

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121819\
 Data File : VN059656.D
 Acq On : 18 Dec 2019 17:54
 Operator : JC/SP
 Sample : K6309-03DL 500X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30786DL

Quant Time: Dec 19 05:55:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

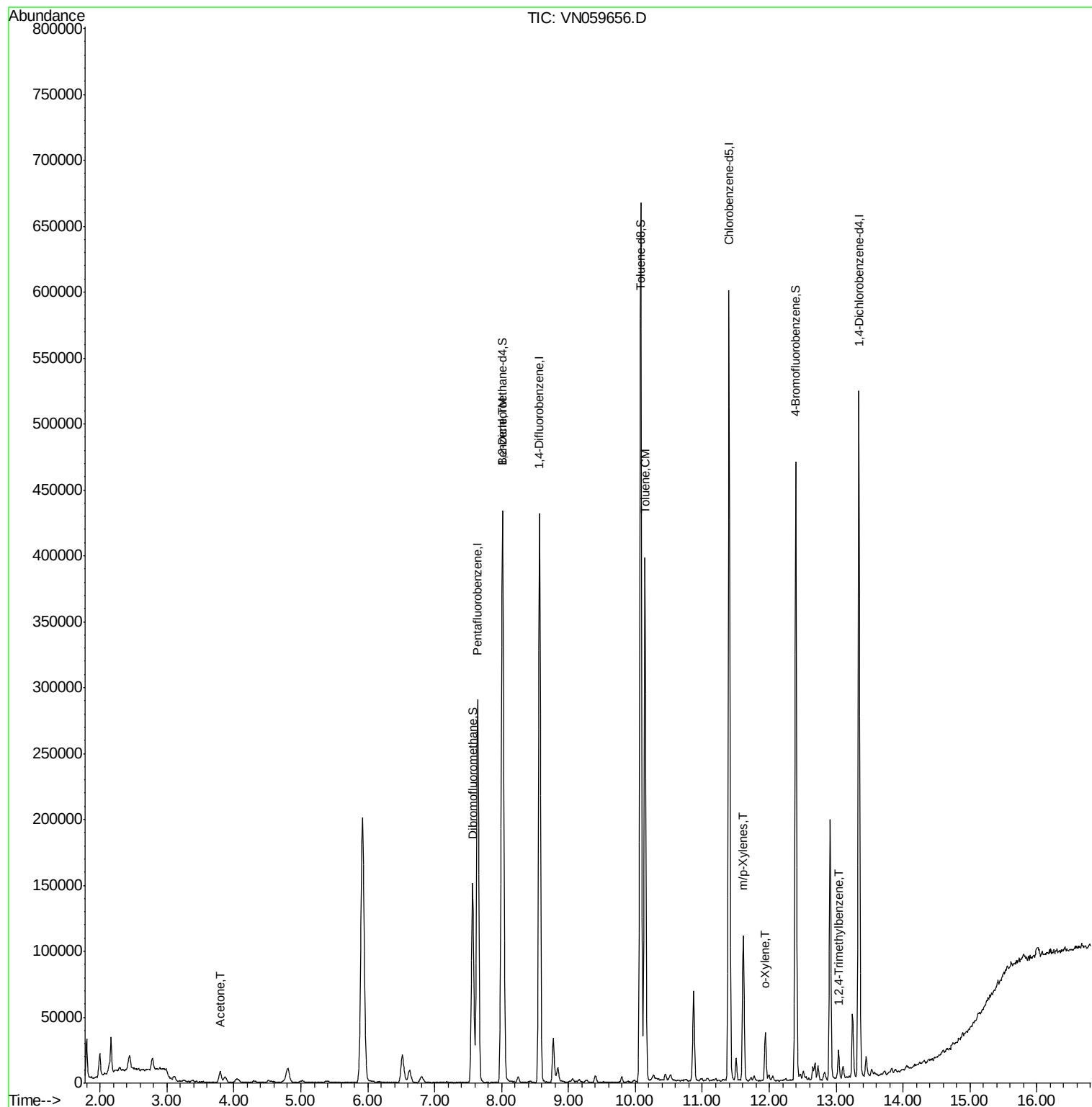
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	227337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	364033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	324504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132307	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	163870	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	7.57	113	114267	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.08	98	451327	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.40	95	150207	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
Target Compounds						
16) Acetone	3.80	43	13715	6.983	ug/l	96
40) Benzene	8.02	78	302425	27.259	ug/l	99
52) Toluene	10.14	92	169089	24.805	ug/l	98
68) m/p-Xylenes	11.61	106	33156	7.084	ug/l	99
69) o-Xylene	11.94	106	9898	2.223	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	12210	1.397	ug/l	96

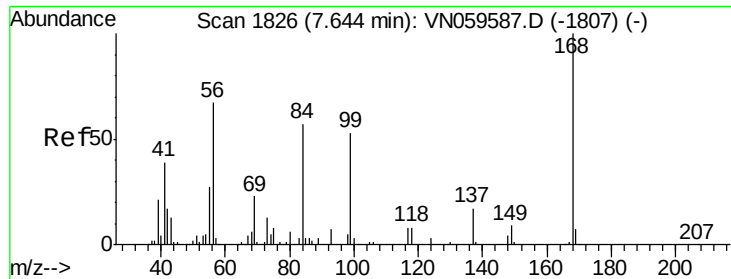
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

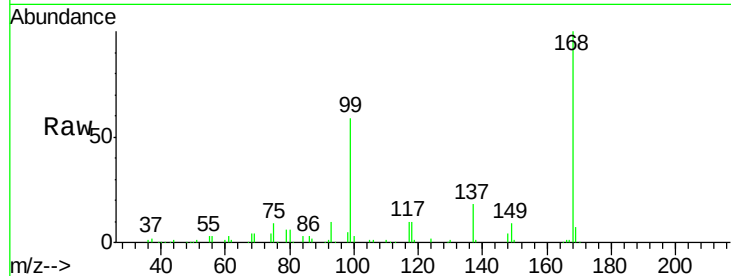
30786DL

Tot Ion:168 Resp: 227337

Ion Ratio Lower Upper

168 100

99 58.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

60000

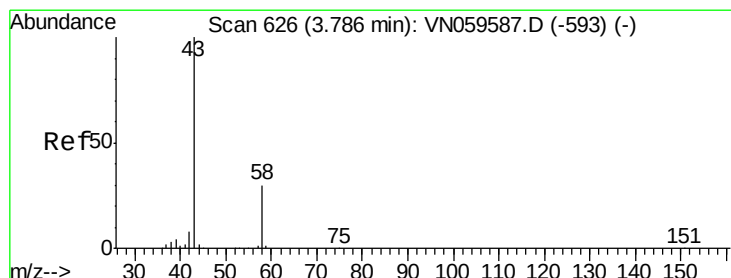
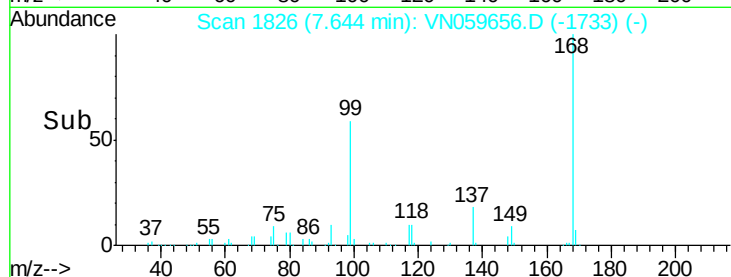
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.983 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059656.D

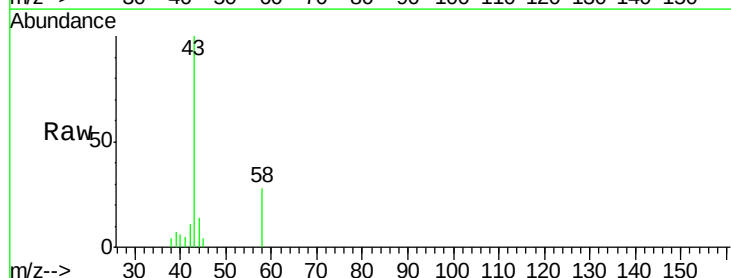
Acq: 18 Dec 2019 17:54

Tgt Ion: 43 Resp: 13715

Ion Ratio Lower Upper

43 100

58 27.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

5000

4000

3000

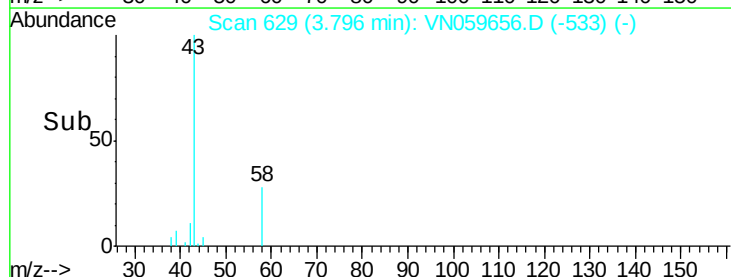
2000

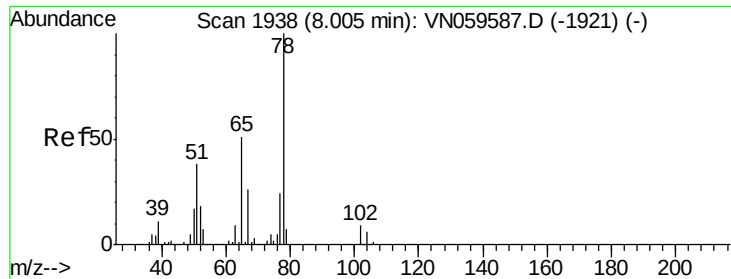
1000

0

3.70 3.80 3.90

Time-->

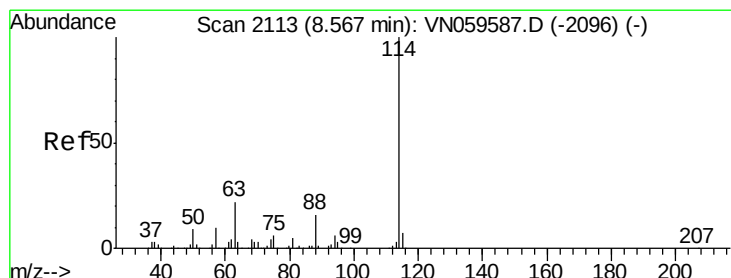
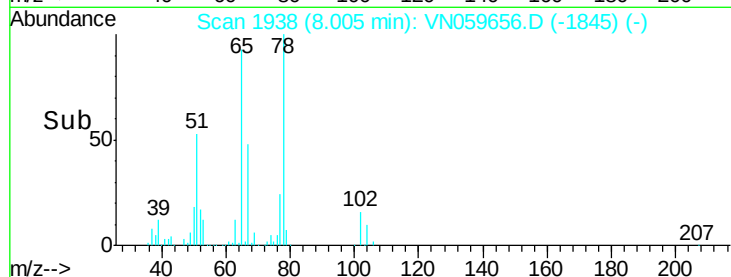
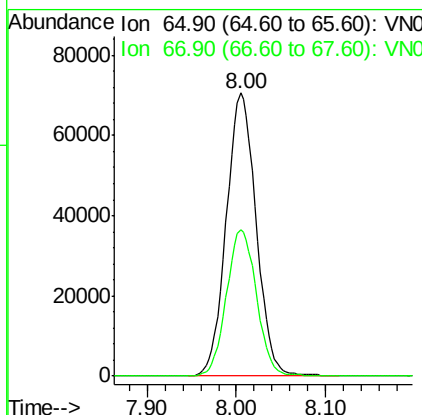
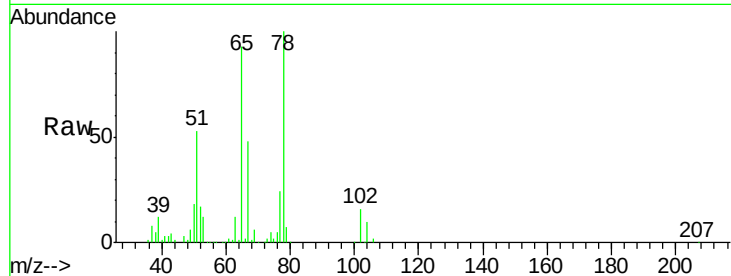




#33
 1,2-Dichloroethane-d4
 Concen: 49.536 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059656.D
 Acq: 18 Dec 2019 17:54

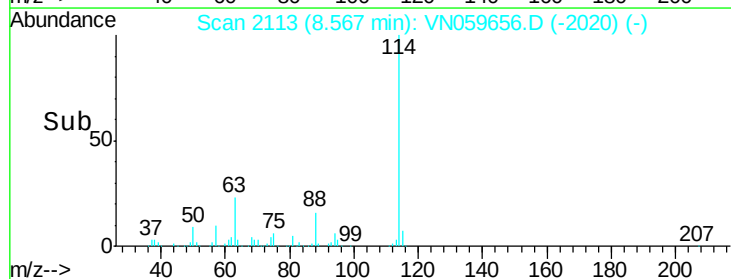
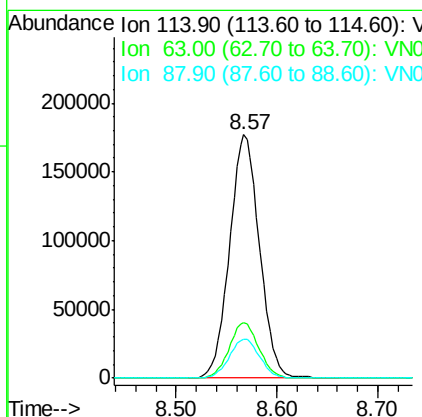
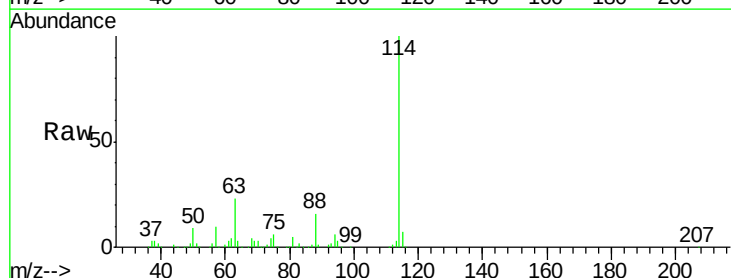
Instrument :
 MSVOA_N
 ClientSampleId :
 30786DL

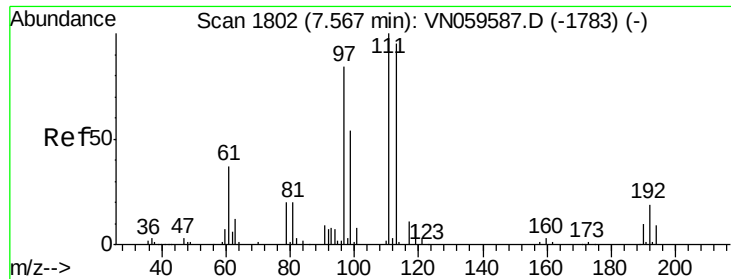
Tot Ion: 65 Resp: 163870
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059656.D
 Acq: 18 Dec 2019 17:54

Tgt Ion: 114 Resp: 364033
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.6
 88 16.1 0.0 31.4

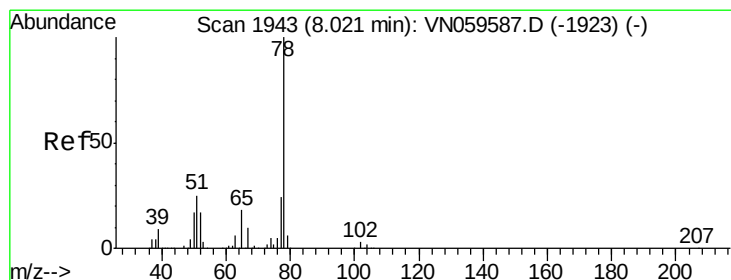
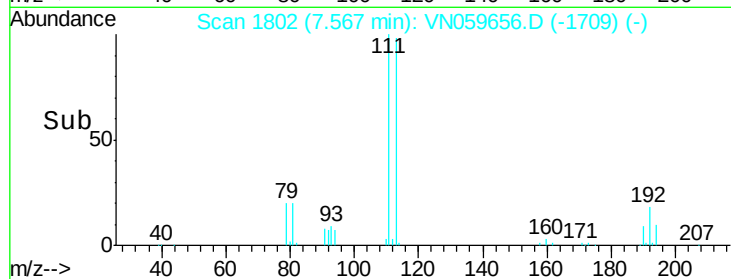
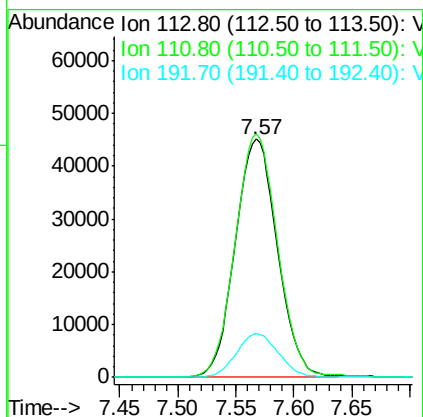
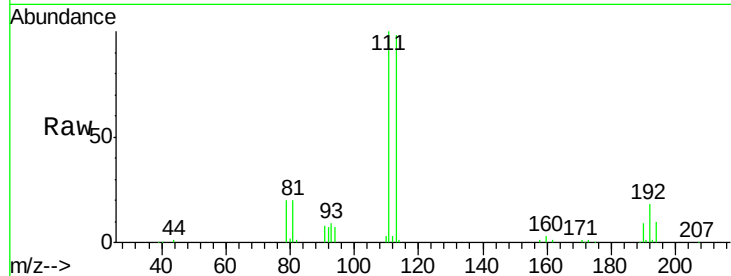




#35
 Dibromofluoromethane
 Concen: 50.168 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059656.D
 Acq: 18 Dec 2019 17:54

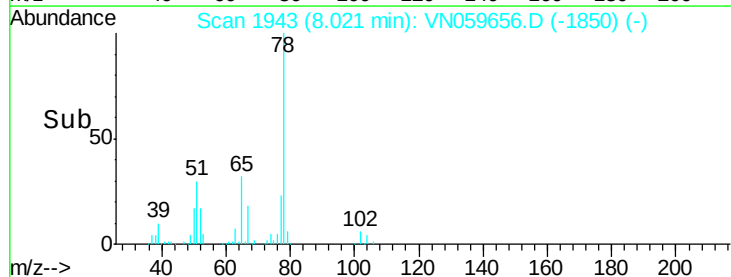
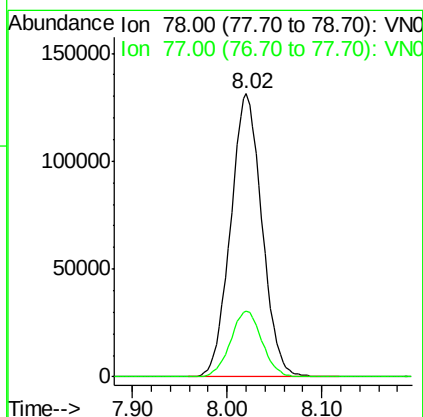
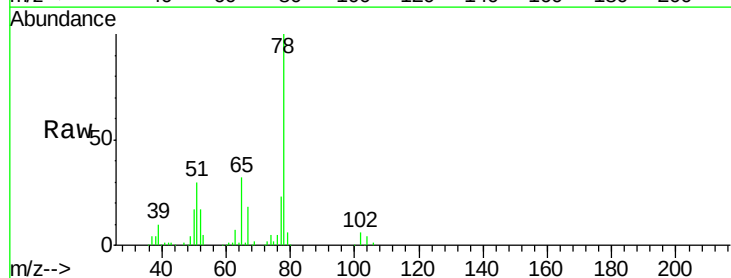
Instrument :
 MSVOA_N
 ClientSampled :
 30786DL

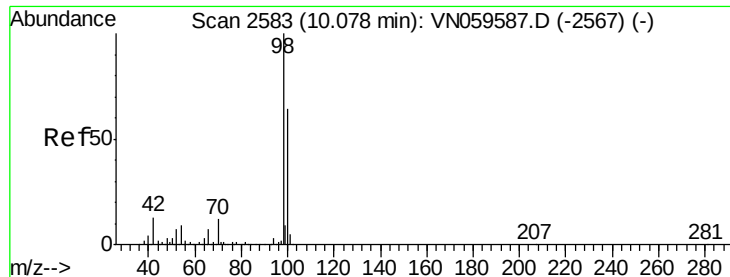
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.5	125.3
192	18.3	15.4	23.2



#40
 Benzene
 Concen: 27.259 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN059656.D
 Acq: 18 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3

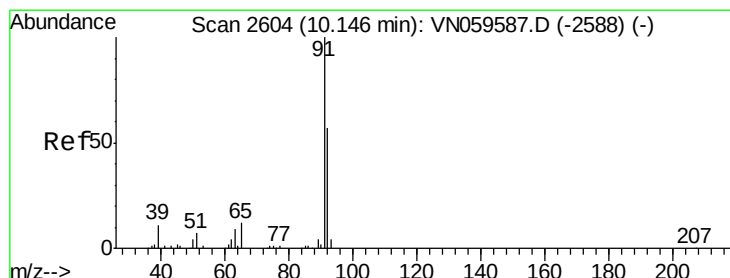
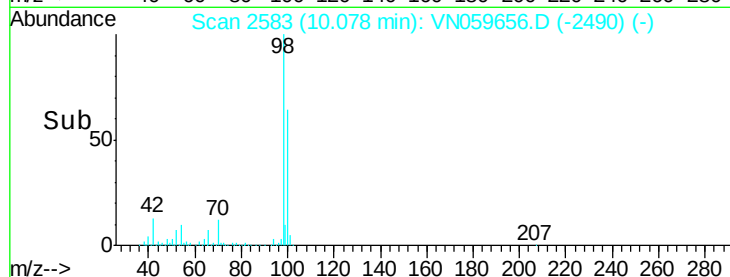
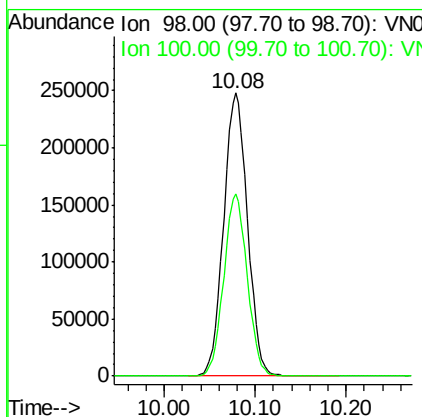
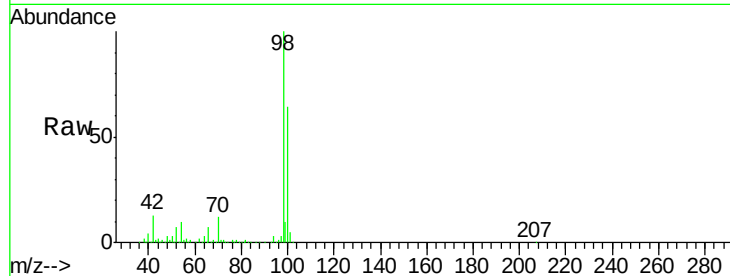




#50
Toluene-d8
Concen: 50.049 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

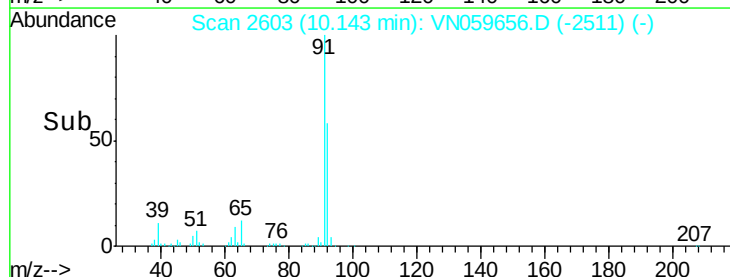
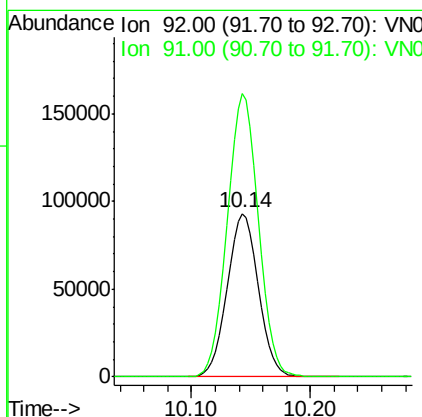
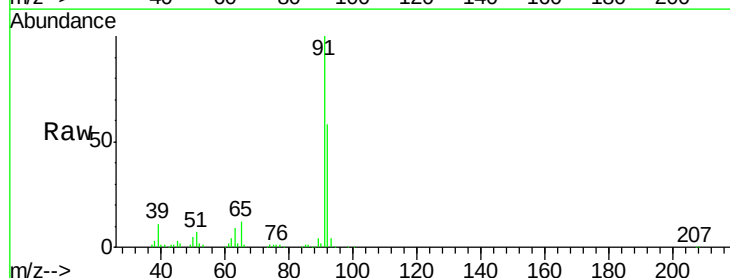
Instrument :
MSVOA_N
ClientSampled :
30786DL

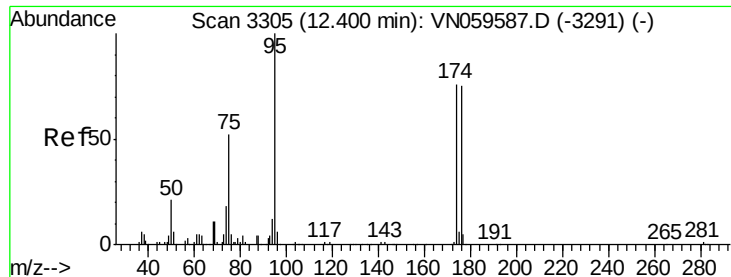
Tot Ion: 98 Resp: 451327
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8



#52
Toluene
Concen: 24.805 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

Tgt Ion: 92 Resp: 169089
Ion Ratio Lower Upper
92 100
91 173.2 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 45.649 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

30786DL

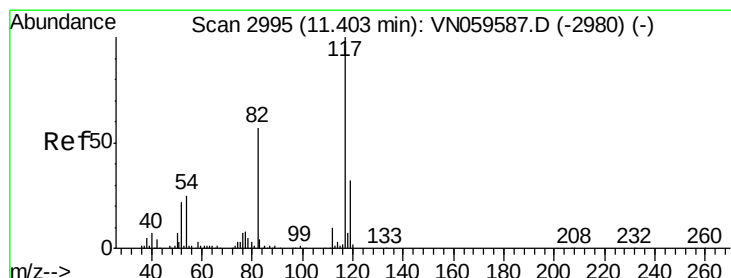
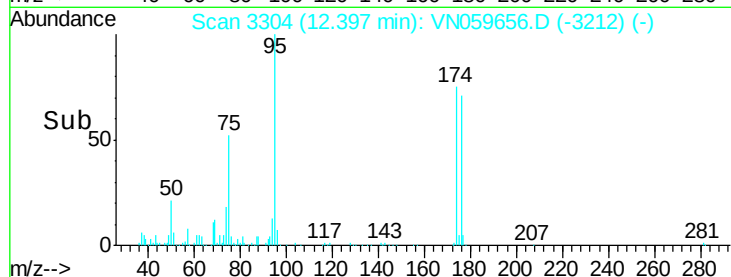
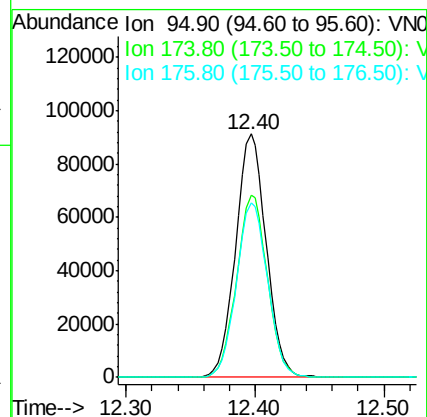
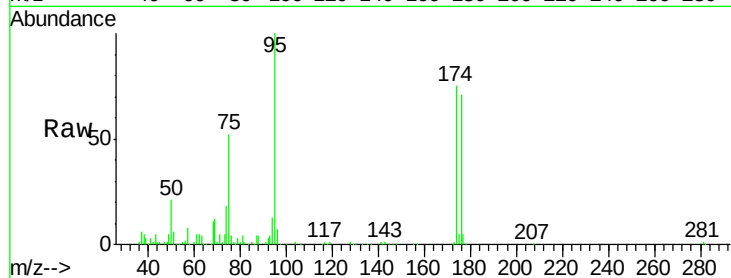
Tot Ion: 95 Resp: 150207

Ion Ratio Lower Upper

95 100

174 75.5 0.0 151.4

176 73.0 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

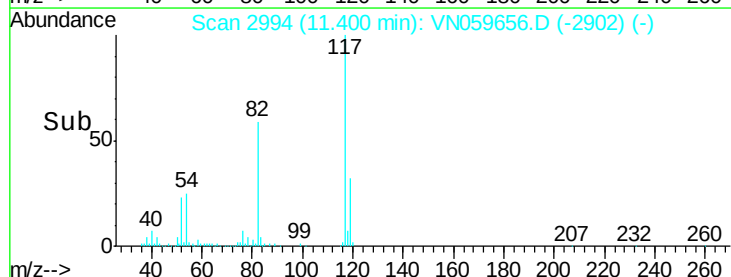
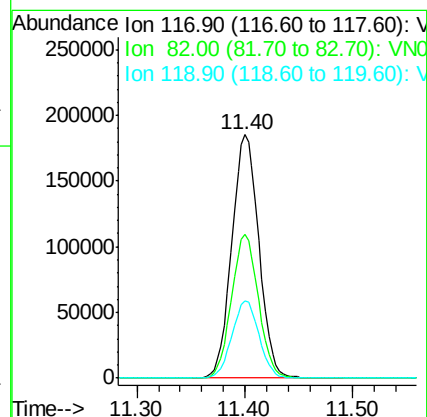
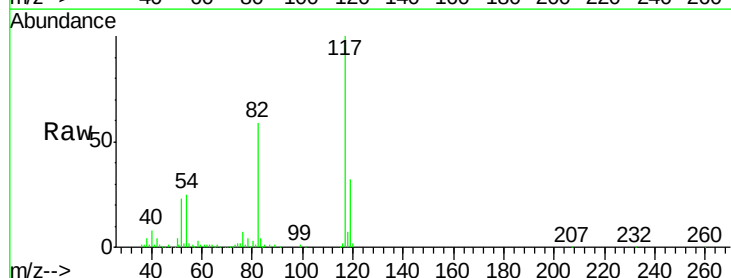
Tgt Ion: 117 Resp: 324504

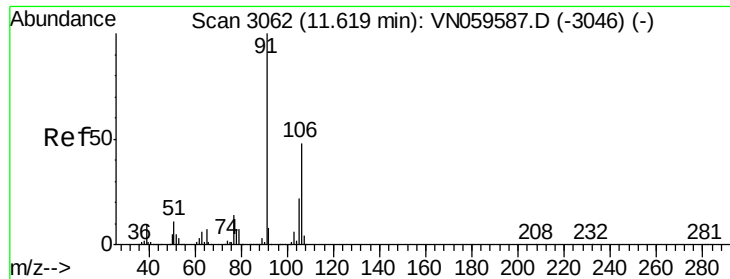
Ion Ratio Lower Upper

117 100

82 59.1 45.9 68.9

119 32.0 25.5 38.3

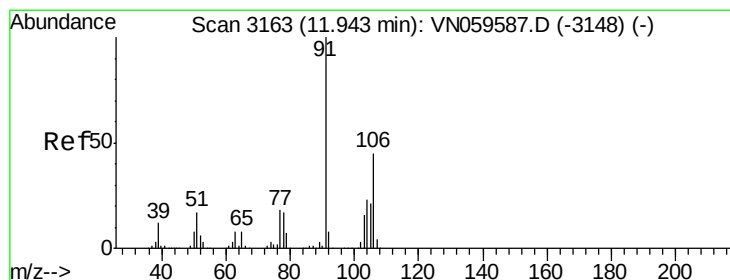
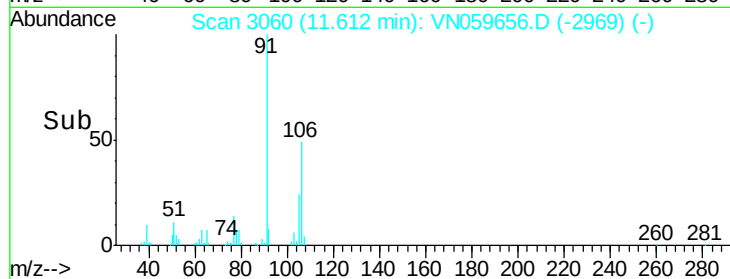
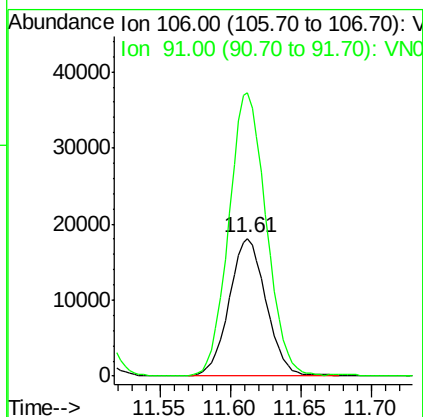
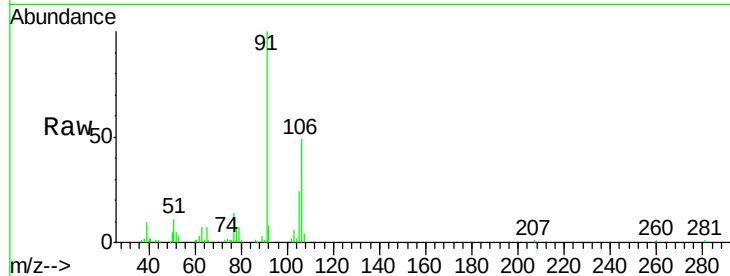




#68
m/p-Xylenes
Concen: 7.084 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

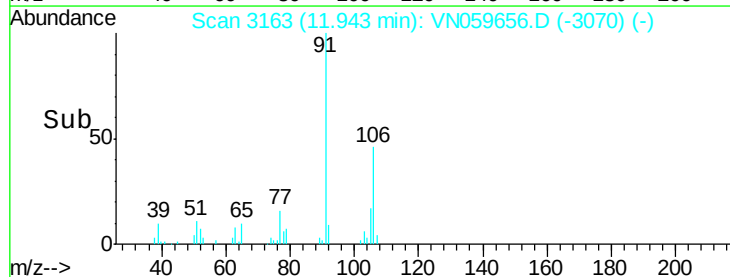
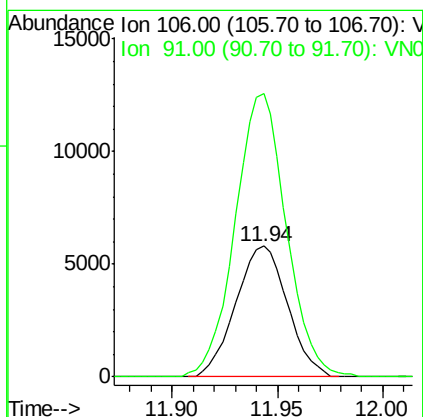
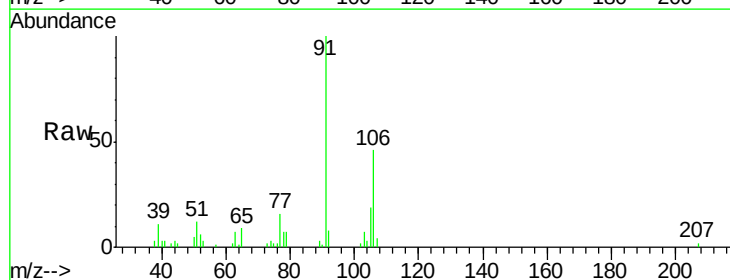
Instrument :
MSVOA_N
ClientSampled :
30786DL

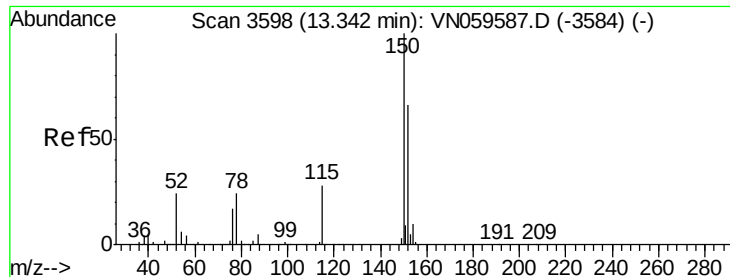
Tot Ion:106 Resp: 33156
Ion Ratio Lower Upper
106 100
91 208.0 167.9 251.9



#69
o-Xylene
Concen: 2.223 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

Tgt Ion:106 Resp: 9898
Ion Ratio Lower Upper
106 100
91 213.5 110.3 330.9



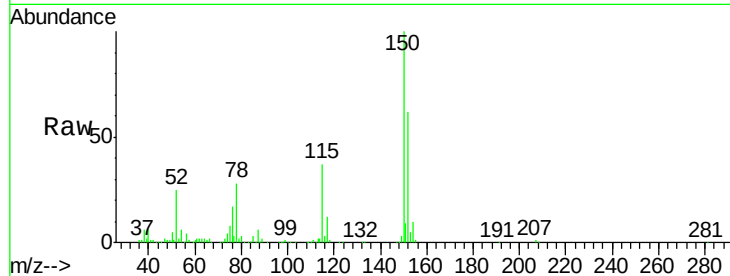


#72

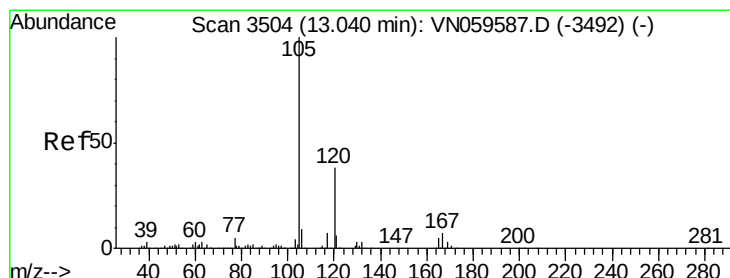
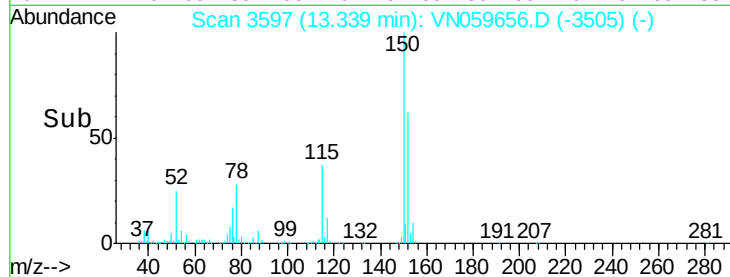
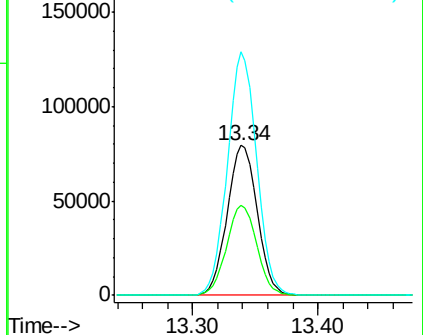
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

Instrument :
MSVOA_N
ClientSampleId :
30786DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.3	90.9
150	157.7	0.0	345.2



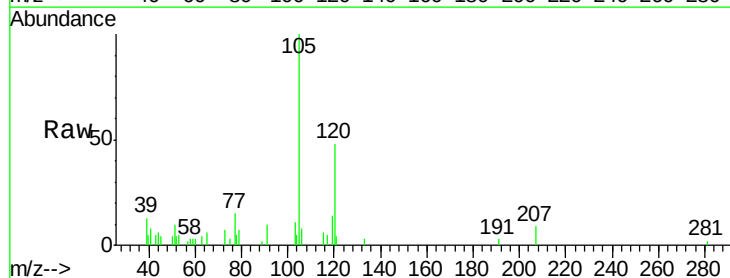
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene
Concen: 1.397 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.0	22.3	66.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

