

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050152.D
 Acq On : 28 Jul 2018 00:32
 Operator : MD\SY
 Sample : J4152-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LA-SOIL-2

Quant Time: Jul 28 01:37:41 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

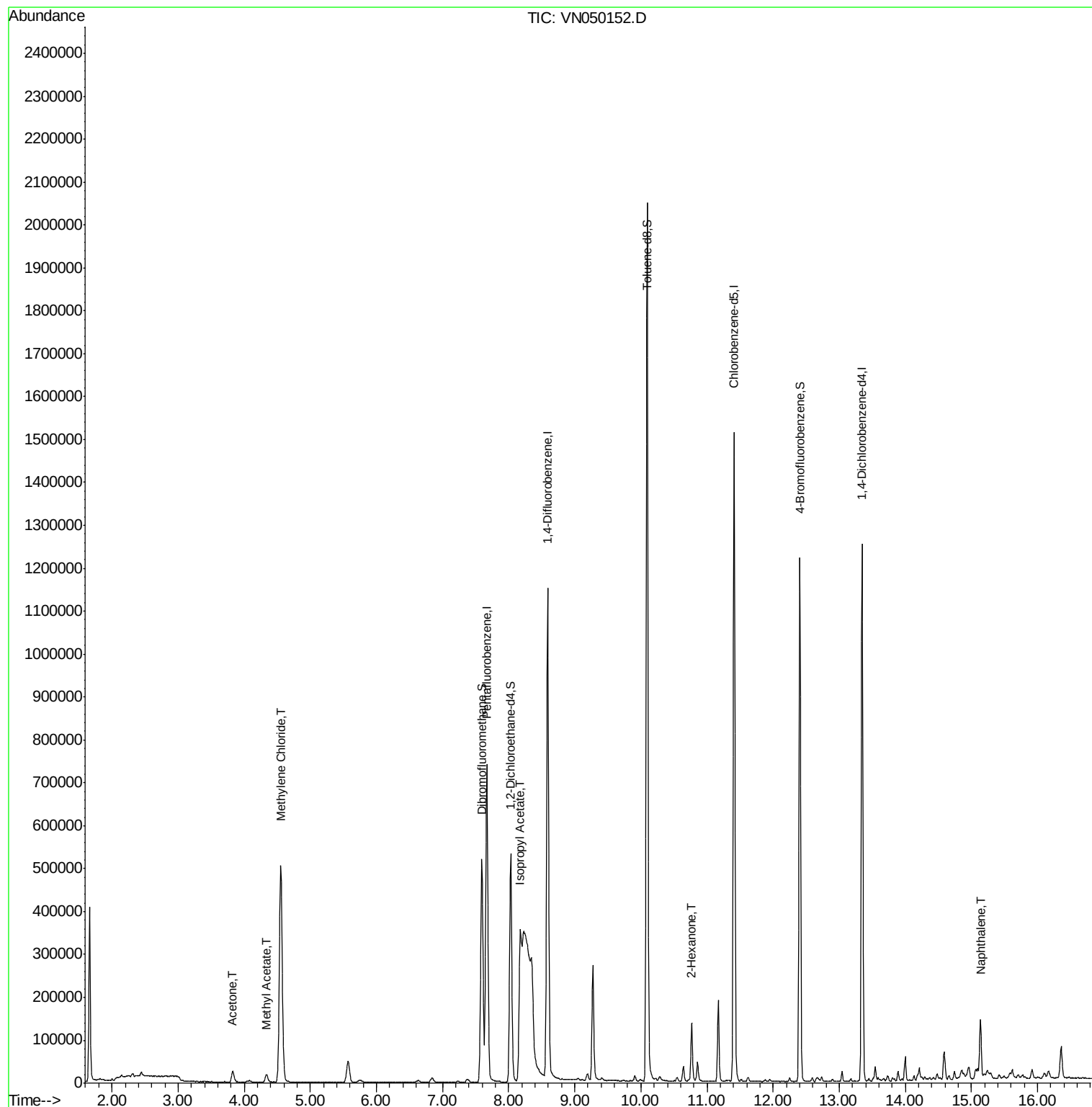
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1054791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	901877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	348245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	452410	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	7.60	113	399420	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
50) Toluene-d8	10.09	98	1429619	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
62) 4-Bromofluorobenzene	12.40	95	406413	38.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.96%	
Target Compounds						
16) Acetone	3.82	43	43288	16.859	ug/l	99
18) Methyl Acetate	4.34	43	35672	2.895	ug/l	98
20) Methylene Chloride	4.55	84	396104	50.850	ug/l	99
43) Isopropyl Acetate	8.18	43	422874	26.550	ug/l #	85
59) 2-Hexanone	10.77	43	19427	8.353	ug/l #	58
95) Naphthalene	15.14	128	123800	11.512	ug/l	99

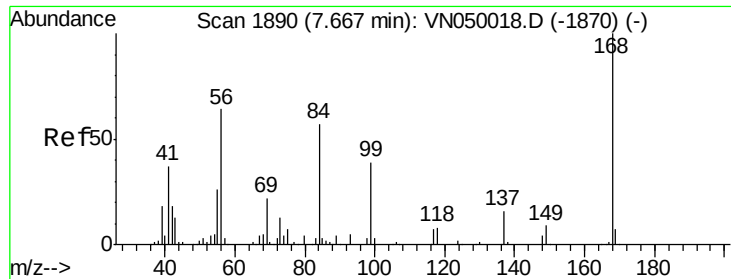
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072718\
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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

Instrument :

MSVOA_N

ClientSampleId :

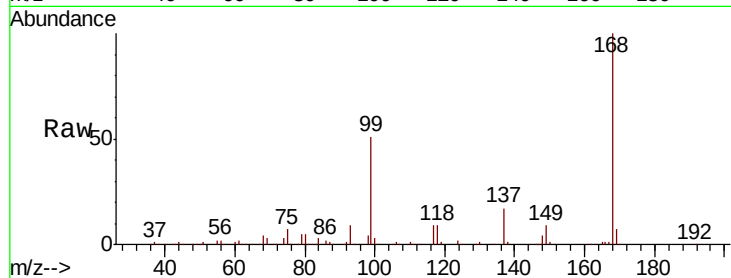
LA-SOIL-2

Tot Ion:168 Resp: 629952

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050152.D (-1798) (-)

Ion 98.90 (98.60 to 99.60): VN050152.D (-1798) (-)

7.67

250000

200000

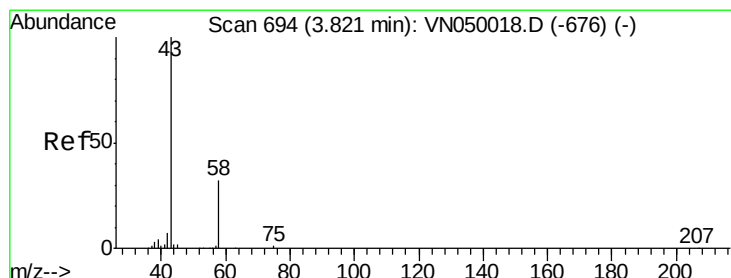
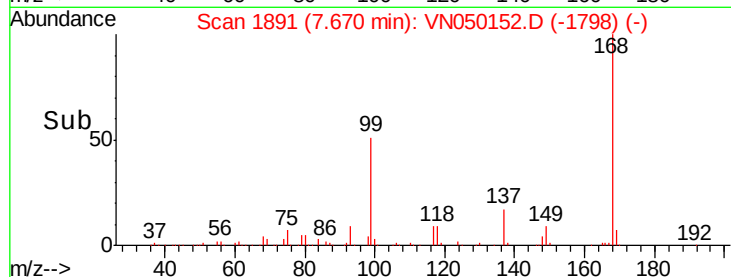
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.859 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050152.D

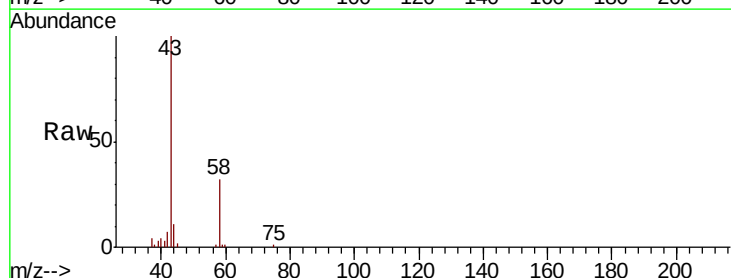
Acq: 28 Jul 2018 00:32

Tgt Ion: 43 Resp: 43288

Ion Ratio Lower Upper

43 100

58 33.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050152.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN050152.D (-601) (-)

3.82

20000

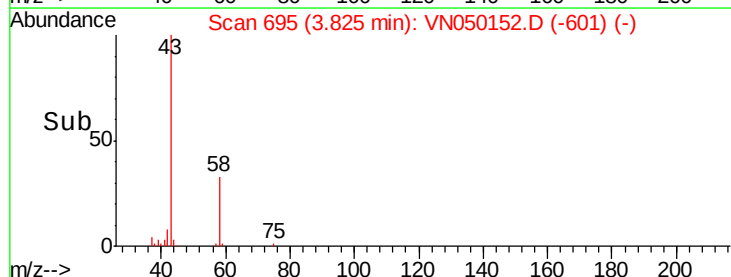
15000

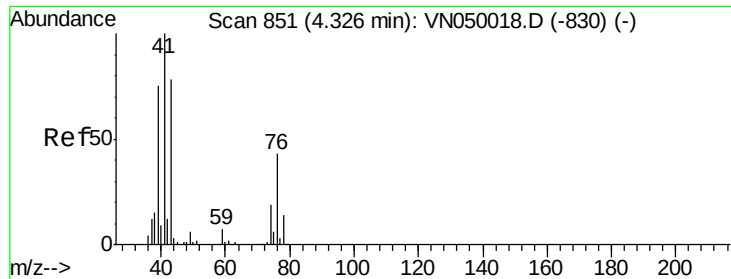
10000

5000

0

Time-->

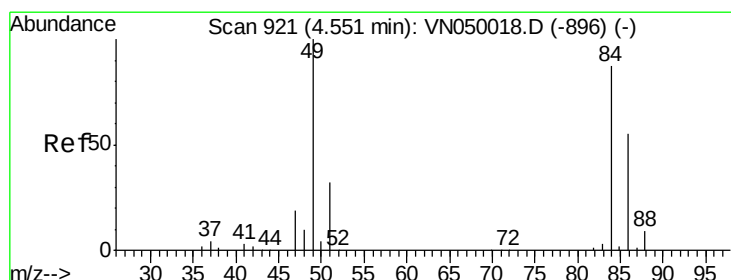
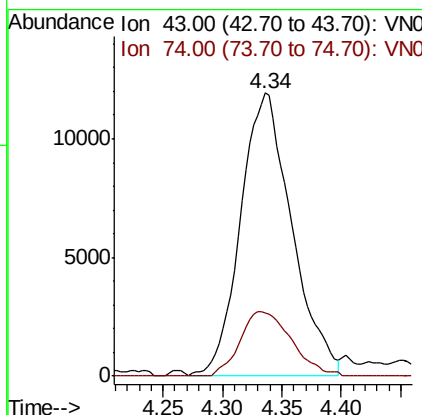
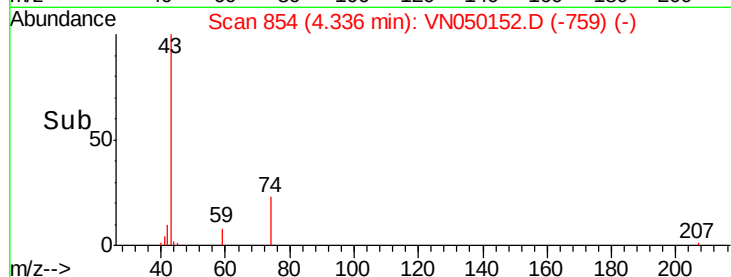
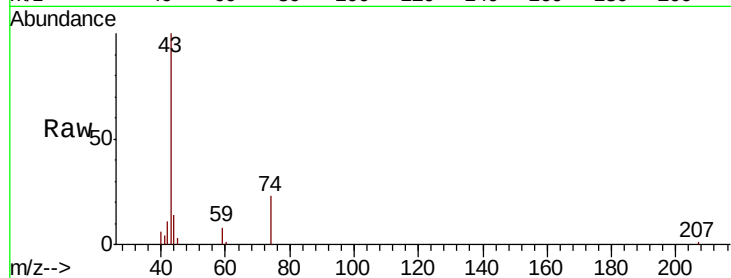




#18
Methvl Acetate
Concen: 2.895 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

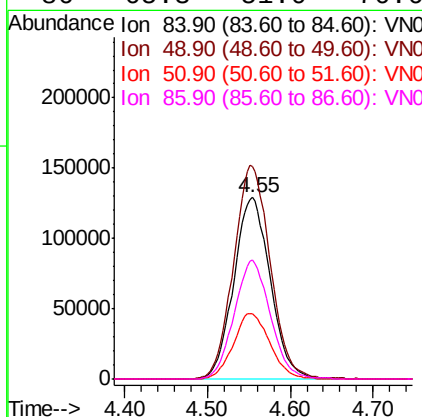
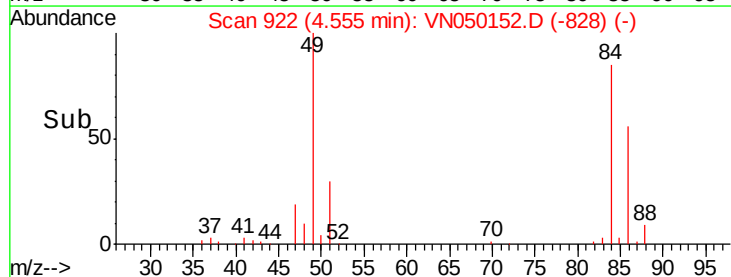
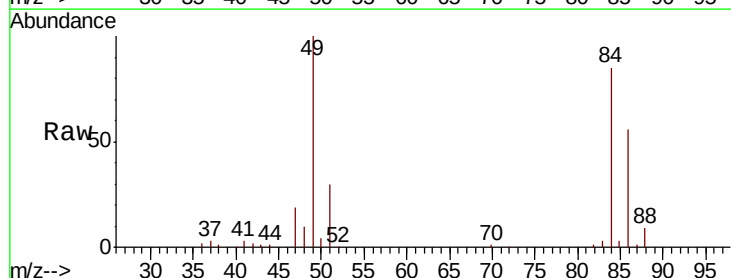
Instrument :
MSVOA_N
ClientSampled :
LA-SOIL-2

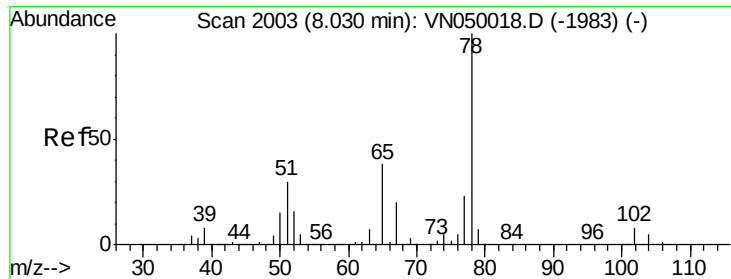
Tot Ion: 43 Resp: 35672
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8



#20
Methylene Chloride
Concen: 50.850 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

Tgt Ion: 84 Resp: 396104
Ion Ratio Lower Upper
84 100
49 117.4 94.8 142.2
51 35.7 28.3 42.5
86 65.3 51.0 76.6

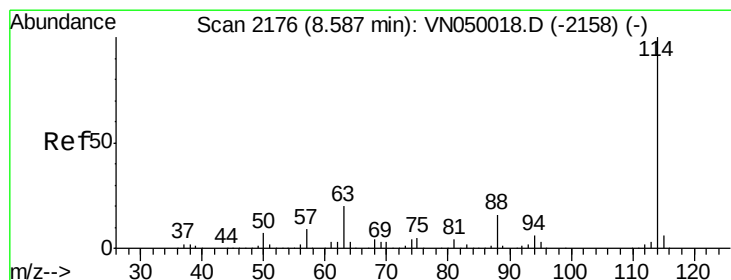
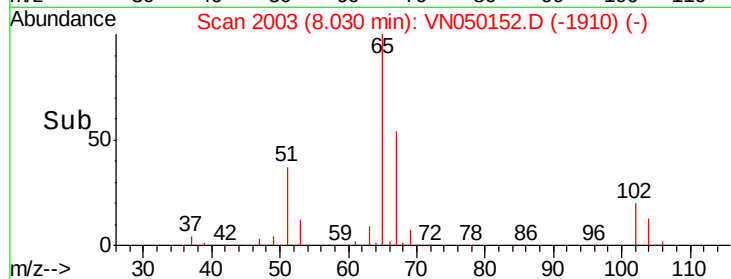
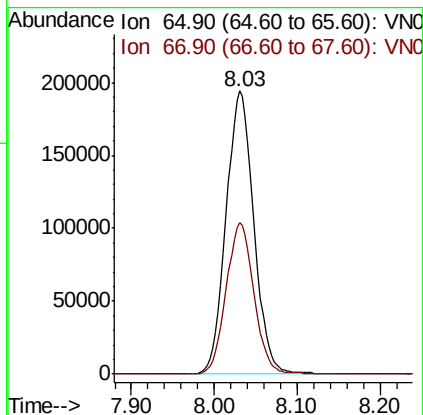
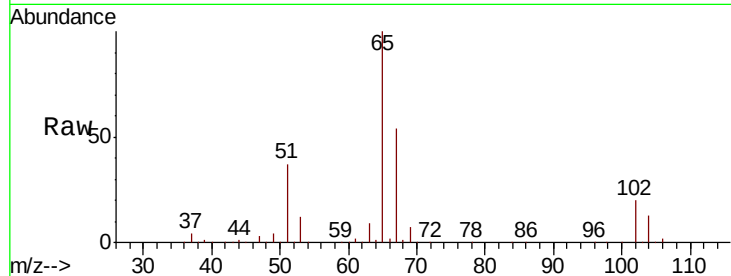




#33
 1,2-Dichloroethane-d4
 Concen: 51.473 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050152.D
 Acq: 28 Jul 2018 00:32

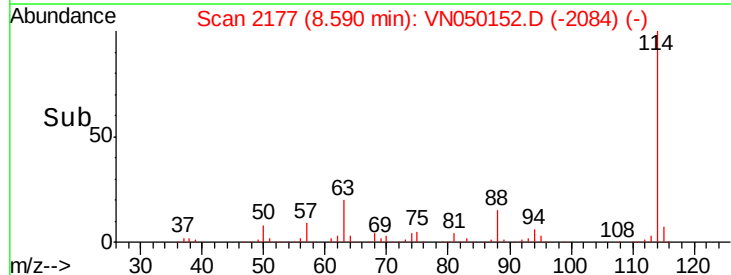
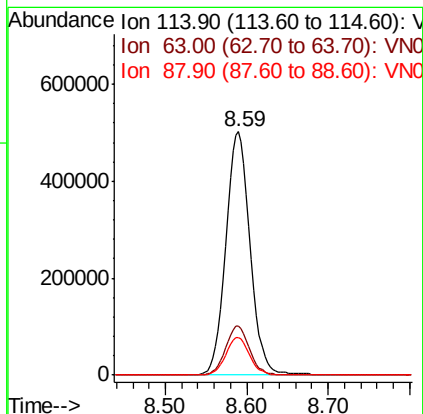
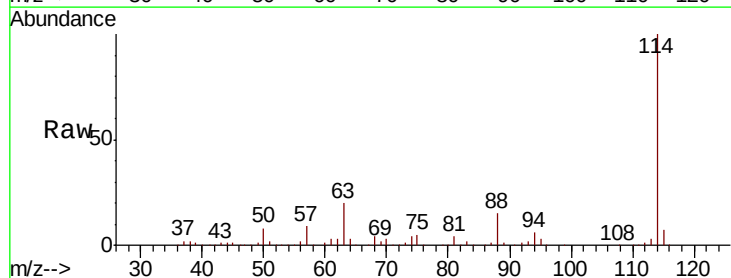
Instrument :
 MSVOA_N
 ClientSampleId :
 LA-SOIL-2

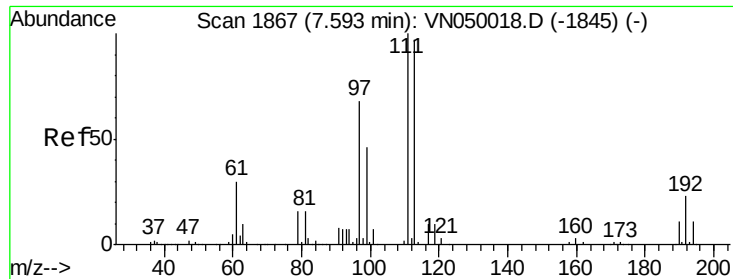
Tot Ion: 65 Resp: 452410
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050152.D
 Acq: 28 Jul 2018 00:32

Tgt Ion: 114 Resp: 1054791
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.3 0.0 31.2

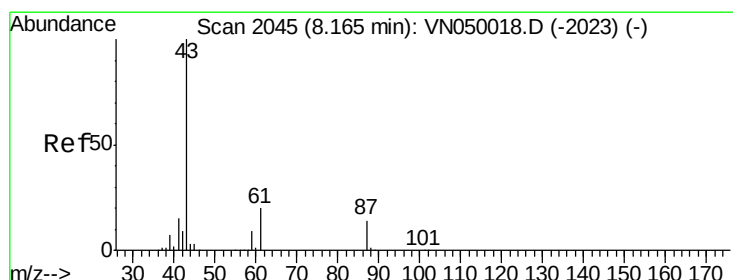
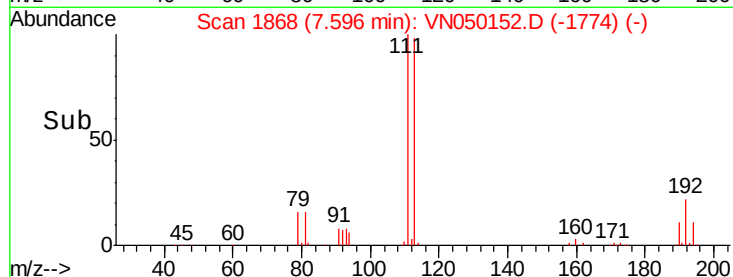
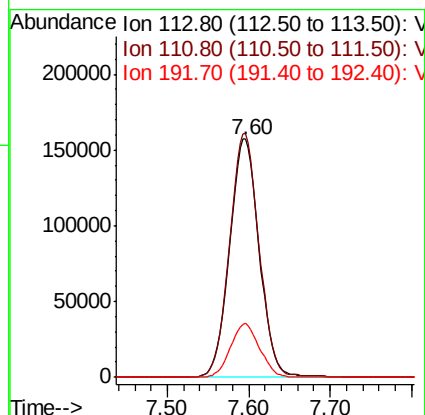
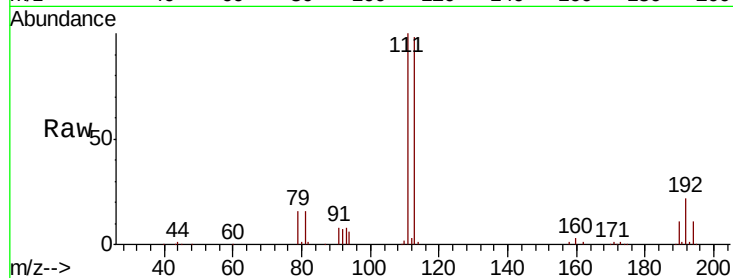




#35
 Dibromofluoromethane
 Concen: 46.379 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050152.D
 Acq: 28 Jul 2018 00:32

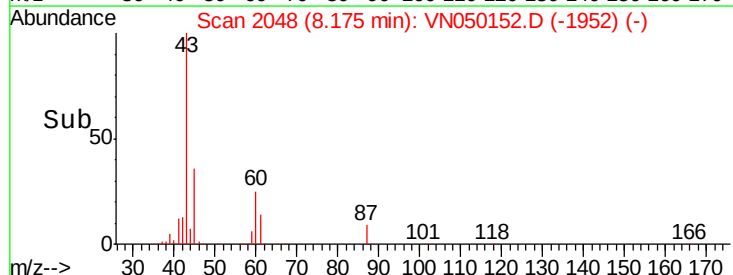
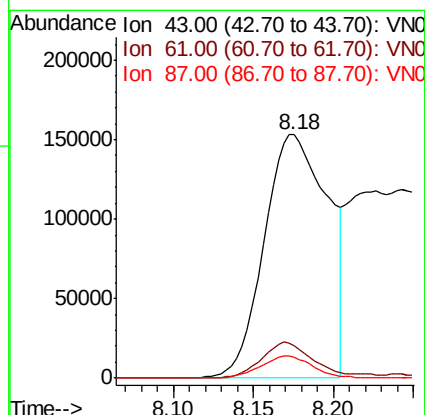
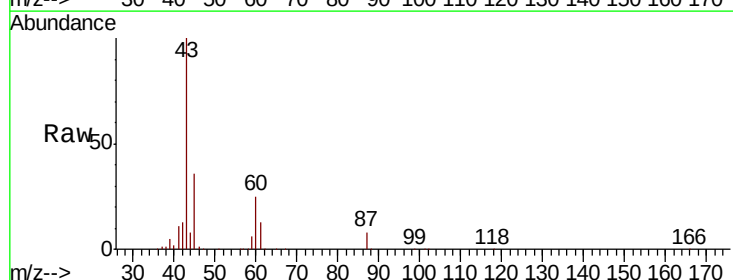
Instrument :
 MSVOA_N
 ClientSampleId :
 LA-SOIL-2

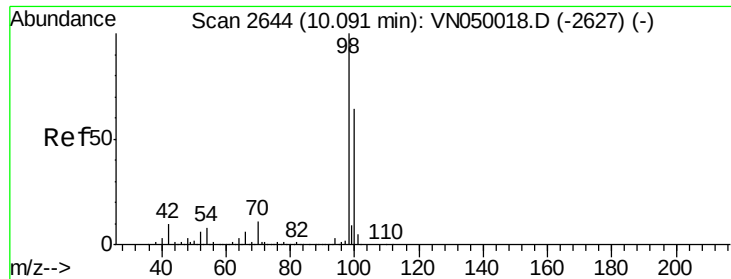
Tot Ion:113 Resp: 399420
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.7 121.1
 192 22.2 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 26.550 ug/l
 RT: 8.18 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN050152.D
 Acq: 28 Jul 2018 00:32

Tgt Ion: 43 Resp: 422874
 Ion Ratio Lower Upper
 43 100
 61 12.5 15.8 23.6#
 87 7.4 10.3 15.5#

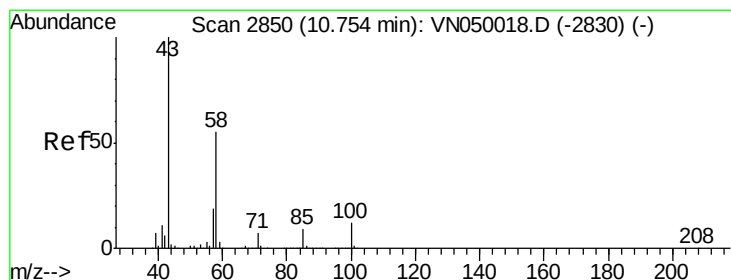
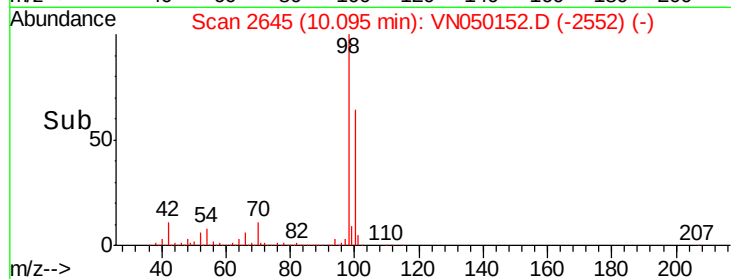
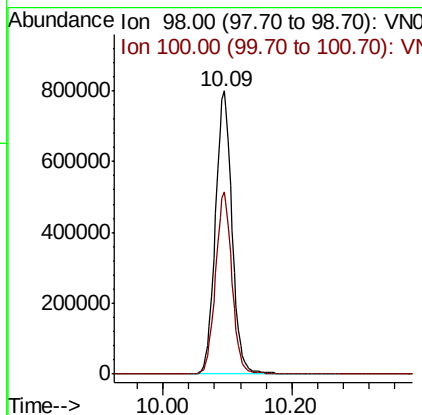
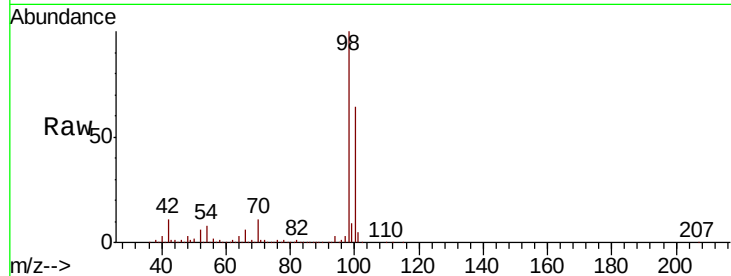




#50
Toluene-d8
Concen: 45.153 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

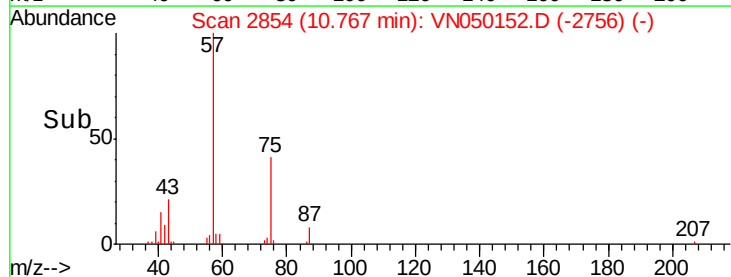
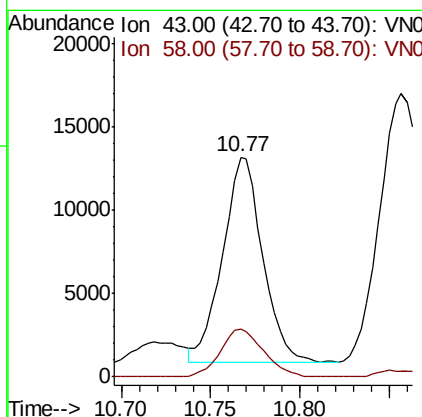
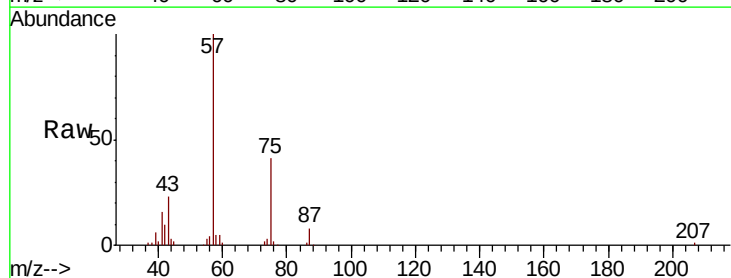
Instrument :
MSVOA_N
ClientSampled :
LA-SOIL-2

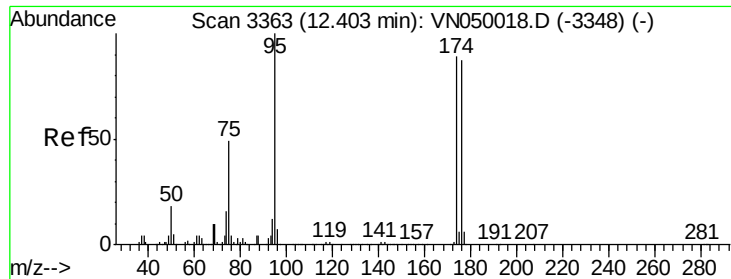
Tot Ion: 98 Resp: 1429619
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#59
2-Hexanone
Concen: 8.353 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

Tgt Ion: 43 Resp: 19427
Ion Ratio Lower Upper
43 100
58 24.9 27.6 82.7#

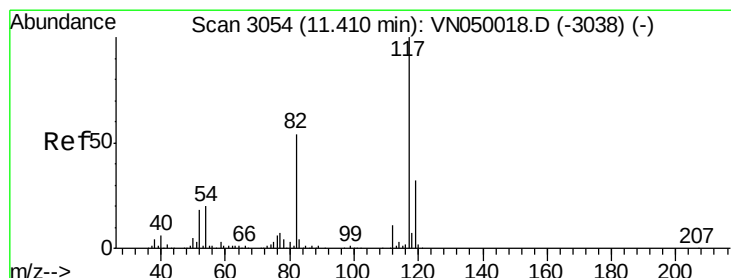
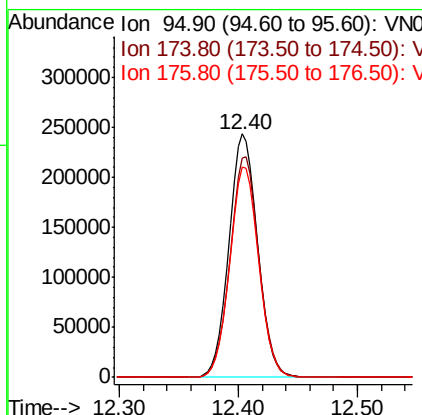
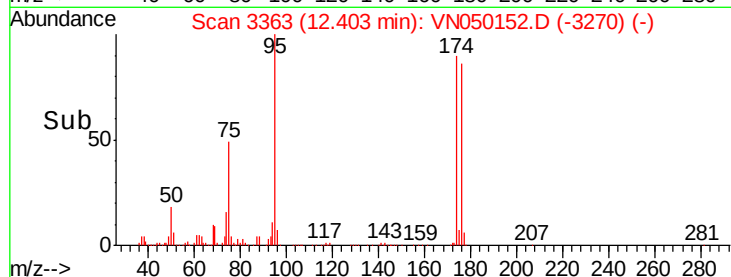
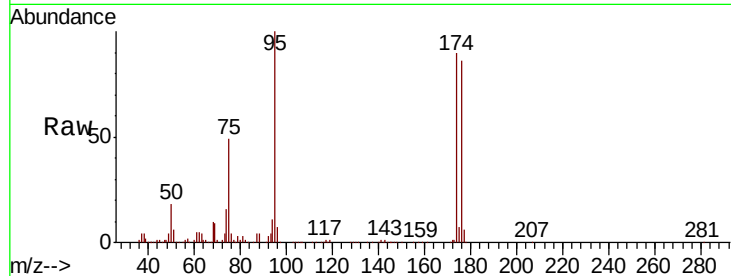




#62
4-Bromofluorobenzene
Concen: 38.983 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

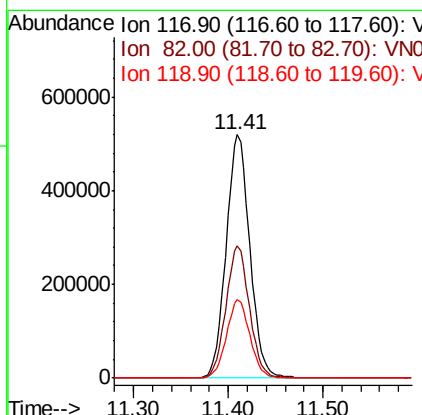
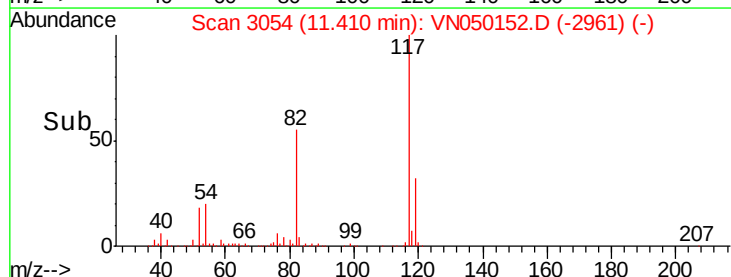
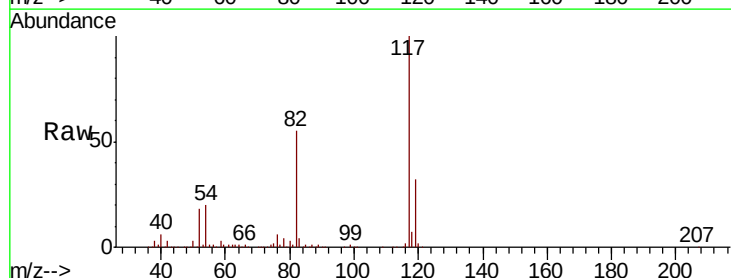
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MSVOA_N
ClientSampleId :
LA-SOIL-2

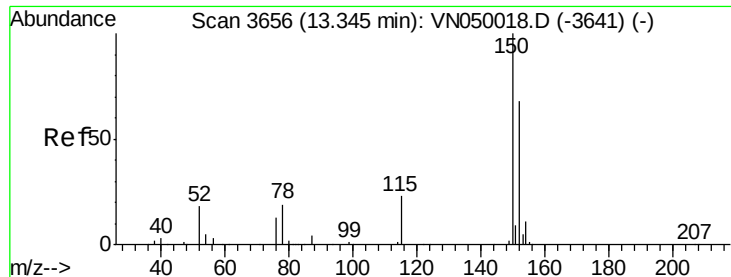
Tot Ion: 95 Resp: 406413
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 87.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

Tgt Ion: 117 Resp: 901877
Ion Ratio Lower Upper
117 100
82 54.5 43.7 65.5
119 32.1 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

Instrument :

MSVOA_N

ClientSampleId :

LA-SOIL-2

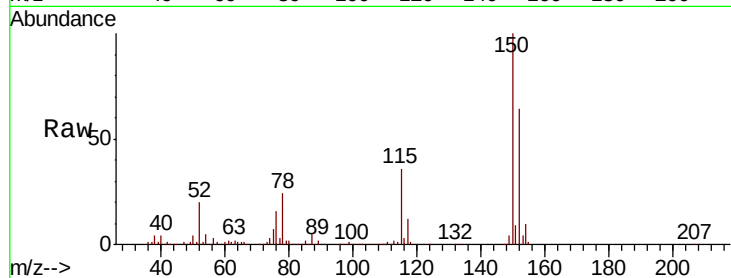
Tot Ion:152 Resp: 348245

Ion Ratio Lower Upper

152 100

115 56.8 27.8 83.3

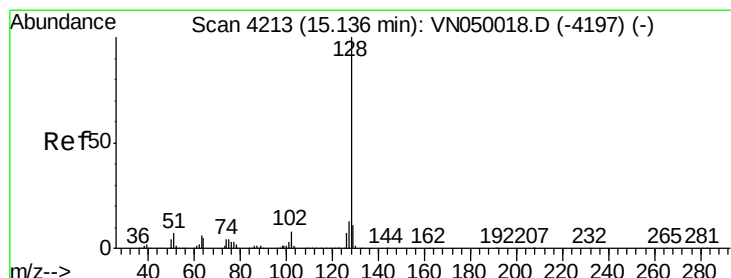
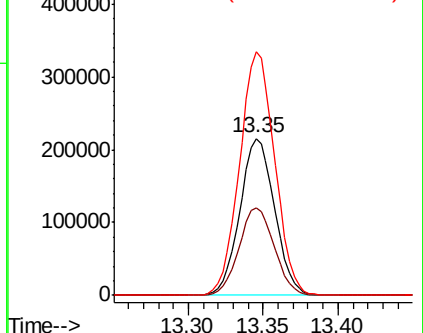
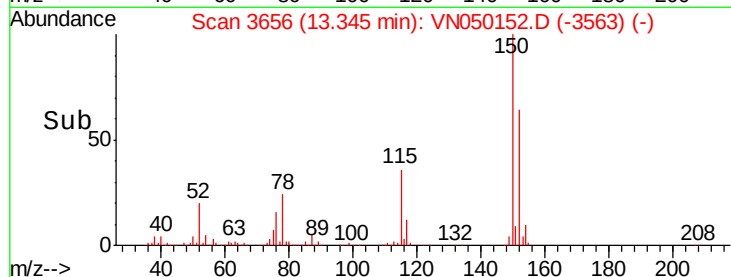
150 156.8 0.0 348.6



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: 11.512 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

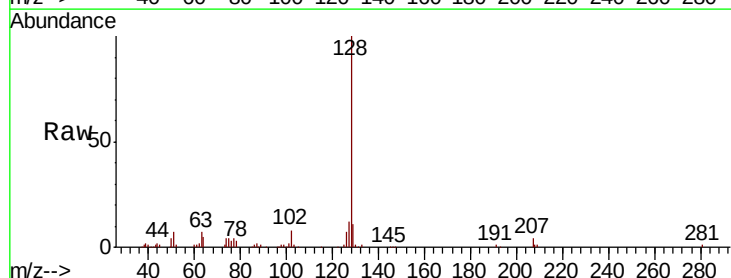
Tgt Ion:128 Resp: 123800

Ion Ratio Lower Upper

128 100

127 12.4 10.4 15.6

129 10.7 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

