

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050353.D
 Acq On : 4 Aug 2018 8:47
 Operator : MD\SY
 Sample : J4316-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T40-CLAY-1

Quant Time: Aug 06 01:08:19 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

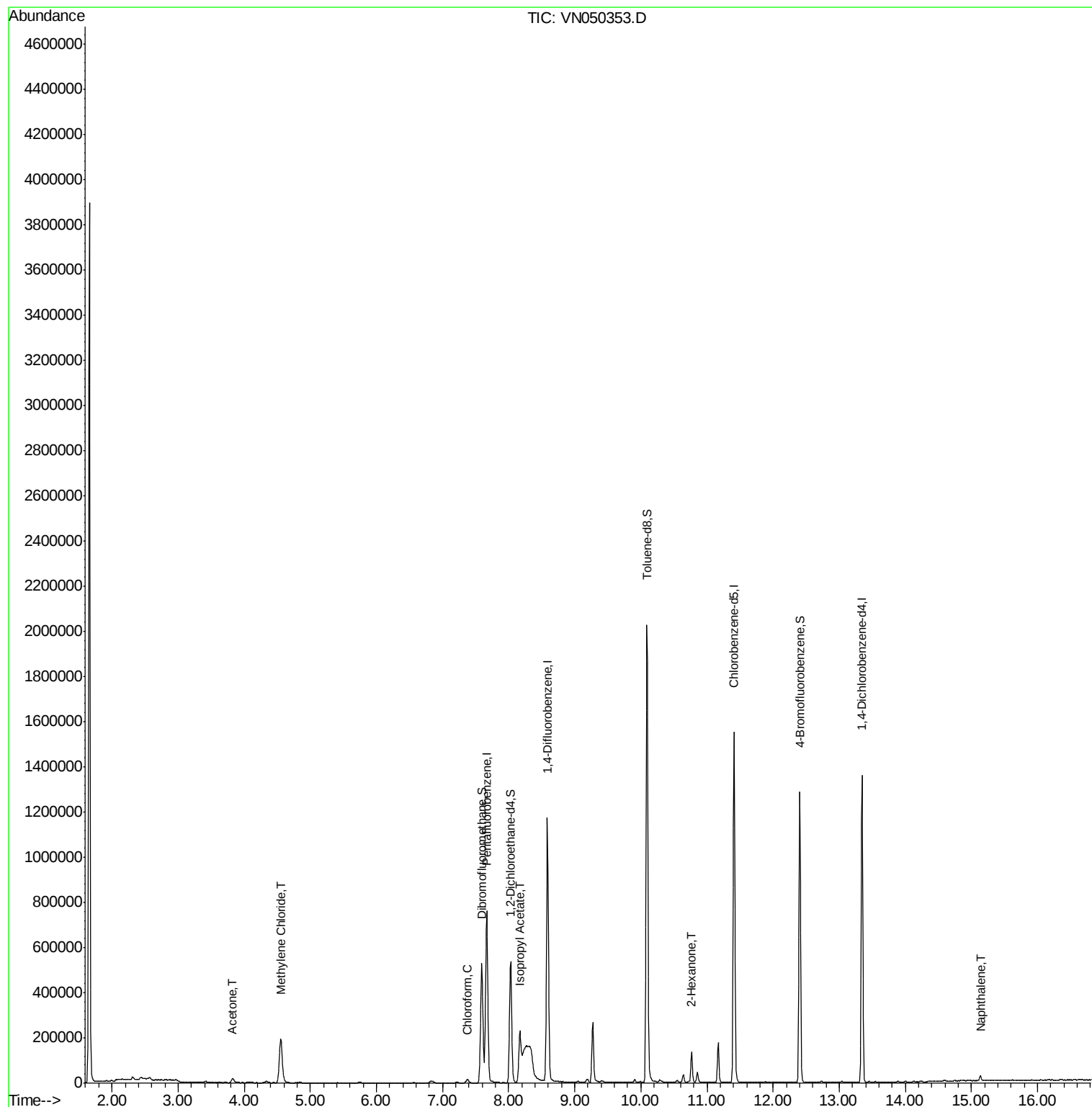
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	640003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1074913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	927638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	380881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	458858	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	7.59	113	400170	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
50) Toluene-d8	10.09	98	1472319	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
62) 4-Bromofluorobenzene	12.40	95	430314	40.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.00%	
Target Compounds						
16) Acetone	3.82	43	32730	11.42	ug/l	98
20) Methylene Chloride	4.55	84	155130	18.81	ug/l	96
30) Chloroform	7.37	83	16114	1.06	ug/l	97
43) Isopropyl Acetate	8.17	43	290362	17.51	ug/l	93
59) 2-Hexanone	10.77	43	19502	8.31	ug/l #	57
95) Naphthalene	15.14	128	17674	5.34	ug/l	99

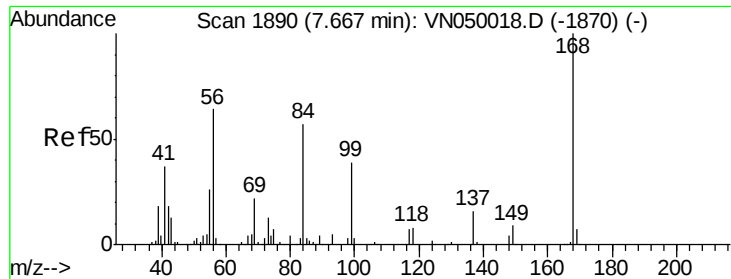
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050353.D

Acq: 4 Aug 2018 8:47

Instrument :

MSVOA_N

ClientSampleId :

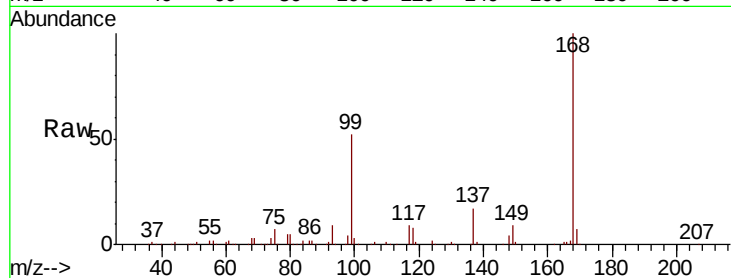
T40-CLAY-1

Tot Ion:168 Resp: 640003

Ion Ratio Lower Upper

168 100

99 51.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

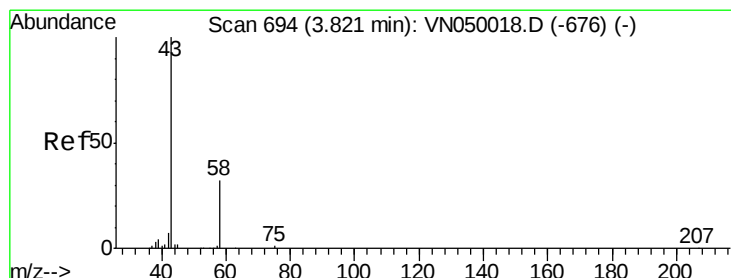
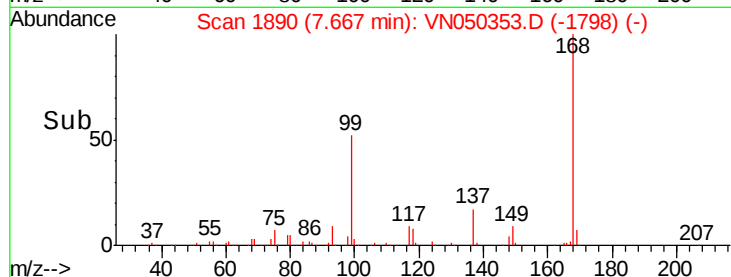
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.42 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050353.D

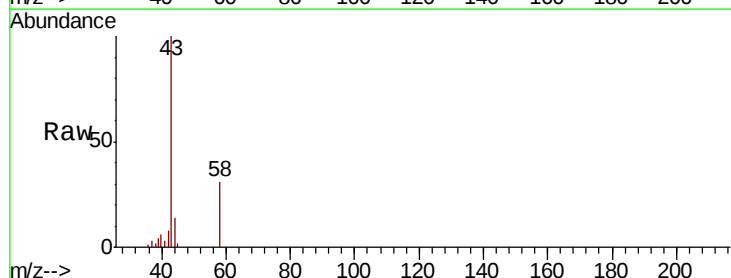
Acq: 4 Aug 2018 8:47

Tgt Ion: 43 Resp: 32730

Ion Ratio Lower Upper

43 100

58 31.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.82

12000

10000

8000

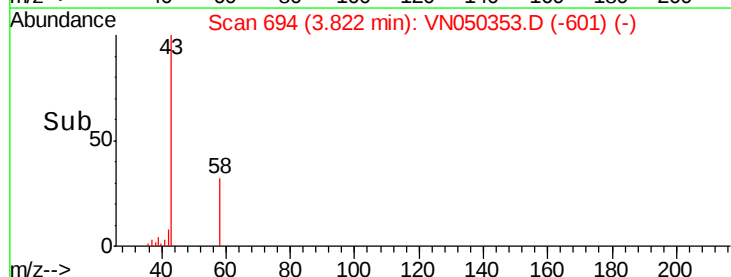
6000

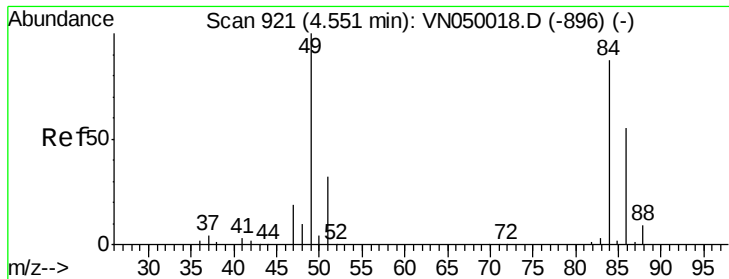
4000

2000

0

Time-->

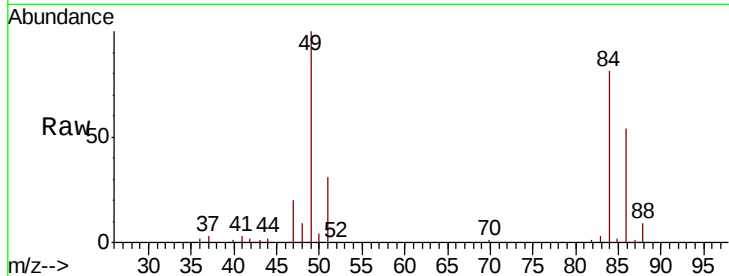




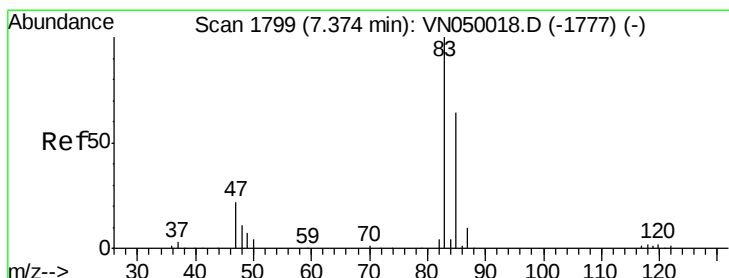
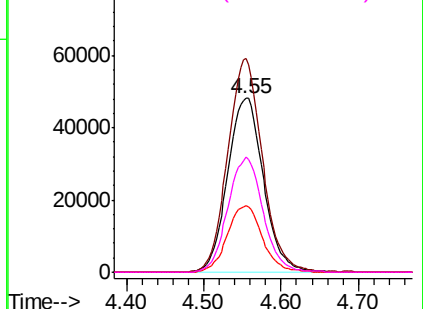
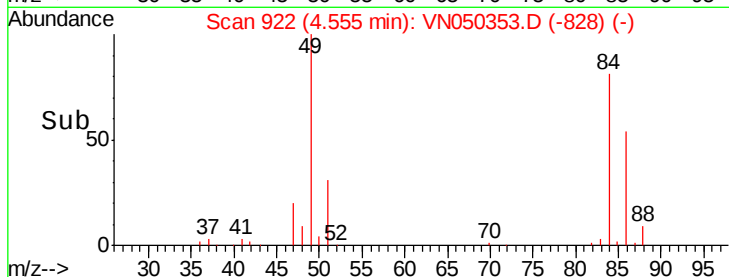
#20
Methylene Chloride
Concen: 18.81 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050353.D
Acq: 4 Aug 2018 8:47

Instrument :
MSVOA_N
ClientSampled :
T40-CLAY-1

Tot Ion: 84 Resp: 155130
Ion Ratio Lower Upper
84 100
49 122.7 94.8 142.2
51 38.4 28.3 42.5
86 66.0 51.0 76.6

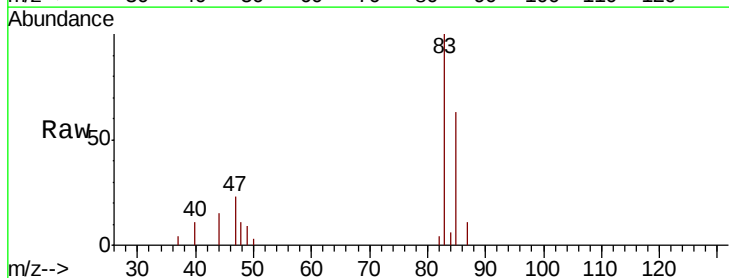


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

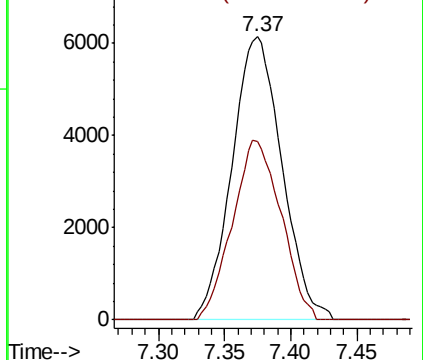
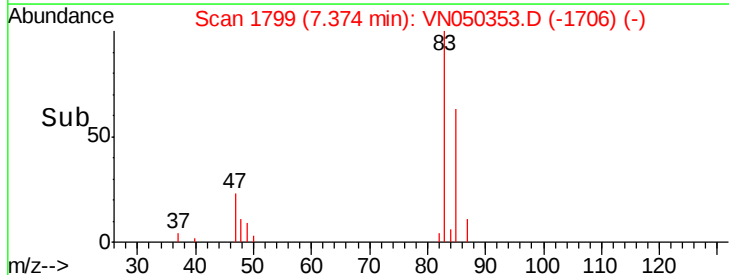


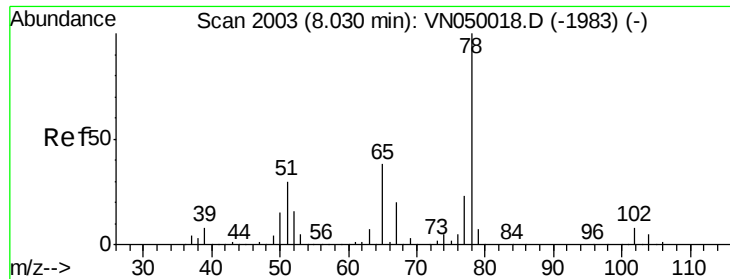
#30
Chloroform
Concen: 1.06 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050353.D
Acq: 4 Aug 2018 8:47

Tgt Ion: 83 Resp: 16114
Ion Ratio Lower Upper
83 100
85 62.9 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

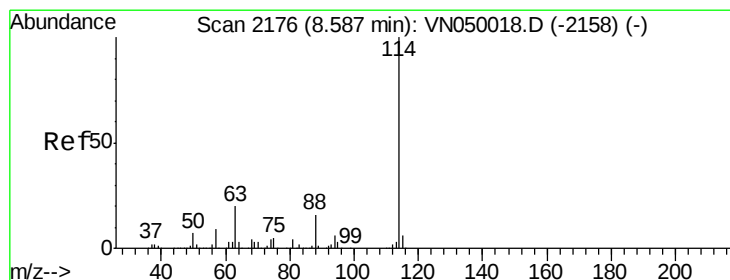
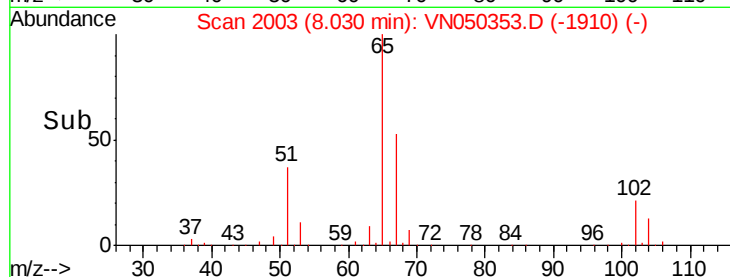
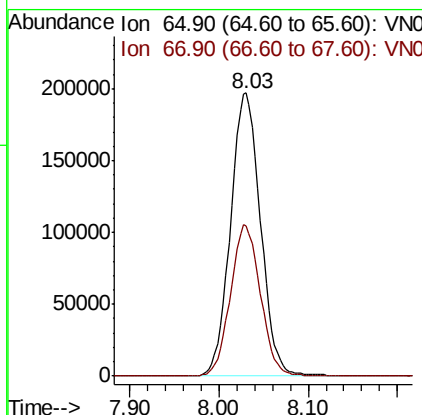
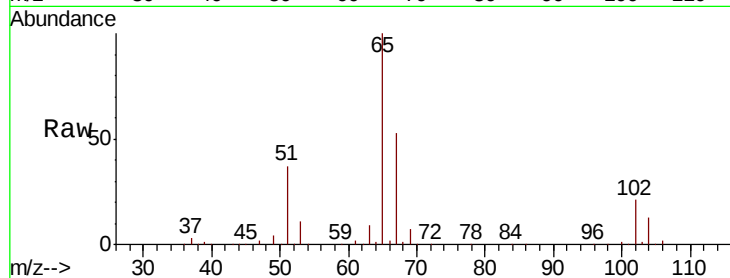




#33
 1,2-Dichloroethane-d4
 Concen: 51.39 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050353.D
 Acq: 4 Aug 2018 8:47

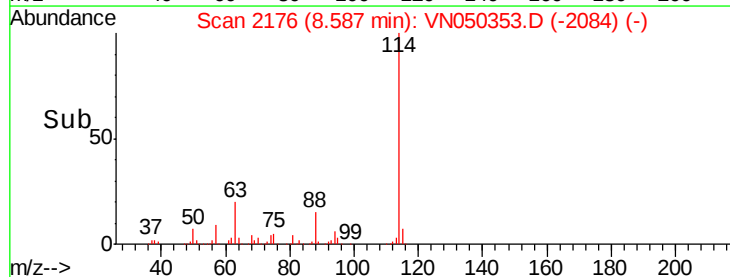
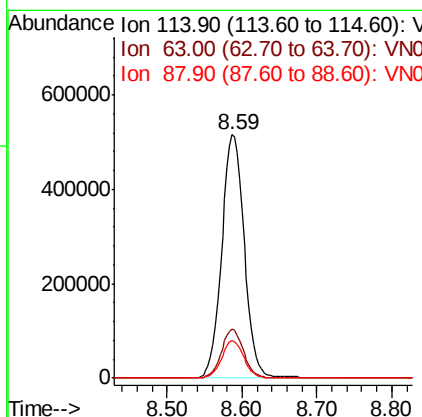
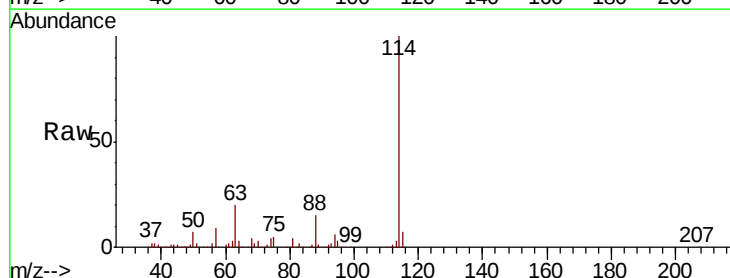
Instrument :
 MSVOA_N
 ClientSampleId :
 T40-CLAY-1

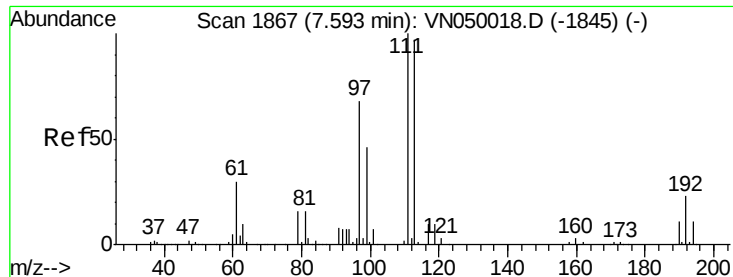
Tot Ion: 65 Resp: 458858
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050353.D
 Acq: 4 Aug 2018 8:47

Tgt Ion: 114 Resp: 1074913
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.3 0.0 31.2

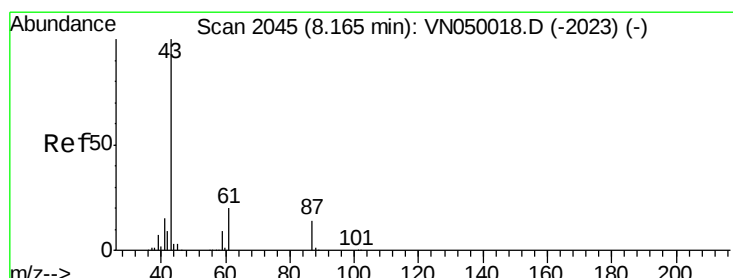
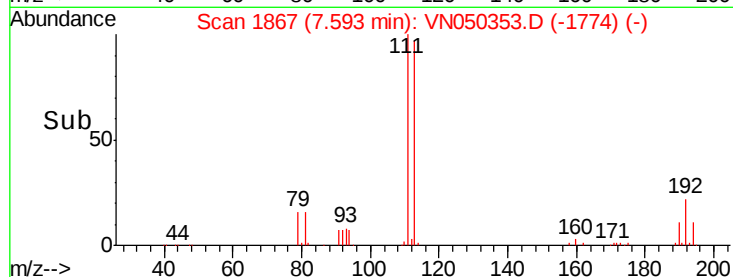
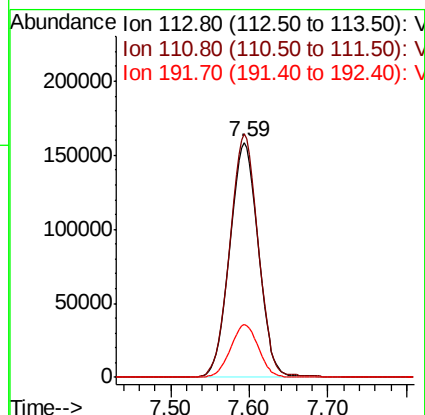
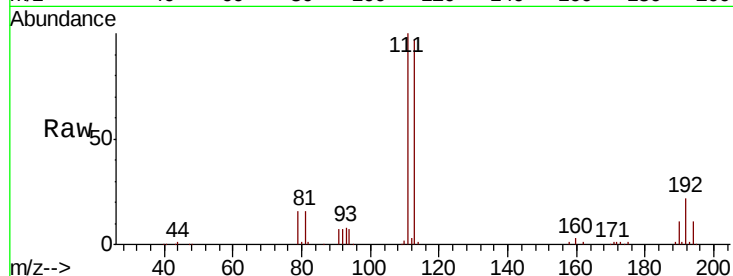




#35
 Dibromofluoromethane
 Concen: 45.60 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050353.D
 Acq: 4 Aug 2018 8:47

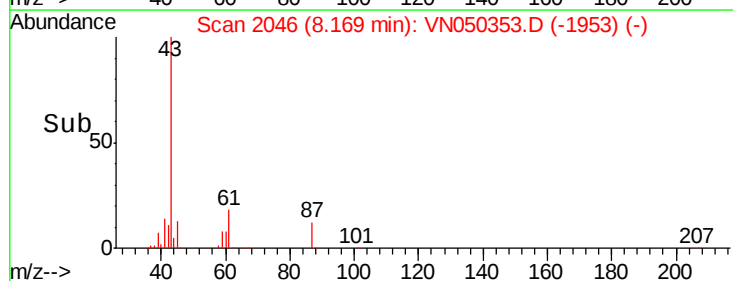
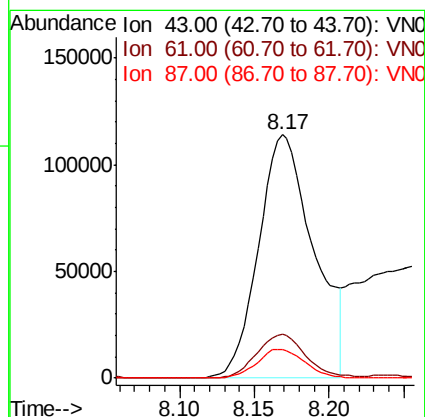
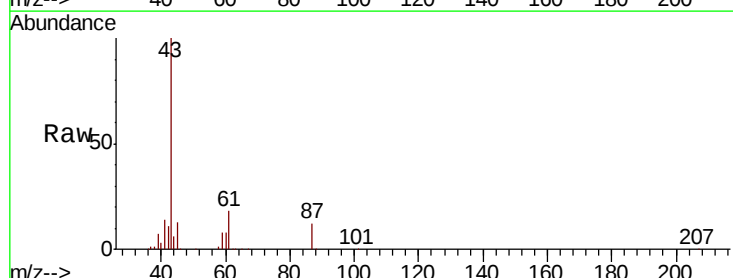
Instrument :
 MSVOA_N
 ClientSampleId :
 T40-CLAY-1

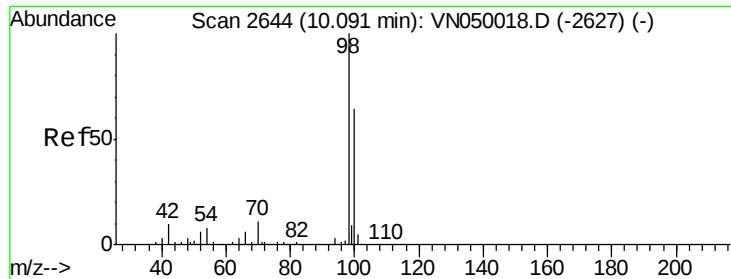
Tot Ion:113 Resp: 400170
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 22.0 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 17.51 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050353.D
 Acq: 4 Aug 2018 8:47

Tgt Ion: 43 Resp: 290362
 Ion Ratio Lower Upper
 43 100
 61 16.2 15.8 23.6
 87 10.4 10.3 15.5

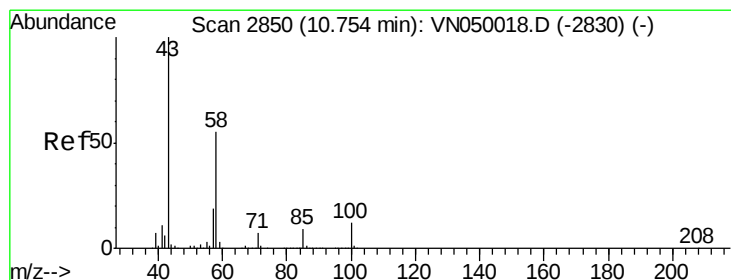
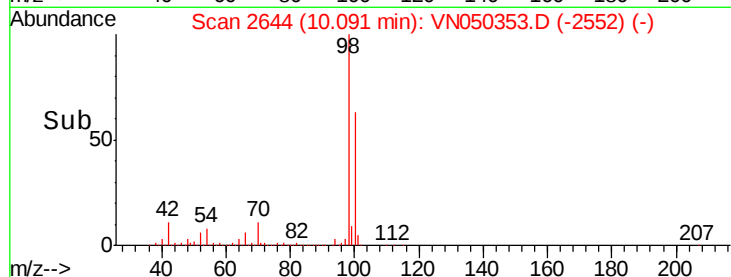
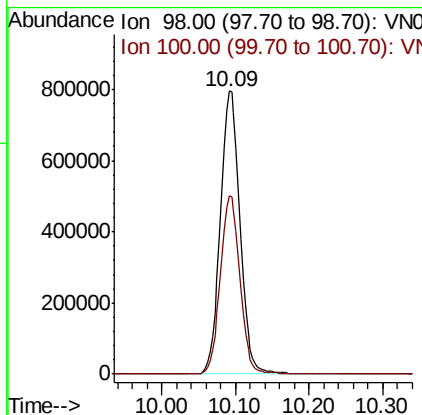
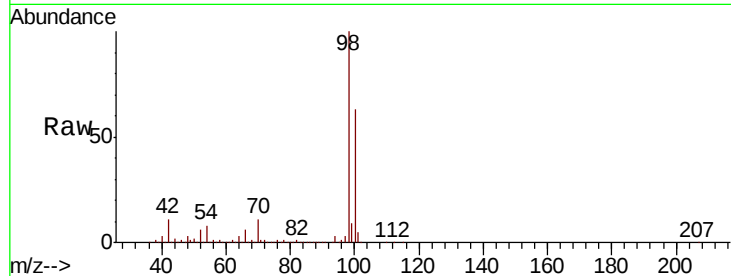




#50
Toluene-d8
Concen: 45.63 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050353.D
Acq: 4 Aug 2018 8:47

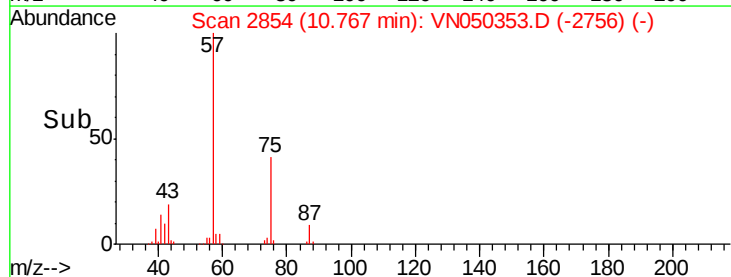
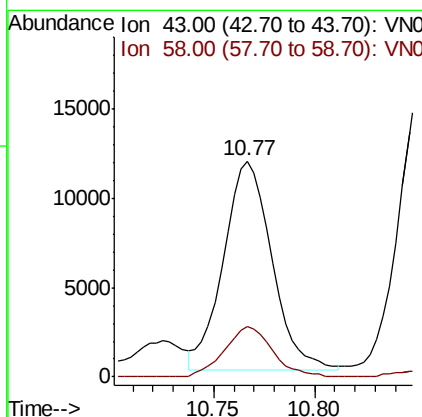
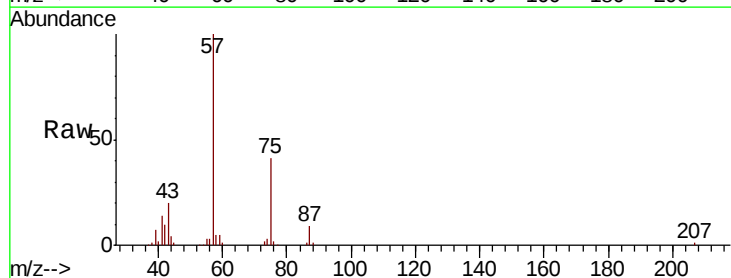
Instrument :
MSVOA_N
ClientSampled :
T40-CLAY-1

Tot Ion: 98 Resp: 1472319
Ion Ratio Lower Upper
98 100
100 62.9 50.7 76.1



#59
2-Hexanone
Concen: 8.31 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050353.D
Acq: 4 Aug 2018 8:47

Tgt Ion: 43 Resp: 19502
Ion Ratio Lower Upper
43 100
58 24.1 27.6 82.7#

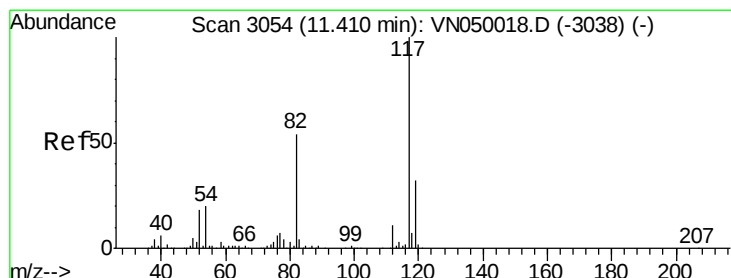
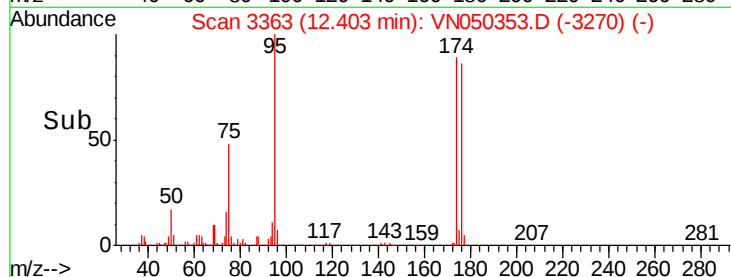
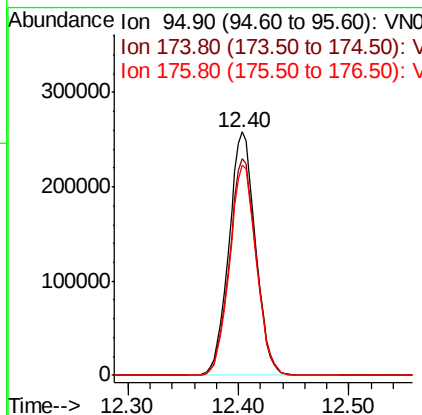
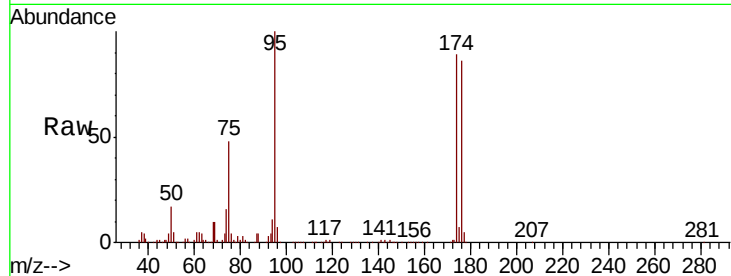




#62
4-Bromofluorobenzene
Concen: 40.50 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050353.D
Acq: 4 Aug 2018 8:47

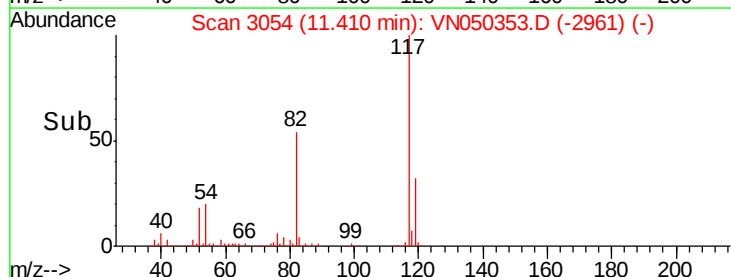
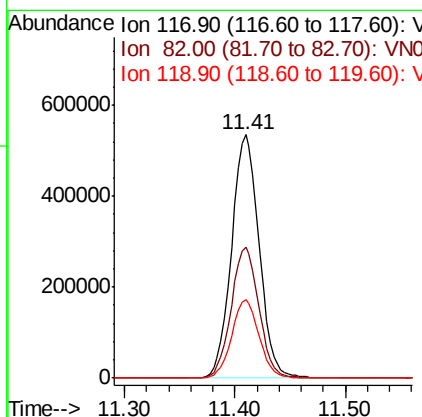
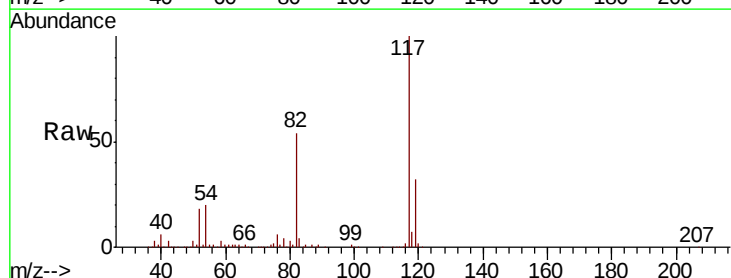
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T40-CLAY-1

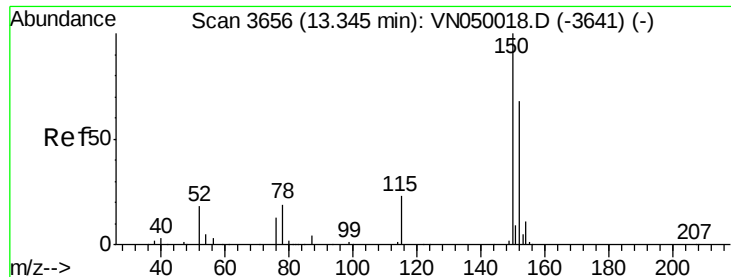
Tot Ion: 95 Resp: 430314
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 86.8 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050353.D
Acq: 4 Aug 2018 8:47

Tgt Ion: 117 Resp: 927638
Ion Ratio Lower Upper
117 100
82 53.8 43.7 65.5
119 32.2 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050353.D

Acq: 4 Aug 2018 8:47

Instrument :

MSVOA_N

ClientSampleId :

T40-CLAY-1

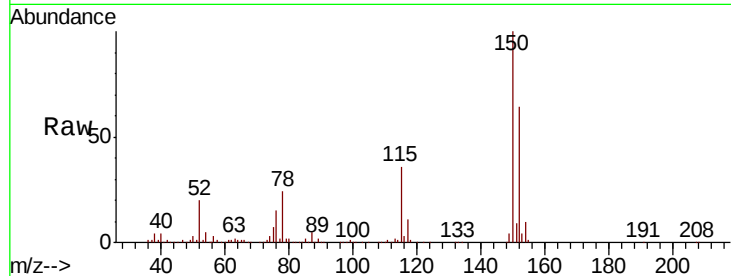
Tot Ion:152 Resp: 380881

Ion Ratio Lower Upper

152 100

115 57.1 27.8 83.3

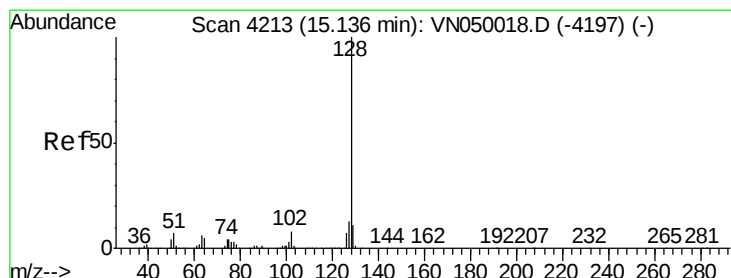
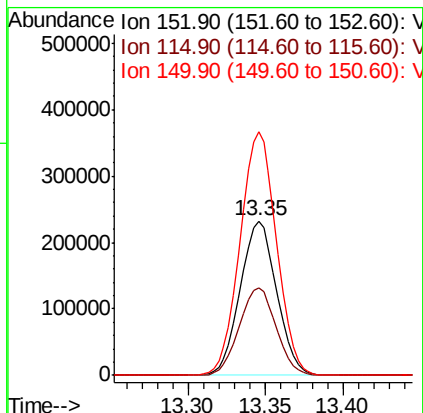
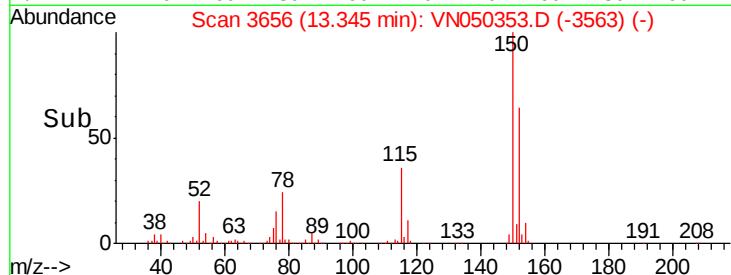
150 157.6 0.0 348.6



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: 5.34 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050353.D

Acq: 4 Aug 2018 8:47

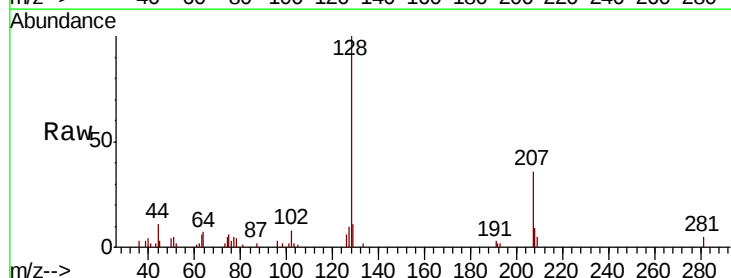
Tgt Ion:128 Resp: 17674

Ion Ratio Lower Upper

128 100

127 12.4 10.4 15.6

129 11.2 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

