

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007109.D
 Acq On : 18 Jan 2019 01:09
 Operator : JC/SP
 Sample : K1156-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-7

Quant Time: Jan 18 07:15:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

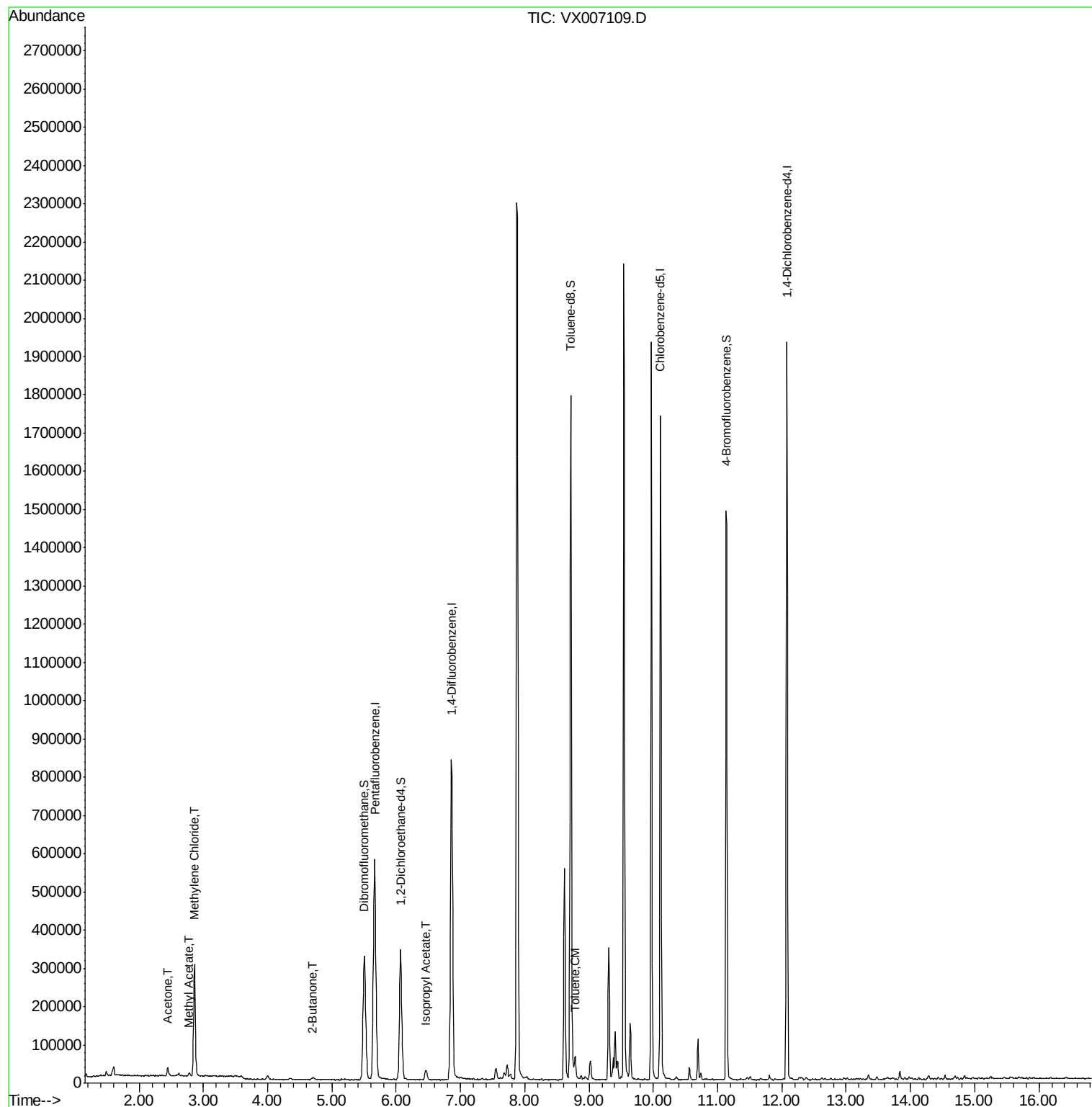
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	584230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	897532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	856709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	413828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	309447	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
35) Dibromofluoromethane	5.51	113	275825	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	1090043	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.13	95	388410	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
Target Compounds						
16) Acetone	2.45	43	24118	7.990	ug/l	97
18) Methyl Acetate	2.78	43	11516	1.317	ug/l	92
20) Methylene Chloride	2.86	84	138010	23.742	ug/l	98
25) 2-Butanone	4.70	43	11438	2.648	ug/l	98
43) Isopropyl Acetate	6.46	43	32737	2.481	ug/l	99
52) Toluene	8.79	92	17900	1.170	ug/l	98

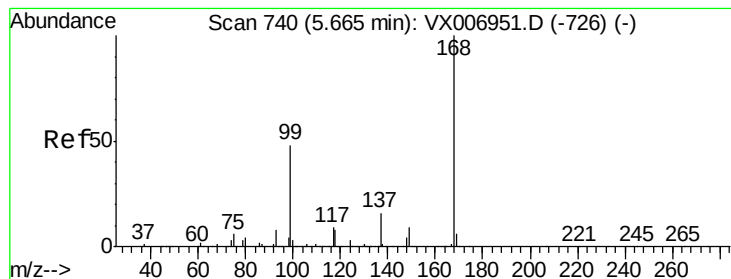
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007109.D

Acq: 18 Jan 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

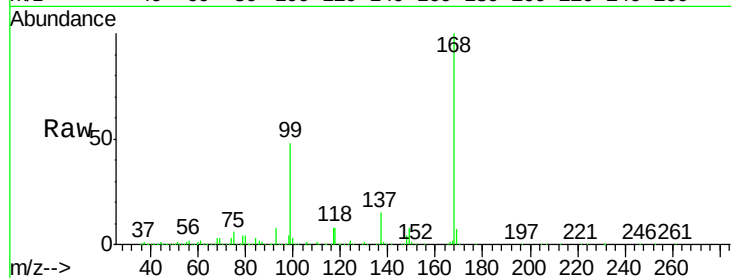
COMP-7

Tot Ion:168 Resp: 584230

Ion Ratio Lower Upper

168 100

99 47.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

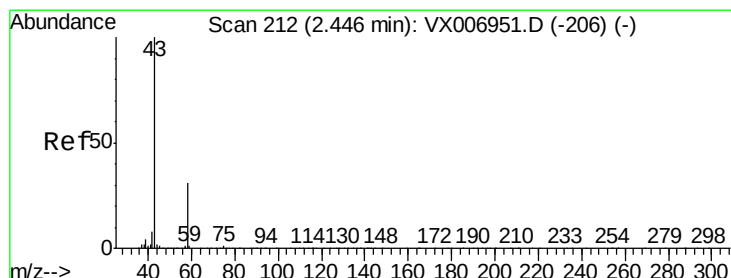
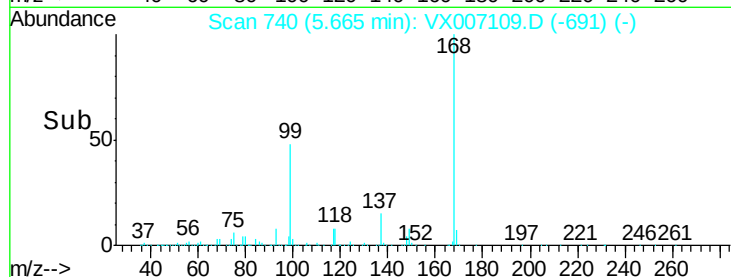
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 7.990 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007109.D

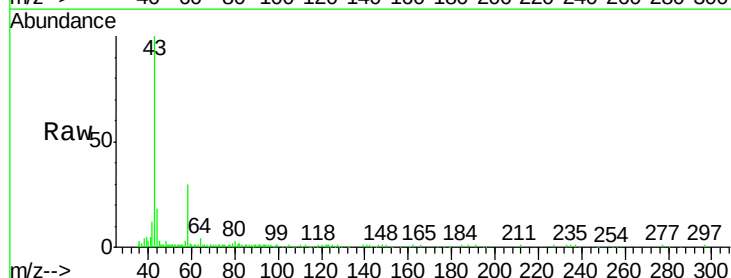
Acq: 18 Jan 2019 01:09

Tgt Ion: 43 Resp: 24118

Ion Ratio Lower Upper

43 100

58 29.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

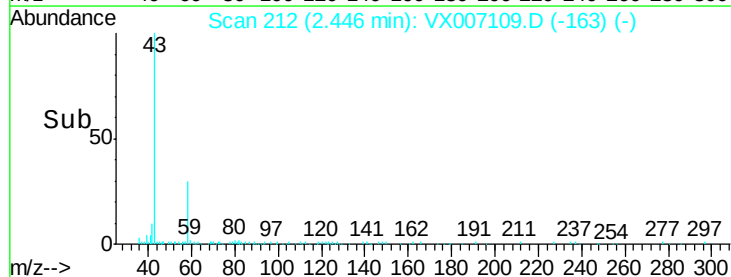
10000

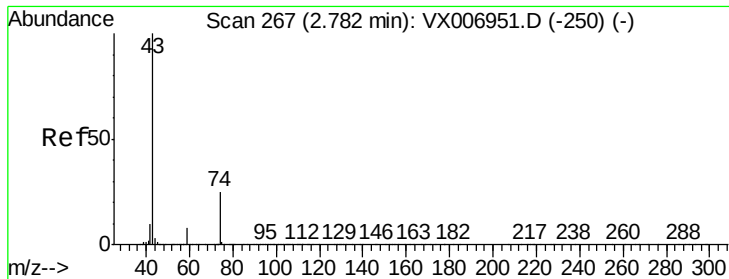
5000

0

Time-->

2.35 2.40 2.45 2.50

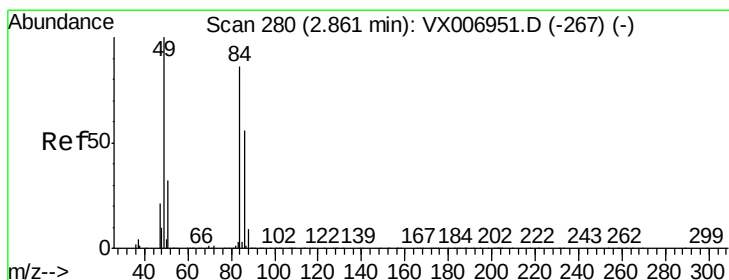
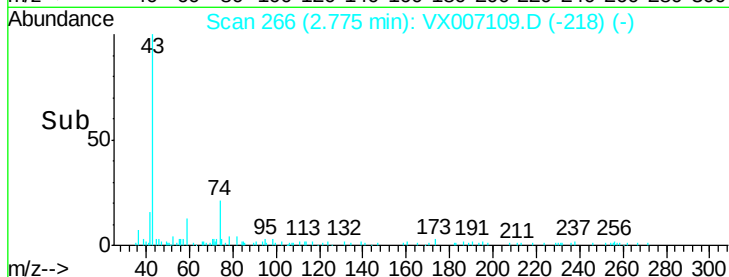
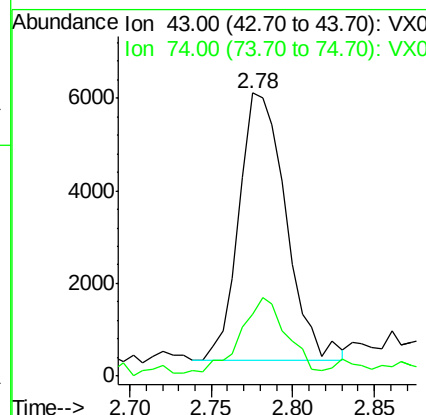
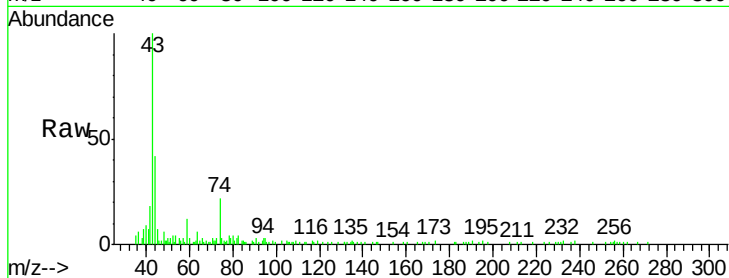




#18
Methyl Acetate
Concen: 1.317 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007109.D
Acq: 18 Jan 2019 01:09

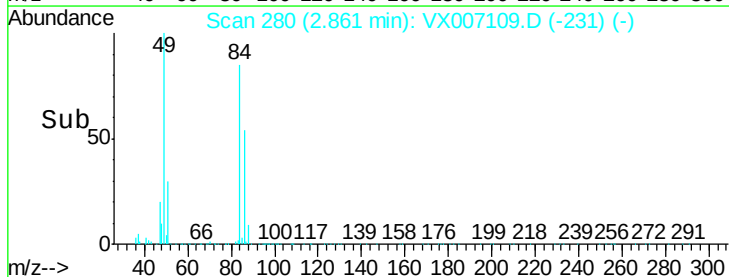
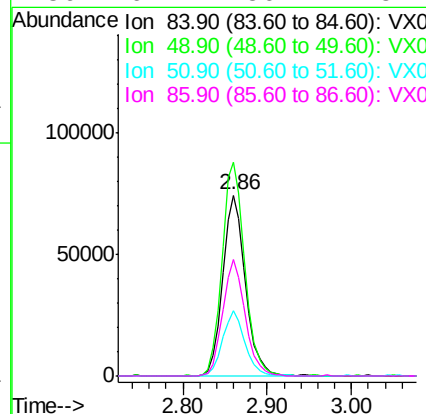
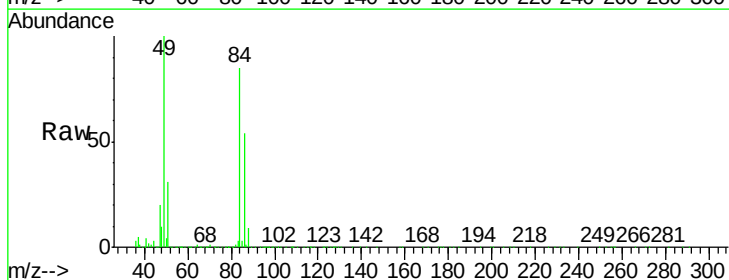
Instrument :
MSVOA_X
ClientSampleId :
COMP-7

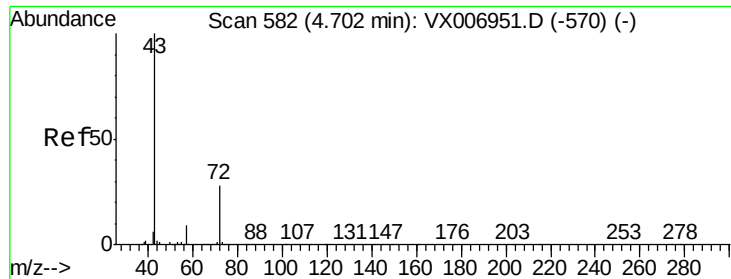
Tot Ion: 43 Resp: 11516
Ion Ratio Lower Upper
43 100
74 27.0 18.6 28.0



#20
Methylene Chloride
Concen: 23.742 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007109.D
Acq: 18 Jan 2019 01:09

Tgt Ion: 84 Resp: 138010
Ion Ratio Lower Upper
84 100
49 118.0 91.8 137.6
51 36.1 28.5 42.7
86 64.1 50.2 75.2





#25

2-Butanone

Concen: 2.648 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007109.D

Acq: 18 Jan 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

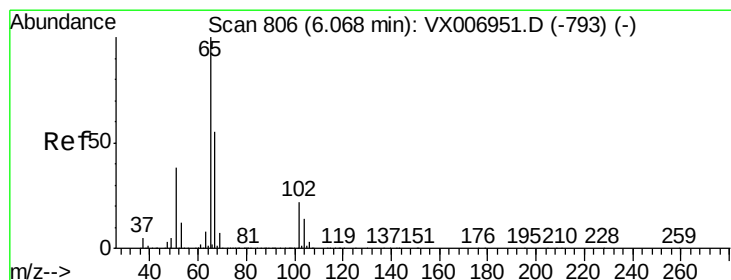
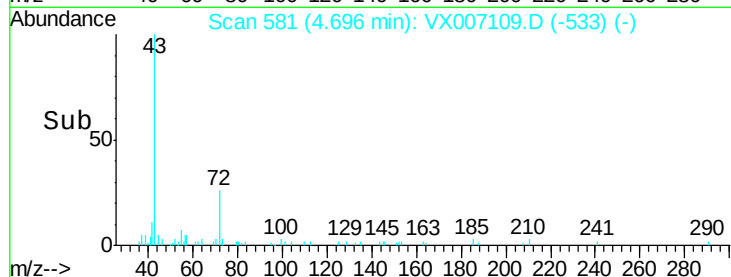
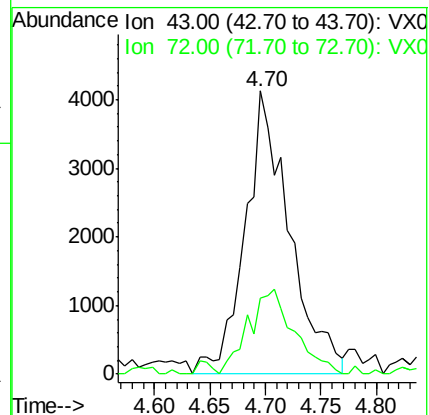
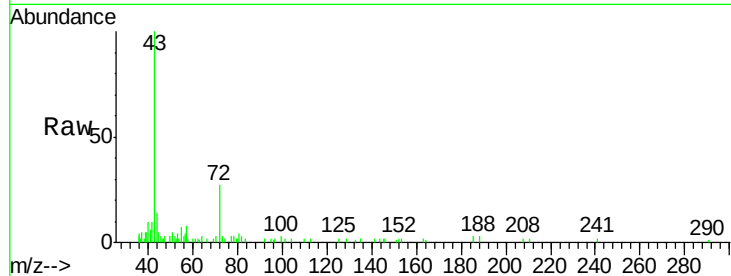
COMP-7

Tot Ion: 43 Resp: 11438

Ion Ratio Lower Upper

43 100

72 26.9 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 50.682 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007109.D

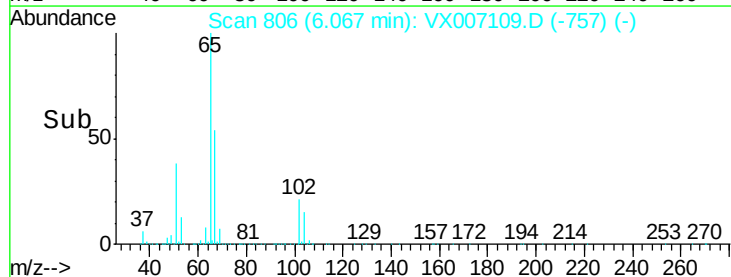
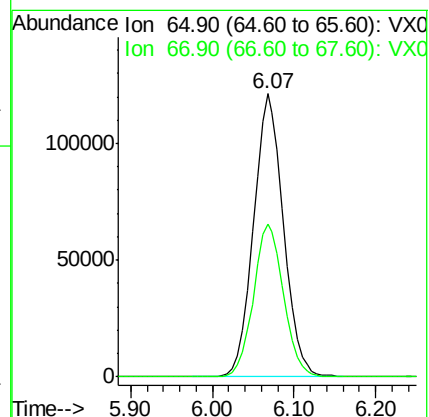
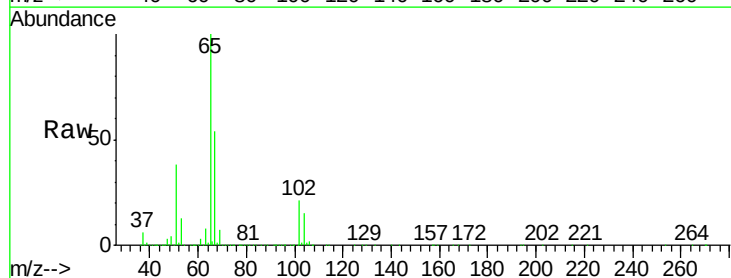
Acq: 18 Jan 2019 01:09

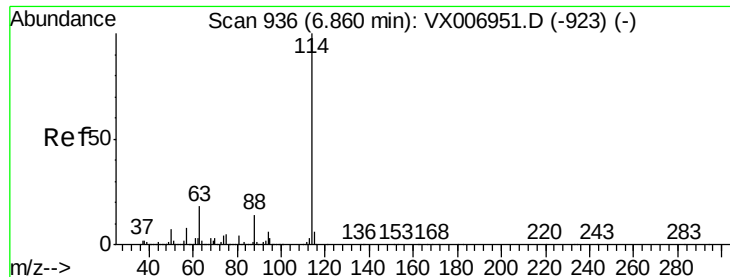
Tgt Ion: 65 Resp: 309447

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007109.D

Acq: 18 Jan 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

COMP-7

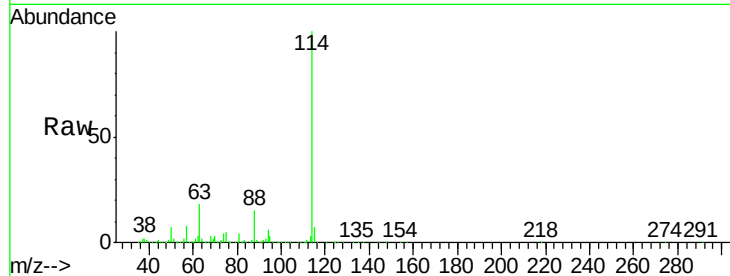
Tot Ion:114 Resp: 897532

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

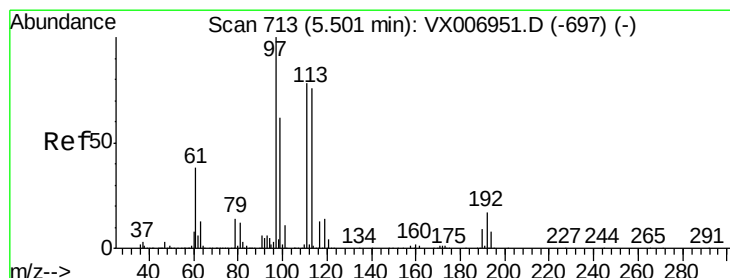
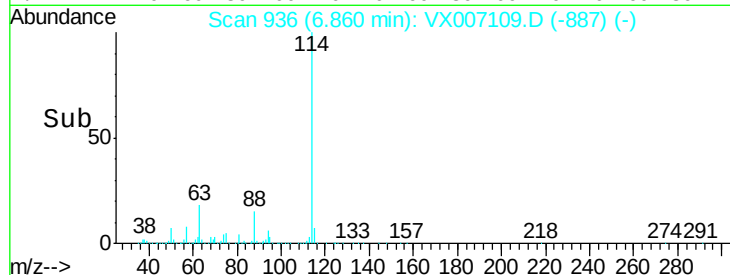
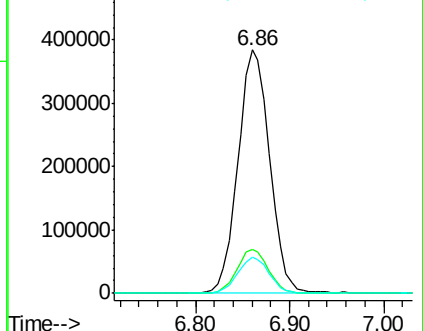
88 14.8 0.0 28.8



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: 47.988 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007109.D

Acq: 18 Jan 2019 01:09

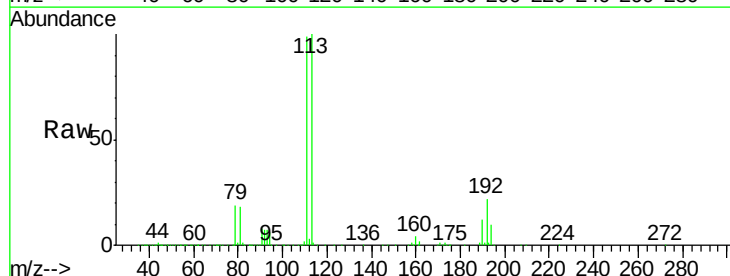
Tgt Ion:113 Resp: 275825

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

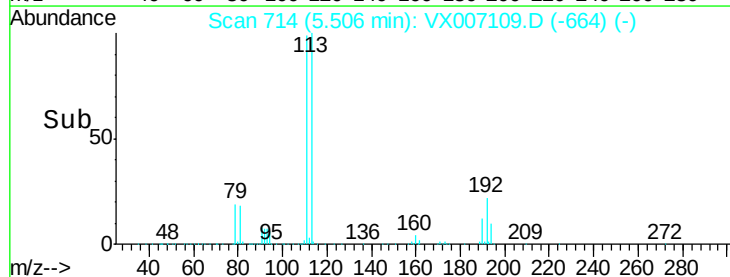
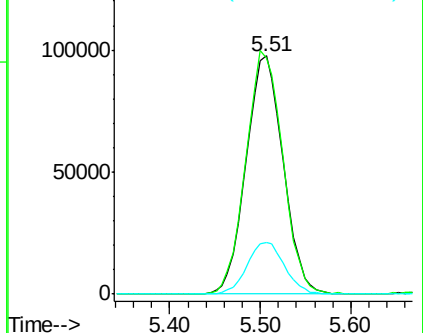
192 22.1 16.7 25.1

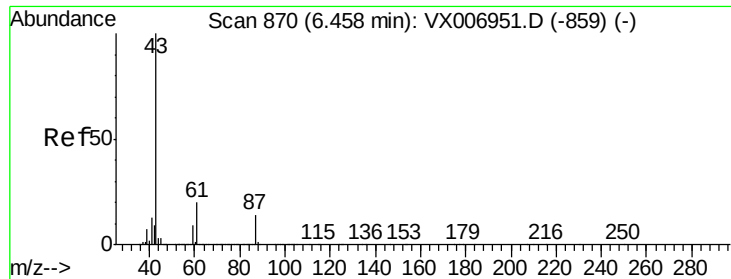


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.481 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007109.D

Acq: 18 Jan 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

COMP-7

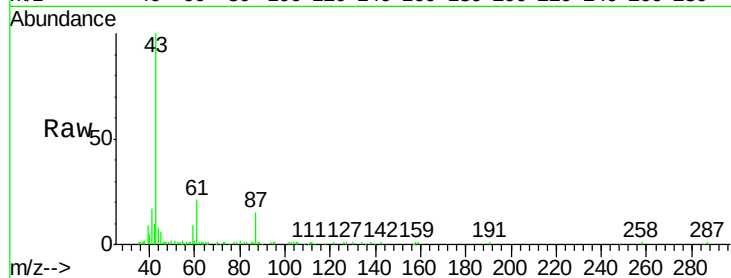
Tot Ion: 43 Resp: 32737

Ion Ratio Lower Upper

43 100

61 21.4 16.8 25.2

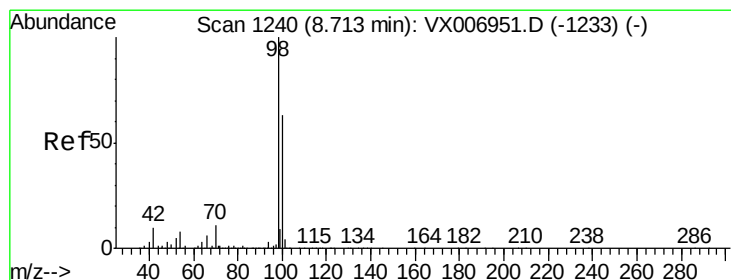
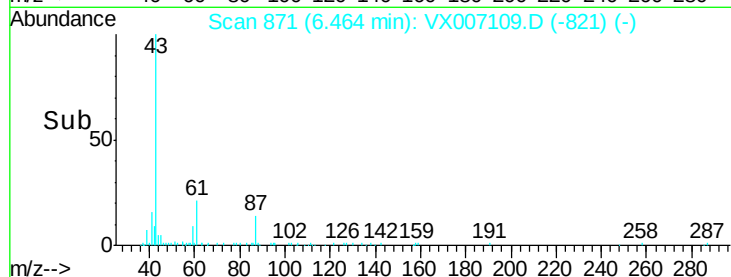
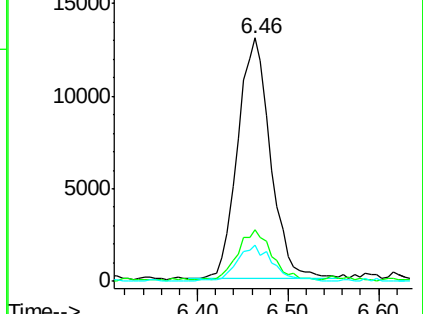
87 16.5 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.812 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007109.D

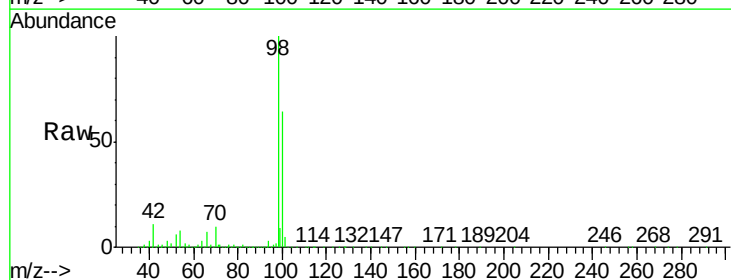
Acq: 18 Jan 2019 01:09

Tgt Ion: 98 Resp: 1090043

Ion Ratio Lower Upper

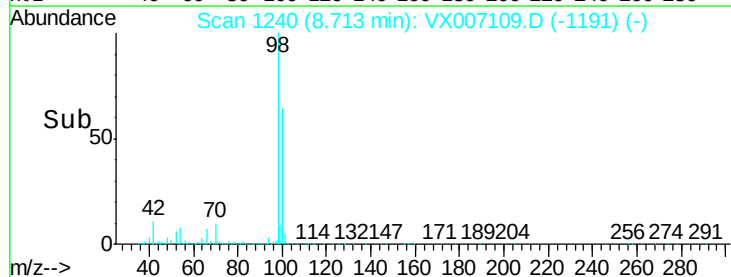
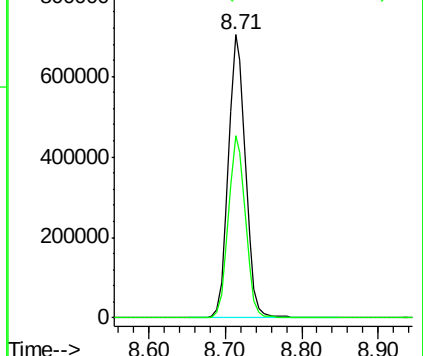
98 100

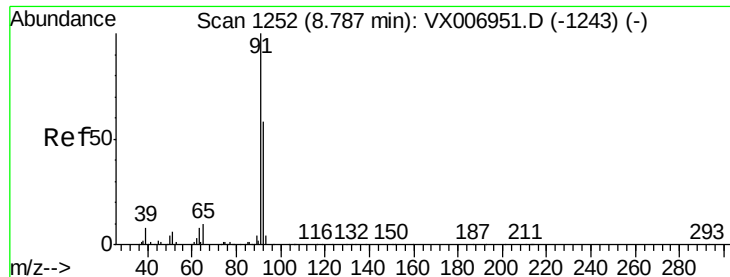
100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 1.170 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007109.D

Acq: 18 Jan 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

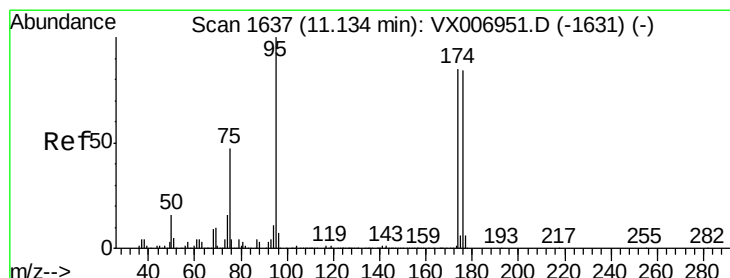
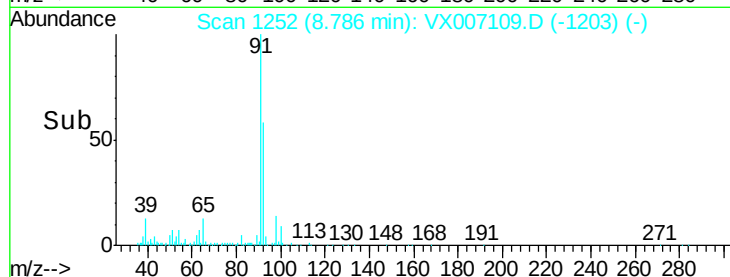
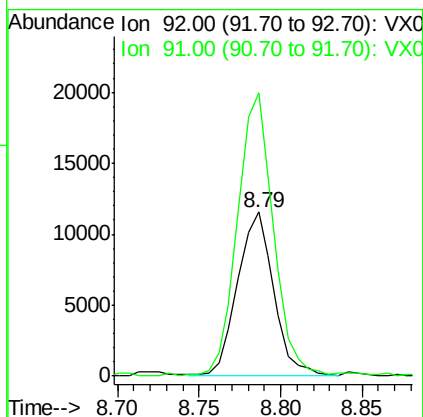
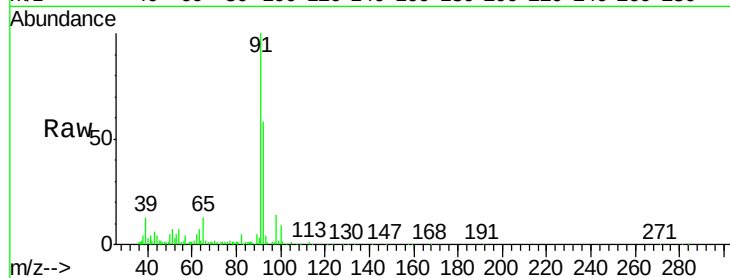
COMP-7

Tot Ion: 92 Resp: 17900

Ion Ratio Lower Upper

92 100

91 169.1 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 52.956 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007109.D

Acq: 18 Jan 2019 01:09

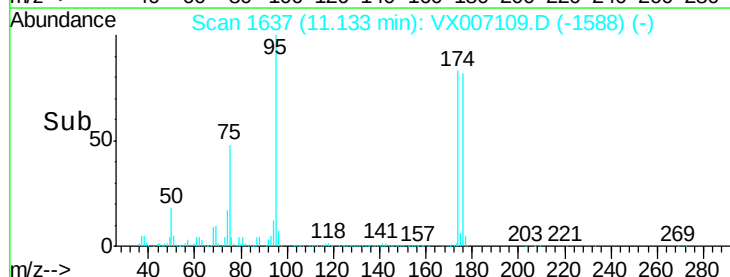
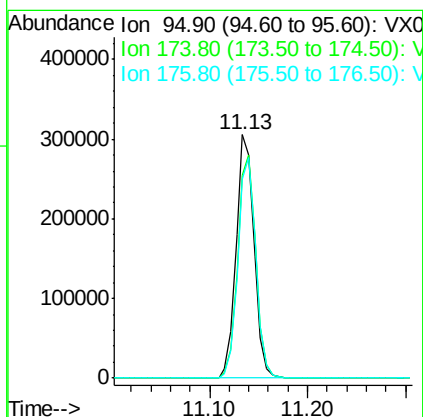
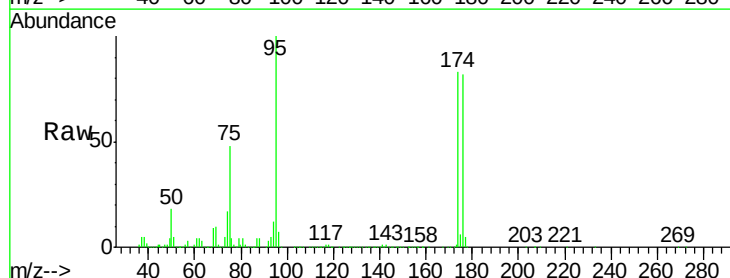
Tgt Ion: 95 Resp: 388410

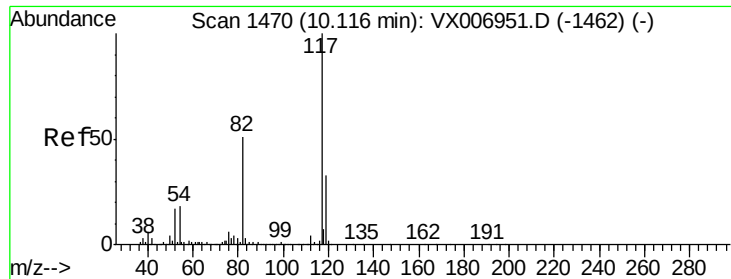
Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.2

176 90.5 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007109.D

Acq: 18 Jan 2019 01:09

Instrument :

MSVOA_X

ClientSampled :

COMP-7

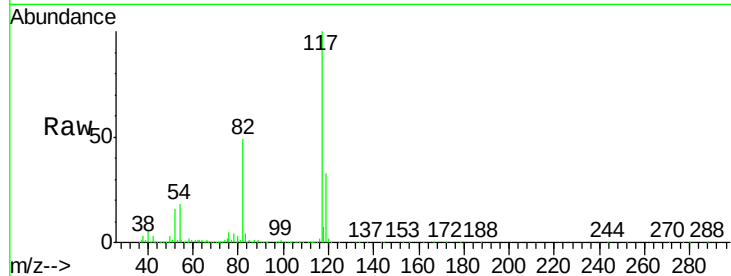
Tot Ion:117 Resp: 856709

Ion Ratio Lower Upper

117 100

82 48.8 41.0 61.6

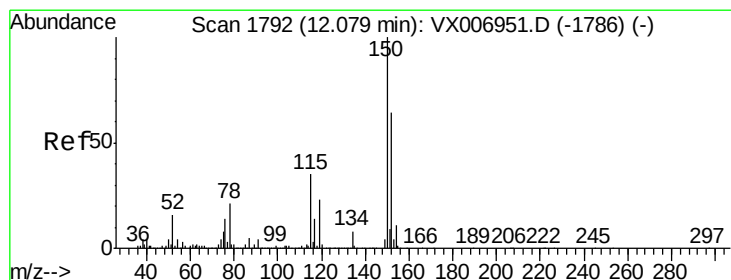
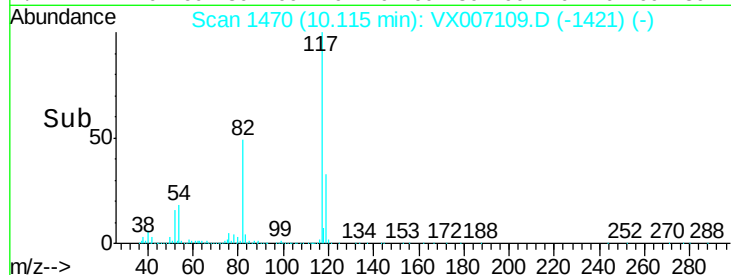
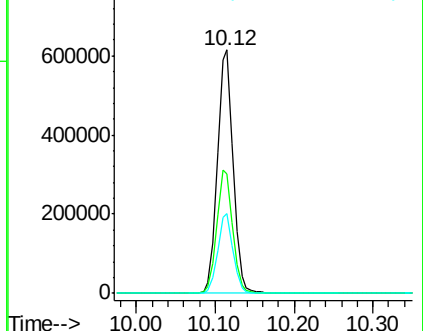
119 32.5 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX007109.D

Acq: 18 Jan 2019 01:09

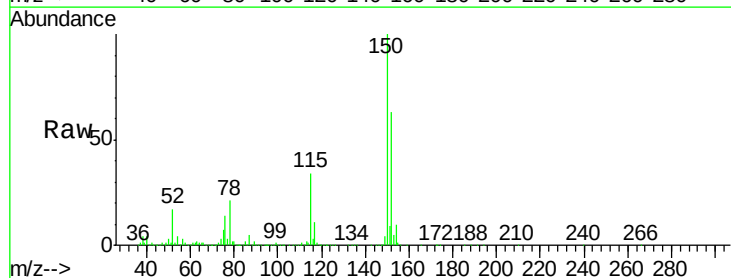
Tgt Ion:152 Resp: 413828

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.2

150 156.8 0.0 344.8



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

