

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049418.D
 Acq On : 20 Jun 2018 6:12
 Operator : MD\SY
 Sample : J3573-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-52-COMP

Quant Time: Jun 20 08:29:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

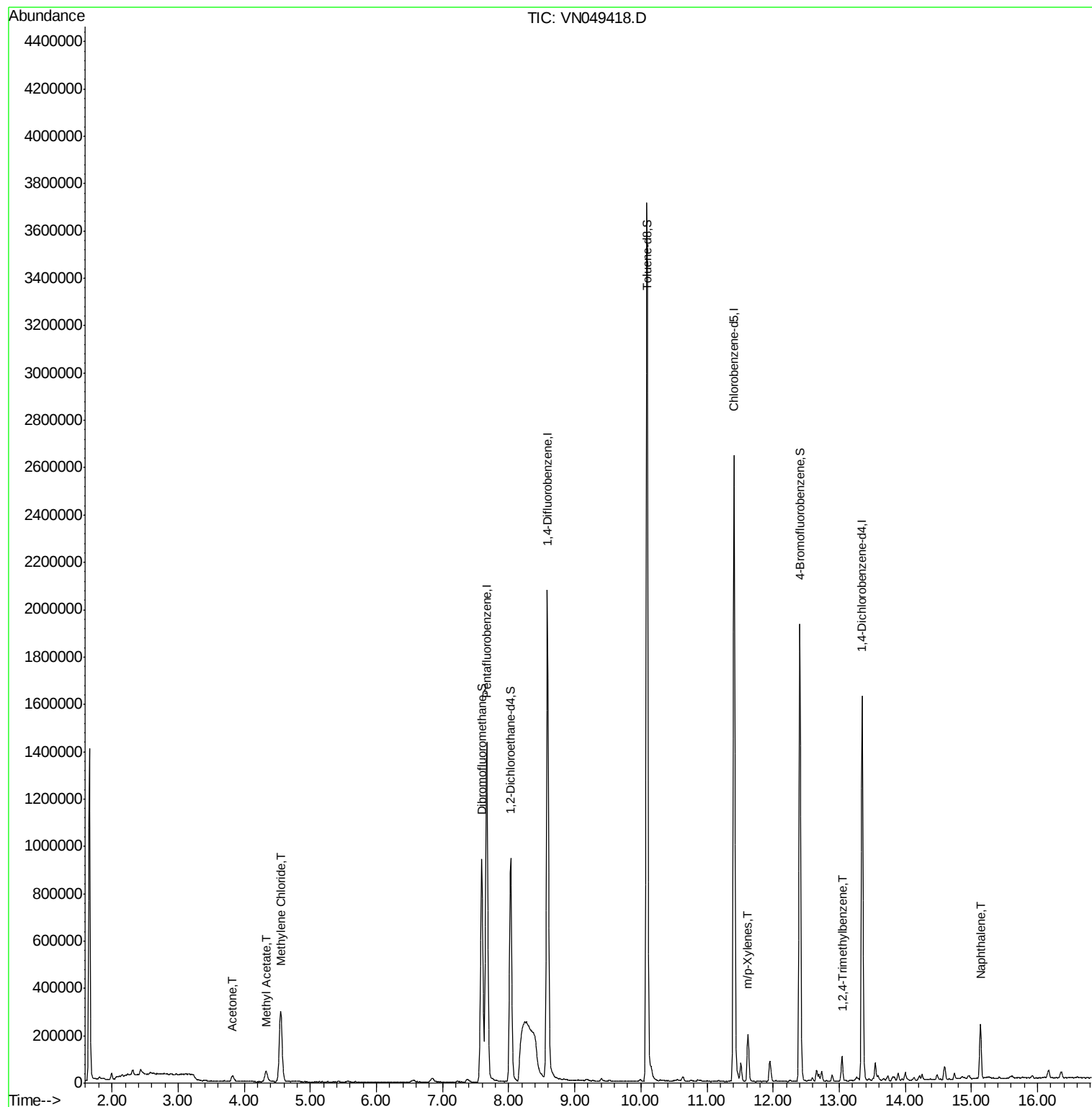
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1240619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1964544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1626354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	473848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	809171	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
35) Dibromofluoromethane	7.59	113	731259	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
50) Toluene-d8	10.09	98	2693695	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
62) 4-Bromofluorobenzene	12.40	95	688755	34.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.84%	
Target Compounds						
16) Acetone	3.82	43	45423	11.369	ug/l	98
18) Methyl Acetate	4.33	43	92160	7.565	ug/l	97
20) Methylene Chloride	4.55	84	229476	13.752	ug/l	91
68) m/p-Xylenes	11.62	106	63689	2.442	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	62223	1.915	ug/l	98
95) Naphthalene	15.14	128	204369	16.983	ug/l	99

(#) = 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# 1890

Delta R.T. 0.00 min

Lab File: VN049418.D

Acq: 20 Jun 2018 6:12

Instrument :

MSVOA_N

ClientSampleId :

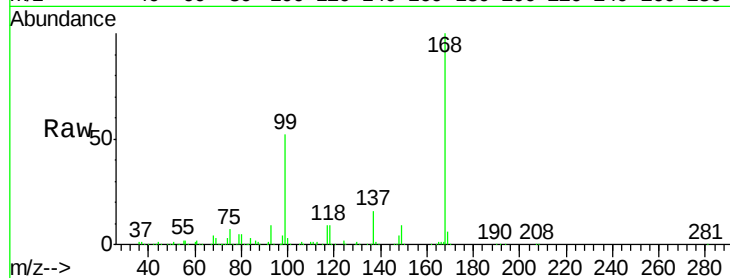
SB-52-COMP

Tot Ion:168 Resp: 1240619

Ion Ratio Lower Upper

168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

600000

500000

400000

300000

200000

100000

0

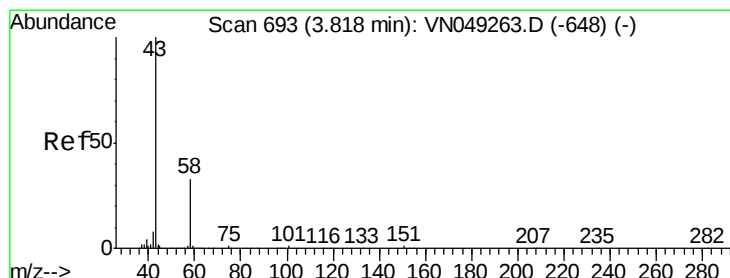
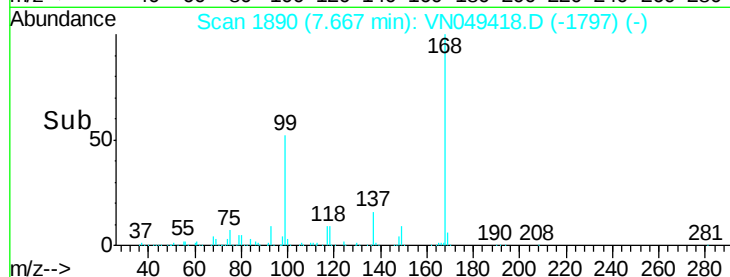
7.67

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 11.369 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN049418.D

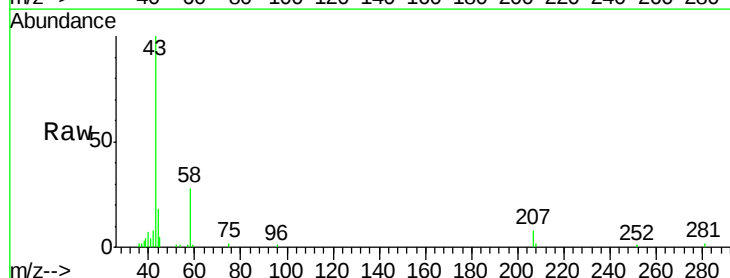
Acq: 20 Jun 2018 6:12

Tgt Ion: 43 Resp: 45423

Ion Ratio Lower Upper

43 100

58 27.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

15000

10000

5000

0

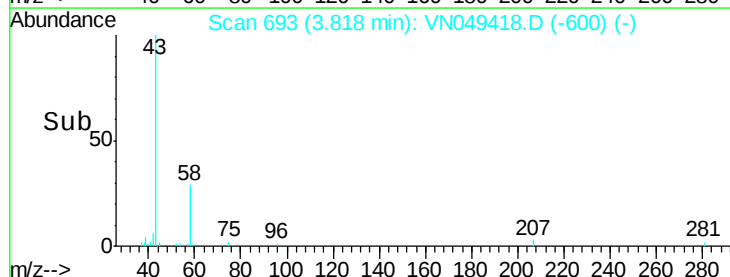
3.82

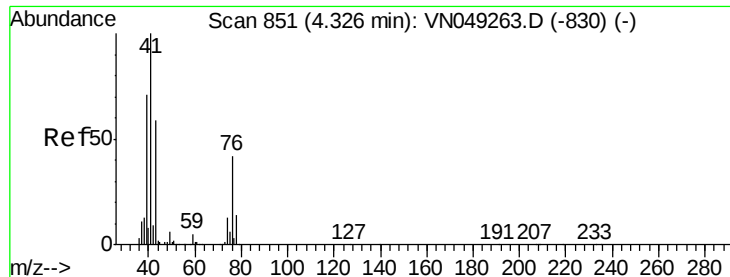
3.70

3.80

3.90

Time-->

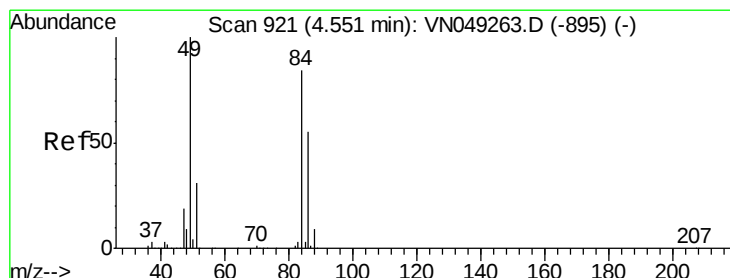
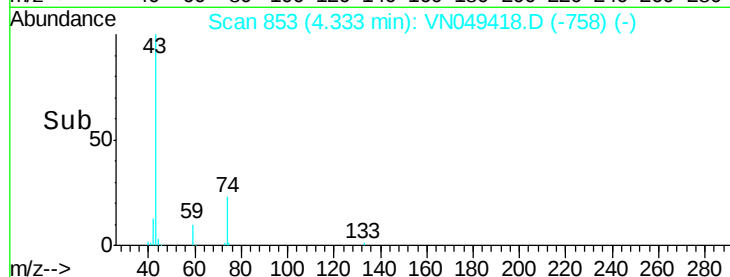
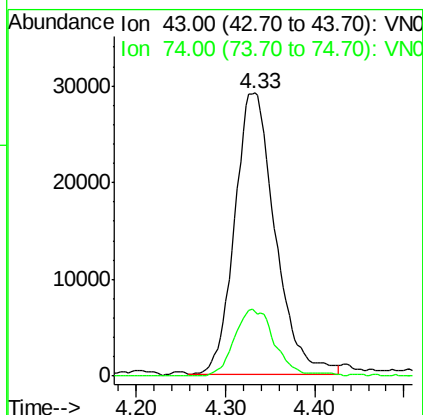
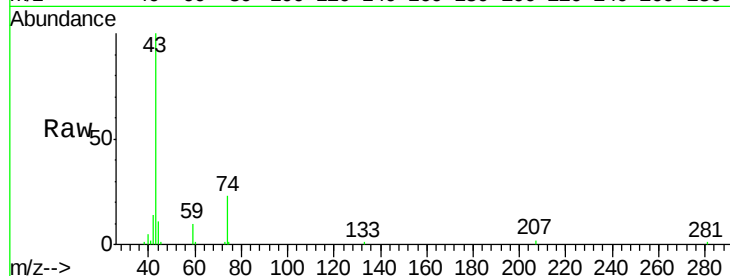




#18
Methvl Acetate
Concen: 7.565 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049418.D
Acq: 20 Jun 2018 6:12

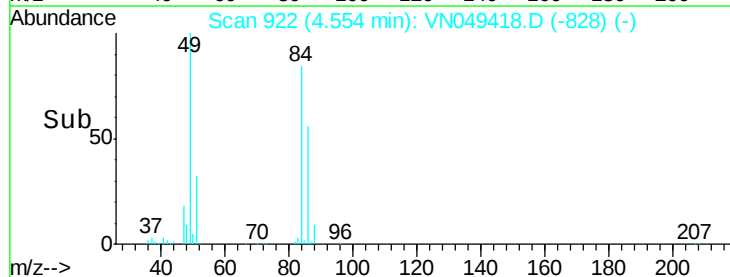
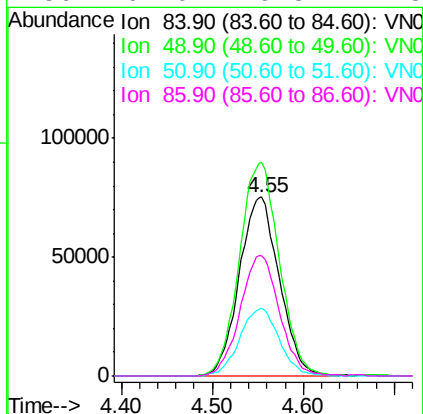
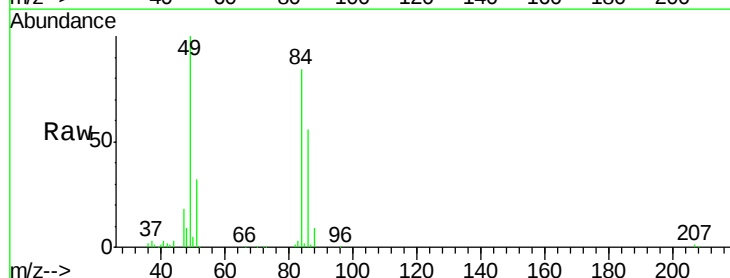
Instrument :
MSVOA_N
ClientSampleId :
SB-52-COMP

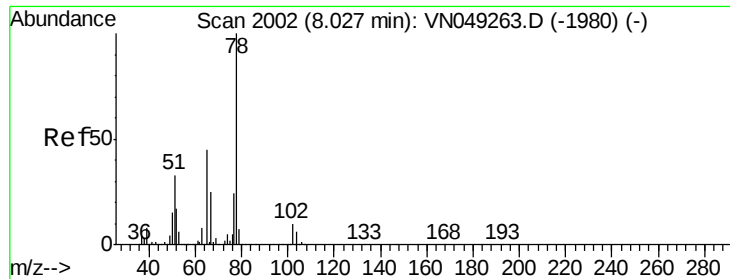
Tot Ion: 43 Resp: 92160
Ion Ratio Lower Upper
43 100
74 23.3 17.4 26.0



#20
Methylene Chloride
Concen: 13.752 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049418.D
Acq: 20 Jun 2018 6:12

Tgt Ion: 84 Resp: 229476
Ion Ratio Lower Upper
84 100
49 119.4 106.9 160.3
51 38.1 32.7 49.1
86 67.0 49.8 74.8

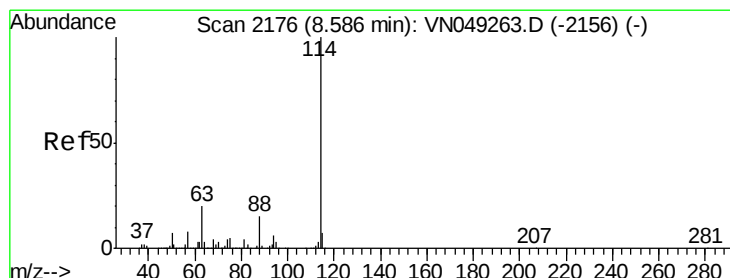
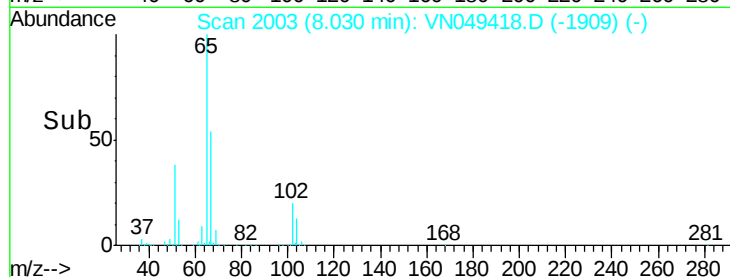
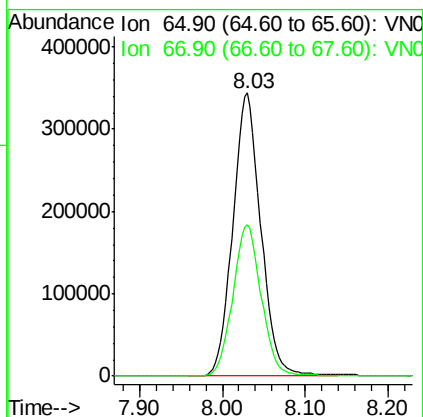
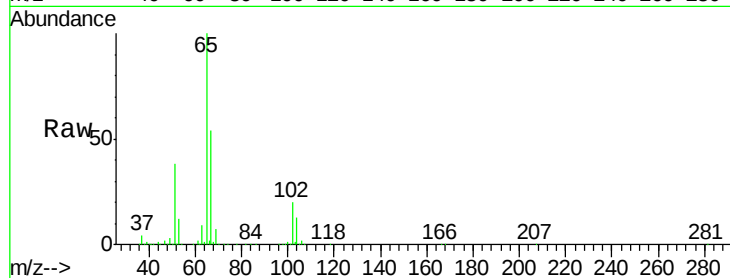




#33
 1,2-Dichloroethane-d4
 Concen: 49.175 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049418.D
 Acq: 20 Jun 2018 6:12

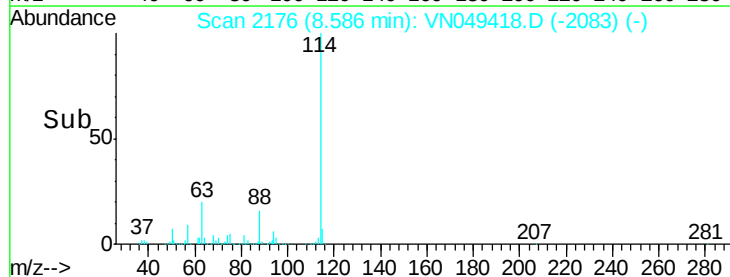
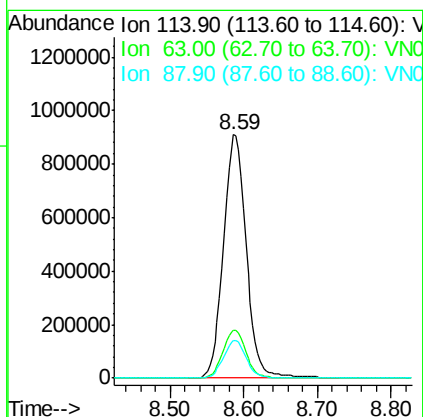
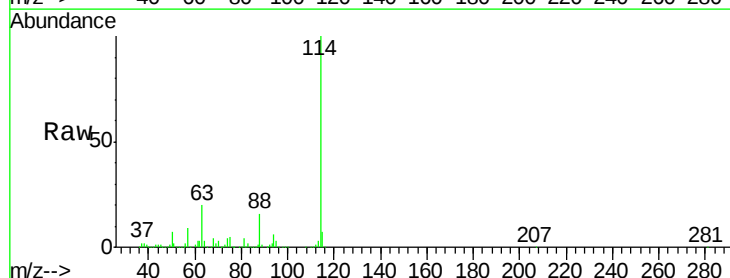
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-52-COMP

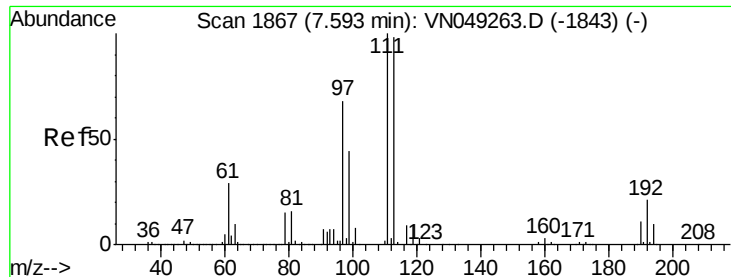
Tot Ion: 65 Resp: 809171
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049418.D
 Acq: 20 Jun 2018 6:12

Tgt Ion: 114 Resp: 1964544
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.4
 88 15.5 0.0 31.4

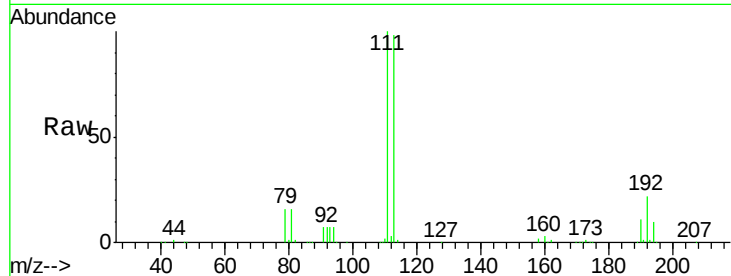




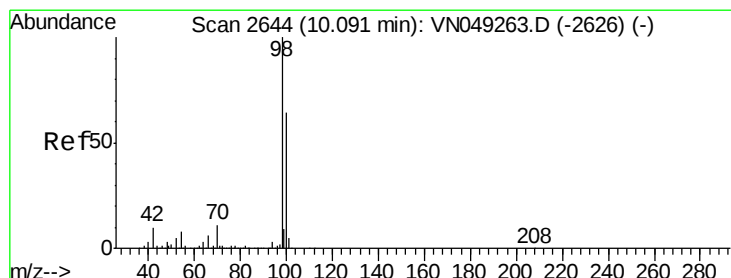
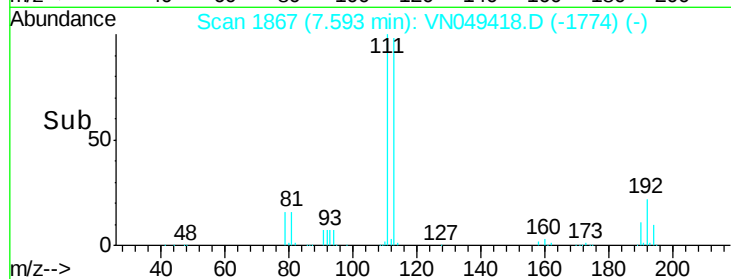
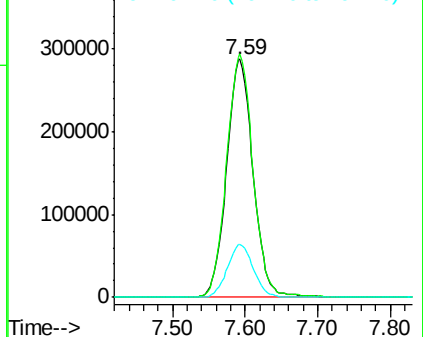
#35
 Dibromofluoromethane
 Concen: 46.008 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049418.D
 Acq: 20 Jun 2018 6:12

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-52-COMP

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	22.0	15.0	22.6

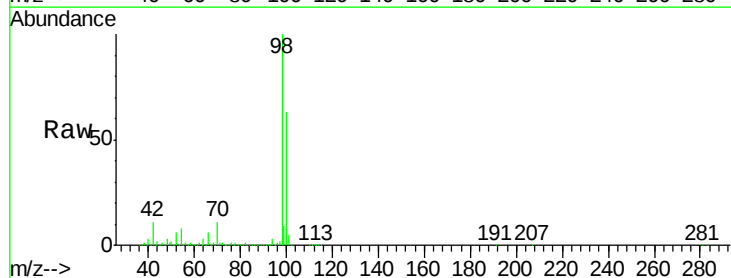


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

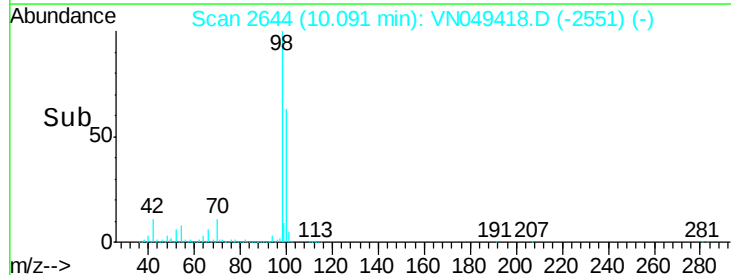
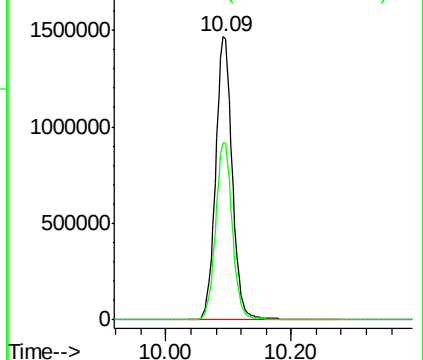


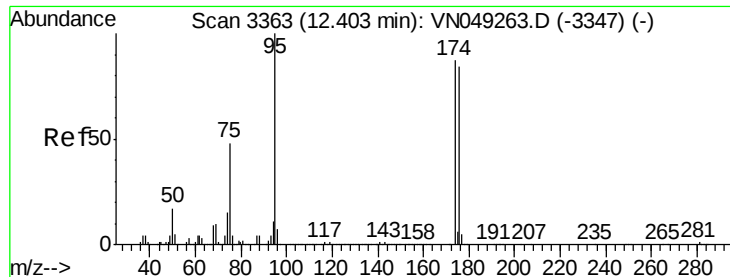
#50
 Toluene-d8
 Concen: 44.510 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049418.D
 Acq: 20 Jun 2018 6:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	49.8	74.8



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 34.419 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049418.D

Acq: 20 Jun 2018 6:12

Instrument :

MSVOA_N

ClientSampleId :

SB-52-COMP

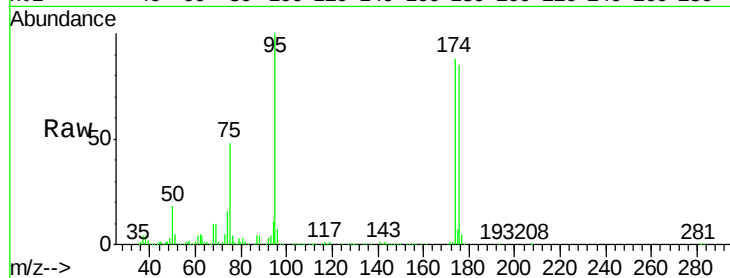
Tot Ion: 95 Resp: 688755

Ion Ratio Lower Upper

95 100

174 88.4 0.0 165.6

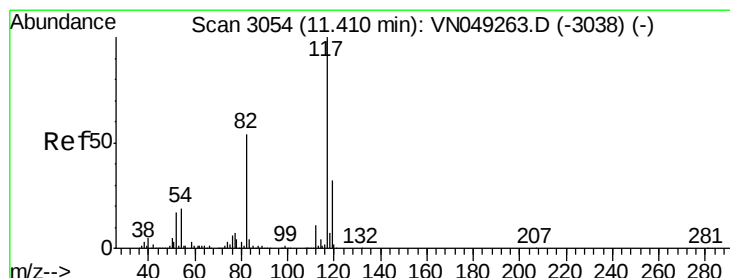
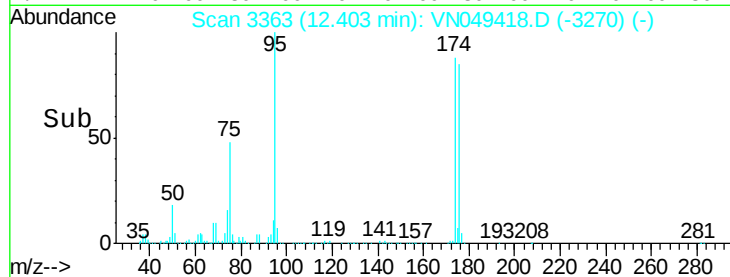
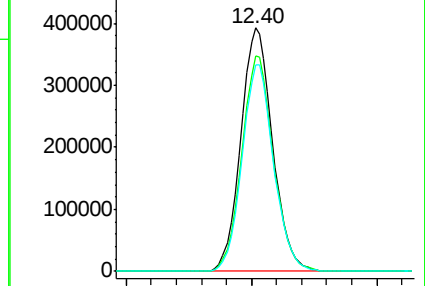
176 84.3 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049418.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049418.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049418.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049418.D

Acq: 20 Jun 2018 6:12

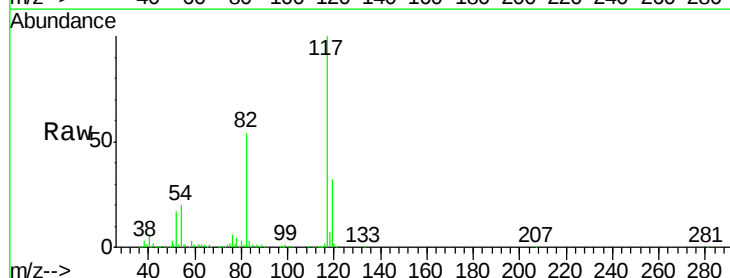
Tgt Ion: 117 Resp: 1626354

Ion Ratio Lower Upper

117 100

82 53.7 45.9 68.9

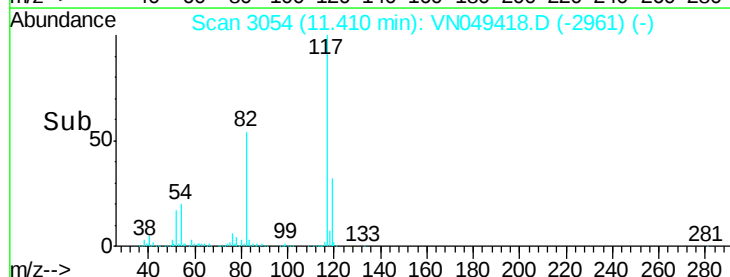
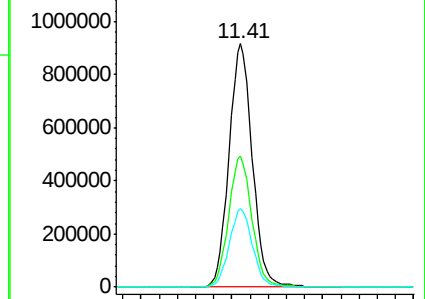
119 32.5 25.5 38.3

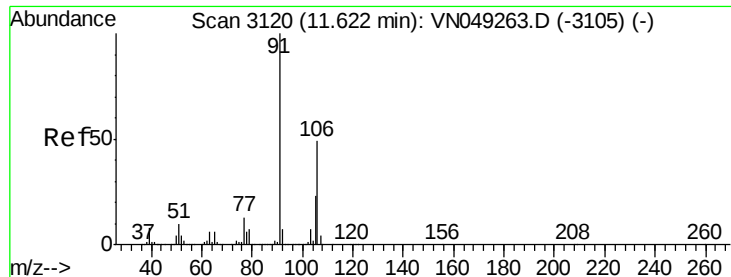


Abundance Ion 116.90 (116.60 to 117.60): VN049418.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049418.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049418.D (-2961) (-)





#68

m/p-Xvlenes

Concen: 2.442 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049418.D

Acq: 20 Jun 2018 6:12

Instrument :

MSVOA_N

ClientSampleId :

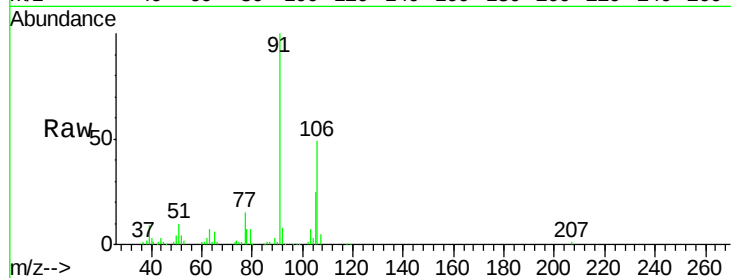
SB-52-COMP

Tot Ion:106 Resp: 63689

Ion Ratio Lower Upper

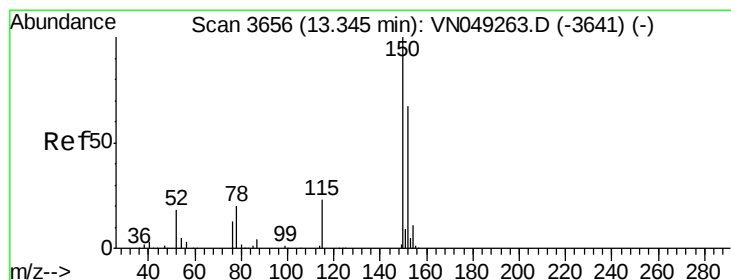
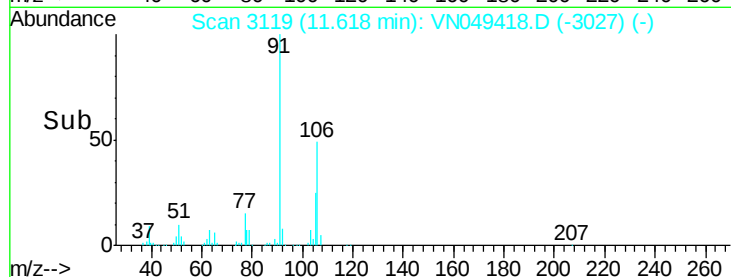
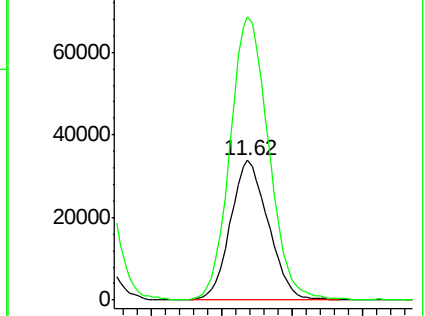
106 100

91 207.0 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049418.D

Acq: 20 Jun 2018 6:12

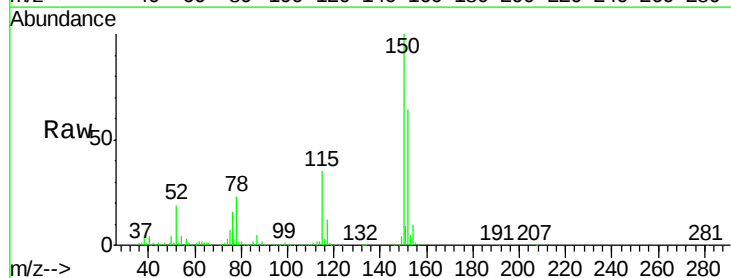
Tgt Ion:152 Resp: 473848

Ion Ratio Lower Upper

152 100

115 56.0 28.7 86.1

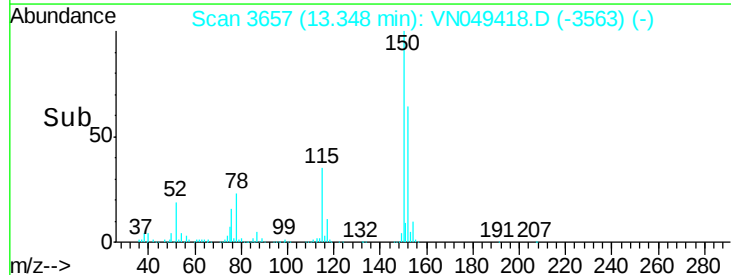
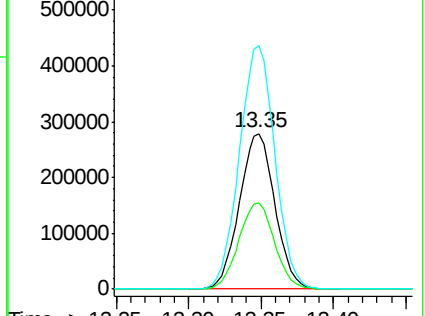
150 157.2 0.0 351.0

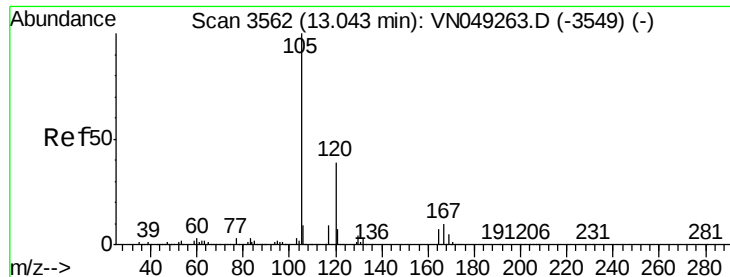


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.915 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049418.D

Acq: 20 Jun 2018 6:12

Instrument :

MSVOA_N

ClientSampleId :

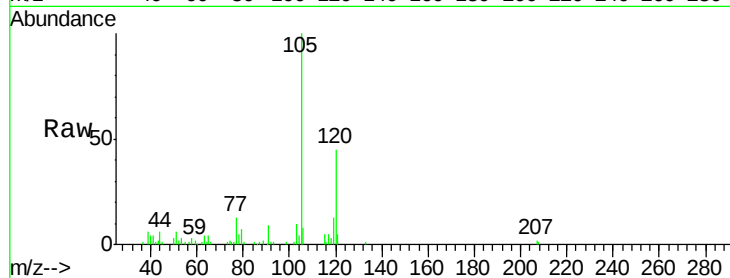
SB-52-COMP

Tot Ion:105 Resp: 62223

Ion Ratio Lower Upper

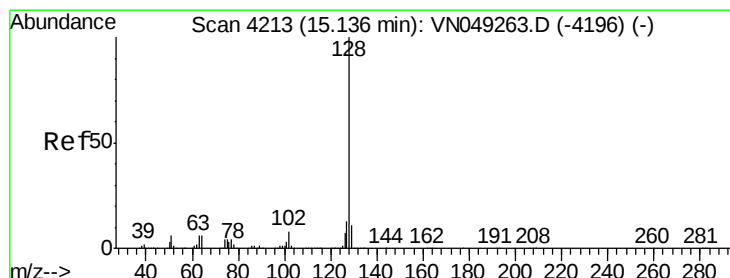
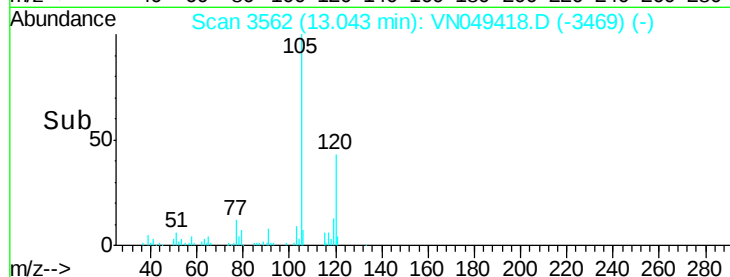
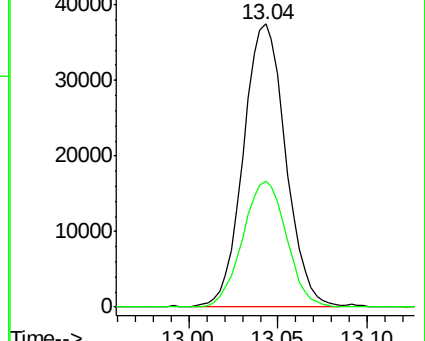
105 100

120 45.6 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 16.983 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049418.D

Acq: 20 Jun 2018 6:12

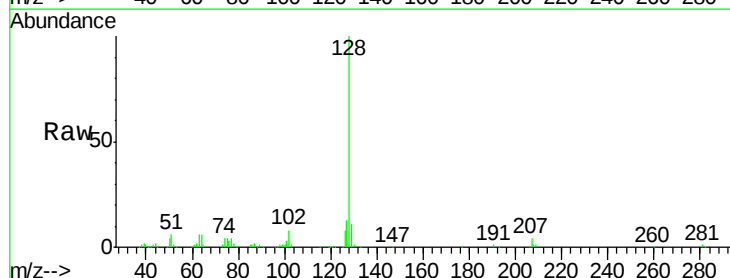
Tgt Ion:128 Resp: 204369

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.8 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

