

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052019\
 Data File : VX009722.D
 Acq On : 20 May 2019 13:42
 Operator : JC/SP
 Sample : K2891-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-TB-20190513

Quant Time: May 20 14:16:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

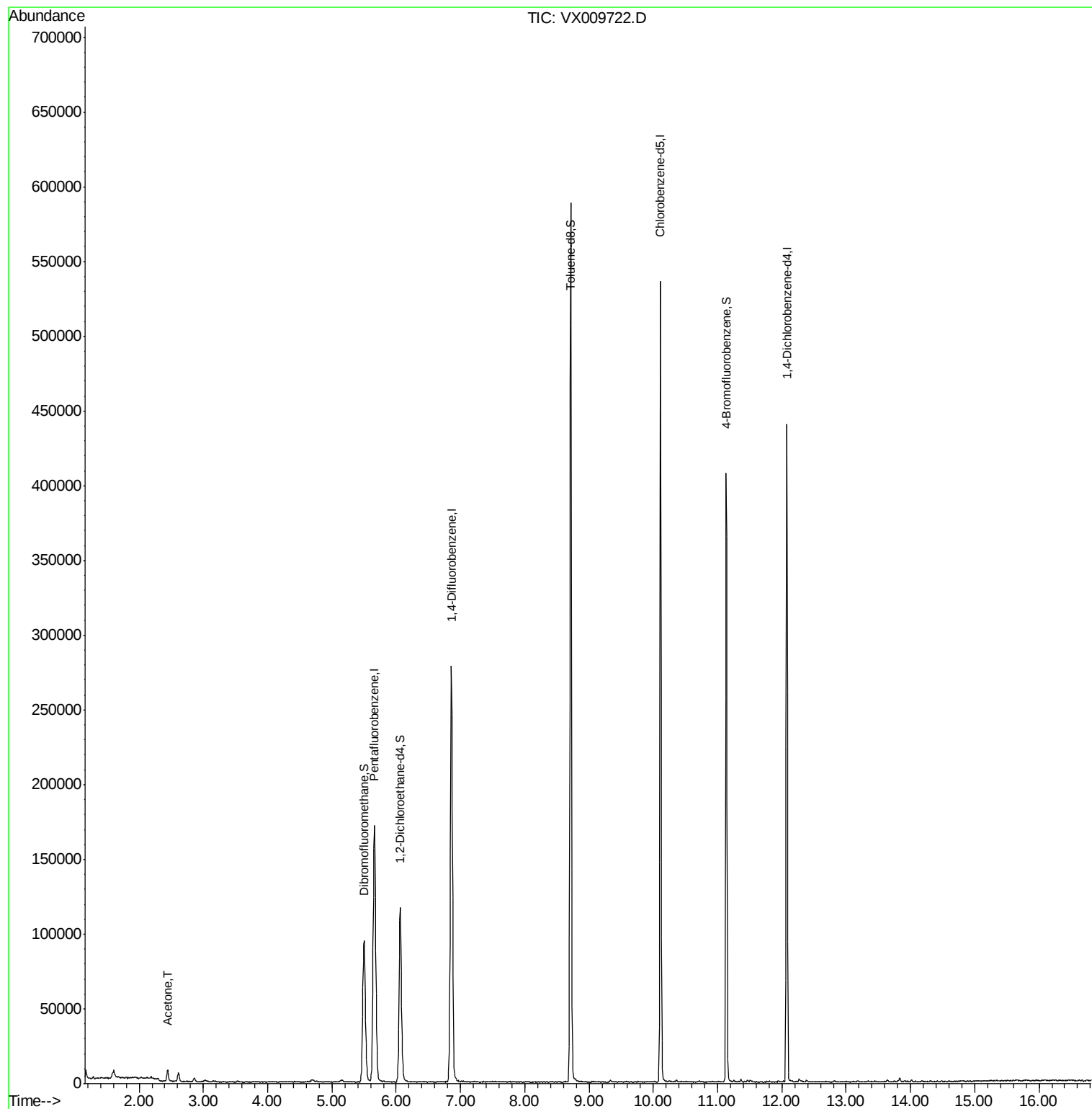
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	167888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	90121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111864	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	5.50	113	82475	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
50) Toluene-d8	8.71	98	337618	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	104991	42.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.76%	
Target Compounds						
16) Acetone	2.45	43	9182	7.461	ug/l #	Qvalue 84

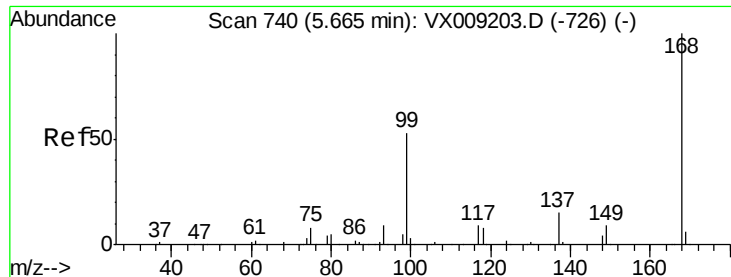
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009722.D

Acq: 20 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

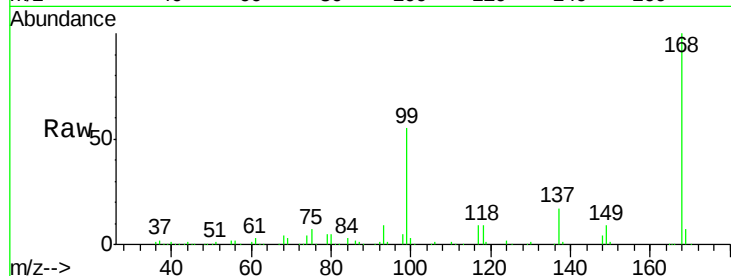
BP-VPB202-TB-20190513

Tot Ion:168 Resp: 167888

Ion Ratio Lower Upper

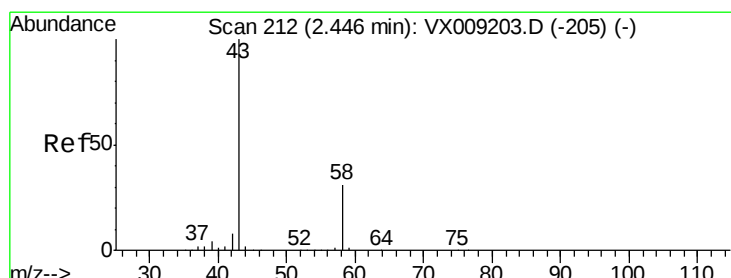
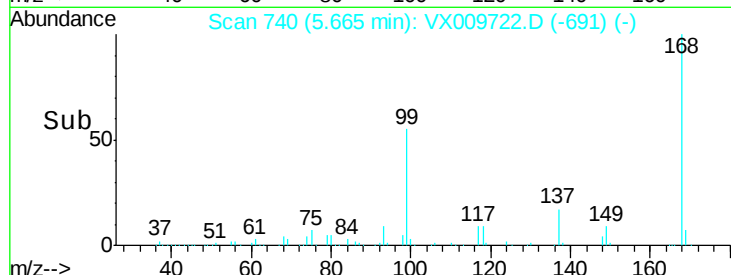
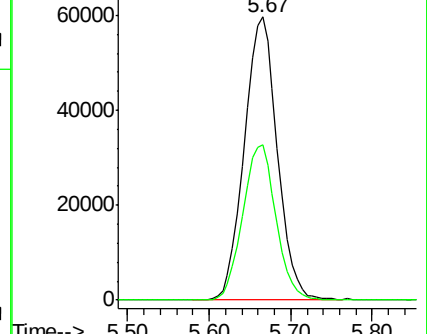
168 100

99 54.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.461 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009722.D

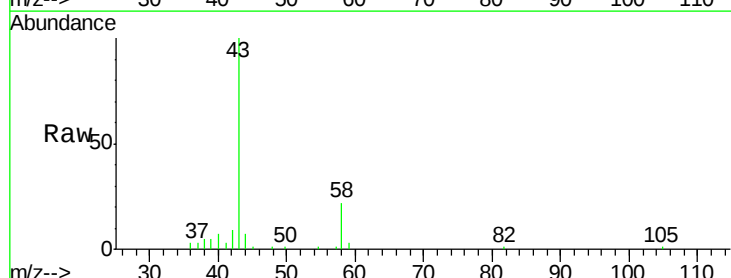
Acq: 20 May 2019 13:42

Tgt Ion: 43 Resp: 9182

Ion Ratio Lower Upper

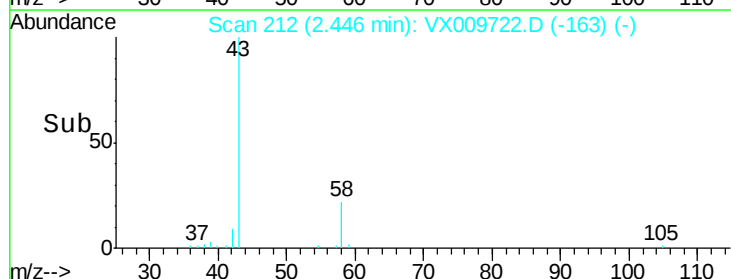
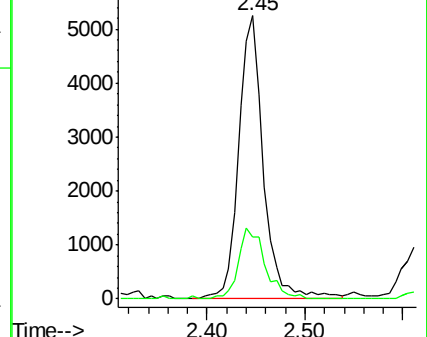
43 100

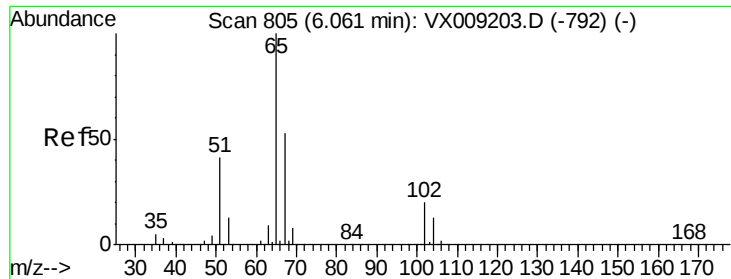
58 22.1 24.9 37.3#



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: 48.809 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009722.D

Acq: 20 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

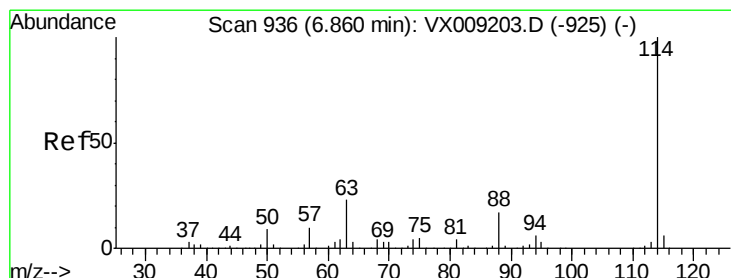
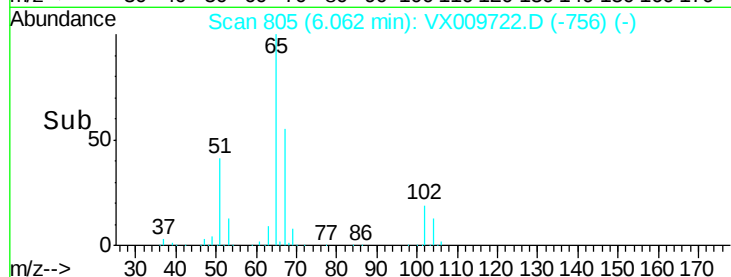
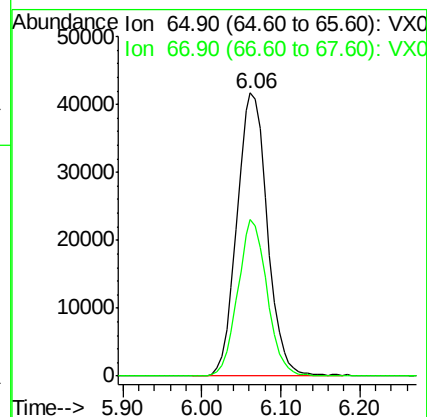
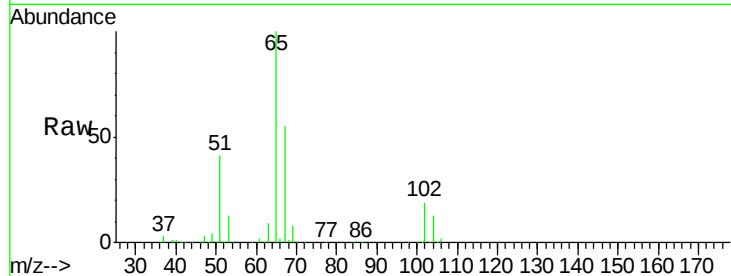
BP-VPB202-TB-20190513

Tot Ion: 65 Resp: 111864

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009722.D

Acq: 20 May 2019 13:42

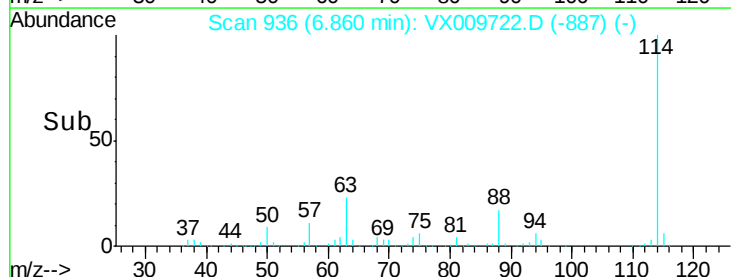
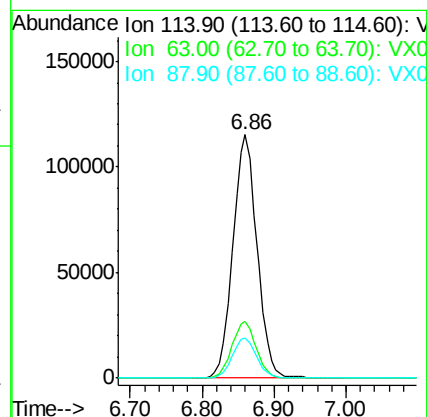
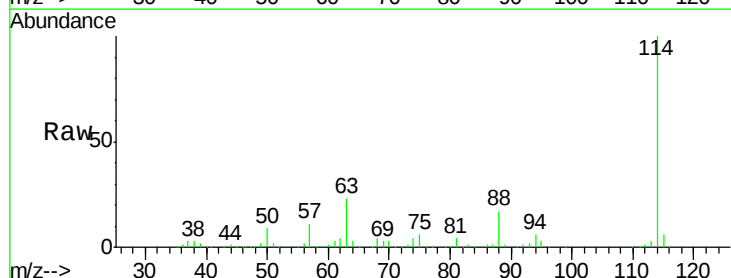
Tgt Ion: 114 Resp: 268651

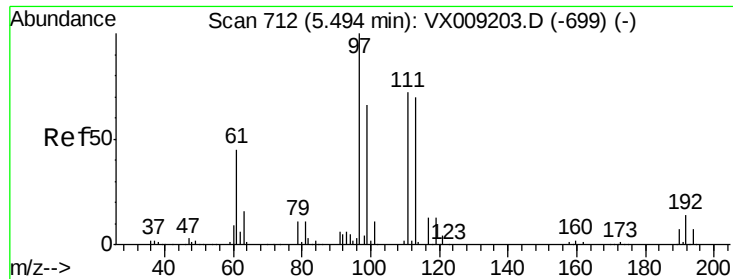
Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.6

88 16.6 0.0 33.2

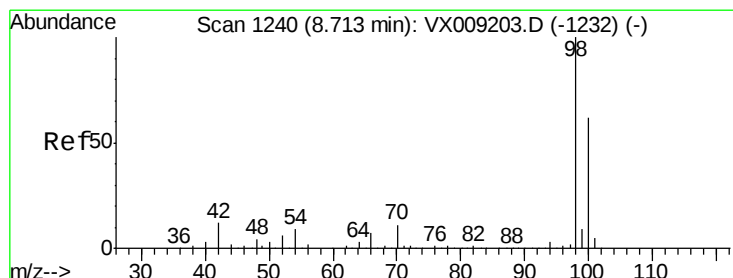
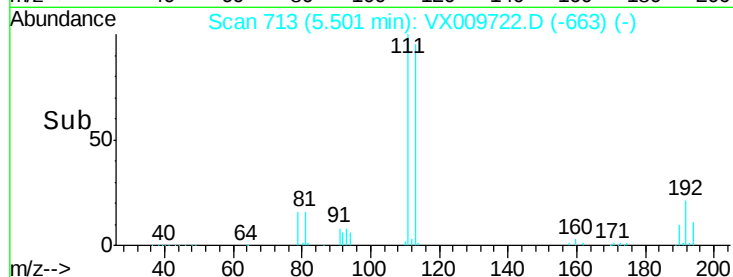
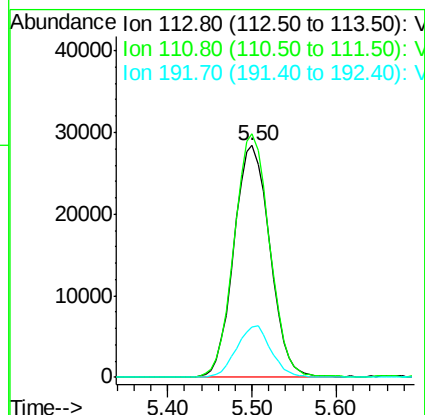
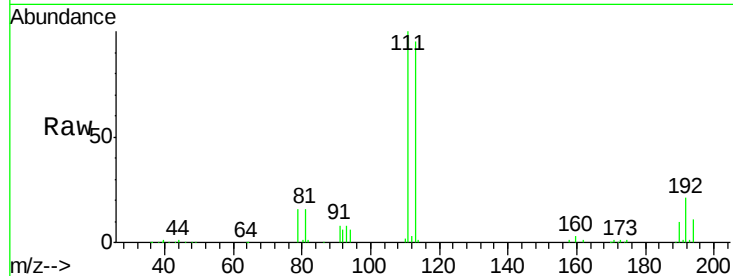




#35
 Dibromofluoromethane
 Concen: 48.835 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009722.D
 Acq: 20 May 2019 13:42

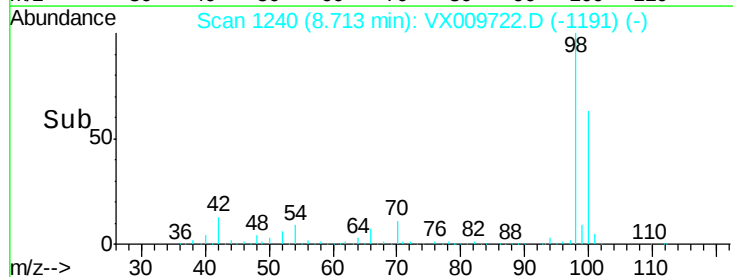
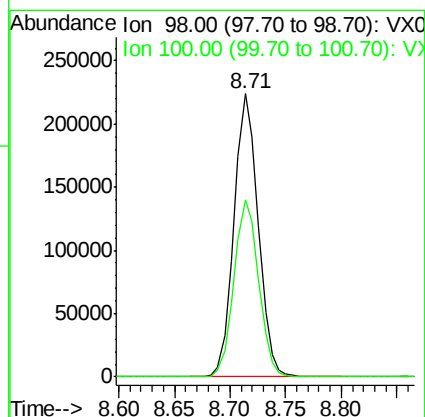
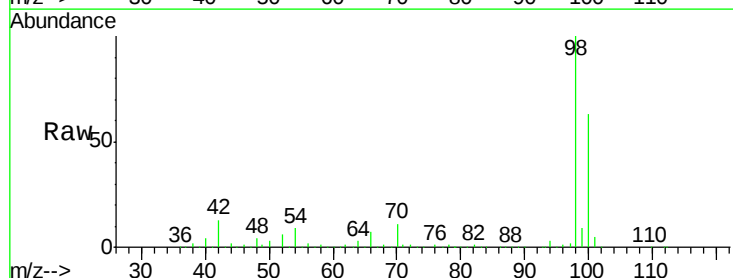
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-TB-20190513

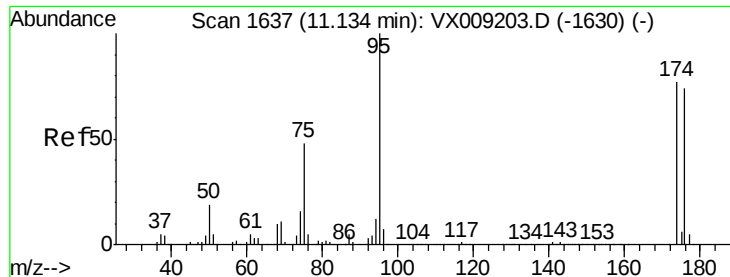
Tot Ion:113 Resp: 82475
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.8 124.2
 192 21.1 17.0 25.6



#50
 Toluene-d8
 Concen: 49.516 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009722.D
 Acq: 20 May 2019 13:42

Tgt Ion: 98 Resp: 337618
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 42.378 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009722.D

Acq: 20 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-TB-20190513

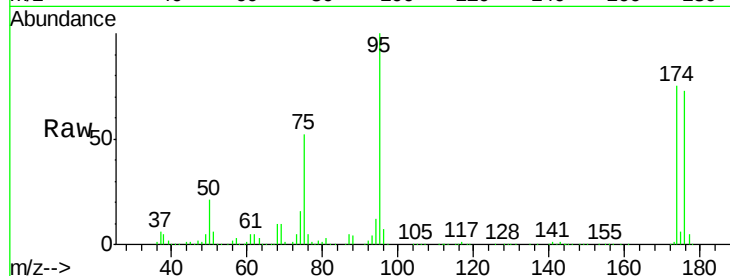
Tot Ion: 95 Resp: 104991

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

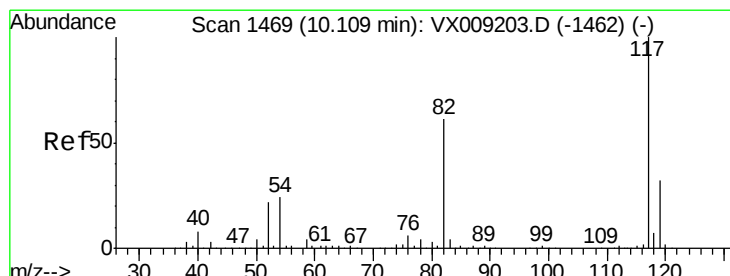
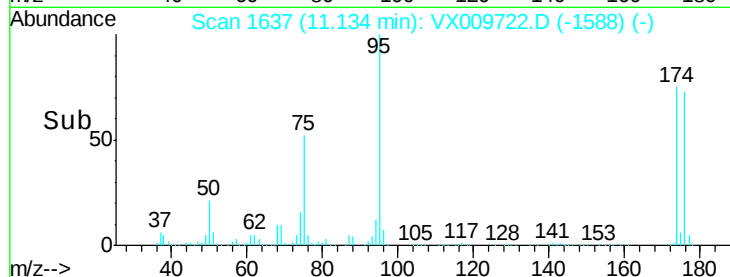
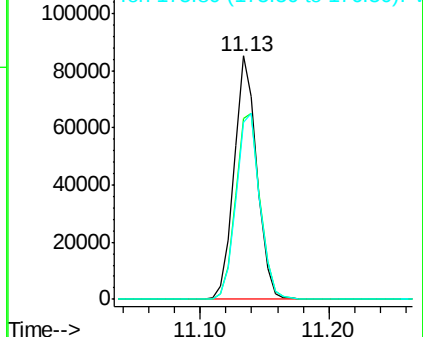
176 79.8 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009722.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009722.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009722.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009722.D

Acq: 20 May 2019 13:42

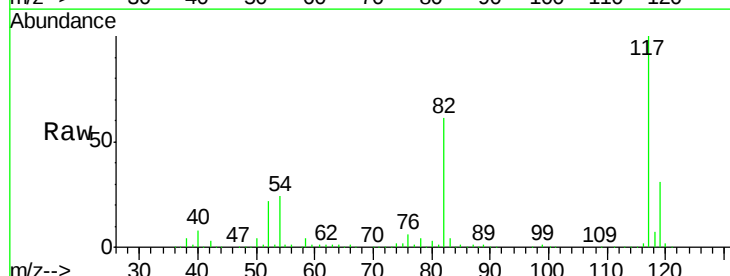
Tgt Ion: 117 Resp: 231079

Ion Ratio Lower Upper

117 100

82 60.8 48.8 73.2

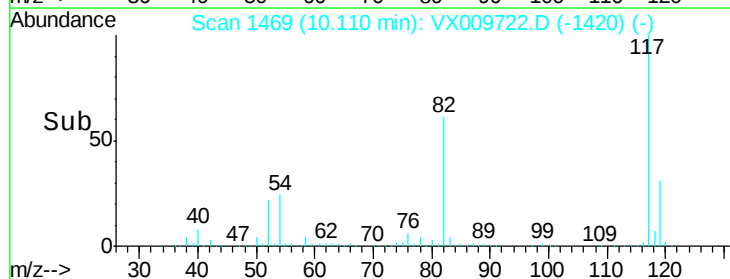
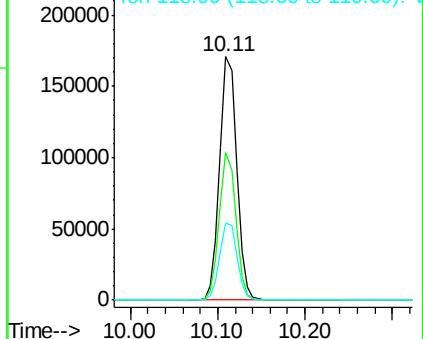
119 31.5 25.8 38.6

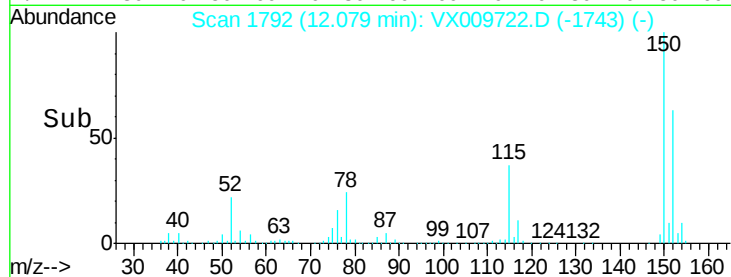
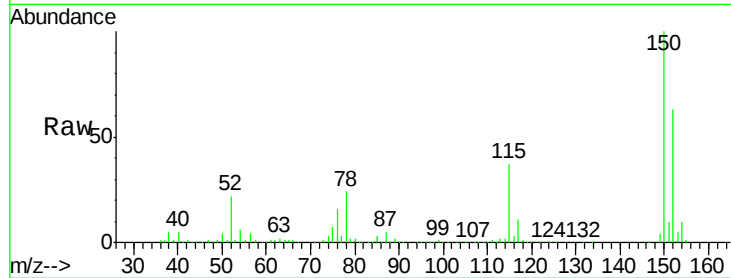
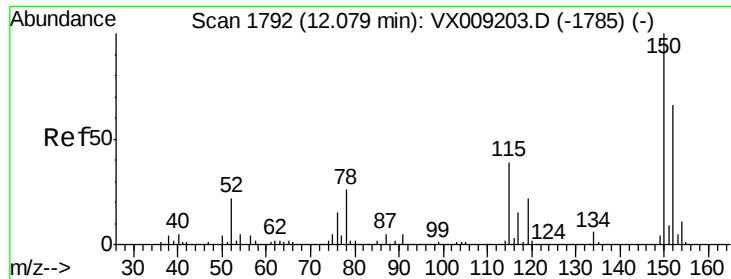


Abundance Ion 116.90 (116.60 to 117.60): VX009722.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009722.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009722.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009722.D

Acq: 20 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-TB-20190513

Tot Ion:152 Resp: 90121

Ion Ratio Lower Upper

152 100

115 59.2 41.2 123.6

150 158.1 0.0 346.4

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

