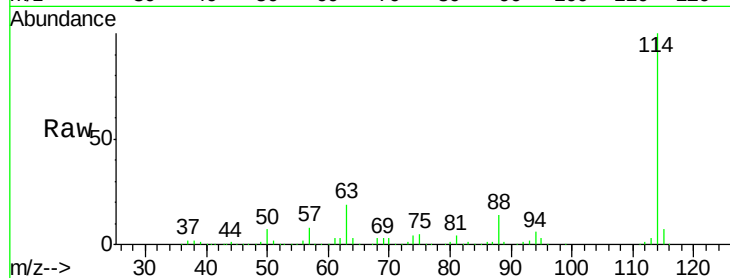
Tot Ion:114 Resp: 291846

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.0

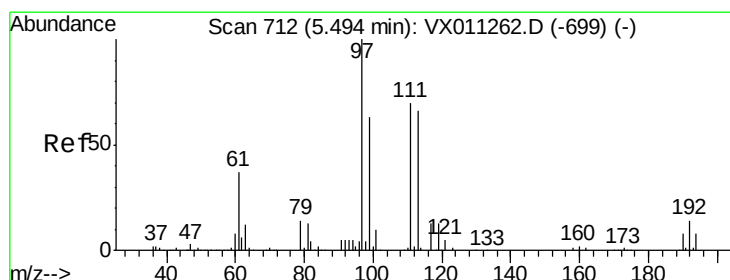
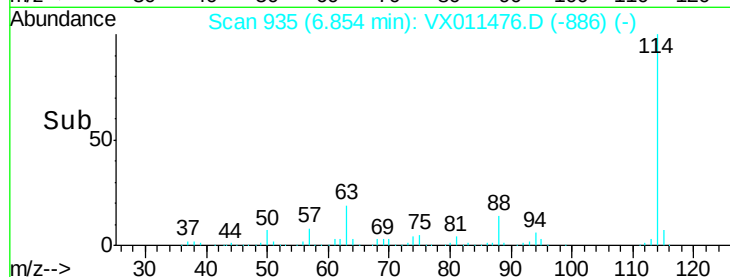
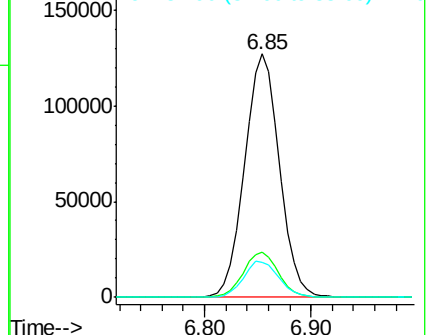
88 14.3 0.0 26.4



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: 47.196 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011476.D

Acq: 12 Aug 2019 12:22

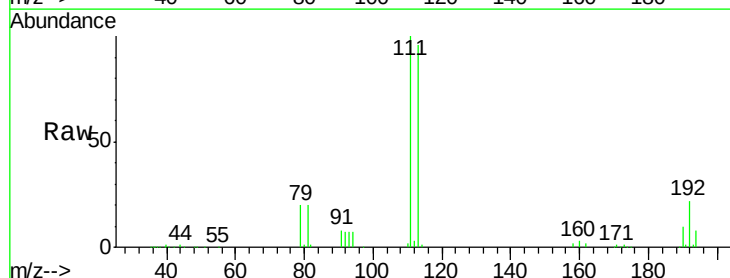
Tgt Ion:113 Resp: 89927

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

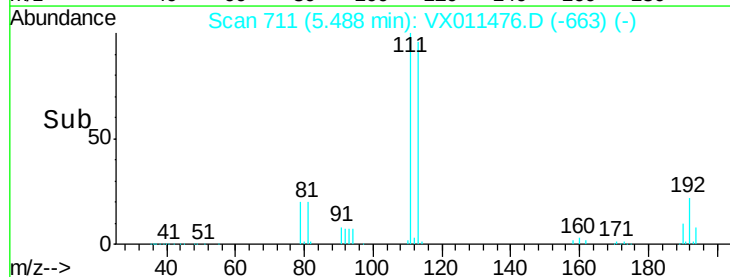
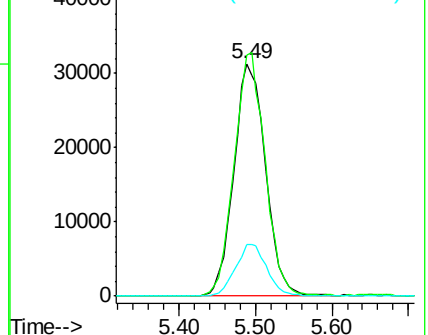
192 21.9 17.8 26.8

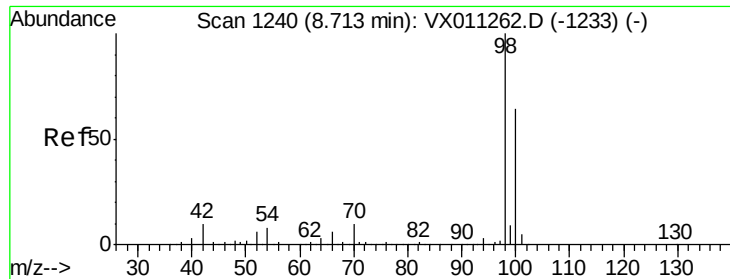


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

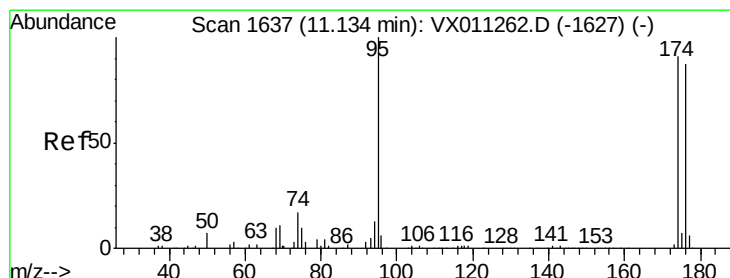
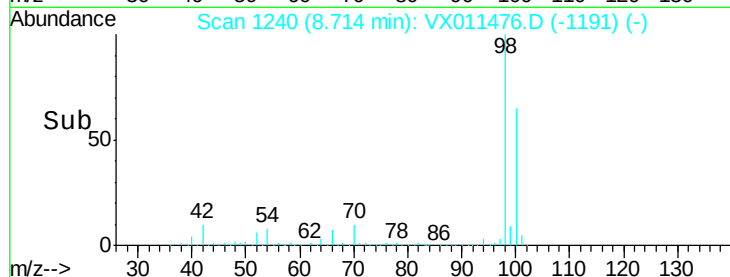
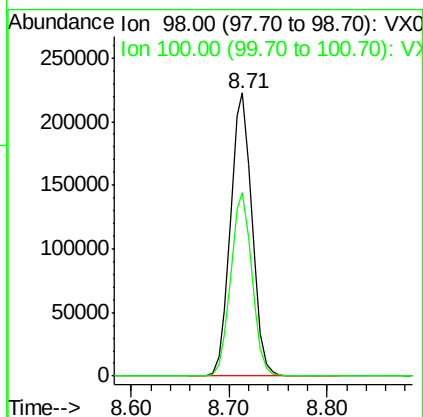
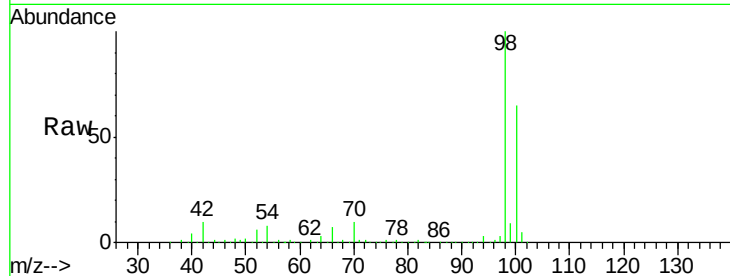




#50
Toluene-d8
Concen: 47.285 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011476.D
Acq: 12 Aug 2019 12:22

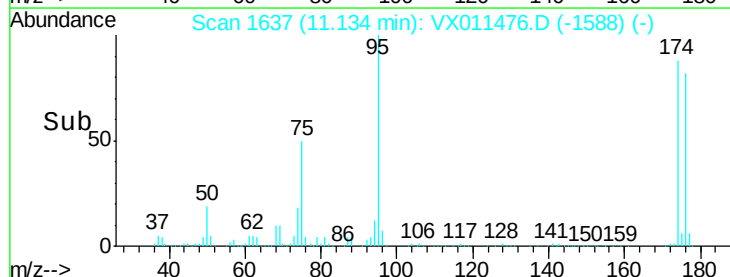
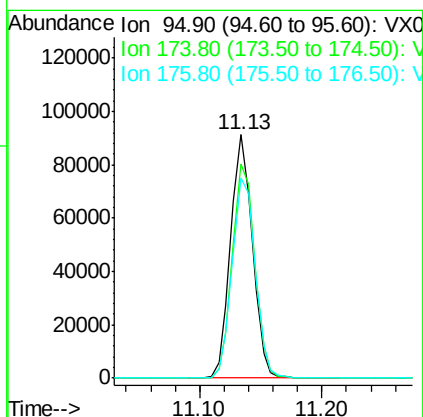
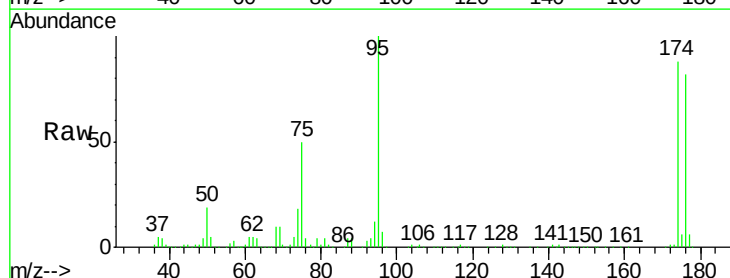
Instrument :
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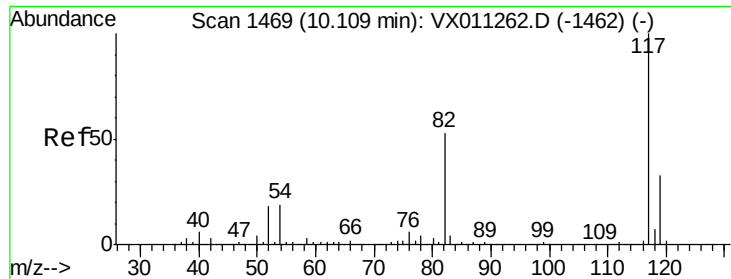
Tot Ion: 98 Resp: 340091
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.665 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011476.D
Acq: 12 Aug 2019 12:22

Tgt Ion: 95 Resp: 112124
Ion Ratio Lower Upper
95 100
174 91.0 0.0 191.2
176 86.8 0.0 184.8

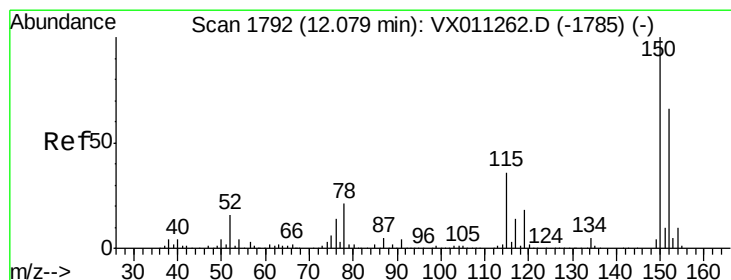
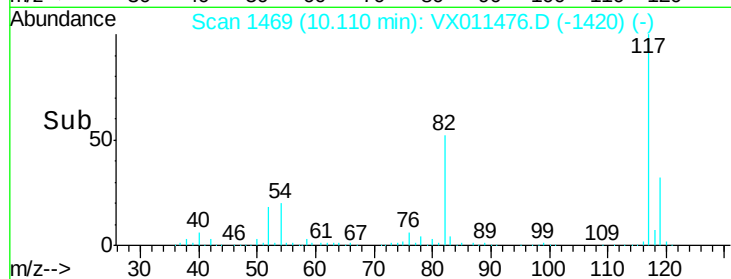
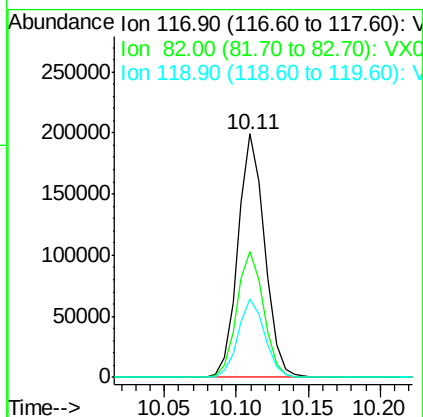
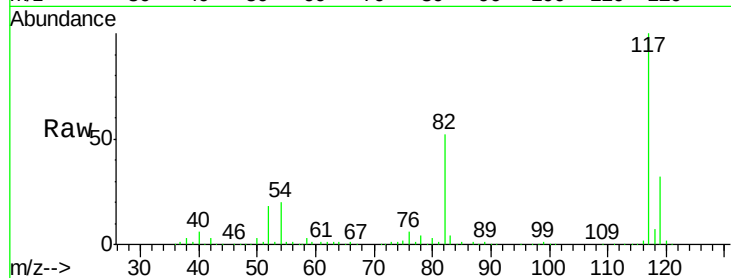




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011476.D
Acq: 12 Aug 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-TB-20190808

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.2	63.2
119	32.5	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011476.D
Acq: 12 Aug 2019 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	40.0	119.9
150	157.1	0.0	350.4

