

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050142.D
 Acq On : 27 Jul 2018 20:22
 Operator : MD\SY
 Sample : PB111513ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#02

Quant Time: Jul 28 00:57:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

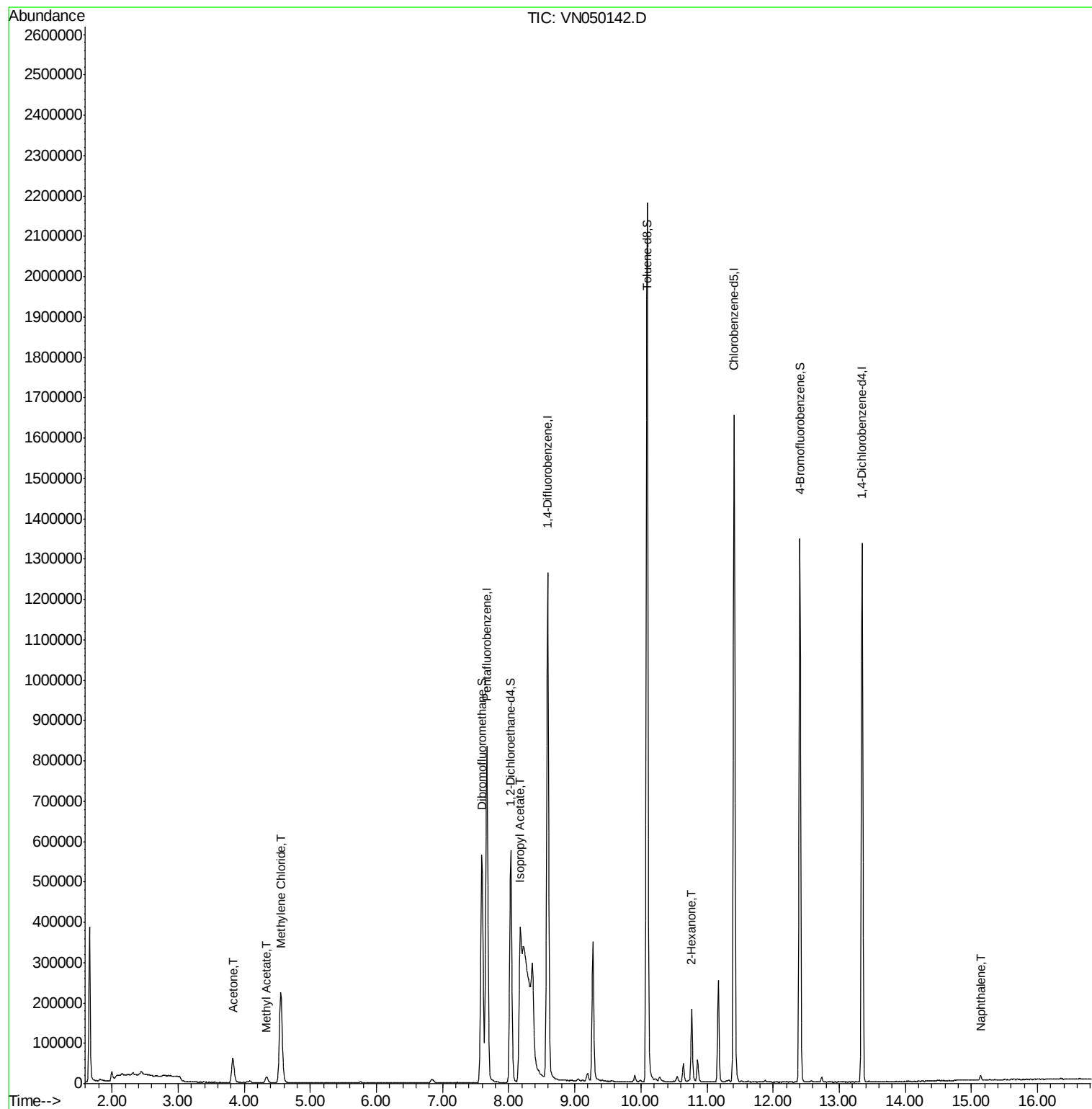
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	722973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1166703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	995454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	381468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	488779	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	7.60	113	431224	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
50) Toluene-d8	10.09	98	1577566	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
62) 4-Bromofluorobenzene	12.40	95	461454	40.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.04%	
Target Compounds						
16) Acetone	3.83	43	105206	40.642	ug/l	Qvalue 100
18) Methyl Acetate	4.34	43	24797	1.089	ug/l	93
20) Methylene Chloride	4.55	84	175619	18.855	ug/l	98
43) Isopropyl Acetate	8.17	43	510803	29.101	ug/l #	86
59) 2-Hexanone	10.77	43	26093	9.034	ug/l #	55
95) Naphthalene	15.14	128	8894	4.881	ug/l #	96

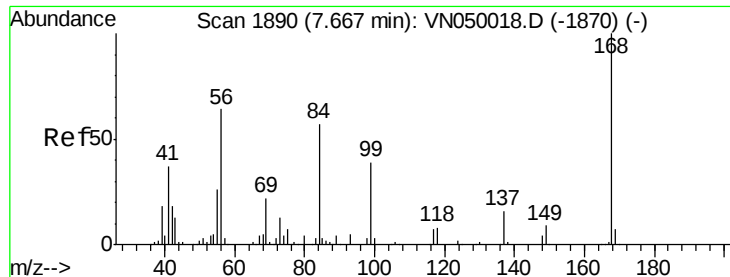
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050142.D

Acq: 27 Jul 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

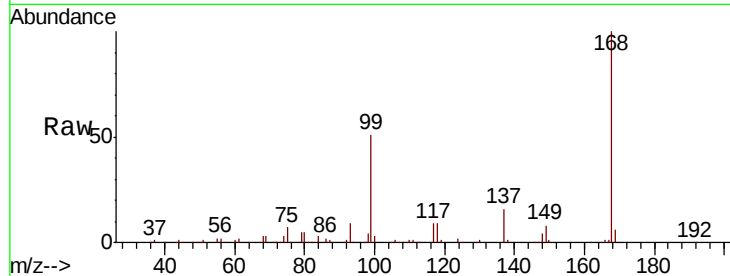
PB111513ZHE#02

Tot Ion:168 Resp: 722973

Ion Ratio Lower Upper

168 100

99 50.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

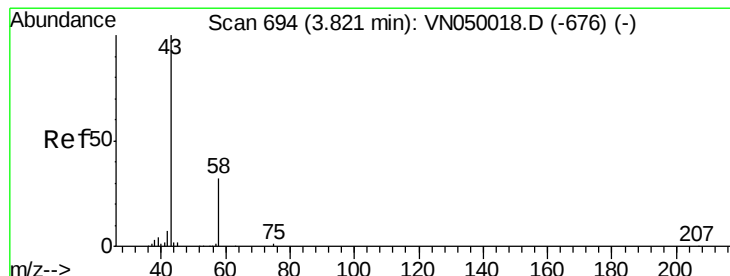
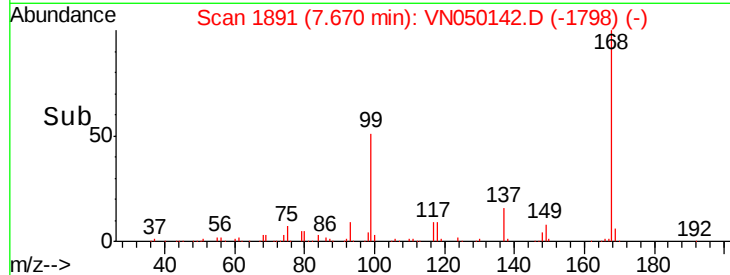
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 40.642 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050142.D

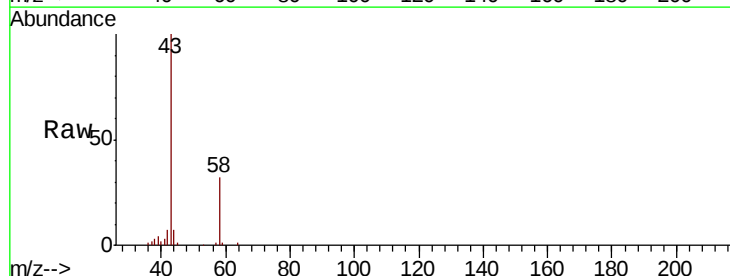
Acq: 27 Jul 2018 20:22

Tgt Ion: 43 Resp: 105206

Ion Ratio Lower Upper

43 100

58 32.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

40000

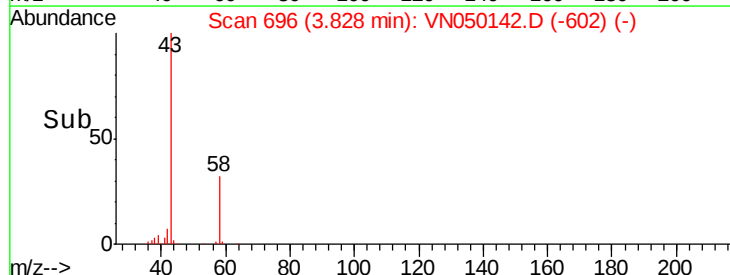
30000

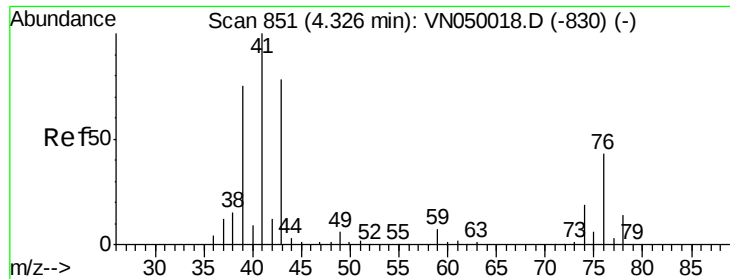
20000

10000

0

Time-->

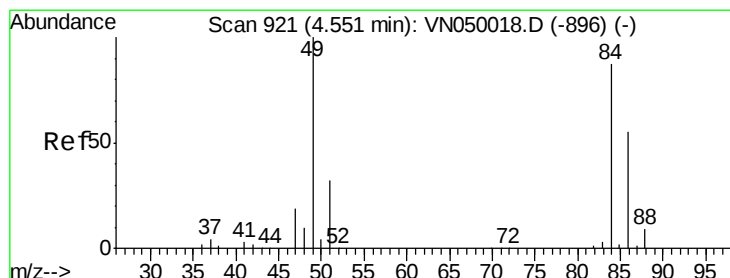
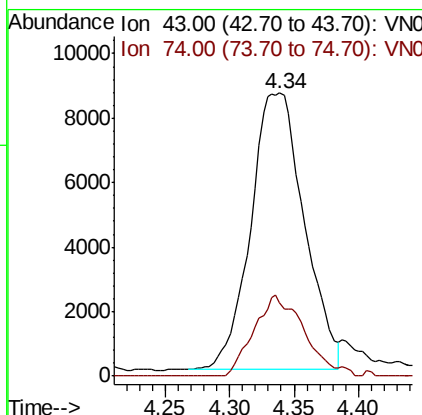
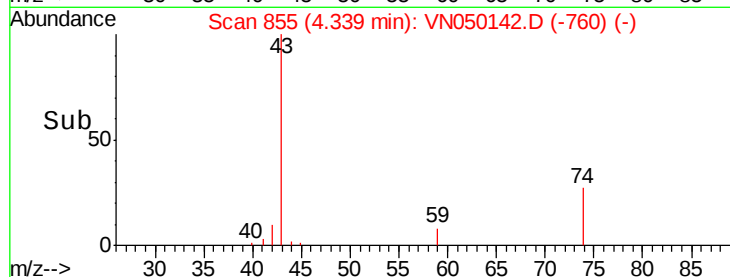
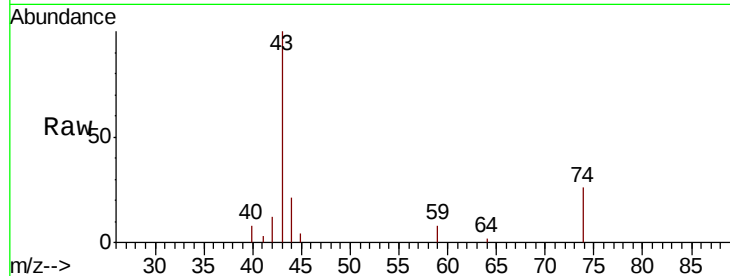




#18
Methyl Acetate
Concen: 1.089 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050142.D
Acq: 27 Jul 2018 20:22

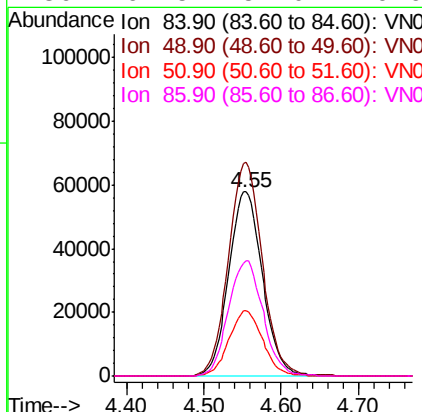
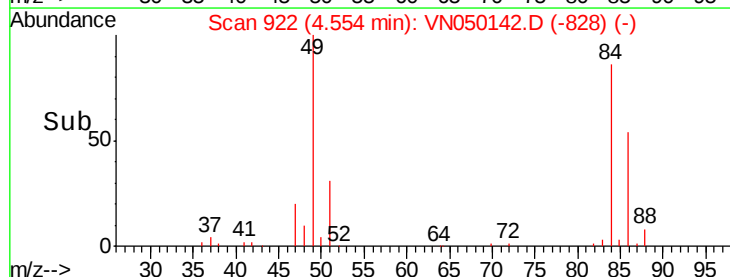
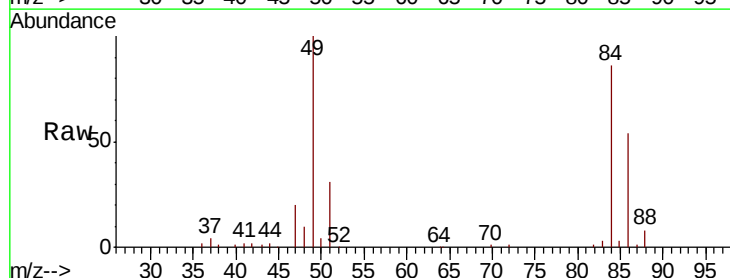
Instrument :
MSVOA_N
ClientSampleId :
PB111513ZHE#02

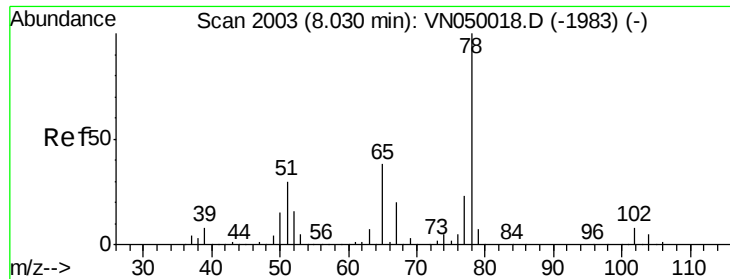
Tot Ion: 43 Resp: 24797
Ion Ratio Lower Upper
43 100
74 27.6 19.2 28.8



#20
Methylene Chloride
Concen: 18.855 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050142.D
Acq: 27 Jul 2018 20:22

Tgt Ion: 84 Resp: 175619
Ion Ratio Lower Upper
84 100
49 116.1 94.8 142.2
51 35.6 28.3 42.5
86 62.5 51.0 76.6

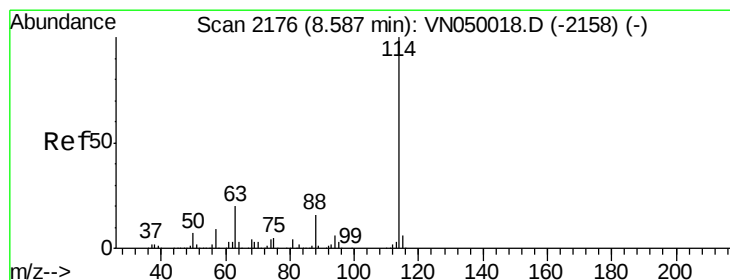
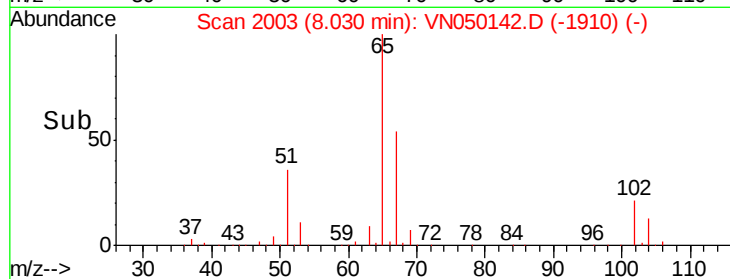
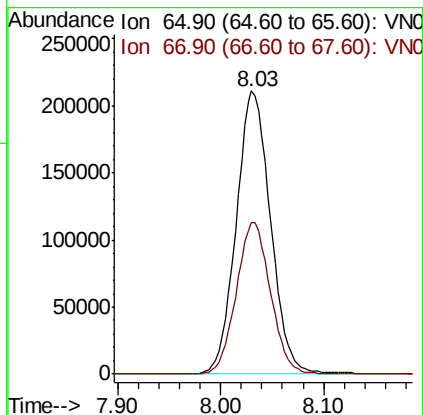
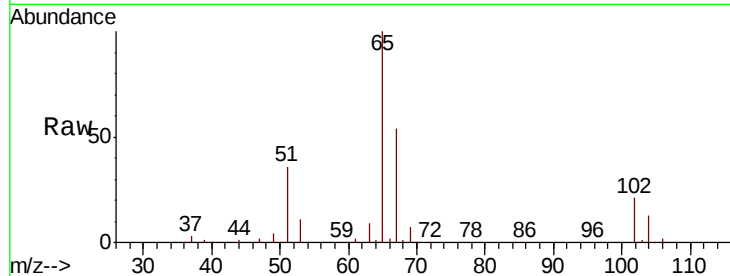




#33
 1,2-Dichloroethane-d4
 Concen: 48.456 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050142.D
 Acq: 27 Jul 2018 20:22

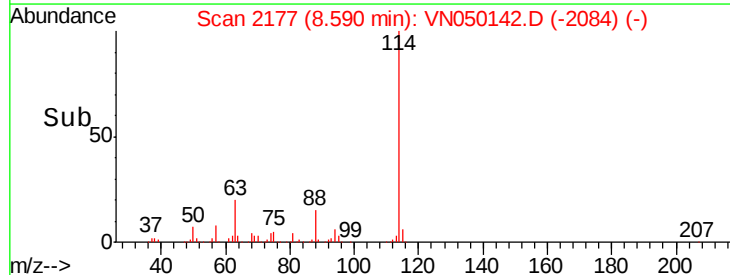
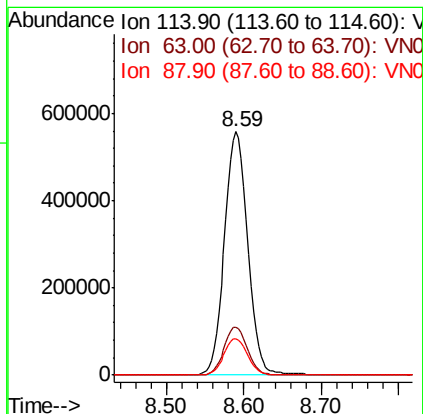
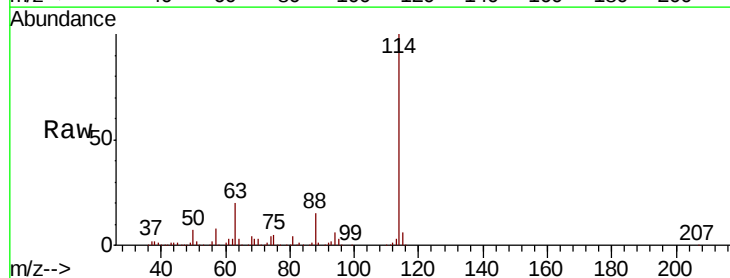
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#02

Tot Ion: 65 Resp: 488779
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050142.D
 Acq: 27 Jul 2018 20:22

Tgt Ion: 114 Resp: 1166703
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.1 0.0 31.2

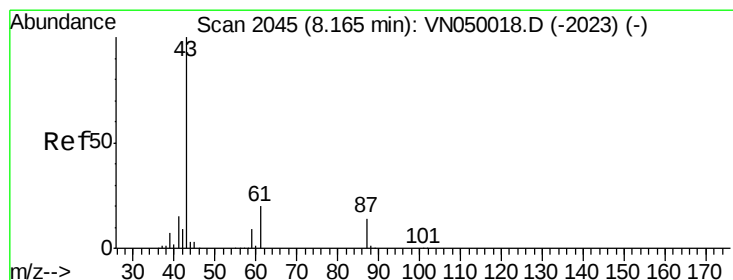
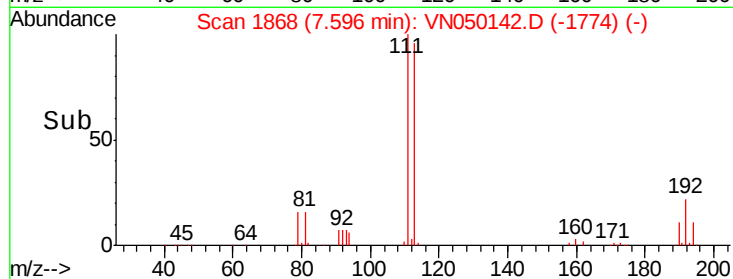
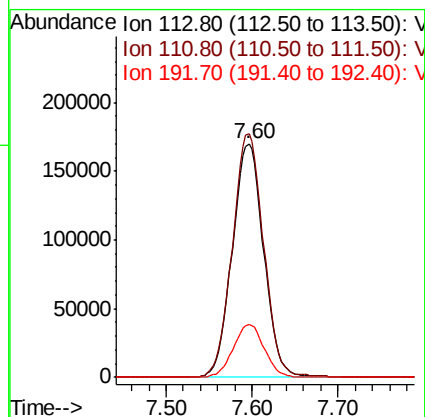
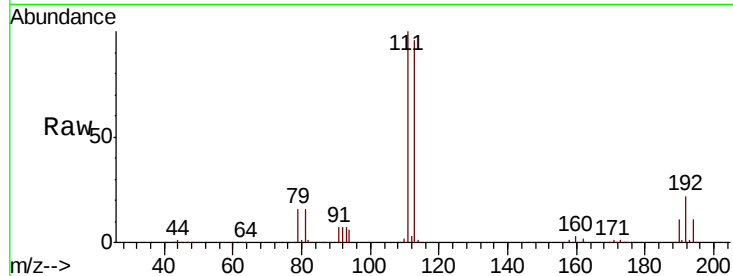




#35
 Dibromofluoromethane
 Concen: 45.269 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050142.D
 Acq: 27 Jul 2018 20:22

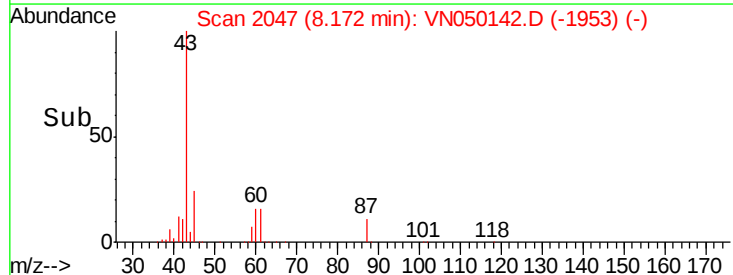
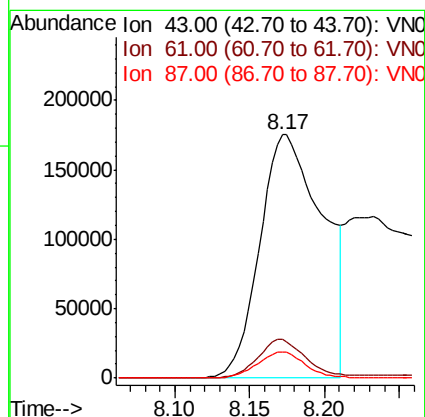
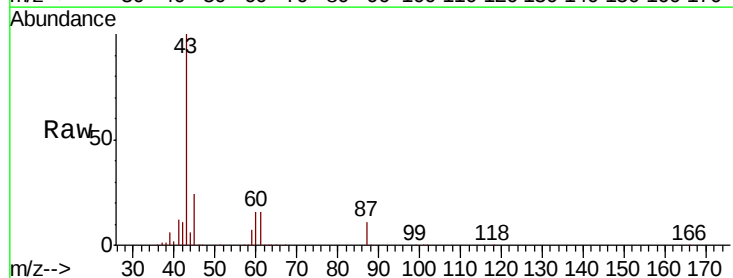
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#02

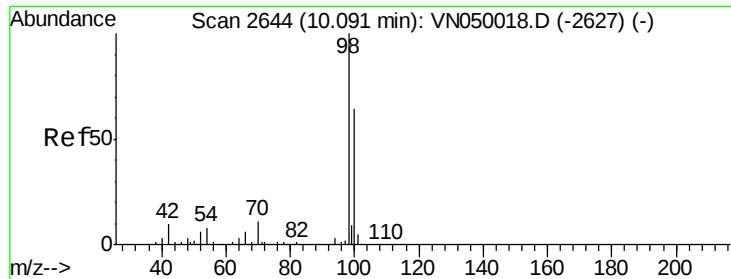
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.7	121.1
192	22.2	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 29.101 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050142.D
 Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.4	15.8	23.6#
87	8.2	10.3	15.5#

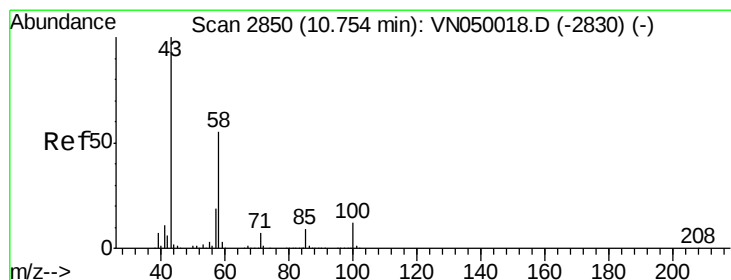
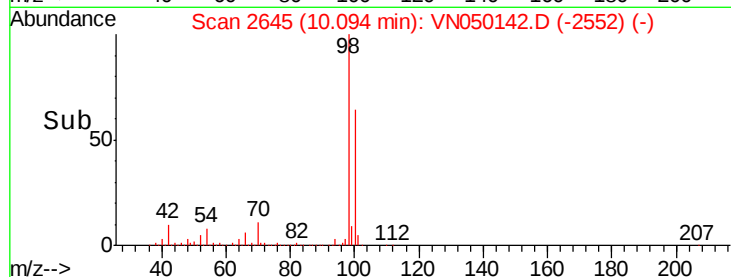
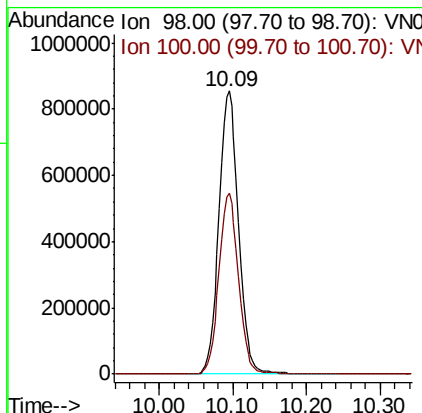
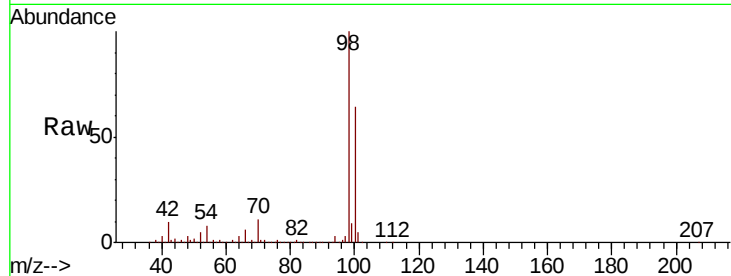




#50
Toluene-d8
Concen: 45.046 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050142.D
Acq: 27 Jul 2018 20:22

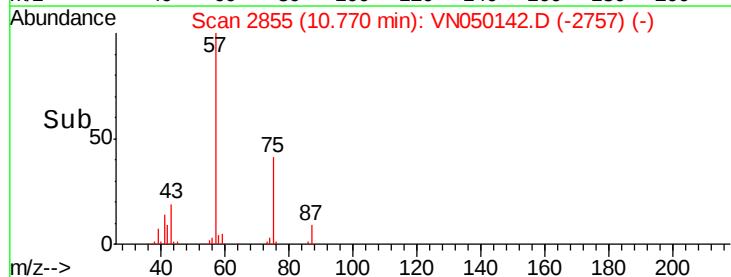
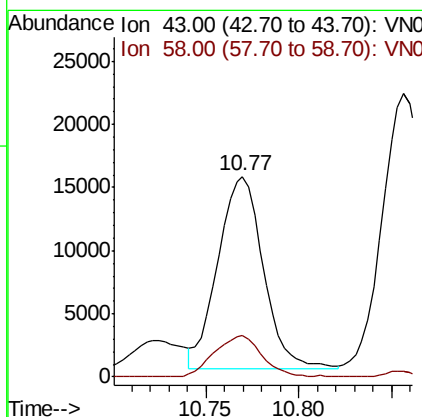
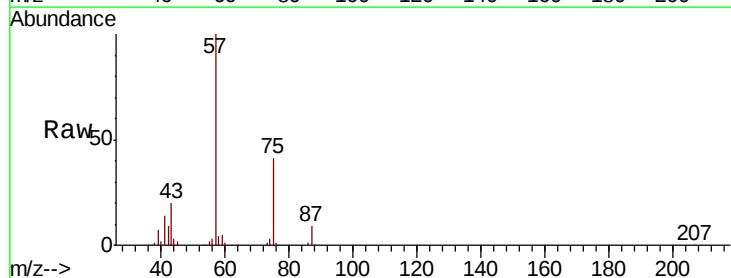
Instrument :
MSVOA_N
ClientSampleId :
PB111513ZHE#02

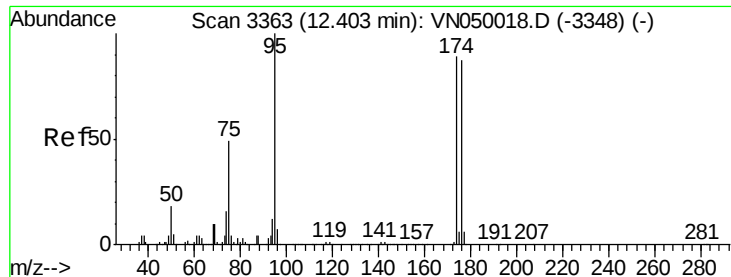
Tot Ion: 98 Resp: 1577566
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1



#59
2-Hexanone
Concen: 9.034 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN050142.D
Acq: 27 Jul 2018 20:22

Tgt Ion: 43 Resp: 26093
Ion Ratio Lower Upper
43 100
58 22.2 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 40.017 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050142.D

Acq: 27 Jul 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

PB111513ZHE#02

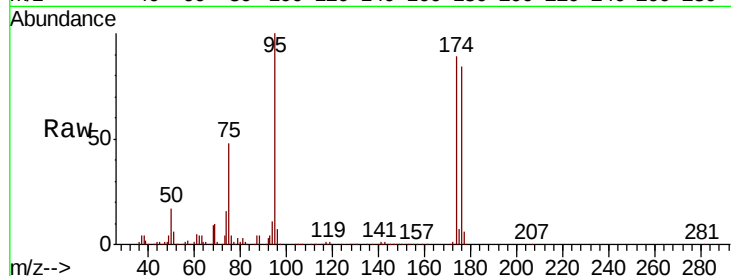
Tot Ion: 95 Resp: 461454

Ion Ratio Lower Upper

95 100

174 91.4 0.0 178.2

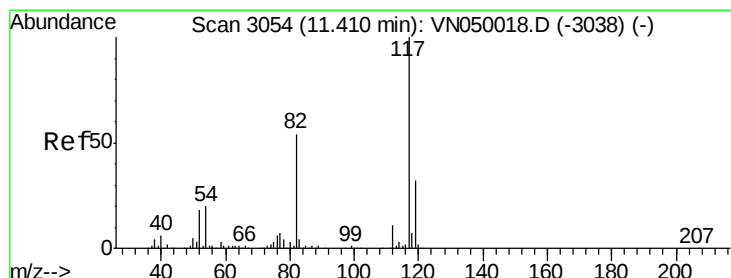
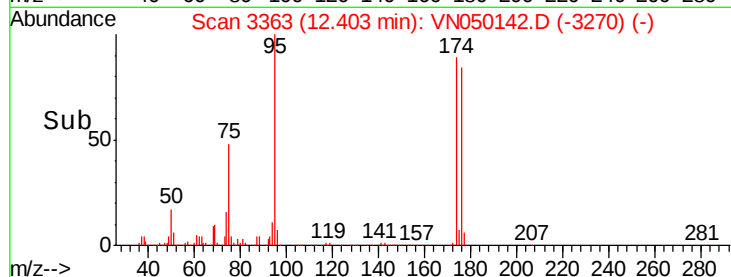
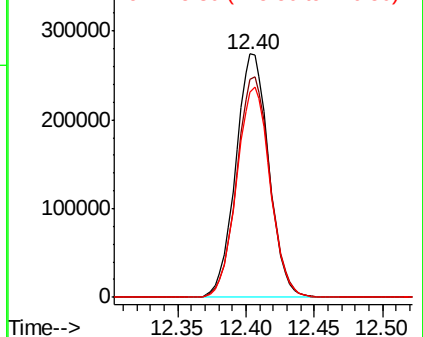
176 87.4 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050142.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050142.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050142.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050142.D

Acq: 27 Jul 2018 20:22

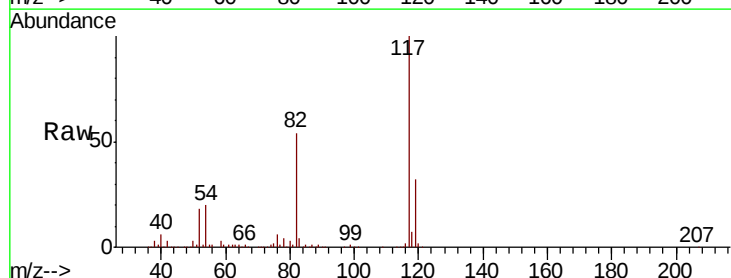
Tgt Ion: 117 Resp: 995454

Ion Ratio Lower Upper

117 100

82 54.0 43.7 65.5

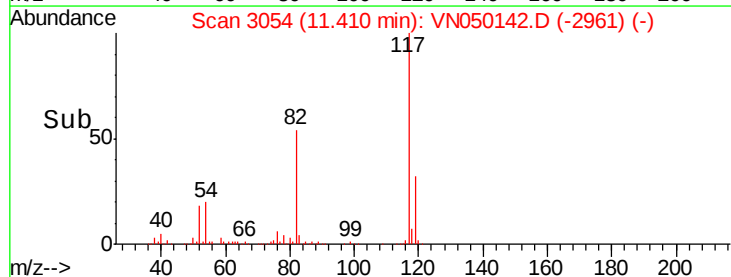
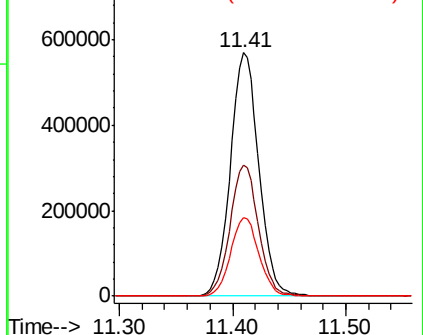
119 32.3 26.1 39.1

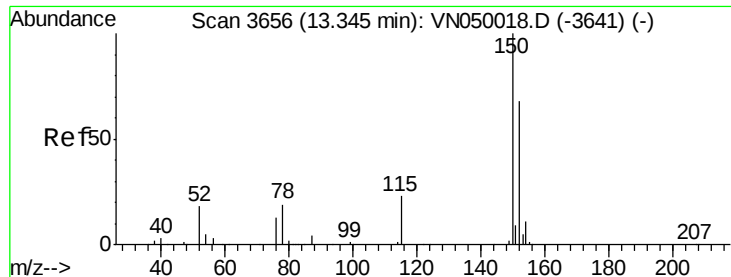


Abundance Ion 116.90 (116.60 to 117.60): VN050142.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050142.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050142.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050142.D

Acq: 27 Jul 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

PB111513ZHE#02

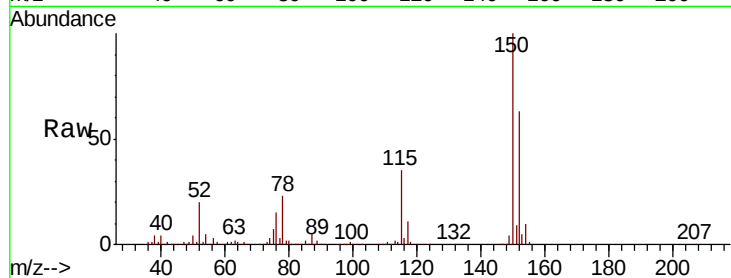
Tot Ion:152 Resp: 381468

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.3

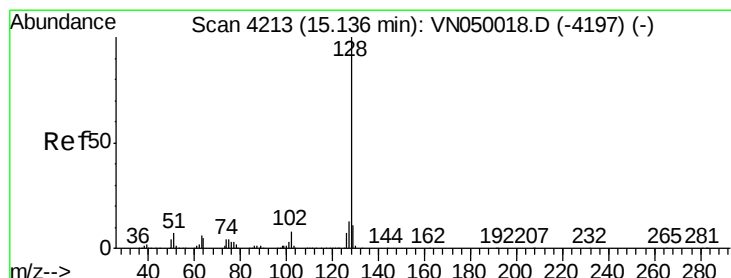
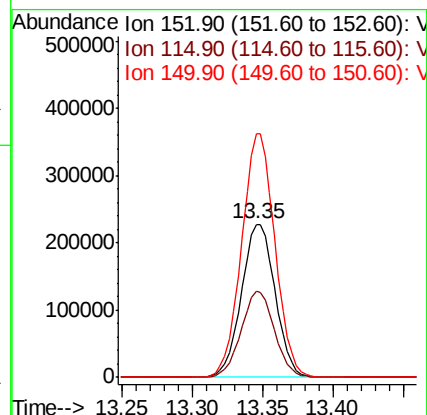
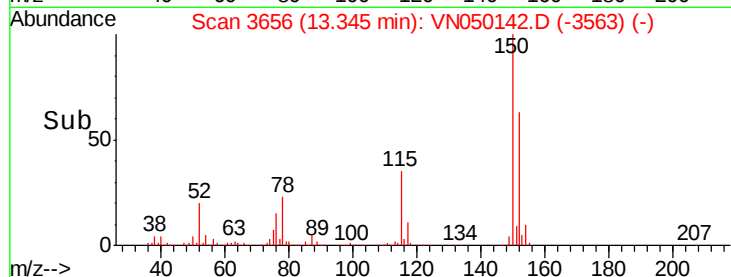
150 156.7 0.0 348.6



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: 4.881 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050142.D

Acq: 27 Jul 2018 20:22

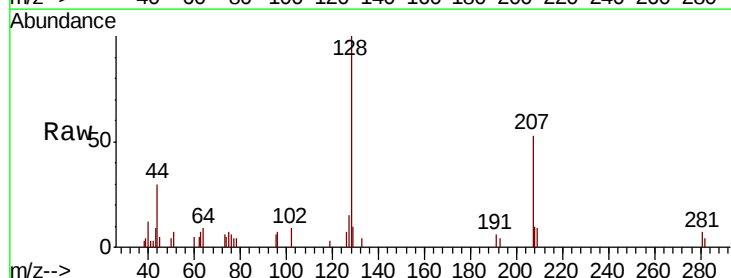
Tgt Ion:128 Resp: 8894

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 8.7 8.8 13.2#



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

