

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050921.D
 Acq On : 28 Aug 2018 18:38
 Operator : MD\SY
 Sample : PB112421TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421TB

Quant Time: Aug 29 04:59:12 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

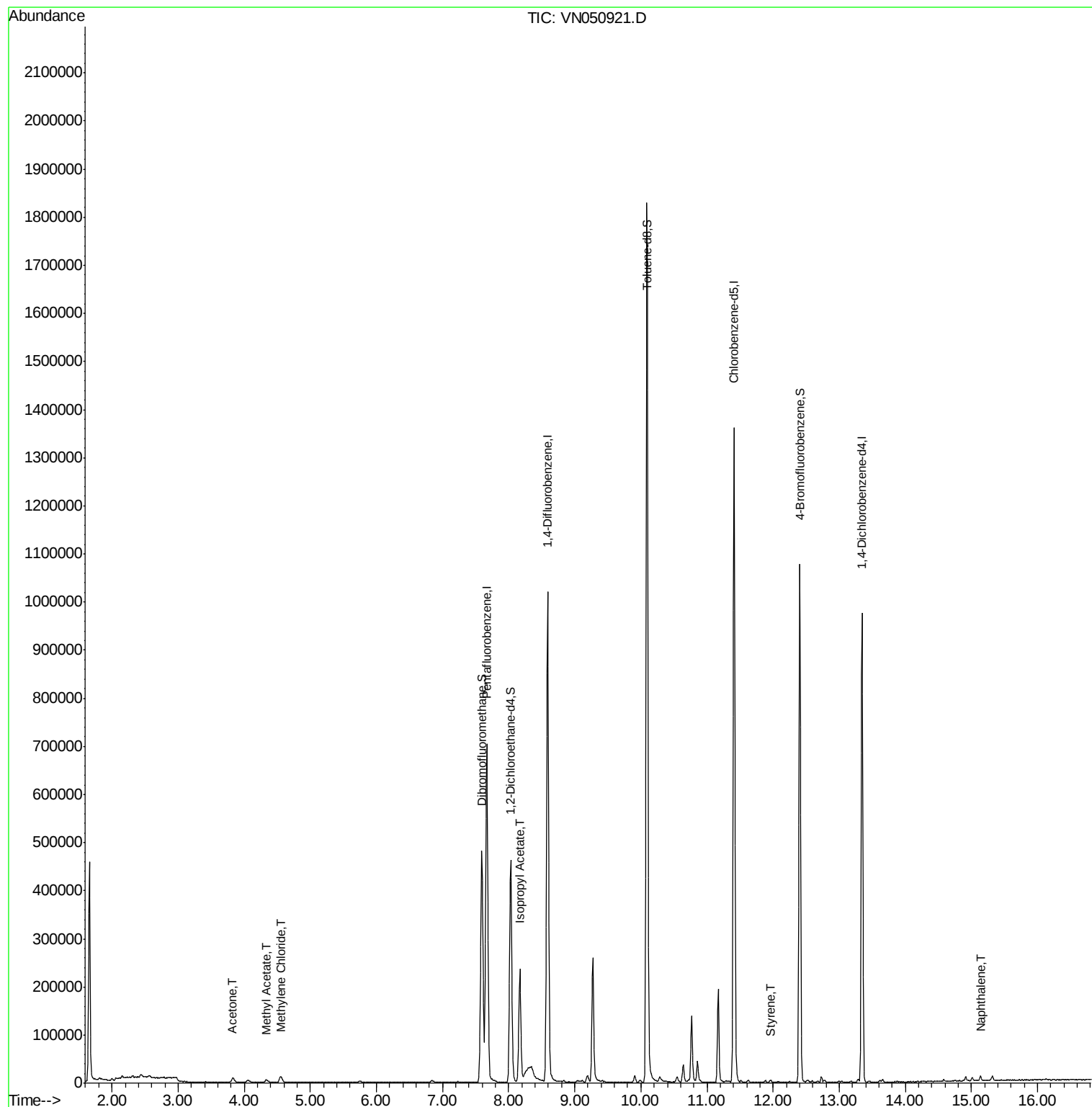
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	613943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	968763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	854193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	281723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	393319	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
35) Dibromofluoromethane	7.59	113	373917	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	10.09	98	1348184	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
62) 4-Bromofluorobenzene	12.40	95	371896	38.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.68%	
Target Compounds						
16) Acetone	3.82	43	16367	2.35	ug/l	93
18) Methyl Acetate	4.34	43	9414	1.35	ug/l	91
20) Methylene Chloride	4.55	84	9970	1.20	ug/l	93
43) Isopropyl Acetate	8.17	43	272124	24.10	ug/l	98
70) Styrene	11.97	104	1774	1.34	ug/l #	83
95) Naphthalene	15.14	128	8155	6.05	ug/l	98

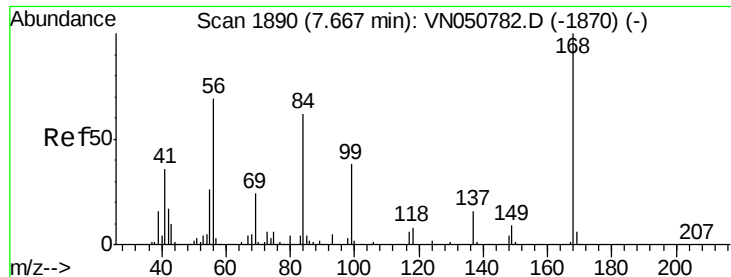
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 29 04:59:12 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 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: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

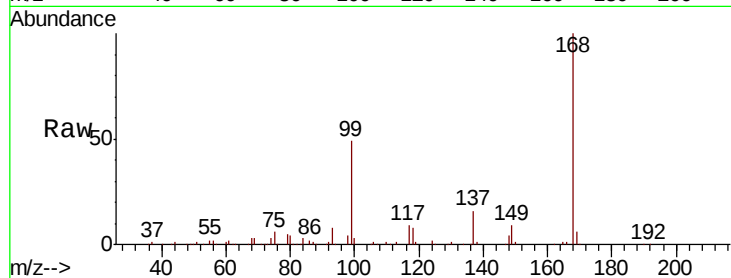
PB112421TB

Tot Ion:168 Resp: 613943

Ion Ratio Lower Upper

168 100

99 48.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

100000

50000

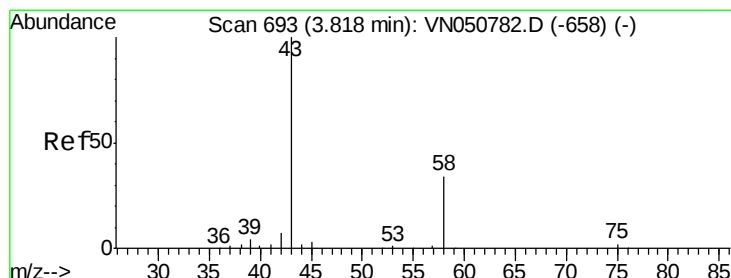
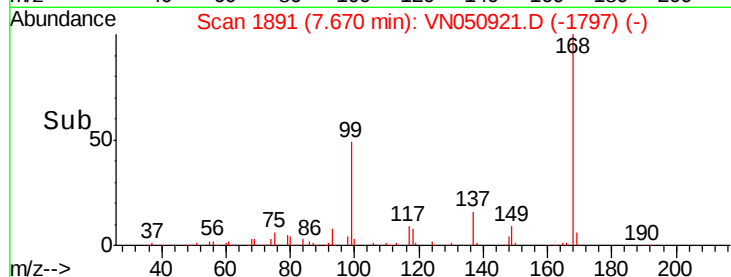
0

Time-->

7.60

7.70

7.80



#16

Acetone

Concen: 2.35 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050921.D

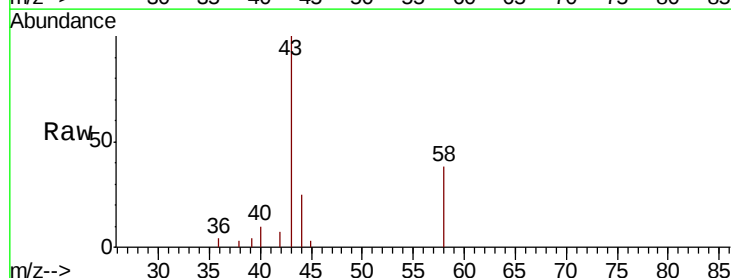
Acq: 28 Aug 2018 18:38

Tgt Ion: 43 Resp: 16367

Ion Ratio Lower Upper

43 100

58 37.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

6000

5000

4000

3000

2000

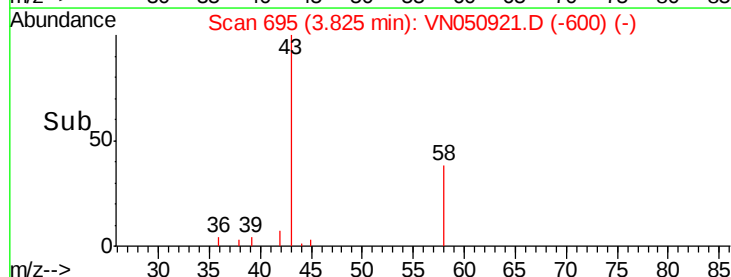
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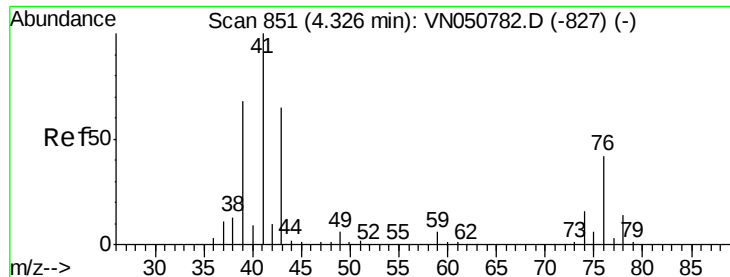
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Time-->

3.80

3.90

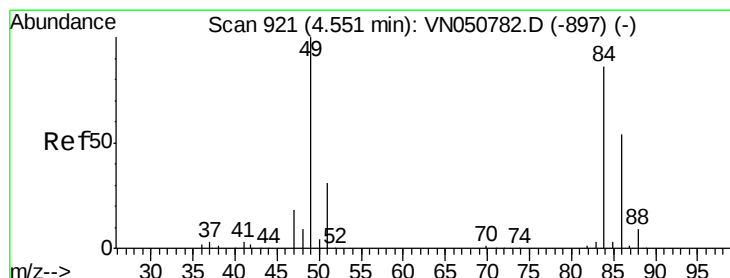
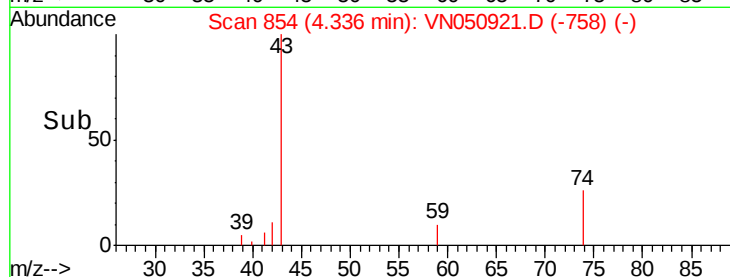
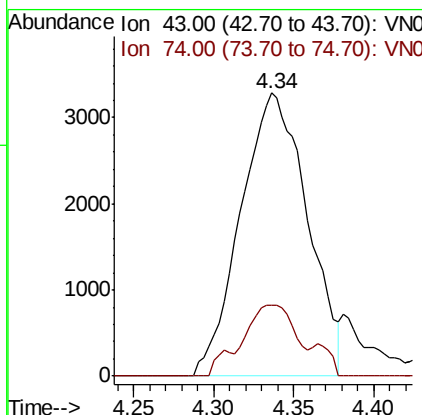
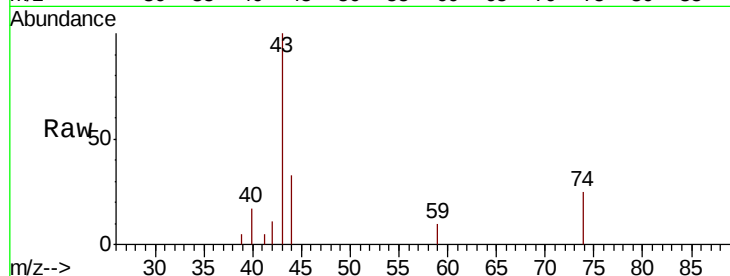




#18
Methyl Acetate
Concen: 1.35 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050921.D
Acq: 28 Aug 2018 18:38

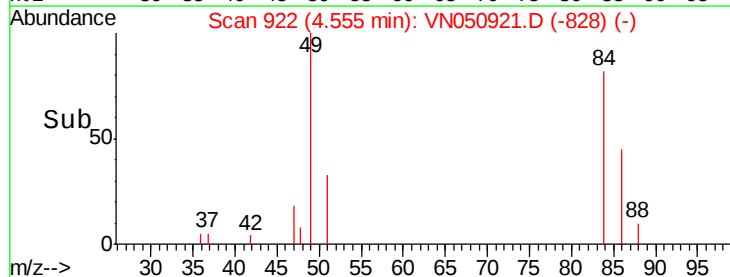
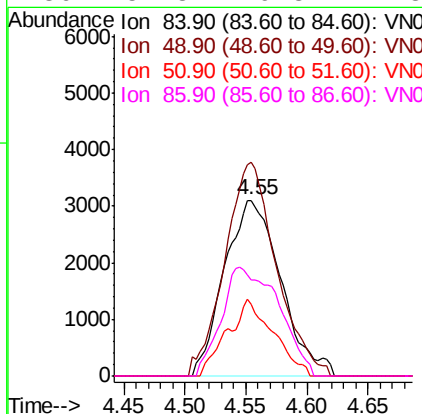
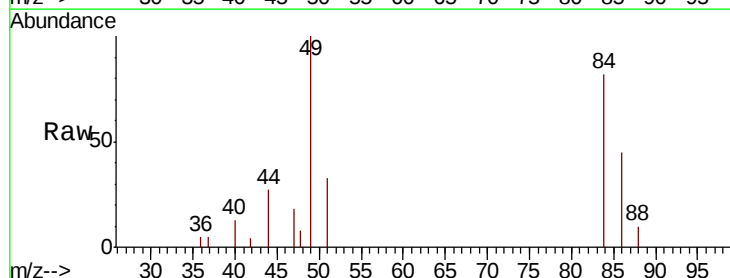
Instrument :
MSVOA_N
ClientSampleId :
PB112421TB

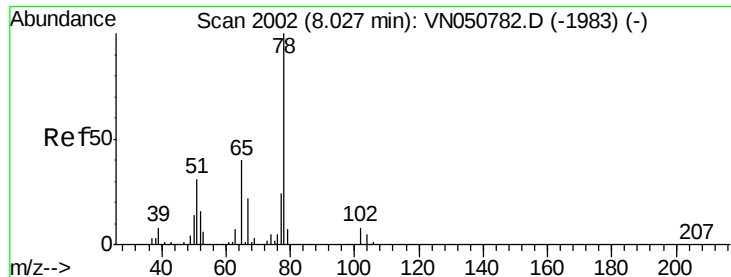
Tot Ion: 43 Resp: 9414
Ion Ratio Lower Upper
43 100
74 20.1 19.8 29.8



#20
Methylene Chloride
Concen: 1.20 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050921.D
Acq: 28 Aug 2018 18:38

Tgt Ion: 84 Resp: 9970
Ion Ratio Lower Upper
84 100
49 121.6 93.2 139.8
51 40.6 29.0 43.6
86 54.8 49.8 74.8

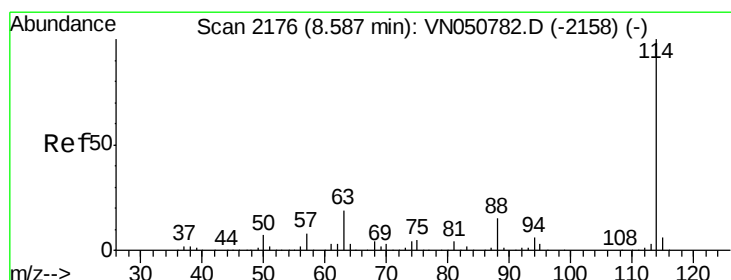
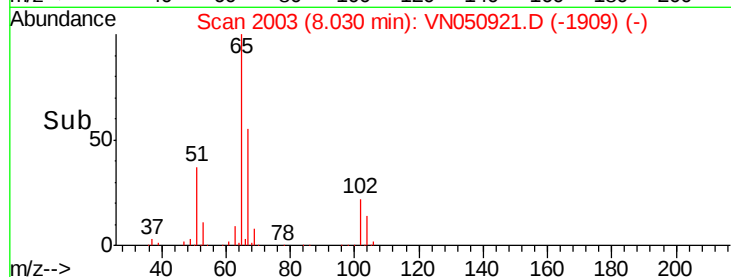
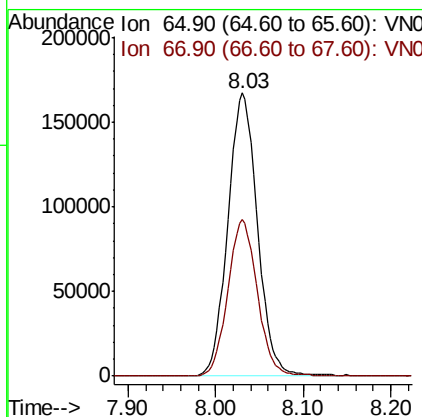
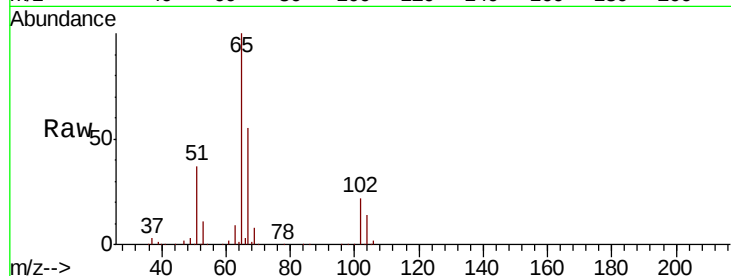




#33
 1,2-Dichloroethane-d4
 Concen: 53.22 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050921.D
 Acq: 28 Aug 2018 18:38

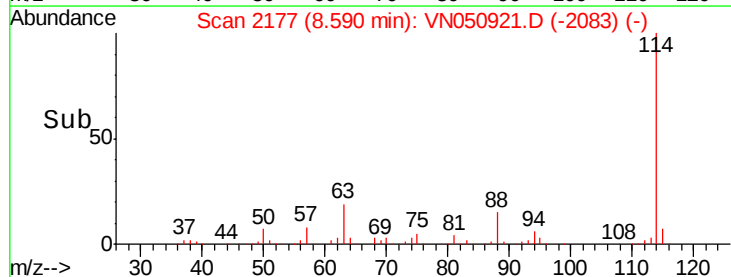
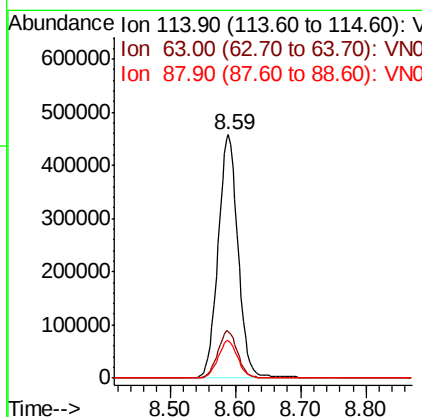
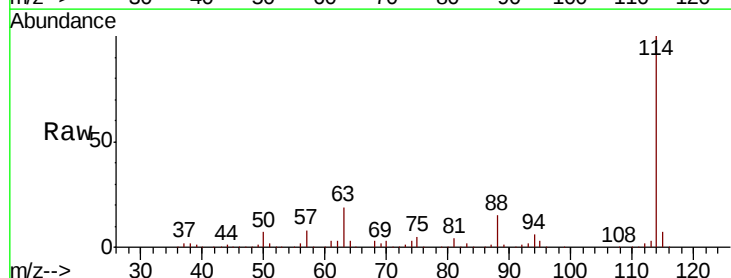
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421TB

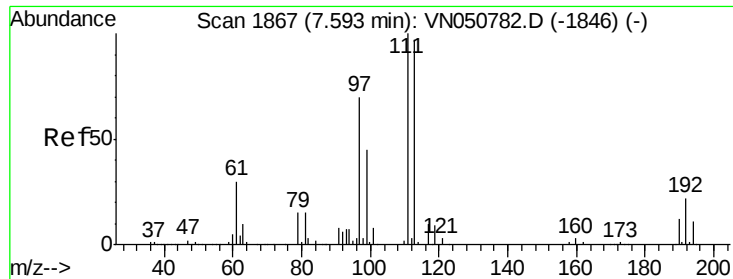
Tot Ion: 65 Resp: 393319
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050921.D
 Acq: 28 Aug 2018 18:38

Tgt Ion: 114 Resp: 968763
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.4 0.0 30.6

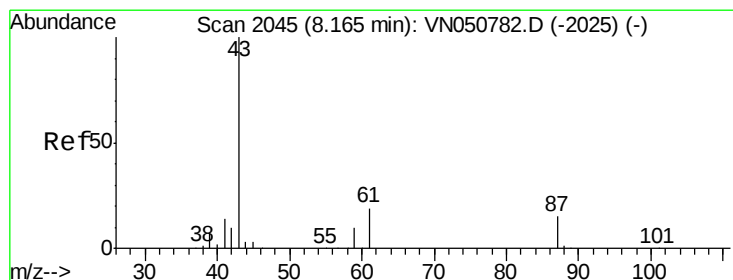
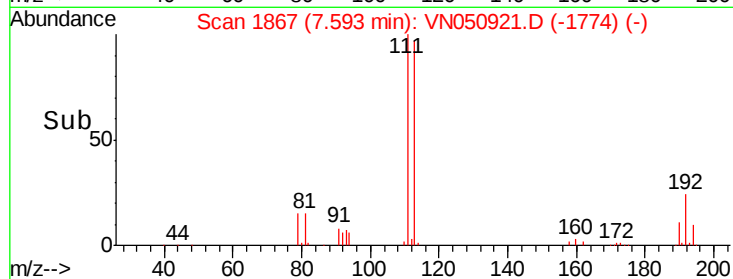
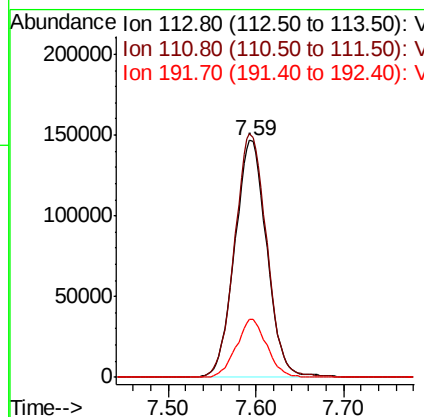
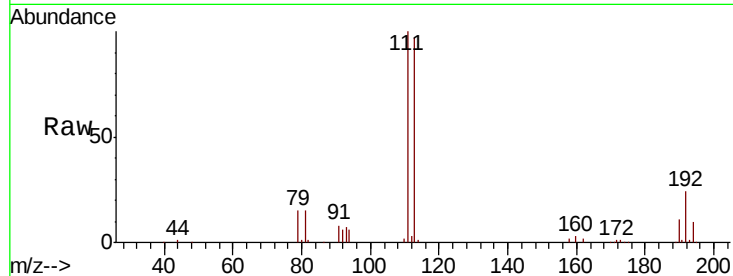




#35
 Dibromofluoromethane
 Concen: 48.52 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050921.D
 Acq: 28 Aug 2018 18:38

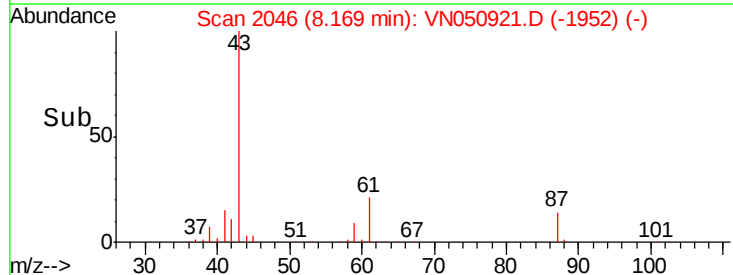
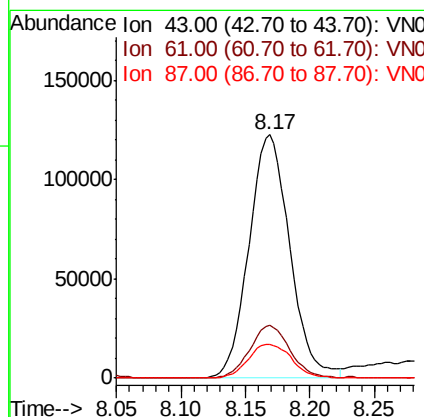
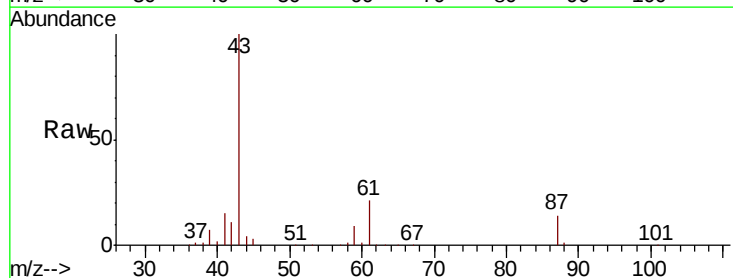
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421TB

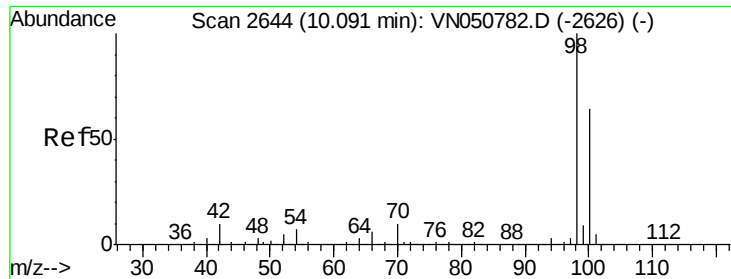
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	23.3	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 24.10 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050921.D
 Acq: 28 Aug 2018 18:38

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.5	26.3
87	14.8	11.3	16.9





#50

Toluene-d8

Concen: 46.79 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

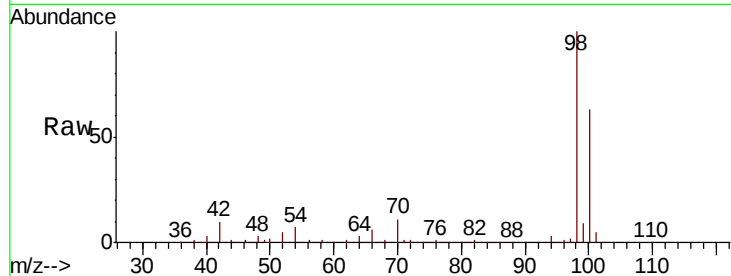
PB112421TB

Tot Ion: 98 Resp: 1348184

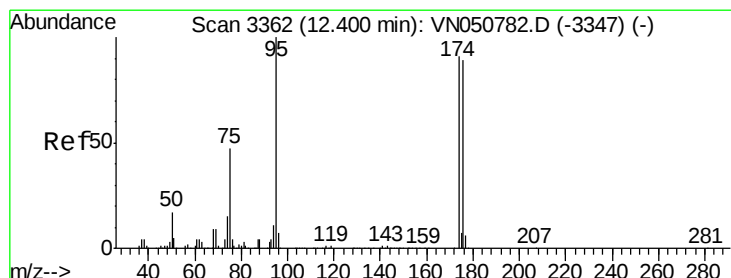
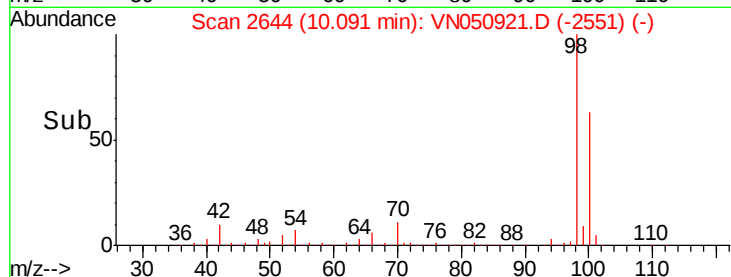
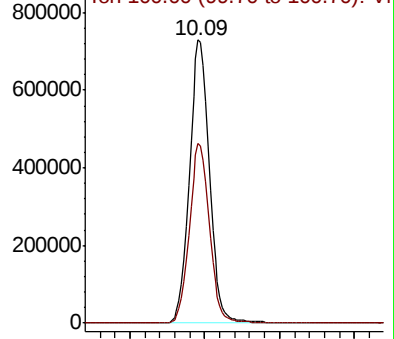
Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050782.D (-2626) (-)



#62

4-Bromofluorobenzene

Concen: 38.84 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

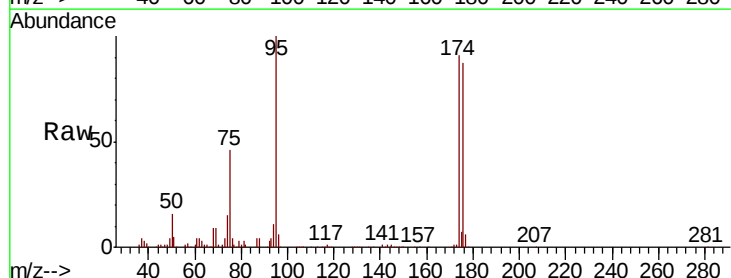
Tgt Ion: 95 Resp: 371896

Ion Ratio Lower Upper

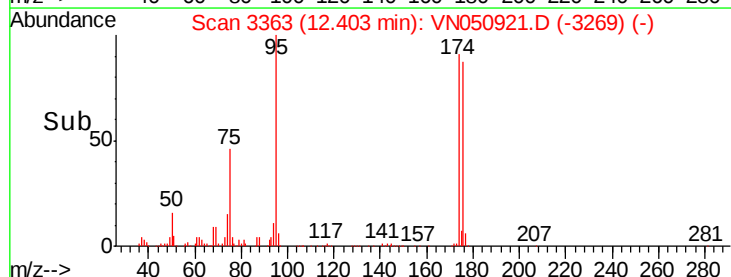
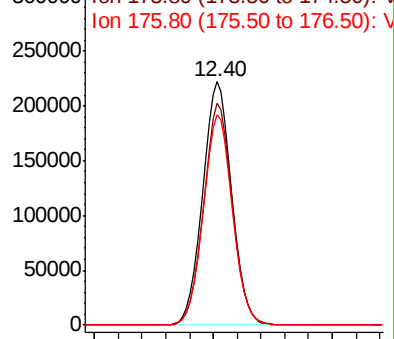
95 100

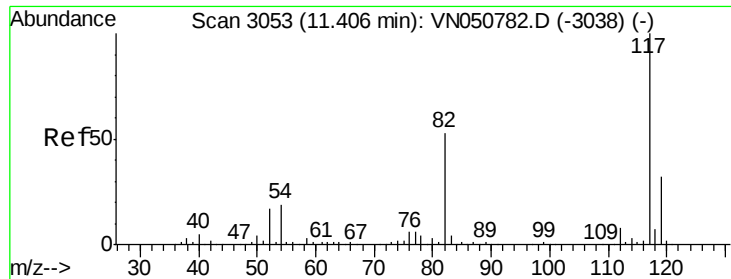
174 91.2 0.0 183.0

176 87.3 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

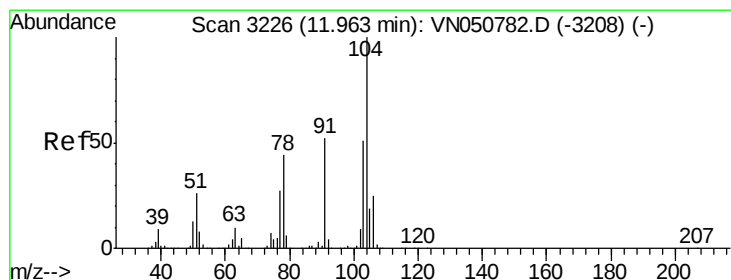
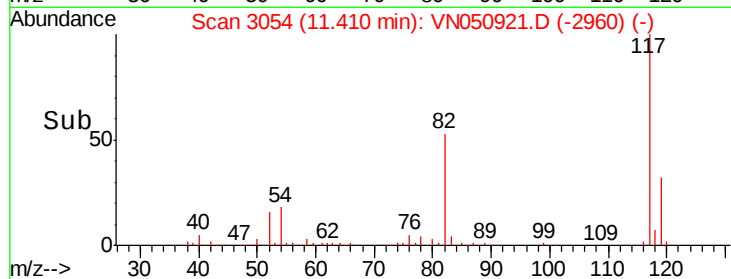
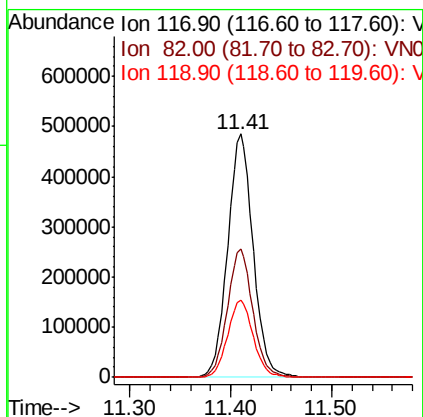
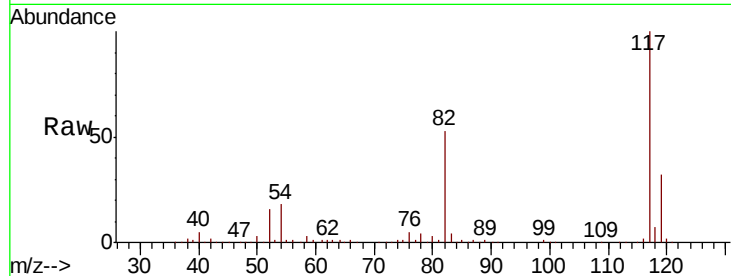




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050921.D
Acq: 28 Aug 2018 18:38

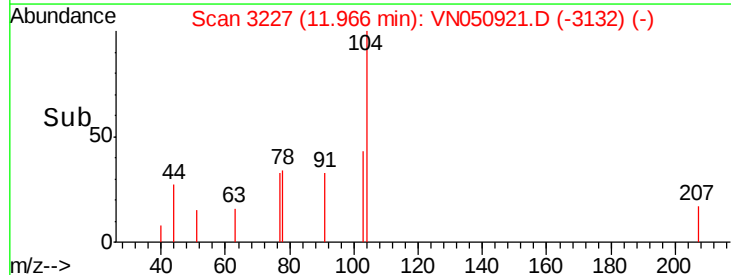
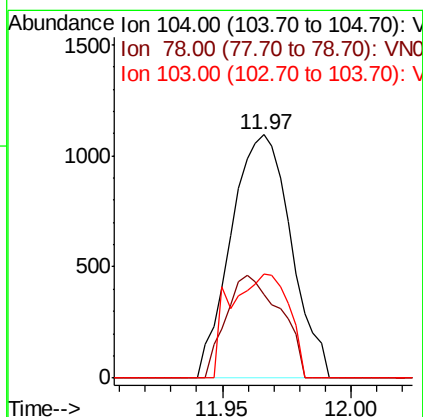
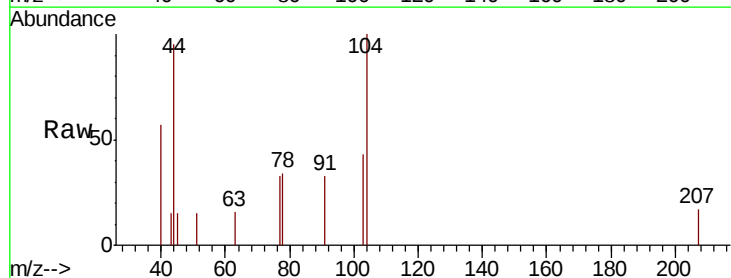
Instrument :
MSVOA_N
ClientSampled :
PB112421TB

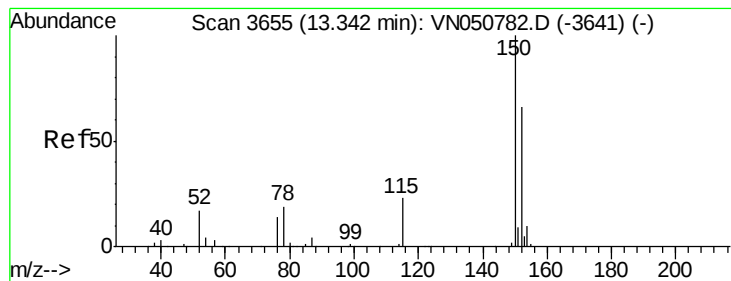
Tot Ion:117 Resp: 854193
Ion Ratio Lower Upper
117 100
82 52.6 42.6 64.0
119 31.7 25.8 38.6



#70
Styrene
Concen: 1.34 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050921.D
Acq: 28 Aug 2018 18:38

Tgt Ion:104 Resp: 1774
Ion Ratio Lower Upper
104 100
78 38.1 38.2 57.4#
103 41.5 44.4 66.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampled :

PB112421TB

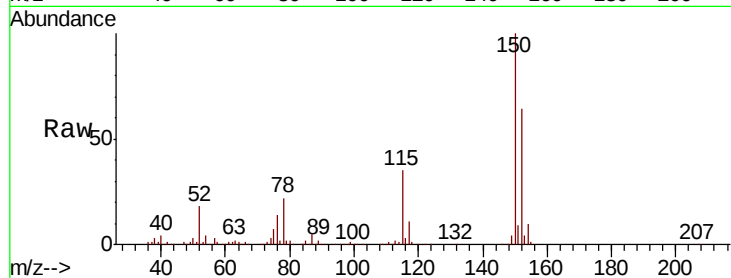
Tot Ion:152 Resp: 281723

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

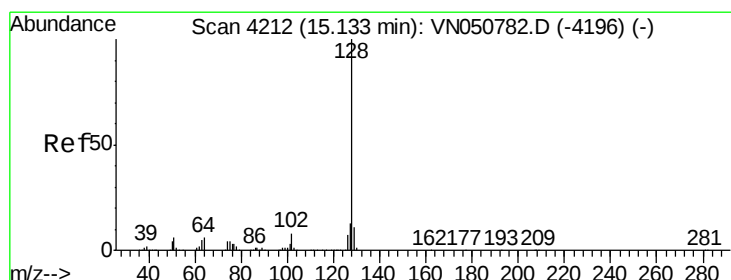
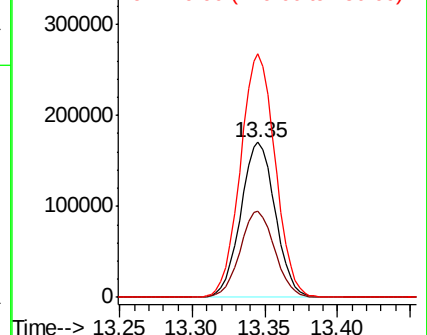
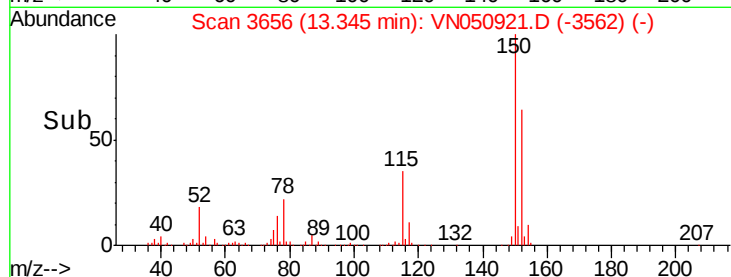
150 158.4 0.0 351.4



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: 6.05 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

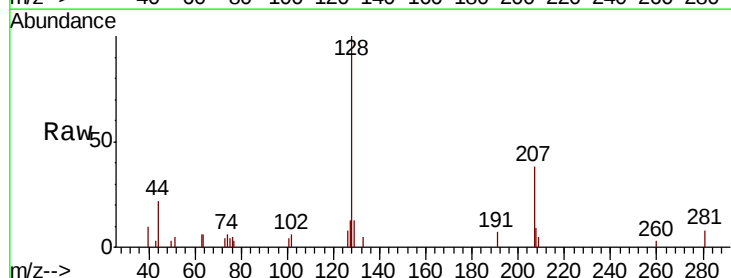
Tgt Ion:128 Resp: 8155

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 11.8 8.7 13.1



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

