

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072318\
 Data File : VN050007.D
 Acq On : 23 Jul 2018 12:29
 Operator : MD\SY
 Sample : J4101-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Jul 24 05:17:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	570694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	974067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	808331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	424539	54.12	ug/l	0.00
Spiked Amount			Recovery	=	108.24%	
35) Dibromofluoromethane	7.60	113	374553	45.80	ug/l	0.00
Spiked Amount			Recovery	=	91.60%	
50) Toluene-d8	10.09	98	1306402	43.85	ug/l	0.00
Spiked Amount			Recovery	=	87.70%	
62) 4-Bromofluorobenzene	12.40	95	347396	33.86	ug/l	0.00
Spiked Amount			Recovery	=	67.72%	

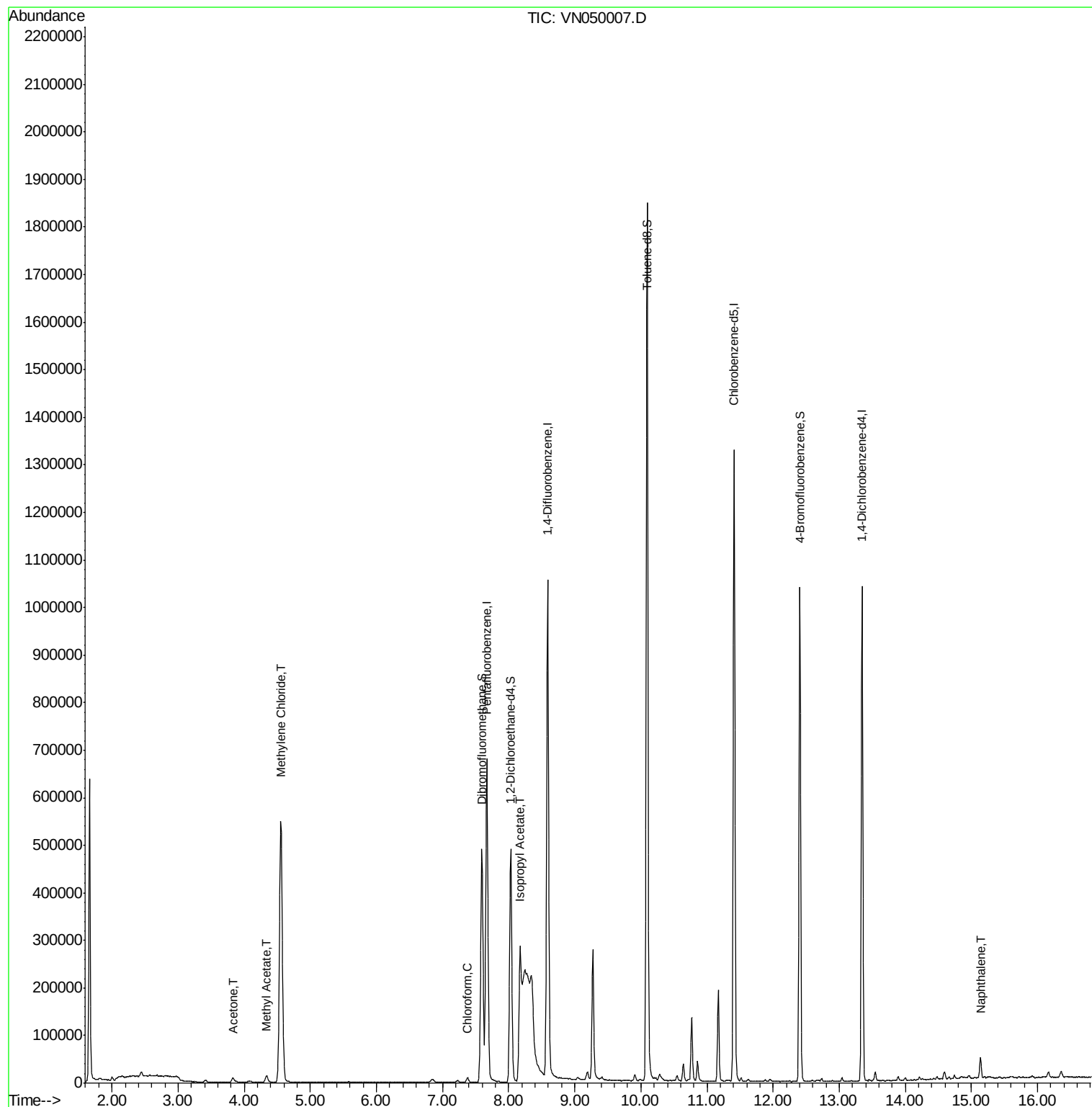
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	16495	8.12	ug/l	89
18) Methyl Acetate	4.34	43	25323	3.20	ug/l	96
20) Methylene Chloride	4.55	84	423060	54.78	ug/l	99
30) Chloroform	7.38	83	9287	0.71	ug/l	93
43) Isopropyl Acetate	8.17	43	369353	28.43	ug/l #	89
95) Naphthalene	15.14	128	37476	7.01	ug/l	98

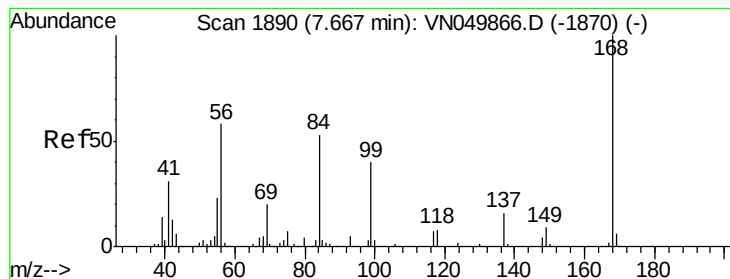
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050007.D

Acq: 23 Jul 2018 12:29

Instrument :

MSVOA_N

ClientSampled :

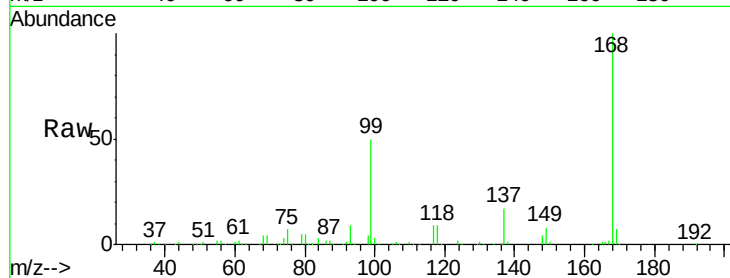
TP-1

Tot Ion:168 Resp: 570694

Ion Ratio Lower Upper

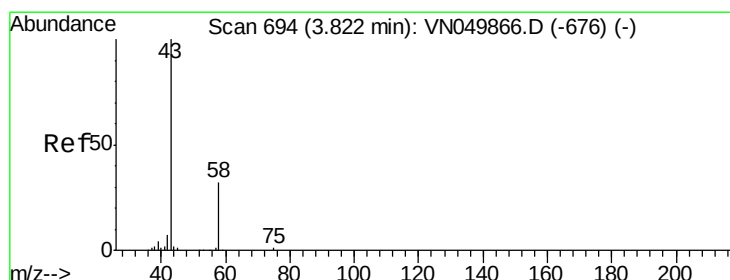
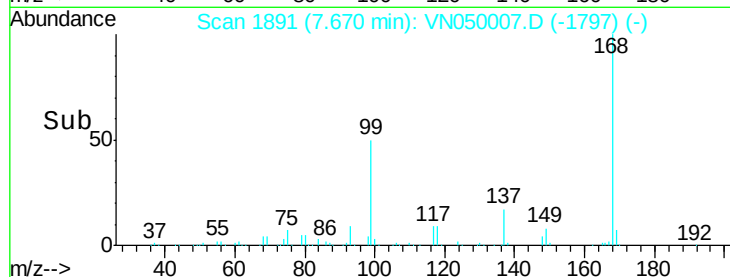
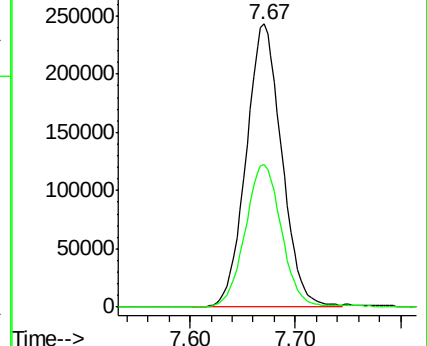
168 100

99 50.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.12 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050007.D

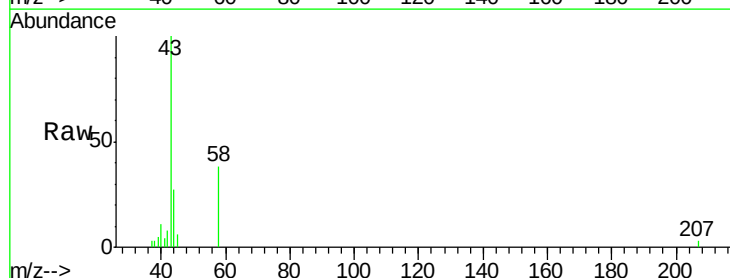
Acq: 23 Jul 2018 12:29

Tgt Ion: 43 Resp: 16495

Ion Ratio Lower Upper

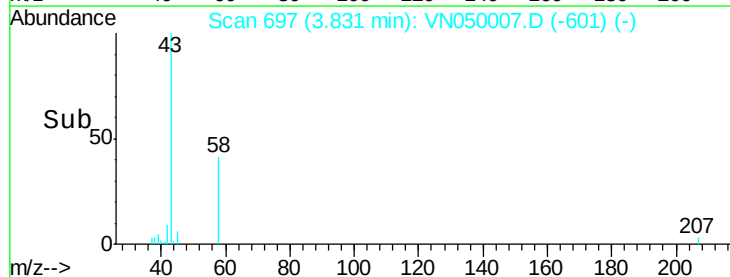
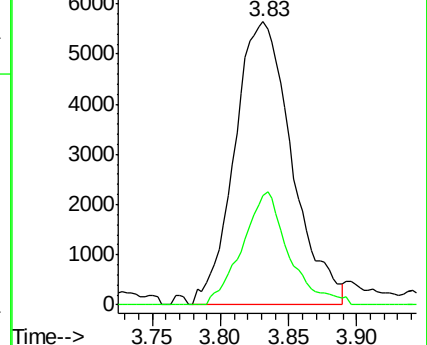
43 100

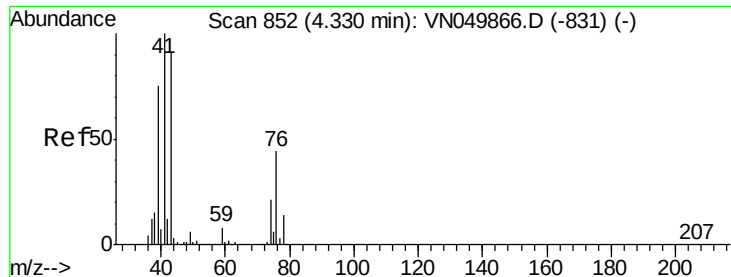
58 38.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

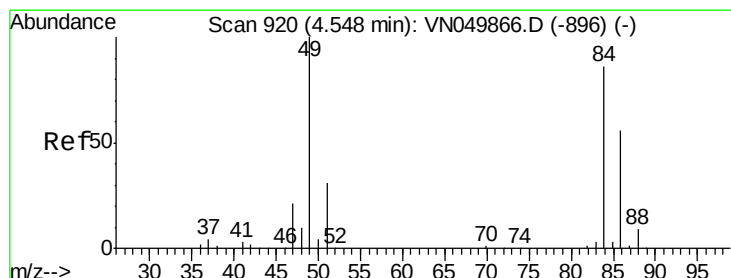
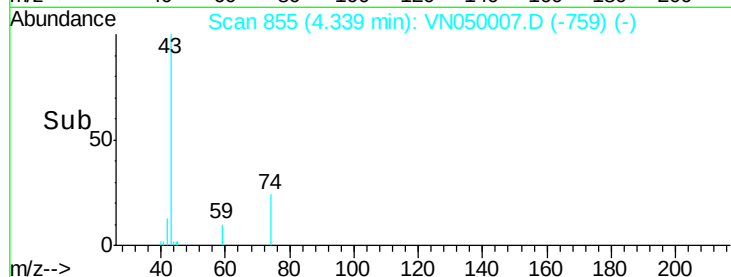
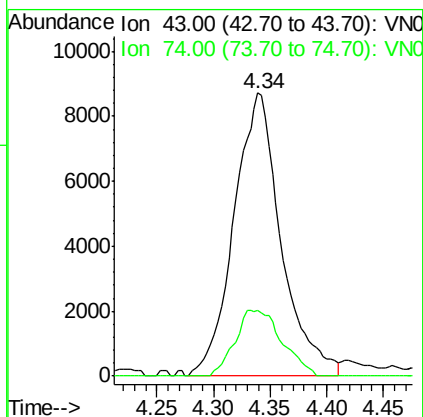
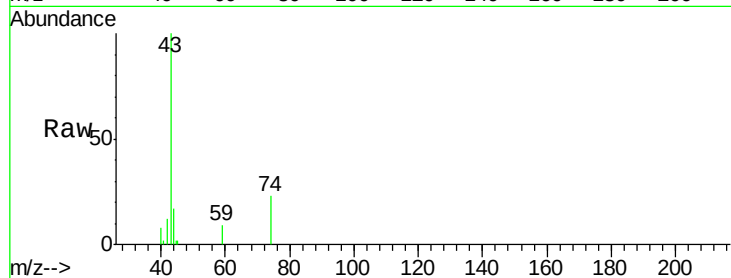




#18
Methvl Acetate
Concen: 3.20 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050007.D
Acq: 23 Jul 2018 12:29

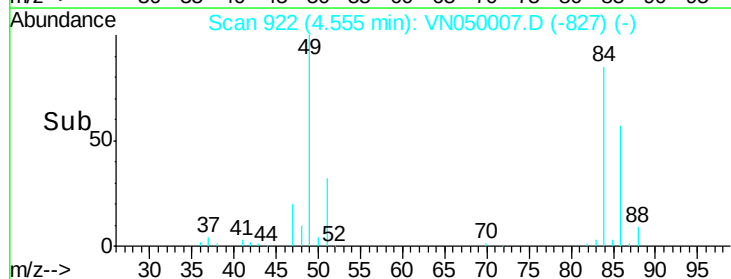
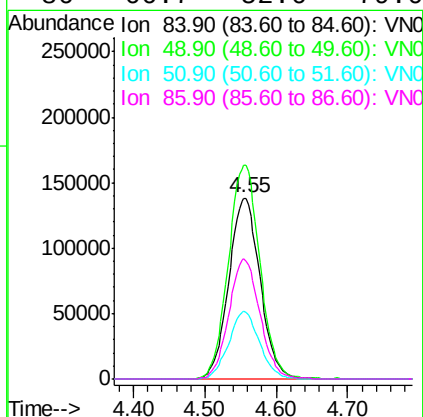
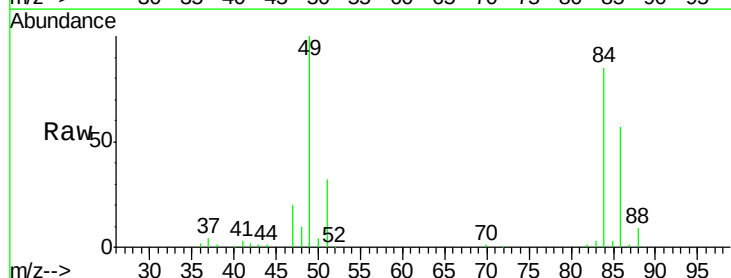
Instrument :
MSVOA_N
ClientSampleId :
TP-1

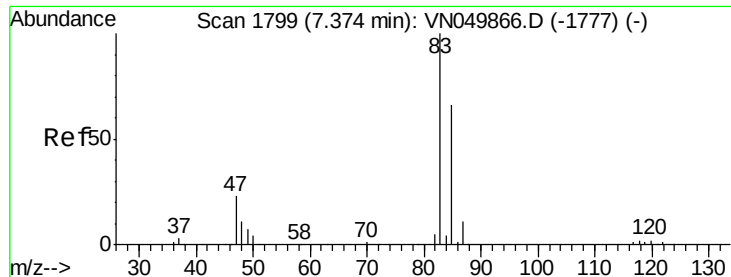
Tot Ion: 43 Resp: 25323
Ion Ratio Lower Upper
43 100
74 23.0 19.8 29.8



#20
Methylene Chloride
Concen: 54.78 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN050007.D
Acq: 23 Jul 2018 12:29

Tgt Ion: 84 Resp: 423060
Ion Ratio Lower Upper
84 100
49 118.0 95.4 143.2
51 37.2 28.4 42.6
86 66.7 52.6 79.0

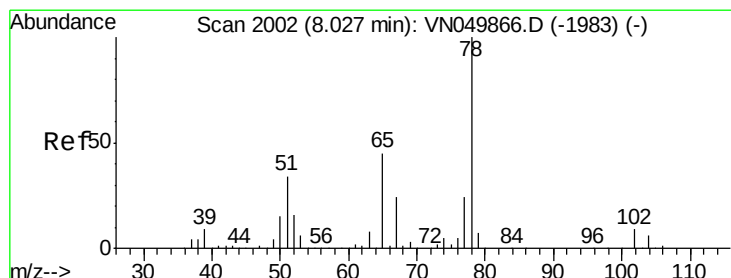
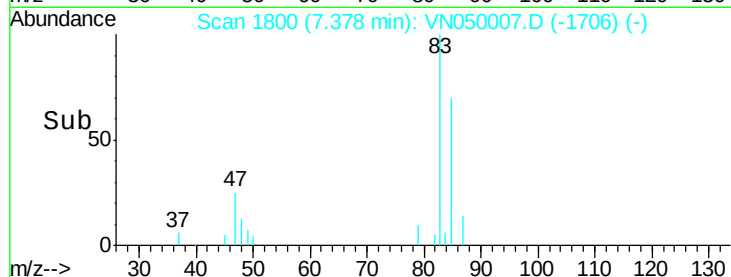
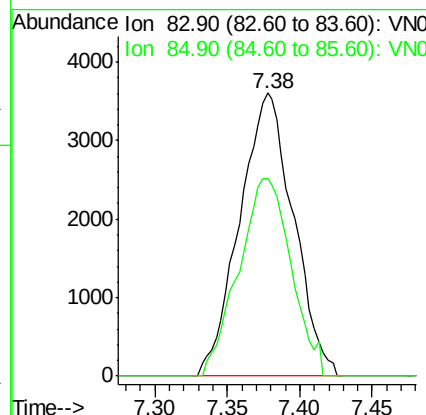
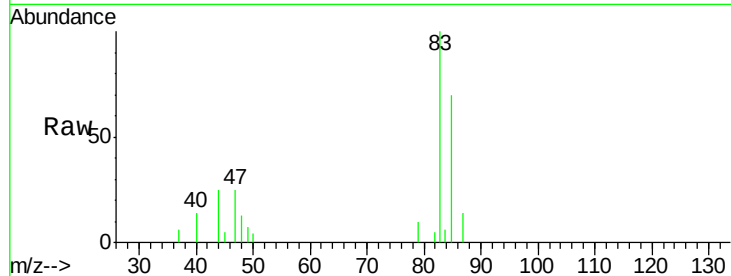




#30
Chloroform
Concen: 0.71 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050007.D
Acq: 23 Jul 2018 12:29

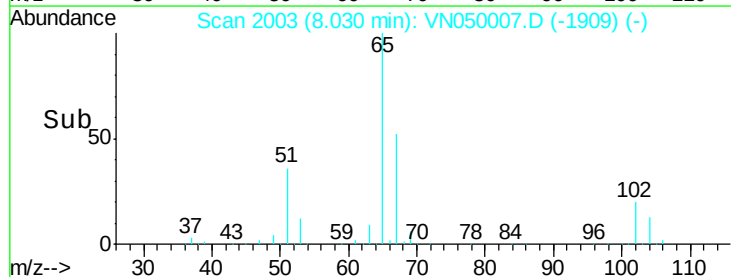
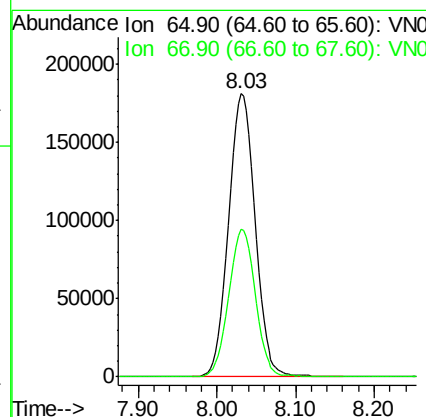
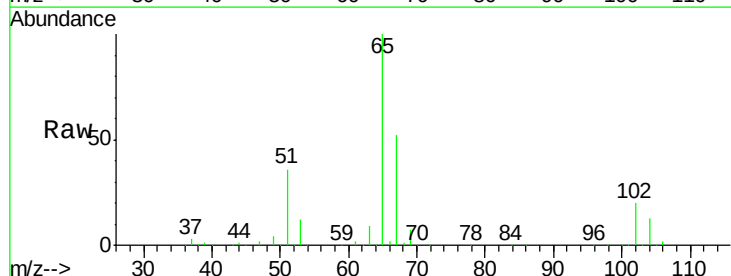
Instrument :
MSVOA_N
ClientSampled :
TP-1

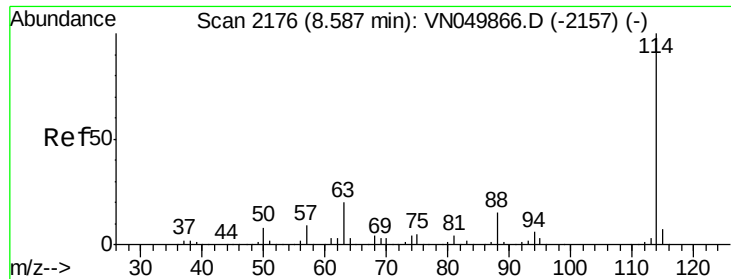
Tot Ion: 83 Resp: 9287
Ion Ratio Lower Upper
83 100
85 69.6 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 54.12 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050007.D
Acq: 23 Jul 2018 12:29

Tgt Ion: 65 Resp: 424539
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.2

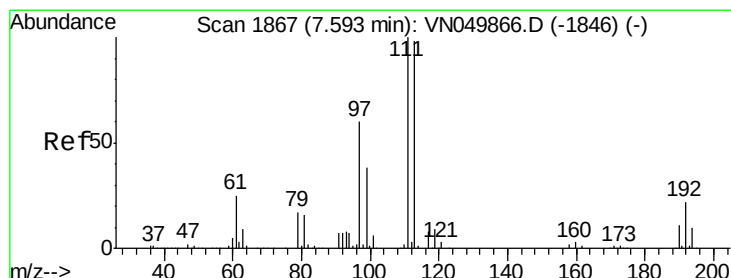
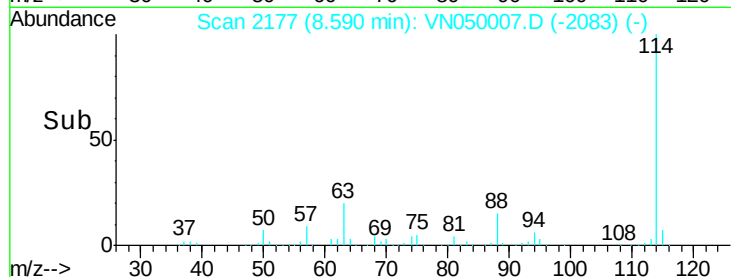
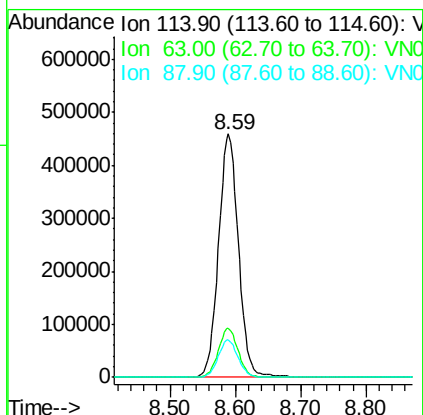
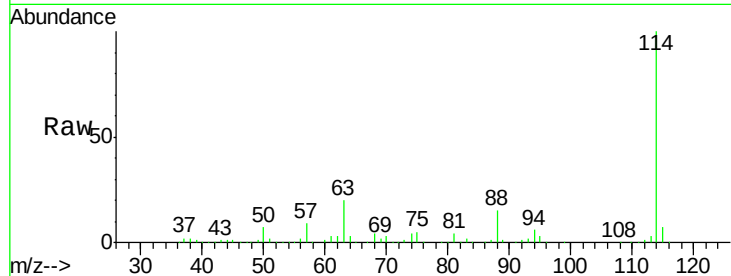




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050007.D
 Acq: 23 Jul 2018 12:29

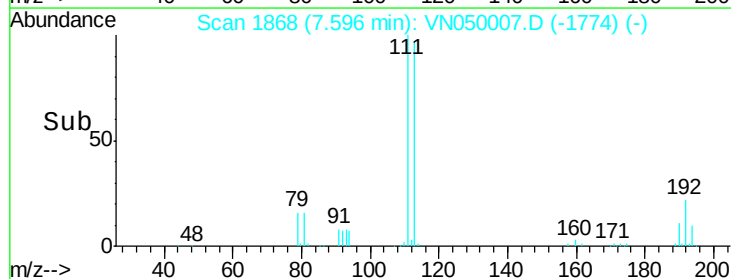
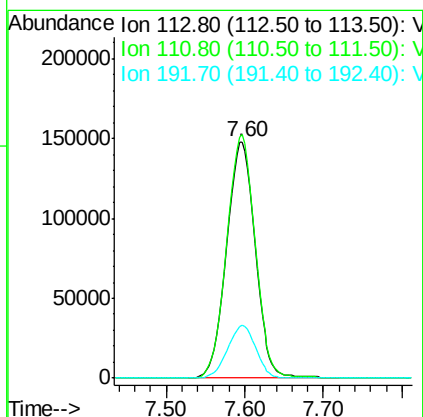
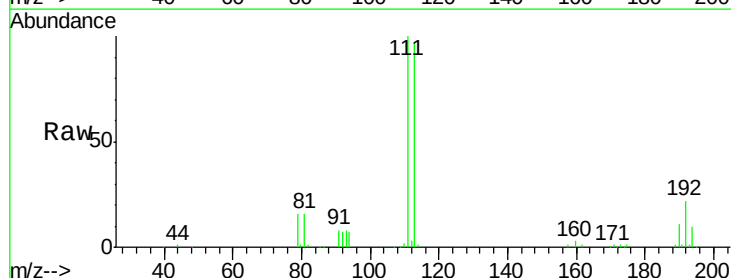
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

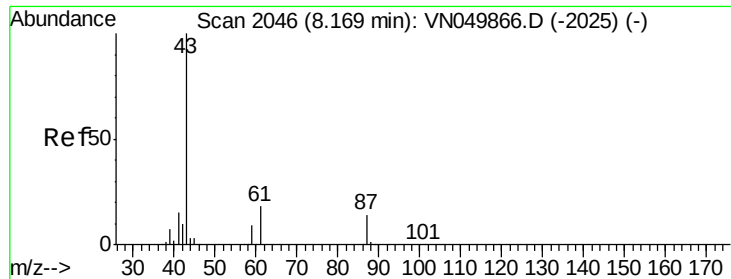
Tot Ion:114 Resp: 974067
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.4 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 45.80 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050007.D
 Acq: 23 Jul 2018 12:29

Tgt Ion:113 Resp: 374553
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.8
 192 21.9 17.8 26.6





#43

Isopropyl Acetate

Concen: 28.43 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050007.D

Acq: 23 Jul 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

TP-1

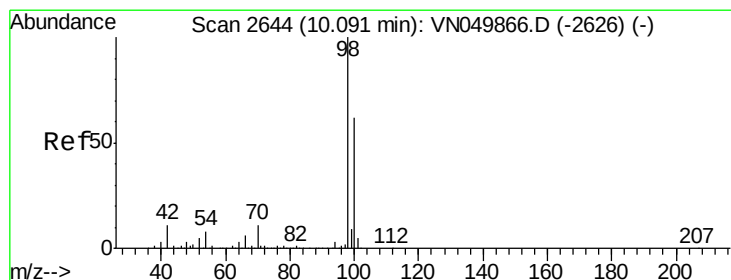
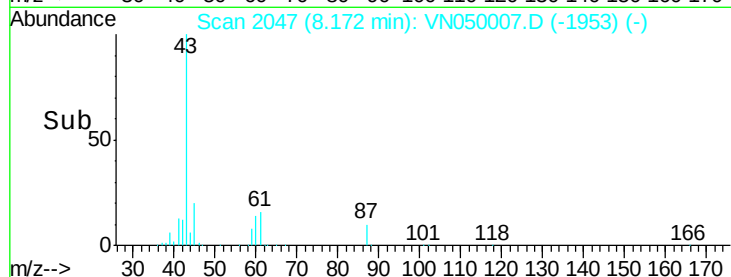
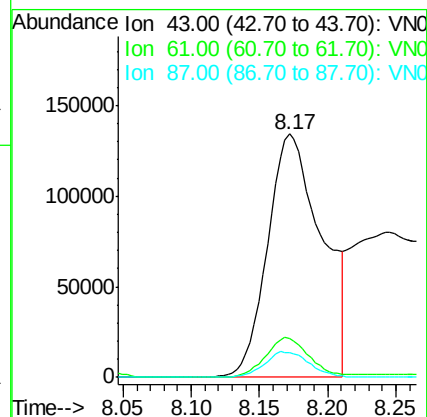
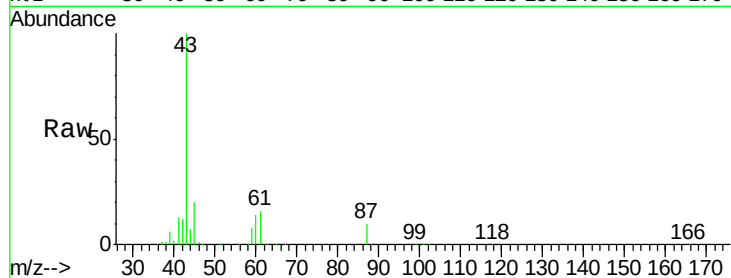
Tot Ion: 43 Resp: 369353

Ion Ratio Lower Upper

43 100

61 13.3 14.9 22.3#

87 8.9 10.0 15.0#



#50

Toluene-d8

Concen: 43.85 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050007.D

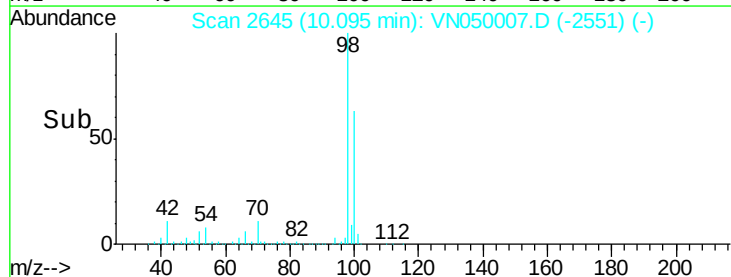
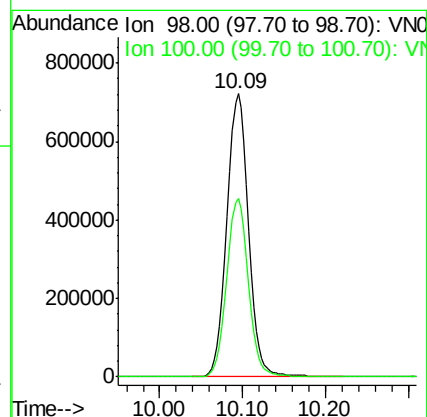
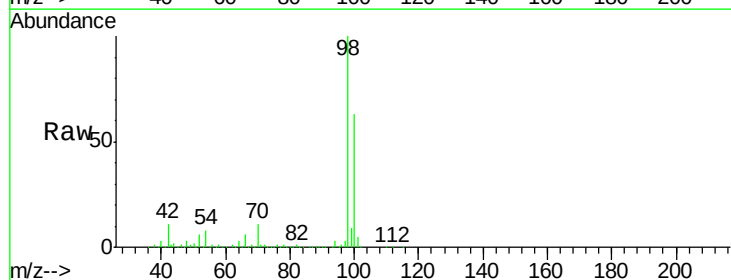
Acq: 23 Jul 2018 12:29

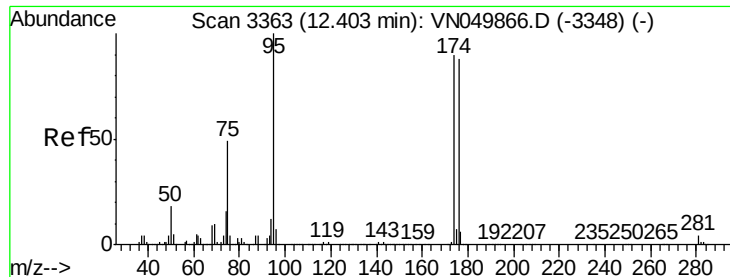
Tgt Ion: 98 Resp: 1306402

Ion Ratio Lower Upper

98 100

100 63.1 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 33.86 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050007.D

Acq: 23 Jul 2018 12:29

Instrument :

MSVOA_N

ClientSampled :

TP-1

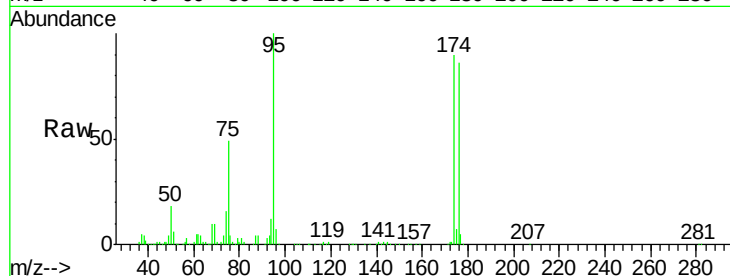
Tot Ion: 95 Resp: 347396

Ion Ratio Lower Upper

95 100

174 91.3 0.0 179.6

176 86.6 0.0 174.0

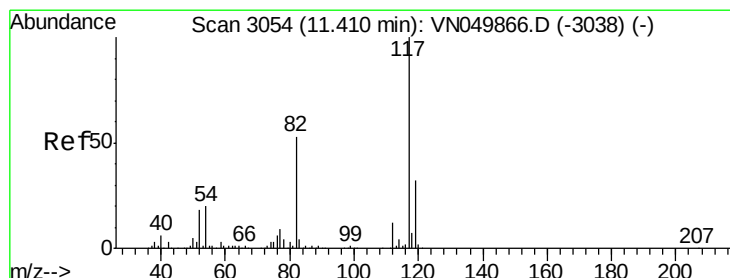
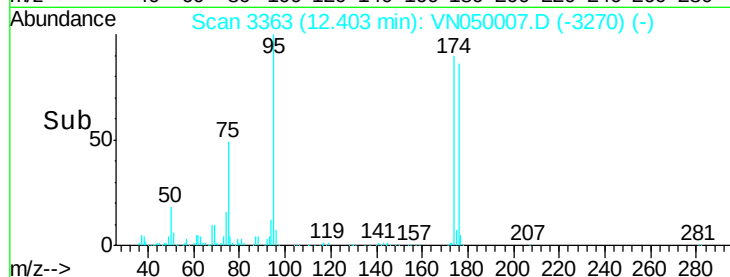


Abundance Ion 94.90 (94.60 to 95.60): VN049866.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049866.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049866.D (-3348) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050007.D

Acq: 23 Jul 2018 12:29

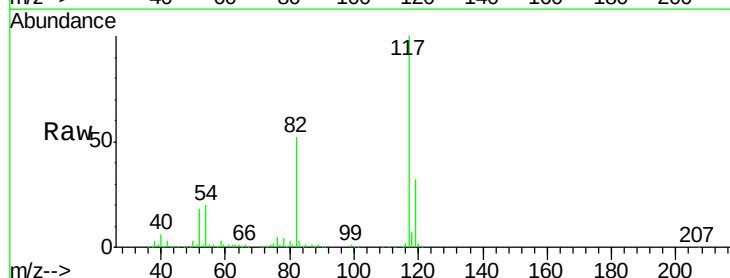
Tgt Ion: 117 Resp: 808331

Ion Ratio Lower Upper

117 100

82 52.5 41.9 62.9

119 32.2 25.4 38.2

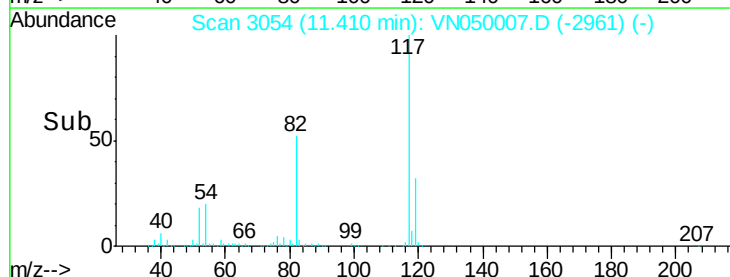


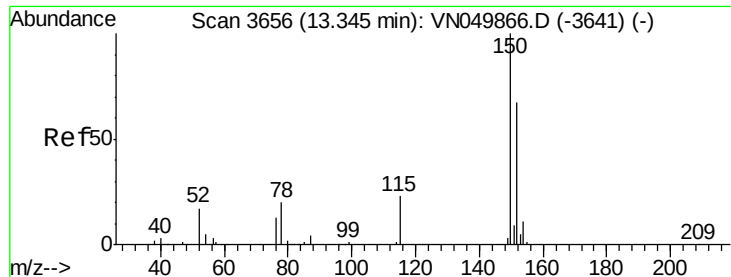
Abundance Ion 116.90 (116.60 to 117.60): VN049866.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049866.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049866.D (-3038) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050007.D

Acq: 23 Jul 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

TP-1

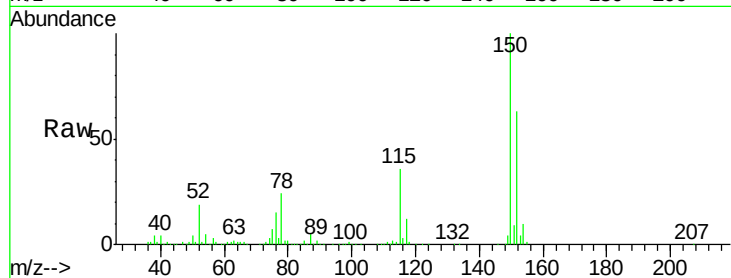
Tot Ion:152 Resp: 285810

Ion Ratio Lower Upper

152 100

115 57.2 28.1 84.2

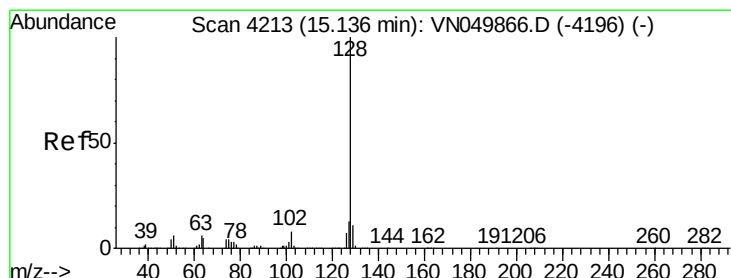
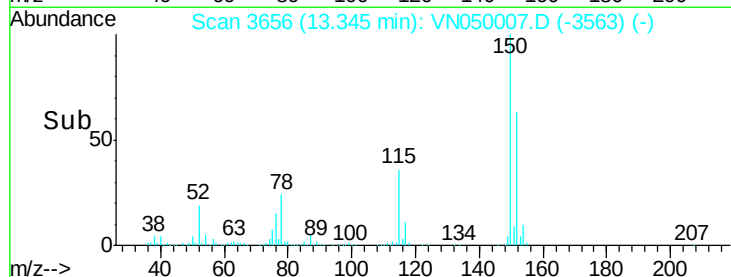
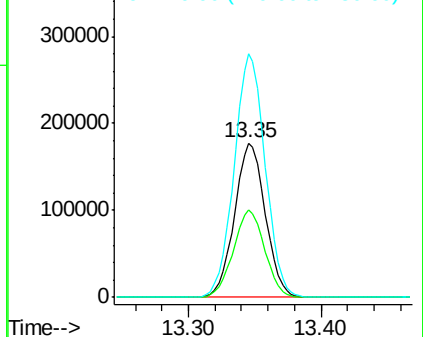
150 158.4 0.0 347.6



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



#95

Naphthalene

Concen: 7.01 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050007.D

Acq: 23 Jul 2018 12:29

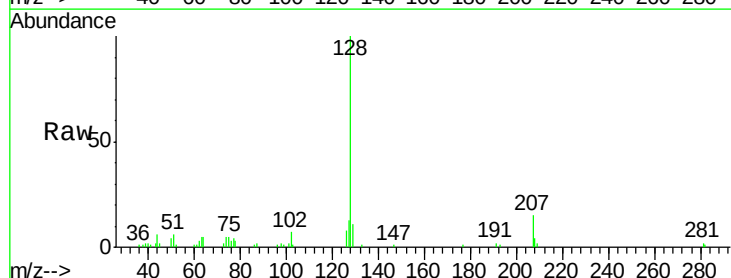
Tgt Ion:128 Resp: 37476

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 11.3 8.6 13.0



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

