

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052959.D
 Acq On : 18 Dec 2018 14:24
 Operator : MD\SY
 Sample : J6403-21ME 10X
 Misc : 4.81g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-BME

Quant Time: Dec 18 15:30:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

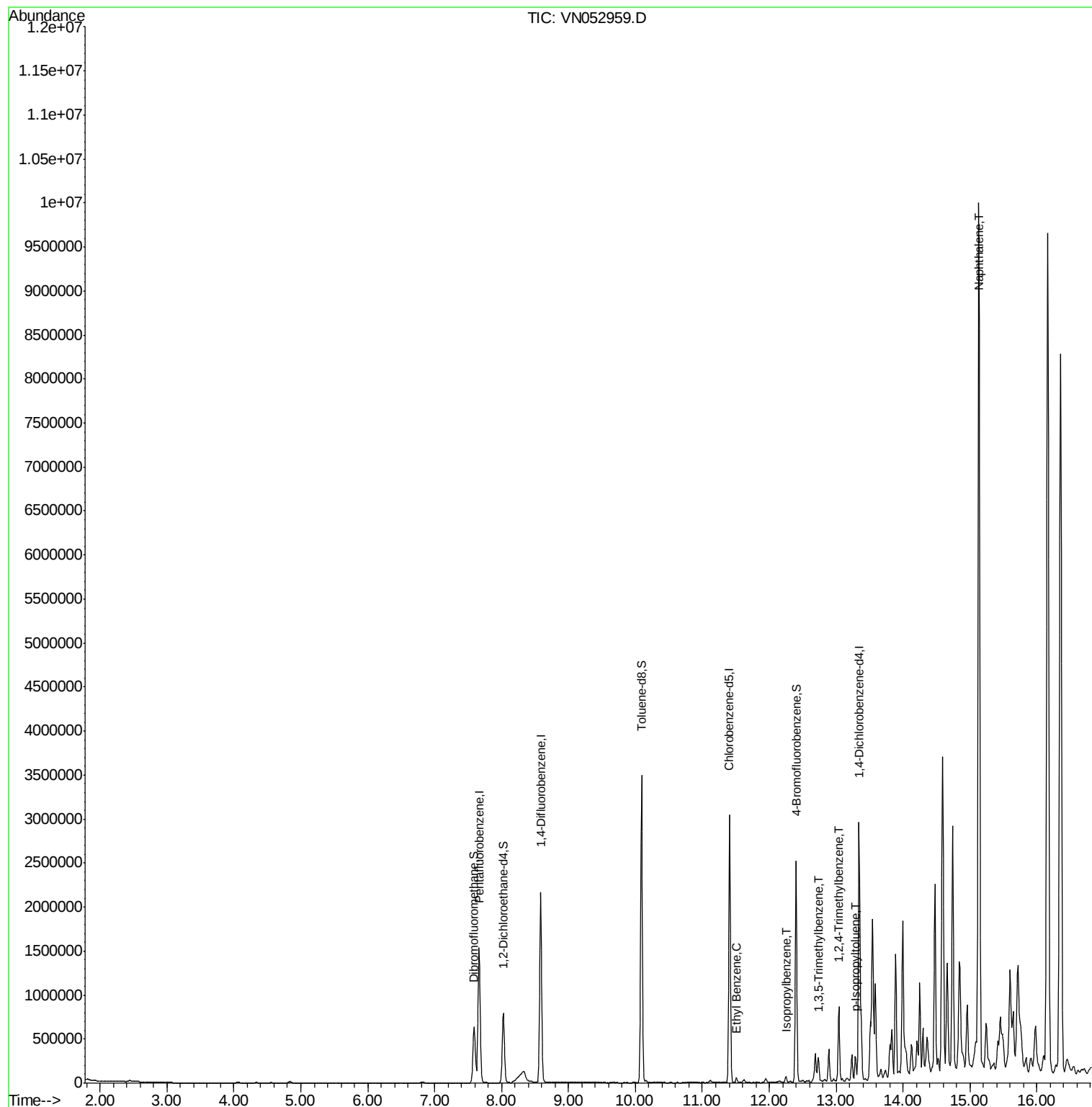
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1356843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2043811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1848723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	840877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	645377	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
35) Dibromofluoromethane	7.59	113	489436	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
50) Toluene-d8	10.09	98	2504045	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	863077	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
Target Compounds						
67) Ethyl Benzene	11.51	91	39973	0.567	ug/l	99
73) Isopropylbenzene	12.25	105	39459	0.600	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	143283	2.672	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	497559	9.230	ug/l	100
86) p-Isopropyltoluene	13.29	119	154427	2.786	ug/l	98
95) Naphthalene	15.13	128	8697550	258.188	ug/l	100

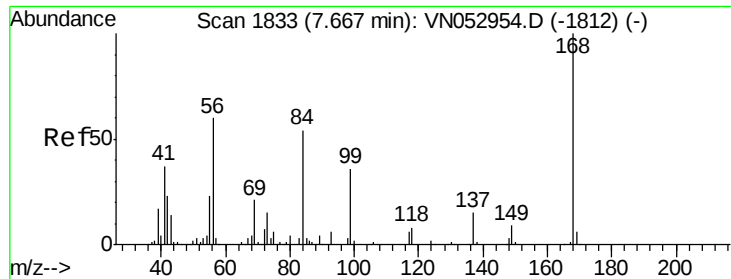
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
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Instrument :
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TP-3-BME

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052959.D

Acq: 18 Dec 2018 14:24

Instrument :

MSVOA_N

ClientSampleId :

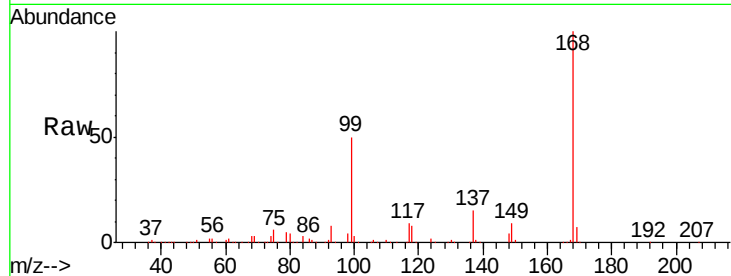
TP-3-BME

Tgt Ion:168 Resp: 1356843

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

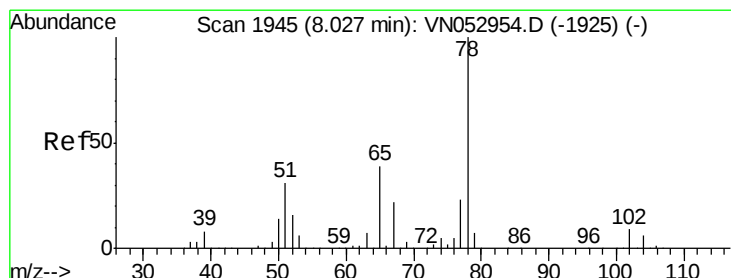
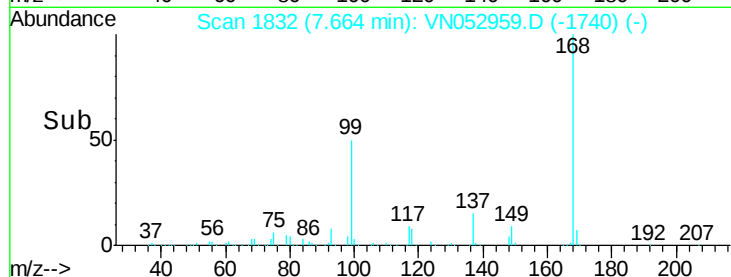
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052959.D

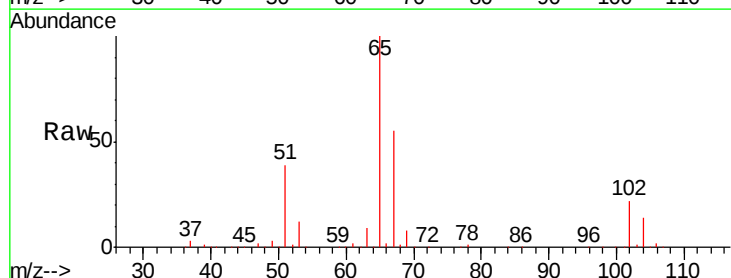
Acq: 18 Dec 2018 14:24

Tgt Ion: 65 Resp: 645377

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

300000

250000

200000

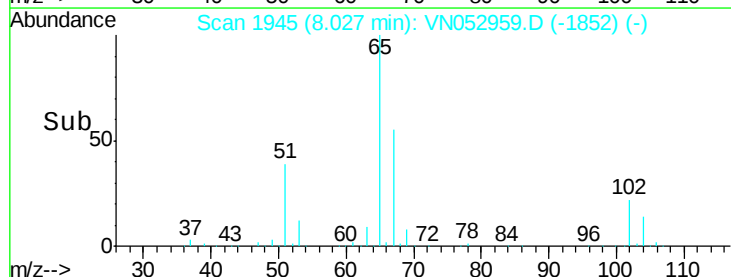
150000

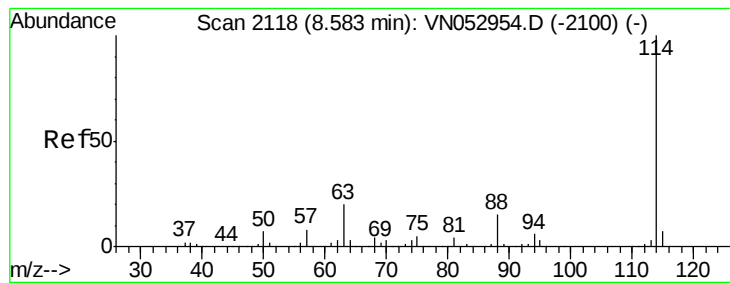
100000

50000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052959.D

Acq: 18 Dec 2018 14:24

Instrument :

MSVOA_N

ClientSampleId :

TP-3-BME

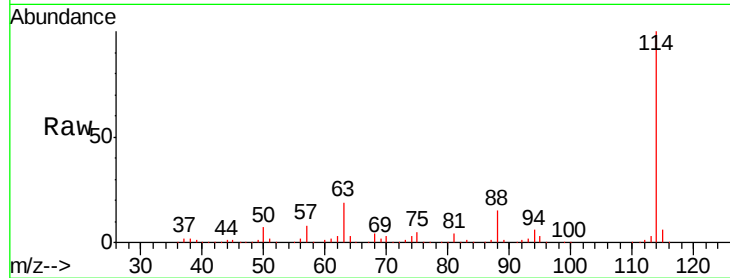
Tgt Ion:114 Resp: 2043811

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

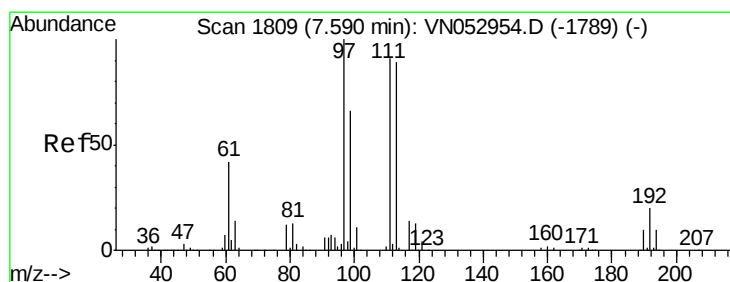
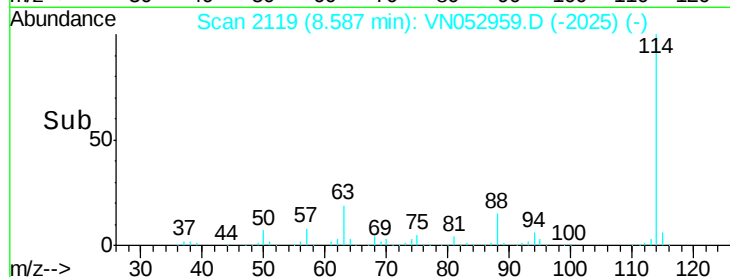
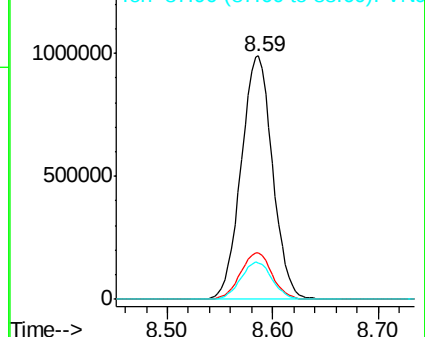
88 15.2 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052959.D

Acq: 18 Dec 2018 14:24

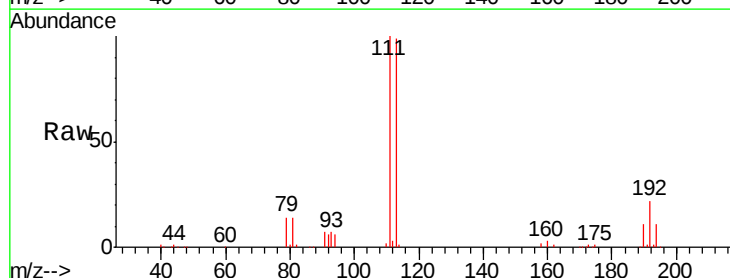
Tgt Ion:113 Resp: 489436

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.4

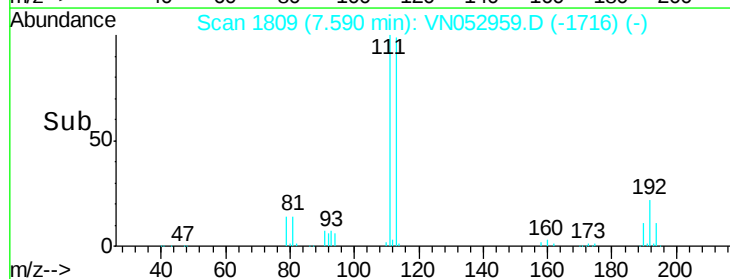
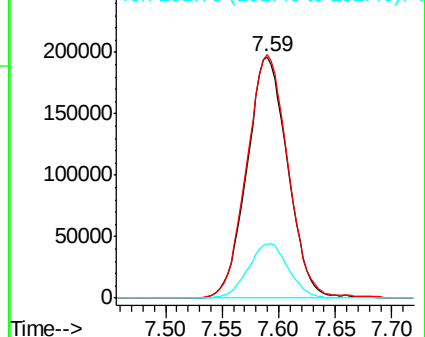
192 22.6 17.5 26.3

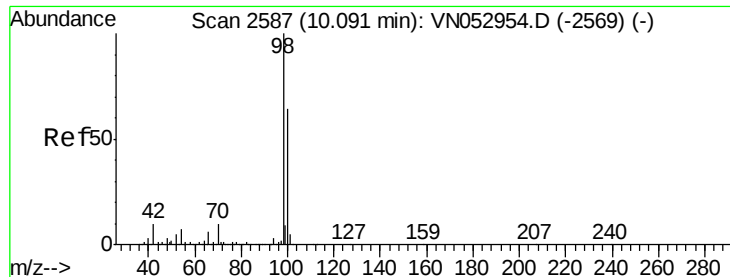


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052959.D

Acq: 18 Dec 2018 14:24

Instrument :

MSVOA_N

ClientSampleId :

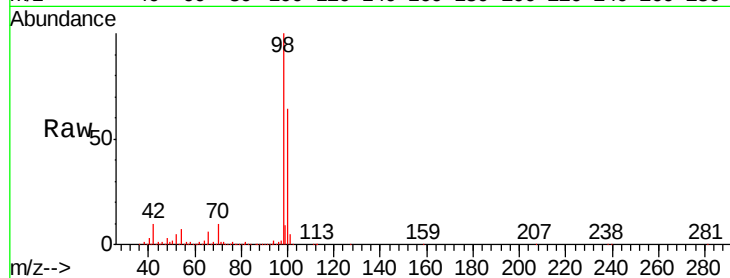
TP-3-BME

Tgt Ion: 98 Resp: 2504045

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

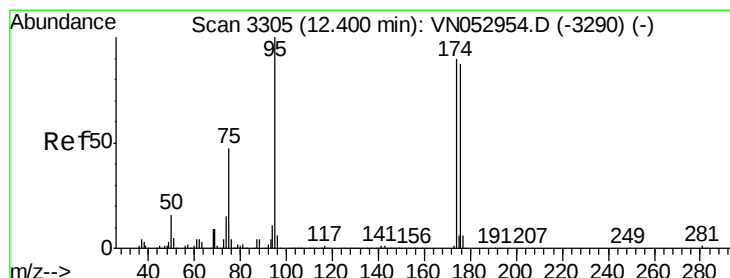
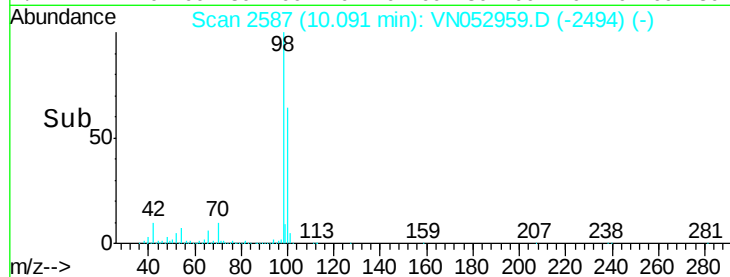
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052959.D

Acq: 18 Dec 2018 14:24

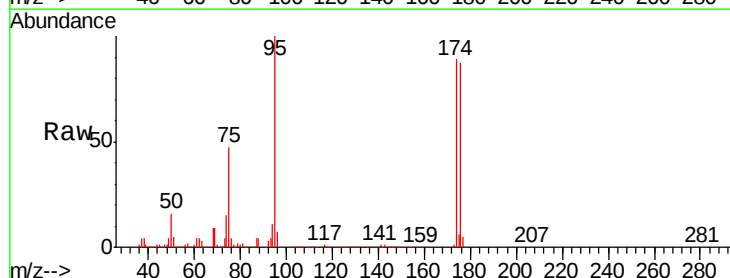
Tgt Ion: 95 Resp: 863077

Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.8

176 88.0 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

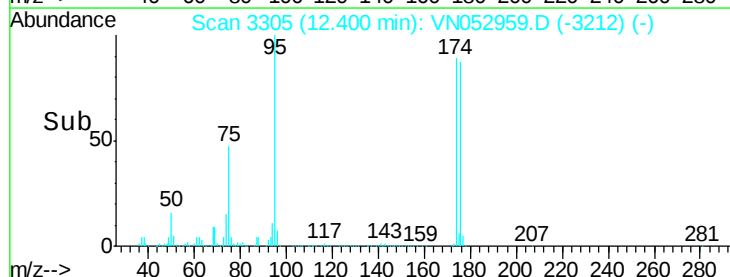
600000

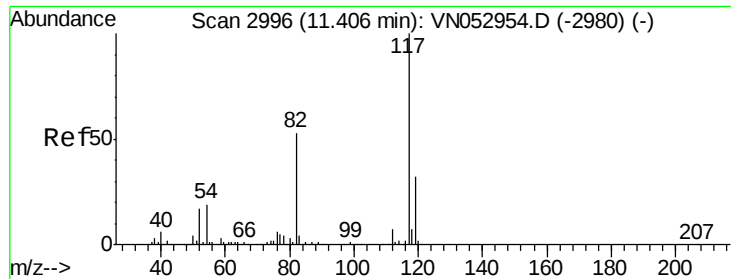
400000

200000

0

Time-->

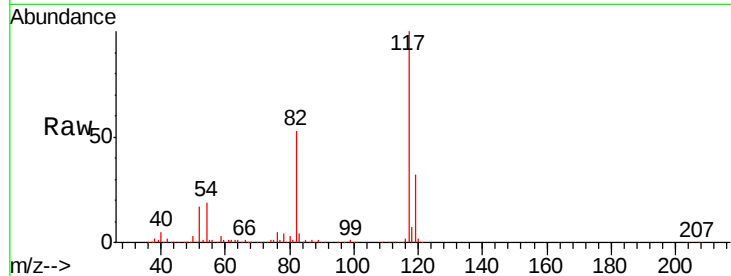




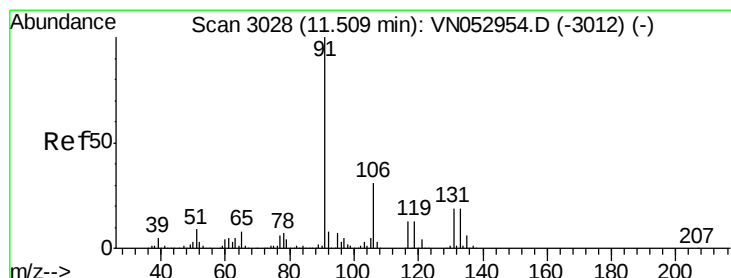
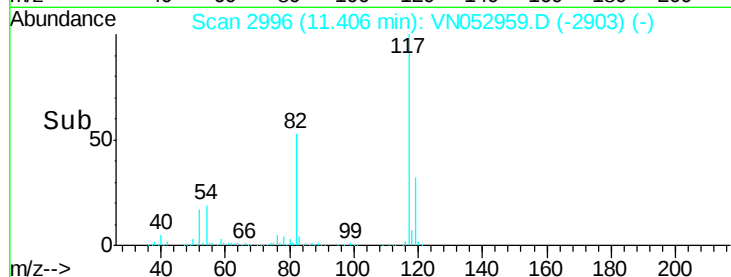
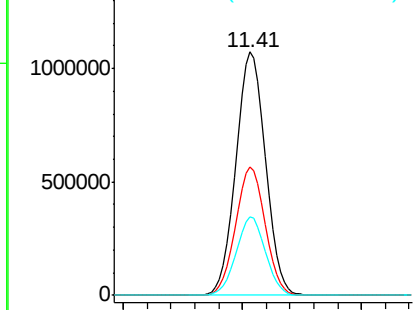
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052959.D
Acq: 18 Dec 2018 14:24

Instrument :
MSVOA_N
ClientSampleId :
TP-3-BME

Tgt Ion: 117 Resp: 1848723
Ion Ratio Lower Upper
117 100
82 52.8 42.8 64.2
119 32.4 25.5 38.3

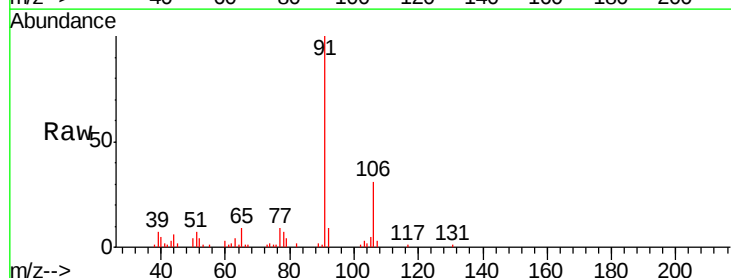


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 118.90 (118.60 to 119.60): V

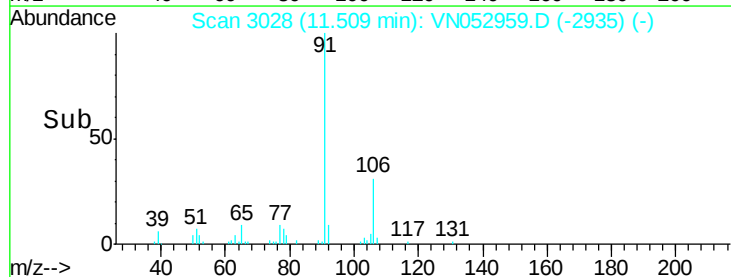
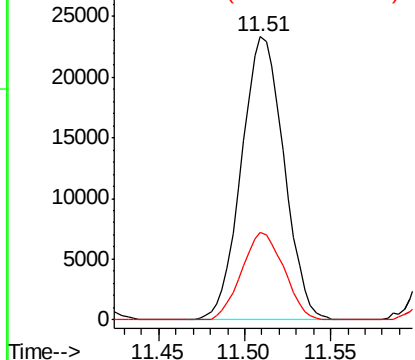


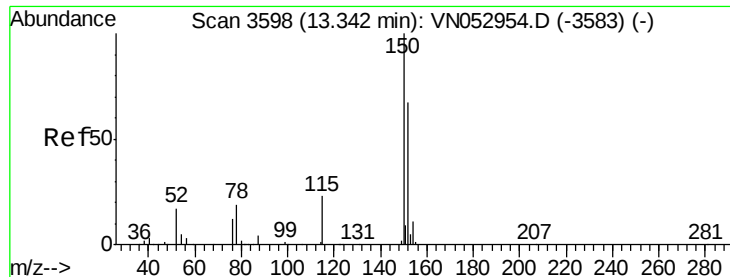
#67
Ethyl Benzene
Concen: 0.567 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052959.D
Acq: 18 Dec 2018 14:24

Tgt Ion: 91 Resp: 39973
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052959.D

Acq: 18 Dec 2018 14:24

Instrument :

MSVOA_N

ClientSampleId :

TP-3-BME

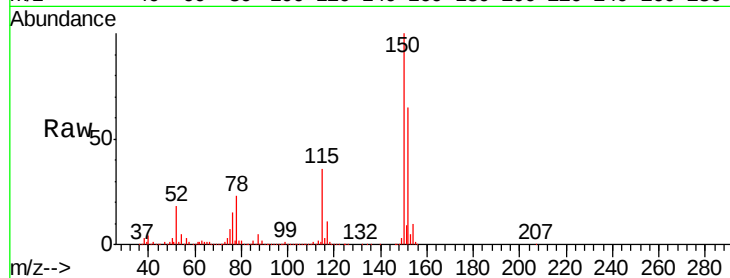
Tgt Ion:152 Resp: 840877

Ion Ratio Lower Upper

152 100

115 57.7 28.3 85.0

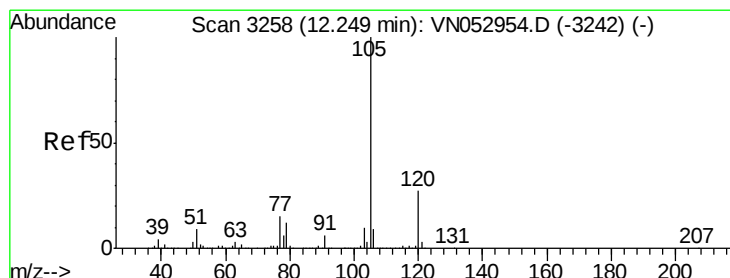
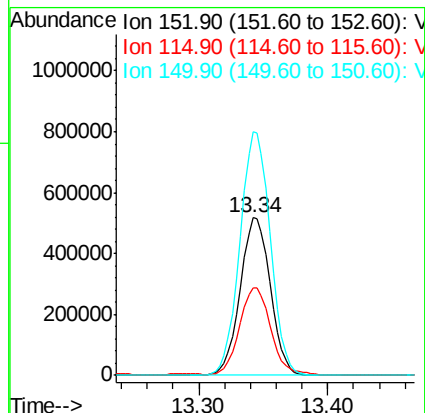
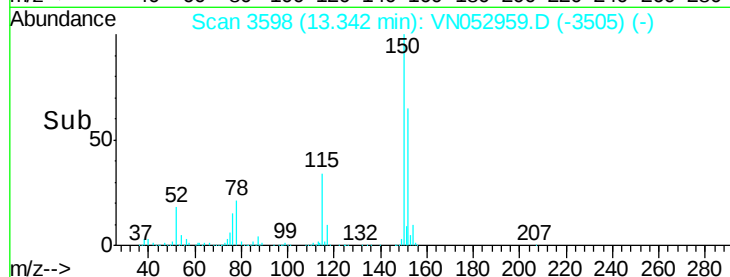
150 155.2 0.0 347.8



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



#73

Isopropylbenzene

Concen: 0.600 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052959.D

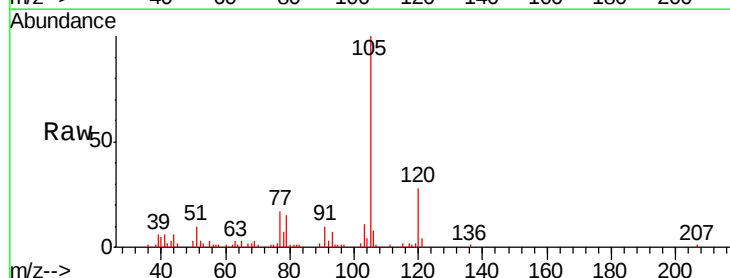
Acq: 18 Dec 2018 14:24

Tgt Ion:105 Resp: 39459

Ion Ratio Lower Upper

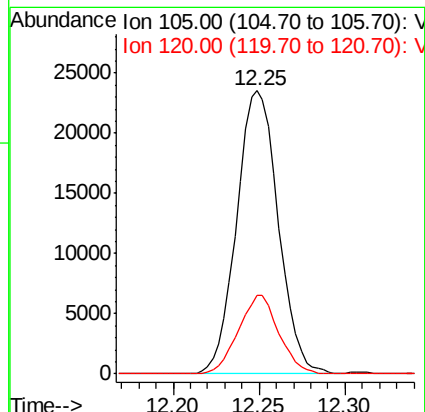
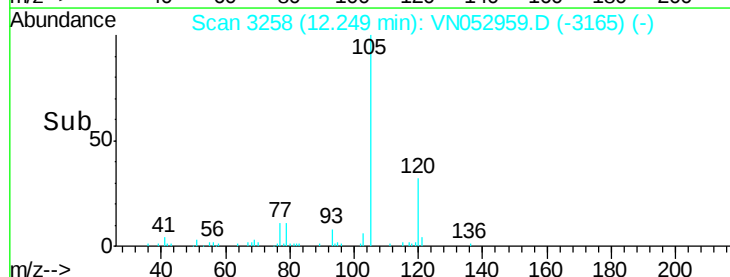
105 100

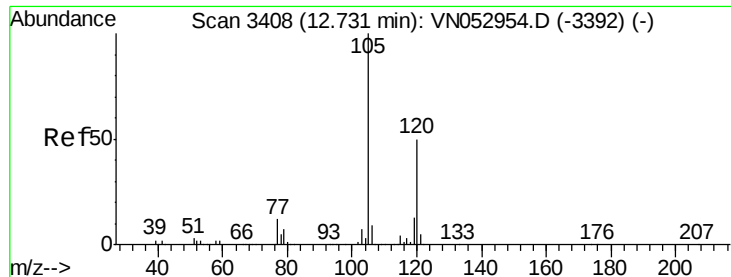
120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

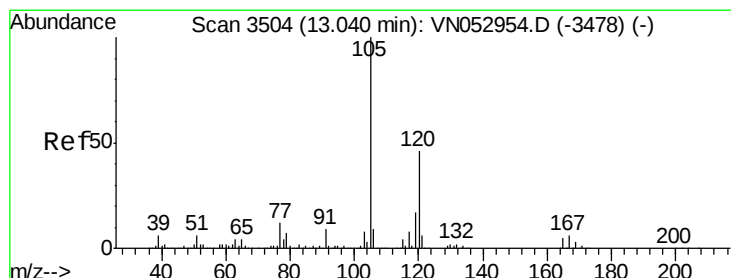
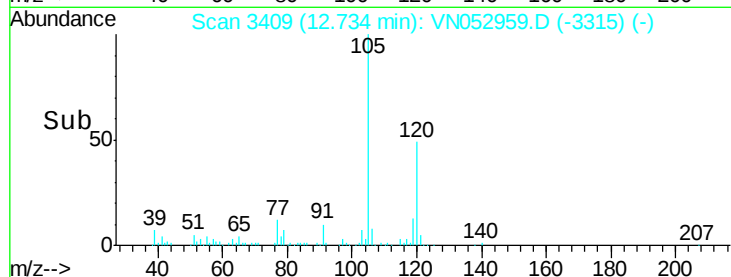
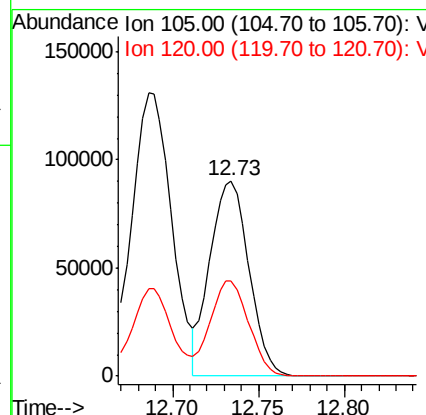
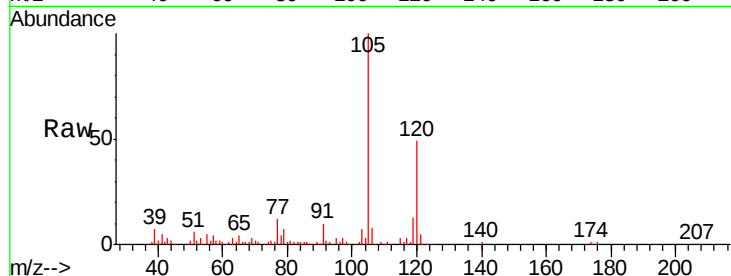




#80
 1,3,5-Trimethylbenzene
 Concen: 2.672 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052959.D
 Acq: 18 Dec 2018 14:24

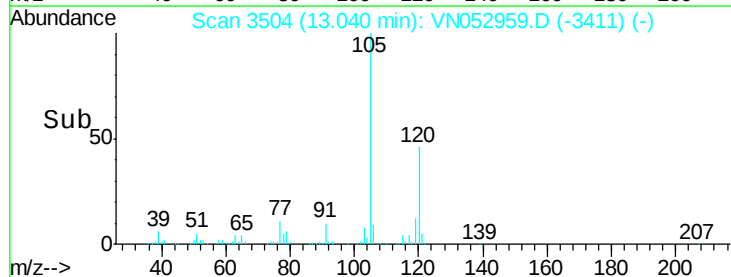
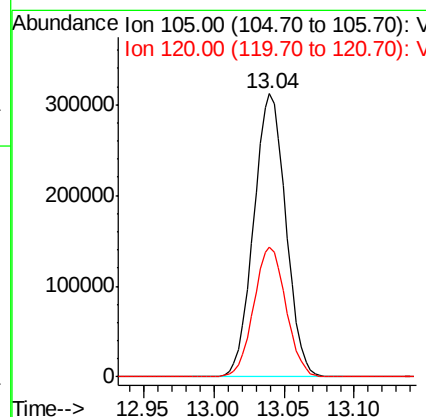
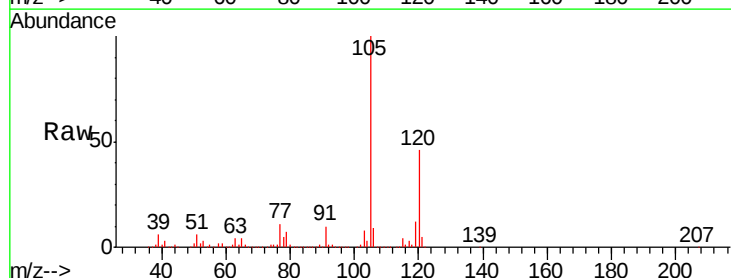
Instrument :
 MSVOA_N
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 TP-3-BME

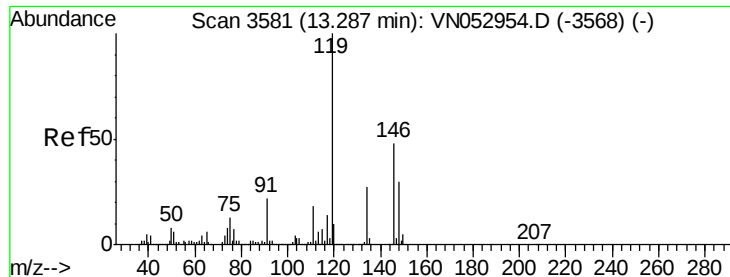
Tgt Ion:105 Resp: 143283
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 9.230 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052959.D
 Acq: 18 Dec 2018 14:24

Tgt Ion:105 Resp: 497559
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.8

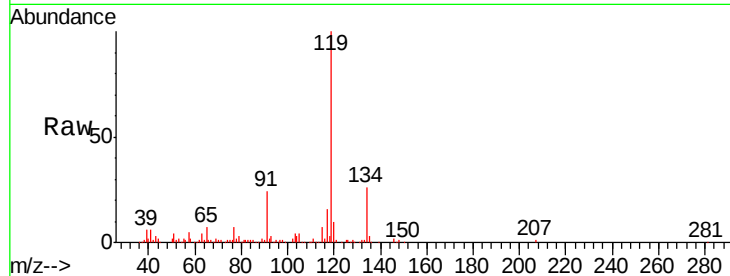




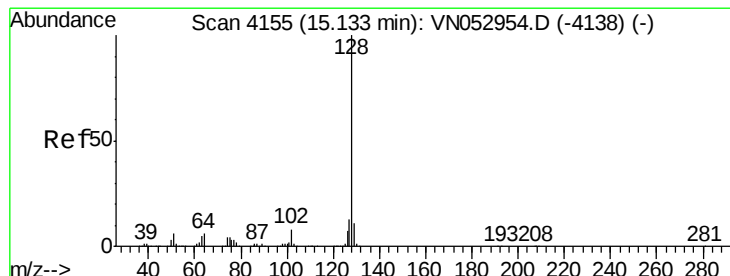
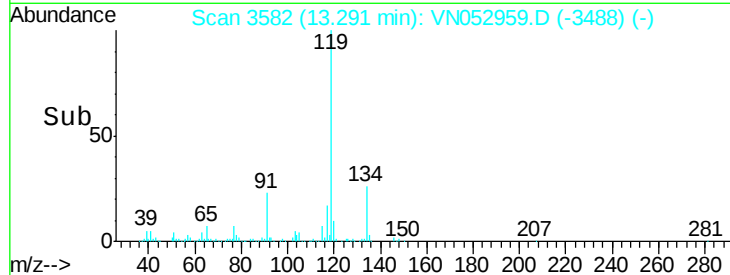
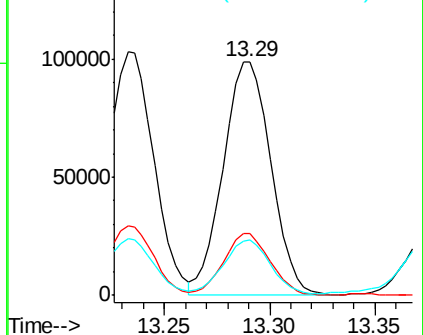
#86
p-Isopropyltoluene
Concen: 2.786 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN052959.D
Acq: 18 Dec 2018 14:24

Instrument :
MSVOA_N
ClientSampleId :
TP-3-BME

Tgt Ion:119 Resp: 154427
Ion Ratio Lower Upper
119 100
134 25.3 13.4 40.2
91 22.0 11.1 33.3

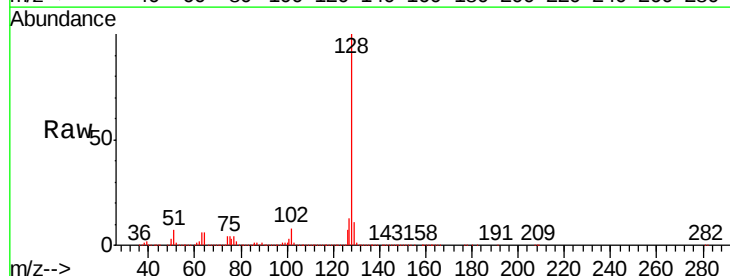


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 258.188 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052959.D
Acq: 18 Dec 2018 14:24

Tgt Ion:128 Resp: 8697550
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.6 13.0



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

