

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012961.D
 Acq On : 09 Oct 2019 23:30
 Operator : JC/SP
 Sample : K5260-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7203A

Quant Time: Oct 10 07:11:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

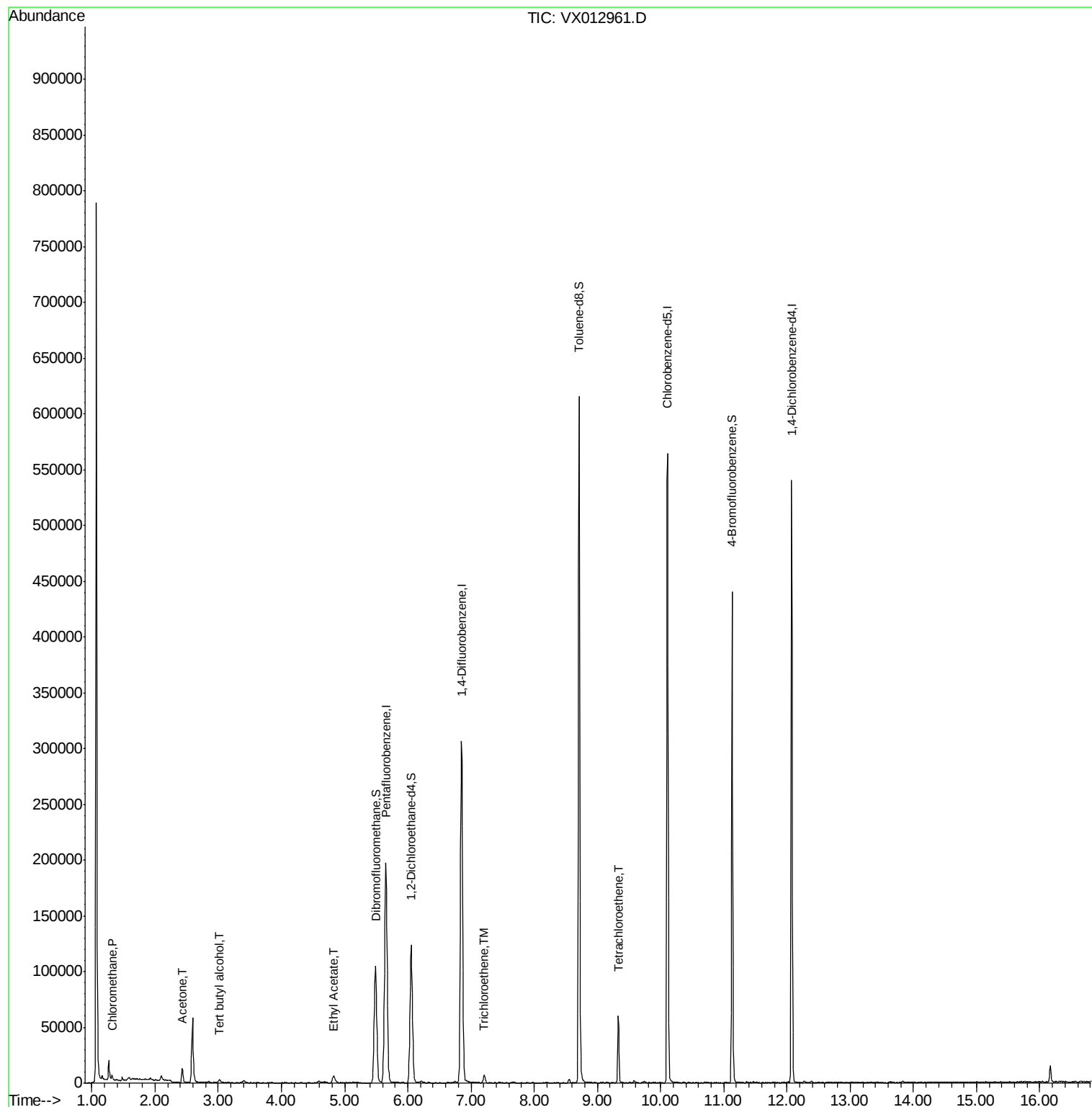
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304186	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118312	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	5.49	113	90220	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
50) Toluene-d8	8.71	98	358414	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	11.14	95	125130	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
Target Compounds						
3) Chloromethane	1.32	50	2566	1.268	ug/l	99
11) Tert butyl alcohol	3.02	59	2591	4.285	ug/l #	93
16) Acetone	2.43	43	13748	11.435	ug/l	93
37) Ethyl Acetate	4.83	43	11153	3.729	ug/l #	84
44) Trichloroethene	7.20	130	2859	1.305	ug/l	82
64) Tetrachloroethene	9.33	164	10903	5.946	ug/l	95

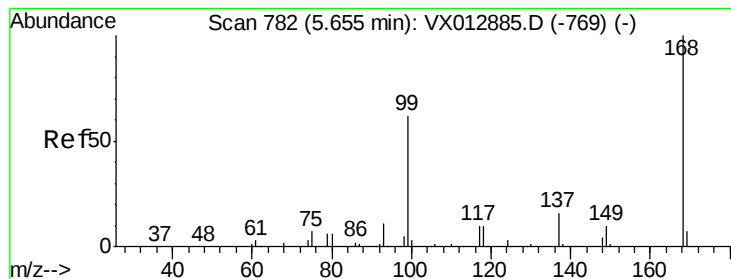
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012961.D

Acq: 09 Oct 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

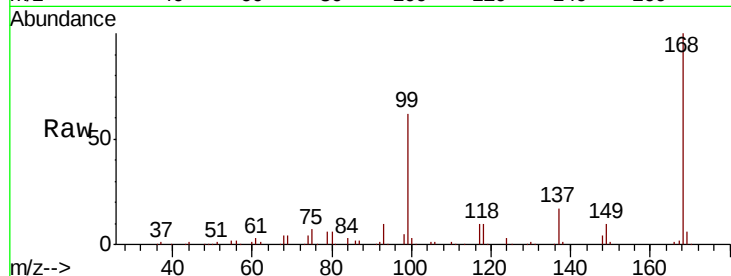
FA19-JBW7203A

Tot Ion:168 Resp: 182489

Ion Ratio Lower Upper

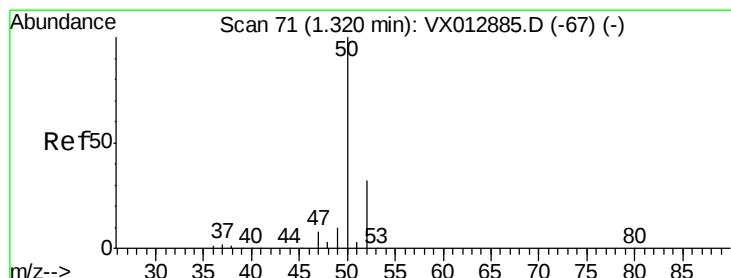
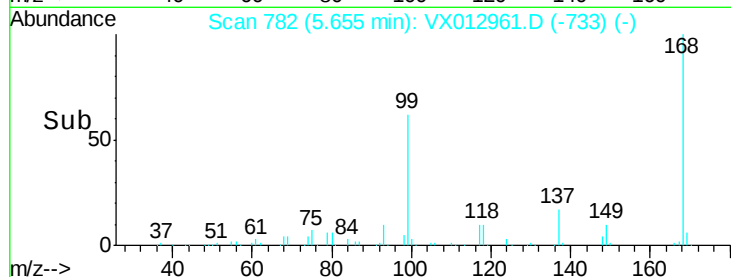
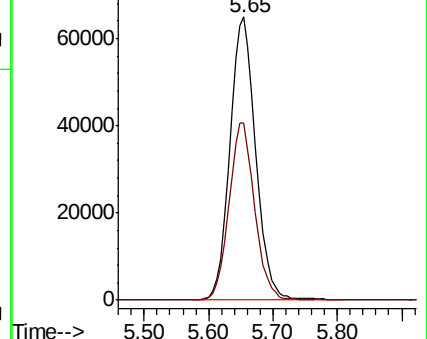
168 100

99 62.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.268 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012961.D

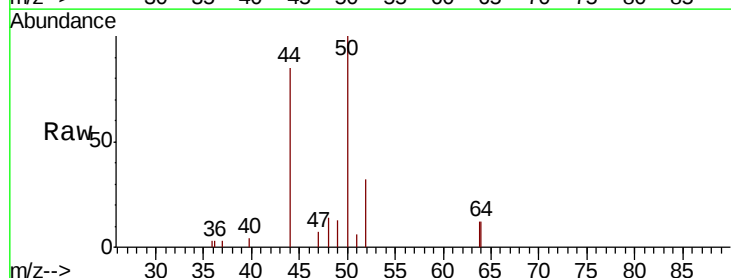
Acq: 09 Oct 2019 23:30

Tgt Ion: 50 Resp: 2566

Ion Ratio Lower Upper

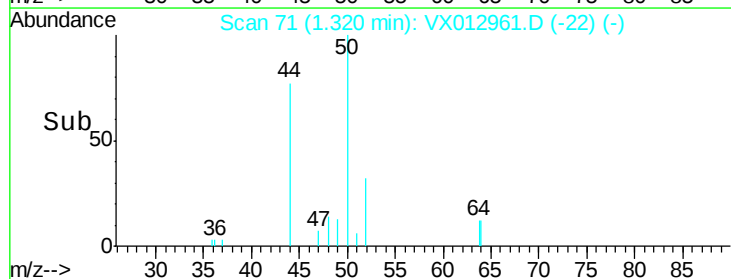
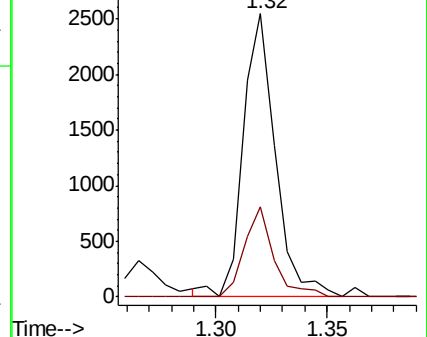
50 100

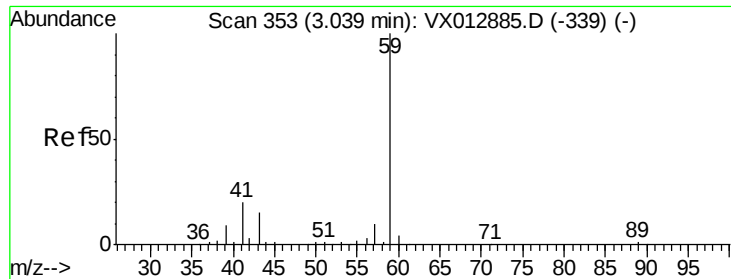
52 32.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

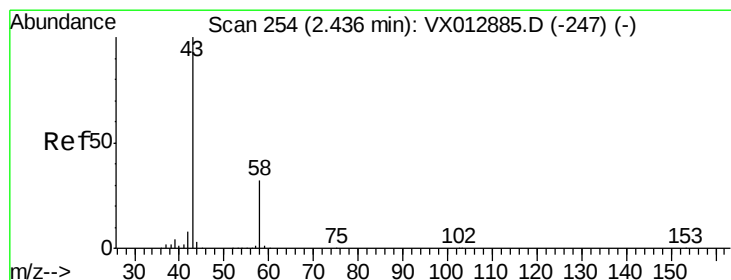
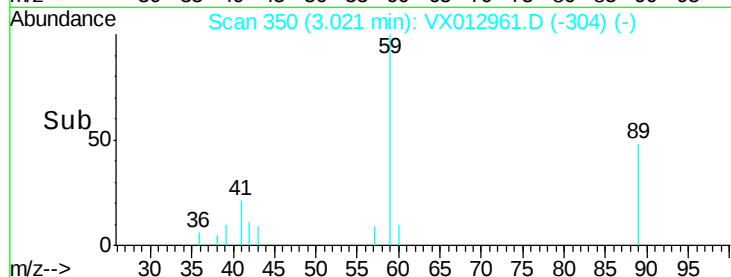
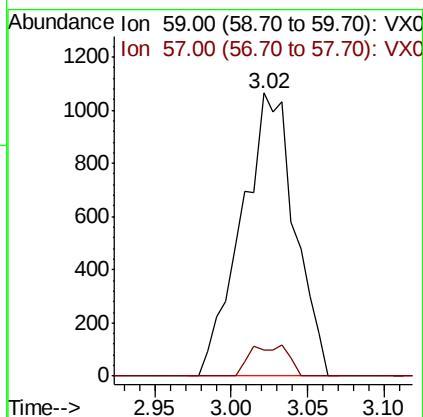
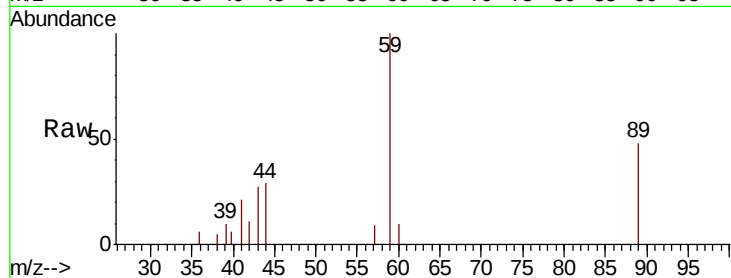




#11
Tert butyl alcohol
Concen: 4.285 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX012961.D
Acq: 09 Oct 2019 23:30

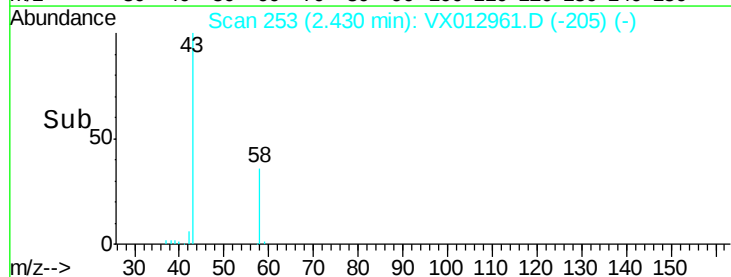
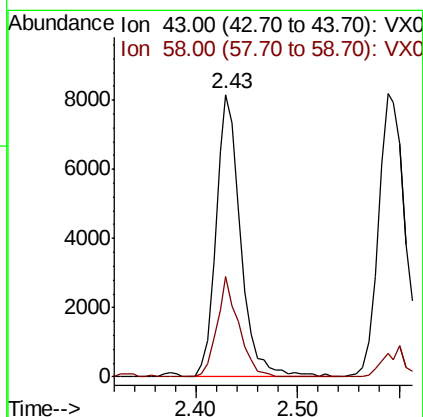
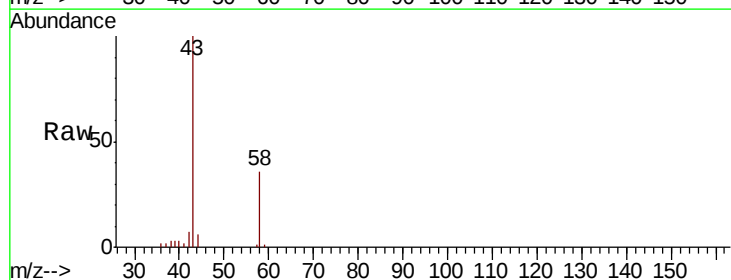
Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7203A

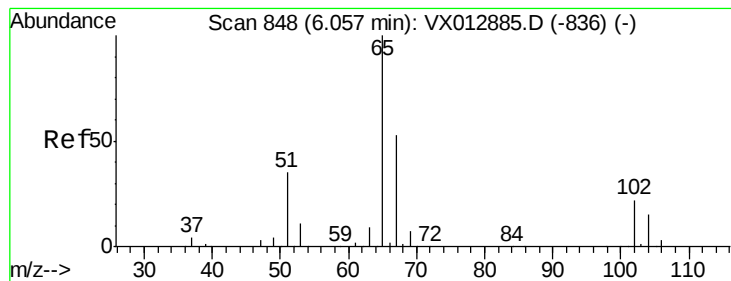
Tot Ion: 59 Resp: 2591
Ion Ratio Lower Upper
59 100
57 7.8 8.3 12.5#



#16
Acetone
Concen: 11.435 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012961.D
Acq: 09 Oct 2019 23:30

Tgt Ion: 43 Resp: 13748
Ion Ratio Lower Upper
43 100
58 35.6 25.4 38.2





#33

1,2-Dichloroethane-d4

Concen: 51.871 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012961.D

Acq: 09 Oct 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

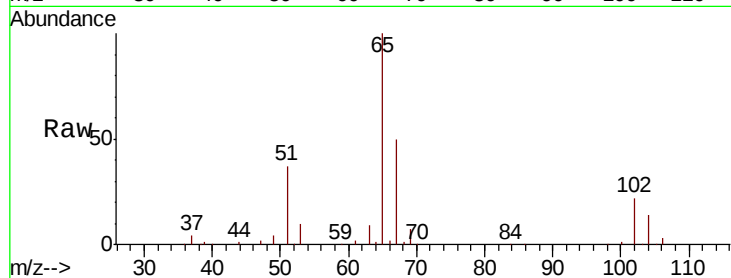
FA19-JBW7203A

Tot Ion: 65 Resp: 118312

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

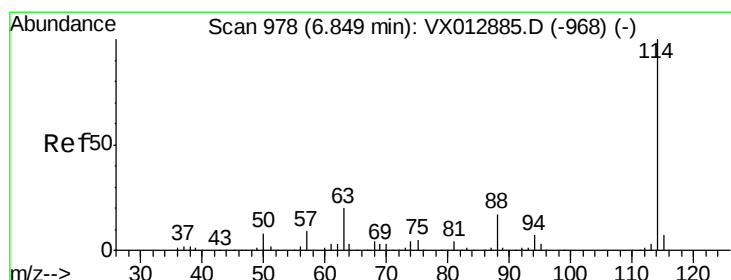
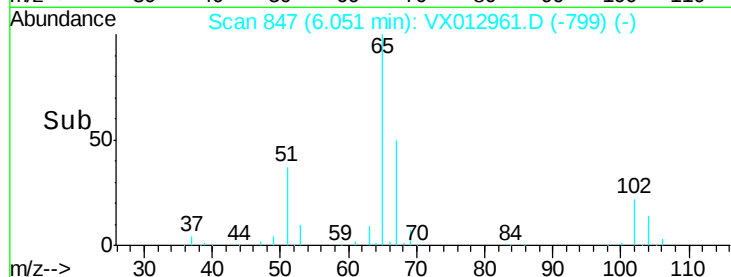
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012961.D

Acq: 09 Oct 2019 23:30

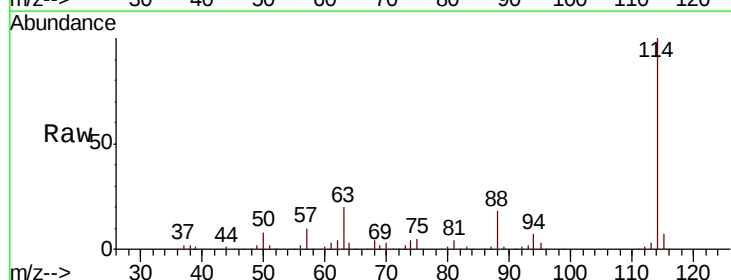
Tgt Ion: 114 Resp: 304186

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 17.6 0.0 33.8



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

6.85

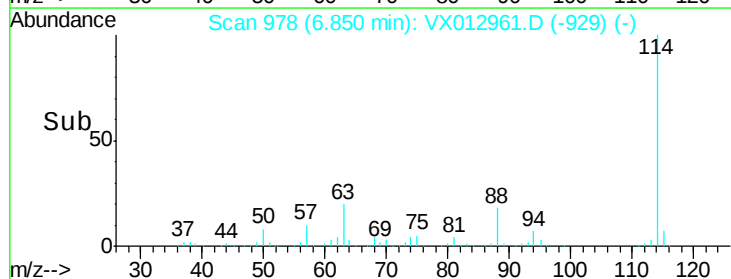
150000

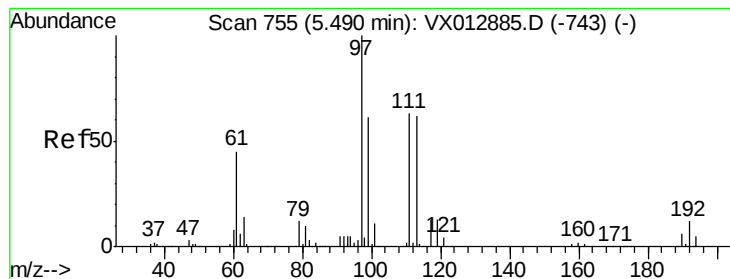
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 51.676 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012961.D

Acq: 09 Oct 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7203A

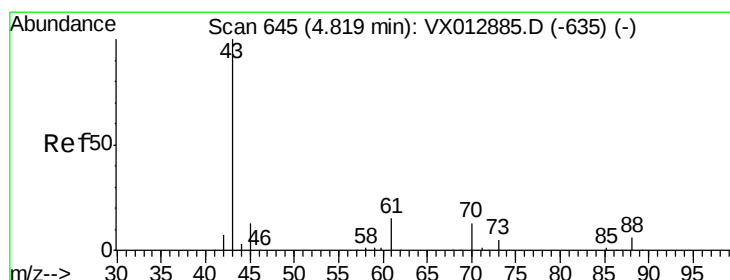
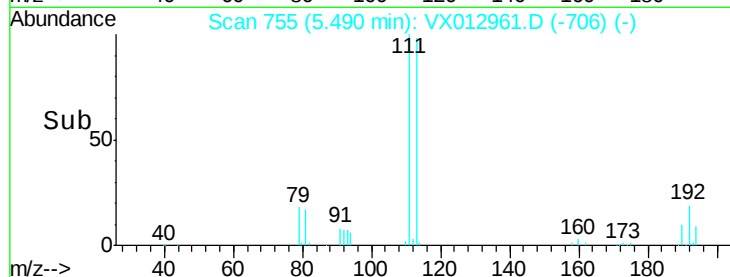
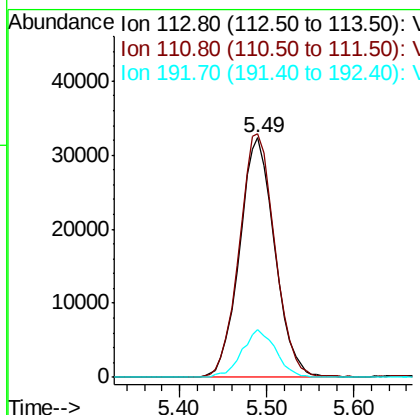
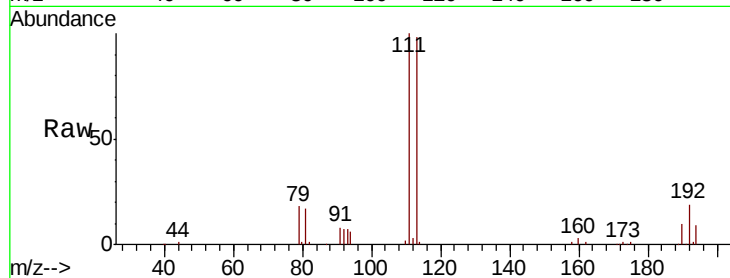
Tot Ion:113 Resp: 90220

Ion Ratio Lower Upper

113 100

111 103.4 83.2 124.8

192 19.1 15.4 23.2



#37

Ethyl Acetate

Concen: 3.729 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX012961.D

Acq: 09 Oct 2019 23:30

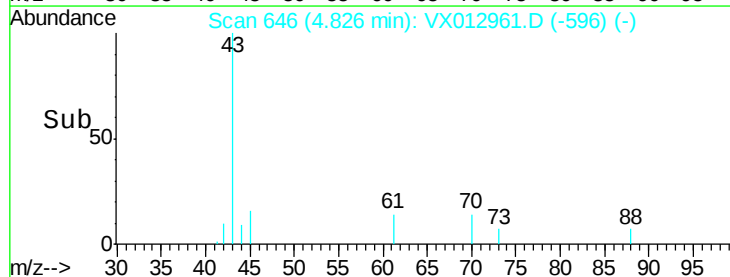
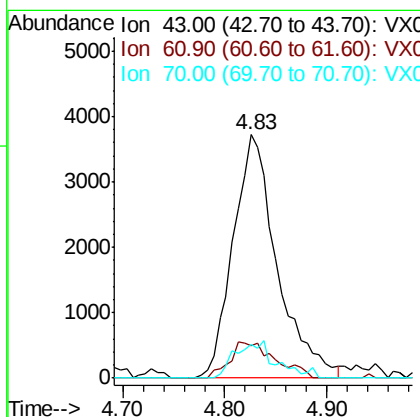
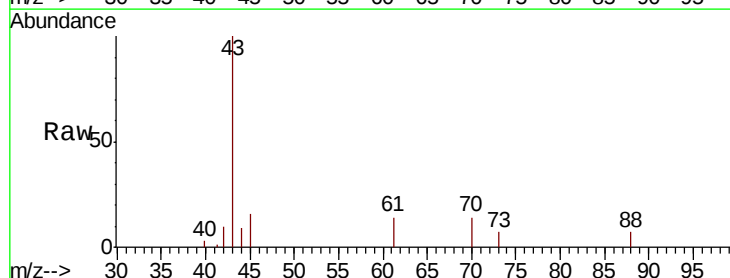
Tgt Ion: 43 Resp: 11153

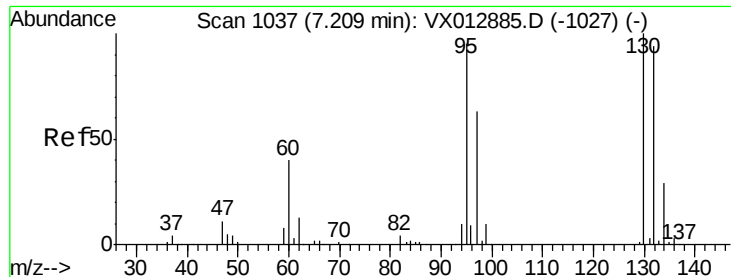
Ion Ratio Lower Upper

43 100

61 15.2 11.4 17.0

70 0.0 9.8 14.6#

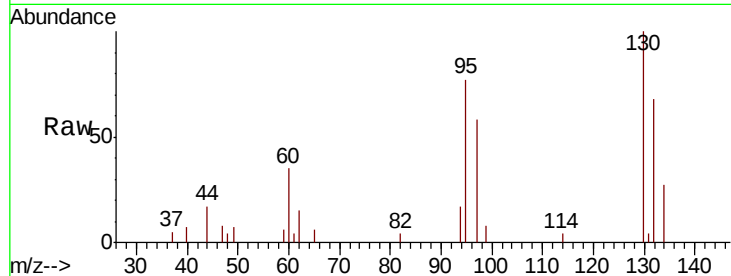




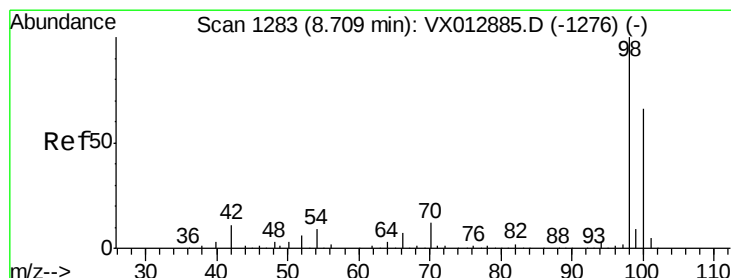
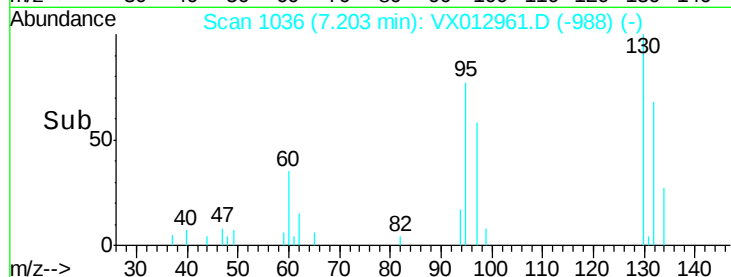
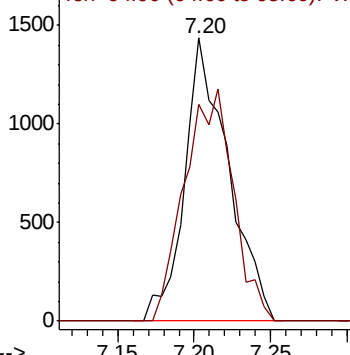
#44
 Trichloroethene
 Concen: 1.305 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012961.D
 Acq: 09 Oct 2019 23:30

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7203A

Tot Ion:130 Resp: 2859
 Ion Ratio Lower Upper
 130 100
 95 76.8 0.0 189.2

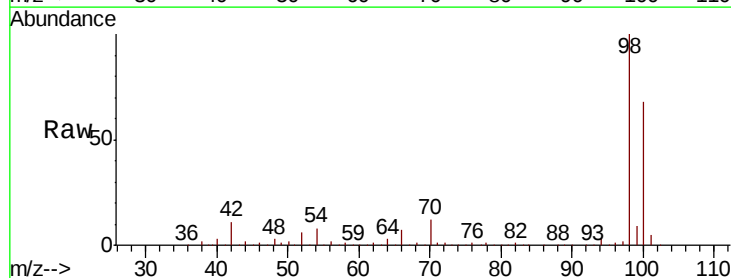


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

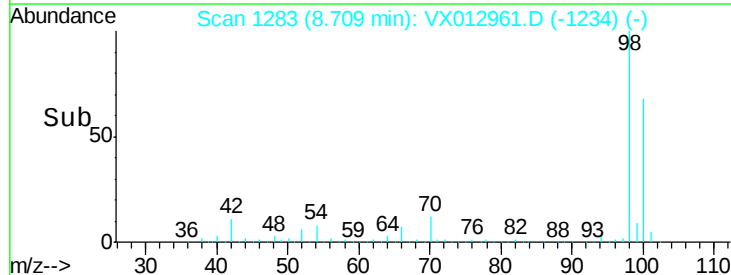
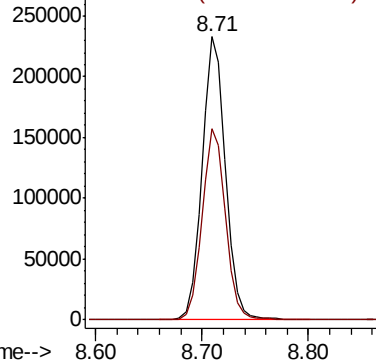


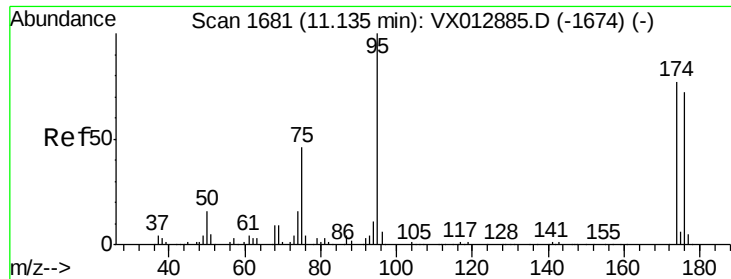
#50
 Toluene-d8
 Concen: 52.636 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012961.D
 Acq: 09 Oct 2019 23:30

Tgt Ion: 98 Resp: 358414
 Ion Ratio Lower Upper
 98 100
 100 67.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.294 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012961.D

Acq: 09 Oct 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7203A

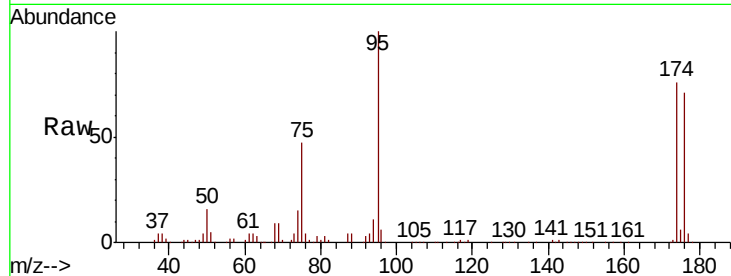
Tot Ion: 95 Resp: 125130

Ion Ratio Lower Upper

95 100

174 72.5 0.0 143.4

176 66.6 0.0 136.0



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

120000

100000

80000

60000

40000

20000

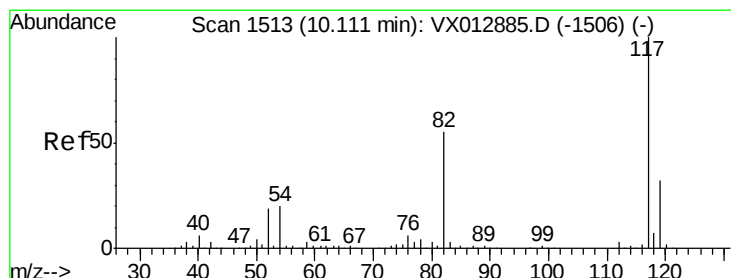
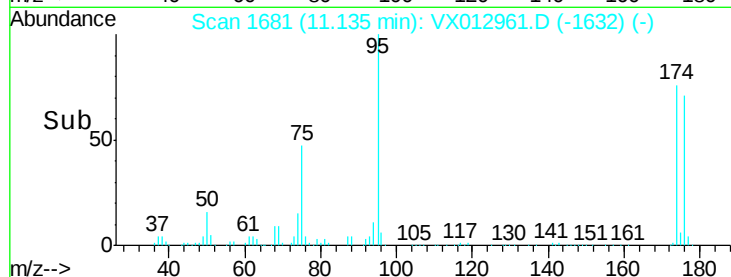
0

11.10

11.14

11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012961.D

Acq: 09 Oct 2019 23:30

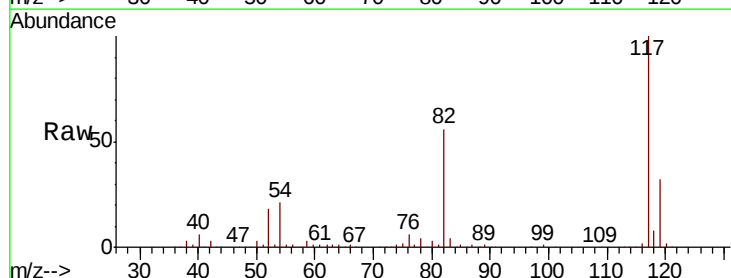
Tgt Ion: 117 Resp: 264391

Ion Ratio Lower Upper

117 100

82 56.2 44.1 66.1

119 32.4 25.8 38.8



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

250000

200000

150000

100000

50000

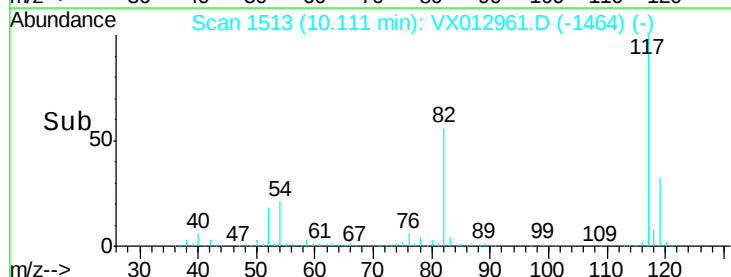
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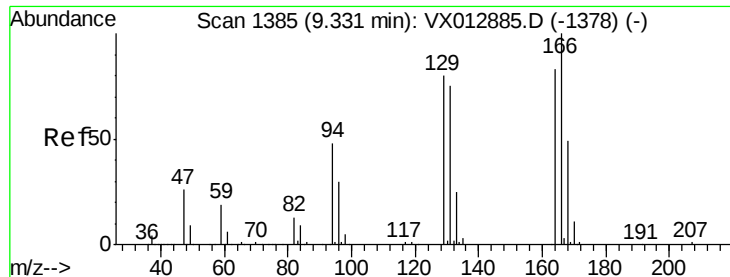
10.10

10.11

10.20

Time-->

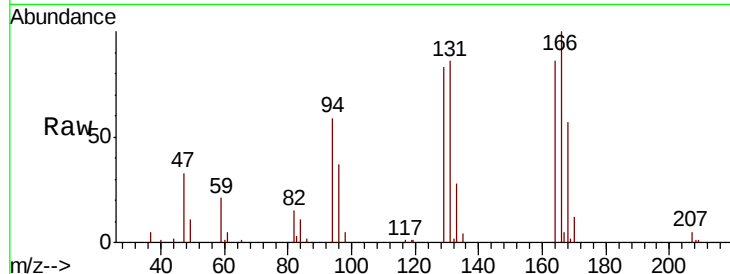




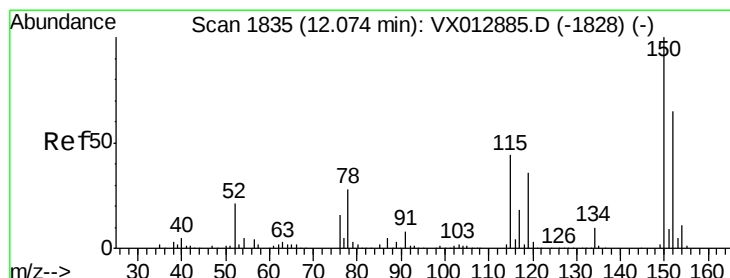
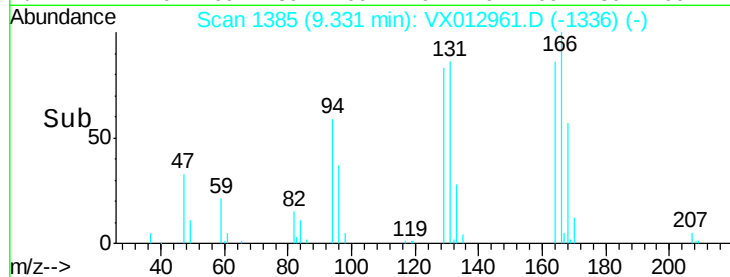
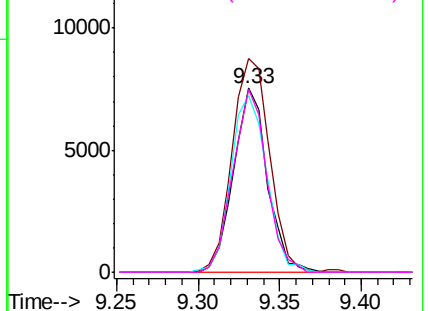
#64
Tetrachloroethene
Concen: 5.946 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012961.D
Acq: 09 Oct 2019 23:30

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7203A

Tot Ion:164 Resp: 10903
Ion Ratio Lower Upper
164 100
166 115.9 96.9 145.3
129 96.0 77.9 116.9
131 99.5 72.7 109.1

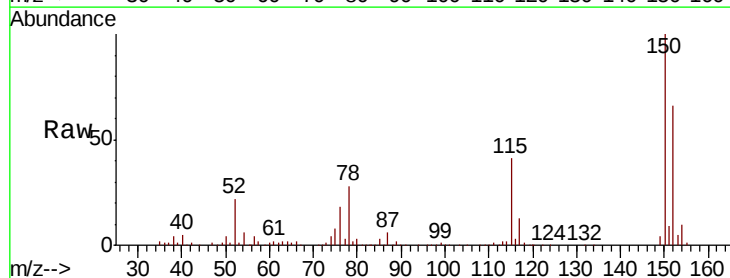


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012961.D
Acq: 09 Oct 2019 23:30

Tgt Ion:152 Resp: 105171
Ion Ratio Lower Upper
152 100
115 63.2 44.5 133.5
150 156.1 0.0 353.4



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

