

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005210.D
 Acq On : 10 Oct 2018 16:53
 Operator : JC/MD
 Sample : J5317-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB03-20181004

Quant Time: Oct 11 07:08:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	281364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150690	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	136713	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	5.51	113	117517	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	8.72	98	406172	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.14	95	143523	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	

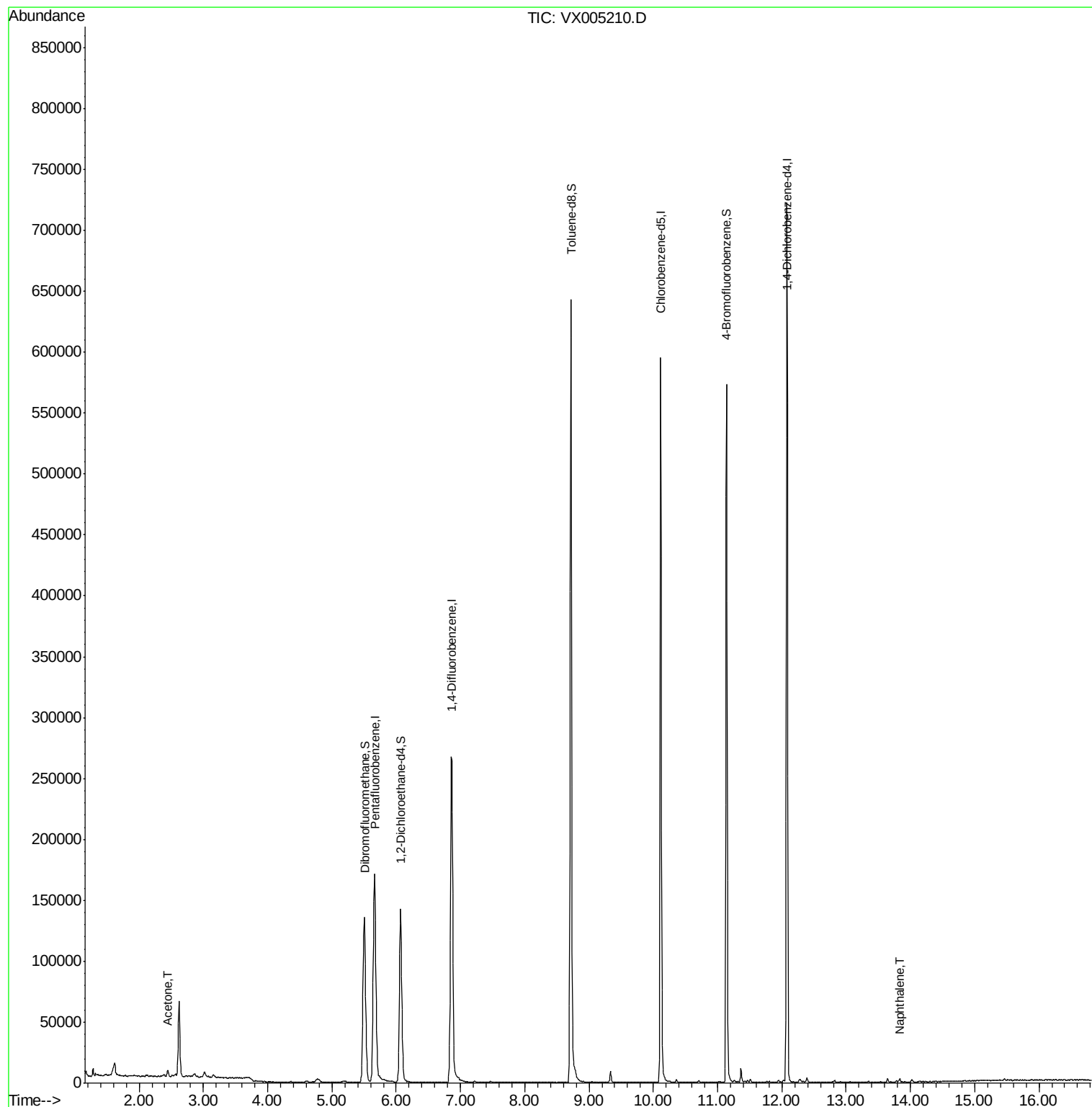
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	5351	3.59	ug/l	98
95) Naphthalene	13.83	128	1705	0.85	ug/l	98

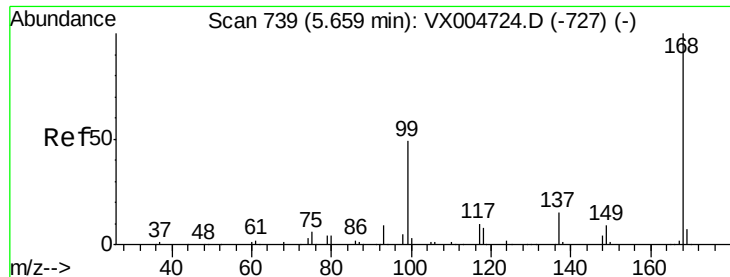
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 04:00:03 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005210.D

Acq: 10 Oct 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

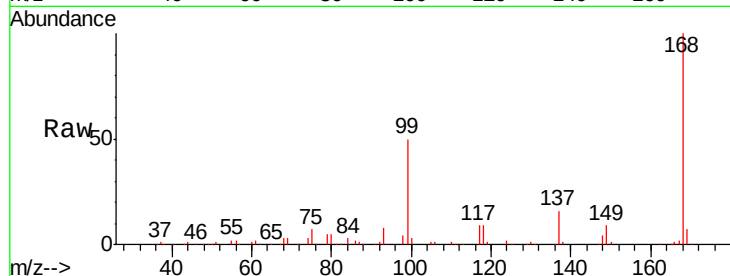
BP-TT-TB03-20181004

Tgt Ion:168 Resp: 178494

Ion Ratio Lower Upper

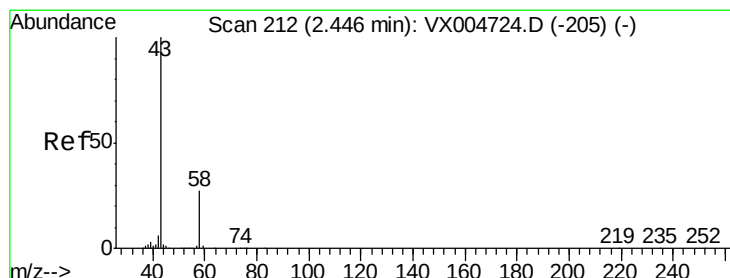
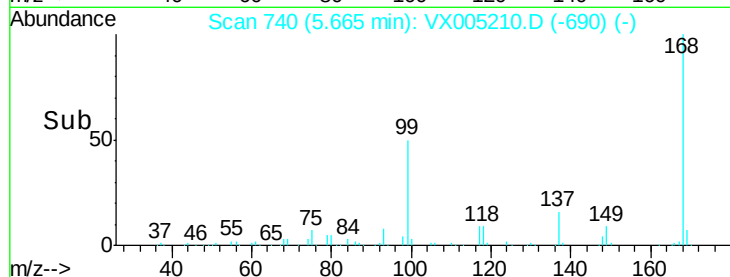
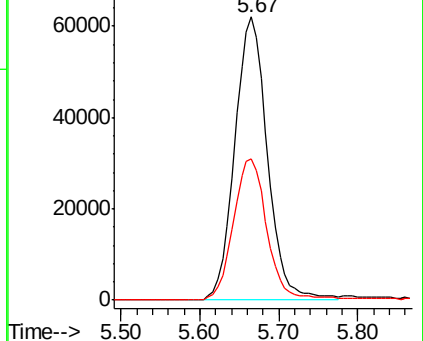
168 100

99 50.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.59 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005210.D

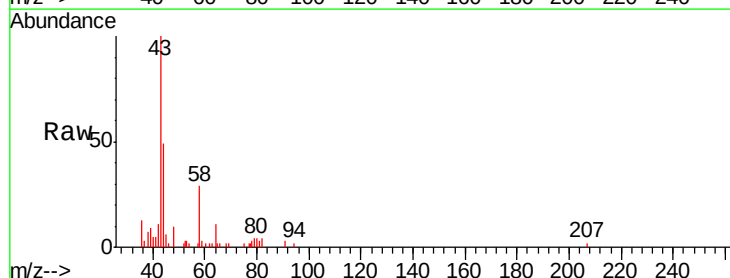
Acq: 10 Oct 2018 16:53

Tgt Ion: 43 Resp: 5351

Ion Ratio Lower Upper

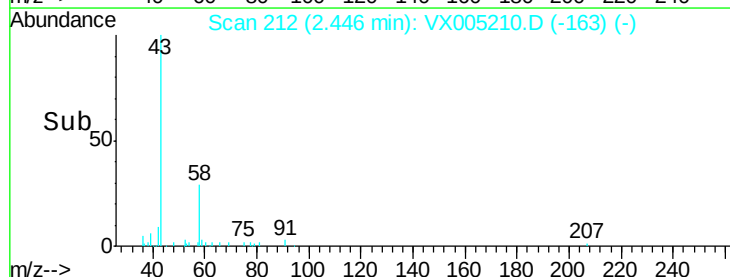
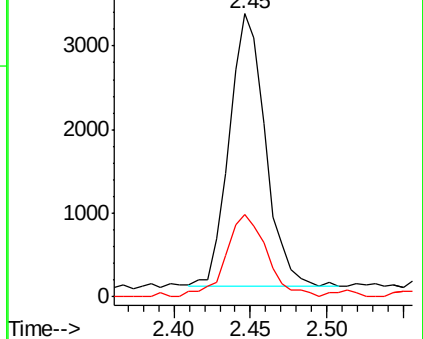
43 100

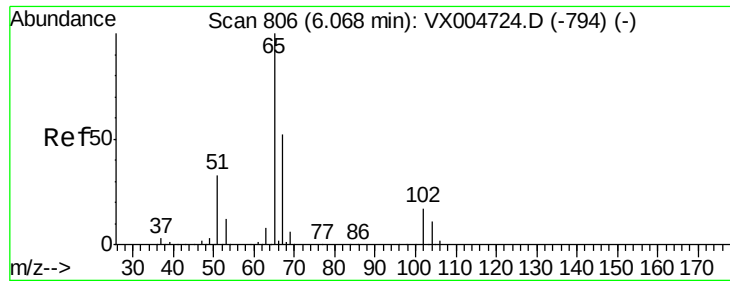
58 28.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

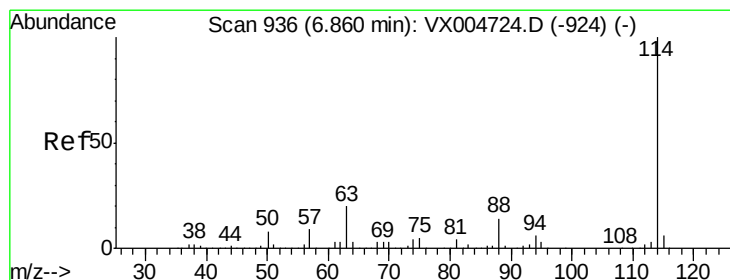
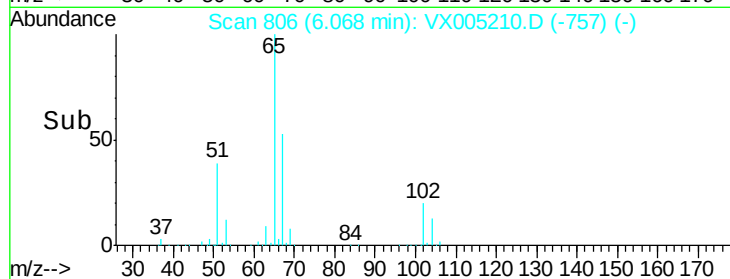
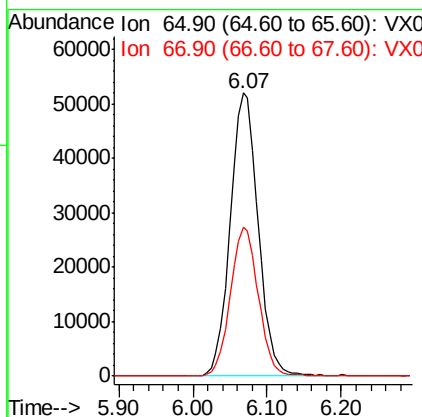
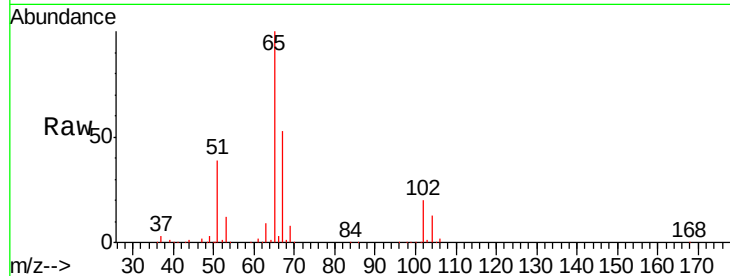




#33
 1,2-Dichloroethane-d4
 Concen: 53.62 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005210.D
 Acq: 10 Oct 2018 16:53

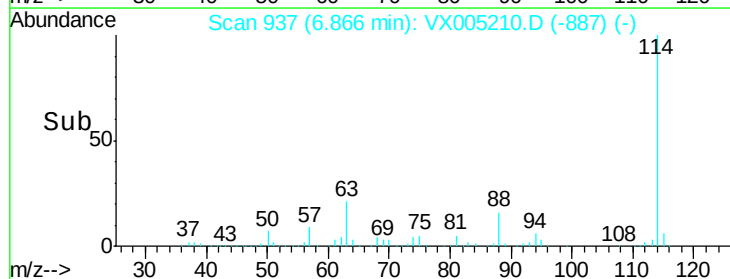
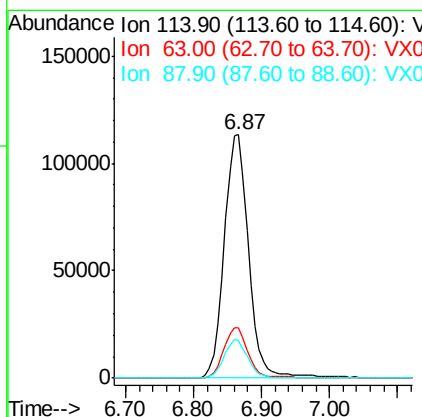
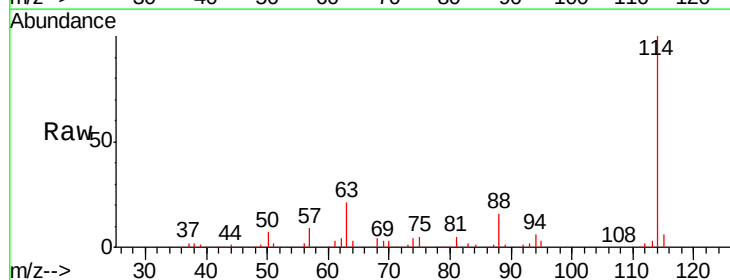
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB03-20181004

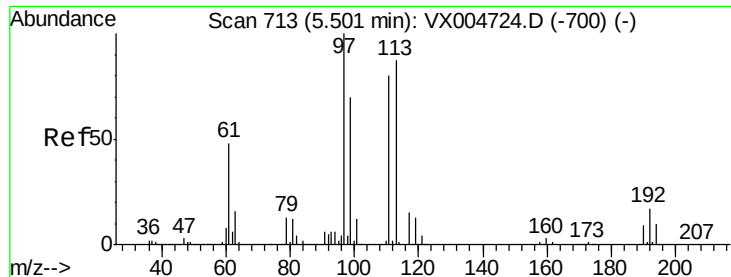
Tgt Ion: 65 Resp: 136713
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005210.D
 Acq: 10 Oct 2018 16:53

Tgt Ion: 114 Resp: 281364
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.8
 88 15.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.28 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005210.D

Acq: 10 Oct 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TB03-20181004

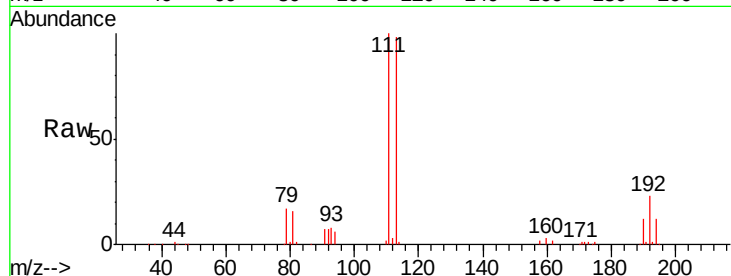
Tgt Ion:113 Resp: 117517

Ion Ratio Lower Upper

113 100

111 101.6 77.0 115.4

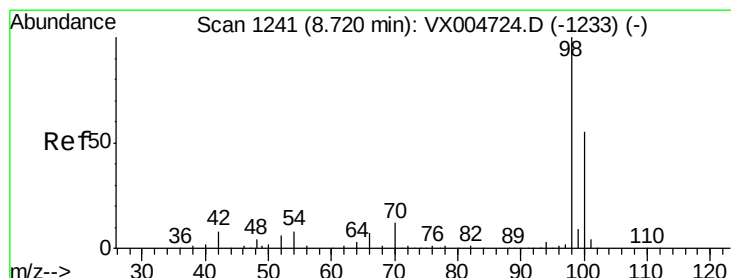
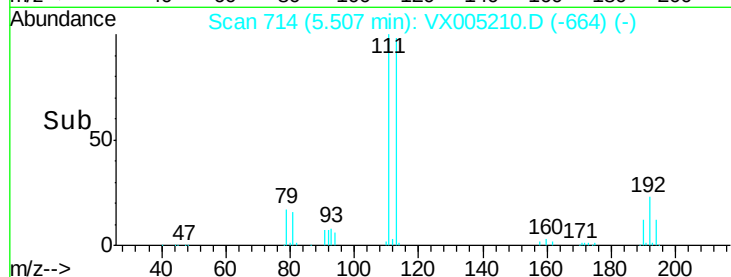
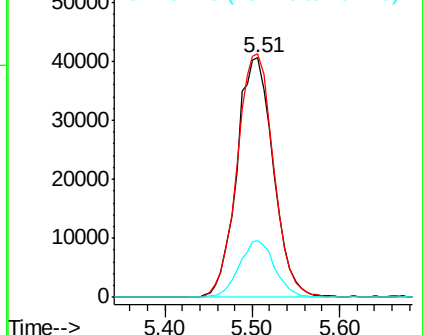
192 23.0 17.0 25.6



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: 51.24 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005210.D

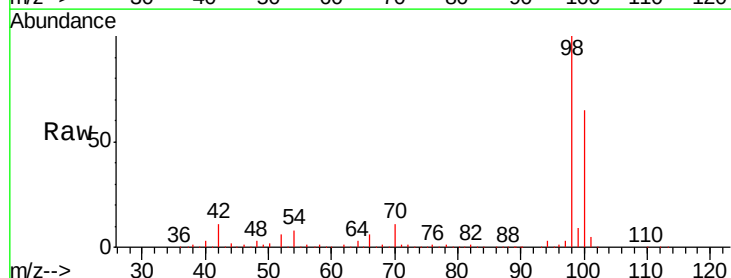
Acq: 10 Oct 2018 16:53

Tgt Ion: 98 Resp: 406172

Ion Ratio Lower Upper

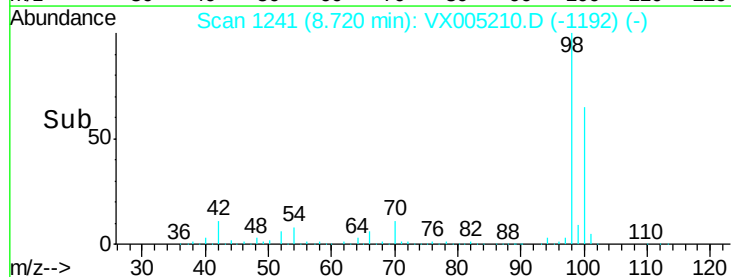
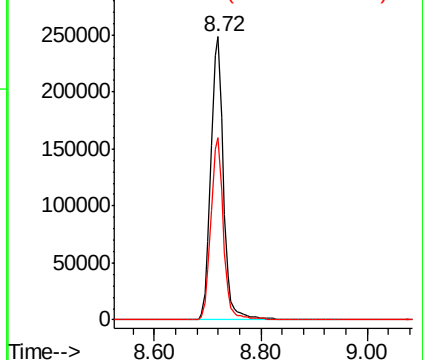
98 100

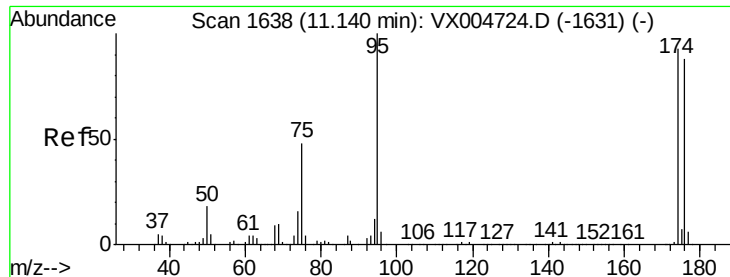
100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.25 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005210.D

Acq: 10 Oct 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TB03-20181004

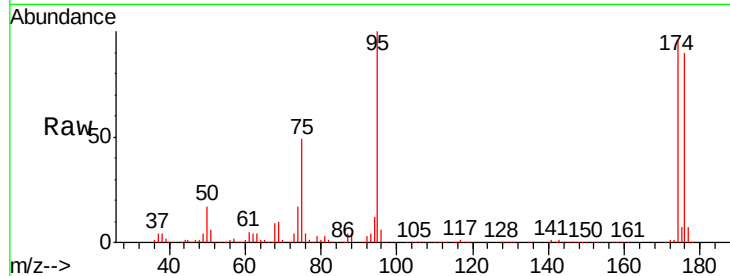
Tgt Ion: 95 Resp: 143523

Ion Ratio Lower Upper

95 100

174 93.9 0.0 185.0

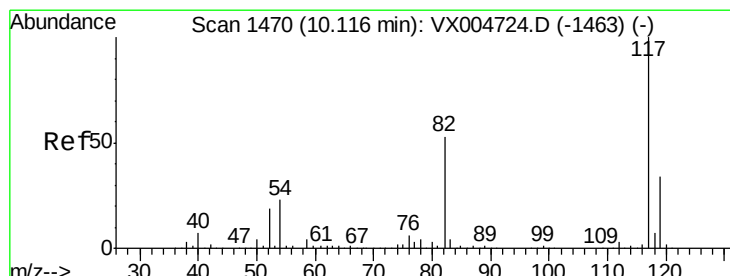
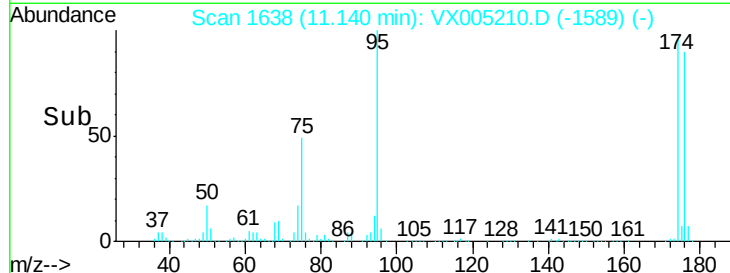
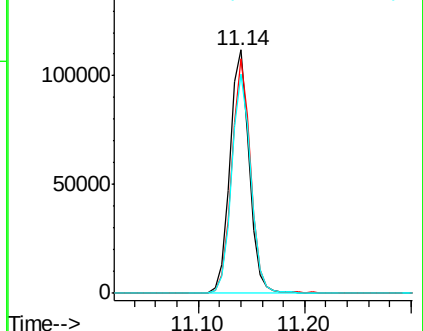
176 89.6 0.0 180.2



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: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005210.D

Acq: 10 Oct 2018 16:53

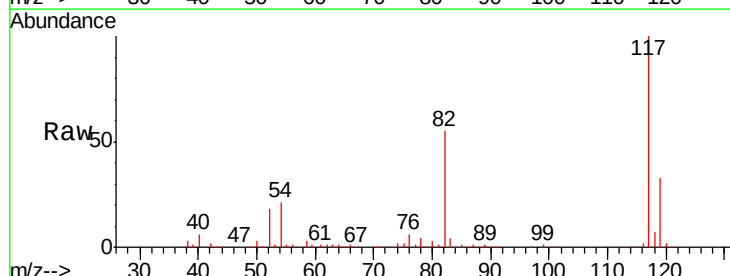
Tgt Ion: 117 Resp: 274799

Ion Ratio Lower Upper

117 100

82 54.7 42.2 63.4

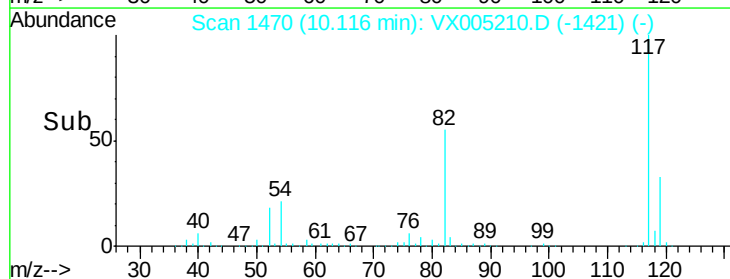
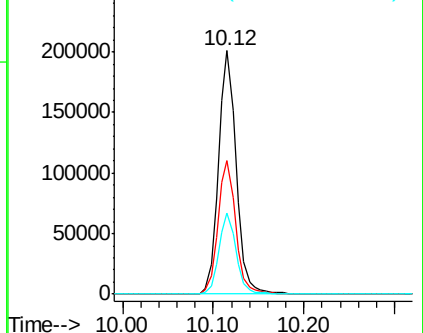
119 33.3 27.4 41.0

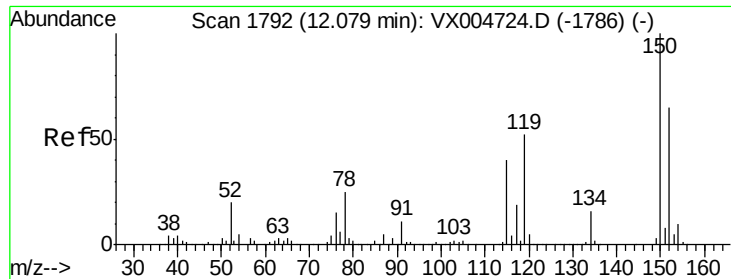


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005210.D

Acq: 10 Oct 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TB03-20181004

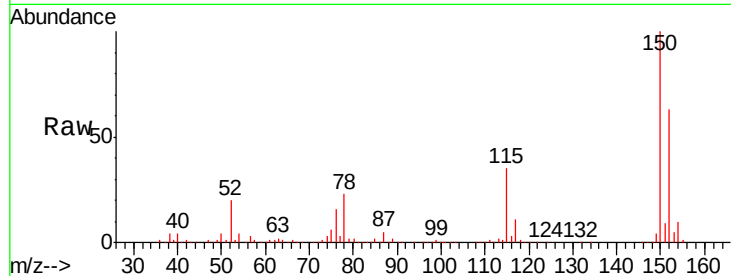
Tgt Ion:152 Resp: 150690

Ion Ratio Lower Upper

152 100

115 55.5 40.2 120.6

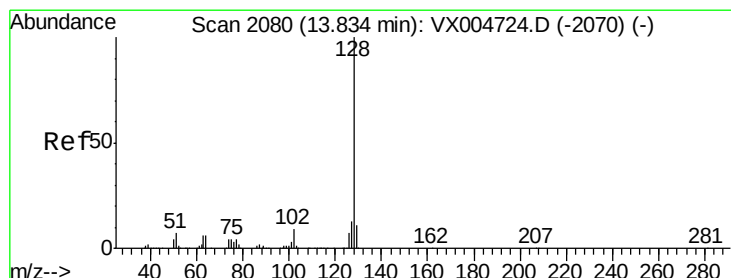
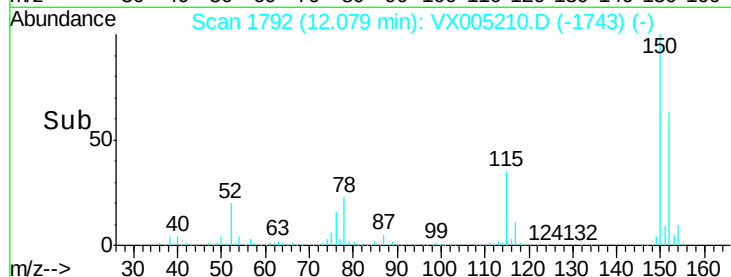
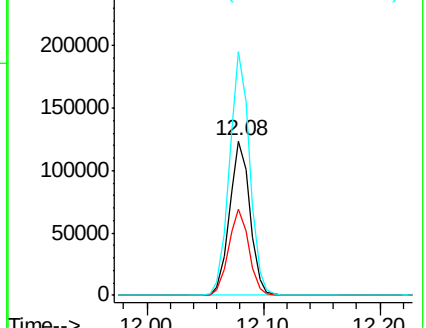
150 156.5 0.0 351.0



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



#95

Naphthalene

Concen: 0.85 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005210.D

Acq: 10 Oct 2018 16:53

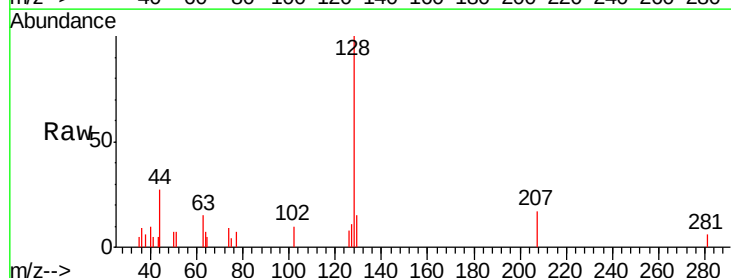
Tgt Ion:128 Resp: 1705

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

