

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001796.D
 Acq On : 17 May 2018 17:47
 Operator : JC/MD
 Sample : J2853-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW305-180507

Quant Time: May 18 04:47:14 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

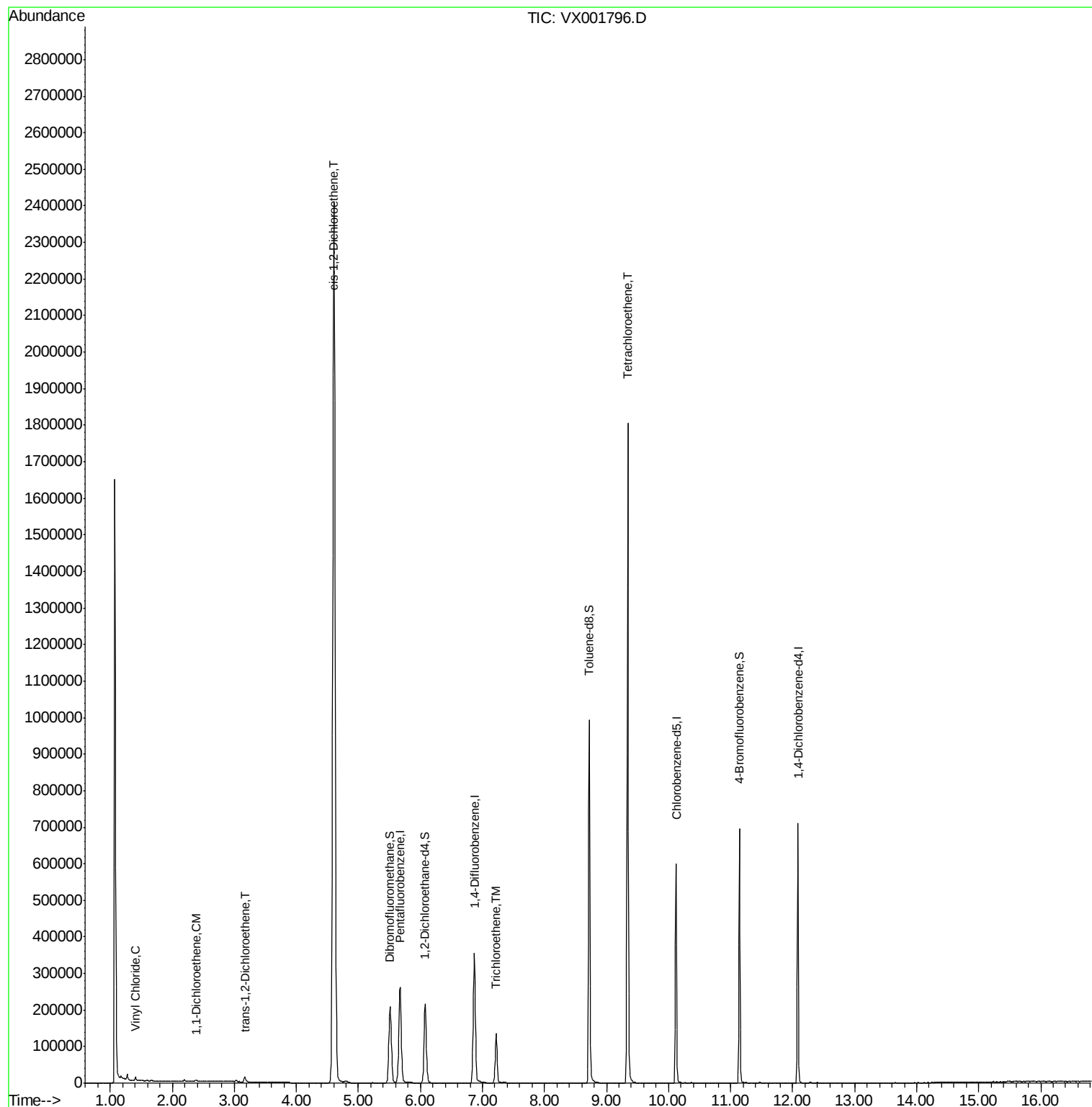
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	283524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380931	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	202722	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
35) Dibromofluoromethane	5.51	113	174385	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
50) Toluene-d8	8.72	98	604319	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.14	95	177240	42.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.52%	
Target Compounds						
4) Vinyl Chloride	1.40	62	6355	1.91	ug/l	97
12) 1,1-Dichloroethene	2.37	96	721	0.26	ug/l #	70
21) trans-1,2-Dichloroethene	3.17	96	5495	1.78	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	1594570	453.92	ug/l	89
44) Trichloroethene	7.22	130	56300	14.04	ug/l	98
64) Tetrachloroethene	9.34	164	393695	99.77	ug/l	98

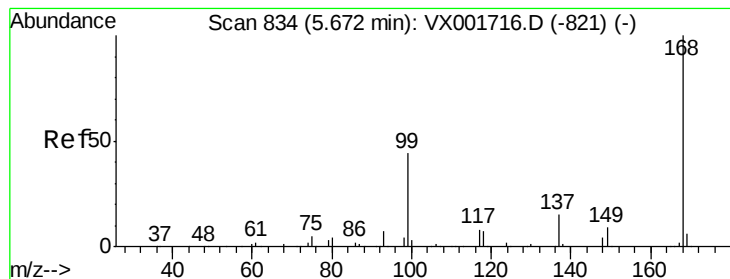
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001796.D

Acq: 17 May 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

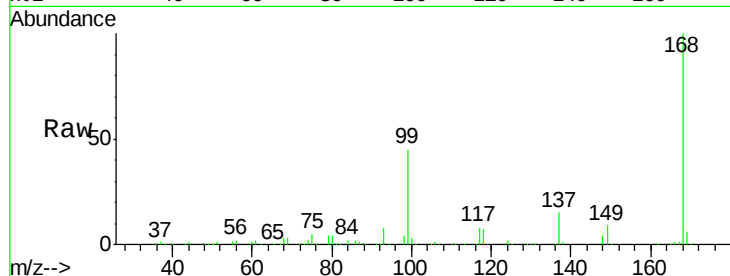
ST008MW305-180507

Tot Ion:168 Resp: 283524

Ion Ratio Lower Upper

168 100

99 44.6 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

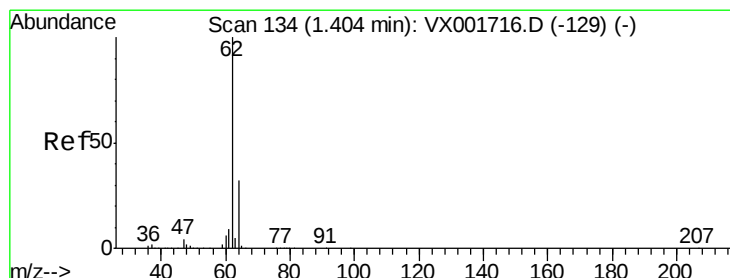
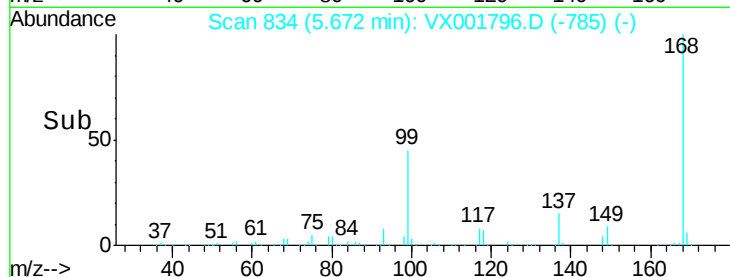
20000

0

5.67

5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 1.91 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001796.D

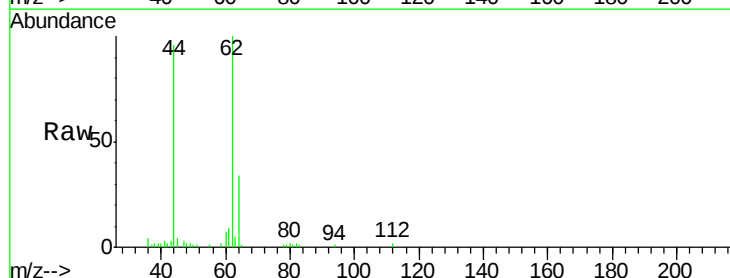
Acq: 17 May 2018 17:47

Tgt Ion: 62 Resp: 6355

Ion Ratio Lower Upper

62 100

64 33.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

6000

4000

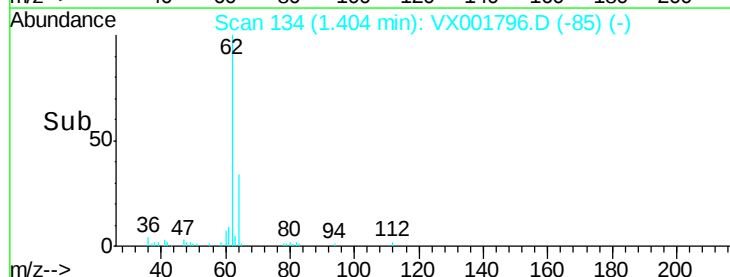
2000

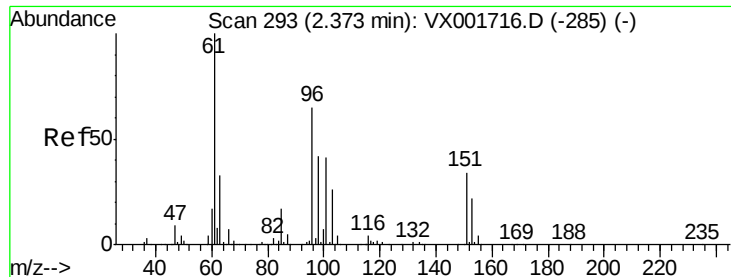
0

1.40

1.35 1.40 1.45

Time-->





#12

1,1-Dichloroethene

Concen: 0.26 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001796.D

Acq: 17 May 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

ST008MW305-180507

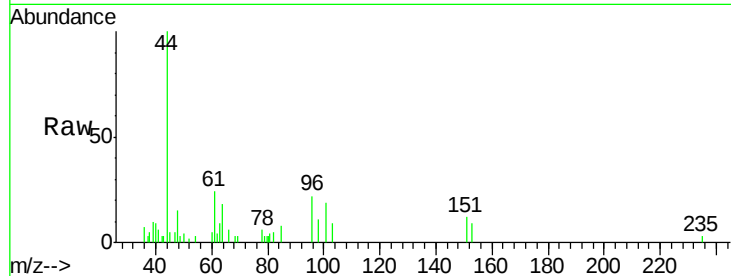
Tot Ion: 96 Resp: 721

Ion Ratio Lower Upper

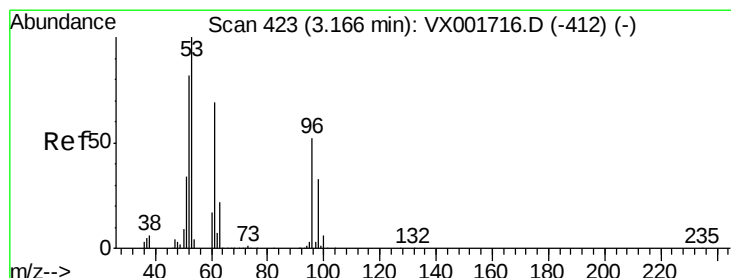
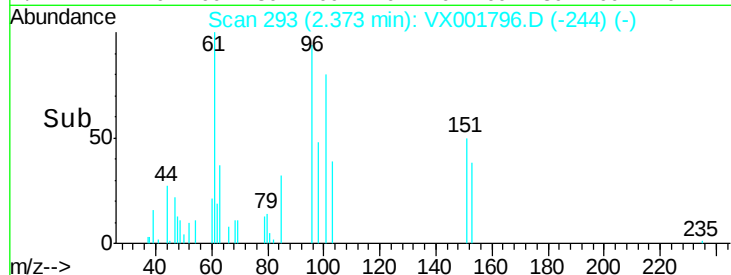
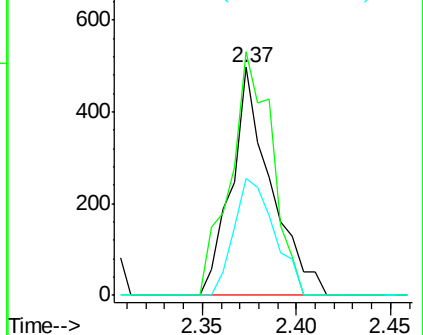
96 100

61 106.8 122.2 183.2#

98 51.3 51.4 77.0#



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



#21

trans-1,2-Dichloroethene

Concen: 1.78 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001796.D

Acq: 17 May 2018 17:47

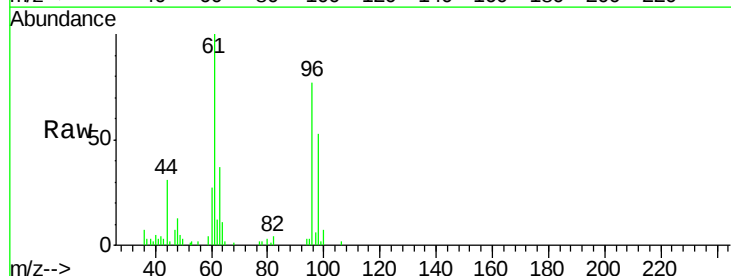
Tgt Ion: 96 Resp: 5495

Ion Ratio Lower Upper

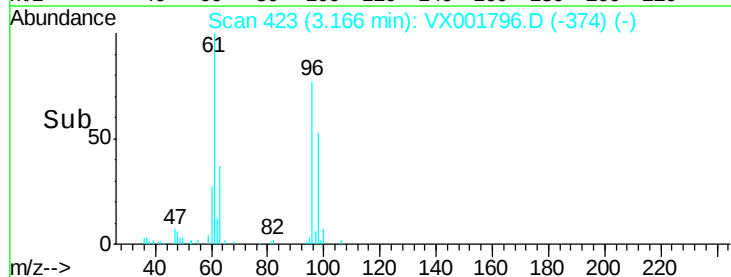
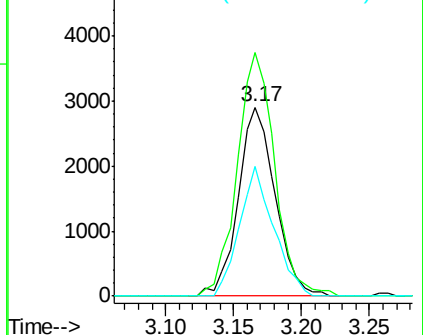
96 100

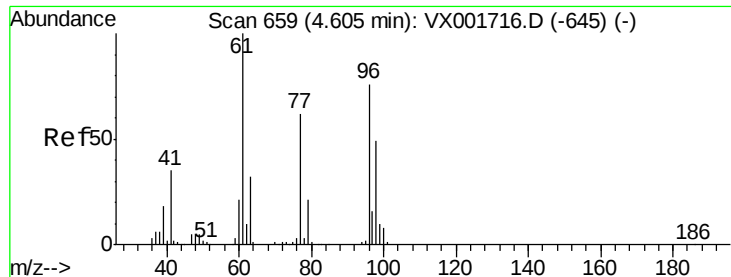
61 129.1 105.8 158.8

98 68.9 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



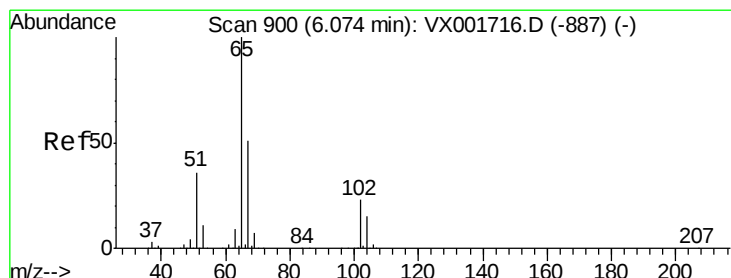
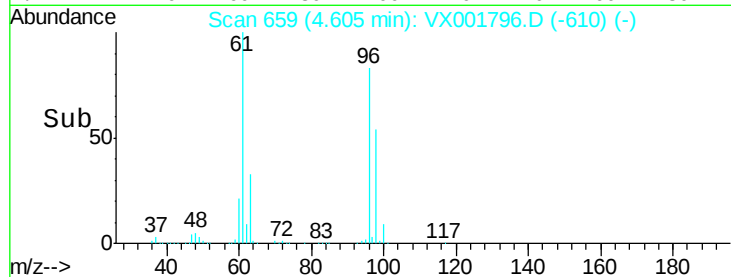
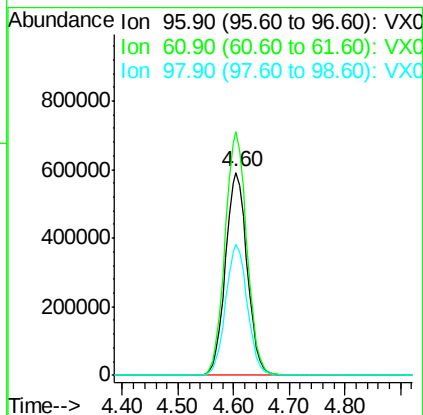
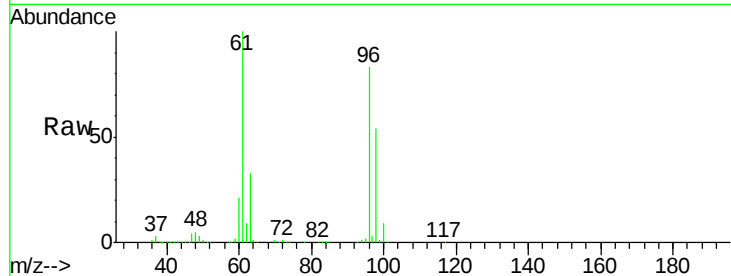


#27

cis-1,2-Dichloroethene
 Concen: 453.92 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001796.D
 Acq: 17 May 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW305-180507

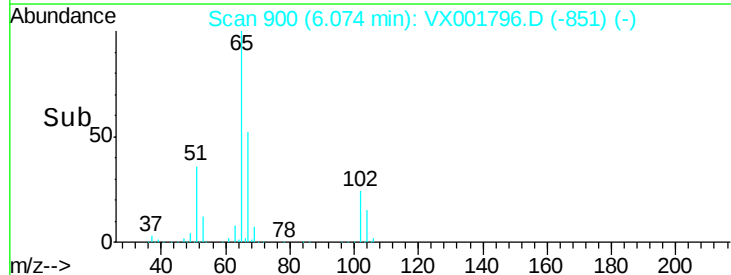
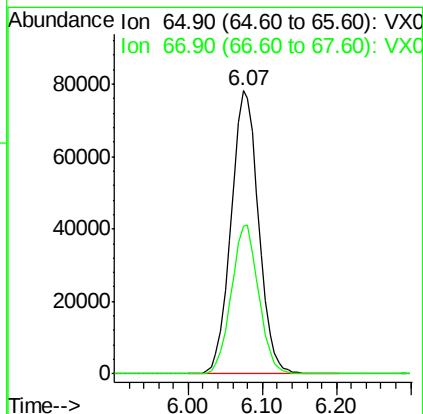
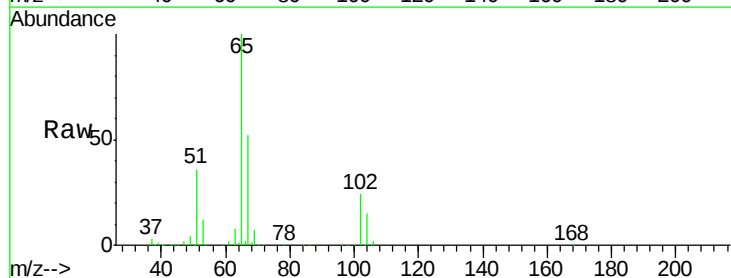
Tot Ion: 96 Resp: 1594570
 Ion Ratio Lower Upper
 96 100
 61 120.7 0.0 280.4
 98 64.7 0.0 128.4

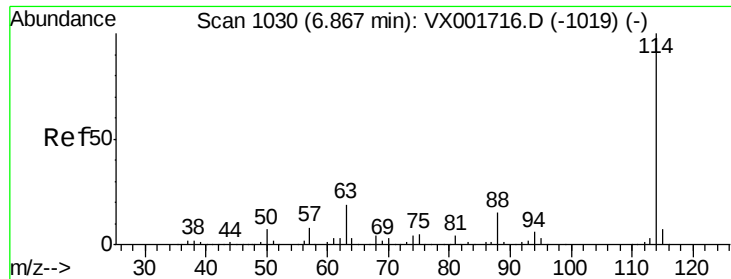


#33

1,2-Dichloroethane-d4
 Concen: 53.34 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001796.D
 Acq: 17 May 2018 17:47

Tgt Ion: 65 Resp: 202722
 Ion Ratio Lower Upper
 65 100
 67 52.1 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: VX001796.D

Acq: 17 May 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

ST008MW305-180507

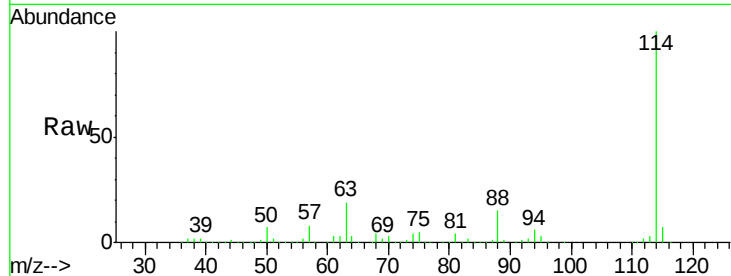
Tot Ion:114 Resp: 380931

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.0

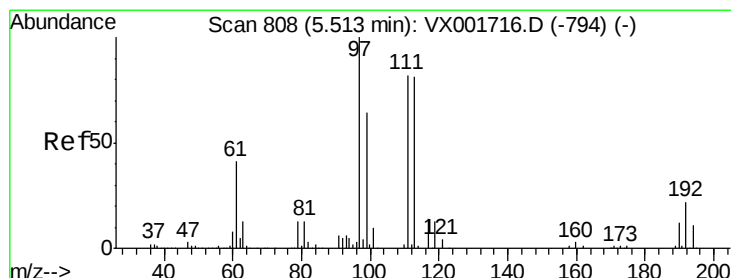
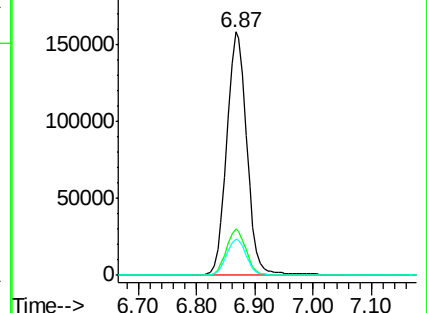
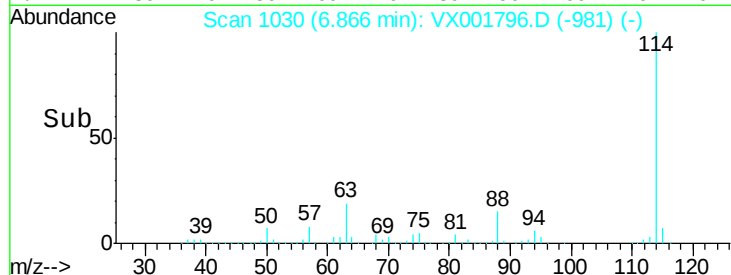
88 15.1 0.0 29.8



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: 54.25 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001796.D

Acq: 17 May 2018 17:47

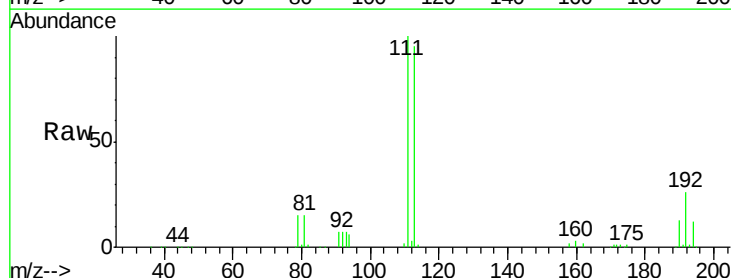
Tgt Ion:113 Resp: 174385

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

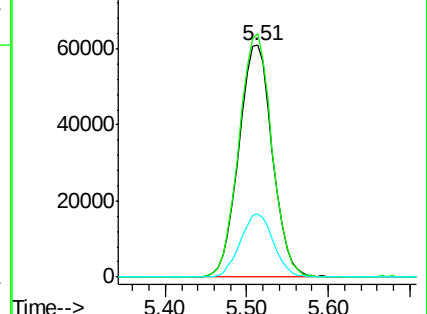
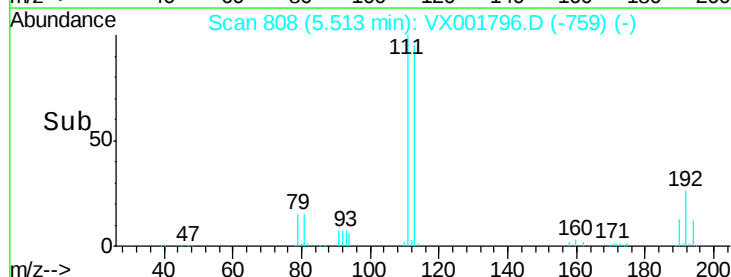
192 27.1 21.6 32.4

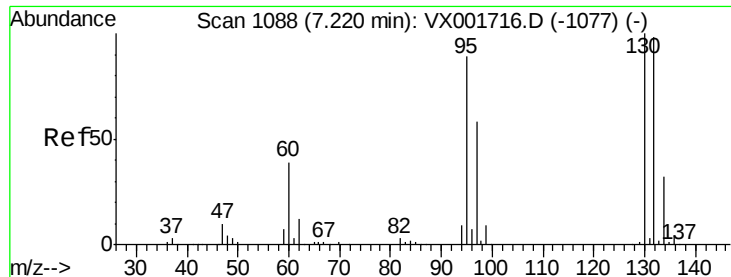


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 14.04 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001796.D

Acq: 17 May 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

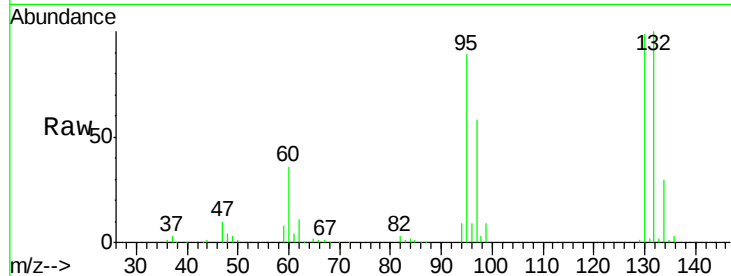
ST008MW305-180507

Tot Ion:130 Resp: 56300

Ion Ratio Lower Upper

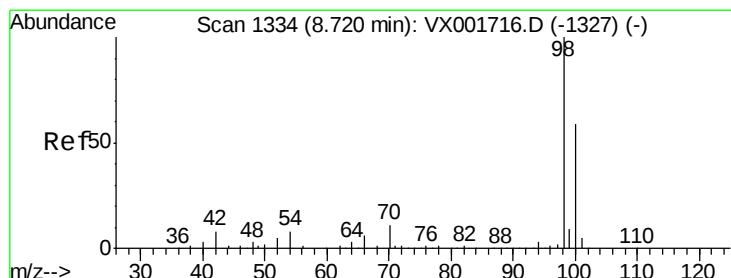
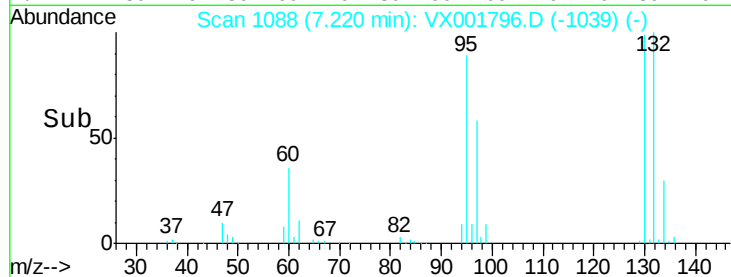
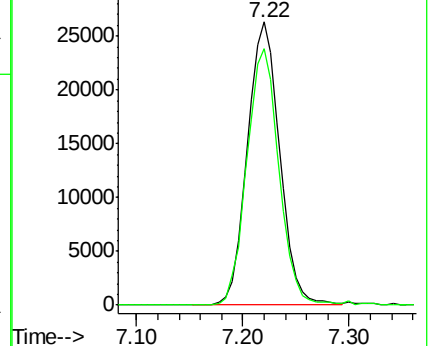
130 100

95 90.4 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: 52.49 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001796.D

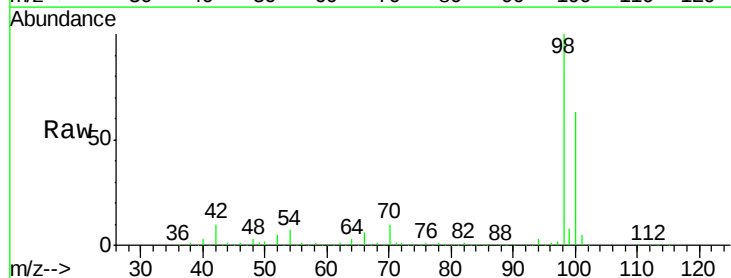
Acq: 17 May 2018 17:47

Tgt Ion: 98 Resp: 604319

Ion Ratio Lower Upper

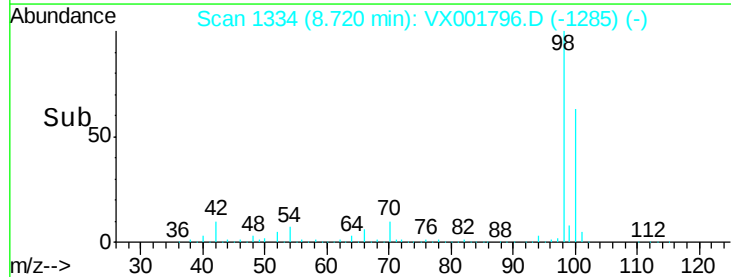
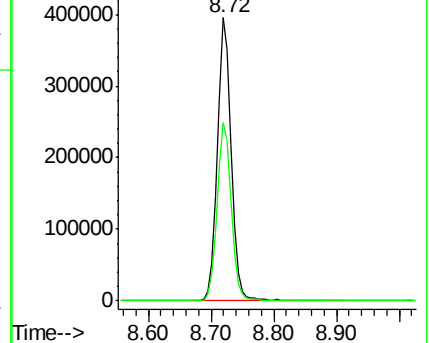
98 100

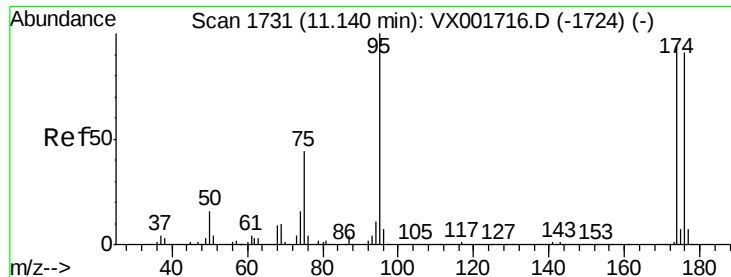
100 64.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.76 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001796.D

Acq: 17 May 2018 17:47

Instrument :

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ClientSampleId :

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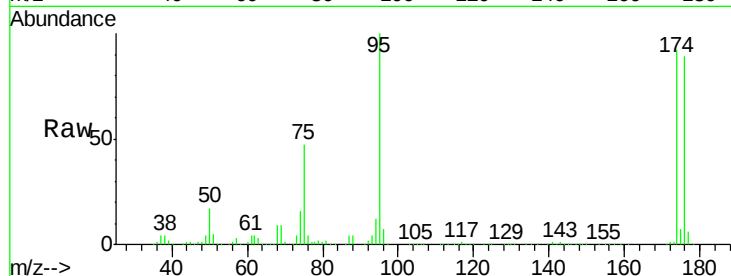
Tot Ion: 95 Resp: 177240

Ion Ratio Lower Upper

95 100

174 103.0 0.0 201.8

176 99.6 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX001716.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001716.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001716.D (-1724) (-)

11.14

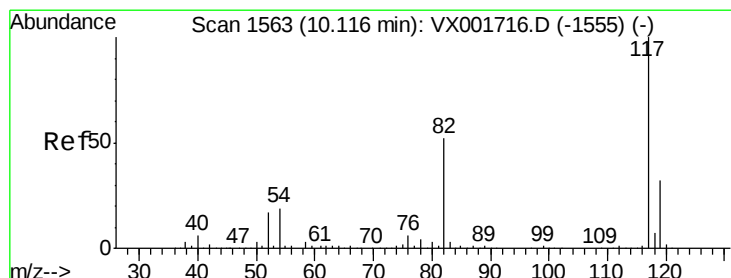
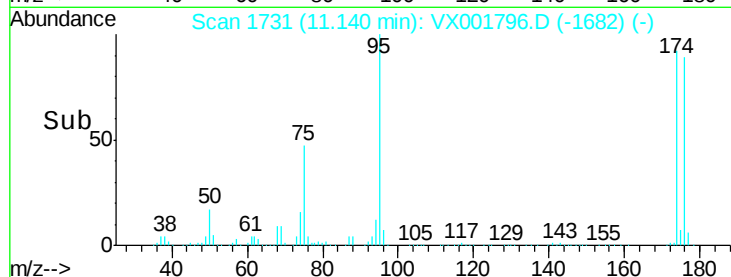
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001796.D

Acq: 17 May 2018 17:47

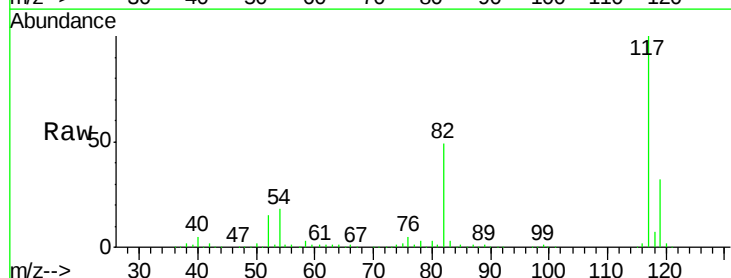
Tgt Ion: 117 Resp: 303139

Ion Ratio Lower Upper

117 100

82 49.4 41.4 62.2

119 32.4 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VX001716.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX001716.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX001716.D (-1555) (-)

10.12

300000

250000

200000

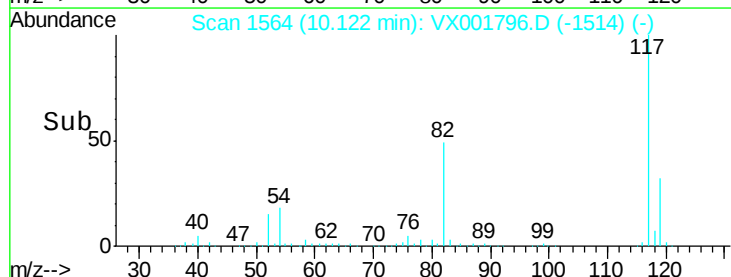
150000

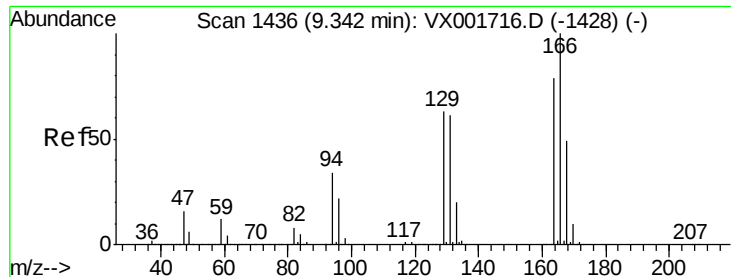
100000

50000

0

Time-->





#64

Tetrachloroethene

Concen: 99.77 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001796.D

Acq: 17 May 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

ST008MW305-180507

Tot Ion:164 Resp: 393695

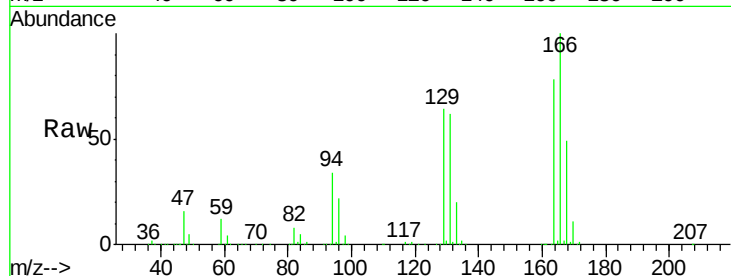
Ion Ratio Lower Upper

164 100

166 128.9 101.8 152.8

129 82.7 63.8 95.6

131 80.0 62.2 93.2

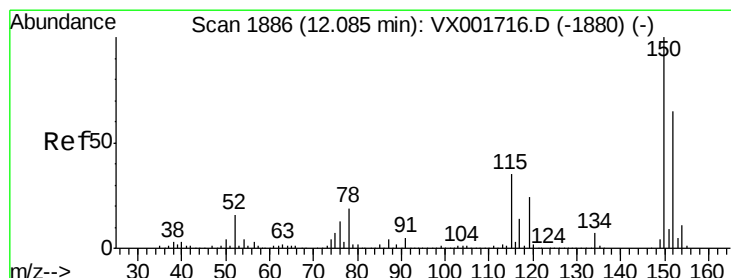
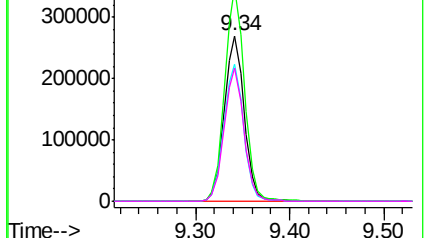
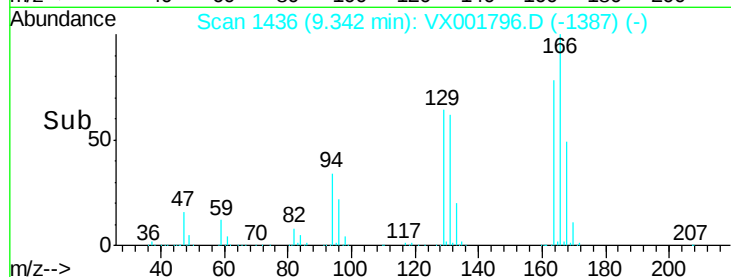


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001796.D

Acq: 17 May 2018 17:47

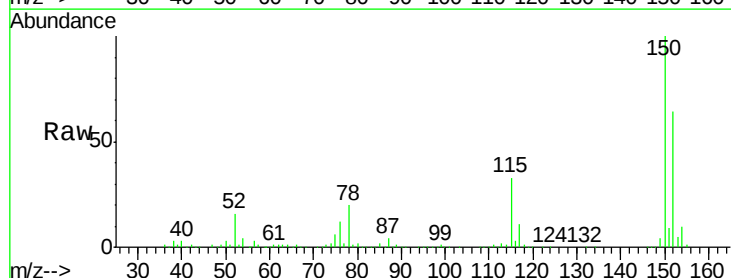
Tgt Ion:152 Resp: 154867

Ion Ratio Lower Upper

152 100

115 52.6 37.4 112.2

150 156.1 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

