

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058428.D
 Acq On : 30 Sep 2019 12:37
 Operator : JC/SP
 Sample : K5080-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FT-PZ461I-20190924

Quant Time: Oct 01 08:04:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

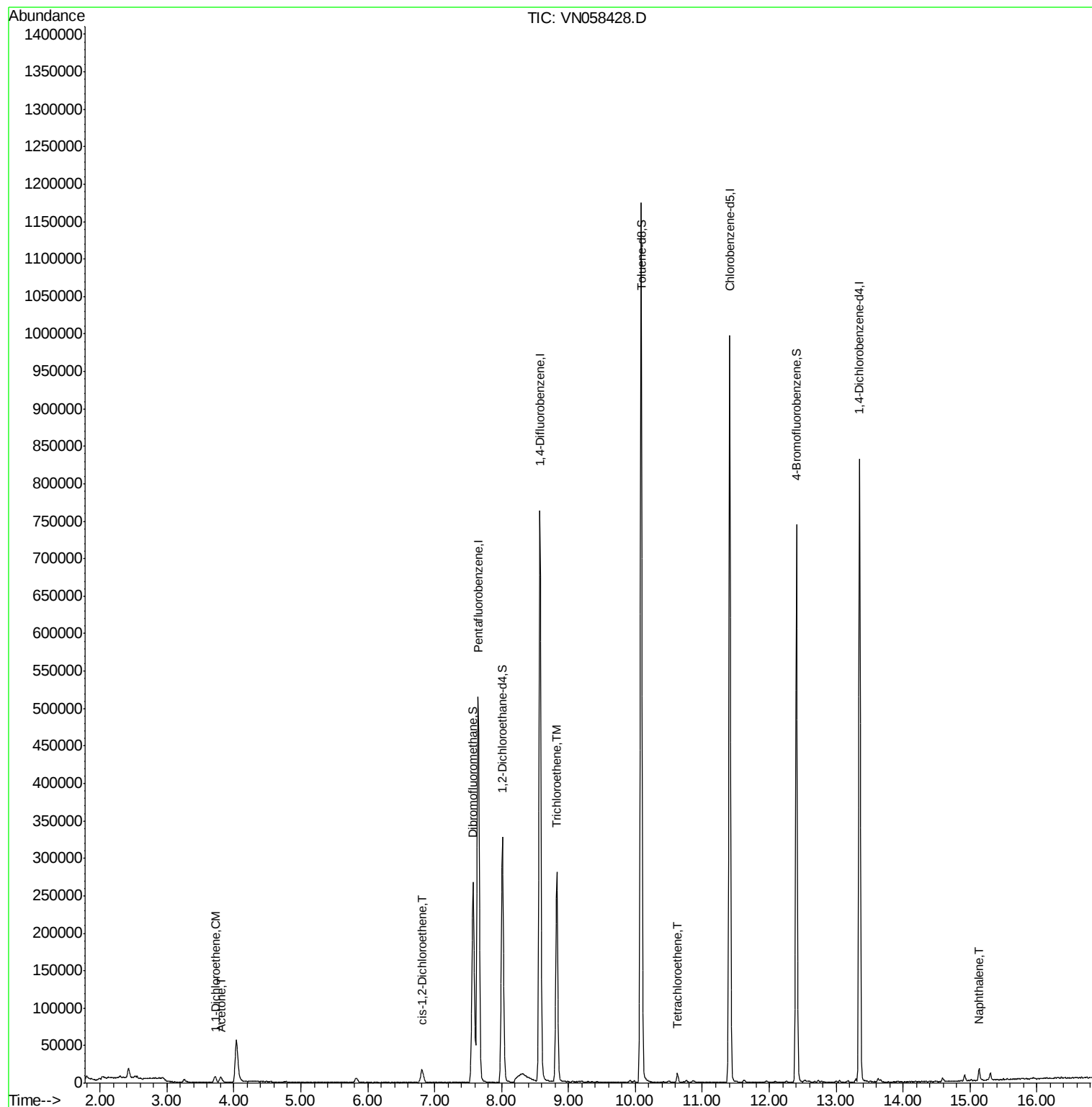
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	402064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	646887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	211588	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	285747	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	7.57	113	201505	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	10.08	98	801543	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.41	95	248927	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
Target Compounds						
12) 1,1-Dichloroethene	3.72	96	4280	1.128	ug/l #	89
16) Acetone	3.80	43	12159	6.071	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	11027	2.237	ug/l	86
44) Trichloroethene	8.82	130	99890	22.753	ug/l	97
64) Tetrachloroethene	10.63	164	2815	0.813	ug/l #	84
95) Naphthalene	15.14	128	12664	1.197	ug/l	98

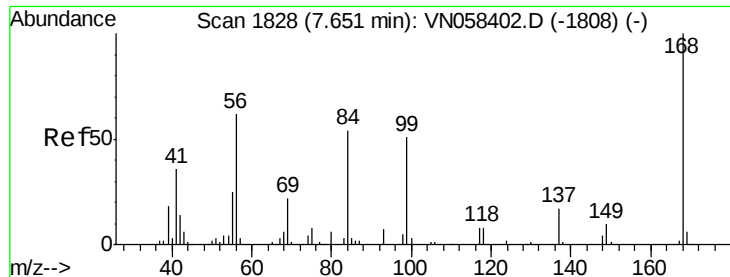
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058428.D

Acq: 30 Sep 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

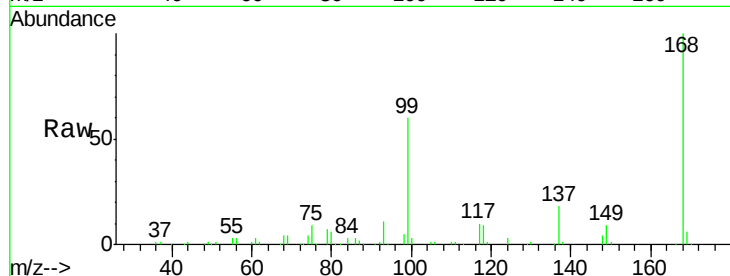
FT-PZ461I-20190924

Tot Ion:168 Resp: 402064

Ion Ratio Lower Upper

168 100

99 59.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

200000

150000

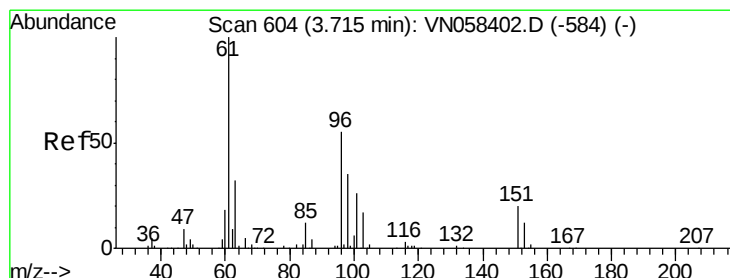
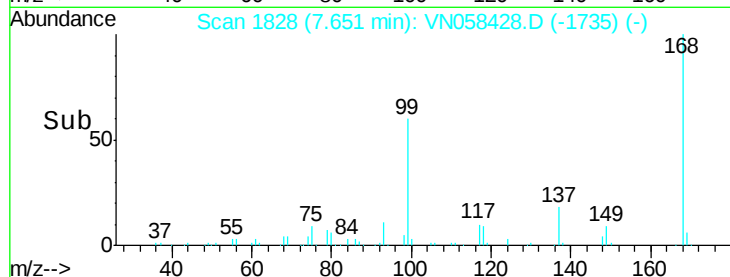
100000

50000

0

7.60 7.70 7.80

Time-->



#12

1,1-Dichloroethene

Concen: 1.128 ug/l

RT: 3.72 min Scan# 607

Delta R.T. 0.01 min

Lab File: VN058428.D

Acq: 30 Sep 2019 12:37

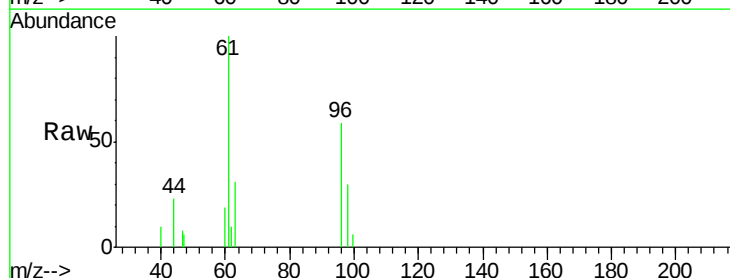
Tgt Ion: 96 Resp: 4280

Ion Ratio Lower Upper

96 100

61 170.8 146.7 220.1

98 51.2 51.3 76.9#



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

4000

3000

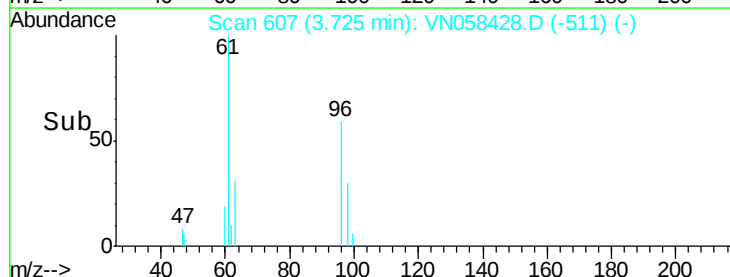
2000

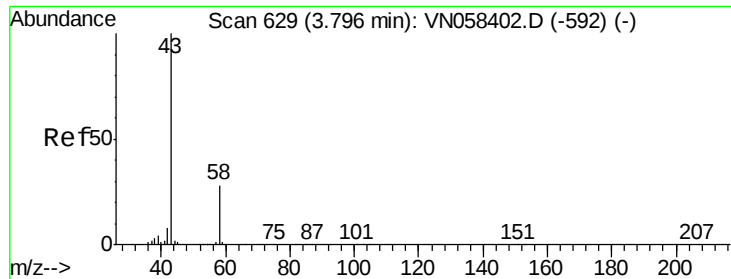
1000

0

3.65 3.70 3.75 3.80

Time-->

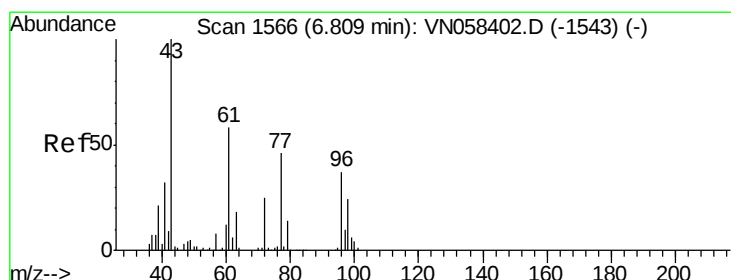
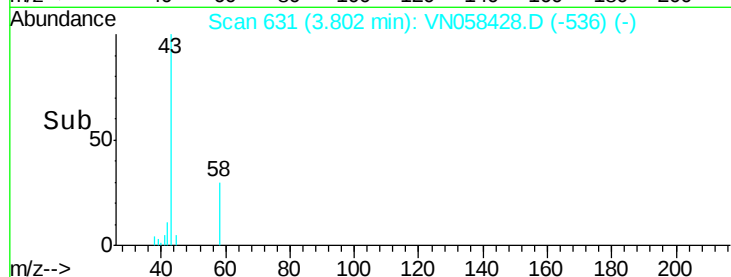
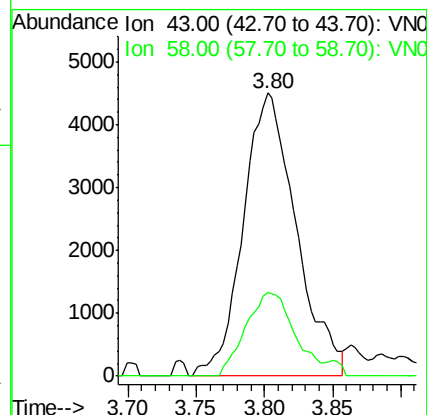
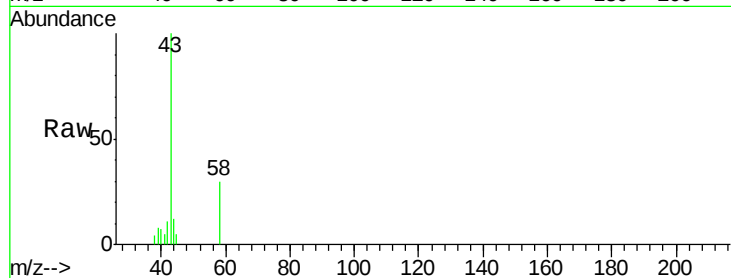




#16
Acetone
Concen: 6.071 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

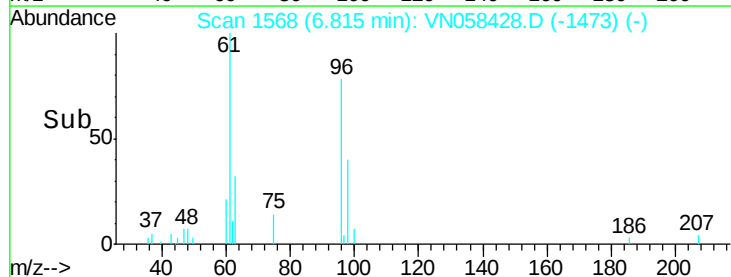
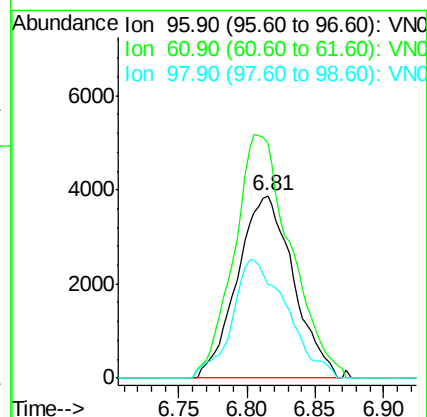
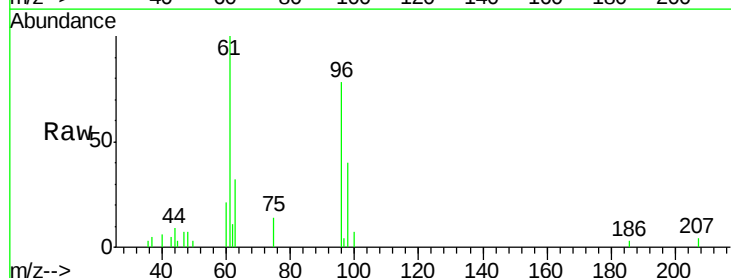
Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

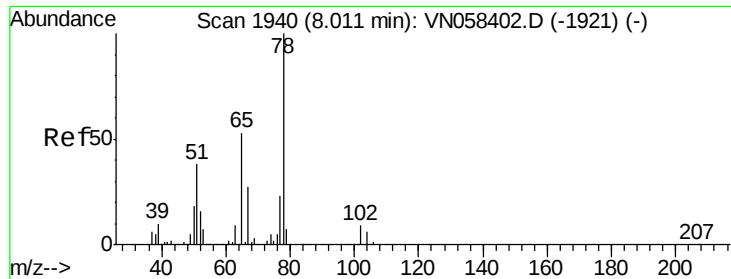
Tot Ion: 43 Resp: 12159
Ion Ratio Lower Upper
43 100
58 29.5 22.4 33.6



#27
cis-1,2-Dichloroethene
Concen: 2.237 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 96 Resp: 11027
Ion Ratio Lower Upper
96 100
61 134.9 0.0 318.8
98 63.9 0.0 129.8

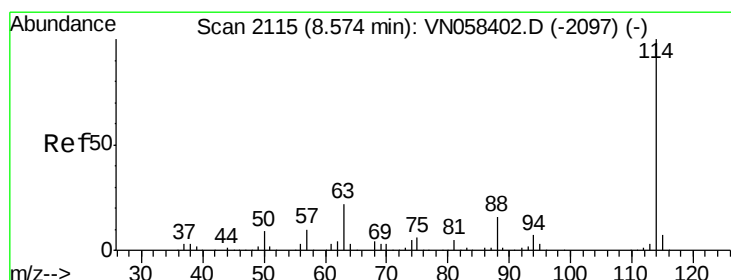
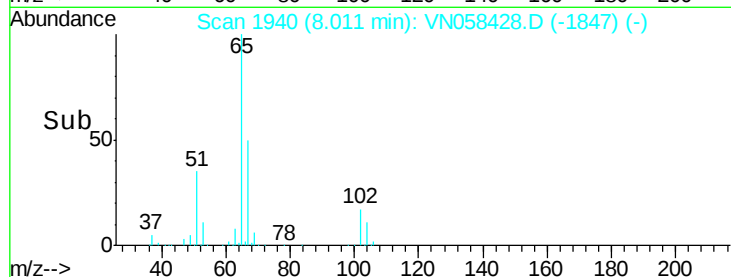
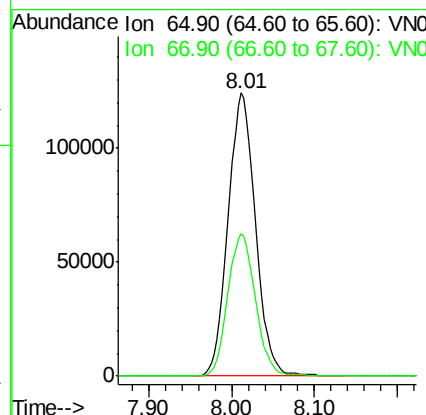
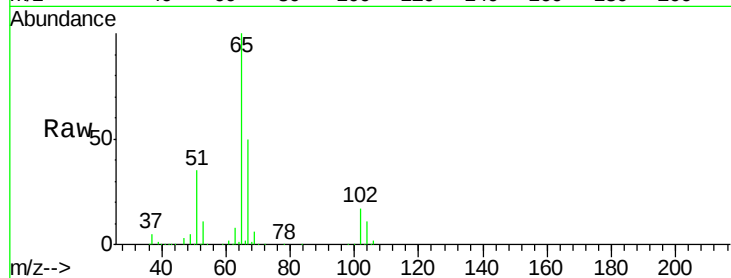




#33
 1,2-Dichloroethane-d4
 Concen: 48.634 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058428.D
 Acq: 30 Sep 2019 12:37

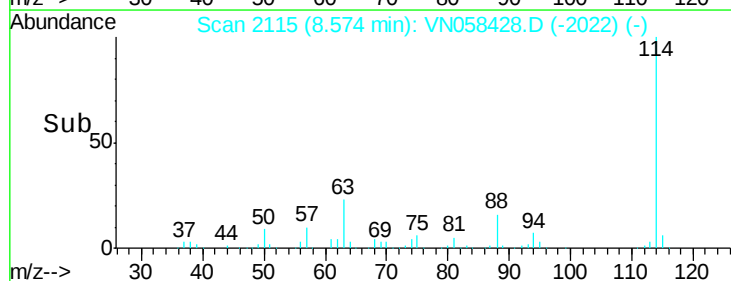
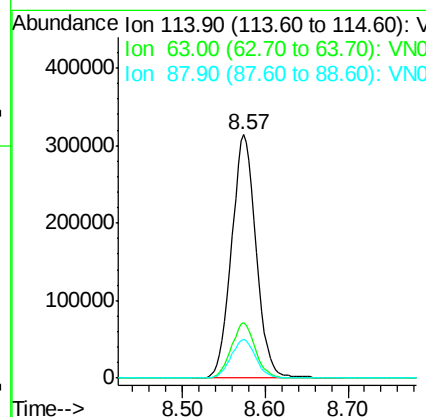
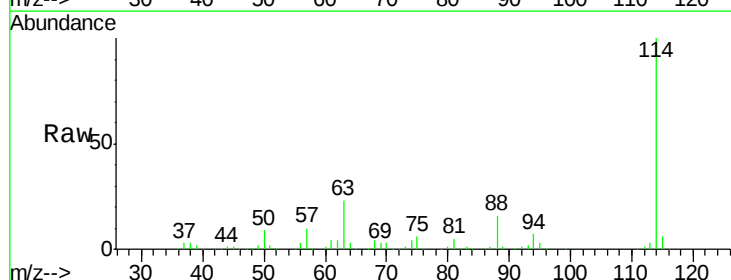
Instrument :
 MSVOA_N
 ClientSampleId :
 FT-PZ461I-20190924

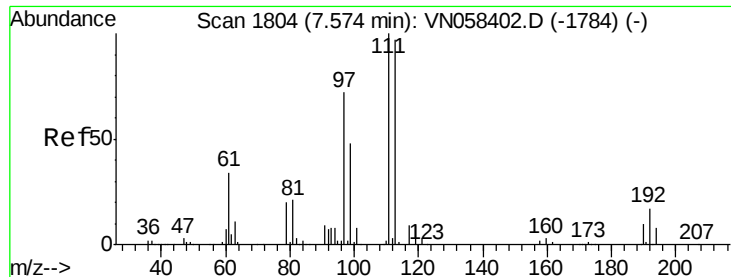
Tot Ion: 65 Resp: 285747
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058428.D
 Acq: 30 Sep 2019 12:37

Tgt Ion: 114 Resp: 646887
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 15.8 0.0 32.2

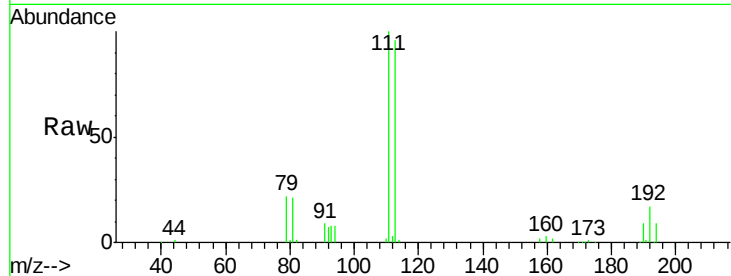




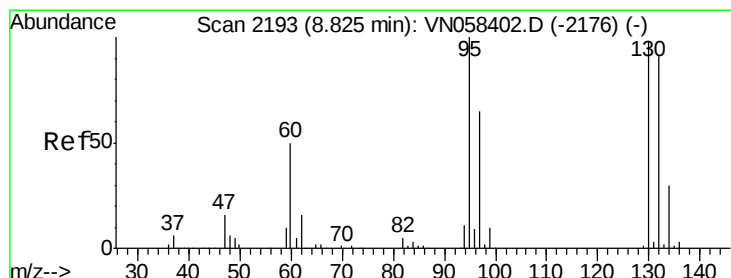
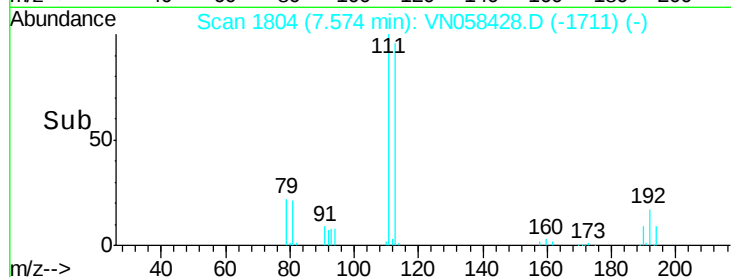
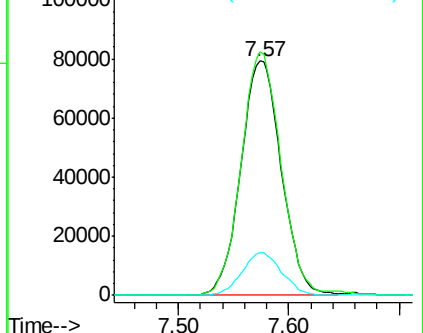
#35
 Dibromofluoromethane
 Concen: 50.825 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058428.D
 Acq: 30 Sep 2019 12:37

Instrument :
 MSVOA_N
 ClientSampleId :
 FT-PZ461I-20190924

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.2
192	18.0	14.9	22.3

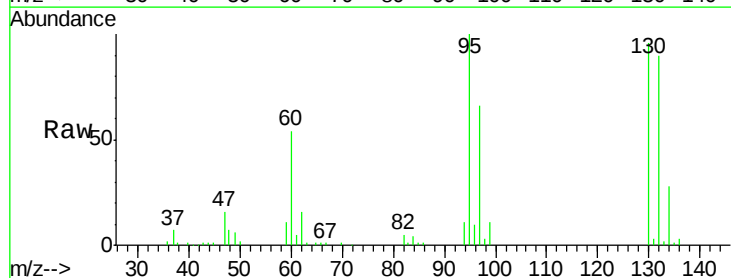


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

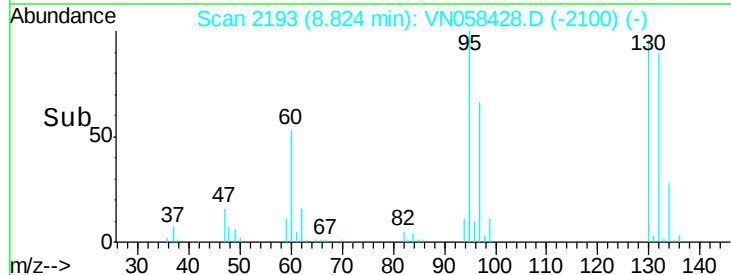
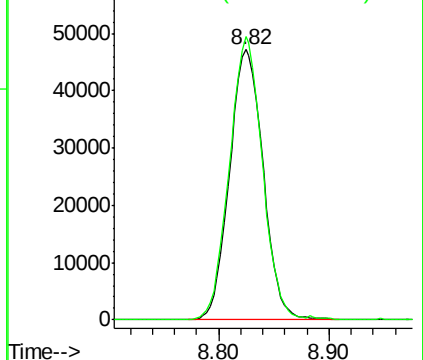


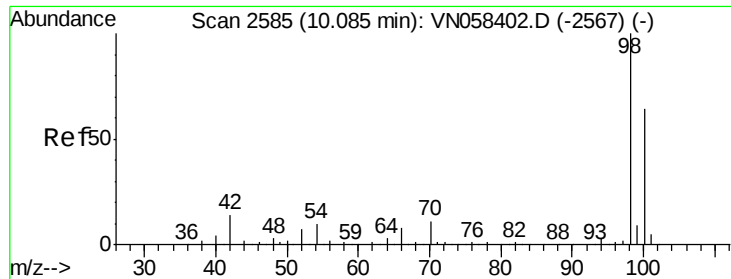
#44
 Trichloroethene
 Concen: 22.753 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VN058428.D
 Acq: 30 Sep 2019 12:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	204.2



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





#50

Toluene-d8

Concen: 51.608 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058428.D

Acq: 30 Sep 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

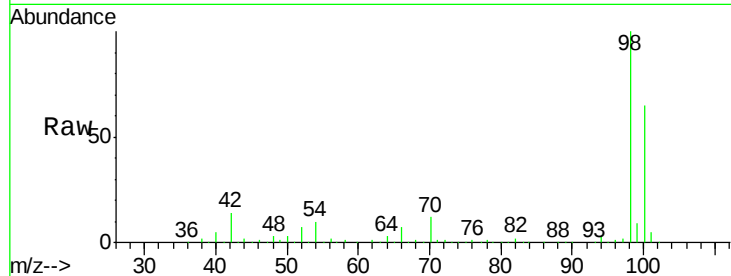
FT-PZ461I-20190924

Tot Ion: 98 Resp: 801543

Ion Ratio Lower Upper

98 100

100 63.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)

10.08

400000

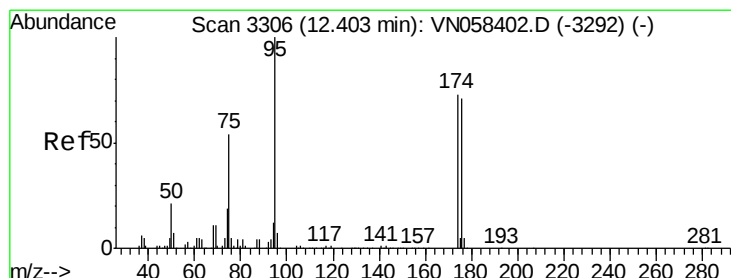
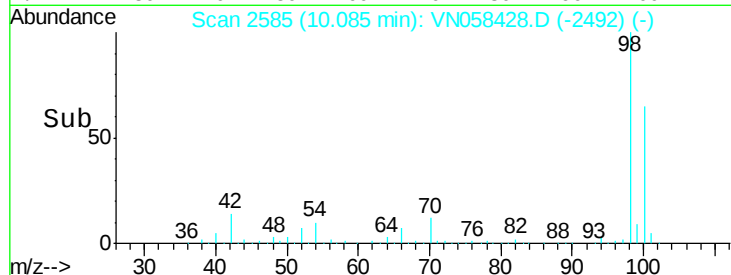
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.326 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058428.D

Acq: 30 Sep 2019 12:37

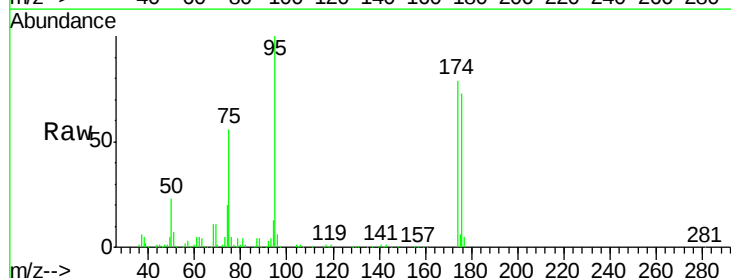
Tgt Ion: 95 Resp: 248927

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.6

176 73.0 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

12.41

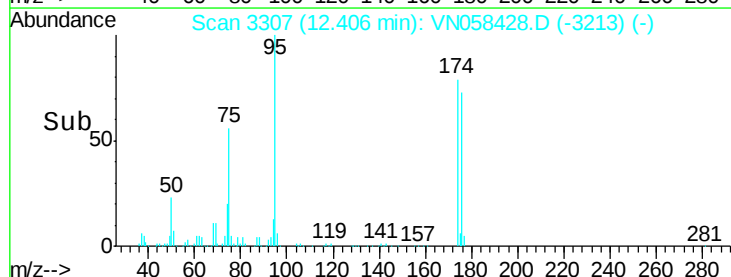
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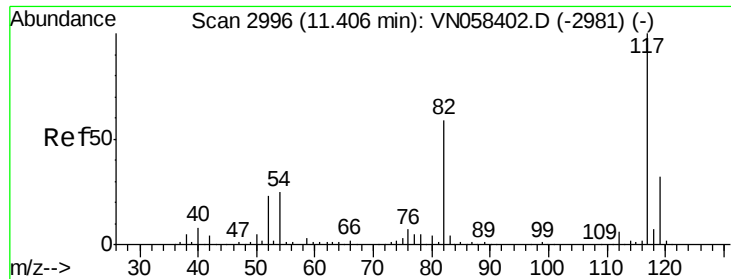
100000

50000

0

Time-->

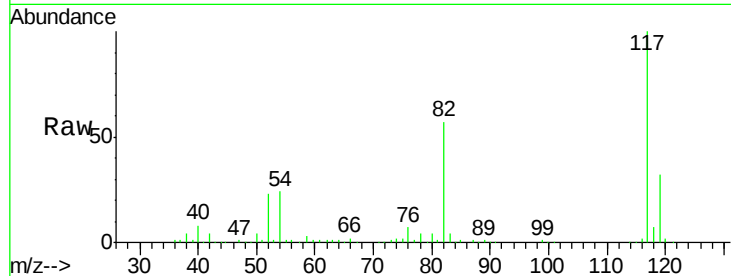




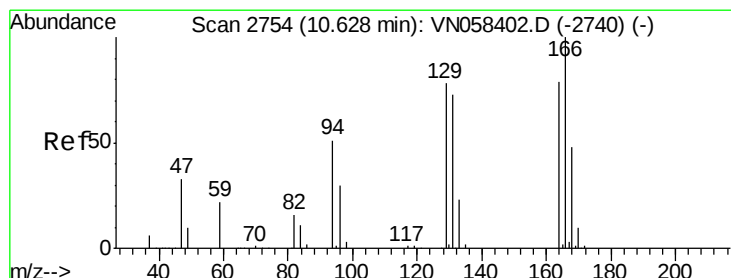
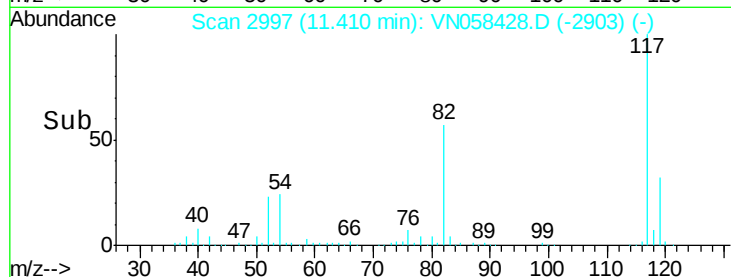
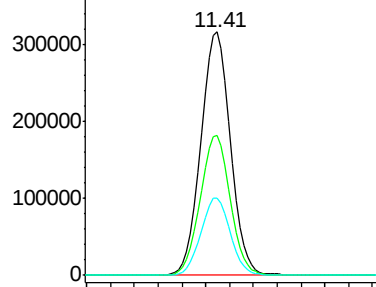
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tot Ion:117 Resp: 545322
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.0
119 31.9 25.5 38.3

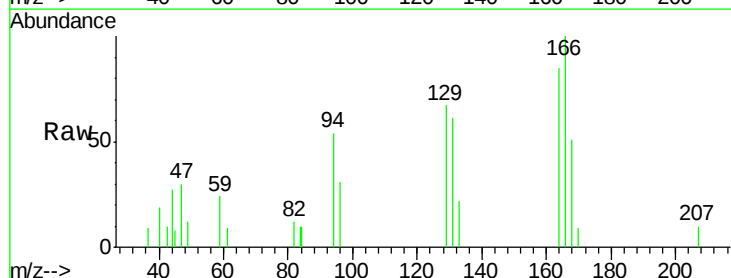


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

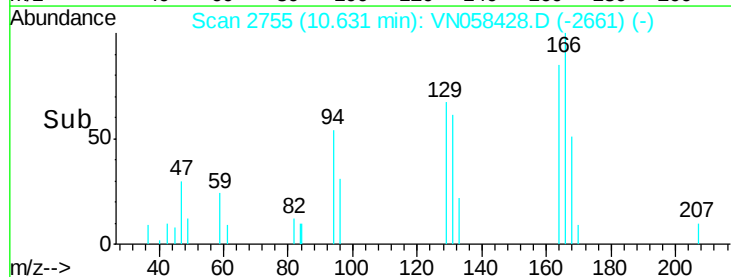
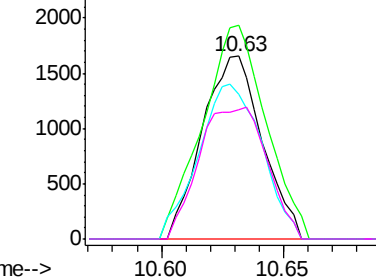


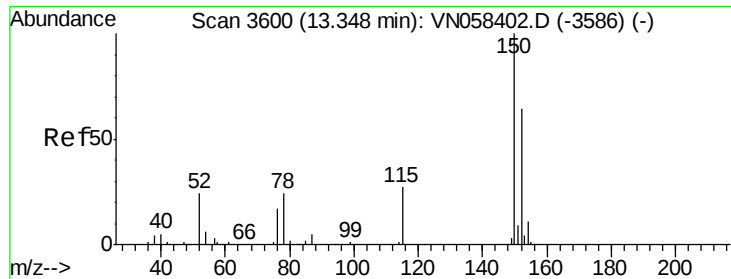
#64
Tetrachloroethene
Concen: 0.813 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion:164 Resp: 2815
Ion Ratio Lower Upper
164 100
166 117.0 101.1 151.7
129 78.9 79.2 118.8#
131 71.1 74.1 111.1#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058428.D

Acq: 30 Sep 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

FT-PZ461I-20190924

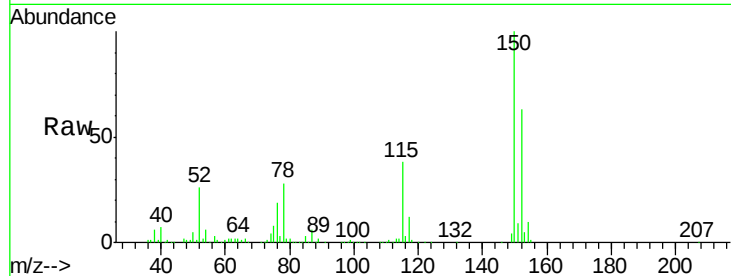
Tot Ion:152 Resp: 211588

Ion Ratio Lower Upper

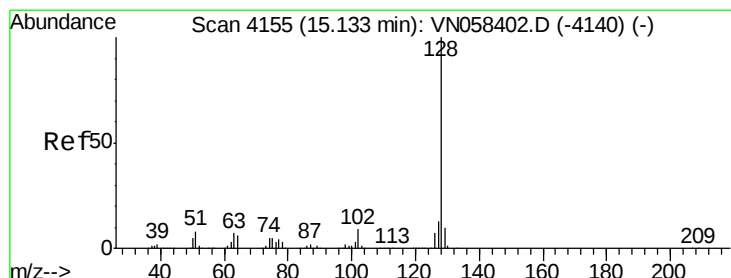
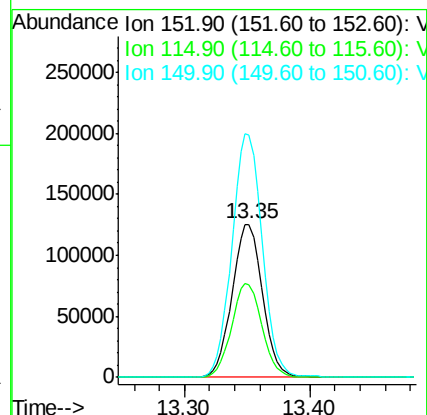
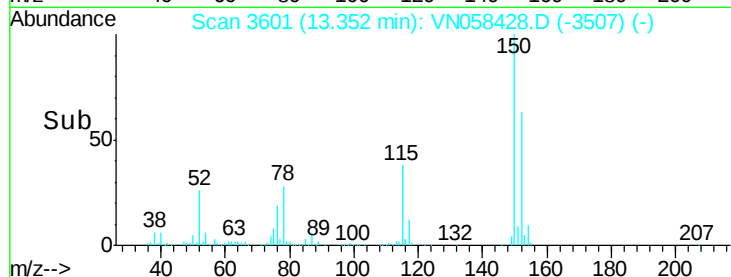
152 100

115 60.9 30.0 90.0

150 158.8 0.0 348.2



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: 1.197 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058428.D

Acq: 30 Sep 2019 12:37

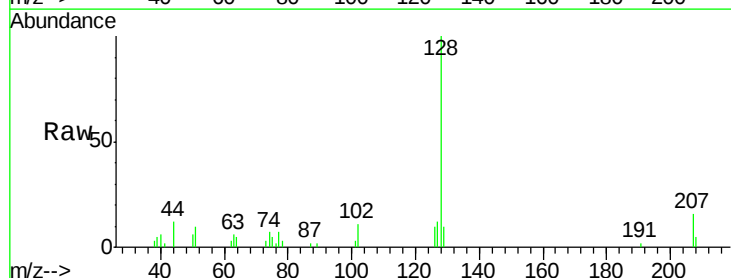
Tgt Ion:128 Resp: 12664

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 11.0 8.3 12.5



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

