

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\
 Data File : VX007712.D
 Acq On : 26 Feb 2019 14:39
 Operator : JC/SP
 Sample : K1578-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-EB-20190221

Quant Time: Feb 26 15:37:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

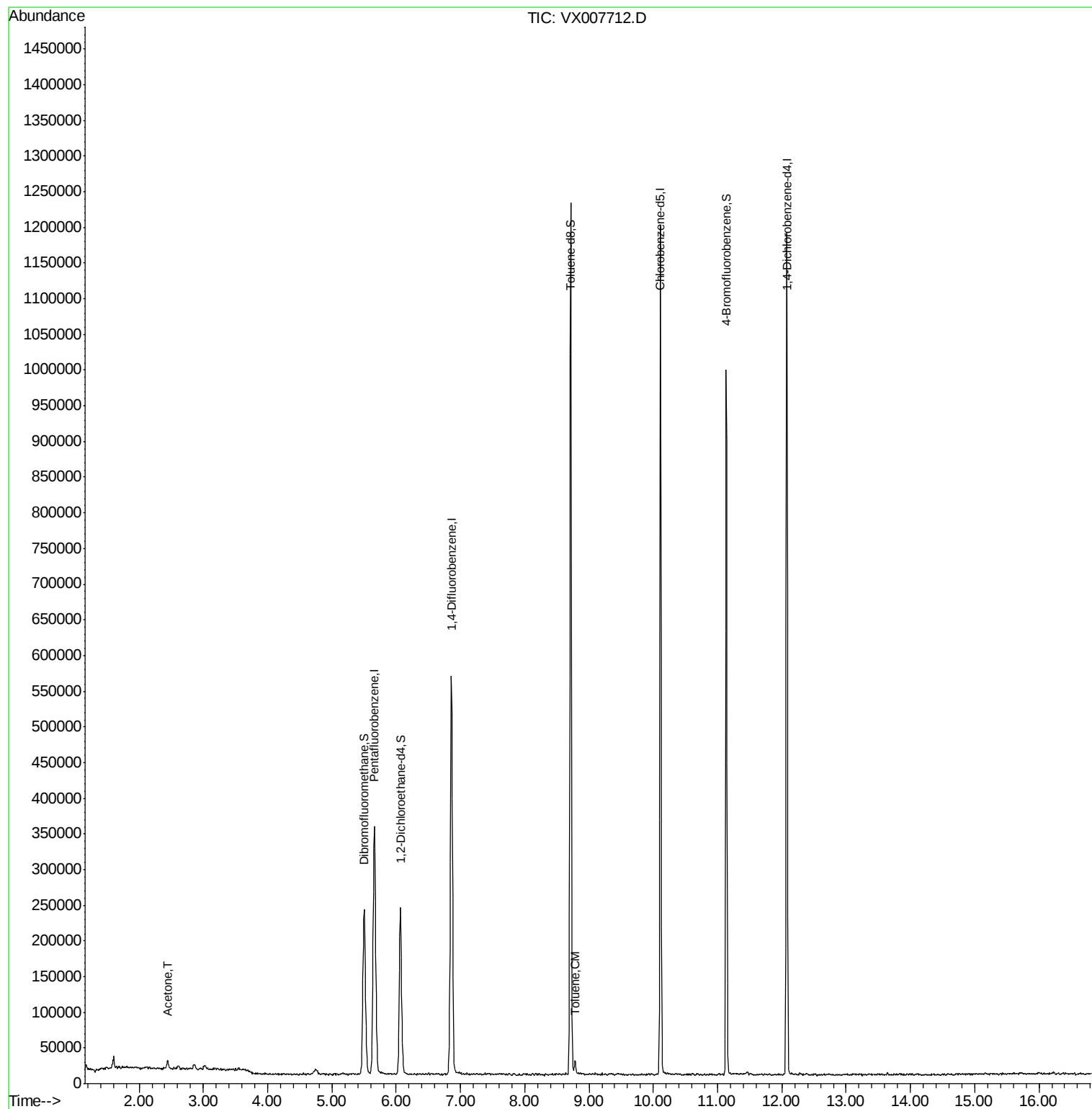
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	348276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	594755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	559199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	253758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	211698	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	5.50	113	197090	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
50) Toluene-d8	8.71	98	724363	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	11.13	95	250869	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
Target Compounds						
16) Acetone	2.45	43	13832	7.210	ug/l	93
52) Toluene	8.79	92	6579	0.632	ug/l	96

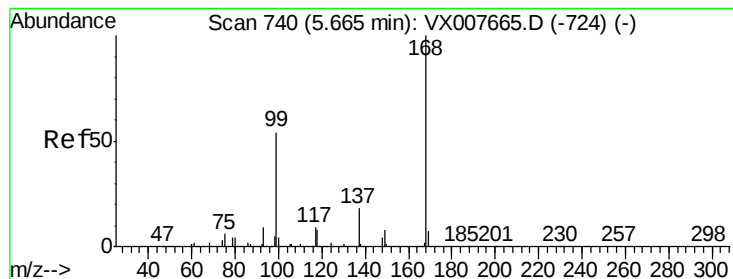
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

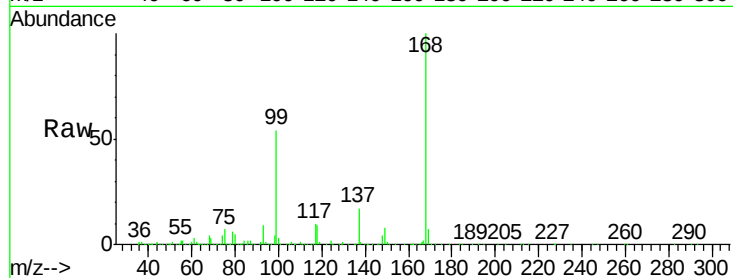
BP-VPB201-EB-20190221

Tot Ion:168 Resp: 348276

Ion Ratio Lower Upper

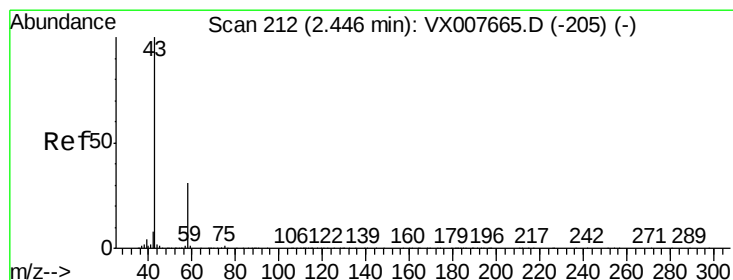
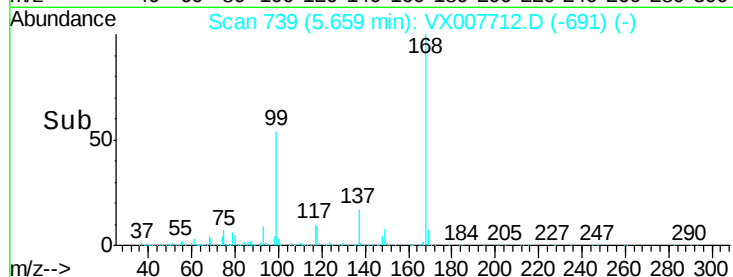
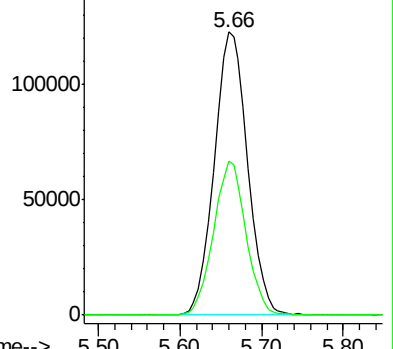
168 100

99 54.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.210 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007712.D

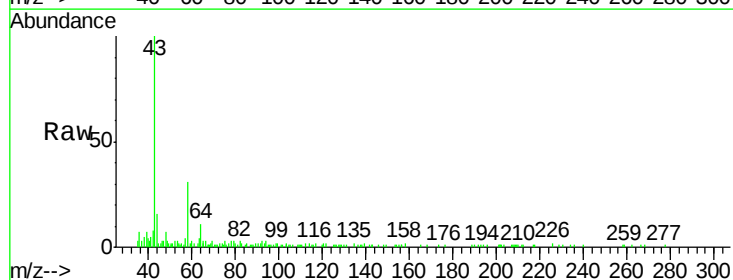
Acq: 26 Feb 2019 14:39

Tgt Ion: 43 Resp: 13832

Ion Ratio Lower Upper

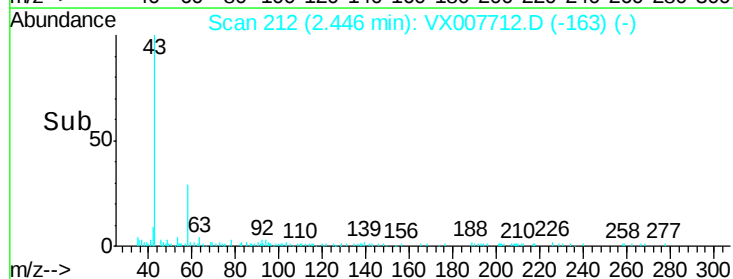
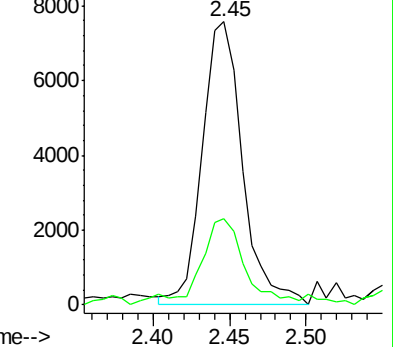
43 100

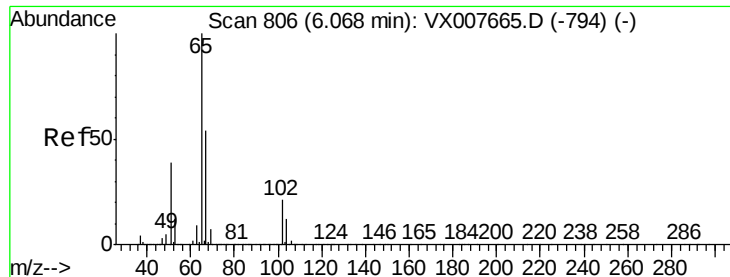
58 27.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.072 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

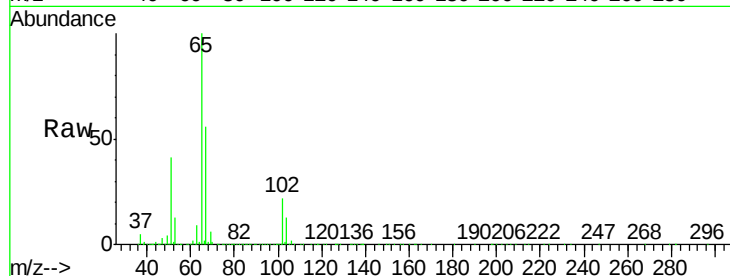
BP-VPB201-EB-20190221

Tot Ion: 65 Resp: 211698

Ion Ratio Lower Upper

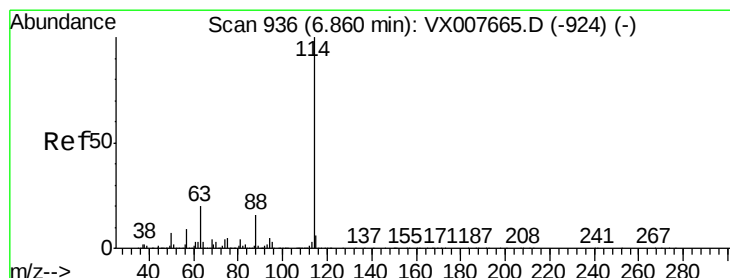
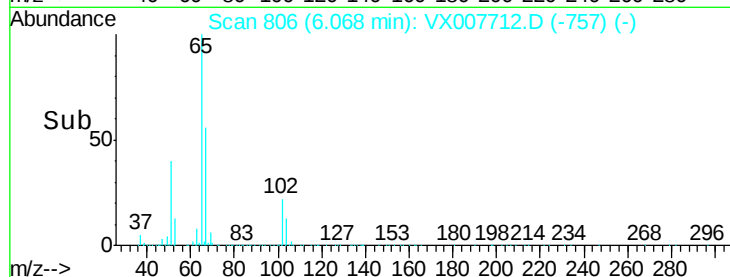
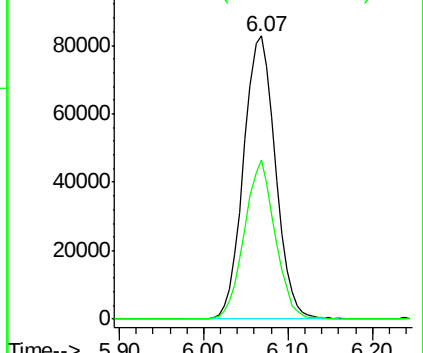
65 100

67 54.0 0.0 108.8



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

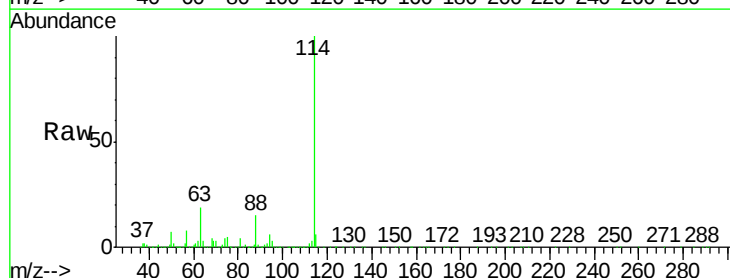
Tgt Ion: 114 Resp: 594755

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

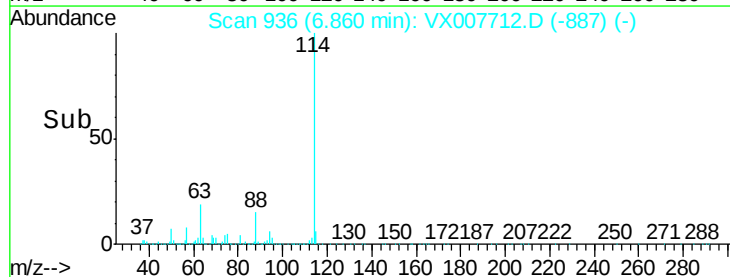
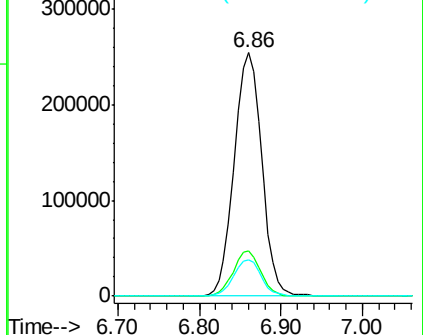
88 14.7 0.0 29.6

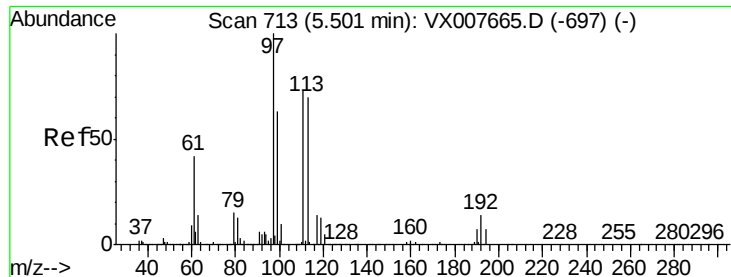


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.573 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190221

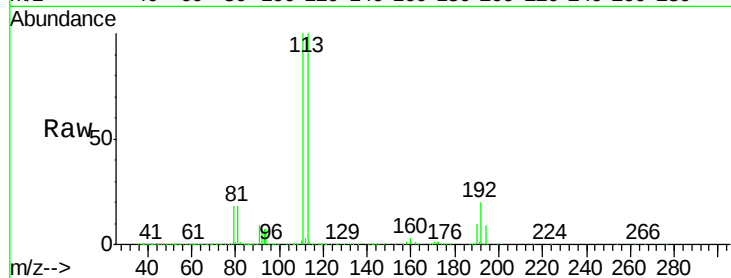
Tot Ion:113 Resp: 197090

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

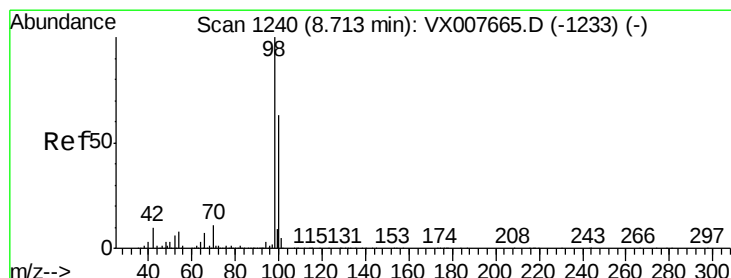
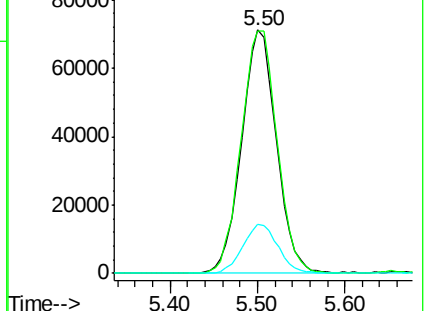
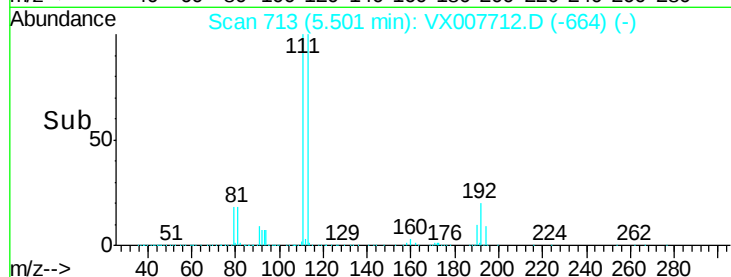
192 20.6 18.5 27.7



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: 47.591 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007712.D

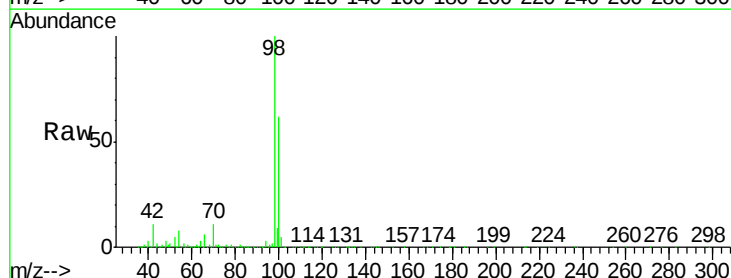
Acq: 26 Feb 2019 14:39

Tgt Ion: 98 Resp: 724363

Ion Ratio Lower Upper

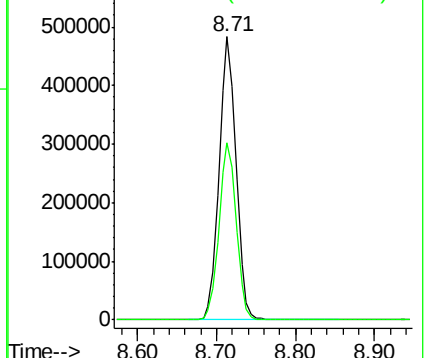
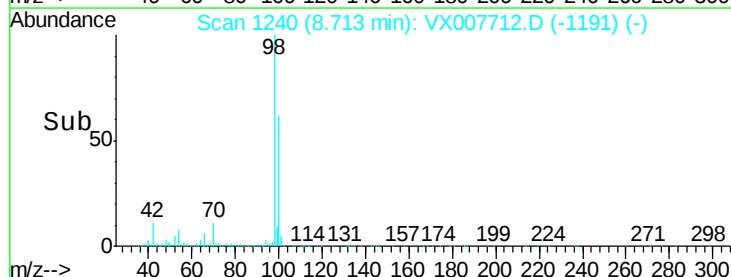
98 100

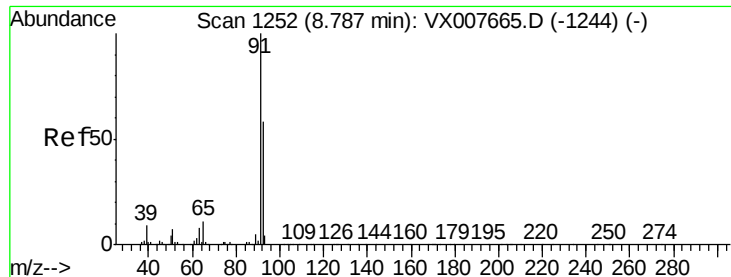
100 63.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.632 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

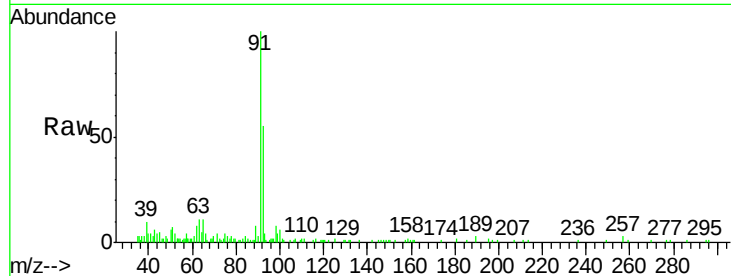
BP-VPB201-EB-20190221

Tot Ion: 92 Resp: 6579

Ion Ratio Lower Upper

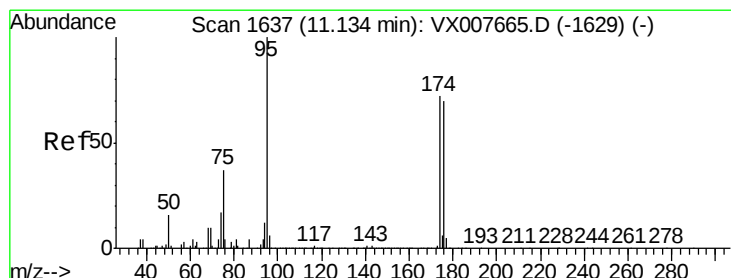
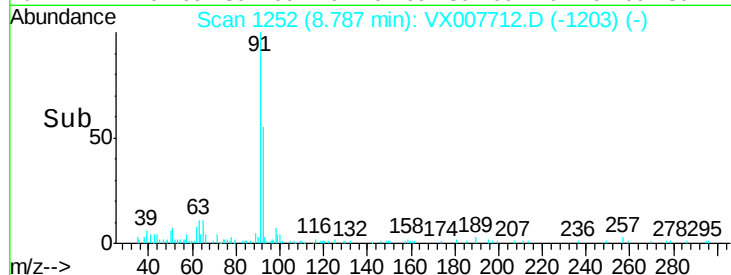
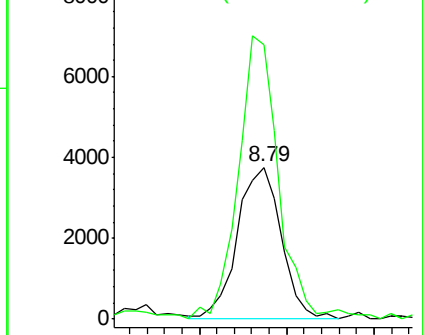
92 100

91 168.1 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.906 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007712.D

Acq: 26 Feb 2019 14:39

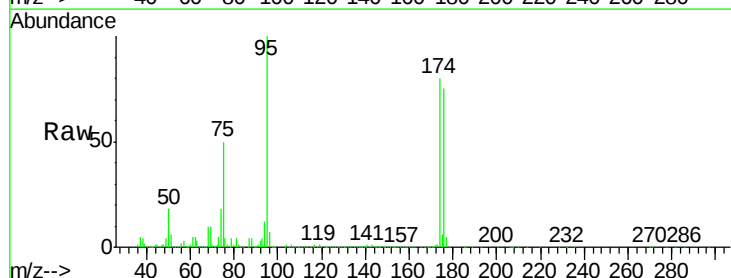
Tgt Ion: 95 Resp: 250869

Ion Ratio Lower Upper

95 100

174 85.2 0.0 189.2

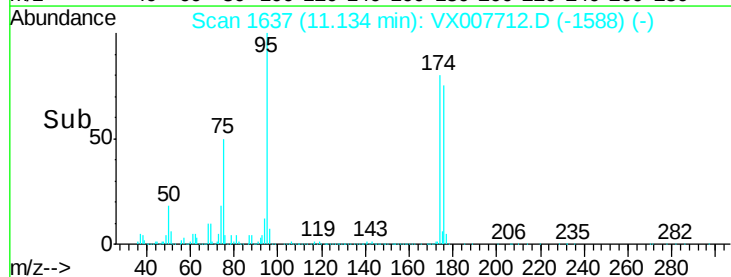
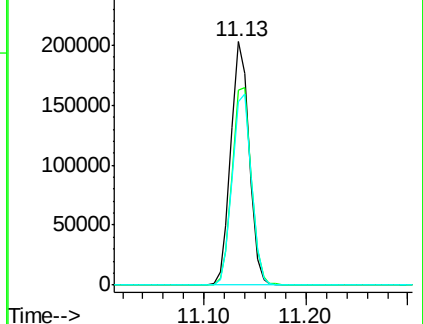
176 82.1 0.0 186.2

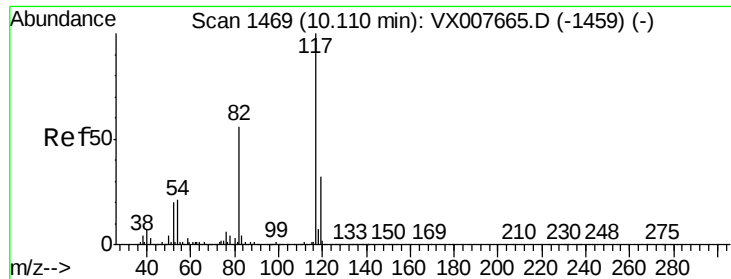


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

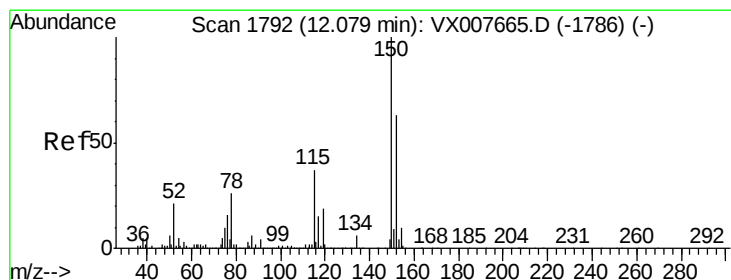
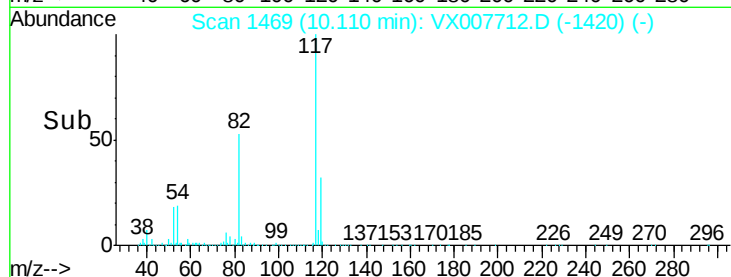
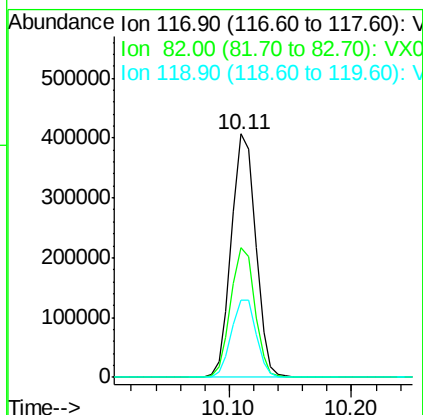
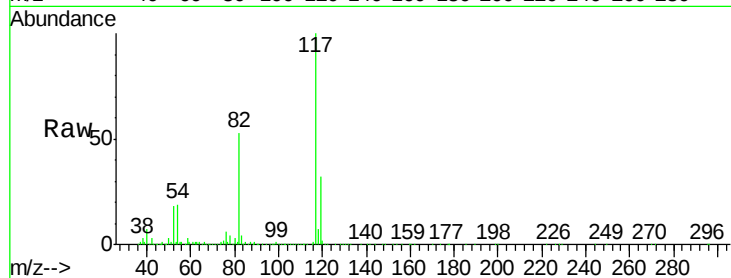




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190221

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.1	63.1
119	31.8	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007712.D
Acq: 26 Feb 2019 14:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	38.0	114.0
150	157.0	0.0	346.4

