

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050143.D
 Acq On : 27 Jul 2018 20:47
 Operator : MD\SY
 Sample : PB111513ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#03

Quant Time: Jul 28 01:00:56 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

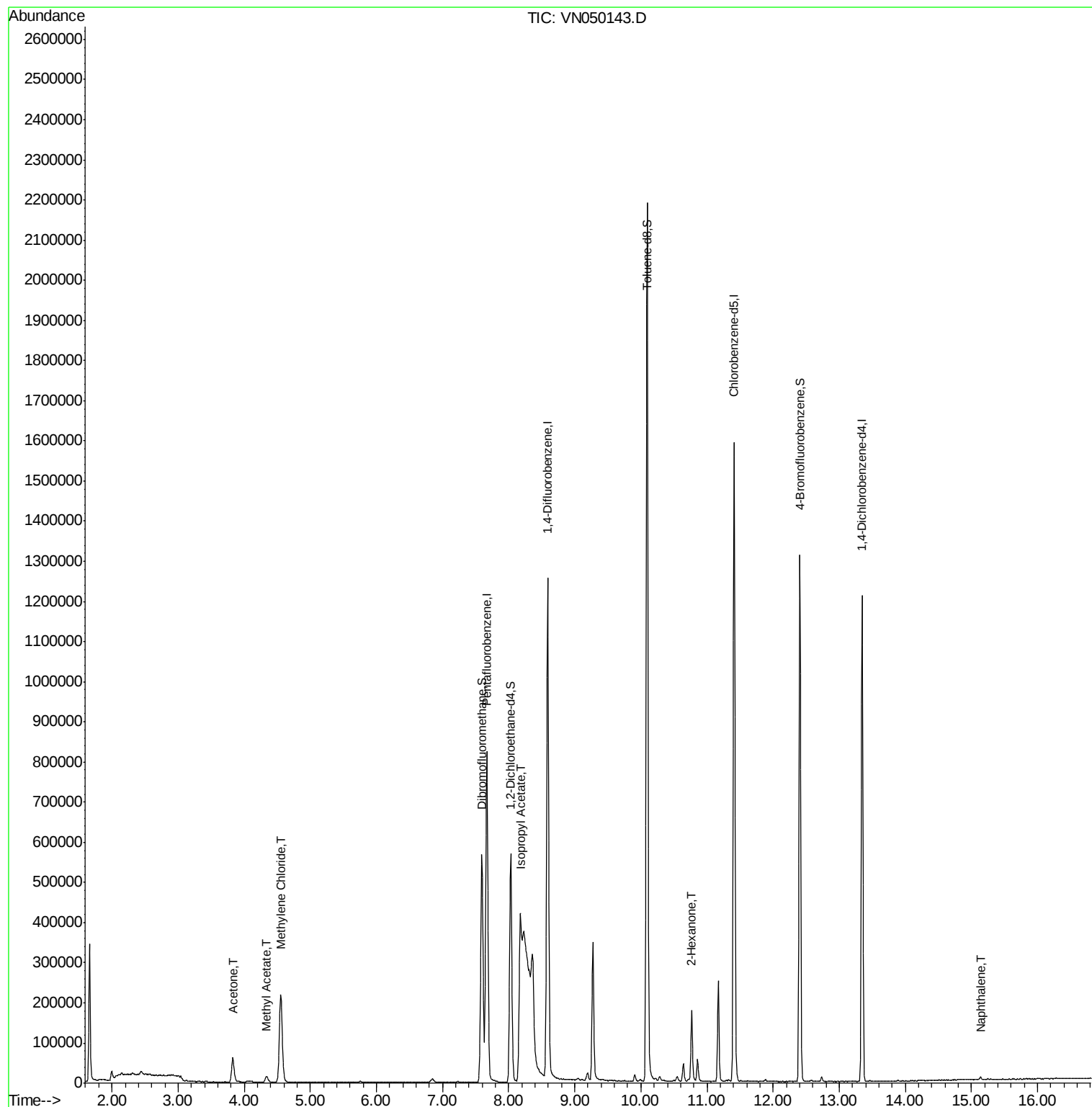
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	712452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1164634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	984133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	342208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	490740	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	7.60	113	430552	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
50) Toluene-d8	10.09	98	1574465	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
62) 4-Bromofluorobenzene	12.40	95	441082	38.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.64%	
Target Compounds						
16) Acetone	3.83	43	105104	41.263	ug/l	96
18) Methyl Acetate	4.34	43	28575	1.559	ug/l	94
20) Methylene Chloride	4.55	84	173518	18.908	ug/l	96
43) Isopropyl Acetate	8.18	43	542533	31.038	ug/l #	85
59) 2-Hexanone	10.77	43	24801	8.849	ug/l #	59
95) Naphthalene	15.14	128	6060	4.769	ug/l #	91

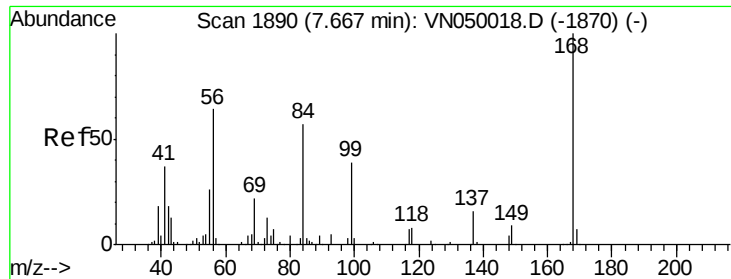
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050143.D

Acq: 27 Jul 2018 20:47

Instrument :

MSVOA_N

ClientSampleId :

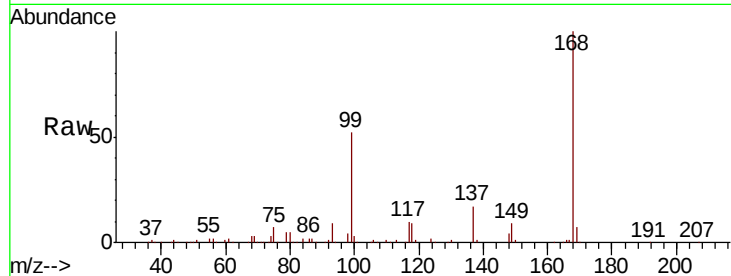
PB111513ZHE#03

Tot Ion:168 Resp: 712452

Ion Ratio Lower Upper

168 100

99 52.2 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

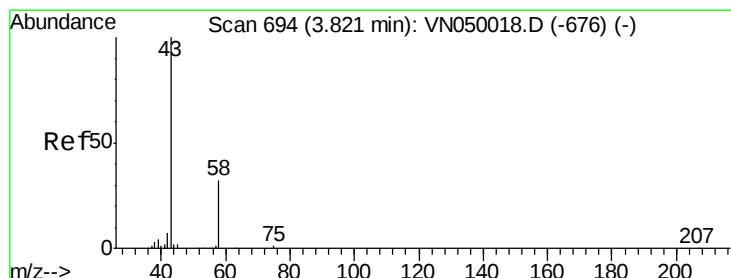
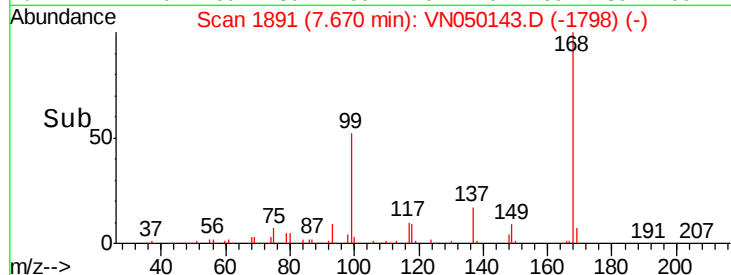
200000

100000

0

Time-->

7.60 7.70



#16

Acetone

Concen: 41.263 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050143.D

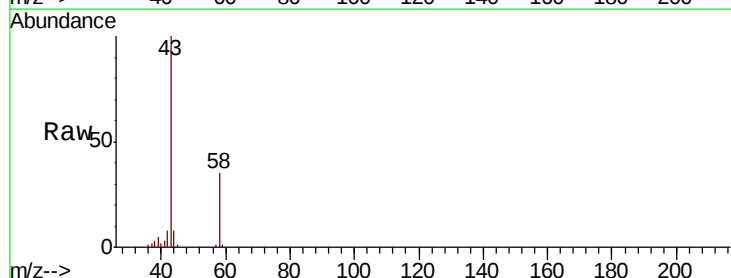
Acq: 27 Jul 2018 20:47

Tgt Ion: 43 Resp: 105104

Ion Ratio Lower Upper

43 100

58 34.6 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

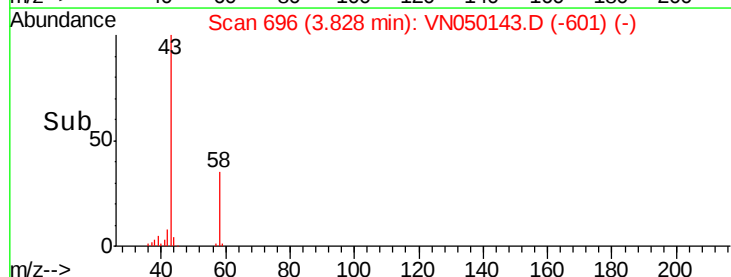
20000

10000

0

Time-->

3.70 3.80 3.90 4.00

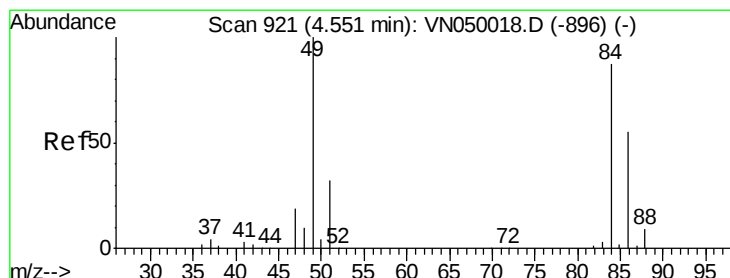
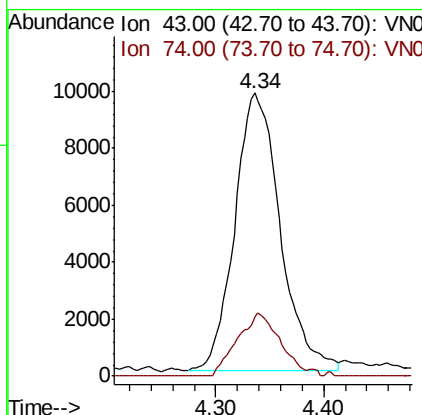
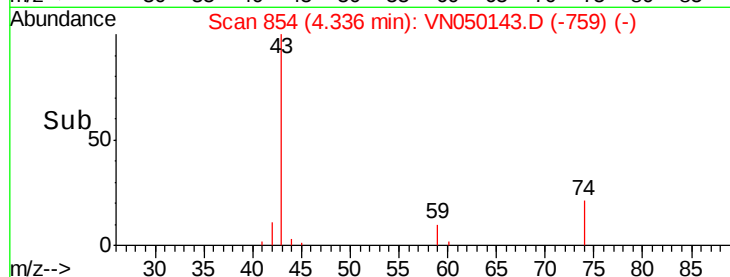
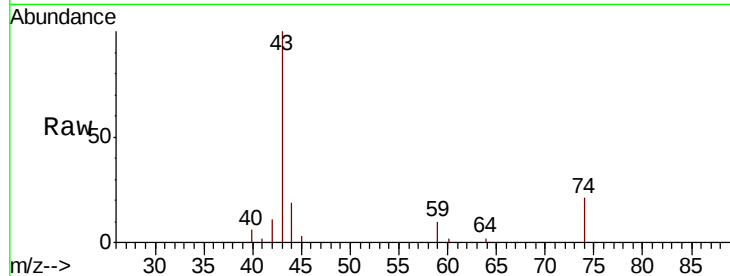




#18
Methyl Acetate
Concen: 1.559 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050143.D
Acq: 27 Jul 2018 20:47

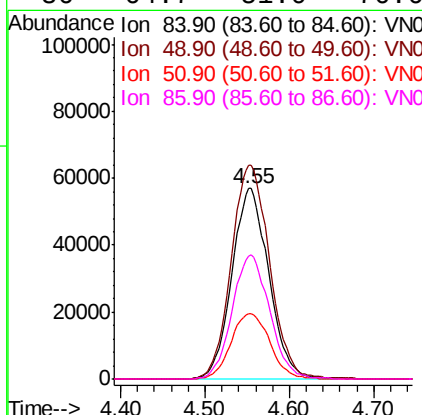
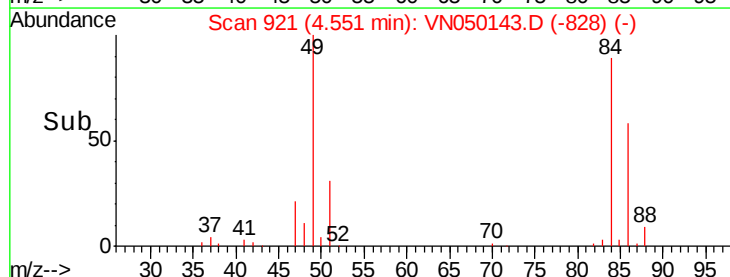
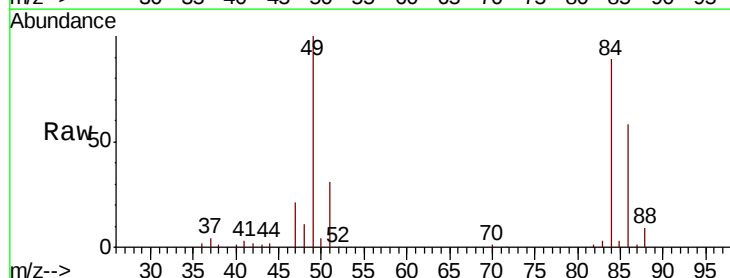
Instrument :
MSVOA_N
ClientSampleId :
PB111513ZHE#03

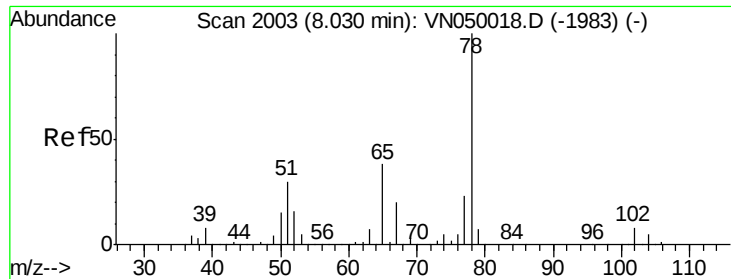
Tot Ion: 43 Resp: 28575
Ion Ratio Lower Upper
43 100
74 21.2 19.2 28.8



#20
Methylene Chloride
Concen: 18.908 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050143.D
Acq: 27 Jul 2018 20:47

Tgt Ion: 84 Resp: 173518
Ion Ratio Lower Upper
84 100
49 111.9 94.8 142.2
51 34.4 28.3 42.5
86 64.7 51.0 76.6

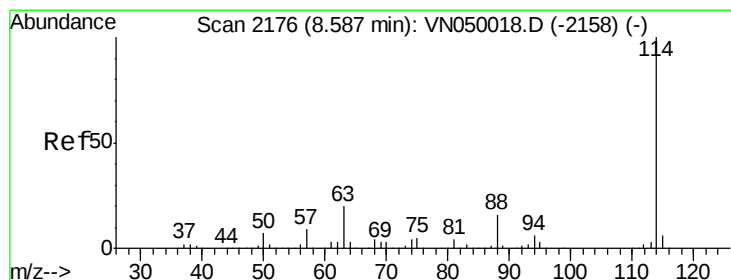
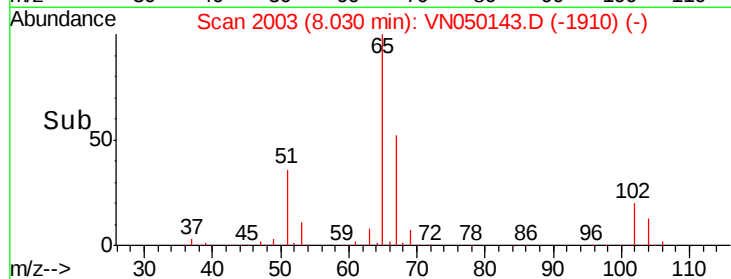
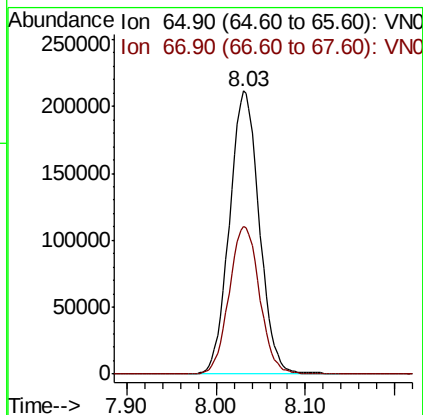
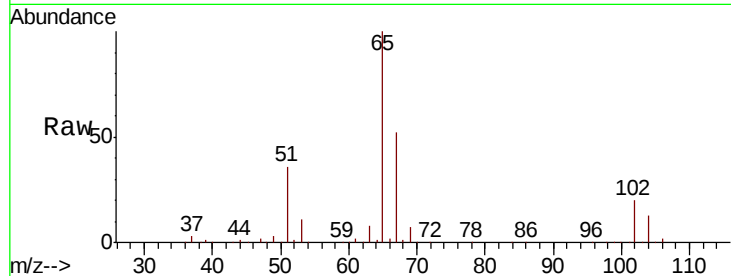




#33
 1,2-Dichloroethane-d4
 Concen: 49.368 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050143.D
 Acq: 27 Jul 2018 20:47

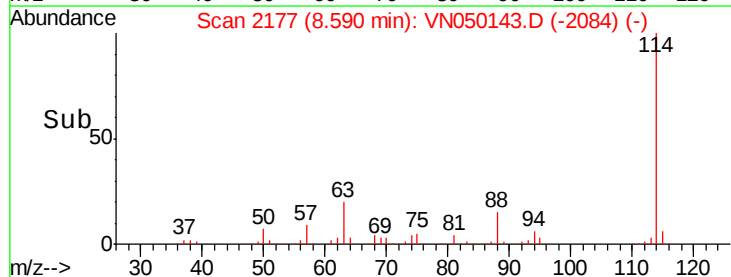
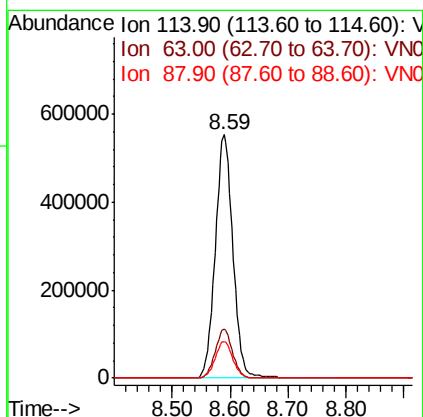
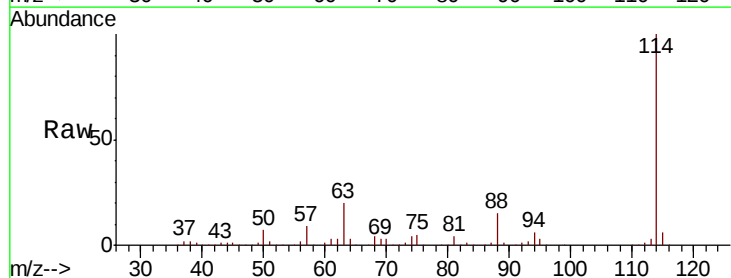
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#03

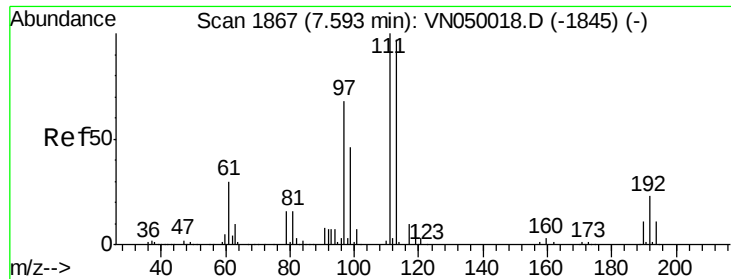
Tot Ion: 65 Resp: 490740
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050143.D
 Acq: 27 Jul 2018 20:47

Tgt Ion: 114 Resp: 1164634
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.0 0.0 31.2

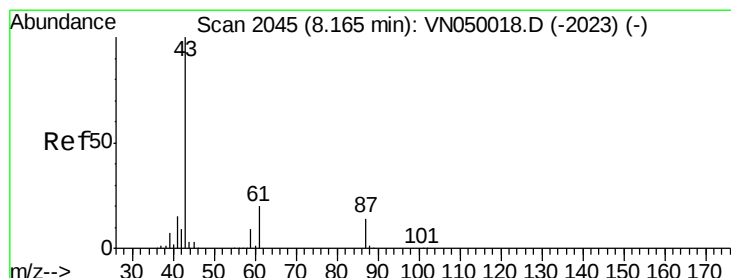
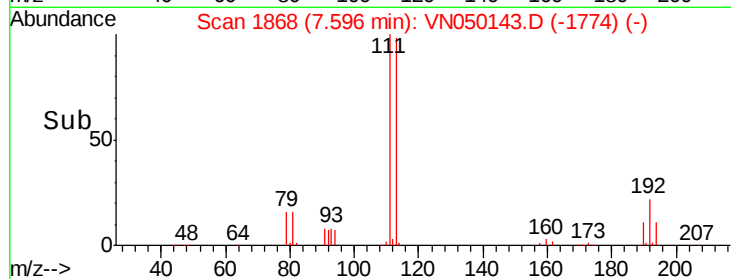
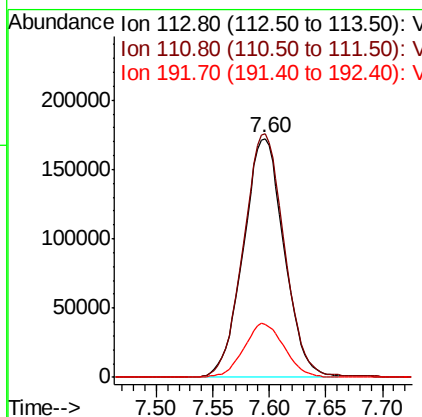
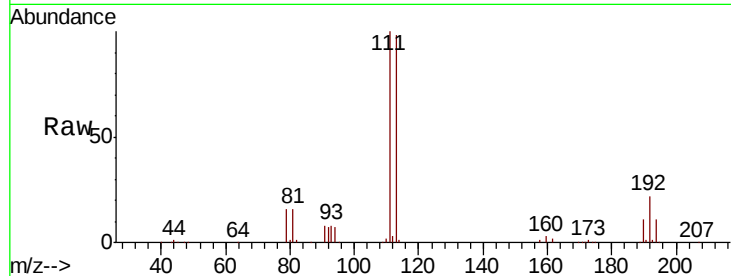




#35
 Dibromofluoromethane
 Concen: 45.279 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050143.D
 Acq: 27 Jul 2018 20:47

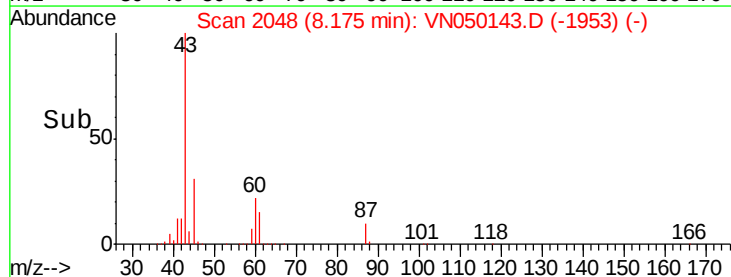
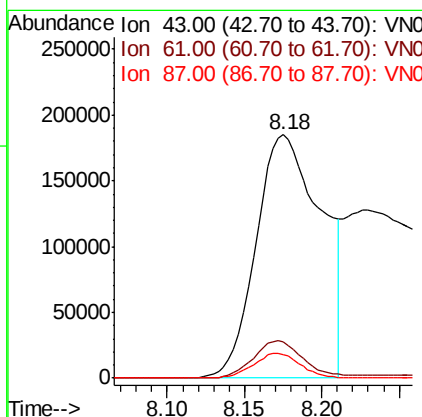
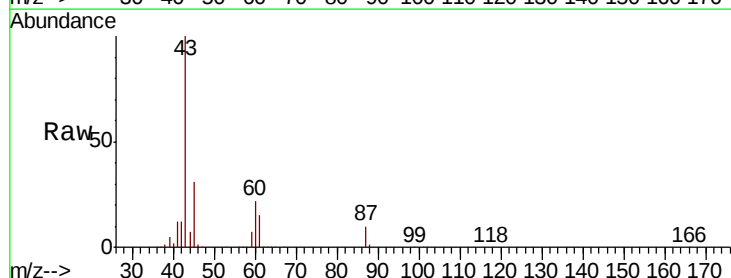
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#03

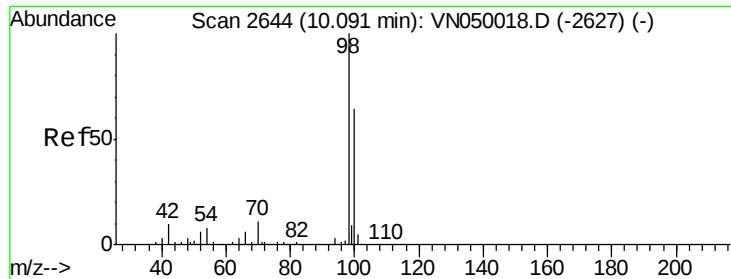
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.7	121.1
192	22.4	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 31.038 ug/l
 RT: 8.18 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN050143.D
 Acq: 27 Jul 2018 20:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	15.8	23.6#
87	7.4	10.3	15.5#





#50

Toluene-d8

Concen: 45.038 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050143.D

Acq: 27 Jul 2018 20:47

Instrument :

MSVOA_N

ClientSampleId :

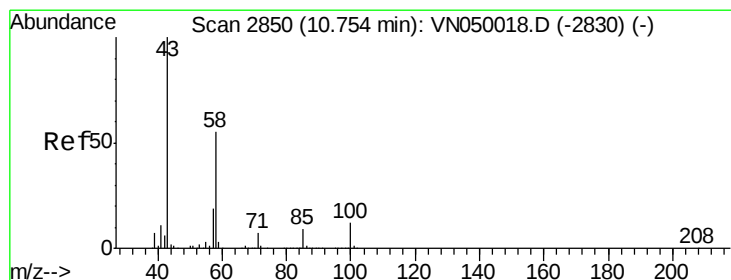
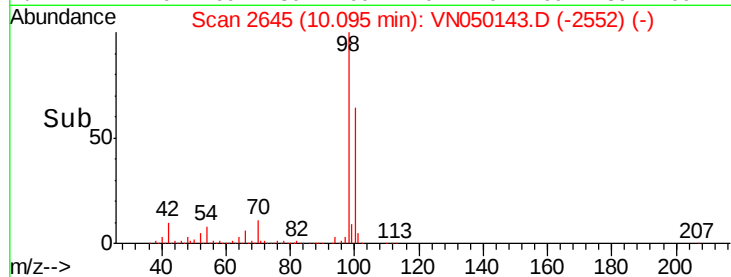
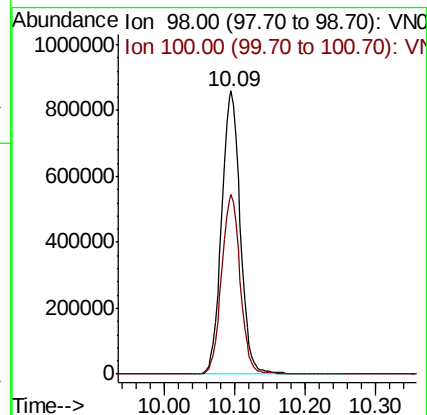
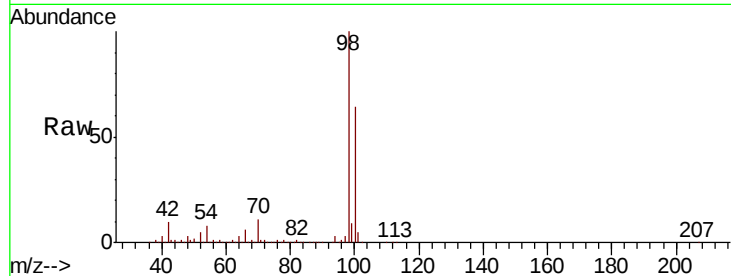
PB111513ZHE#03

Tot Ion: 98 Resp: 1574465

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#59

2-Hexanone

Concen: 8.849 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050143.D

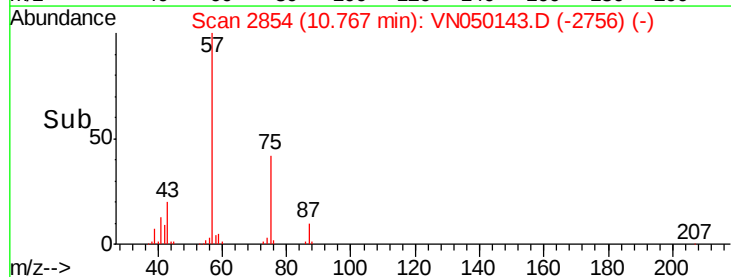
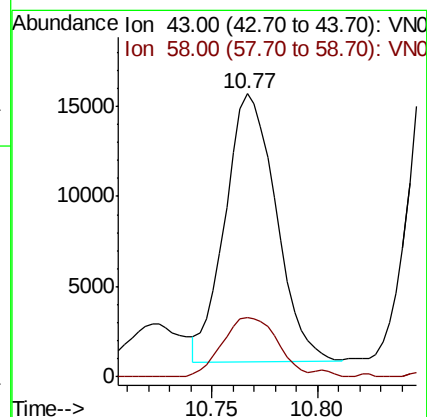
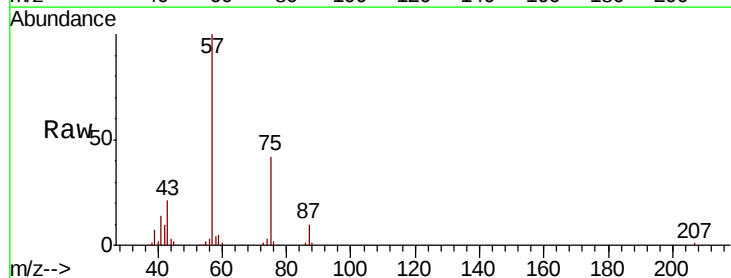
Acq: 27 Jul 2018 20:47

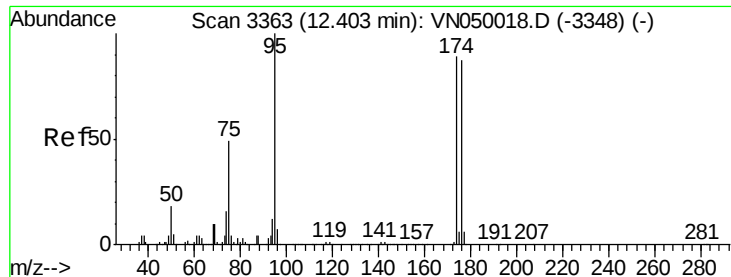
Tgt Ion: 43 Resp: 24801

Ion Ratio Lower Upper

43 100

58 25.1 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 38.318 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050143.D

Acq: 27 Jul 2018 20:47

Instrument :

MSVOA_N

ClientSampleId :

PB111513ZHE#03

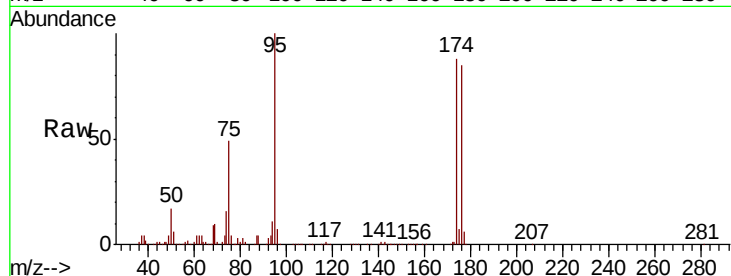
Tot Ion: 95 Resp: 441082

Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.2

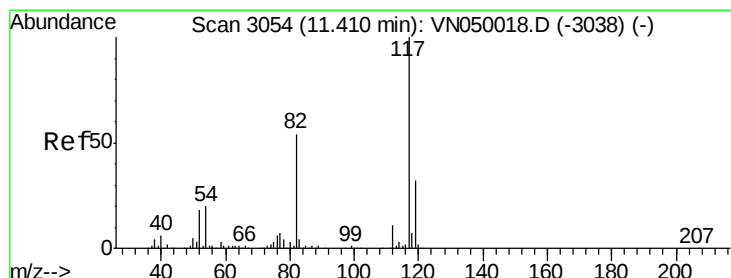
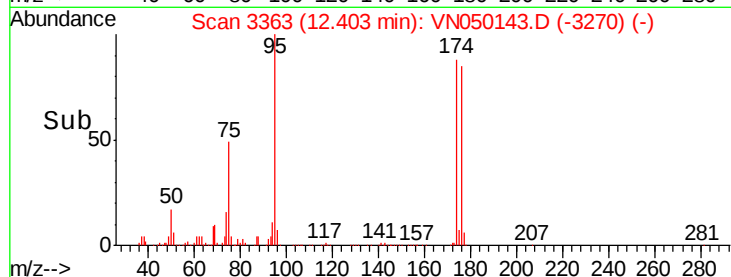
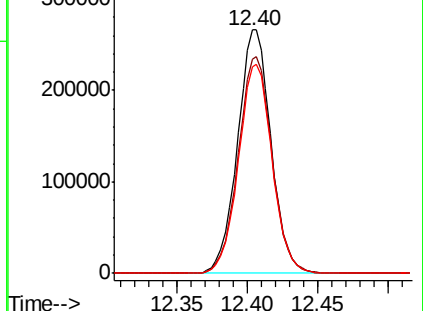
176 86.5 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050143.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050143.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050143.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050143.D

Acq: 27 Jul 2018 20:47

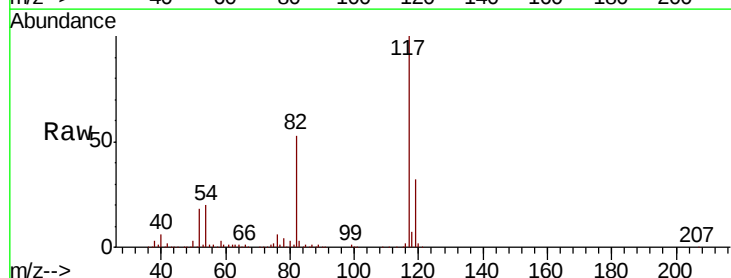
Tgt Ion: 117 Resp: 984133

Ion Ratio Lower Upper

117 100

82 53.4 43.7 65.5

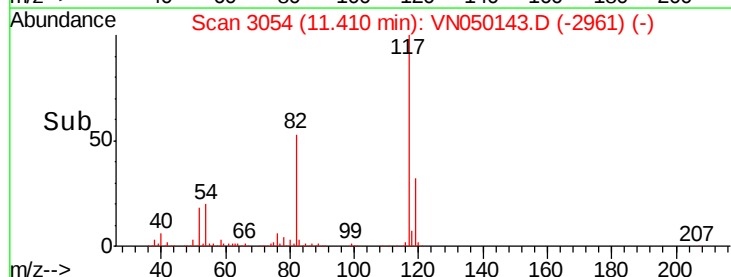
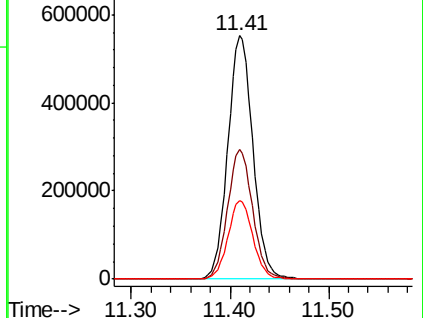
119 32.1 26.1 39.1

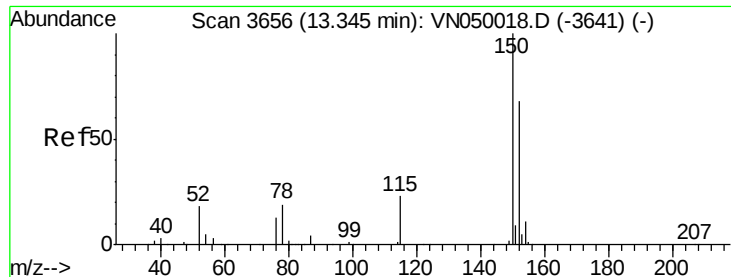


Abundance Ion 116.90 (116.60 to 117.60): VN050143.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050143.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050143.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: VN050143.D

Acq: 27 Jul 2018 20:47

Instrument :

MSVOA_N

ClientSampleId :

PB111513ZHE#03

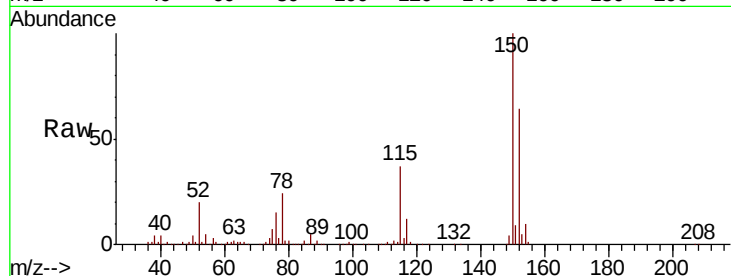
Tot Ion:152 Resp: 342208

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.3

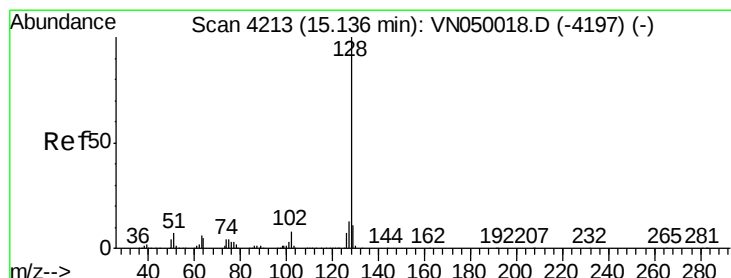
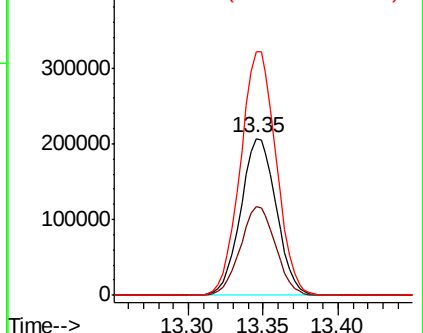
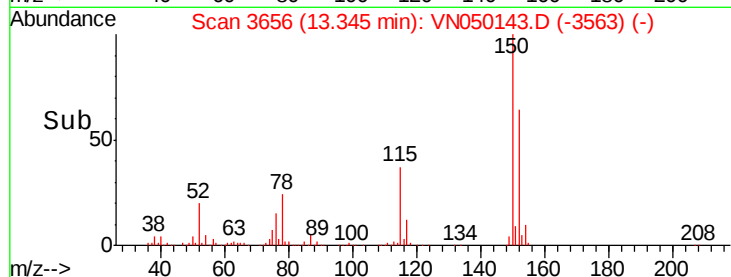
150 156.1 0.0 348.6



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: 4.769 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050143.D

Acq: 27 Jul 2018 20:47

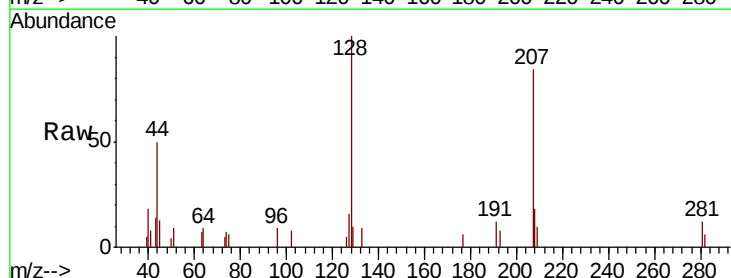
Tgt Ion:128 Resp: 6060

Ion Ratio Lower Upper

128 100

127 11.0 10.4 15.6

129 5.7 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

