

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050755.D
 Acq On : 18 Aug 2018 6:37
 Operator : MD\SY
 Sample : J4521-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-12003

Quant Time: Aug 20 00:59:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

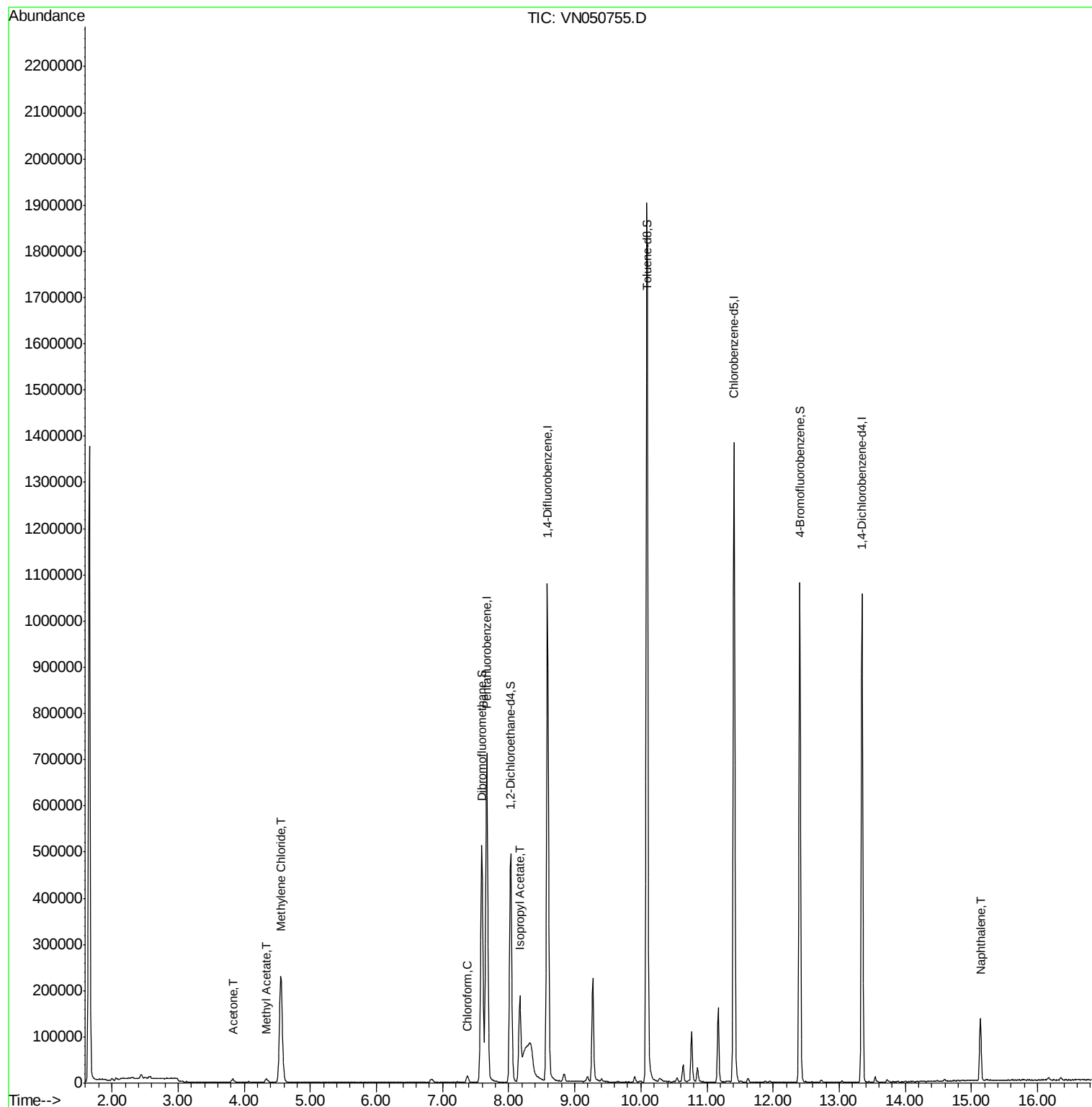
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	612207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1014324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	862458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	418651	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
35) Dibromofluoromethane	7.59	113	391586	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	10.09	98	1391445	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
62) 4-Bromofluorobenzene	12.40	95	368806	36.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.26%	
Target Compounds						
16) Acetone	3.83	43	13030	5.34	ug/l #	86
18) Methyl Acetate	4.34	43	15840	1.97	ug/l #	89
20) Methylene Chloride	4.55	84	183455	24.36	ug/l	98
30) Chloroform	7.37	83	16047	1.16	ug/l	96
43) Isopropyl Acetate	8.17	43	229793	19.76	ug/l	98
95) Naphthalene	15.14	128	120228	13.47	ug/l	98

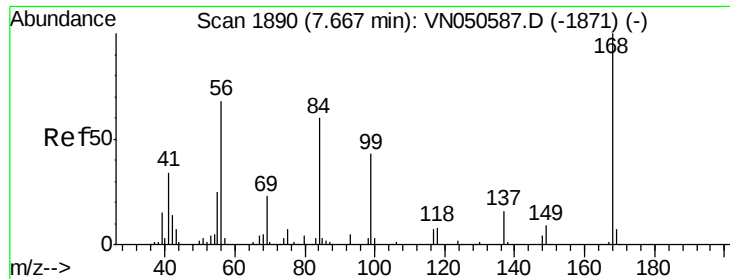
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050755.D

Acq: 18 Aug 2018 6:37

Instrument :

MSVOA_N

ClientSampleId :

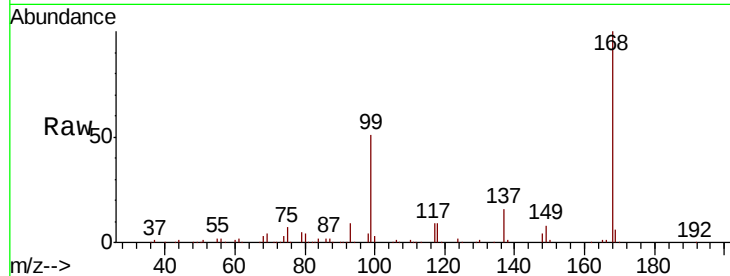
72-12003

Tot Ion:168 Resp: 612207

Ion Ratio Lower Upper

168 100

99 50.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

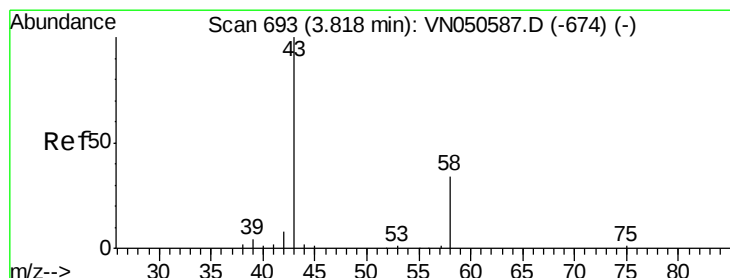
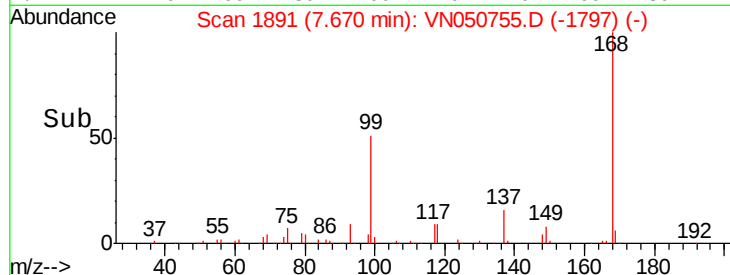
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.34 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050755.D

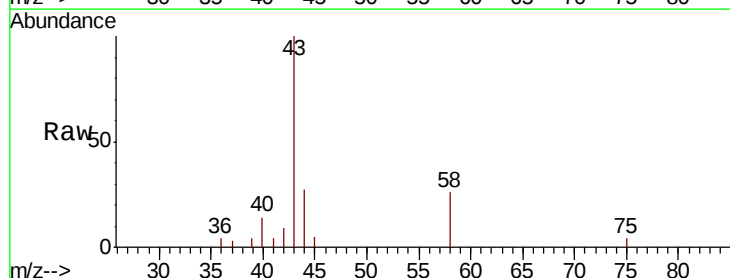
Acq: 18 Aug 2018 6:37

Tgt Ion: 43 Resp: 13030

Ion Ratio Lower Upper

43 100

58 26.1 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

5000

4000

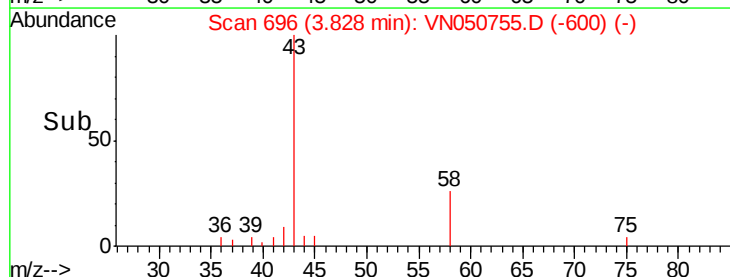
3000

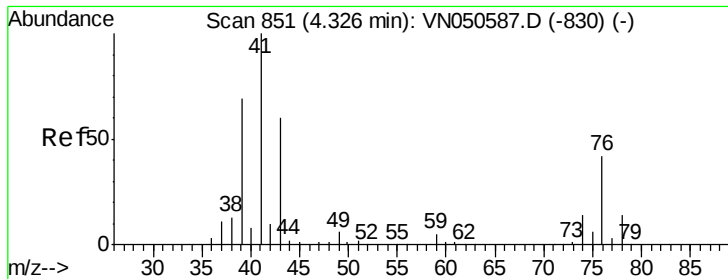
2000

1000

0

Time-->

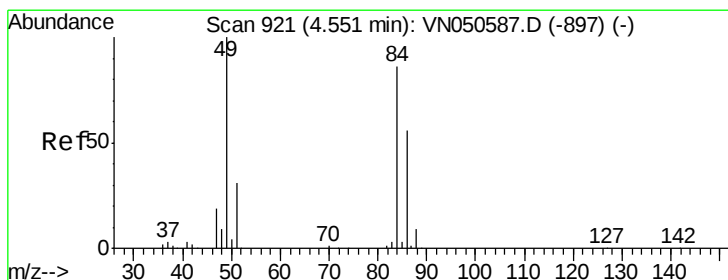
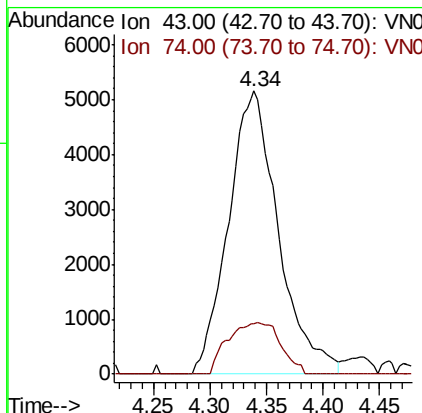
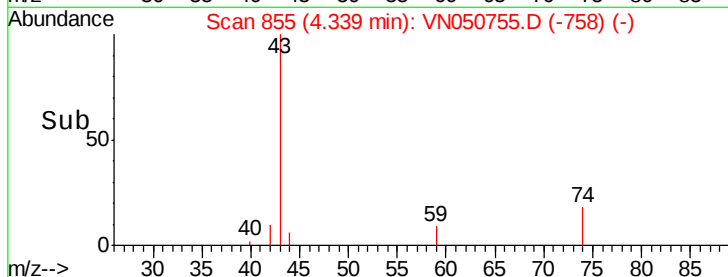
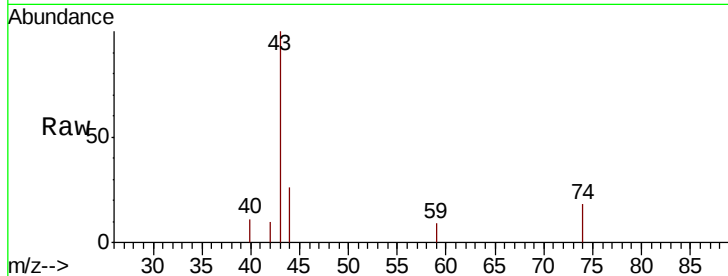




#18
Methyl Acetate
Concen: 1.97 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050755.D
Acq: 18 Aug 2018 6:37

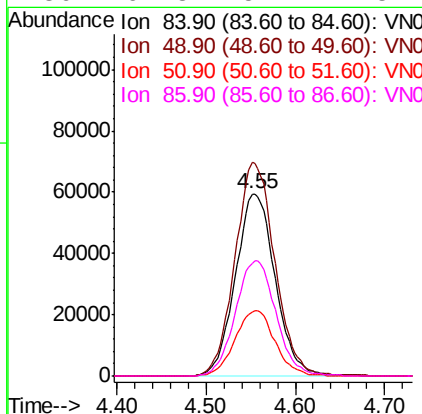
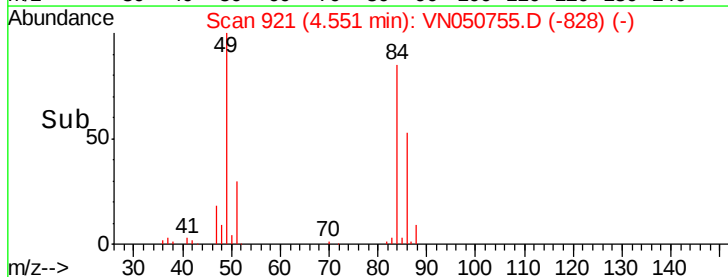
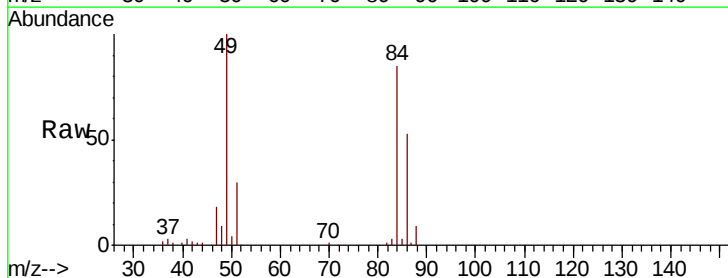
Instrument :
MSVOA_N
ClientSampleId :
72-12003

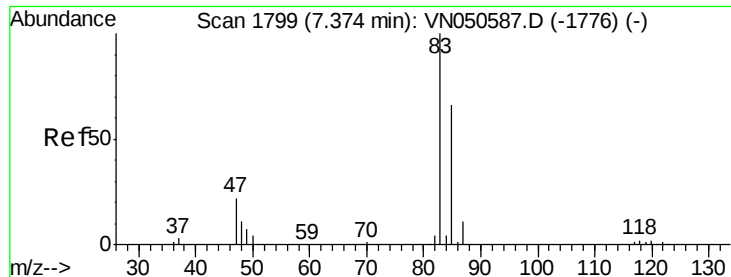
Tot Ion: 43 Resp: 15840
Ion Ratio Lower Upper
43 100
74 19.1 19.7 29.5#



#20
Methylene Chloride
Concen: 24.36 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050755.D
Acq: 18 Aug 2018 6:37

Tgt Ion: 84 Resp: 183455
Ion Ratio Lower Upper
84 100
49 117.3 92.6 138.8
51 35.4 28.6 43.0
86 61.8 52.2 78.2

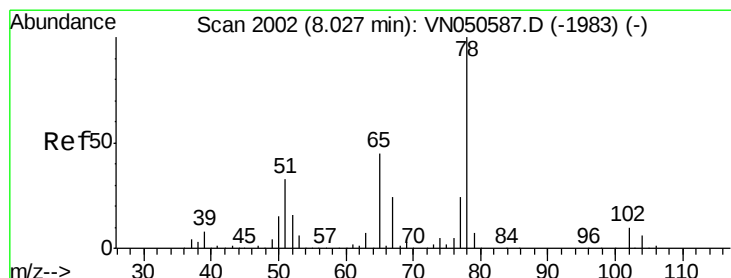
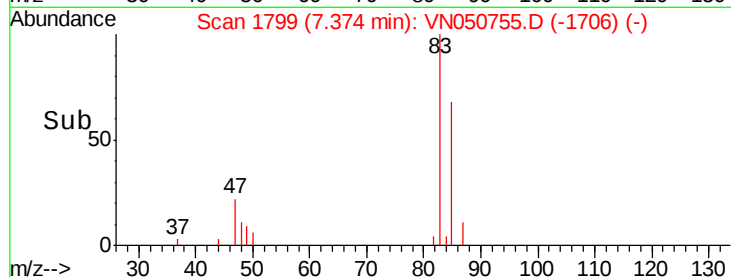
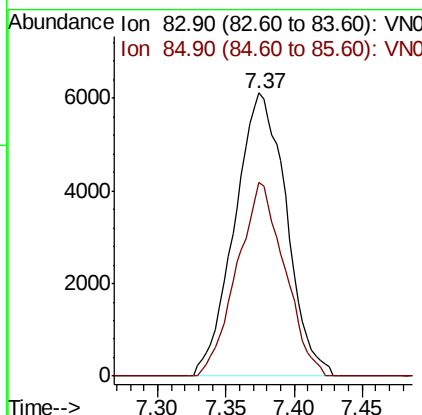
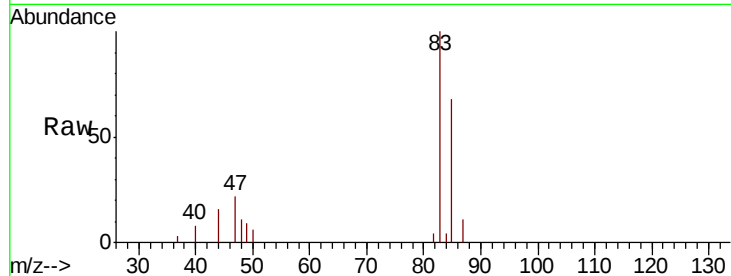




#30
Chloroform
Concen: 1.16 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050755.D
Acq: 18 Aug 2018 6:37

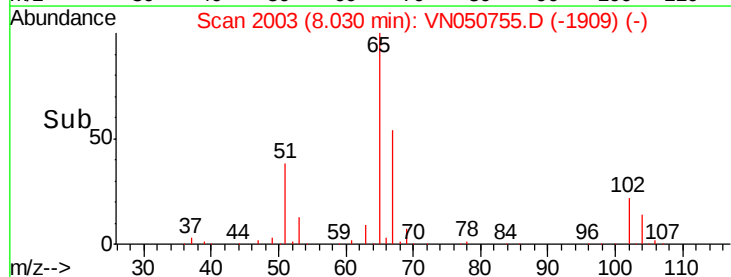
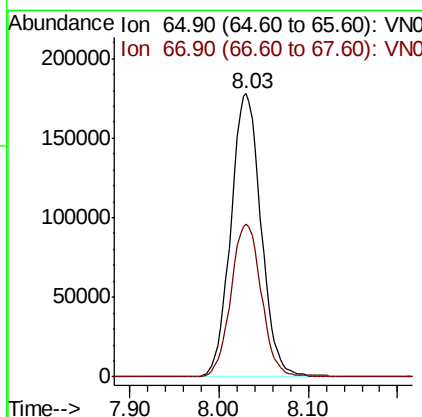
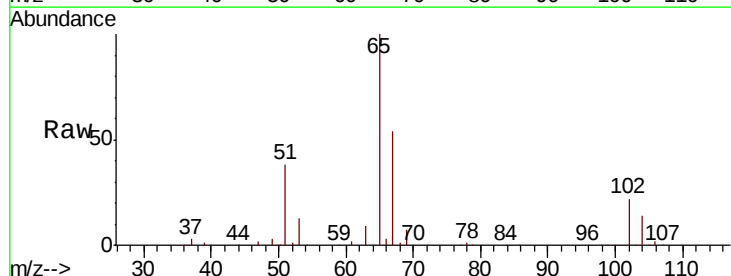
Instrument :
MSVOA_N
ClientSampleId :
72-12003

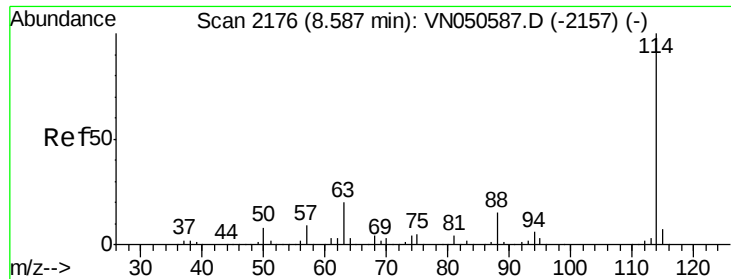
Tot Ion: 83 Resp: 16047
Ion Ratio Lower Upper
83 100
85 68.4 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 54.25 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050755.D
Acq: 18 Aug 2018 6:37

Tgt Ion: 65 Resp: 418651
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.8

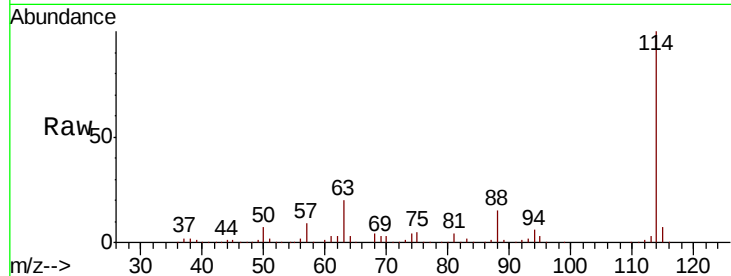




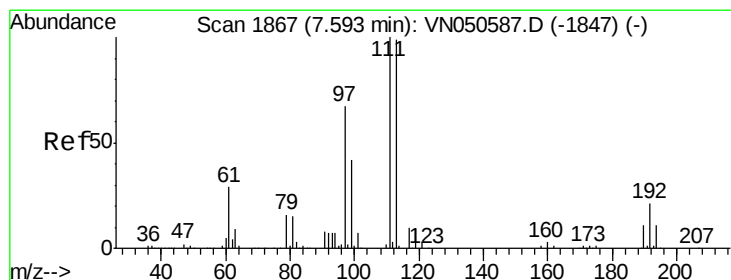
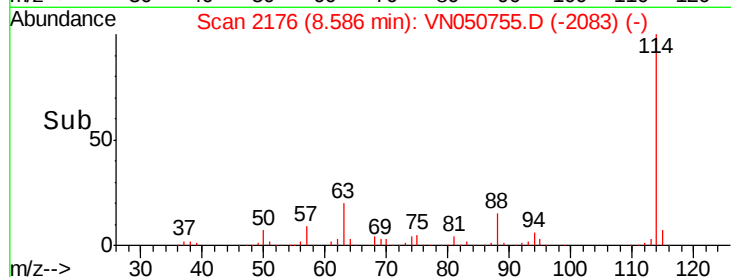
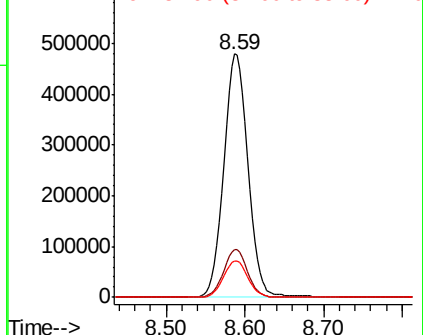
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050755.D
 Acq: 18 Aug 2018 6:37

Instrument :
 MSVOA_N
 ClientSampleId :
 72-12003

Tot Ion:114 Resp: 1014324
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.2 0.0 30.8

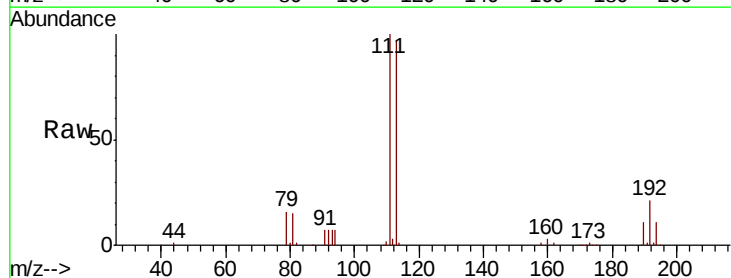


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

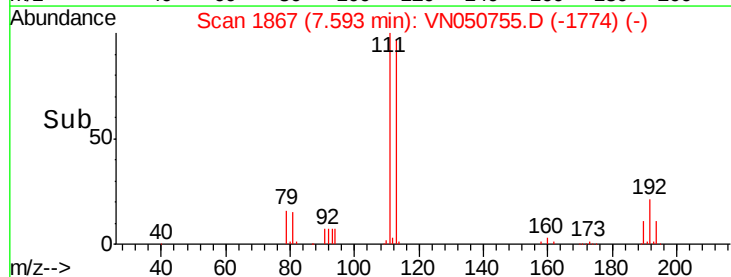
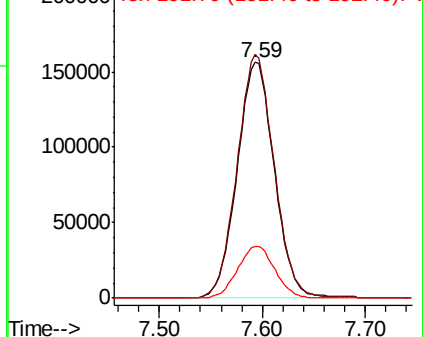


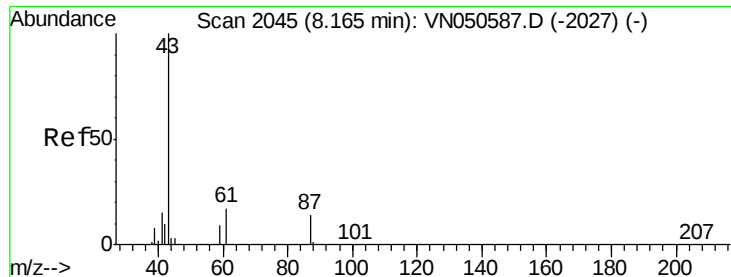
#35
 Dibromofluoromethane
 Concen: 48.36 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050755.D
 Acq: 18 Aug 2018 6:37

Tgt Ion:113 Resp: 391586
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.0 121.6
 192 22.1 17.6 26.4



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: 19.76 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050755.D

Acq: 18 Aug 2018 6:37

Instrument :

MSVOA_N

ClientSampleId :

72-12003

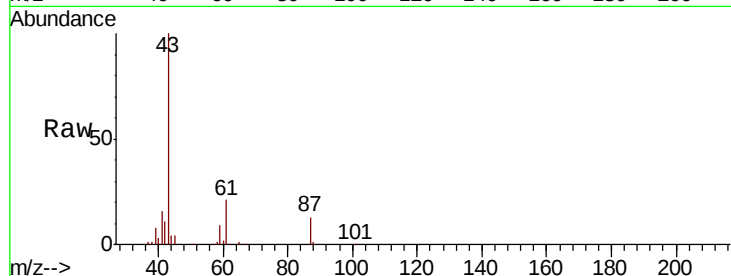
Tot Ion: 43 Resp: 229793

Ion Ratio Lower Upper

43 100

61 19.4 16.2 24.2

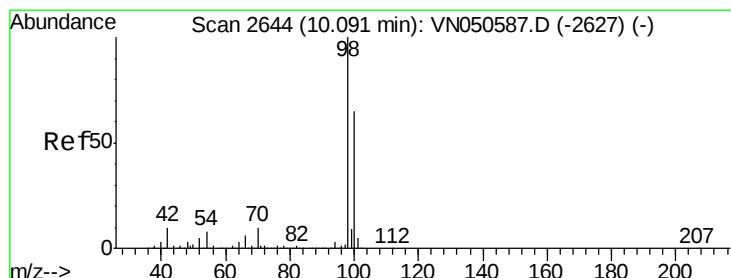
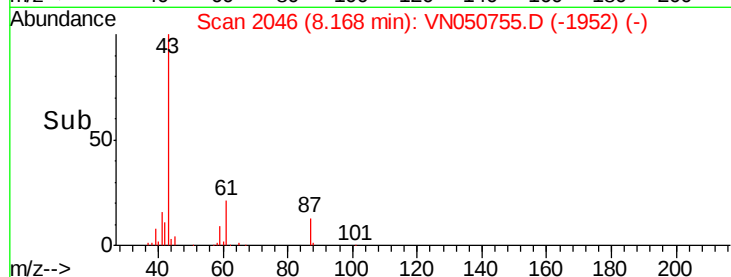
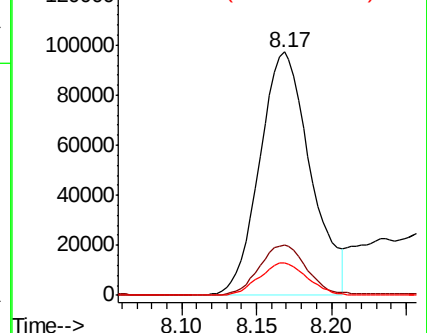
87 12.6 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#50

Toluene-d8

Concen: 45.66 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050755.D

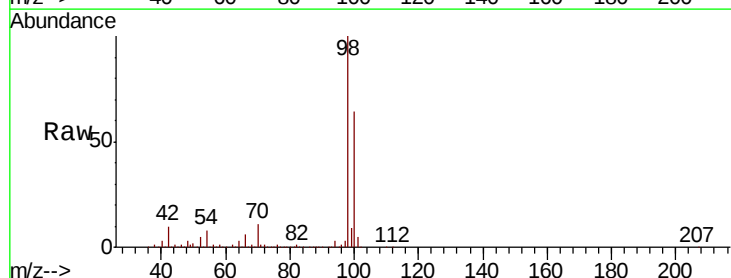
Acq: 18 Aug 2018 6:37

Tgt Ion: 98 Resp: 1391445

Ion Ratio Lower Upper

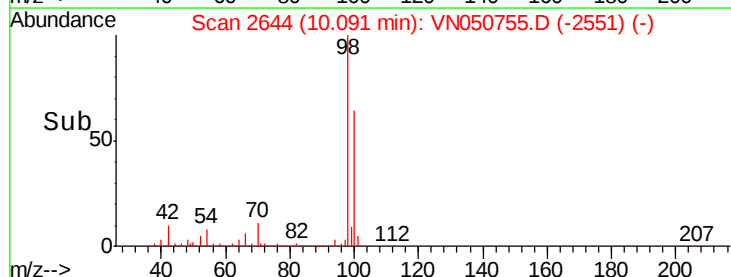
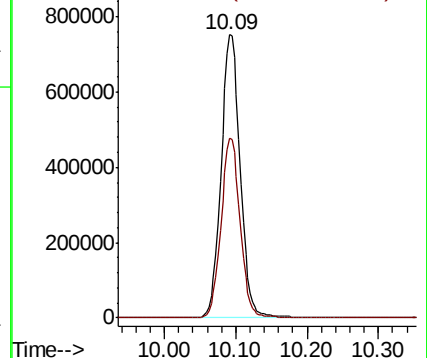
98 100

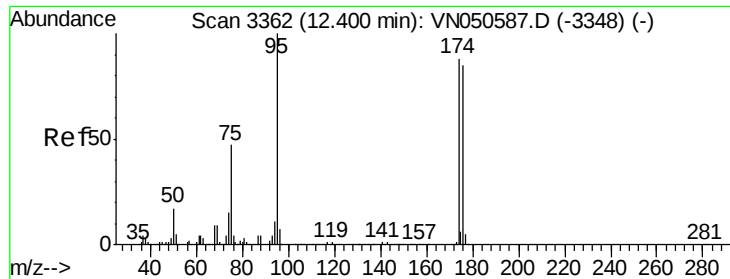
100 63.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)

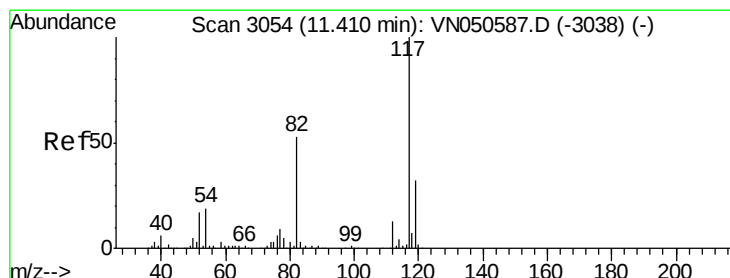
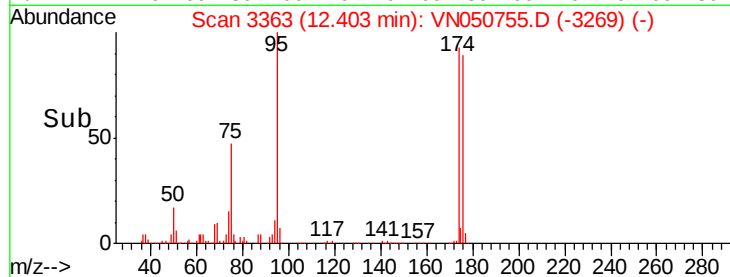
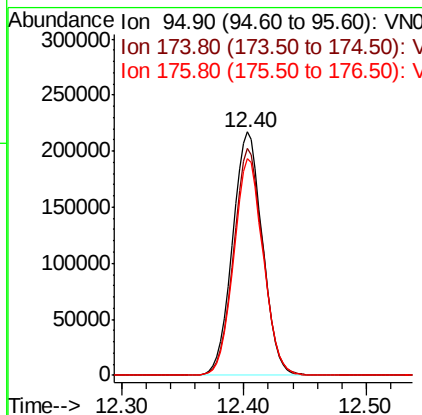
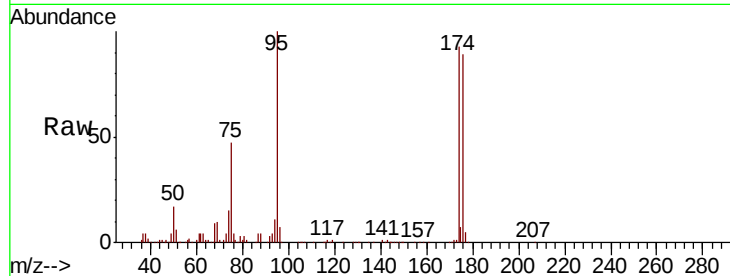




#62
4-Bromofluorobenzene
Concen: 36.63 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050755.D
Acq: 18 Aug 2018 6:37

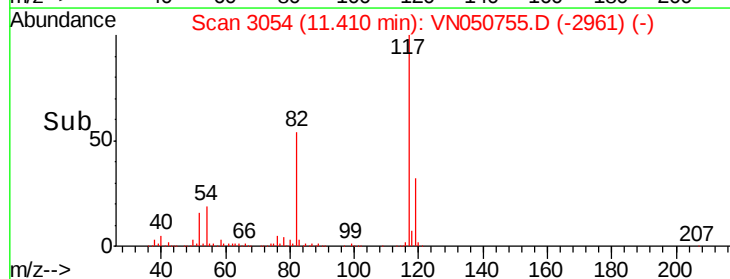
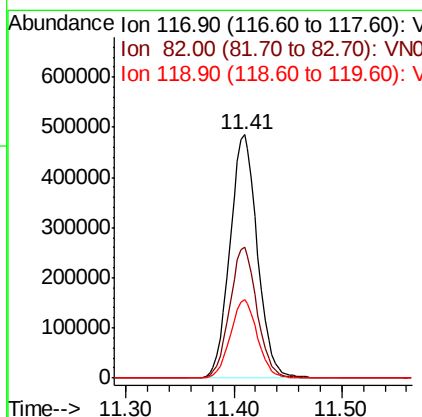
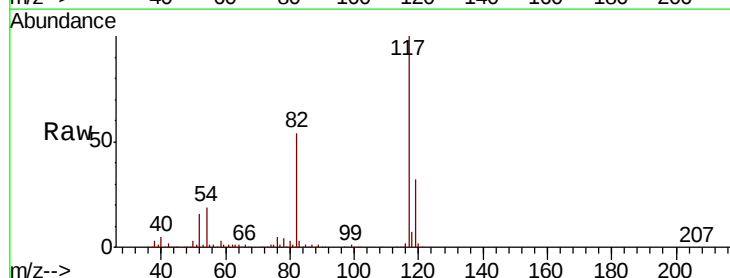
Instrument :
MSVOA_N
ClientSampled :
72-12003

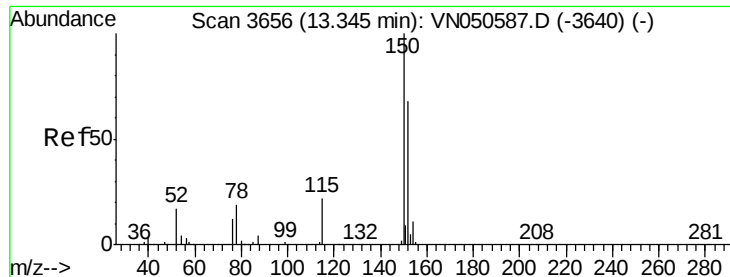
Tot Ion: 95 Resp: 368806
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.8
176 87.9 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050755.D
Acq: 18 Aug 2018 6:37

Tgt Ion: 117 Resp: 862458
Ion Ratio Lower Upper
117 100
82 53.8 42.4 63.6
119 32.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050755.D

Acq: 18 Aug 2018 6:37

Instrument :

MSVOA_N

ClientSampleId :

72-12003

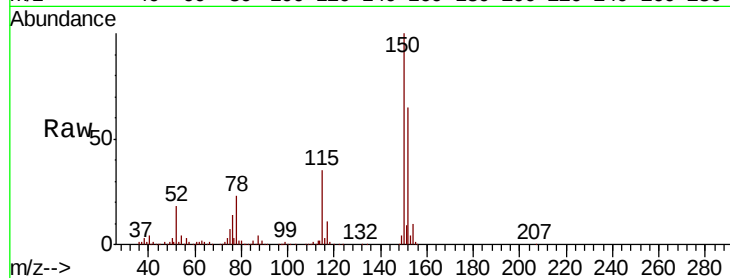
Tot Ion:152 Resp: 300242

Ion Ratio Lower Upper

152 100

115 54.9 28.1 84.2

150 155.1 0.0 347.8

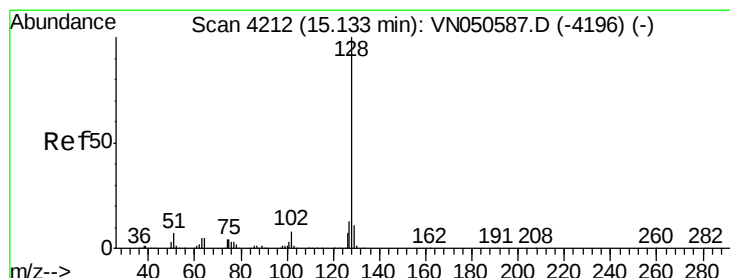
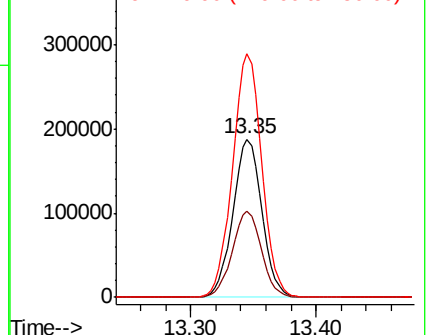
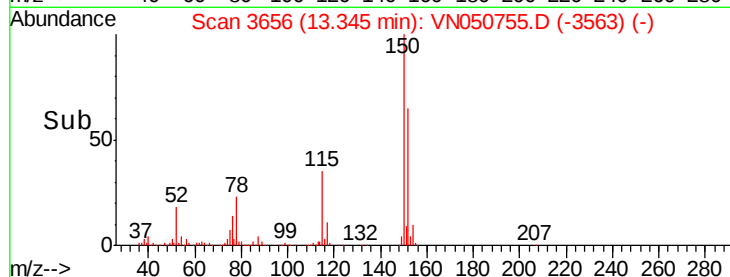


Abundance

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: 13.47 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050755.D

Acq: 18 Aug 2018 6:37

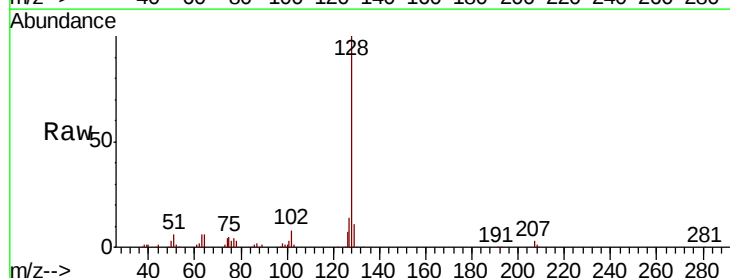
Tgt Ion:128 Resp: 120228

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 10.9 8.5 12.7



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

