

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050200.D
 Acq On : 30 Jul 2018 20:31
 Operator : MD\SY
 Sample : J4217-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-2

Quant Time: Jul 31 02:35:43 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	644096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1073339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	901747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	331999	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	456069	50.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.50%	
35) Dibromofluoromethane	7.59	113	409647	46.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.48%	
50) Toluene-d8	10.09	98	1447121	44.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.84%	
62) 4-Bromofluorobenzene	12.41	95	400854	37.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	75.58%	

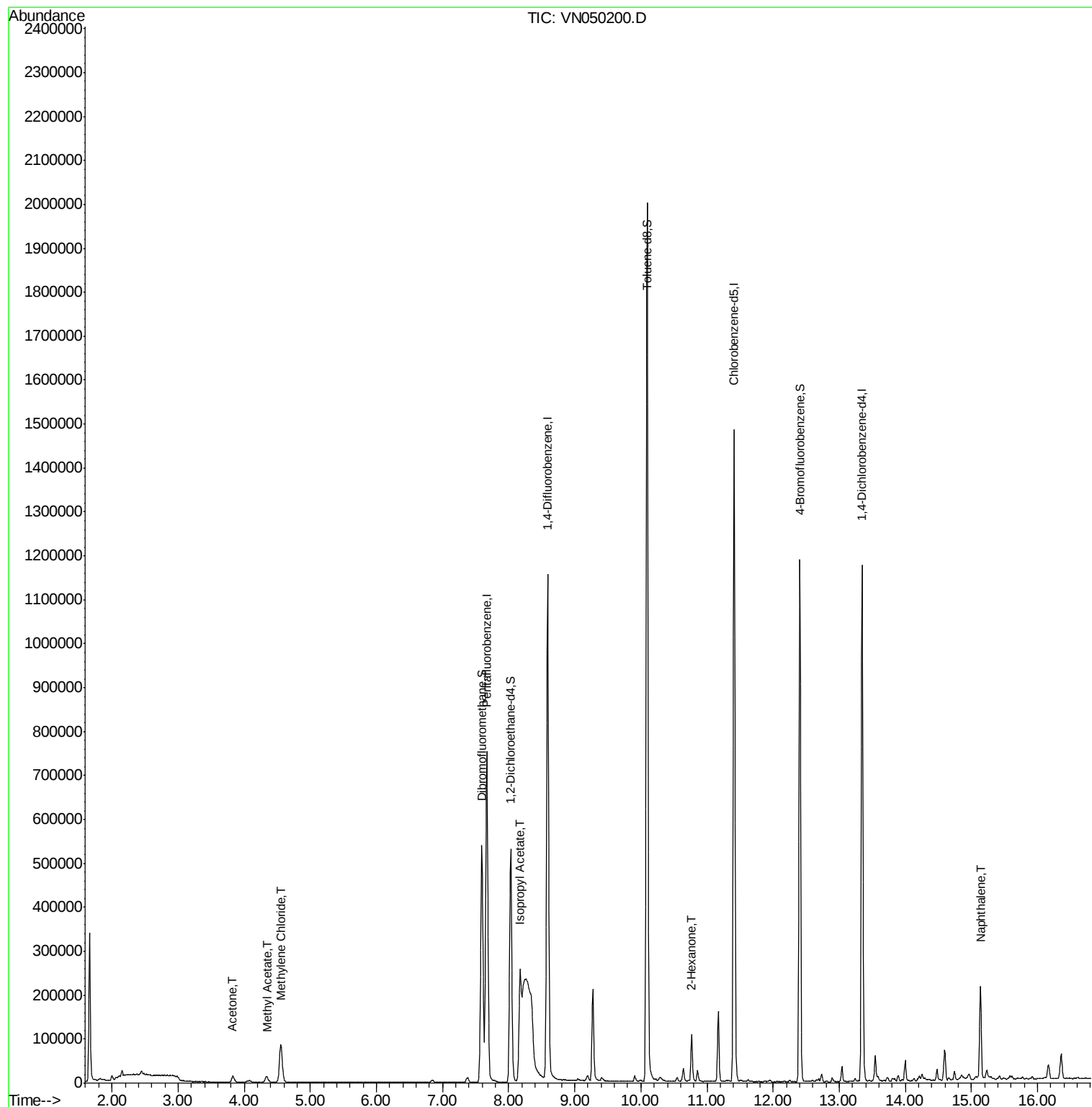
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	22807	6.55	ug/l	98
18) Methyl Acetate	4.34	43	26652	1.66	ug/l #	74
20) Methylene Chloride	4.55	84	67111	7.35	ug/l	98
43) Isopropyl Acetate	8.17	43	314191	19.07	ug/l #	90
59) 2-Hexanone	10.77	43	15285	7.63	ug/l #	57
95) Naphthalene	15.14	128	187105	15.67	ug/l	99

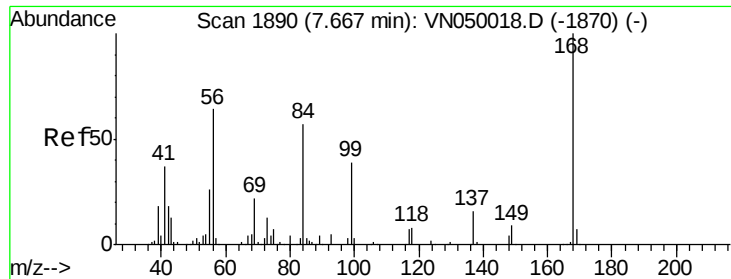
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073018\
Data File : VN050200.D
Acq On : 30 Jul 2018 20:31
Operator : MD\SY
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MSVOA_N
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SOIL-2

Quant Time: Jul 31 02:35:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
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# 1891

Delta R.T. 0.00 min

Lab File: VN050200.D

Acq: 30 Jul 2018 20:31

Instrument :

MSVOA_N

ClientSampled :

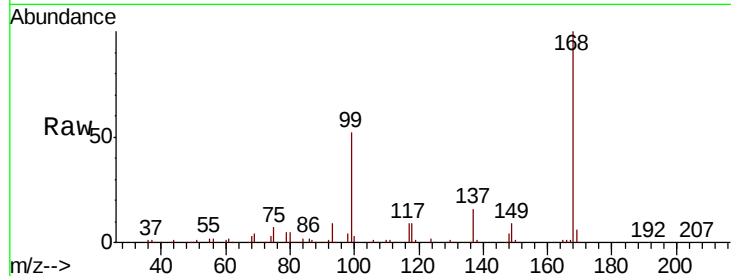
SOIL-2

Tot Ion:168 Resp: 644096

Ion Ratio Lower Upper

168 100

99 51.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

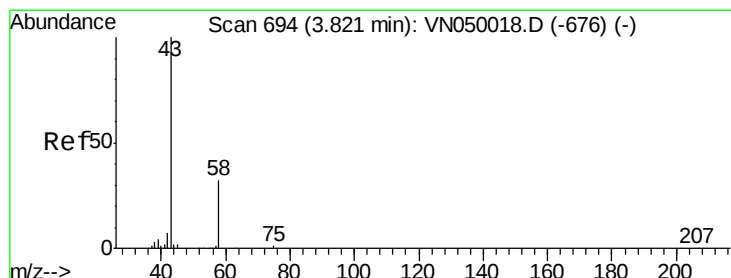
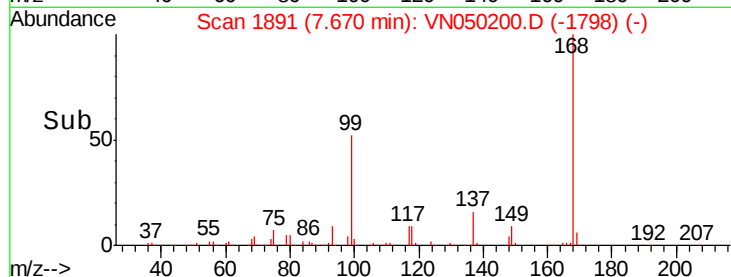
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.55 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050200.D

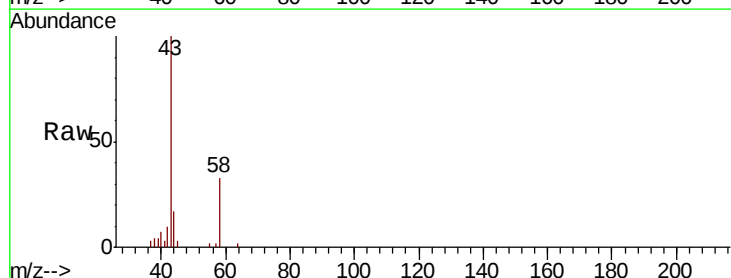
Acq: 30 Jul 2018 20:31

Tgt Ion: 43 Resp: 22807

Ion Ratio Lower Upper

43 100

58 33.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

10000

8000

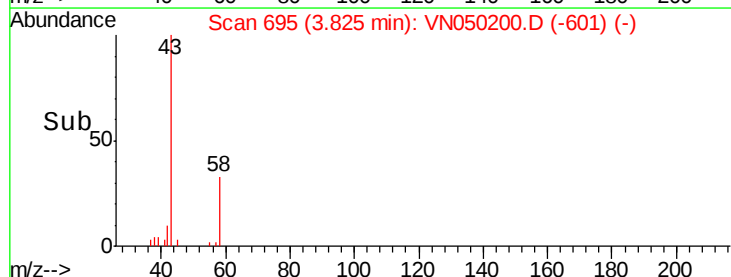
6000

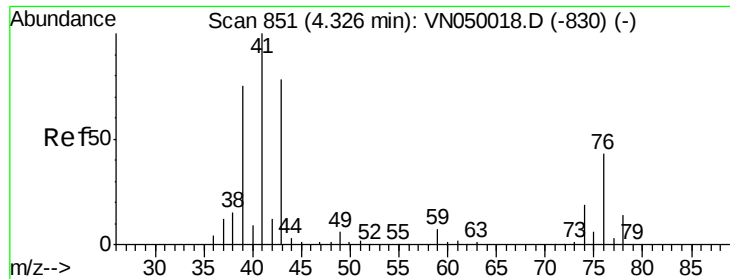
4000

2000

0

Time-->

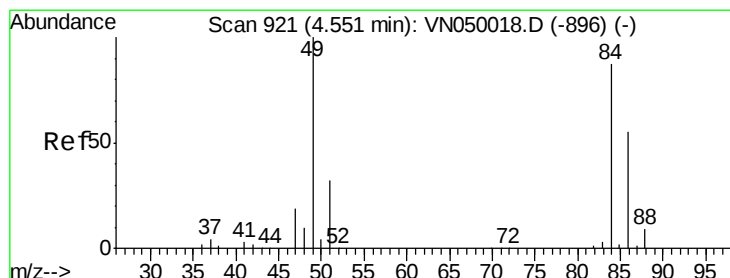
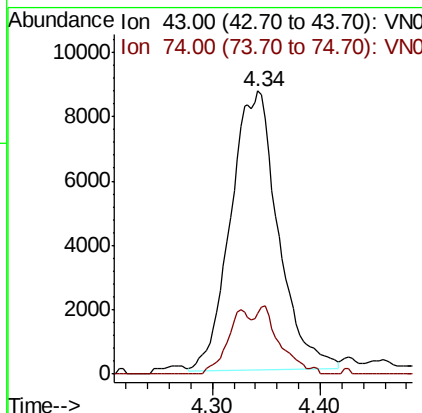
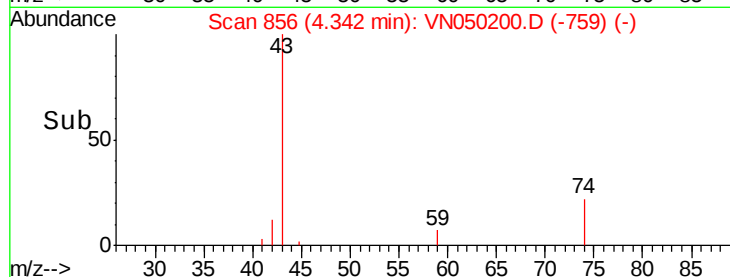
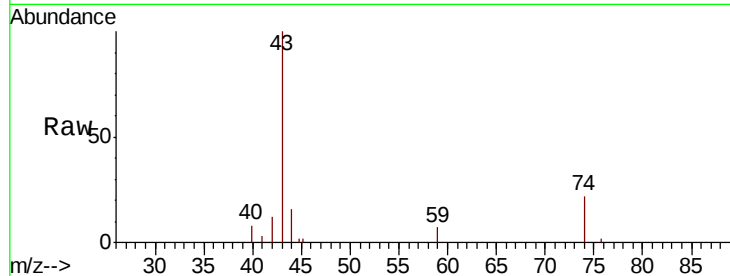




#18
Methyl Acetate
Concen: 1.66 ug/l
RT: 4.34 min Scan# 856
Delta R.T. 0.01 min
Lab File: VN050200.D
Acq: 30 Jul 2018 20:31

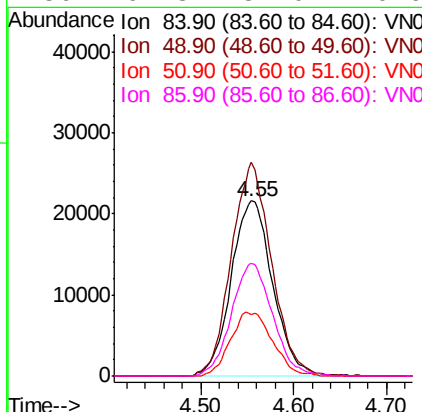
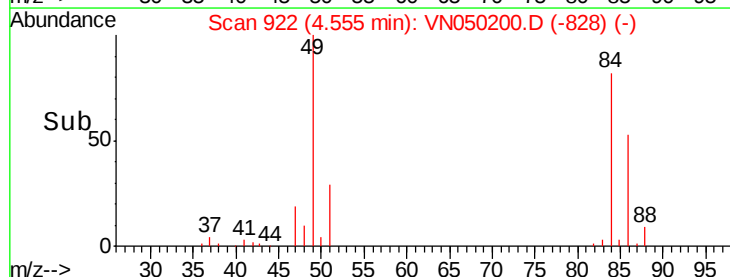
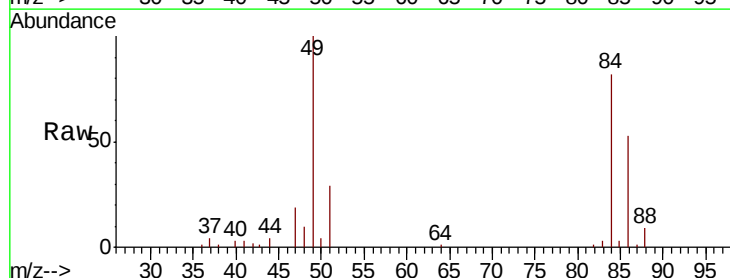
Instrument :
MSVOA_N
ClientSampled :
SOIL-2

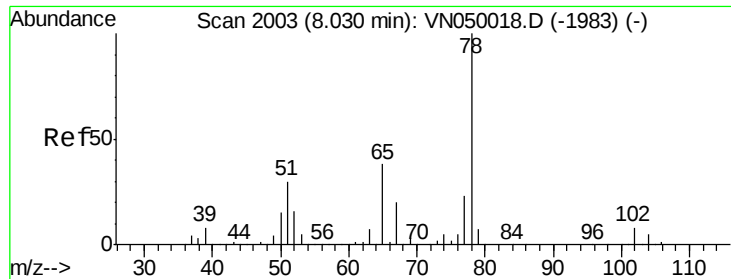
Tot Ion: 43 Resp: 26652
Ion Ratio Lower Upper
43 100
74 11.3 19.2 28.8#



#20
Methylene Chloride
Concen: 7.35 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050200.D
Acq: 30 Jul 2018 20:31

Tgt Ion: 84 Resp: 67111
Ion Ratio Lower Upper
84 100
49 122.2 94.8 142.2
51 35.2 28.3 42.5
86 64.3 51.0 76.6

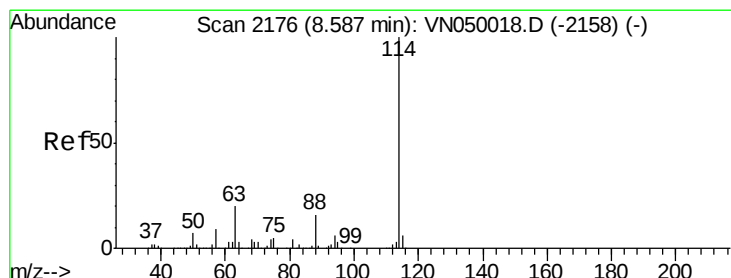
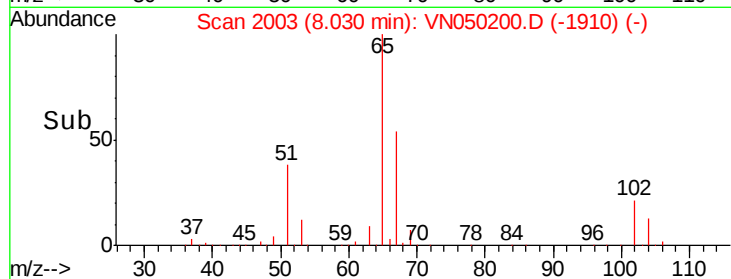
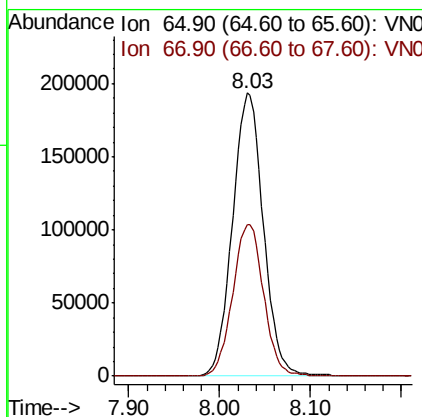
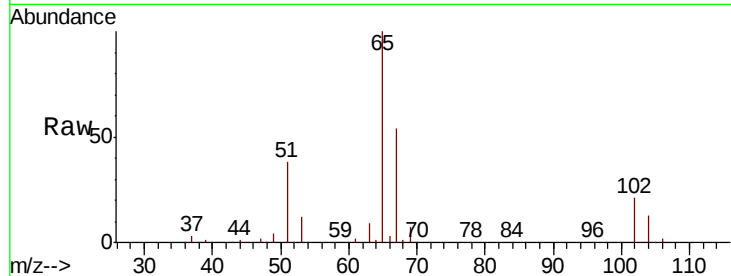




#33
 1,2-Dichloroethane-d4
 Concen: 50.75 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050200.D
 Acq: 30 Jul 2018 20:31

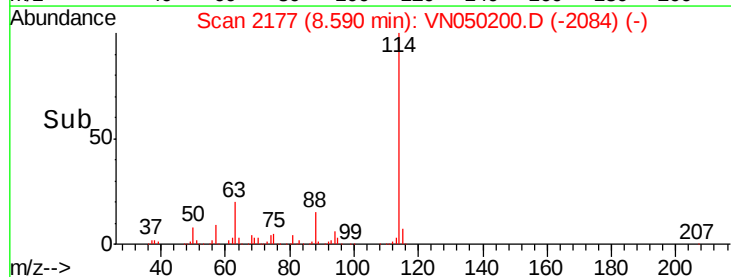
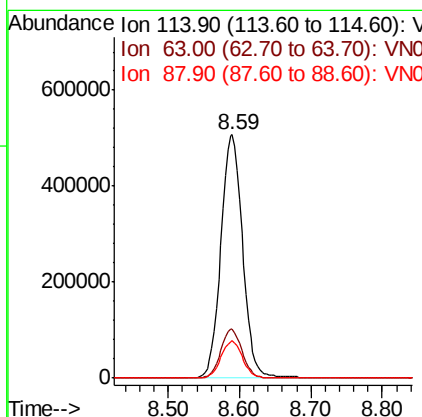
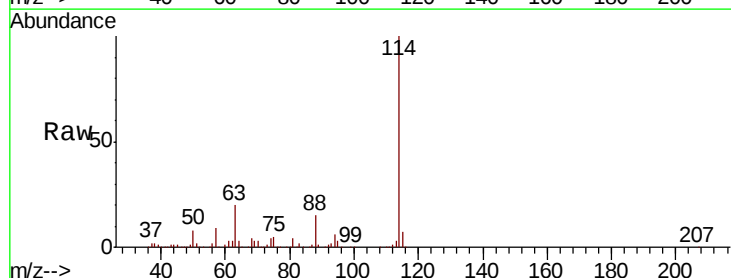
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-2

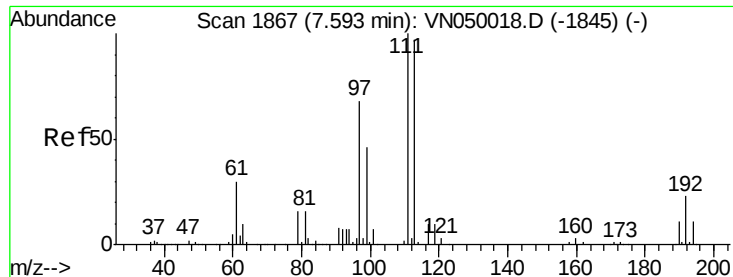
Tot Ion: 65 Resp: 456069
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050200.D
 Acq: 30 Jul 2018 20:31

Tgt Ion: 114 Resp: 1073339
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.2 0.0 31.2

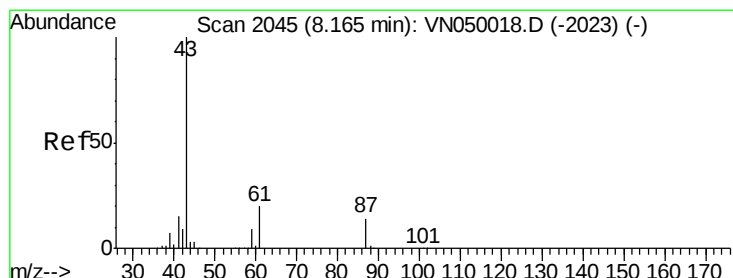
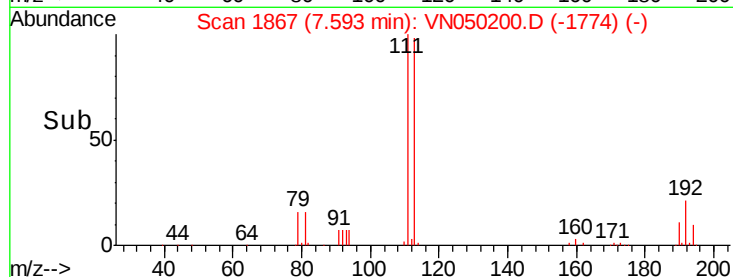
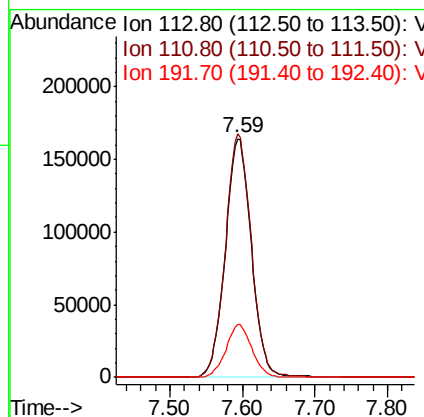
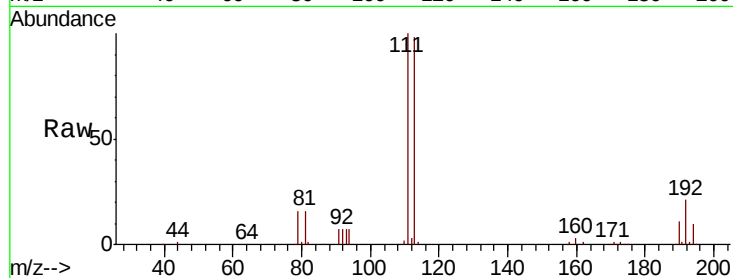




#35
 Dibromofluoromethane
 Concen: 46.74 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050200.D
 Acq: 30 Jul 2018 20:31

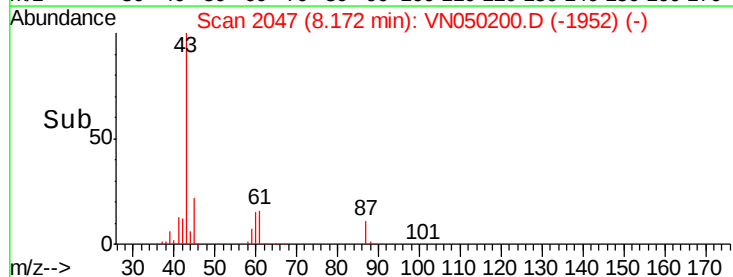
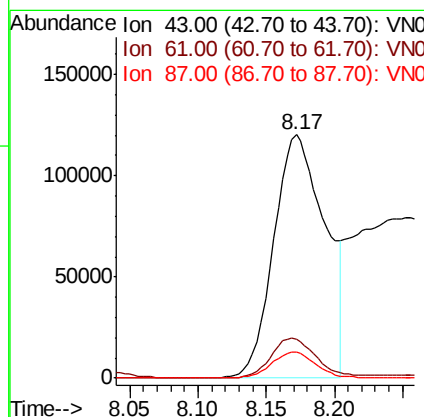
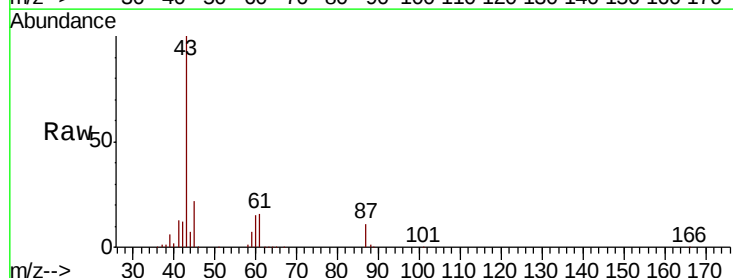
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-2

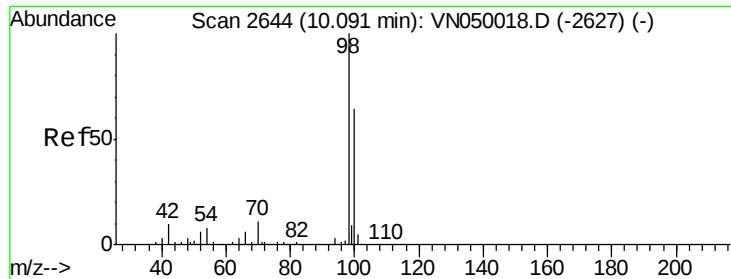
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.7	121.1
192	21.8	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 19.07 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050200.D
 Acq: 30 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.0	15.8	23.6#
87	9.3	10.3	15.5#

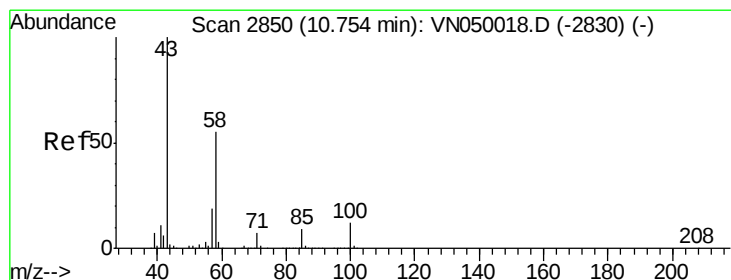
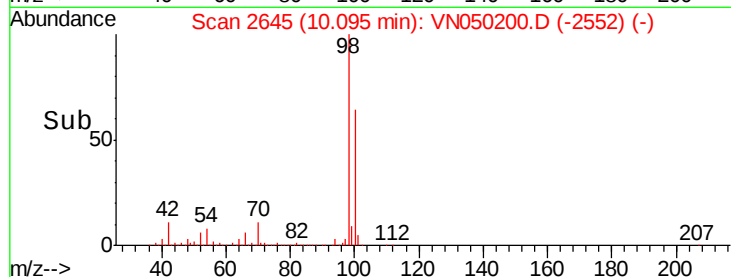
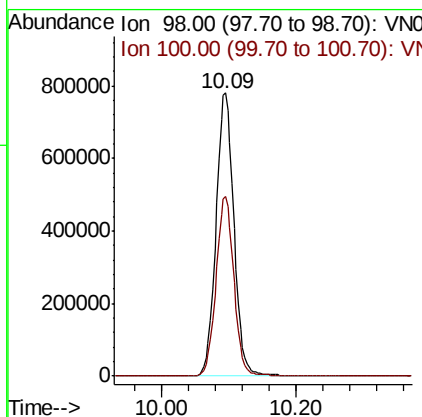
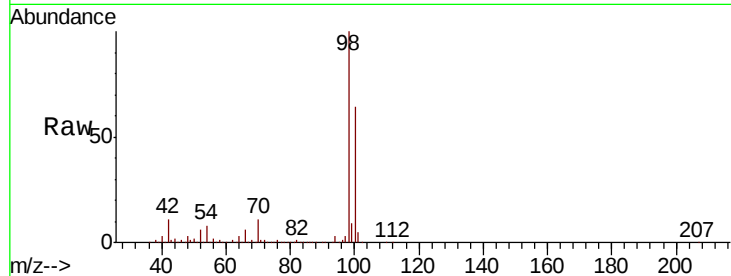




#50
Toluene-d8
Concen: 44.92 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050200.D
Acq: 30 Jul 2018 20:31

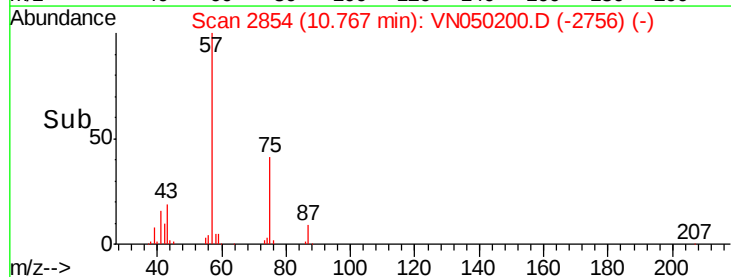
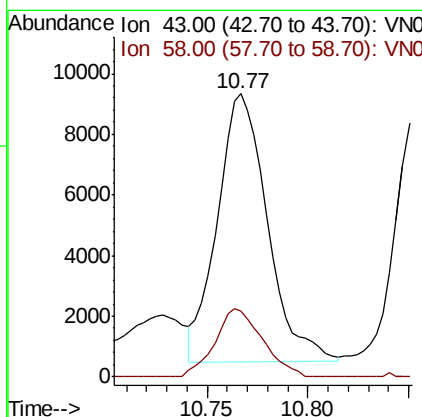
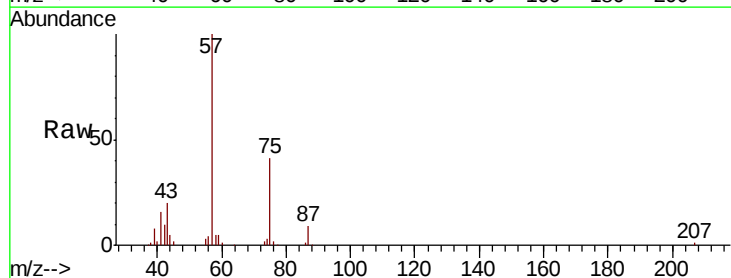
Instrument :
MSVOA_N
ClientSampled :
SOIL-2

Tot Ion: 98 Resp: 1447121
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#59
2-Hexanone
Concen: 7.63 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050200.D
Acq: 30 Jul 2018 20:31

Tgt Ion: 43 Resp: 15285
Ion Ratio Lower Upper
43 100
58 24.2 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 37.79 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN050200.D

Acq: 30 Jul 2018 20:31

Instrument :

MSVOA_N

ClientSampled :

SOIL-2

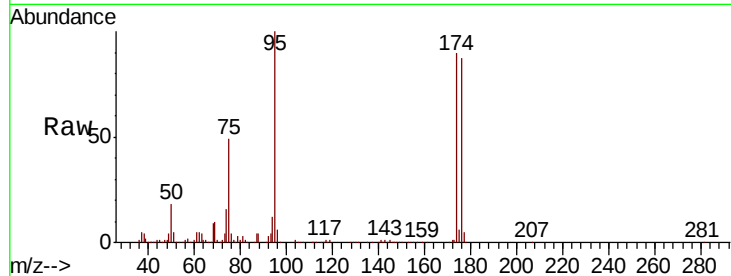
Tot Ion: 95 Resp: 400854

Ion Ratio Lower Upper

95 100

174 91.0 0.0 178.2

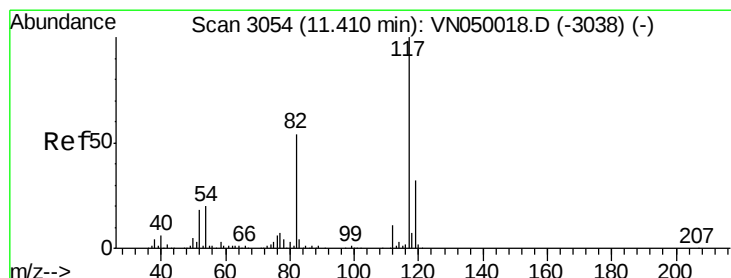
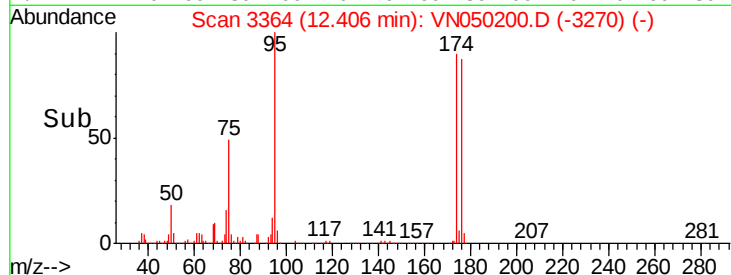
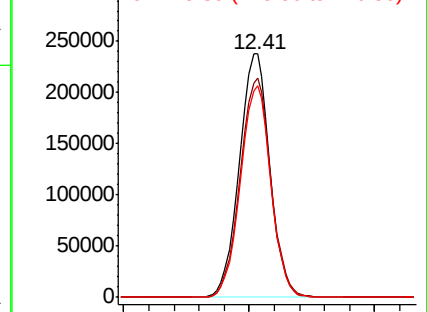
176 86.7 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050200.D

Acq: 30 Jul 2018 20:31

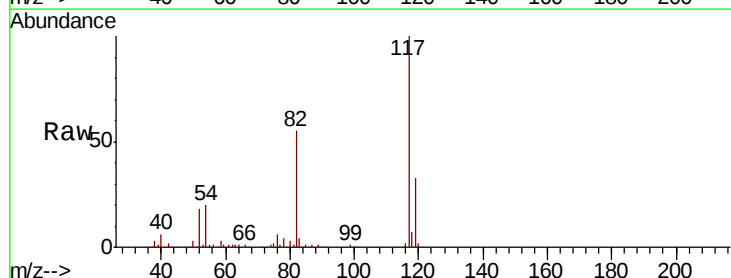
Tgt Ion: 117 Resp: 901747

Ion Ratio Lower Upper

117 100

82 54.6 43.7 65.5

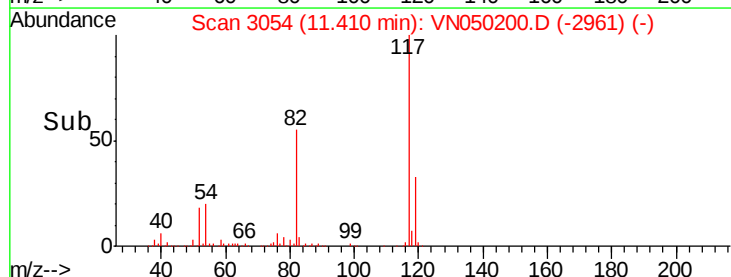
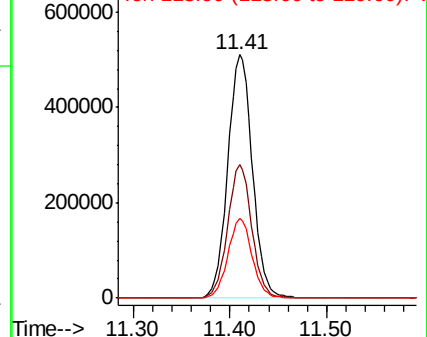
119 32.6 26.1 39.1

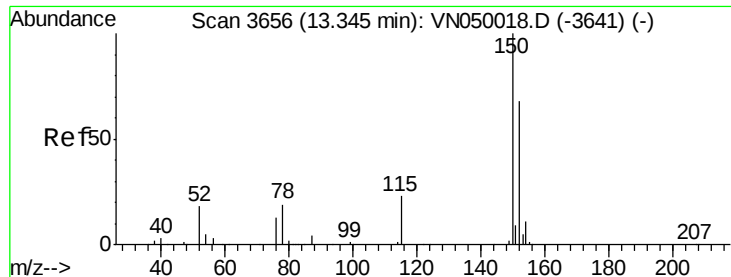


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050200.D

Acq: 30 Jul 2018 20:31

Instrument :

MSVOA_N

ClientSampled :

SOIL-2

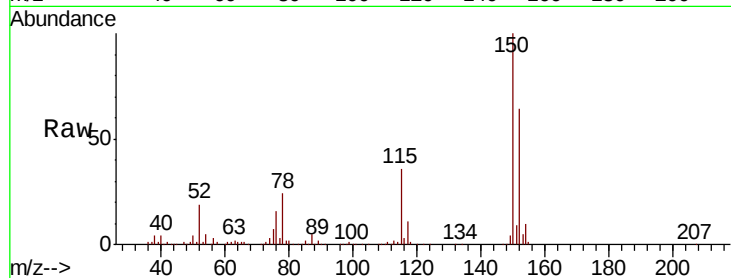
Tot Ion:152 Resp: 331999

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

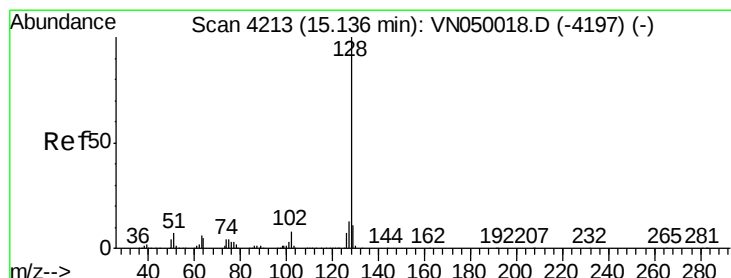
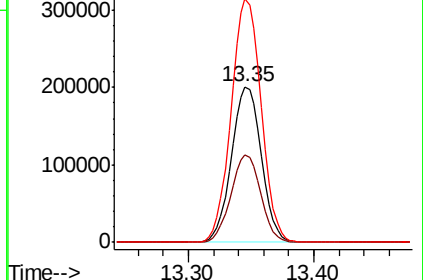
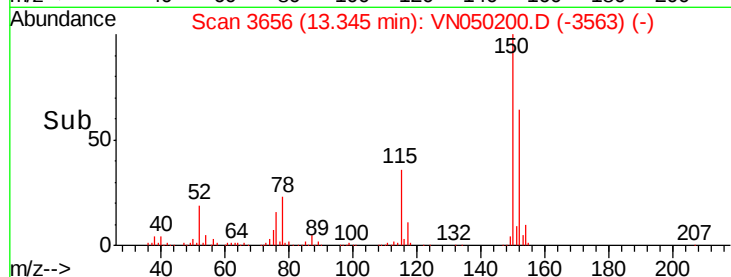
150 156.9 0.0 348.6



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: 15.67 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050200.D

Acq: 30 Jul 2018 20:31

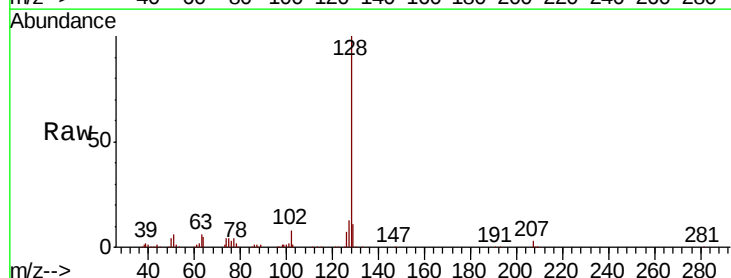
Tgt Ion:128 Resp: 187105

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 10.6 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

