

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011419\
 Data File : VU029160.D
 Acq On : 14 Jan 2019 13:00
 Operator : JC/SP
 Sample : K1135-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPGP-5

Quant Time: Jan 14 23:23:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

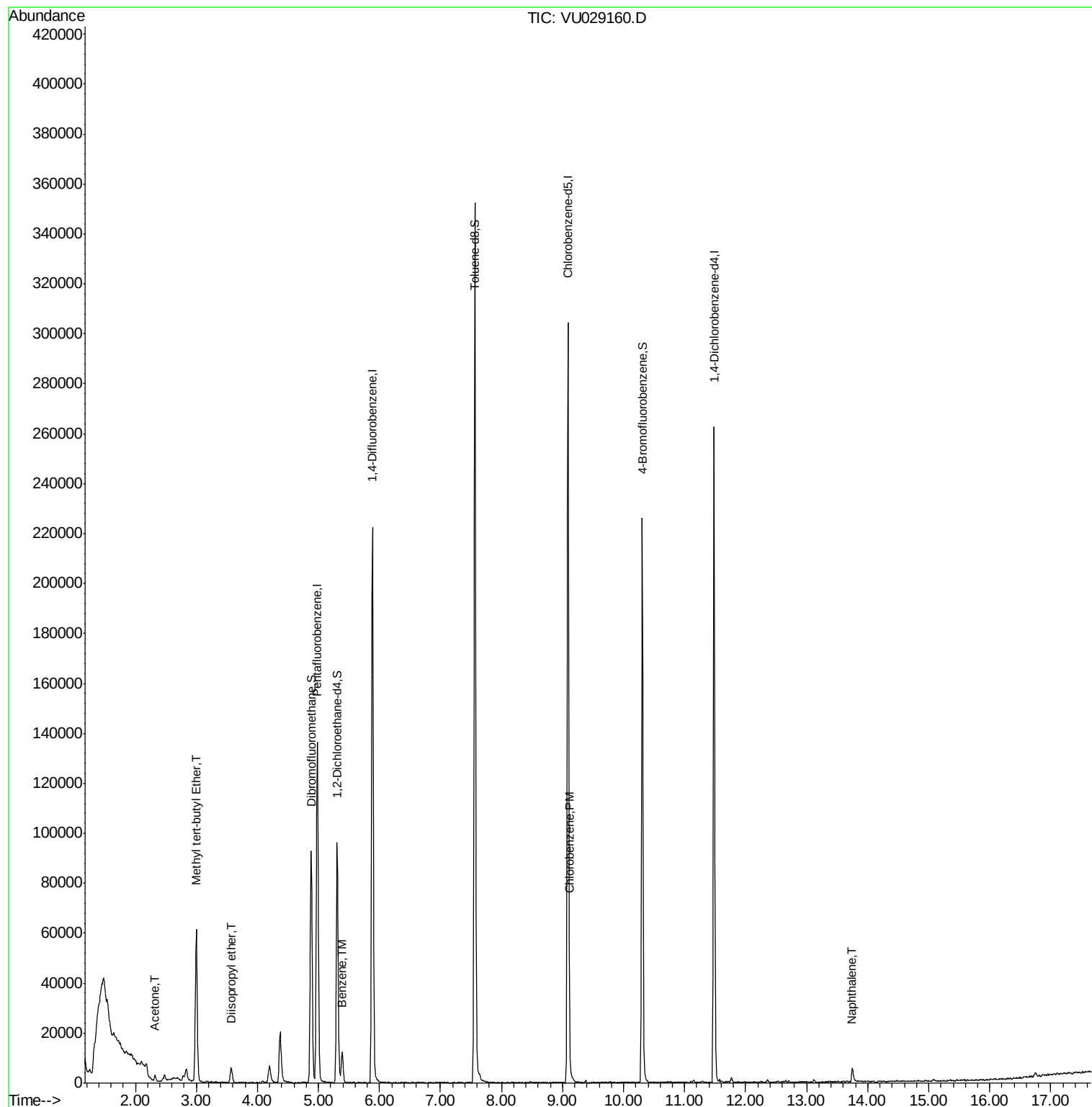
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	112681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	195095	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75231	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
35) Dibromofluoromethane	4.88	113	65473	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
50) Toluene-d8	7.56	98	245147	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	10.30	95	76771	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
Target Compounds						
16) Acetone	2.32	43	2556	2.913	ug/l	91
19) Methyl tert-butyl Ether	3.00	73	65069	15.837	ug/l	99
22) Diisopropyl ether	3.58	45	6341	1.496	ug/l	95
40) Benzene	5.39	78	12461	2.049	ug/l	100
65) Chlorobenzene	9.12	112	1694	0.426	ug/l	94
95) Naphthalene	13.75	128	7381	1.314	ug/l	97

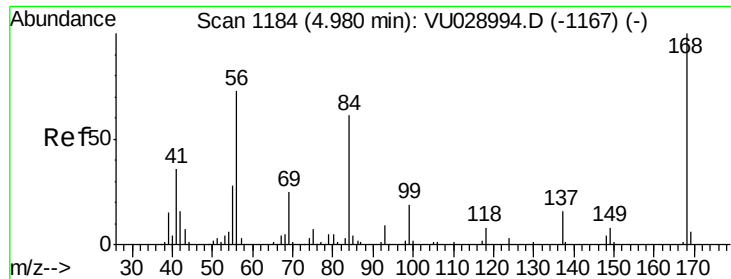
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011419\
Data File : VU029160.D
Acq On : 14 Jan 2019 13:00
Operator : JC/SP
Sample : K1135-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CPGP-5

Quant Time: Jan 14 23:23:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029160.D

Acq: 14 Jan 2019 13:00

Instrument :

MSVOA_U

ClientSampleId :

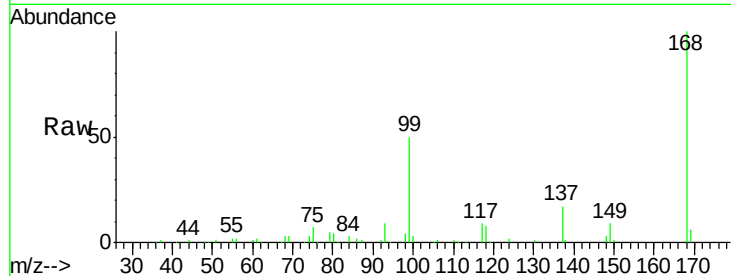
CPGP-5

Tot Ion:168 Resp: 112681

Ion Ratio Lower Upper

168 100

99 49.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

50000

40000

30000

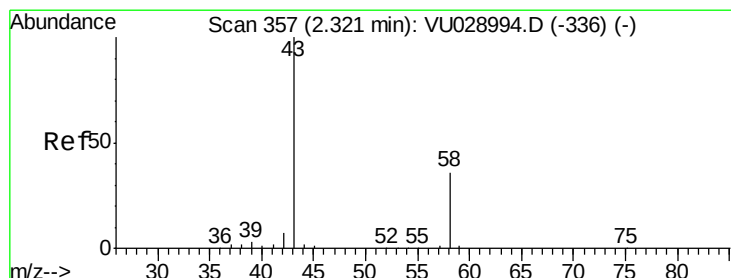
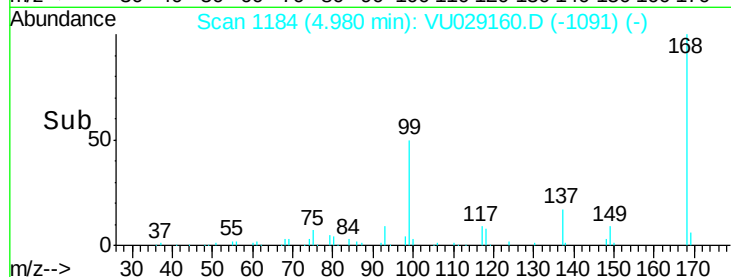
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 2.913 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029160.D

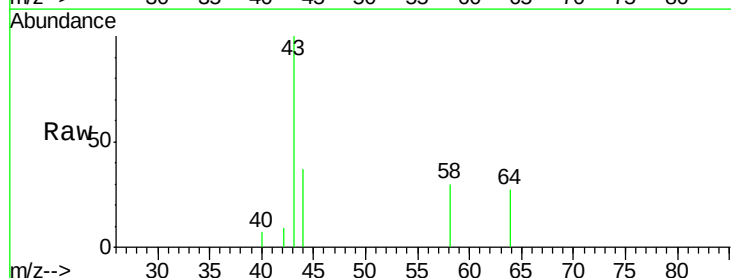
Acq: 14 Jan 2019 13:00

Tgt Ion: 43 Resp: 2556

Ion Ratio Lower Upper

43 100

58 30.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

2.32

1500

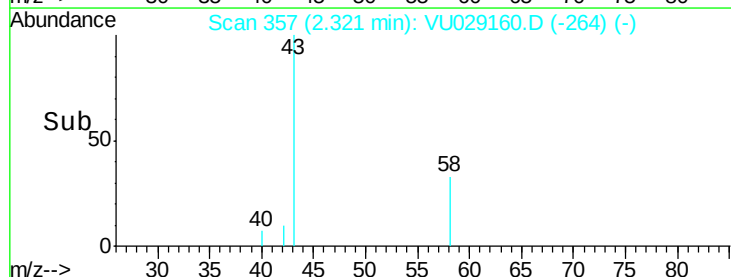
1000

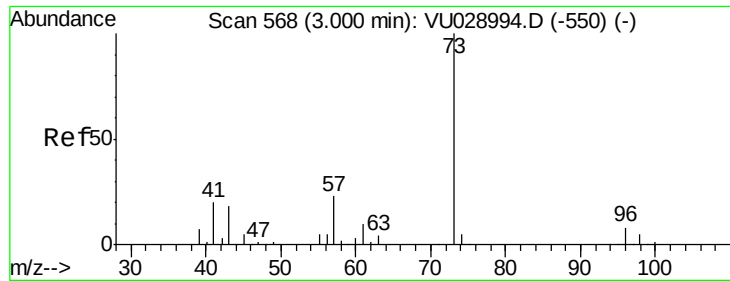
500

0

2.30 2.35

Time-->

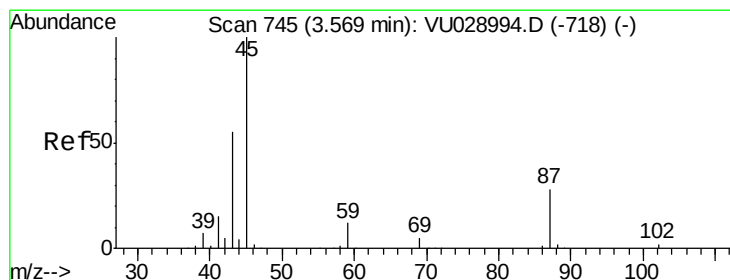
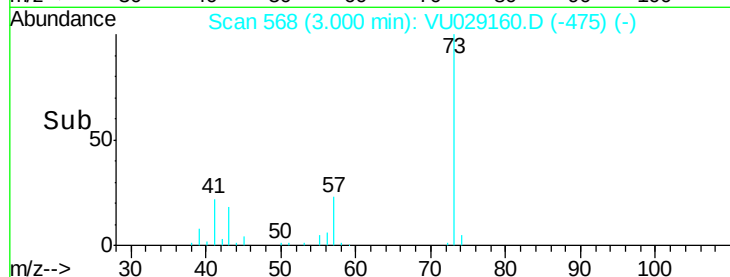
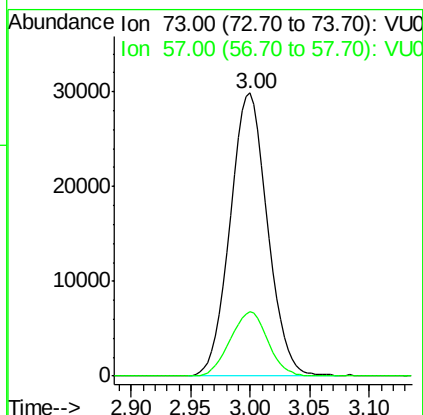
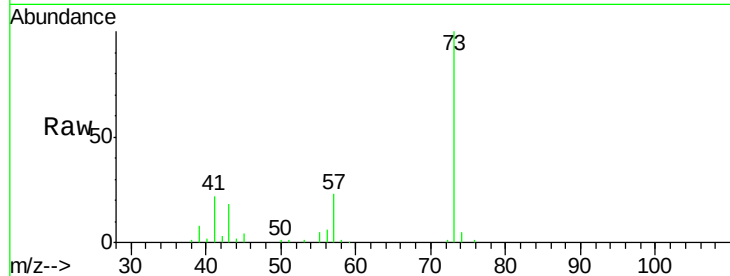




#19
Methvl tert-butvl Ether
Concen: 15.837 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU029160.D
Acq: 14 Jan 2019 13:00

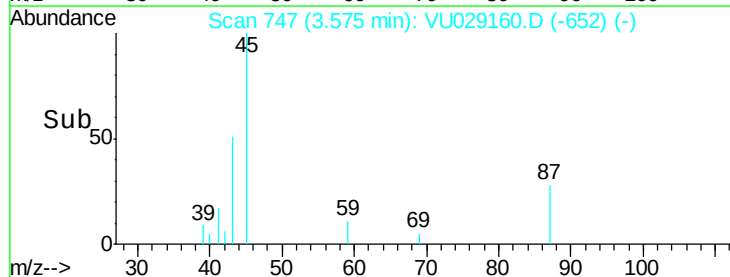
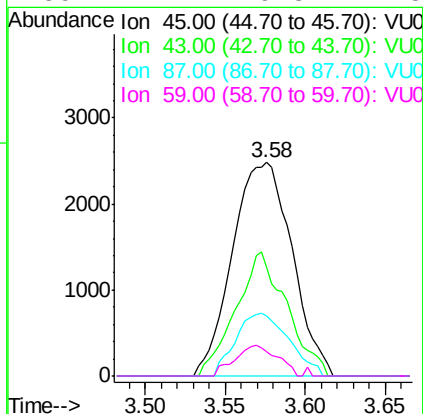
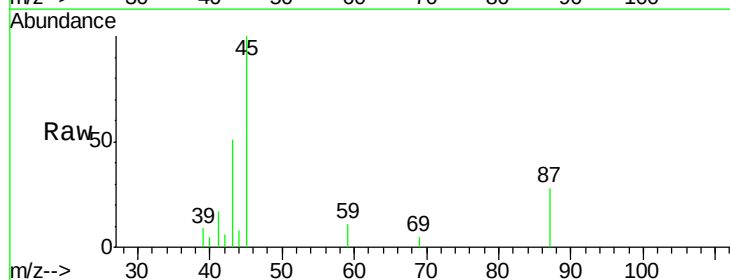
Instrument :
MSVOA_U
ClientSampleId :
CPGP-5

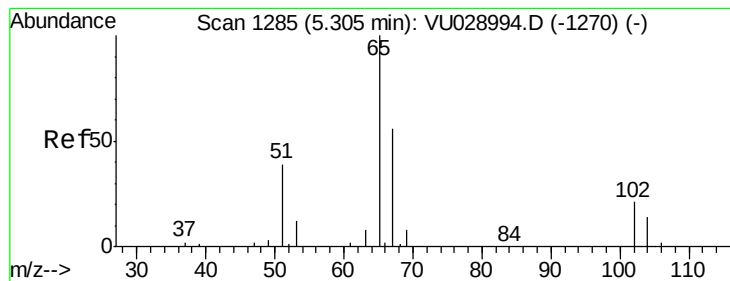
Tot Ion: 73 Resp: 65069
Ion Ratio Lower Upper
73 100
57 22.8 18.6 28.0



#22
Diisopropyl ether
Concen: 1.496 ug/l
RT: 3.58 min Scan# 747
Delta R.T. 0.01 min
Lab File: VU029160.D
Acq: 14 Jan 2019 13:00

Tgt Ion: 45 Resp: 6341
Ion Ratio Lower Upper
45 100
43 51.1 44.7 67.1
87 28.2 22.2 33.2
59 11.2 9.8 14.8





#33

1,2-Dichloroethane-d4

Concen: 54.008 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029160.D

Acq: 14 Jan 2019 13:00

Instrument :

MSVOA_U

ClientSampleId :

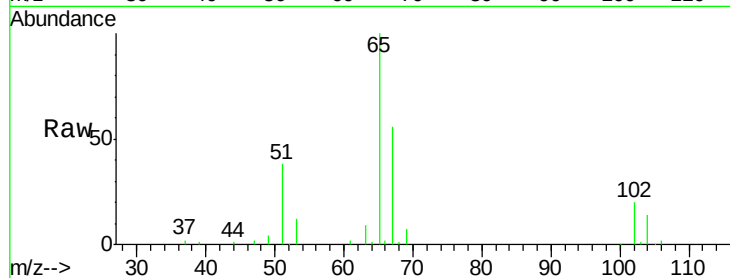
CPGP-5

Tot Ion: 65 Resp: 75231

Ion Ratio Lower Upper

65 100

67 55.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU029160.D (-1192) (-)

Ion 66.90 (66.60 to 67.60): VU029160.D (-1192) (-)

5.31

40000

30000

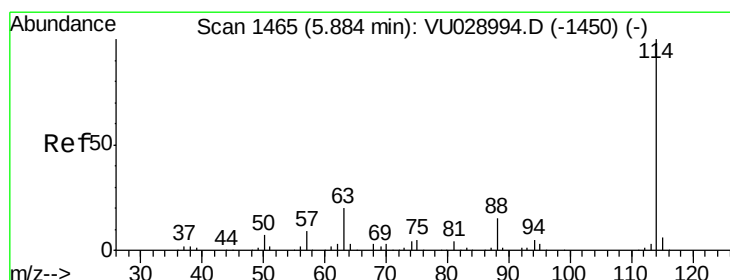
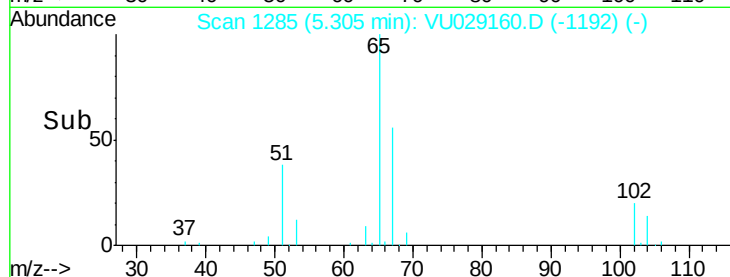
20000

10000

0

Time-->

5.20 5.30 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029160.D

Acq: 14 Jan 2019 13:00

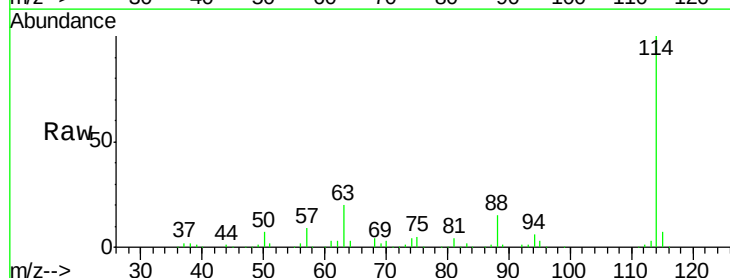
Tgt Ion: 114 Resp: 195095

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 14.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VU029160.D (-1372) (-)

Ion 63.00 (62.70 to 63.70): VU029160.D (-1372) (-)

Ion 87.90 (87.60 to 88.60): VU029160.D (-1372) (-)

5.88

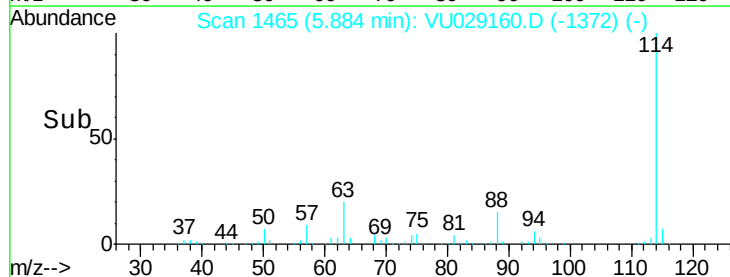
100000

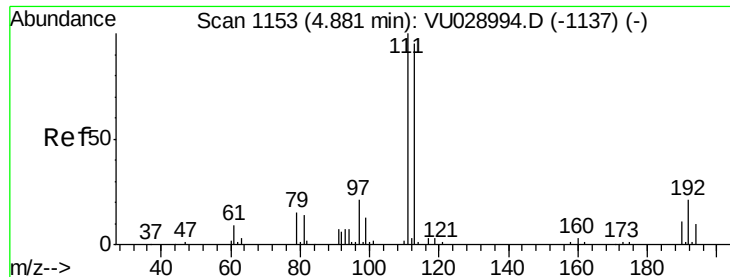
50000

0

Time-->

5.80 5.90 6.00

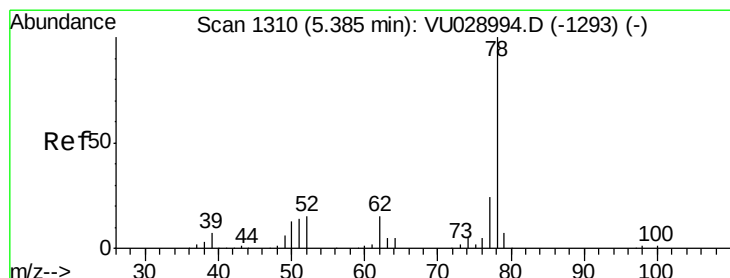
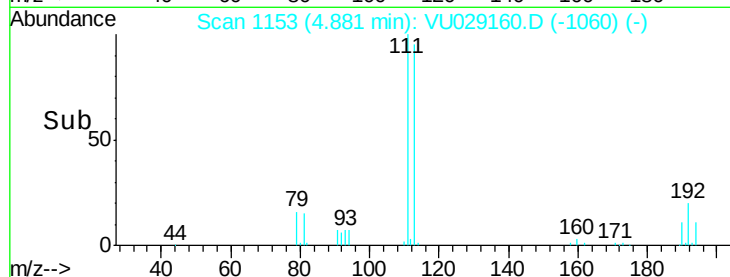
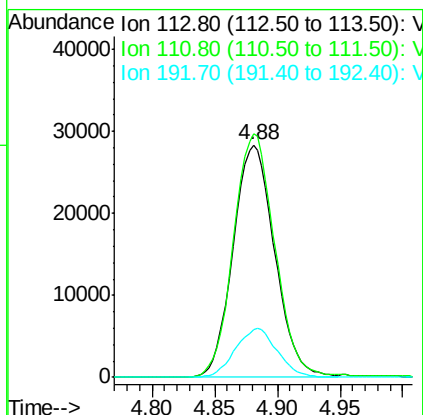
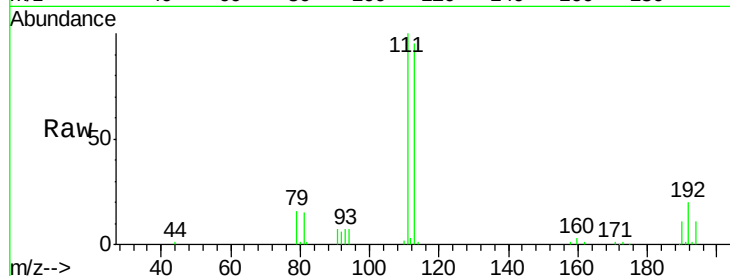




#35
 Dibromofluoromethane
 Concen: 51.771 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029160.D
 Acq: 14 Jan 2019 13:00

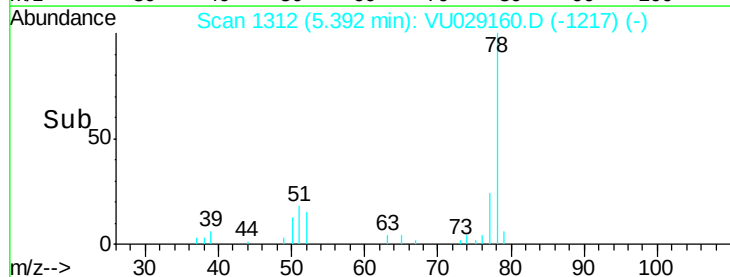
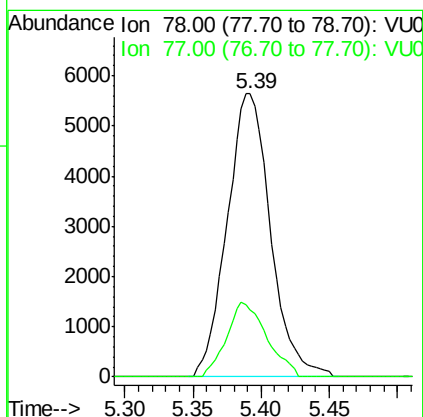
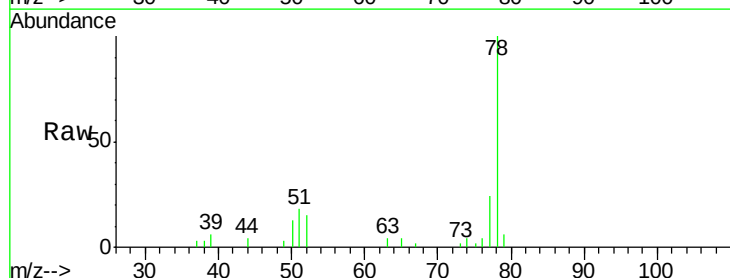
Instrument :
 MSVOA_U
 ClientSampleId :
 CPGP-5

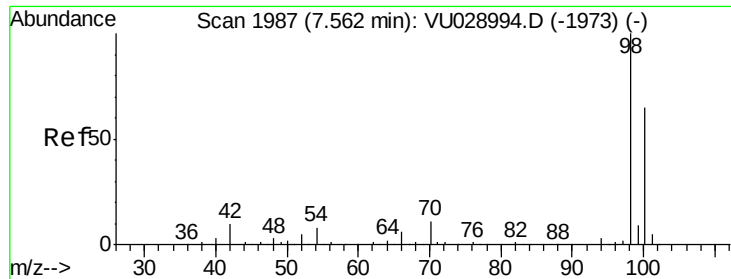
Tot Ion:113 Resp: 65473
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.4 122.2
 192 21.1 16.8 25.2



#40
 Benzene
 Concen: 2.049 ug/l
 RT: 5.39 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: VU029160.D
 Acq: 14 Jan 2019 13:00

Tgt Ion: 78 Resp: 12461
 Ion Ratio Lower Upper
 78 100
 77 23.8 18.9 28.3

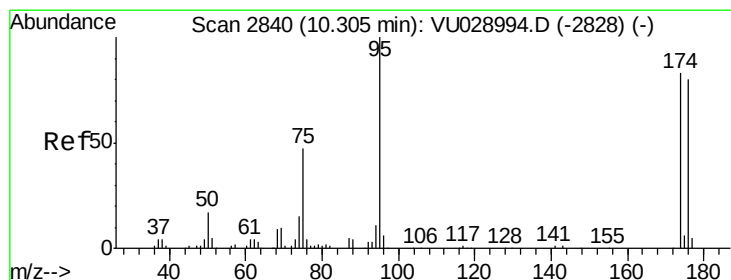
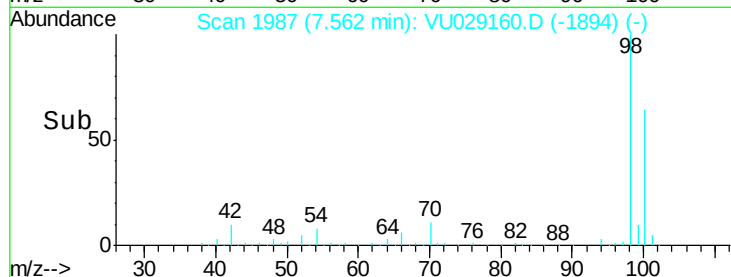
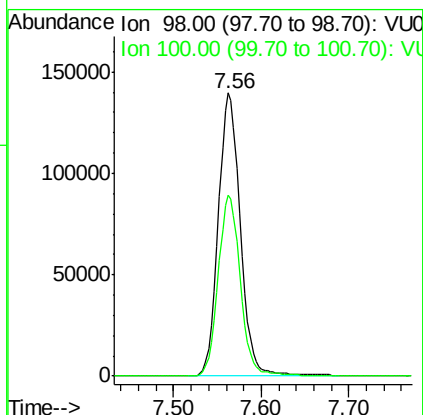
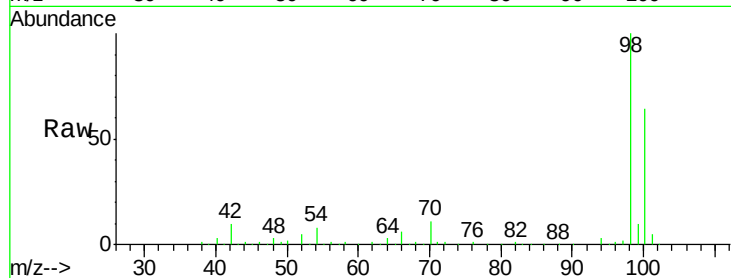




#50
Toluene-d8
Concen: 49.101 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029160.D
Acq: 14 Jan 2019 13:00

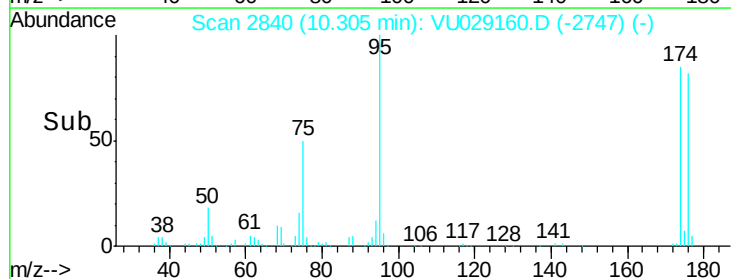
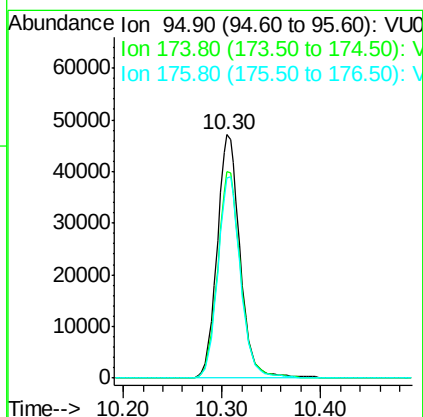
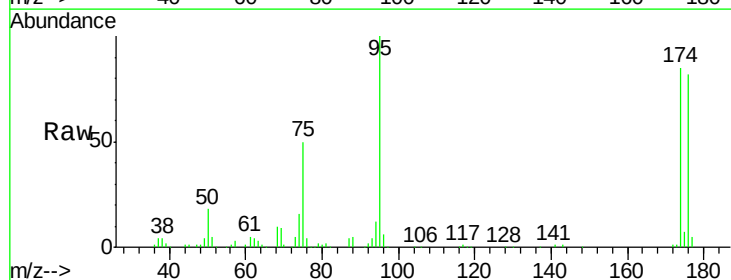
Instrument :
MSVOA_U
ClientSampleId :
CPGP-5

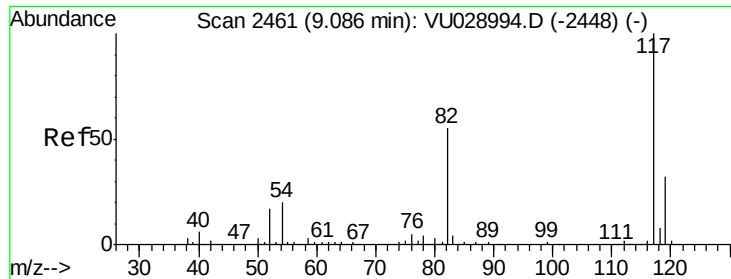
Tot Ion: 98 Resp: 245147
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.786 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029160.D
Acq: 14 Jan 2019 13:00

Tgt Ion: 95 Resp: 76771
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.6
176 81.7 0.0 165.0

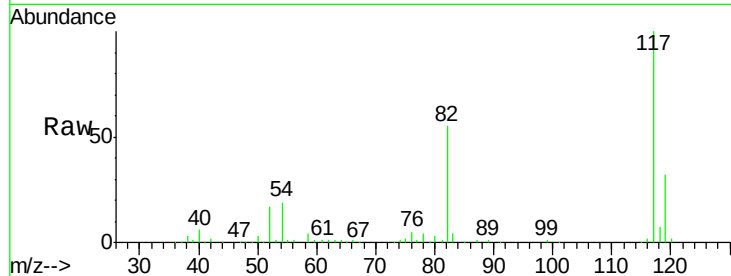




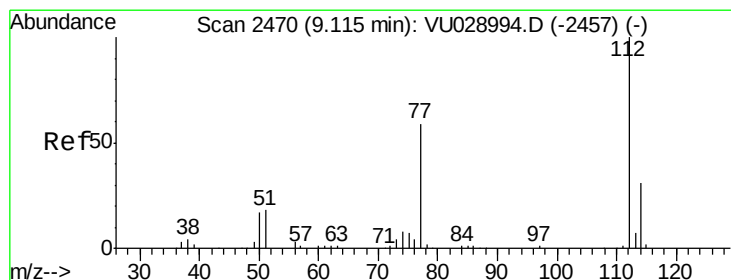
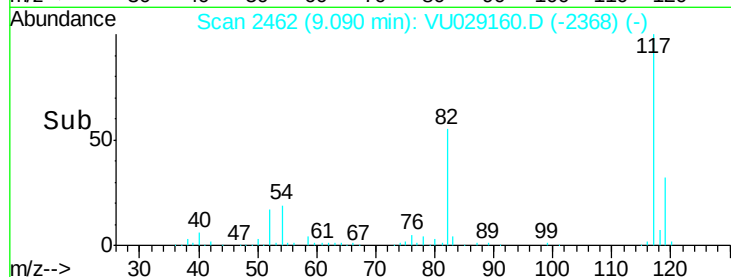
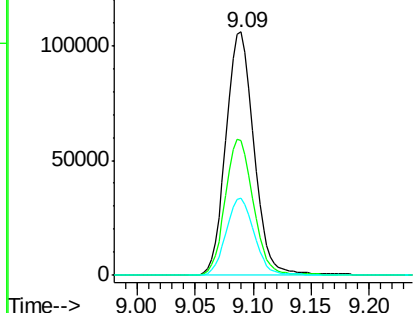
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029160.D
Acq: 14 Jan 2019 13:00

Instrument :
MSVOA_U
ClientSampleId :
CPGP-5

Tot Ion:117 Resp: 177513
Ion Ratio Lower Upper
117 100
82 55.2 43.9 65.9
119 31.6 26.0 39.0

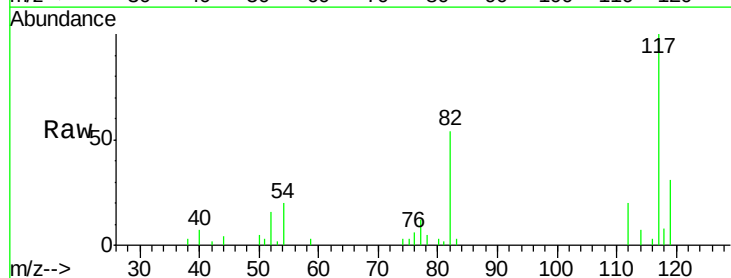


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

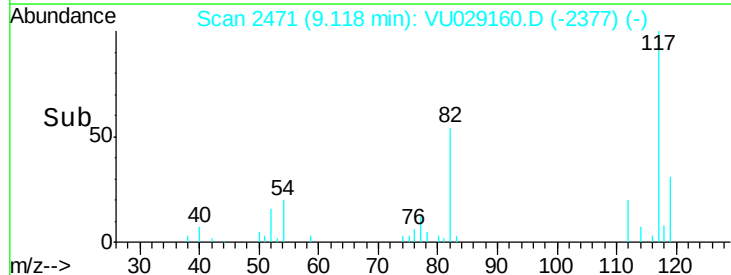
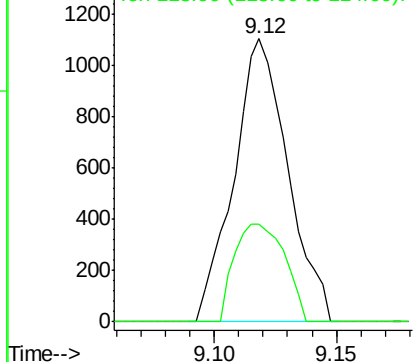


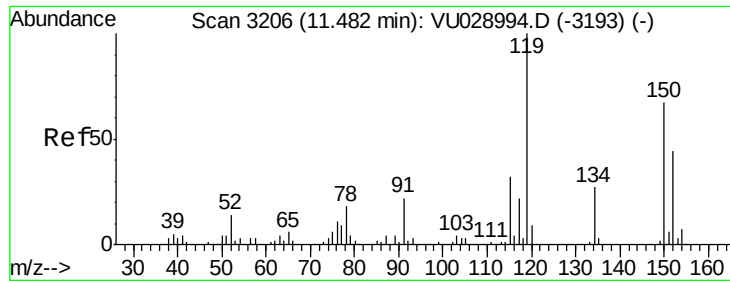
#65
Chlorobenzene
Concen: 0.426 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU029160.D
Acq: 14 Jan 2019 13:00

Tgt Ion:112 Resp: 1694
Ion Ratio Lower Upper
112 100
114 34.4 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029160.D

Acq: 14 Jan 2019 13:00

Instrument :

MSVOA_U

ClientSampleId :

CPGP-5

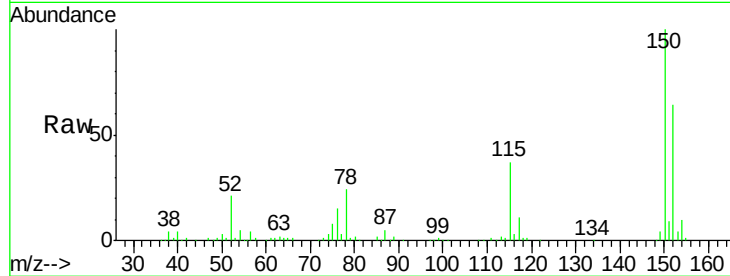
Tot Ion:152 Resp: 72577

Ion Ratio Lower Upper

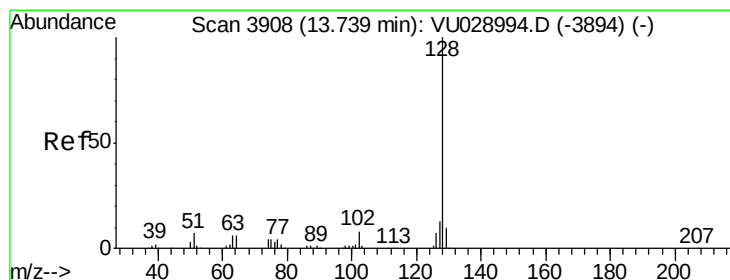
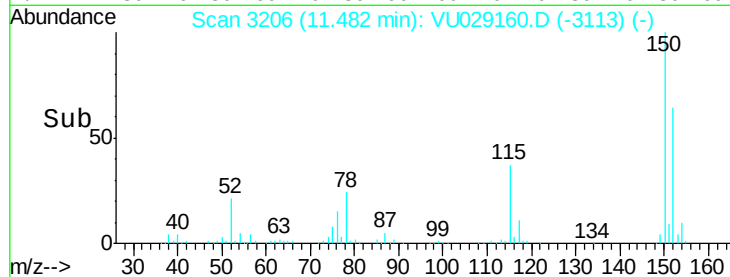
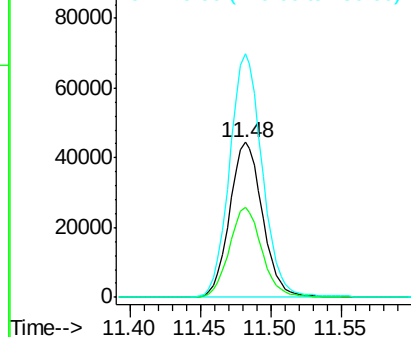
152 100

115 57.3 40.1 120.3

150 155.6 0.0 345.2



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: 1.314 ug/l

RT: 13.75 min Scan# 3911

Delta R.T. 0.01 min

Lab File: VU029160.D

Acq: 14 Jan 2019 13:00

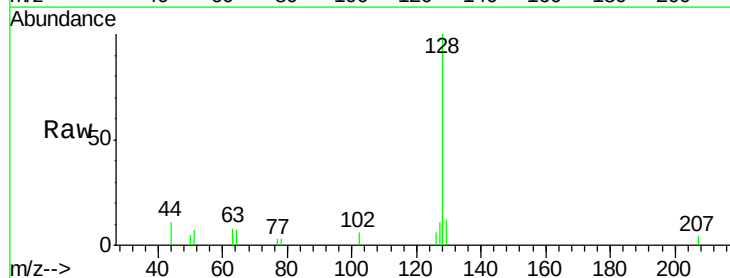
Tgt Ion:128 Resp: 7381

Ion Ratio Lower Upper

128 100

127 10.3 10.1 15.1

129 10.4 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

