

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090418\
 Data File : VN051024.D
 Acq On : 4 Sep 2018 17:10
 Operator : MD\SY
 Sample : J4523-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2

Quant Time: Sep 05 02:29:14 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	569495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	920278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	783575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	257759	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	369207	53.85	ug/l	0.00
Spiked Amount			Recovery	=	107.70%	
35) Dibromofluoromethane	7.60	113	356421	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
50) Toluene-d8	10.09	98	1243675	45.44	ug/l	0.00
Spiked Amount			Recovery	=	90.88%	
62) 4-Bromofluorobenzene	12.40	95	337299	37.08	ug/l	0.00
Spiked Amount			Recovery	=	74.16%	

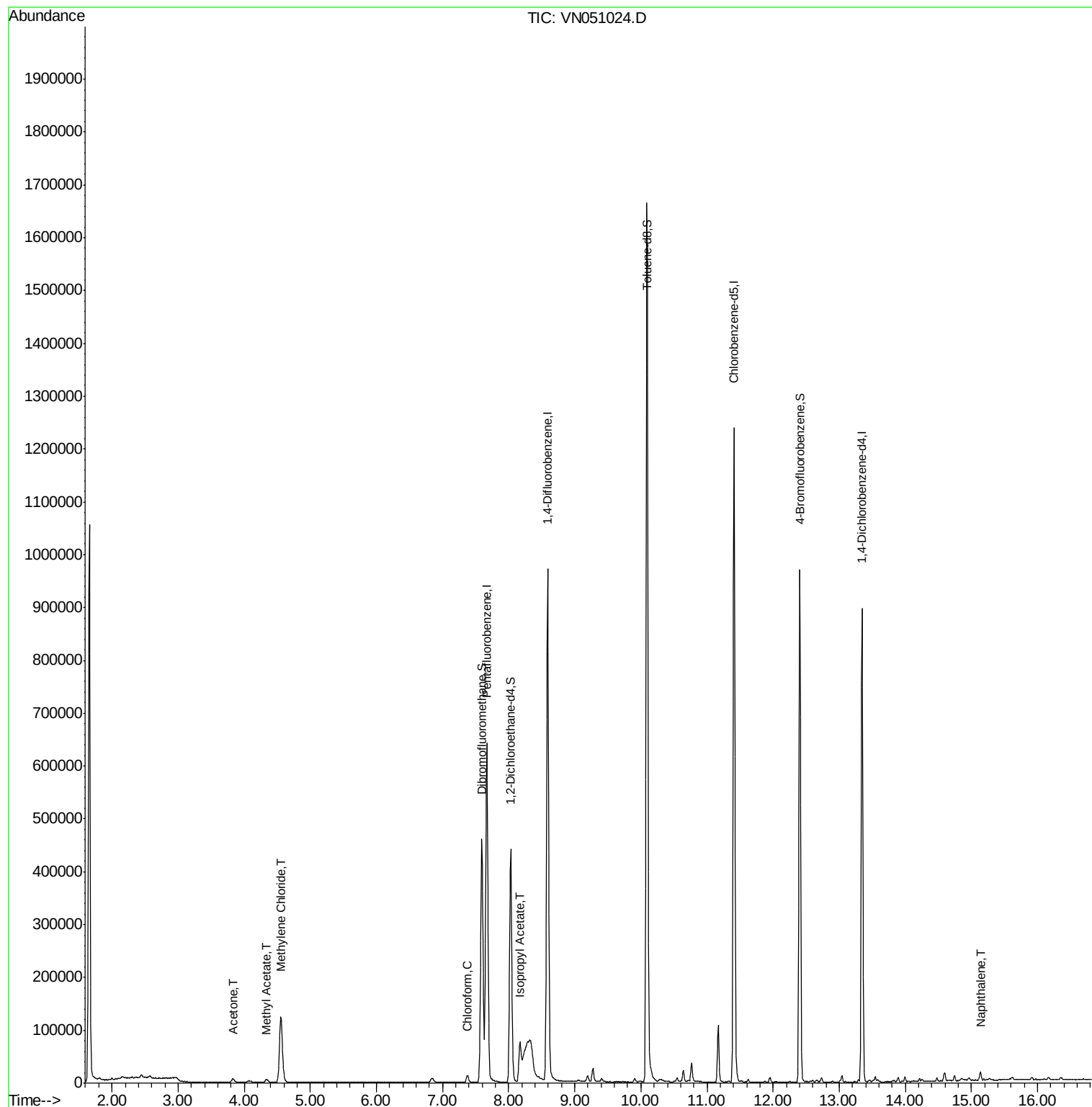
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	13134	1.06	ug/l	99
18) Methyl Acetate	4.34	43	12668	1.96	ug/l	95
20) Methylene Chloride	4.55	84	101433	13.13	ug/l	98
30) Chloroform	7.38	83	14990	1.19	ug/l	99
43) Isopropyl Acetate	8.17	43	98065	9.14	ug/l	94
95) Naphthalene	15.13	128	13509	6.57	ug/l	96

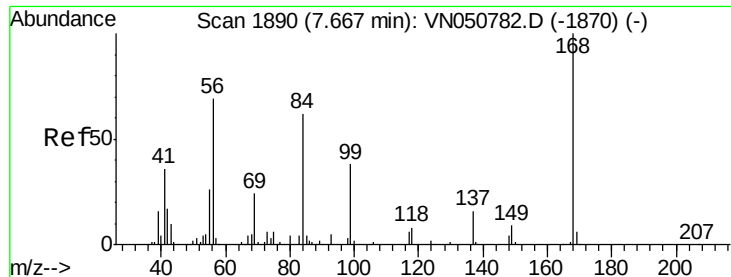
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051024.D

Acq: 4 Sep 2018 17:10

Instrument :

MSVOA_N

ClientSampled :

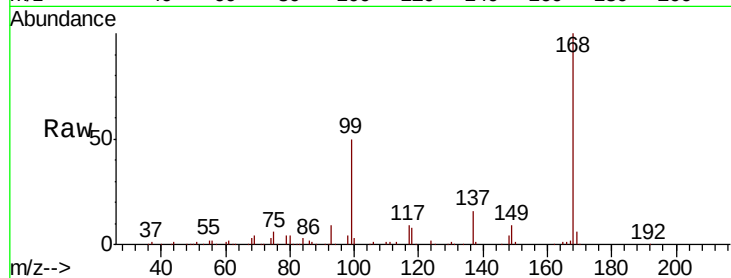
WC-2

Tot Ion:168 Resp: 569495

Ion Ratio Lower Upper

168 100

99 49.7 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

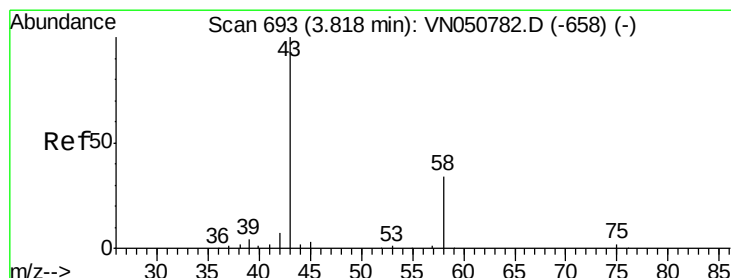
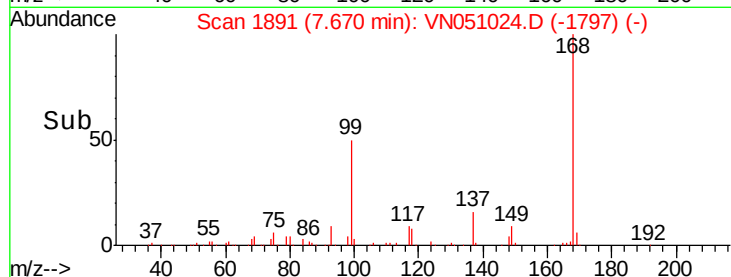
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.06 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN051024.D

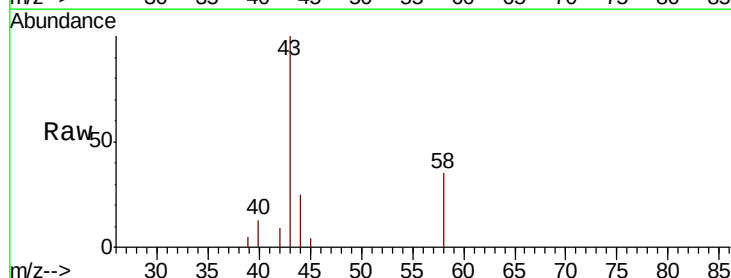
Acq: 4 Sep 2018 17:10

Tgt Ion: 43 Resp: 13134

Ion Ratio Lower Upper

43 100

58 34.6 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

5000

4000

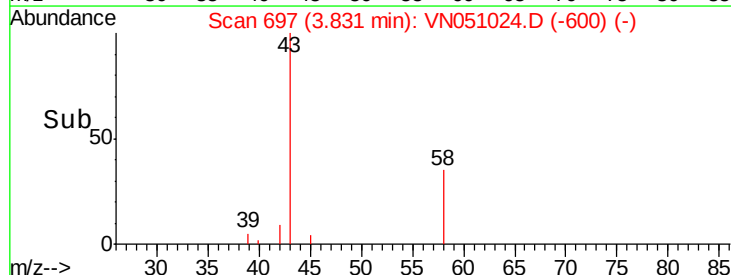
3000

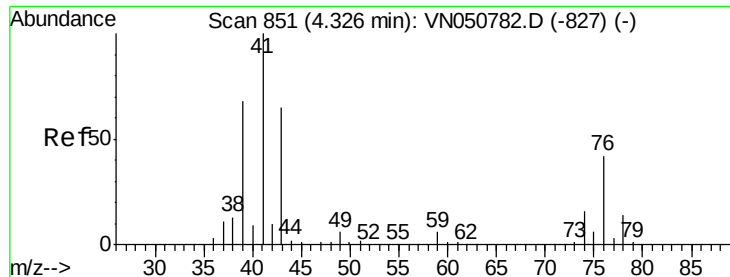
2000

1000

0

Time-->

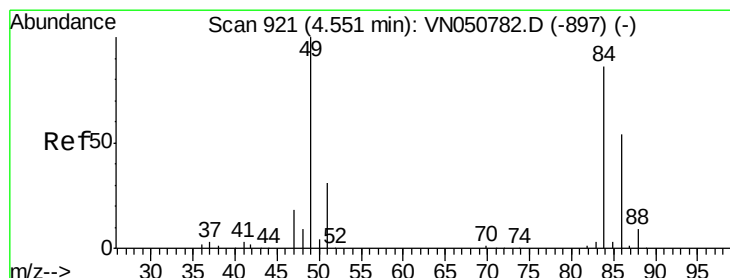
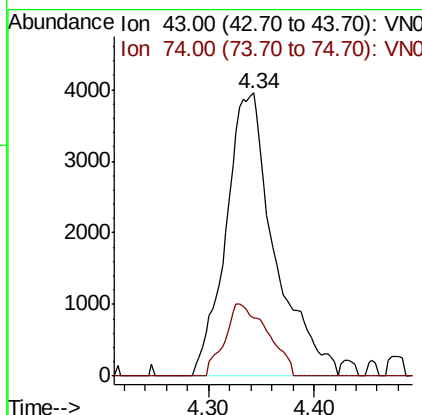
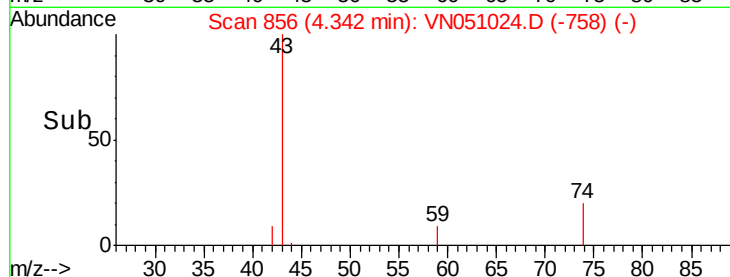
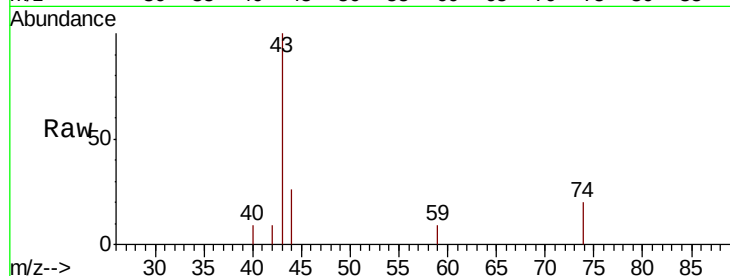




#18
Methyl Acetate
Concen: 1.96 ug/l
RT: 4.34 min Scan# 856
Delta R.T. 0.02 min
Lab File: VN051024.D
Acq: 4 Sep 2018 17:10

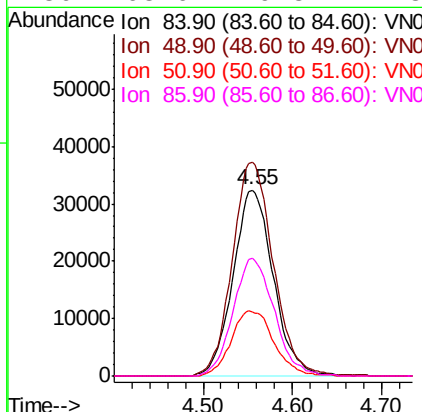
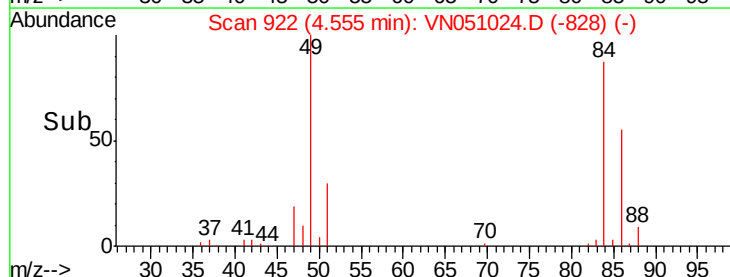
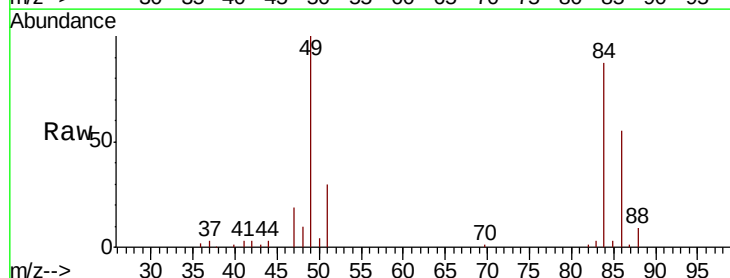
Instrument :
MSVOA_N
ClientSampled :
WC-2

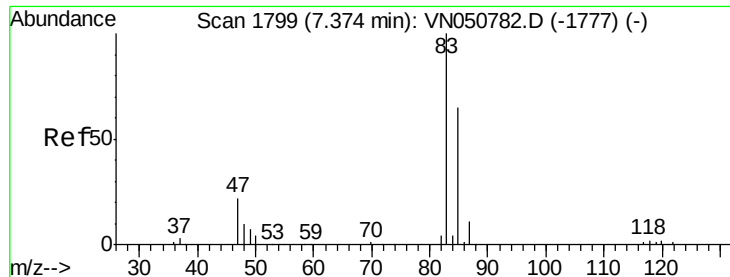
Tot Ion: 43 Resp: 12668
Ion Ratio Lower Upper
43 100
74 22.5 19.8 29.8



#20
Methylene Chloride
Concen: 13.13 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN051024.D
Acq: 4 Sep 2018 17:10

Tgt Ion: 84 Resp: 101433
Ion Ratio Lower Upper
84 100
49 114.8 93.2 139.8
51 34.6 29.0 43.6
86 63.6 49.8 74.8

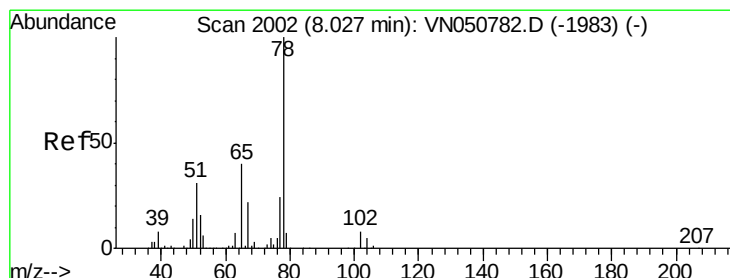
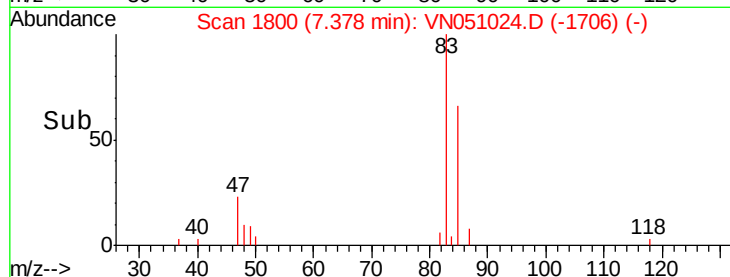
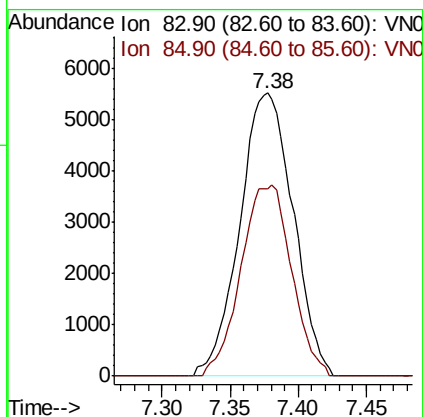
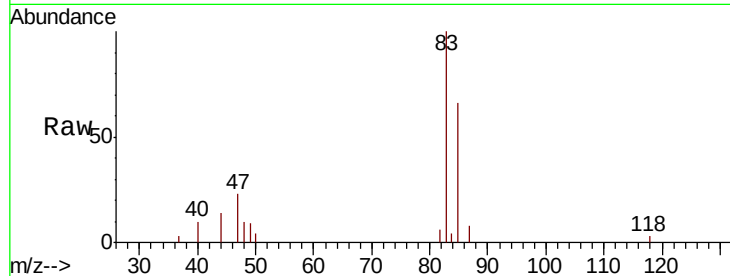




#30
Chloroform
Concen: 1.19 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN051024.D
Acq: 4 Sep 2018 17:10

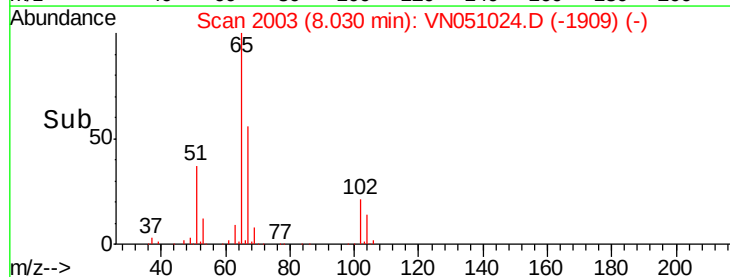
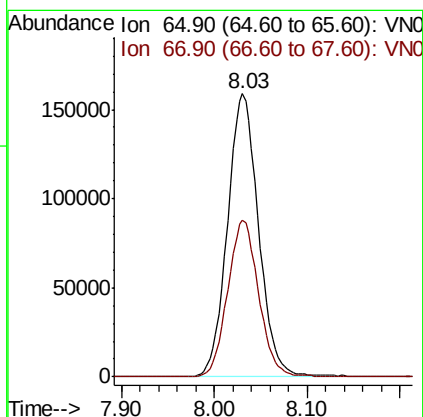
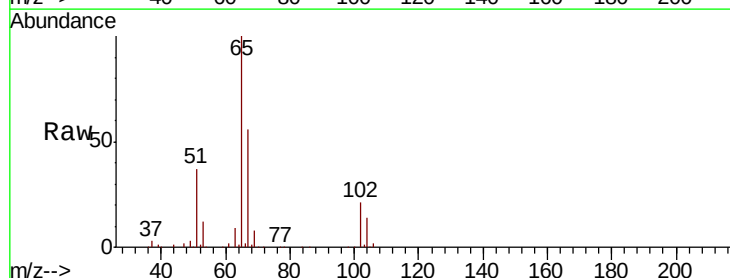
Instrument :
MSVOA_N
ClientSampled :
WC-2

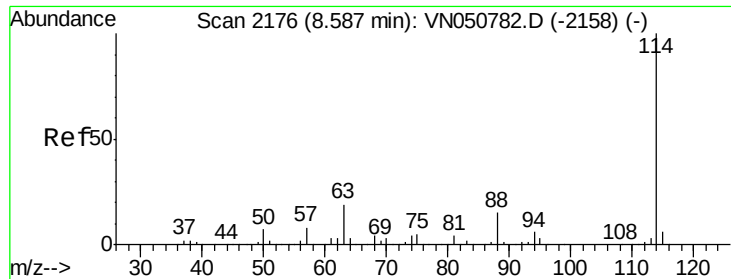
Tot Ion: 83 Resp: 14990
Ion Ratio Lower Upper
83 100
85 66.1 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 53.85 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN051024.D
Acq: 4 Sep 2018 17:10

Tgt Ion: 65 Resp: 369207
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.4

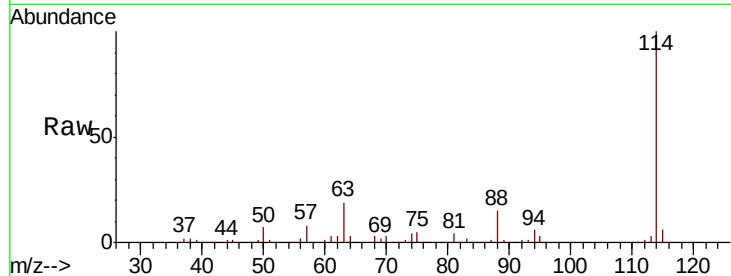




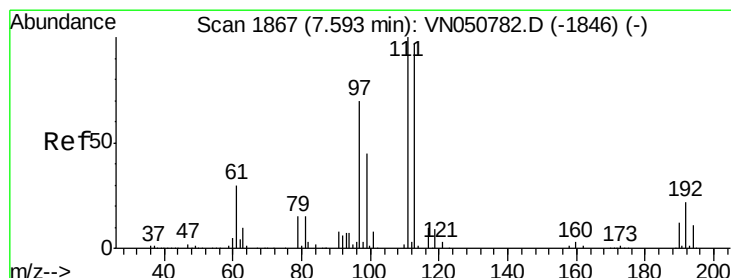
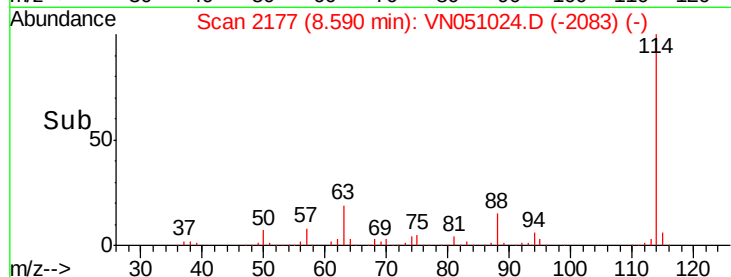
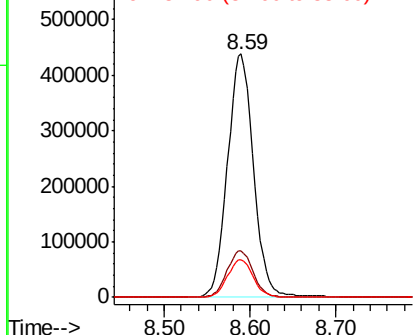
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN051024.D
 Acq: 4 Sep 2018 17:10

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2

Tot Ion:114 Resp: 920278
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.5 0.0 30.6

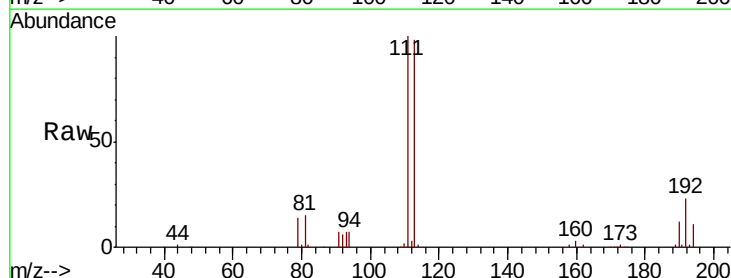


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

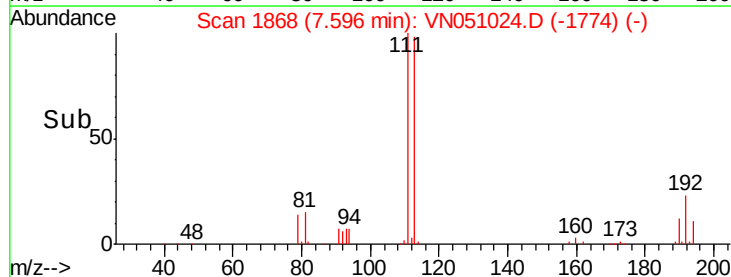
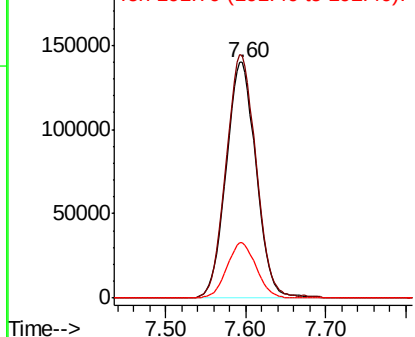


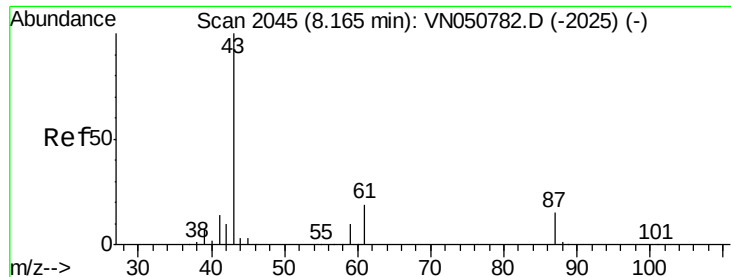
#35
 Dibromofluoromethane
 Concen: 48.68 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN051024.D
 Acq: 4 Sep 2018 17:10

Tgt Ion:113 Resp: 356421
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.6 123.8
 192 23.1 18.0 27.0



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: 9.14 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN051024.D

Acq: 4 Sep 2018 17:10

Instrument :

MSVOA_N

ClientSampled :

WC-2

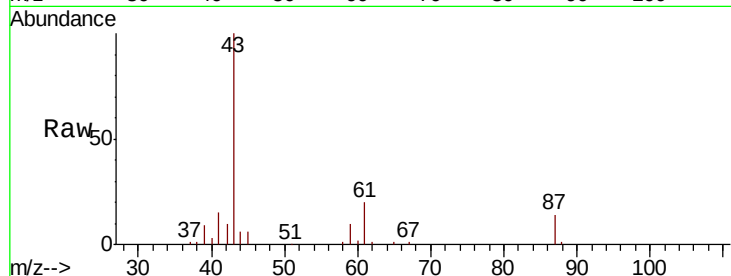
Tot Ion: 43 Resp: 98065

Ion Ratio Lower Upper

43 100

61 18.4 17.5 26.3

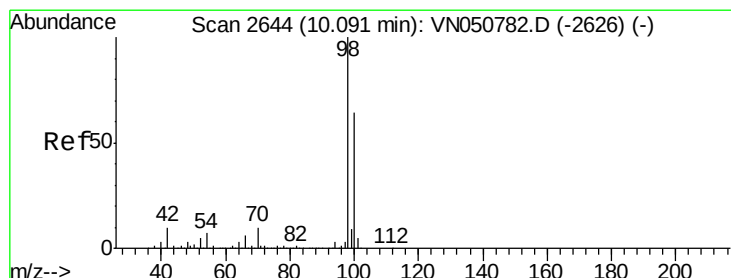
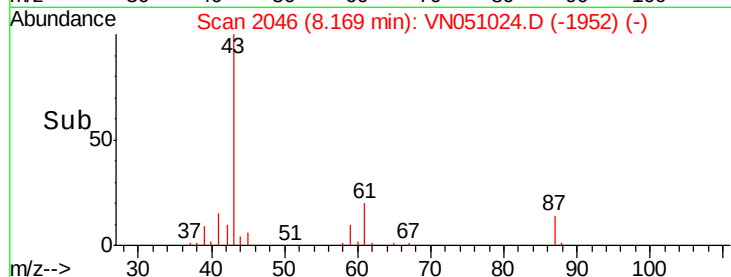
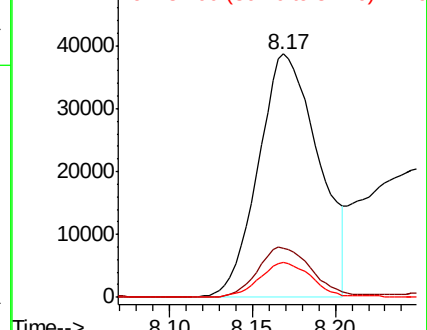
87 12.4 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.44 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN051024.D

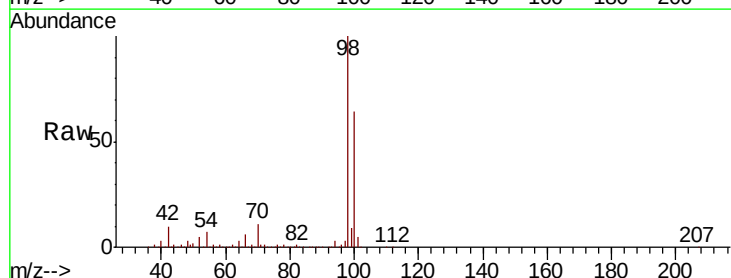
Acq: 4 Sep 2018 17:10

Tgt Ion: 98 Resp: 1243675

Ion Ratio Lower Upper

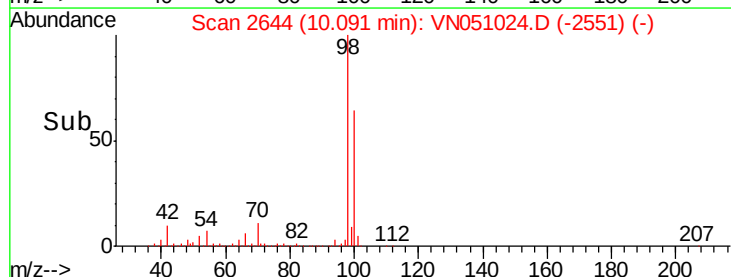
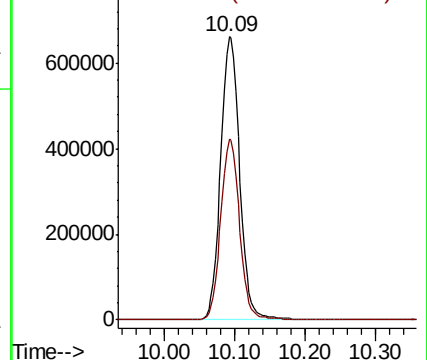
98 100

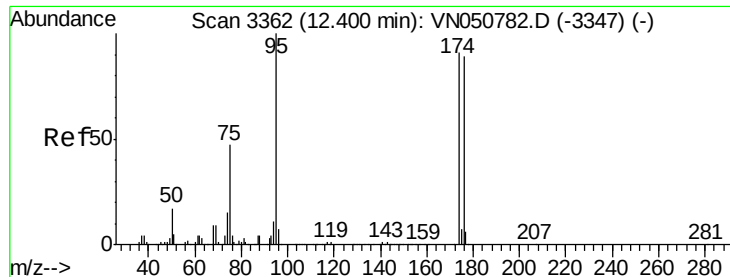
100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.08 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN051024.D

Acq: 4 Sep 2018 17:10

Instrument :

MSVOA_N

ClientSampled :

WC-2

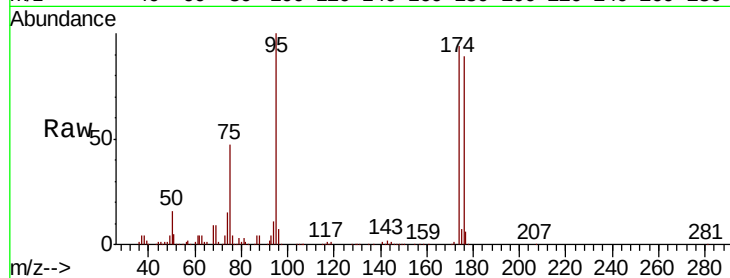
Tot Ion: 95 Resp: 337299

Ion Ratio Lower Upper

95 100

174 93.0 0.0 183.0

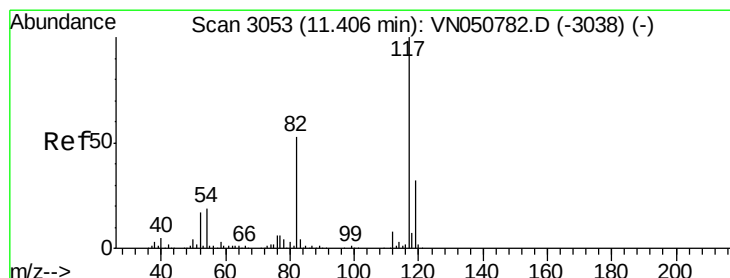
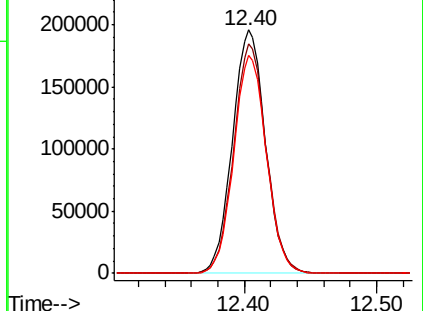
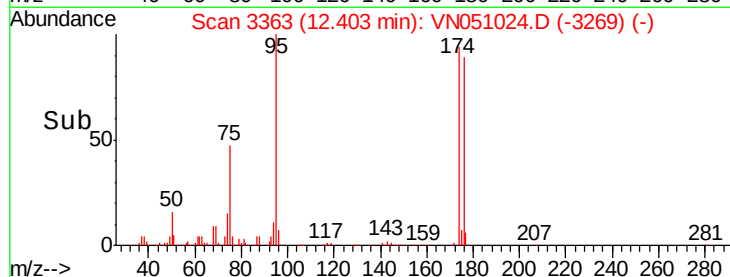
176 88.9 0.0 178.8



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

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): 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: VN051024.D

Acq: 4 Sep 2018 17:10

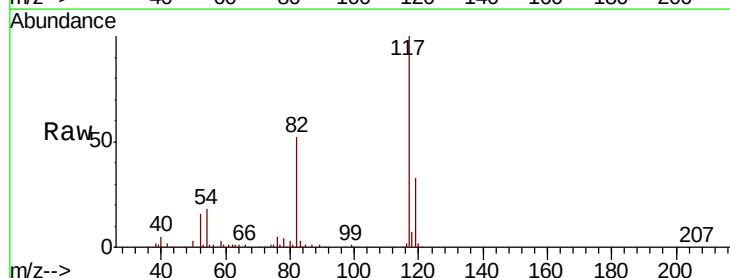
Tgt Ion: 117 Resp: 783575

Ion Ratio Lower Upper

117 100

82 52.2 42.6 64.0

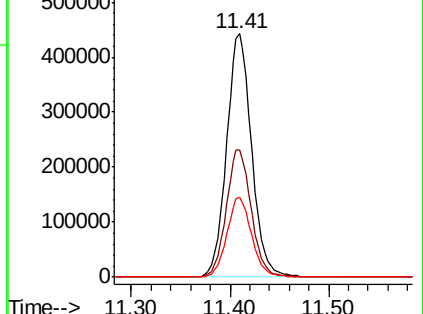
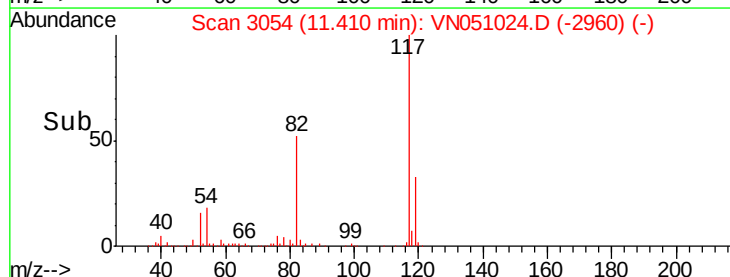
119 32.7 25.8 38.6

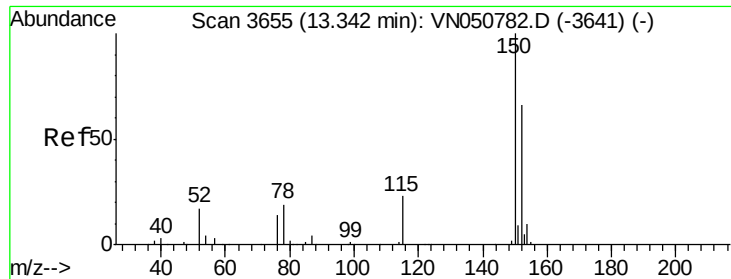


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN051024.D

Acq: 4 Sep 2018 17:10

Instrument :

MSVOA_N

ClientSampleId :

WC-2

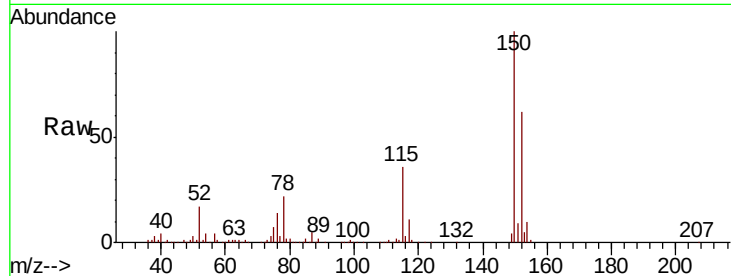
Tot Ion:152 Resp: 257759

Ion Ratio Lower Upper

152 100

115 57.0 27.8 83.4

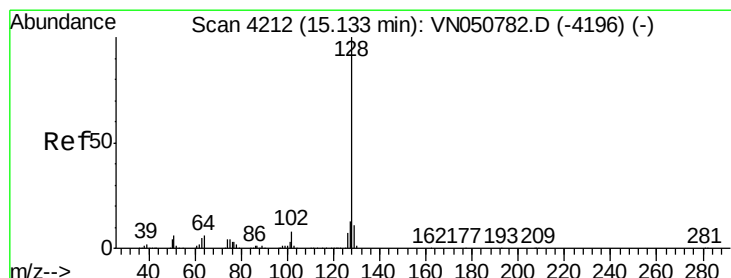
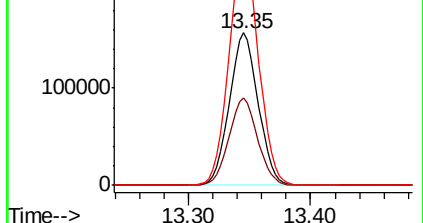
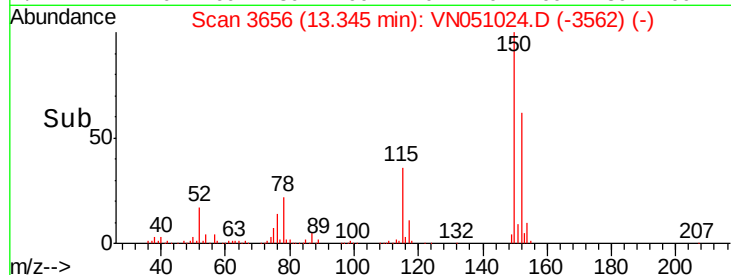
150 160.1 0.0 351.4



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: 6.57 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051024.D

Acq: 4 Sep 2018 17:10

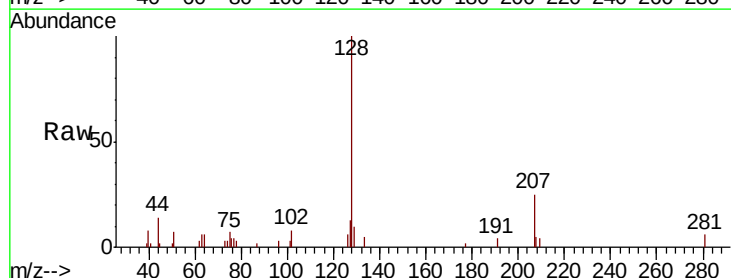
Tgt Ion:128 Resp: 13509

Ion Ratio Lower Upper

128 100

127 15.2 10.5 15.7

129 10.2 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

