

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050348.D
 Acq On : 4 Aug 2018 6:43
 Operator : MD\SY
 Sample : J4313-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-11

Quant Time: Aug 06 00:56:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

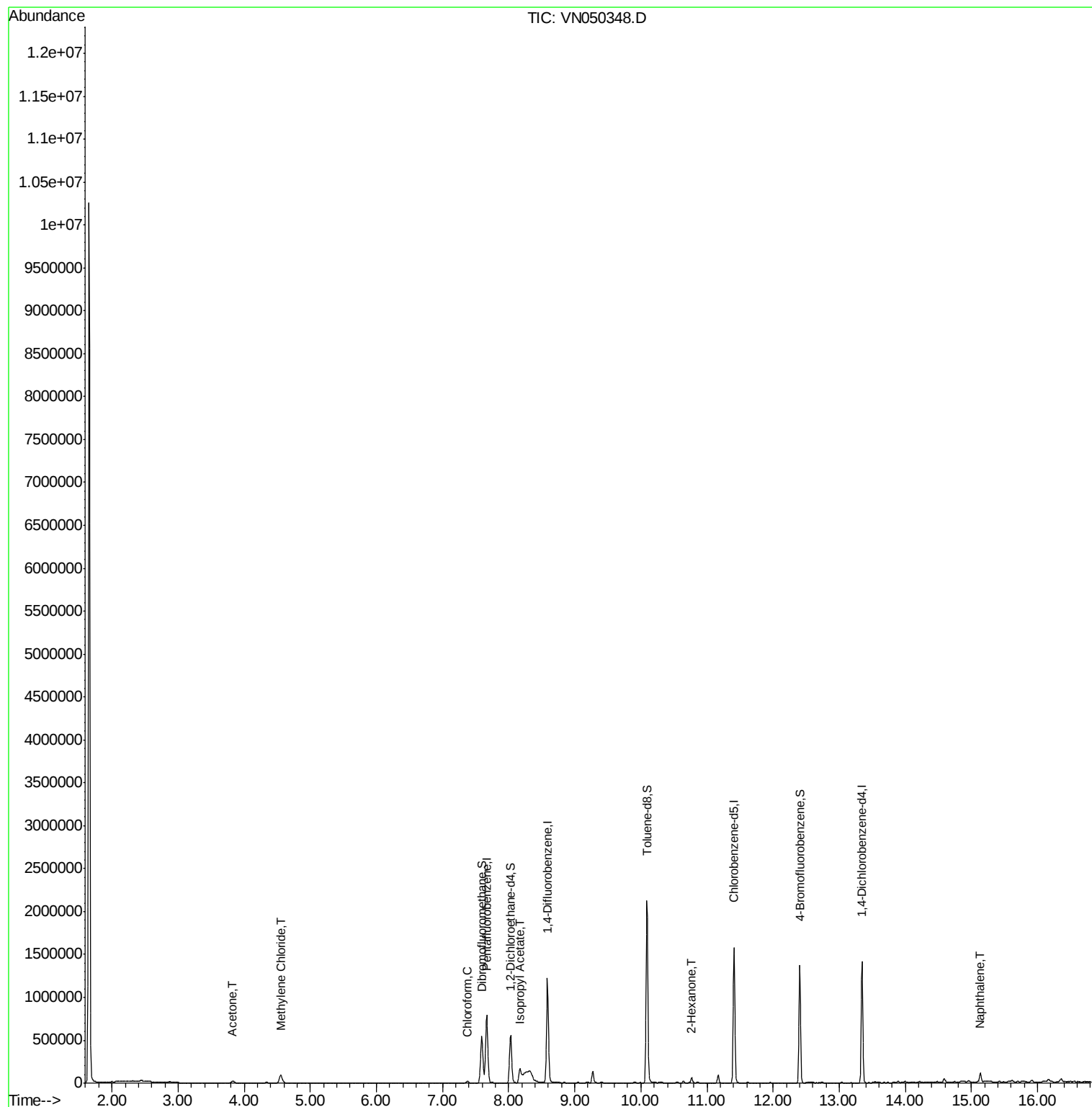
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	677550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1099244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	951334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	396861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	469378	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
35) Dibromofluoromethane	7.59	113	412853	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
50) Toluene-d8	10.09	98	1522969	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
62) 4-Bromofluorobenzene	12.40	95	447728	41.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.42%	
Target Compounds						
16) Acetone	3.82	43	39397	13.59	ug/l	95
20) Methylene Chloride	4.55	84	73508	7.71	ug/l	99
30) Chloroform	7.38	83	19481	1.22	ug/l	99
43) Isopropyl Acetate	8.17	43	219412	12.63	ug/l #	91
59) 2-Hexanone	10.77	43	9247	6.63	ug/l #	58
95) Naphthalene	15.14	128	93684	9.13	ug/l	99

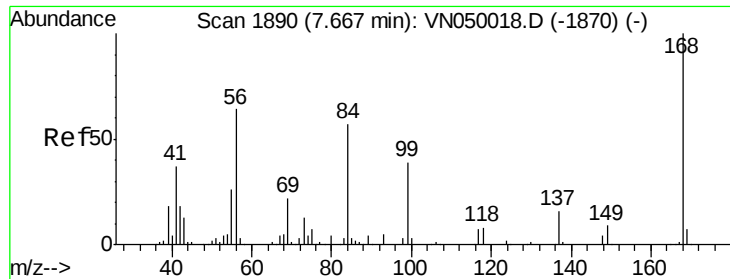
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampleId :
C-11

Quant Time: Aug 06 00:56:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampled :

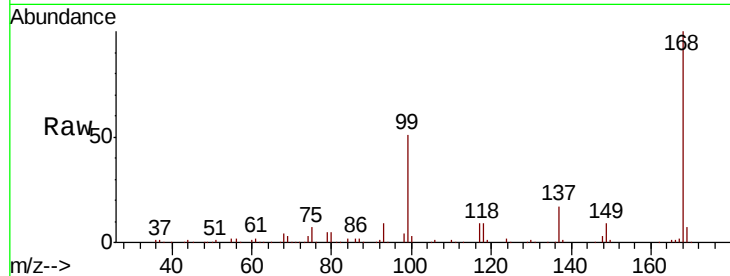
C-11

Tot Ion:168 Resp: 677550

Ion Ratio Lower Upper

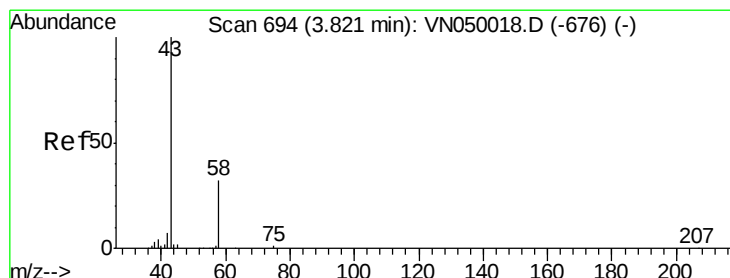
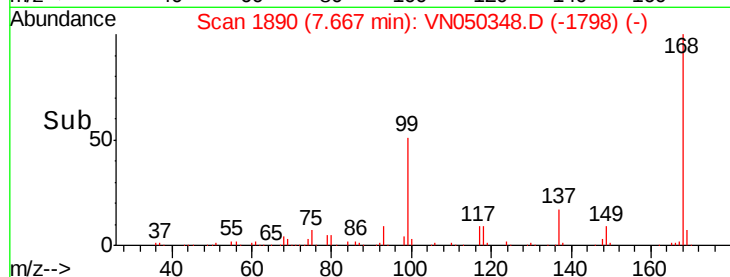
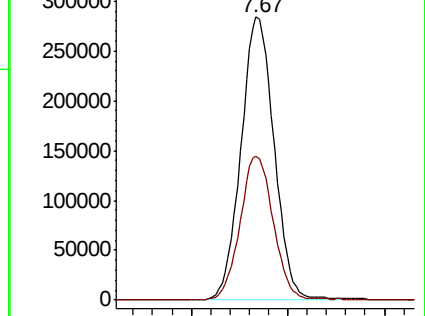
168 100

99 51.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 13.59 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050348.D

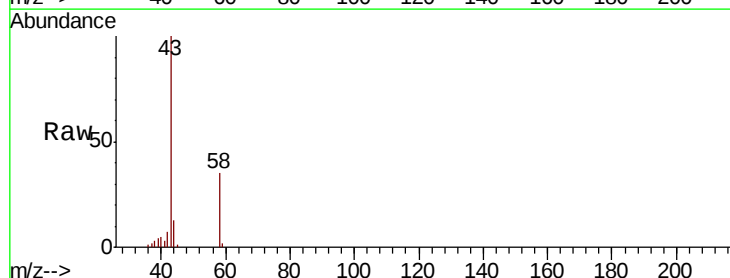
Acq: 4 Aug 2018 6:43

Tgt Ion: 43 Resp: 39397

Ion Ratio Lower Upper

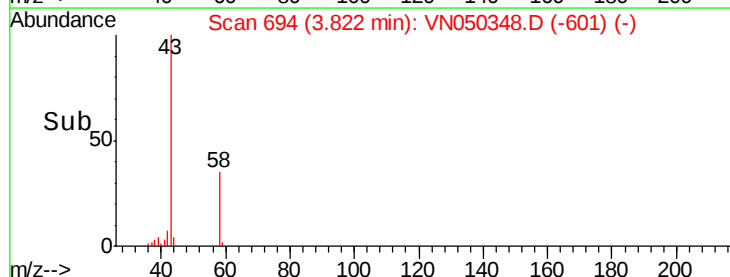
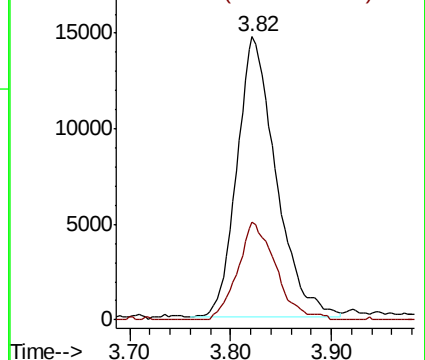
43 100

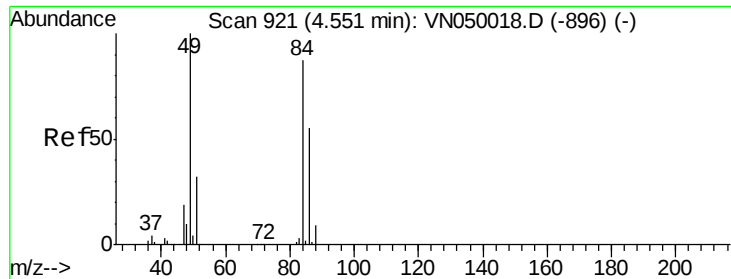
58 34.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methvlene Chloride

Concen: 7.71 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampled :

C-11

Tot Ion: 84 Resp: 73508

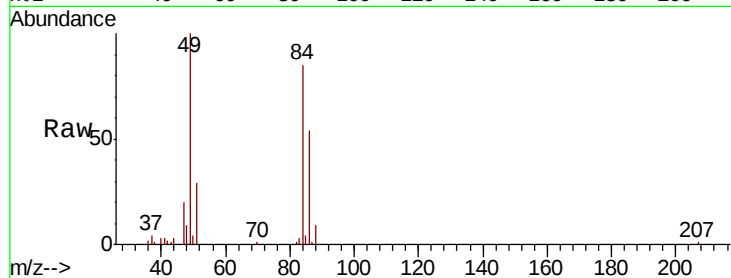
Ion Ratio Lower Upper

84 100

49 117.0 94.8 142.2

51 33.7 28.3 42.5

86 63.1 51.0 76.6

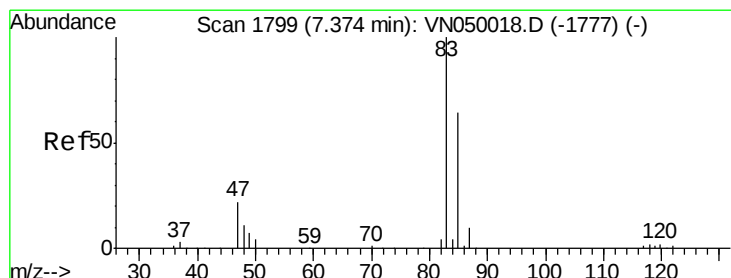
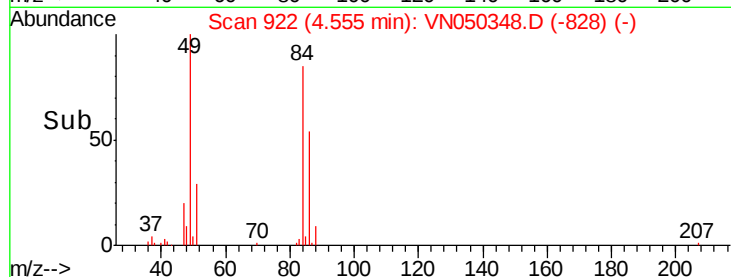
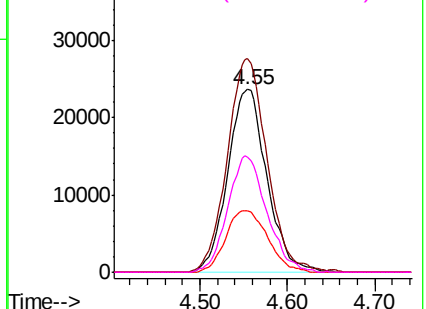


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#30

Chloroform

Concen: 1.22 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050348.D

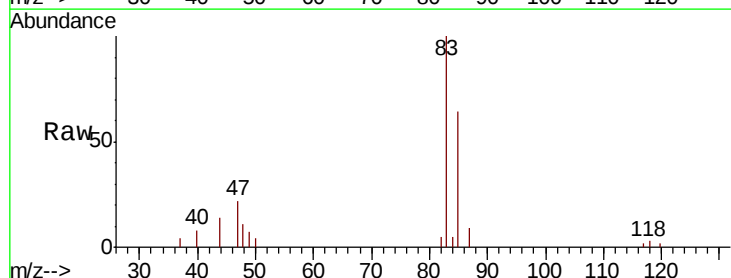
Acq: 4 Aug 2018 6:43

Tgt Ion: 83 Resp: 19481

Ion Ratio Lower Upper

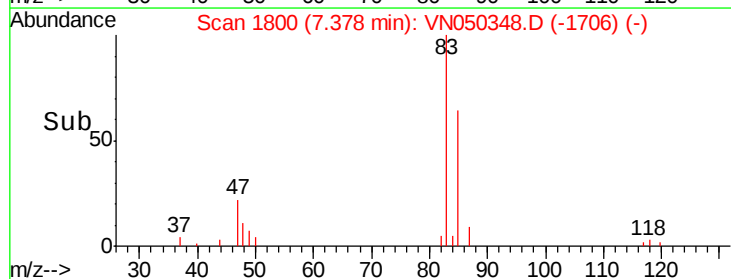
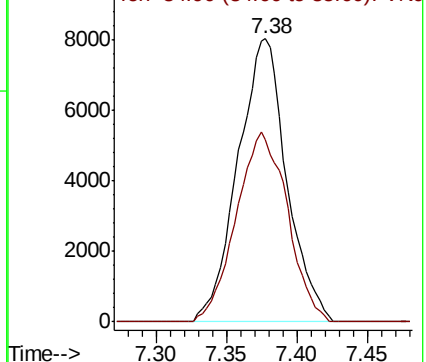
83 100

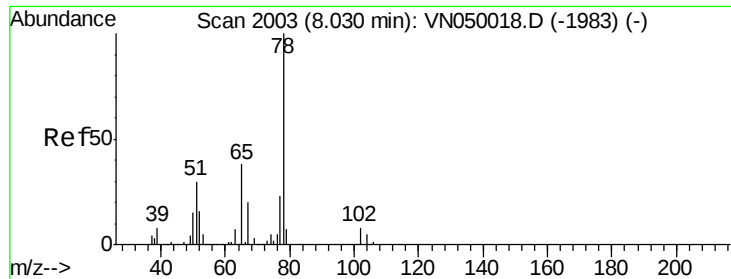
85 64.5 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.65 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampled :

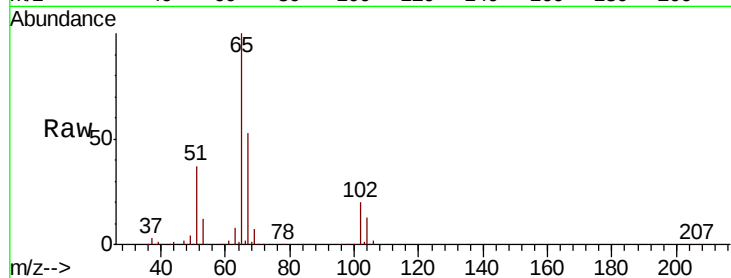
C-11

Tot Ion: 65 Resp: 469378

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

150000

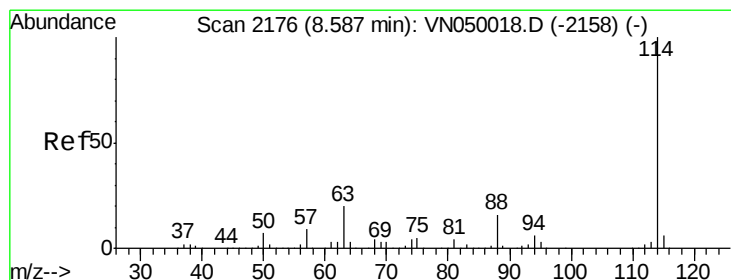
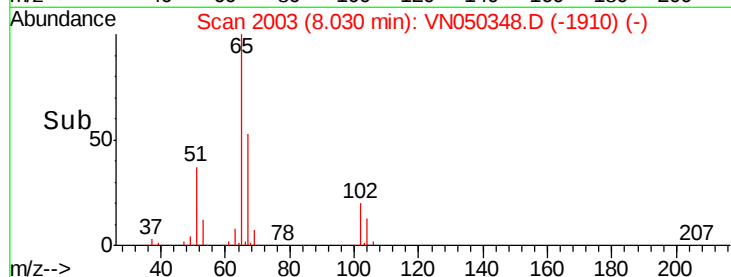
100000

50000

0

8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

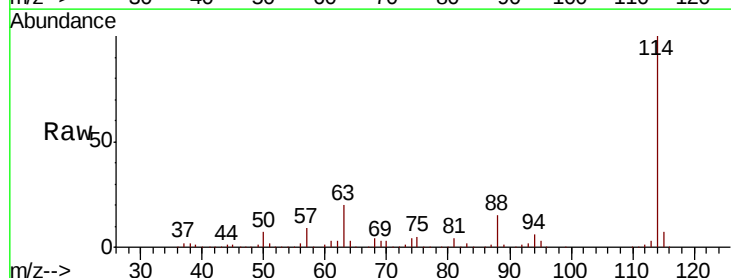
Tgt Ion: 114 Resp: 1099244

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.0 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

600000

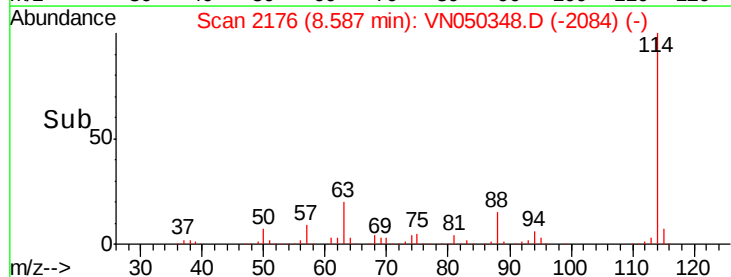
400000

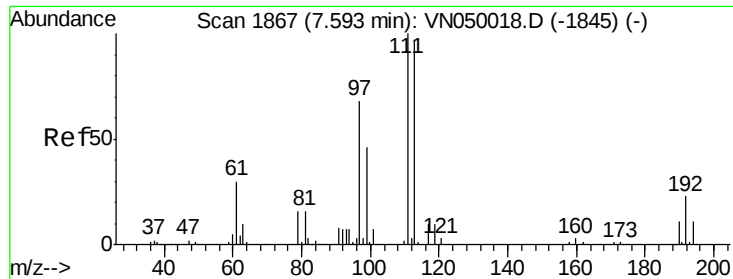
200000

0

8.50 8.60 8.70

Time-->

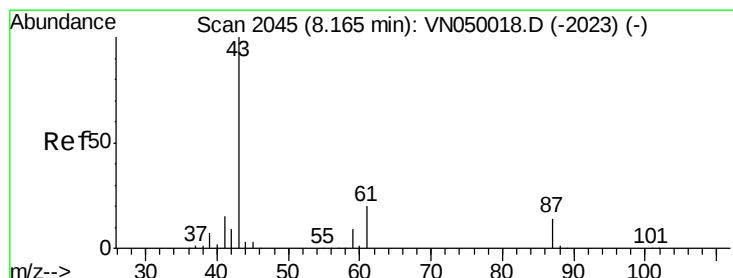
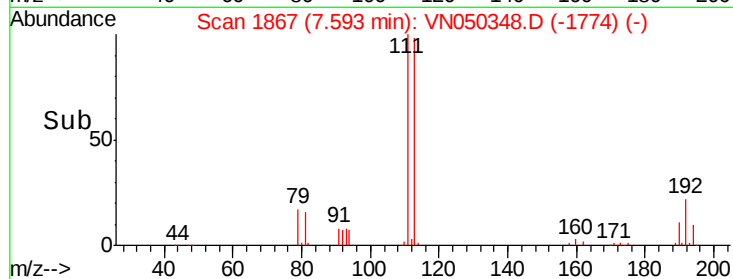
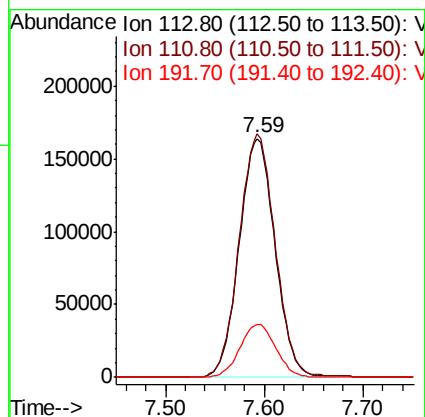
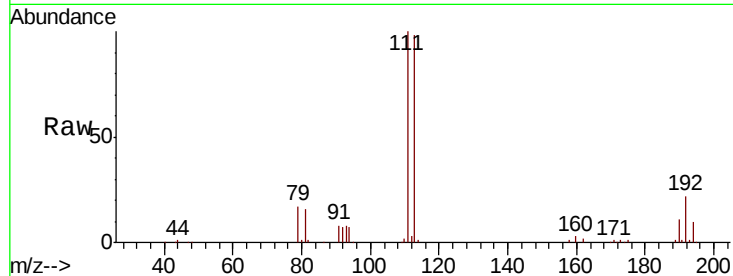




#35
 Dibromofluoromethane
 Concen: 46.00 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050348.D
 Acq: 4 Aug 2018 6:43

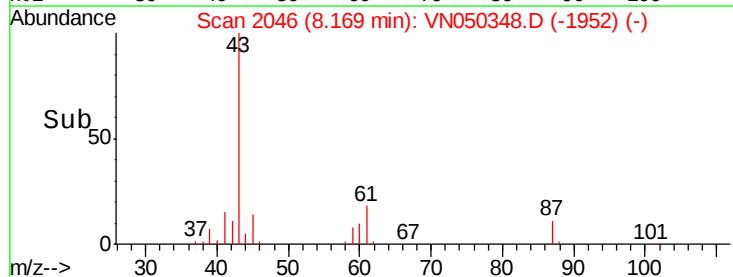
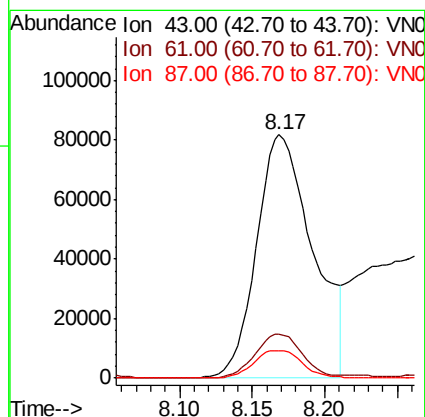
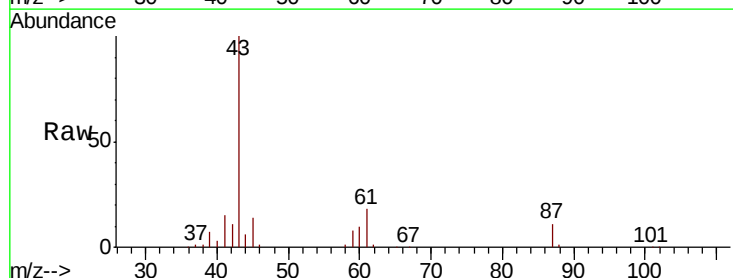
Instrument :
 MSVOA_N
 ClientSampled :
 C-11

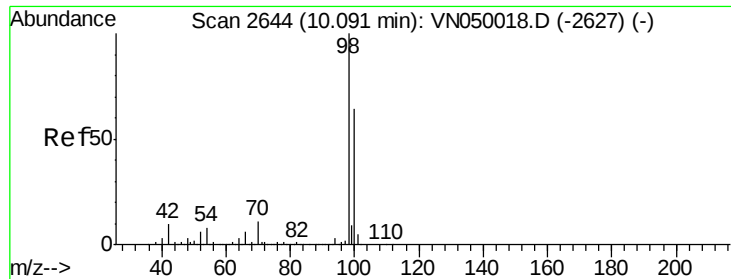
Tot Ion:113 Resp: 412853
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.7 121.1
 192 22.2 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 12.63 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050348.D
 Acq: 4 Aug 2018 6:43

Tgt Ion: 43 Resp: 219412
 Ion Ratio Lower Upper
 43 100
 61 15.3 15.8 23.6#
 87 10.0 10.3 15.5#

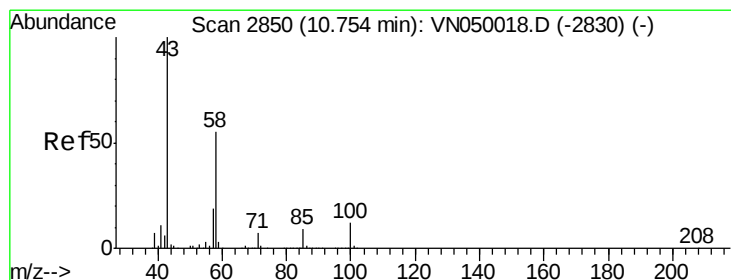
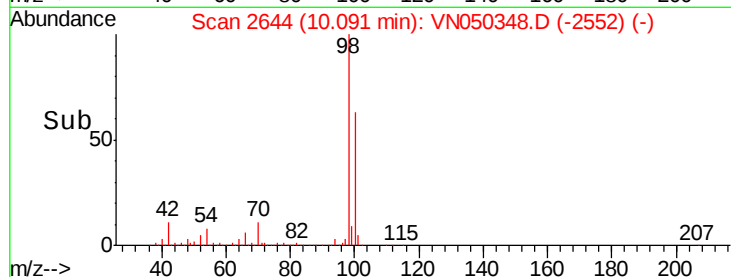
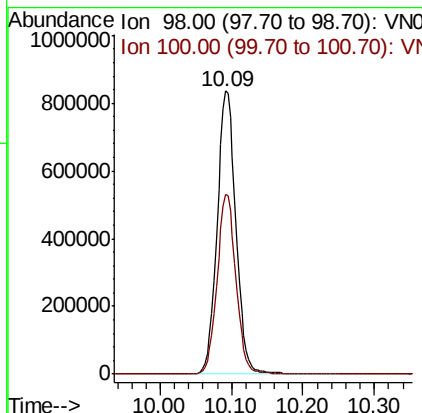
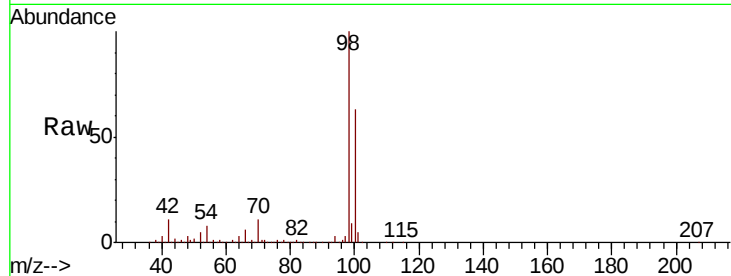




#50
Toluene-d8
Concen: 46.16 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

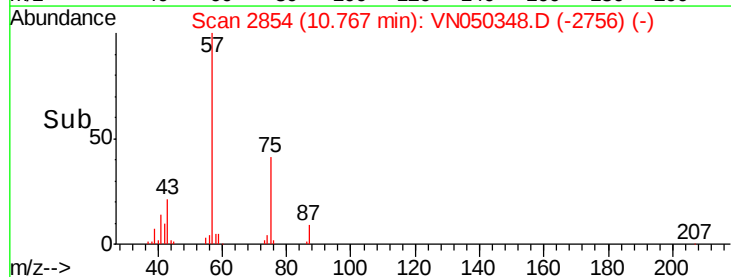
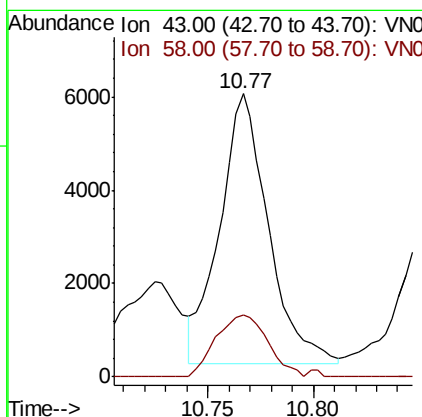
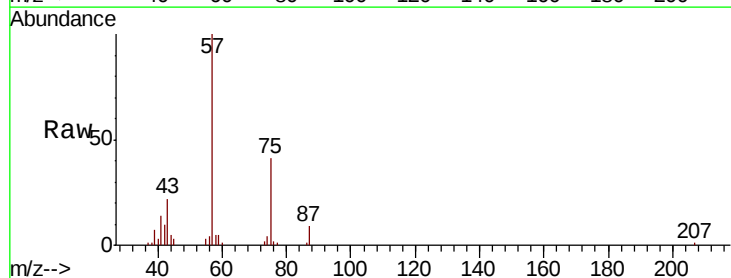
Instrument :
MSVOA_N
ClientSampleId :
C-11

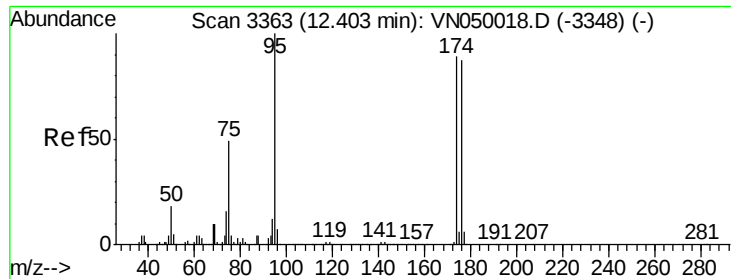
Tot Ion: 98 Resp: 1522969
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#59
2-Hexanone
Concen: 6.63 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

Tgt Ion: 43 Resp: 9247
Ion Ratio Lower Upper
43 100
58 24.5 27.6 82.7#

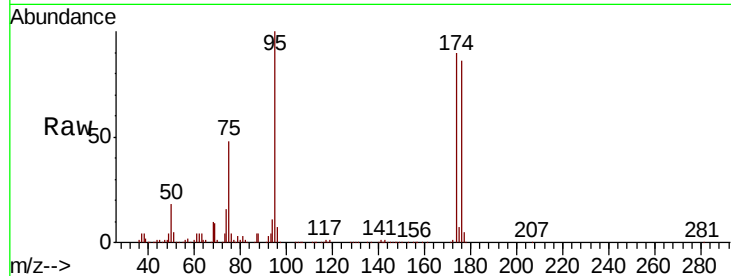




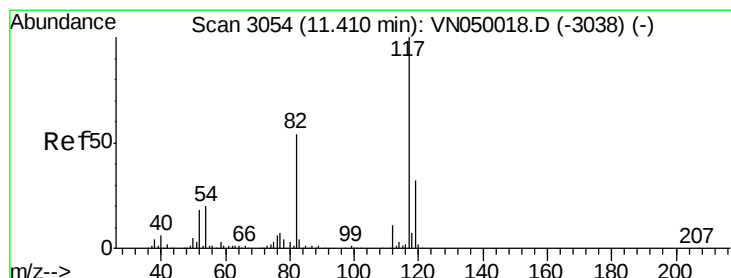
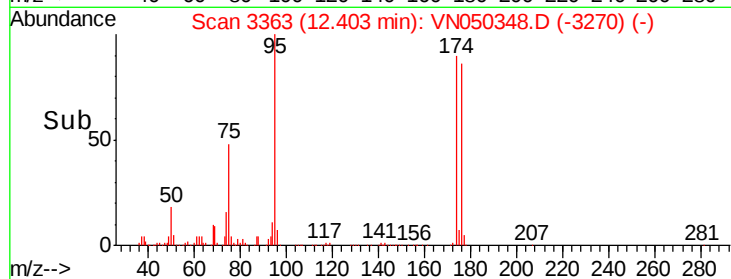
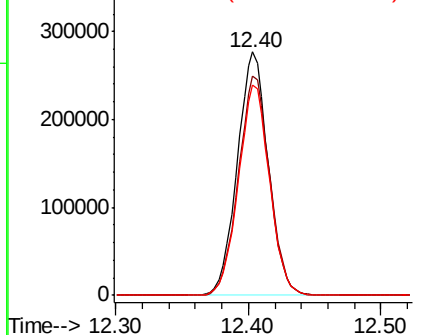
#62
4-Bromofluorobenzene
Concen: 41.21 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

Instrument :
MSVOA_N
ClientSampled :
C-11

Tot Ion: 95 Resp: 447728
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.2
176 87.0 0.0 173.4

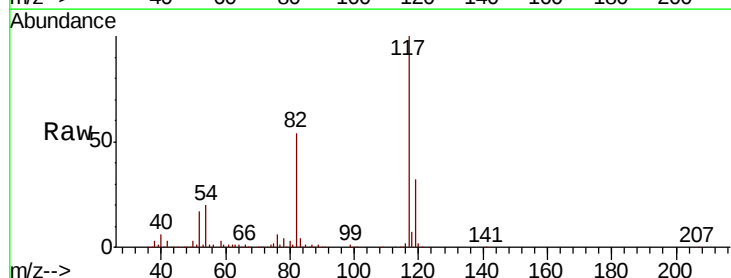


Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)
Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)
Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)

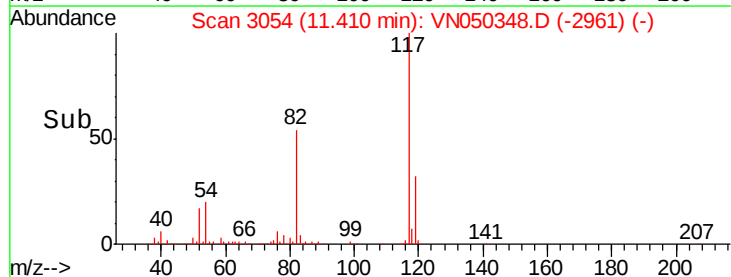
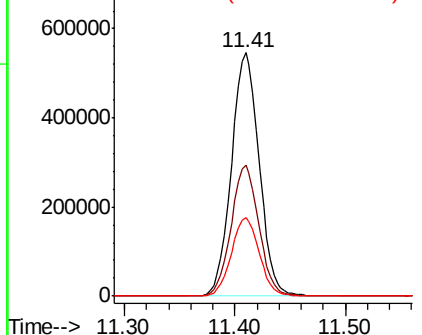


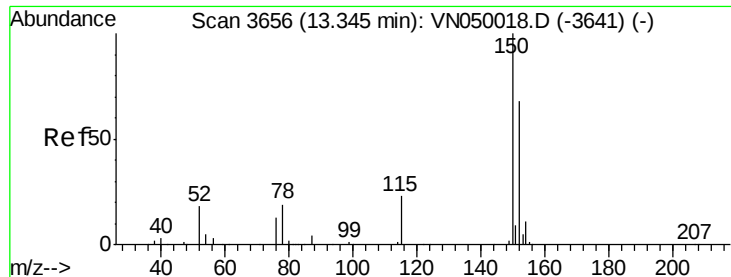
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

Tgt Ion: 117 Resp: 951334
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.1 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)
Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)
Ion 118.90 (118.60 to 119.60): VN050018.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: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampled :

C-11

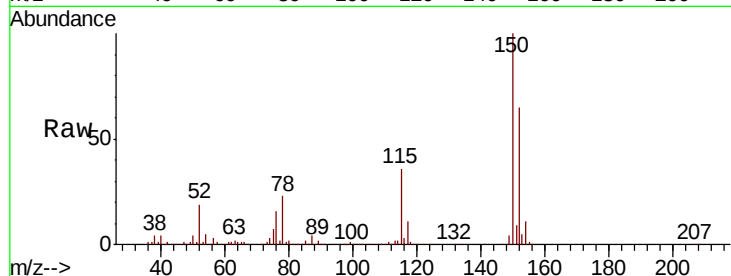
Tot Ion:152 Resp: 396861

Ion Ratio Lower Upper

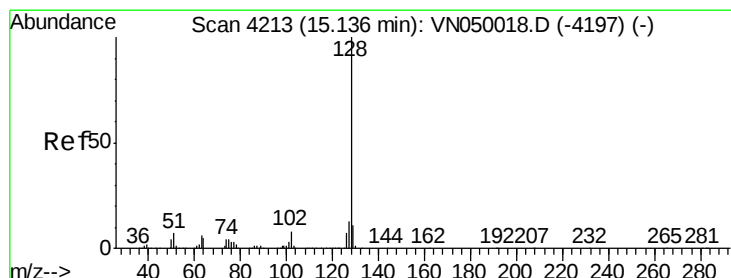
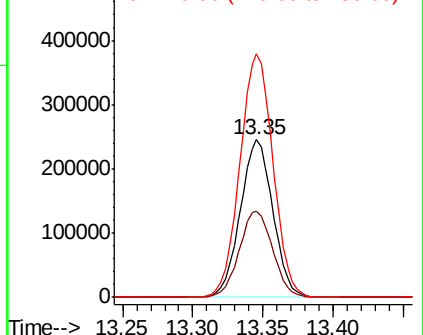
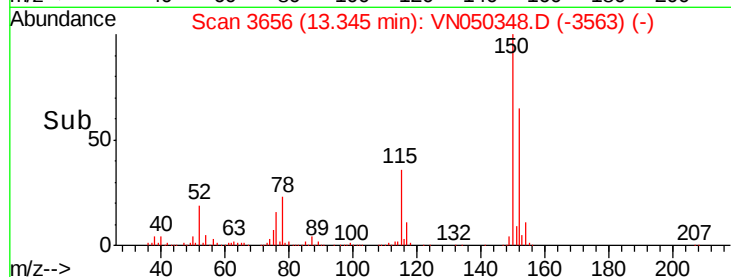
152 100

115 56.2 27.8 83.3

150 157.1 0.0 348.6



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: 9.13 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

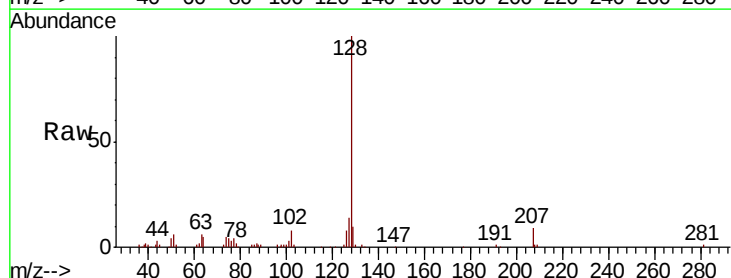
Tgt Ion:128 Resp: 93684

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 10.8 8.8 13.2



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

