

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110118\
 Data File : VN052110.D
 Acq On : 1 Nov 2018 18:29
 Operator : MD\SY
 Sample : J5200-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-103118-B

Quant Time: Nov 02 07:36:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

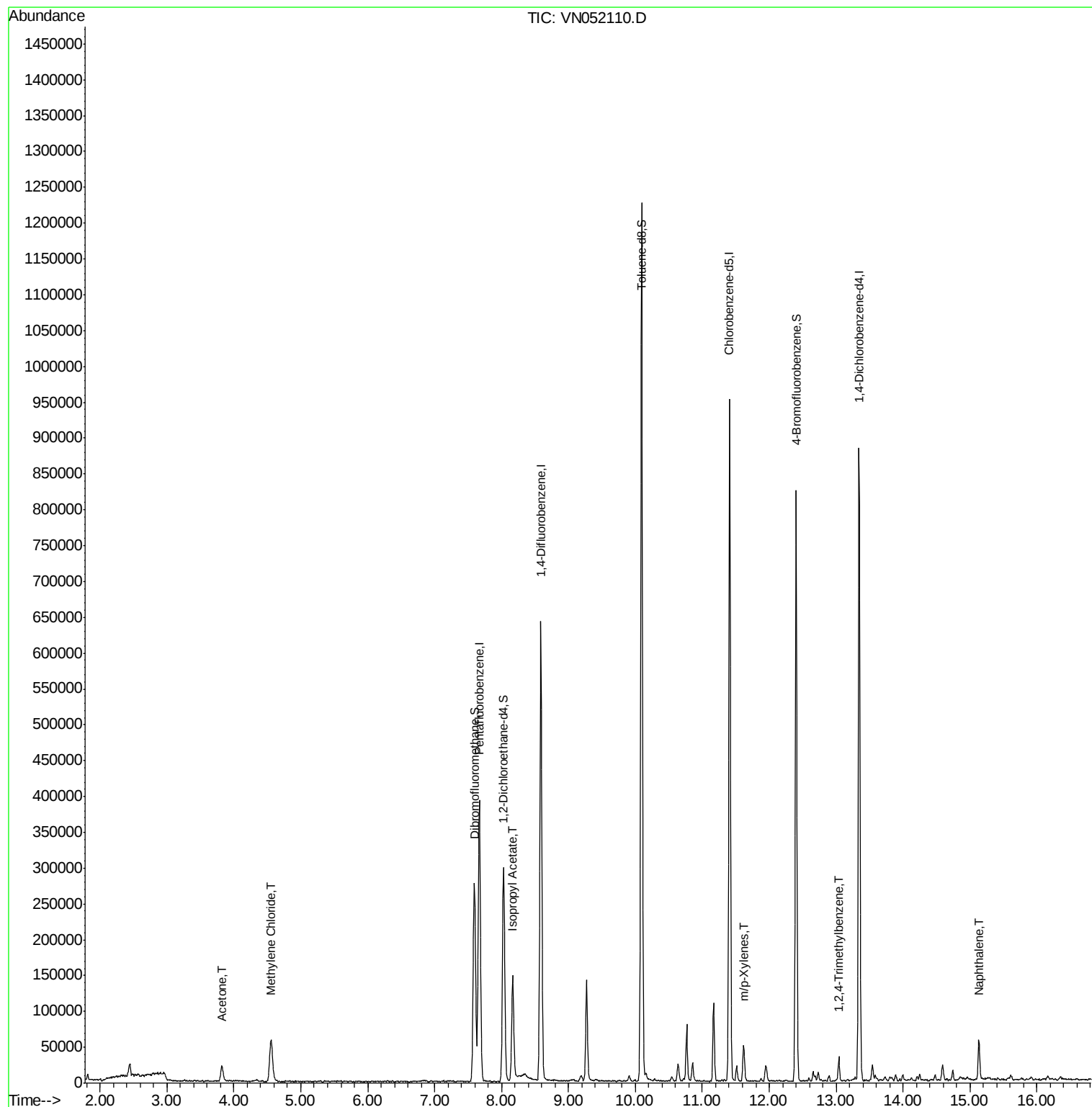
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	295806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	547739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	530826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	219054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	253413	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
35) Dibromofluoromethane	7.59	113	209899	61.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.52%	
50) Toluene-d8	10.09	98	828534	60.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.00%	
62) 4-Bromofluorobenzene	12.40	95	287003	57.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.16%	
Target Compounds						
16) Acetone	3.82	43	36138	35.666	ug/l	82
20) Methylene Chloride	4.56	84	41381	10.718	ug/l	95
43) Isopropyl Acetate	8.17	43	178426	26.911	ug/l	99
68) m/p-Xylenes	11.62	106	15282	2.141	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	18278	1.205	ug/l	100
95) Naphthalene	15.13	128	45128	7.190	ug/l	99

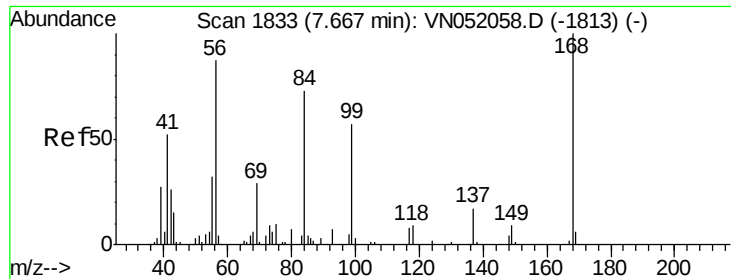
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

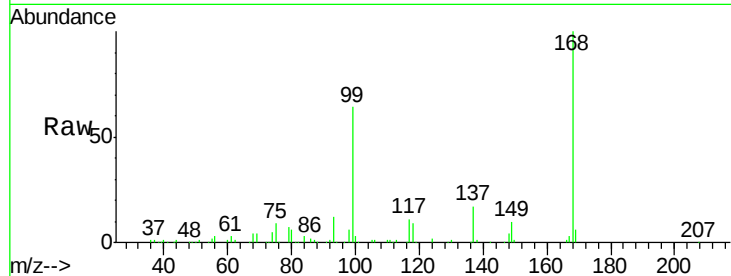
OR-03-103118-B

Tgt Ion:168 Resp: 295806

Ion Ratio Lower Upper

168 100

99 63.7 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): VN052110.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052110.D (-1740) (-)

7.67

150000

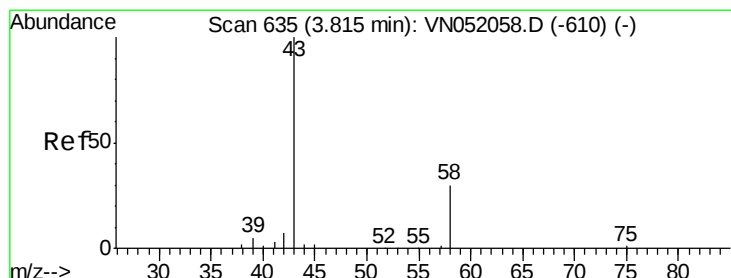
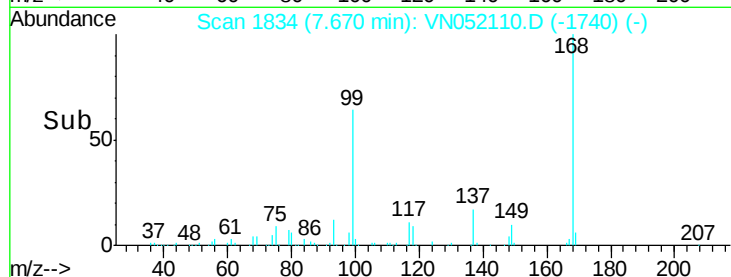
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 35.666 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052110.D

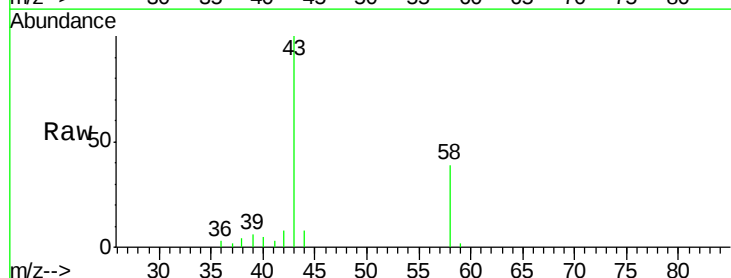
Acq: 1 Nov 2018 18:29

Tgt Ion: 43 Resp: 36138

Ion Ratio Lower Upper

43 100

58 39.8 24.2 36.2#



Abundance Ion 43.00 (42.70 to 43.70): VN052110.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052110.D (-542) (-)

3.82

15000

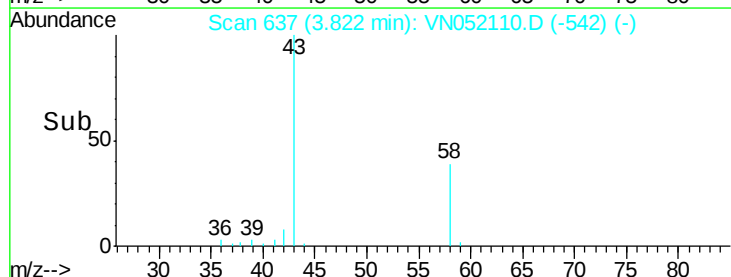
10000

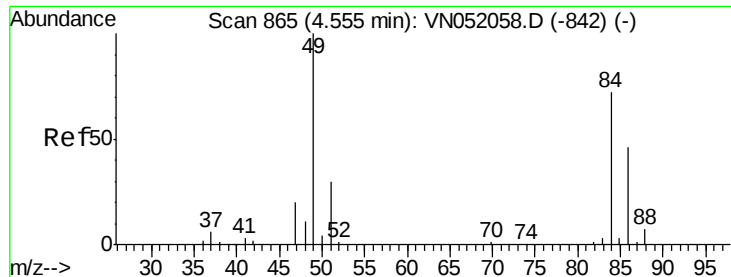
5000

0

3.75 3.80 3.85 3.90

Time-->

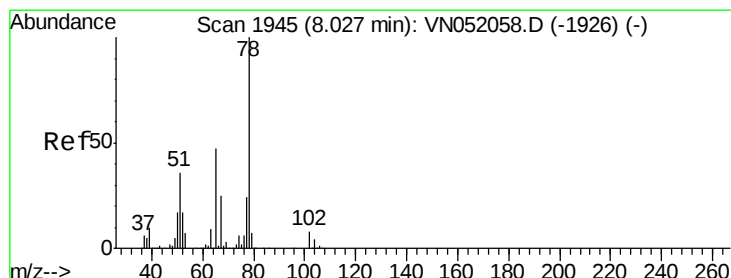
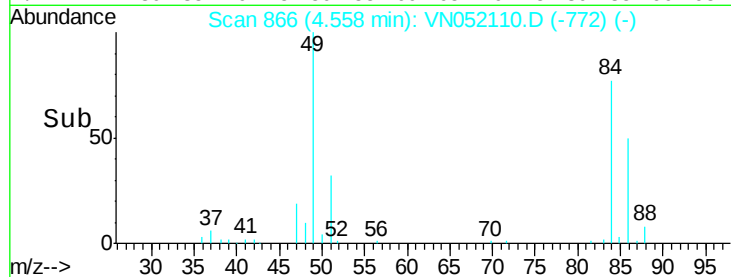
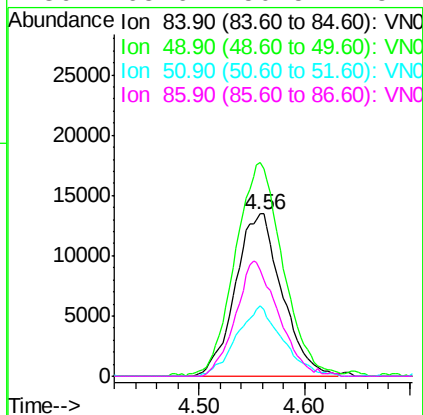
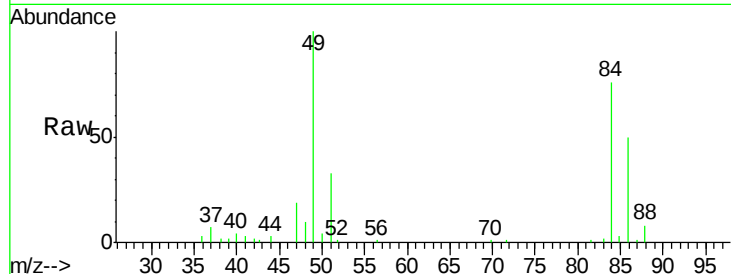




#20
Methylene Chloride
Concen: 10.718 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

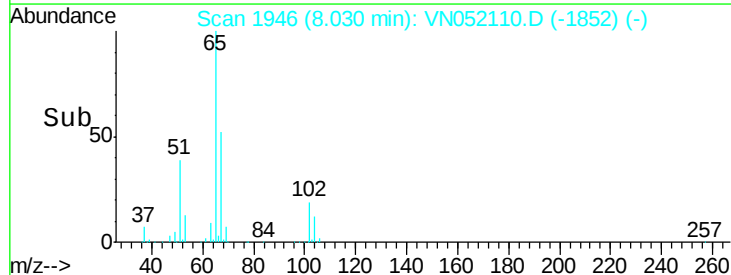
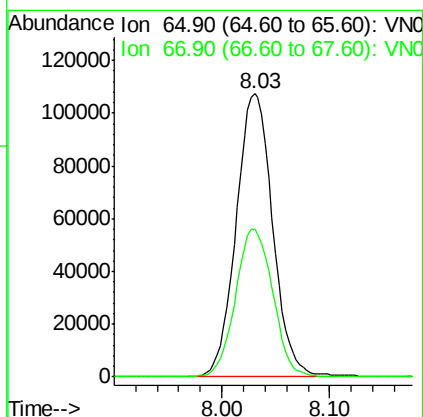
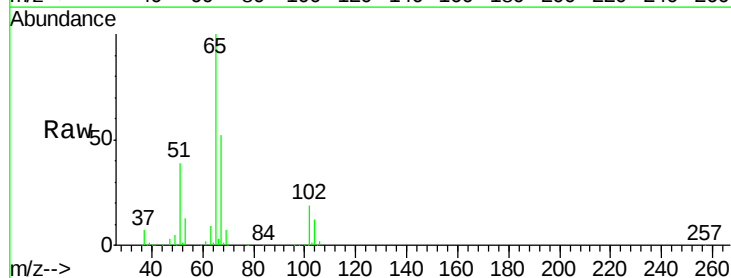
Instrument :
MSVOA_N
ClientSampleId :
OR-03-103118-B

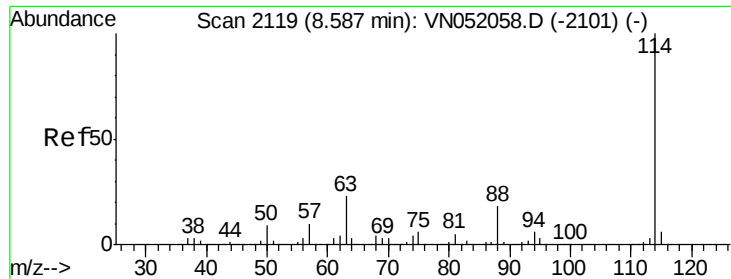
Tgt Ion: 84 Resp: 41381
Ion Ratio Lower Upper
84 100
49 130.2 110.6 165.8
51 43.3 33.7 50.5
86 65.6 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

Tgt Ion: 65 Resp: 253413
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-B

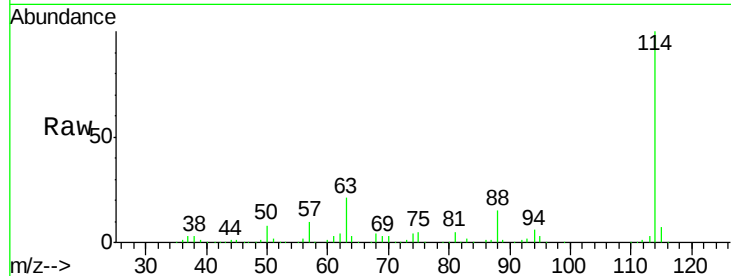
Tgt Ion:114 Resp: 547739

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.0

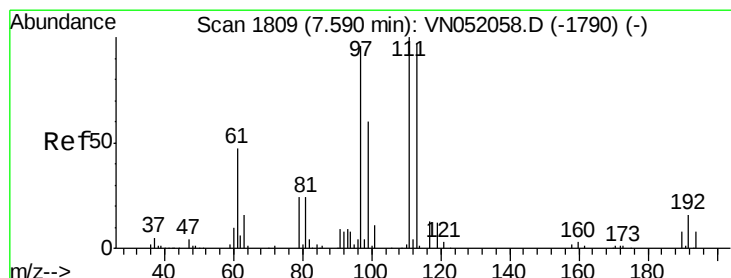
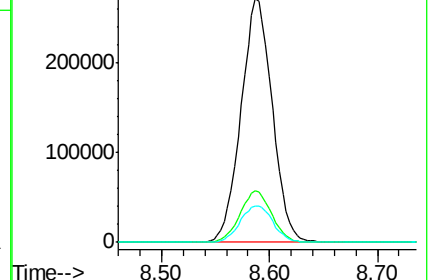
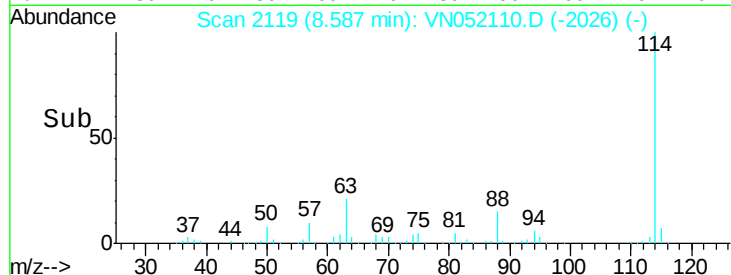
88 15.0 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

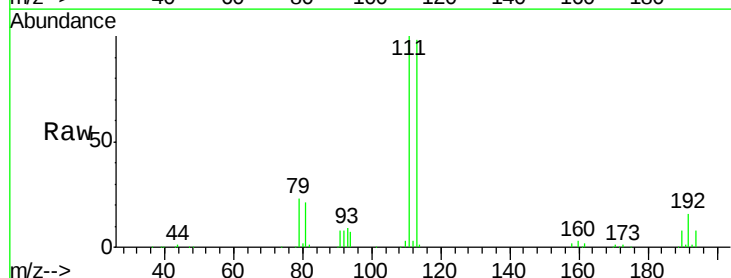
Tgt Ion:113 Resp: 209899

Ion Ratio Lower Upper

113 100

111 104.3 83.1 124.7

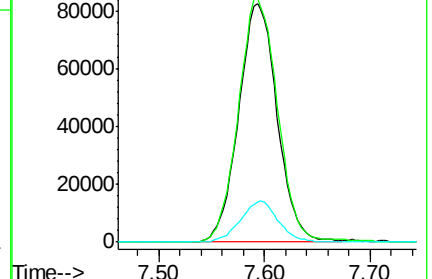
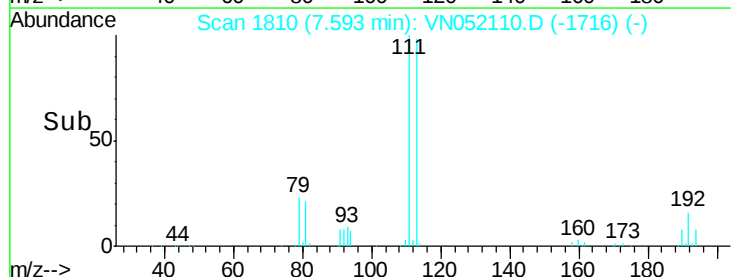
192 16.8 12.7 19.1

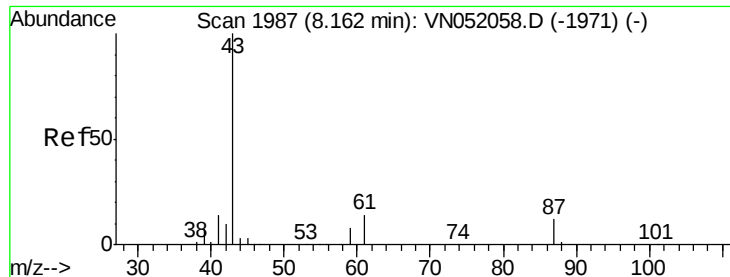


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 26.911 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-B

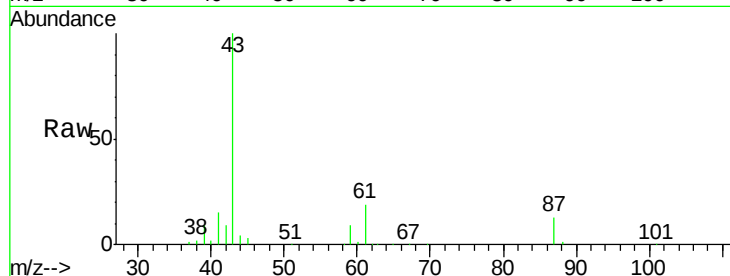
Tgt Ion: 43 Resp: 178426

Ion Ratio Lower Upper

43 100

61 18.7 15.4 23.0

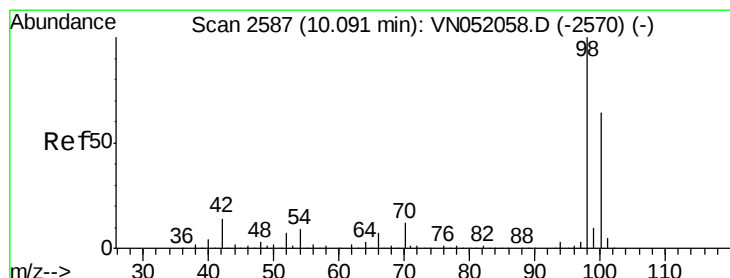
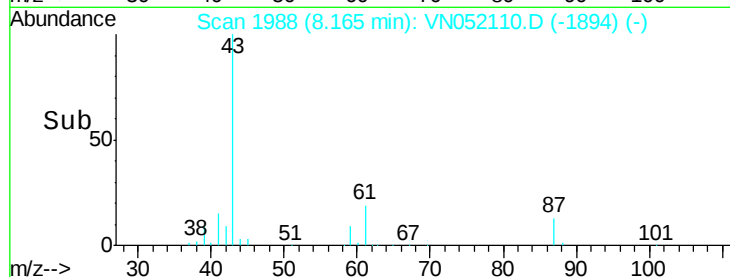
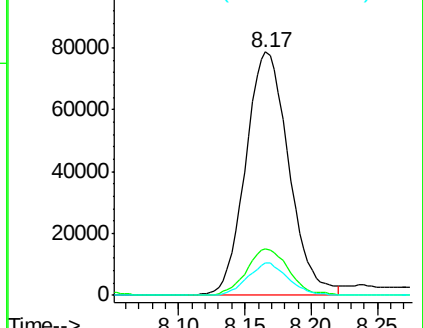
87 12.4 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN052110.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052110.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052110.D (-1971) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052110.D

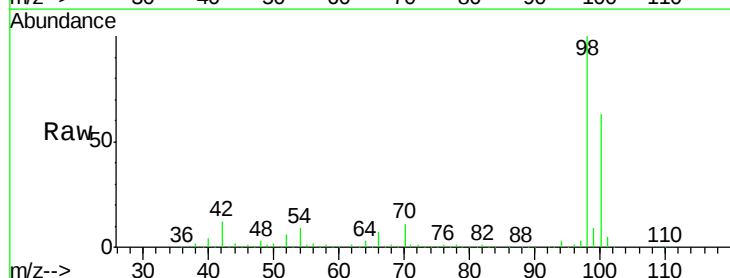
Acq: 1 Nov 2018 18:29

Tgt Ion: 98 Resp: 828534

Ion Ratio Lower Upper

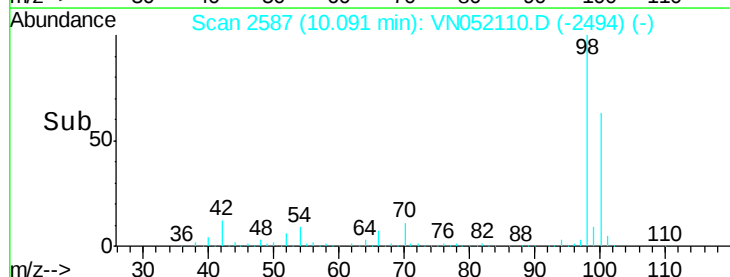
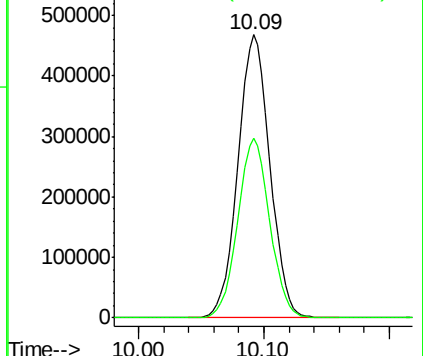
98 100

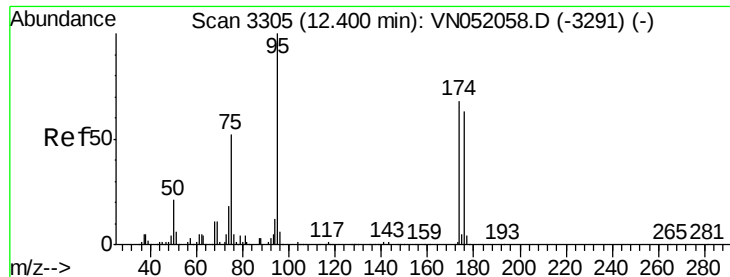
100 63.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN052110.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN052110.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-B

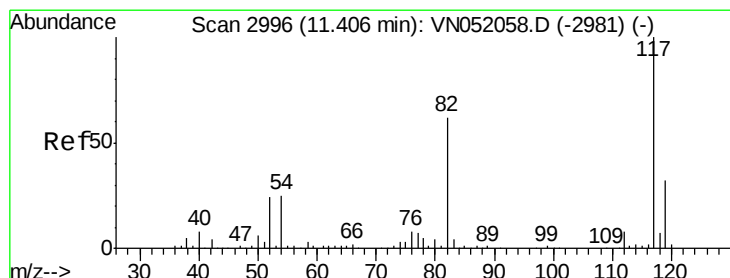
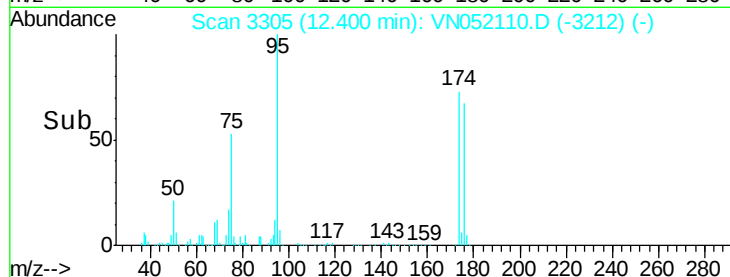
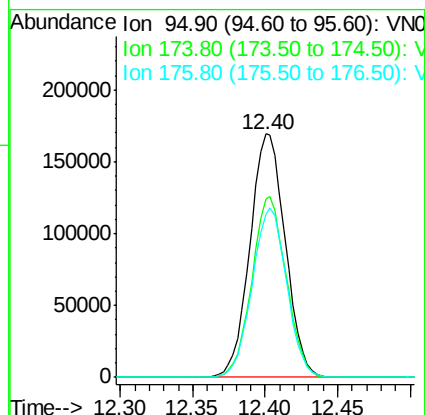
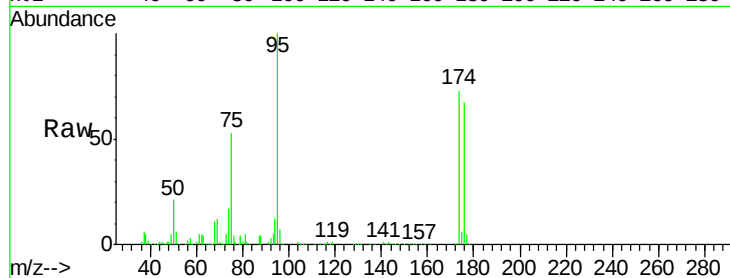
Tgt Ion: 95 Resp: 287003

Ion Ratio Lower Upper

95 100

174 72.4 0.0 131.8

176 68.1 0.0 126.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

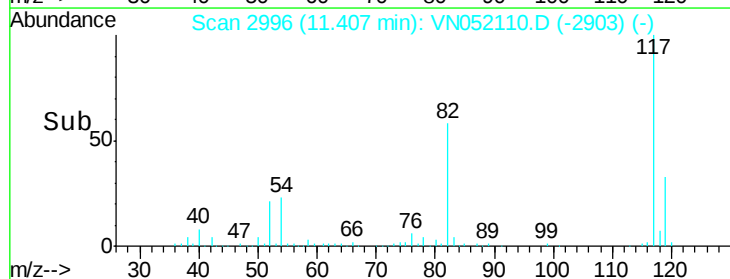
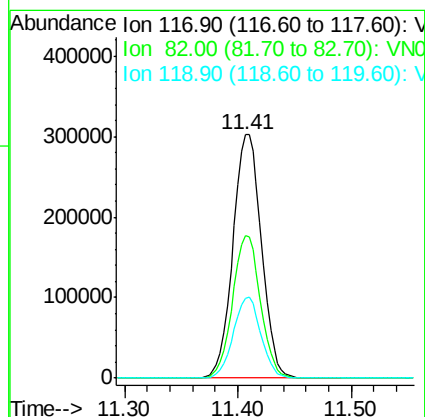
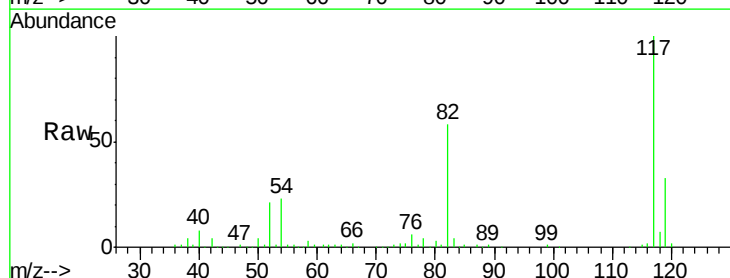
Tgt Ion: 117 Resp: 530826

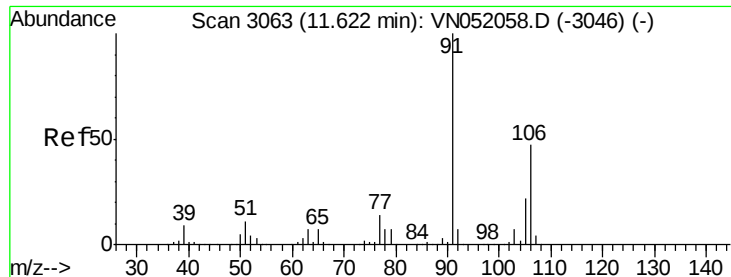
Ion Ratio Lower Upper

117 100

82 58.4 49.9 74.9

119 32.8 25.7 38.5

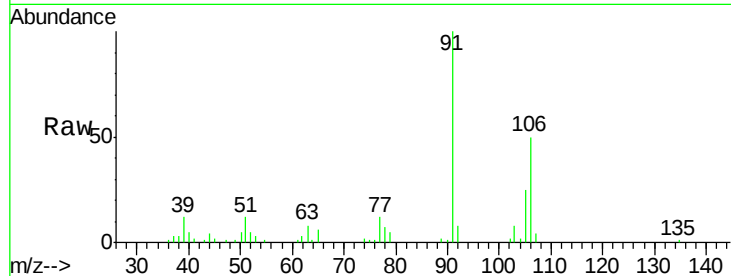




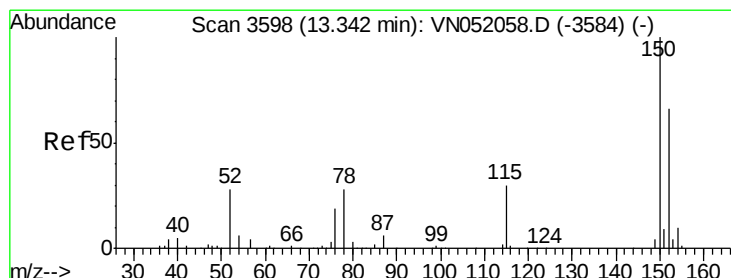
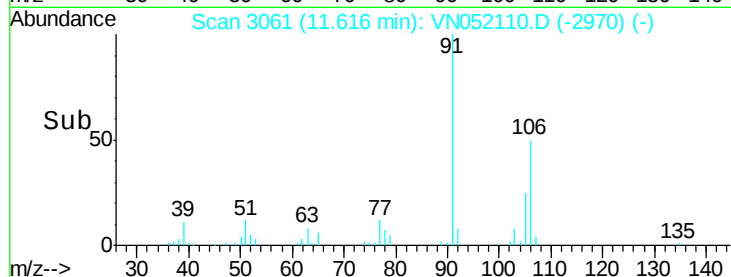
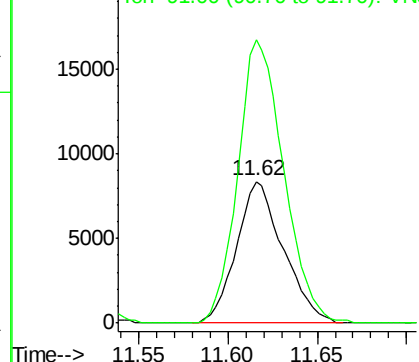
#68
m/p-Xylenes
Concen: 2.141 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

Instrument :
MSVOA_N
ClientSampleId :
OR-03-103118-B

Tgt Ion:106 Resp: 15282
Ion Ratio Lower Upper
106 100
91 197.0 168.7 253.1

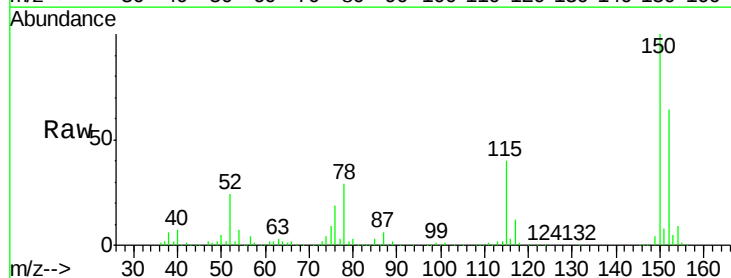


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

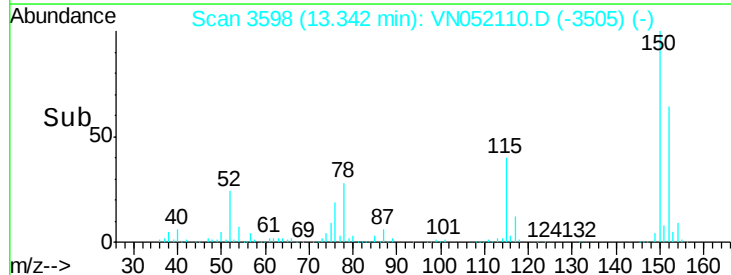
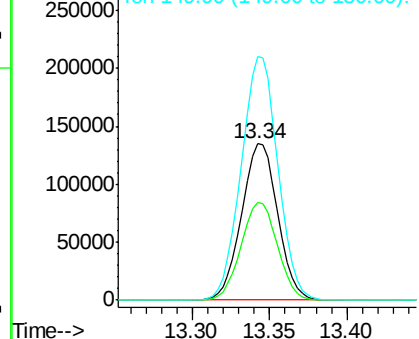


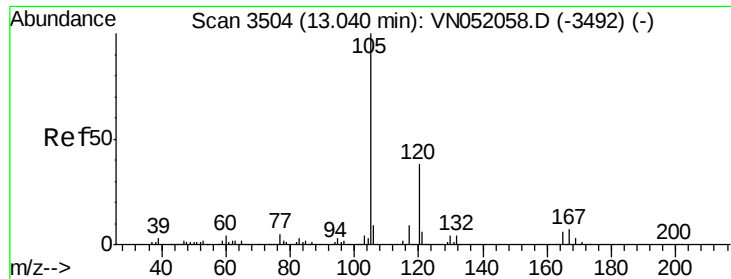
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

Tgt Ion:152 Resp: 219054
Ion Ratio Lower Upper
152 100
115 62.9 31.6 95.0
150 157.9 0.0 345.0



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





#84

1,2,4-Trimethylbenzene

Concen: 1.205 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

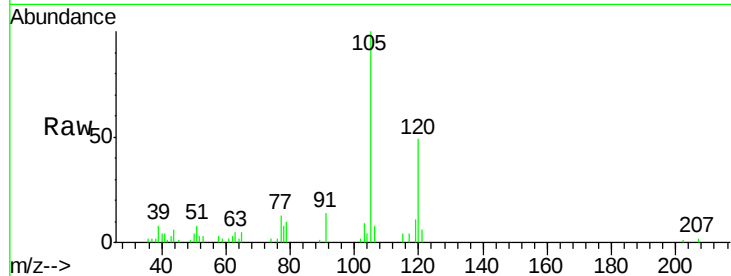
OR-03-103118-B

Tgt Ion:105 Resp: 18278

Ion Ratio Lower Upper

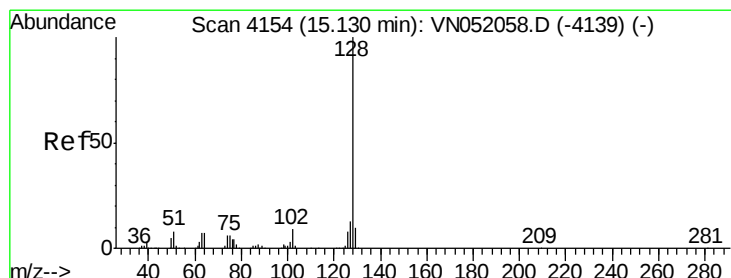
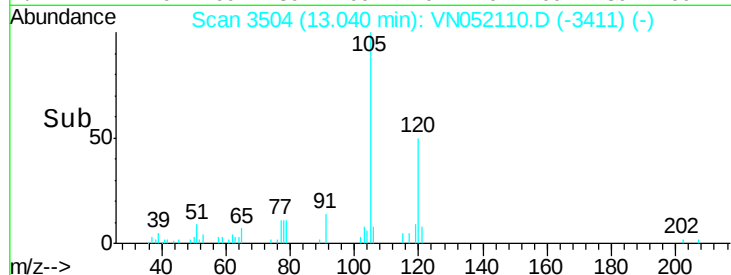
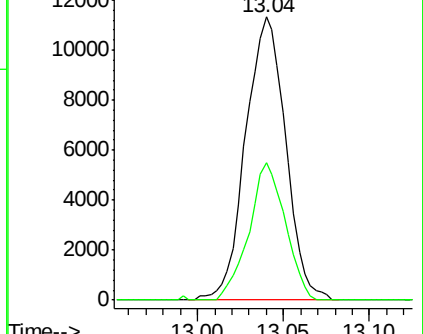
105 100

120 44.0 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 7.190 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

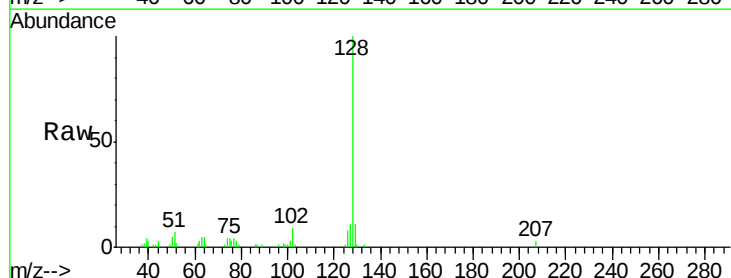
Tgt Ion:128 Resp: 45128

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.2 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

