

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050170.D
 Acq On : 28 Jul 2018 8:46
 Operator : MD\SY
 Sample : J4189-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-D

Quant Time: Jul 30 03:42:51 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

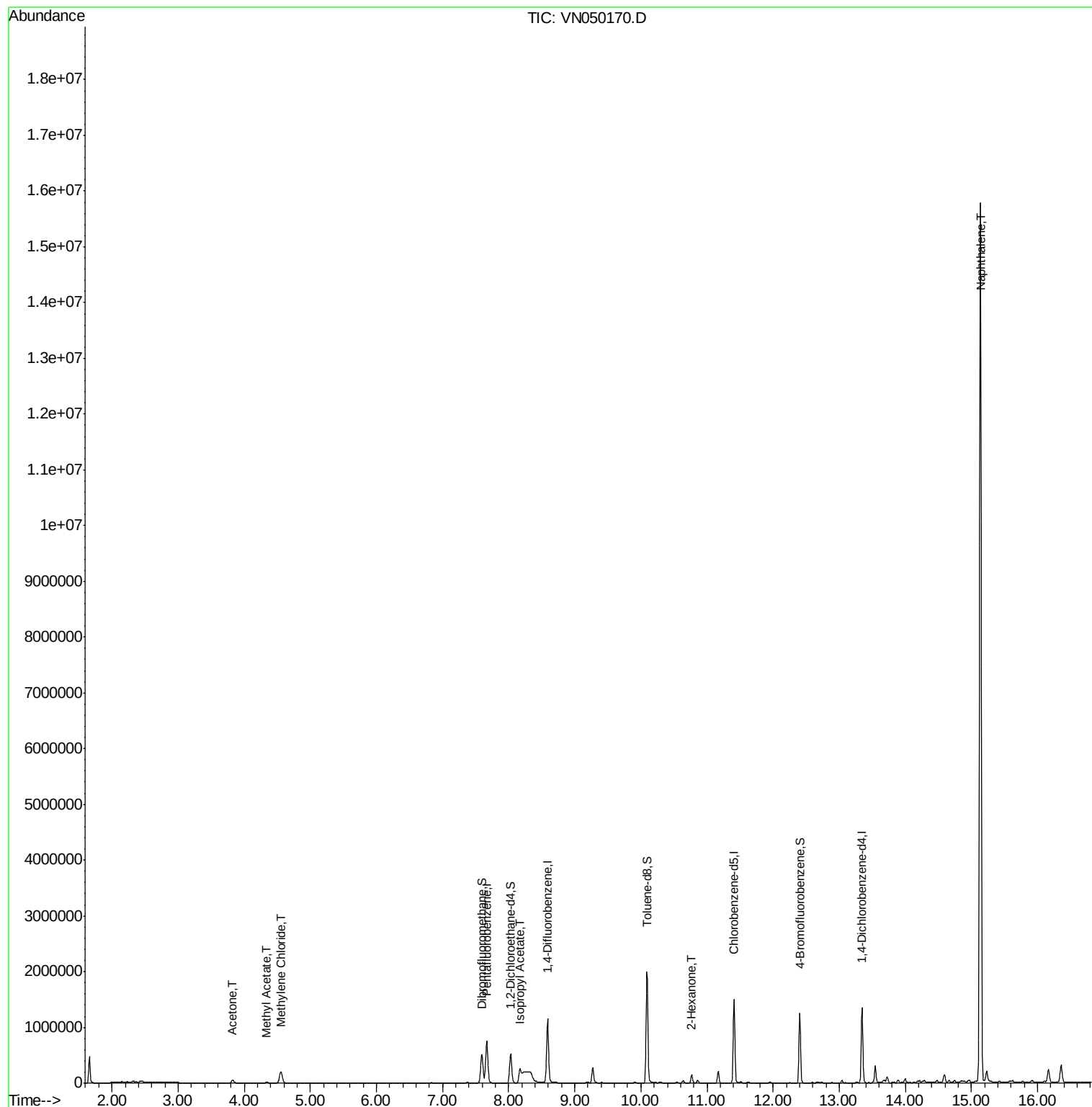
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	642589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1059726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	905001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	377441	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	446305	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	7.59	113	402595	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
50) Toluene-d8	10.09	98	1446078	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
62) 4-Bromofluorobenzene	12.40	95	422201	40.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.62%	
Target Compounds						
16) Acetone	3.82	43	94317	41.031	ug/l	99
18) Methyl Acetate	4.33	43	21382	1.006	ug/l	100
20) Methylene Chloride	4.55	84	159248	19.262	ug/l	98
43) Isopropyl Acetate	8.17	43	336360	20.777	ug/l #	91
59) 2-Hexanone	10.77	43	21023	8.598	ug/l #	57
95) Naphthalene	15.14	128	13743890	731.338	ug/l	100

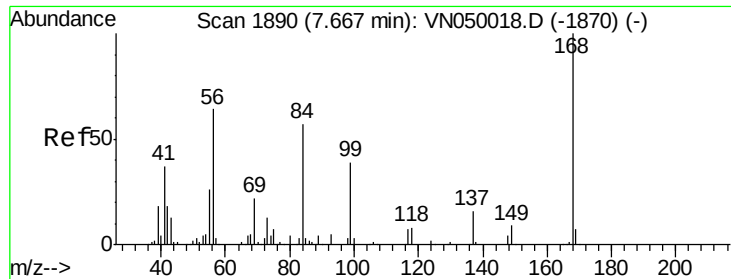
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

MSVOA_N

ClientSampled :

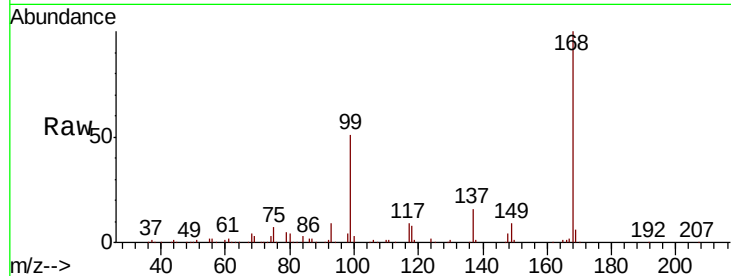
TP-12-D

Tot Ion:168 Resp: 642589

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

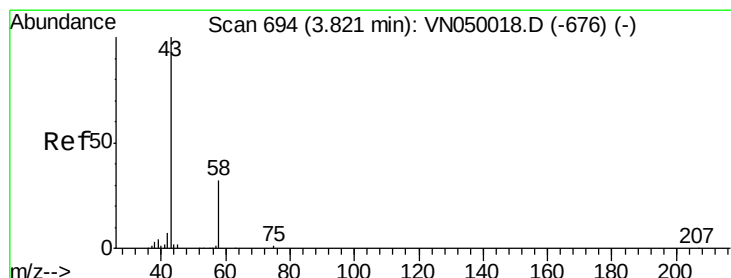
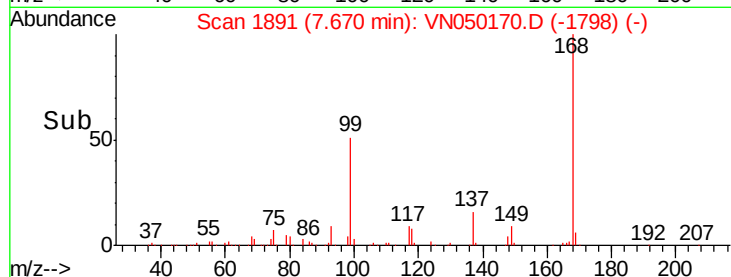
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 41.031 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050170.D

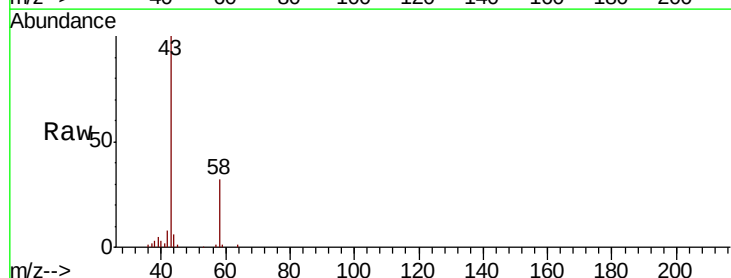
Acq: 28 Jul 2018 8:46

Tgt Ion: 43 Resp: 94317

Ion Ratio Lower Upper

43 100

58 31.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

40000

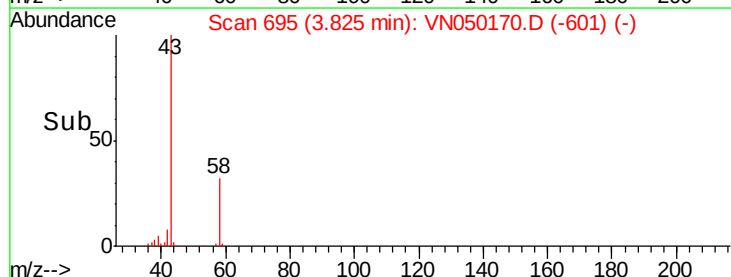
30000

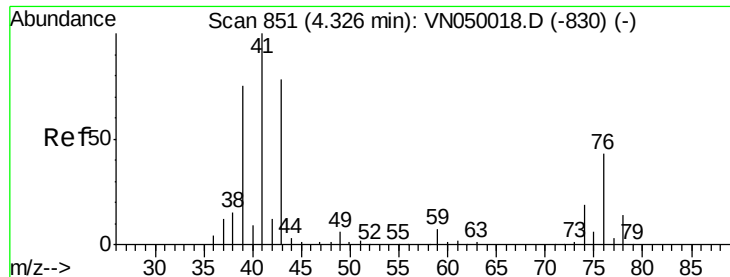
20000

10000

0

Time-->





#18

Methvl Acetate

Concen: 1.006 ug/l

RT: 4.33 min Scan# 852

Delta R.T. -0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

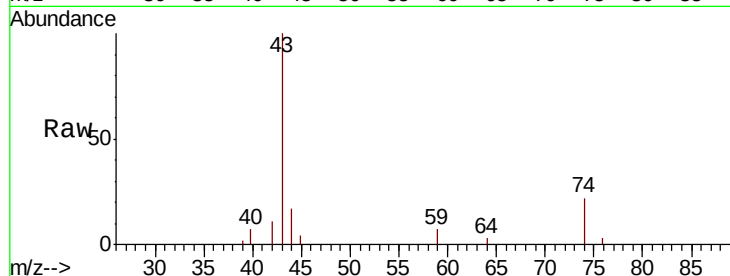
TP-12-D

Tot Ion: 43 Resp: 21382

Ion Ratio Lower Upper

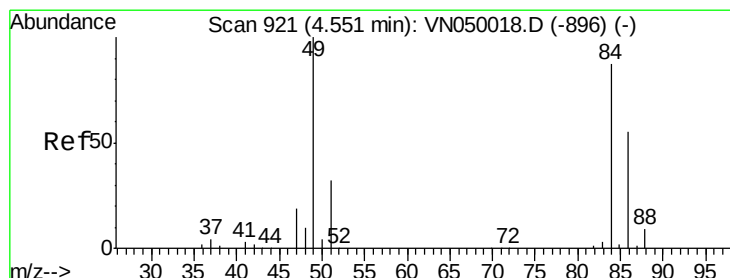
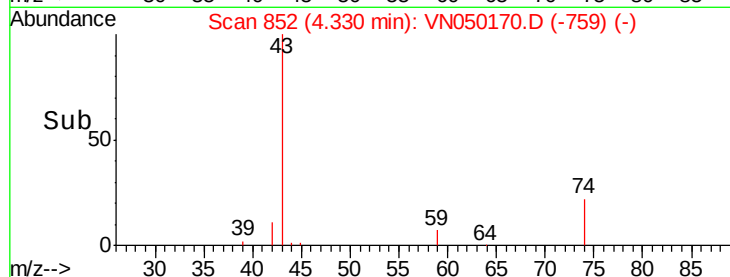
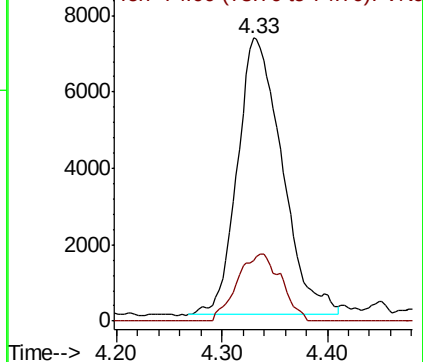
43 100

74 23.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 19.262 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Tgt Ion: 84 Resp: 159248

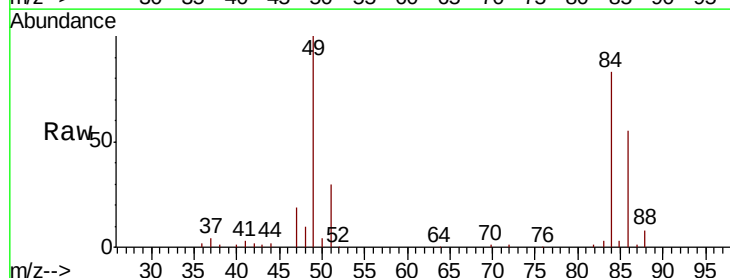
Ion Ratio Lower Upper

84 100

49 120.6 94.8 142.2

51 36.2 28.3 42.5

86 65.8 51.0 76.6

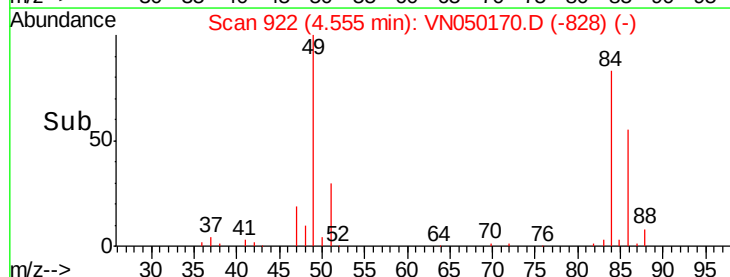
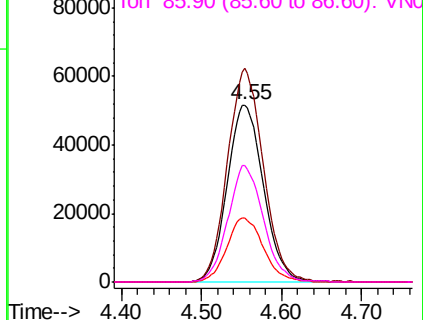


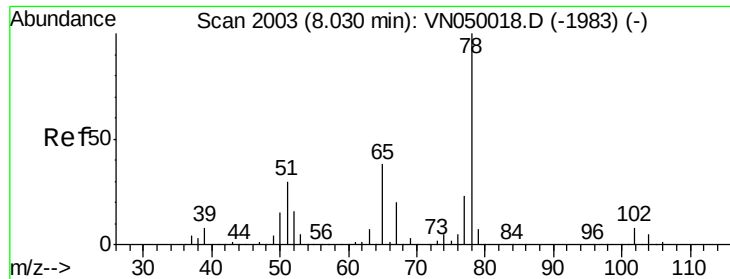
Abundance Ion 83.90 (83.60 to 84.60): VN0

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

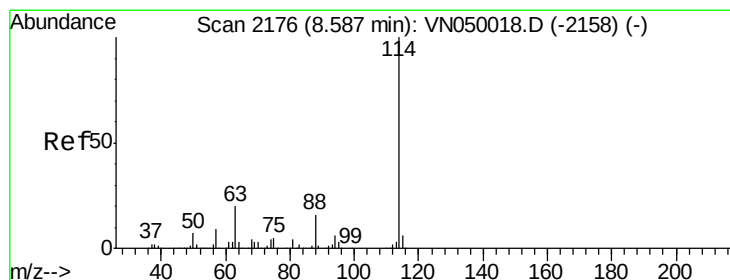
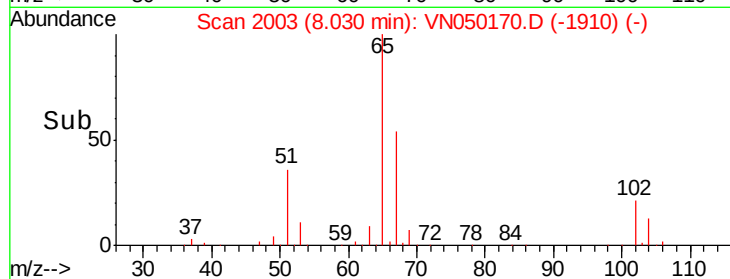
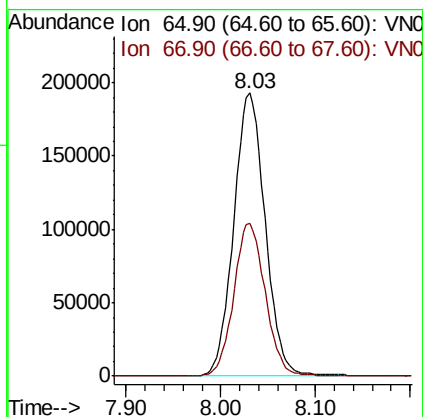
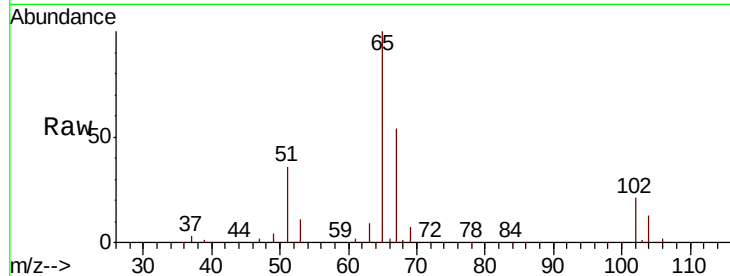




#33
 1,2-Dichloroethane-d4
 Concen: 49.780 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050170.D
 Acq: 28 Jul 2018 8:46

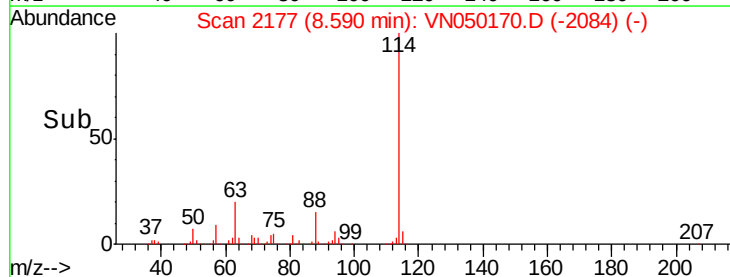
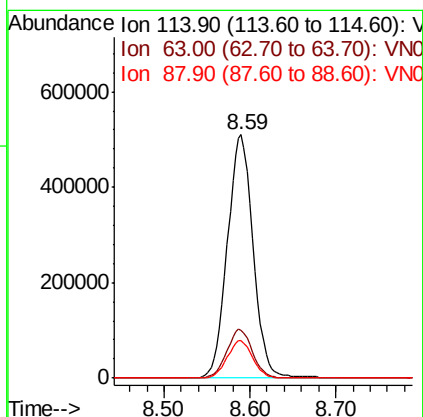
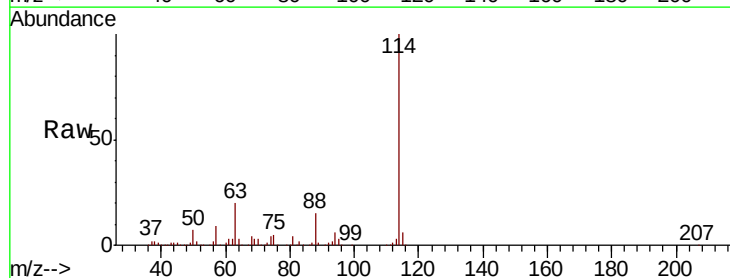
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-D

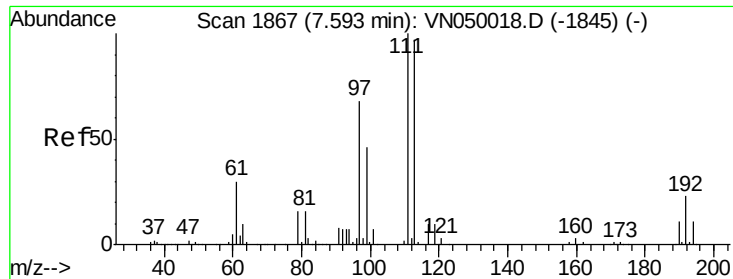
Tot Ion: 65 Resp: 446305
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050170.D
 Acq: 28 Jul 2018 8:46

Tgt Ion: 114 Resp: 1059726
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.5 0.0 31.2

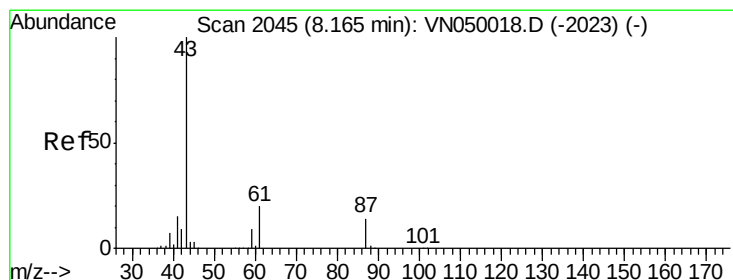
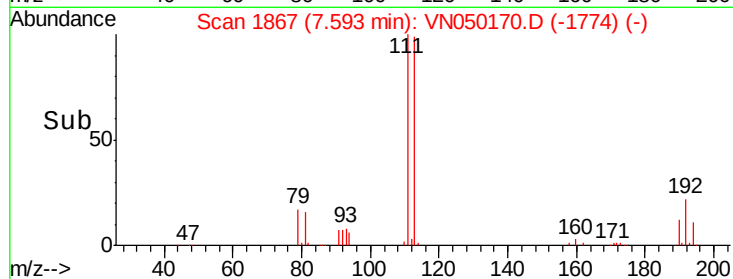
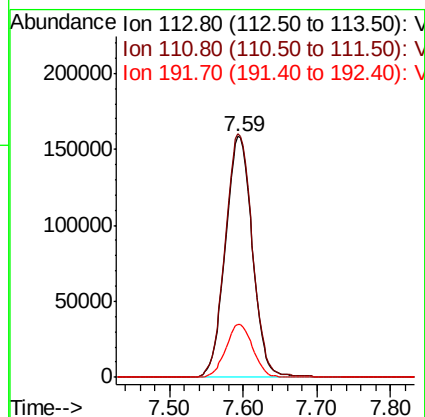
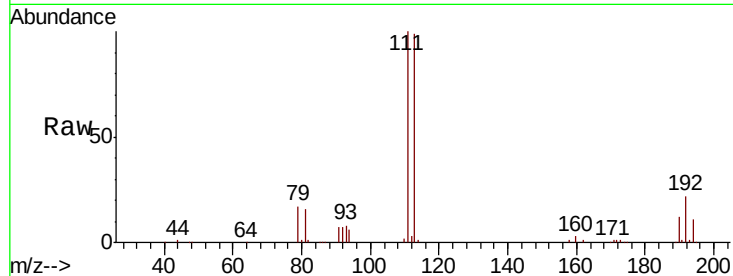




#35
 Dibromofluoromethane
 Concen: 46.530 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050170.D
 Acq: 28 Jul 2018 8:46

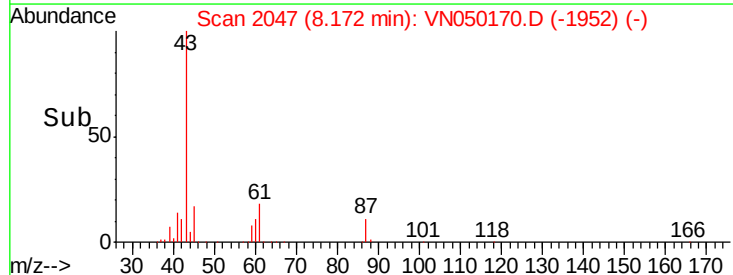
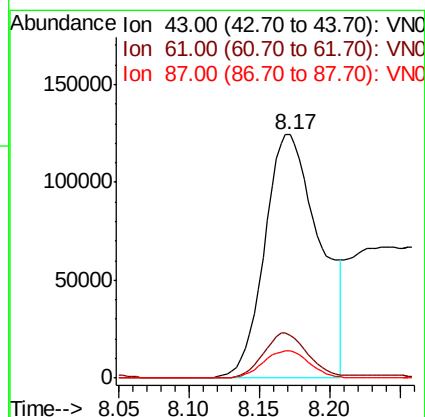
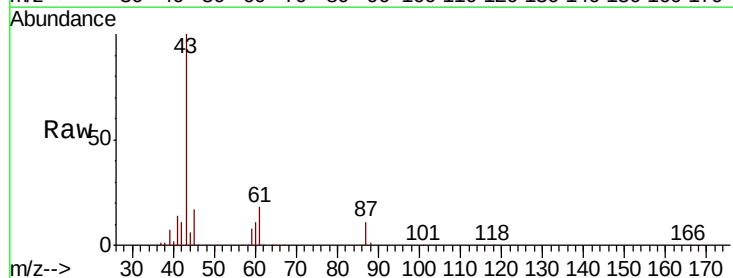
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-D

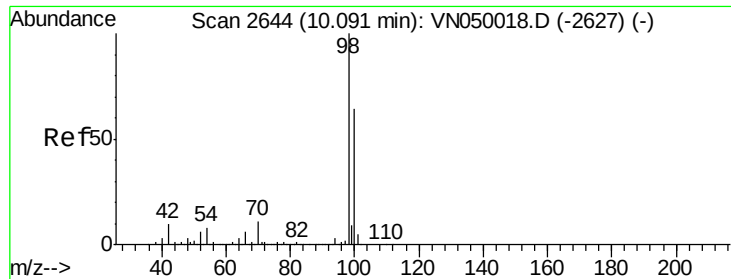
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.7	121.1
192	22.1	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 20.777 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050170.D
 Acq: 28 Jul 2018 8:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	15.8	23.6#
87	9.7	10.3	15.5#

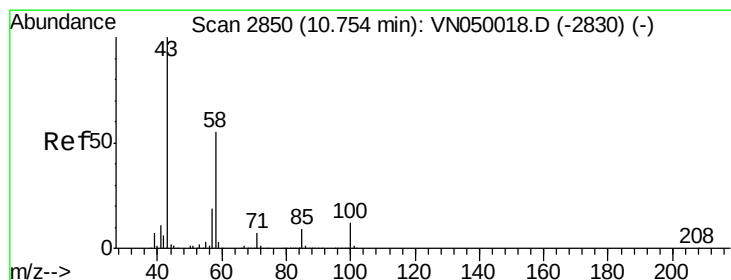
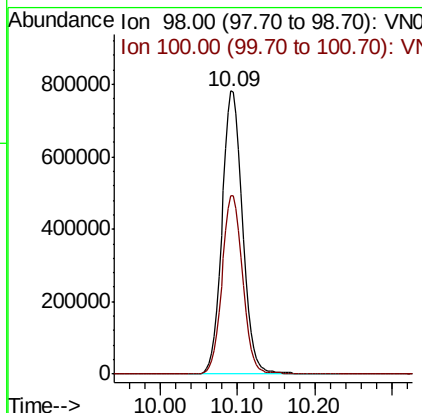
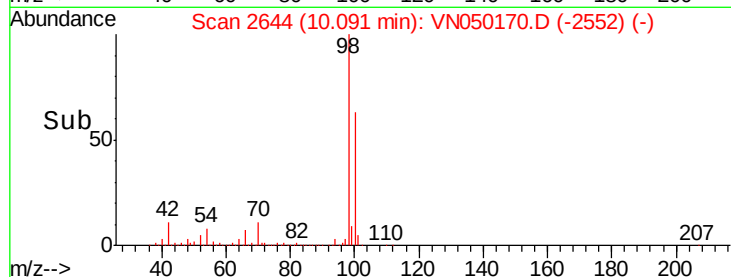
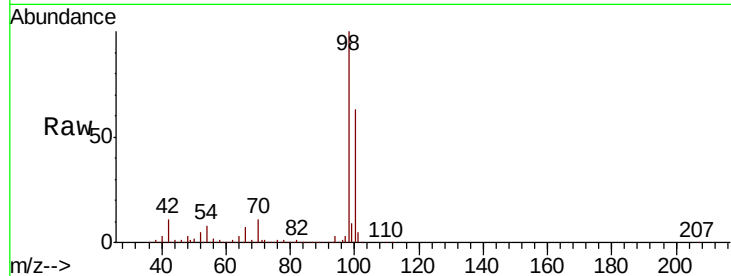




#50
Toluene-d8
Concen: 45.460 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

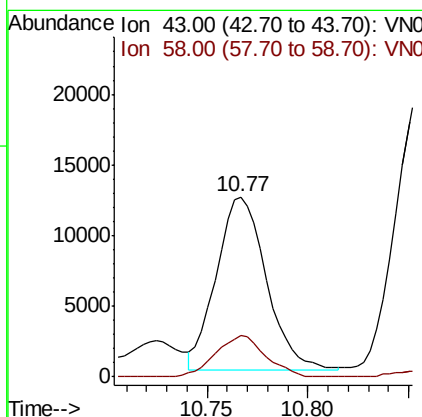
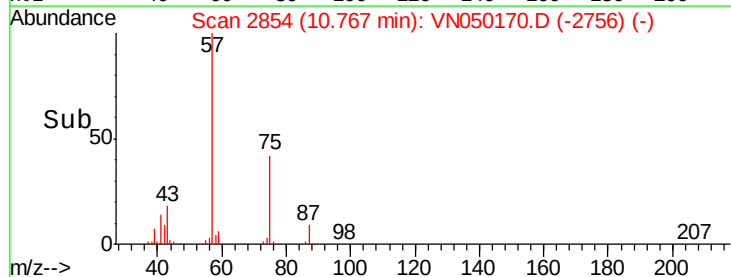
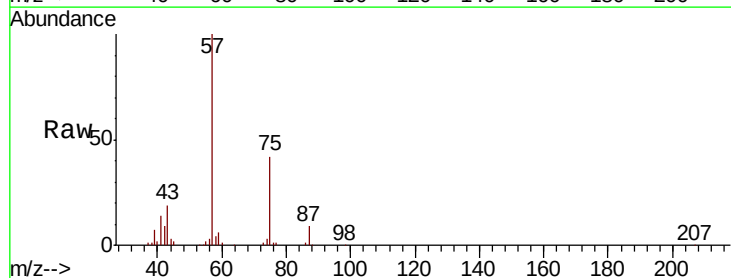
Instrument :
MSVOA_N
ClientSampleId :
TP-12-D

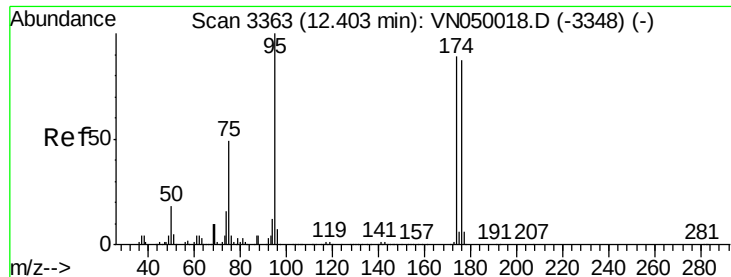
Tot Ion: 98 Resp: 1446078
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#59
2-Hexanone
Concen: 8.598 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

Tgt Ion: 43 Resp: 21023
Ion Ratio Lower Upper
43 100
58 24.0 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 40.309 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

TP-12-D

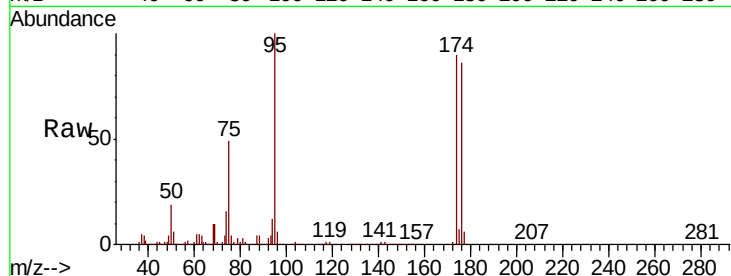
Tot Ion: 95 Resp: 422201

Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.2

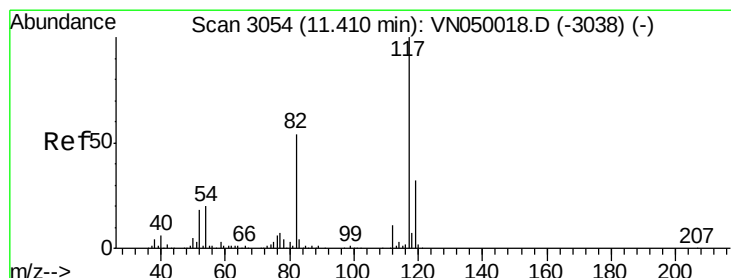
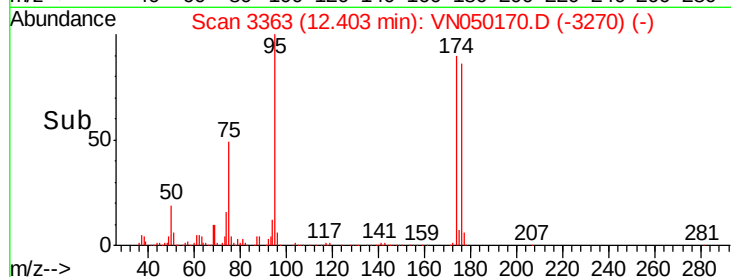
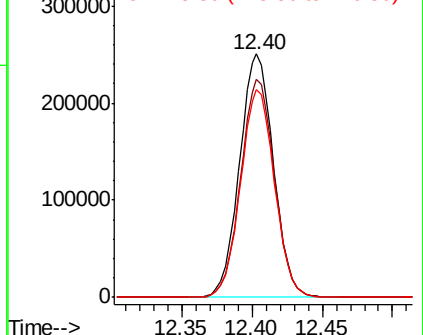
176 85.4 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

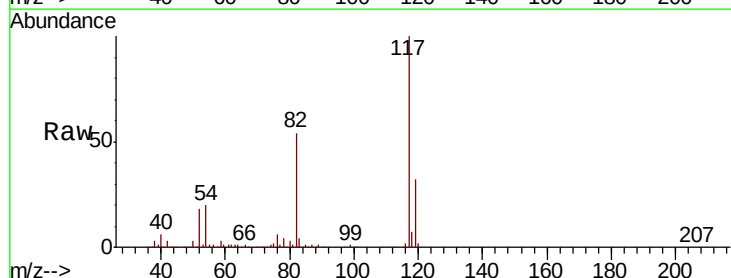
Tgt Ion: 117 Resp: 905001

Ion Ratio Lower Upper

117 100

82 54.1 43.7 65.5

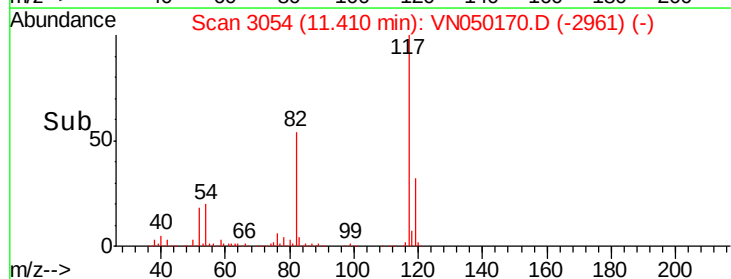
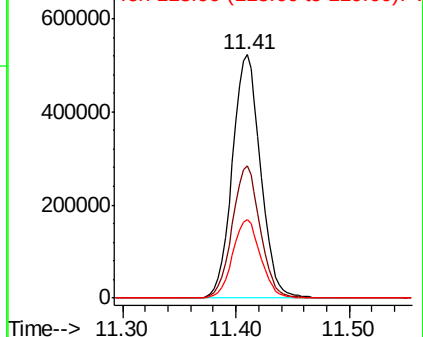
119 32.4 26.1 39.1

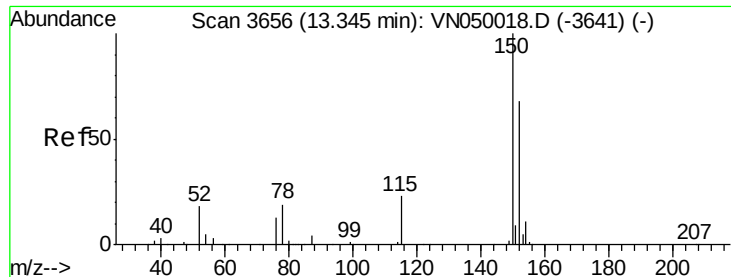


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

TP-12-D

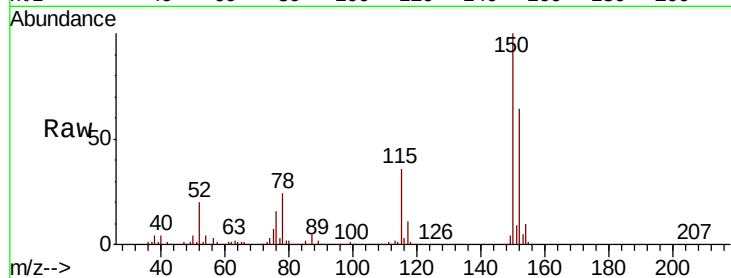
Tot Ion:152 Resp: 377441

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.3

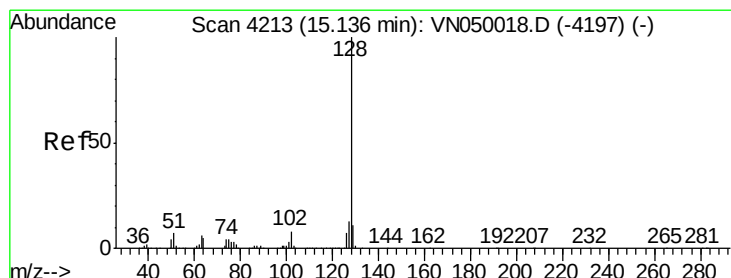
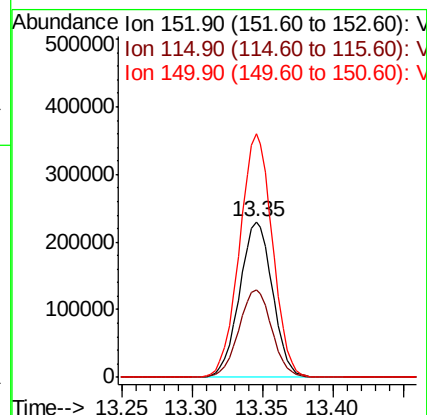
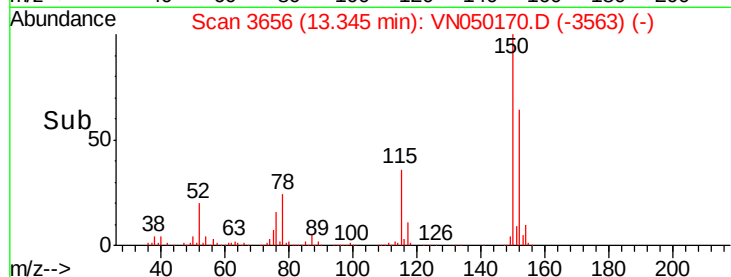
150 155.8 0.0 348.6



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: 731.338 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

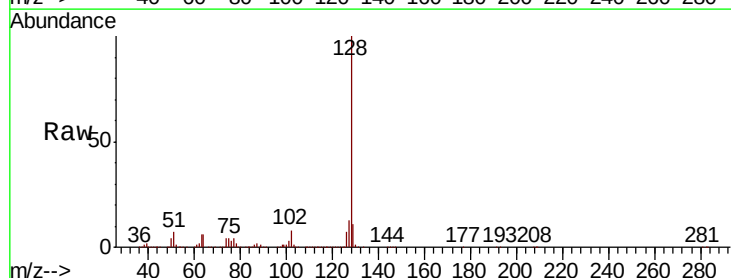
Tgt Ion:128 Resp:13743890

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 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

