

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056111.D
 Acq On : 7 Jun 2019 20:35
 Operator : JC/SP
 Sample : K3203-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW001-190604

Quant Time: Jun 08 06:48:12 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

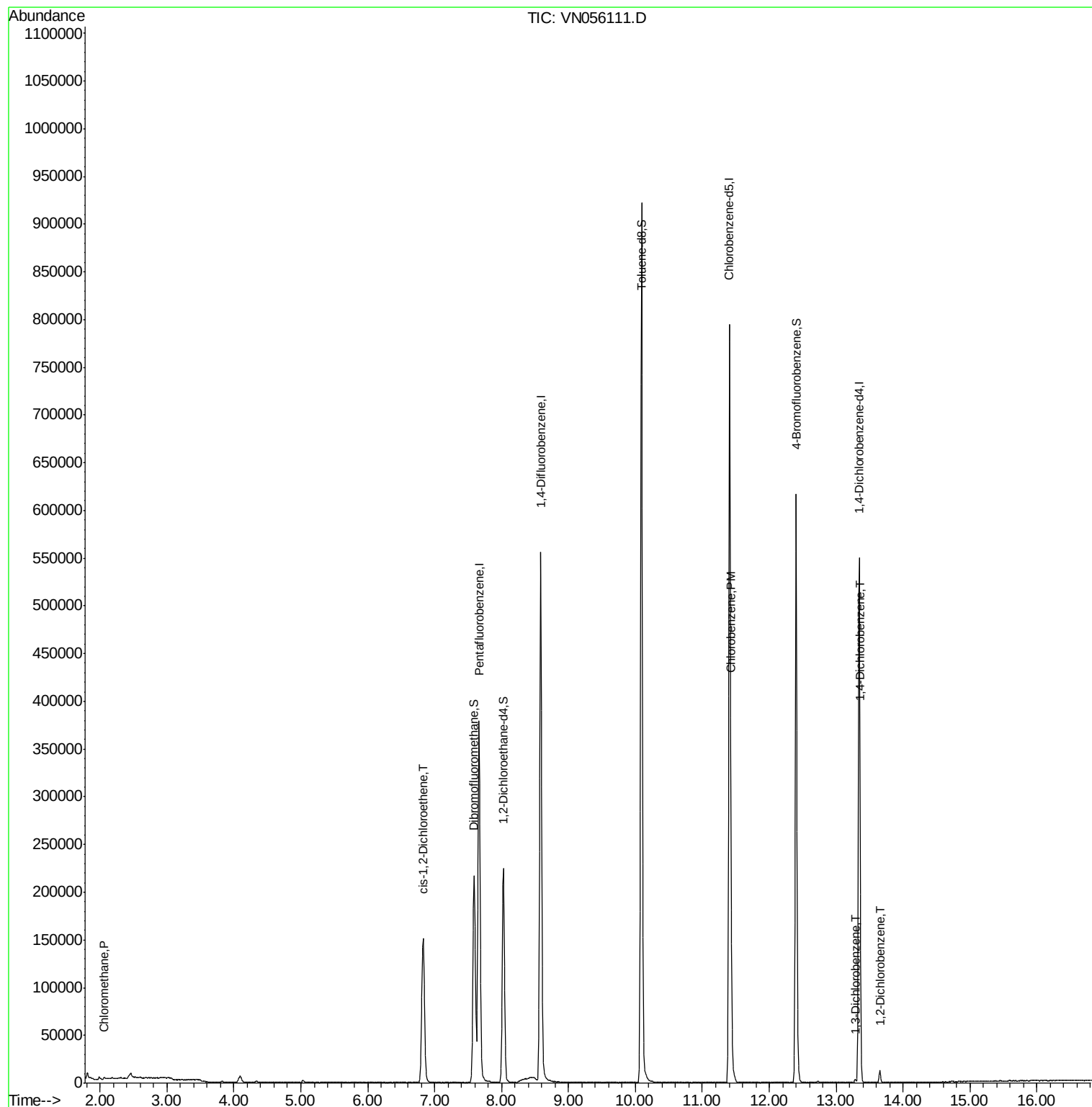
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	361331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	547722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	189199	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	7.59	113	168355	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.09	98	685015	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.40	95	216422	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
Target Compounds						
3) Chloromethane	2.06	50	1983	0.506	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	107891	28.241	ug/l	90
65) Chlorobenzene	11.43	112	56635	5.577	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2147	0.382	ug/l	90
88) 1,4-Dichlorobenzene	13.36	146	19759	3.656	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	6381	1.125	ug/l	97

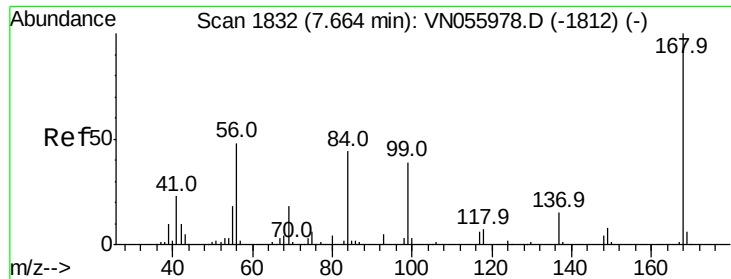
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060819\
Data File : VN056111.D
Acq On : 7 Jun 2019 20:35
Operator : JC/SP
Sample : K3203-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LF015MW001-190604

Quant Time: Jun 08 06:48:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056111.D

Acq: 7 Jun 2019 20:35

Instrument :

MSVOA_N

ClientSampleId :

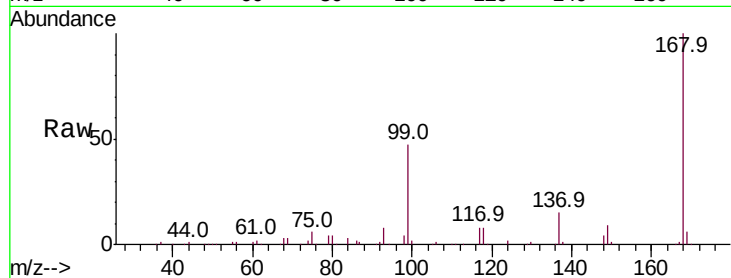
LF015MW001-190604

Tot Ion:168 Resp: 361331

Ion Ratio Lower Upper

168 100

99 46.5 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

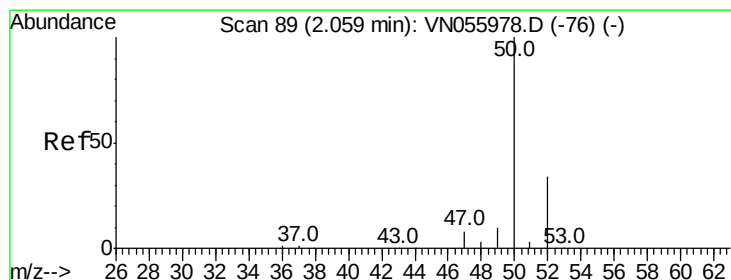
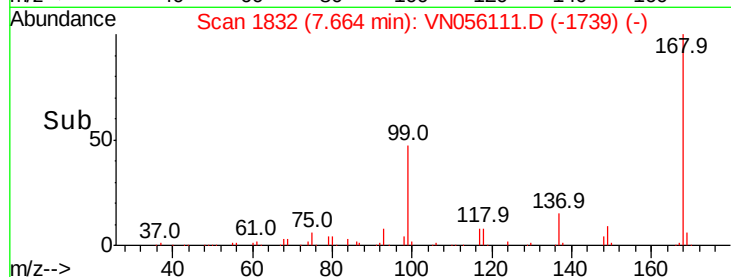
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.506 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056111.D

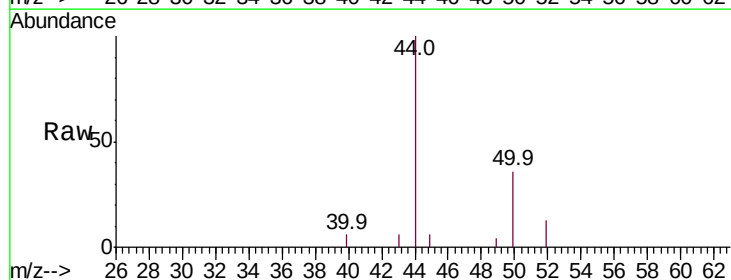
Acq: 7 Jun 2019 20:35

Tgt Ion: 50 Resp: 1983

Ion Ratio Lower Upper

50 100

52 35.8 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN055978.D (-76) (-)

Ion 51.90 (51.60 to 52.60): VN055978.D (-76) (-)

2.06

1500

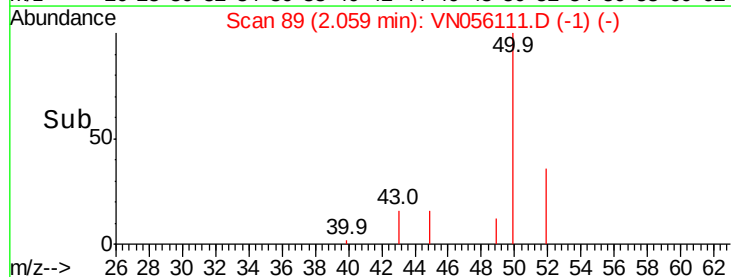
1000

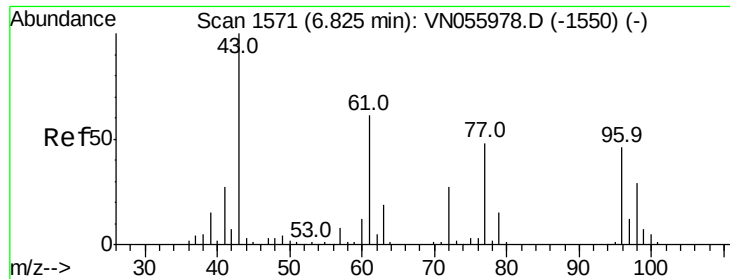
500

0

2.05 2.10

Time-->





#27

cis-1,2-Dichloroethene

Concen: 28.241 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN056111.D

Acq: 7 Jun 2019 20:35

Instrument :

MSVOA_N

ClientSampleId :

LF015MW001-190604

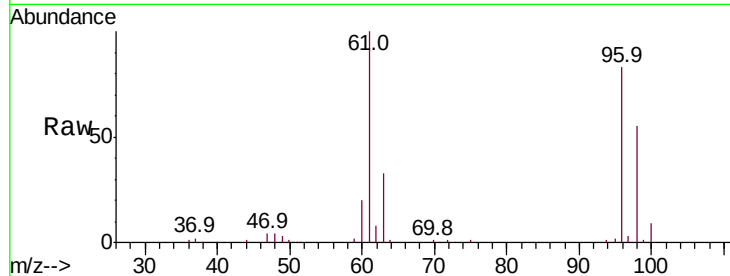
Tot Ion: 96 Resp: 107891

Ion Ratio Lower Upper

96 100

61 120.1 0.0 275.8

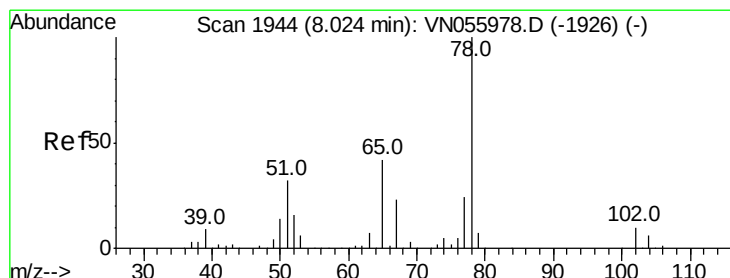
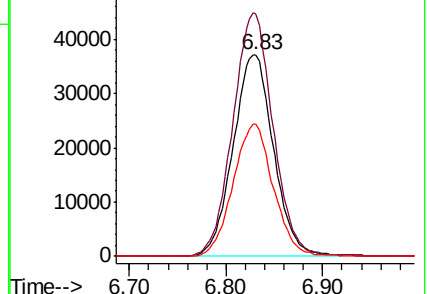
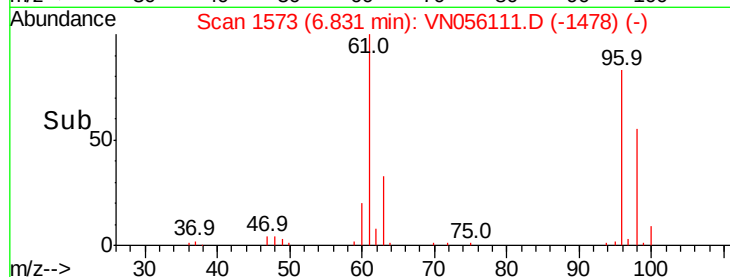
98 65.1 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.735 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056111.D

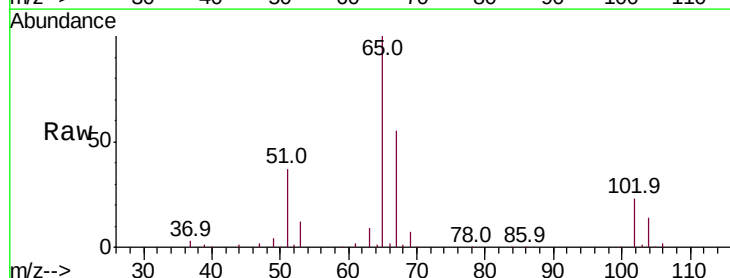
Acq: 7 Jun 2019 20:35

Tgt Ion: 65 Resp: 189199

Ion Ratio Lower Upper

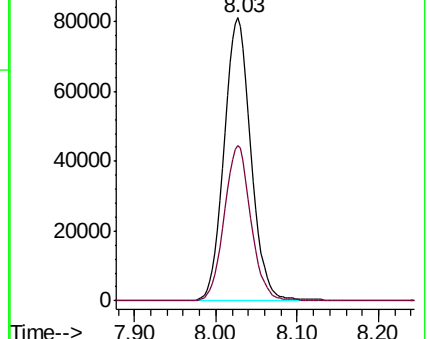
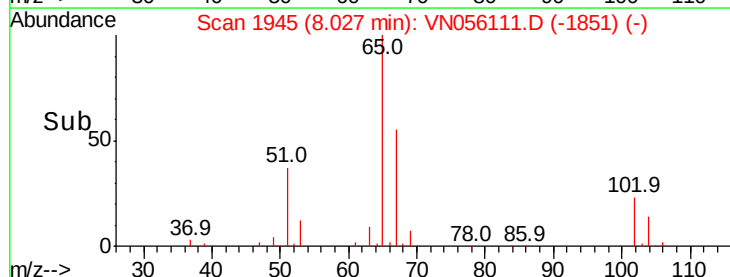
65 100

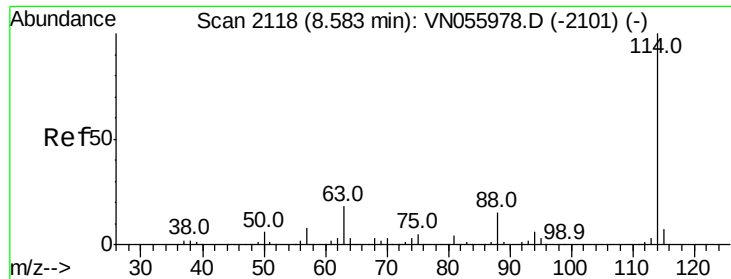
67 54.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

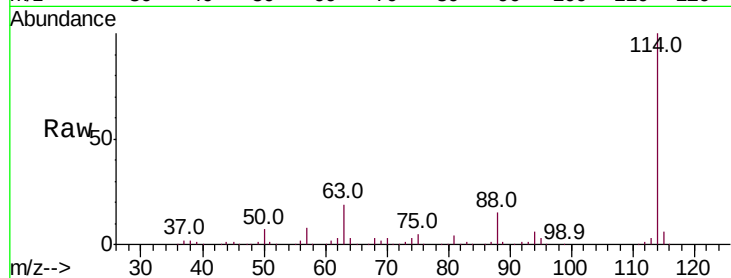




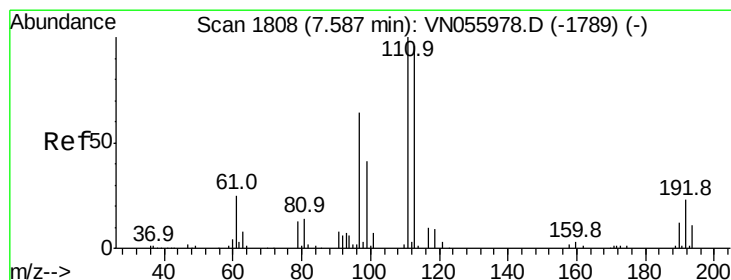
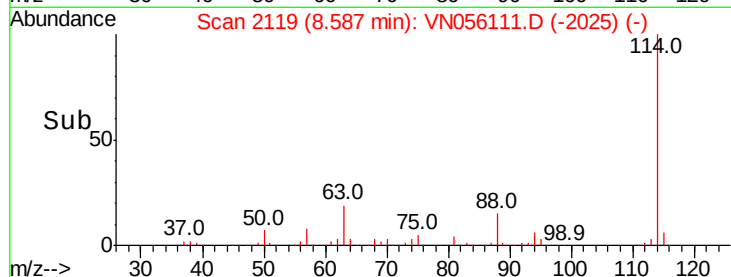
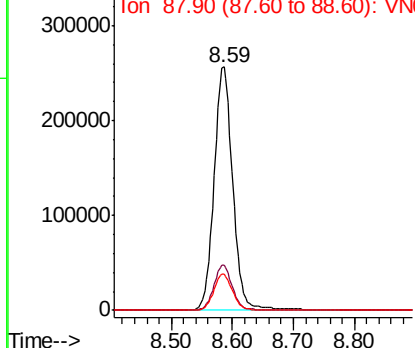
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056111.D
 Acq: 7 Jun 2019 20:35

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW001-190604

Tot Ion:114 Resp: 547722
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 14.9 0.0 31.0

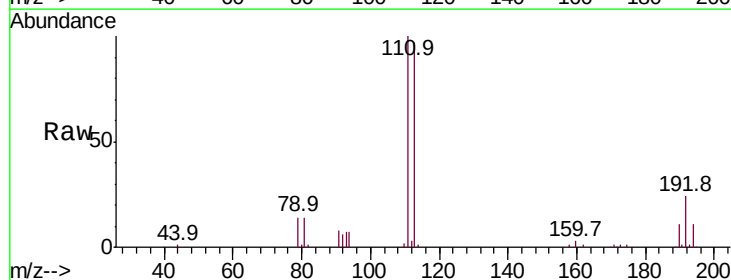


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

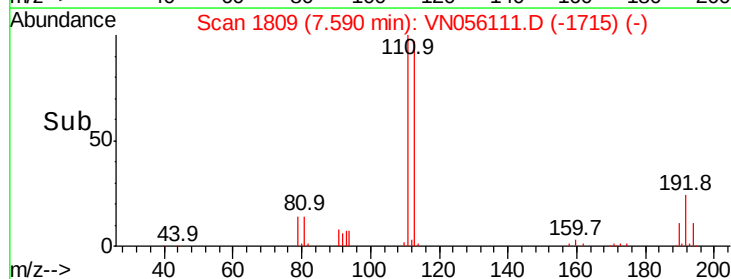
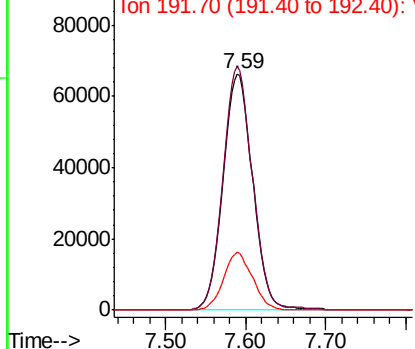


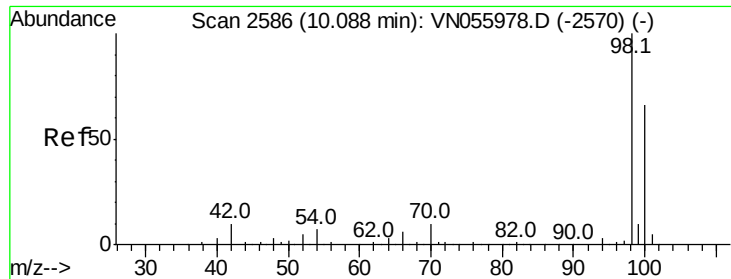
#35
 Dibromofluoromethane
 Concen: 50.099 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056111.D
 Acq: 7 Jun 2019 20:35

Tgt Ion:113 Resp: 168355
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.9 122.9
 192 23.9 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





#50

Toluene-d8

Concen: 52.974 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056111.D

Acq: 7 Jun 2019 20:35

Instrument :

MSVOA_N

ClientSampleId :

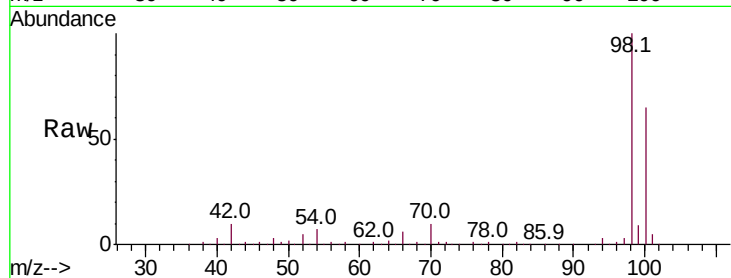
LF015MW001-190604

Tot Ion: 98 Resp: 685015

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

400000

300000

200000

100000

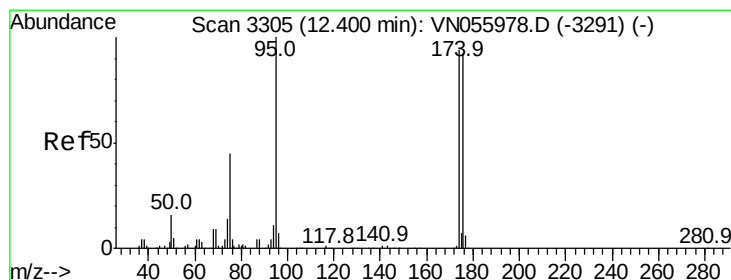
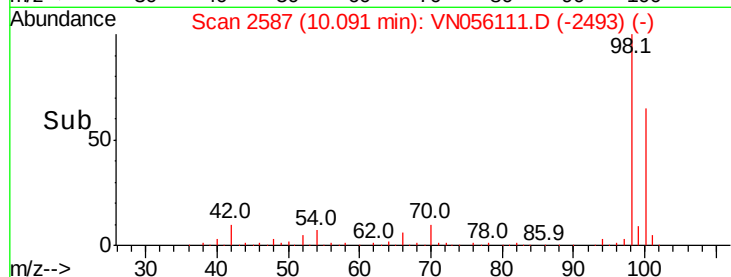
0

10.09

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 49.214 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN056111.D

Acq: 7 Jun 2019 20:35

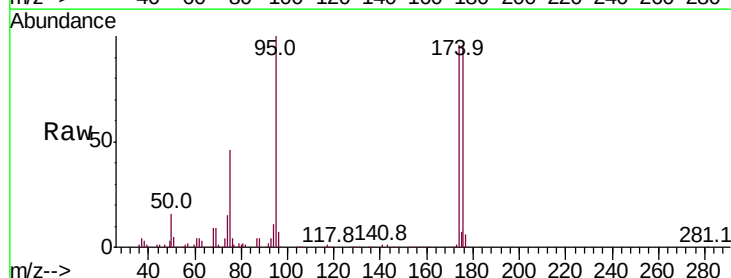
Tgt Ion: 95 Resp: 216422

Ion Ratio Lower Upper

95 100

174 95.8 0.0 191.0

176 93.4 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

100000

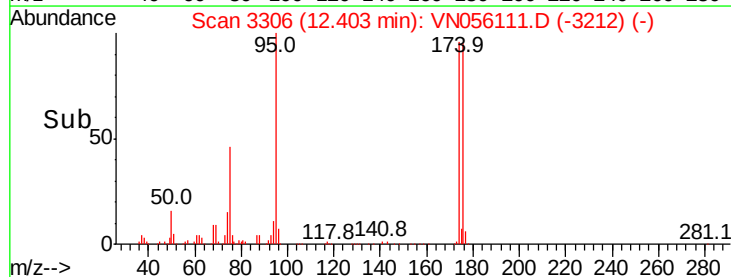
50000

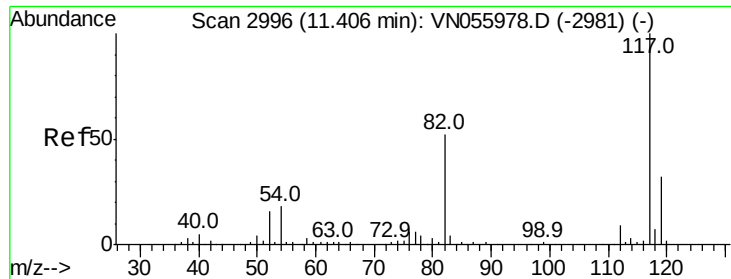
0

12.40

12.50

Time-->

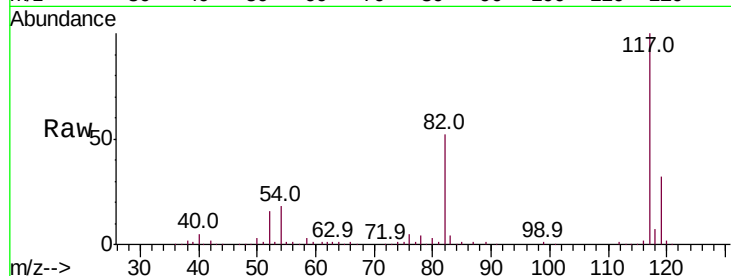




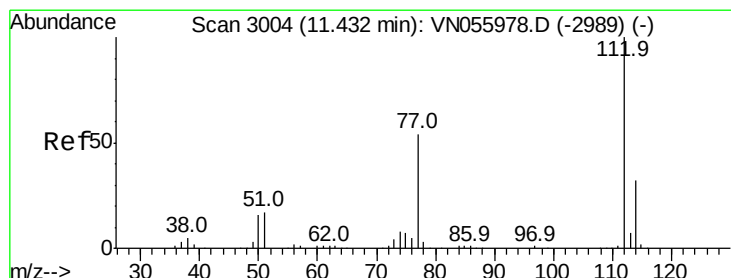
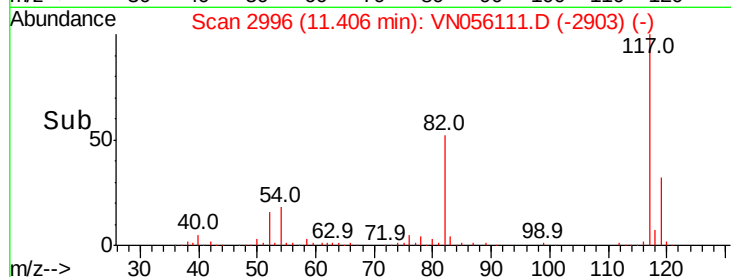
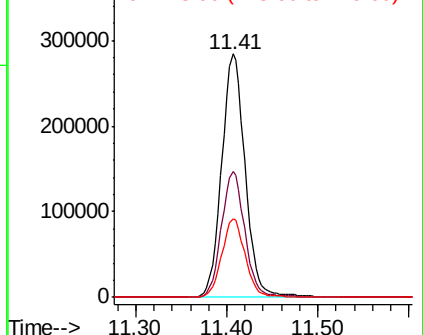
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056111.D
Acq: 7 Jun 2019 20:35

Instrument :
MSVOA_N
ClientSampleId :
LF015MW001-190604

Tot Ion:117 Resp: 510272
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.2 25.4 38.0

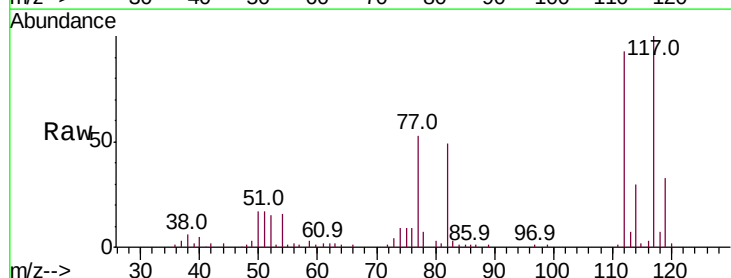


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

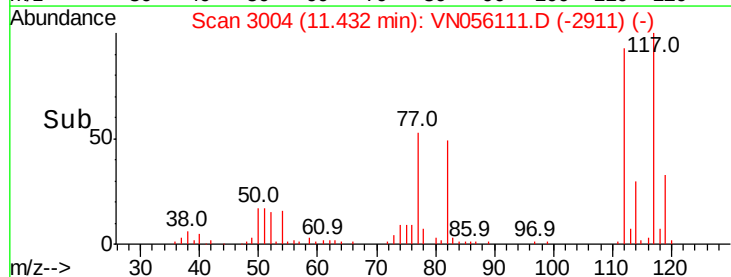
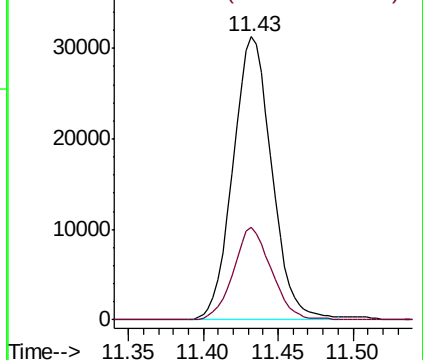


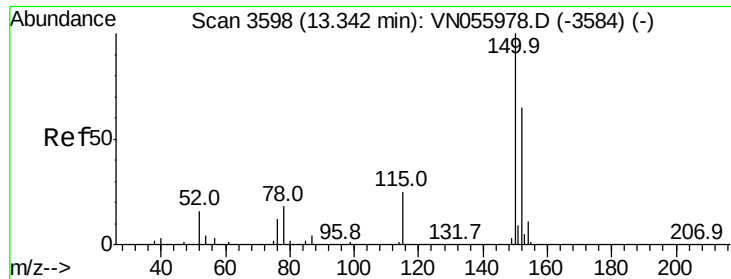
#65
Chlorobenzene
Concen: 5.577 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056111.D
Acq: 7 Jun 2019 20:35

Tgt Ion:112 Resp: 56635
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056111.D

Acq: 7 Jun 2019 20:35

Instrument :

MSVOA_N

ClientSampleId :

LF015MW001-190604

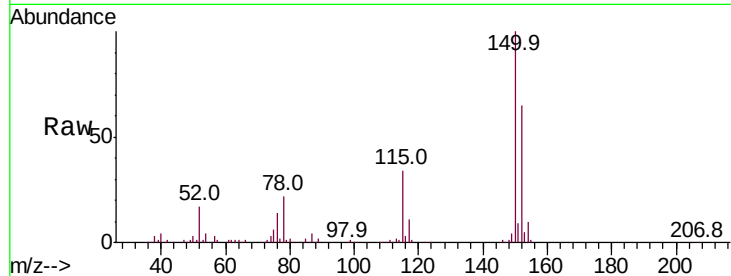
Tot Ion:152 Resp: 169544

Ion Ratio Lower Upper

152 100

115 52.6 27.0 81.0

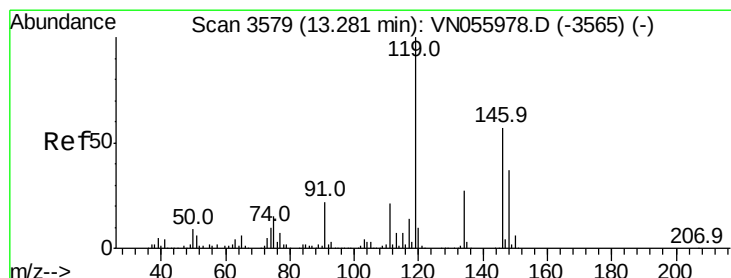
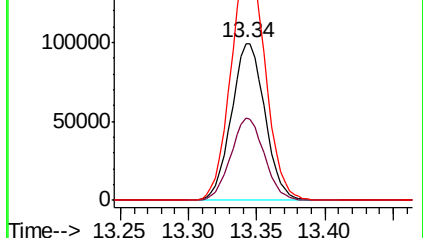
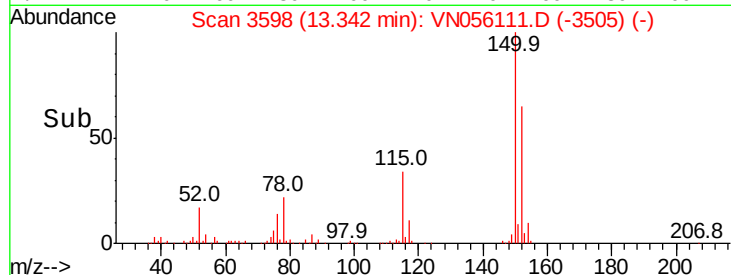
150 156.7 0.0 343.2



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



#87

1,3-Dichlorobenzene

Concen: 0.382 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN056111.D

Acq: 7 Jun 2019 20:35

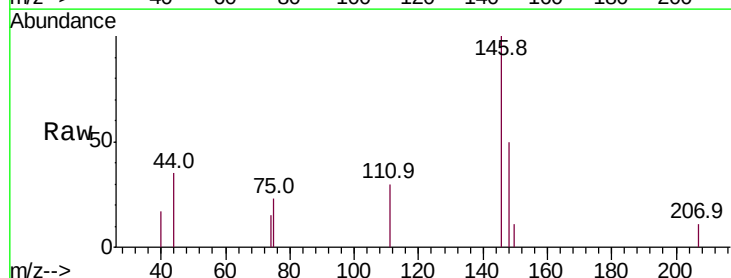
Tgt Ion:146 Resp: 2147

Ion Ratio Lower Upper

146 100

111 29.0 18.5 55.5

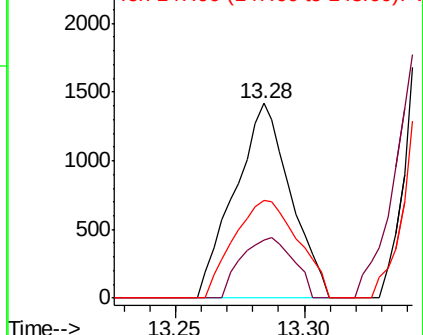
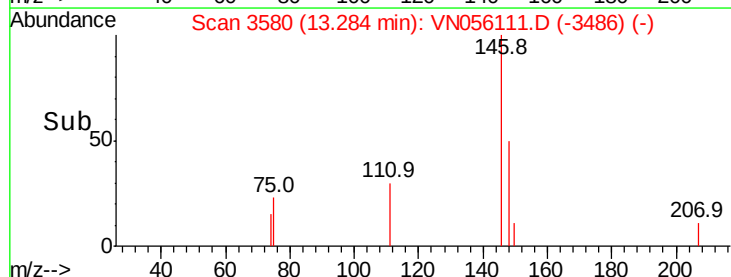
148 57.9 32.0 96.2

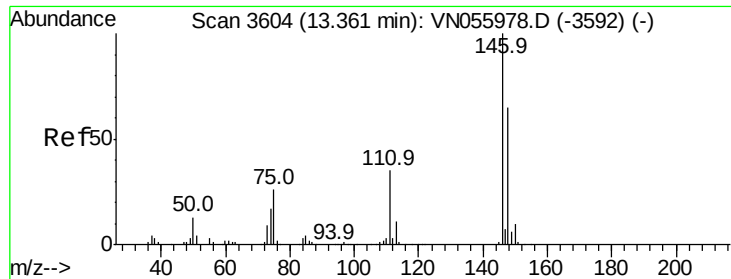


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

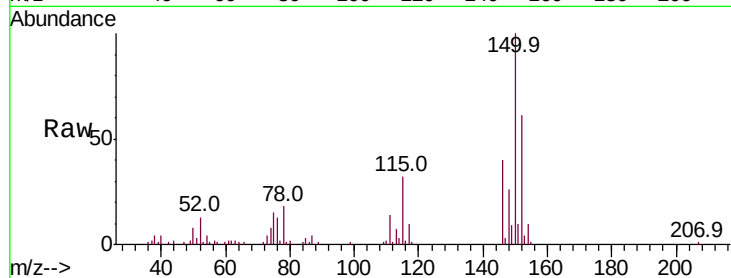




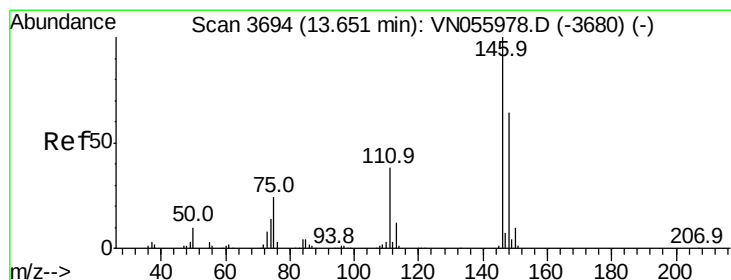
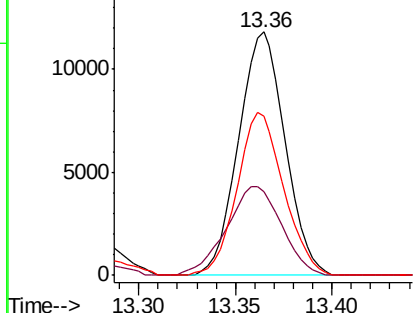
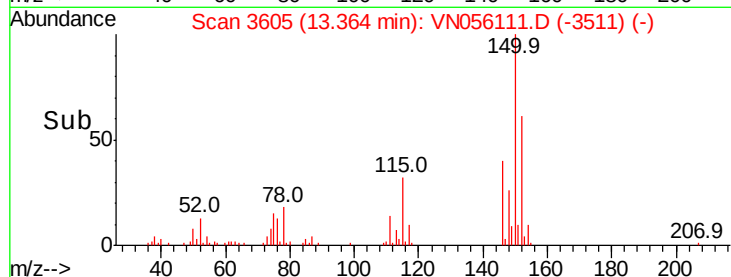
#88
 1,4-Dichlorobenzene
 Concen: 3.656 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN056111.D
 Acq: 7 Jun 2019 20:35

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW001-190604

Tot Ion:146 Resp: 19759
 Ion Ratio Lower Upper
 146 100
 111 43.2 18.1 54.4
 148 67.0 32.1 96.5

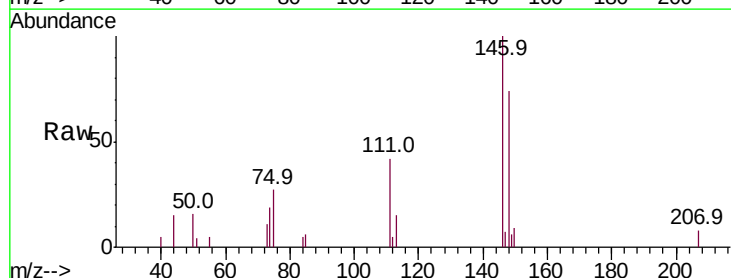


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#91
 1,2-Dichlorobenzene
 Concen: 1.125 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056111.D
 Acq: 7 Jun 2019 20:35

Tgt Ion:146 Resp: 6381
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.5
 148 67.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

