

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053367.D
 Acq On : 11 Jan 2019 15:36
 Operator : JC/SP
 Sample : K1124-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

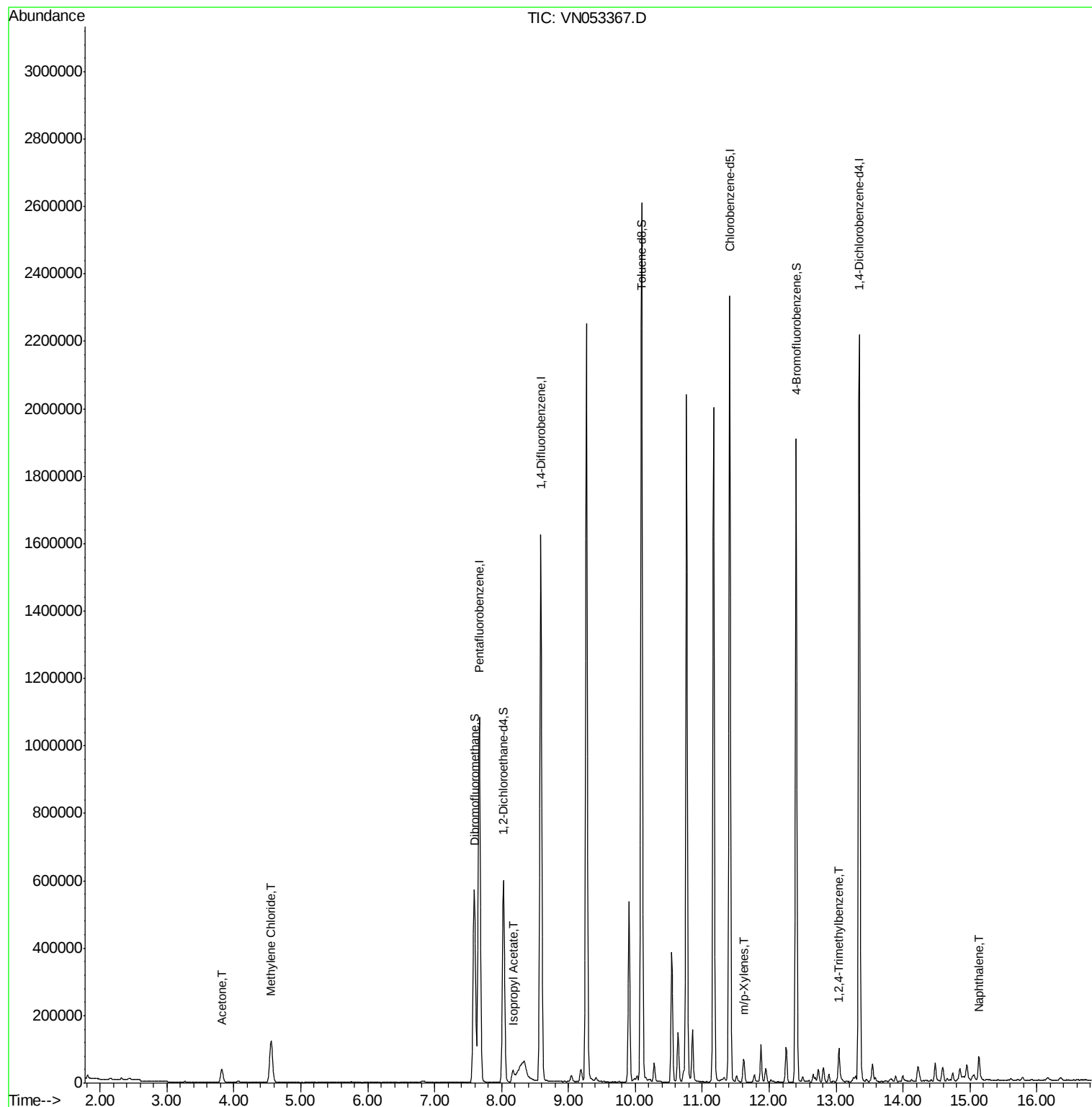
Quant Time: Jan 12 01:37:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

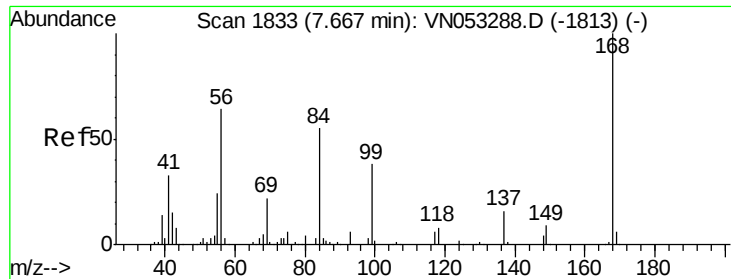
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	965116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1524099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1426177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	638788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	492617	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	7.59	113	441952	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
50) Toluene-d8	10.09	98	1879572	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	658995	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
Target Compounds						
16) Acetone	3.82	43	68910	26.518	ug/l	98
20) Methylene Chloride	4.55	84	97486	9.040	ug/l	96
43) Isopropyl Acetate	8.17	43	45226	2.481	ug/l #	82
68) m/p-Xylenes	11.62	106	21970	1.110	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	57156	1.464	ug/l	100
95) Naphthalene	15.13	128	65943	5.871	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053367.D

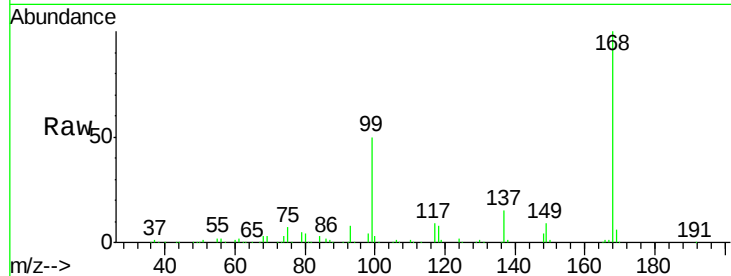
Acq: 11 Jan 2019 15:36

Tot Ion:168 Resp: 965116

Ion Ratio Lower Upper

168 100

99 50.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

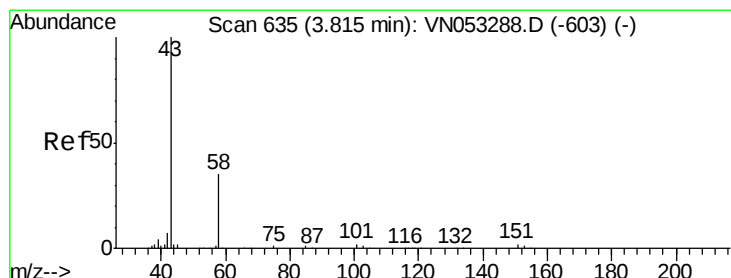
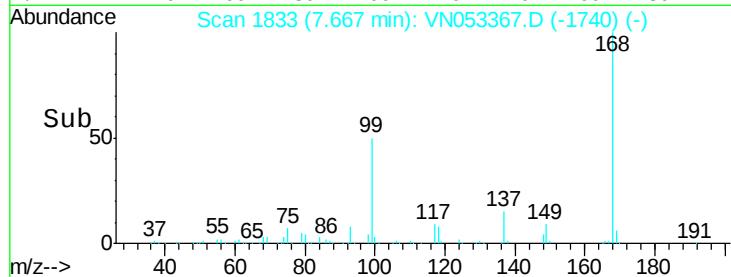
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 26.518 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053367.D

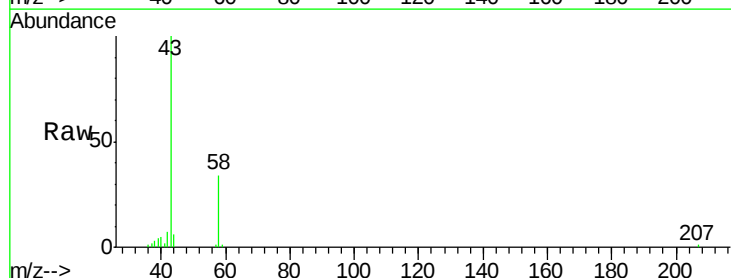
Acq: 11 Jan 2019 15:36

Tgt Ion: 43 Resp: 68910

Ion Ratio Lower Upper

43 100

58 33.6 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

30000

25000

20000

15000

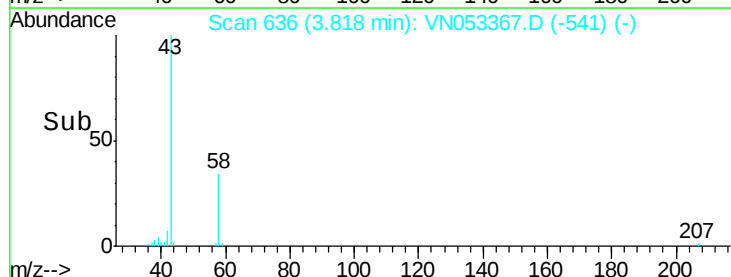
10000

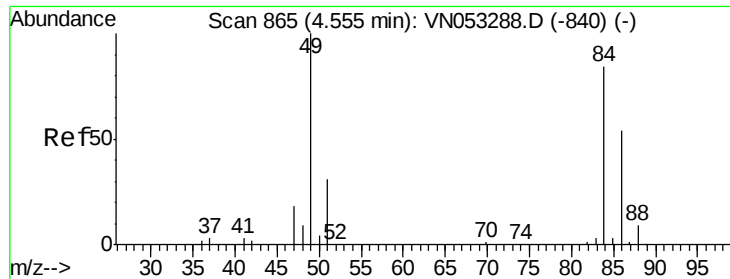
5000

0

3.70 3.80 3.90

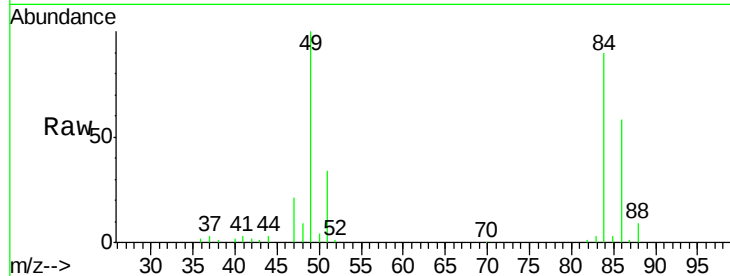
Time-->



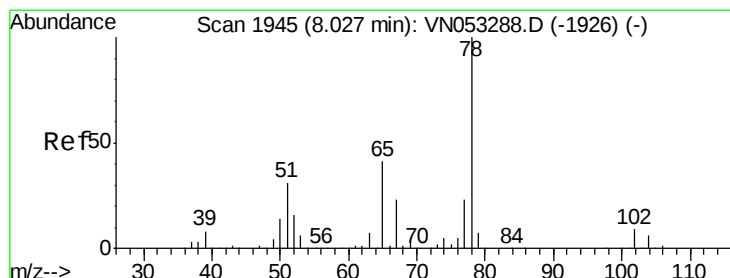
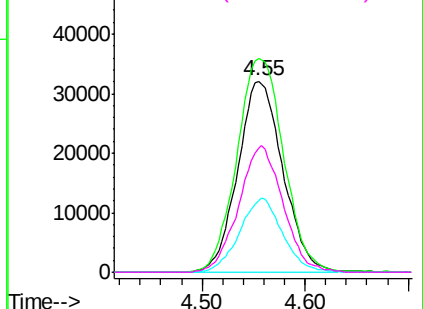
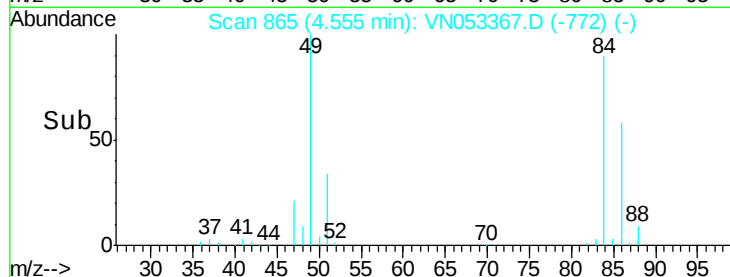


#20
Methvlene Chloride
Concen: 9.040 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053367.D
Acq: 11 Jan 2019 15:36

Tot Ion: 84 Resp: 97486
Ion Ratio Lower Upper
84 100
49 111.6 95.3 142.9
51 37.7 29.0 43.6
86 65.0 51.7 77.5

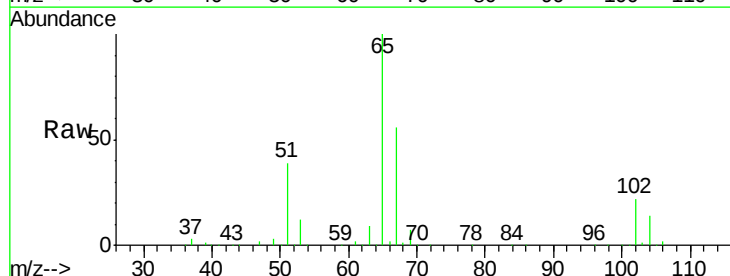


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

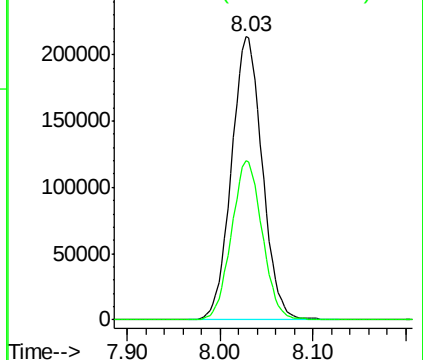
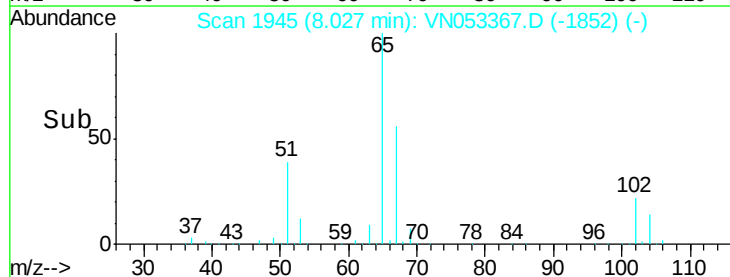


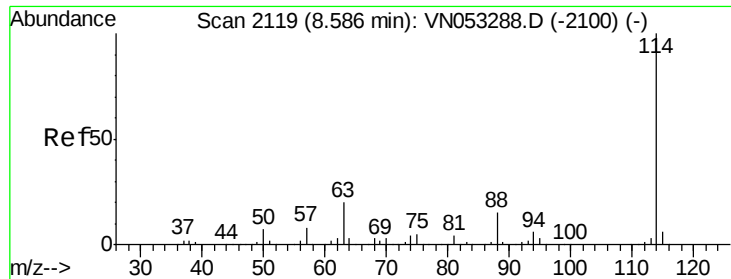
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053367.D
Acq: 11 Jan 2019 15:36

Tgt Ion: 65 Resp: 492617
Ion Ratio Lower Upper
65 100
67 56.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

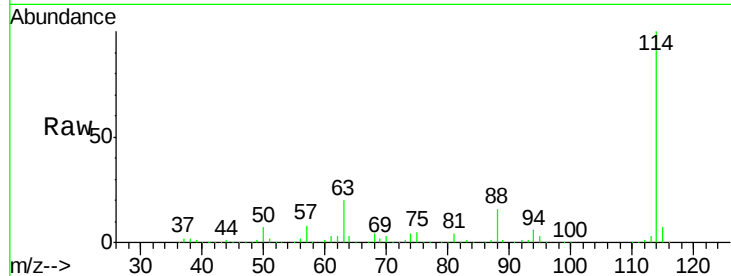




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053367.D
Acq: 11 Jan 2019 15:36

Tot Ion:114 Resp: 1524099

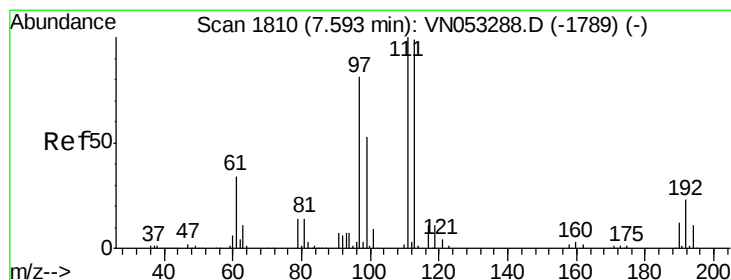
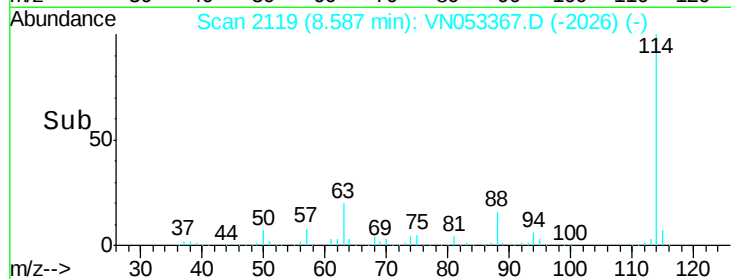
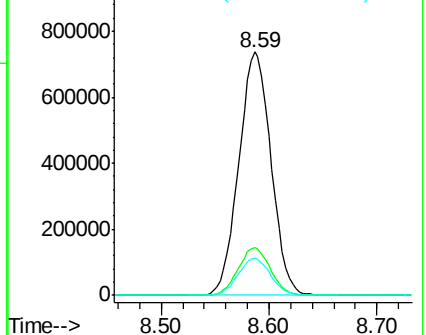
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.6	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

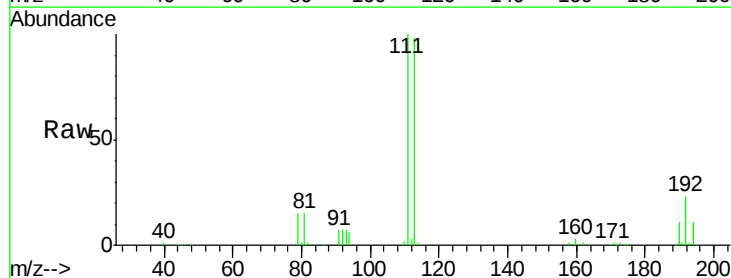
Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053367.D
Acq: 11 Jan 2019 15:36

Tgt Ion:113 Resp: 441952

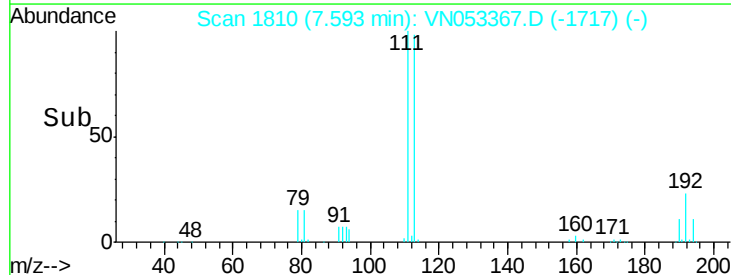
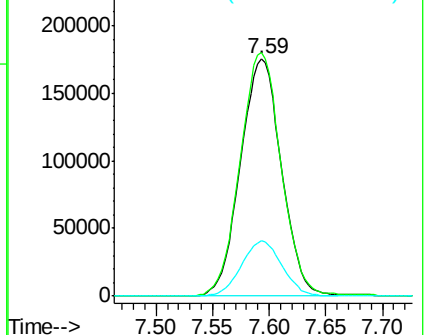
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.2
192	23.2	17.9	26.9

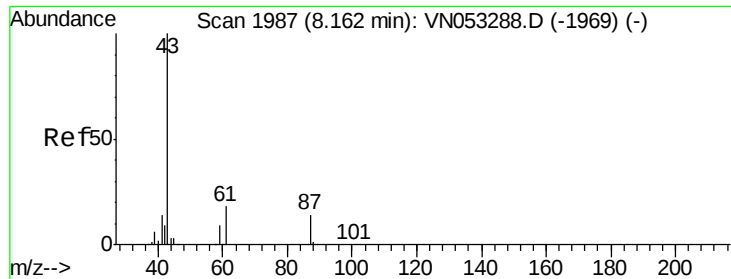


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.481 ug/l

RT: 8.17 min Scan# 1988

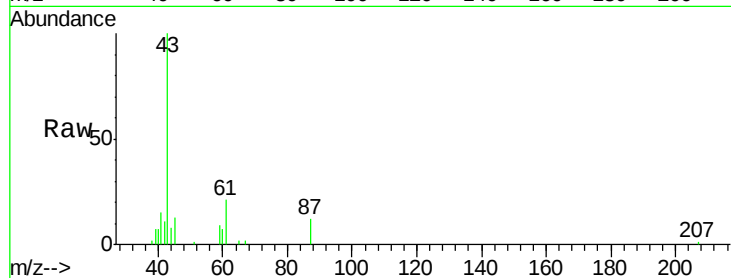
Delta R.T. 0.00 min

Lab File: VN053367.D

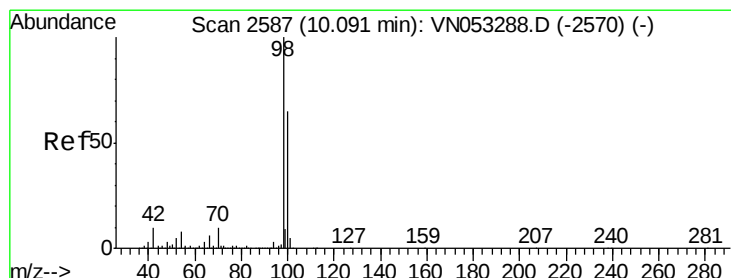
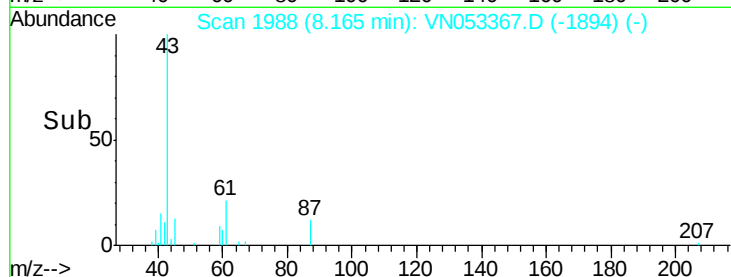
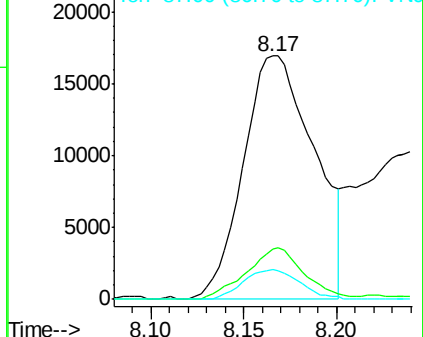
Acq: 11 Jan 2019 15:36

Tot Ion: 43 Resp: 45226

Ion	Ratio	Lower	Upper
43	100		
61	17.3	23.3	34.9#
87	9.7	10.8	16.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1969) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

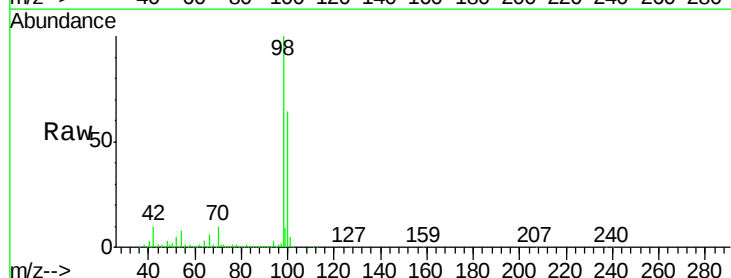
Delta R.T. 0.00 min

Lab File: VN053367.D

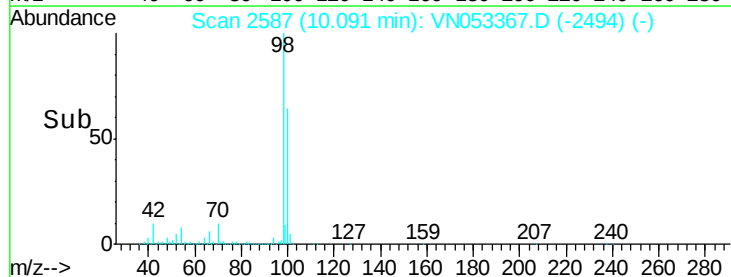
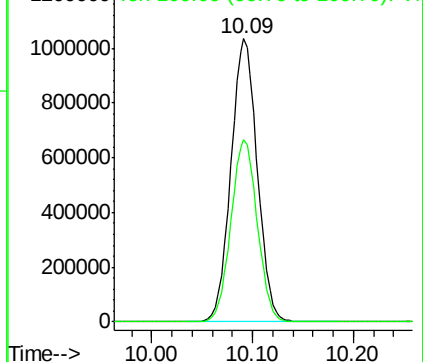
Acq: 11 Jan 2019 15:36

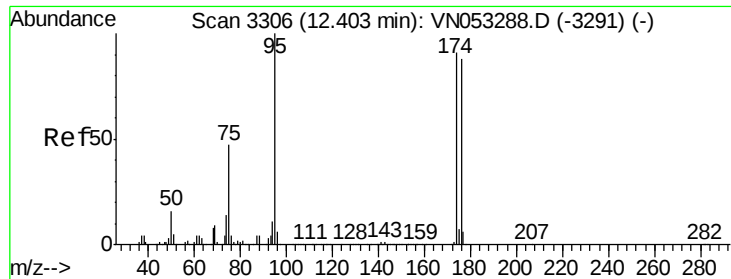
Tgt Ion: 98 Resp: 1879572

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053288.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053367.D

Acq: 11 Jan 2019 15:36

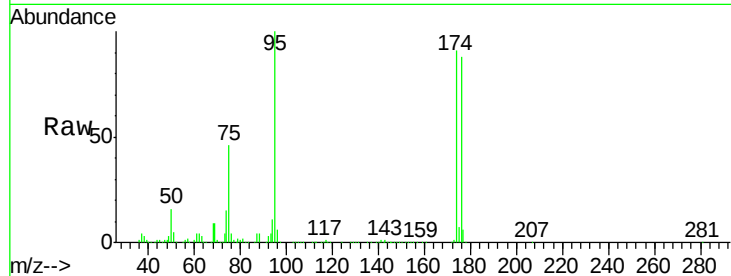
Tot Ion: 95 Resp: 658995

Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.4

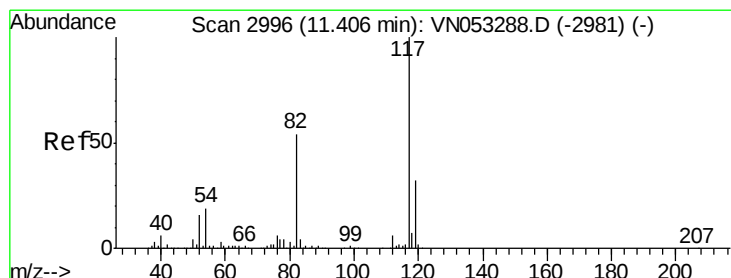
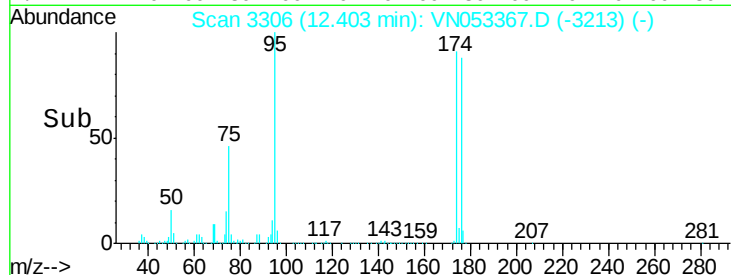
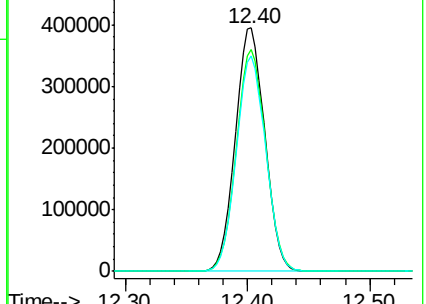
176 88.1 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053288.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053288.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053367.D

Acq: 11 Jan 2019 15:36

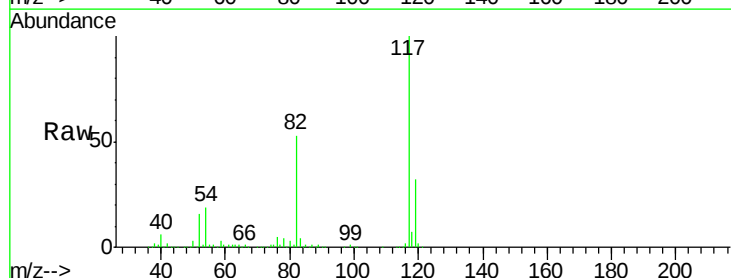
Tgt Ion: 117 Resp: 1426177

Ion Ratio Lower Upper

117 100

82 52.8 42.9 64.3

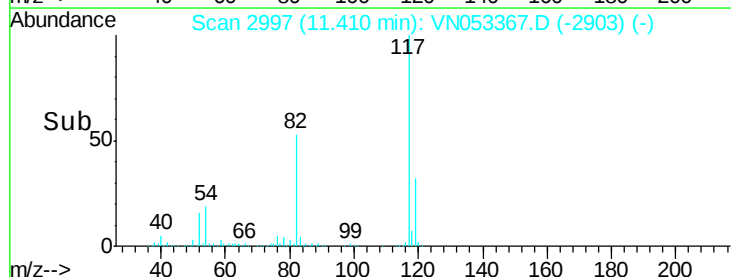
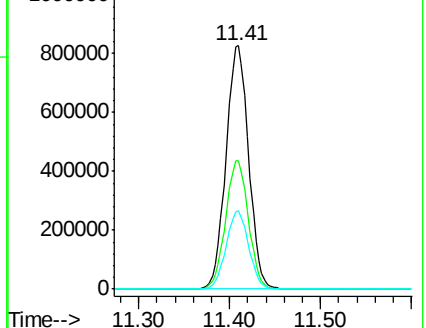
119 32.0 25.6 38.4

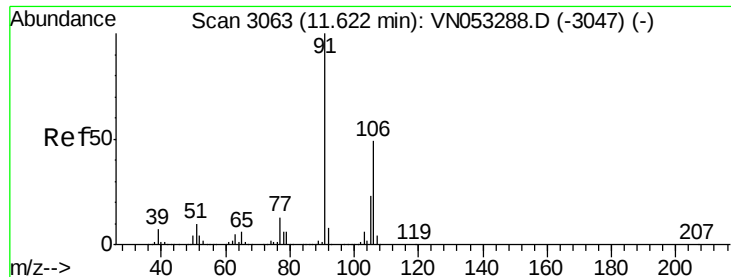


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053288.D (-2981) (-)

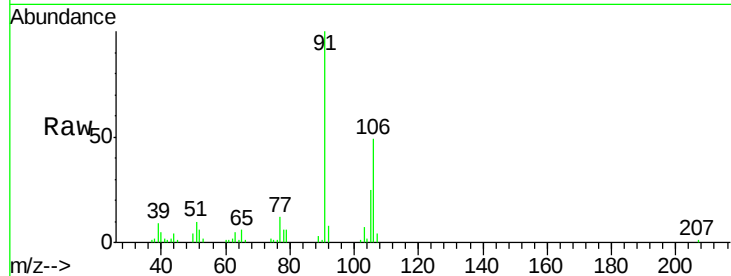
Ion 118.90 (118.60 to 119.60): VN053288.D (-2981) (-)



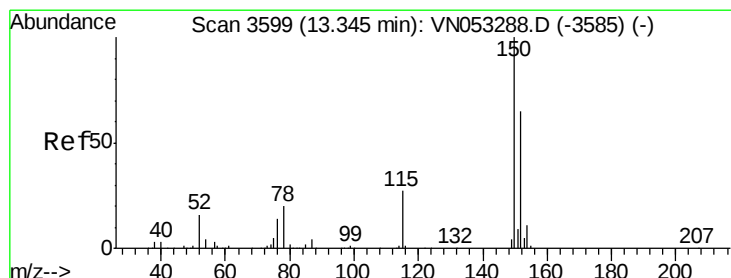
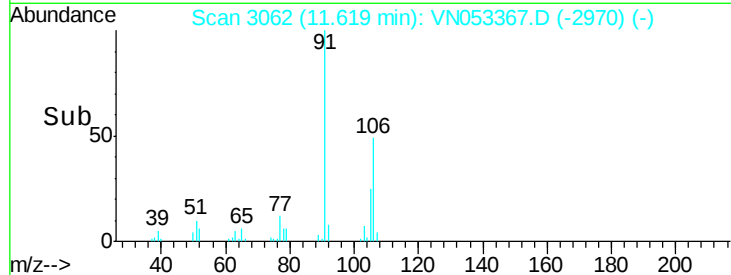
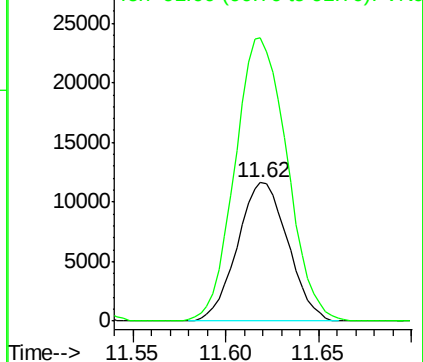


#68
m/p-Xvlenes
Concen: 1.110 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053367.D
Acq: 11 Jan 2019 15:36

Tot Ion:106 Resp: 21970
Ion Ratio Lower Upper
106 100
91 211.2 161.4 242.2

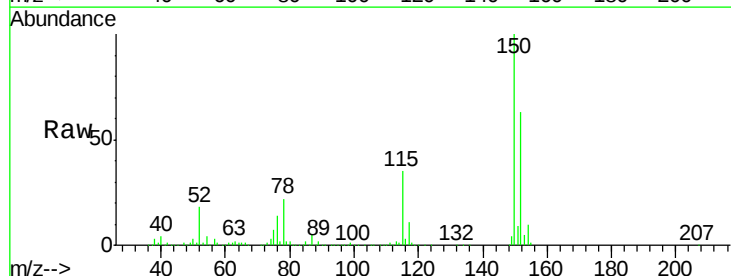


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

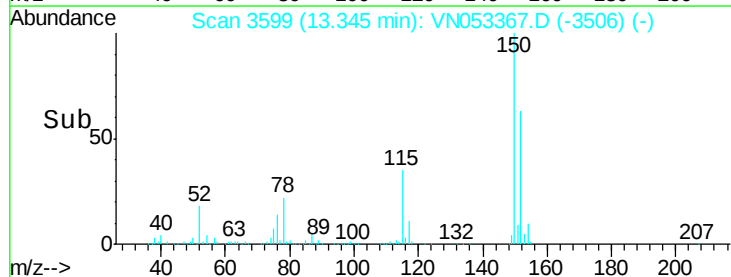
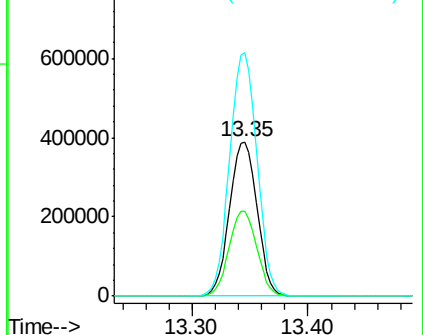


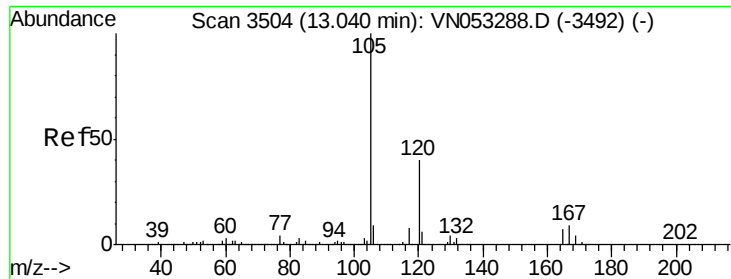
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053367.D
Acq: 11 Jan 2019 15:36

Tgt Ion:152 Resp: 638788
Ion Ratio Lower Upper
152 100
115 55.6 28.0 84.0
150 157.1 0.0 346.6



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: 1.464 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053367.D

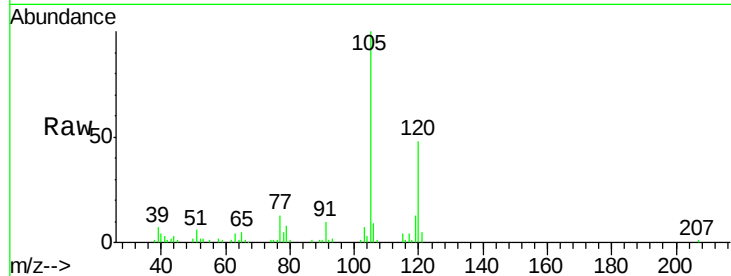
Acq: 11 Jan 2019 15:36

Tot Ion:105 Resp: 57156

Ion Ratio Lower Upper

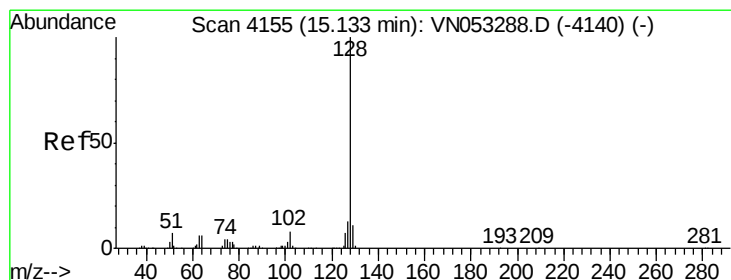
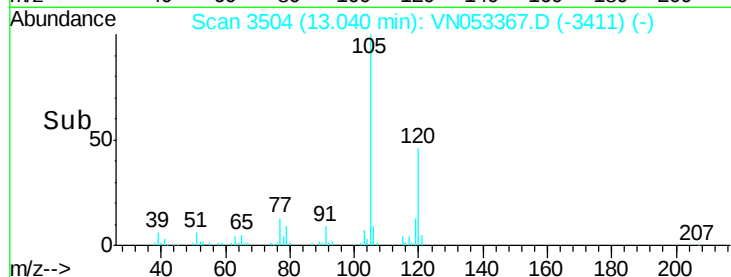
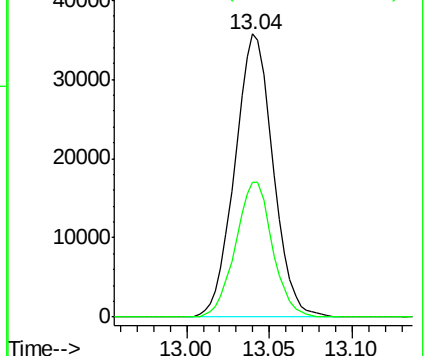
105 100

120 46.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 5.871 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053367.D

Acq: 11 Jan 2019 15:36

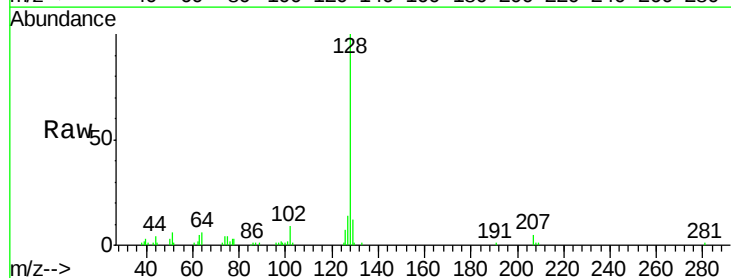
Tgt Ion:128 Resp: 65943

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.6 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

