

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050745.D
 Acq On : 18 Aug 2018 2:30
 Operator : MD\SY
 Sample : J4500-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12

Quant Time: Aug 18 04:58:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	617393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	993235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	846599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	283060	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	421239	54.13	ug/l	0.00
Spiked Amount			Recovery	=	108.26%	
35) Dibromofluoromethane	7.59	113	392273	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
50) Toluene-d8	10.09	98	1394291	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	
62) 4-Bromofluorobenzene	12.40	95	362530	36.77	ug/l	0.00
Spiked Amount			Recovery	=	73.54%	

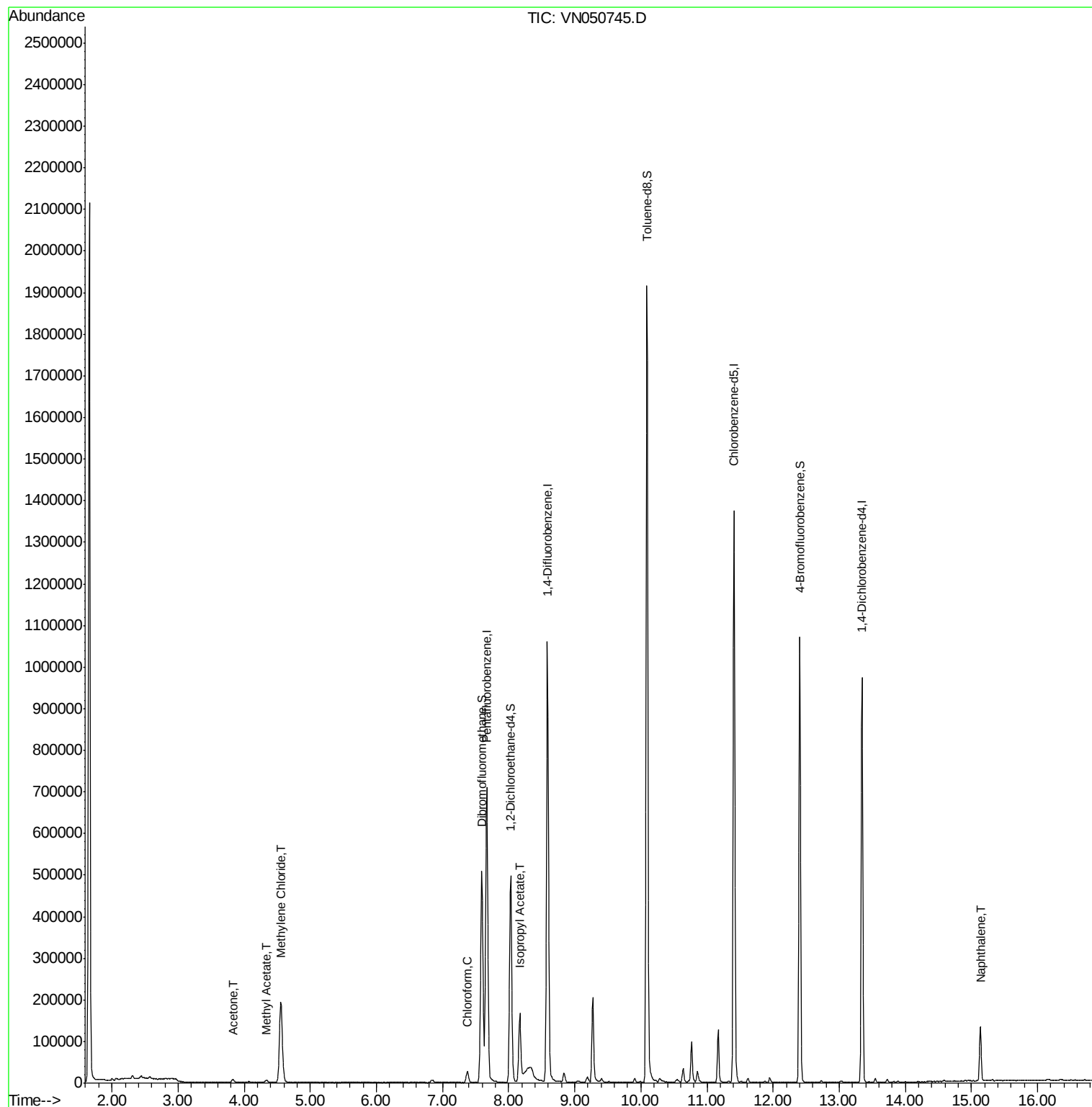
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	14596	6.10	ug/l	99
18) Methyl Acetate	4.33	43	11168	1.07	ug/l	# 73
20) Methylene Chloride	4.56	84	153265	19.96	ug/l	96
30) Chloroform	7.37	83	28493	2.03	ug/l	98
43) Isopropyl Acetate	8.17	43	195537	17.17	ug/l	99
95) Naphthalene	15.14	128	115712	13.67	ug/l	98

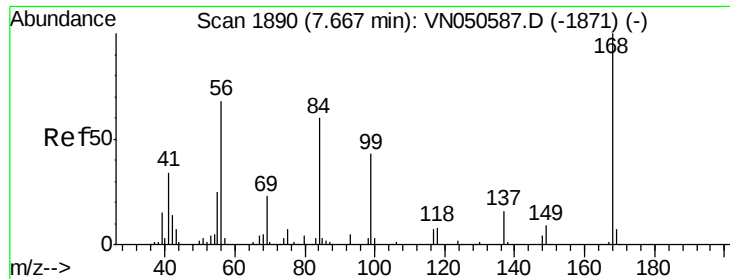
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050745.D

Acq: 18 Aug 2018 2:30

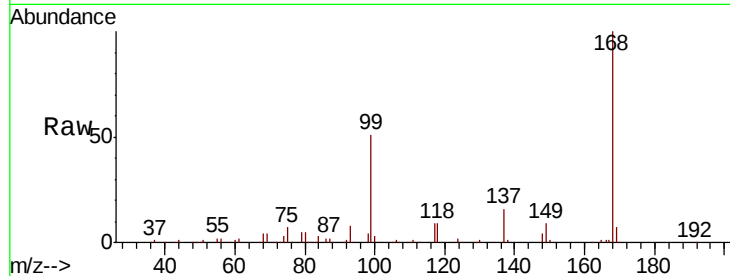
Instrument :
MSVOA_N
ClientSampled :
TP-12

Tot Ion:168 Resp: 617393

Ion Ratio Lower Upper

168 100

99 51.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

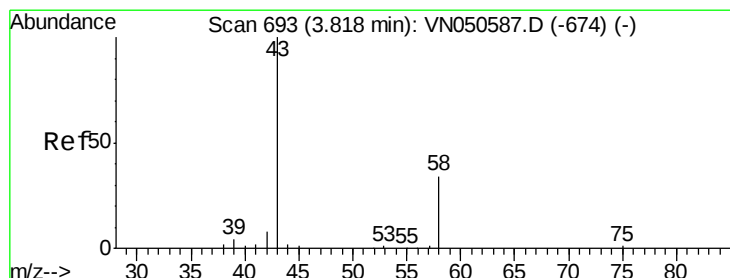
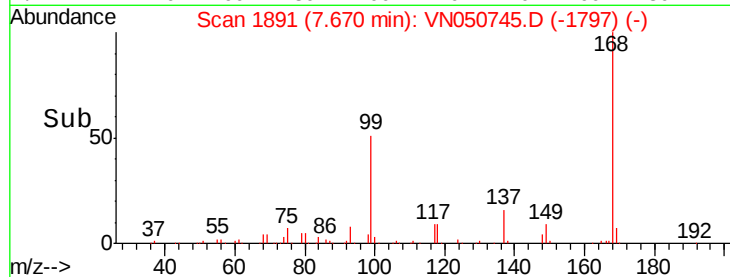
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.10 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050745.D

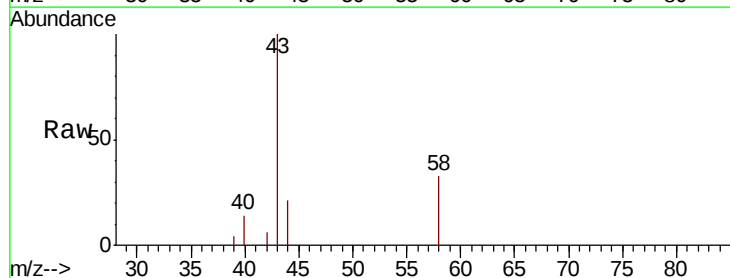
Acq: 18 Aug 2018 2:30

Tgt Ion: 43 Resp: 14596

Ion Ratio Lower Upper

43 100

58 33.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.83

6000

5000

4000

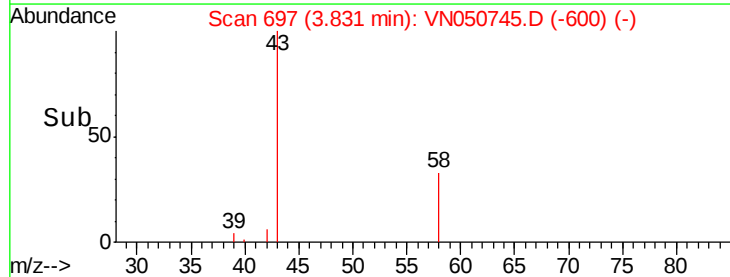
3000

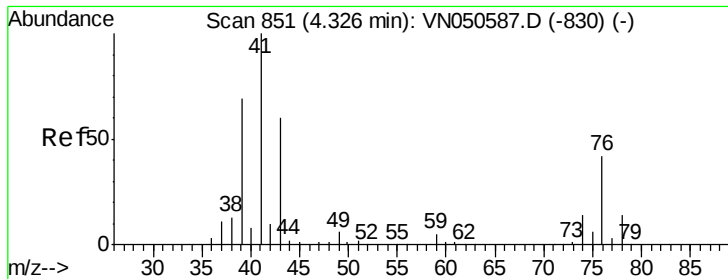
2000

1000

0

Time-->

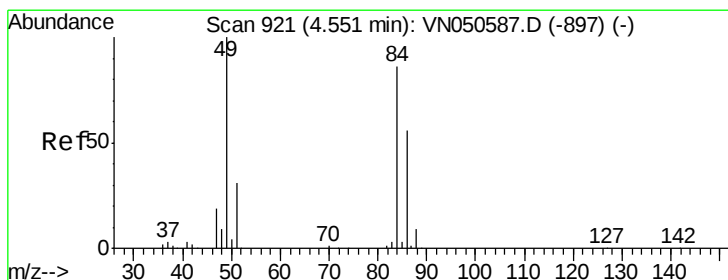
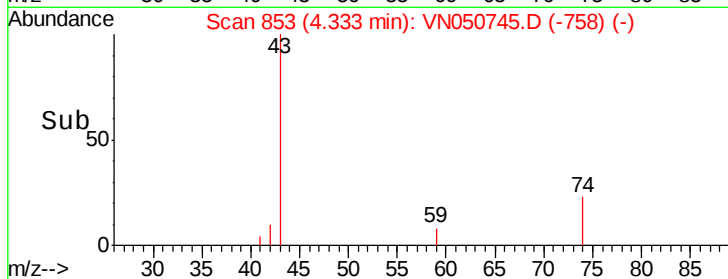
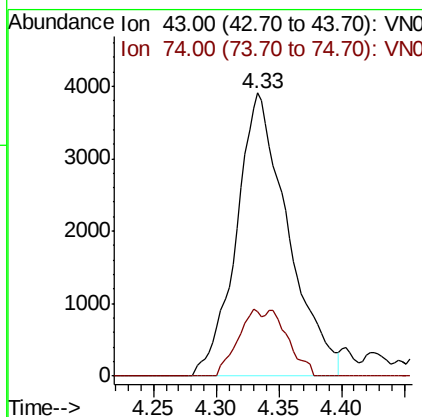
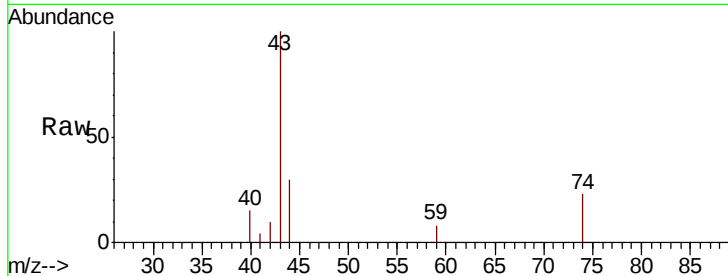




#18
Methvl Acetate
Concen: 1.07 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050745.D
Acq: 18 Aug 2018 2:30

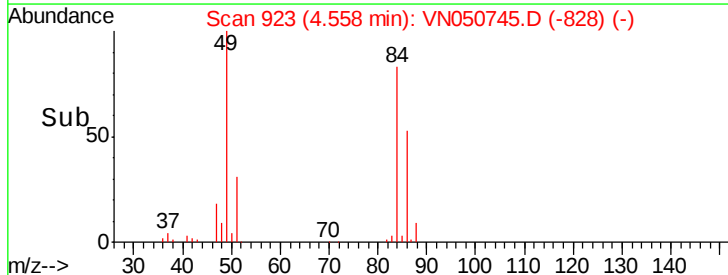
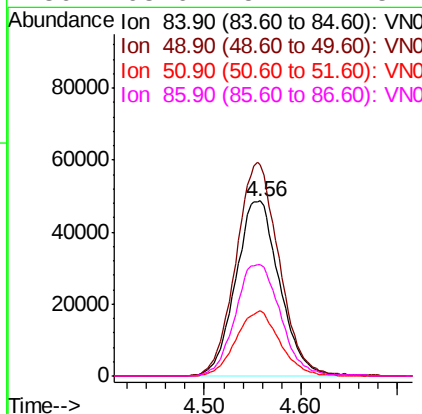
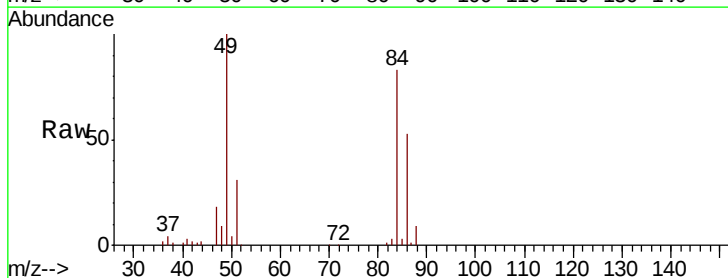
Instrument :
MSVOA_N
ClientSampled :
TP-12

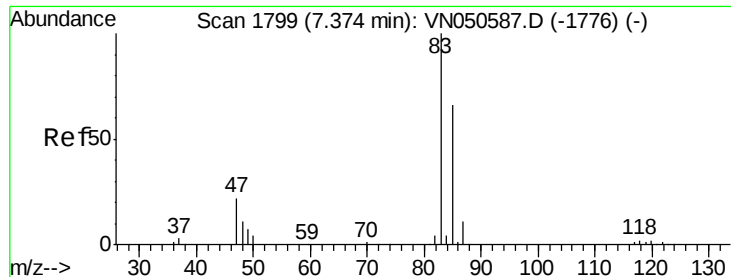
Tot Ion: 43 Resp: 11168
Ion Ratio Lower Upper
43 100
74 10.9 19.7 29.5#



#20
Methylene Chloride
Concen: 19.96 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050745.D
Acq: 18 Aug 2018 2:30

Tgt Ion: 84 Resp: 153265
Ion Ratio Lower Upper
84 100
49 120.9 92.6 138.8
51 37.3 28.6 43.0
86 63.6 52.2 78.2

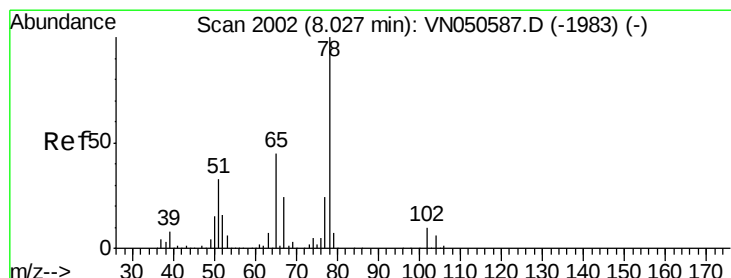
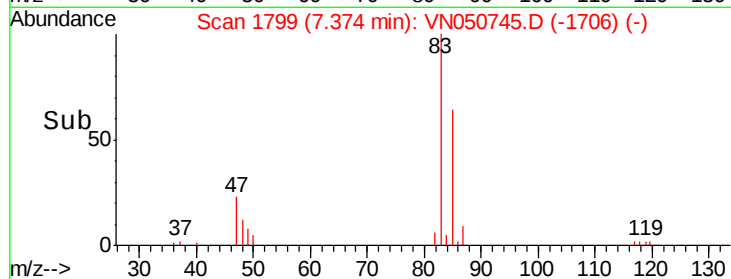
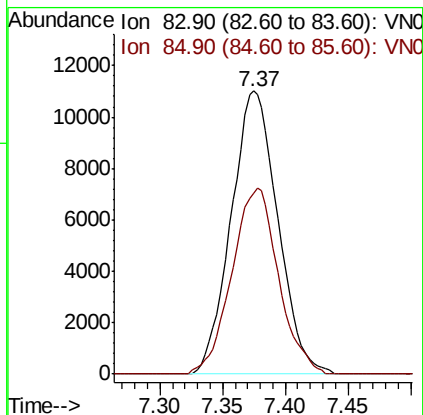
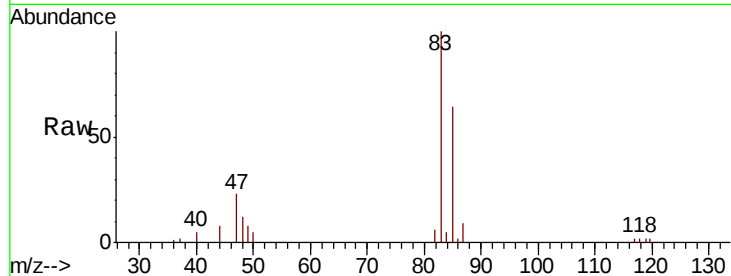




#30
Chloroform
Concen: 2.03 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050745.D
Acq: 18 Aug 2018 2:30

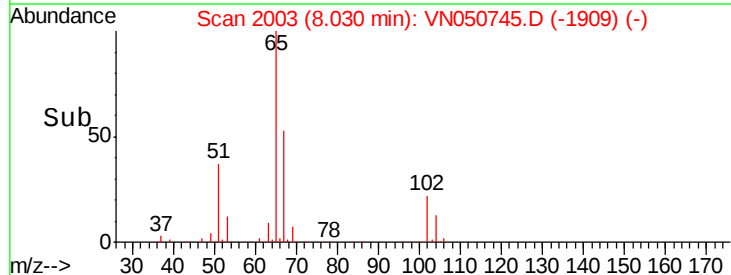
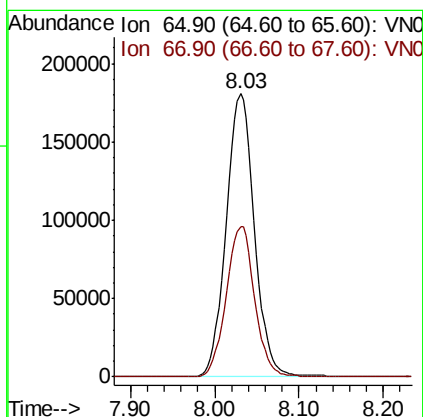
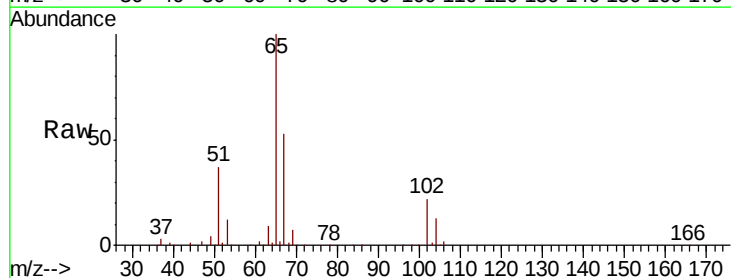
Instrument :
MSVOA_N
ClientSampled :
TP-12

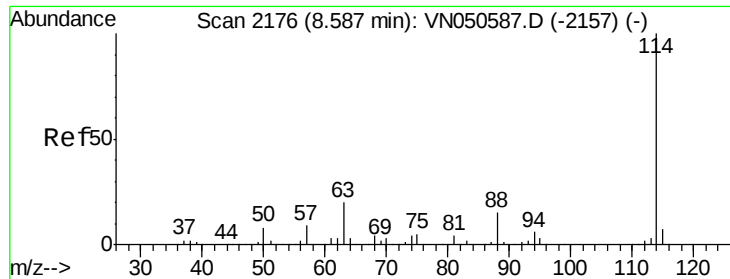
Tot Ion: 83 Resp: 28493
Ion Ratio Lower Upper
83 100
85 64.1 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 54.13 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050745.D
Acq: 18 Aug 2018 2:30

Tgt Ion: 65 Resp: 421239
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.8

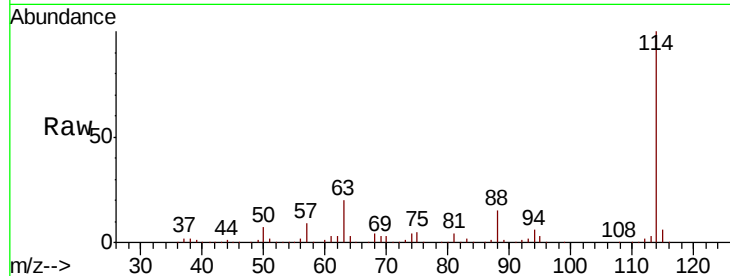




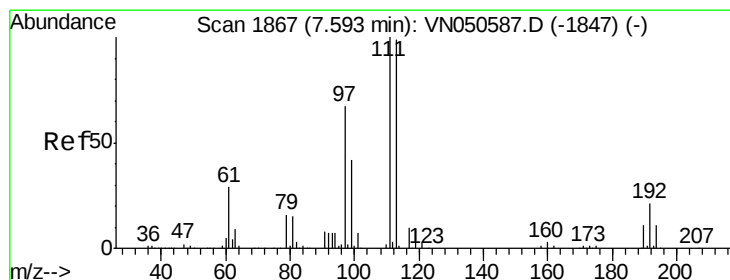
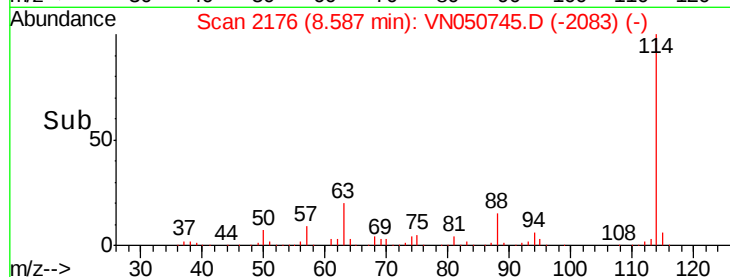
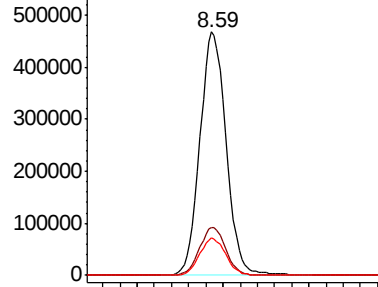
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050745.D
 Acq: 18 Aug 2018 2:30

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12

Tot Ion:114 Resp: 993235
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.2 0.0 30.8

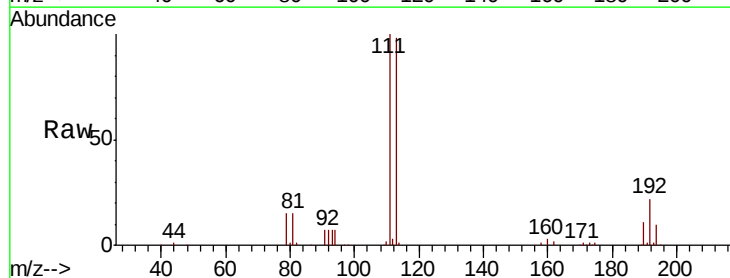


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

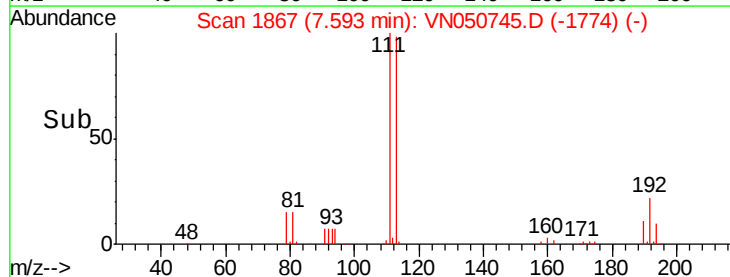
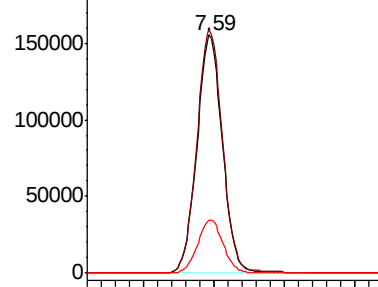


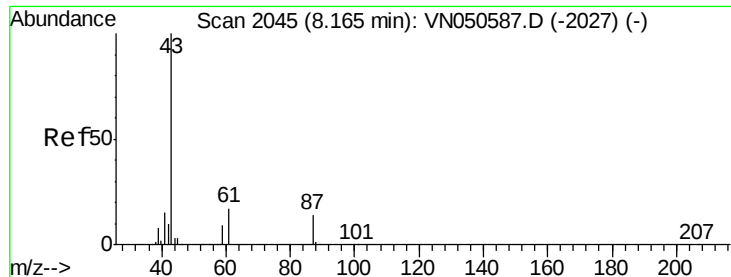
#35
 Dibromofluoromethane
 Concen: 49.47 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050745.D
 Acq: 18 Aug 2018 2:30

Tgt Ion:113 Resp: 392273
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.0 121.6
 192 22.5 17.6 26.4



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: 17.17 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050745.D

Acq: 18 Aug 2018 2:30

Instrument :

MSVOA_N

ClientSampleId :

TP-12

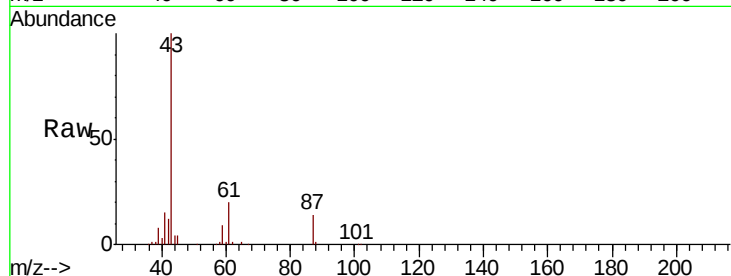
Tot Ion: 43 Resp: 195537

Ion Ratio Lower Upper

43 100

61 20.7 16.2 24.2

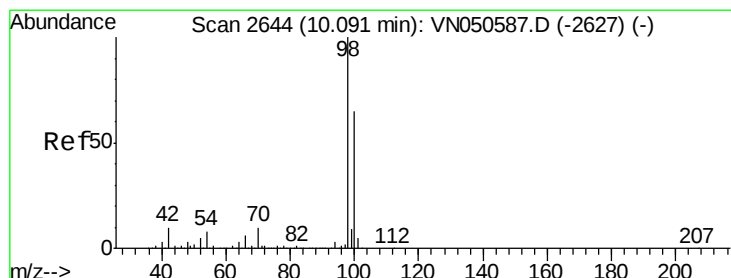
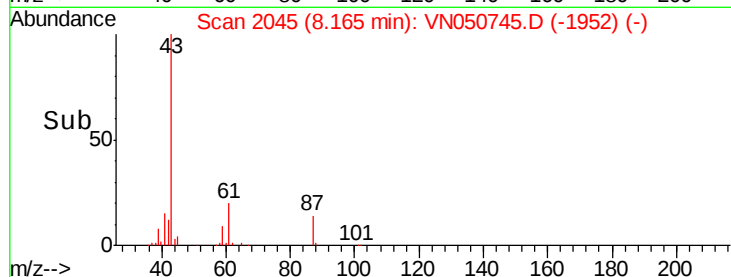
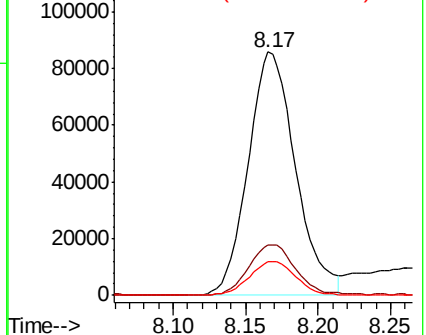
87 13.6 10.9 16.3



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: 46.72 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050745.D

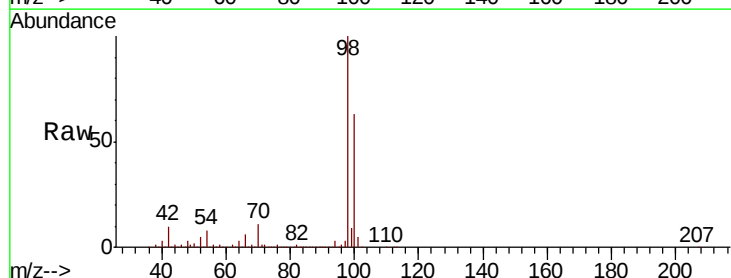
Acq: 18 Aug 2018 2:30

Tgt Ion: 98 Resp: 1394291

Ion Ratio Lower Upper

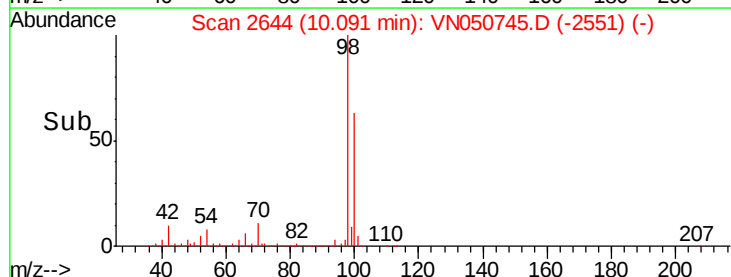
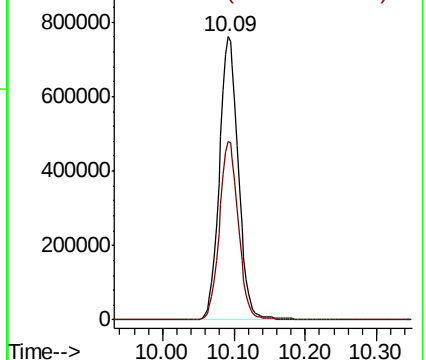
98 100

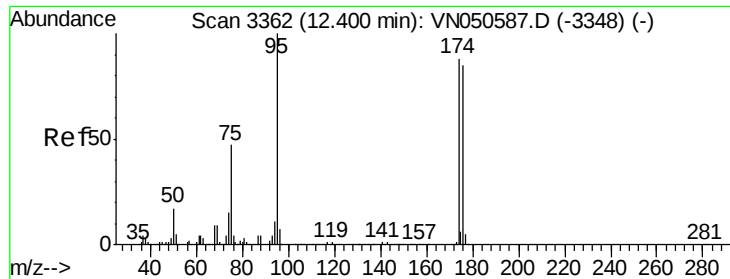
100 63.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.77 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050745.D

Acq: 18 Aug 2018 2:30

Instrument :

MSVOA_N

ClientSampleId :

TP-12

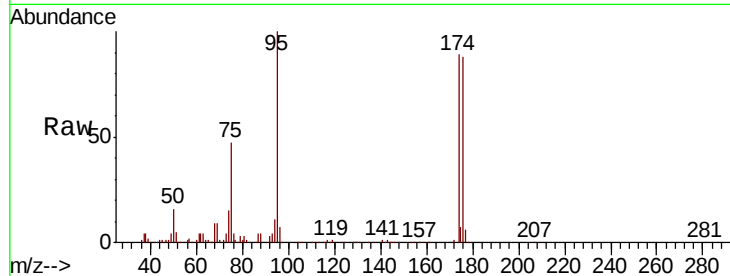
Tot Ion: 95 Resp: 362530

Ion Ratio Lower Upper

95 100

174 91.0 0.0 177.8

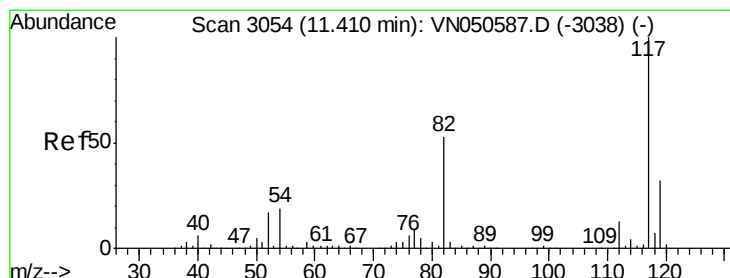
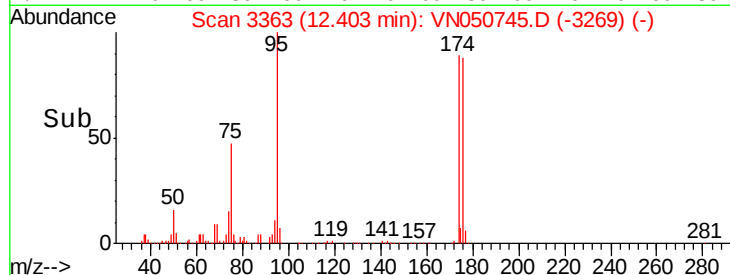
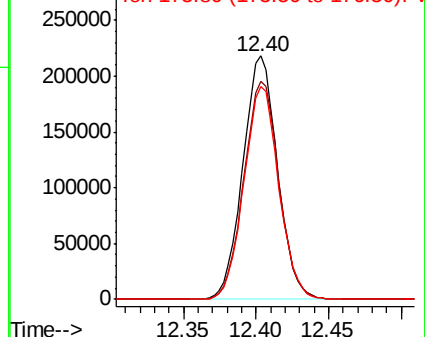
176 87.9 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050745.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050745.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050745.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050745.D

Acq: 18 Aug 2018 2:30

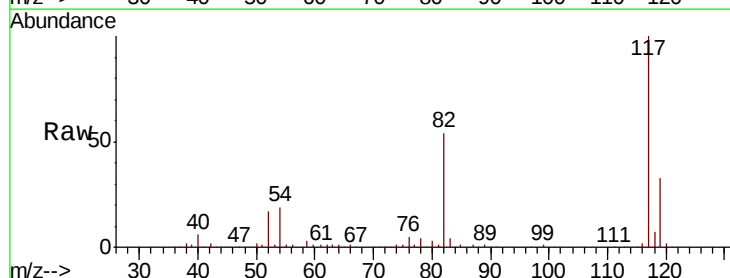
Tgt Ion: 117 Resp: 846599

Ion Ratio Lower Upper

117 100

82 53.5 42.4 63.6

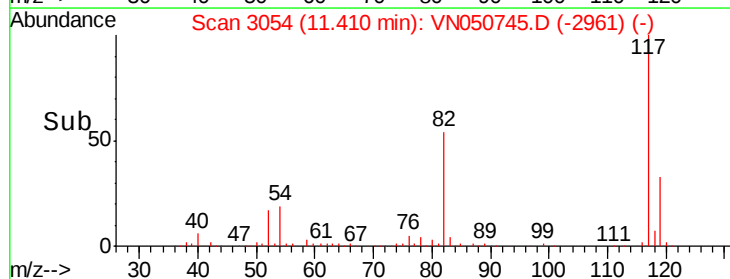
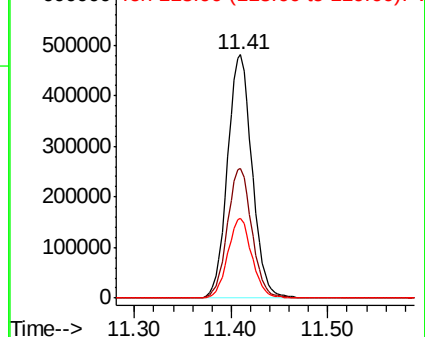
119 32.8 25.8 38.8

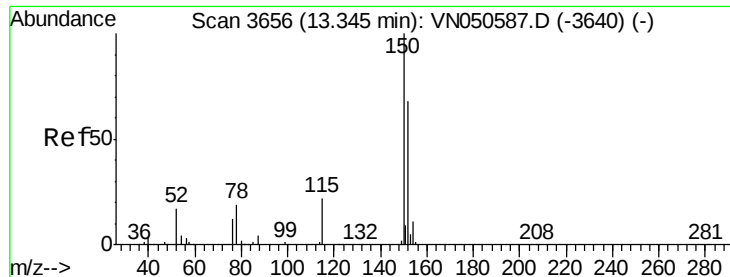


Abundance Ion 116.90 (116.60 to 117.60): VN050745.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050745.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050745.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: VN050745.D

Acq: 18 Aug 2018 2:30

Instrument :

MSVOA_N

ClientSampleId :

TP-12

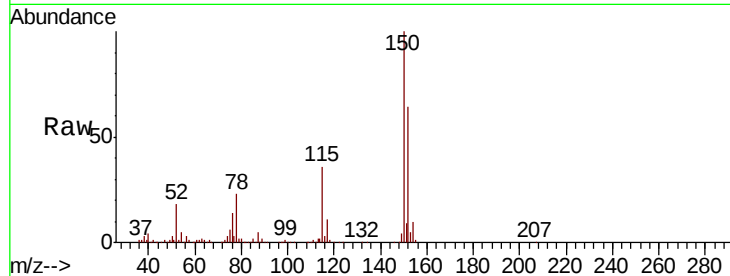
Tot Ion:152 Resp: 283060

Ion Ratio Lower Upper

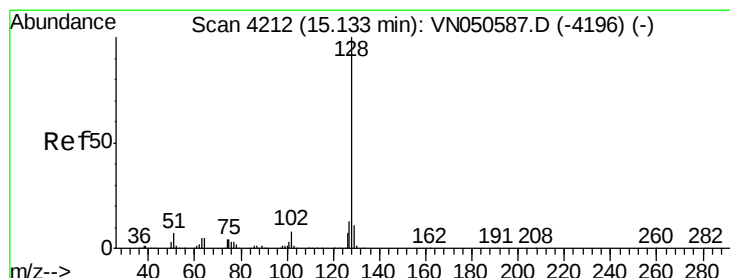
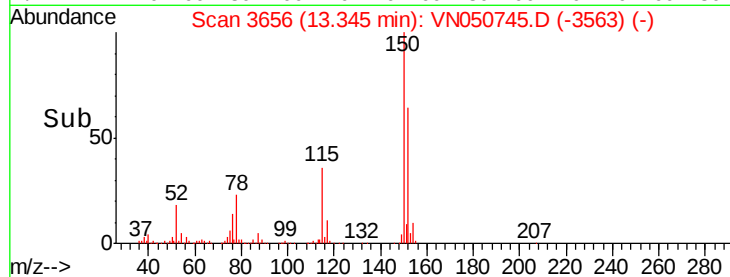
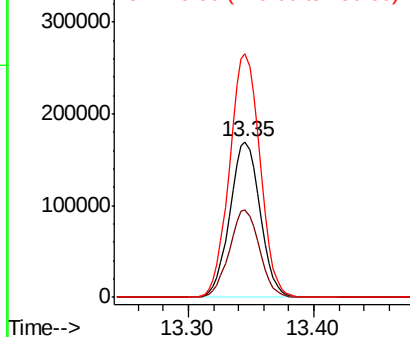
152 100

115 55.9 28.1 84.2

150 157.8 0.0 347.8



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: 13.67 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050745.D

Acq: 18 Aug 2018 2:30

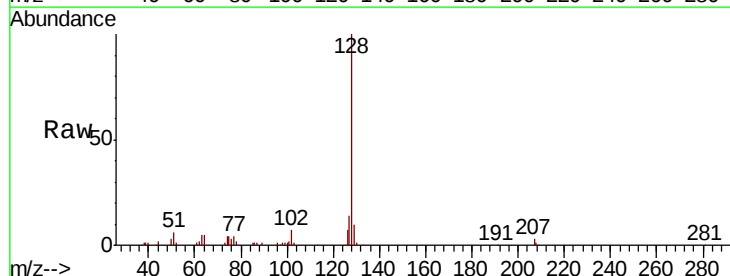
Tgt Ion:128 Resp: 115712

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 10.8 8.5 12.7



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

