

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001789.D
 Acq On : 17 May 2018 14:39
 Operator : JC/MD
 Sample : J2853-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW026-180507

Quant Time: May 18 04:34:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

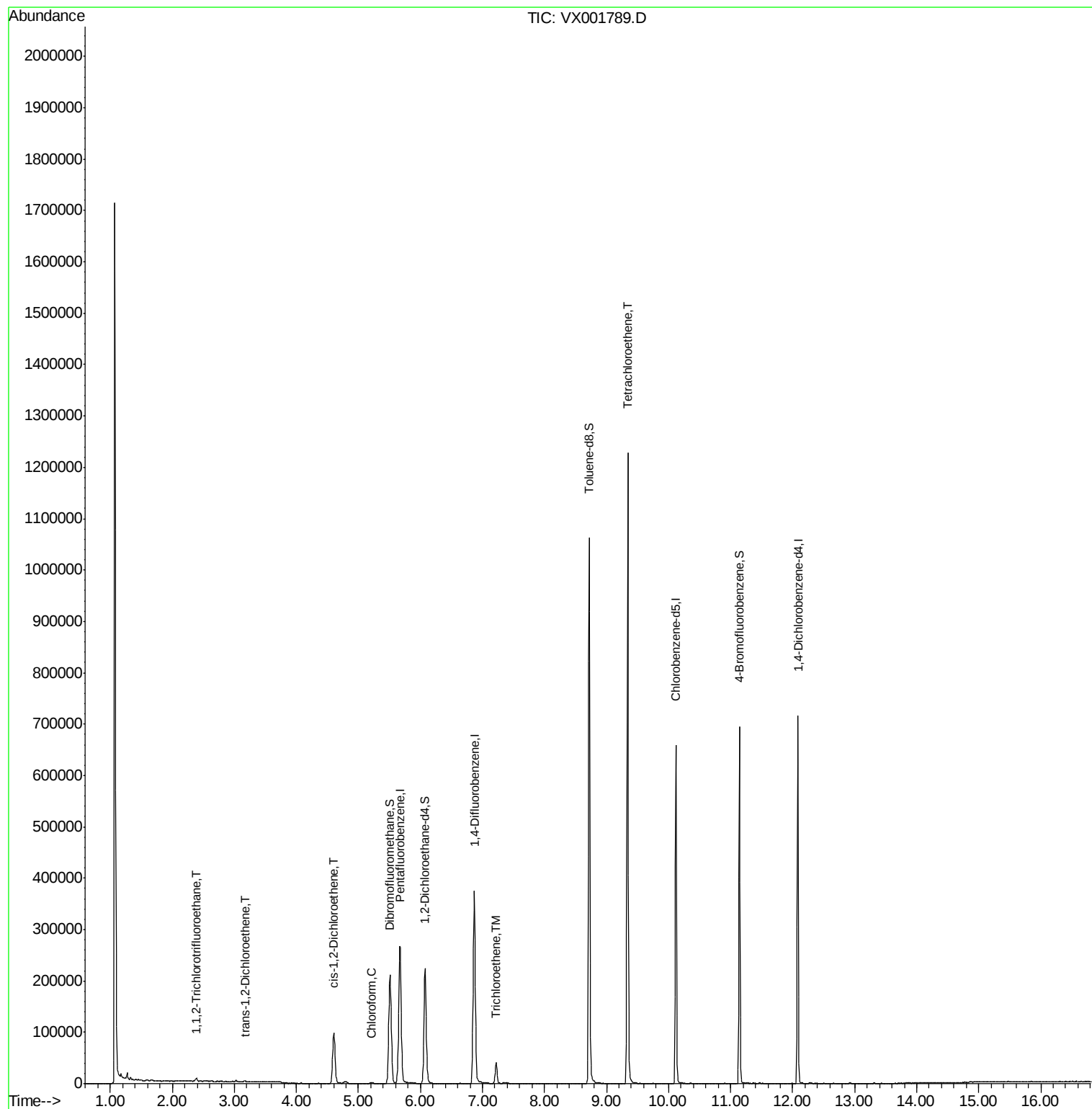
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	397444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	159836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	207706	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
35) Dibromofluoromethane	5.51	113	177884	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	8.72	98	623182	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	11.14	95	178840	41.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.70%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2554	0.85	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	791	0.25	ug/l	# 78
27) cis-1,2-Dichloroethene	4.60	96	66418	18.23	ug/l	92
30) Chloroform	5.21	83	1420	0.24	ug/l	97
44) Trichloroethene	7.22	130	17074	4.08	ug/l	93
64) Tetrachloroethene	9.34	164	272271	65.34	ug/l	99

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001789.D

Acq: 17 May 2018 14:39

Instrument :

MSVOA_X

ClientSampleId :

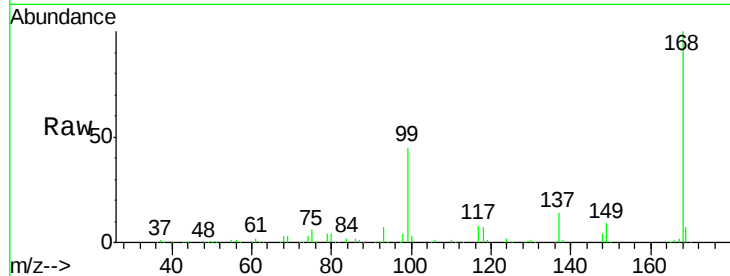
ST008MW026-180507

Tot Ion:168 Resp: 294003

Ion Ratio Lower Upper

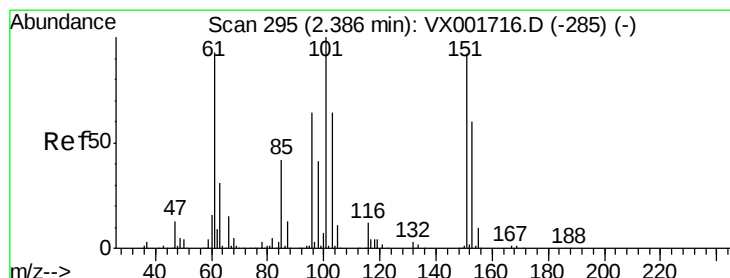
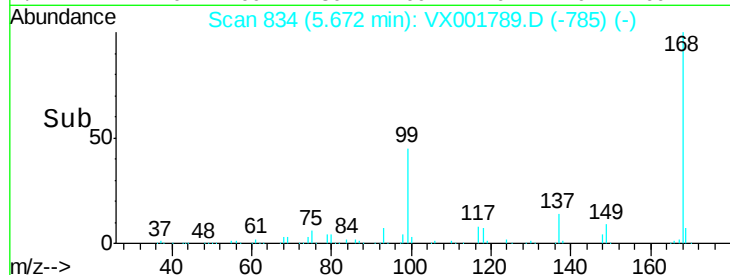
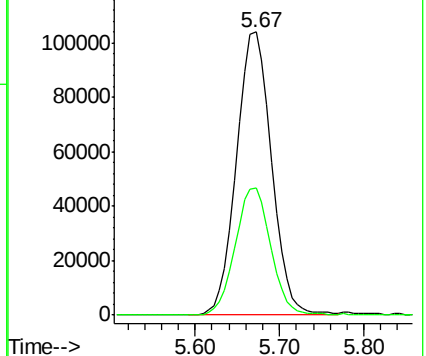
168 100

99 45.1 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.85 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001789.D

Acq: 17 May 2018 14:39

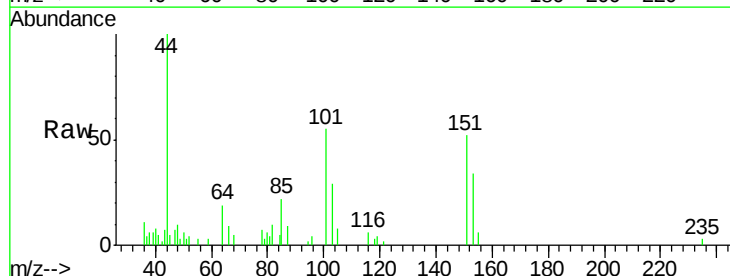
Tgt Ion:101 Resp: 2554

Ion Ratio Lower Upper

101 100

85 40.9 33.7 50.5

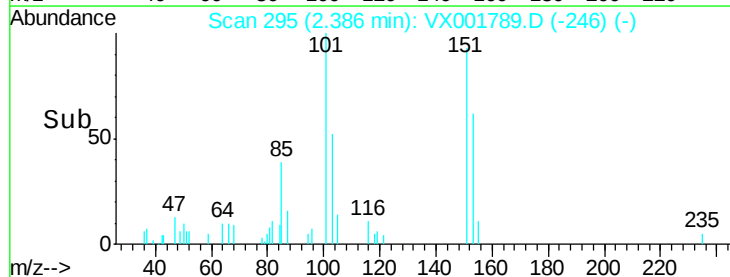
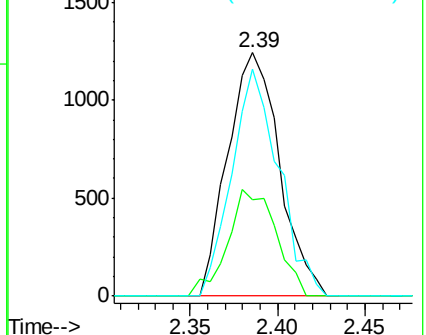
151 84.7 73.0 109.6

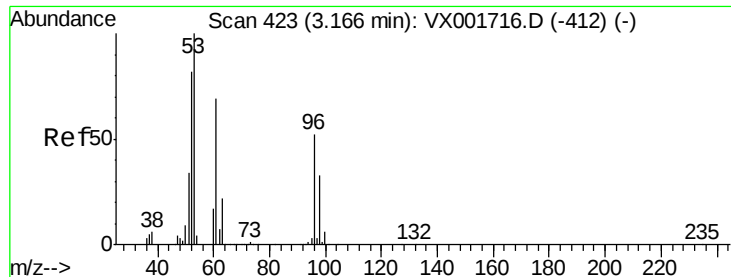


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#21

trans-1,2-Dichloroethene

Concen: 0.25 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001789.D

Acq: 17 May 2018 14:39

Instrument :

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ST008MW026-180507

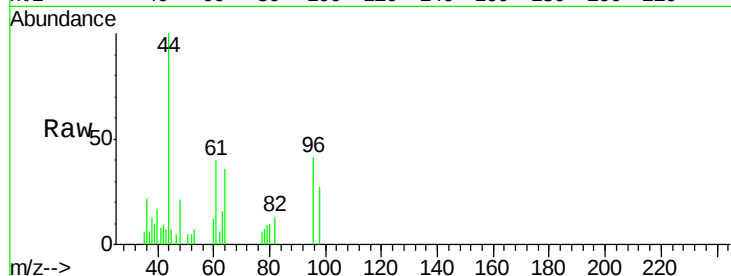
Tot Ion: 96 Resp: 791

Ion Ratio Lower Upper

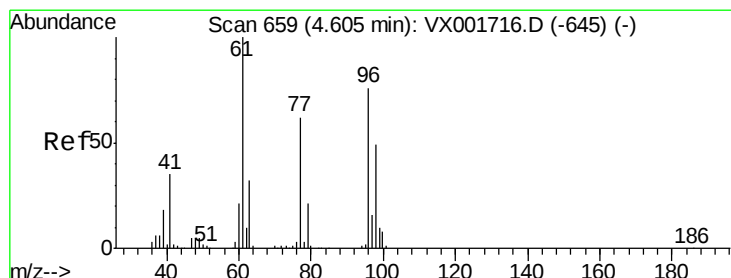
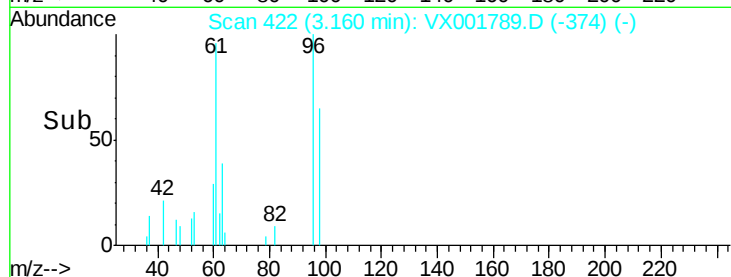
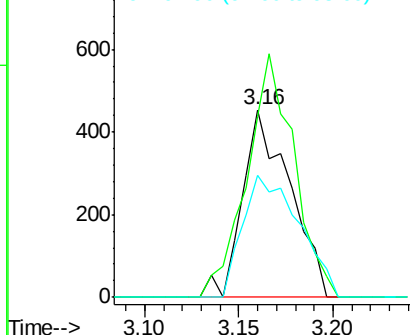
96 100

61 96.5 105.8 158.8#

98 65.2 50.2 75.4



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



#27

cis-1,2-Dichloroethene

Concen: 18.23 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001789.D

Acq: 17 May 2018 14:39

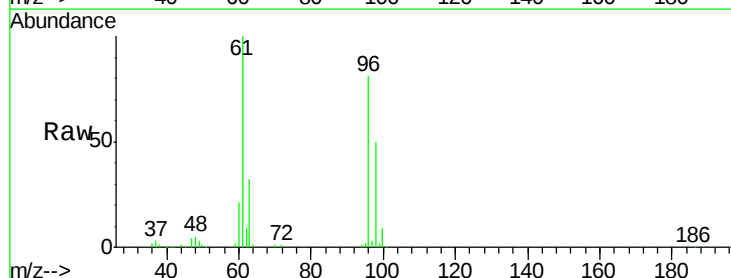
Tgt Ion: 96 Resp: 66418

Ion Ratio Lower Upper

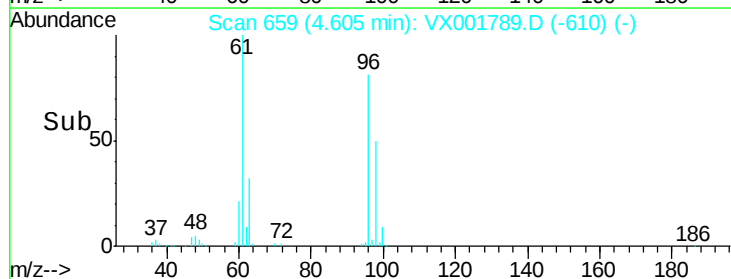
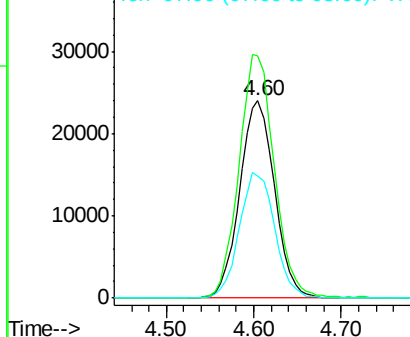
96 100

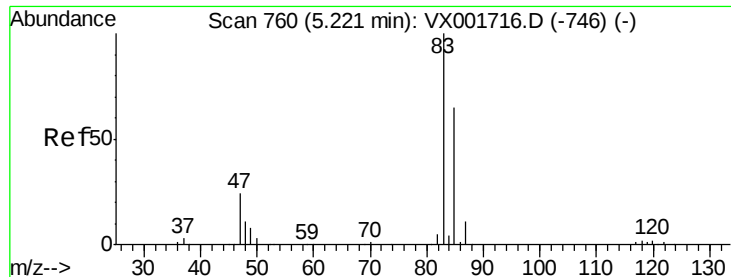
61 126.0 0.0 280.4

98 64.6 0.0 128.4



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

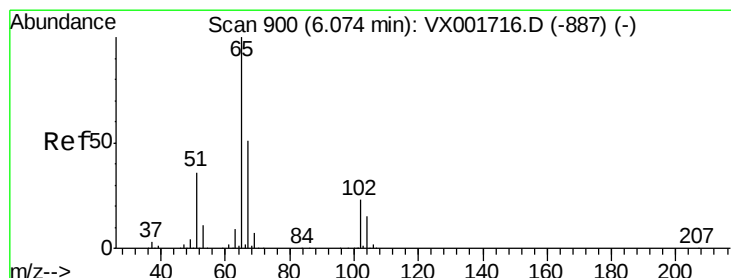
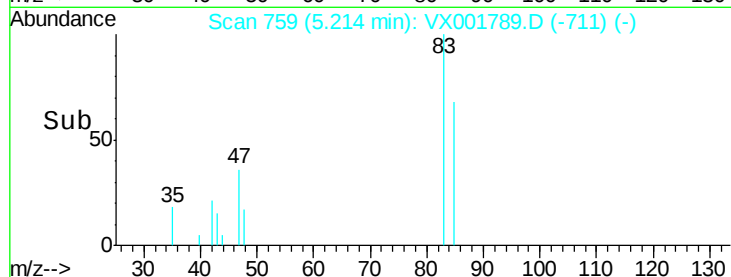
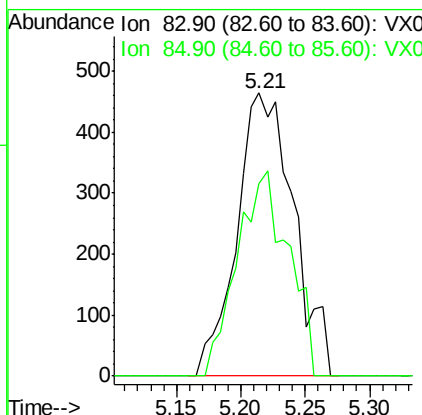
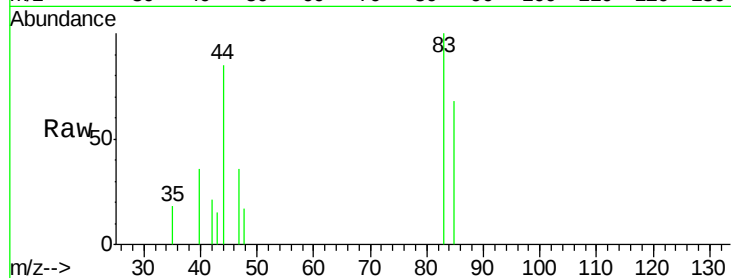




#30
Chloroform
Concen: 0.24 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX001789.D
Acq: 17 May 2018 14:39

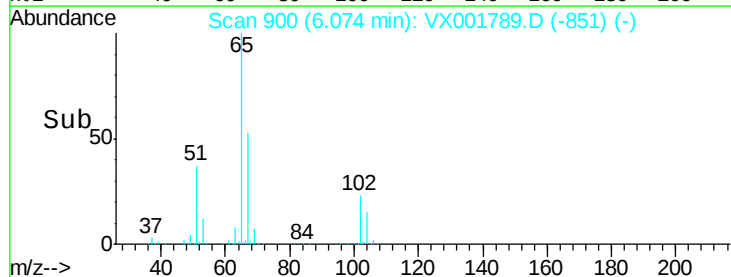
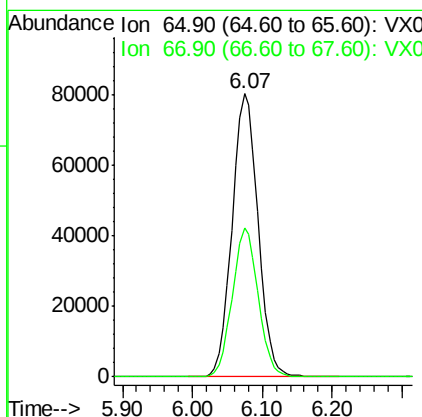
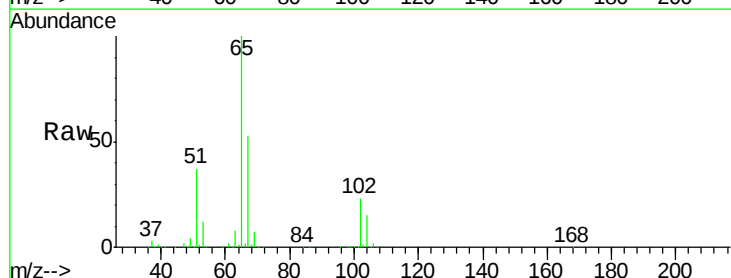
Instrument :
MSVOA_X
ClientSampleId :
ST008MW026-180507

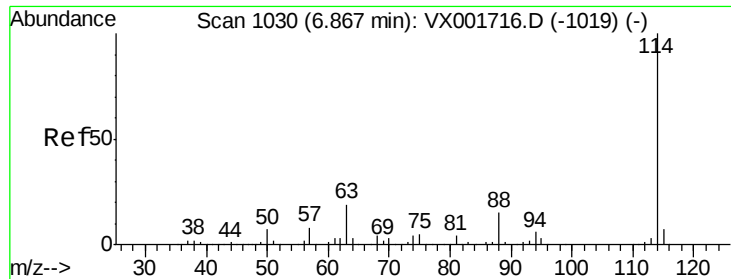
Tot Ion: 83 Resp: 1420
Ion Ratio Lower Upper
83 100
85 67.9 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 52.71 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001789.D
Acq: 17 May 2018 14:39

Tgt Ion: 65 Resp: 207706
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.8

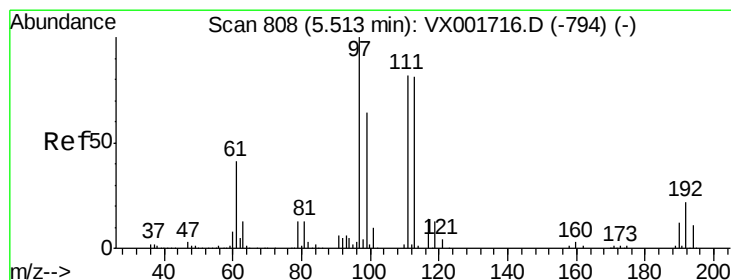
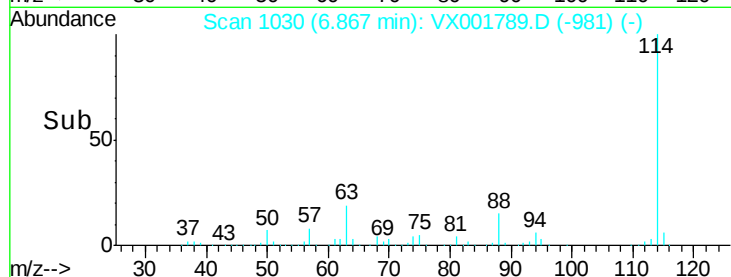
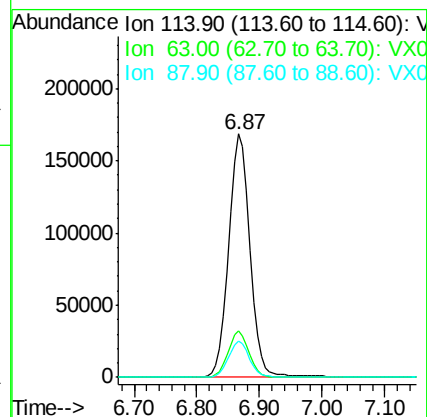
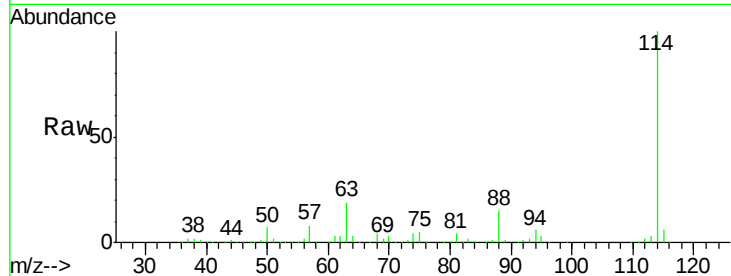




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001789.D
 Acq: 17 May 2018 14:39

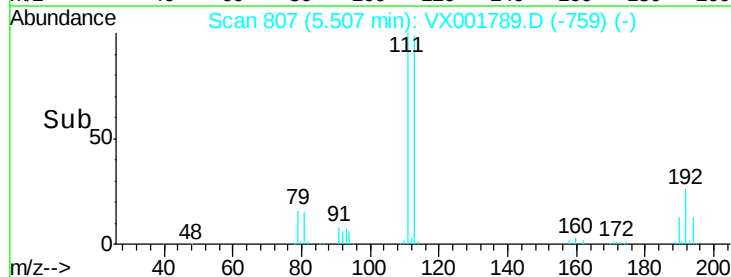
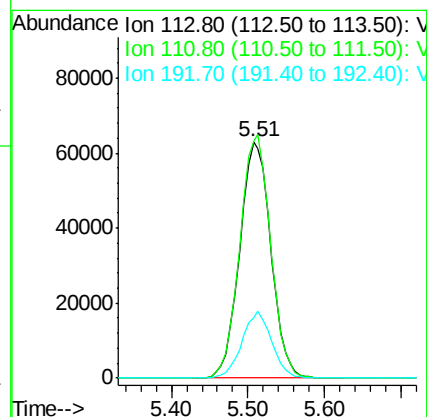
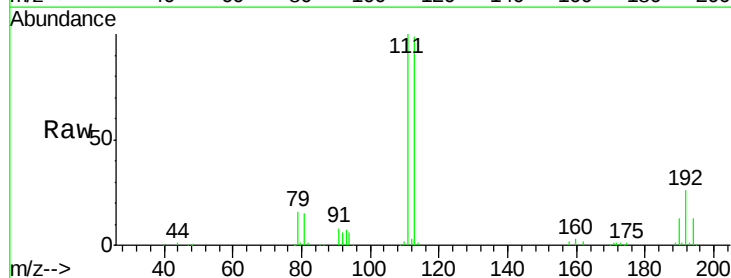
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW026-180507

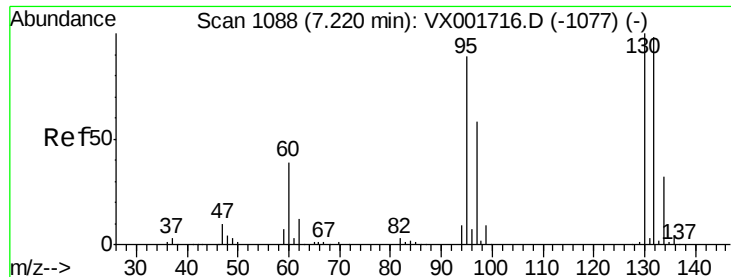
Tot Ion:114 Resp: 397444
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.0
 88 14.8 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 53.04 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001789.D
 Acq: 17 May 2018 14:39

Tgt Ion:113 Resp: 177884
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 27.0 21.6 32.4





#44

Trichloroethene

Concen: 4.08 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001789.D

Acq: 17 May 2018 14:39

Instrument :

MSVOA_X

ClientSampleId :

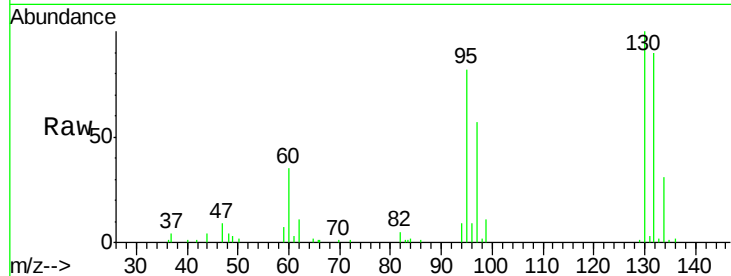
ST008MW026-180507

Tot Ion:130 Resp: 17074

Ion Ratio Lower Upper

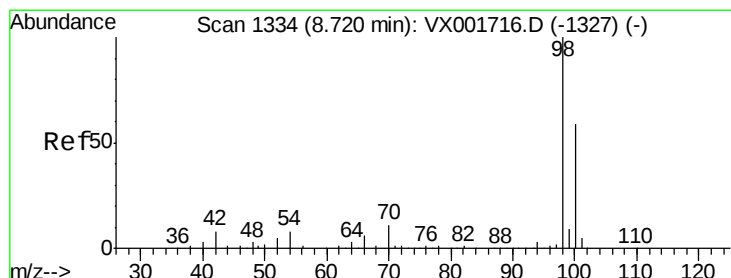
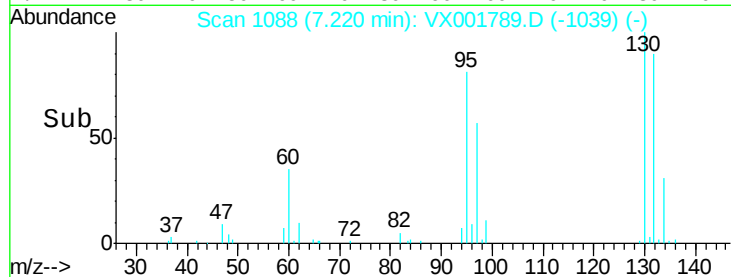
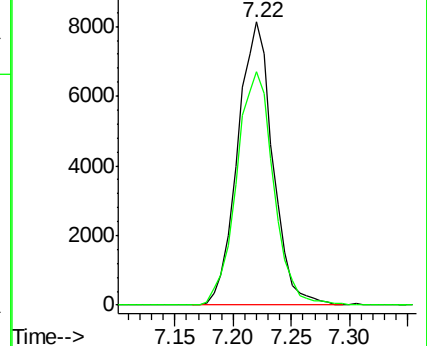
130 100

95 82.4 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.88 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001789.D

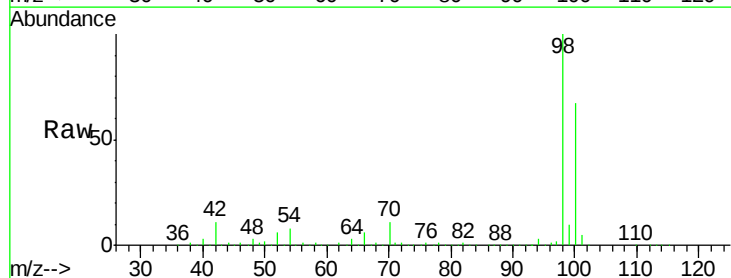
Acq: 17 May 2018 14:39

Tgt Ion: 98 Resp: 623182

Ion Ratio Lower Upper

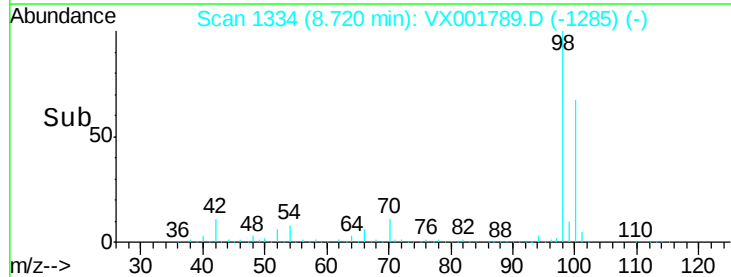
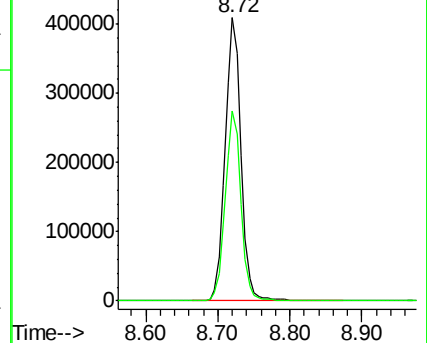
98 100

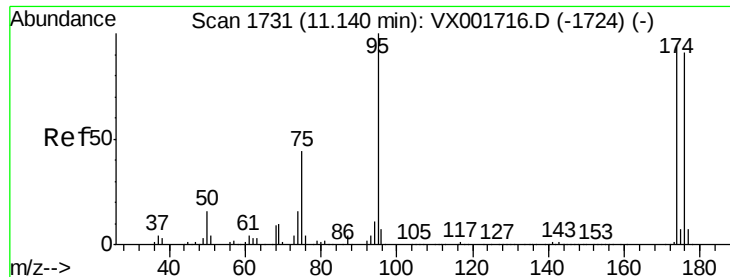
100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 41.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001789.D

Acq: 17 May 2018 14:39

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ClientSampleId :

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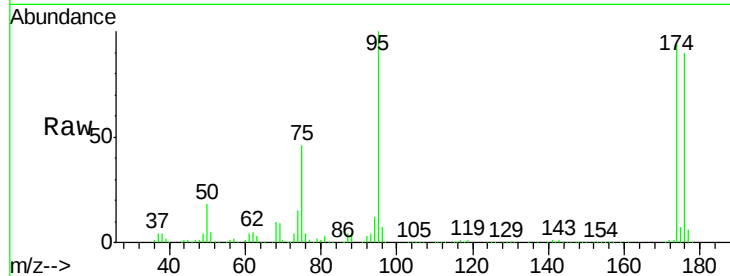
Tot Ion: 95 Resp: 178840

Ion Ratio Lower Upper

95 100

174 102.0 0.0 201.8

176 98.3 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX001789.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001789.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001789.D (-1682) (-)

11.14

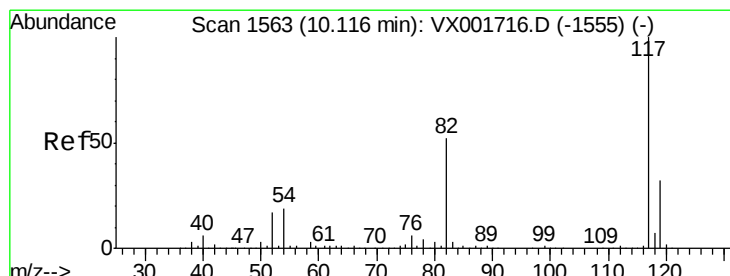
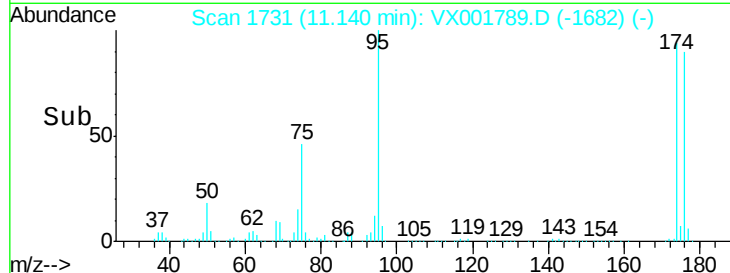
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX001789.D

Acq: 17 May 2018 14:39

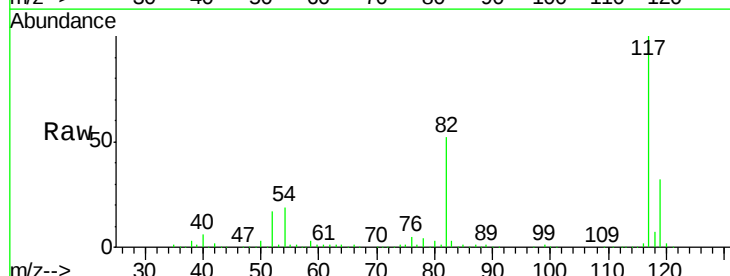
Tgt Ion: 117 Resp: 320087

Ion Ratio Lower Upper

117 100

82 52.1 41.4 62.2

119 32.0 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VX001789.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX001789.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX001789.D (-1514) (-)

10.12

300000

250000

200000

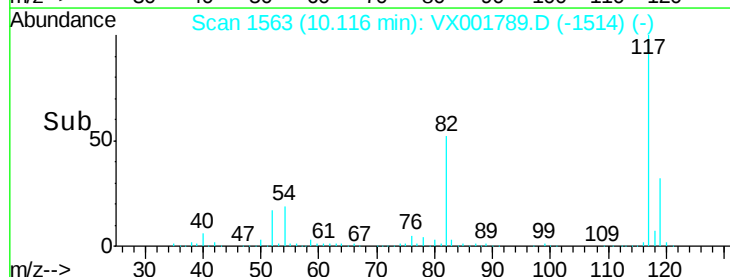
150000

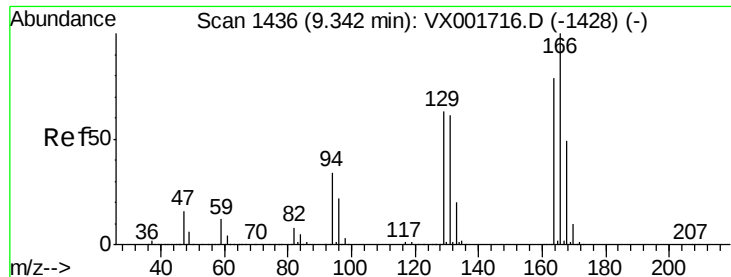
100000

50000

0

Time-->





#64

Tetrachloroethene

Concen: 65.34 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001789.D

Acq: 17 May 2018 14:39

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion:164 Resp: 272271

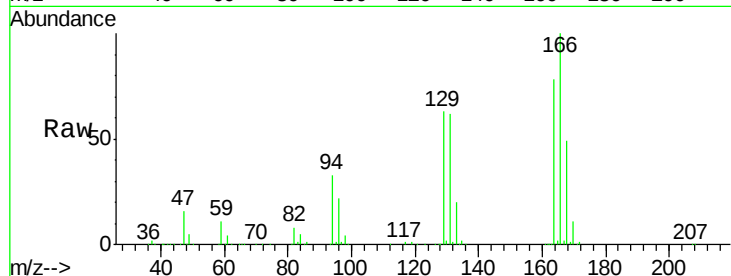
Ion Ratio Lower Upper

164 100

166 127.4 101.8 152.8

129 80.8 63.8 95.6

131 79.1 62.2 93.2

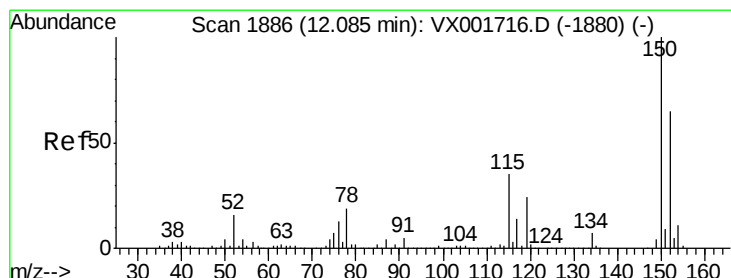
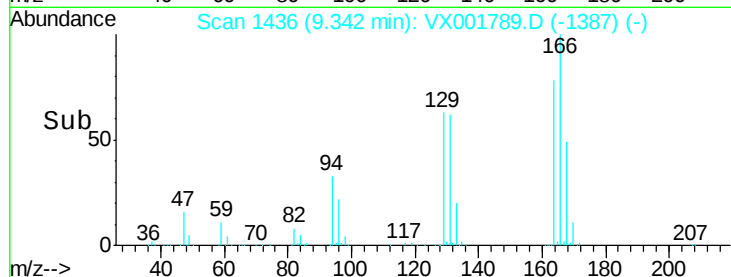
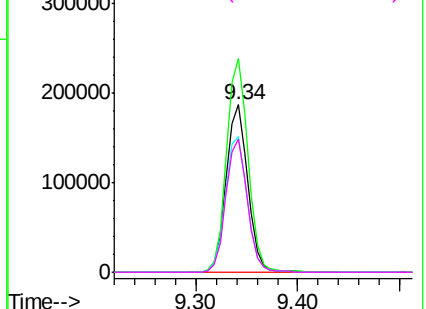


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001789.D

Acq: 17 May 2018 14:39

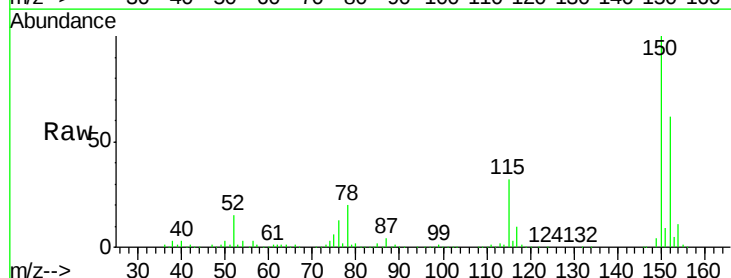
Tgt Ion:152 Resp: 159836

Ion Ratio Lower Upper

152 100

115 51.5 37.4 112.2

150 157.6 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

