

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050930.D
 Acq On : 28 Aug 2018 22:21
 Operator : MD\SY
 Sample : J4277-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-082718-A

Quant Time: Aug 29 07:25:19 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

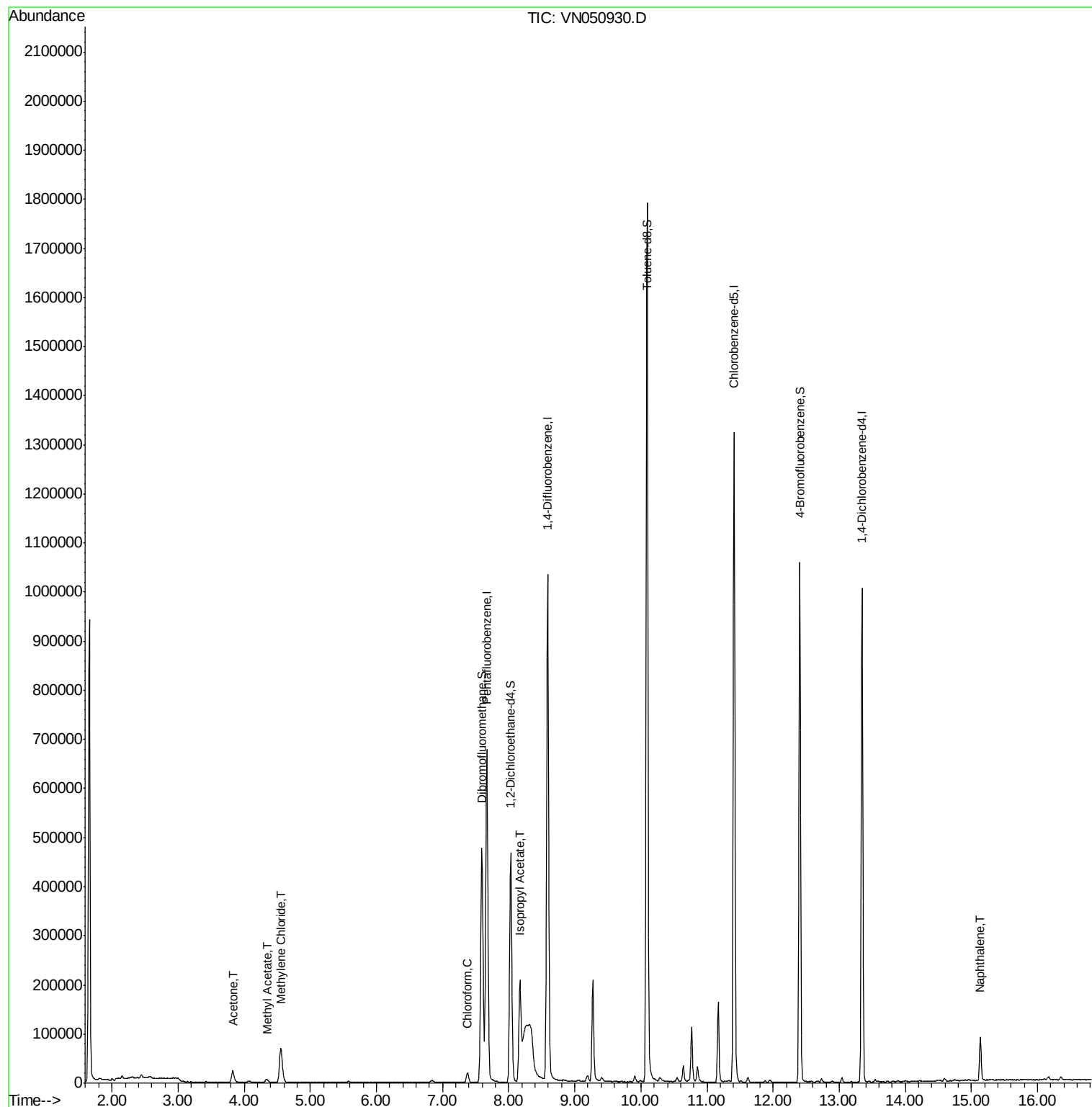
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	595249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	979071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	831493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	397394	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
35) Dibromofluoromethane	7.60	113	371522	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	10.09	98	1328539	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
62) 4-Bromofluorobenzene	12.40	95	360192	37.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.44%	
Target Compounds						
16) Acetone	3.83	43	40932	17.55	ug/l	96
18) Methyl Acetate	4.34	43	13911	2.06	ug/l #	89
20) Methylene Chloride	4.55	84	55111	6.82	ug/l	94
30) Chloroform	7.38	83	21768	1.65	ug/l	100
43) Isopropyl Acetate	8.17	43	258525	22.66	ug/l	95
95) Naphthalene	15.13	128	77286	11.23	ug/l	98

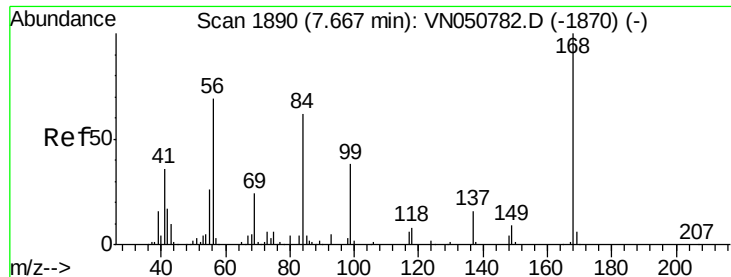
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

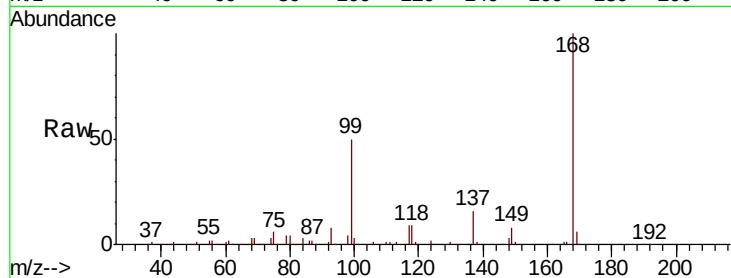
OR-01-082718-A

Tot Ion:168 Resp: 595249

Ion Ratio Lower Upper

168 100

99 50.3 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

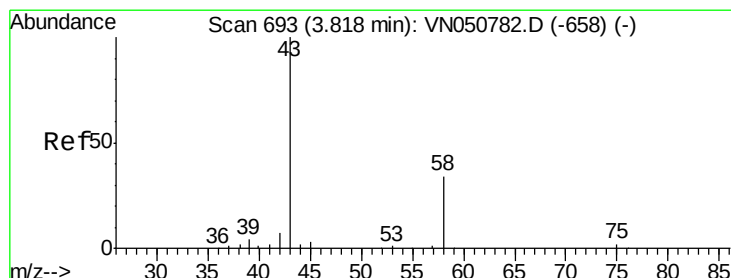
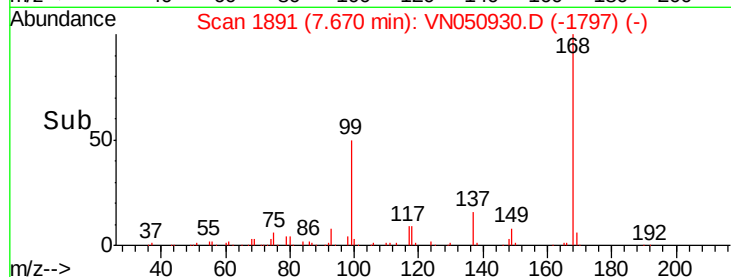
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.55 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050930.D

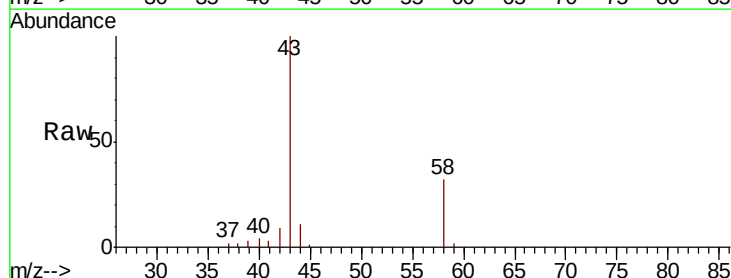
Acq: 28 Aug 2018 22:21

Tgt Ion: 43 Resp: 40932

Ion Ratio Lower Upper

43 100

58 31.7 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

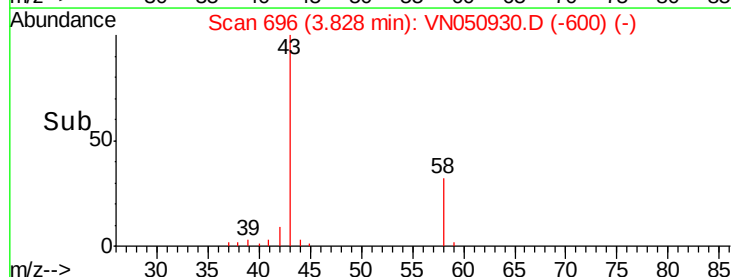
15000

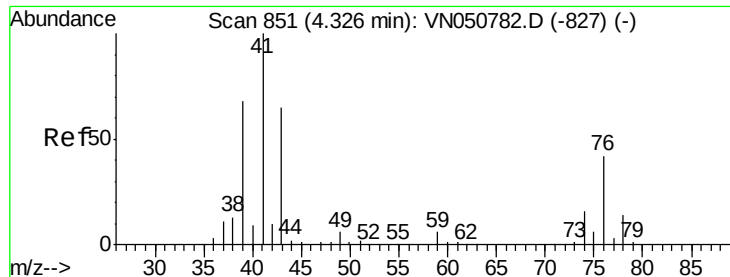
10000

5000

0

Time-->

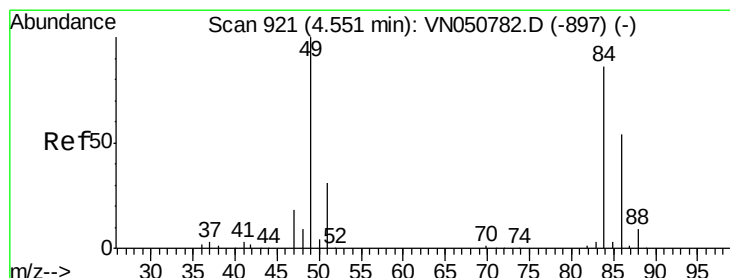
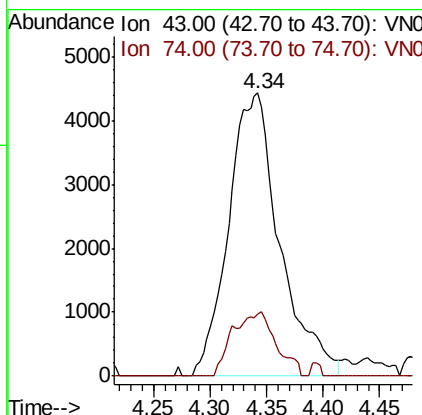
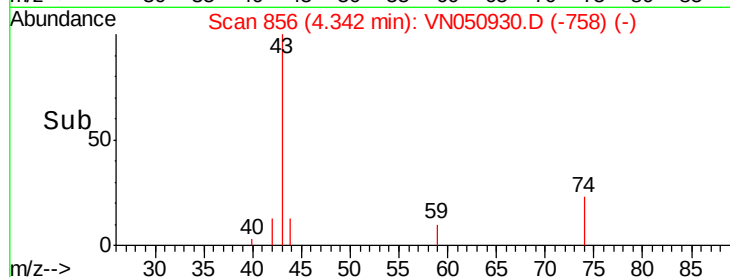
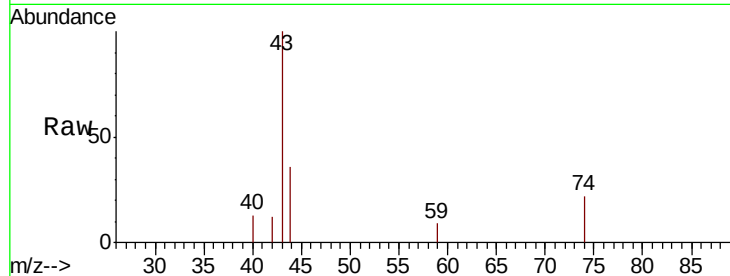




#18
Methyl Acetate
Concen: 2.06 ug/l
RT: 4.34 min Scan# 856
Delta R.T. 0.02 min
Lab File: VN050930.D
Acq: 28 Aug 2018 22:21

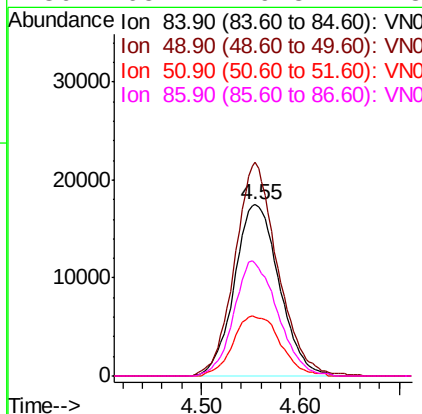
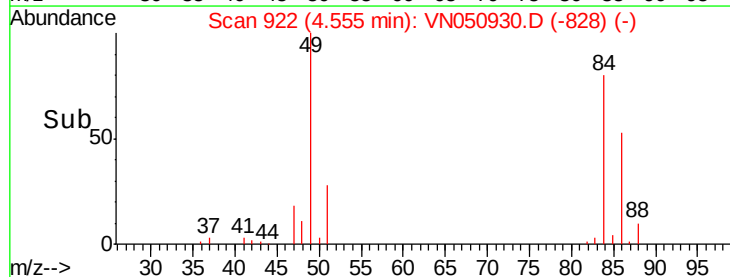
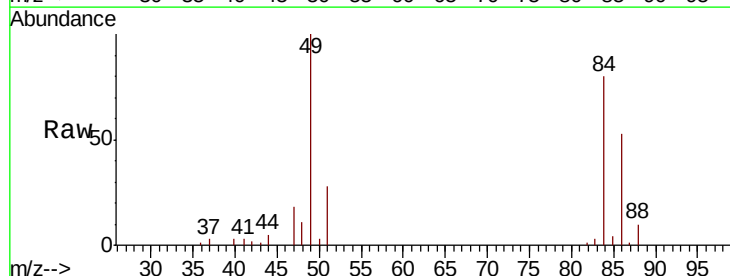
Instrument :
MSVOA_N
ClientSampleId :
OR-01-082718-A

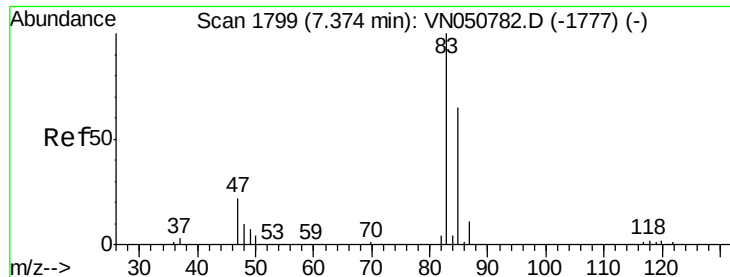
Tot Ion: 43 Resp: 13911
Ion Ratio Lower Upper
43 100
74 19.3 19.8 29.8#



#20
Methylene Chloride
Concen: 6.82 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050930.D
Acq: 28 Aug 2018 22:21

Tgt Ion: 84 Resp: 55111
Ion Ratio Lower Upper
84 100
49 124.6 93.2 139.8
51 34.4 29.0 43.6
86 65.4 49.8 74.8

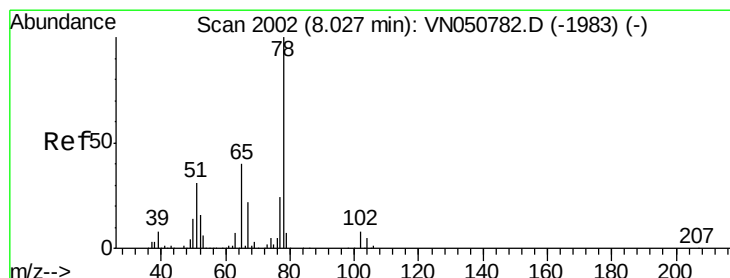
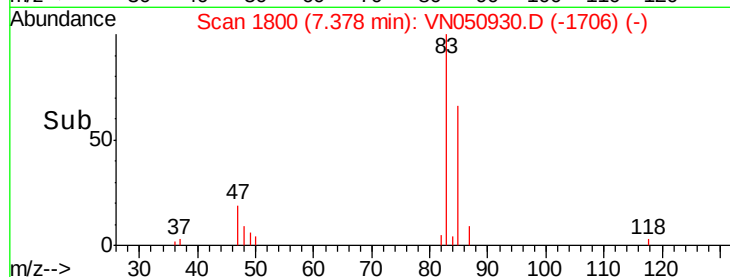
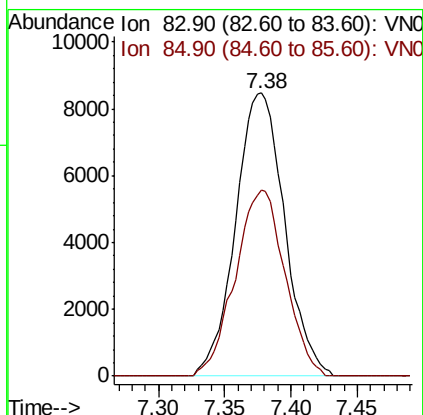
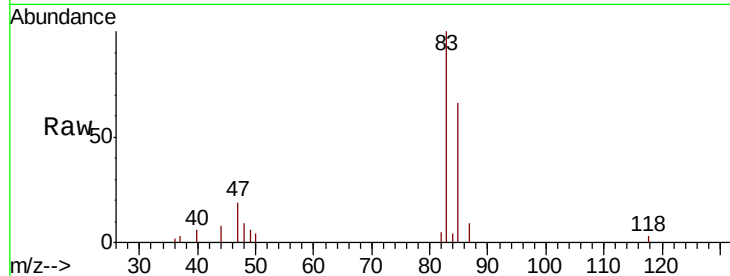




#30
Chloroform
Concen: 1.65 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050930.D
Acq: 28 Aug 2018 22:21

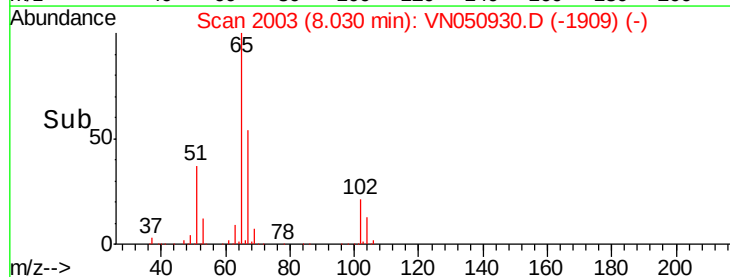
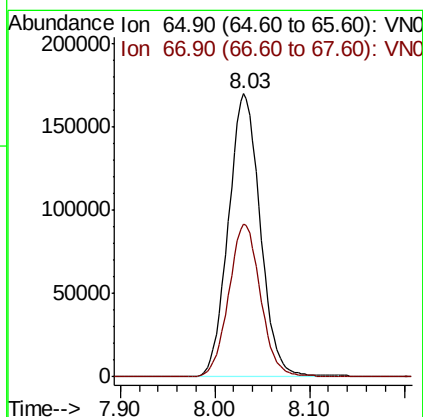
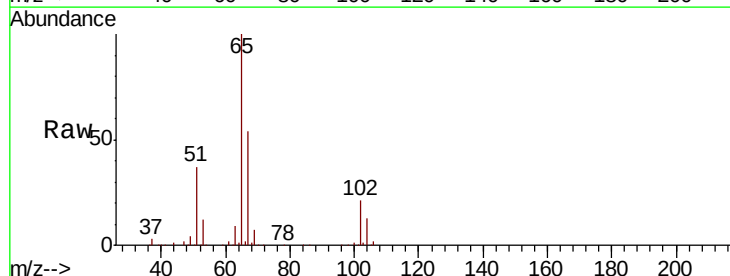
Instrument :
MSVOA_N
ClientSampleId :
OR-01-082718-A

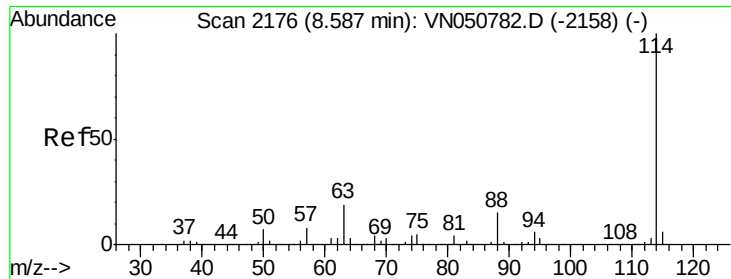
Tot Ion: 83 Resp: 21768
Ion Ratio Lower Upper
83 100
85 65.5 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 55.46 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050930.D
Acq: 28 Aug 2018 22:21

Tgt Ion: 65 Resp: 397394
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.4

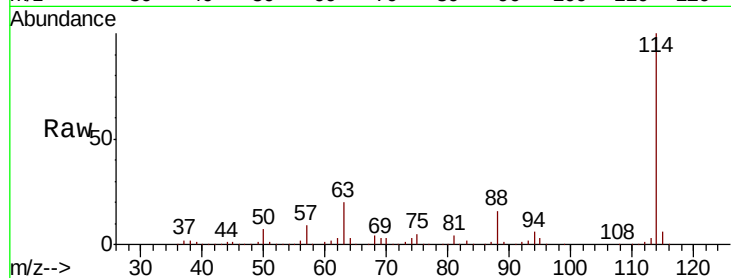




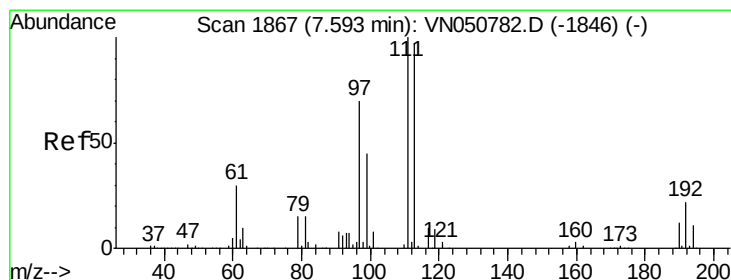
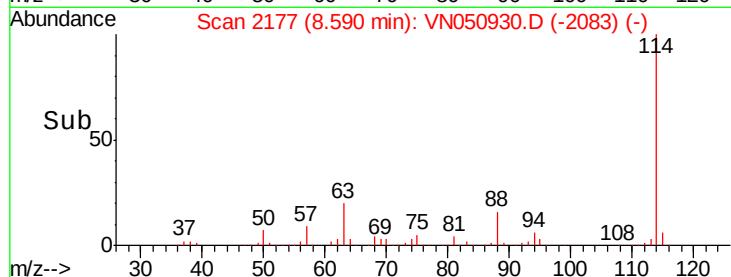
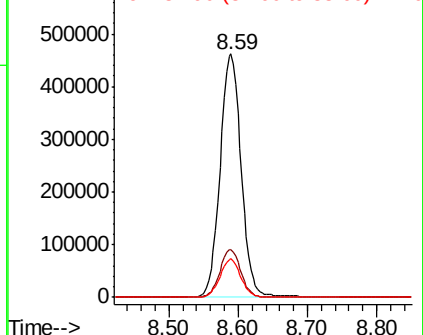
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050930.D
 Acq: 28 Aug 2018 22:21

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-082718-A

Tot Ion:114 Resp: 979071
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.7 0.0 30.6

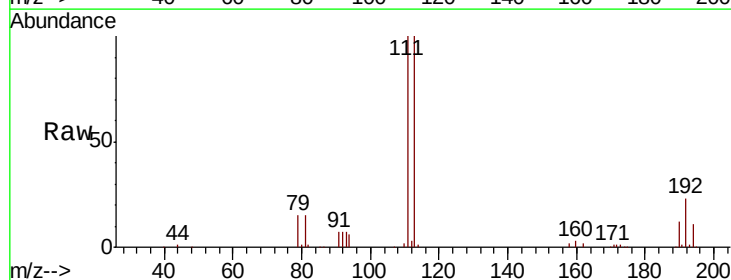


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

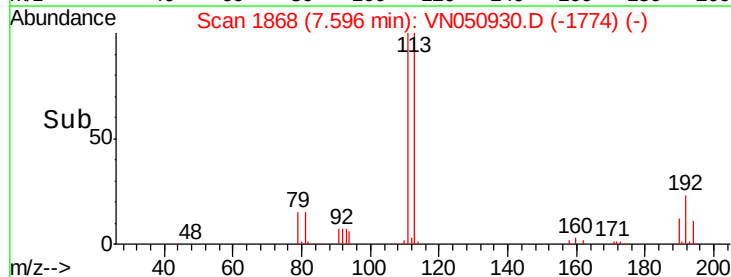
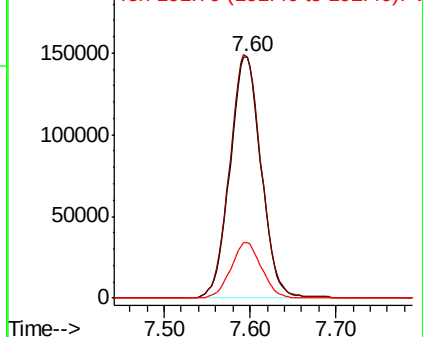


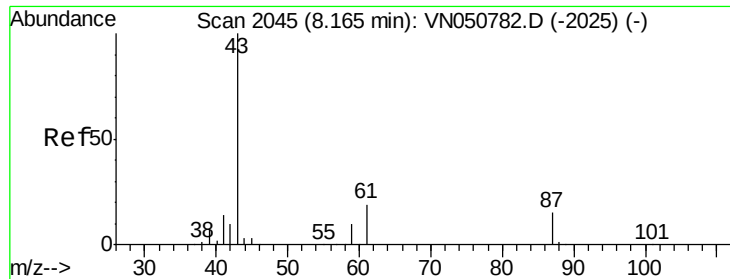
#35
 Dibromofluoromethane
 Concen: 47.70 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050930.D
 Acq: 28 Aug 2018 22:21

Tgt Ion:113 Resp: 371522
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.6 123.8
 192 22.6 18.0 27.0



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: 22.66 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

OR-01-082718-A

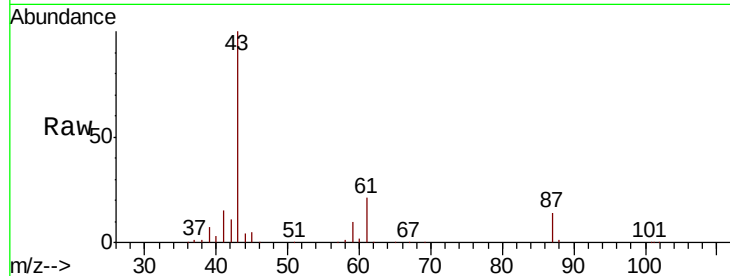
Tot Ion: 43 Resp: 258525

Ion Ratio Lower Upper

43 100

61 19.2 17.5 26.3

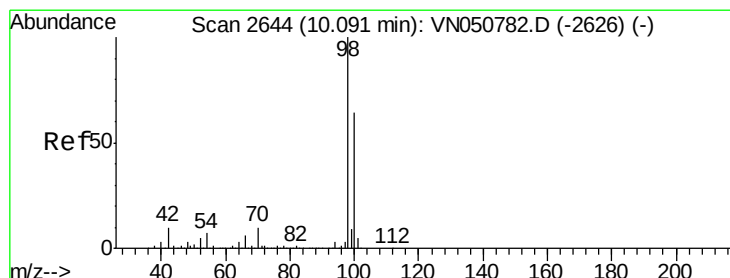
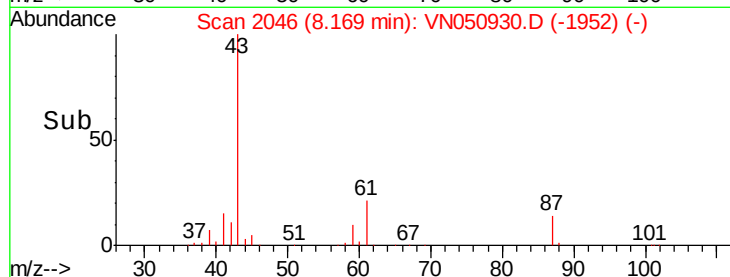
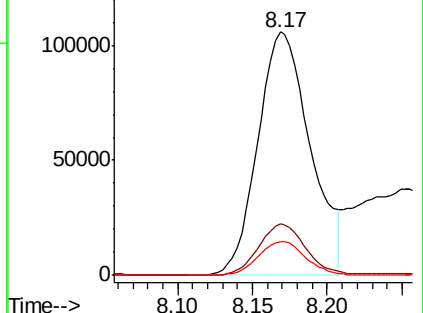
87 12.5 11.3 16.9



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: 45.62 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050930.D

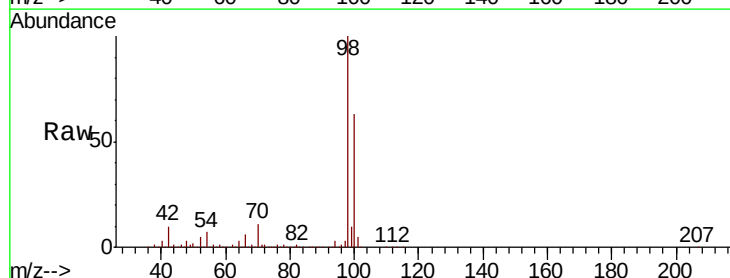
Acq: 28 Aug 2018 22:21

Tgt Ion: 98 Resp: 1328539

Ion Ratio Lower Upper

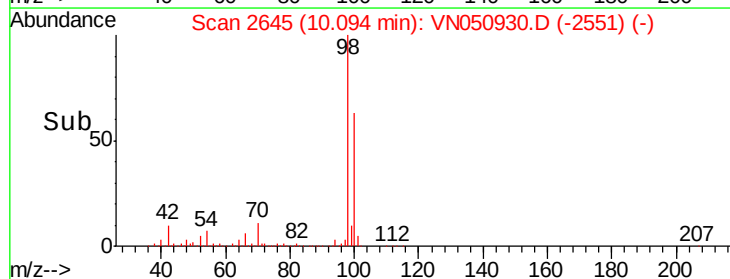
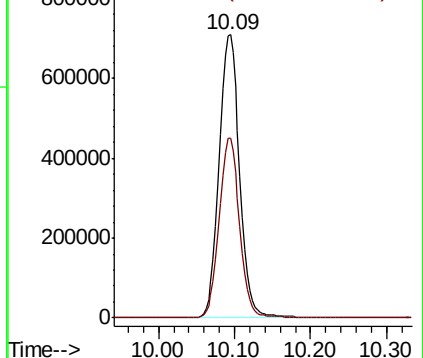
98 100

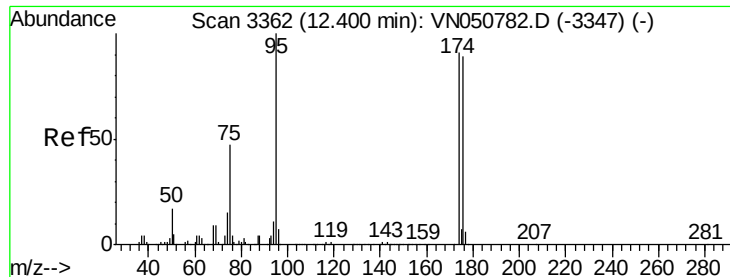
100 63.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.22 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

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ClientSampleId :

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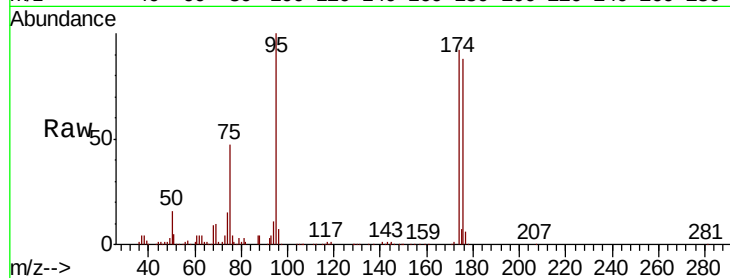
Tot Ion: 95 Resp: 360192

Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.0

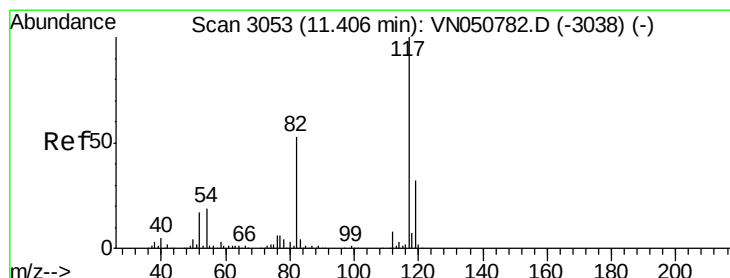
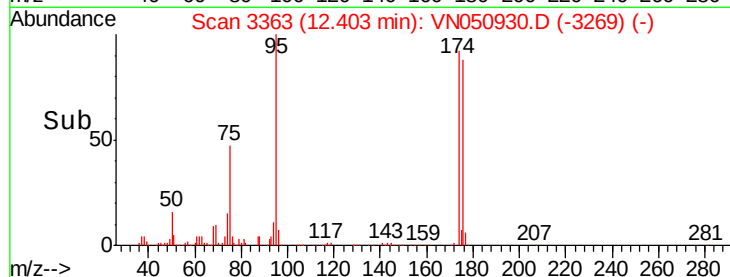
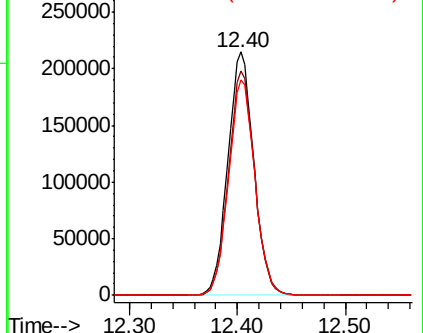
176 89.4 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

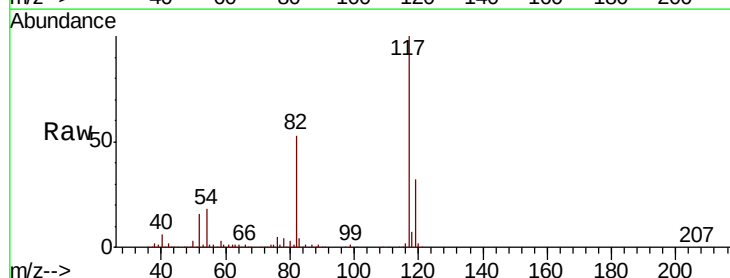
Tgt Ion: 117 Resp: 831493

Ion Ratio Lower Upper

117 100

82 52.6 42.6 64.0

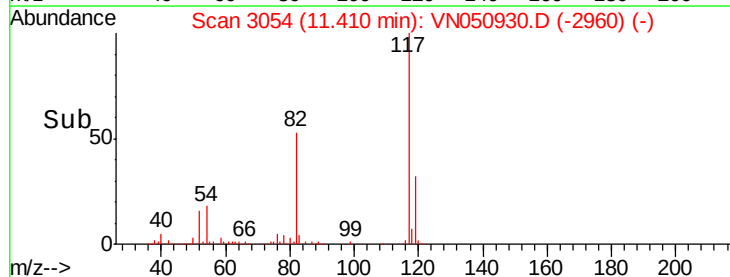
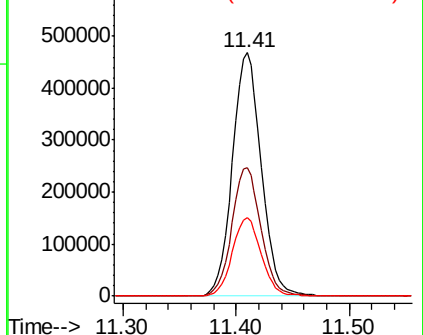
119 32.4 25.8 38.6

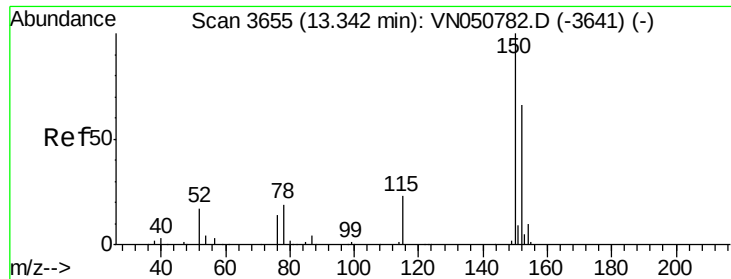


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.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: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

OR-01-082718-A

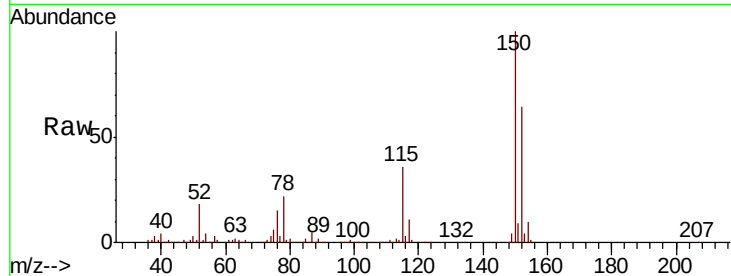
Tot Ion:152 Resp: 296158

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.4

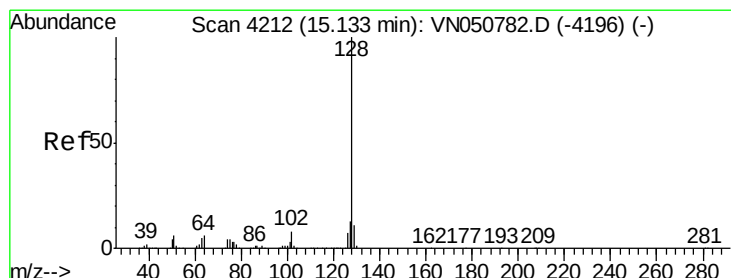
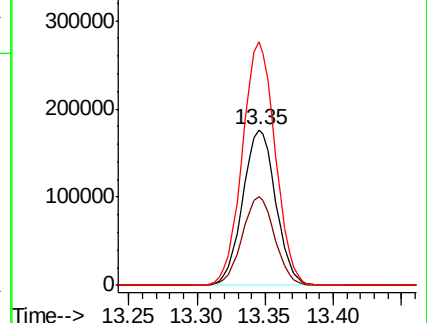
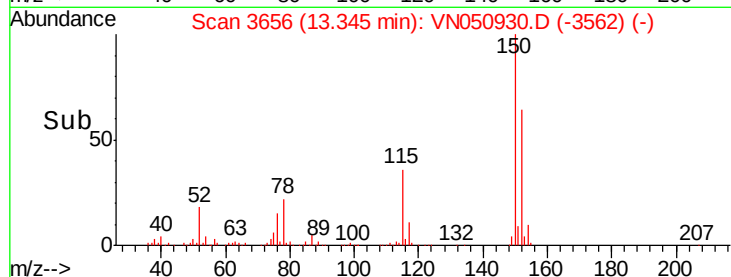
150 156.1 0.0 351.4



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: 11.23 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

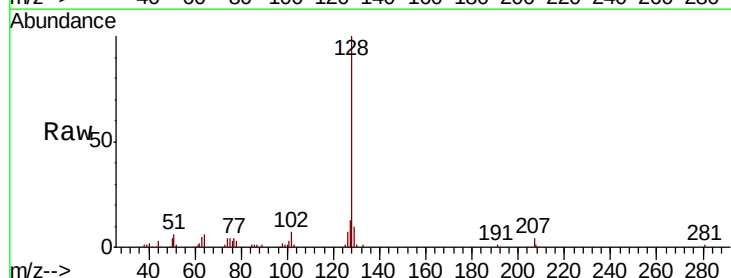
Tgt Ion:128 Resp: 77286

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 10.3 8.7 13.1



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

