

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050412.D
 Acq On : 7 Aug 2018 3:52
 Operator : MD\SY
 Sample : J4333-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-4

Quant Time: Aug 07 08:05:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	645420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1057383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	925076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	374850	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	450102	52.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.40%	
35) Dibromofluoromethane	7.60	113	409233	48.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.46%	
50) Toluene-d8	10.09	98	1457772	45.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	12.40	95	421677	38.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.56%	

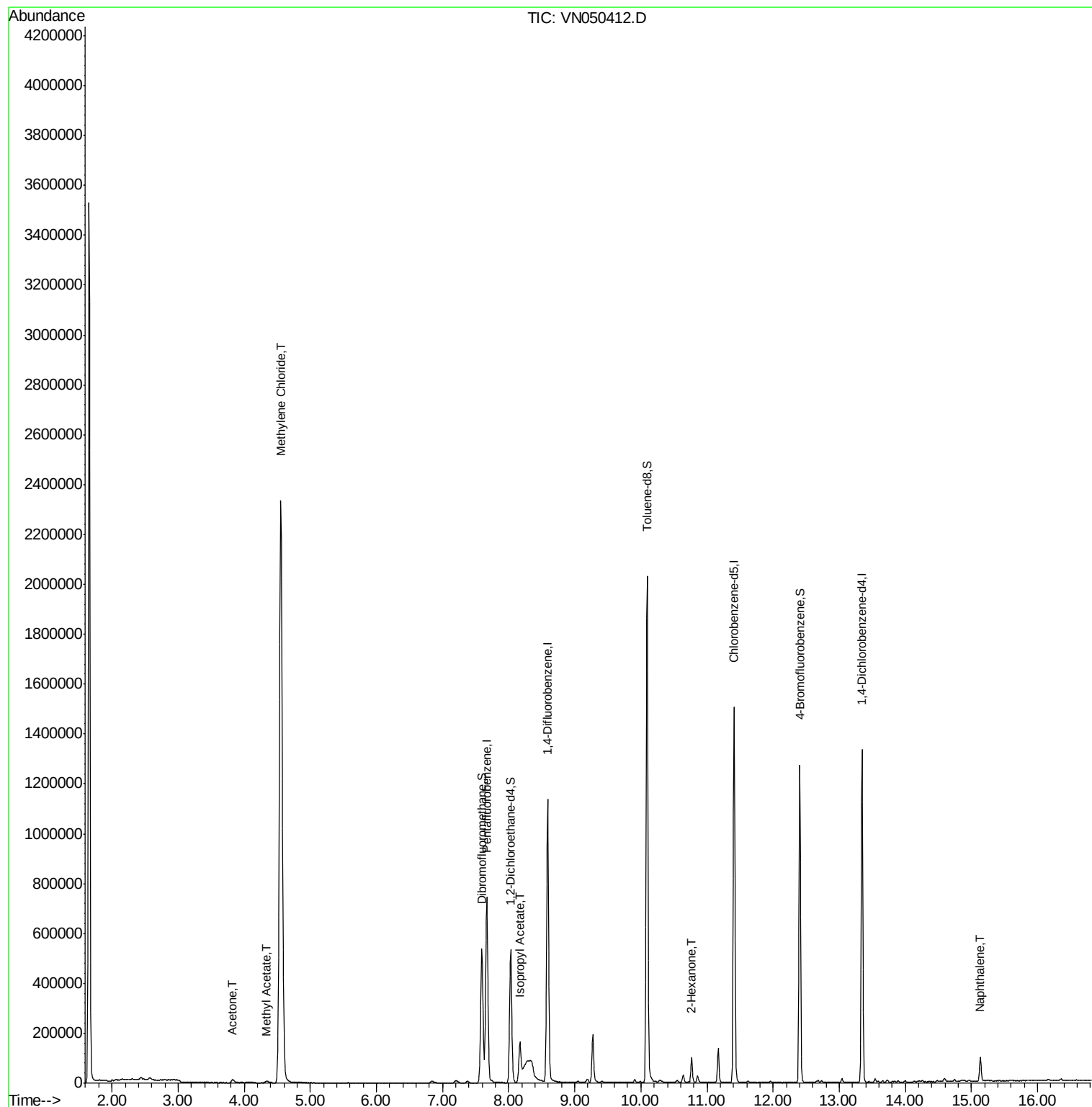
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	23842	8.92	ug/l	99
18) Methyl Acetate	4.34	43	14619	2.00	ug/l	95
20) Methylene Chloride	4.55	84	1847032	240.76	ug/l	99
43) Isopropyl Acetate	8.17	43	202937	14.05	ug/l	98
59) 2-Hexanone	10.77	43	14147	1.95	ug/l #	59
95) Naphthalene	15.13	128	83819	7.90	ug/l	99

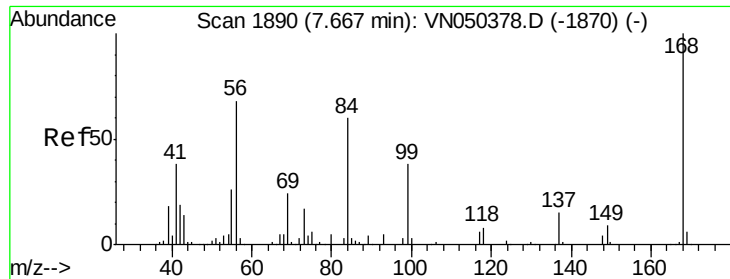
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050412.D

Acq: 7 Aug 2018 3:52

Instrument :

MSVOA_N

ClientSampleId :

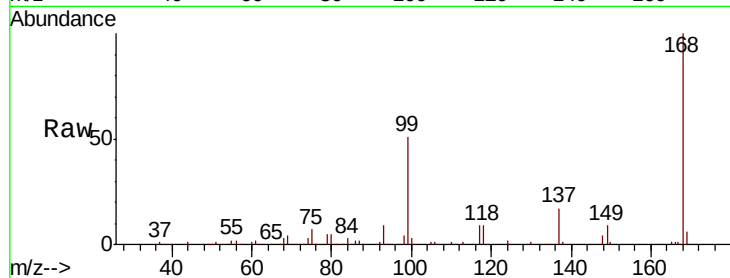
SOIL-4

Tot Ion:168 Resp: 645420

Ion Ratio Lower Upper

168 100

99 50.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

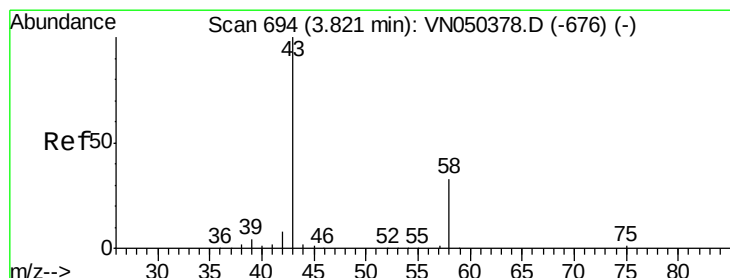
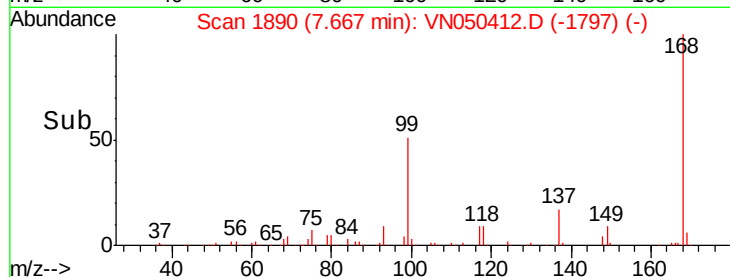
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 8.92 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050412.D

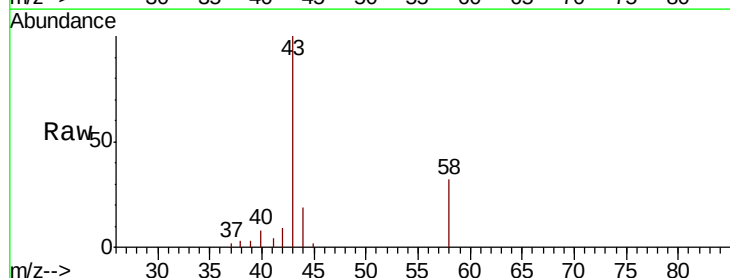
Acq: 7 Aug 2018 3:52

Tgt Ion: 43 Resp: 23842

Ion Ratio Lower Upper

43 100

58 31.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

8000

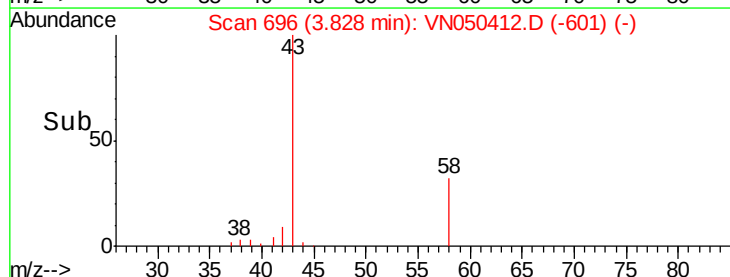
6000

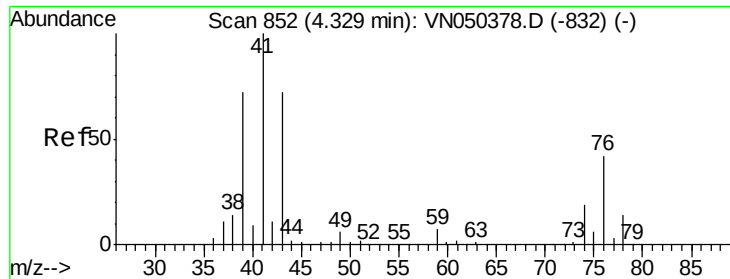
4000

2000

0

Time--> 3.80 3.90

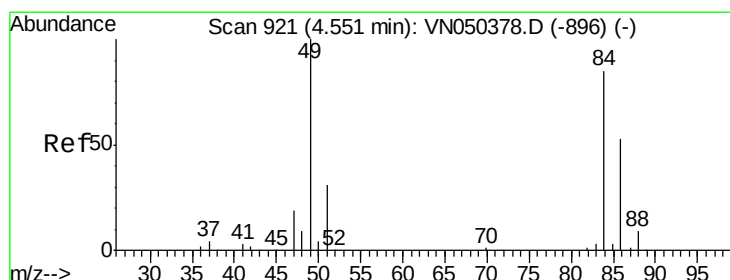
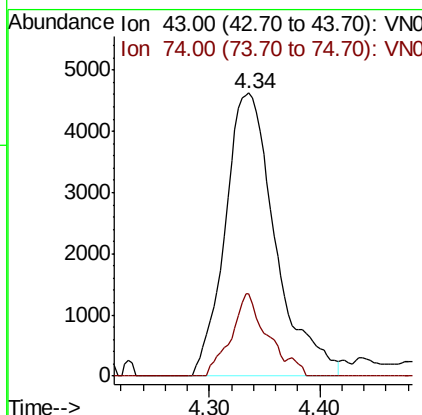
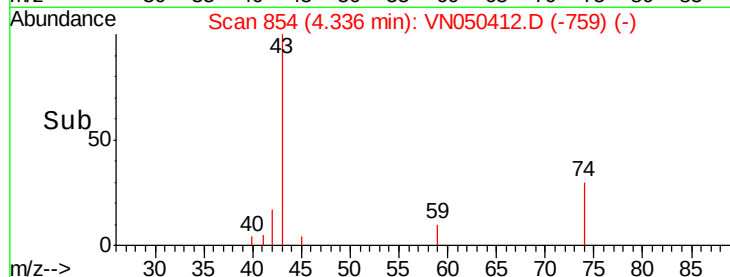
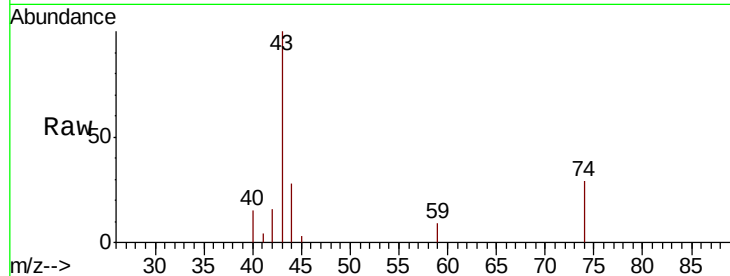




#18
Methvl Acetate
Concen: 2.00 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

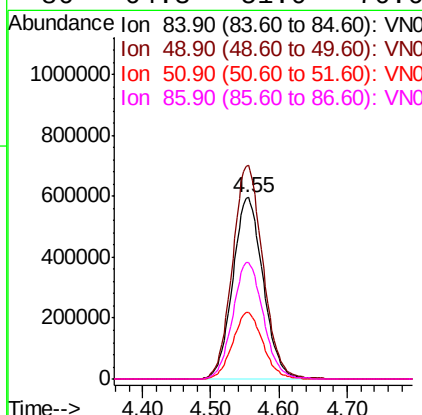
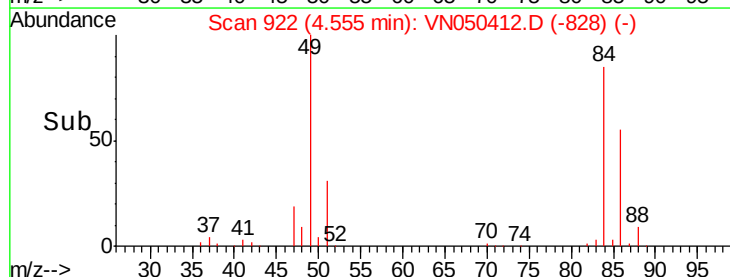
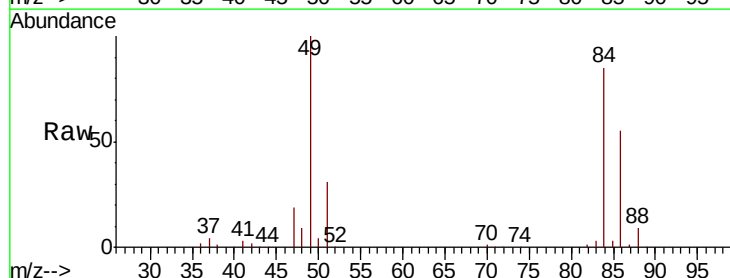
Instrument :
MSVOA_N
ClientSampled :
SOIL-4

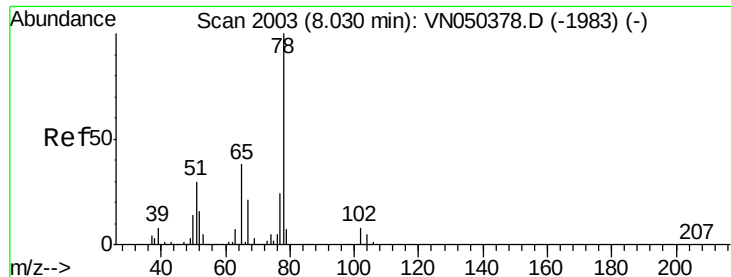
Tot Ion: 43 Resp: 14619
Ion Ratio Lower Upper
43 100
74 21.3 19.2 28.8



#20
Methylene Chloride
Concen: 240.76 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

Tgt Ion: 84 Resp: 1847032
Ion Ratio Lower Upper
84 100
49 117.7 94.8 142.2
51 36.5 28.3 42.5
86 64.3 51.0 76.6

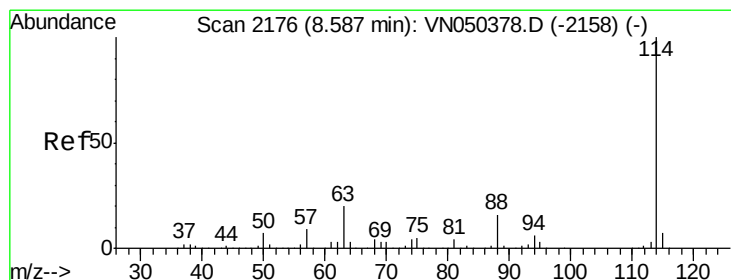
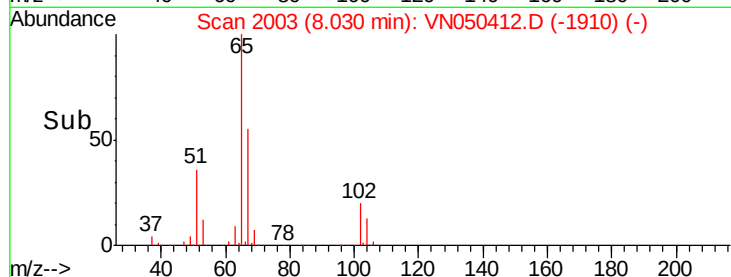
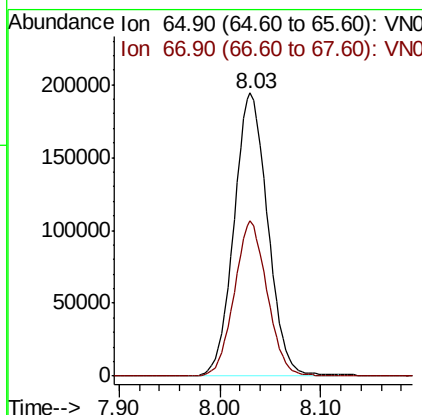
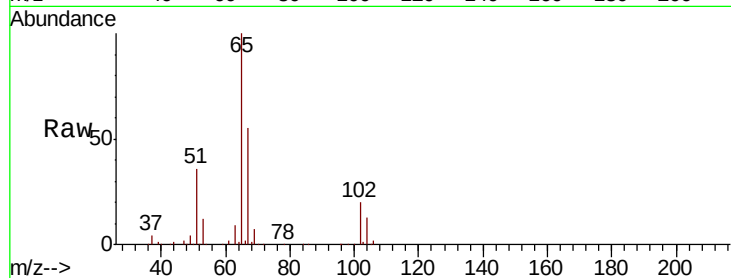




#33
 1,2-Dichloroethane-d4
 Concen: 52.20 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050412.D
 Acq: 7 Aug 2018 3:52

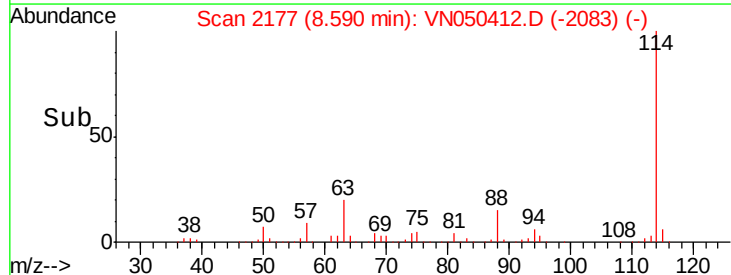
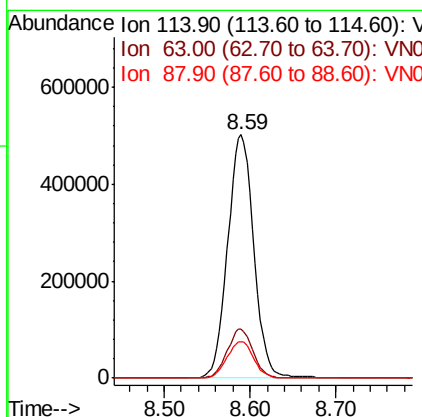
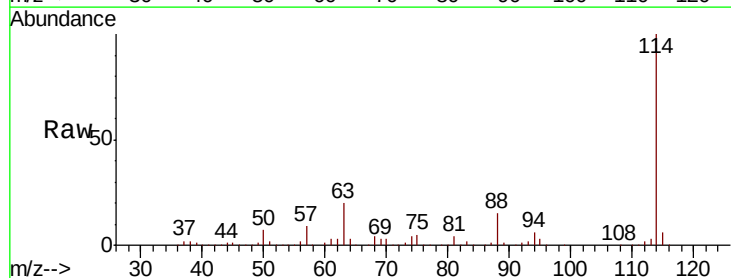
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-4

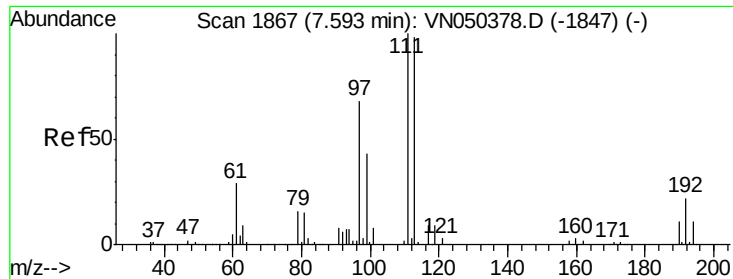
Tot Ion: 65 Resp: 450102
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050412.D
 Acq: 7 Aug 2018 3:52

Tgt Ion:114 Resp: 1057383
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 15.0 0.0 31.2

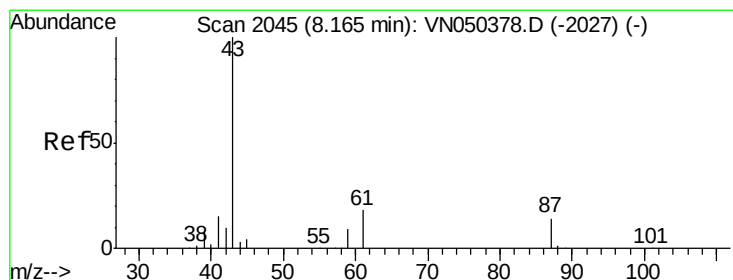
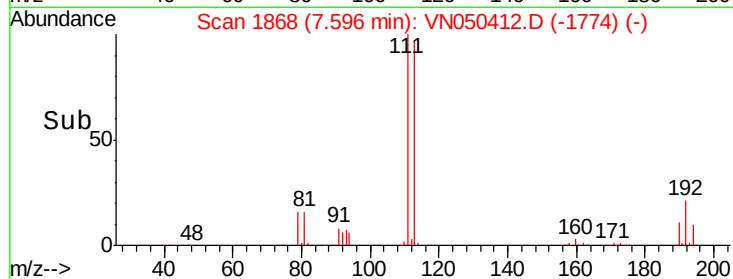
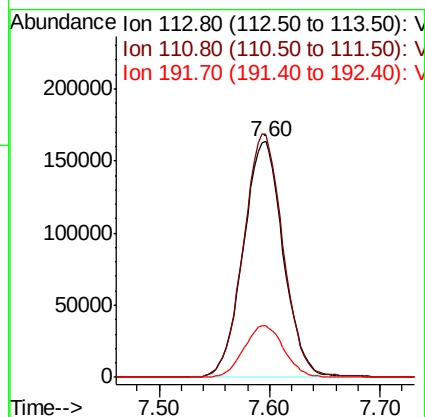
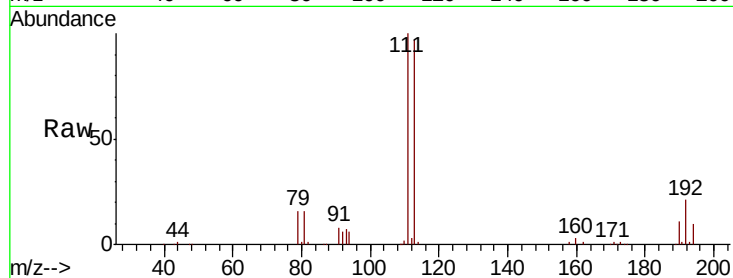




#35
Dibromofluoromethane
Concen: 48.23 ug/l
RT: 7.60 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

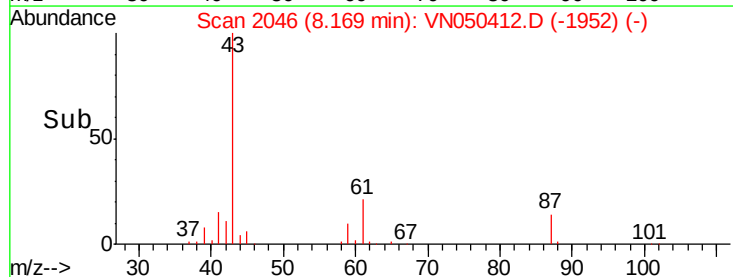
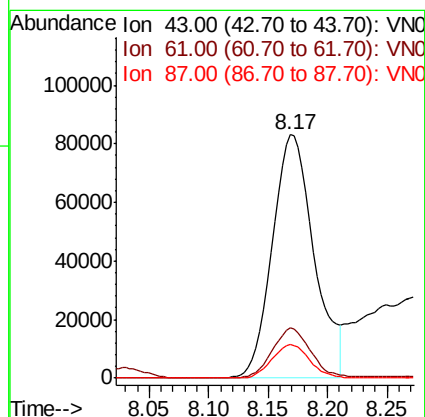
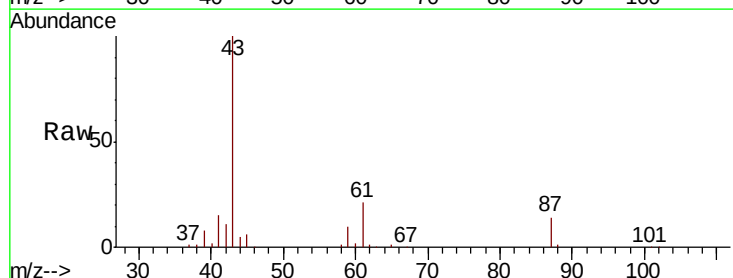
Instrument :
MSVOA_N
ClientSampled :
SOIL-4

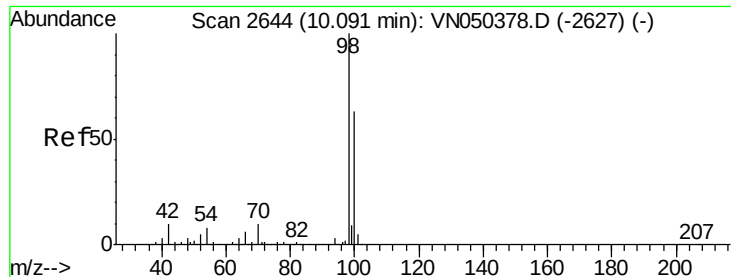
Tot Ion:113 Resp: 409233
Ion Ratio Lower Upper
113 100
111 103.0 80.7 121.1
192 22.1 17.8 26.6



#43
Isopropyl Acetate
Concen: 14.05 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

Tgt Ion: 43 Resp: 202937
Ion Ratio Lower Upper
43 100
61 18.8 15.8 23.6
87 12.4 10.3 15.5

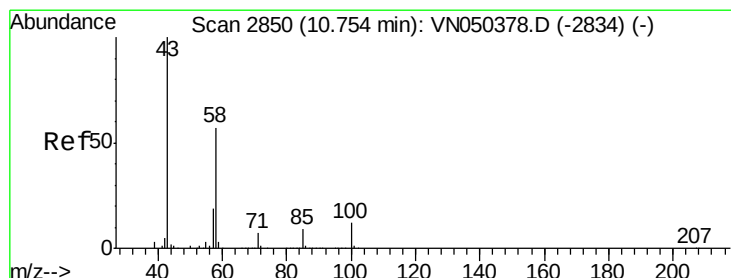
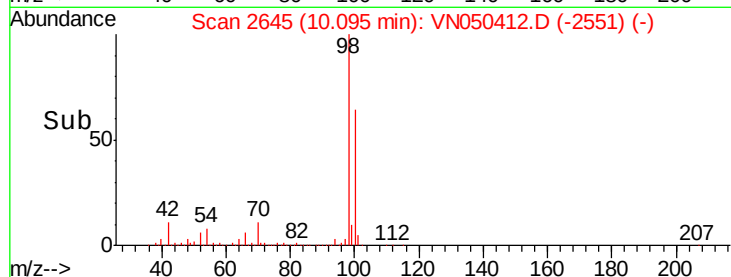
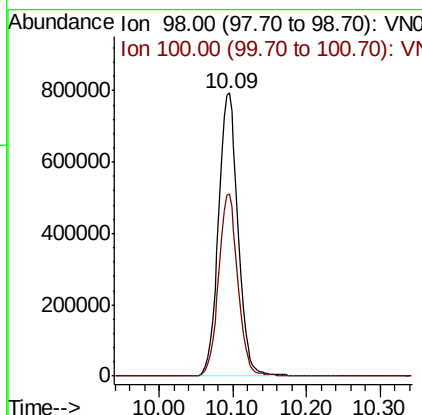
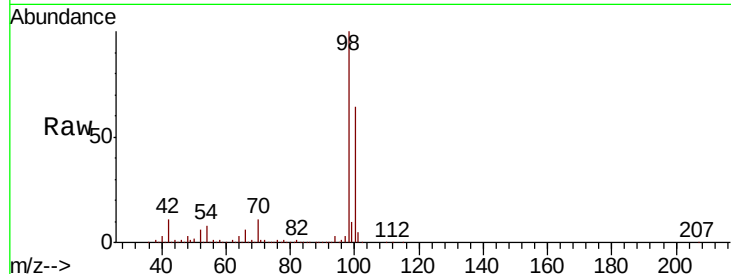




#50
Toluene-d8
Concen: 45.70 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

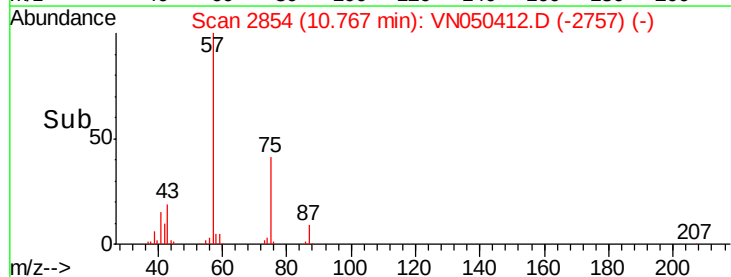
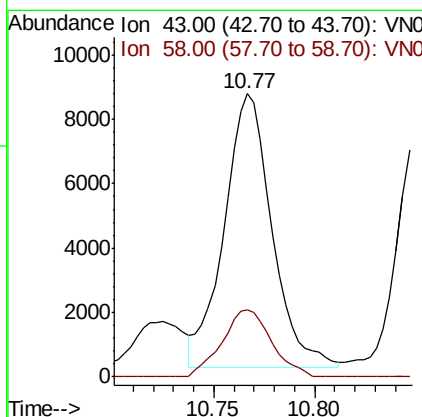
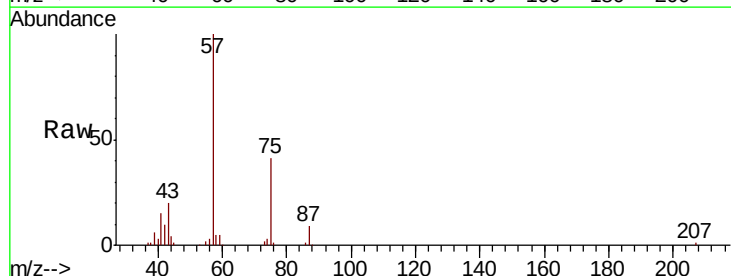
Instrument :
MSVOA_N
ClientSampled :
SOIL-4

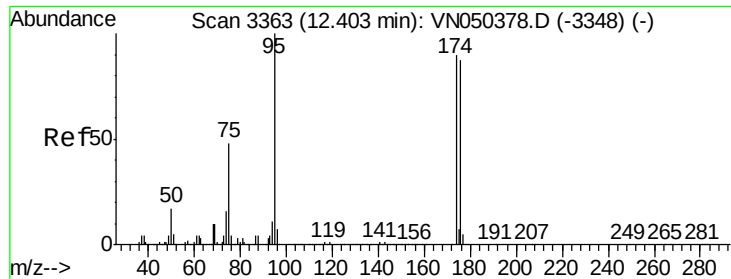
Tot Ion: 98 Resp: 1457772
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#59
2-Hexanone
Concen: 1.95 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

Tgt Ion: 43 Resp: 14147
Ion Ratio Lower Upper
43 100
58 25.2 27.6 82.7#

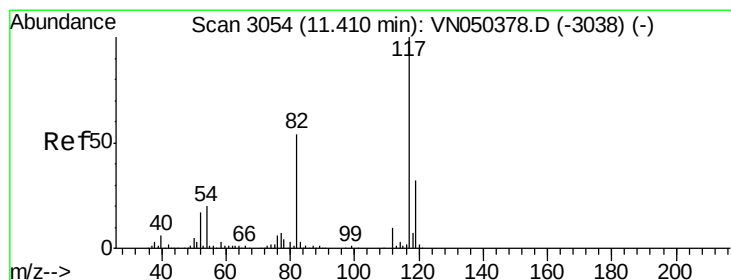
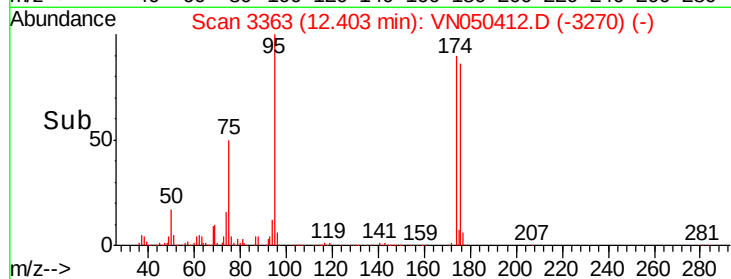
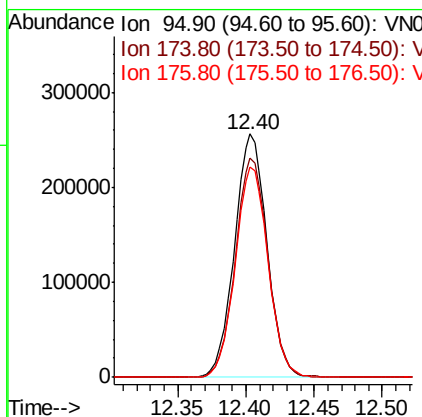
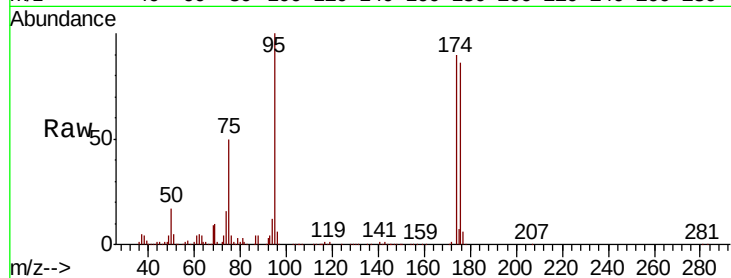




#62
4-Bromofluorobenzene
Concen: 38.78 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

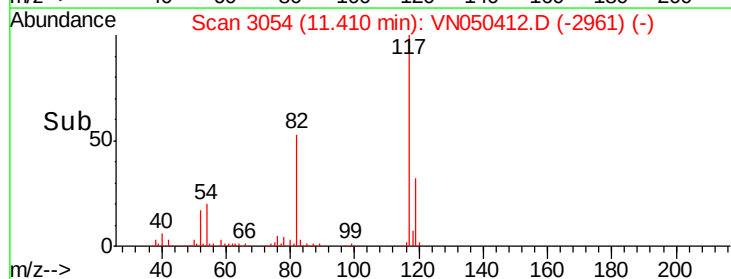
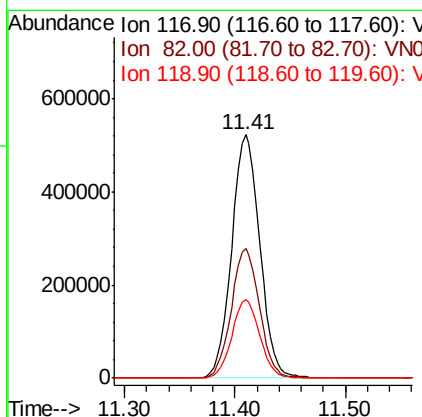
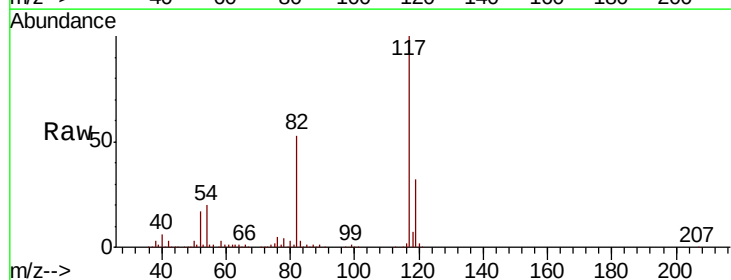
Instrument :
MSVOA_N
ClientSampleId :
SOIL-4

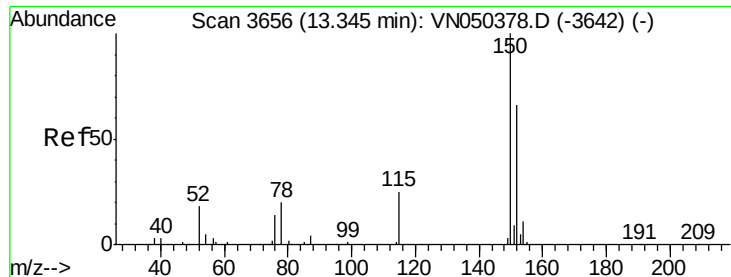
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	178.2
176	87.6	0.0	173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050412.D
Acq: 7 Aug 2018 3:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.7	65.5
119	32.4	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: VN050412.D

Acq: 7 Aug 2018 3:52

Instrument :

MSVOA_N

ClientSampleId :

SOIL-4

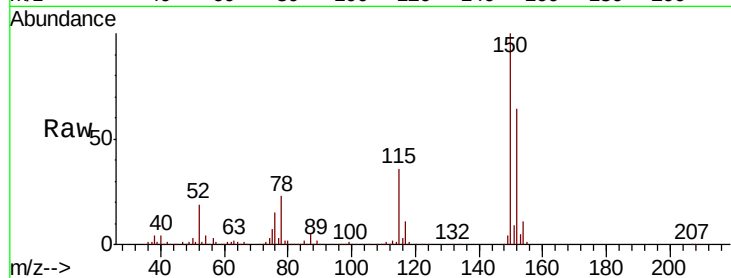
Tot Ion:152 Resp: 374850

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.3

150 156.8 0.0 348.6

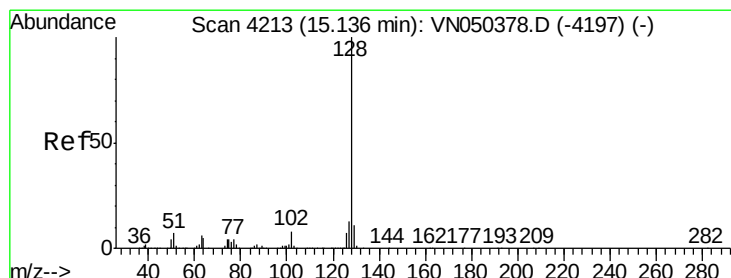
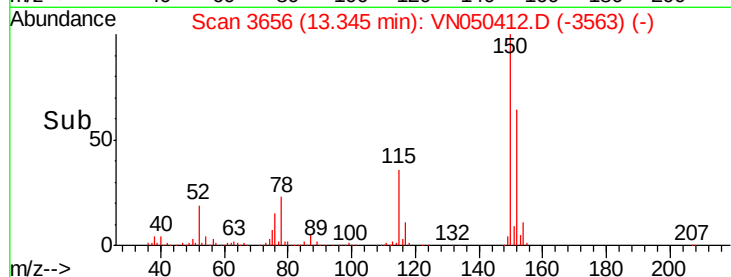
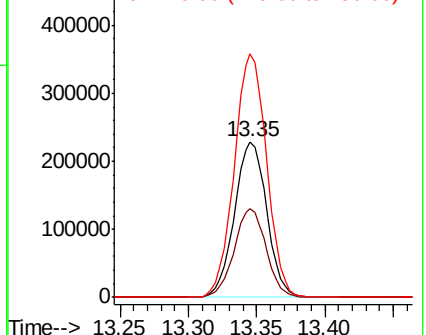


Abundance

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: 7.90 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050412.D

Acq: 7 Aug 2018 3:52

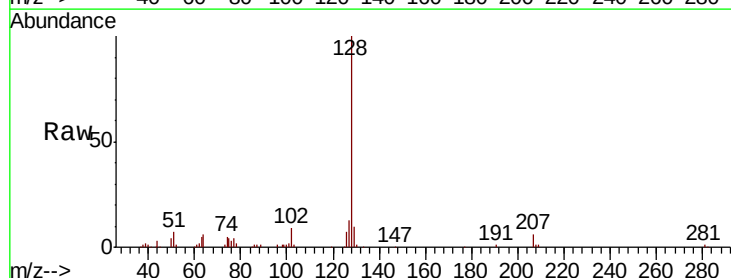
Tgt Ion:128 Resp: 83819

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.4 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

