

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050032.D
 Acq On : 24 Jul 2018 20:03
 Operator : MD\SY
 Sample : J4119-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GB-SOIL-PILE

Quant Time: Jul 25 01:21:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

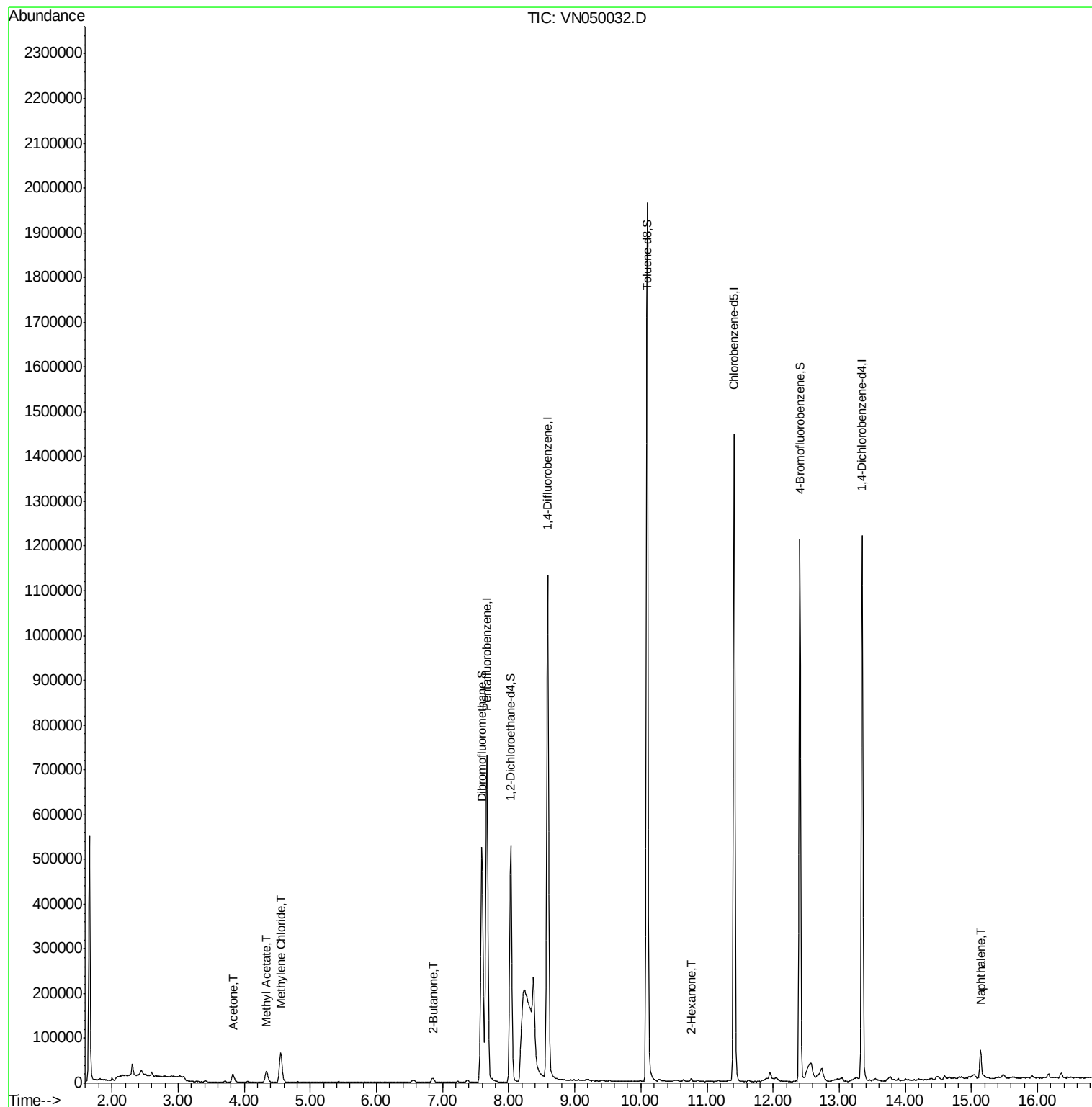
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	631523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1038474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347425	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	452069	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
35) Dibromofluoromethane	7.60	113	402763	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	10.09	98	1412418	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
62) 4-Bromofluorobenzene	12.40	95	403152	39.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.56%	
Target Compounds						
16) Acetone	3.83	43	32349	11.44	ug/l	97
18) Methyl Acetate	4.34	43	48168	4.48	ug/l	98
20) Methylene Chloride	4.55	84	48794	5.12	ug/l	99
25) 2-Butanone	6.85	43	15231	4.53	ug/l	100
59) 2-Hexanone	10.76	43	4052	5.85	ug/l	87
95) Naphthalene	15.14	128	55929	7.63	ug/l	99

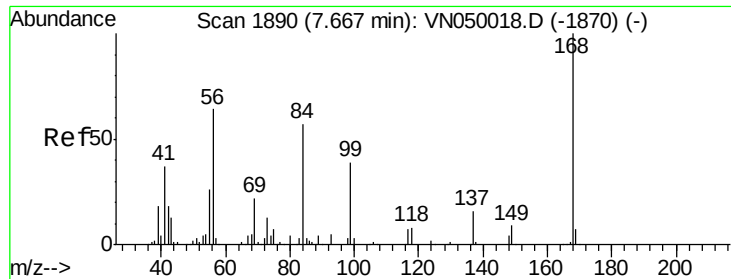
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072418\
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QLast Update : Tue Jul 24 06:27:04 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: VN050032.D

Acq: 24 Jul 2018 20:03

Instrument :

MSVOA_N

ClientSampled :

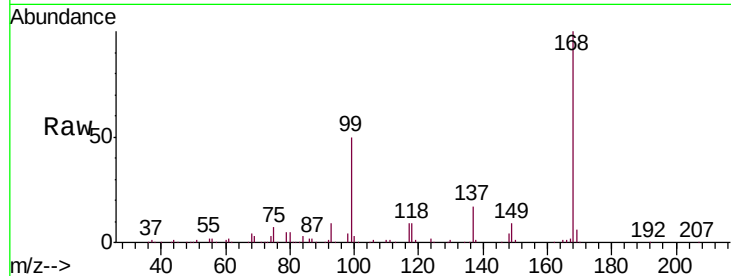
GB-SOIL-PILE

Tot Ion:168 Resp: 631523

Ion Ratio Lower Upper

168 100

99 50.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

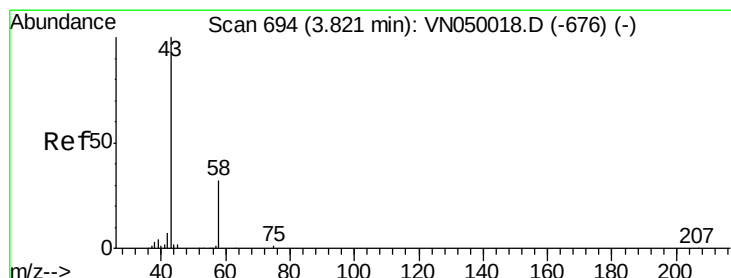
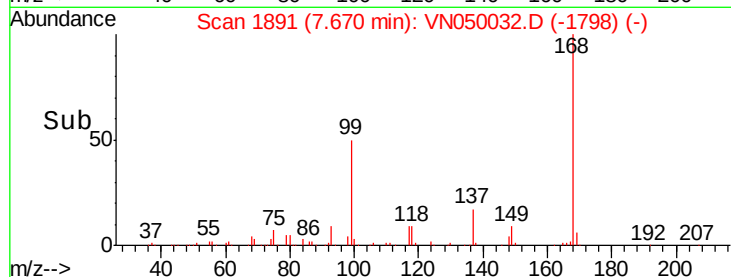
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.44 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050032.D

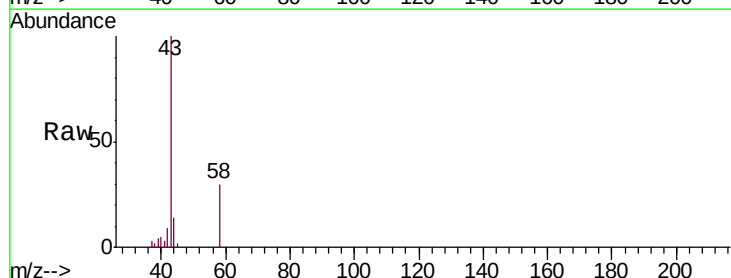
Acq: 24 Jul 2018 20:03

Tgt Ion: 43 Resp: 32349

Ion Ratio Lower Upper

43 100

58 30.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

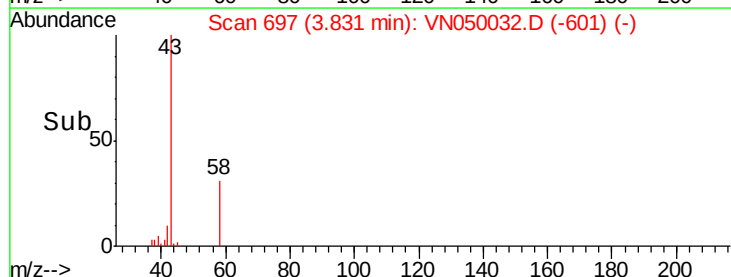
3.83

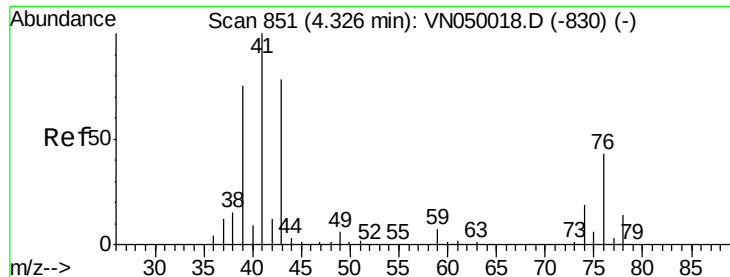
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5000

0

Time-->

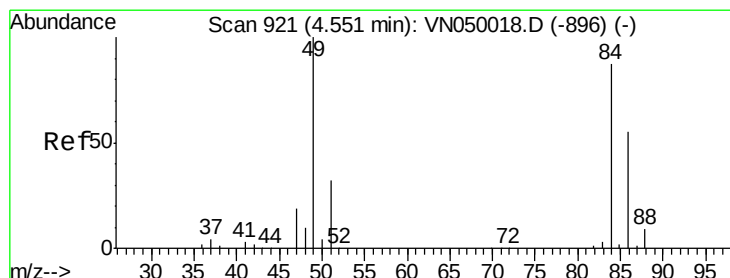
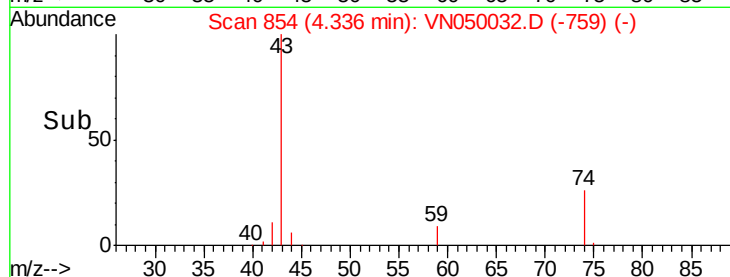
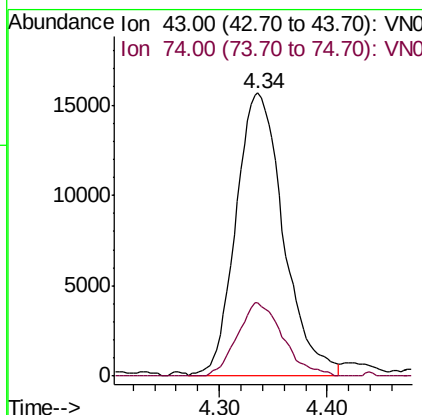
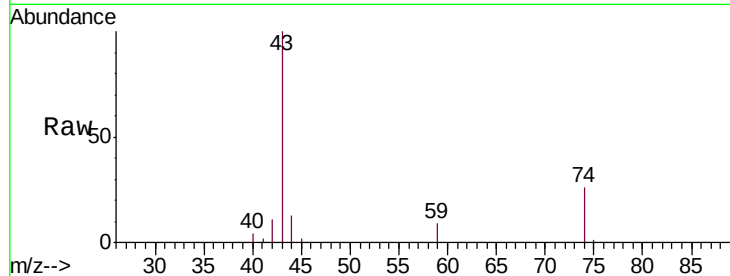




#18
Methvl Acetate
Concen: 4.48 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050032.D
Acq: 24 Jul 2018 20:03

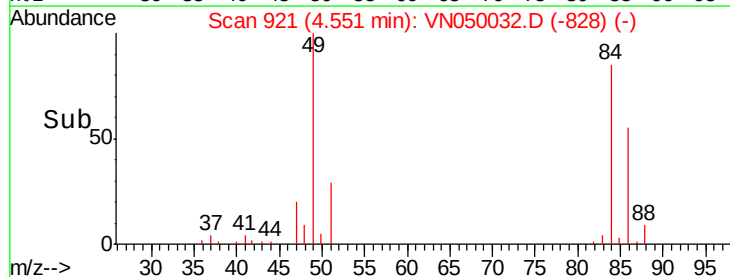
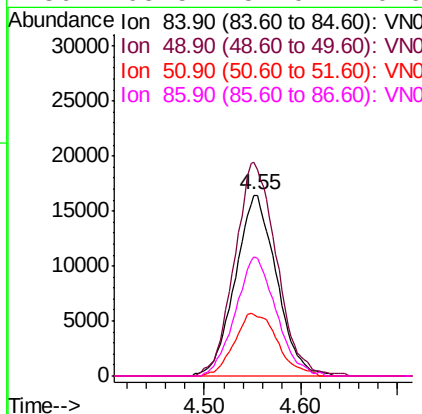
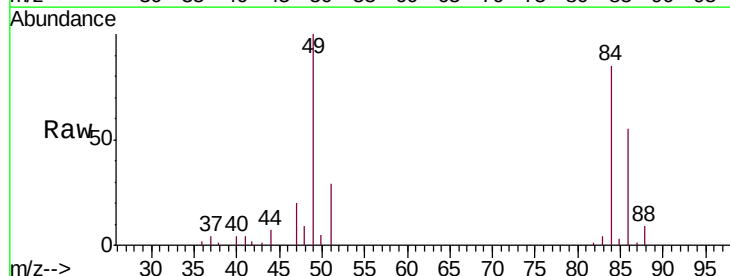
Instrument :
MSVOA_N
ClientSampleId :
GB-SOIL-PILE

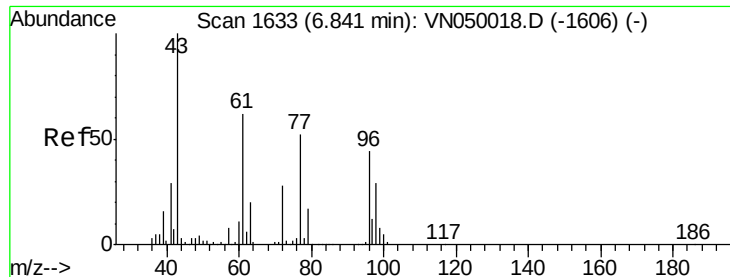
Tot Ion: 43 Resp: 48168
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8



#20
Methylene Chloride
Concen: 5.12 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050032.D
Acq: 24 Jul 2018 20:03

Tgt Ion: 84 Resp: 48794
Ion Ratio Lower Upper
84 100
49 118.0 94.8 142.2
51 33.8 28.3 42.5
86 65.5 51.0 76.6

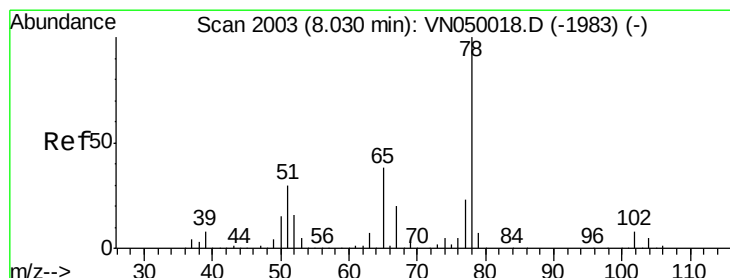
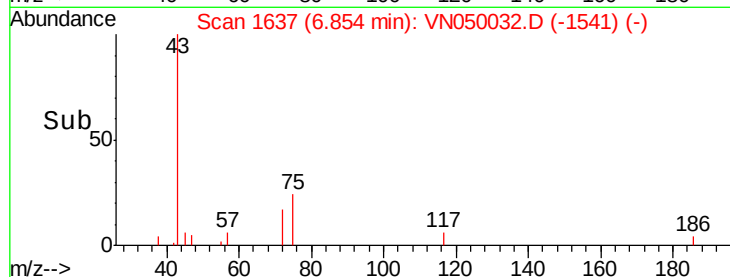
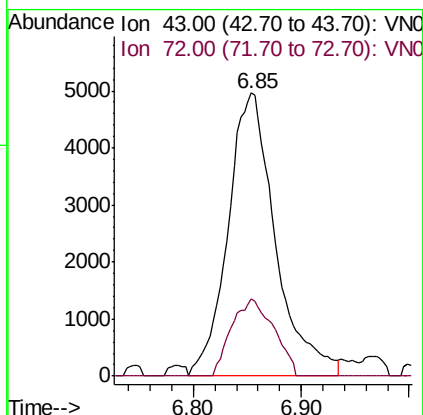
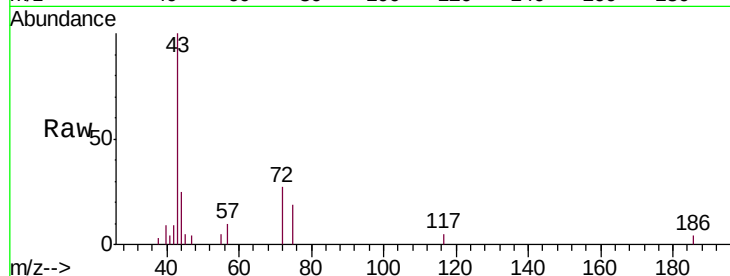




#25
2-Butanone
Concen: 4.53 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050032.D
Acq: 24 Jul 2018 20:03

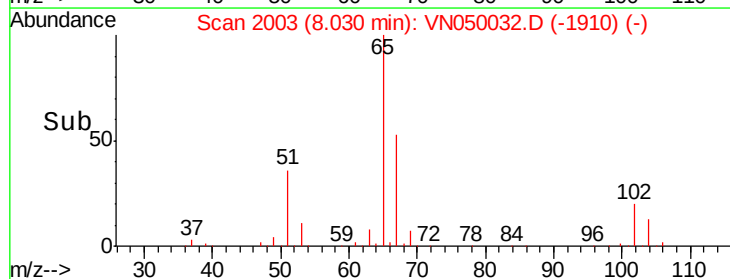
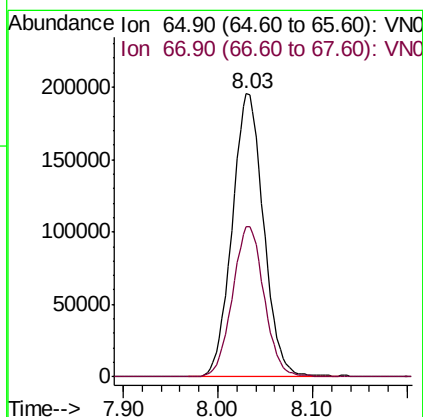
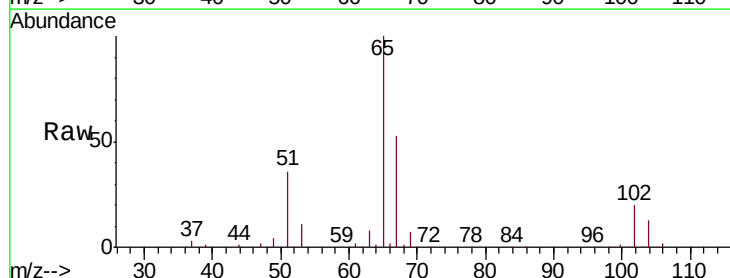
Instrument :
MSVOA_N
ClientSampled :
GB-SOIL-PILE

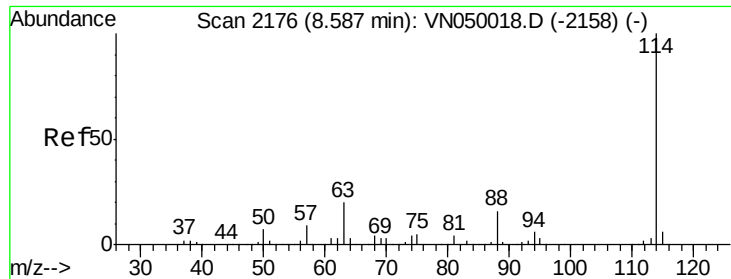
Tot Ion: 43 Resp: 15231
Ion Ratio Lower Upper
43 100
72 27.1 21.5 32.3



#33
1,2-Dichloroethane-d4
Concen: 51.31 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050032.D
Acq: 24 Jul 2018 20:03

Tgt Ion: 65 Resp: 452069
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.4

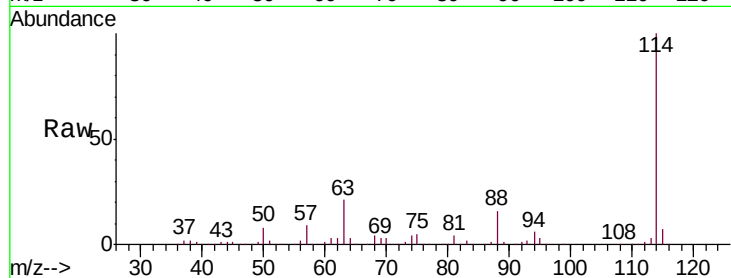




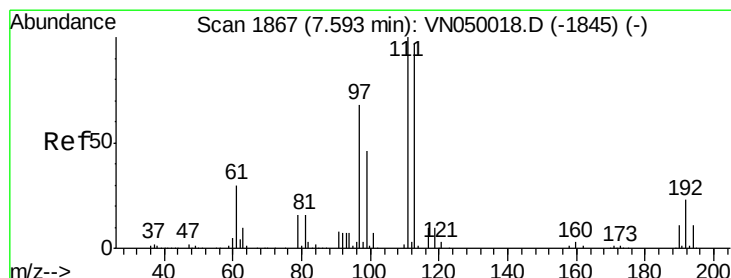
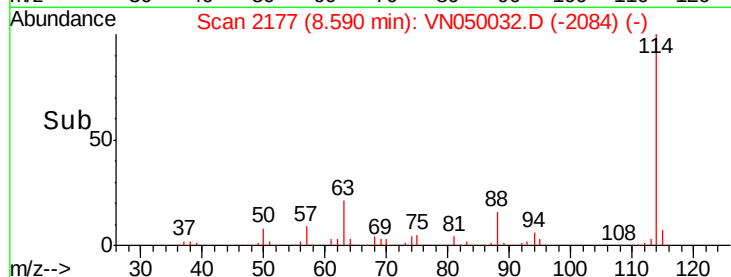
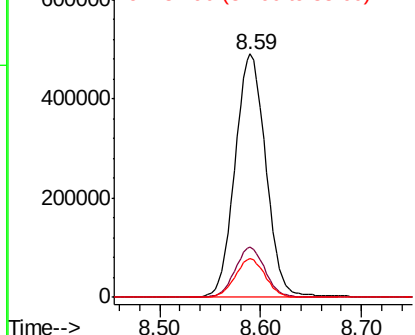
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050032.D
 Acq: 24 Jul 2018 20:03

Instrument :
 MSVOA_N
 ClientSampleId :
 GB-SOIL-PILE

Tot Ion:114 Resp: 1038474
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.0
 88 15.8 0.0 31.2

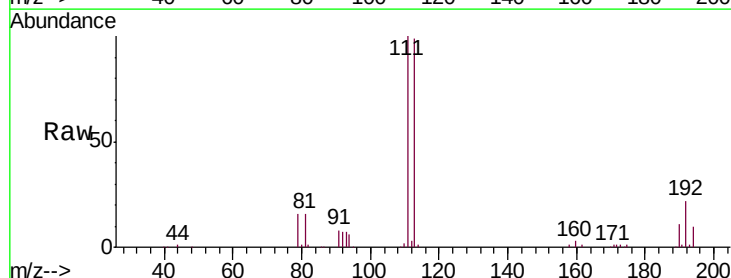


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

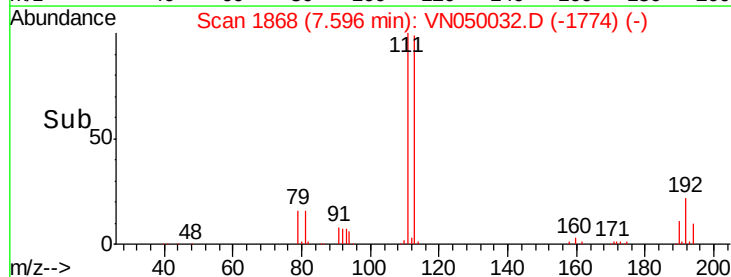
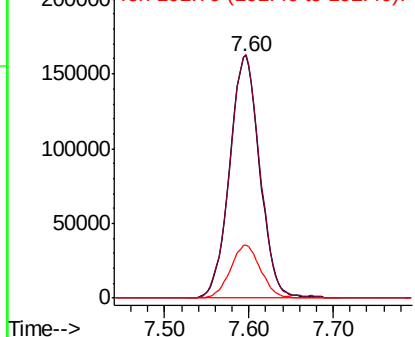


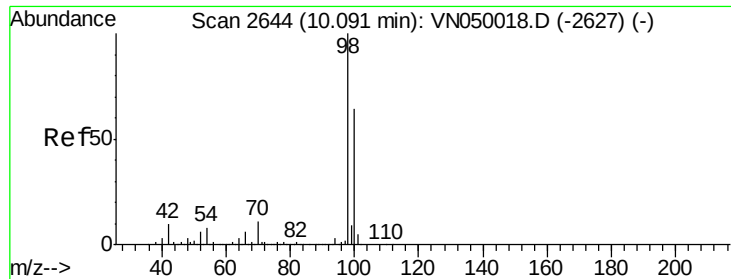
#35
 Dibromofluoromethane
 Concen: 47.50 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050032.D
 Acq: 24 Jul 2018 20:03

Tgt Ion:113 Resp: 402763
 Ion Ratio Lower Upper
 113 100
 111 100.2 80.7 121.1
 192 22.0 17.8 26.6



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

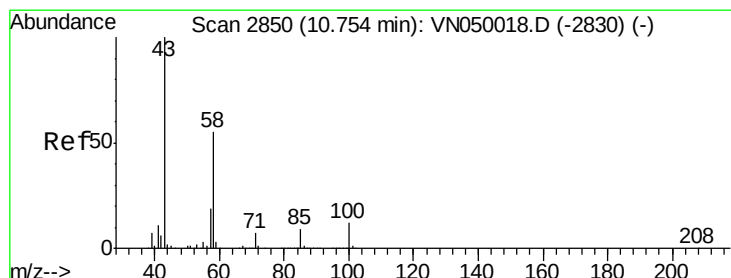
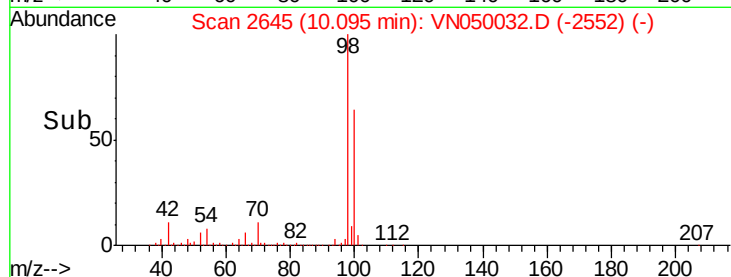
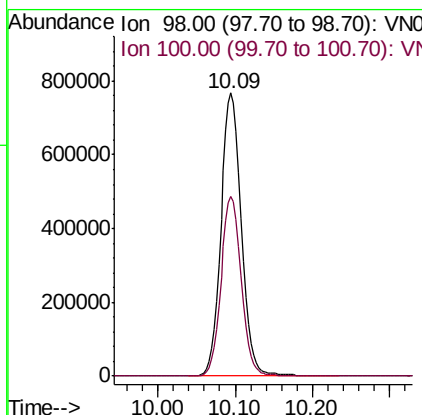
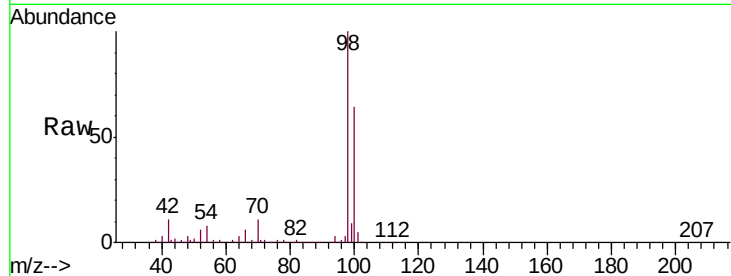




#50
Toluene-d8
Concen: 45.31 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050032.D
Acq: 24 Jul 2018 20:03

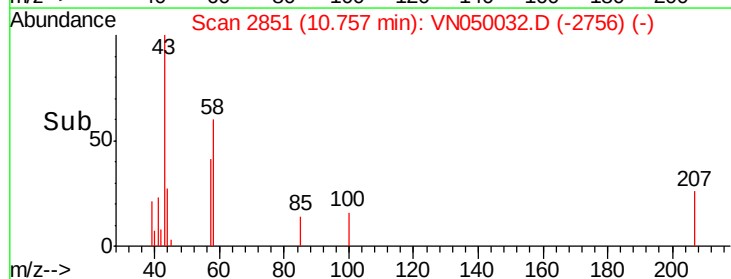
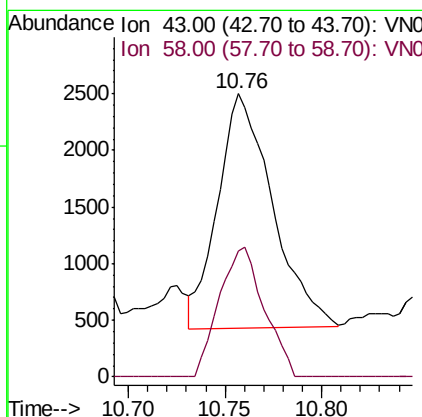
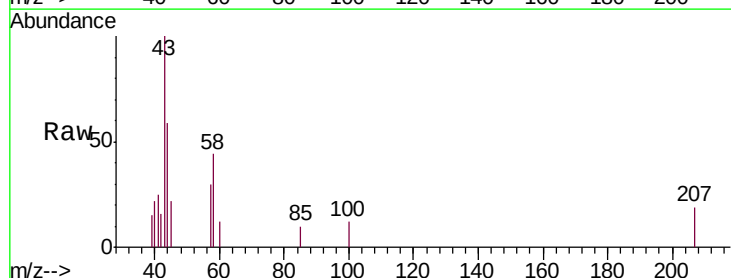
Instrument :
MSVOA_N
ClientSampled :
GB-SOIL-PILE

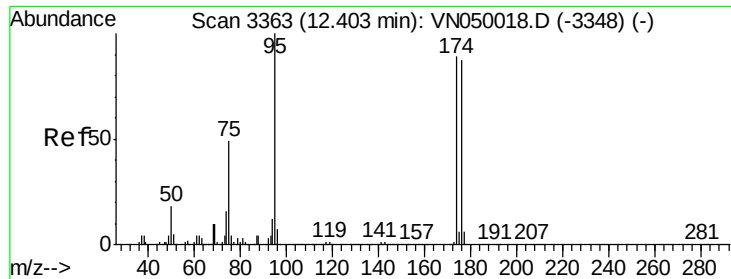
Tot Ion: 98 Resp: 1412418
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



#59
2-Hexanone
Concen: 5.85 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050032.D
Acq: 24 Jul 2018 20:03

Tgt Ion: 43 Resp: 4052
Ion Ratio Lower Upper
43 100
58 45.6 27.6 82.7

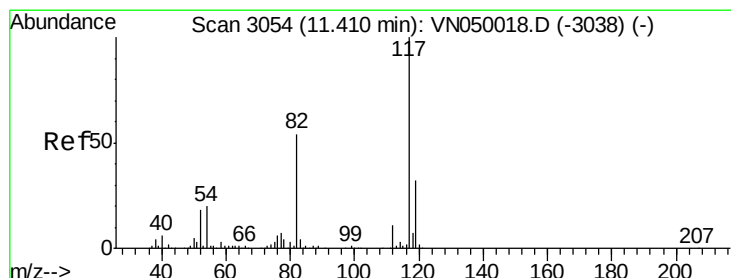
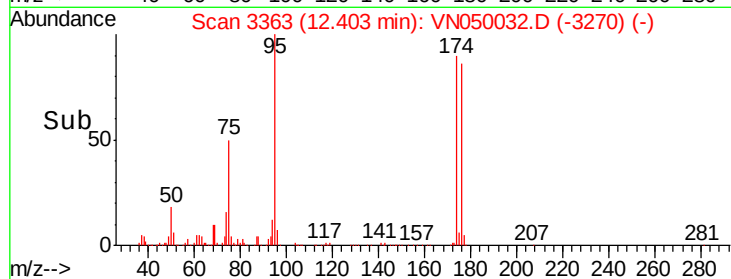
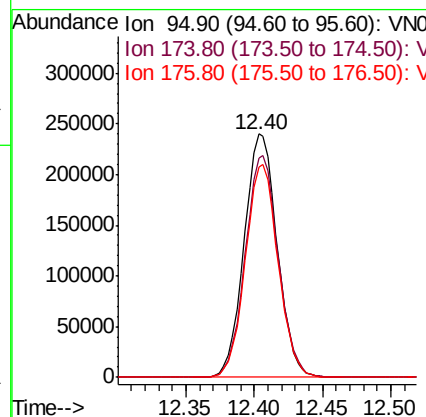
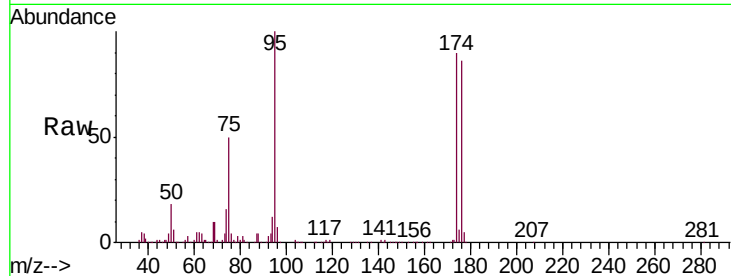




#62
4-Bromofluorobenzene
Concen: 39.28 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050032.D
Acq: 24 Jul 2018 20:03

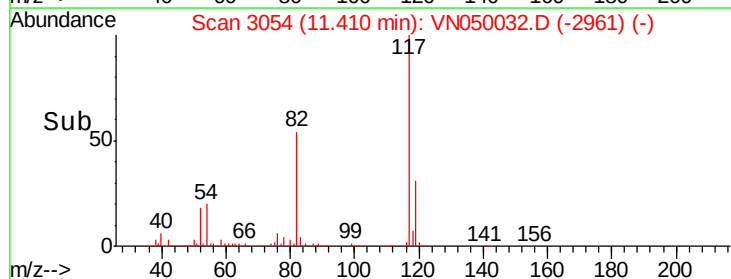
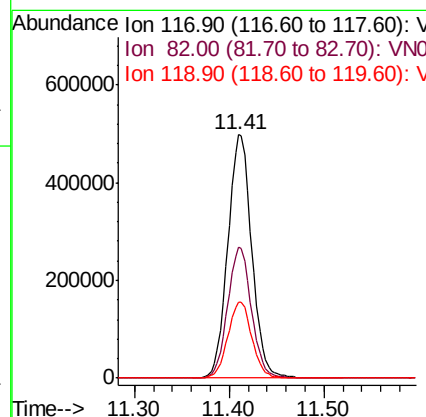
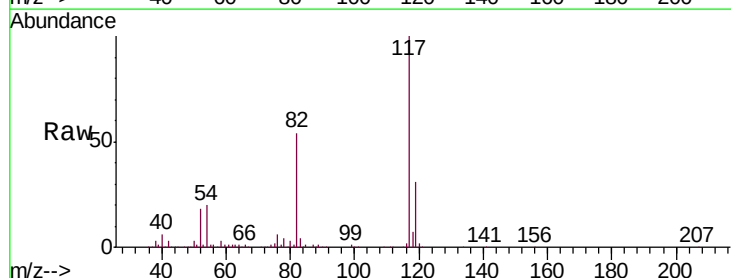
Instrument :
MSVOA_N
ClientSampleId :
GB-SOIL-PILE

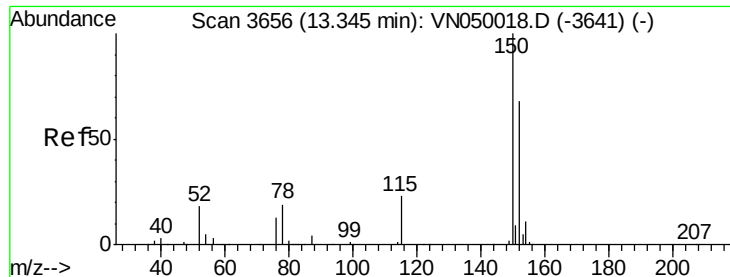
Tot Ion: 95 Resp: 403152
Ion Ratio Lower Upper
95 100
174 91.2 0.0 178.2
176 86.9 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050032.D
Acq: 24 Jul 2018 20:03

Tgt Ion: 117 Resp: 874989
Ion Ratio Lower Upper
117 100
82 53.8 43.7 65.5
119 31.3 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: VN050032.D

Acq: 24 Jul 2018 20:03

Instrument :

MSVOA_N

ClientSampleId :

GB-SOIL-PILE

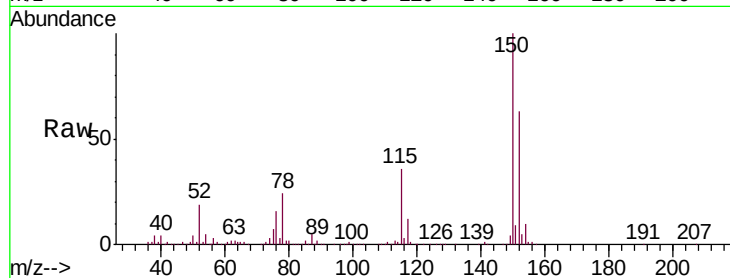
Tot Ion:152 Resp: 347425

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

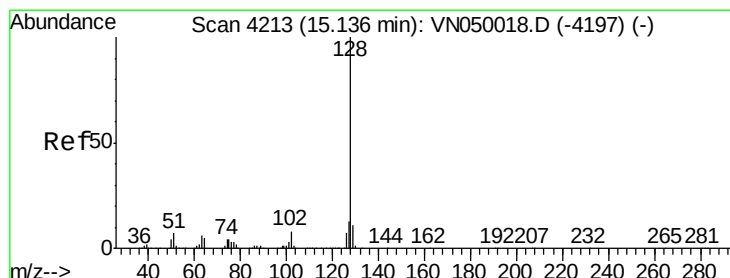
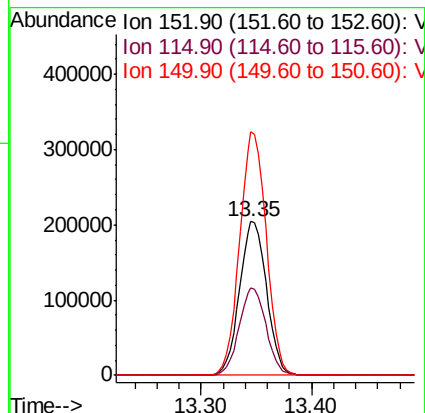
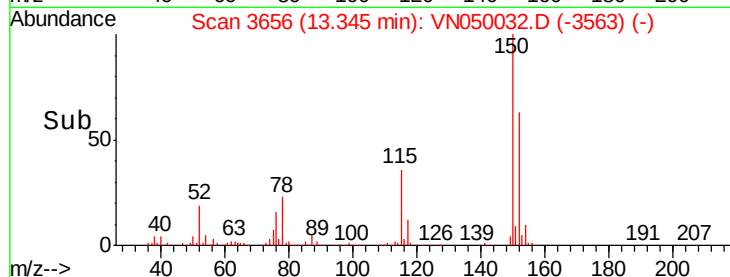
150 155.5 0.0 348.6



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: 7.63 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN050032.D

Acq: 24 Jul 2018 20:03

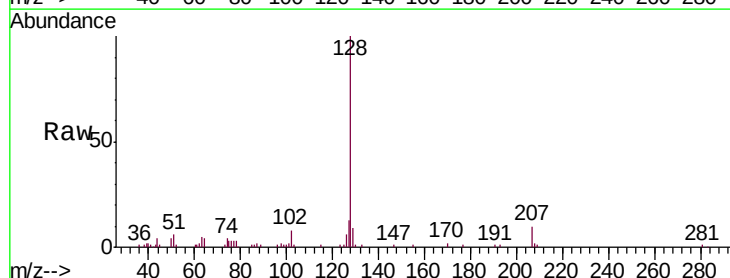
Tgt Ion:128 Resp: 55929

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 10.9 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

