

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051256.D
 Acq On : 16 Sep 2018 5:49
 Operator : MD\SY
 Sample : J4773-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-091418-D

Quant Time: Sep 17 05:46:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	413117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	645046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	516191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152730	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	224381	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
35) Dibromofluoromethane	7.59	113	241409	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
50) Toluene-d8	10.09	98	823550	44.78	ug/l	0.00
Spiked Amount			Recovery	=	89.56%	
62) 4-Bromofluorobenzene	12.40	95	207028	34.03	ug/l	0.00
Spiked Amount			Recovery	=	68.06%	

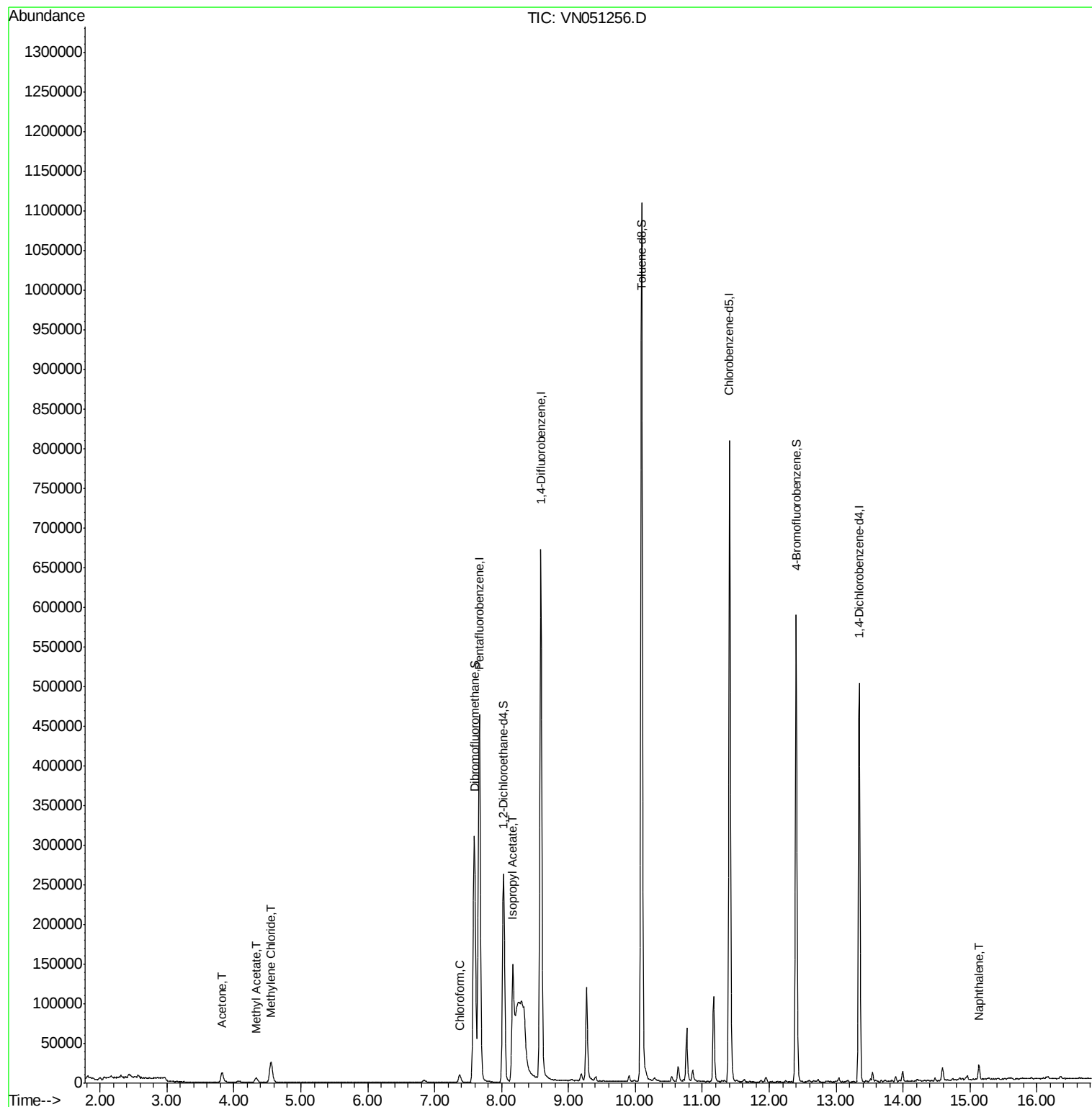
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	21138	13.06	ug/l	89
18) Methyl Acetate	4.34	43	11524	3.13	ug/l	96
20) Methylene Chloride	4.55	84	21196	4.17	ug/l	93
30) Chloroform	7.38	83	11474	1.36	ug/l	88
43) Isopropyl Acetate	8.17	43	185638	25.65	ug/l #	80
95) Naphthalene	15.13	128	16497	7.91	ug/l #	95

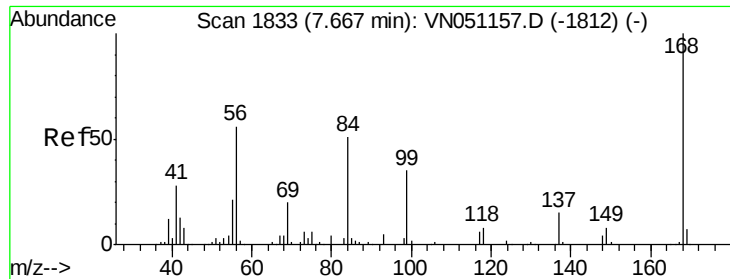
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051256.D

Acq: 16 Sep 2018 5:49

Instrument :

MSVOA_N

ClientSampleId :

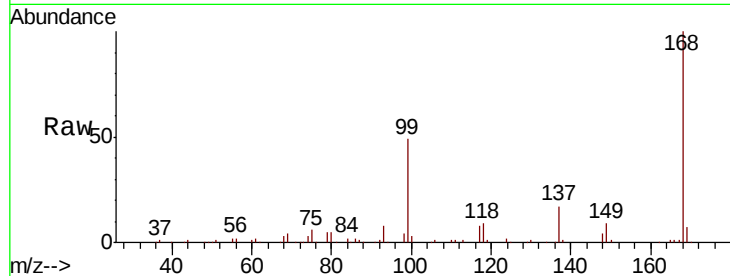
CL-01-091418-D

Tot Ion:168 Resp: 413117

Ion Ratio Lower Upper

168 100

99 49.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051157.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051157.D (-1812) (-)

7.67

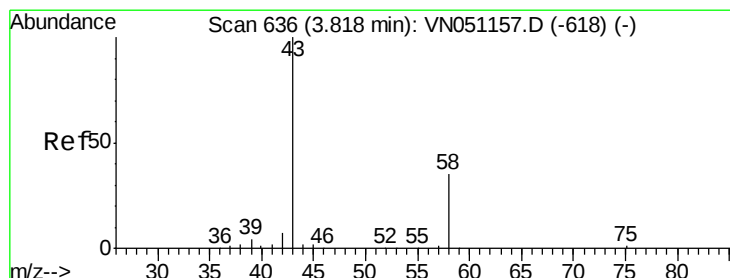
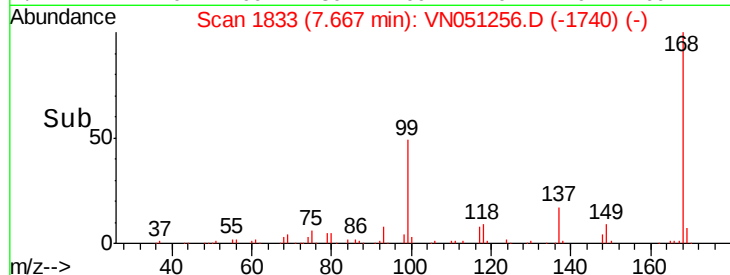
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 13.06 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051256.D

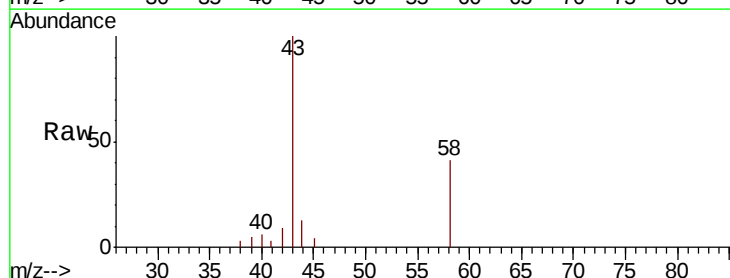
Acq: 16 Sep 2018 5:49

Tgt Ion: 43 Resp: 21138

Ion Ratio Lower Upper

43 100

58 41.2 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-618) (-)

3.82

8000

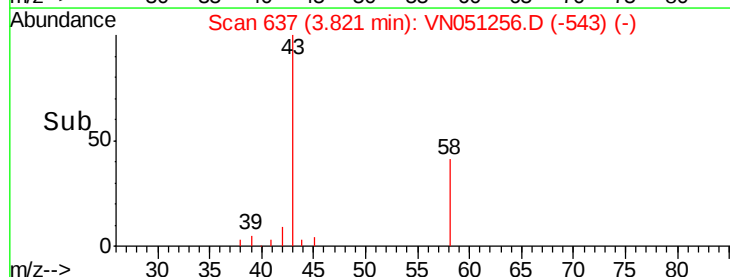
6000

4000

2000

0

Time--> 3.75 3.80 3.85 3.90

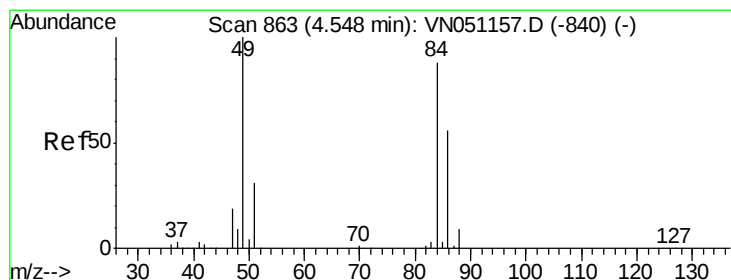
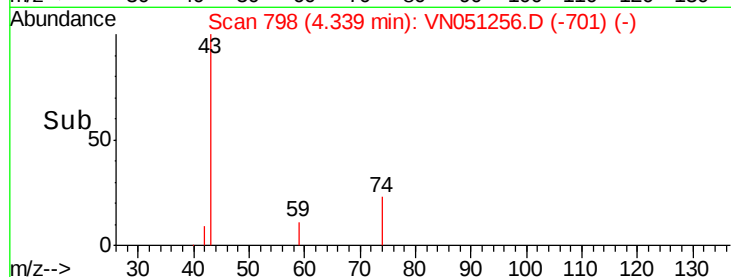
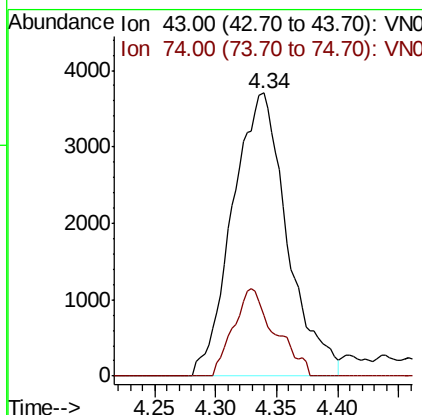
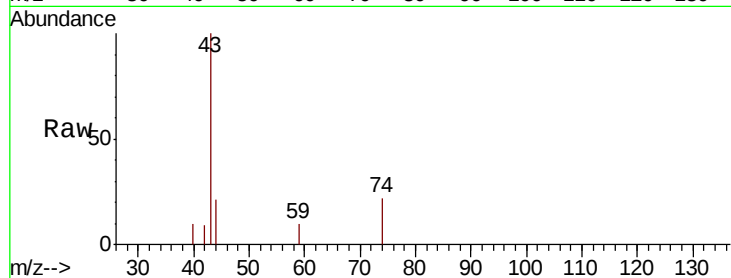




#18
Methyl Acetate
Concen: 3.13 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051256.D
Acq: 16 Sep 2018 5:49

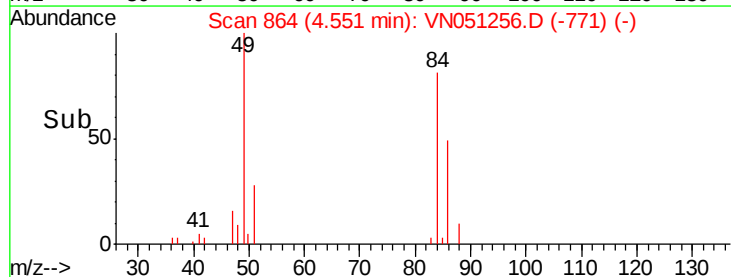
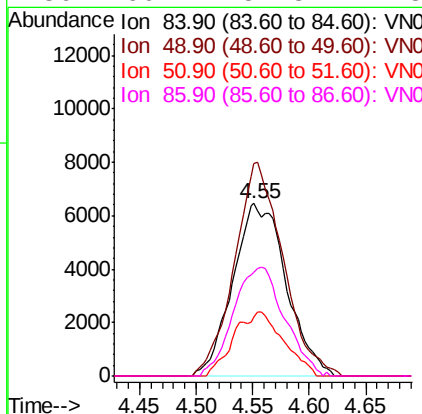
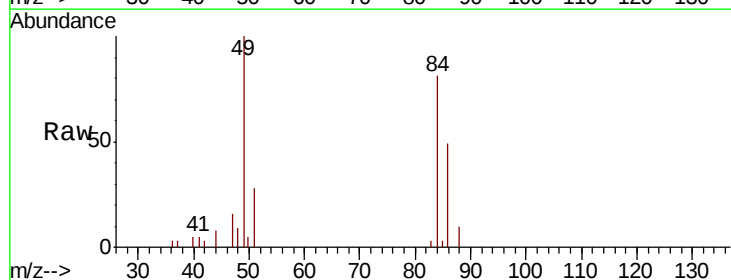
Instrument :
MSVOA_N
ClientSampleId :
CL-01-091418-D

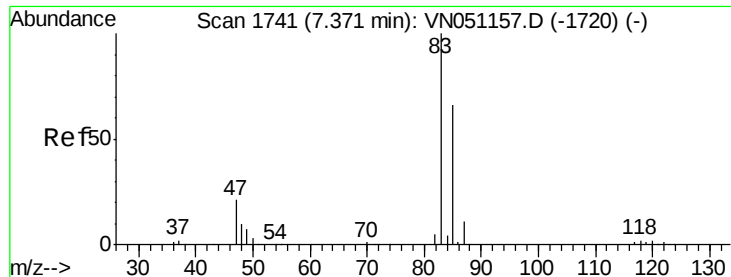
Tot Ion: 43 Resp: 11524
Ion Ratio Lower Upper
43 100
74 23.7 20.7 31.1



#20
Methylene Chloride
Concen: 4.17 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051256.D
Acq: 16 Sep 2018 5:49

Tgt Ion: 84 Resp: 21196
Ion Ratio Lower Upper
84 100
49 123.4 90.2 135.2
51 34.0 28.4 42.6
86 60.4 51.8 77.8

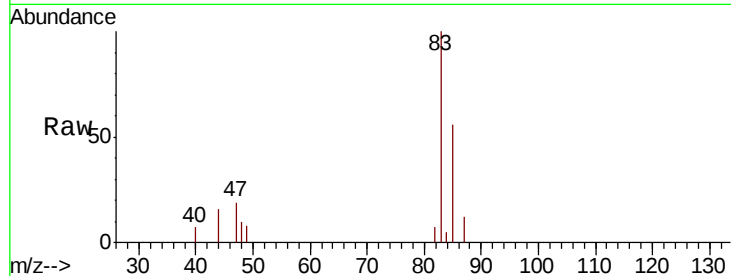




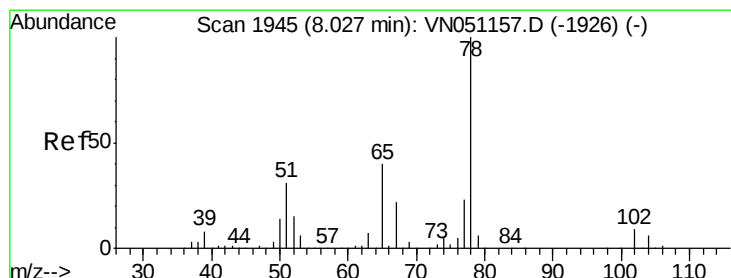
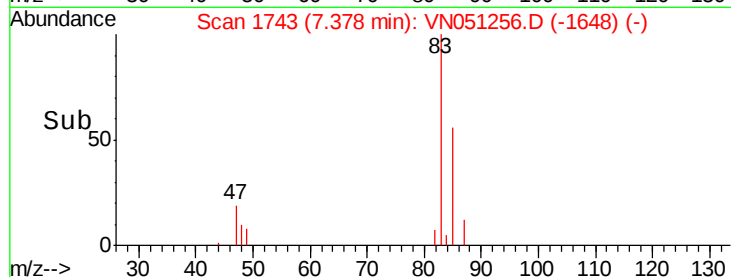
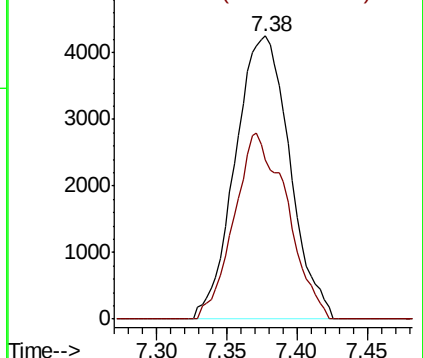
#30
Chloroform
Concen: 1.36 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN051256.D
Acq: 16 Sep 2018 5:49

Instrument :
MSVOA_N
ClientSampleId :
CL-01-091418-D

Tot Ion: 83 Resp: 11474
Ion Ratio Lower Upper
83 100
85 56.4 52.6 79.0

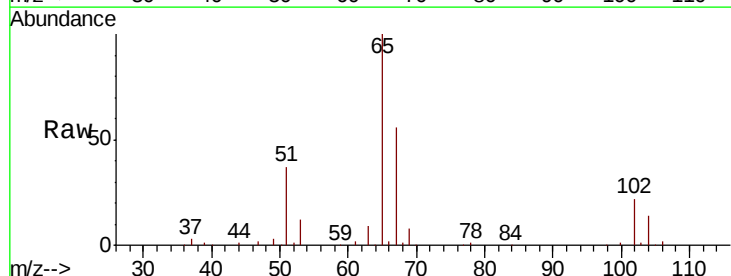


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

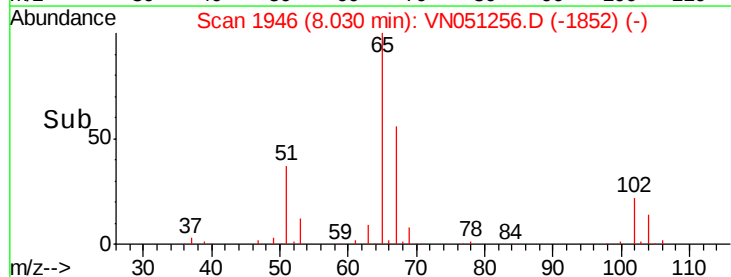
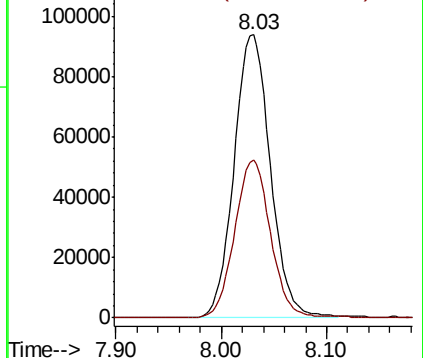


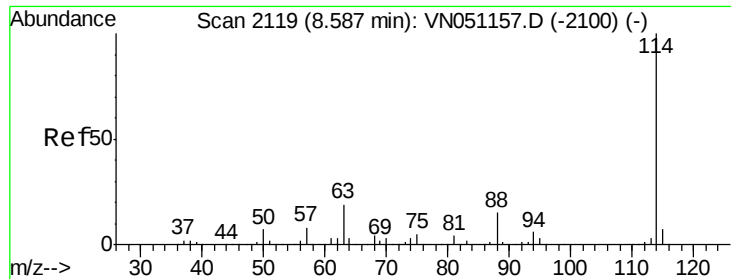
#33
1,2-Dichloroethane-d4
Concen: 48.81 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051256.D
Acq: 16 Sep 2018 5:49

Tgt Ion: 65 Resp: 224381
Ion Ratio Lower Upper
65 100
67 55.0 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

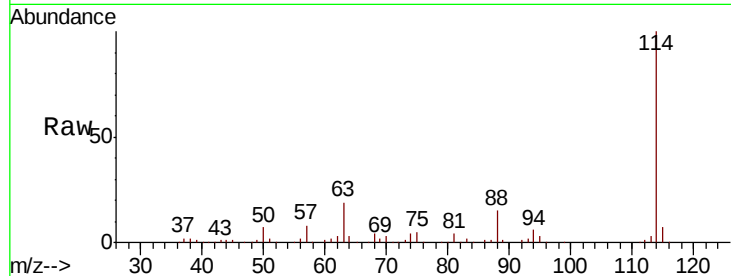




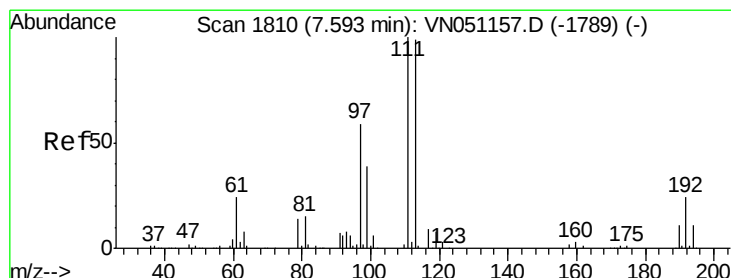
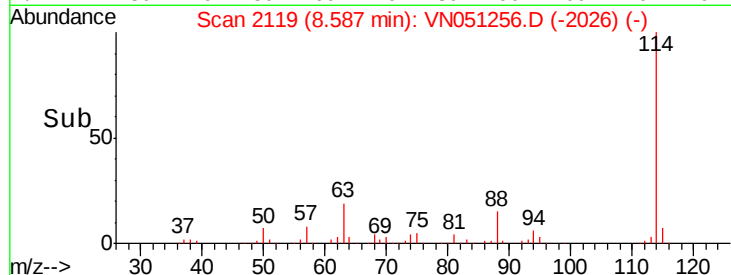
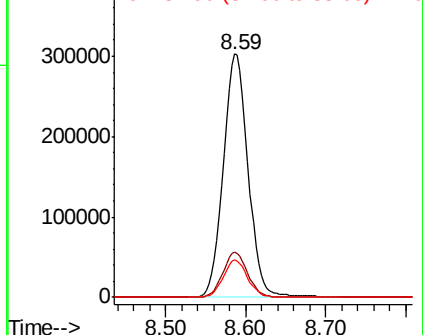
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051256.D
 Acq: 16 Sep 2018 5:49

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-091418-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	37.8
88	15.2	0.0	30.8

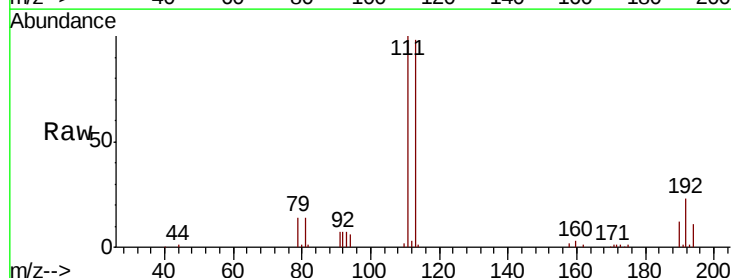


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

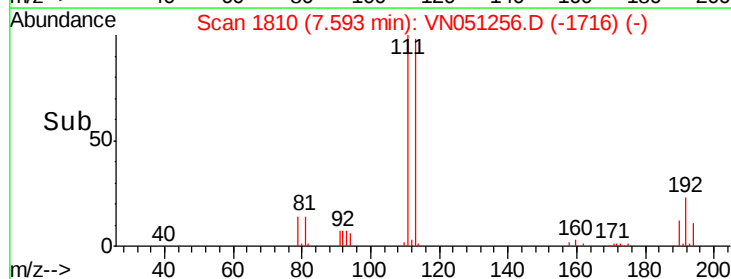
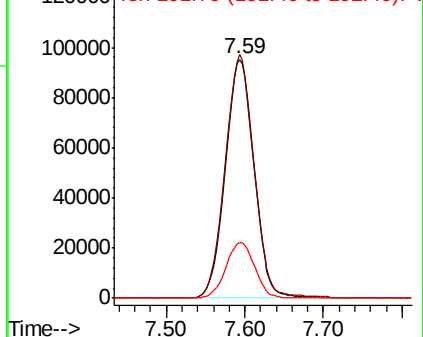


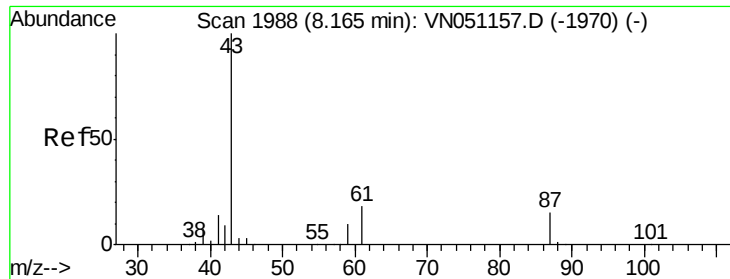
#35
 Dibromofluoromethane
 Concen: 49.81 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051256.D
 Acq: 16 Sep 2018 5:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.0	124.6
192	23.4	18.7	28.1



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





#43

Isopropyl Acetate

Concen: 25.65 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051256.D

Acq: 16 Sep 2018 5:49

Instrument :

MSVOA_N

ClientSampleId :

CL-01-091418-D

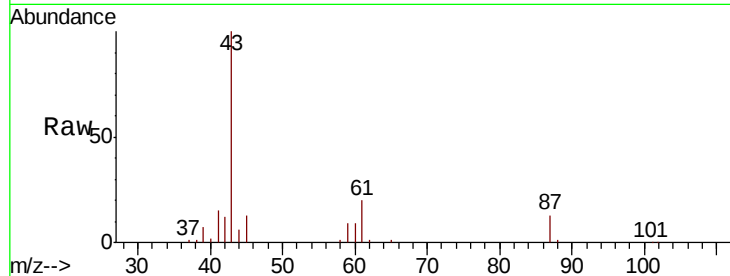
Tot Ion: 43 Resp: 185638

Ion Ratio Lower Upper

43 100

61 17.2 25.0 37.6#

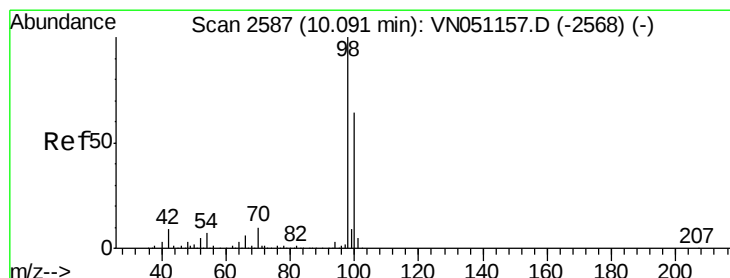
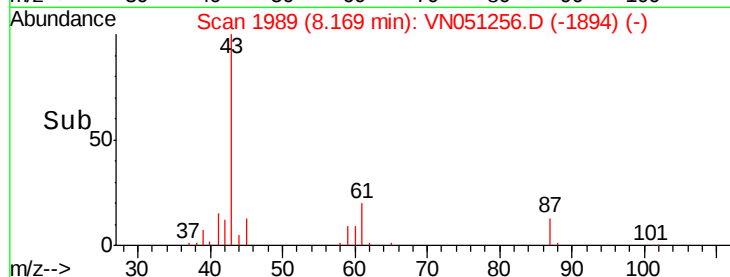
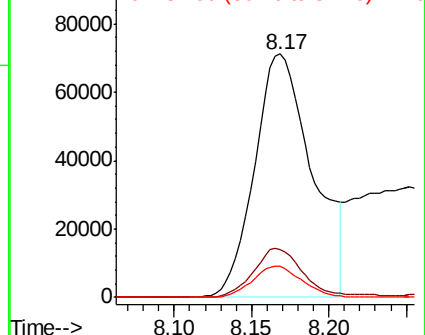
87 11.1 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051157.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051157.D (-1970) (-)



#50

Toluene-d8

Concen: 44.78 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051256.D

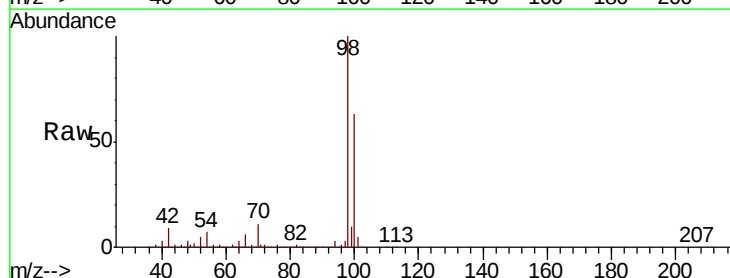
Acq: 16 Sep 2018 5:49

Tgt Ion: 98 Resp: 823550

Ion Ratio Lower Upper

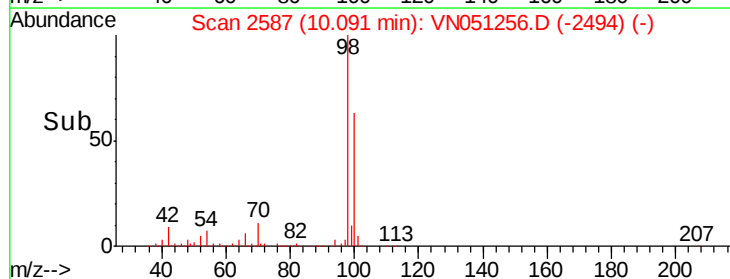
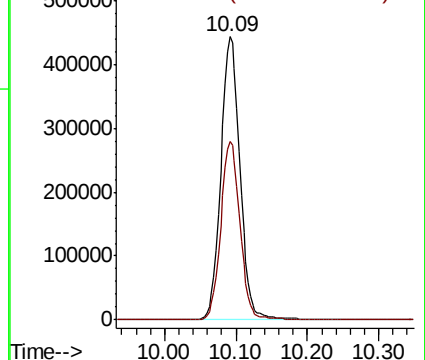
98 100

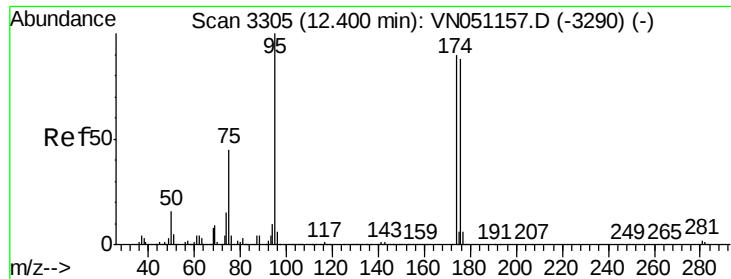
100 63.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051157.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051157.D (-2568) (-)





#62

4-Bromofluorobenzene

Concen: 34.03 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051256.D

Acq: 16 Sep 2018 5:49

Instrument :

MSVOA_N

ClientSampleId :

CL-01-091418-D

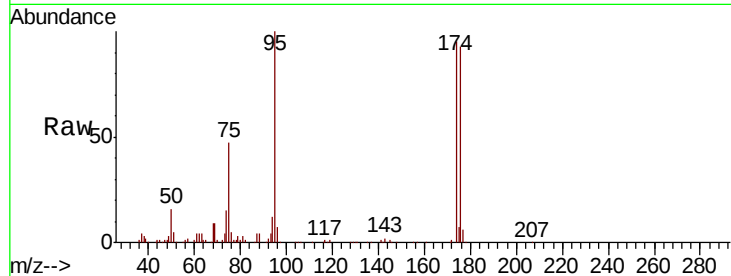
Tot Ion: 95 Resp: 207028

Ion Ratio Lower Upper

95 100

174 95.1 0.0 184.8

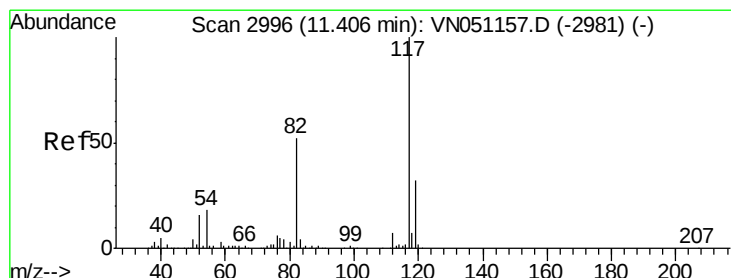
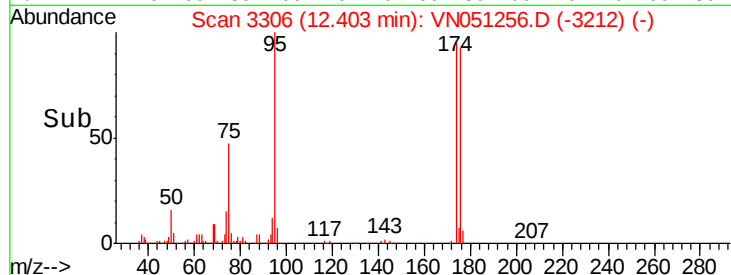
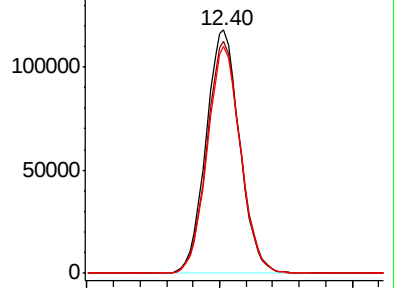
176 92.0 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051157.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051157.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051157.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051256.D

Acq: 16 Sep 2018 5:49

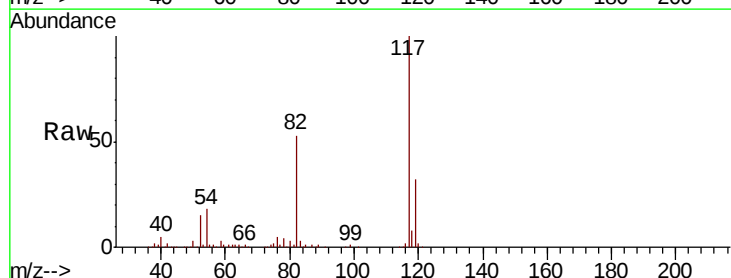
Tgt Ion: 117 Resp: 516191

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.6

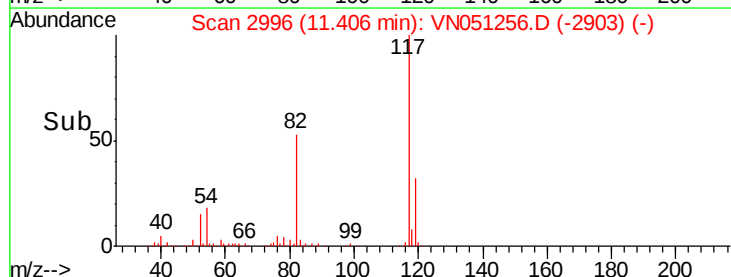
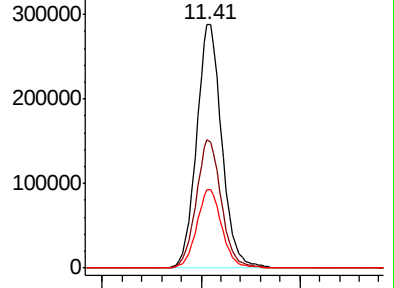
119 32.3 26.2 39.2

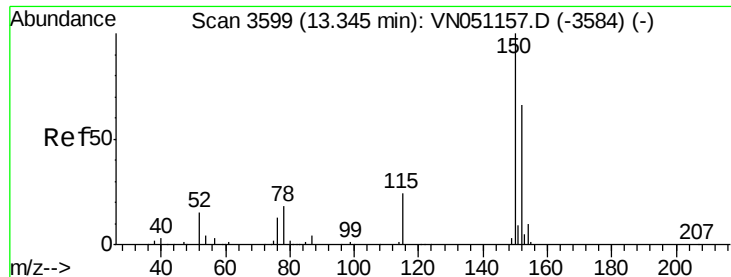


Abundance Ion 116.90 (116.60 to 117.60): VN051157.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051157.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051157.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051256.D

Acq: 16 Sep 2018 5:49

Instrument :

MSVOA_N

ClientSampleId :

CL-01-091418-D

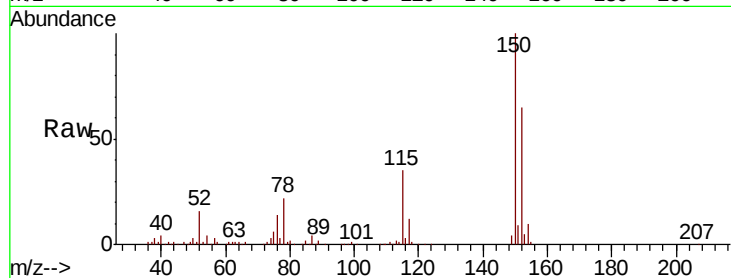
Tot Ion:152 Resp: 152730

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

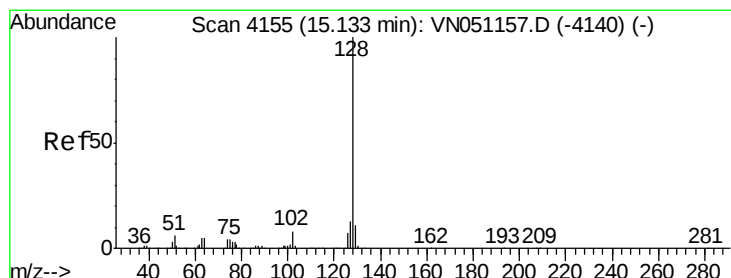
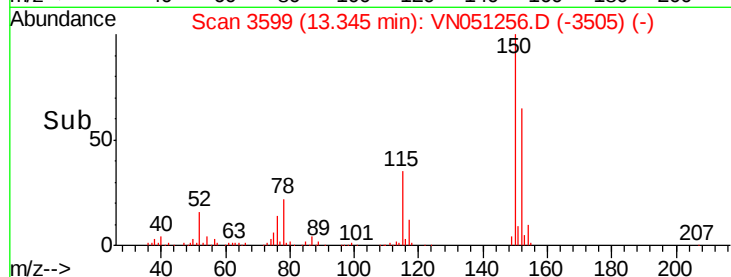
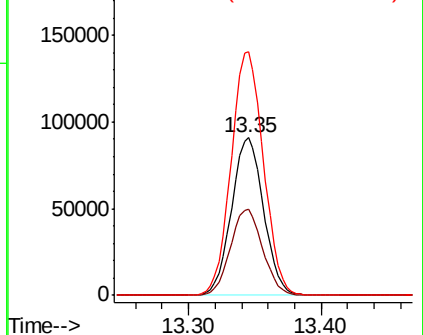
150 155.6 0.0 349.0



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



#95

Naphthalene

Concen: 7.91 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051256.D

Acq: 16 Sep 2018 5:49

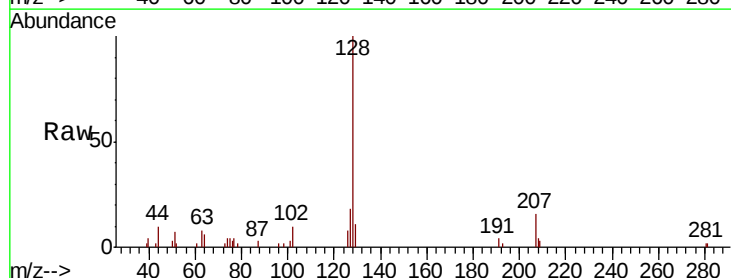
Tgt Ion:128 Resp: 16497

Ion Ratio Lower Upper

128 100

127 16.5 10.6 15.8#

129 11.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

