

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004664.D
 Acq On : 18 Sep 2018 18:03
 Operator : JC/MD
 Sample : J4936-38
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 132-1-VOLT

Quant Time: Sep 19 04:36:06 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	5.66	168	230642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359576	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183396	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	142891	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
35) Dibromofluoromethane	5.50	113	133869	40.68	ug/l	0.00
Spiked Amount			Recovery	=	81.36%	
50) Toluene-d8	8.71	98	480139	43.51	ug/l	0.00
Spiked Amount			Recovery	=	87.02%	
62) 4-Bromofluorobenzene	11.14	95	172018	43.67	ug/l	0.00
Spiked Amount			Recovery	=	87.34%	

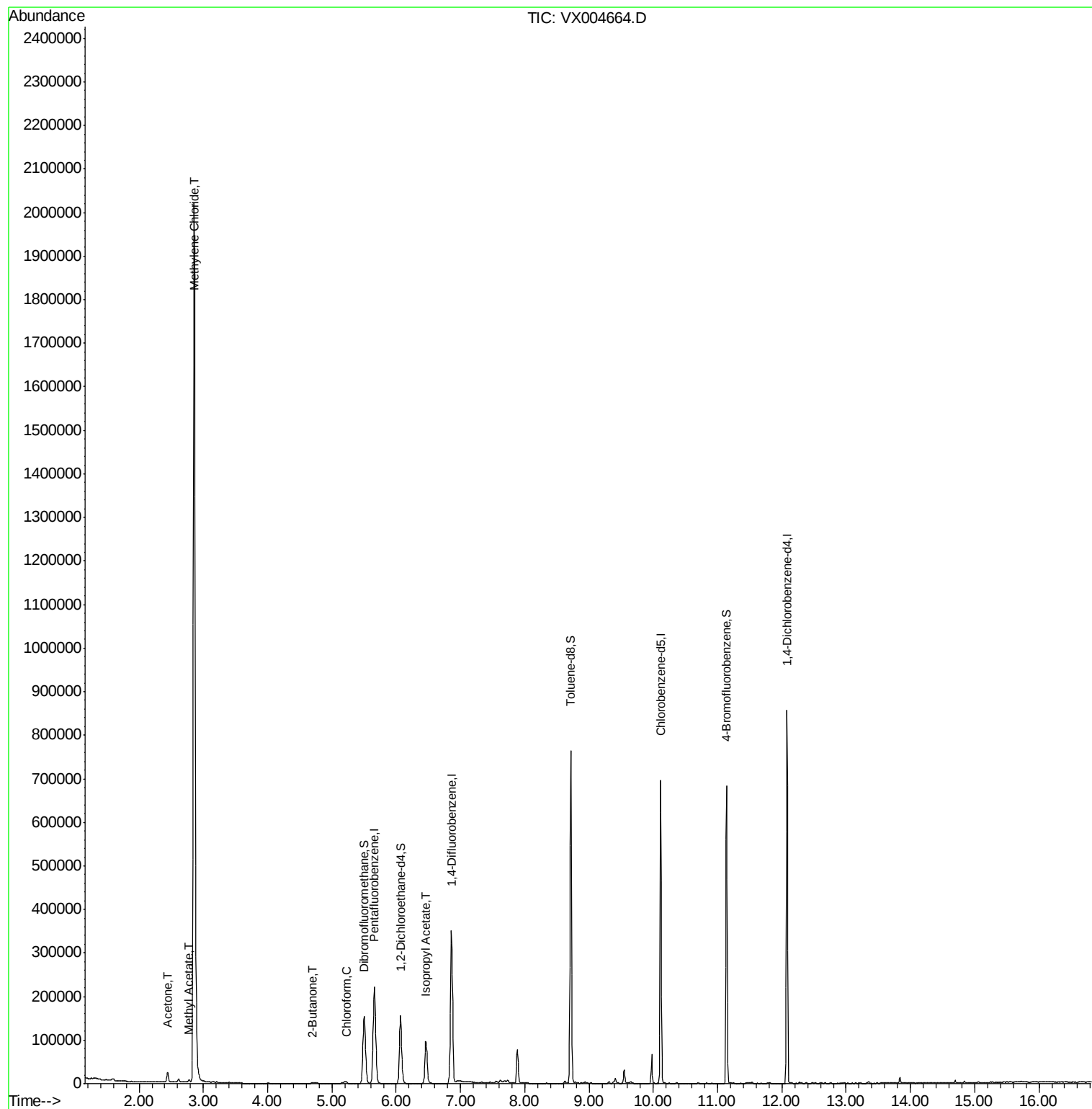
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	23969	16.51	ug/l	95
18) Methyl Acetate	2.78	43	5869	1.44	ug/l	97
20) Methylene Chloride	2.85	84	1008540	338.71	ug/l	90
25) 2-Butanone	4.70	43	5336	2.31	ug/l	100
30) Chloroform	5.22	83	5554	1.13	ug/l	90
43) Isopropyl Acetate	6.46	43	126811	19.23	ug/l	100

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

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QLast Update : Wed Sep 12 02:17:23 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004664.D

Acq: 18 Sep 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

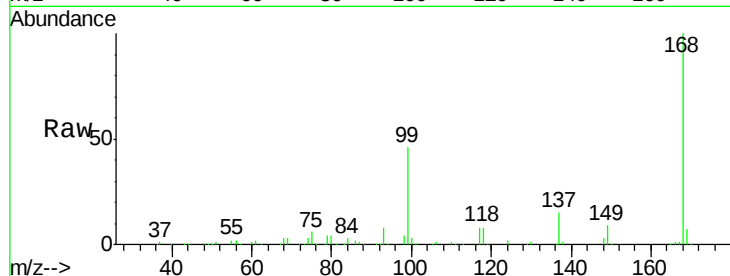
132-1-VOLT

Tot Ion:168 Resp: 230642

Ion Ratio Lower Upper

168 100

99 46.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

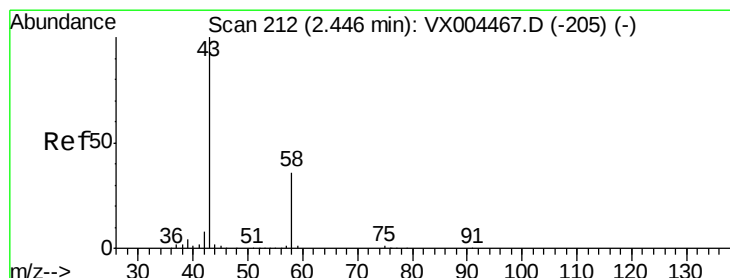
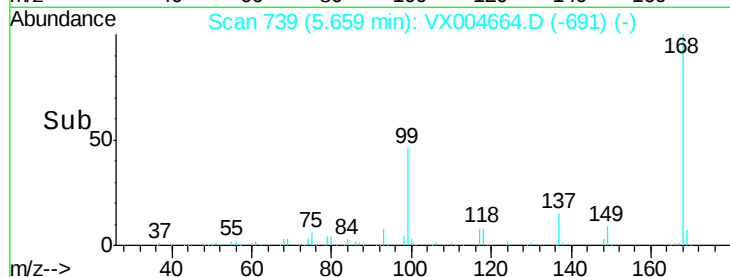
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 16.51 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004664.D

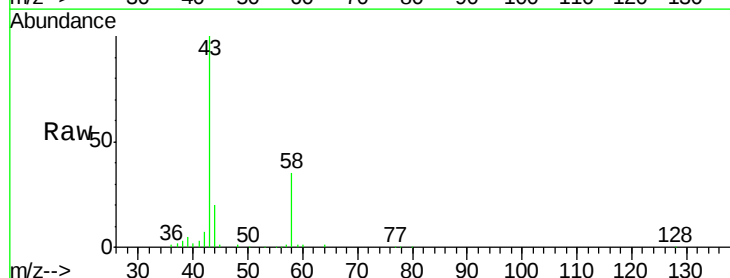
Acq: 18 Sep 2018 18:03

Tgt Ion: 43 Resp: 23969

Ion Ratio Lower Upper

43 100

58 35.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

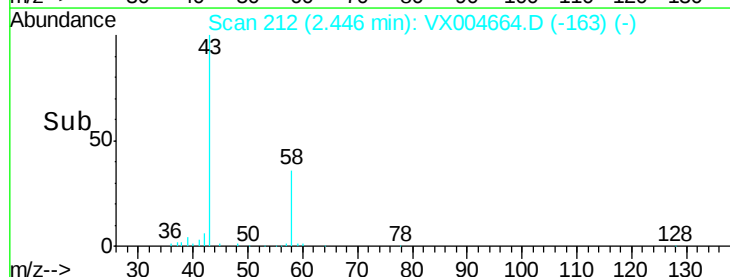
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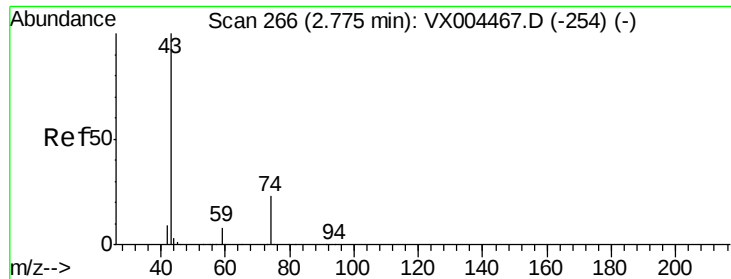
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0

Time-->

2.35 2.40 2.45 2.50

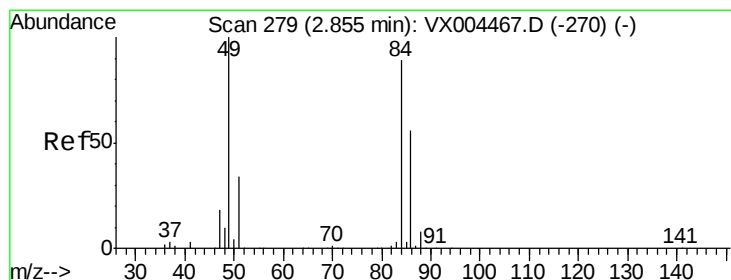
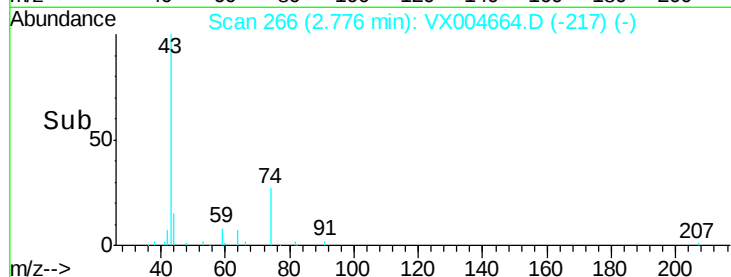
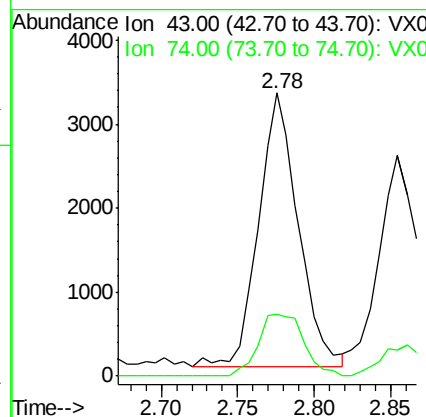
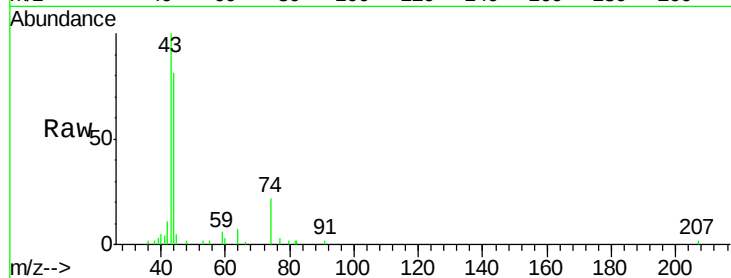




#18
Methyl Acetate
Concen: 1.44 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004664.D
Acq: 18 Sep 2018 18:03

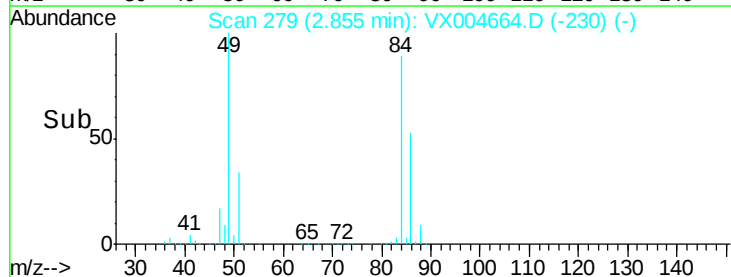
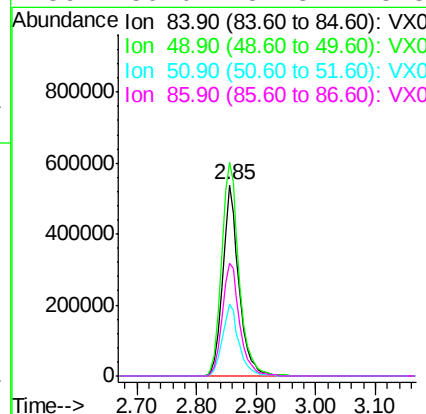
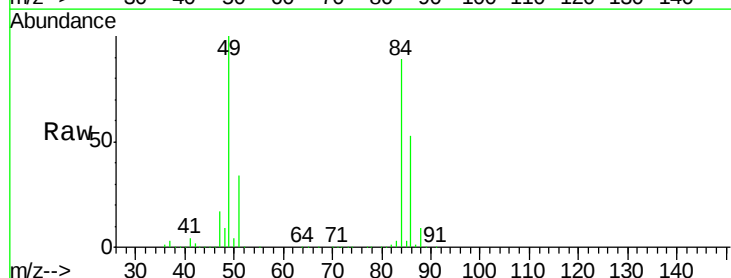
Instrument :
MSVOA_X
ClientSampled :
132-1-VOLT

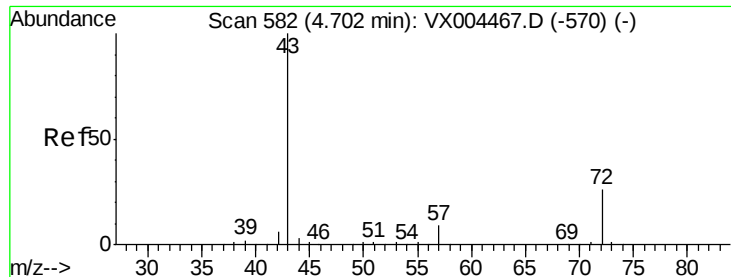
Tot Ion: 43 Resp: 5869
Ion Ratio Lower Upper
43 100
74 26.0 19.4 29.2



#20
Methylene Chloride
Concen: 338.71 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004664.D
Acq: 18 Sep 2018 18:03

Tgt Ion: 84 Resp: 1008540
Ion Ratio Lower Upper
84 100
49 111.8 101.2 151.8
51 37.9 29.5 44.3
86 59.0 52.3 78.5





#25

2-Butanone

Concen: 2.31 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004664.D

Acq: 18 Sep 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

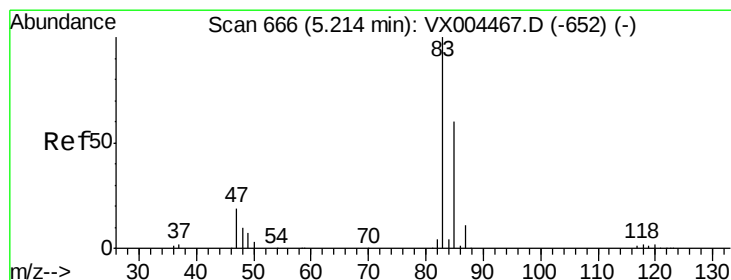
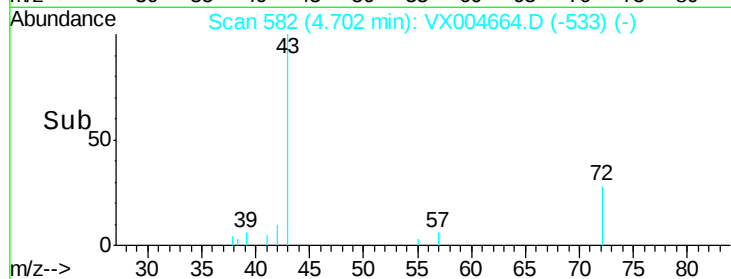
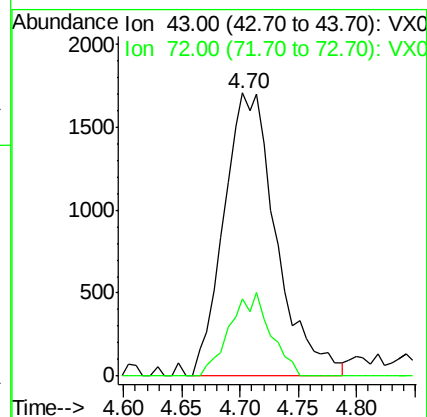
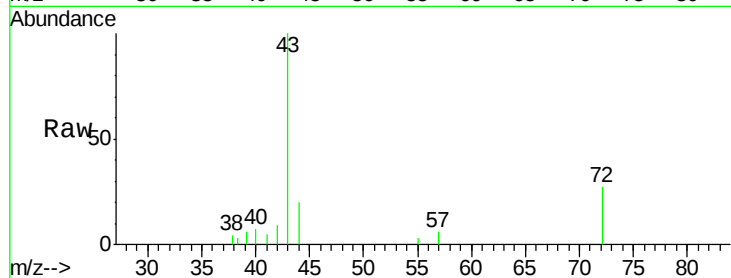
132-1-VOLT

Tot Ion: 43 Resp: 5336

Ion Ratio Lower Upper

43 100

72 27.3 22.0 33.0



#30

Chloroform

Concen: 1.13 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX004664.D

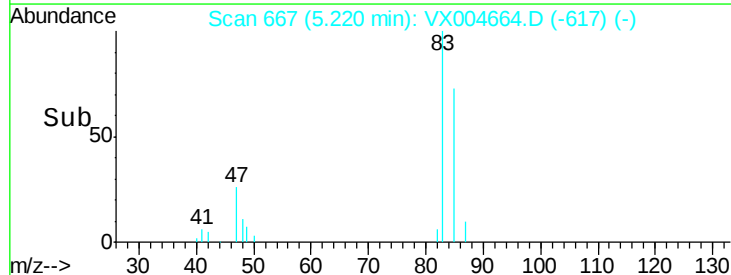
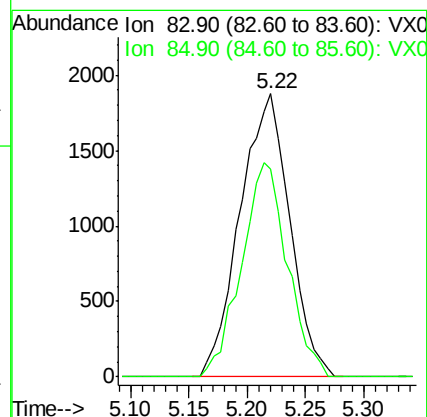
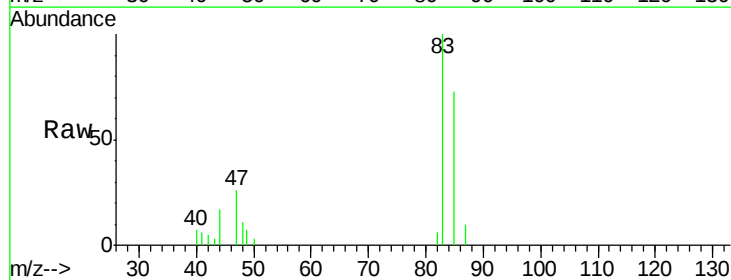
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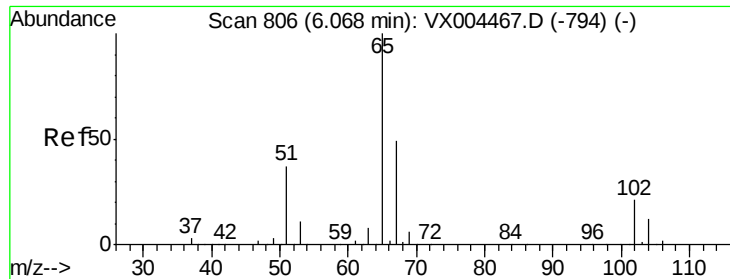
Tgt Ion: 83 Resp: 5554

Ion Ratio Lower Upper

83 100

85 73.3 52.6 79.0

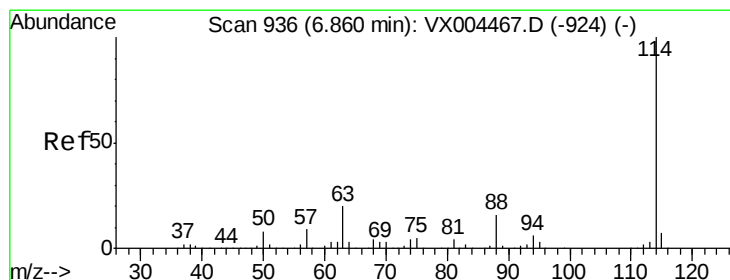
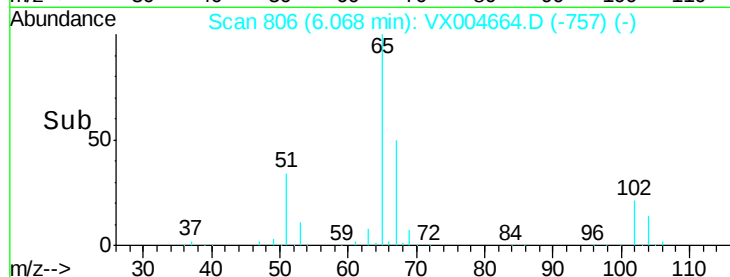
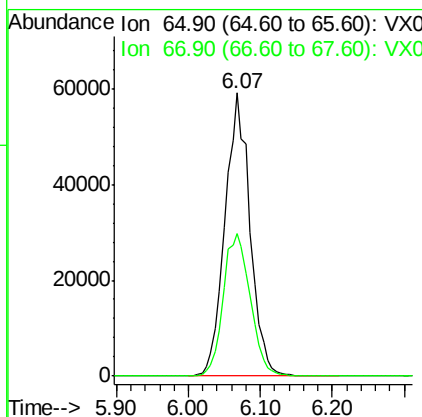
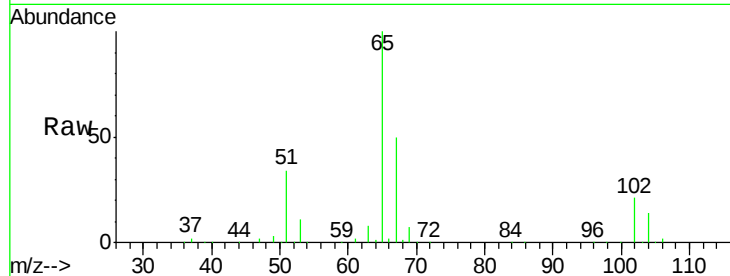




#33
 1,2-Dichloroethane-d4
 Concen: 48.05 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004664.D
 Acq: 18 Sep 2018 18:03

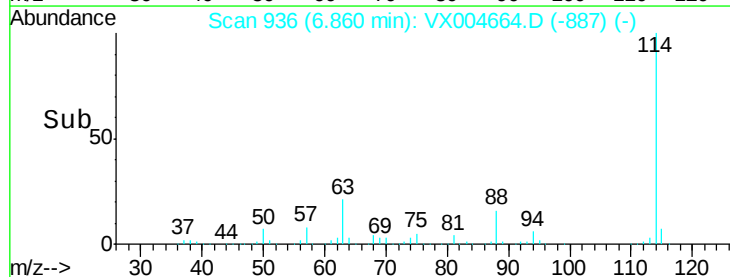
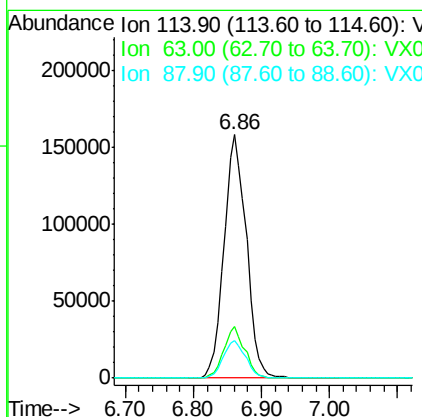
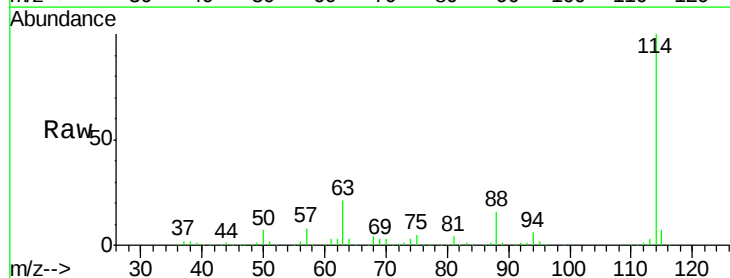
Instrument :
 MSVOA_X
 ClientSampleId :
 132-1-VOLT

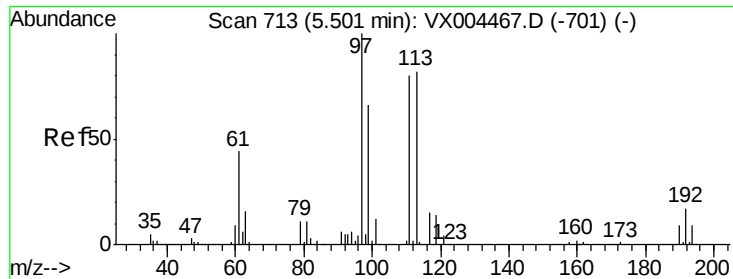
Tot Ion: 65 Resp: 142891
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004664.D
 Acq: 18 Sep 2018 18:03

Tgt Ion: 114 Resp: 359576
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.0
 88 15.6 0.0 30.4

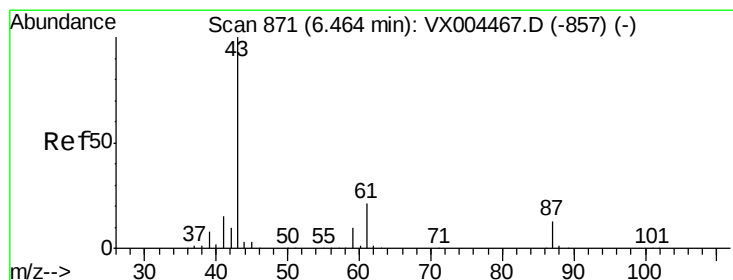
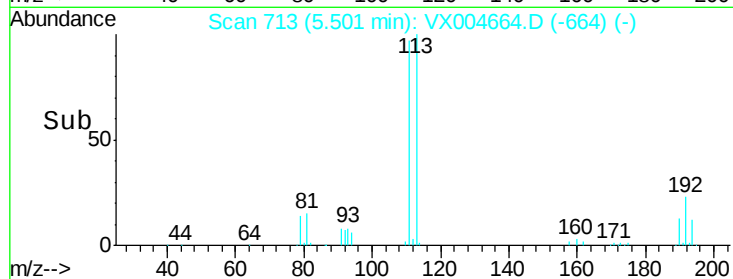
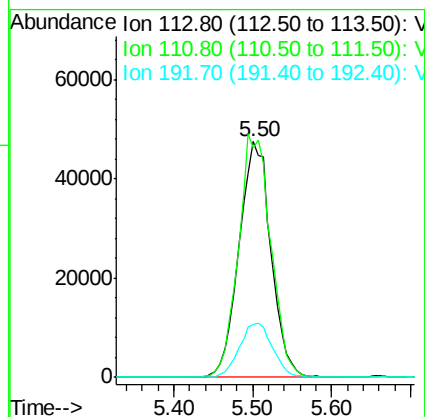
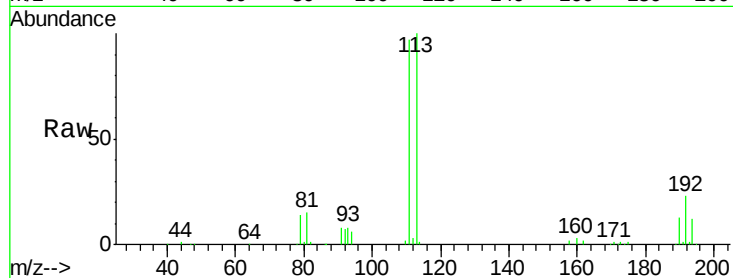




#35
 Dibromofluoromethane
 Concen: 40.68 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004664.D
 Acq: 18 Sep 2018 18:03

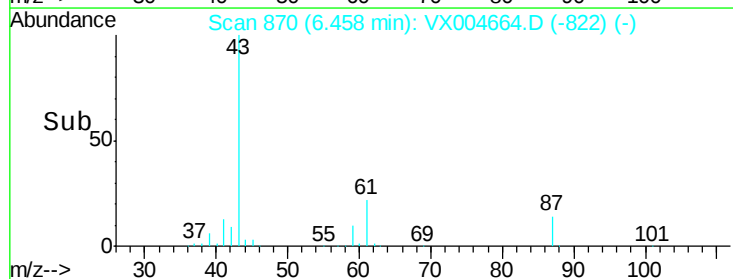
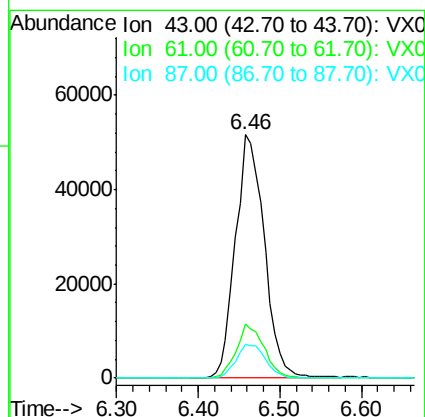
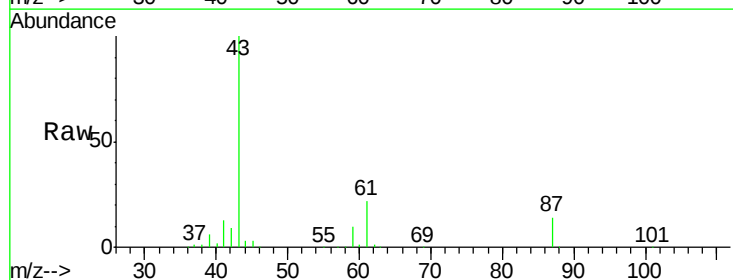
Instrument :
 MSVOA_X
 ClientSampleId :
 132-1-VOLT

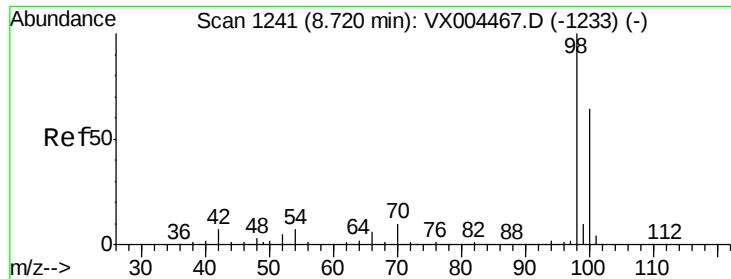
Tot Ion:113 Resp: 133869
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.4 123.6
 192 23.8 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 19.23 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX004664.D
 Acq: 18 Sep 2018 18:03

Tgt Ion: 43 Resp: 126811
 Ion Ratio Lower Upper
 43 100
 61 21.3 17.0 25.4
 87 14.1 11.4 17.2





#50

Toluene-d8

Concen: 43.51 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004664.D

Acq: 18 Sep 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

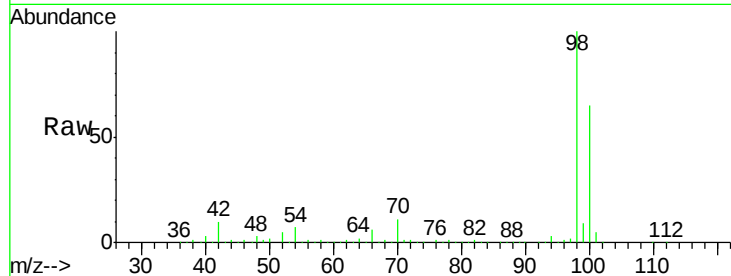
132-1-VOLT

Tot Ion: 98 Resp: 480139

Ion Ratio Lower Upper

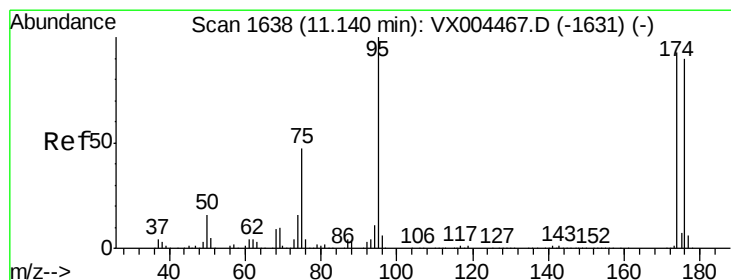
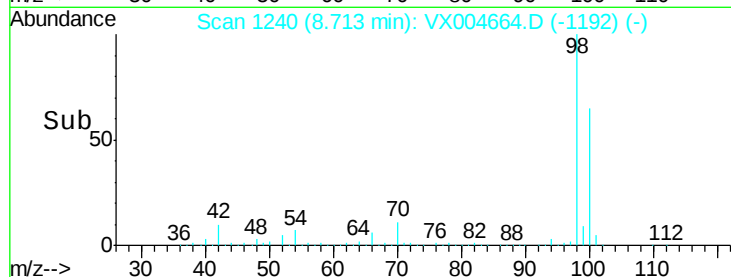
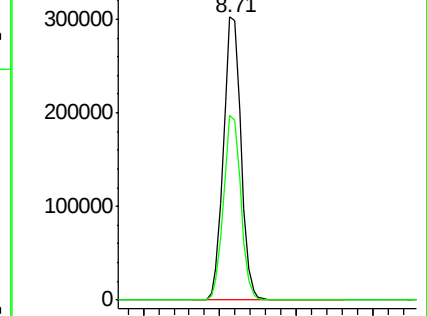
98 100

100 64.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.67 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004664.D

Acq: 18 Sep 2018 18:03

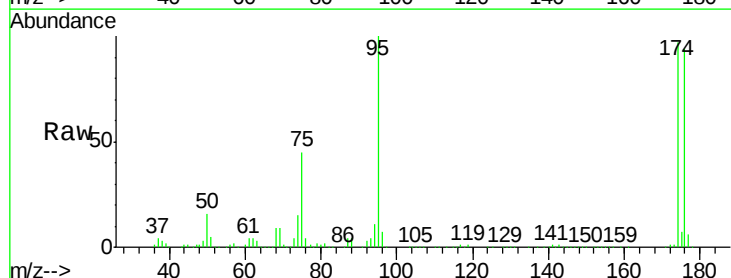
Tgt Ion: 95 Resp: 172018

Ion Ratio Lower Upper

95 100

174 93.9 0.0 185.2

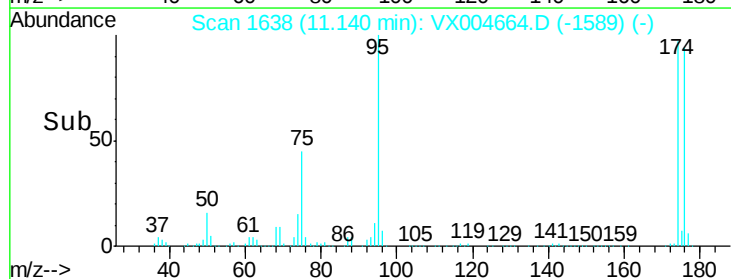
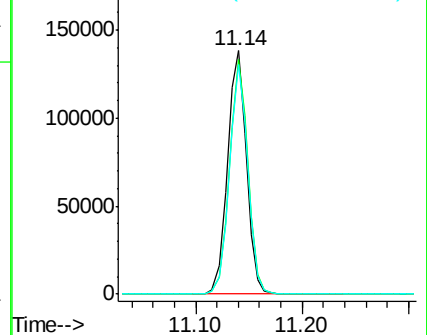
176 91.6 0.0 178.6

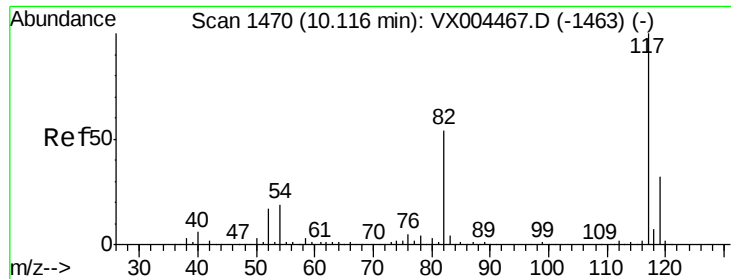


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

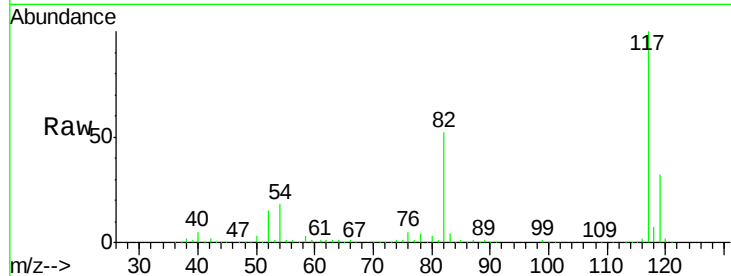




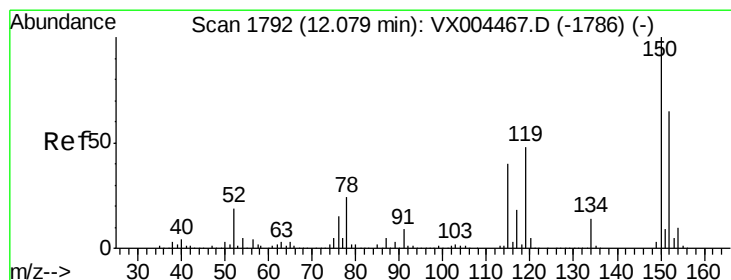
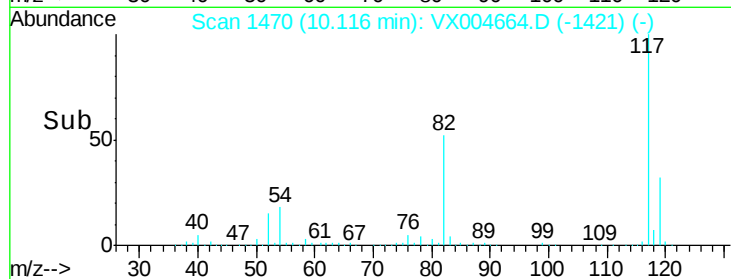
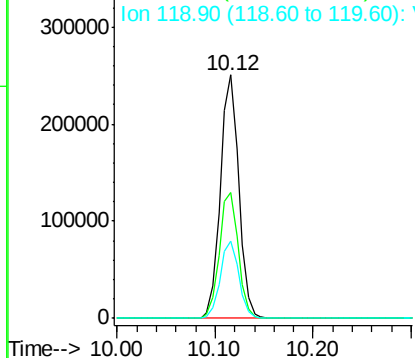
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004664.D
Acq: 18 Sep 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
132-1-VOLT

Tot Ion:117 Resp: 327617
Ion Ratio Lower Upper
117 100
82 51.8 47.8 71.6
119 31.9 29.3 43.9

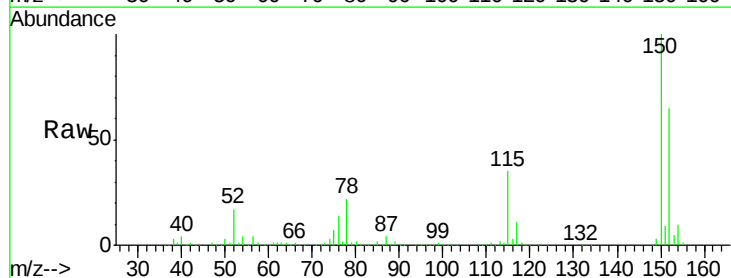


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004664.D
Acq: 18 Sep 2018 18:03

Tgt Ion:152 Resp: 183396
Ion Ratio Lower Upper
152 100
115 53.9 39.0 117.0
150 155.1 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

