

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049451.D
 Acq On : 20 Jun 2018 21:47
 Operator : MD\SY
 Sample : J3594-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HC-SOIL-3

Quant Time: Jun 21 03:07:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

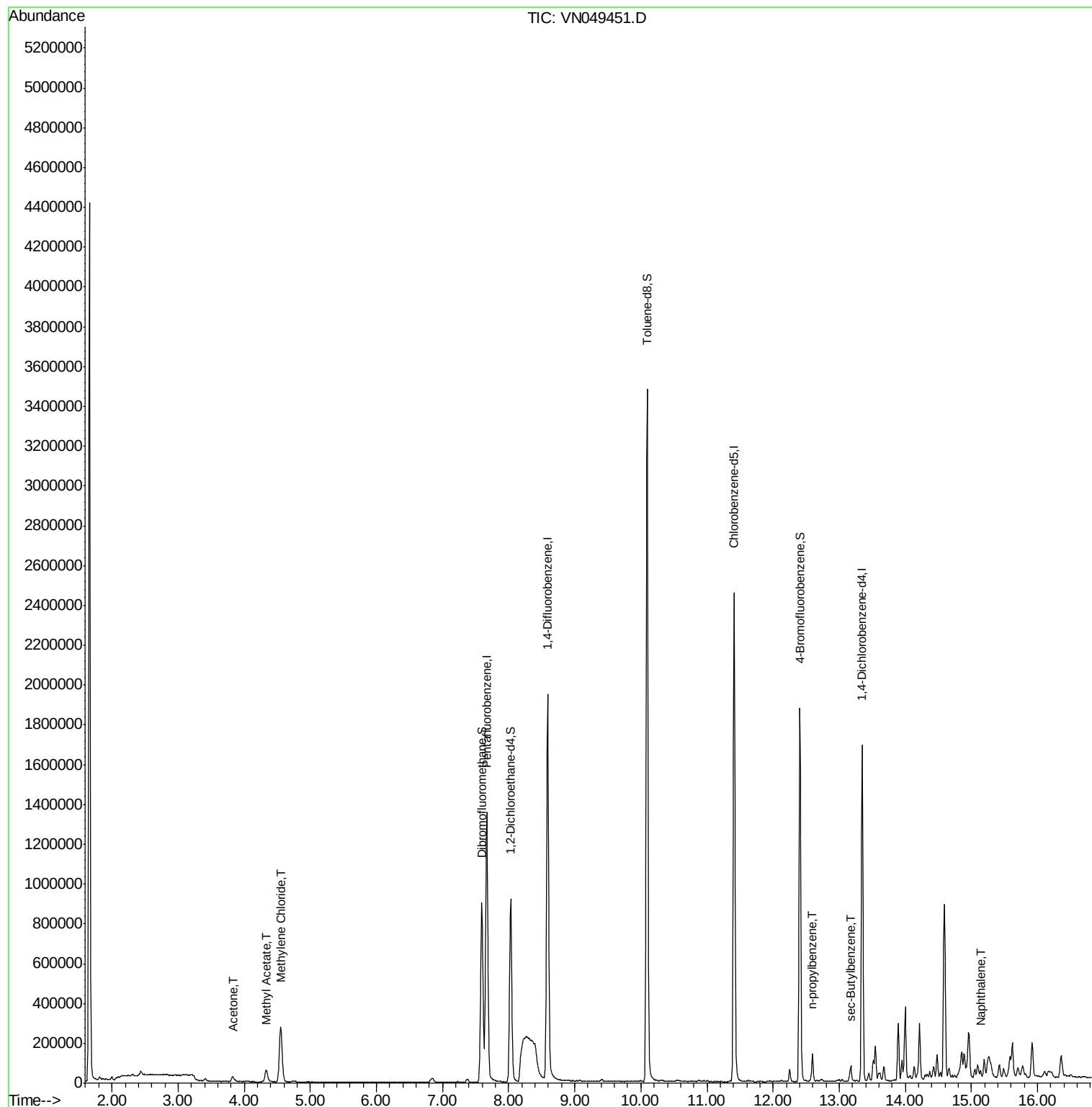
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1162841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1857481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1500012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	487555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	789876	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
35) Dibromofluoromethane	7.59	113	694485	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
50) Toluene-d8	10.09	98	2515445	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
62) 4-Bromofluorobenzene	12.41	95	656914	34.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.44%	
Target Compounds						
16) Acetone	3.82	43	43960	11.74	ug/l	99
18) Methyl Acetate	4.33	43	119566	10.47	ug/l	96
20) Methylene Chloride	4.55	84	209749	13.41	ug/l	90
78) n-propylbenzene	12.60	91	102223	2.17	ug/l	99
85) sec-Butylbenzene	13.17	105	46590	1.17	ug/l	83
95) Naphthalene	15.14	128	26649	4.04	ug/l #	91

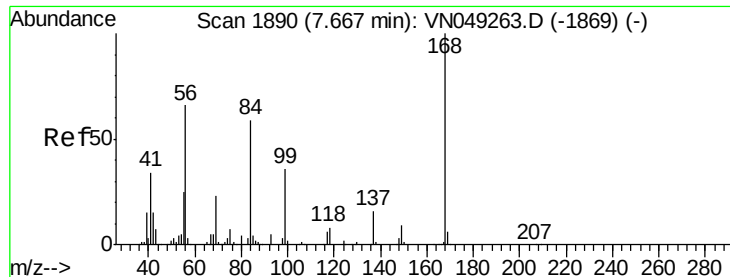
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\
Data File : VN049451.D
Acq On : 20 Jun 2018 21:47
Operator : MD\SY
Sample : J3594-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HC-SOIL-3

Quant Time: Jun 21 03:07:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 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: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

ClientSampled :

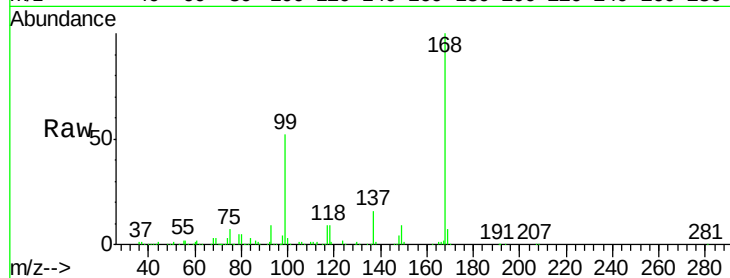
HC-SOIL-3

Tot Ion:168 Resp: 1162841

Ion Ratio Lower Upper

168 100

99 52.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

300000

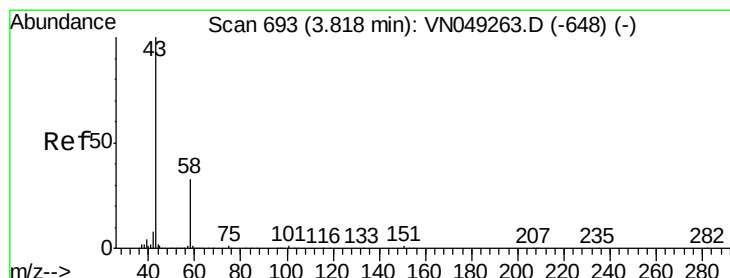
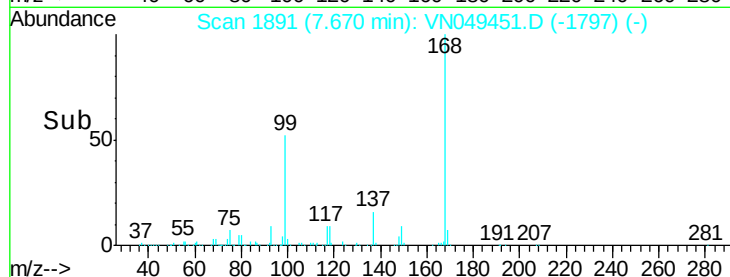
200000

100000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 11.74 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049451.D

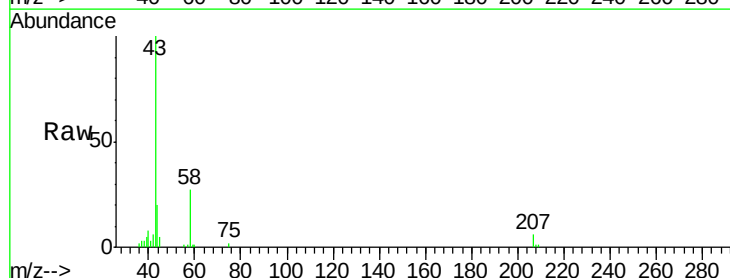
Acq: 20 Jun 2018 21:47

Tgt Ion: 43 Resp: 43960

Ion Ratio Lower Upper

43 100

58 27.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

20000

15000

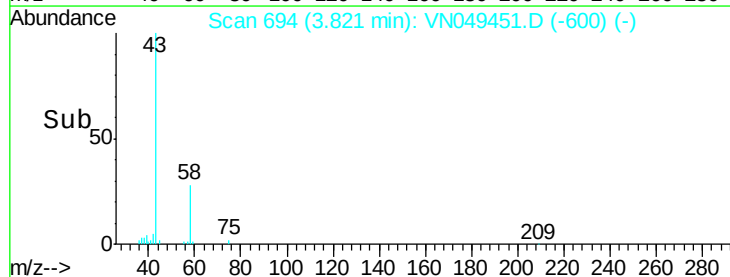
10000

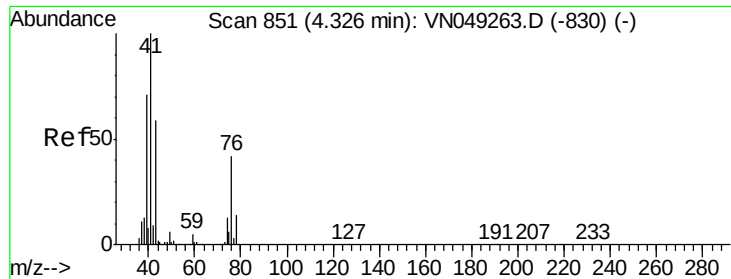
5000

0

Time-->

3.70 3.80 3.90

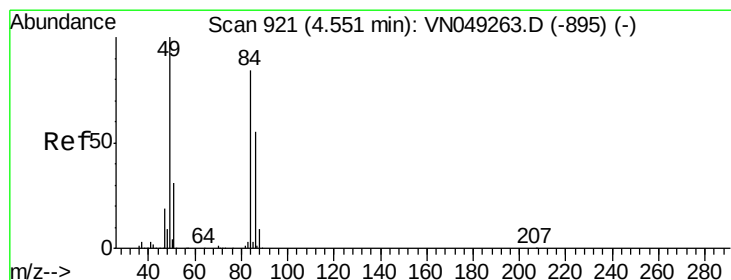
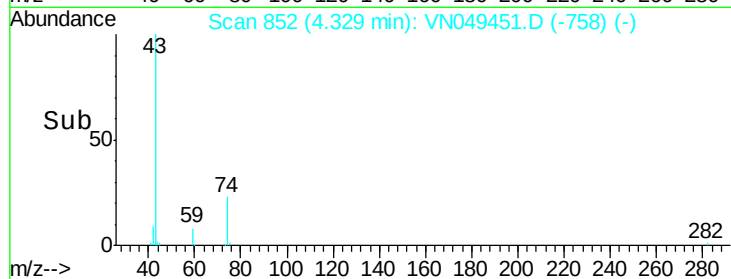
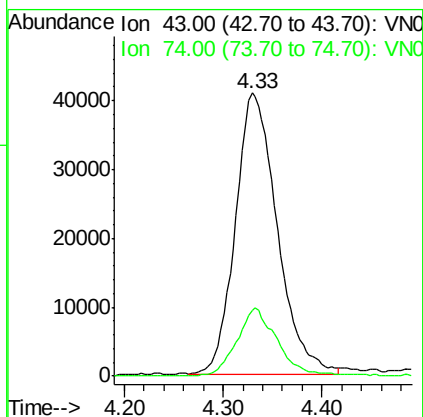
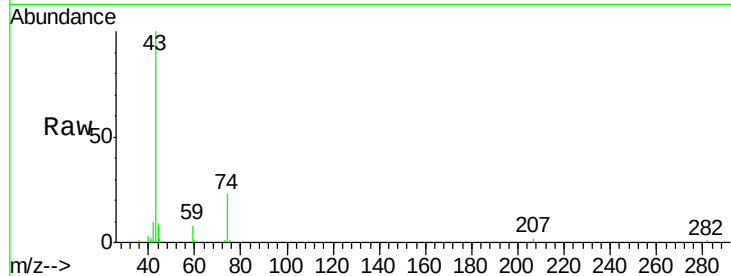




#18
Methvl Acetate
Concen: 10.47 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049451.D
Acq: 20 Jun 2018 21:47

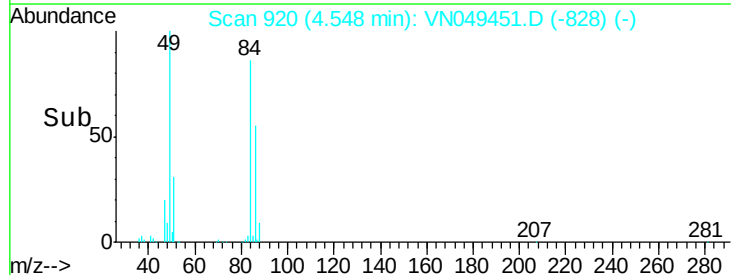
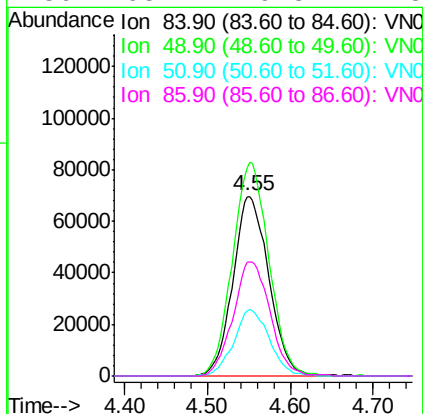
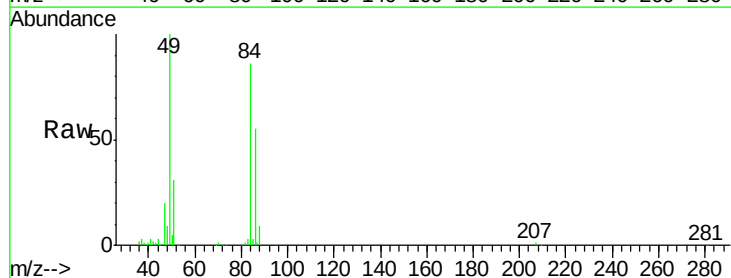
Instrument :
MSVOA_N
ClientSampleId :
HC-SOIL-3

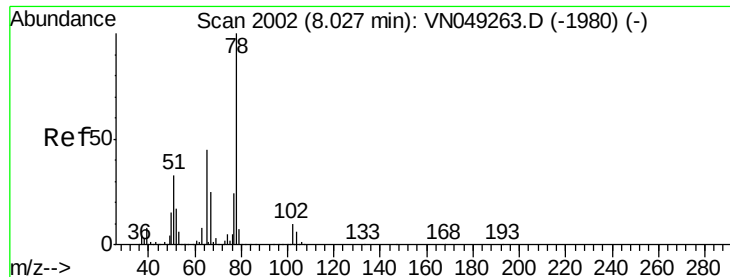
Tot Ion: 43 Resp: 119566
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0



#20
Methylene Chloride
Concen: 13.41 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049451.D
Acq: 20 Jun 2018 21:47

Tgt Ion: 84 Resp: 209749
Ion Ratio Lower Upper
84 100
49 116.0 106.9 160.3
51 36.4 32.7 49.1
86 63.2 49.8 74.8

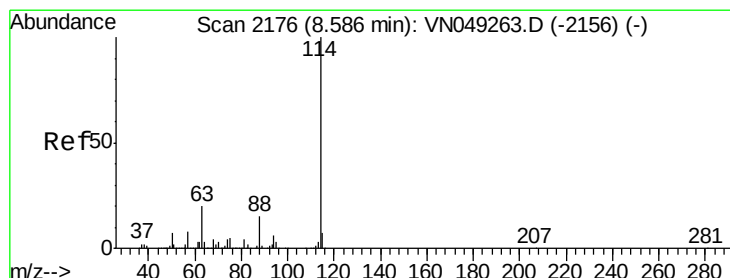
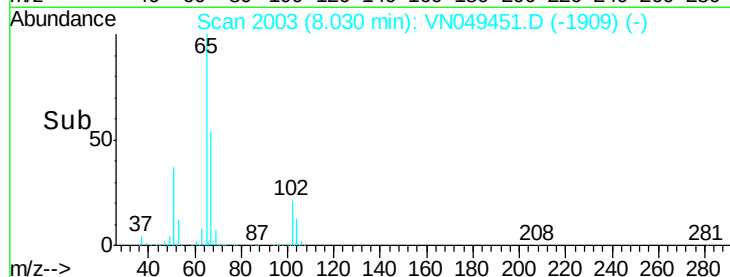
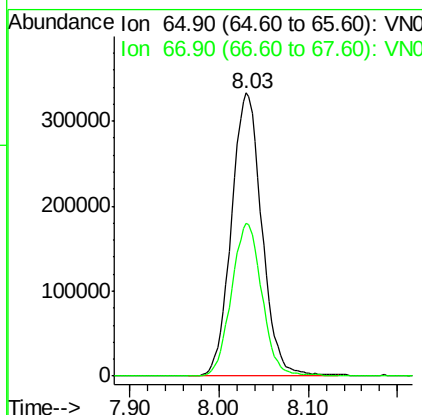
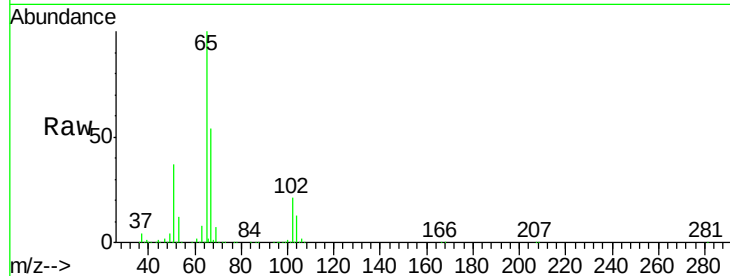




#33
 1,2-Dichloroethane-d4
 Concen: 51.21 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049451.D
 Acq: 20 Jun 2018 21:47

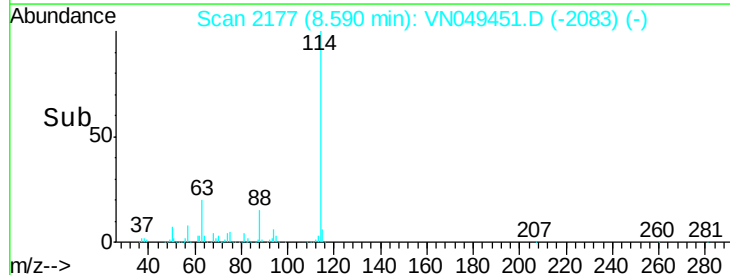
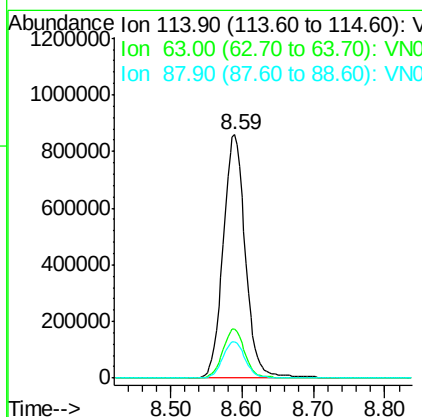
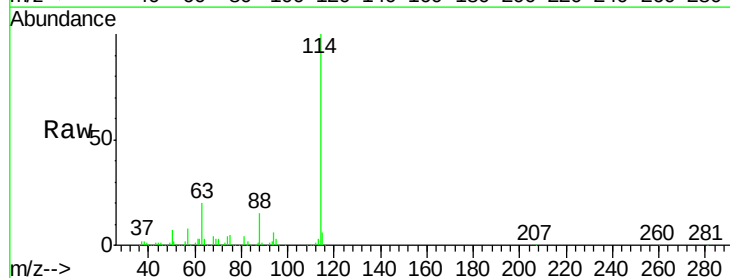
Instrument :
 MSVOA_N
 ClientSampleId :
 HC-SOIL-3

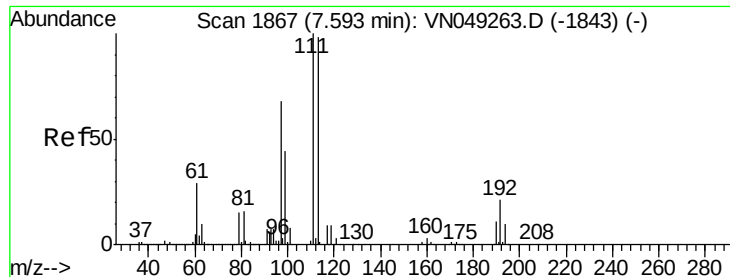
Tot Ion: 65 Resp: 789876
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049451.D
 Acq: 20 Jun 2018 21:47

Tgt Ion: 114 Resp: 1857481
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.1 0.0 31.4

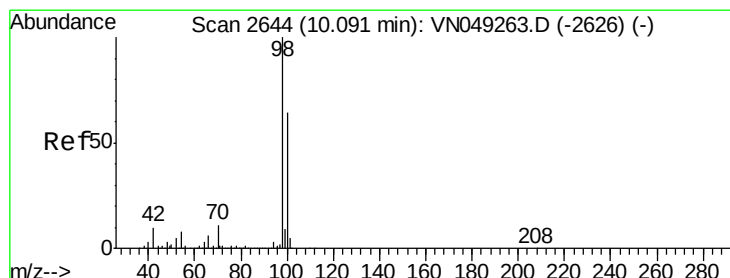
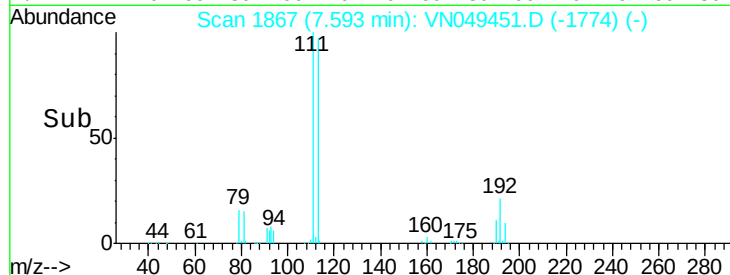
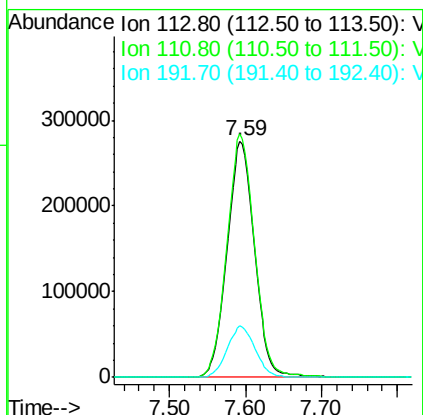
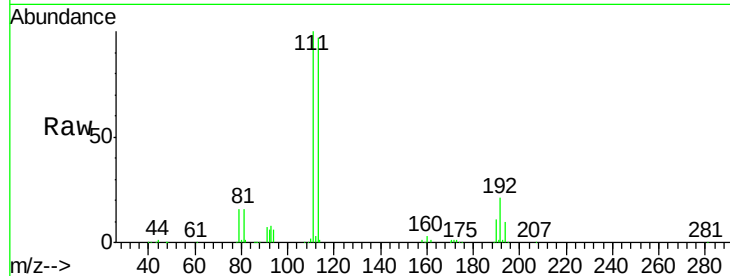




#35
 Dibromofluoromethane
 Concen: 46.21 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049451.D
 Acq: 20 Jun 2018 21:47

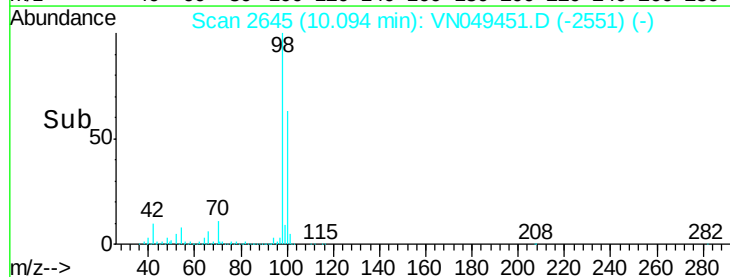
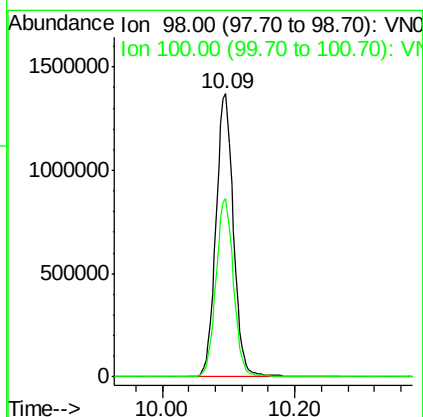
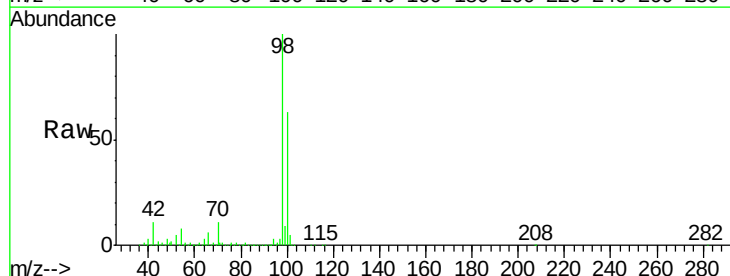
Instrument :
 MSVOA_N
 ClientSampleId :
 HC-SOIL-3

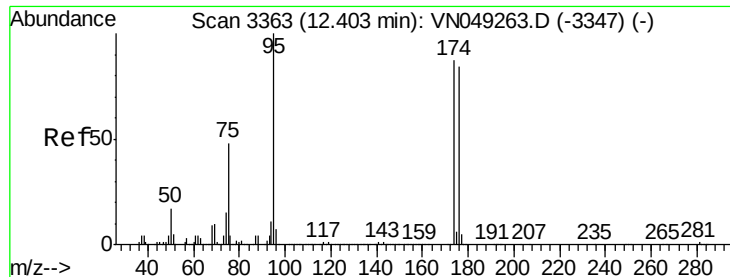
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	21.9	15.0	22.6



#50
 Toluene-d8
 Concen: 43.96 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049451.D
 Acq: 20 Jun 2018 21:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	49.8	74.8





#62

4-Bromofluorobenzene

Concen: 34.72 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

ClientSampled :

HC-SOIL-3

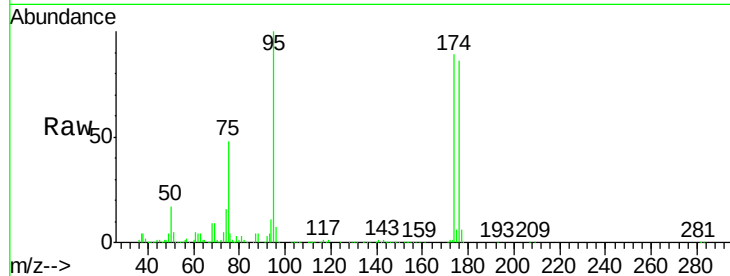
Tot Ion: 95 Resp: 656914

Ion Ratio Lower Upper

95 100

174 89.8 0.0 165.6

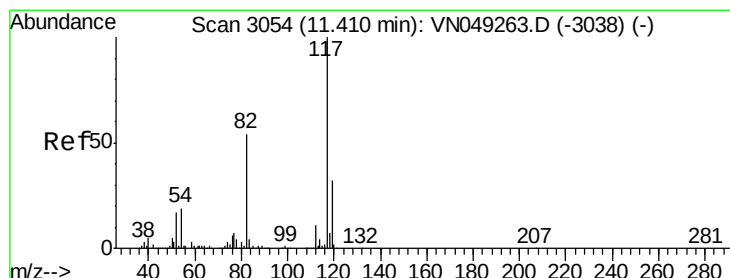
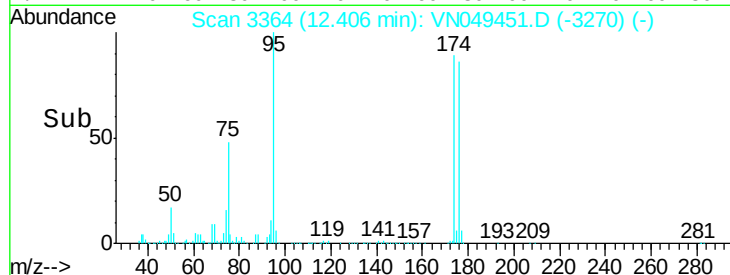
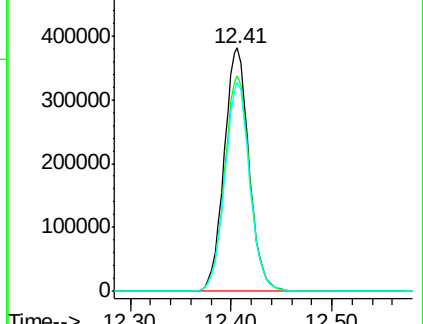
176 85.9 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049451.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049451.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049451.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

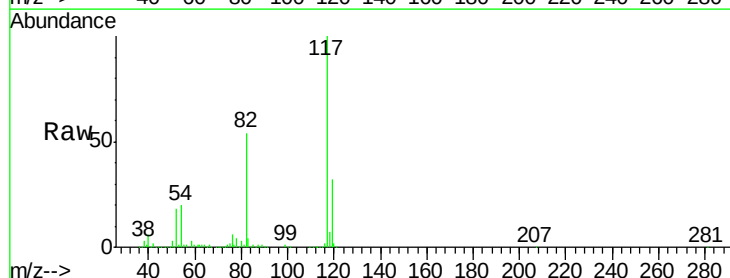
Tgt Ion: 117 Resp: 1500012

Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

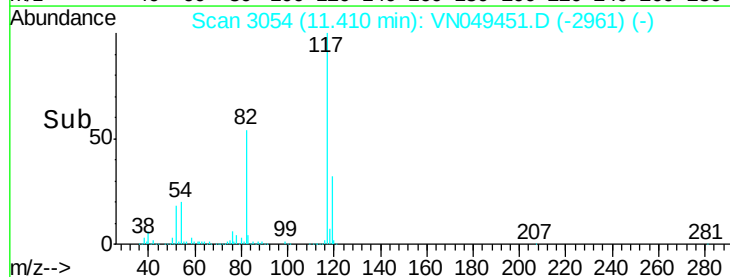
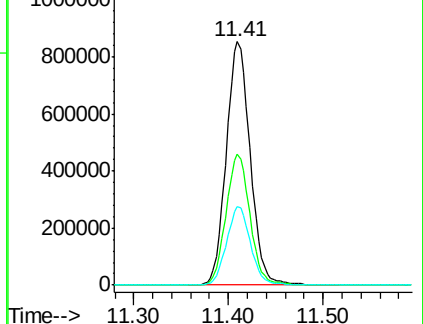
119 32.3 25.5 38.3

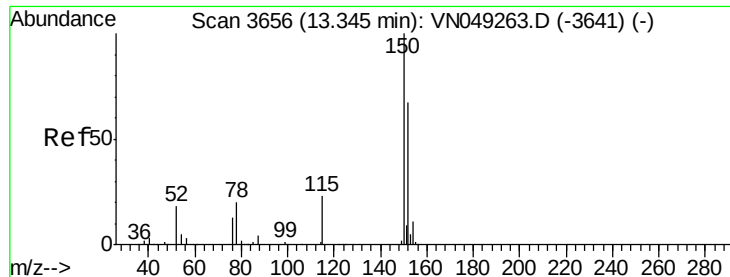


Abundance Ion 116.90 (116.60 to 117.60): VN049451.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049451.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049451.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

ClientSampled :

HC-SOIL-3

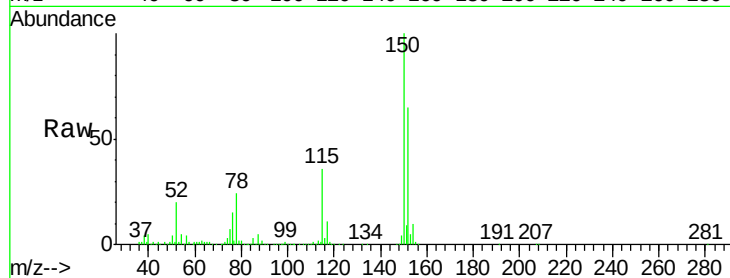
Tot Ion:152 Resp: 487555

Ion Ratio Lower Upper

152 100

115 56.1 28.7 86.1

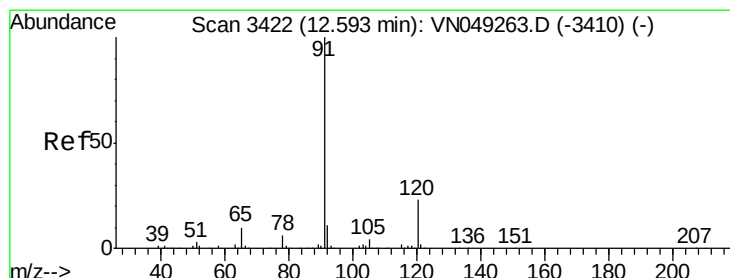
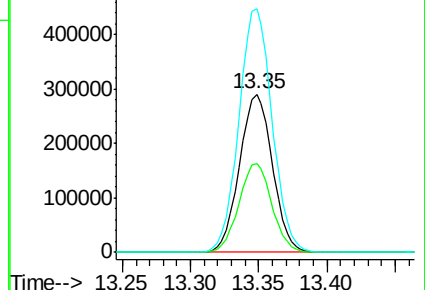
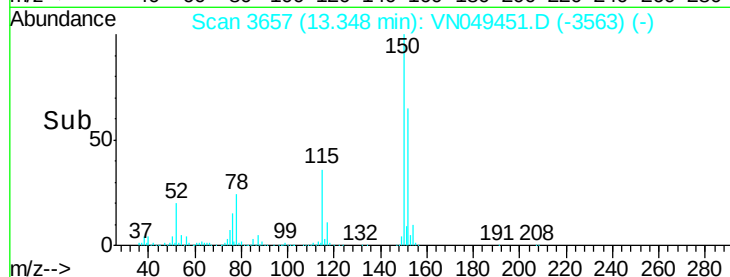
150 155.1 0.0 351.0



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



#78

n-propylbenzene

Concen: 2.17 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN049451.D

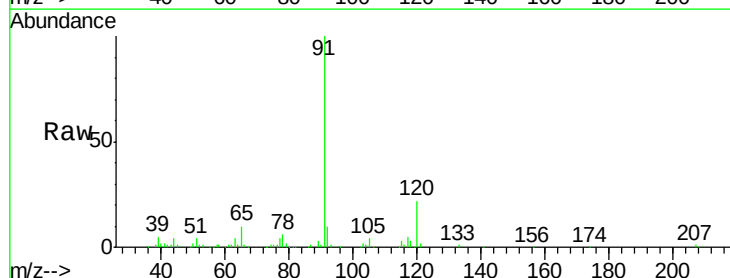
Acq: 20 Jun 2018 21:47

Tgt Ion: 91 Resp: 102223

Ion Ratio Lower Upper

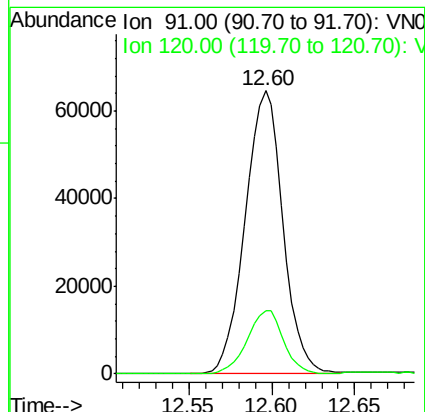
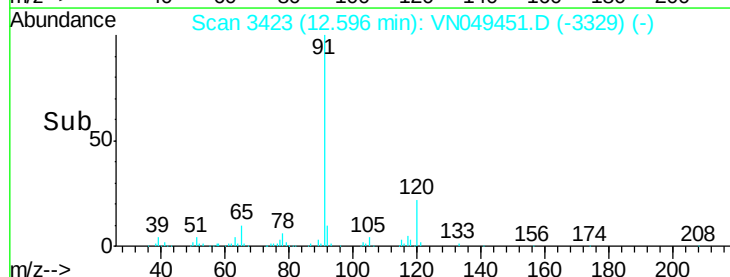
91 100

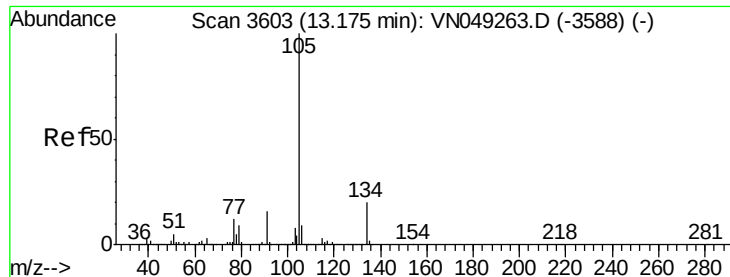
120 21.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.17 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

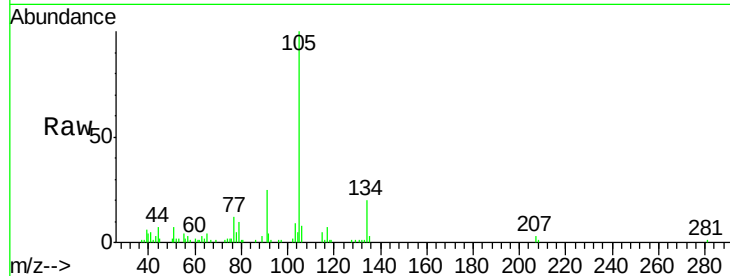
HC-SOIL-3

Tot Ion:105 Resp: 46590

Ion Ratio Lower Upper

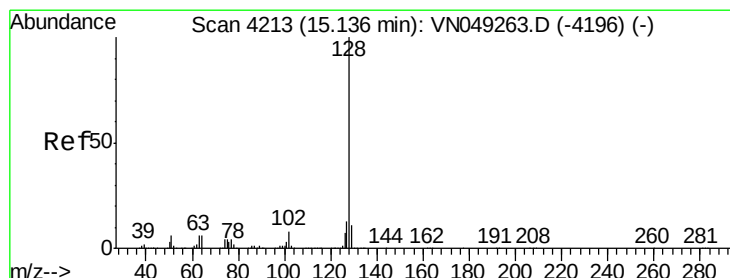
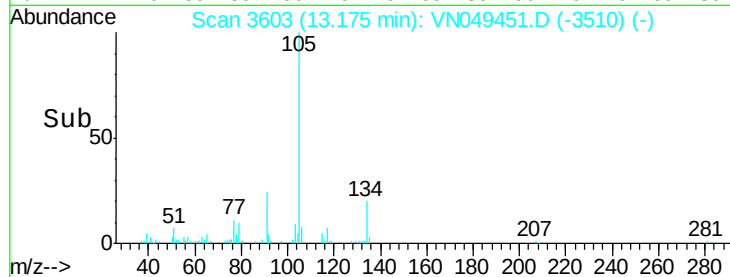
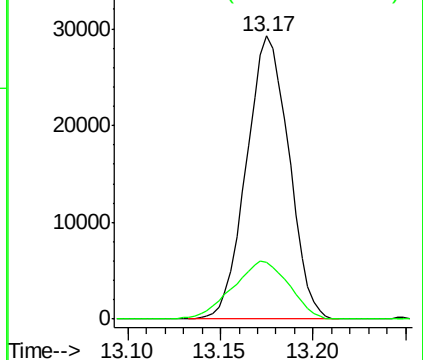
105 100

134 27.0 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 4.04 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

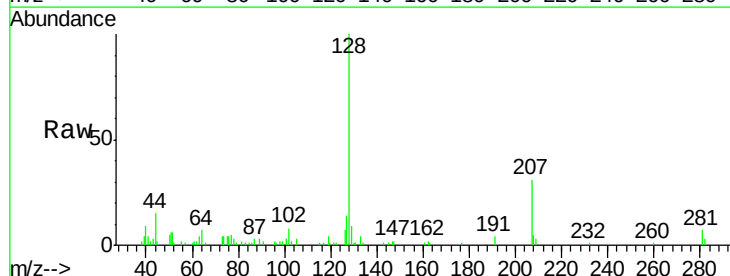
Tgt Ion:128 Resp: 26649

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 3.3 8.5 12.7#



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

