

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010304.D
 Acq On : 14 Jun 2019 16:39
 Operator : JC/SP
 Sample : K3315-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20190607

Quant Time: Jun 15 02:08:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

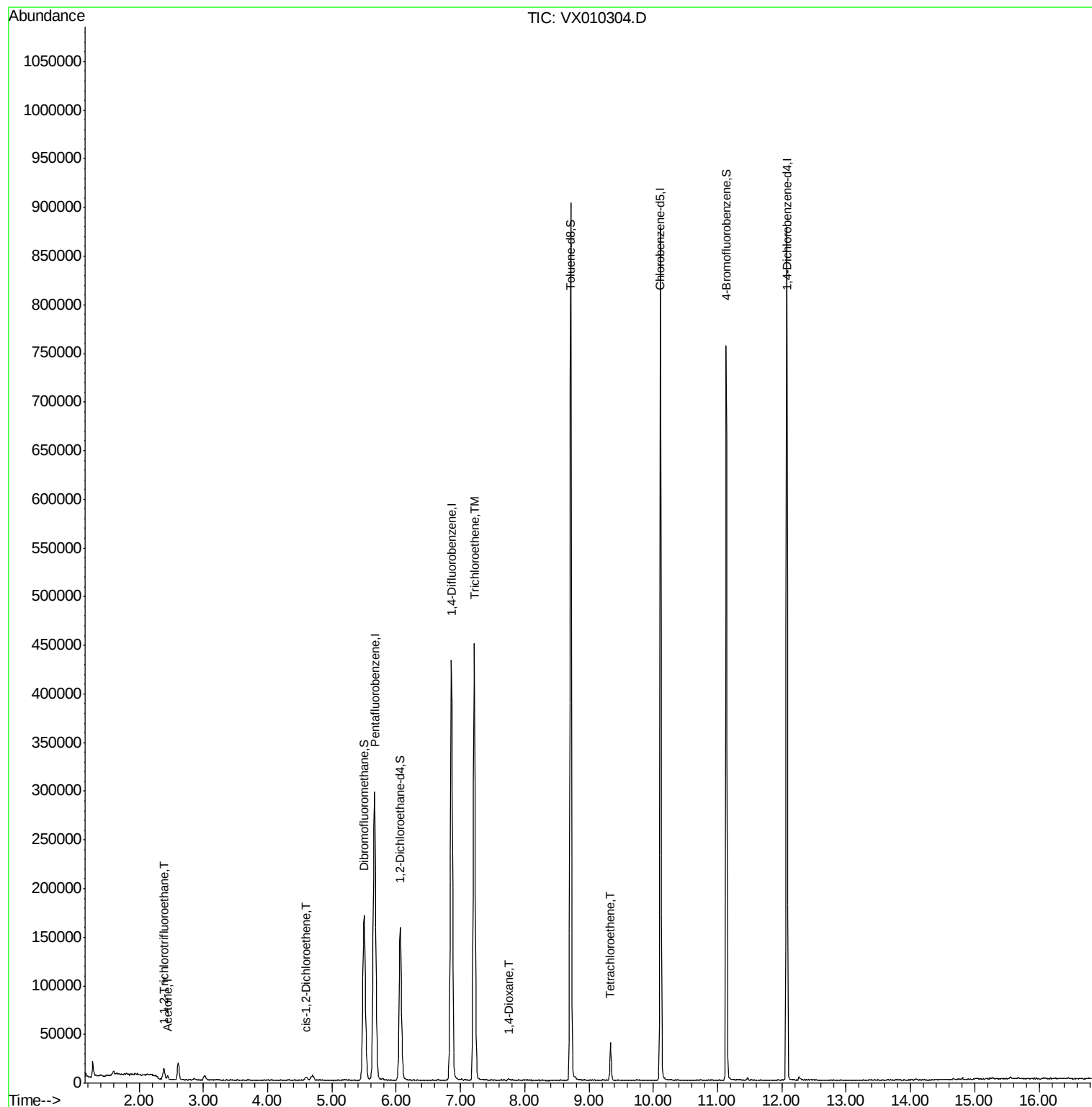
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	431511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	141703	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
35) Dibromofluoromethane	5.50	113	144763	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	562992	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	190282	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3710	1.342	ug/l	89
16) Acetone	2.45	43	3721	2.579	ug/l #	81
27) cis-1,2-Dichloroethene	4.60	96	2060	0.593	ug/l	70
44) Trichloroethene	7.21	130	182309	49.963	ug/l	88
49) 1,4-Dioxane	7.75	88	1081	11.904	ug/l #	79
64) Tetrachloroethene	9.34	164	7931	2.475	ug/l	92

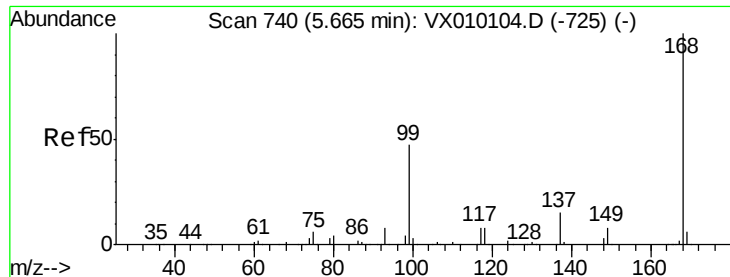
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010304.D

Acq: 14 Jun 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

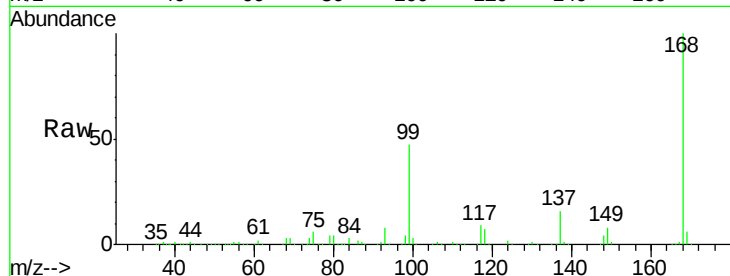
RE104D1-20190607

Tot Ion:168 Resp: 314312

Ion Ratio Lower Upper

168 100

99 46.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

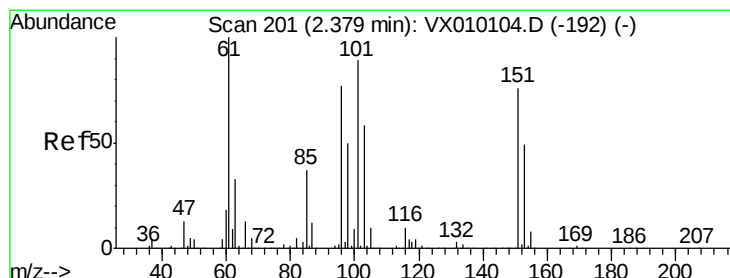
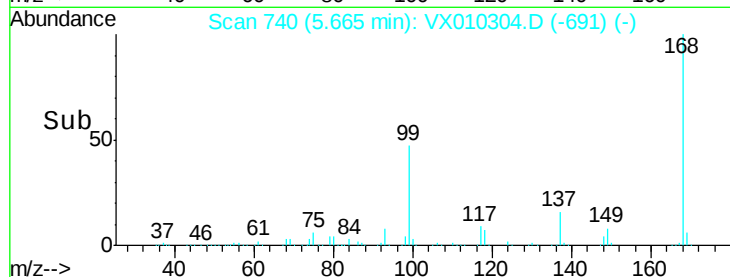
40000

20000

0

Time-->

5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.342 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010304.D

Acq: 14 Jun 2019 16:39

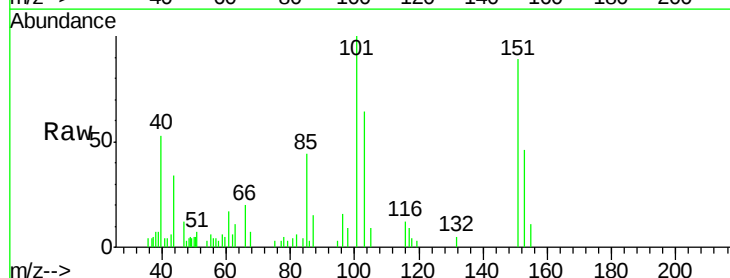
Tgt Ion:101 Resp: 3710

Ion Ratio Lower Upper

101 100

85 48.7 35.2 52.8

151 88.1 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2500

2000

1500

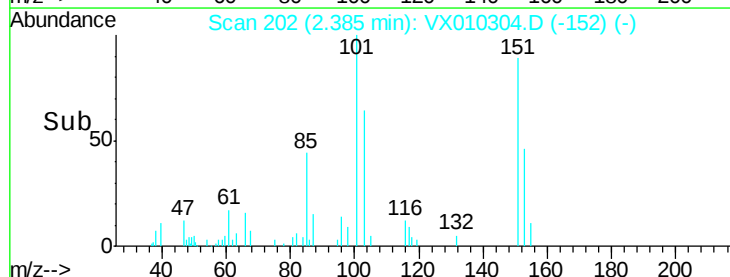
1000

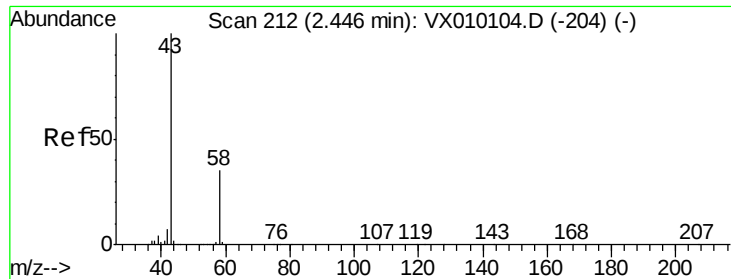
500

0

Time-->

2.30 2.35 2.40 2.45





#16

Acetone

Concen: 2.579 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010304.D

Acq: 14 Jun 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

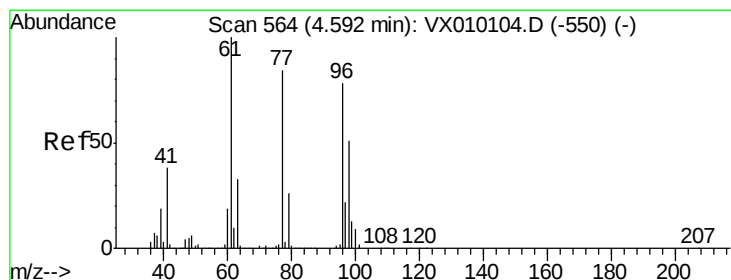
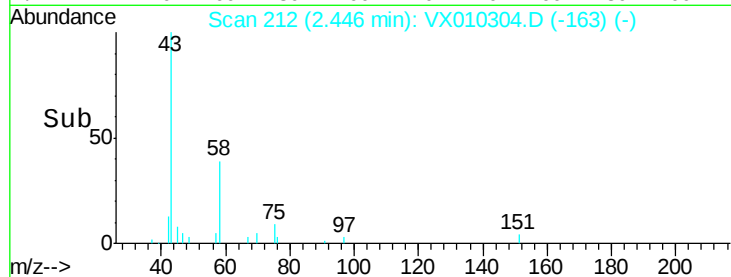
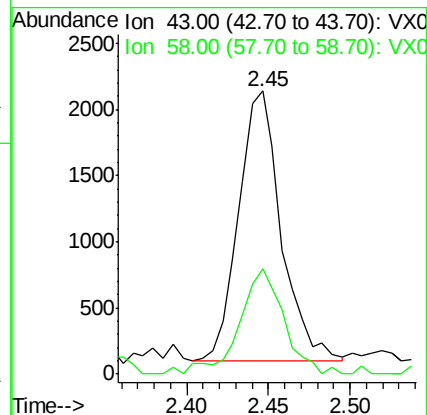
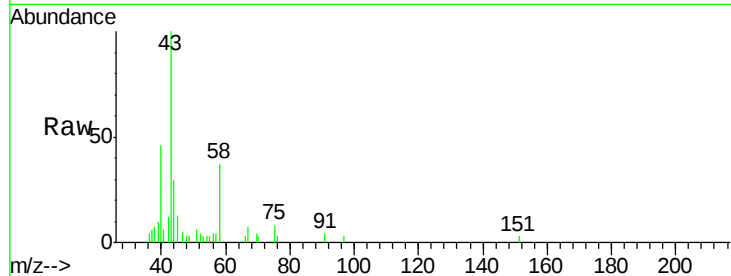
RE104D1-20190607

Tot Ion: 43 Resp: 3721

Ion Ratio Lower Upper

43 100

58 39.0 23.2 34.8#



#27

cis-1,2-Dichloroethene

Concen: 0.593 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX010304.D

Acq: 14 Jun 2019 16:39

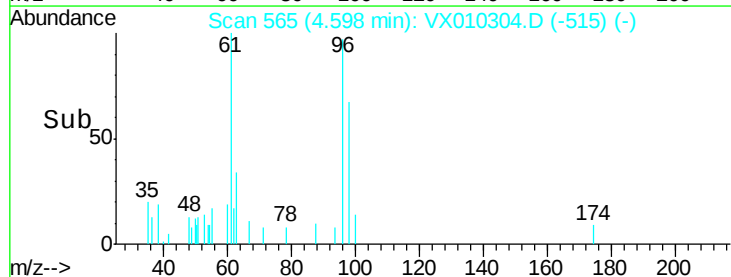
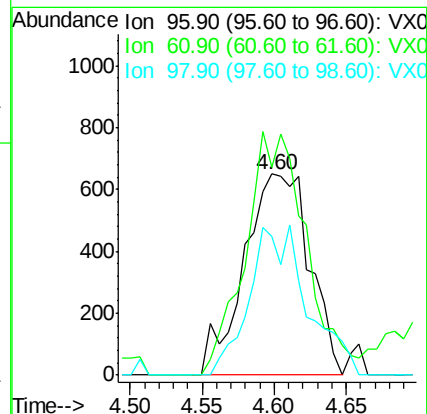
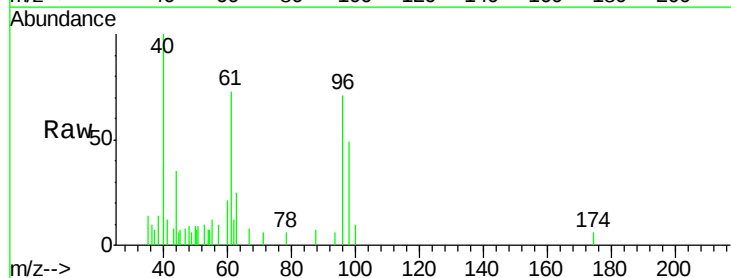
Tgt Ion: 96 Resp: 2060

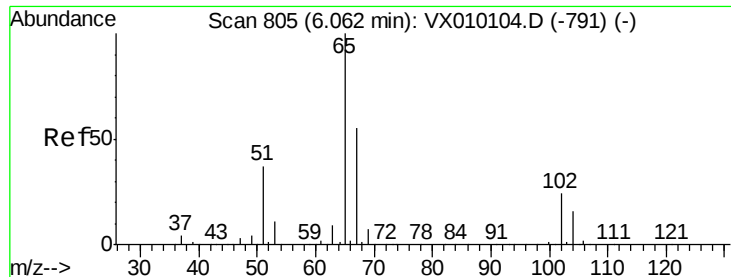
Ion Ratio Lower Upper

96 100

61 111.8 0.0 334.0

98 65.0 0.0 131.6





#33

1,2-Dichloroethane-d4

Concen: 46.187 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010304.D

Acq: 14 Jun 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

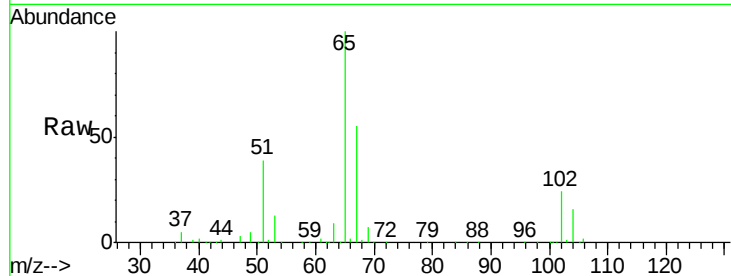
RE104D1-20190607

Tot Ion: 65 Resp: 141703

Ion Ratio Lower Upper

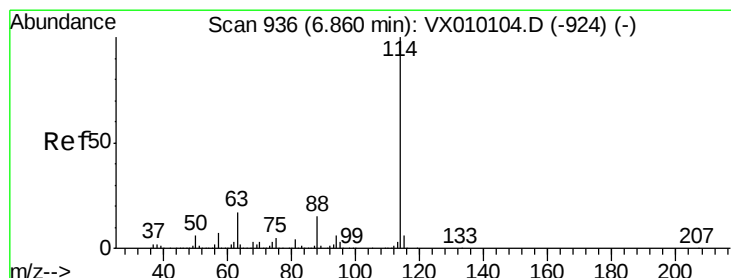
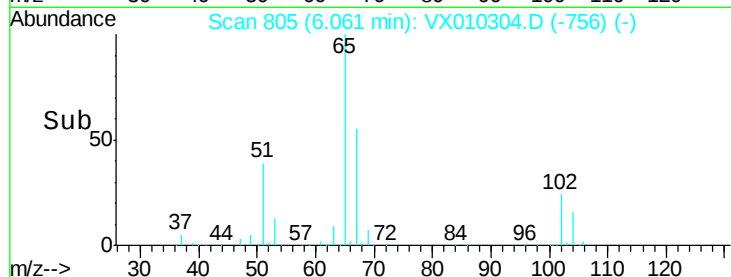
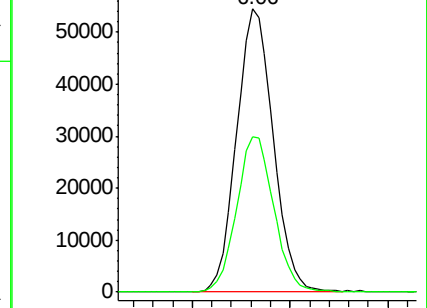
65 100

67 55.7 0.0 108.4



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: VX010304.D

Acq: 14 Jun 2019 16:39

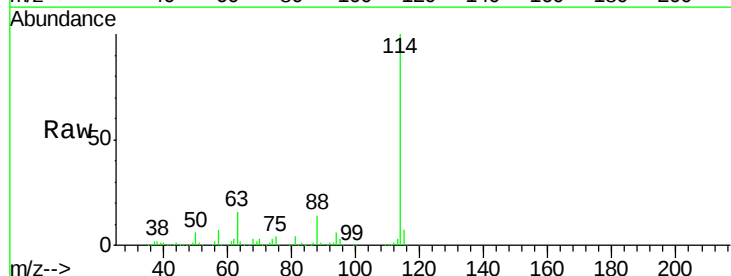
Tgt Ion: 114 Resp: 479843

Ion Ratio Lower Upper

114 100

63 16.4 0.0 47.4

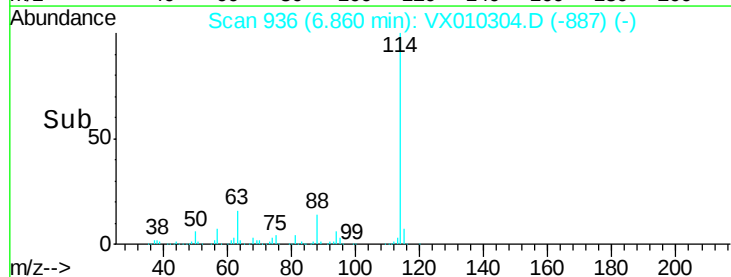
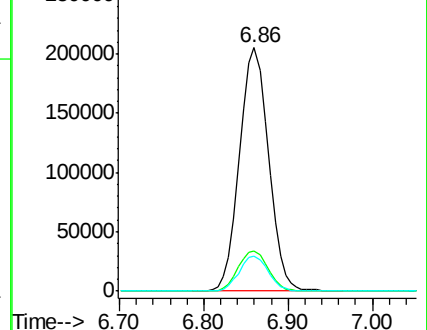
88 14.4 0.0 33.0

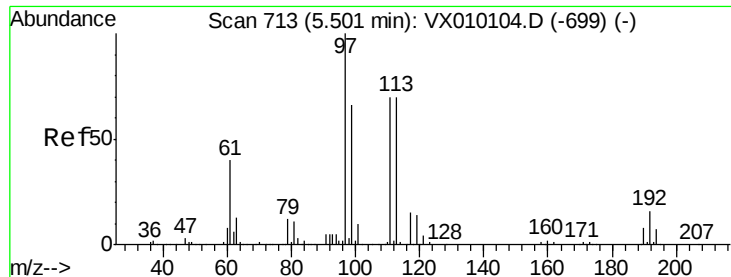


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

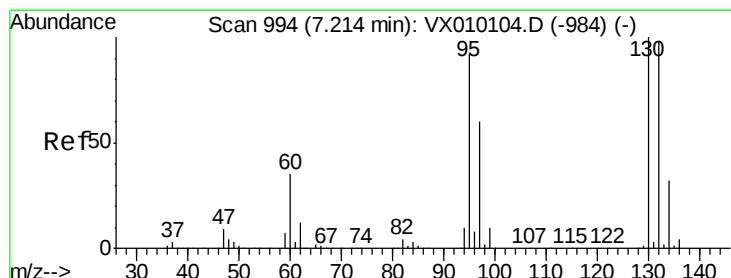
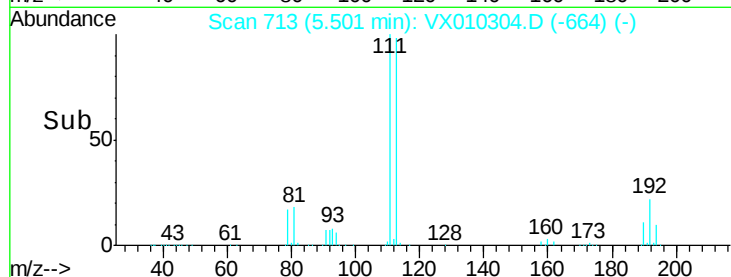
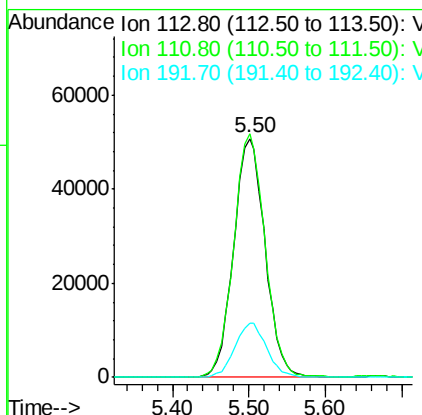
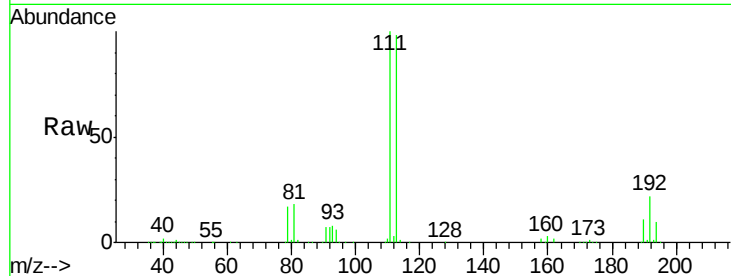




#35
Dibromofluoromethane
Concen: 48.910 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010304.D
Acq: 14 Jun 2019 16:39

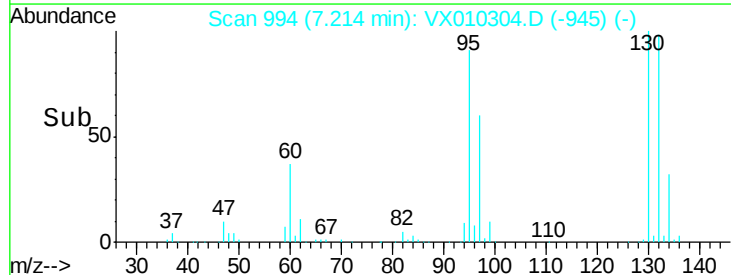
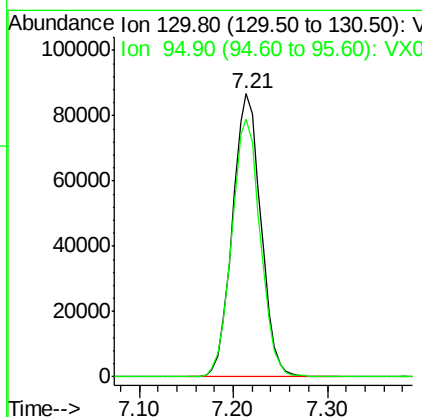
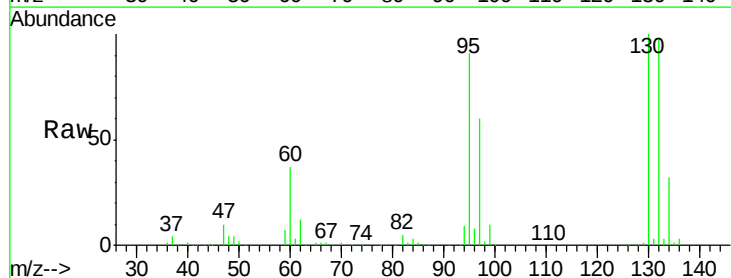
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20190607

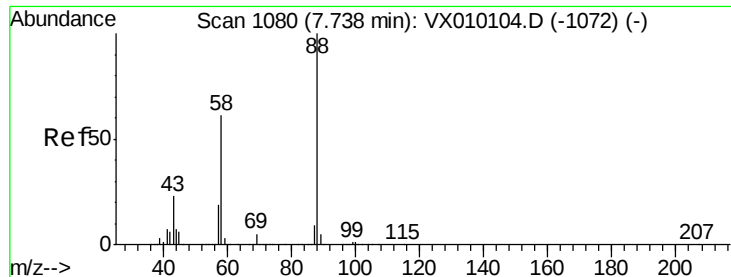
Tot Ion:113 Resp: 144763
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 22.9 17.1 25.7



#44
Trichloroethene
Concen: 49.963 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX010304.D
Acq: 14 Jun 2019 16:39

Tgt Ion:130 Resp: 182309
Ion Ratio Lower Upper
130 100
95 91.2 0.0 207.4





#49

1,4-Dioxane

Concen: 11.904 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX010304.D

Acq: 14 Jun 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20190607

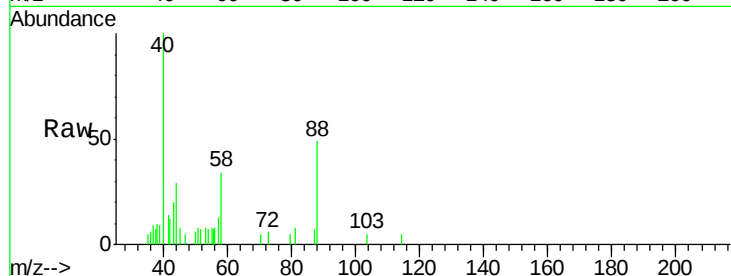
Tot Ion: 88 Resp: 1081

Ion Ratio Lower Upper

88 100

43 76.5 30.2 45.4#

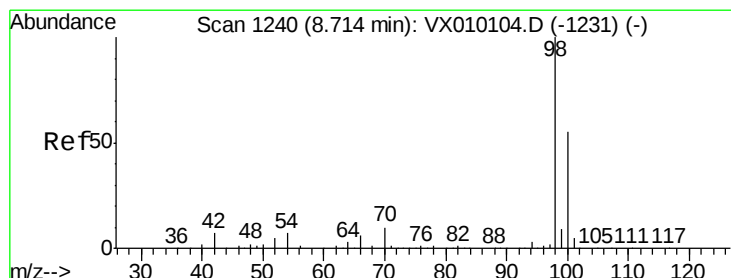
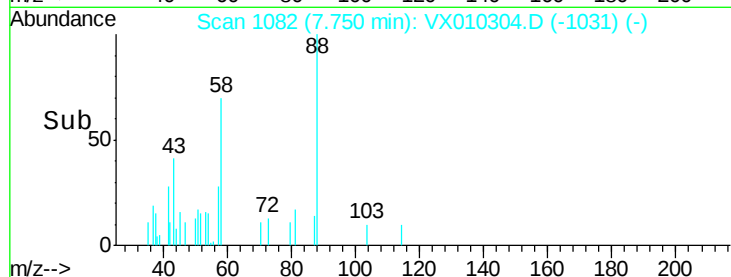
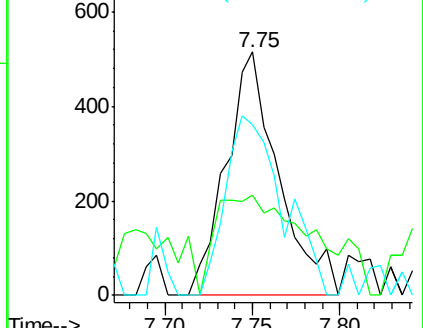
58 80.8 64.0 96.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.753 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010304.D

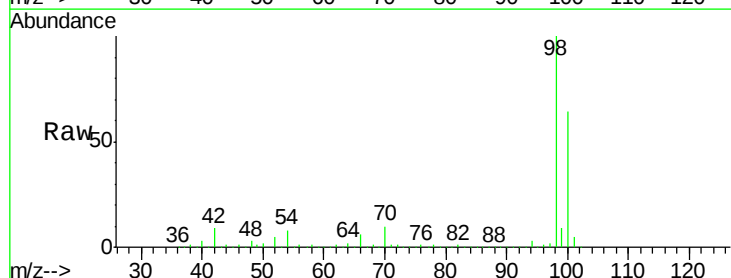
Acq: 14 Jun 2019 16:39

Tgt Ion: 98 Resp: 562992

Ion Ratio Lower Upper

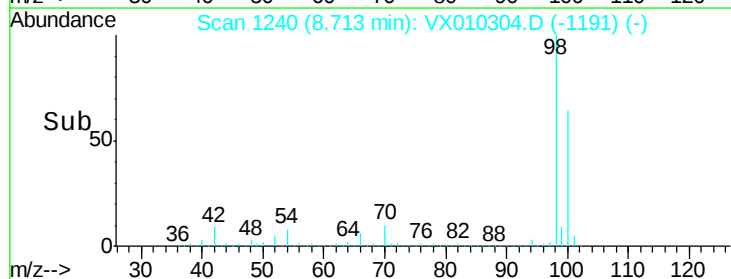
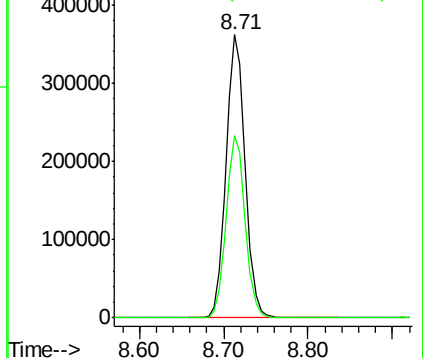
98 100

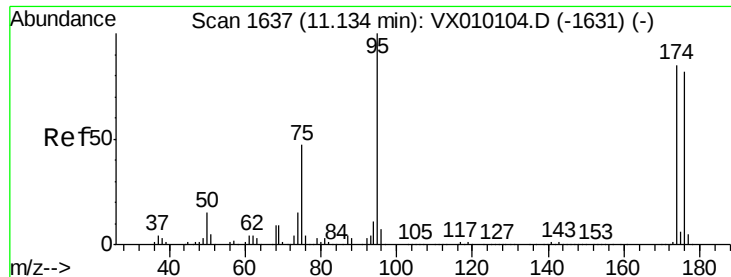
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.932 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010304.D

Acq: 14 Jun 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20190607

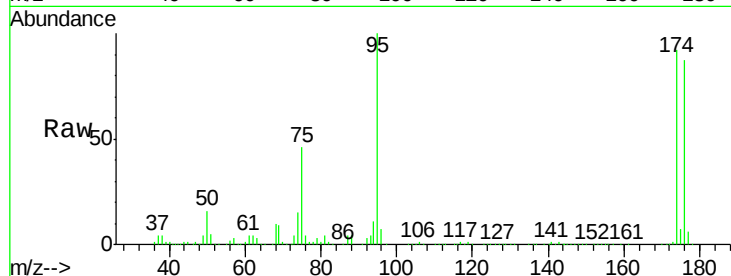
Tot Ion: 95 Resp: 190282

Ion Ratio Lower Upper

95 100

174 95.8 0.0 160.4

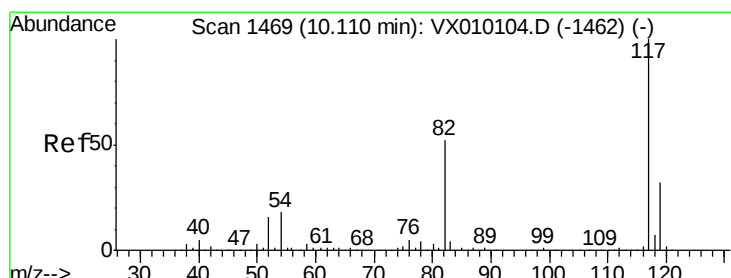
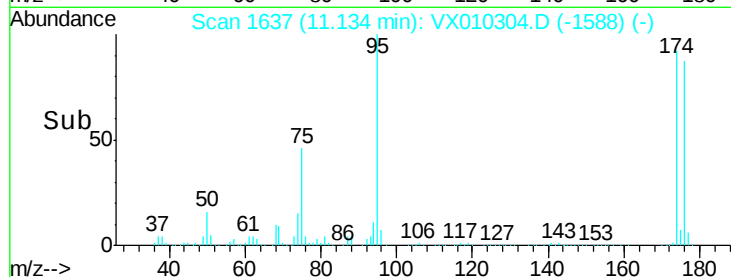
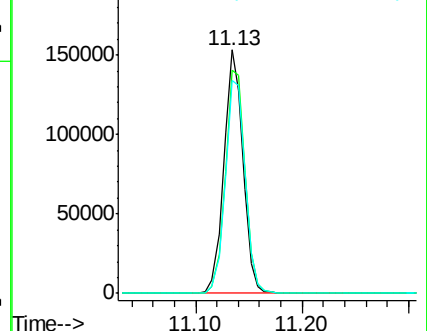
176 91.9 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010304.D

Acq: 14 Jun 2019 16:39

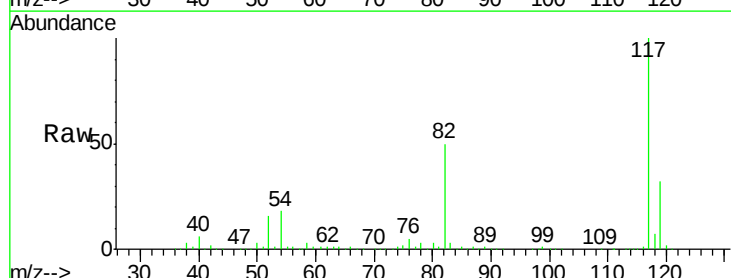
Tgt Ion: 117 Resp: 431511

Ion Ratio Lower Upper

117 100

82 50.3 49.2 73.8

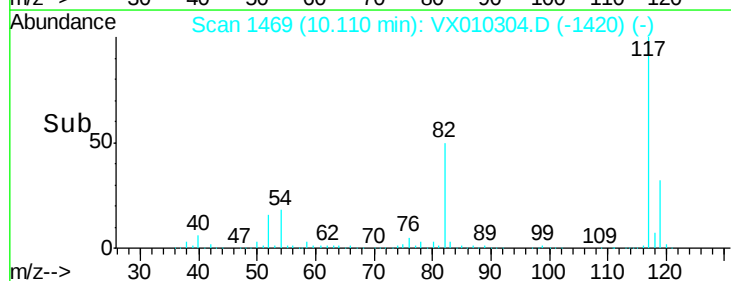
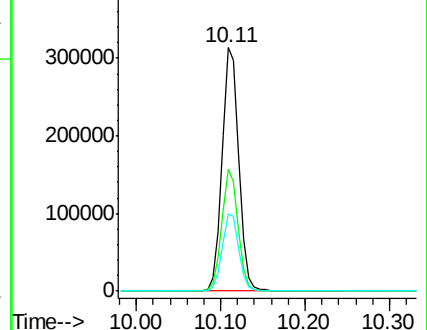
119 31.8 25.2 37.8

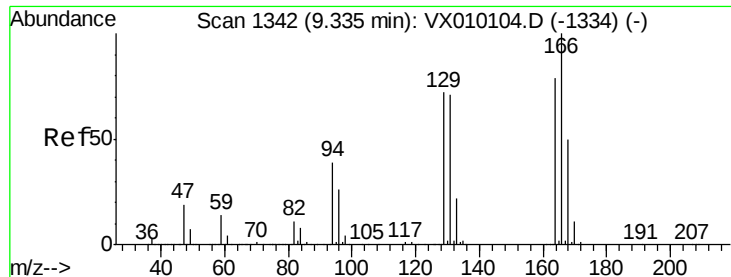


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)





#64

Tetrachloroethene

Concen: 2.475 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010304.D

Acq: 14 Jun 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20190607

Tot Ion:164 Resp: 7931

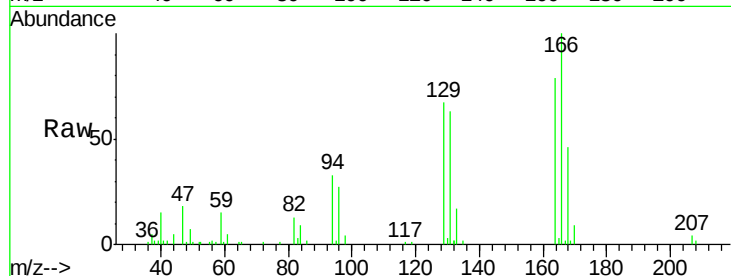
Ion Ratio Lower Upper

164 100

166 125.8 105.0 157.4

129 84.5 75.1 112.7

131 79.7 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->

9.25 9.30 9.35 9.40

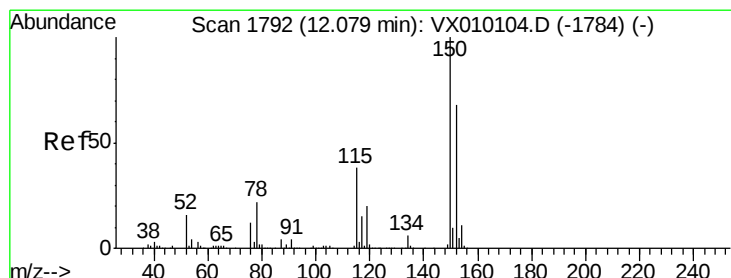
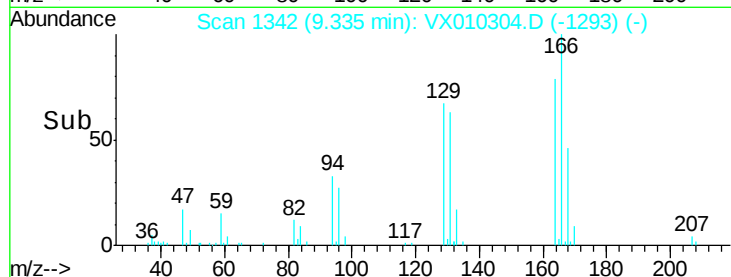
6000

4000

2000

0

9.34



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010304.D

Acq: 14 Jun 2019 16:39

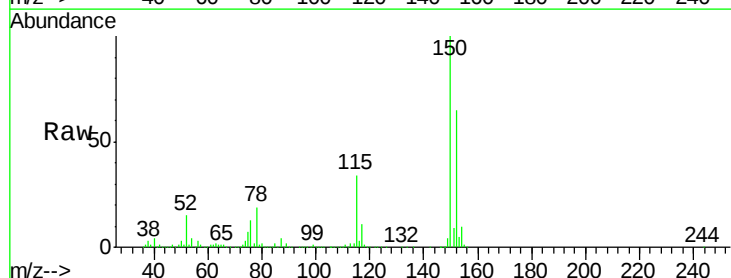
Tgt Ion:152 Resp: 201243

Ion Ratio Lower Upper

152 100

115 53.8 41.4 124.2

150 155.1 0.0 345.2



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

Time-->

12.00 12.10

300000

200000

100000

0

12.08

