

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004706.D
 Acq On : 19 Sep 2018 15:26
 Operator : JC/MD
 Sample : J4939-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Sep 20 04:15:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

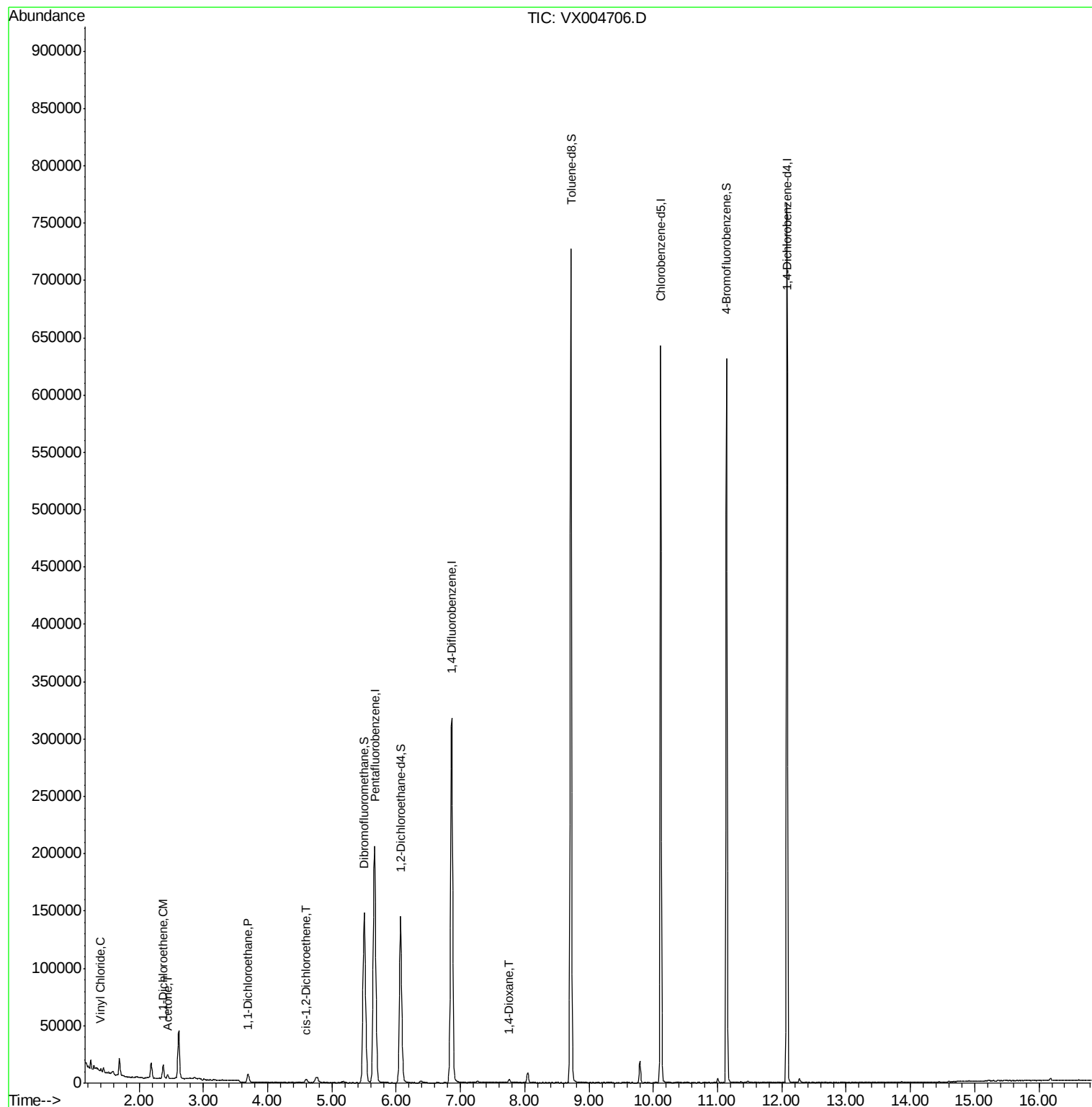
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	129869	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	5.50	113	129973	42.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.84%	
50) Toluene-d8	8.72	98	455627	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
62) 4-Bromofluorobenzene	11.14	95	156328	43.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.26%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1779	0.61	ug/l	92
12) 1,1-Dichloroethene	2.37	96	3889	1.69	ug/l	94
16) Acetone	2.45	43	4410	3.19	ug/l #	86
24) 1,1-Dichloroethane	3.70	63	8203	1.71	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	1937	0.68	ug/l	97
49) 1,4-Dioxane	7.76	88	2112	29.71	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004706.D

Acq: 19 Sep 2018 15:26

Instrument :

MSVOA_X

ClientSampled :

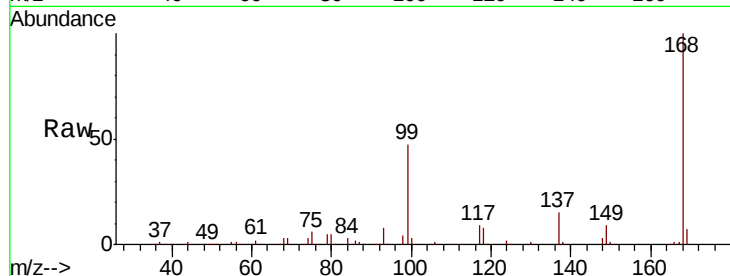
MW-4

Tot Ion:168 Resp: 219851

Ion Ratio Lower Upper

168 100

99 46.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

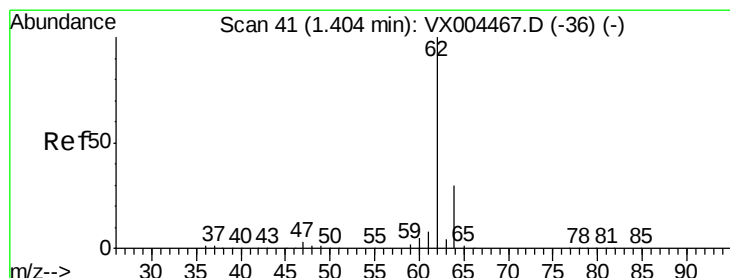
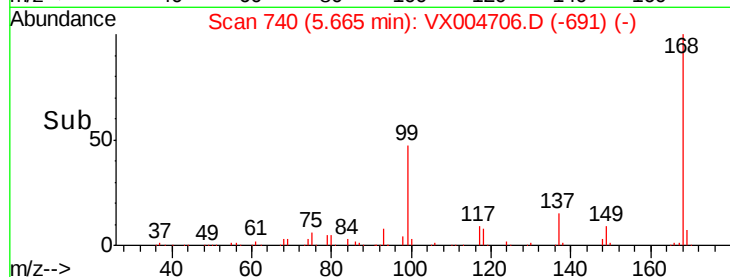
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.61 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004706.D

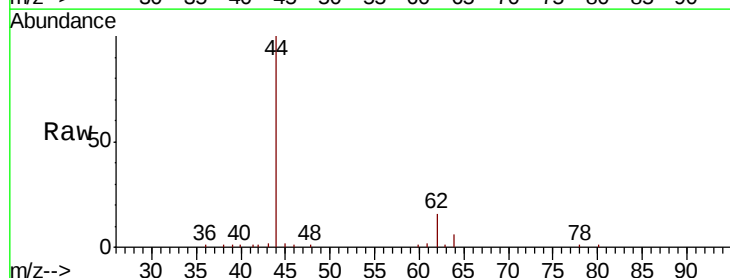
Acq: 19 Sep 2018 15:26

Tgt Ion: 62 Resp: 1779

Ion Ratio Lower Upper

62 100

64 36.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

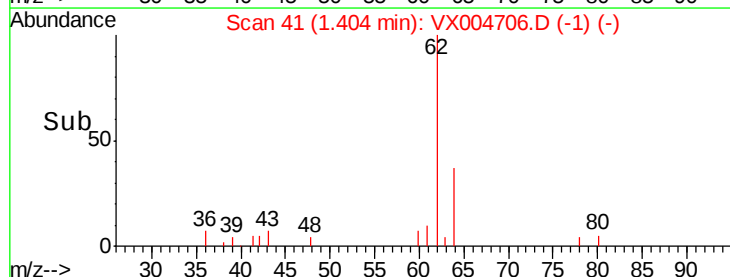
1500

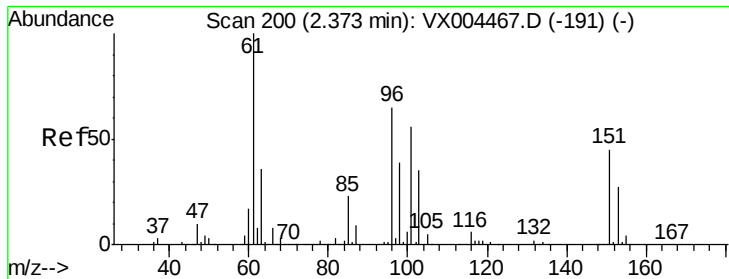
1000

500

0

Time--> 1.35 1.40 1.45

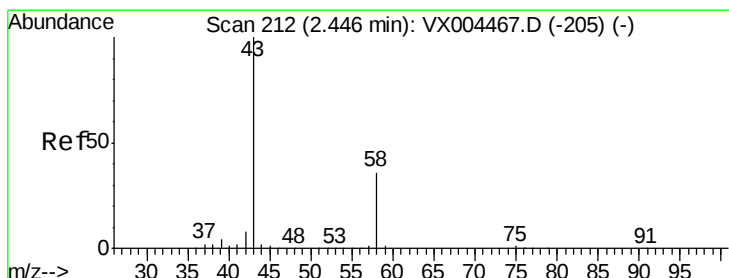
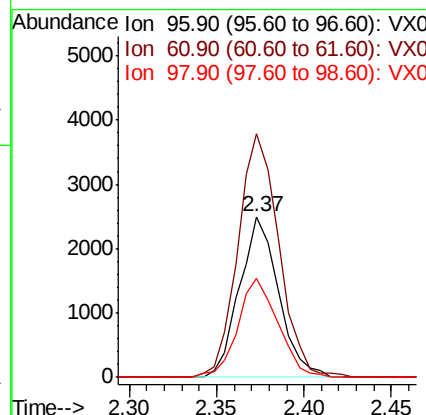
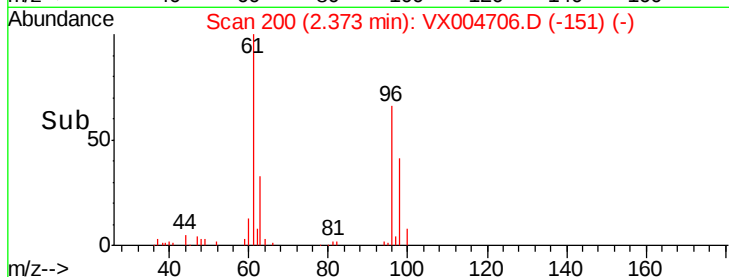
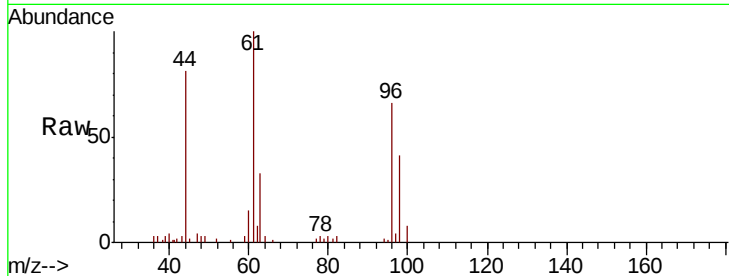




#12
 1,1-Dichloroethene
 Concen: 1.69 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX004706.D
 Acq: 19 Sep 2018 15:26

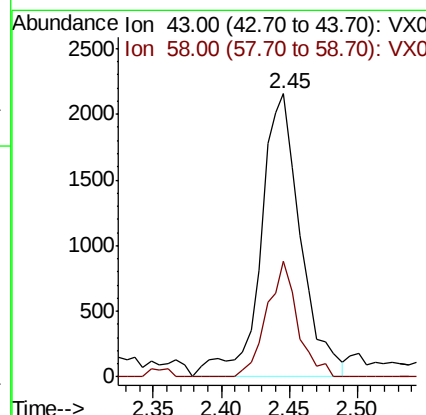
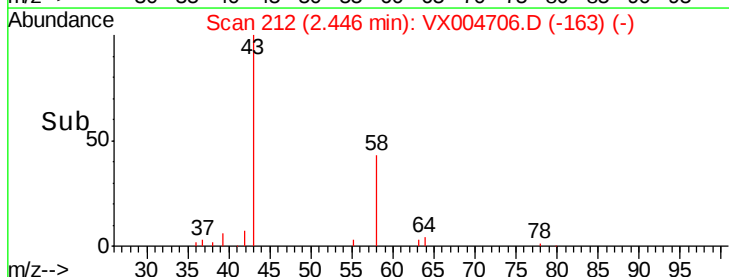
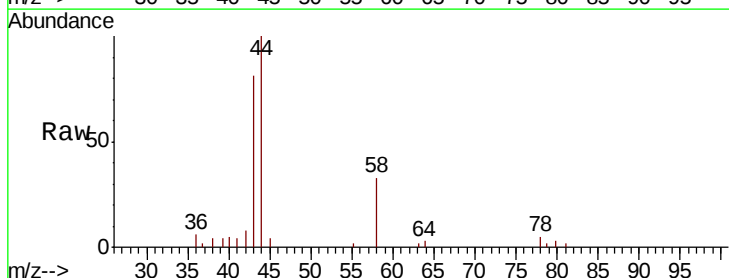
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

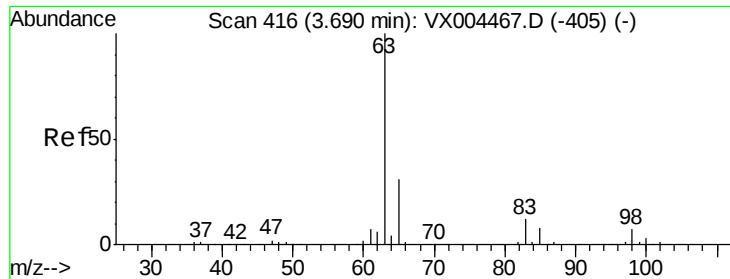
Tot Ion: 96 Resp: 3889
 Ion Ratio Lower Upper
 96 100
 61 151.4 128.8 193.2
 98 61.7 52.2 78.2



#16
 Acetone
 Concen: 3.19 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX004706.D
 Acq: 19 Sep 2018 15:26

Tgt Ion: 43 Resp: 4410
 Ion Ratio Lower Upper
 43 100
 58 40.9 26.2 39.4#





#24

1,1-Dichloroethane

Concen: 1.71 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004706.D

Acq: 19 Sep 2018 15:26

Instrument :

MSVOA_X

ClientSampled :

MW-4

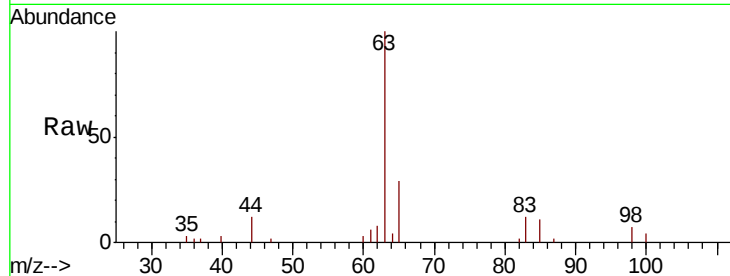
Tot Ion: 63 Resp: 8203

Ion Ratio Lower Upper

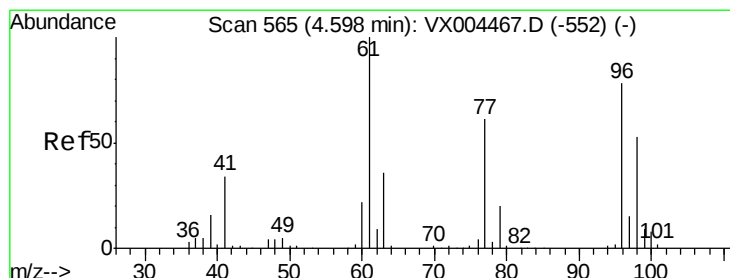
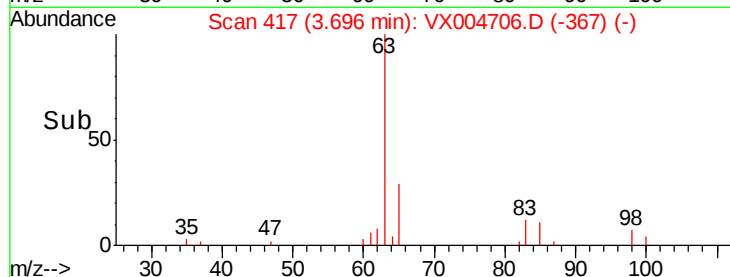
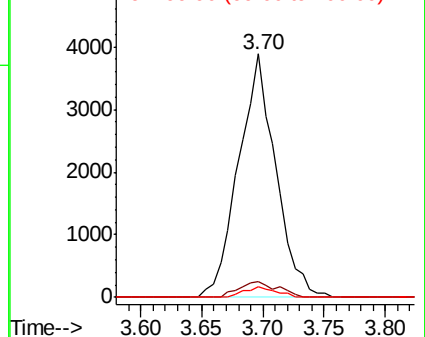
63 100

98 6.7 3.5 10.4

100 4.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.68 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004706.D

Acq: 19 Sep 2018 15:26

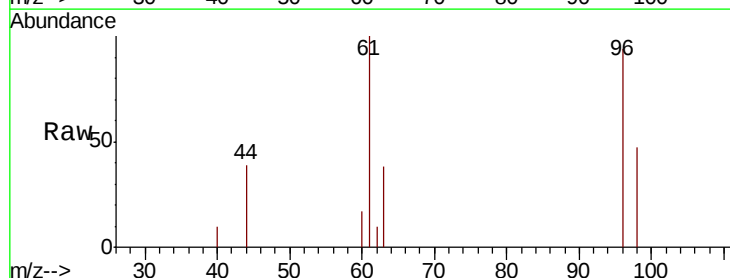
Tgt Ion: 96 Resp: 1937

Ion Ratio Lower Upper

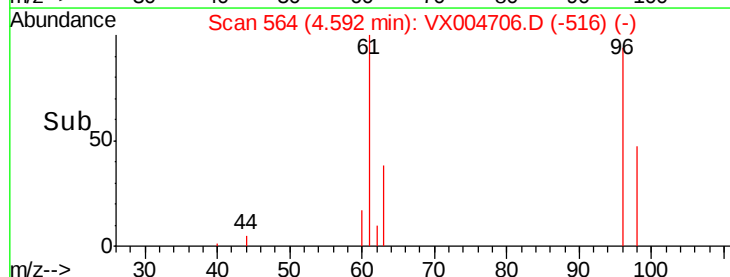
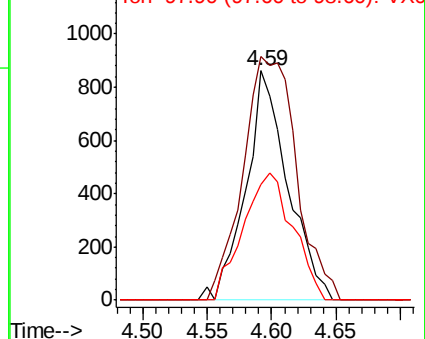
96 100

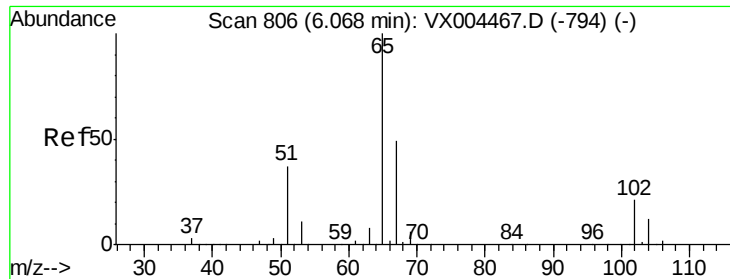
61 136.2 0.0 282.6

98 66.3 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

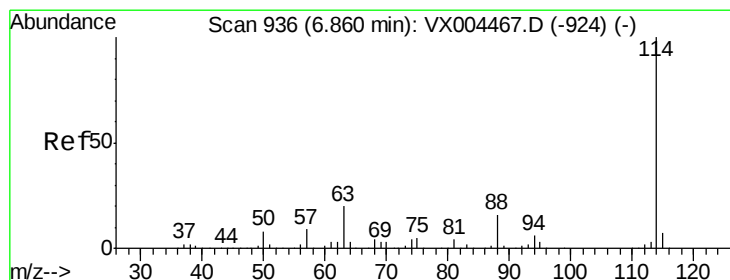
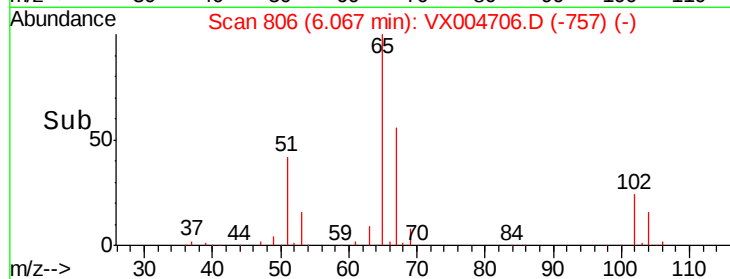
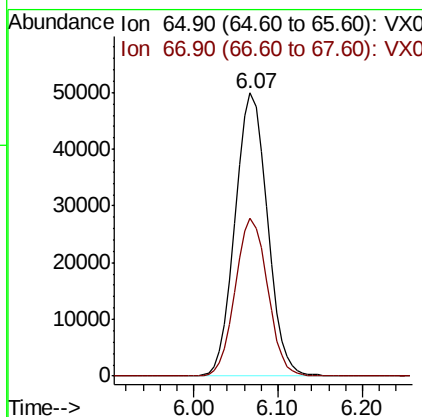
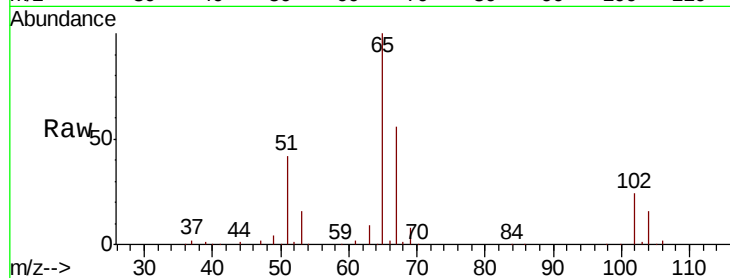




#33
 1,2-Dichloroethane-d4
 Concen: 45.81 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004706.D
 Acq: 19 Sep 2018 15:26

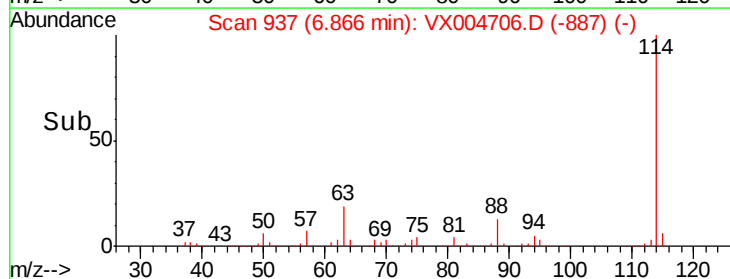
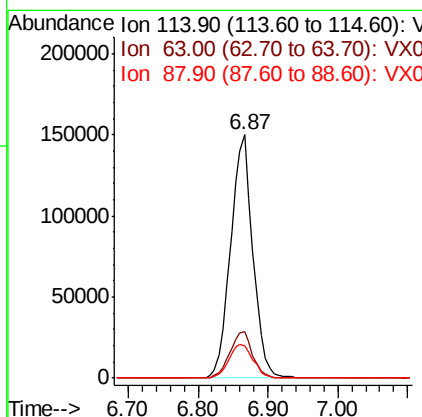
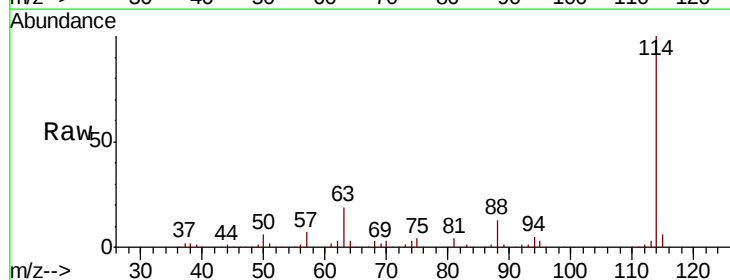
Instrument :
 MSVOA_X
 ClientSampled :
 MW-4

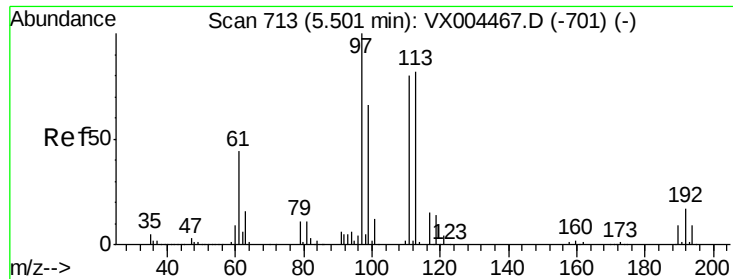
Tot Ion: 65 Resp: 129869
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004706.D
 Acq: 19 Sep 2018 15:26

Tgt Ion: 114 Resp: 330906
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 13.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 42.92 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004706.D

Acq: 19 Sep 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

MW-4

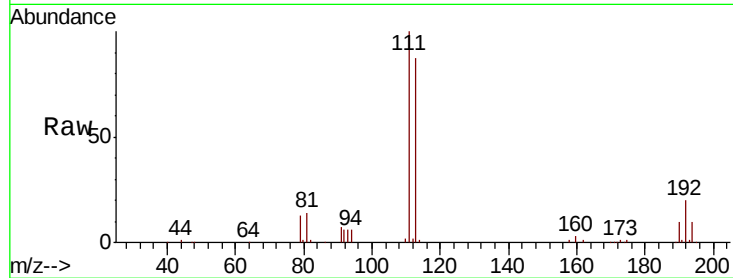
Tot Ion:113 Resp: 129973

Ion Ratio Lower Upper

113 100

111 100.9 82.4 123.6

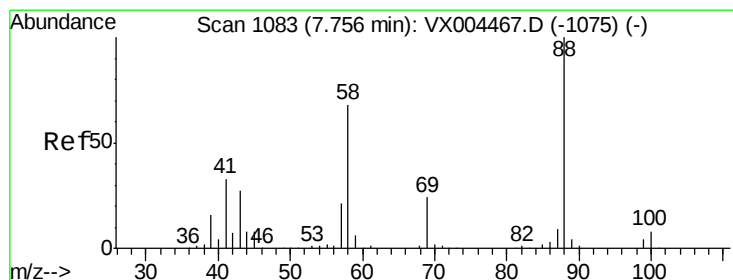
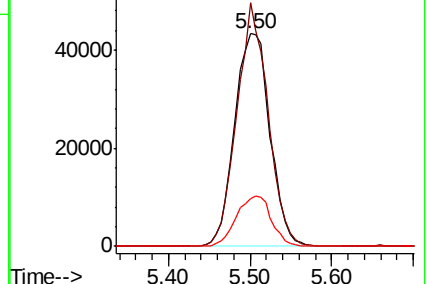
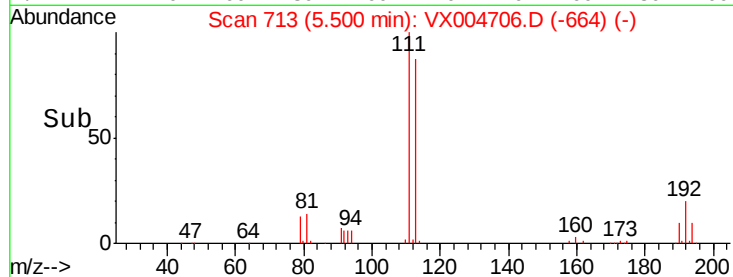
192 23.4 19.4 29.2



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



#49

1,4-Dioxane

Concen: 29.71 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX004706.D

Acq: 19 Sep 2018 15:26

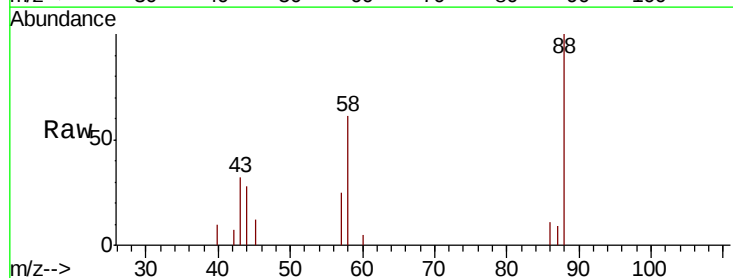
Tgt Ion: 88 Resp: 2112

Ion Ratio Lower Upper

88 100

43 28.8 24.7 37.1

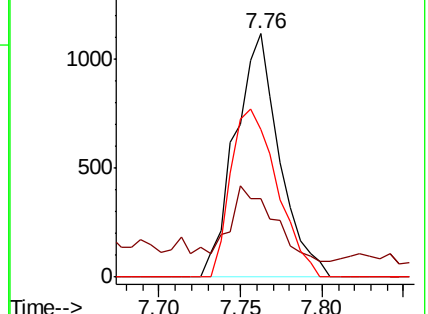
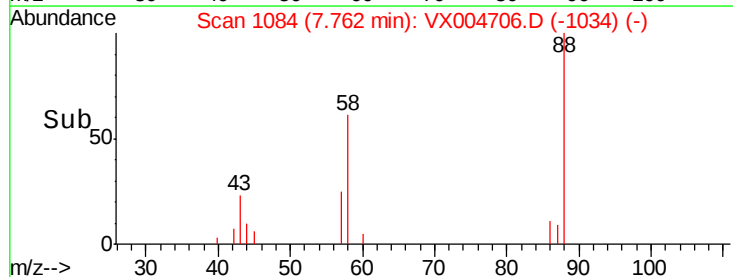
58 72.2 55.3 82.9

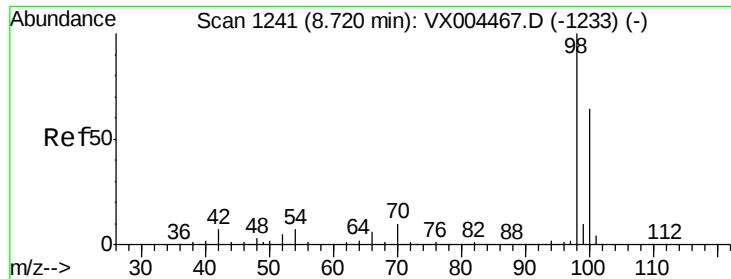


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

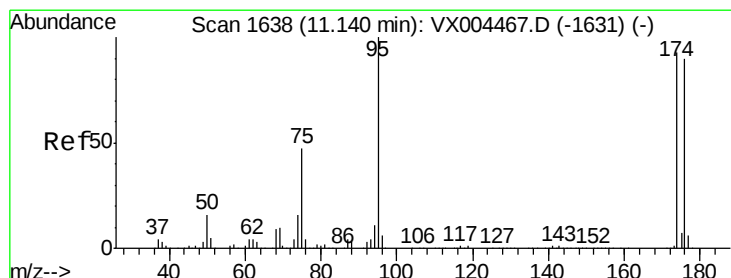
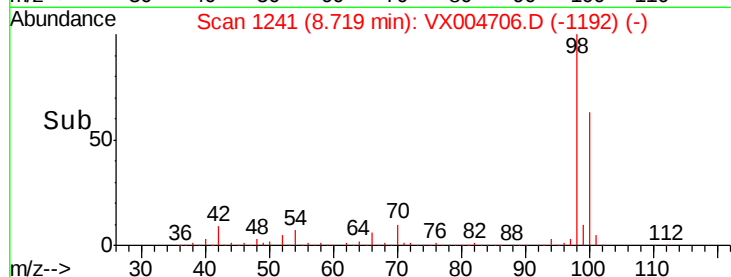
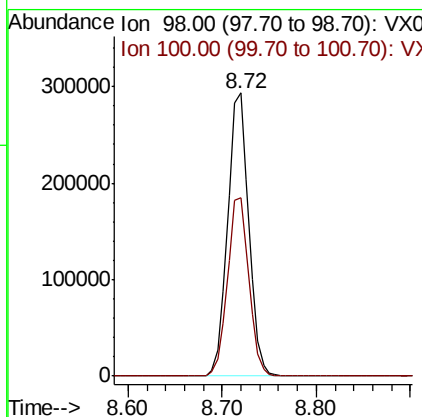
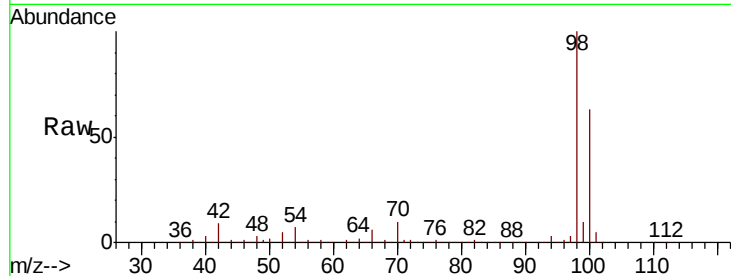




#50
Toluene-d8
Concen: 44.87 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004706.D
Acq: 19 Sep 2018 15:26

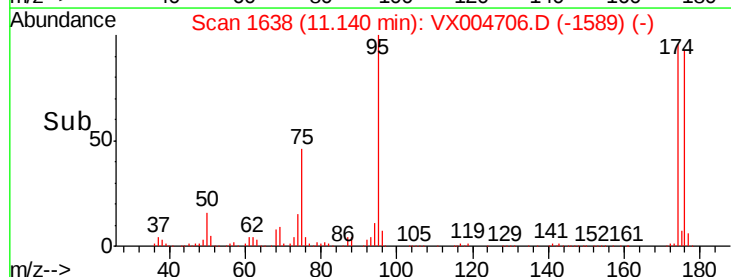
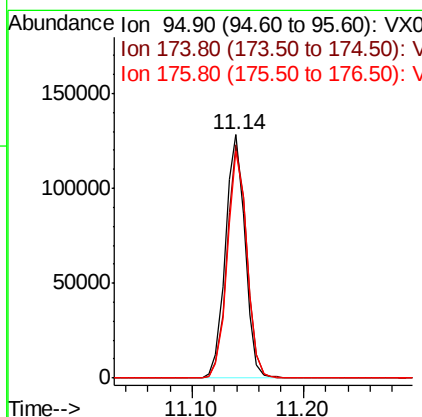
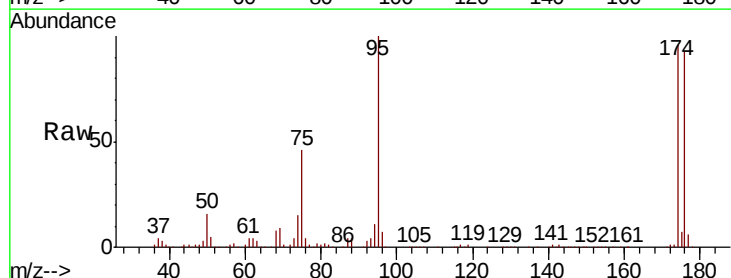
Instrument :
MSVOA_X
ClientSampleId :
MW-4

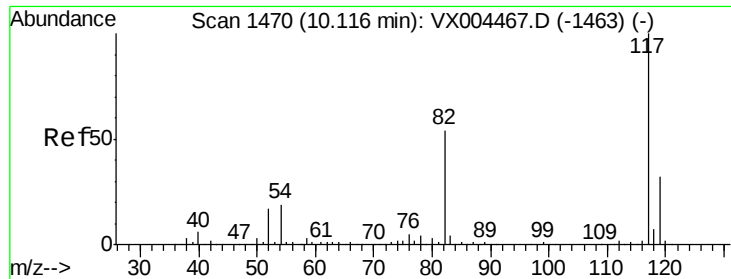
Tot Ion: 98 Resp: 455627
Ion Ratio Lower Upper
98 100
100 63.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.13 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004706.D
Acq: 19 Sep 2018 15:26

Tgt Ion: 95 Resp: 156328
Ion Ratio Lower Upper
95 100
174 95.8 0.0 185.2
176 92.4 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004706.D

Acq: 19 Sep 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

MW-4

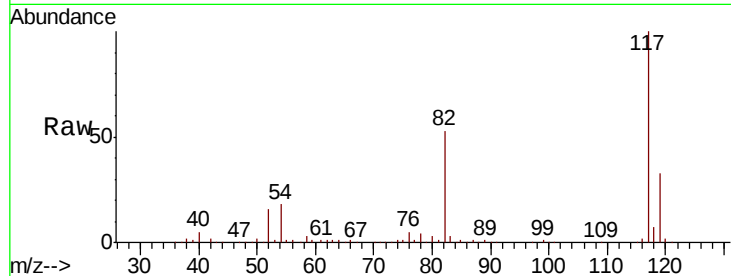
Tot Ion:117 Resp: 303782

Ion Ratio Lower Upper

117 100

82 52.5 47.8 71.6

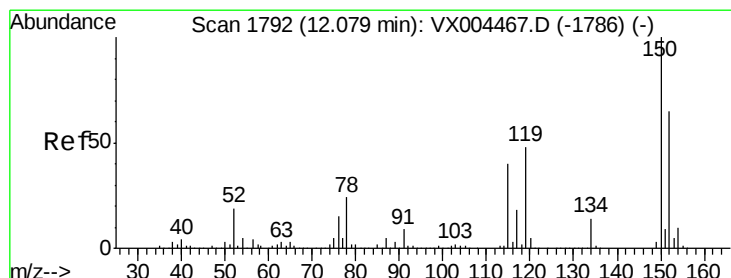
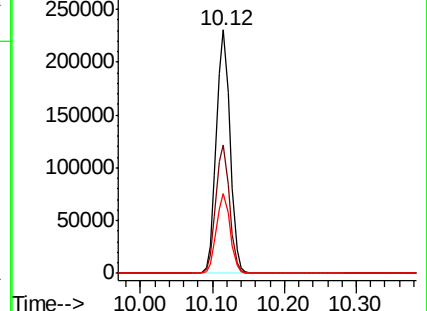
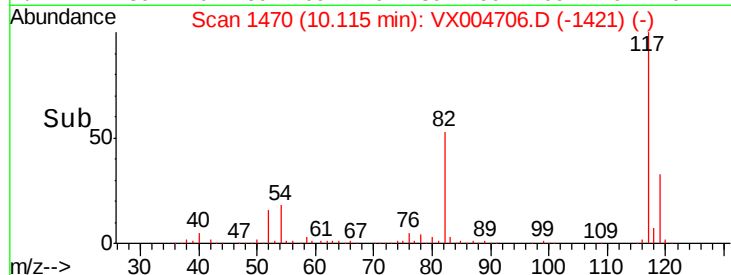
119 32.8 29.3 43.9



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: VX004706.D

Acq: 19 Sep 2018 15:26

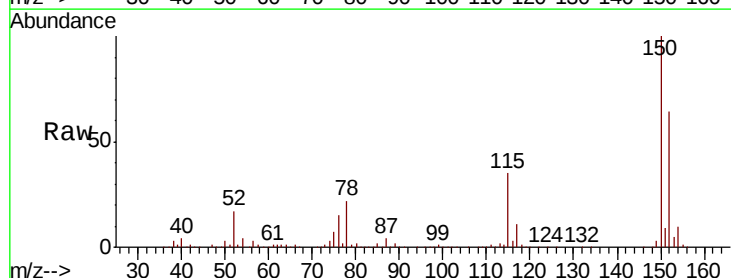
Tgt Ion:152 Resp: 164934

Ion Ratio Lower Upper

152 100

115 54.3 39.0 117.0

150 156.7 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

