

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050171.D
 Acq On : 28 Jul 2018 9:11
 Operator : MD\SY
 Sample : J4189-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-13-S

Quant Time: Jul 30 03:47:01 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

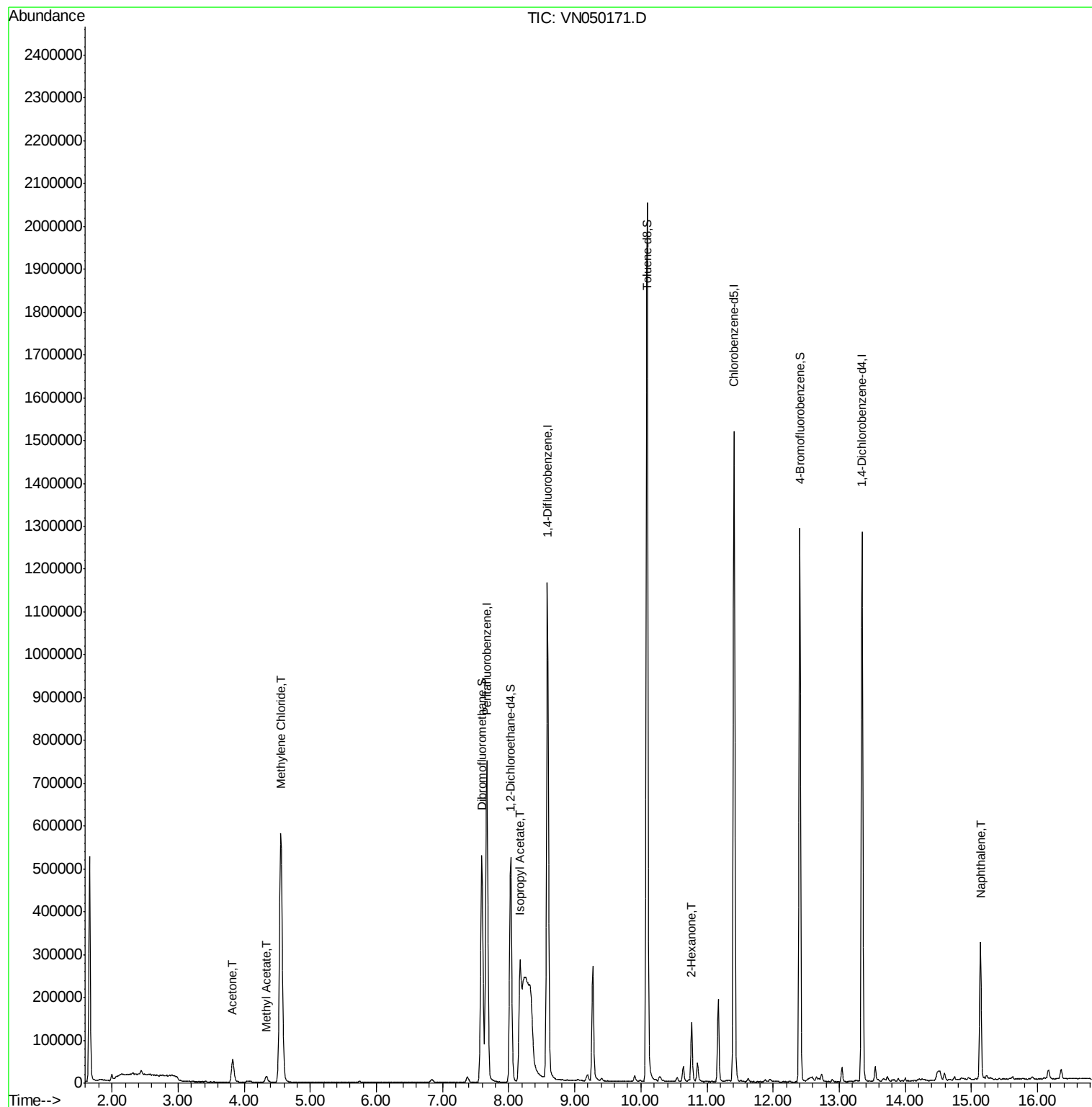
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	650265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1067199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	926784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	361108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	454001	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
35) Dibromofluoromethane	7.59	113	405907	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	10.09	98	1472320	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
62) 4-Bromofluorobenzene	12.40	95	428082	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
Target Compounds						
16) Acetone	3.82	43	93823	40.260	ug/l	97
18) Methyl Acetate	4.34	43	26915	1.663	ug/l	98
20) Methylene Chloride	4.55	84	452000	56.349	ug/l	99
43) Isopropyl Acetate	8.17	43	351054	21.575	ug/l #	89
59) 2-Hexanone	10.77	43	20031	8.414	ug/l #	57
95) Naphthalene	15.14	128	274225	19.575	ug/l	99

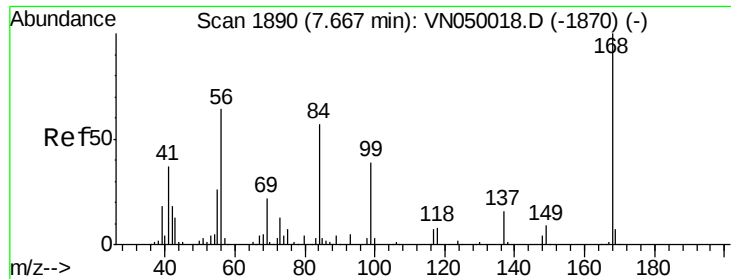
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072718\
Data File : VN050171.D
Acq On : 28 Jul 2018 9:11
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Sample : J4189-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-13-S

Quant Time: Jul 30 03:47:01 2018
Quant Method : Z:\V0ASRV\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: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampled :

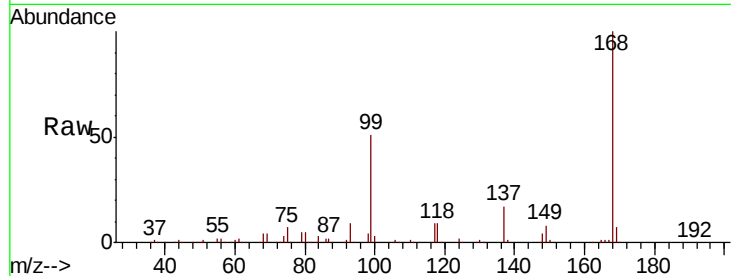
TP-13-S

Tot Ion:168 Resp: 650265

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

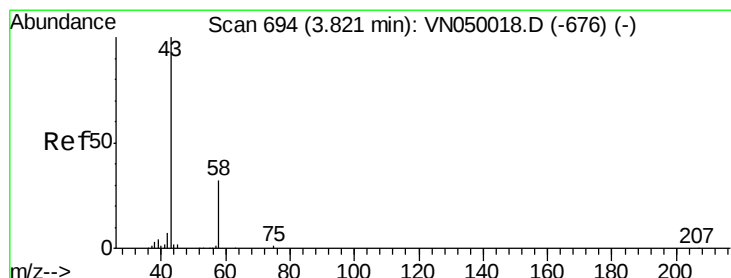
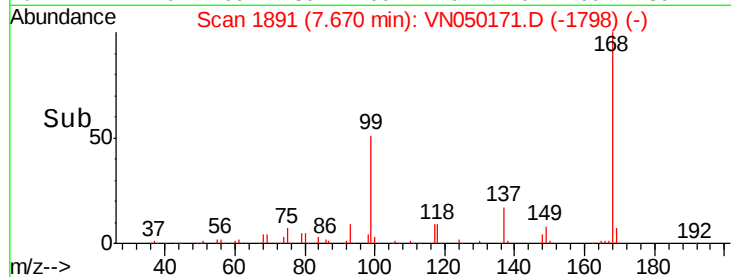
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 40.260 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050171.D

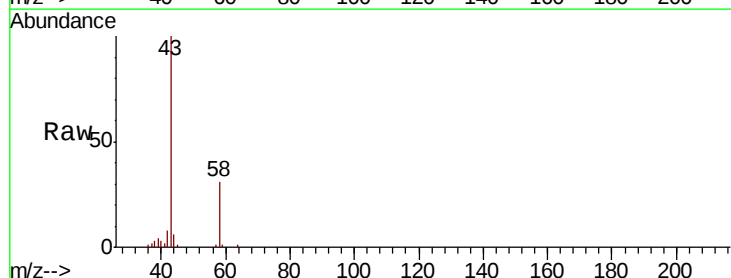
Acq: 28 Jul 2018 9:11

Tgt Ion: 43 Resp: 93823

Ion Ratio Lower Upper

43 100

58 30.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

40000

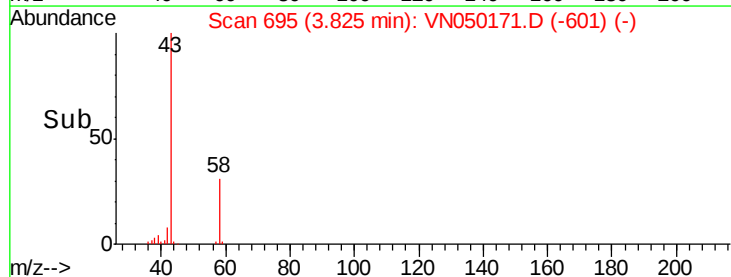
30000

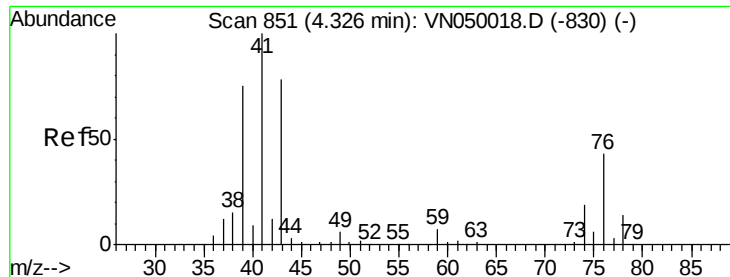
20000

10000

0

Time--> 3.70 3.80 3.90

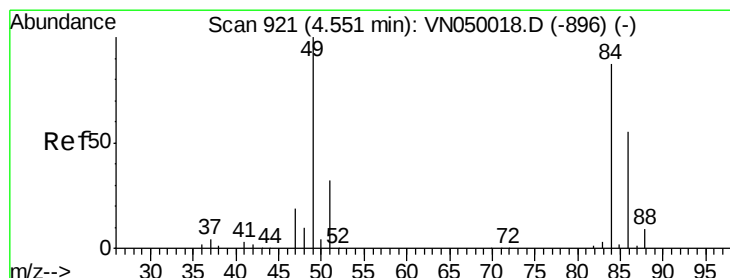
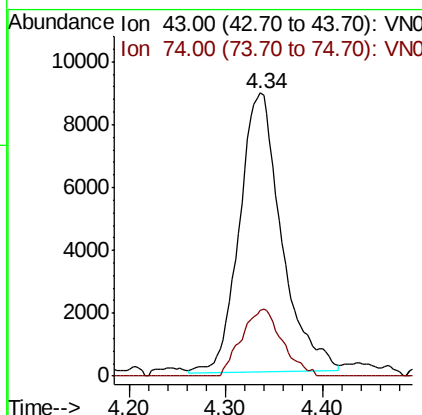
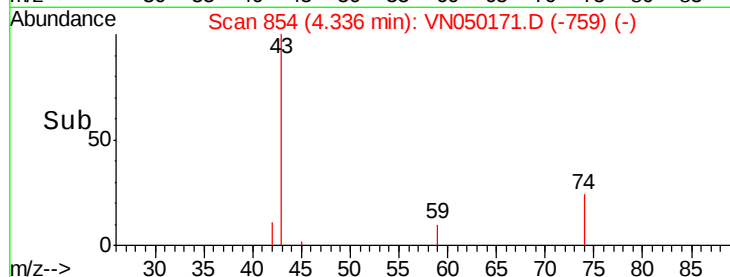
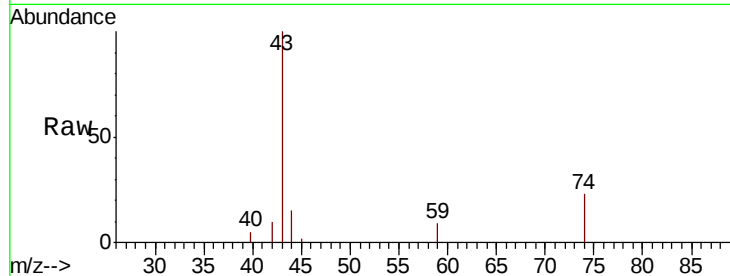




#18
Methyl Acetate
Concen: 1.663 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

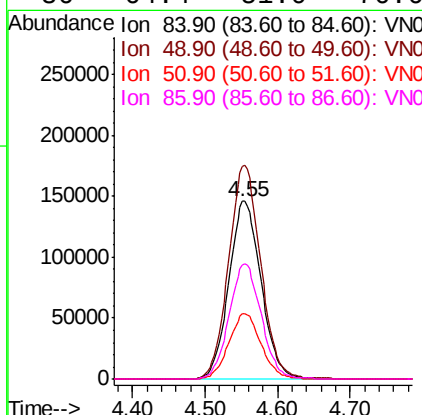
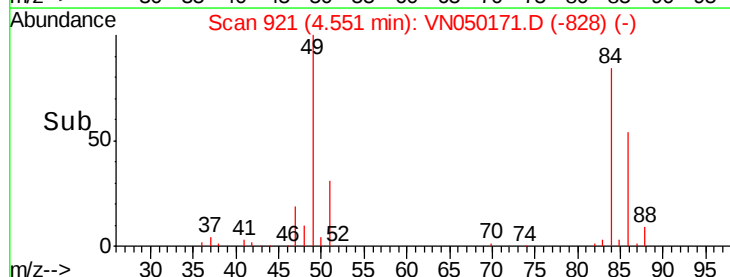
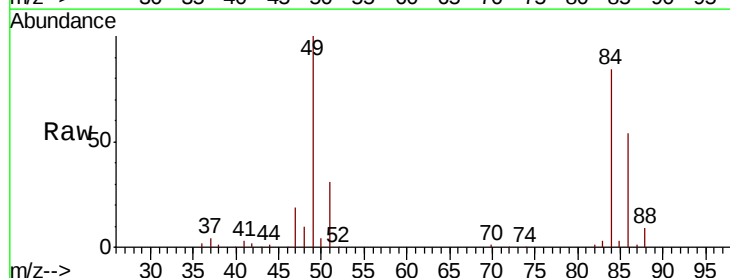
Instrument :
MSVOA_N
ClientSampleId :
TP-13-S

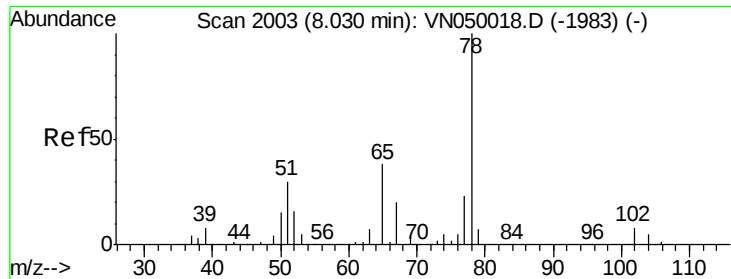
Tot Ion: 43 Resp: 26915
Ion Ratio Lower Upper
43 100
74 23.2 19.2 28.8



#20
Methylene Chloride
Concen: 56.349 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

Tgt Ion: 84 Resp: 452000
Ion Ratio Lower Upper
84 100
49 119.5 94.8 142.2
51 36.8 28.3 42.5
86 64.4 51.0 76.6

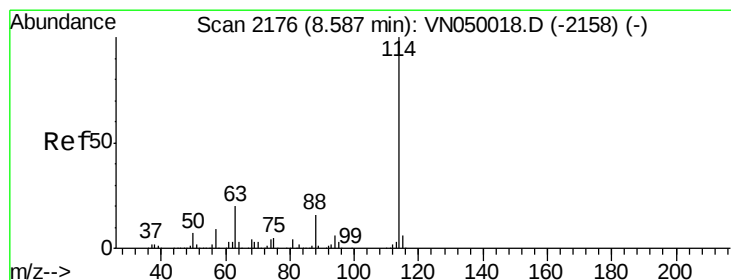
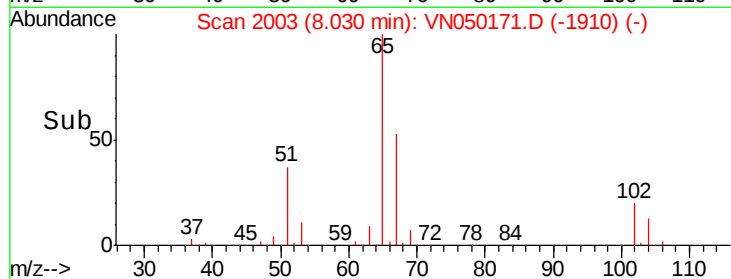
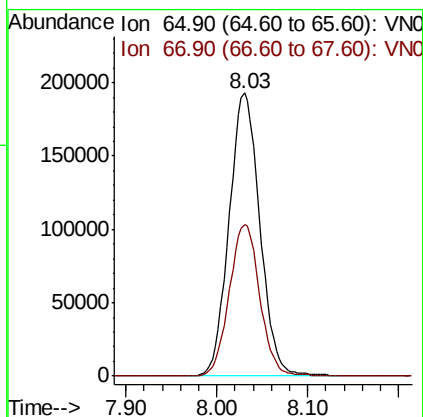
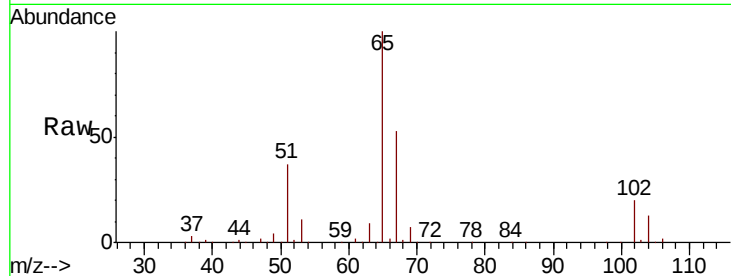




#33
 1,2-Dichloroethane-d4
 Concen: 50.040 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050171.D
 Acq: 28 Jul 2018 9:11

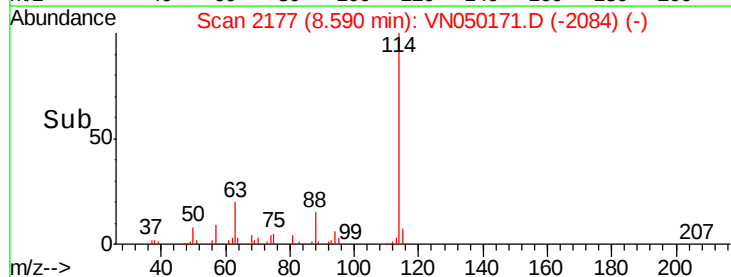
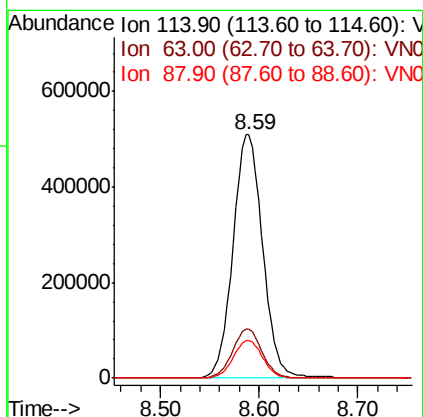
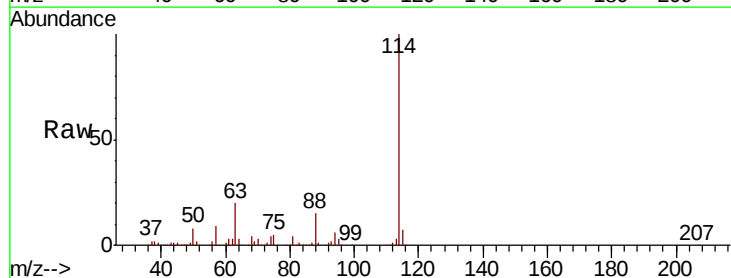
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-13-S

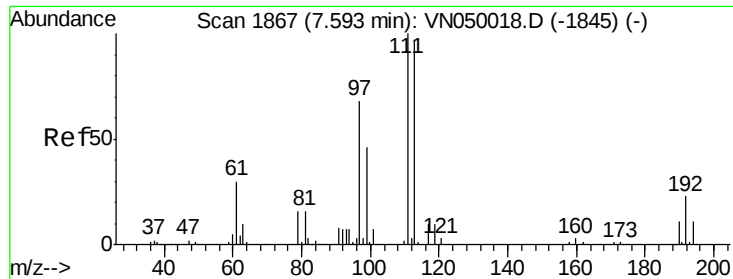
Tot Ion: 65 Resp: 454001
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050171.D
 Acq: 28 Jul 2018 9:11

Tgt Ion: 114 Resp: 1067199
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.4 0.0 31.2

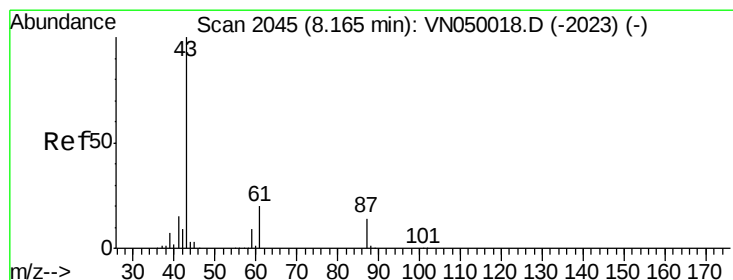
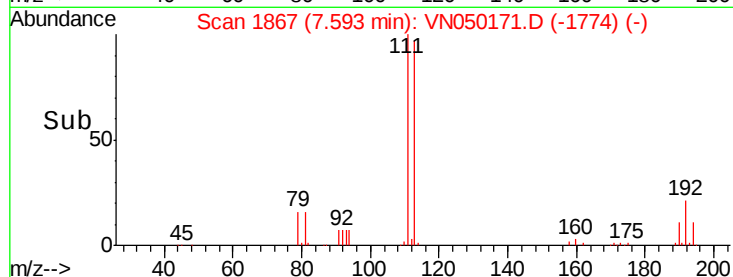
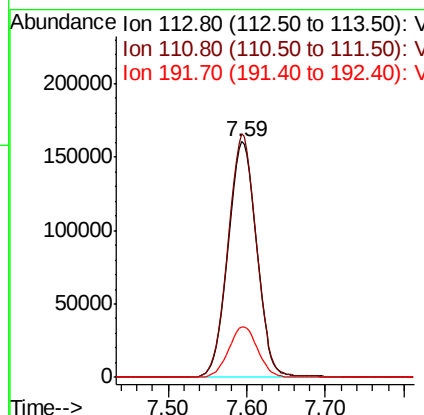
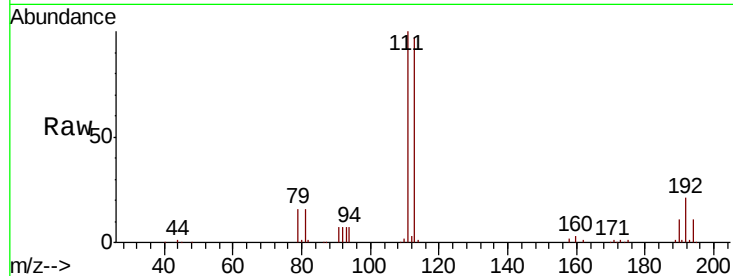




#35
Dibromofluoromethane
Concen: 46.584 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

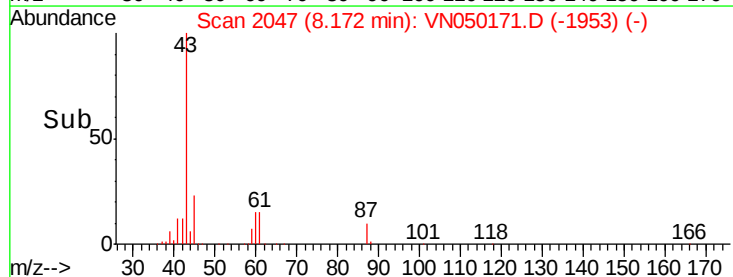
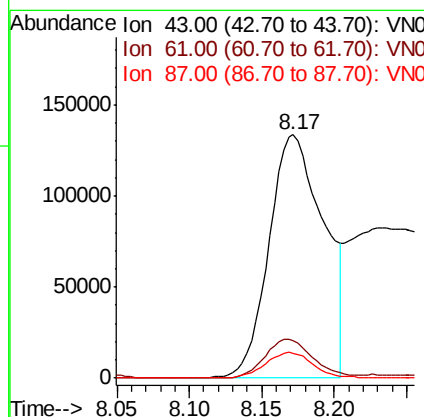
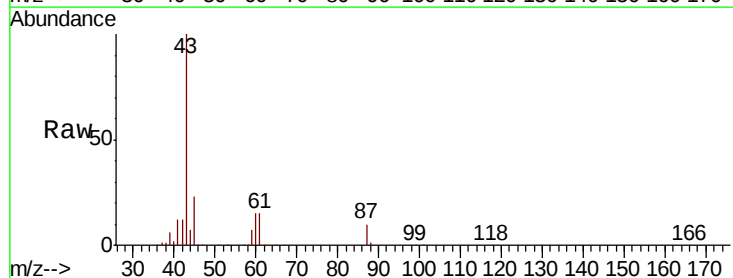
Instrument :
MSVOA_N
ClientSampled :
TP-13-S

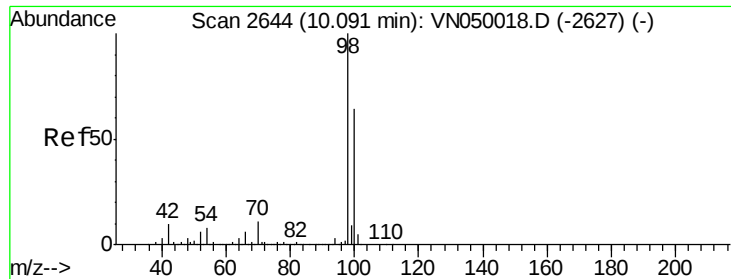
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.7	121.1
192	21.7	17.8	26.6



#43
Isopropyl Acetate
Concen: 21.575 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	15.8	23.6#
87	9.1	10.3	15.5#





#50

Toluene-d8

Concen: 45.961 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampleId :

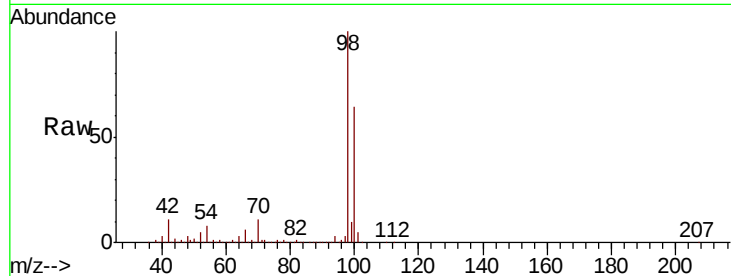
TP-13-S

Tot Ion: 98 Resp: 1472320

Ion Ratio Lower Upper

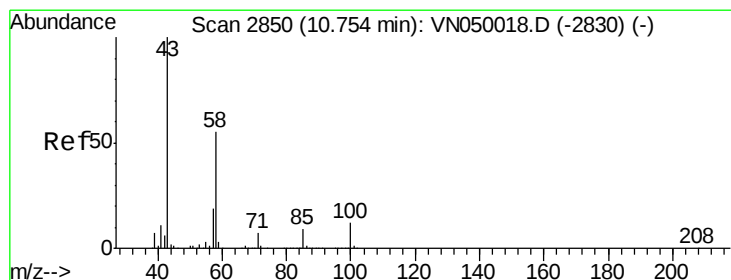
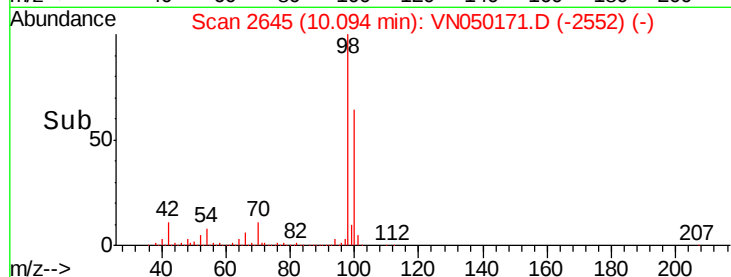
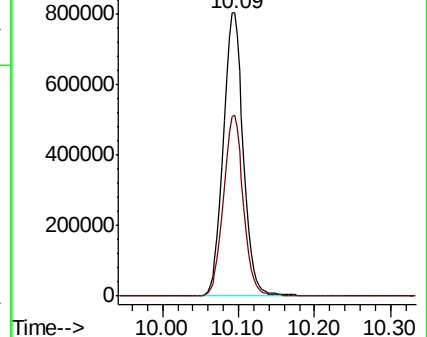
98 100

100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#59

2-Hexanone

Concen: 8.414 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050171.D

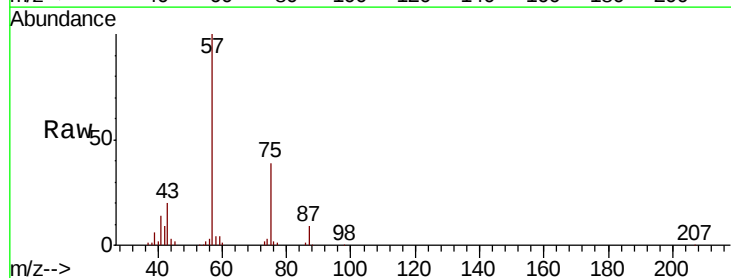
Acq: 28 Jul 2018 9:11

Tgt Ion: 43 Resp: 20031

Ion Ratio Lower Upper

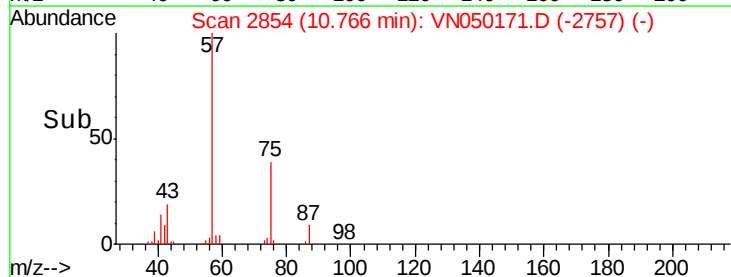
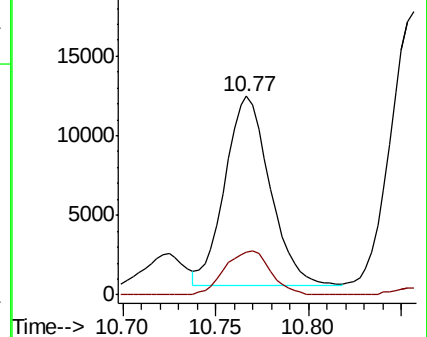
43 100

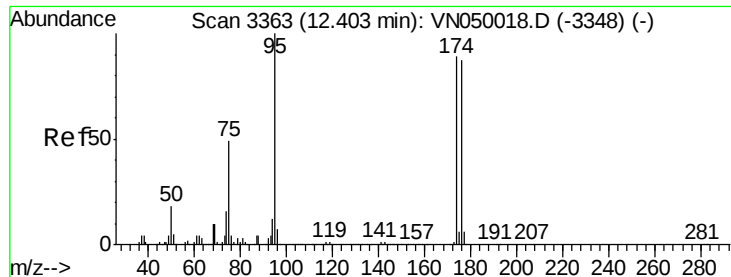
58 23.6 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

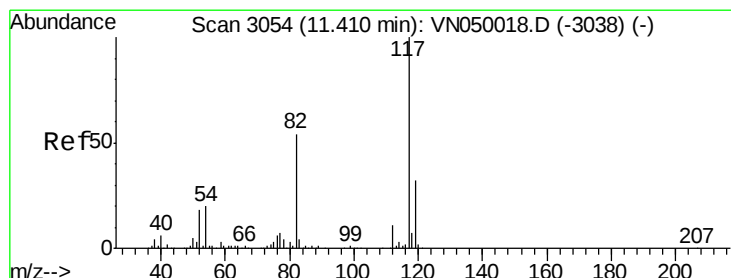
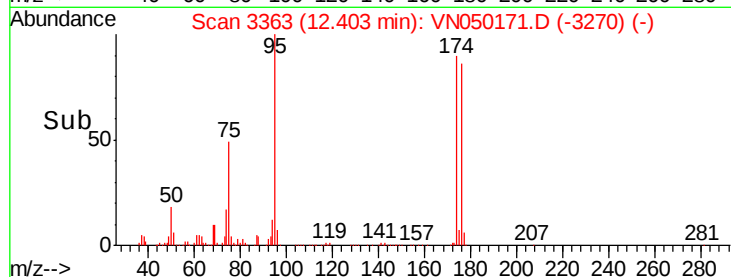
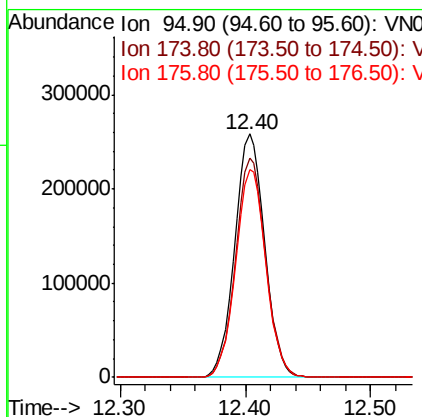
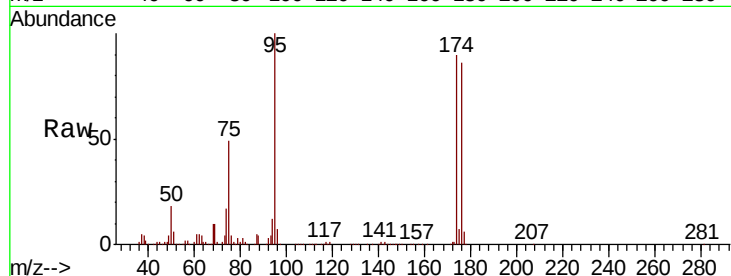




#62
4-Bromofluorobenzene
Concen: 40.584 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

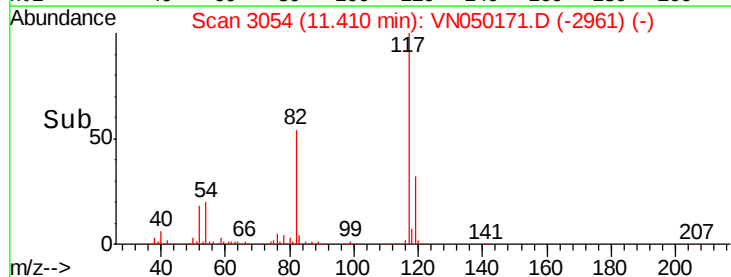
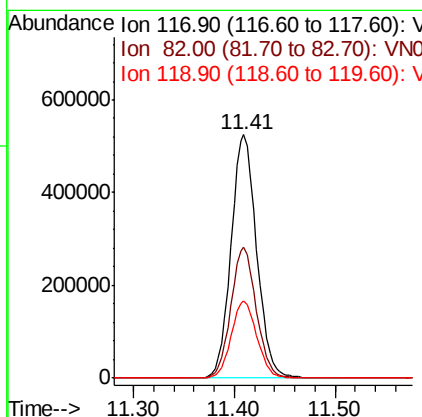
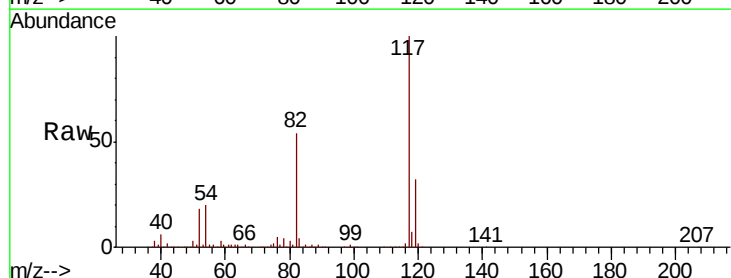
Instrument :
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ClientSampleId :
TP-13-S

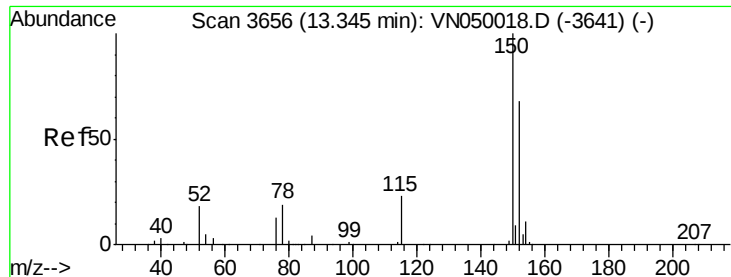
Tot Ion: 95 Resp: 428082
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 86.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

Tgt Ion: 117 Resp: 926784
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 31.8 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampleId :

TP-13-S

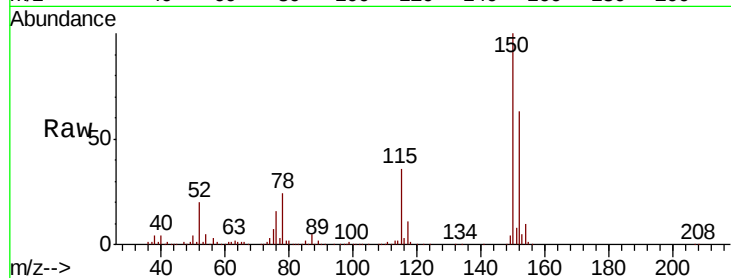
Tot Ion:152 Resp: 361108

Ion Ratio Lower Upper

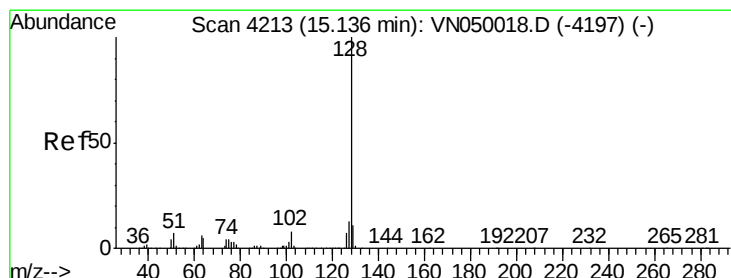
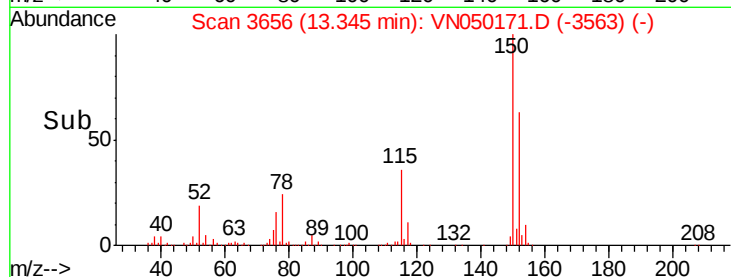
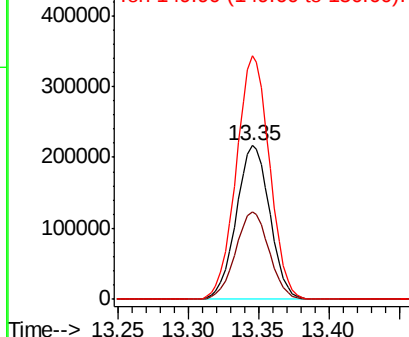
152 100

115 56.9 27.8 83.3

150 157.3 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: 19.575 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

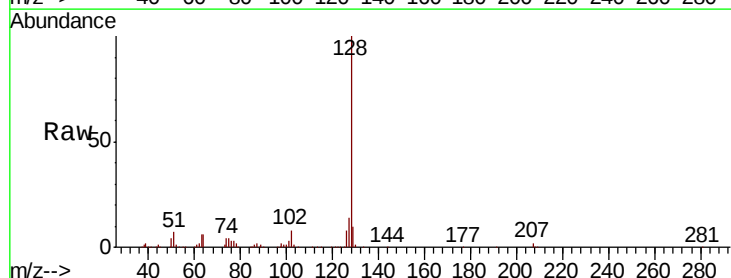
Tgt Ion:128 Resp: 274225

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 10.6 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

