

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050726.D
 Acq On : 17 Aug 2018 13:33
 Operator : MD\SY
 Sample : PB112140TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112140TB

Quant Time: Aug 18 00:16:25 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	624698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1006588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	863112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282680	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	421142	53.48	ug/l	0.00
Spiked Amount						
			Recovery	=	106.96%	
35) Dibromofluoromethane	7.59	113	393791	49.00	ug/l	0.00
Spiked Amount						
			Recovery	=	98.00%	
50) Toluene-d8	10.09	98	1402247	46.36	ug/l	0.00
Spiked Amount						
			Recovery	=	92.72%	
62) 4-Bromofluorobenzene	12.40	95	367344	36.76	ug/l	0.00
Spiked Amount						
			Recovery	=	73.52%	

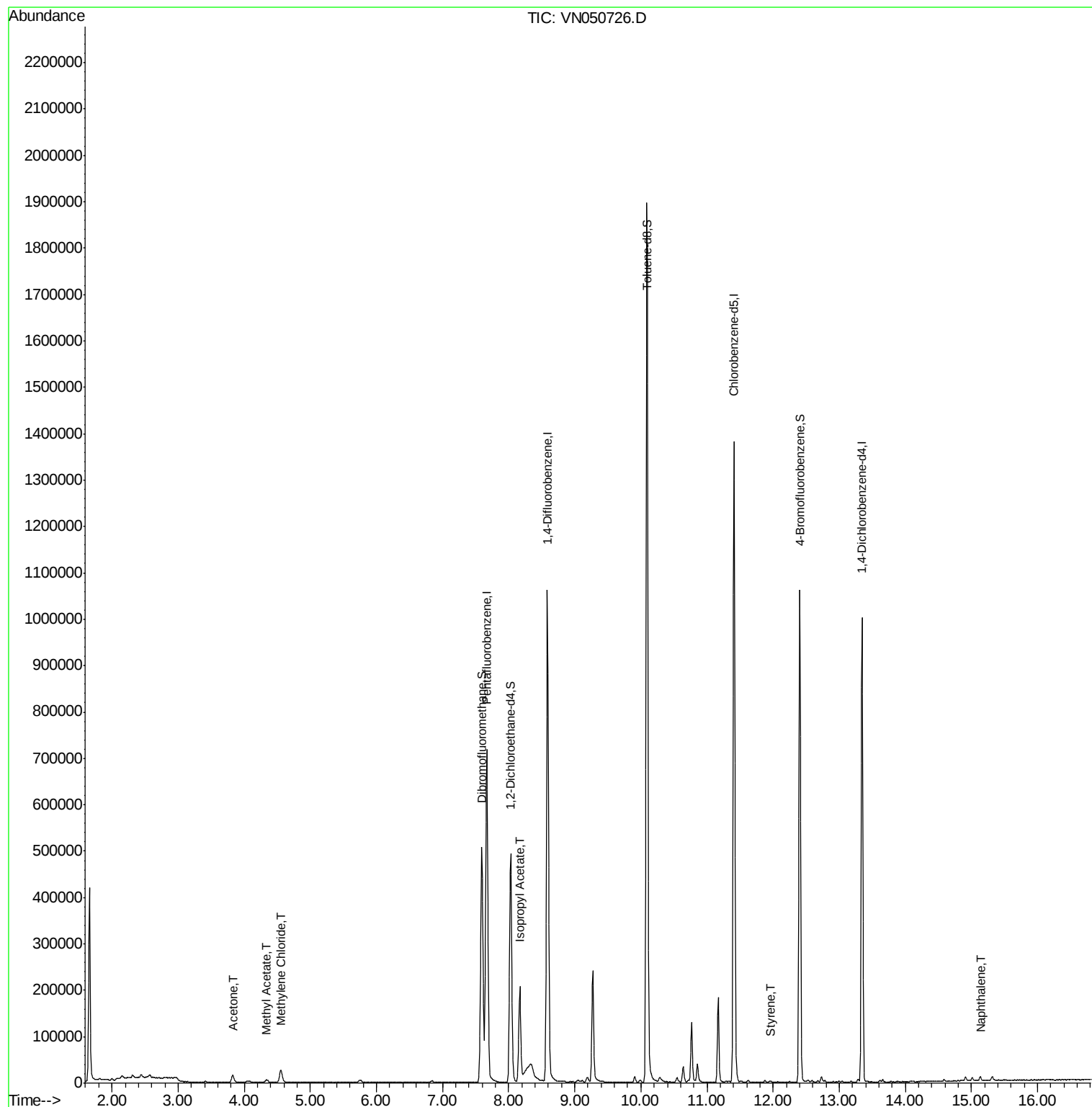
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	27298	12.51	ug/l	97
18) Methyl Acetate	4.33	43	11615	1.13	ug/l #	82
20) Methylene Chloride	4.56	84	20449	1.50	ug/l	96
43) Isopropyl Acetate	8.17	43	240348	20.82	ug/l	99
70) Styrene	11.97	104	1574	1.01	ug/l #	85
95) Naphthalene	15.14	128	7597	4.51	ug/l	96

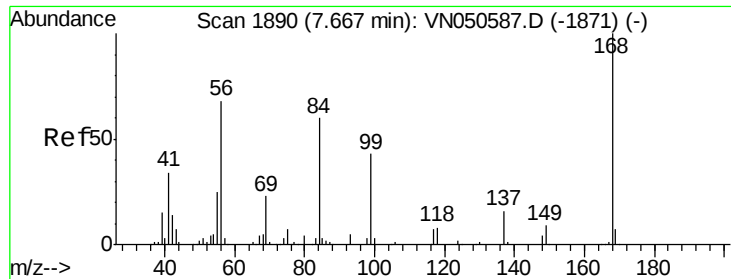
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081718\
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Acq On : 17 Aug 2018 13:33
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Quant Time: Aug 18 00:16:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
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# 1890

Delta R.T. -0.00 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

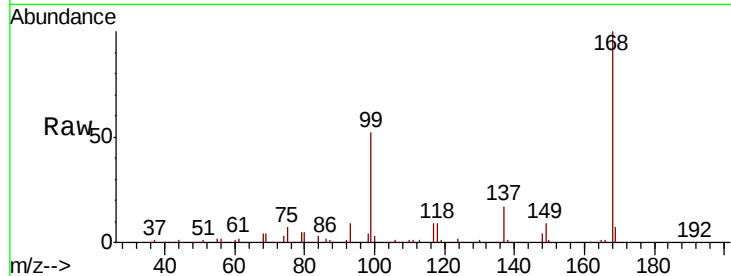
PB112140TB

Tot Ion:168 Resp: 624698

Ion Ratio Lower Upper

168 100

99 51.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

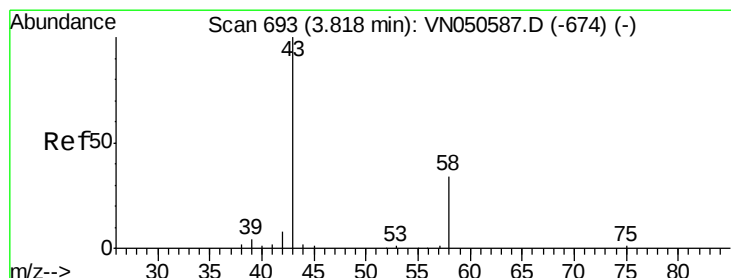
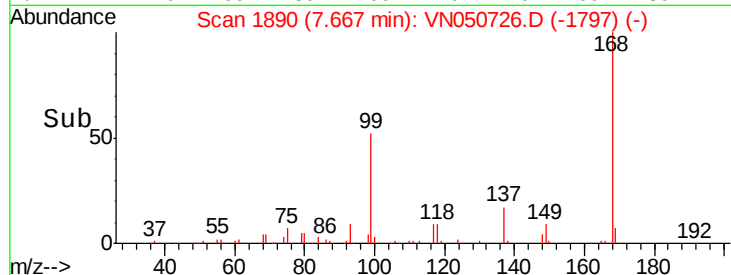
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.51 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050726.D

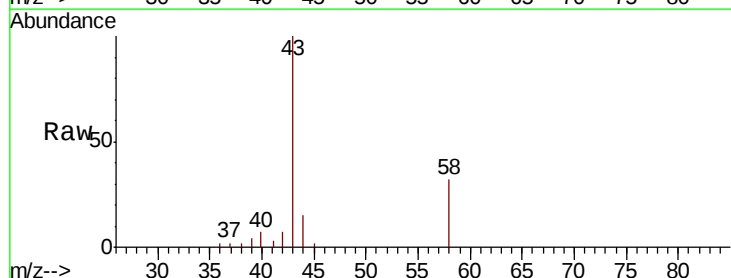
Acq: 17 Aug 2018 13:33

Tgt Ion: 43 Resp: 27298

Ion Ratio Lower Upper

43 100

58 32.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.83

12000

10000

8000

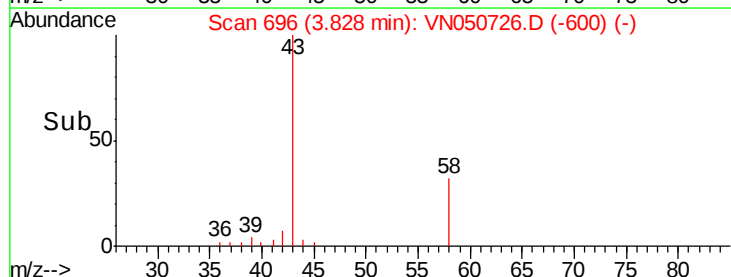
6000

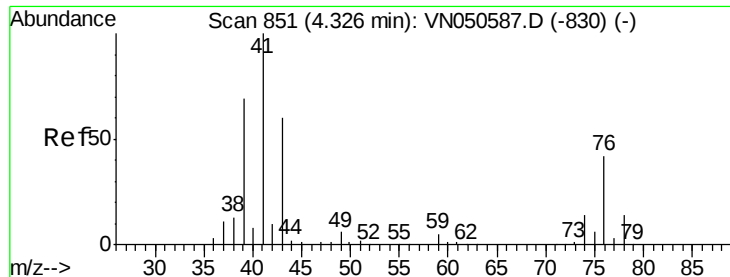
4000

2000

0

Time-->





#18

Methyl Acetate

Concen: 1.13 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

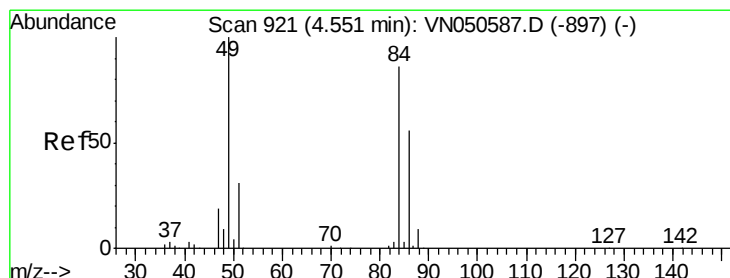
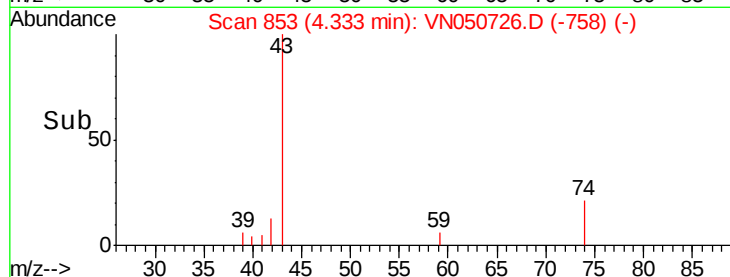
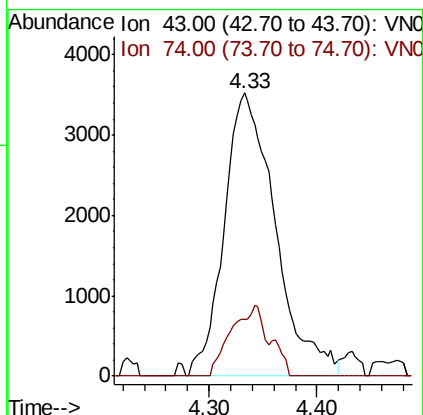
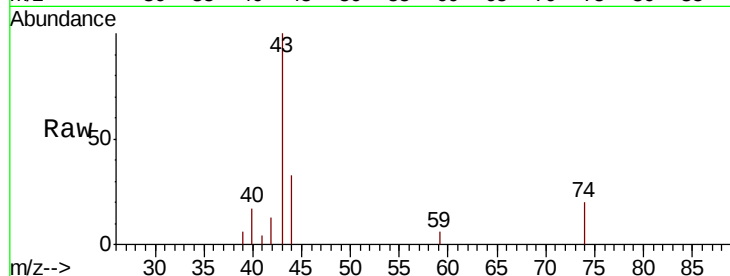
PB112140TB

Tot Ion: 43 Resp: 11615

Ion Ratio Lower Upper

43 100

74 15.9 19.7 29.5#



#20

Methylene Chloride

Concen: 1.50 ug/l

RT: 4.56 min Scan# 923

Delta R.T. 0.01 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

Tgt Ion: 84 Resp: 20449

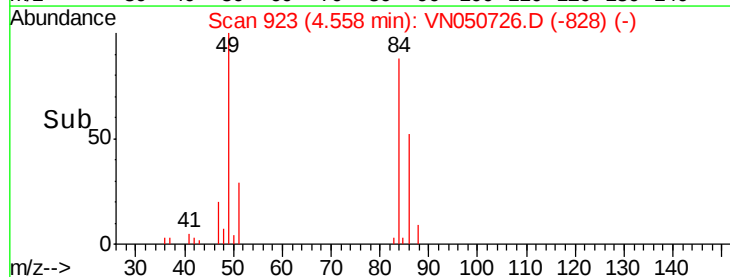
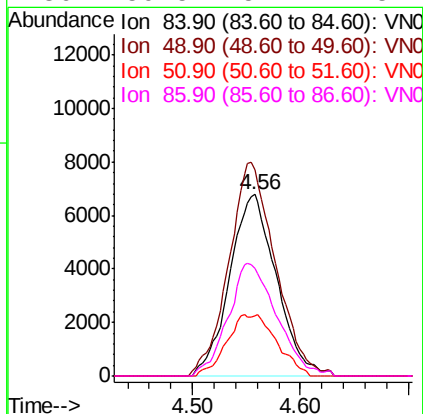
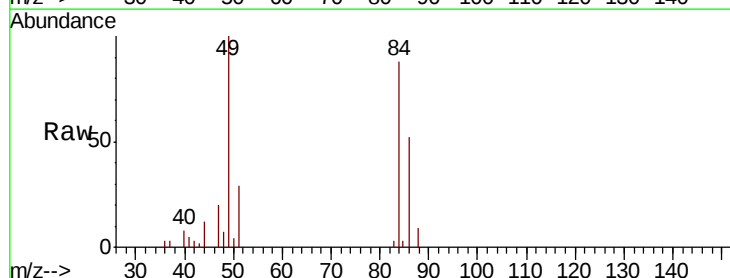
Ion Ratio Lower Upper

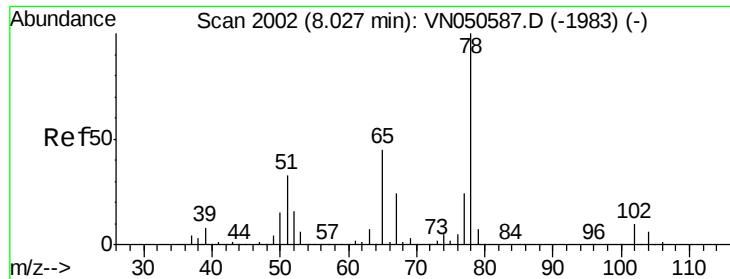
84 100

49 113.7 92.6 138.8

51 33.5 28.6 43.0

86 59.5 52.2 78.2

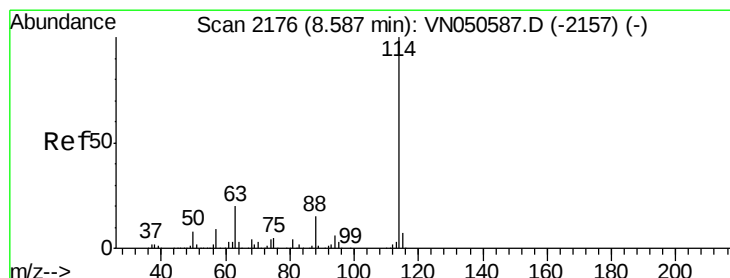
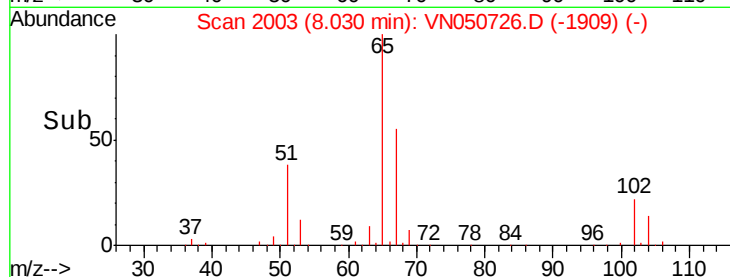
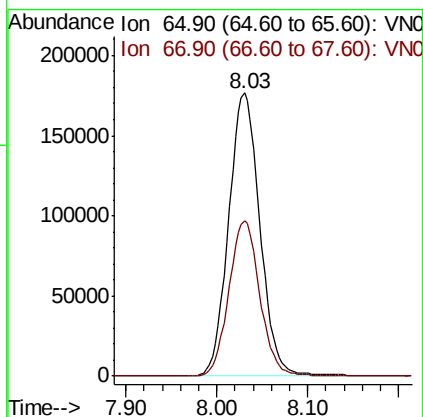
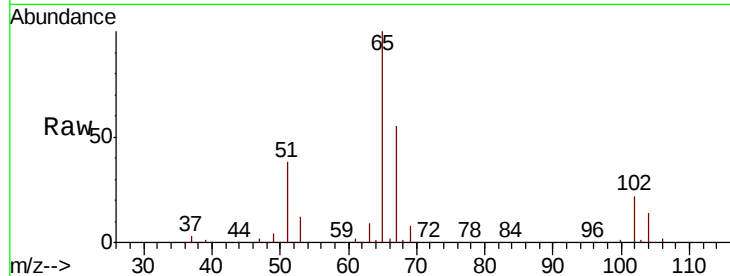




#33
 1,2-Dichloroethane-d4
 Concen: 53.48 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050726.D
 Acq: 17 Aug 2018 13:33

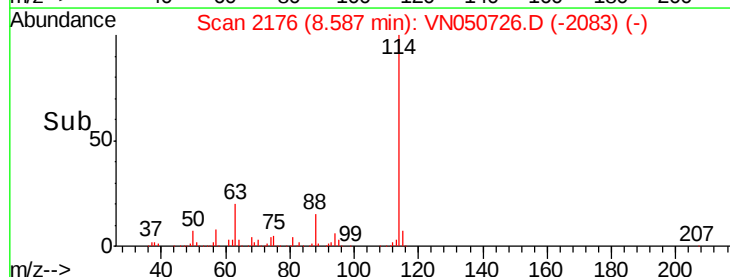
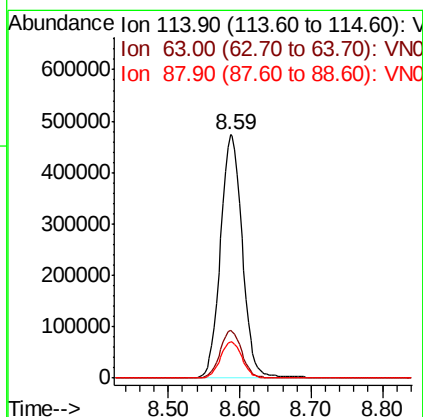
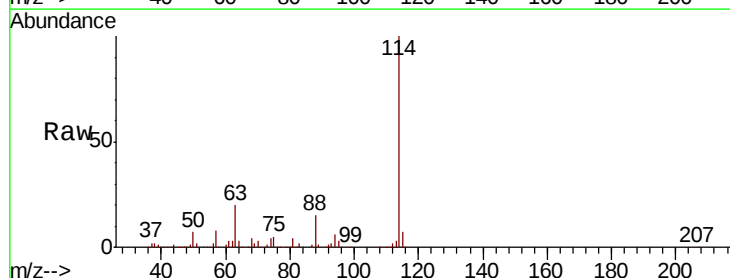
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112140TB

Tot Ion: 65 Resp: 421142
 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: VN050726.D
 Acq: 17 Aug 2018 13:33

Tgt Ion: 114 Resp: 1006588
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.00 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB112140TB

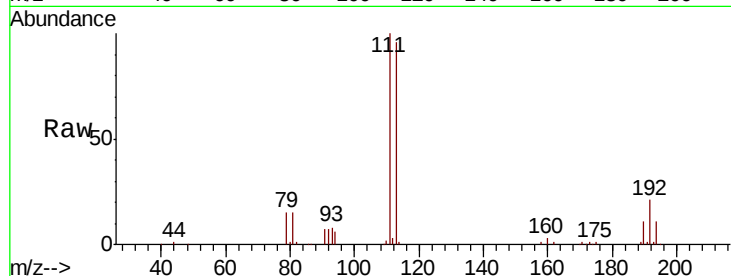
Tot Ion:113 Resp: 393791

Ion Ratio Lower Upper

113 100

111 101.7 81.0 121.6

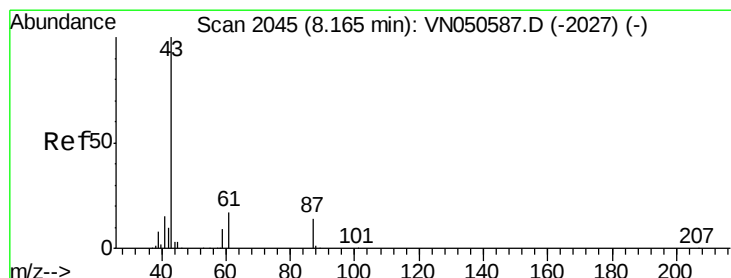
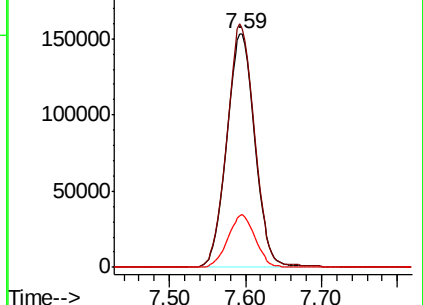
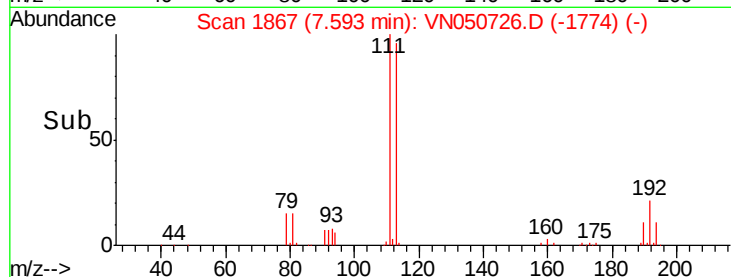
192 22.1 17.6 26.4



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: 20.82 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

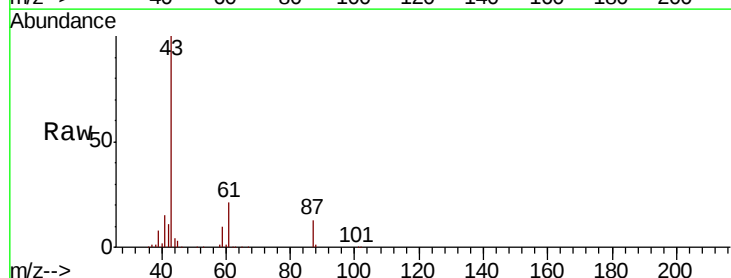
Tgt Ion: 43 Resp: 240348

Ion Ratio Lower Upper

43 100

61 20.1 16.2 24.2

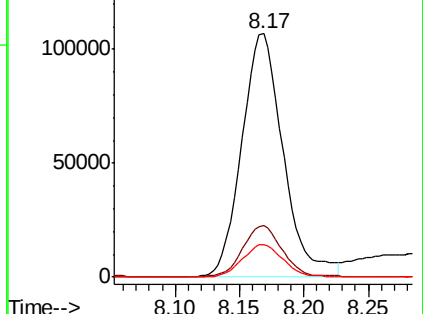
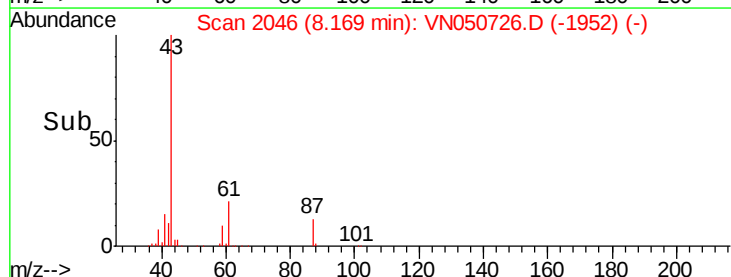
87 13.0 10.9 16.3

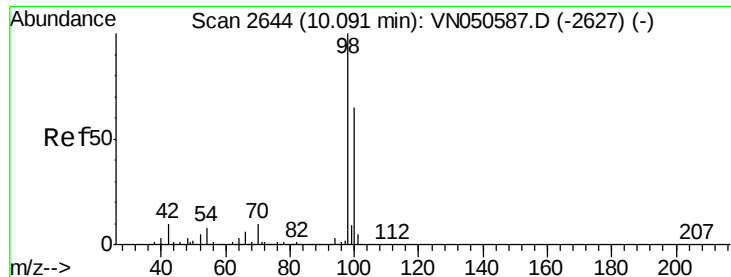


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 46.36 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

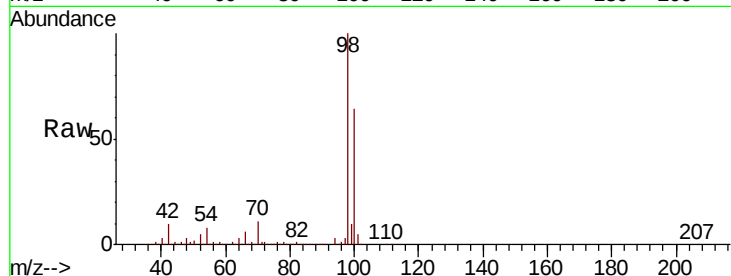
PB112140TB

Tot Ion: 98 Resp: 1402247

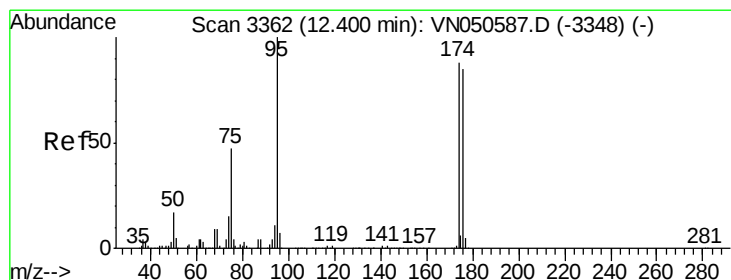
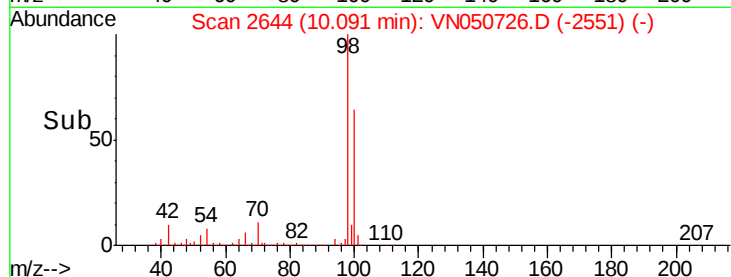
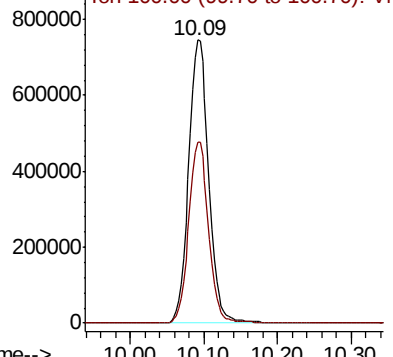
Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.8



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



#62

4-Bromofluorobenzene

Concen: 36.76 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

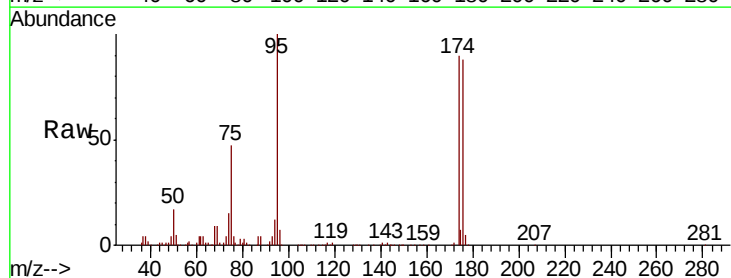
Tgt Ion: 95 Resp: 367344

Ion Ratio Lower Upper

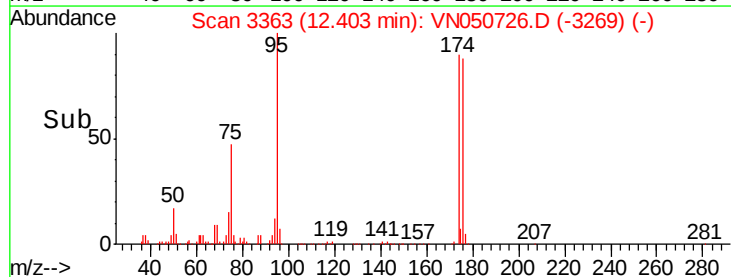
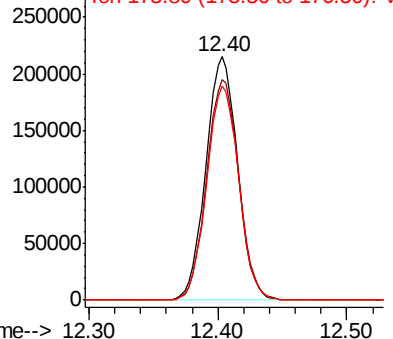
95 100

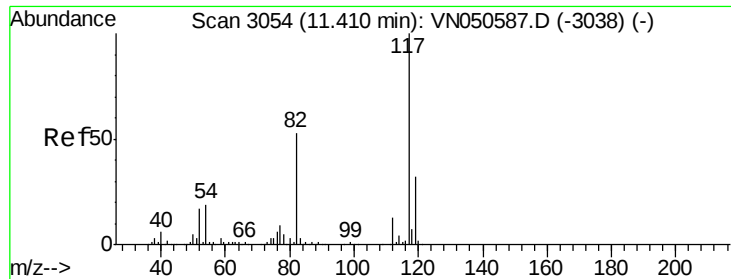
174 92.1 0.0 177.8

176 88.8 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

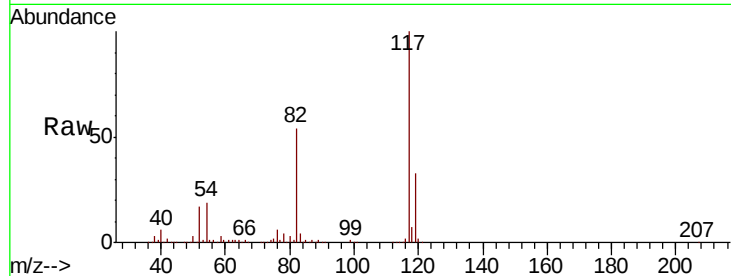




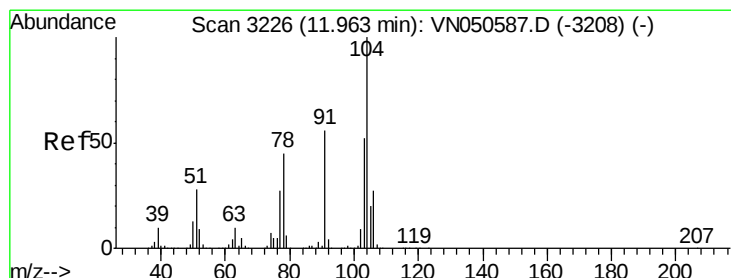
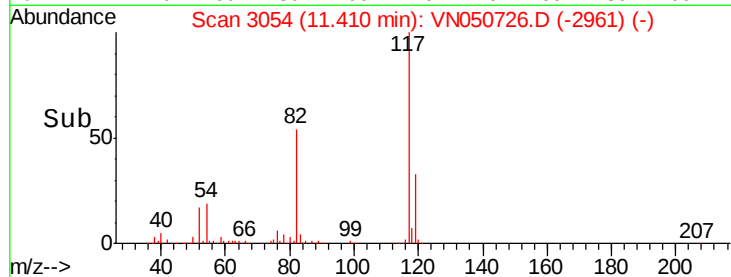
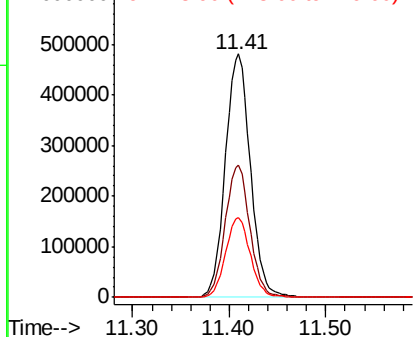
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampled :
PB112140TB

Tot Ion:117 Resp: 863112
Ion Ratio Lower Upper
117 100
82 54.4 42.4 63.6
119 32.9 25.8 38.8

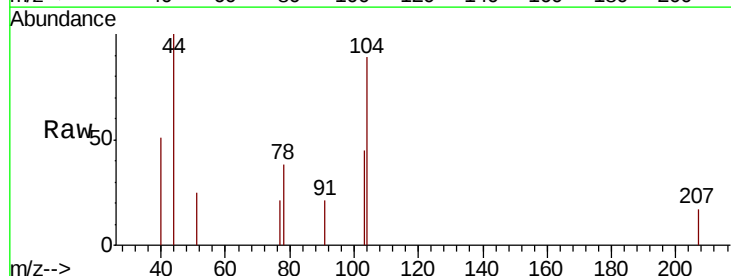


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

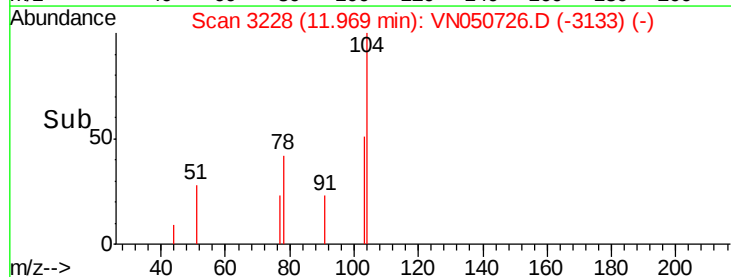
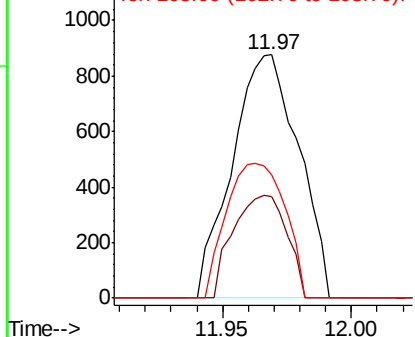


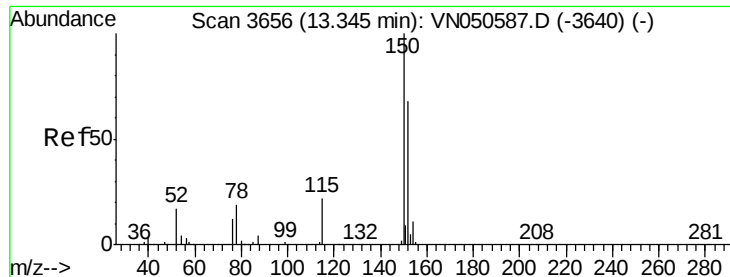
#70
Styrene
Concen: 1.01 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion:104 Resp: 1574
Ion Ratio Lower Upper
104 100
78 34.2 39.1 58.7#
103 48.9 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB112140TB

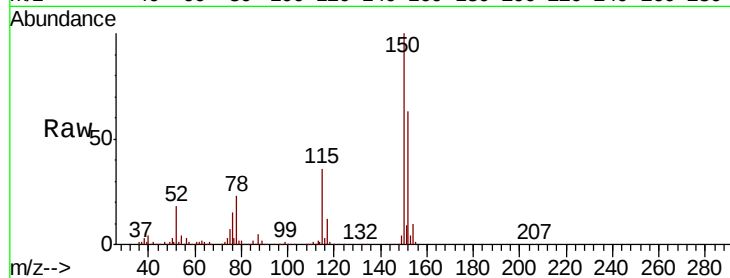
Tot Ion:152 Resp: 282680

Ion Ratio Lower Upper

152 100

115 57.3 28.1 84.2

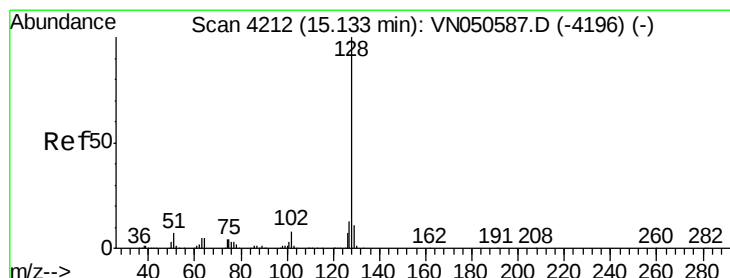
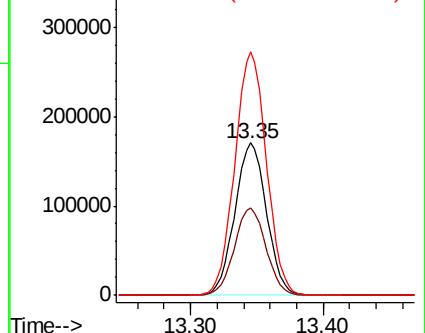
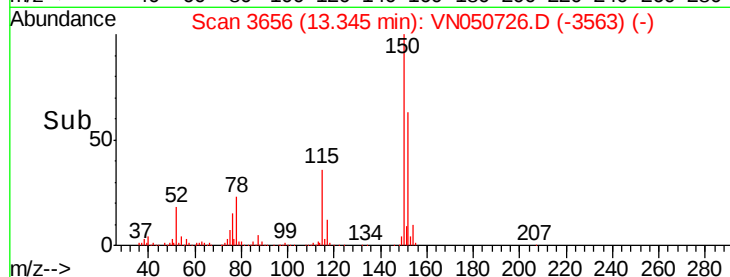
150 159.2 0.0 347.8



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: 4.51 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

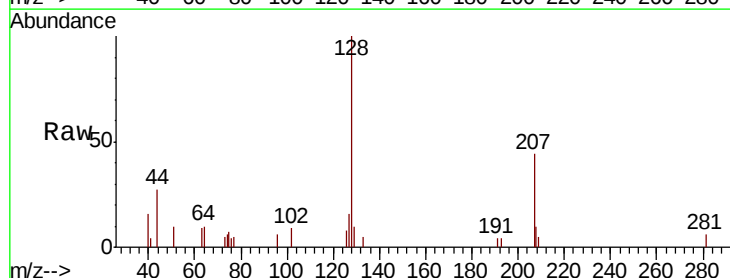
Tgt Ion:128 Resp: 7597

Ion Ratio Lower Upper

128 100

127 15.4 10.3 15.5

129 10.0 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

