

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049300.D
 Acq On : 16 Jun 2018 9:52
 Operator : MD\SY
 Sample : J3464-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-41-COMP

Quant Time: Jun 18 02:08:33 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	923845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1808683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1884048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	588809	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	587507	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
35) Dibromofluoromethane	7.59	113	552976	37.79	ug/l	0.00
Spiked Amount			Recovery	=	75.58%	
50) Toluene-d8	10.09	98	2198308	39.45	ug/l	0.00
Spiked Amount			Recovery	=	78.90%	
62) 4-Bromofluorobenzene	12.40	95	733547	39.82	ug/l	0.00
Spiked Amount			Recovery	=	79.64%	

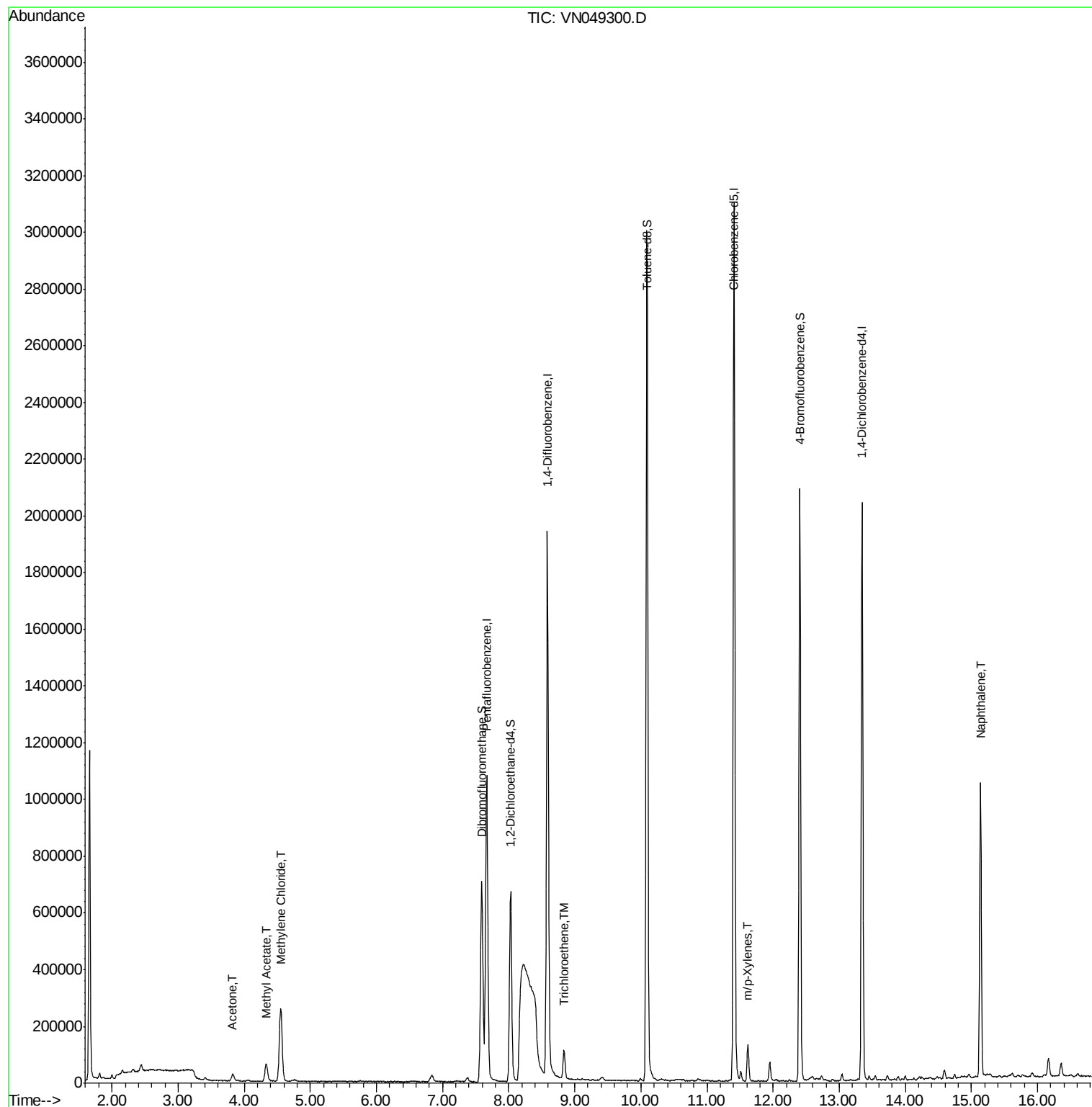
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	38664	13.00	ug/l	90
18) Methyl Acetate	4.33	43	121865	13.43	ug/l	96
20) Methylene Chloride	4.55	84	198441	15.97	ug/l	92
44) Trichloroethene	8.84	130	38359	2.29	ug/l	94
68) m/p-Xylenes	11.62	106	39085	1.29	ug/l	98
95) Naphthalene	15.14	128	909003	50.64	ug/l	99

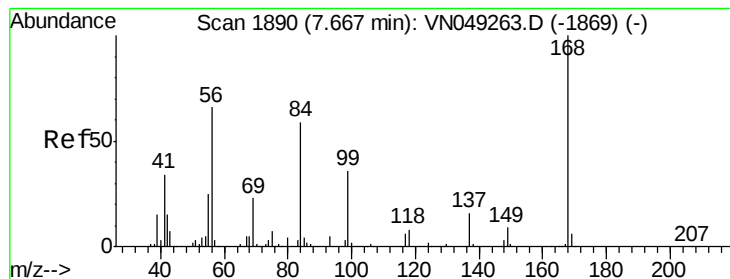
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061618\
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Quant Title : SW846 8260
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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: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

ClientSampleId :

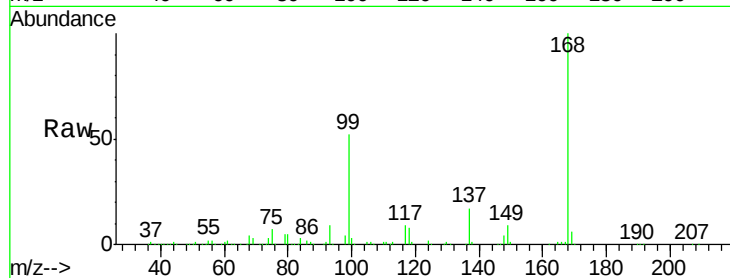
SB-41-COMP

Tot Ion:168 Resp: 923845

Ion Ratio Lower Upper

168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

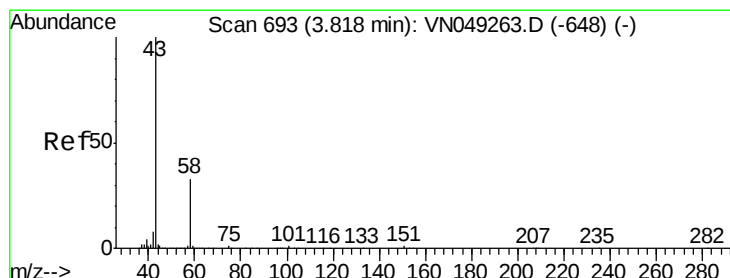
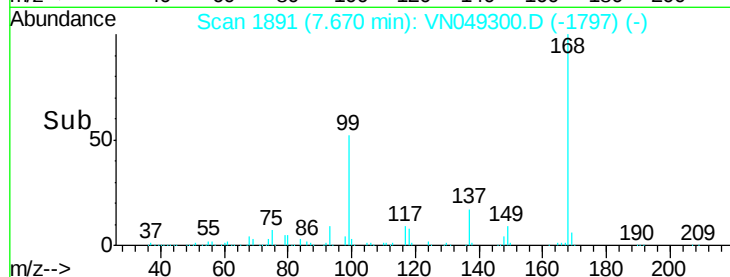
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 13.00 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049300.D

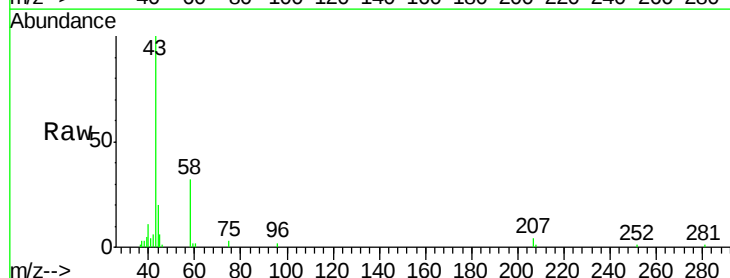
Acq: 16 Jun 2018 9:52

Tgt Ion: 43 Resp: 38664

Ion Ratio Lower Upper

43 100

58 33.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

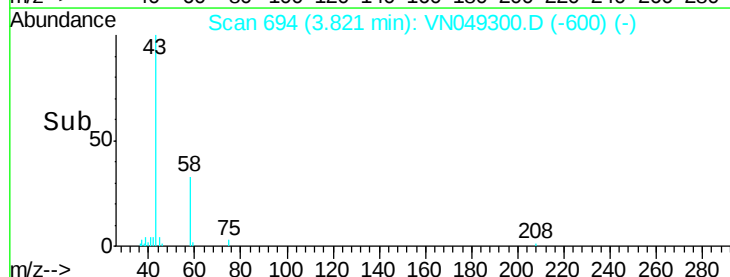
15000

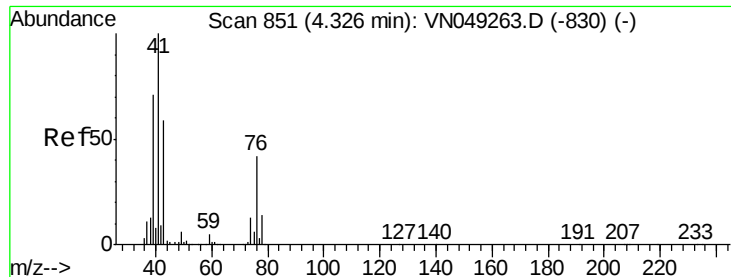
10000

5000

0

Time-->

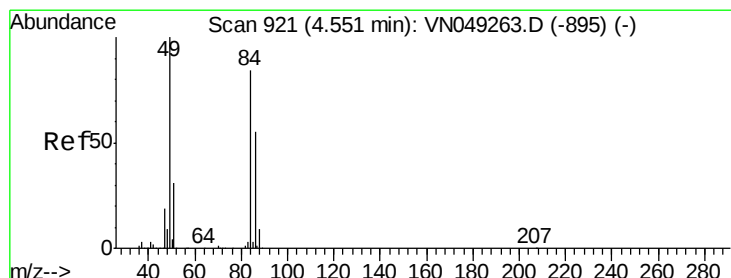
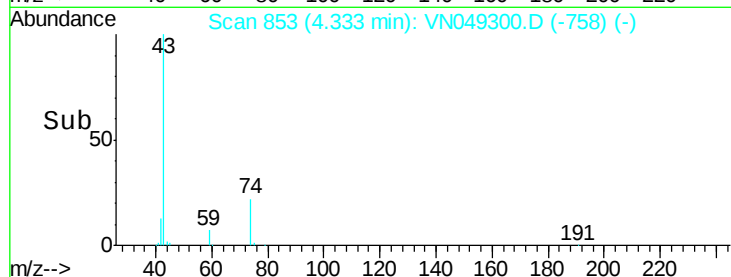
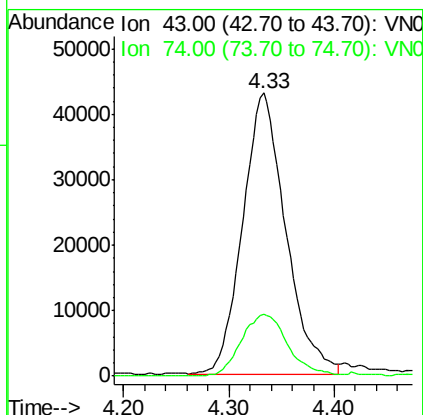
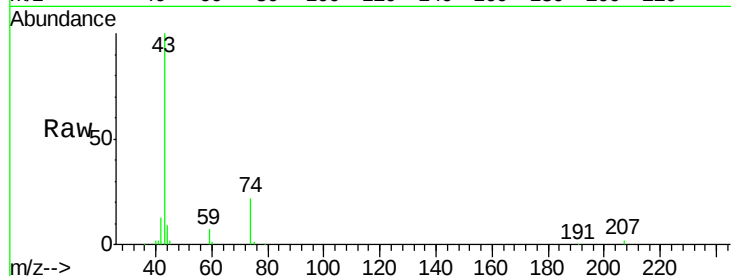




#18
Methvl Acetate
Concen: 13.43 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

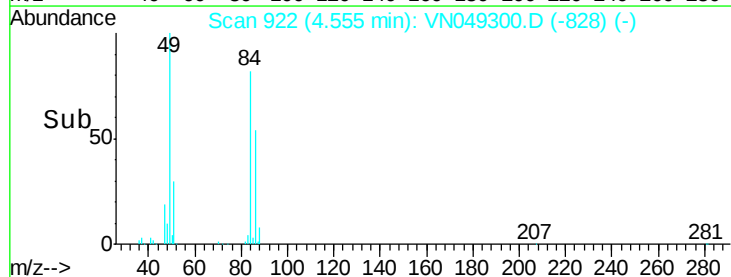
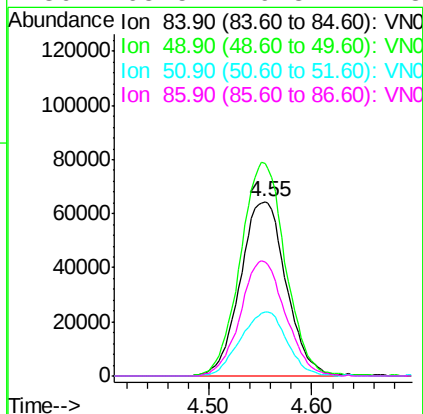
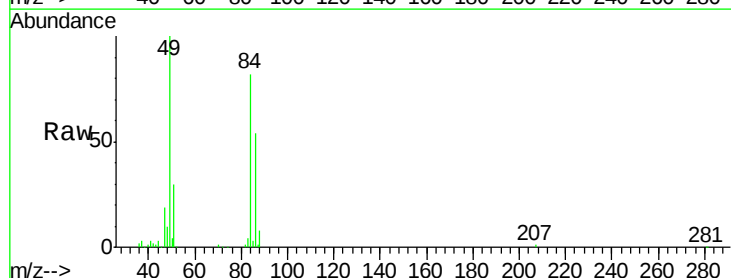
Instrument :
MSVOA_N
ClientSampleId :
SB-41-COMP

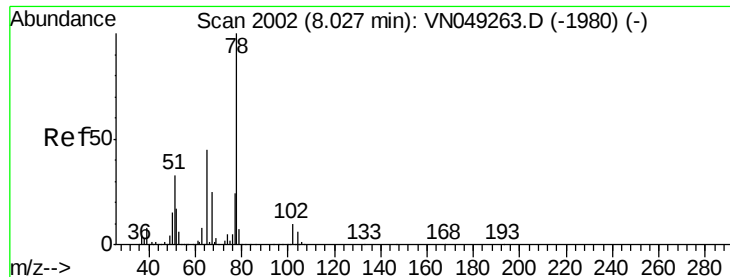
Tot Ion: 43 Resp: 121865
Ion Ratio Lower Upper
43 100
74 23.8 17.4 26.0



#20
Methylene Chloride
Concen: 15.97 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

Tgt Ion: 84 Resp: 198441
Ion Ratio Lower Upper
84 100
49 121.8 106.9 160.3
51 36.8 32.7 49.1
86 65.5 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 47.95 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

ClientSampled :

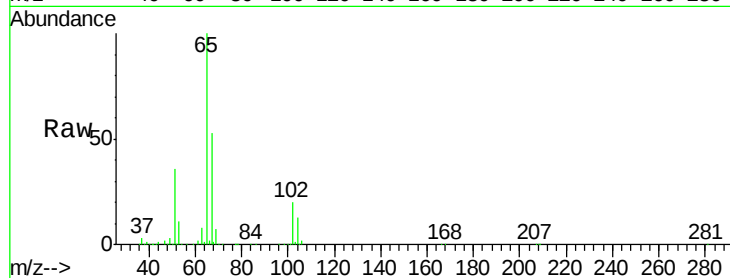
SB-41-COMP

Tot Ion: 65 Resp: 587507

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049300.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049300.D (-1909) (-)

8.03

250000

200000

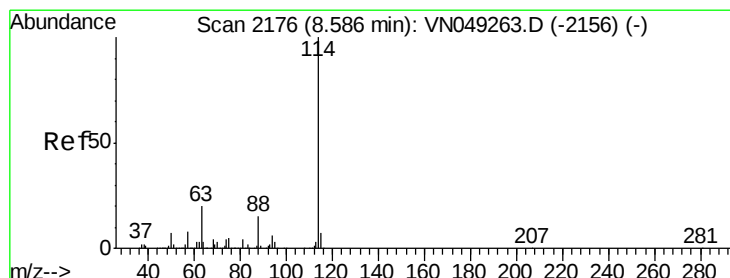
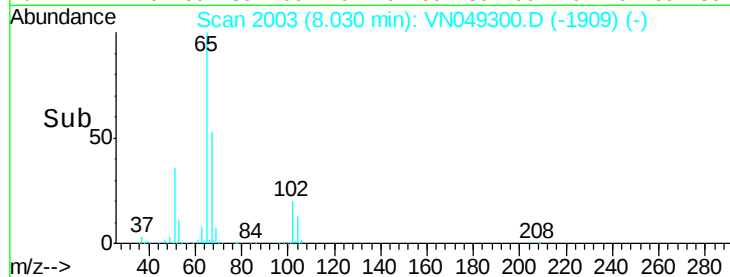
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

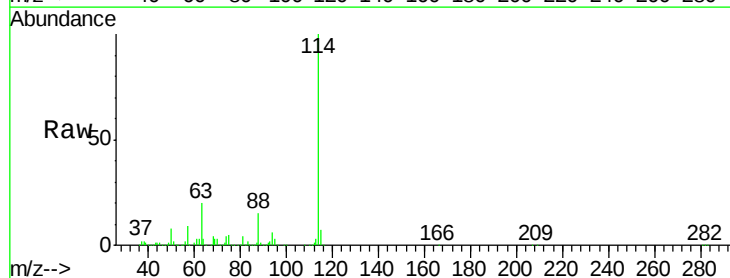
Tgt Ion: 114 Resp: 1808683

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.4

88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049300.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049300.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049300.D (-2083) (-)

8.59

1000000

800000

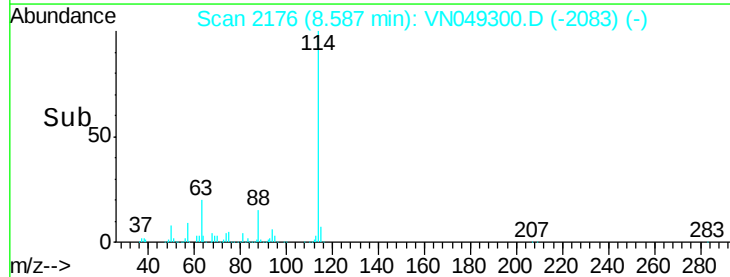
600000

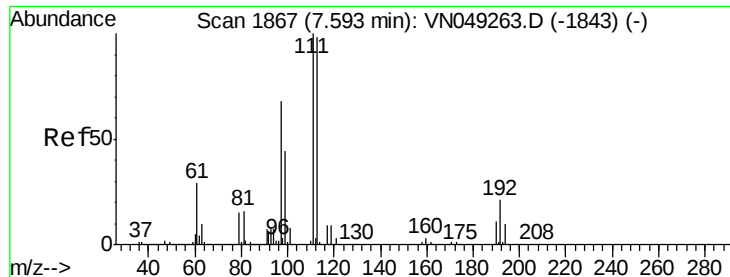
400000

200000

0

Time--> 8.50 8.60 8.70 8.80

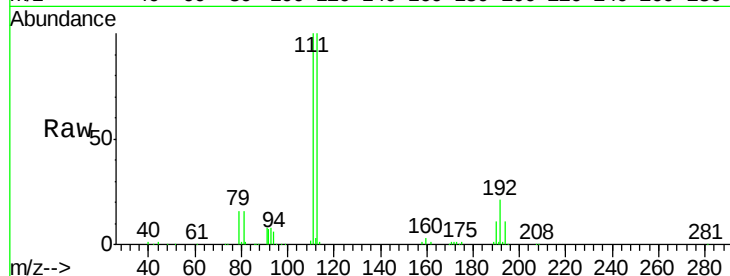




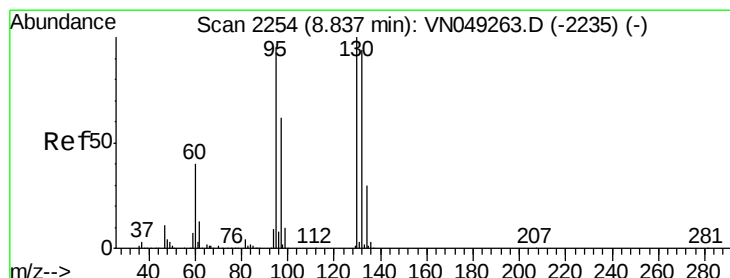
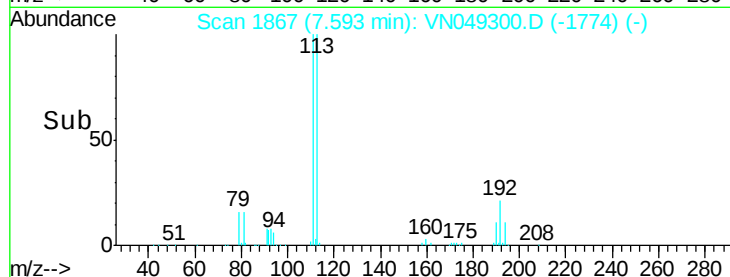
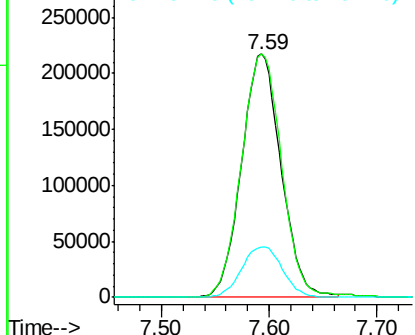
#35
Dibromofluoromethane
Concen: 37.79 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

Instrument :
MSVOA_N
ClientSampleId :
SB-41-COMP

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	21.5	15.0	22.6

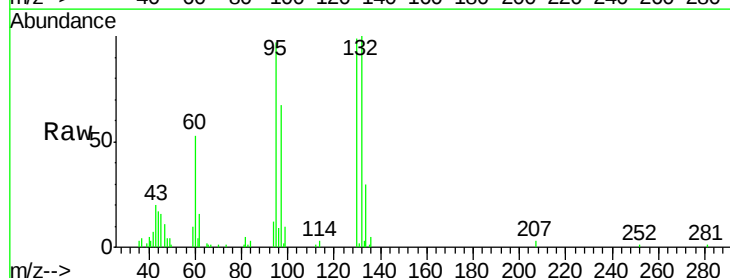


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

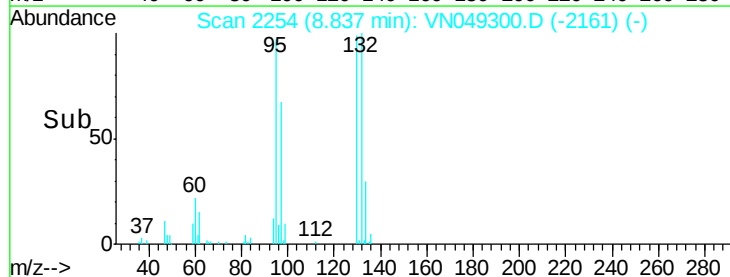
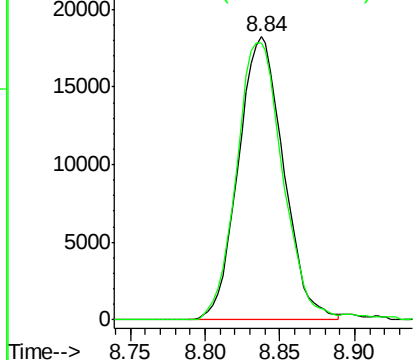


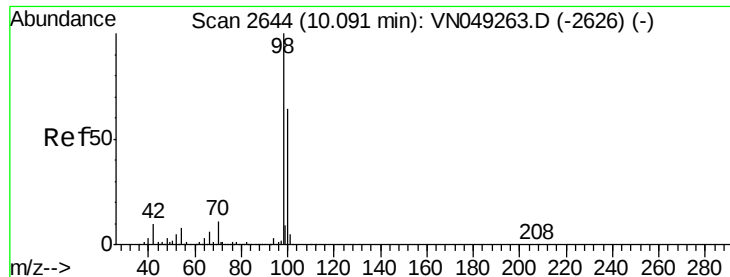
#44
Trichloroethene
Concen: 2.29 ug/l
RT: 8.84 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	208.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 39.45 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

ClientSampleId :

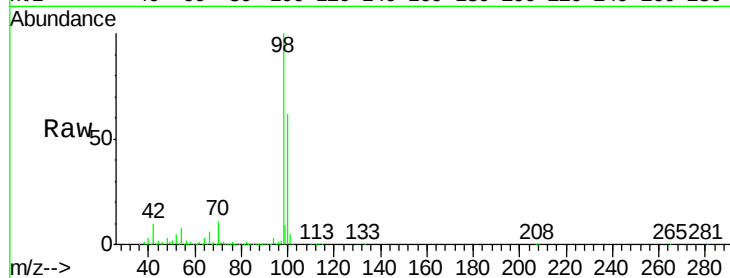
SB-41-COMP

Tot Ion: 98 Resp: 2198308

Ion Ratio Lower Upper

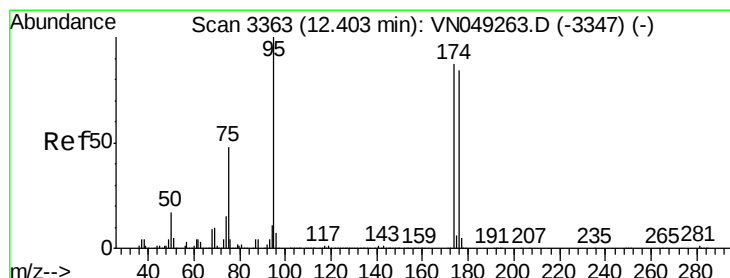
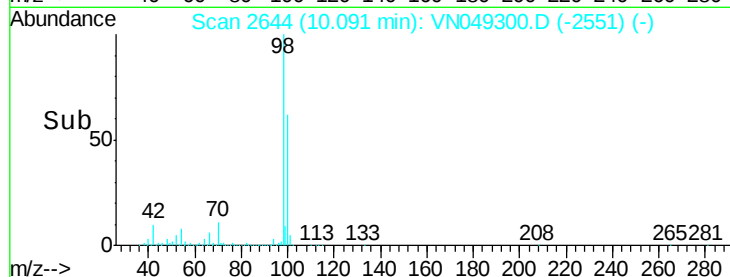
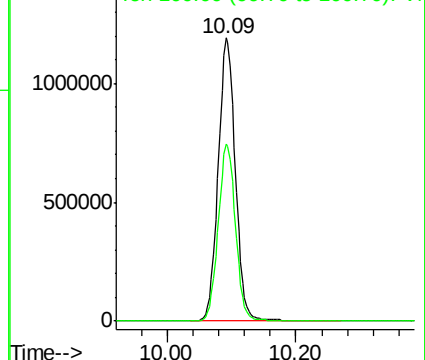
98 100

100 62.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049300.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049300.D (-2551) (-)



#62

4-Bromofluorobenzene

Concen: 39.82 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

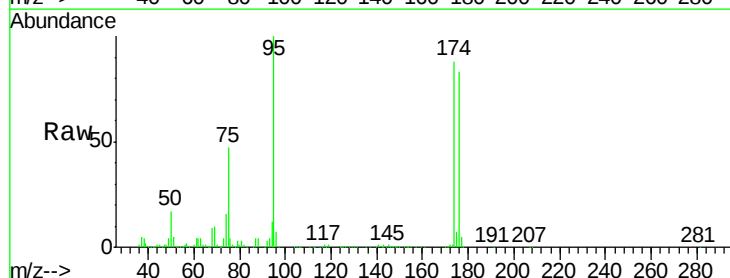
Tgt Ion: 95 Resp: 733547

Ion Ratio Lower Upper

95 100

174 88.8 0.0 165.6

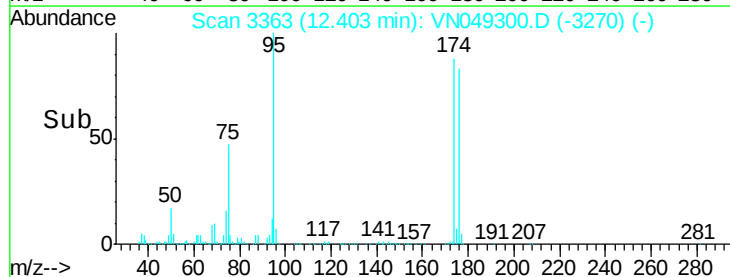
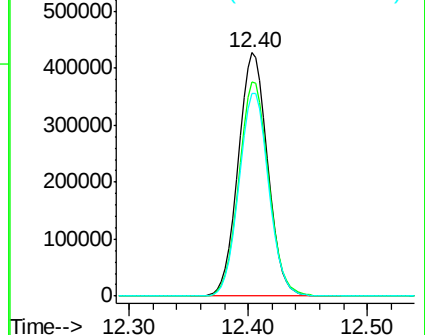
176 84.2 0.0 157.4

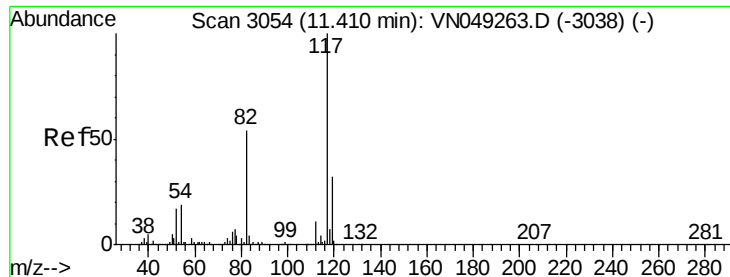


Abundance Ion 94.90 (94.60 to 95.60): VN049300.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049300.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049300.D (-3270) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

ClientSampled :

SB-41-COMP

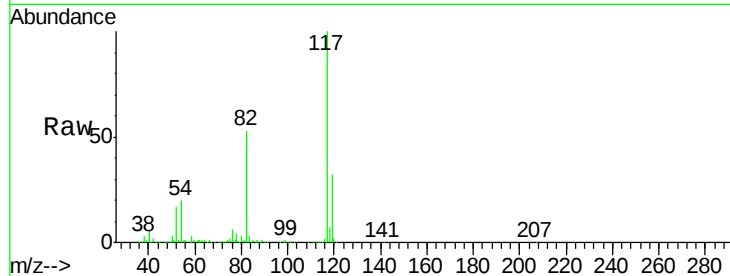
Tot Ion:117 Resp: 1884048

Ion Ratio Lower Upper

117 100

82 52.9 45.9 68.9

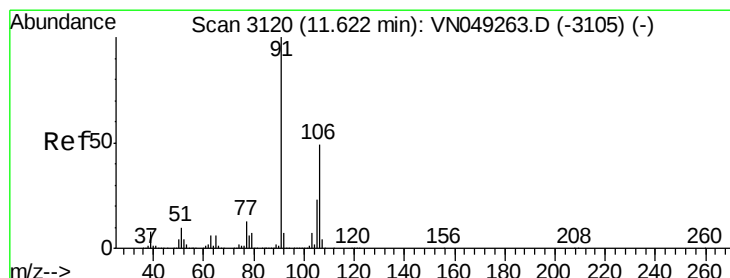
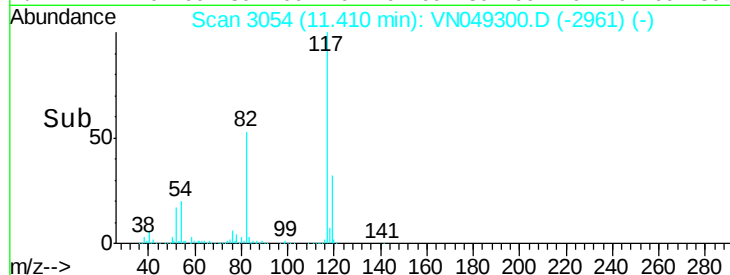
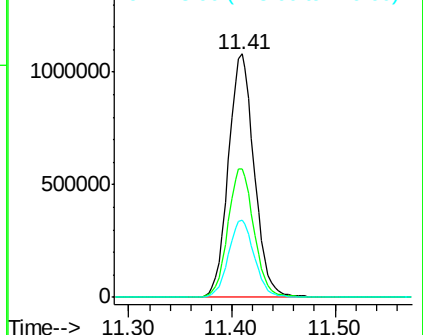
119 31.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VNO

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 1.29 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049300.D

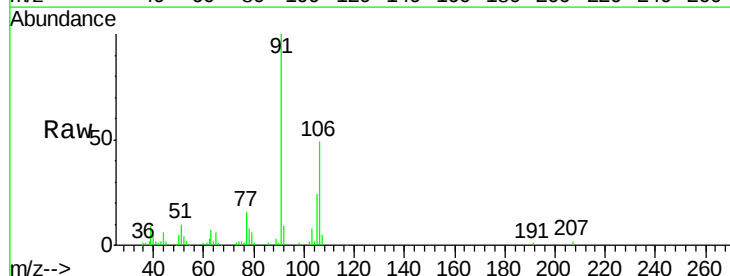
Acq: 16 Jun 2018 9:52

Tgt Ion:106 Resp: 39085

Ion Ratio Lower Upper

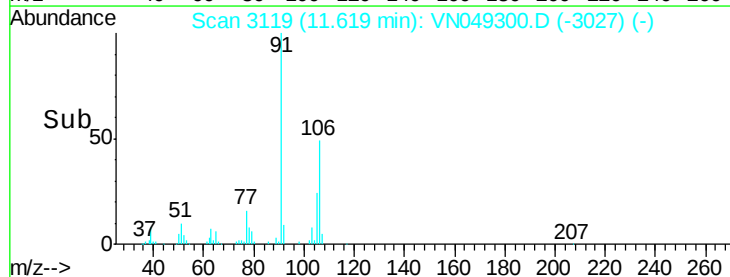
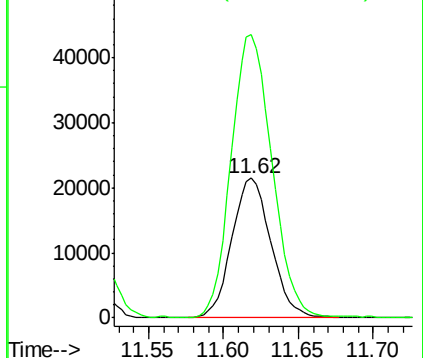
106 100

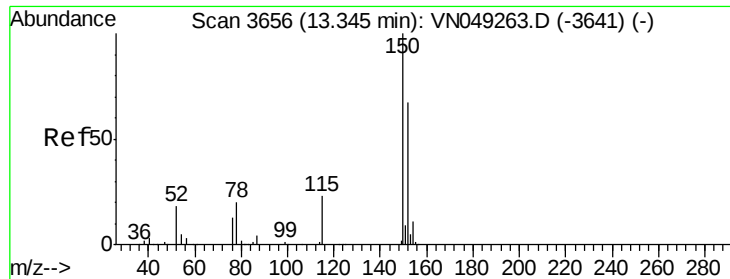
91 211.7 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VNO





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

ClientSampleId :

SB-41-COMP

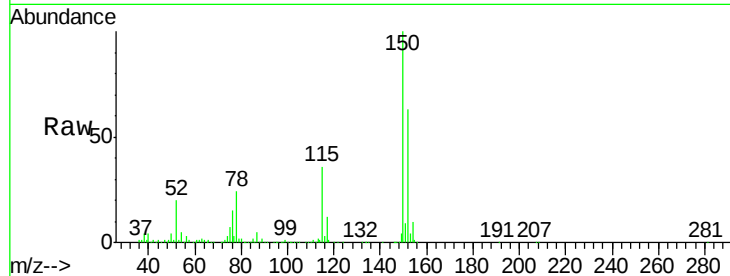
Tot Ion:152 Resp: 588809

Ion Ratio Lower Upper

152 100

115 57.5 28.7 86.1

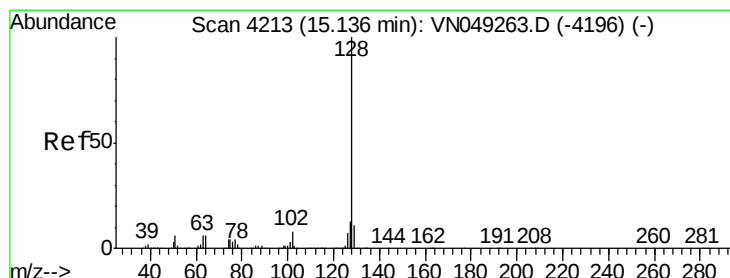
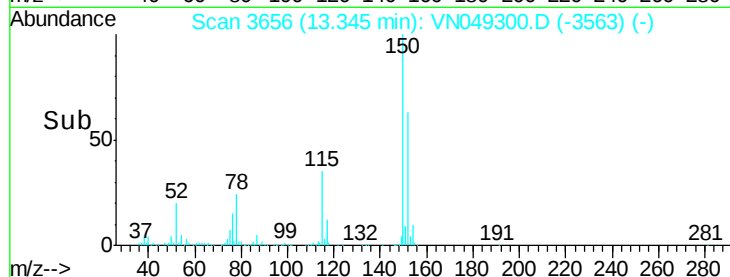
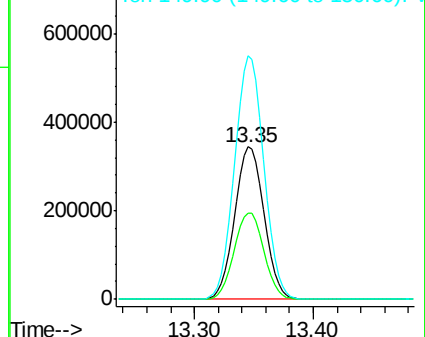
150 159.4 0.0 351.0



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



#95

Naphthalene

Concen: 50.64 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

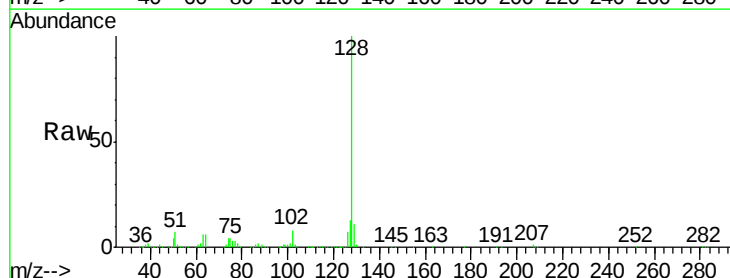
Tgt Ion:128 Resp: 909003

Ion Ratio Lower Upper

128 100

127 13.1 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

