

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
 Data File : VN059907.D
 Acq On : 29 Jan 2020 13:13
 Operator : JC/MD
 Sample : L1287-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC-3-EXC-PIT-(0-5)-A

Quant Time: Jan 30 00:42:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

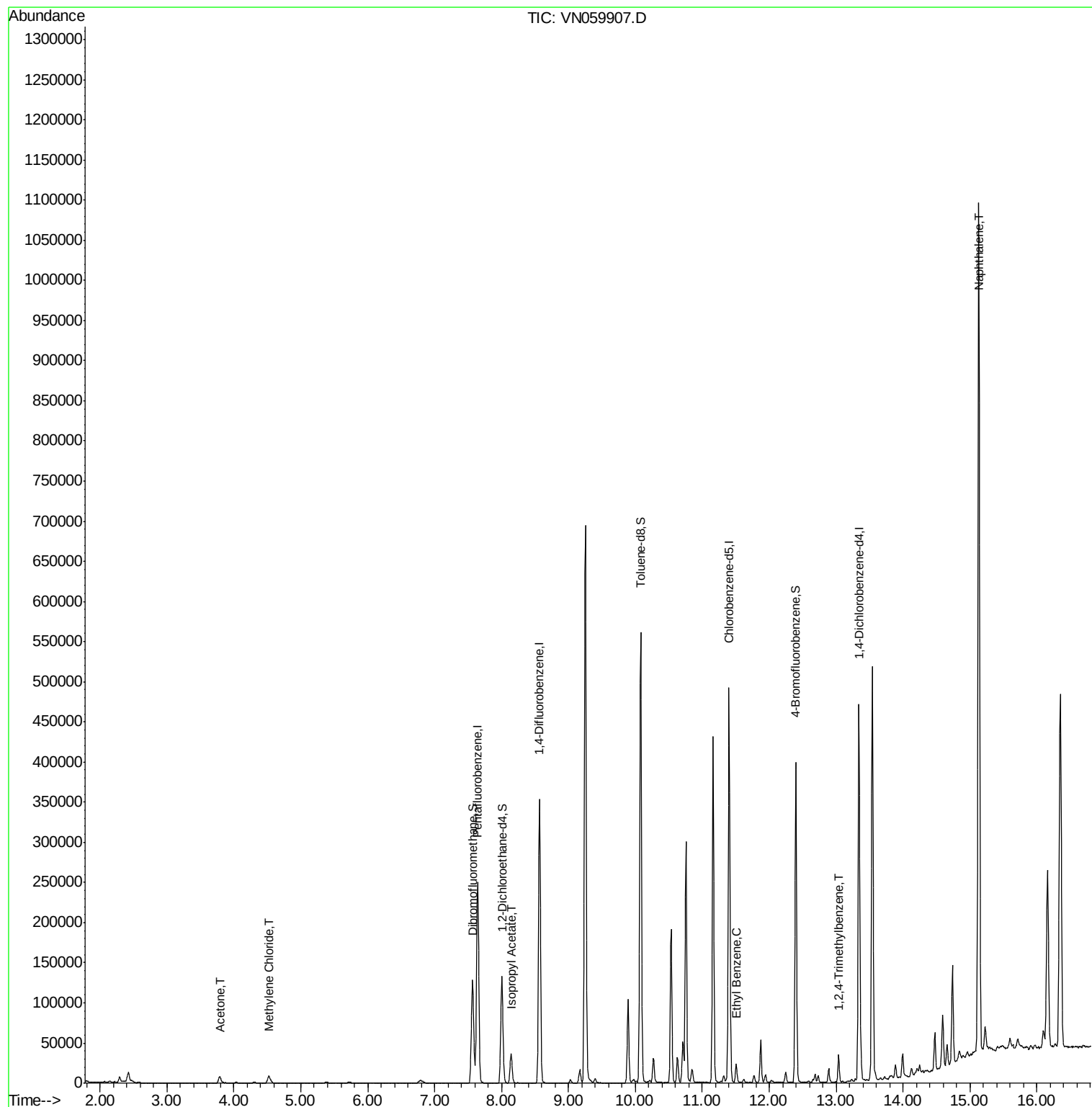
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	218827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	328686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	113771	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
35) Dibromofluoromethane	7.57	113	98959	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
50) Toluene-d8	10.08	98	389989	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.40	95	131648	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
Target Compounds						
16) Acetone	3.79	43	13683	6.769	ug/l	98
20) Methylene Chloride	4.52	84	7160	2.015	ug/l #	85
43) Isopropyl Acetate	8.14	43	42584	9.222	ug/l #	91
67) Ethyl Benzene	11.51	91	17981	1.703	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	19786	2.491	ug/l	98
95) Naphthalene	15.13	128	930031	131.078	ug/l	100

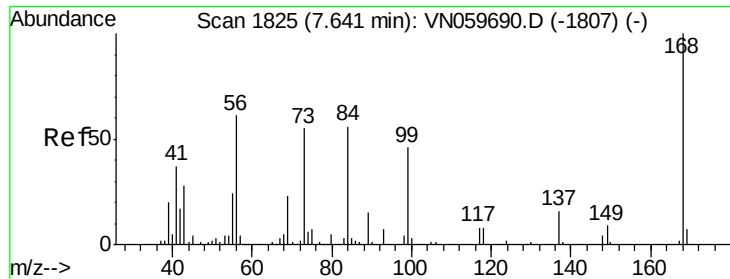
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059907.D

Acq: 29 Jan 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

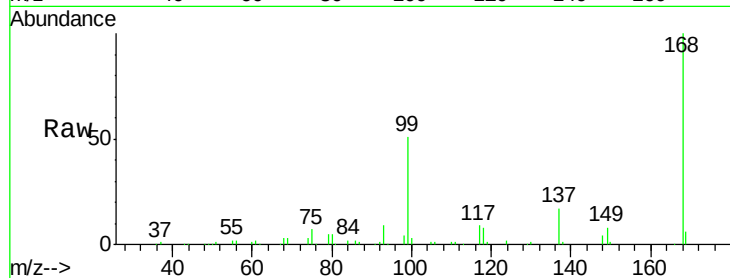
AOC-3-EXC-PIT-(0-5)-A

Tot Ion:168 Resp: 218827

Ion Ratio Lower Upper

168 100

99 50.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

100000

80000

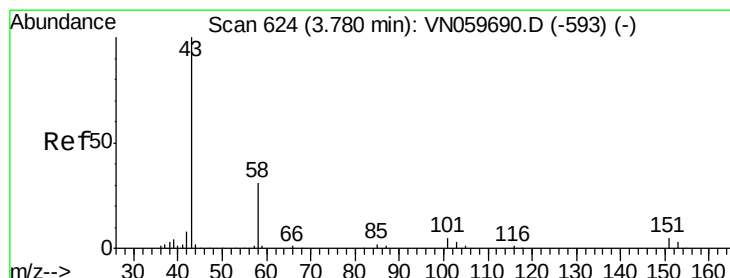
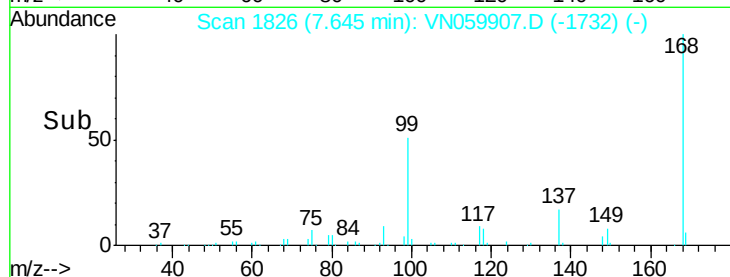
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.769 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN059907.D

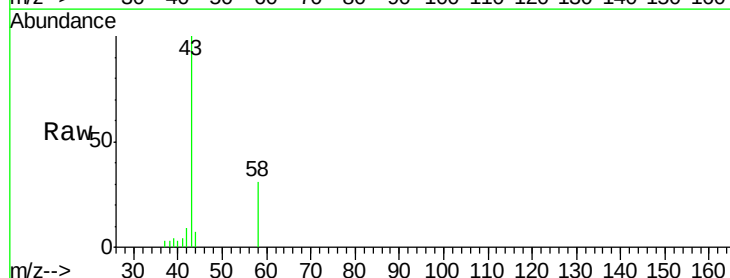
Acq: 29 Jan 2020 13:13

Tgt Ion: 43 Resp: 13683

Ion Ratio Lower Upper

43 100

58 30.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

5000

4000

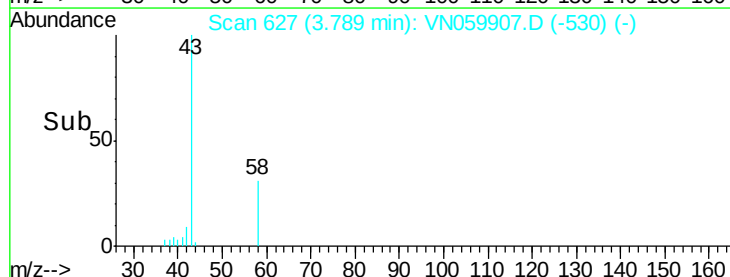
3000

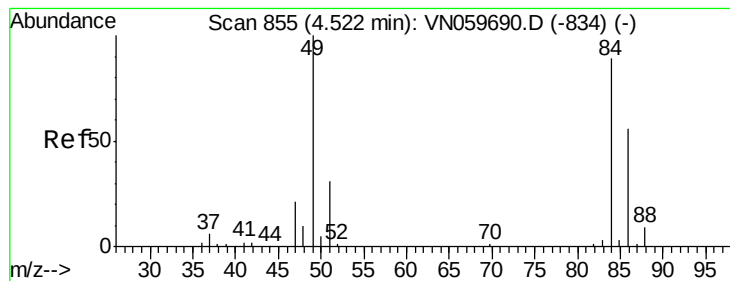
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 2.015 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN059907.D

Acq: 29 Jan 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-A

Tot Ion: 84 Resp: 7160

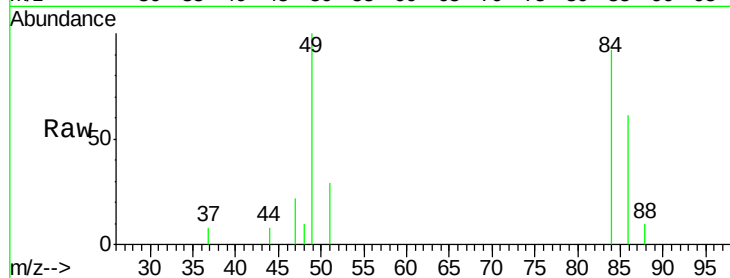
Ion Ratio Lower Upper

84 100

49 108.6 106.6 160.0

51 31.2 31.9 47.9#

86 65.7 50.8 76.2

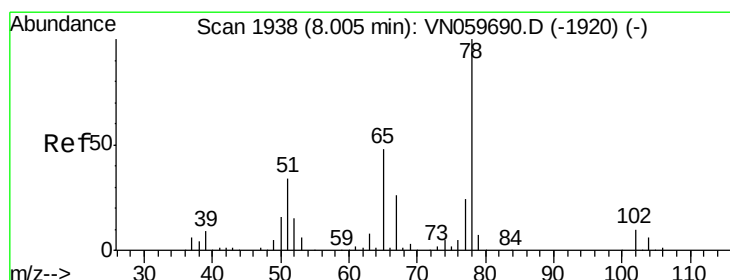
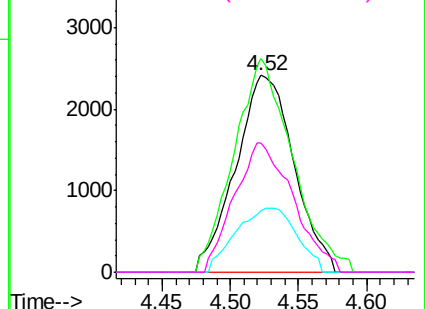
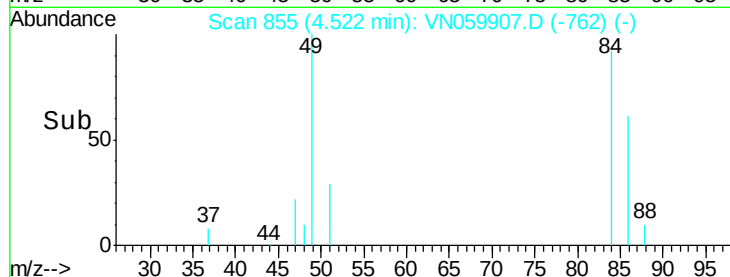


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 46.817 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059907.D

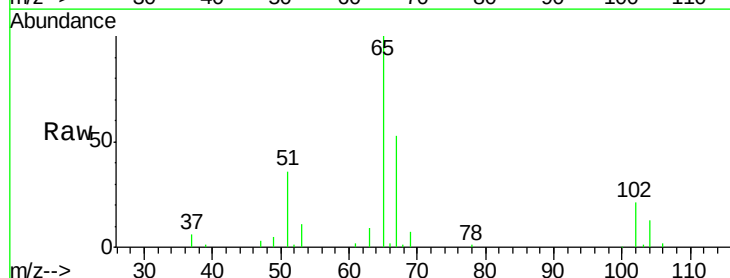
Acq: 29 Jan 2020 13:13

Tgt Ion: 65 Resp: 113771

Ion Ratio Lower Upper

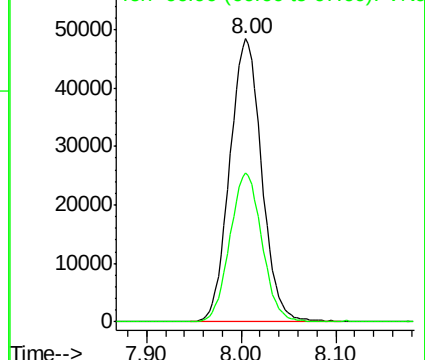
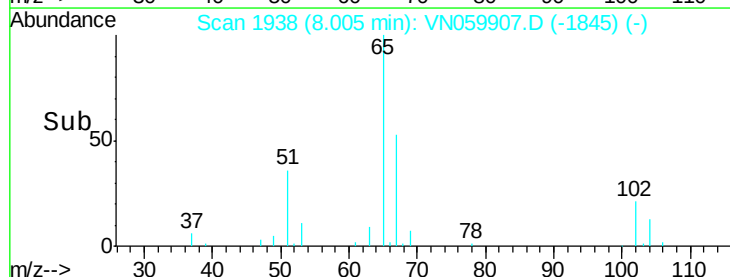
65 100

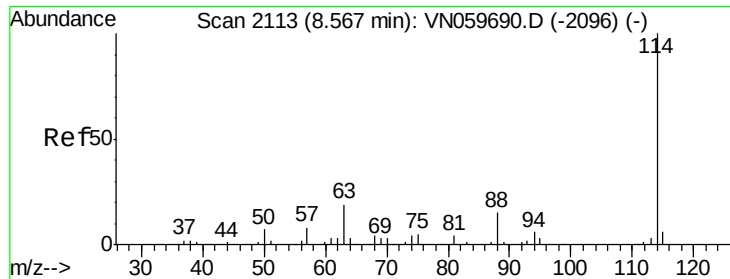
67 52.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

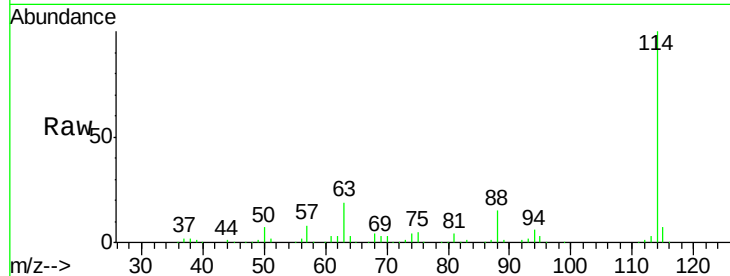




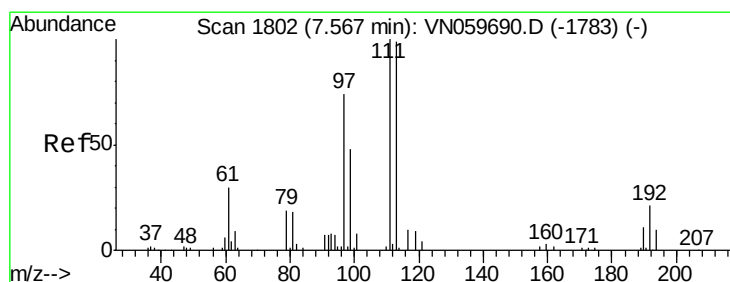
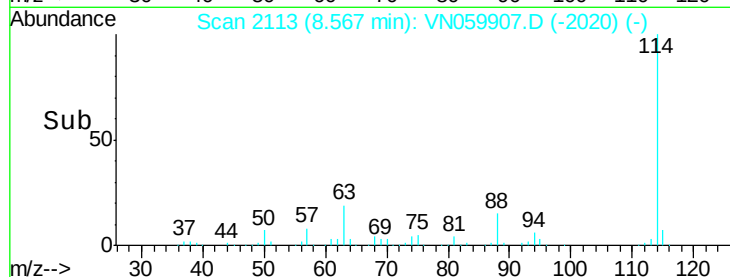
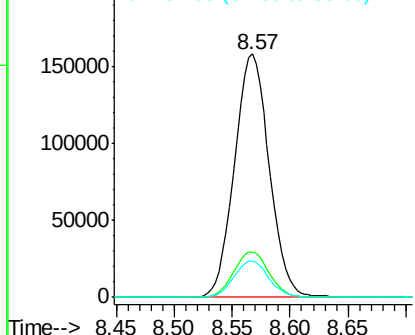
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059907.D
Acq: 29 Jan 2020 13:13

Instrument :
MSVOA_N
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-A

Tot Ion:114 Resp: 328686
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.6
88 15.1 0.0 31.4

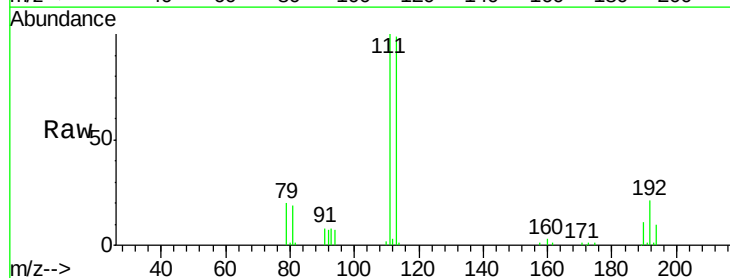


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

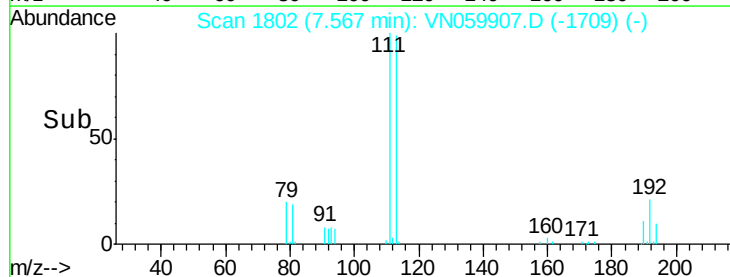
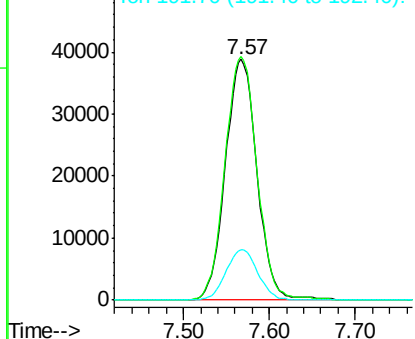


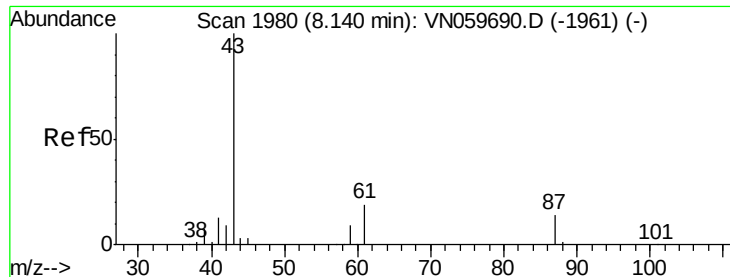
#35
Dibromofluoromethane
Concen: 50.487 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059907.D
Acq: 29 Jan 2020 13:13

Tgt Ion:113 Resp: 98959
Ion Ratio Lower Upper
113 100
111 101.8 83.5 125.3
192 21.0 15.4 23.2



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: 9.222 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059907.D

Acq: 29 Jan 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-A

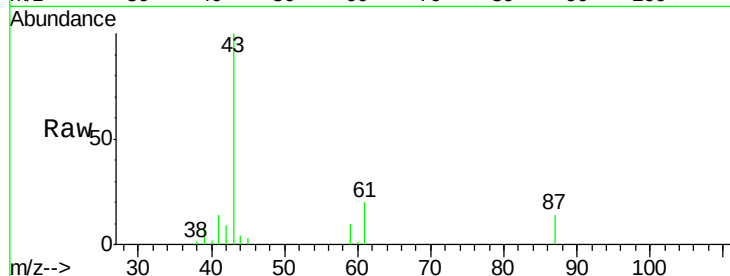
Tot Ion: 43 Resp: 42584

Ion Ratio Lower Upper

43 100

61 20.2 20.2 30.2

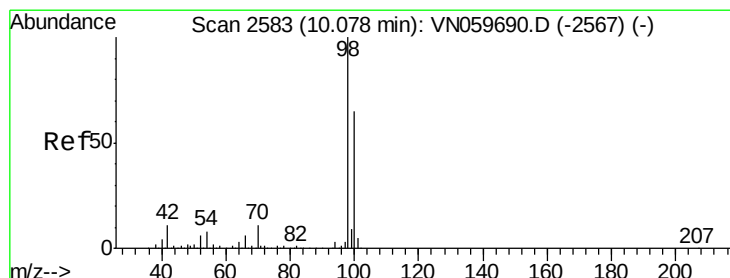
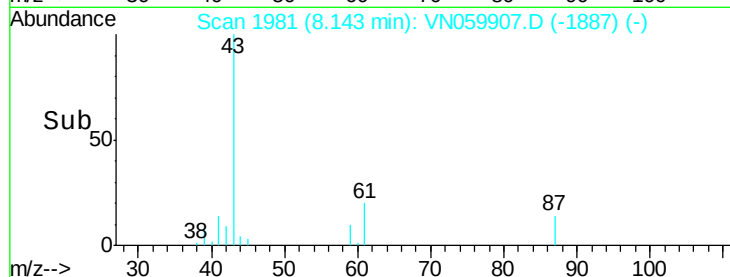
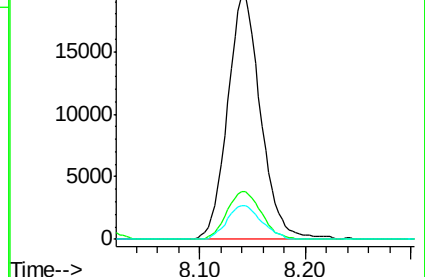
87 14.4 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059907.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059907.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059907.D (-1961) (-)



#50

Toluene-d8

Concen: 51.352 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059907.D

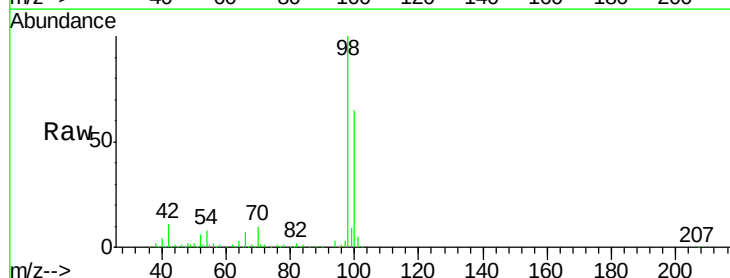
Acq: 29 Jan 2020 13:13

Tgt Ion: 98 Resp: 389989

Ion Ratio Lower Upper

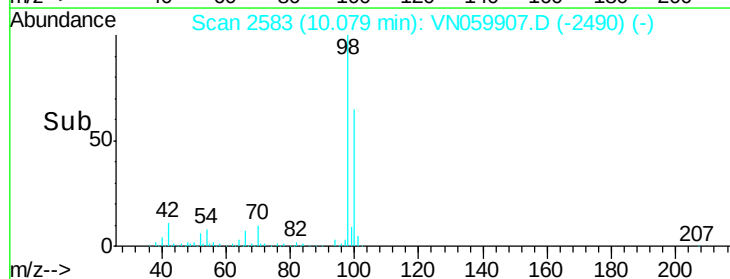
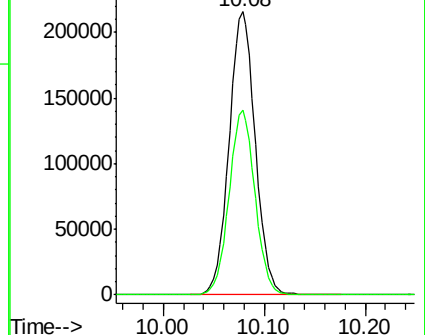
98 100

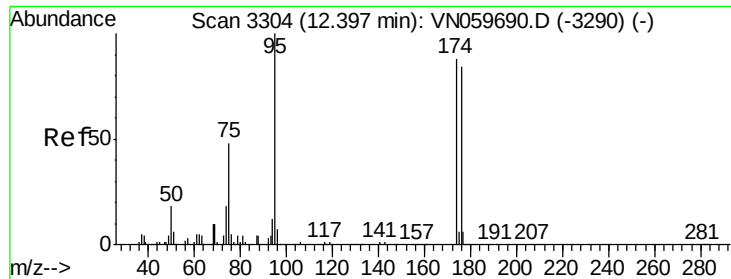
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059907.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059907.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 48.086 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059907.D

Acq: 29 Jan 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-A

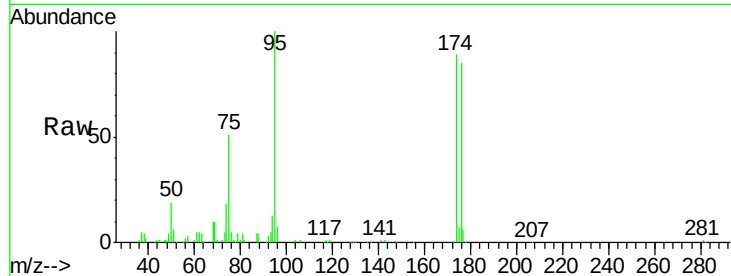
Tot Ion: 95 Resp: 131648

Ion Ratio Lower Upper

95 100

174 89.3 0.0 151.4

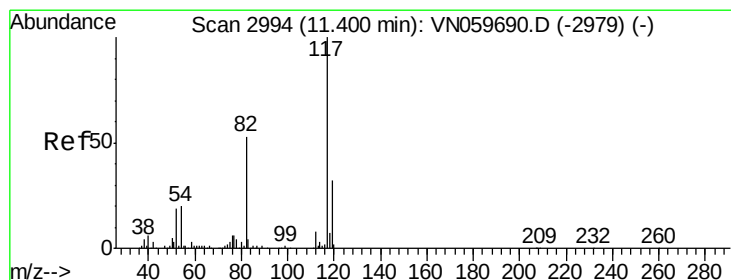
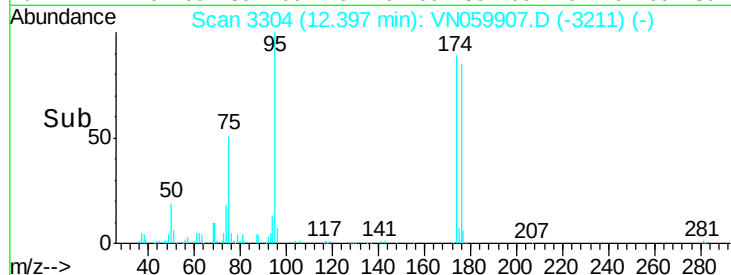
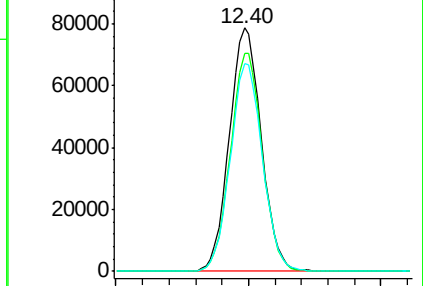
176 85.8 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059907.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059907.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059907.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059907.D

Acq: 29 Jan 2020 13:13

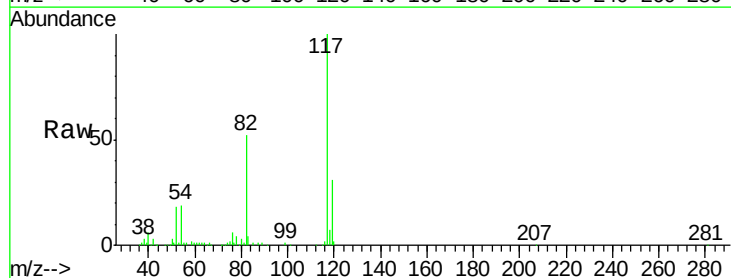
Tgt Ion: 117 Resp: 295997

Ion Ratio Lower Upper

117 100

82 52.0 45.9 68.9

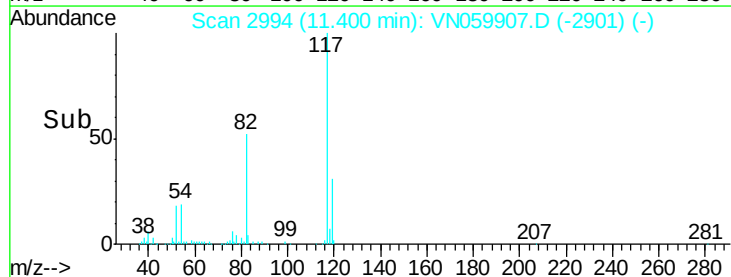
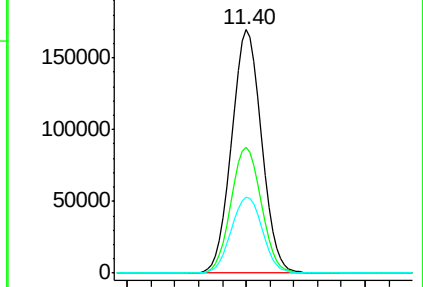
119 31.2 25.5 38.3

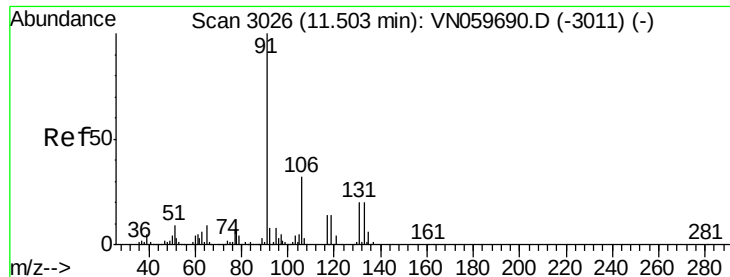


Abundance Ion 116.90 (116.60 to 117.60): VN059907.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059907.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059907.D (-2901) (-)





#67

Ethyl Benzene

Concen: 1.703 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059907.D

Acq: 29 Jan 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

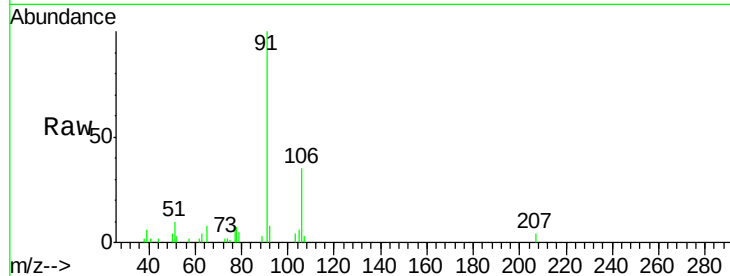
AOC-3-EXC-PIT-(0-5)-A

Tot Ion: 91 Resp: 17981

Ion Ratio Lower Upper

91 100

106 34.8 24.1 36.1

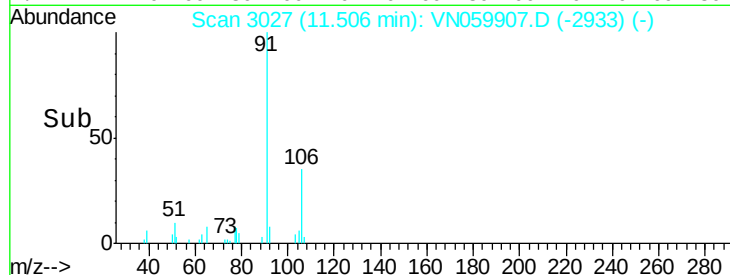


Abundance Ion 91.00 (90.70 to 91.70): VN059907.D (-3011) (-)

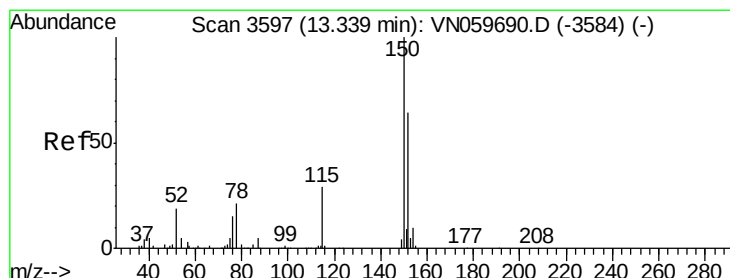
Ion 106.00 (105.70 to 106.70): VN059907.D (-3011) (-)

11.51

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059907.D

Acq: 29 Jan 2020 13:13

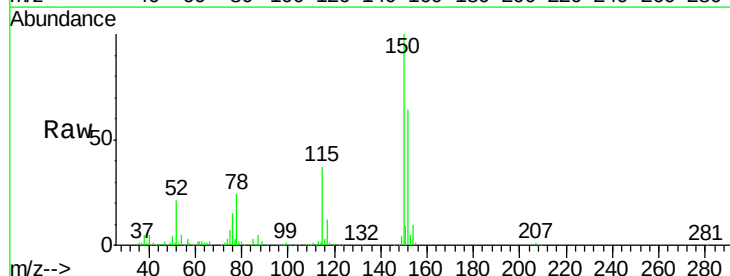
Tgt Ion: 152 Resp: 130163

Ion Ratio Lower Upper

152 100

115 57.8 30.3 90.9

150 155.7 0.0 345.2



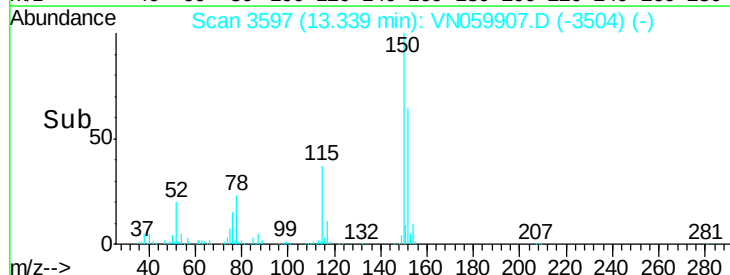
Abundance Ion 151.90 (151.60 to 152.60): VN059907.D (-3584) (-)

Ion 114.90 (114.60 to 115.60): VN059907.D (-3584) (-)

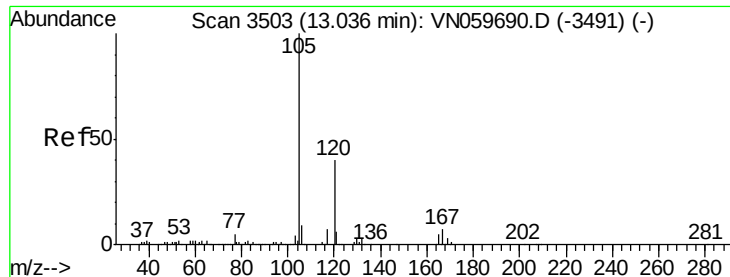
Ion 149.90 (149.60 to 150.60): VN059907.D (-3584) (-)

13.34

Time-->



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 2.491 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059907.D

Acq: 29 Jan 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

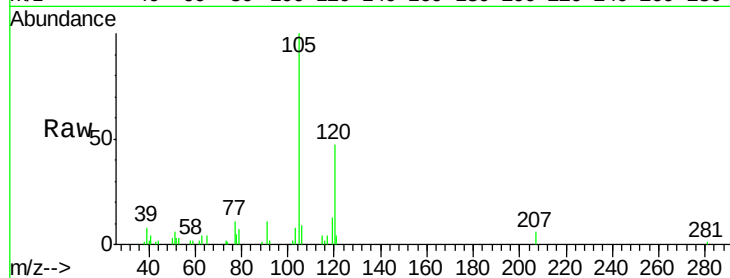
AOC-3-EXC-PIT-(0-5)-A

Tot Ion:105 Resp: 19786

Ion Ratio Lower Upper

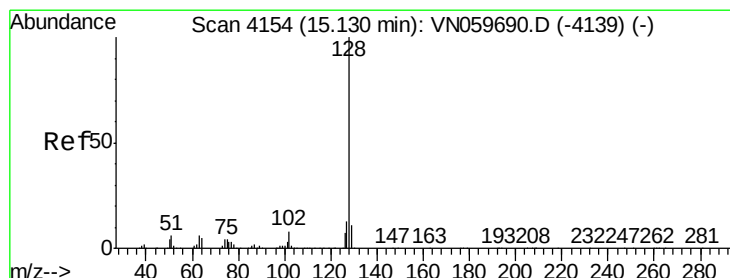
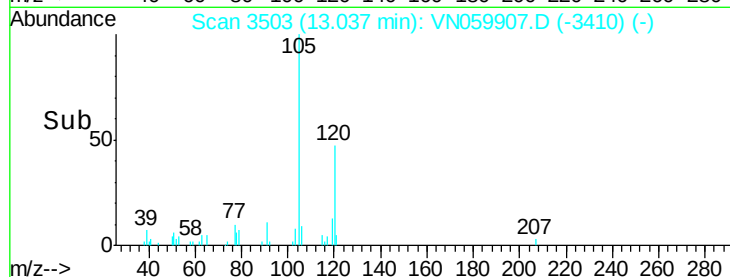
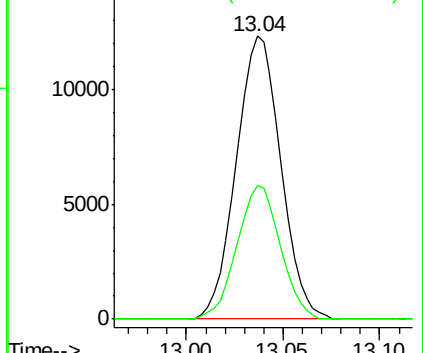
105 100

120 45.7 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 131.078 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059907.D

Acq: 29 Jan 2020 13:13

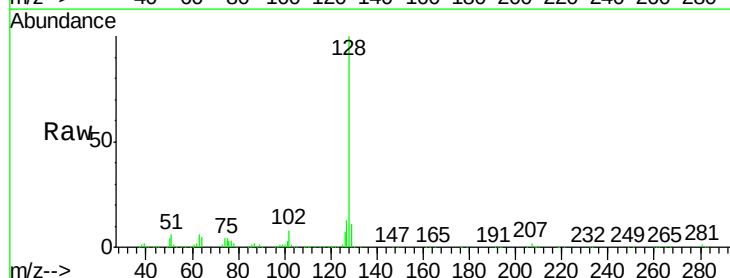
Tgt Ion:128 Resp: 930031

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 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

