

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050066.D
 Acq On : 26 Jul 2018 1:08
 Operator : MD\SY
 Sample : J3821-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-072418-A

Quant Time: Jul 26 07:51:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1046110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	877685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	332143	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	448525	51.12	ug/l	0.00
Spiked Amount						
			Recovery	=	102.24%	
35) Dibromofluoromethane	7.59	113	396362	46.41	ug/l	0.00
Spiked Amount						
			Recovery	=	92.82%	
50) Toluene-d8	10.09	98	1420654	45.24	ug/l	0.00
Spiked Amount						
			Recovery	=	90.48%	
62) 4-Bromofluorobenzene	12.40	95	386929	37.42	ug/l	0.00
Spiked Amount						
			Recovery	=	74.84%	

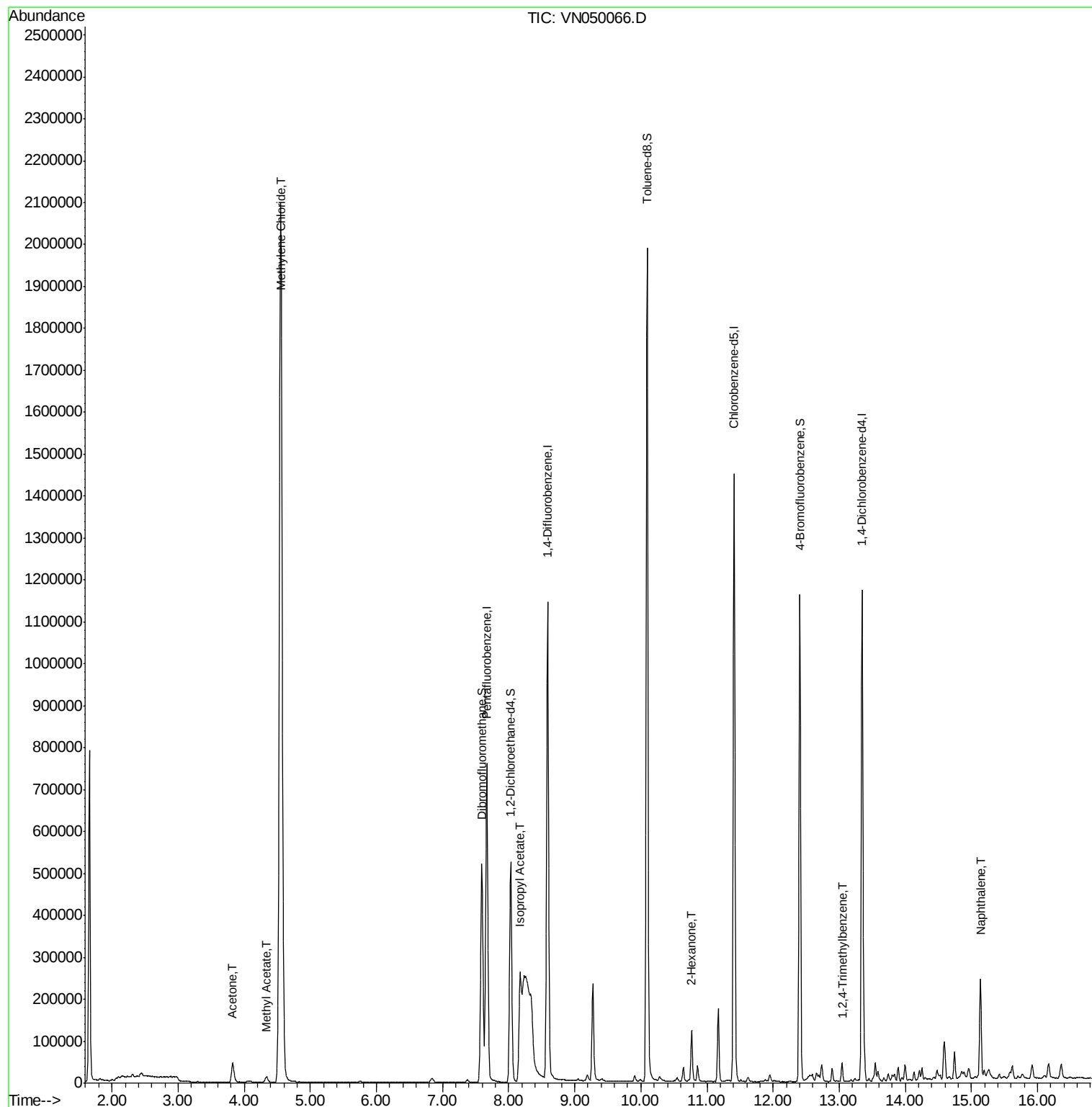
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	77761	33.87	ug/l	99
18) Methyl Acetate	4.34	43	25830	1.64	ug/l	98
20) Methylene Chloride	4.55	84	1637293	214.61	ug/l	99
43) Isopropyl Acetate	8.17	43	308456	19.22	ug/l #	91
59) 2-Hexanone	10.77	43	18148	8.17	ug/l #	52
84) 1,2,4-Trimethylbenzene	13.04	105	24532	1.20	ug/l	100
95) Naphthalene	15.14	128	208081	16.92	ug/l	99

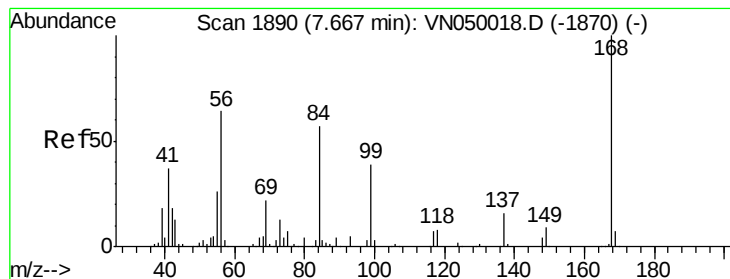
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

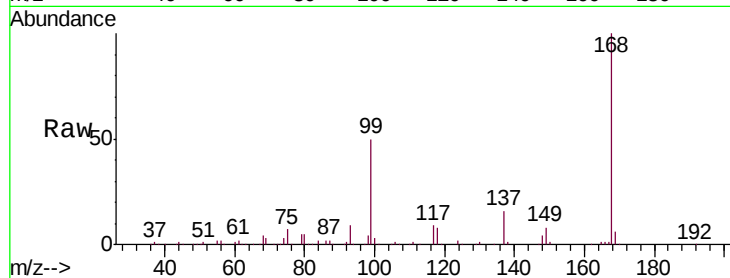
HR-06-072418-A

Tot Ion:168 Resp: 628818

Ion Ratio Lower Upper

168 100

99 49.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

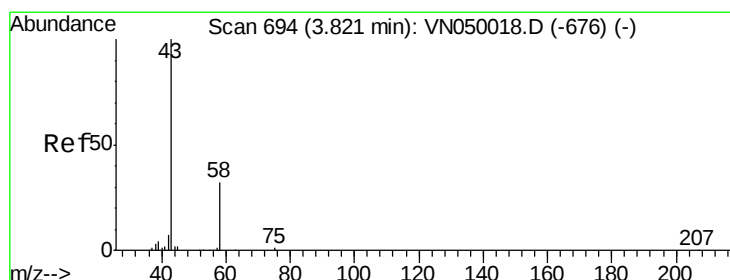
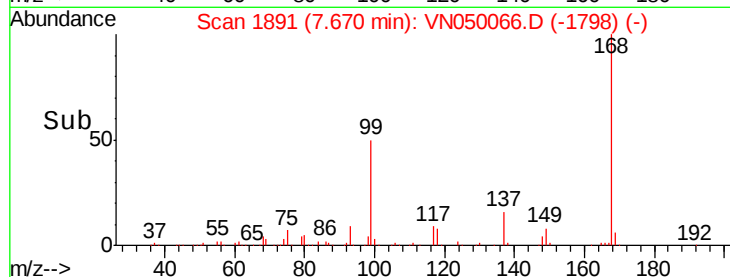
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 33.87 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050066.D

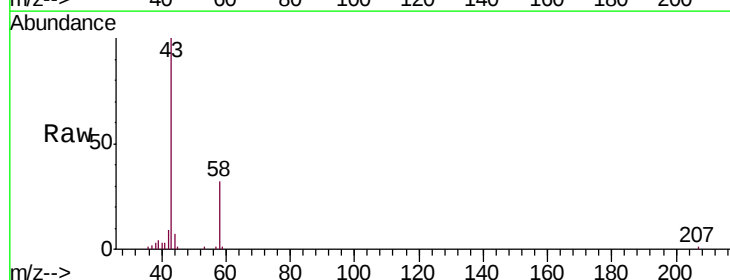
Acq: 26 Jul 2018 1:08

Tgt Ion: 43 Resp: 77761

Ion Ratio Lower Upper

43 100

58 31.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

30000

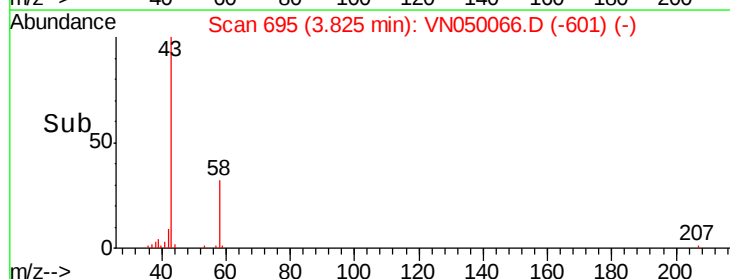
20000

10000

0

3.70 3.80 3.90

Time-->





#18

Methyl Acetate

Concen: 1.64 ug/l

RT: 4.34 min Scan# 855

Delta R.T. 0.01 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

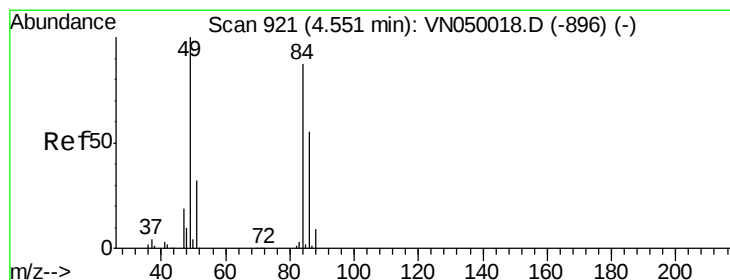
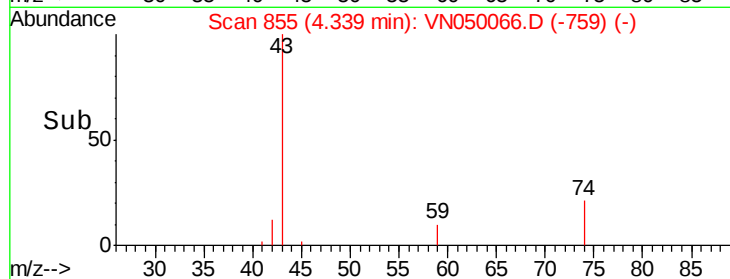
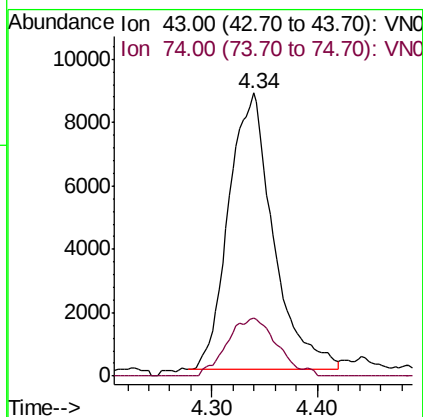
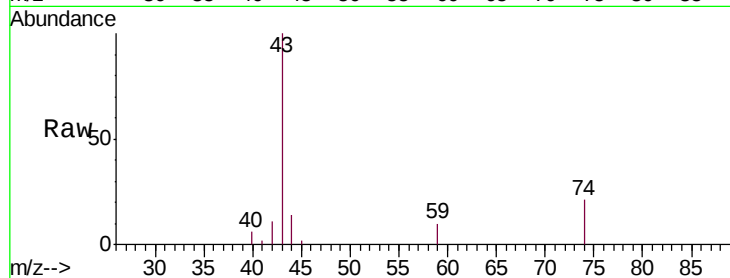
HR-06-072418-A

Tot Ion: 43 Resp: 25830

Ion Ratio Lower Upper

43 100

74 22.9 19.2 28.8



#20

Methylene Chloride

Concen: 214.61 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Tgt Ion: 84 Resp: 1637293

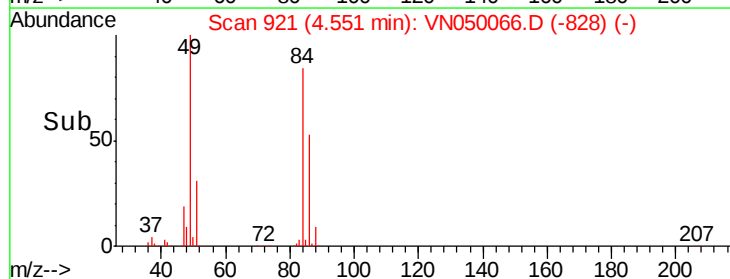
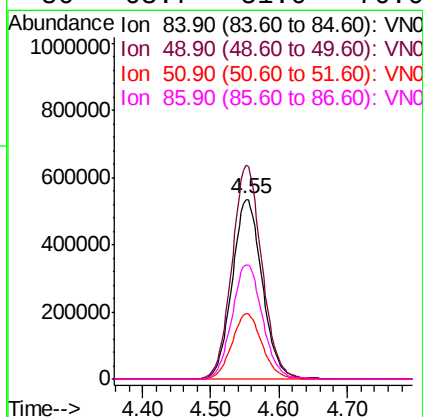
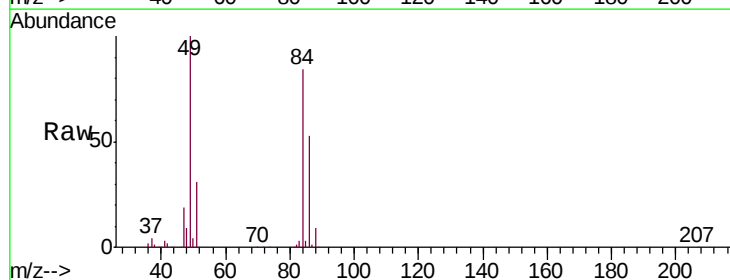
Ion Ratio Lower Upper

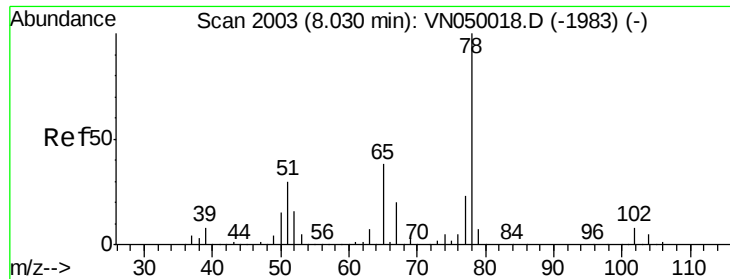
84 100

49 119.0 94.8 142.2

51 36.4 28.3 42.5

86 63.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 51.12 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

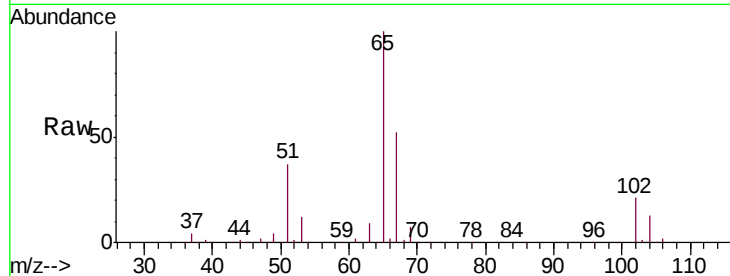
HR-06-072418-A

Tot Ion: 65 Resp: 448525

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

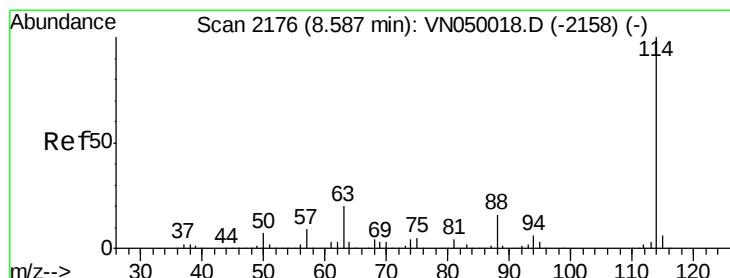
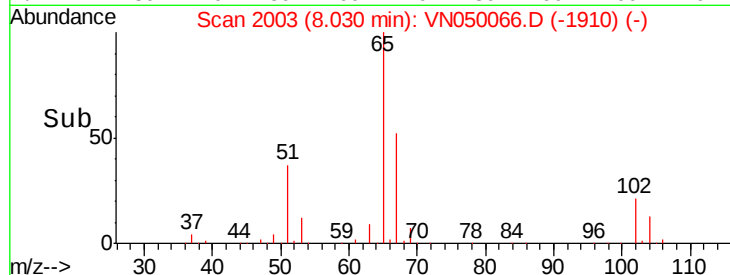
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

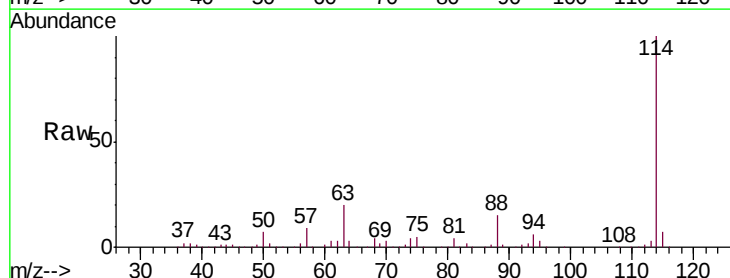
Tgt Ion: 114 Resp: 1046110

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 14.8 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050018.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050018.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050018.D (-2158) (-)

8.59

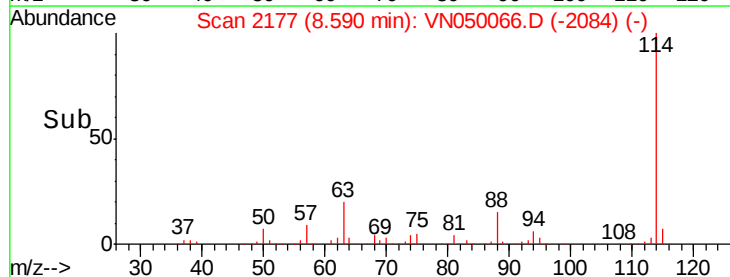
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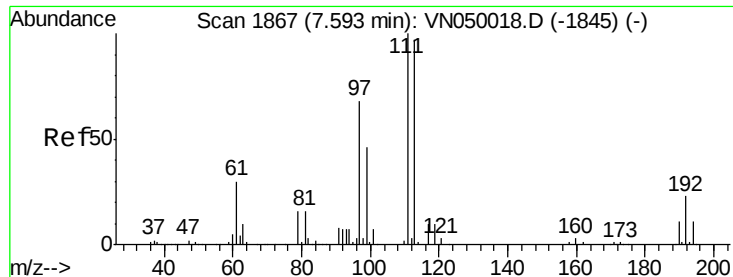
400000

200000

0

Time-->

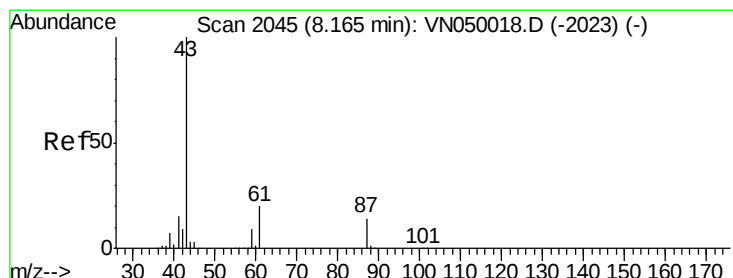
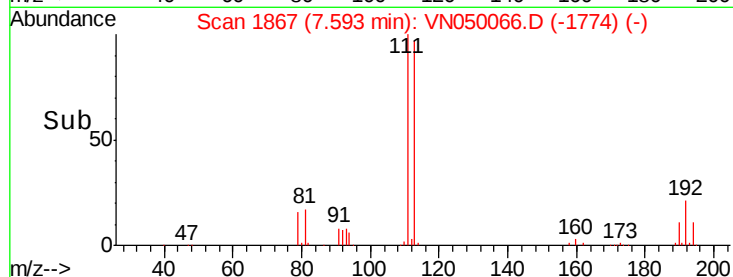
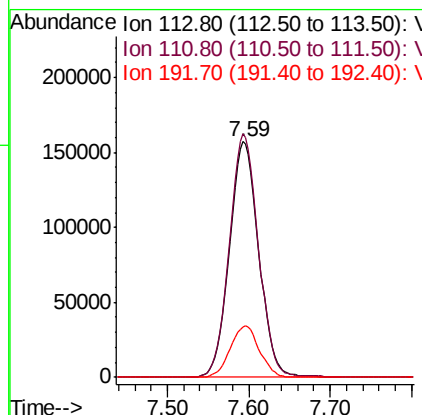
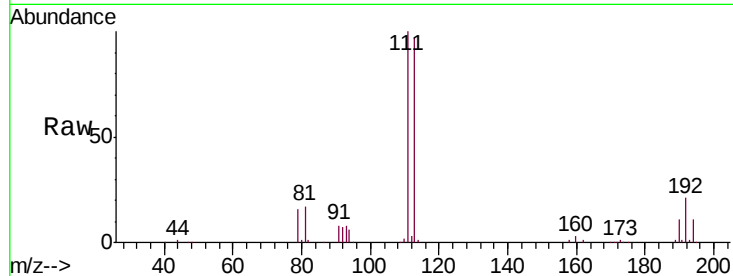




#35
 Dibromofluoromethane
 Concen: 46.41 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050066.D
 Acq: 26 Jul 2018 1:08

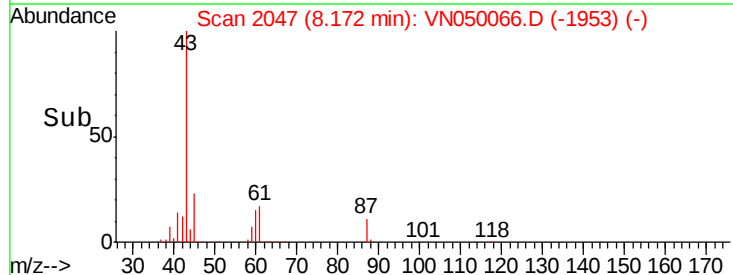
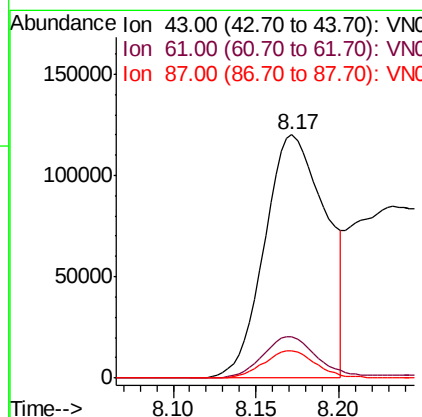
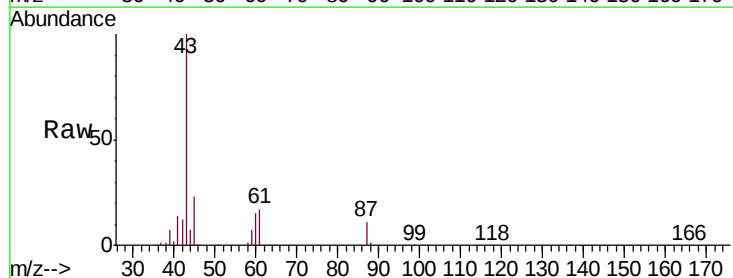
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-072418-A

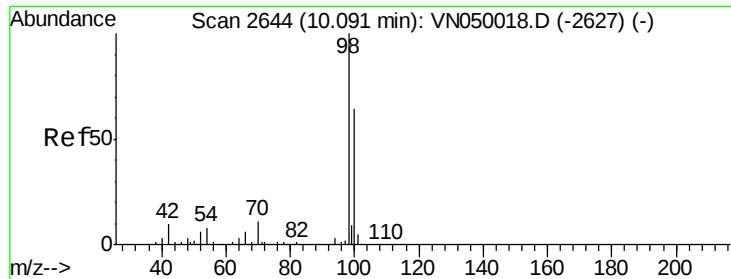
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.7	121.1
192	21.8	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 19.22 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050066.D
 Acq: 26 Jul 2018 1:08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.5	15.8	23.6#
87	9.6	10.3	15.5#

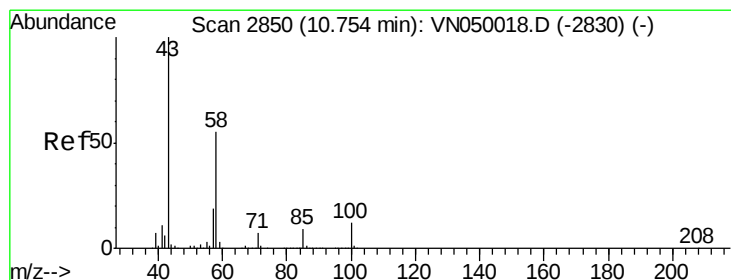
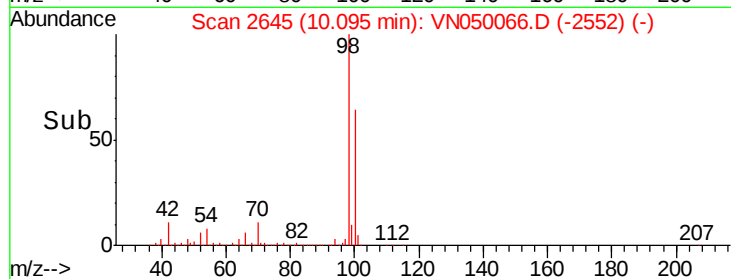
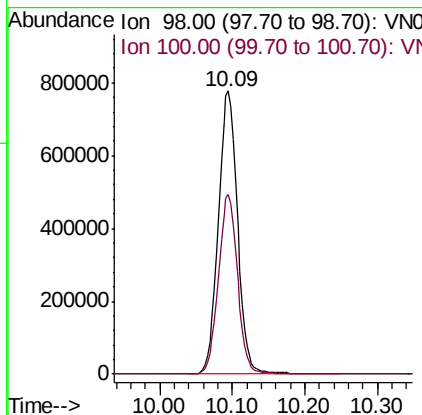
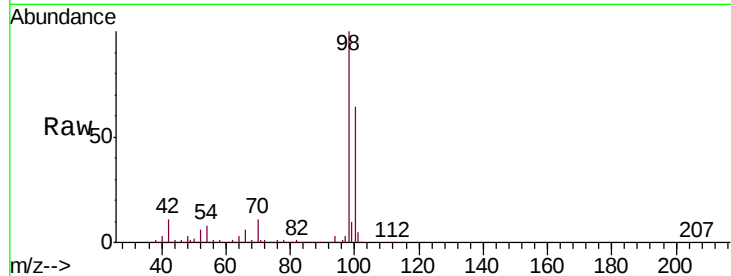




#50
Toluene-d8
Concen: 45.24 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

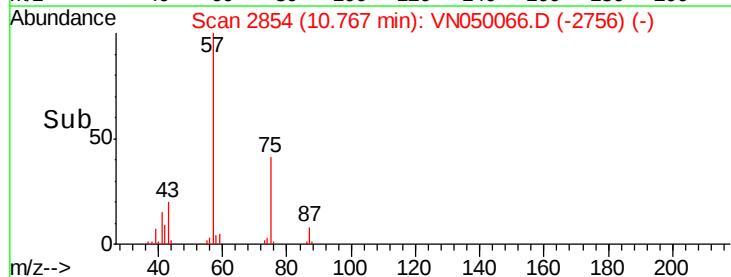
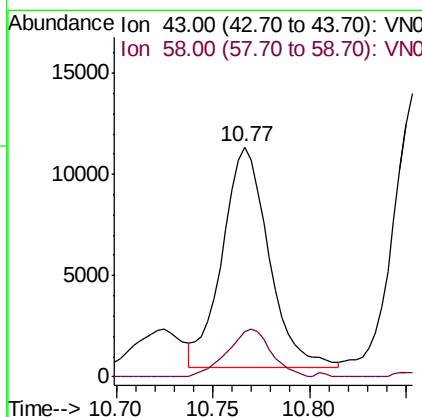
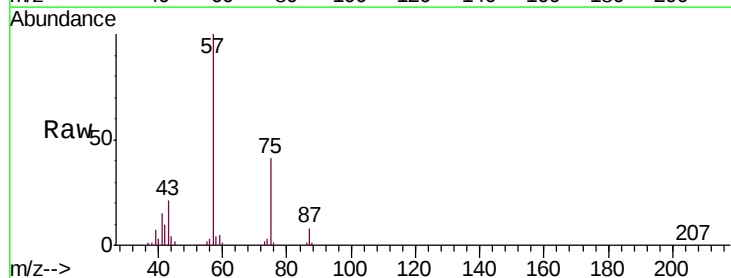
Instrument :
MSVOA_N
ClientSampleId :
HR-06-072418-A

Tot Ion: 98 Resp: 1420654
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#59
2-Hexanone
Concen: 8.17 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

Tgt Ion: 43 Resp: 18148
Ion Ratio Lower Upper
43 100
58 20.4 27.6 82.7#

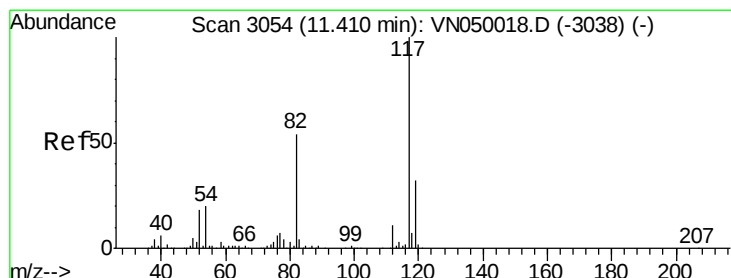
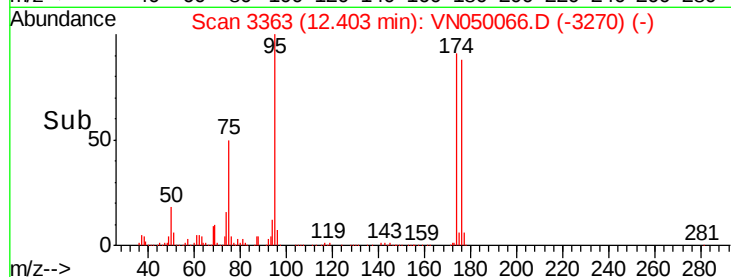
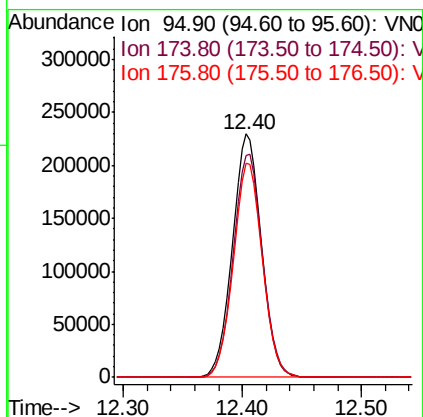
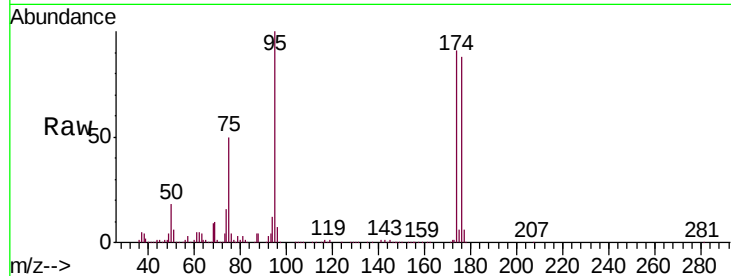




#62
4-Bromofluorobenzene
Concen: 37.42 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

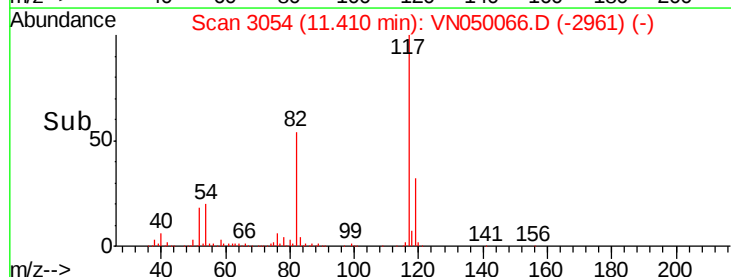
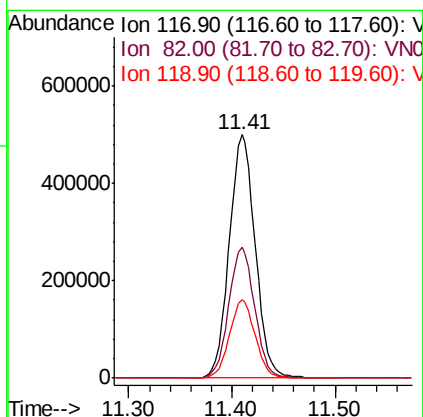
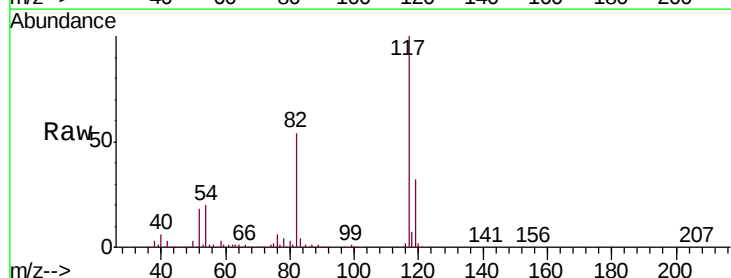
Instrument :
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ClientSampleId :
HR-06-072418-A

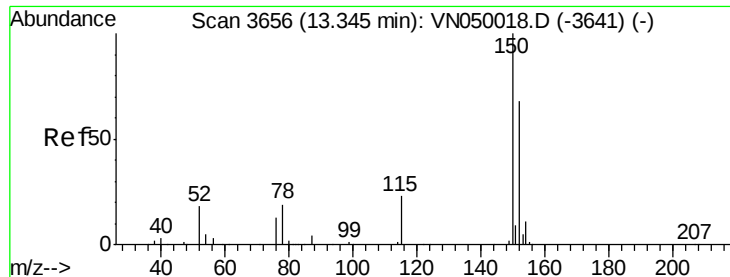
Tot Ion: 95 Resp: 386929
Ion Ratio Lower Upper
95 100
174 92.4 0.0 178.2
176 88.1 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

Tgt Ion: 117 Resp: 877685
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.2 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-A

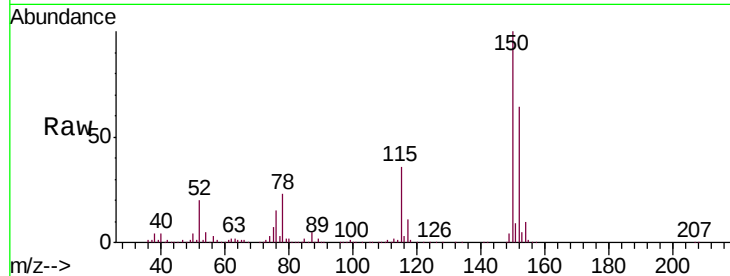
Tot Ion:152 Resp: 332143

Ion Ratio Lower Upper

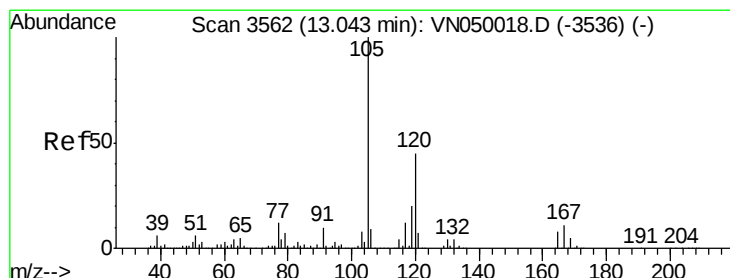
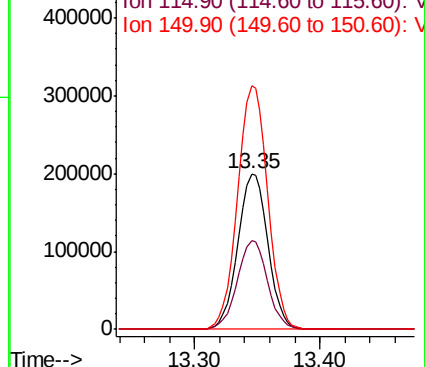
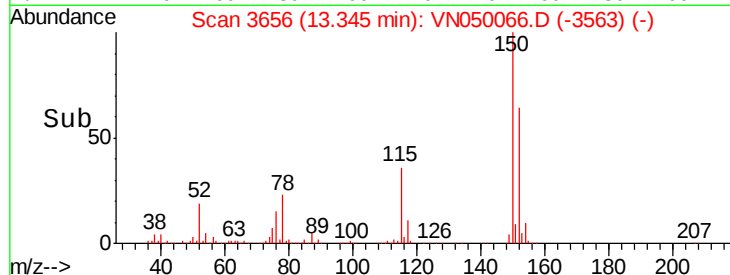
152 100

115 57.5 27.8 83.3

150 156.7 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



#84

1,2,4-Trimethylbenzene

Concen: 1.20 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050066.D

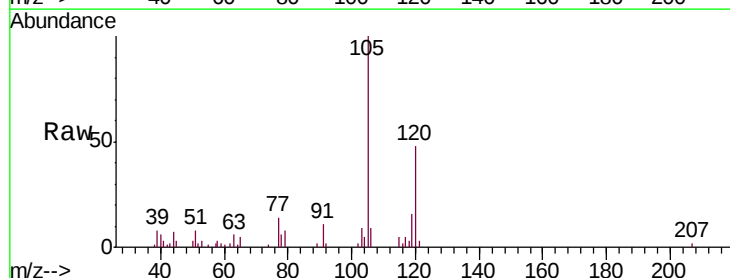
Acq: 26 Jul 2018 1:08

Tgt Ion:105 Resp: 24532

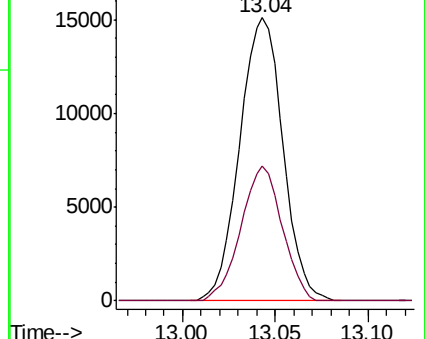
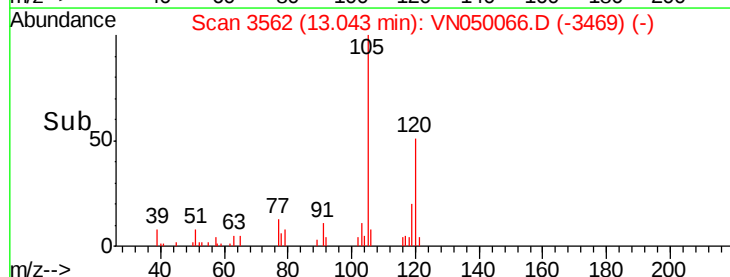
Ion Ratio Lower Upper

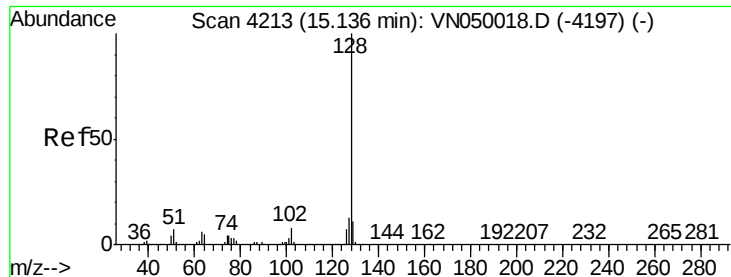
105 100

120 45.5 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

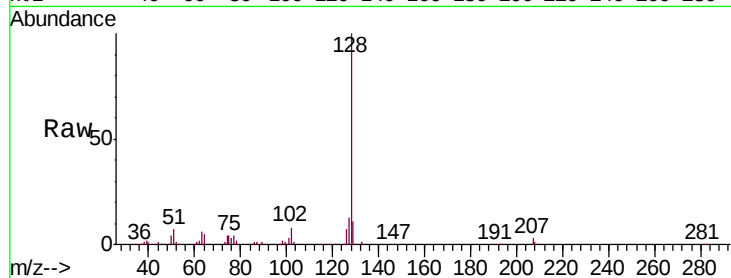




#95
Naphthalene
Concen: 16.92 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

Instrument :
MSVOA_N
ClientSampleId :
HR-06-072418-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.0	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

