

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010420.D
 Acq On : 24 Jun 2019 18:34
 Operator : JC/SP
 Sample : K3155-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B10

Quant Time: Jun 25 04:33:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

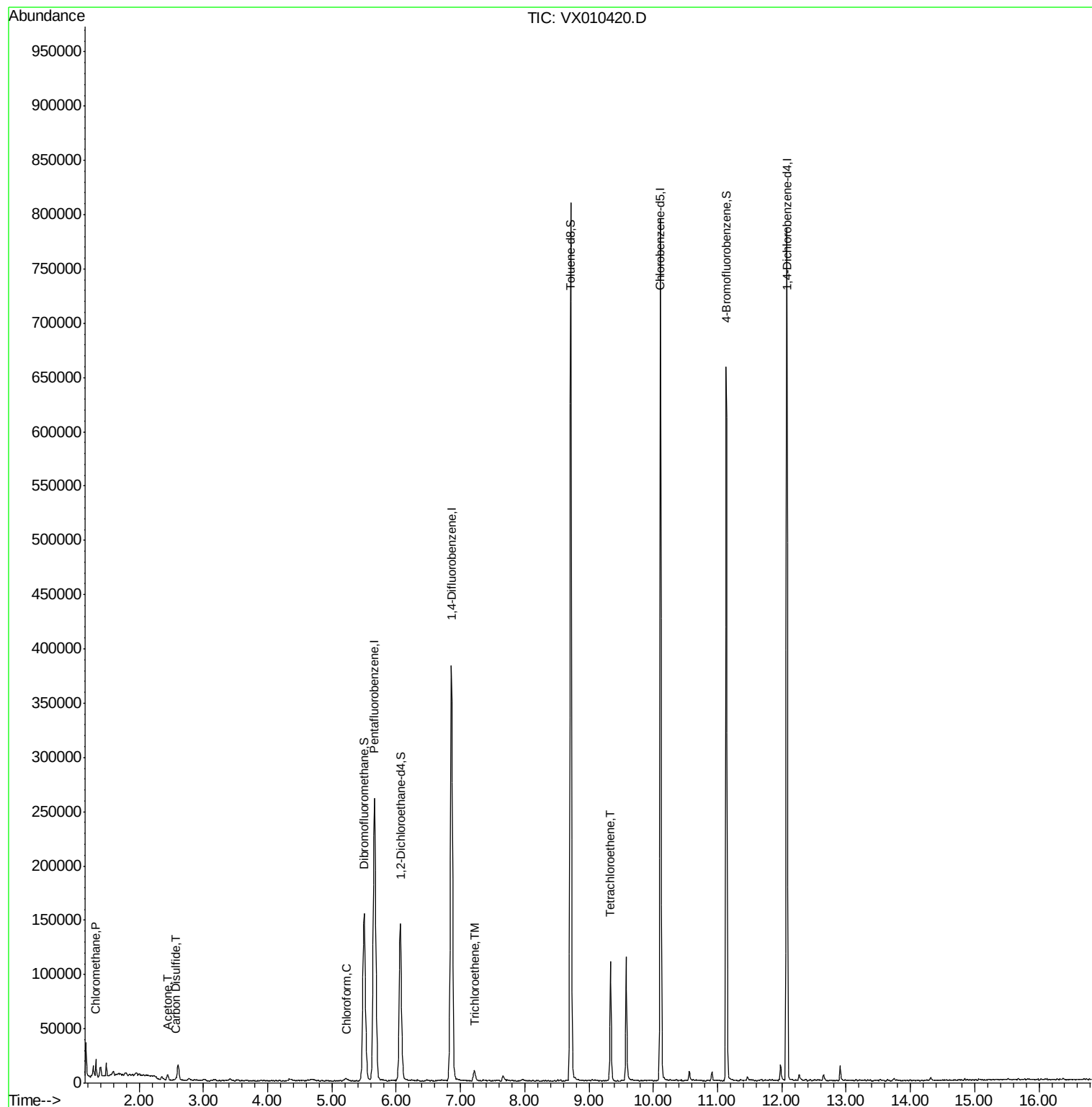
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	427841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	388187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	130779	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
35) Dibromofluoromethane	5.50	113	129844	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	8.71	98	501709	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.13	95	169412	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	11584	5.158	ug/l	98
16) Acetone	2.44	43	5429	4.165	ug/l	99
17) Carbon Disulfide	2.57	76	2179	0.338	ug/l #	87
30) Chloroform	5.22	83	2579	0.581	ug/l	98
44) Trichloroethene	7.21	130	4125	1.301	ug/l	98
64) Tetrachloroethene	9.34	164	22126	7.047	ug/l	94

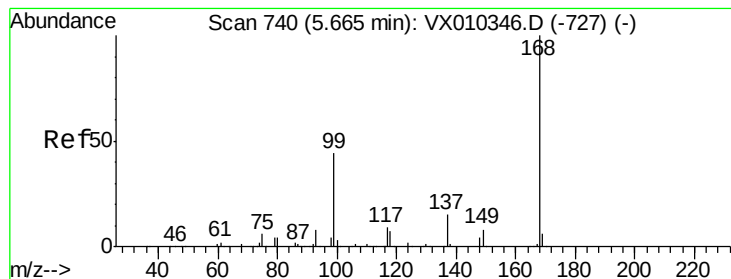
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062419\
Data File : VX010420.D
Acq On : 24 Jun 2019 18:34
Operator : JC/SP
Sample : K3155-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BAT-B10

Quant Time: Jun 25 04:33:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
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: VX010420.D

Acq: 24 Jun 2019 18:34

Instrument :

MSVOA_X

ClientSampled :

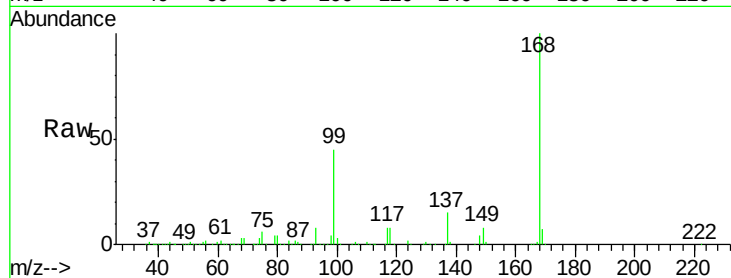
BAT-B10

Tot Ion:168 Resp: 277405

Ion Ratio Lower Upper

168 100

99 45.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

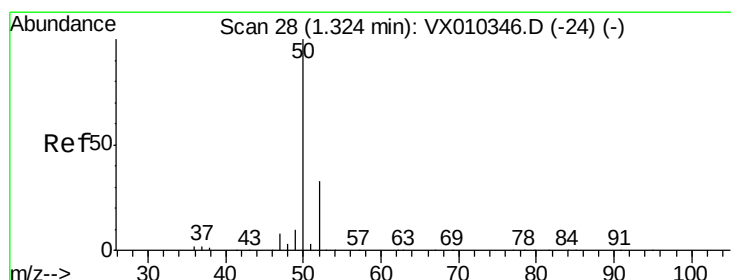
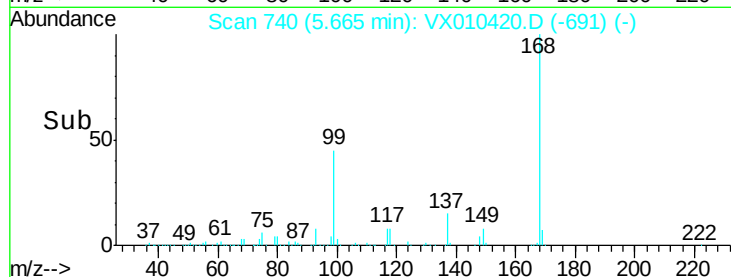
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 5.158 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010420.D

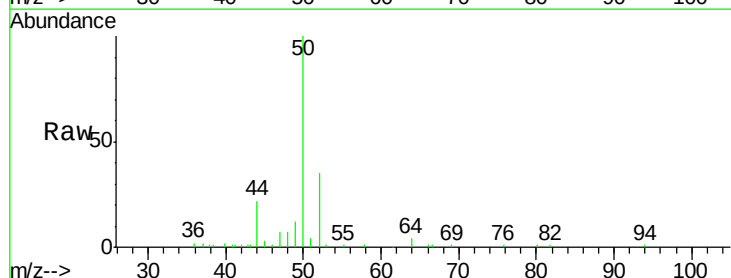
Acq: 24 Jun 2019 18:34

Tgt Ion: 50 Resp: 11584

Ion Ratio Lower Upper

50 100

52 34.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

12000

10000

8000

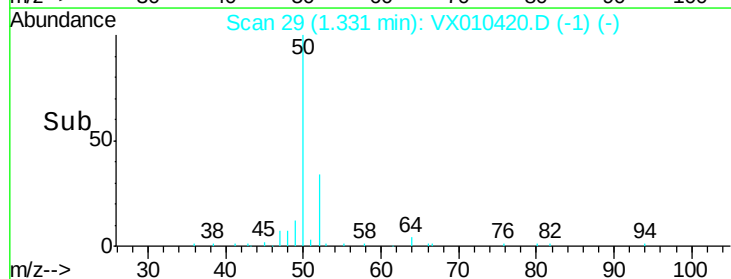
6000

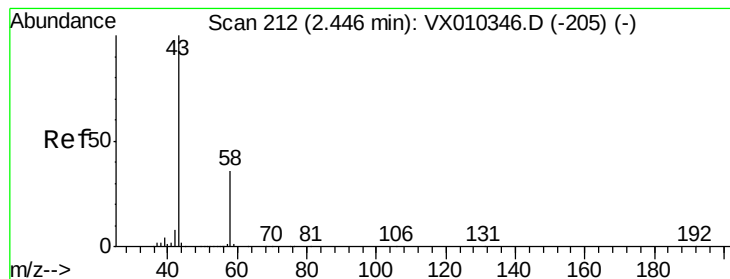
4000

2000

0

Time-->





#16

Acetone

Concen: 4.165 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010420.D

Acq: 24 Jun 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

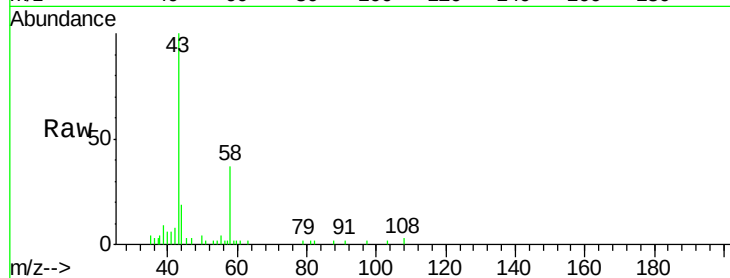
BAT-B10

Tot Ion: 43 Resp: 5429

Ion Ratio Lower Upper

43 100

58 36.5 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

3000

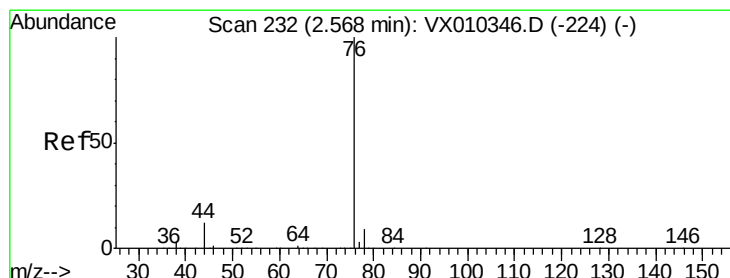
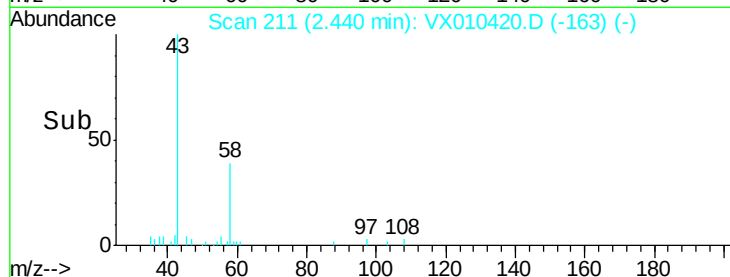
2000

1000

0

Time-->

2.35 2.40 2.45 2.50



#17

Carbon Disulfide

Concen: 0.338 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010420.D

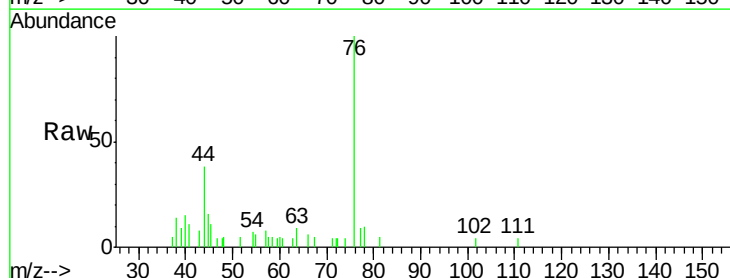
Acq: 24 Jun 2019 18:34

Tgt Ion: 76 Resp: 2179

Ion Ratio Lower Upper

76 100

78 4.5 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

1500

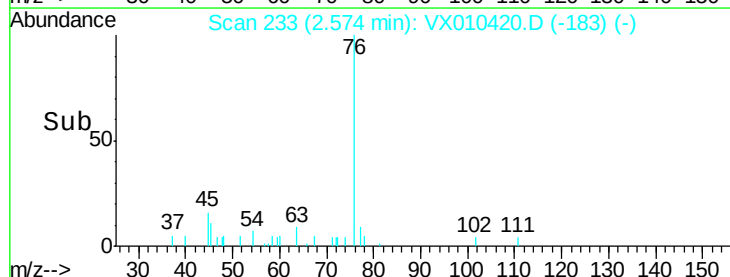
1000

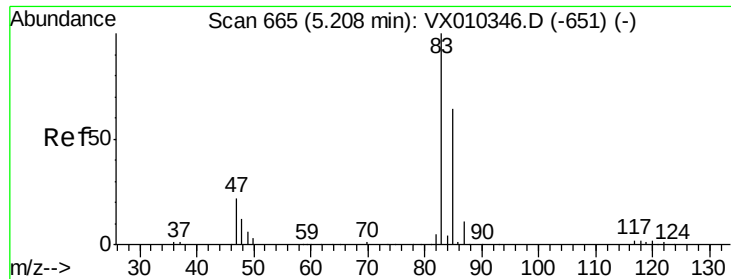
500

0

Time-->

2.50 2.55 2.60





#30

Chloroform

Concen: 0.581 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX010420.D

Acq: 24 Jun 2019 18:34

Instrument :

MSVOA_X

ClientSampled :

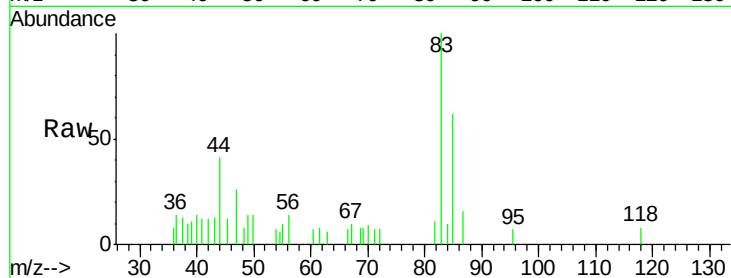
BAT-B10

Tot Ion: 83 Resp: 2579

Ion Ratio Lower Upper

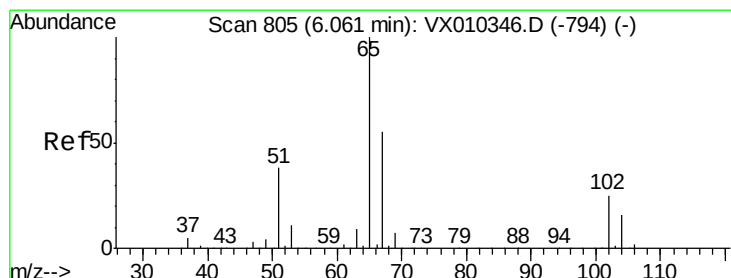
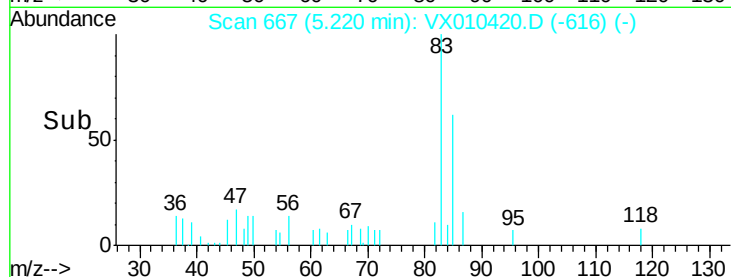
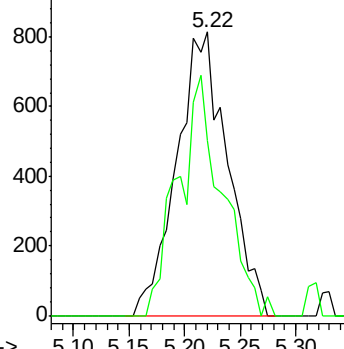
83 100

85 61.7 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.281 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010420.D

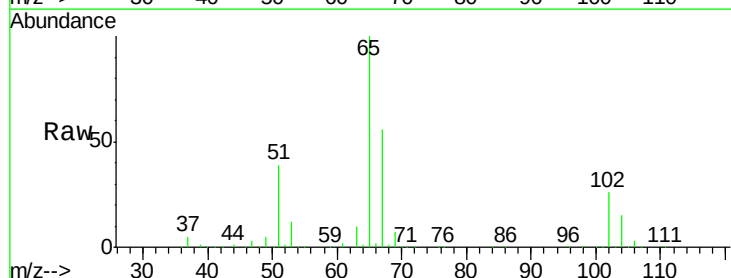
Acq: 24 Jun 2019 18:34

Tgt Ion: 65 Resp: 130779

Ion Ratio Lower Upper

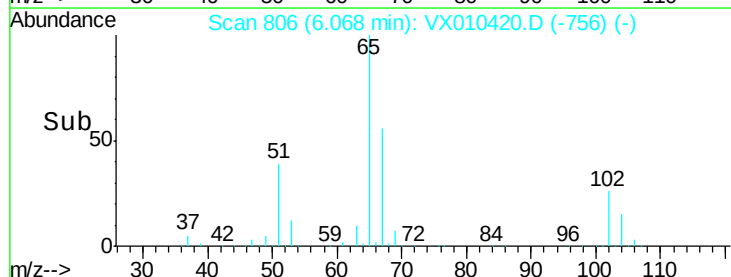
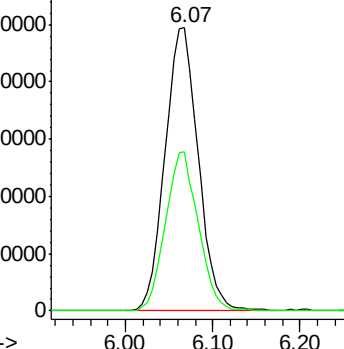
65 100

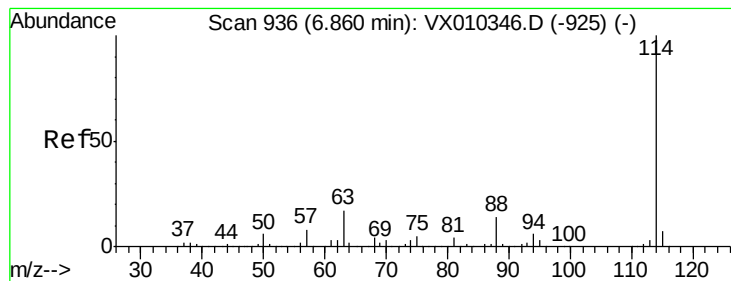
67 55.7 0.0 110.2



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: VX010420.D

Acq: 24 Jun 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

BAT-B10

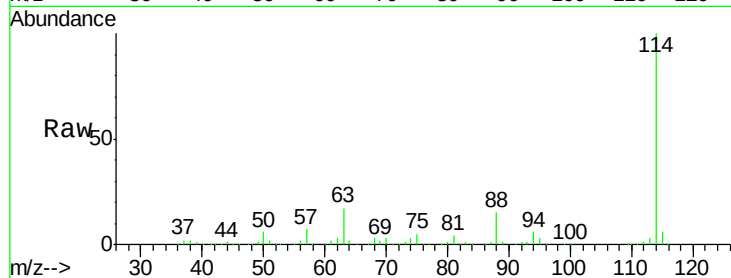
Tot Ion:114 Resp: 427841

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

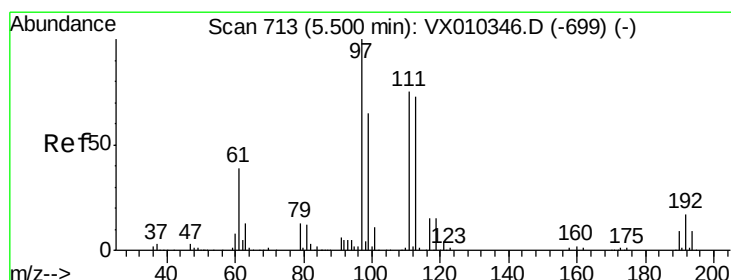
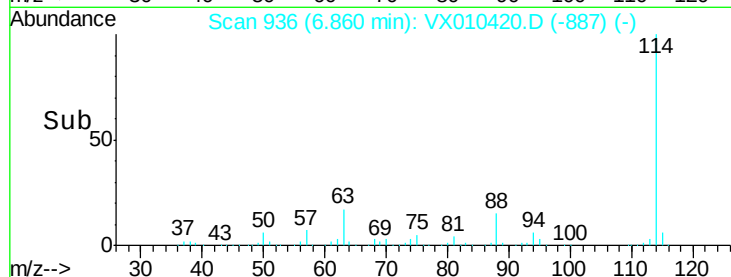
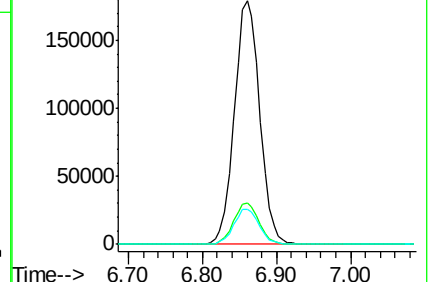
88 14.5 0.0 27.6



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: 49.603 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010420.D

Acq: 24 Jun 2019 18:34

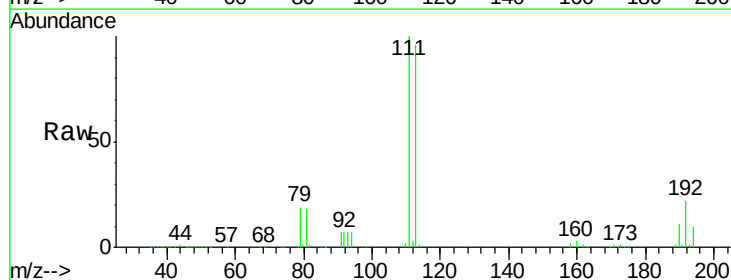
Tgt Ion:113 Resp: 129844

Ion Ratio Lower Upper

113 100

111 103.2 81.2 121.8

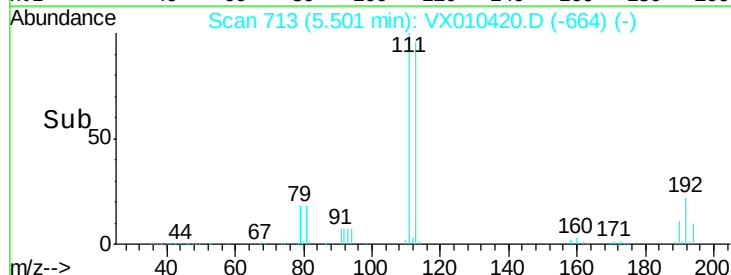
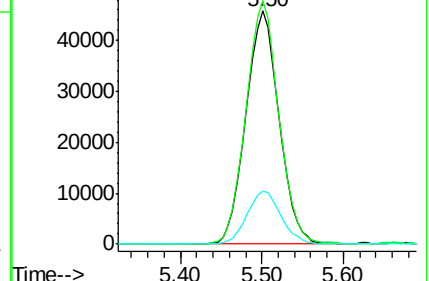
192 23.1 18.6 27.8

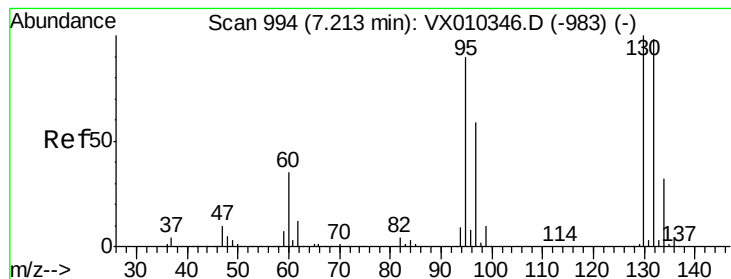


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.301 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010420.D

Acq: 24 Jun 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

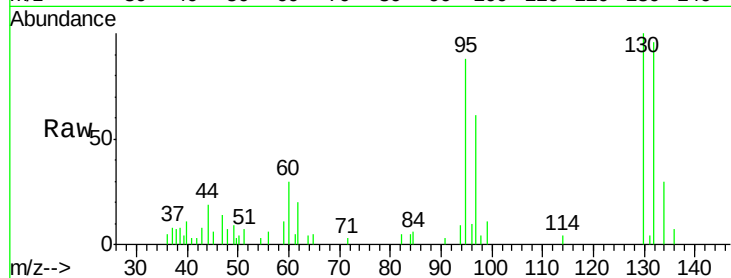
BAT-B10

Tot Ion:130 Resp: 4125

Ion Ratio Lower Upper

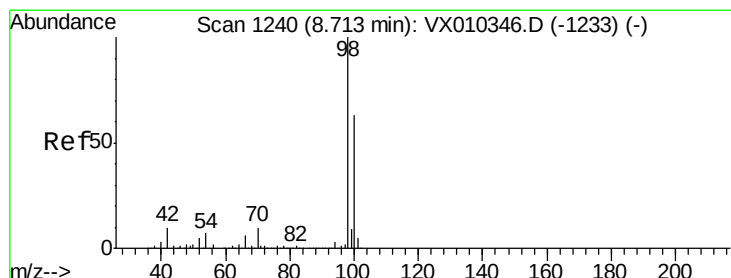
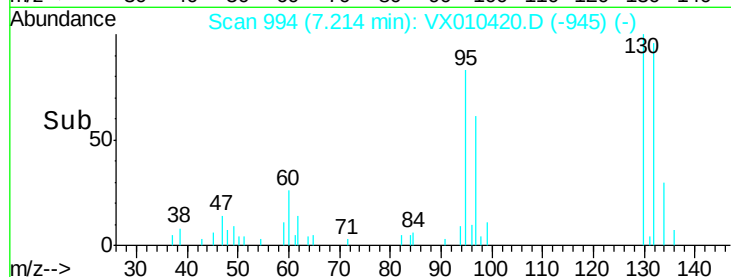
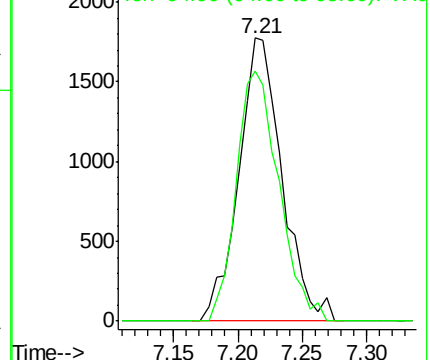
130 100

95 88.2 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.097 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010420.D

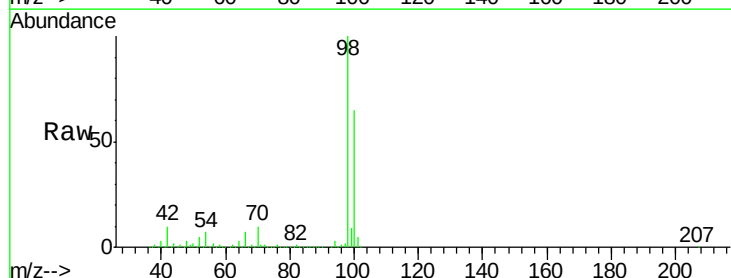
Acq: 24 Jun 2019 18:34

Tgt Ion: 98 Resp: 501709

Ion Ratio Lower Upper

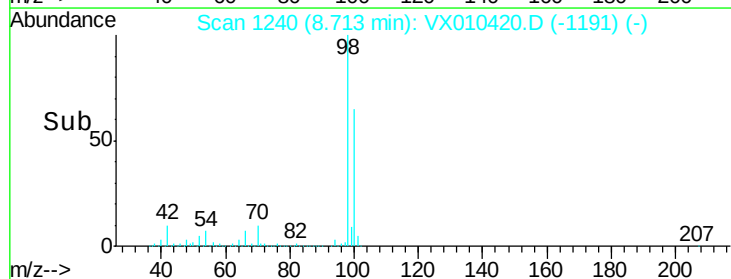
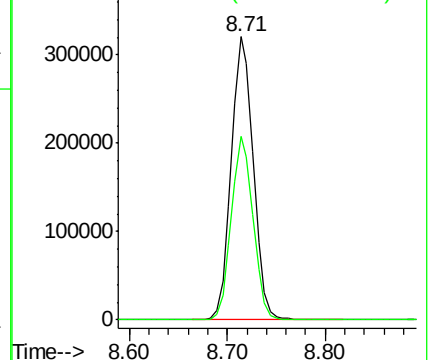
98 100

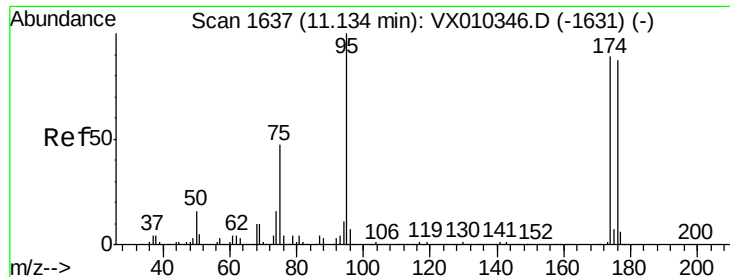
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

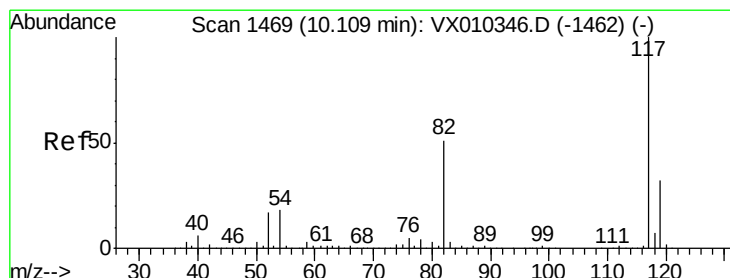
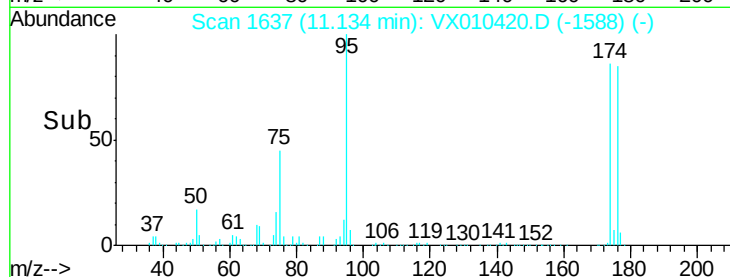
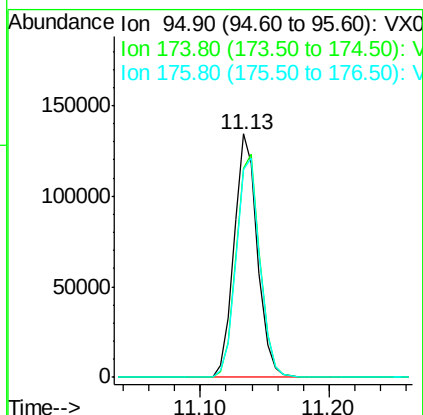
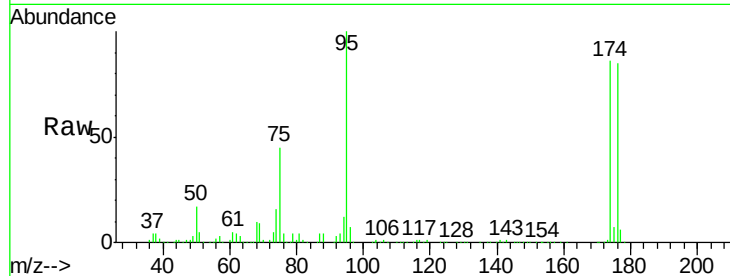




#62
4-Bromofluorobenzene
Concen: 46.856 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010420.D
Acq: 24 Jun 2019 18:34

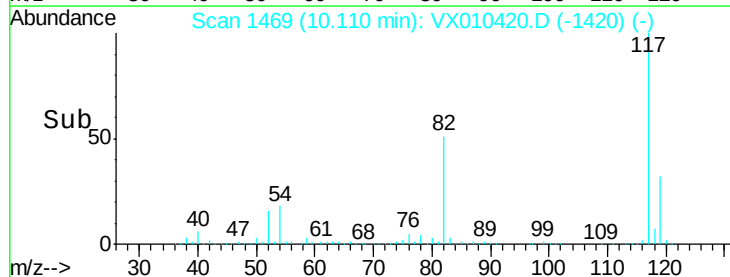
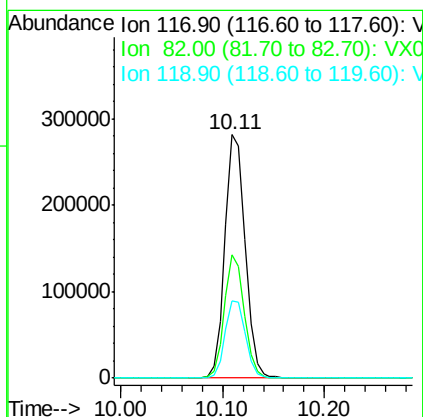
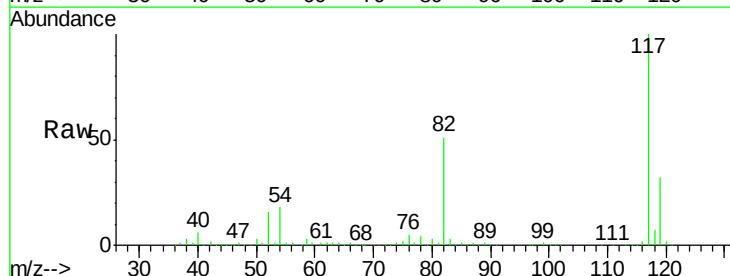
Instrument :
MSVOA_X
ClientSampleId :
BAT-B10

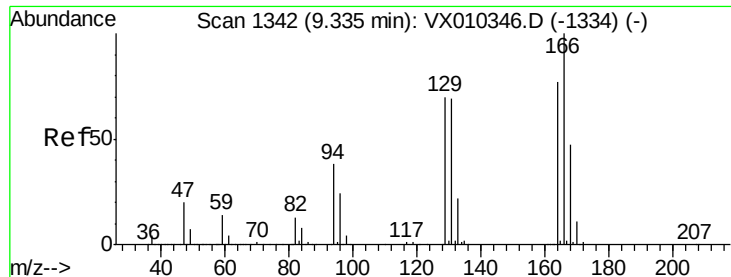
Tot Ion: 95 Resp: 169412
Ion Ratio Lower Upper
95 100
174 93.3 0.0 187.6
176 91.9 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010420.D
Acq: 24 Jun 2019 18:34

Tgt Ion: 117 Resp: 388187
Ion Ratio Lower Upper
117 100
82 50.9 41.2 61.8
119 31.6 25.5 38.3





#64

Tetrachloroethene

Concen: 7.047 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010420.D

Acq: 24 Jun 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

BAT-B10

Tot Ion:164 Resp: 22126

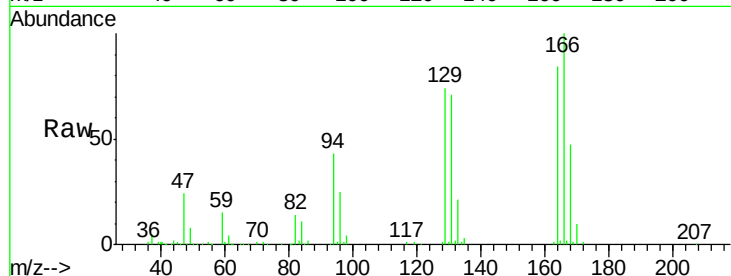
Ion Ratio Lower Upper

164 100

166 119.1 103.6 155.4

129 88.5 73.0 109.4

131 84.1 71.0 106.4

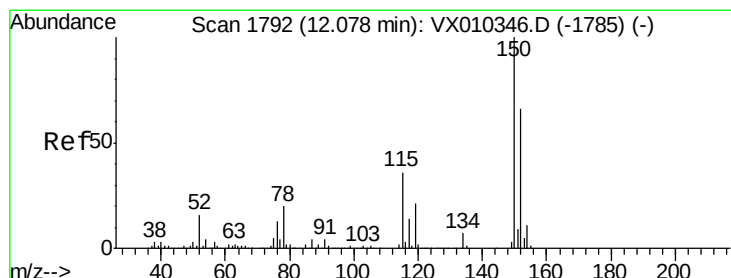
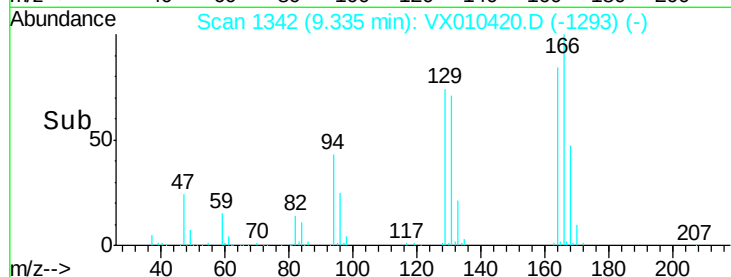
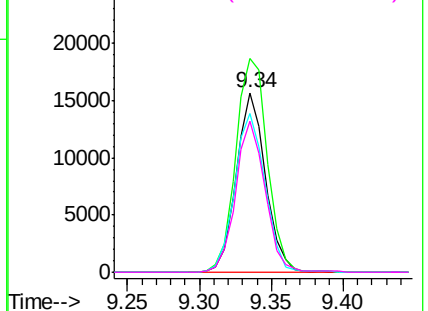


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010420.D

Acq: 24 Jun 2019 18:34

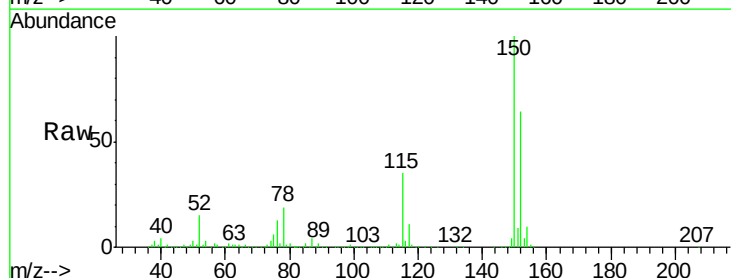
Tgt Ion:152 Resp: 180237

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

150 156.3 0.0 347.4



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

