

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056112.D
 Acq On : 7 Jun 2019 21:00
 Operator : JC/SP
 Sample : K3203-10DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0530-190604DL

Quant Time: Jun 08 06:51:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	339503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	514703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	485003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	160068	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	180084	53.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.84%	
35) Dibromofluoromethane	7.59	113	156589	49.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.18%	
50) Toluene-d8	10.09	98	650368	53.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.04%	
62) 4-Bromofluorobenzene	12.40	95	207180	50.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.28%	

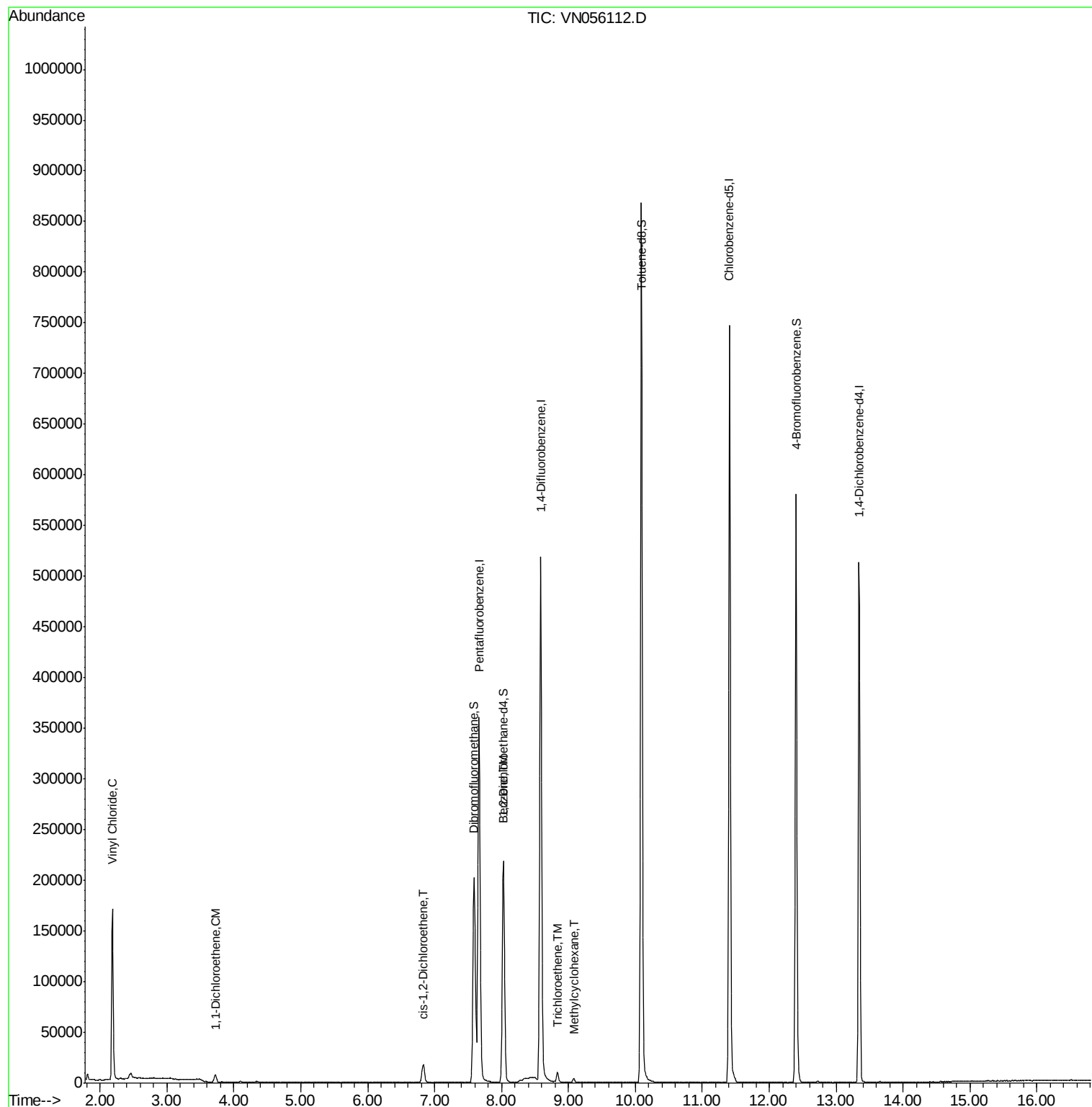
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.19	62	159484	43.202	ug/l	100
12) 1,1-Dichloroethene	3.73	96	4519	1.586	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	13159	3.666	ug/l	89
39) Methylcyclohexane	9.08	83	2019	0.366	ug/l	94
40) Benzene	8.04	78	10177	0.757	ug/l	99
44) Trichloroethene	8.83	130	4091	1.059	ug/l	97

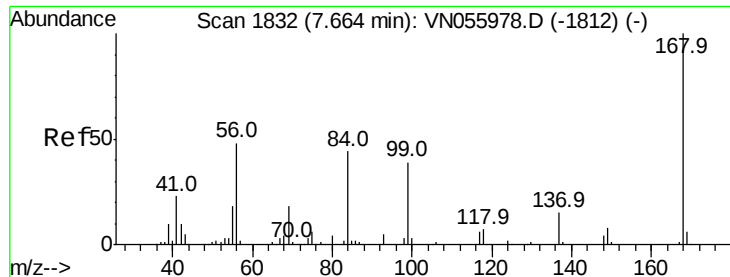
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056112.D

Acq: 7 Jun 2019 21:00

Instrument :

MSVOA_N

ClientSampleId :

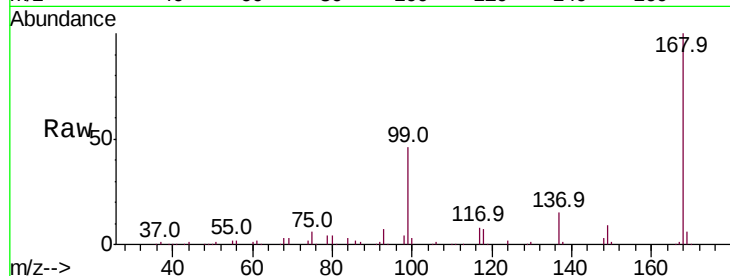
DUP-0530-190604DL

Tot Ion:168 Resp: 339503

Ion Ratio Lower Upper

168 100

99 46.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

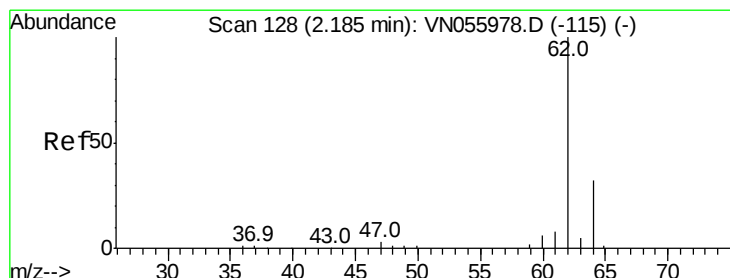
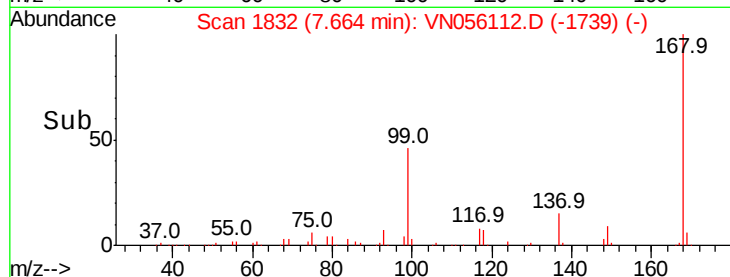
100000

50000

0

7.60 7.70 7.80

Time-->



#4

Vinyl Chloride

Concen: 43.202 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056112.D

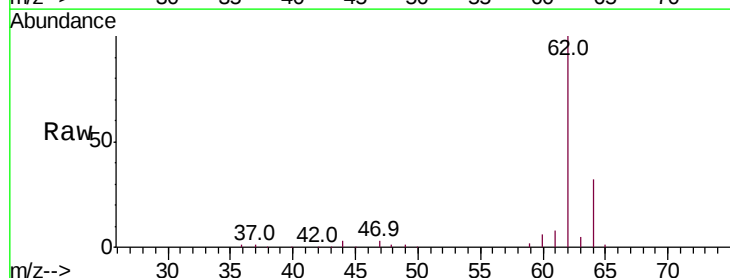
Acq: 7 Jun 2019 21:00

Tgt Ion: 62 Resp: 159484

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN055978.D (-115) (-)

Ion 63.90 (63.60 to 64.60): VN055978.D (-115) (-)

2.19

120000

100000

80000

60000

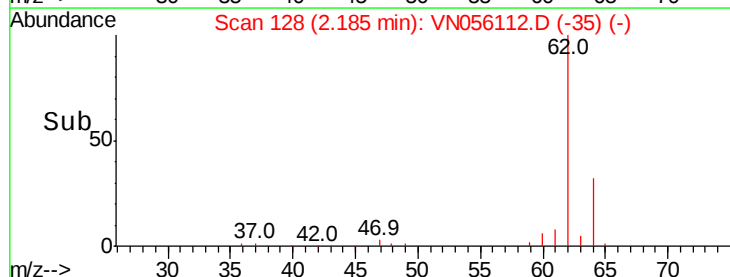
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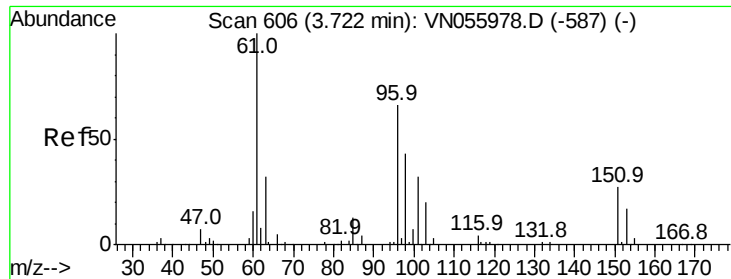
20000

0

2.10 2.15 2.20 2.25 2.30

Time-->





#12

1,1-Dichloroethene

Concen: 1.586 ug/l

RT: 3.73 min Scan# 607

Delta R.T. 0.00 min

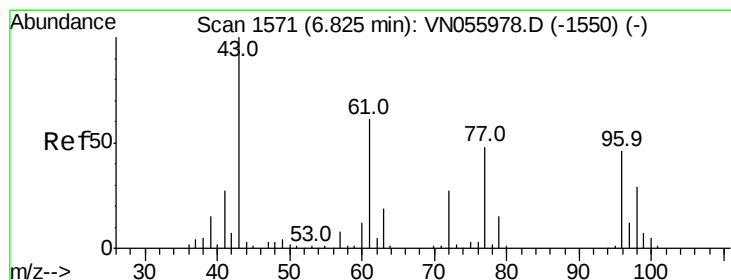
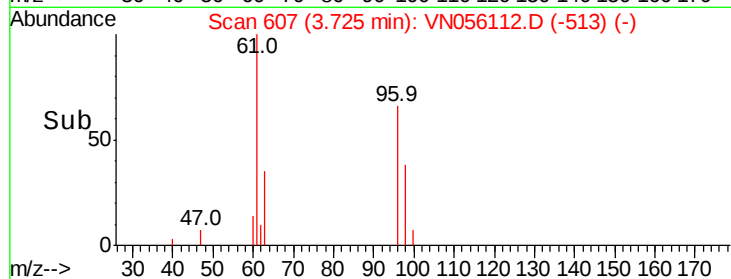
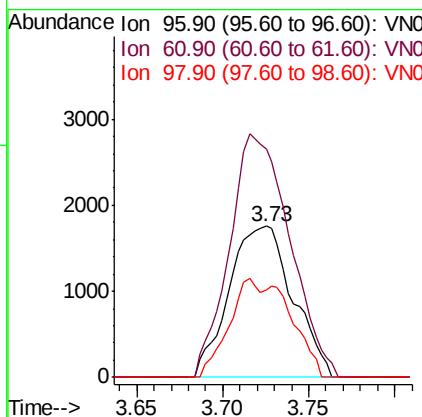
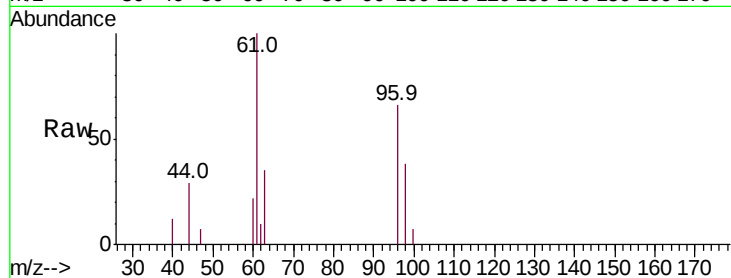
Lab File: VN056112.D

Acq: 7 Jun 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-0530-190604DL

Tot Ion: 96 Resp: 4519

Ion	Ratio	Lower	Upper
96	100		
61	151.2	123.2	184.8
98	58.1	50.4	75.6



#27

cis-1,2-Dichloroethene

Concen: 3.666 ug/l

RT: 6.83 min Scan# 1572

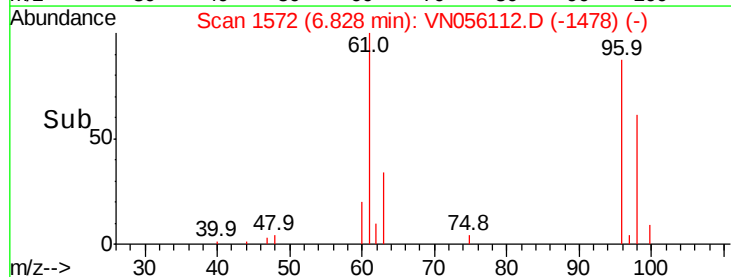
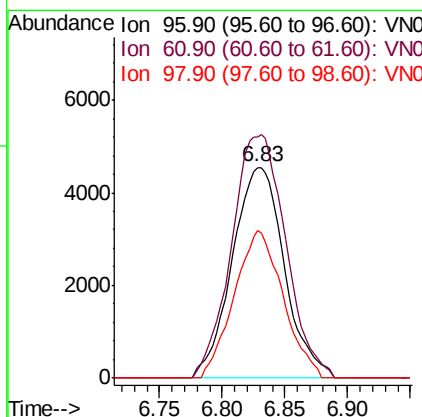
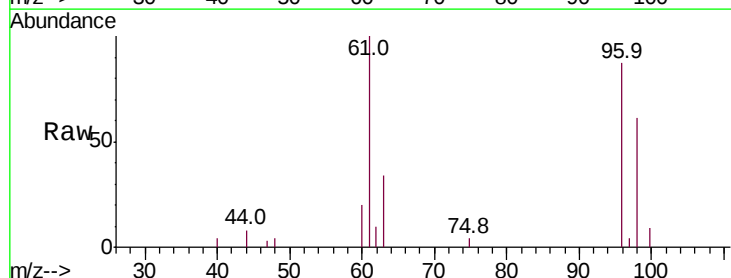
Delta R.T. 0.00 min

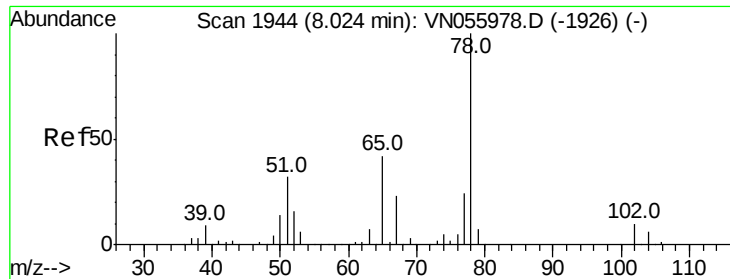
Lab File: VN056112.D

Acq: 7 Jun 2019 21:00

Tgt Ion: 96 Resp: 13159

Ion	Ratio	Lower	Upper
96	100		
61	119.9	0.0	275.8
98	65.5	0.0	128.4

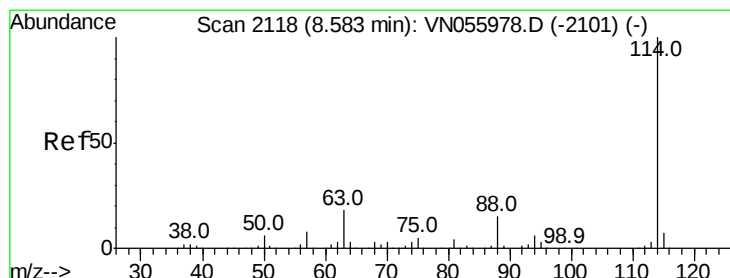
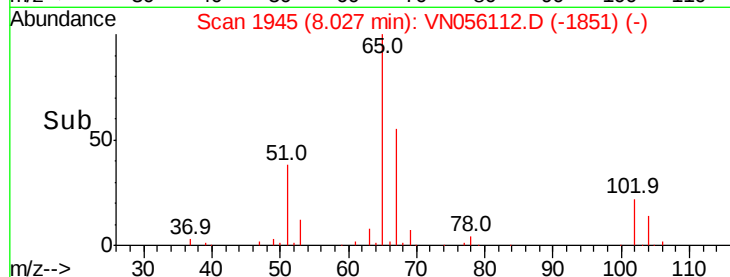
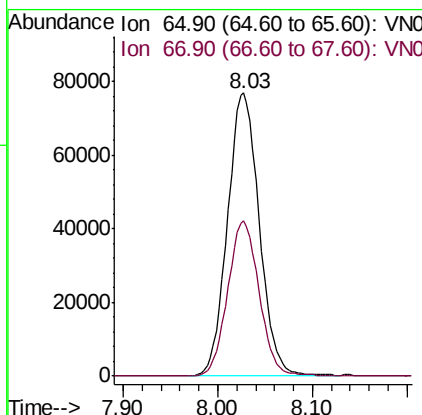
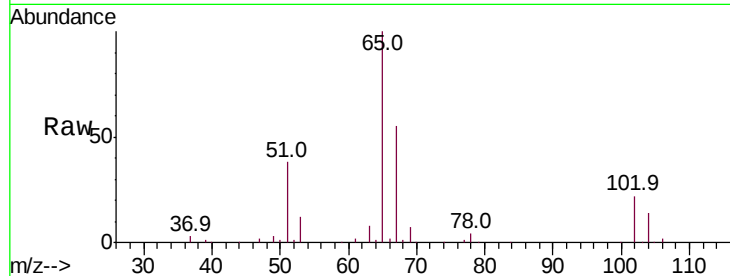




#33
 1,2-Dichloroethane-d4
 Concen: 53.422 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056112.D
 Acq: 7 Jun 2019 21:00

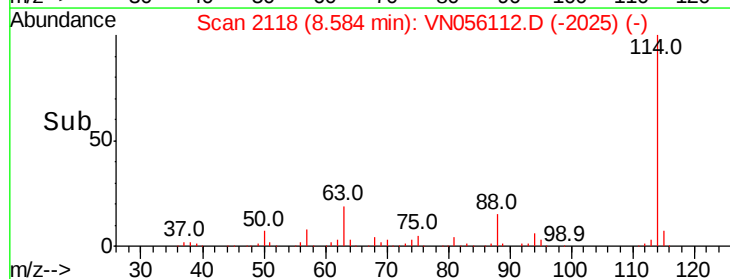
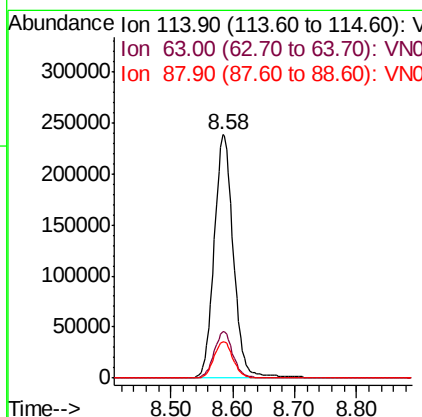
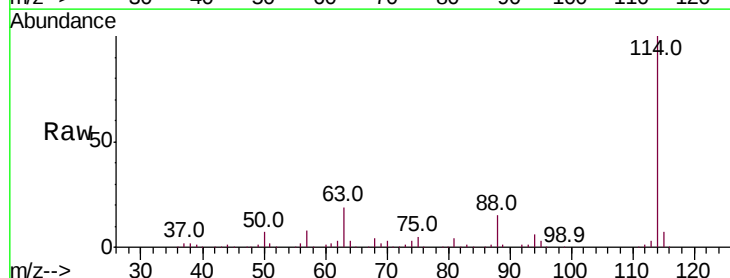
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0530-190604DL

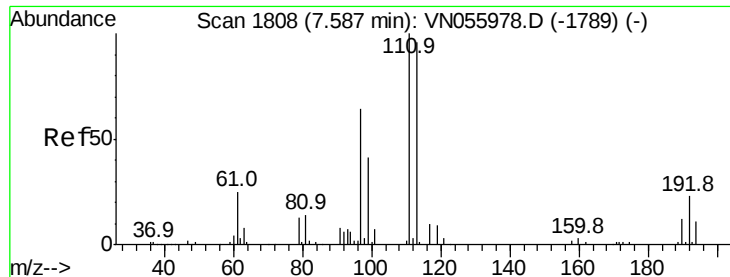
Tot Ion: 65 Resp: 180084
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056112.D
 Acq: 7 Jun 2019 21:00

Tgt Ion: 114 Resp: 514703
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.0 0.0 31.0

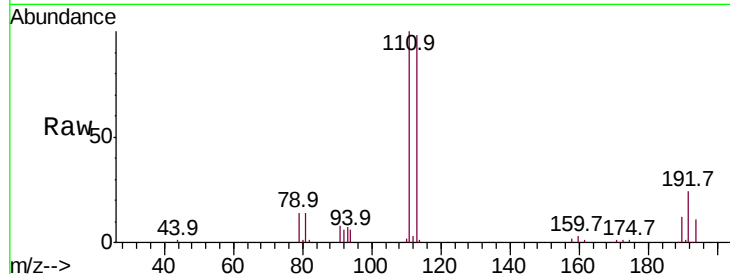




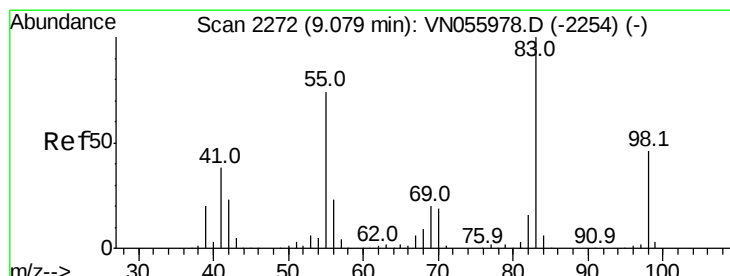
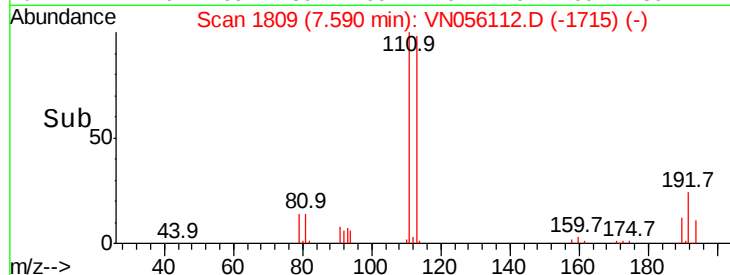
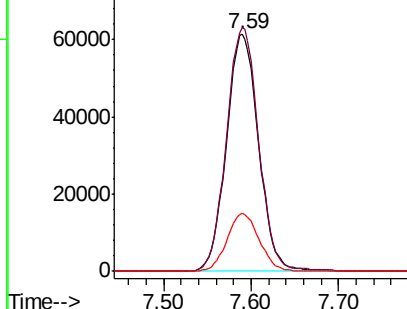
#35
 Dibromofluoromethane
 Concen: 49.587 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056112.D
 Acq: 7 Jun 2019 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0530-190604DL

Tot Ion:113 Resp: 156589
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.9 122.9
 192 24.4 19.5 29.3

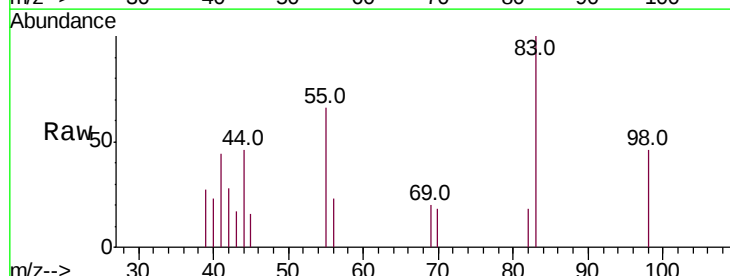


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

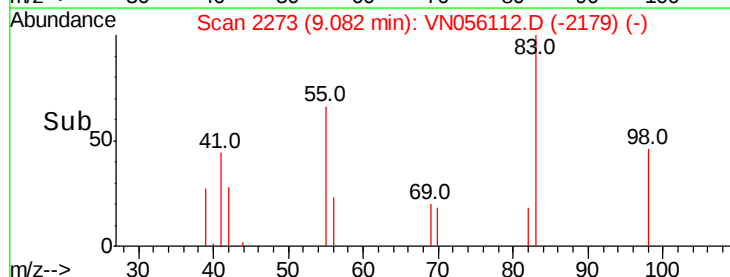
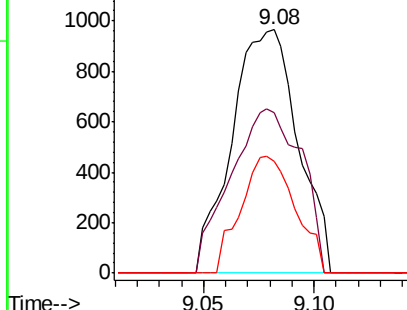


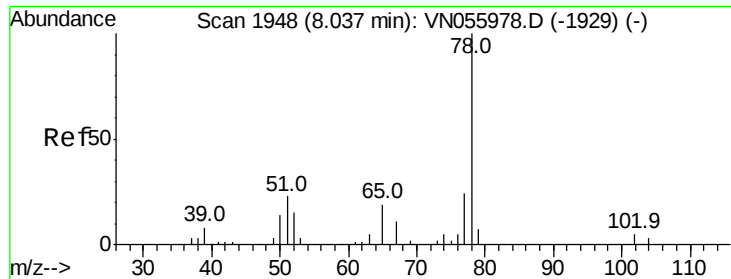
#39
 Methylcyclohexane
 Concen: 0.366 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN056112.D
 Acq: 7 Jun 2019 21:00

Tgt Ion: 83 Resp: 2019
 Ion Ratio Lower Upper
 83 100
 55 65.7 59.3 88.9
 98 45.7 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): VNO
 Ion 55.00 (54.70 to 55.70): VNO
 Ion 98.00 (97.70 to 98.70): VNO





#40

Benzene

Concen: 0.757 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056112.D

Acq: 7 Jun 2019 21:00

Instrument :

MSVOA_N

ClientSampleId :

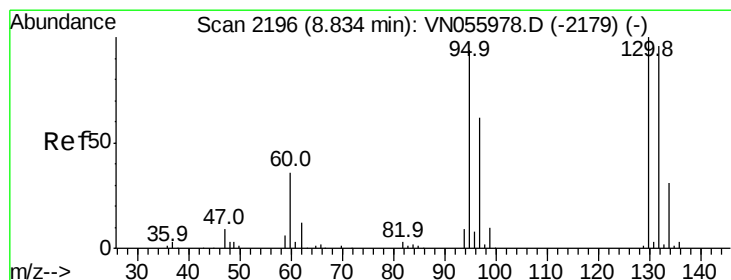
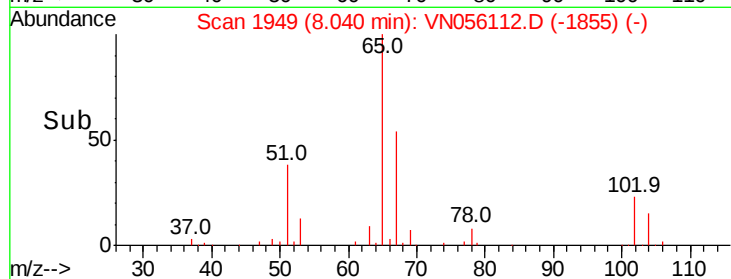
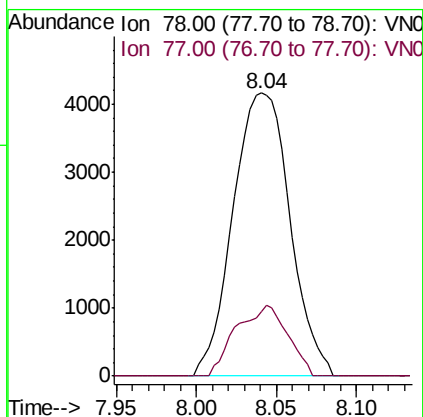
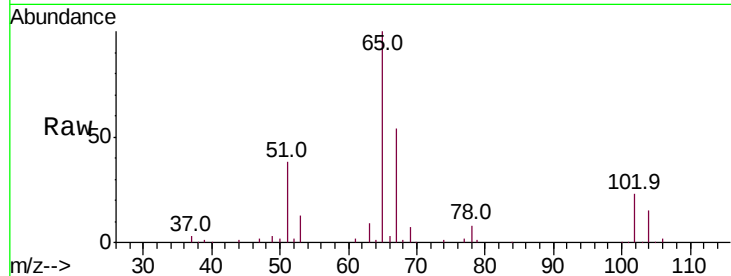
DUP-0530-190604DL

Tot Ion: 78 Resp: 10177

Ion Ratio Lower Upper

78 100

77 23.0 18.8 28.2



#44

Trichloroethene

Concen: 1.059 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056112.D

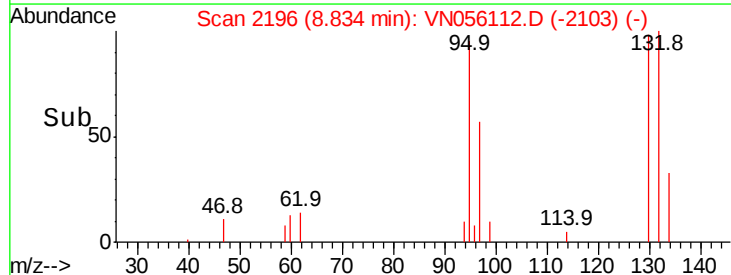
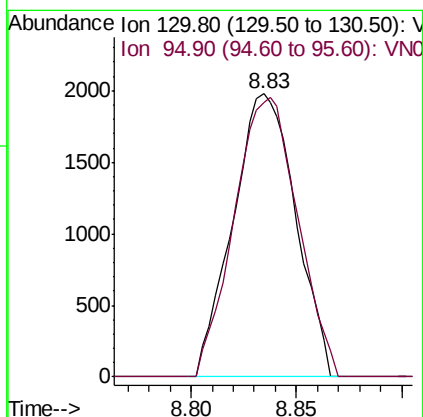
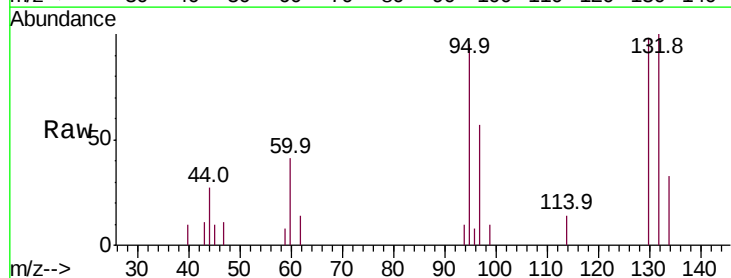
Acq: 7 Jun 2019 21:00

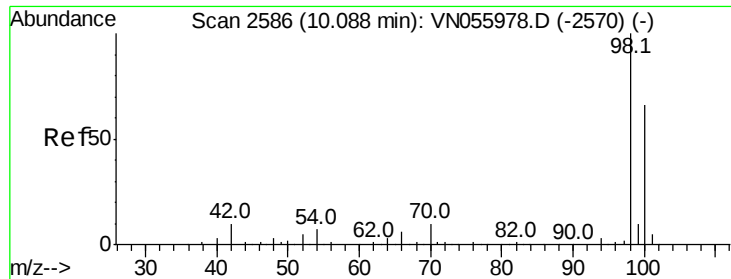
Tgt Ion:130 Resp: 4091

Ion Ratio Lower Upper

130 100

95 97.1 0.0 188.0





#50

Toluene-d8

Concen: 53.522 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056112.D

Acq: 7 Jun 2019 21:00

Instrument :

MSVOA_N

ClientSampleId :

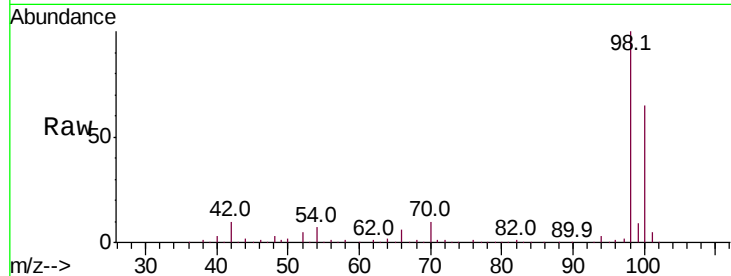
DUP-0530-190604DL

Tot Ion: 98 Resp: 650368

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

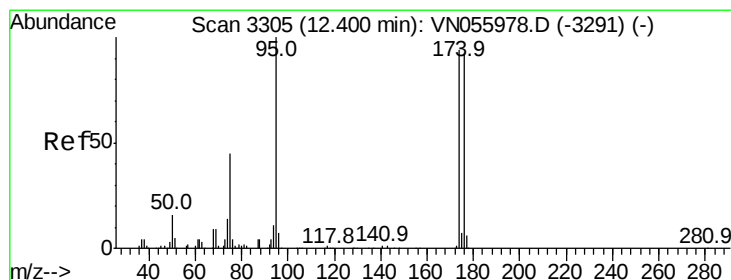
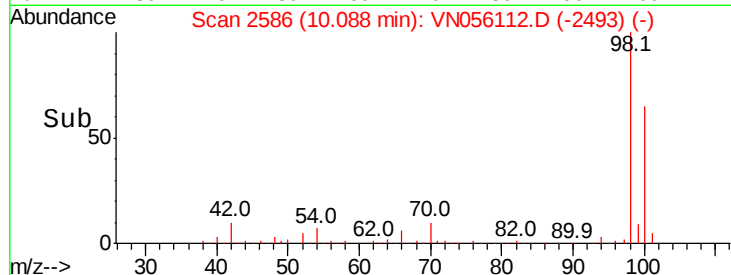
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.135 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056112.D

Acq: 7 Jun 2019 21:00

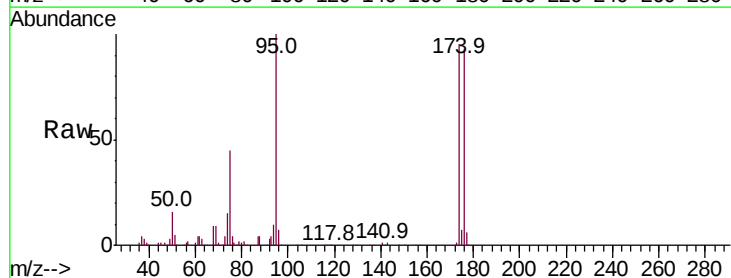
Tgt Ion: 95 Resp: 207180

Ion Ratio Lower Upper

95 100

174 96.2 0.0 191.0

176 92.9 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

12.40

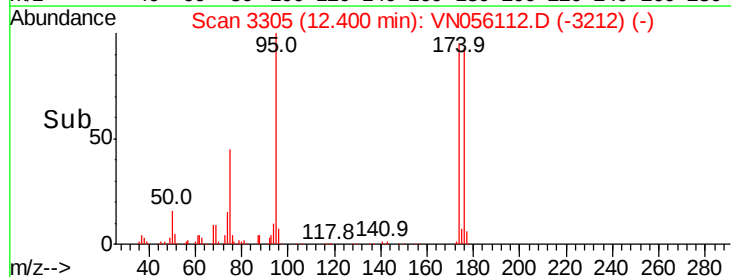
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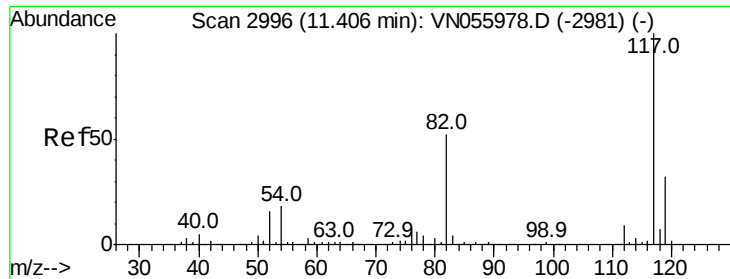
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50000

0

Time-->

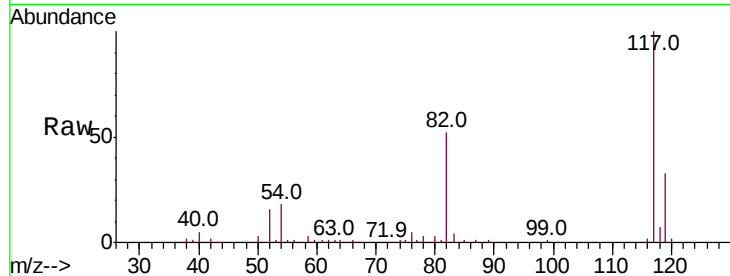




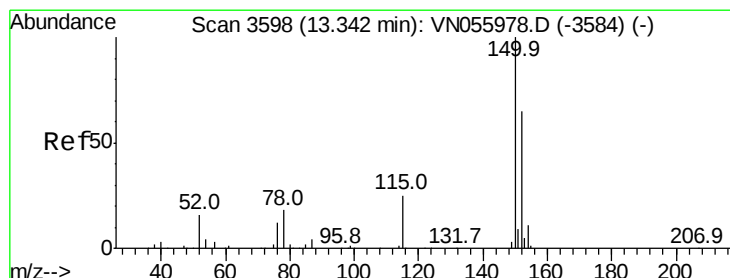
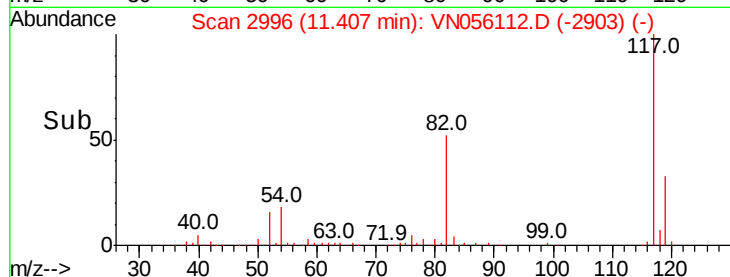
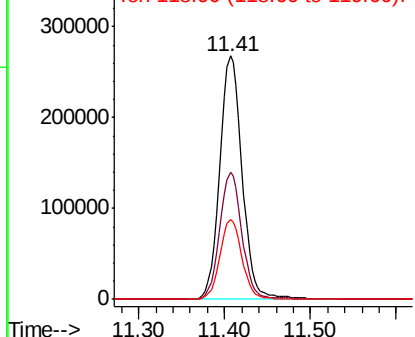
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056112.D
Acq: 7 Jun 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-0530-190604DL

Tot Ion:117 Resp: 485003
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.5 25.4 38.0

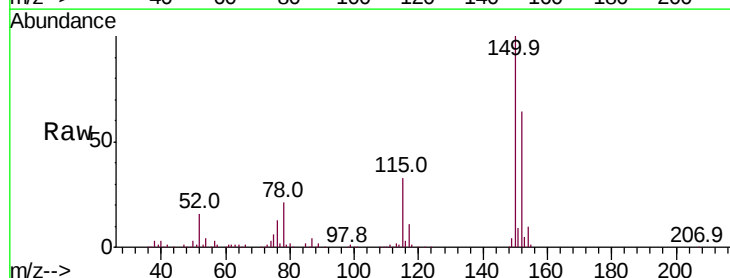


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN056112.D
Acq: 7 Jun 2019 21:00

Tgt Ion:152 Resp: 160068
Ion Ratio Lower Upper
152 100
115 52.5 27.0 81.0
150 157.0 0.0 343.2



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

