

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052019\
 Data File : VX009718.D
 Acq On : 20 May 2019 12:08
 Operator : JC/SP
 Sample : K2891-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-EB-20190515

Quant Time: May 20 14:15:48 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

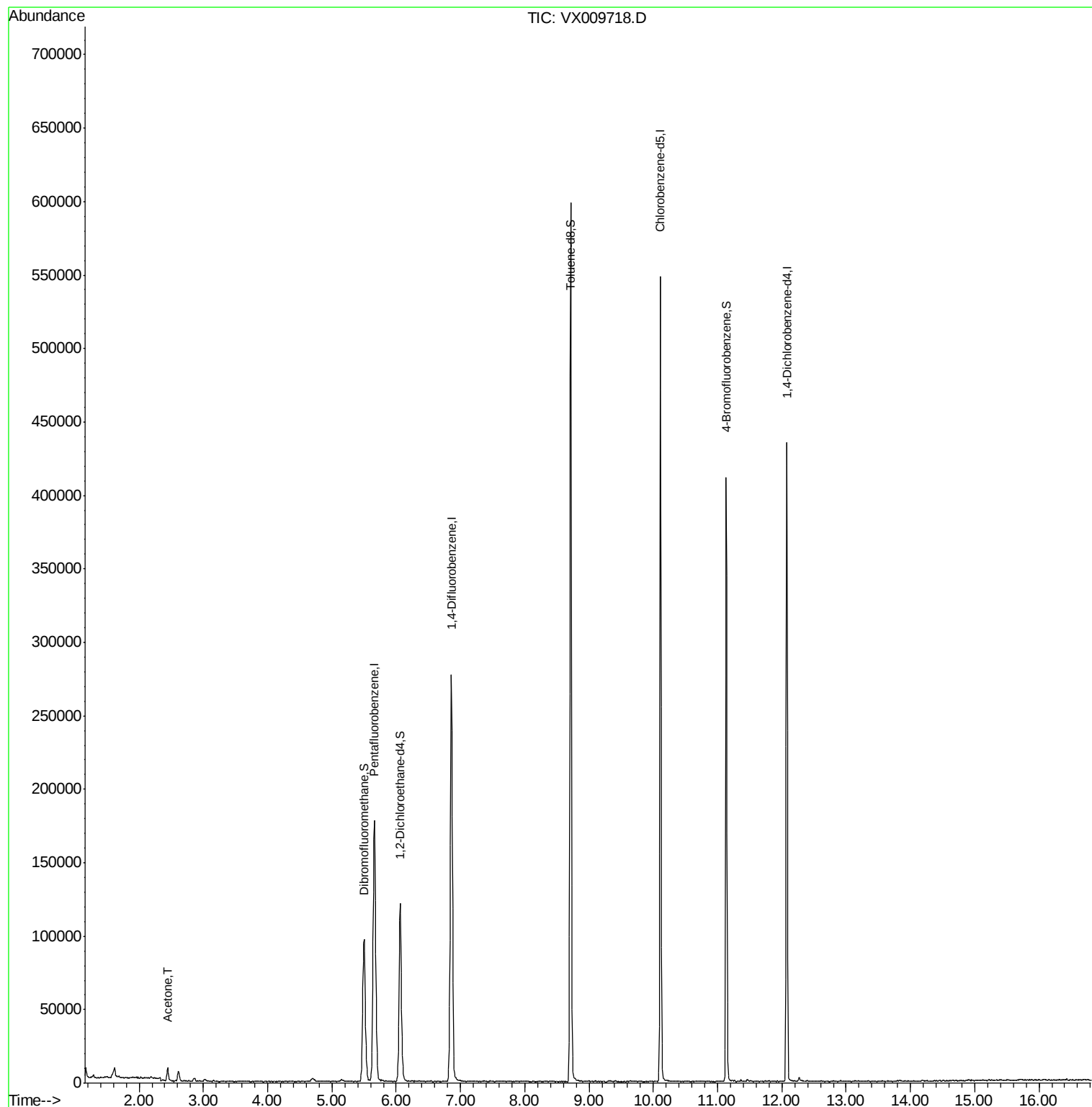
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	172339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268021	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112613	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	5.50	113	82599	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	8.71	98	339673	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.13	95	104327	42.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.42%	
Target Compounds						
16) Acetone	2.45	43	8878	7.028	ug/l	Qvalue 95

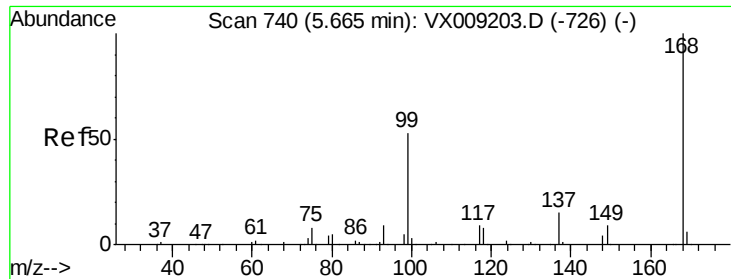
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009718.D

Acq: 20 May 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

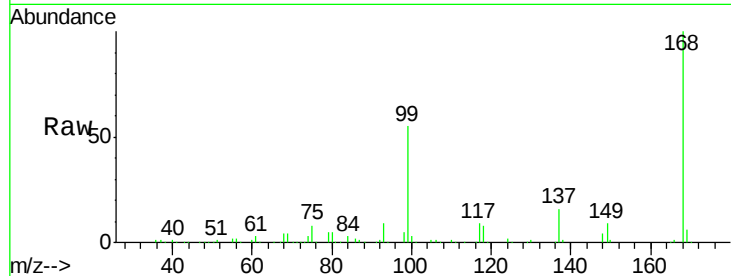
BP-VPB202-EB-20190515

Tot Ion:168 Resp: 172339

Ion Ratio Lower Upper

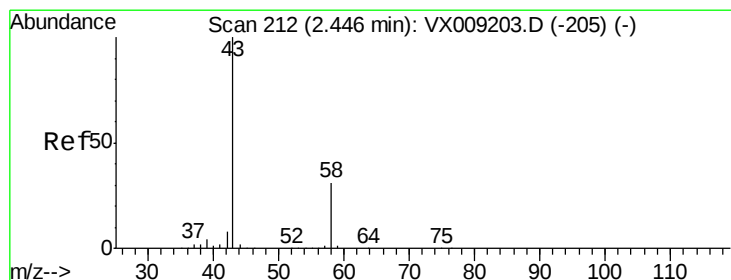
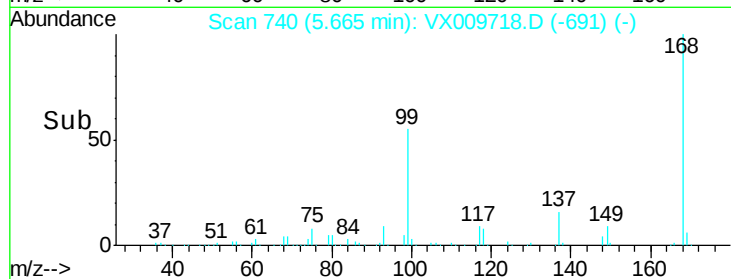
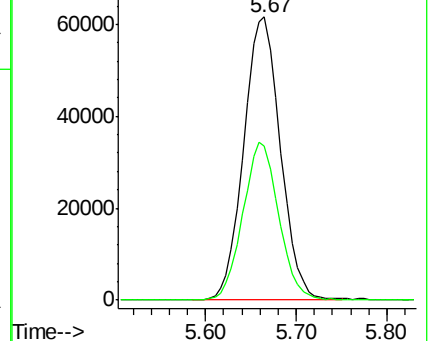
168 100

99 54.6 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: 7.028 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009718.D

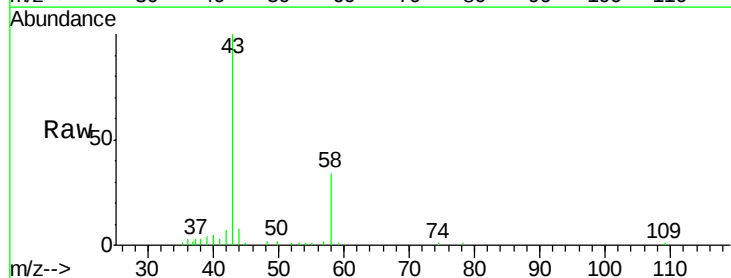
Acq: 20 May 2019 12:08

Tgt Ion: 43 Resp: 8878

Ion Ratio Lower Upper

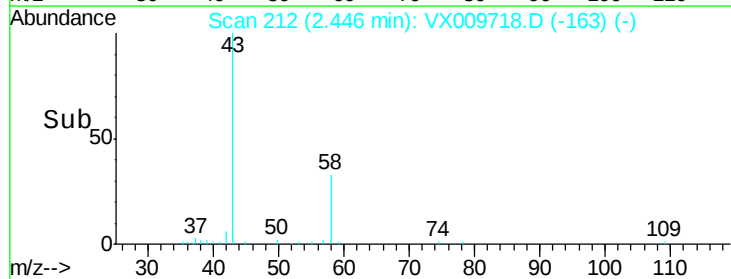
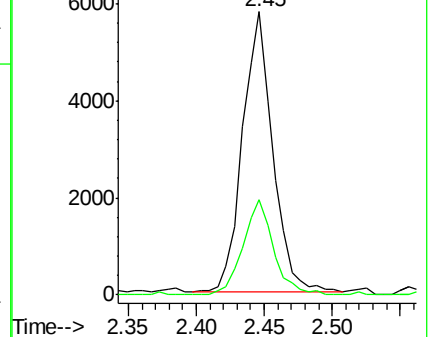
43 100

58 34.0 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: 47.867 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009718.D

Acq: 20 May 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

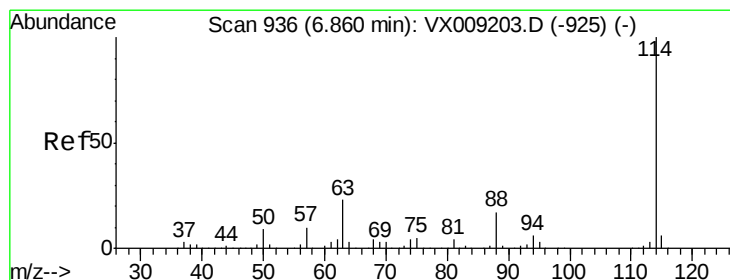
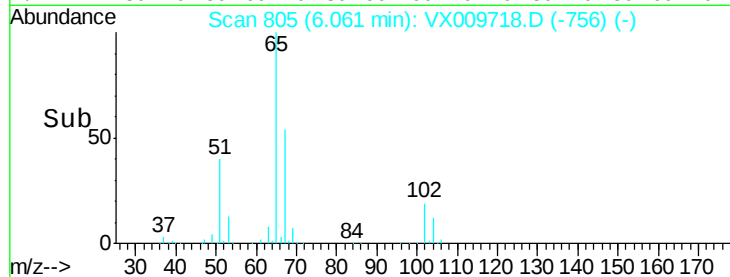
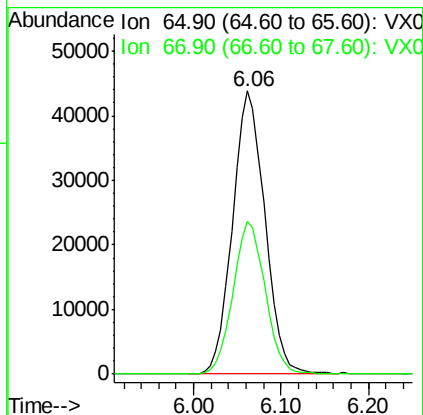
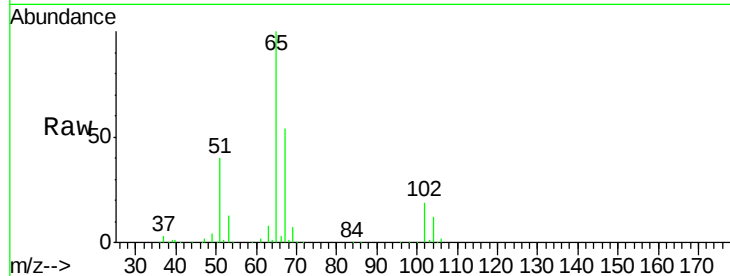
BP-VPB202-EB-20190515

Tot Ion: 65 Resp: 112613

Ion Ratio Lower Upper

65 100

67 53.9 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: VX009718.D

Acq: 20 May 2019 12:08

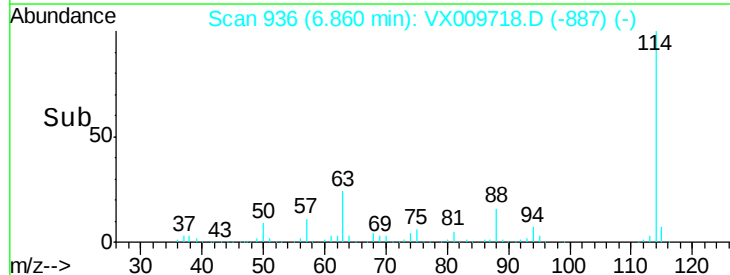
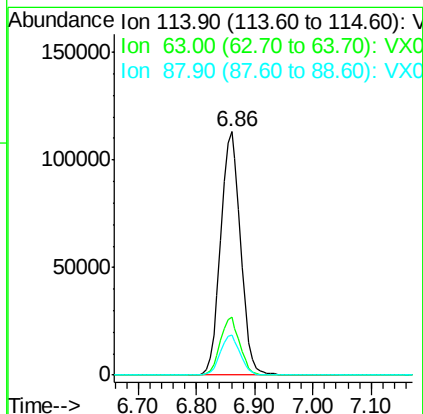
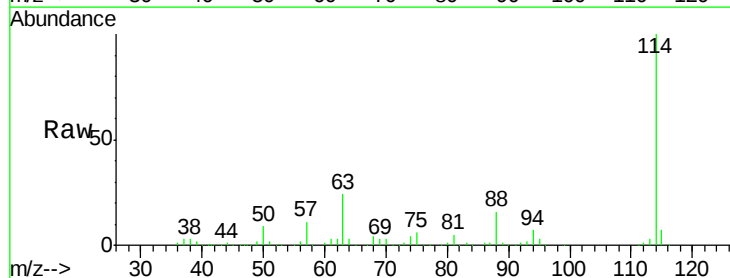
Tgt Ion: 114 Resp: 268021

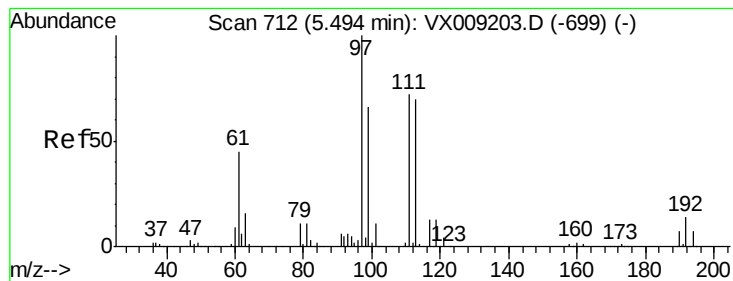
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.6

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.023 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009718.D

Acq: 20 May 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-EB-20190515

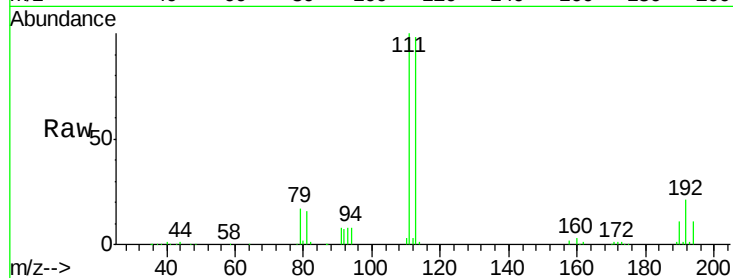
Tot Ion:113 Resp: 82599

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

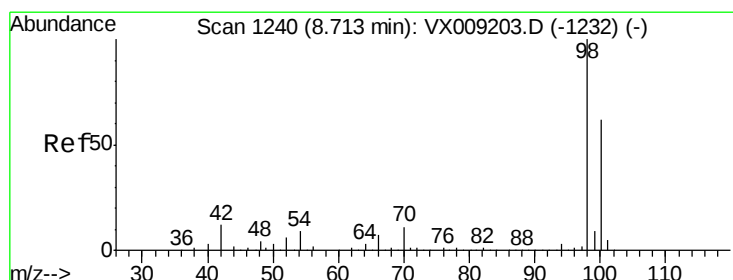
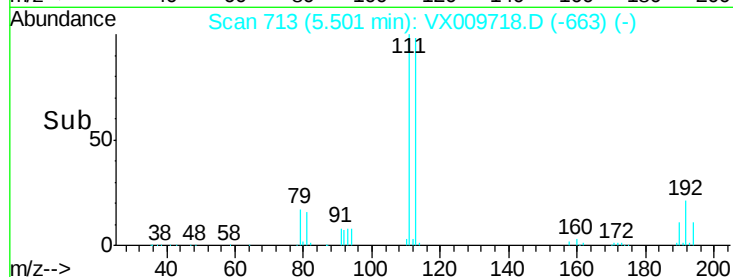
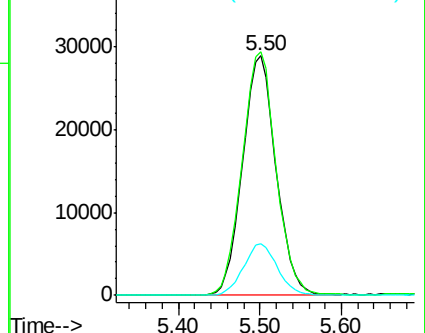
192 21.8 17.0 25.6



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: 49.935 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009718.D

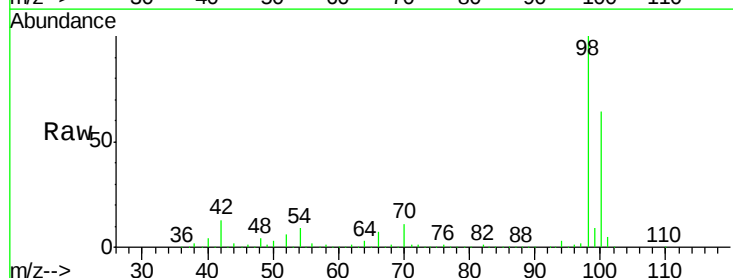
Acq: 20 May 2019 12:08

Tgt Ion: 98 Resp: 339673

Ion Ratio Lower Upper

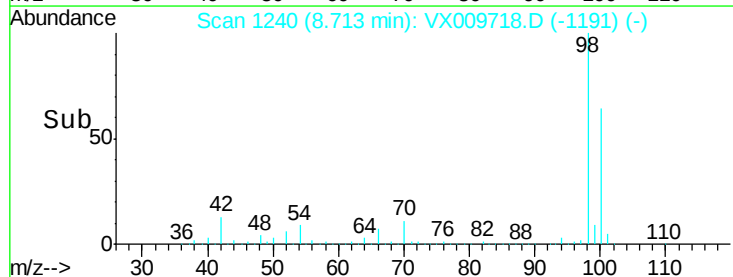
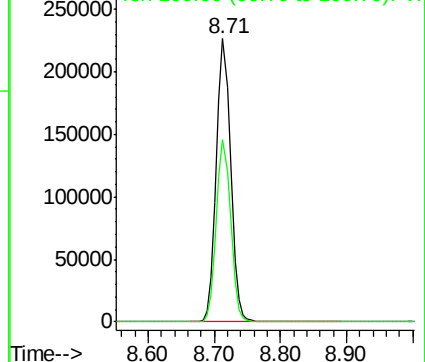
98 100

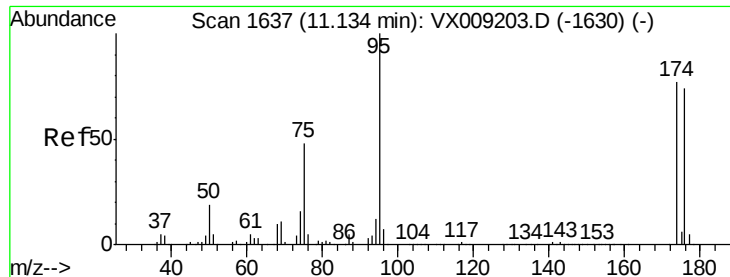
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.209 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009718.D

Acq: 20 May 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-EB-20190515

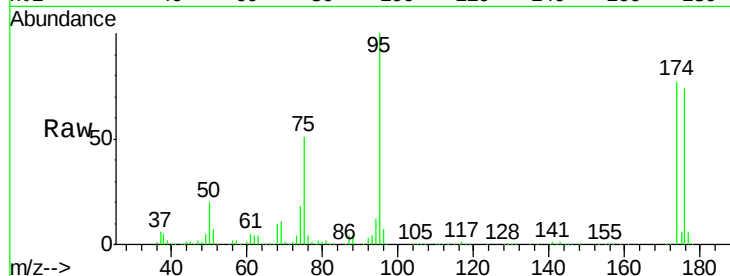
Tot Ion: 95 Resp: 104327

Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.6

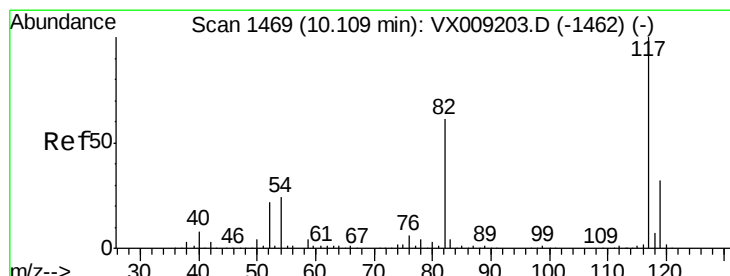
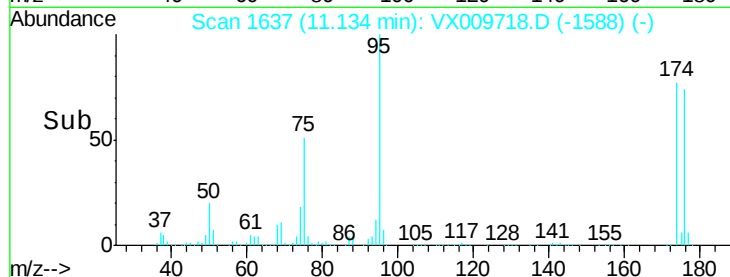
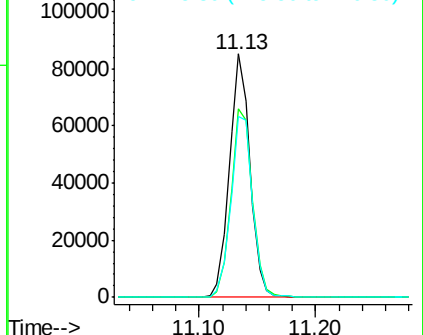
176 78.9 0.0 159.2



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: VX009718.D

Acq: 20 May 2019 12:08

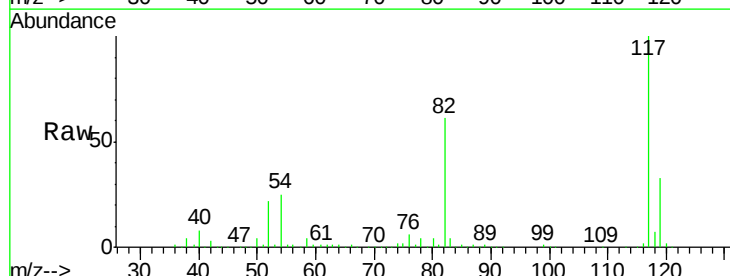
Tgt Ion: 117 Resp: 232031

Ion Ratio Lower Upper

117 100

82 61.1 48.8 73.2

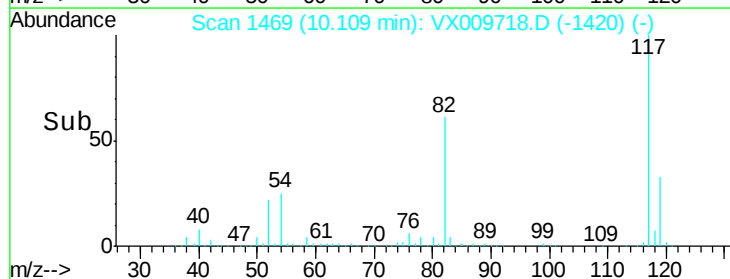
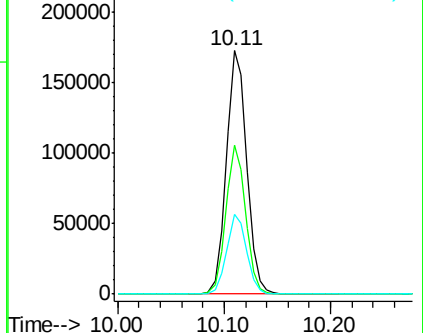
119 32.8 25.8 38.6

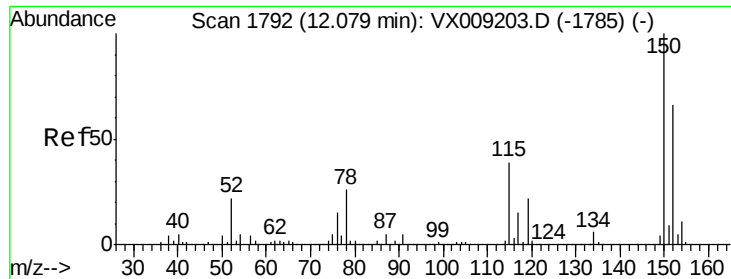


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009718.D

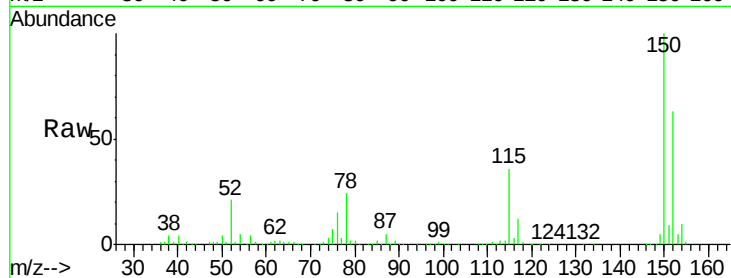
Acq: 20 May 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-EB-20190515



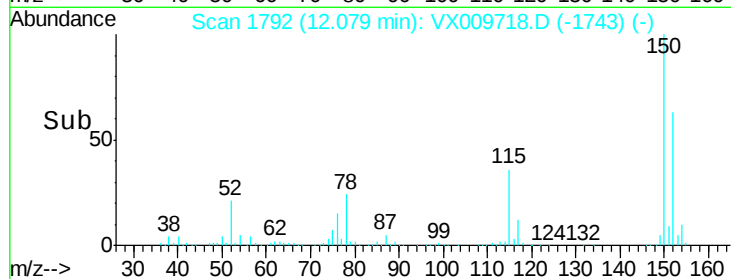
Tot Ion:152 Resp: 89285

Ion Ratio Lower Upper

152 100

115 57.4 41.2 123.6

150 155.1 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

