

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
 Data File : VU028397.D
 Acq On : 29 Nov 2018 16:33
 Operator : MD/SY
 Sample : J6085-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 NS-OILY-STONE

Quant Time: Nov 30 07:45:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

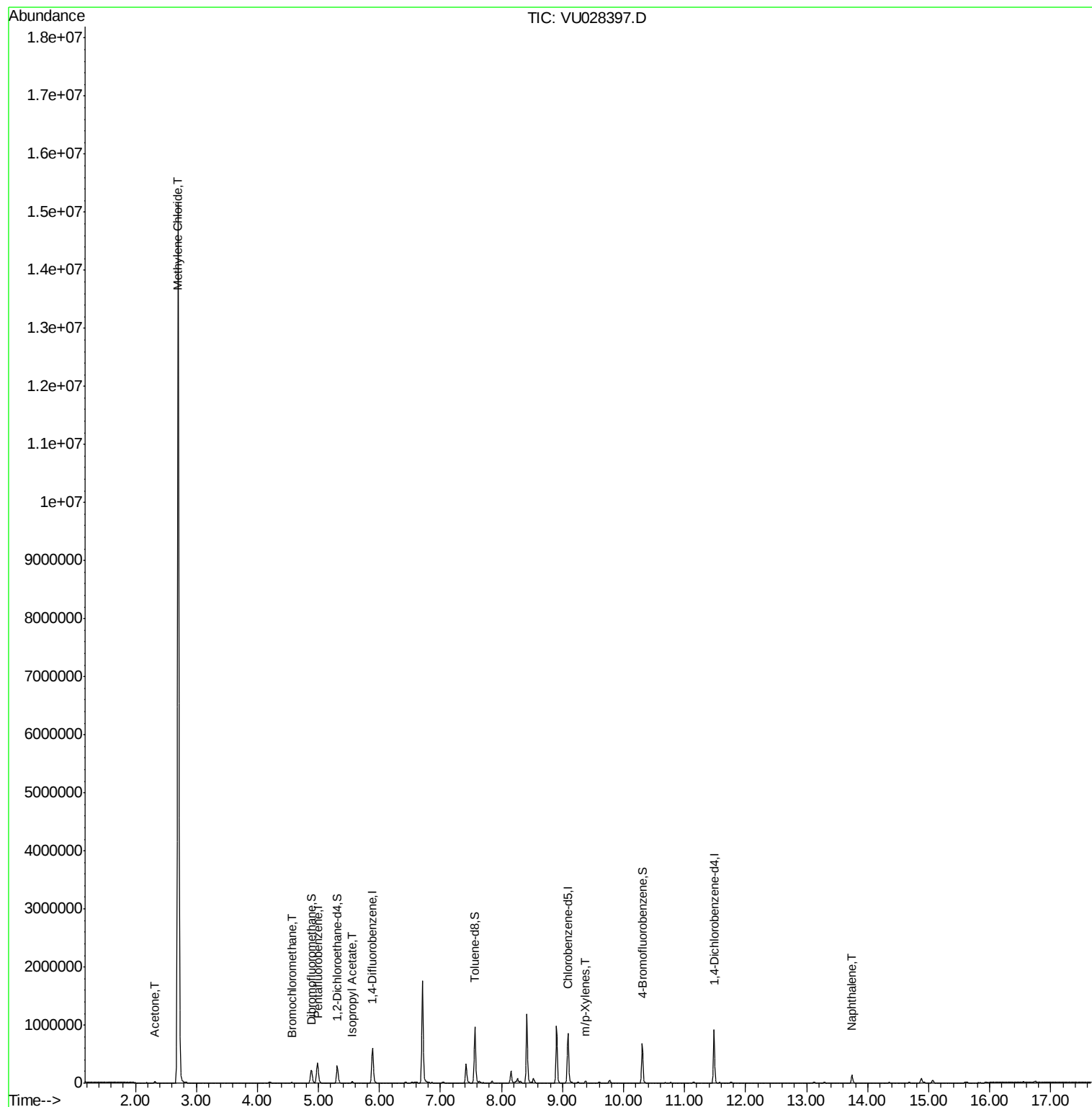
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	249080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	467946	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	444699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	211906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	220035	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
35) Dibromofluoromethane	4.88	113	156917	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	7.57	98	621907	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	10.30	95	229257	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
Target Compounds						
16) Acetone	2.32	43	22768	8.941	ug/l	98
20) Methylene Chloride	2.70	84	5752076	1603.805	ug/l	100
28) Bromochloromethane	4.56	49	6392	1.894	ug/l #	96
43) Isopropyl Acetate	5.55	43	28746	2.600	ug/l	99
68) m/p-Xylenes	9.38	106	9956	1.590	ug/l	98
95) Naphthalene	13.74	128	104073	8.340	ug/l	100

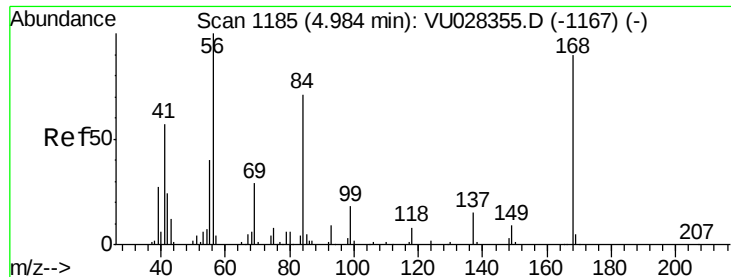
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028397.D

Acq: 29 Nov 2018 16:33

Instrument :

MSVOA_U

ClientSampleId :

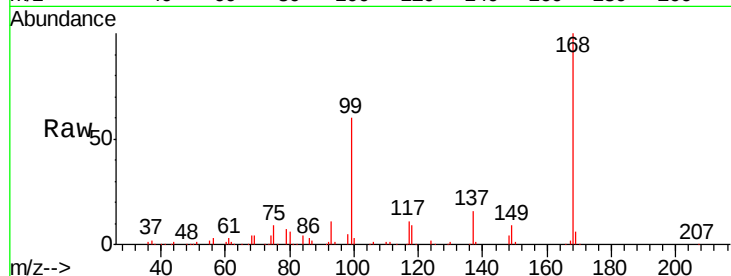
NS-OILY-STONE

Tgt Ion:168 Resp: 249080

Ion Ratio Lower Upper

168 100

99 60.2 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D

Ion 98.90 (98.60 to 99.60): VU028397.D

4.98

120000

100000

80000

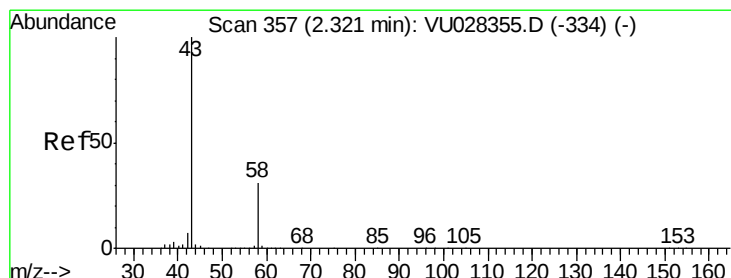
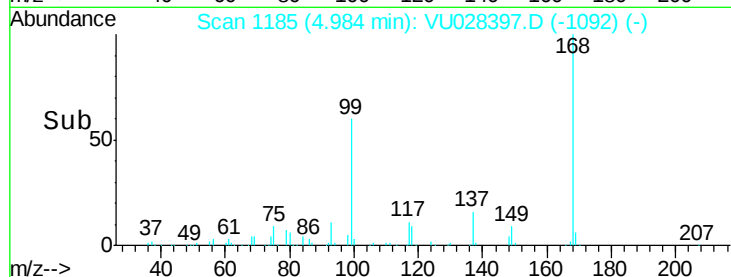
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.941 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028397.D

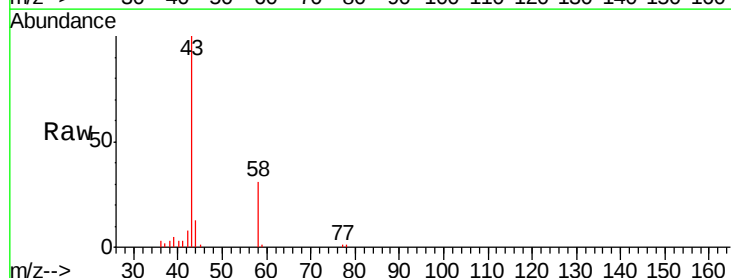
Acq: 29 Nov 2018 16:33

Tgt Ion: 43 Resp: 22768

Ion Ratio Lower Upper

43 100

58 31.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D

Ion 58.00 (57.70 to 58.70): VU028397.D

2.32

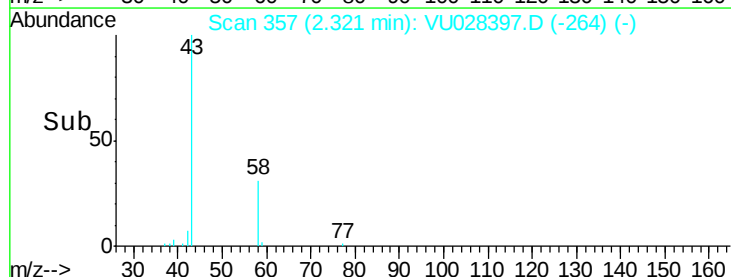
15000

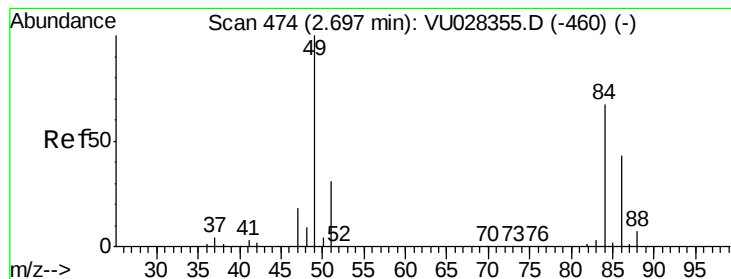
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 1603.805 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU028397.D

Acq: 29 Nov 2018 16:33

Instrument :

MSVOA_U

ClientSampleId :

NS-OILY-STONE

Tgt Ion: 84 Resp: 5752076

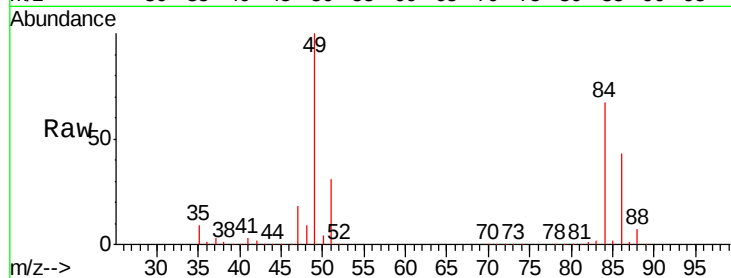
Ion Ratio Lower Upper

84 100

49 150.1 120.0 180.0

51 46.0 36.9 55.3

86 63.8 51.1 76.7

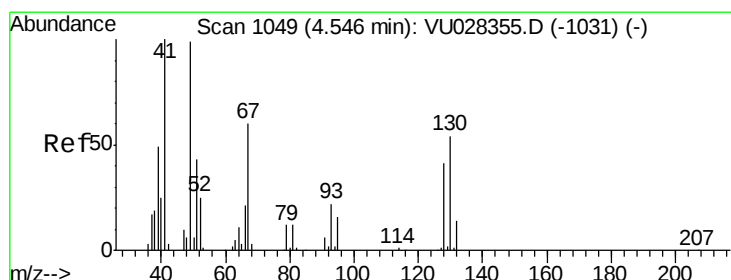
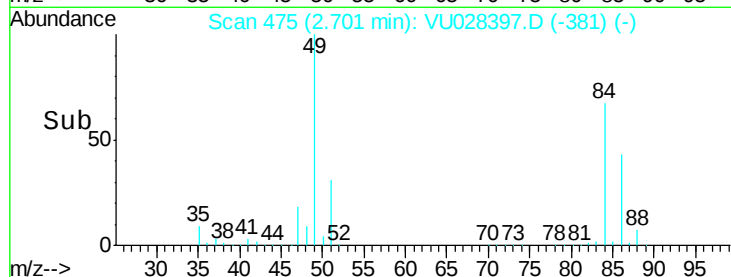
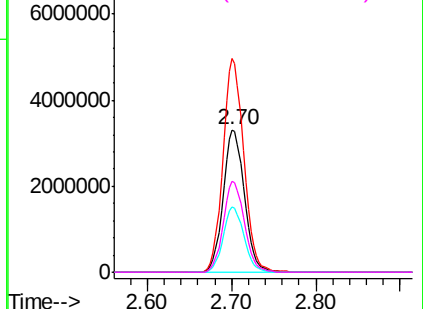


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#28

Bromochloromethane

Concen: 1.894 ug/l

RT: 4.56 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VU028397.D

Acq: 29 Nov 2018 16:33

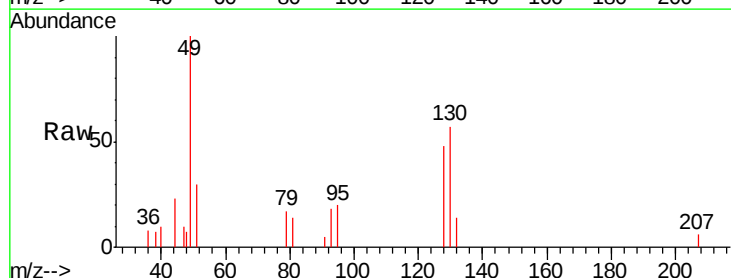
Tgt Ion: 49 Resp: 6392

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

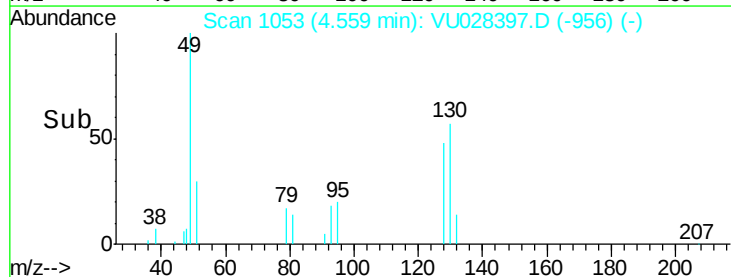
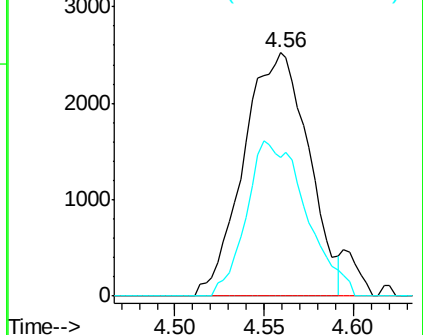
130 58.5 44.5 66.7

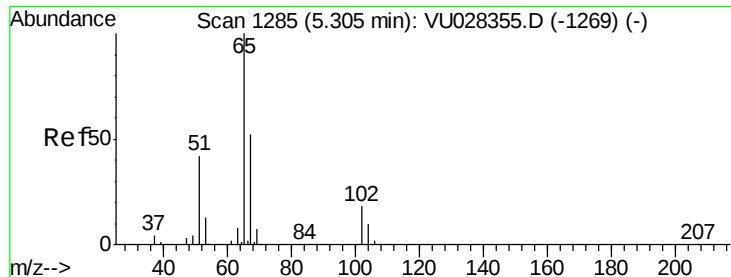


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

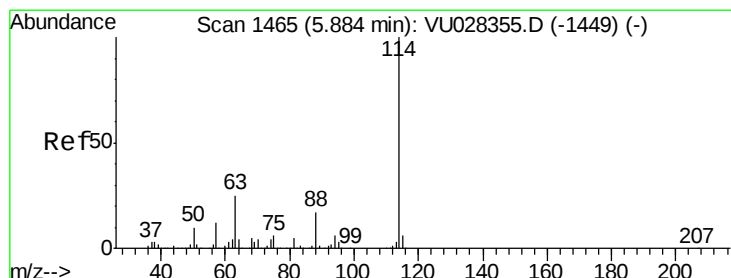
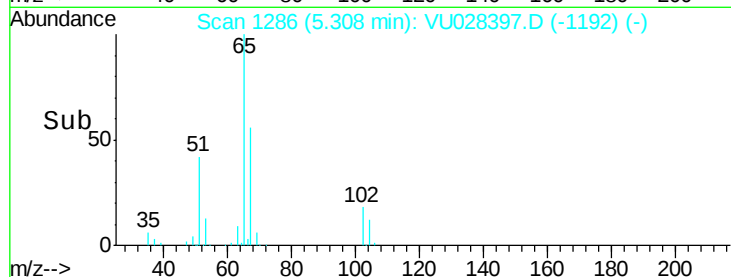
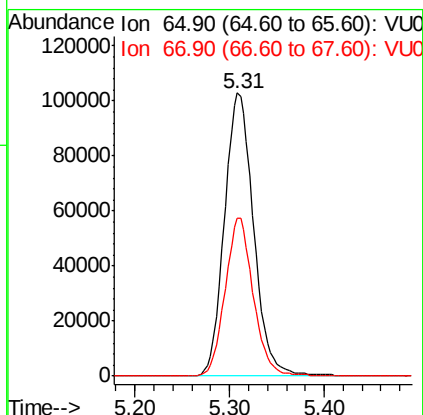
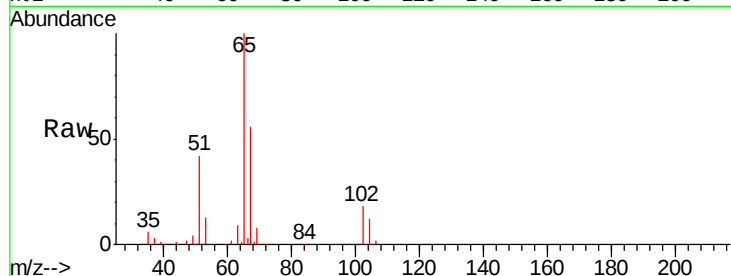




#33
 1,2-Dichloroethane-d4
 Concen: 52.858 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028397.D
 Acq: 29 Nov 2018 16:33

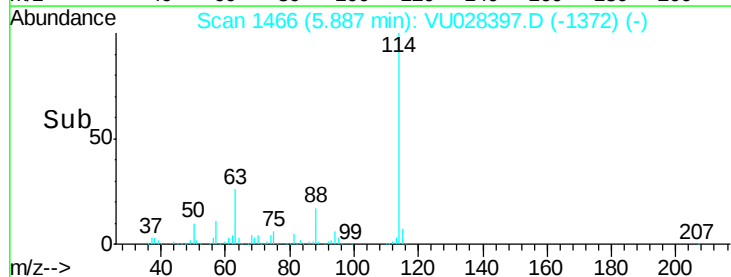
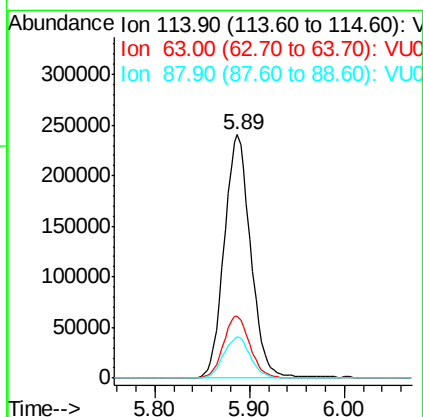
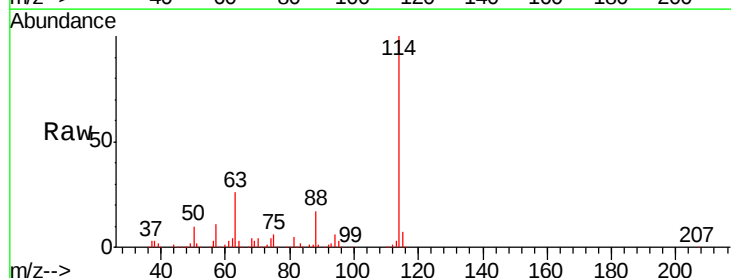
Instrument :
 MSVOA_U
 ClientSampleId :
 NS-OILY-STONE

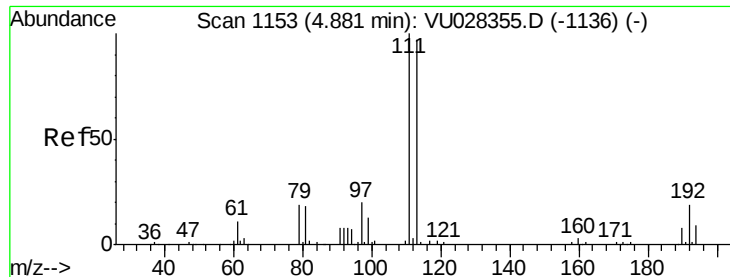
Tgt Ion: 65 Resp: 220035
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028397.D
 Acq: 29 Nov 2018 16:33

Tgt Ion: 114 Resp: 467946
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 50.0
 88 17.0 0.0 34.4

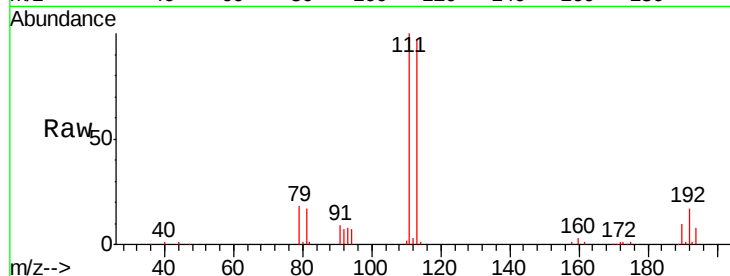




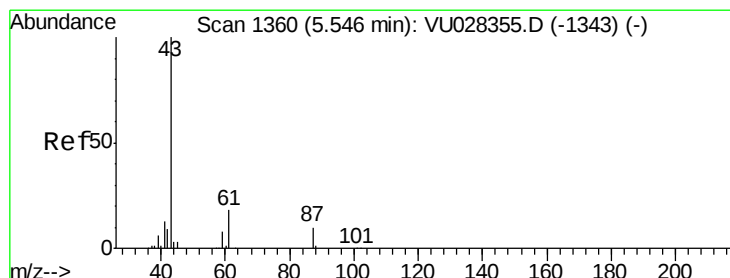
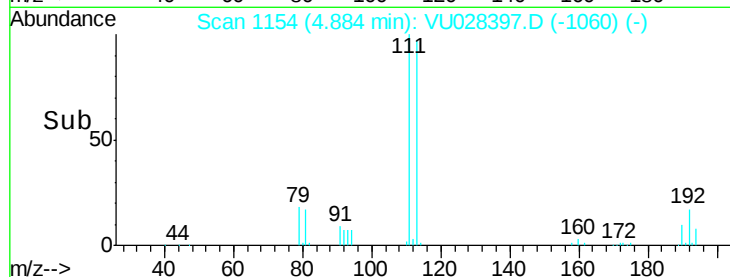
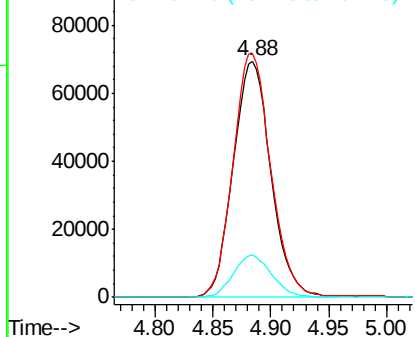
#35
 Dibromofluoromethane
 Concen: 50.429 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028397.D
 Acq: 29 Nov 2018 16:33

Instrument :
 MSVOA_U
 ClientSampleId :
 NS-OILY-STONE

Tgt Ion: 113 Resp: 156917
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 18.1 15.4 23.0

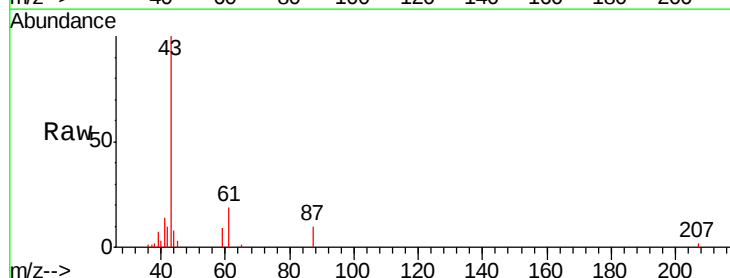


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

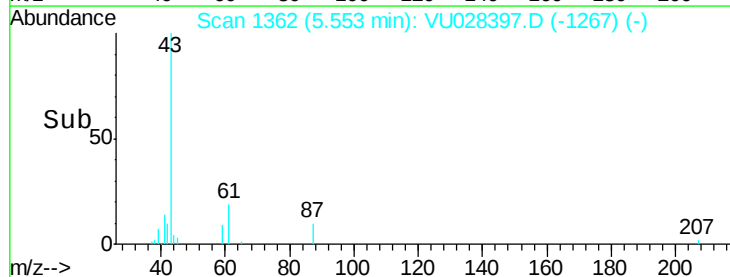
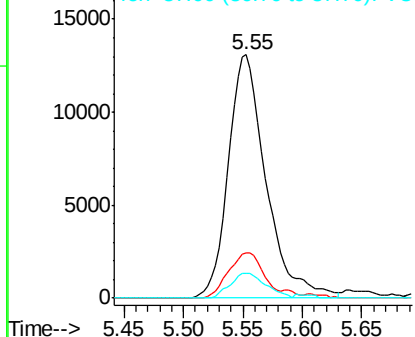


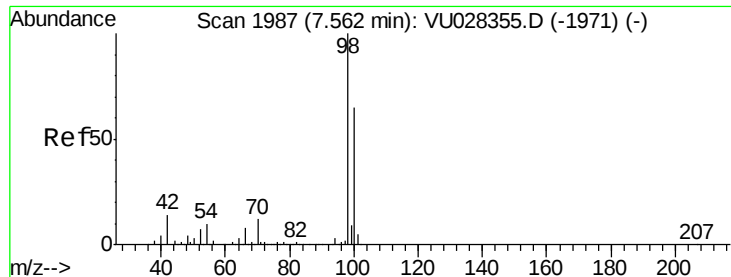
#43
 Isopropyl Acetate
 Concen: 2.600 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: VU028397.D
 Acq: 29 Nov 2018 16:33

Tgt Ion: 43 Resp: 28746
 Ion Ratio Lower Upper
 43 100
 61 18.2 14.5 21.7
 87 9.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 49.975 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028397.D

Acq: 29 Nov 2018 16:33

Instrument :

MSVOA_U

ClientSampleId :

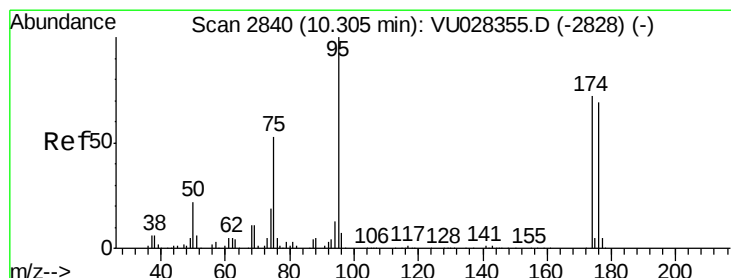
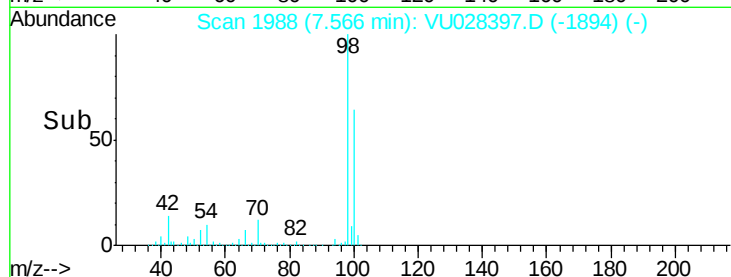
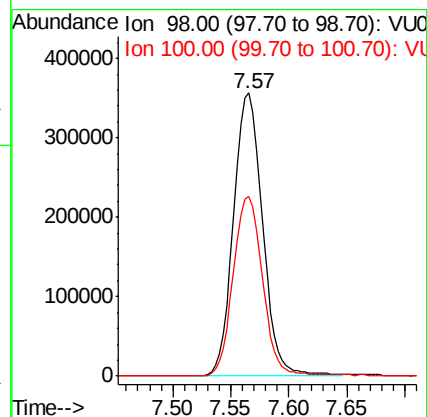
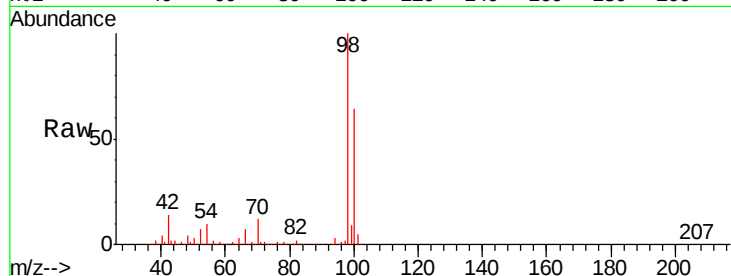
NS-OILY-STONE

Tgt Ion: 98 Resp: 621907

Ion Ratio Lower Upper

98 100

100 64.4 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 51.113 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028397.D

Acq: 29 Nov 2018 16:33

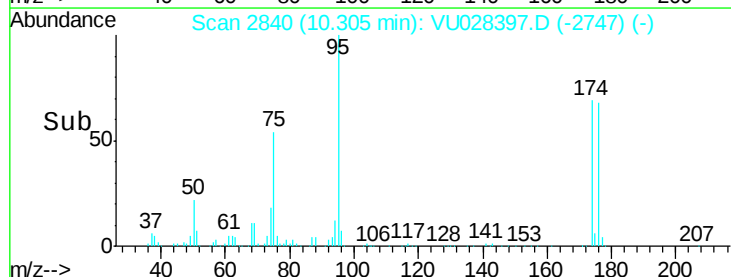
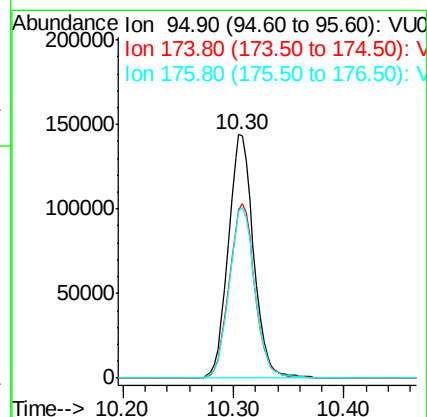
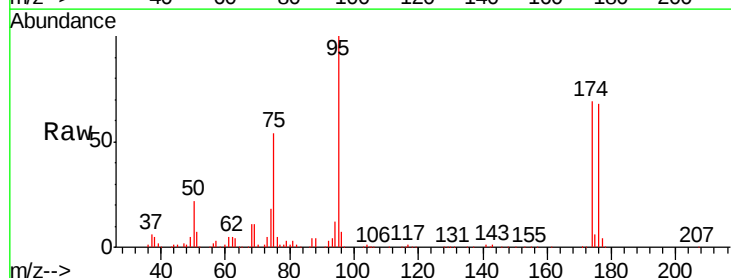
Tgt Ion: 95 Resp: 229257

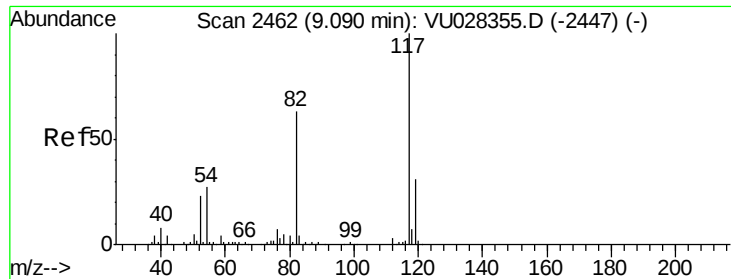
Ion Ratio Lower Upper

95 100

174 72.4 0.0 145.4

176 71.1 0.0 140.8

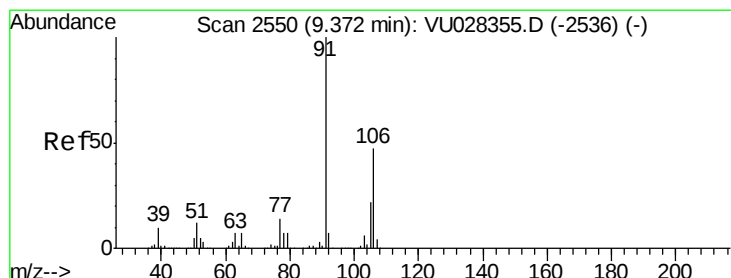
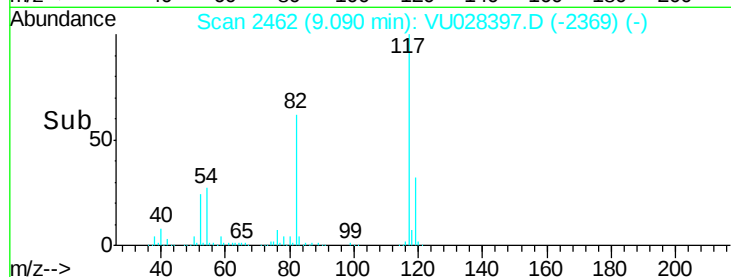
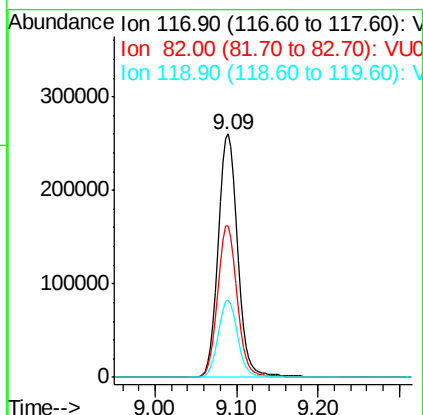
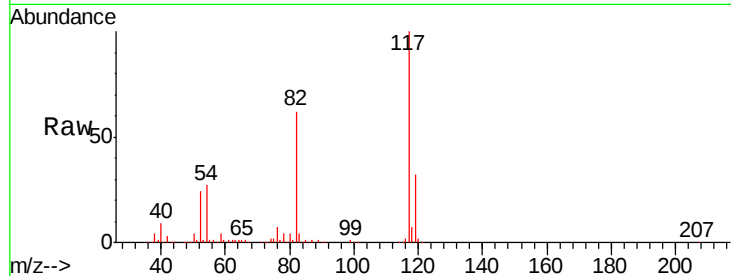




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028397.D
Acq: 29 Nov 2018 16:33

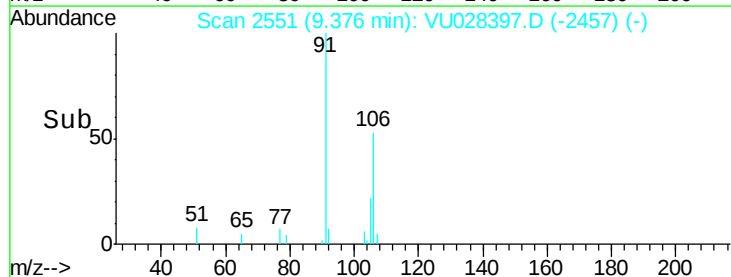
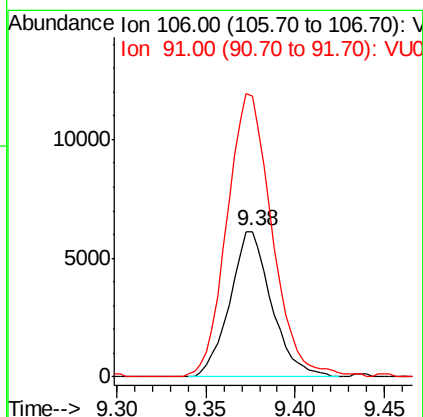
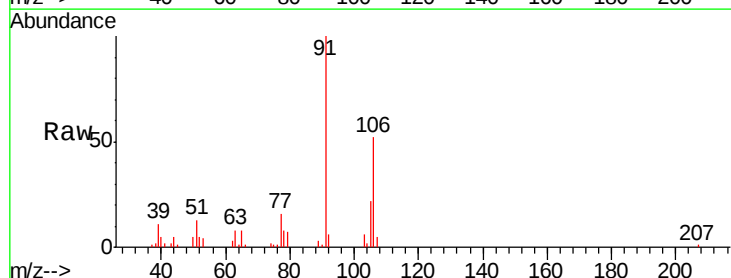
Instrument :
MSVOA_U
ClientSampleId :
NS-OILY-STONE

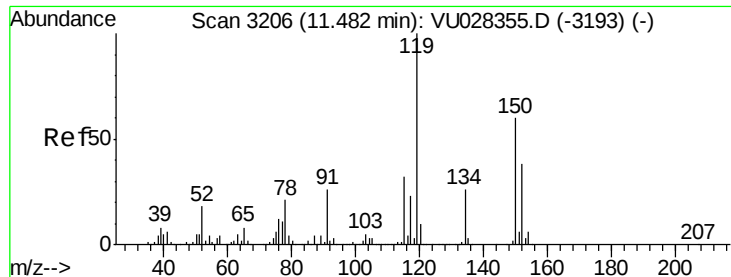
Tgt Ion:117 Resp: 444699
Ion Ratio Lower Upper
117 100
82 62.5 50.3 75.5
119 31.9 24.8 37.2



#68
m/p-Xylenes
Concen: 1.590 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028397.D
Acq: 29 Nov 2018 16:33

Tgt Ion:106 Resp: 9956
Ion Ratio Lower Upper
106 100
91 210.8 171.0 256.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028397.D

Acq: 29 Nov 2018 16:33

Instrument :

MSVOA_U

ClientSampleId :

NS-OILY-STONE

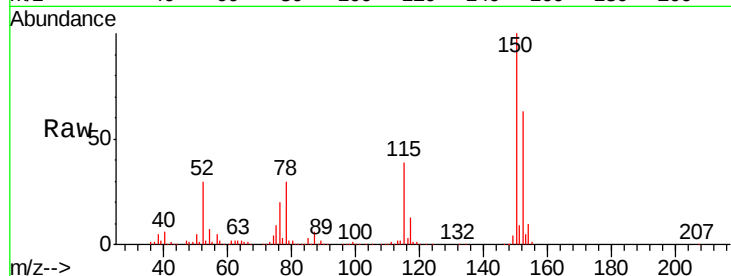
Tgt Ion:152 Resp: 211906

Ion Ratio Lower Upper

152 100

115 61.8 45.0 134.8

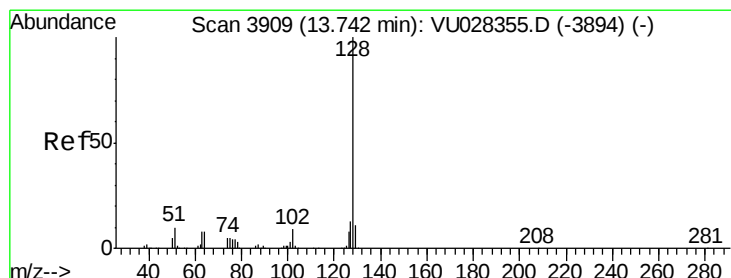
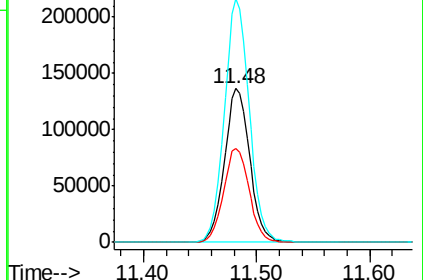
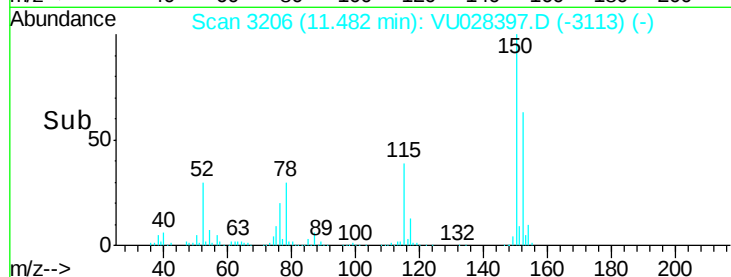
150 155.8 0.0 349.2



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: 8.340 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028397.D

Acq: 29 Nov 2018 16:33

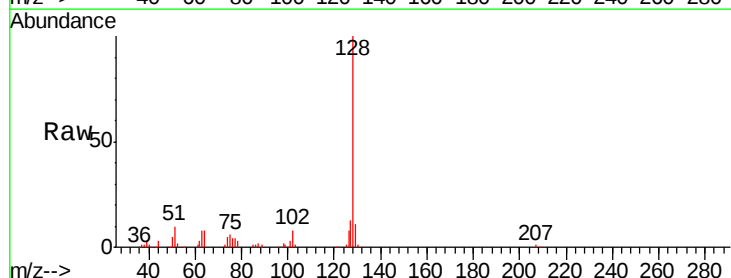
Tgt Ion:128 Resp: 104073

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.4 8.6 12.8



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

