

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056161.D
 Acq On : 10 Jun 2019 11:37
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Jun 11 03:27:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

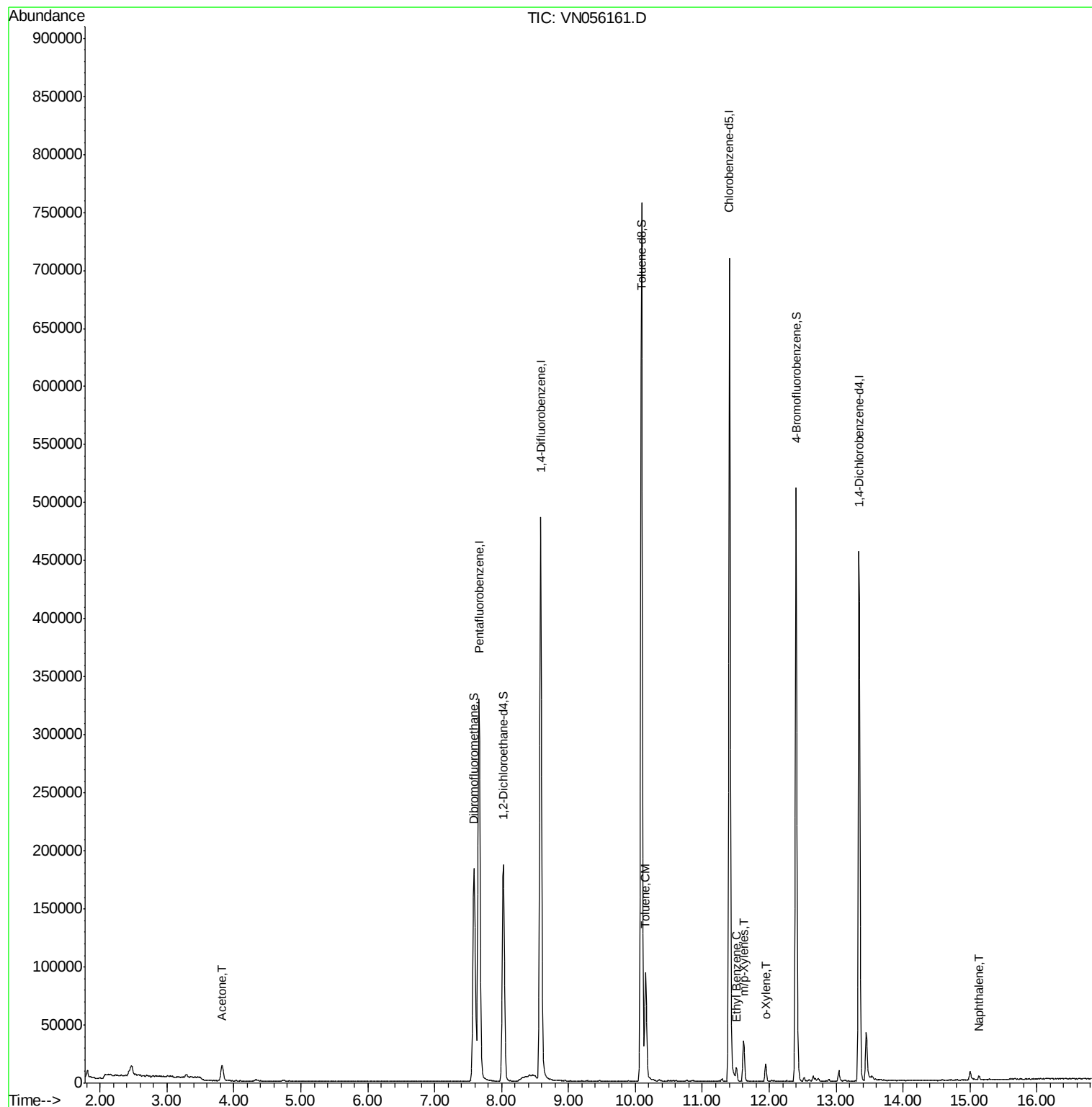
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	310116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	473426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	454639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	155135	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.59	113	141534	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	10.09	98	572852	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	180551	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
Target Compounds						
16) Acetone	3.82	43	23921	16.243	ug/l	96
52) Toluene	10.16	92	42474	5.521	ug/l	98
67) Ethyl Benzene	11.51	91	9290	0.590	ug/l	92
68) m/p-Xylenes	11.62	106	12361	2.057	ug/l	100
69) o-Xylene	11.94	106	4689	0.793	ug/l	99
95) Naphthalene	15.13	128	3800	4.365	ug/l #	89

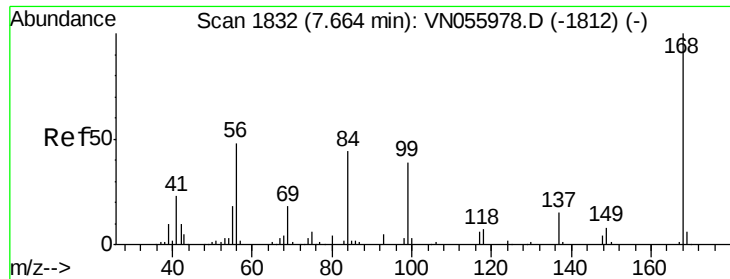
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
Data File : VN056161.D
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Quant Time: Jun 11 03:27:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
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: VN056161.D

Acq: 10 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

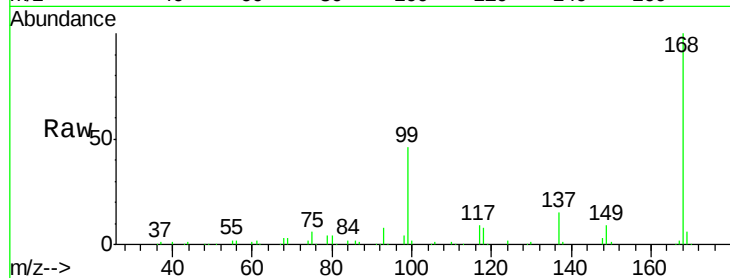
I.BLK

Tot Ion:168 Resp: 310116

Ion Ratio Lower Upper

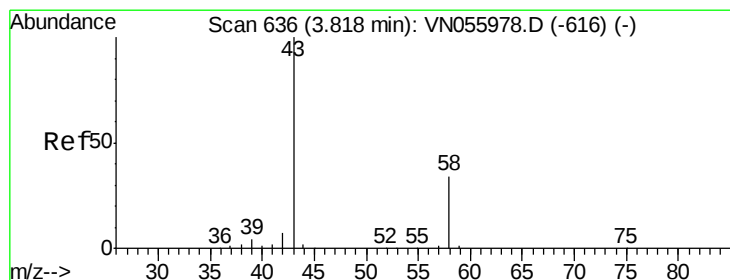
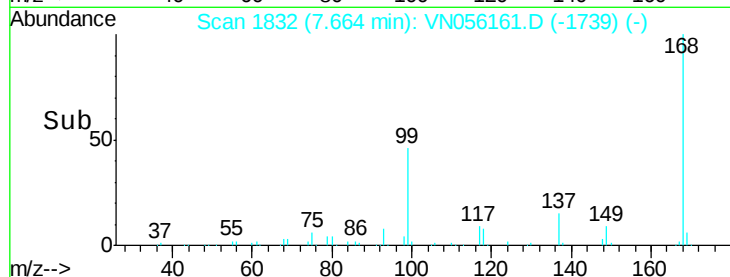
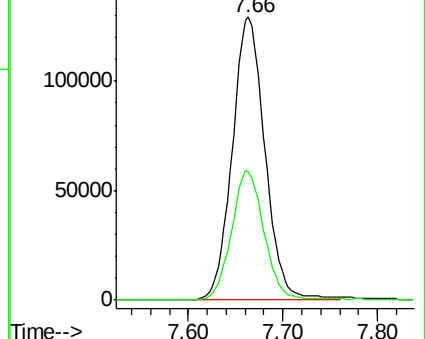
168 100

99 45.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 16.243 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056161.D

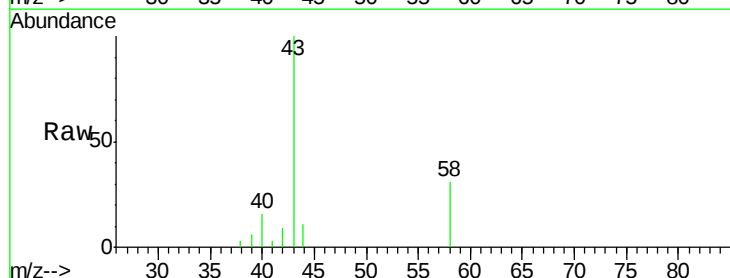
Acq: 10 Jun 2019 11:37

Tgt Ion: 43 Resp: 23921

Ion Ratio Lower Upper

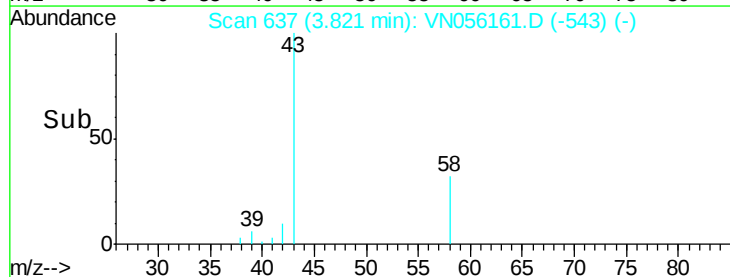
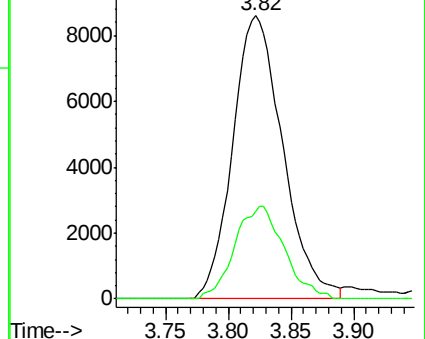
43 100

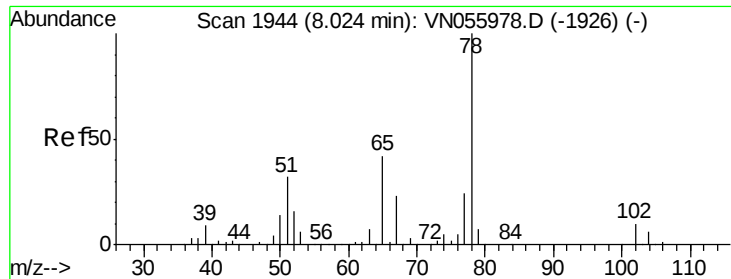
58 31.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

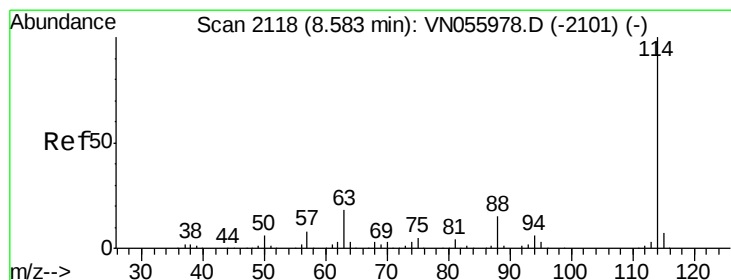
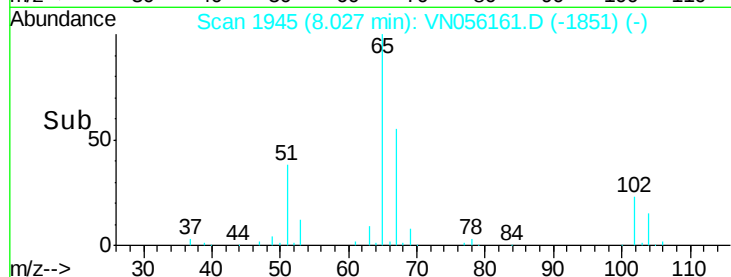
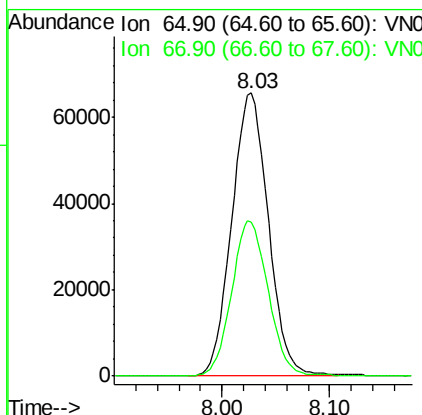
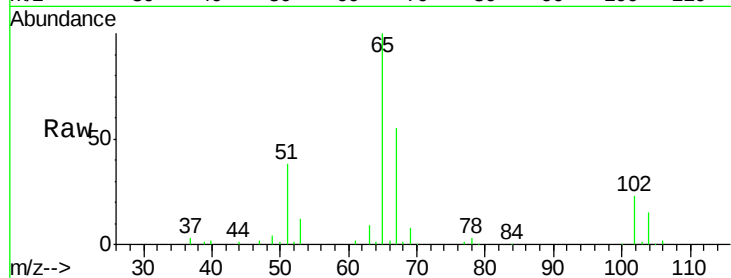




#33
 1,2-Dichloroethane-d4
 Concen: 50.382 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056161.D
 Acq: 10 Jun 2019 11:37

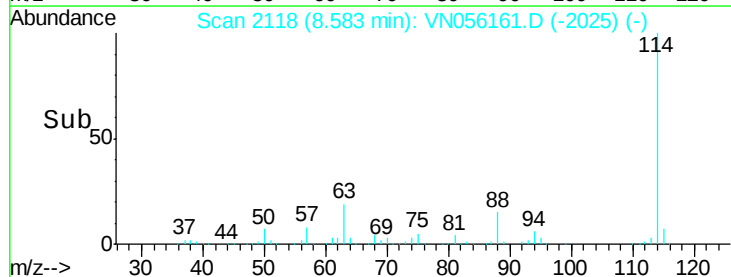
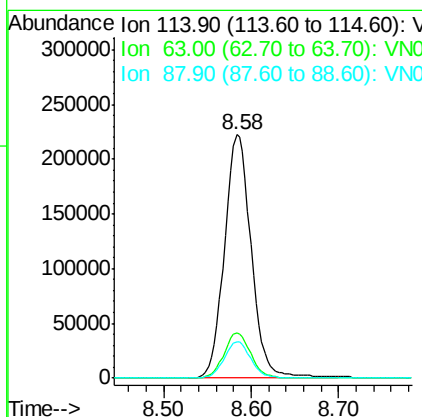
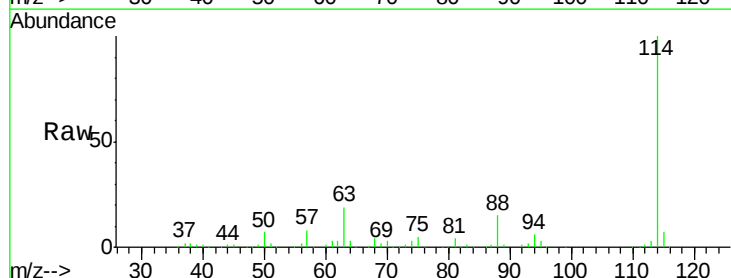
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

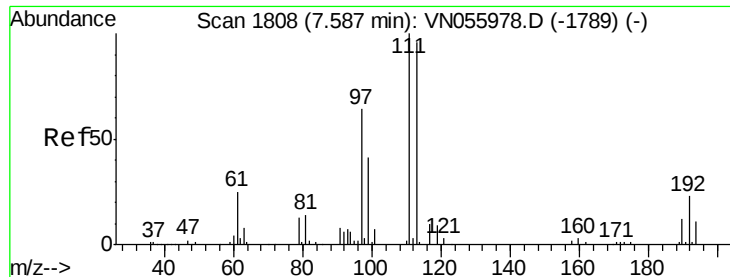
Tot Ion: 65 Resp: 155135
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056161.D
 Acq: 10 Jun 2019 11:37

Tgt Ion: 114 Resp: 473426
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.0 0.0 31.0

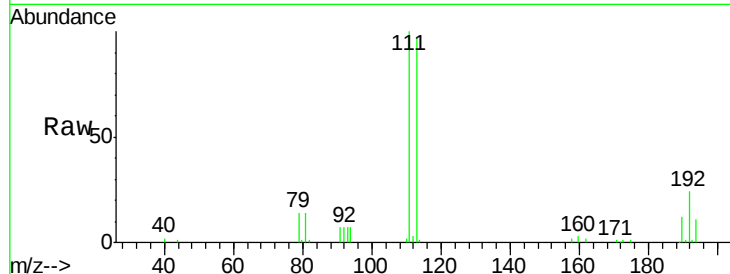




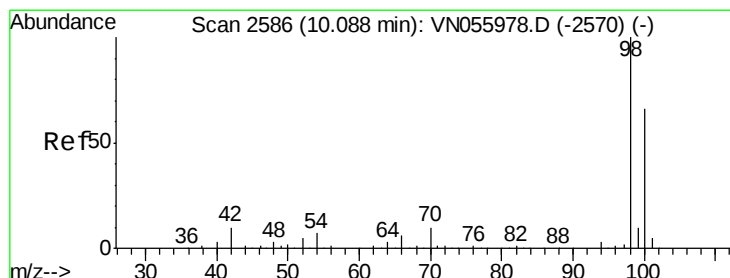
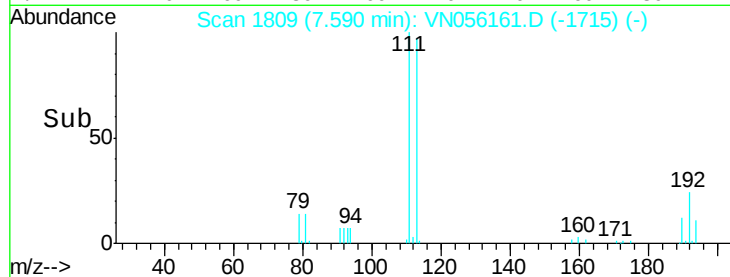
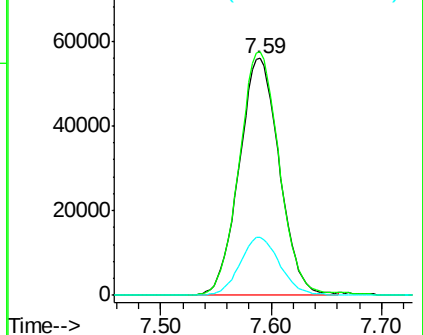
#35
 Dibromofluoromethane
 Concen: 48.727 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056161.D
 Acq: 10 Jun 2019 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	24.2	19.5	29.3

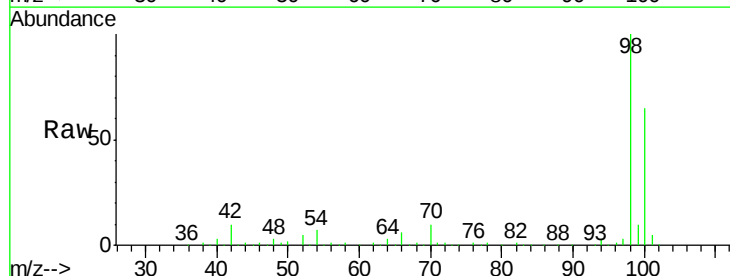


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

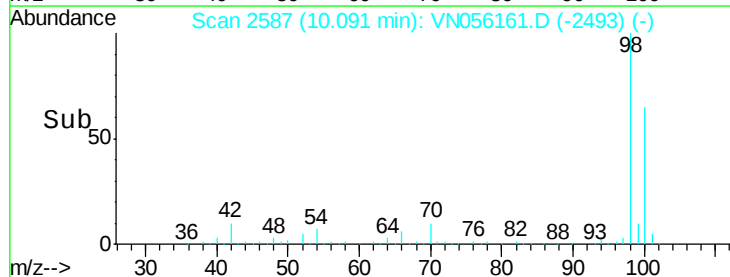
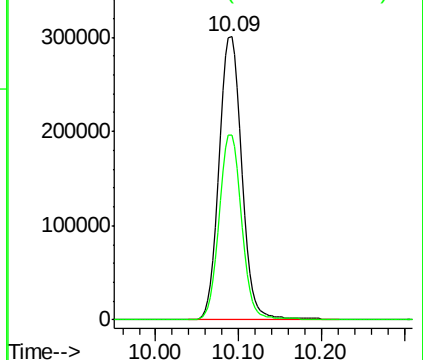


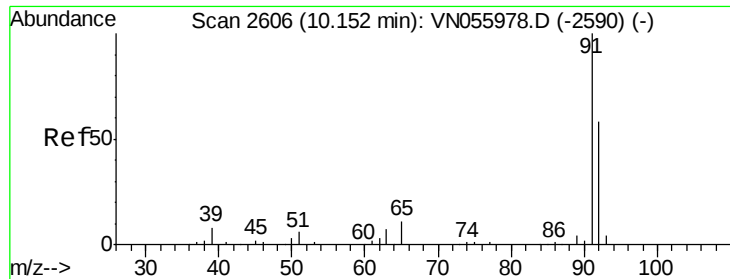
#50
 Toluene-d8
 Concen: 51.253 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056161.D
 Acq: 10 Jun 2019 11:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 5.521 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056161.D

Acq: 10 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampled :

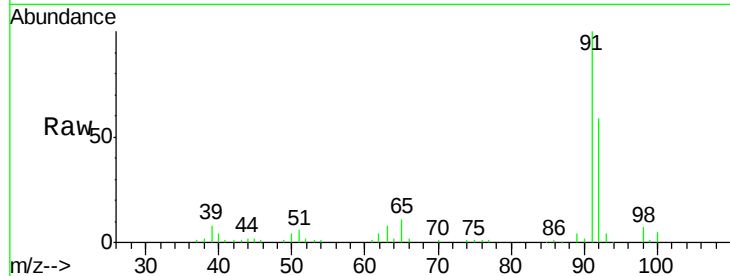
I.BLK

Tot Ion: 92 Resp: 42474

Ion Ratio Lower Upper

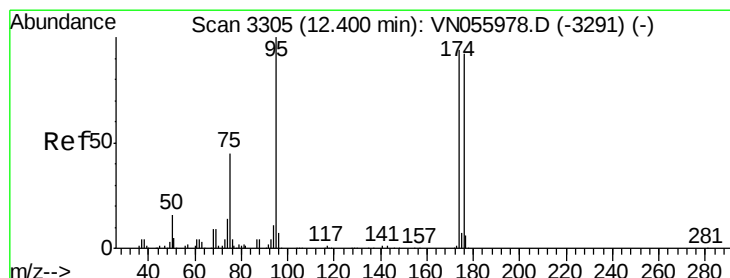
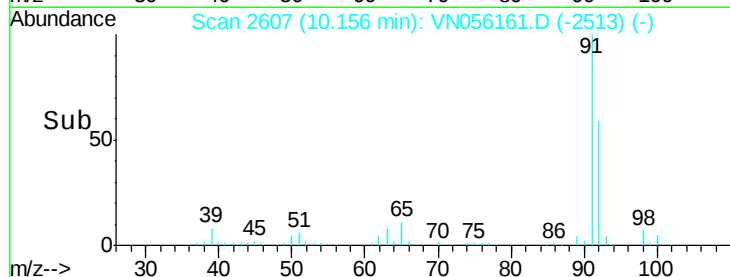
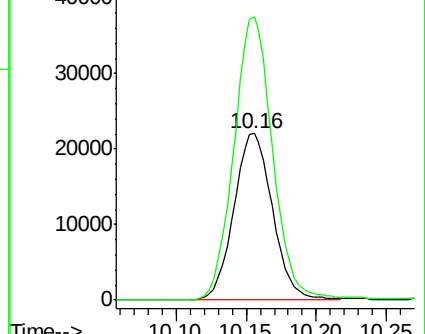
92 100

91 171.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 47.501 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056161.D

Acq: 10 Jun 2019 11:37

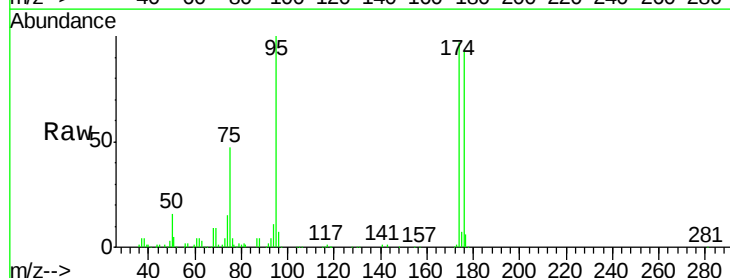
Tgt Ion: 95 Resp: 180551

Ion Ratio Lower Upper

95 100

174 96.3 0.0 191.0

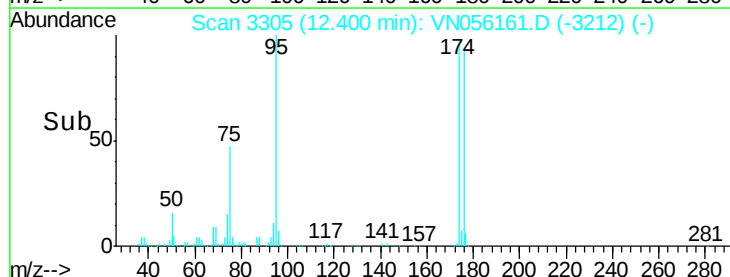
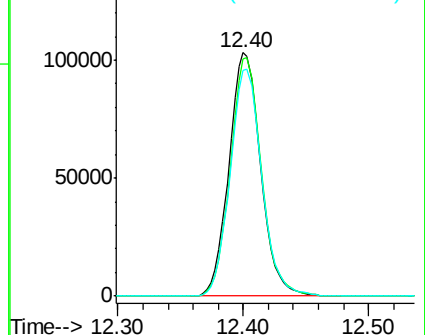
176 93.6 0.0 185.2

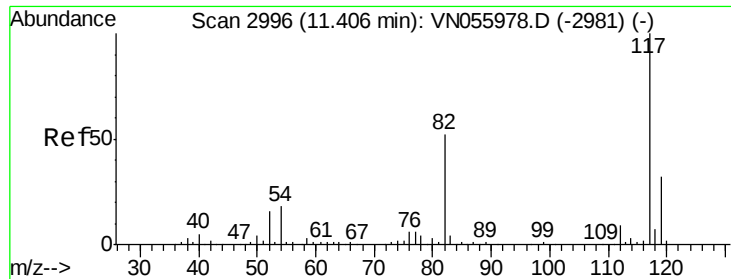


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

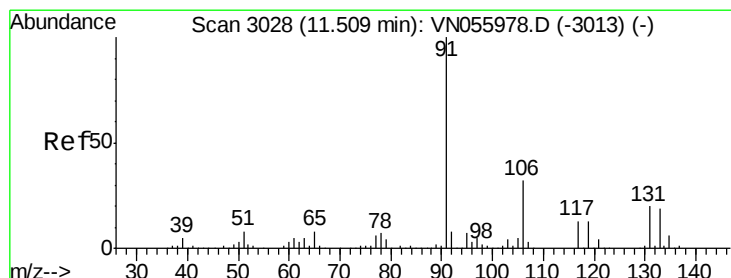
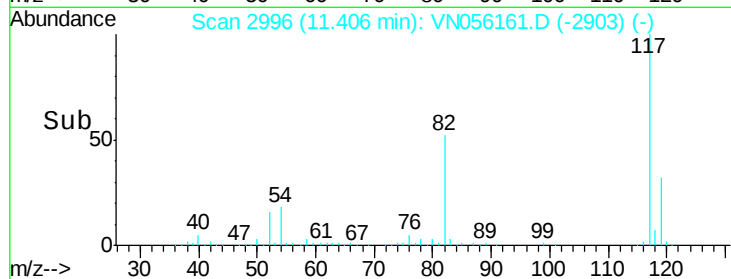
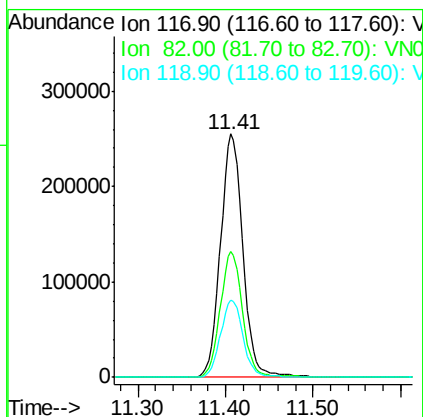
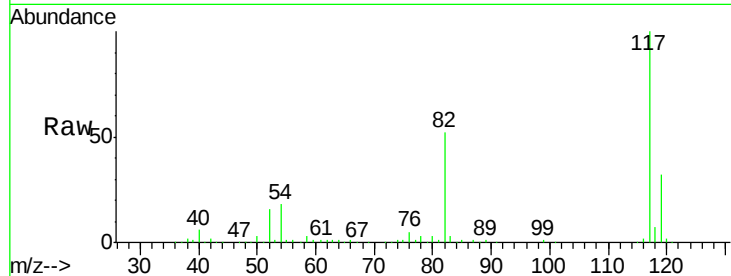




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056161.D
Acq: 10 Jun 2019 11:37

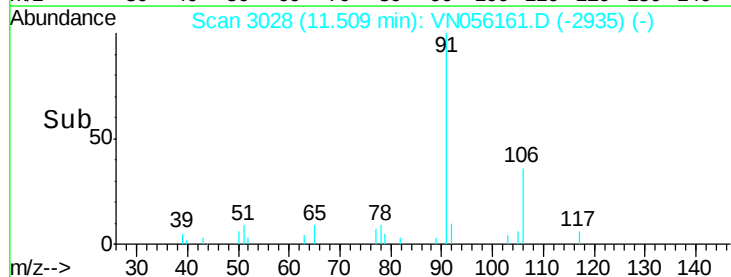
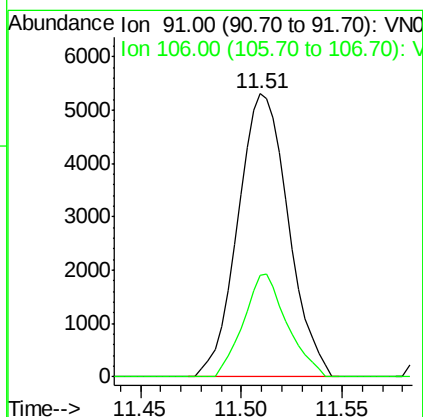
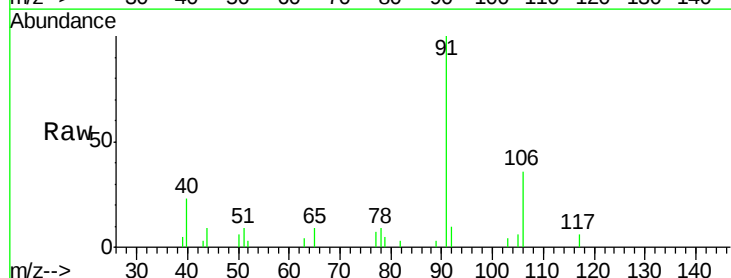
Instrument :
MSVOA_N
ClientSampleId :
I.BLK

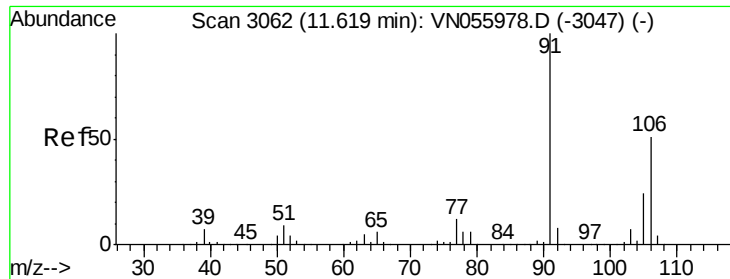
Tot Ion:117 Resp: 454639
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 31.9 25.4 38.0



#67
Ethyl Benzene
Concen: 0.590 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056161.D
Acq: 10 Jun 2019 11:37

Tgt Ion: 91 Resp: 9290
Ion Ratio Lower Upper
91 100
106 35.9 25.1 37.7

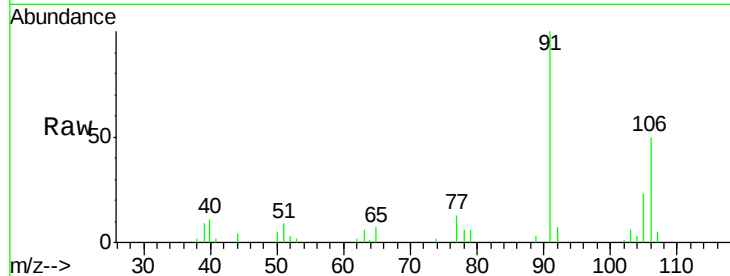




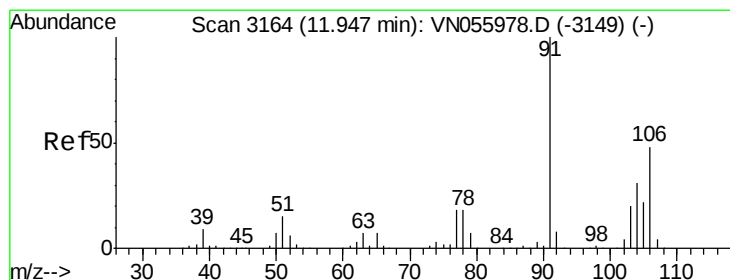
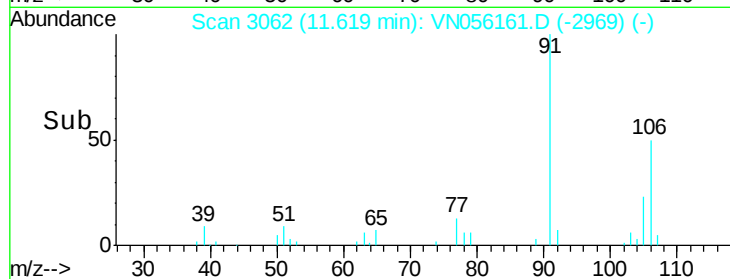
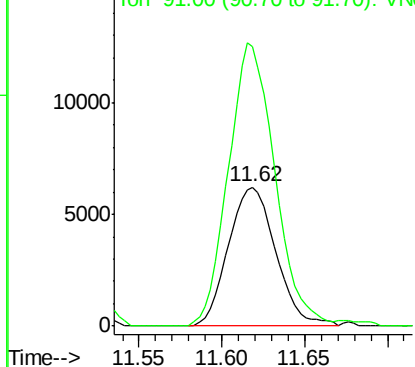
#68
m/p-Xylenes
Concen: 2.057 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056161.D
Acq: 10 Jun 2019 11:37

Instrument :
MSVOA_N
ClientSampled :
I.BLK

Tot Ion:106 Resp: 12361
Ion Ratio Lower Upper
106 100
91 199.6 159.3 238.9

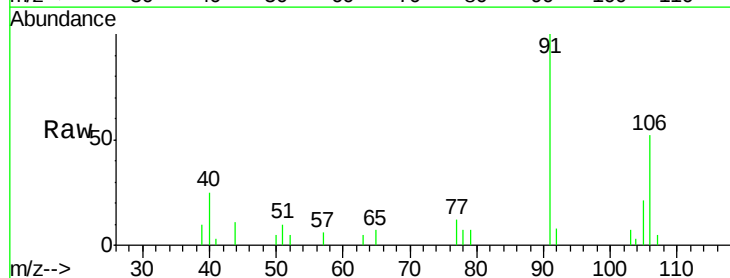


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

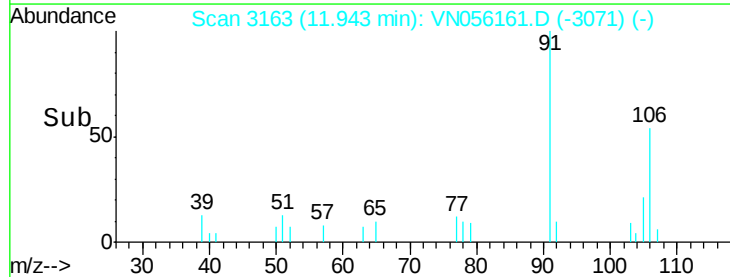
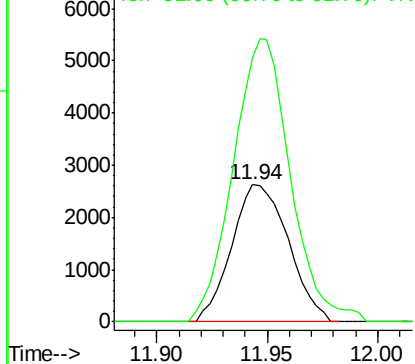


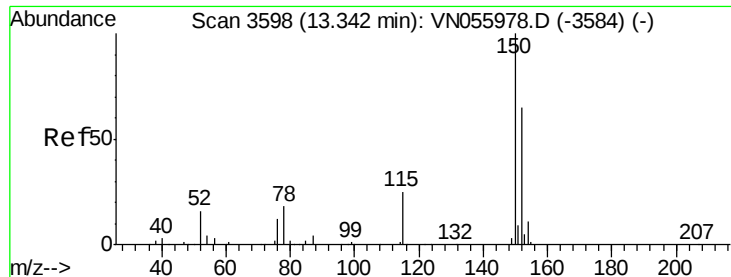
#69
o-Xylene
Concen: 0.793 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN056161.D
Acq: 10 Jun 2019 11:37

Tgt Ion:106 Resp: 4689
Ion Ratio Lower Upper
106 100
91 208.0 104.7 314.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056161.D

Acq: 10 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

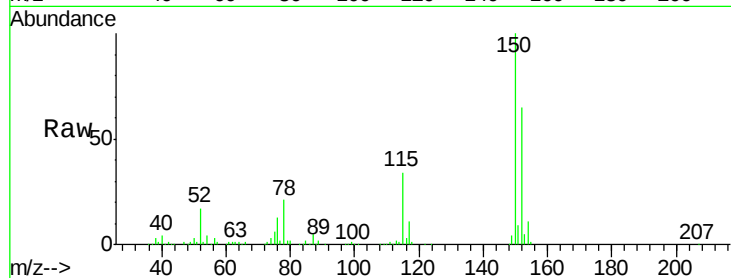
Tot Ion:152 Resp: 142740

Ion Ratio Lower Upper

152 100

115 52.1 27.0 81.0

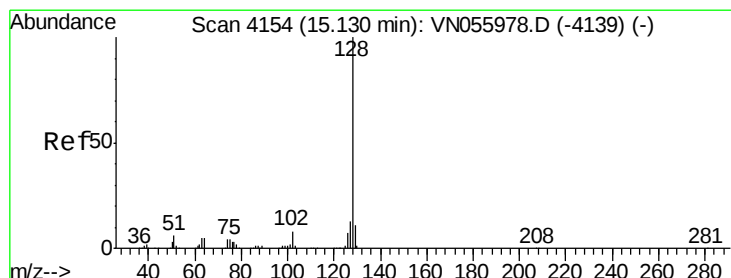
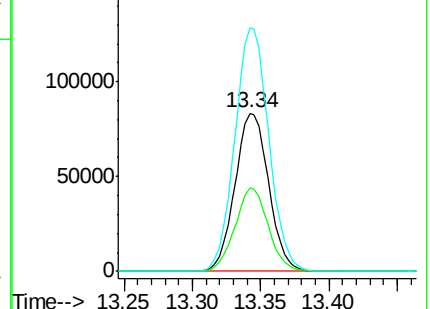
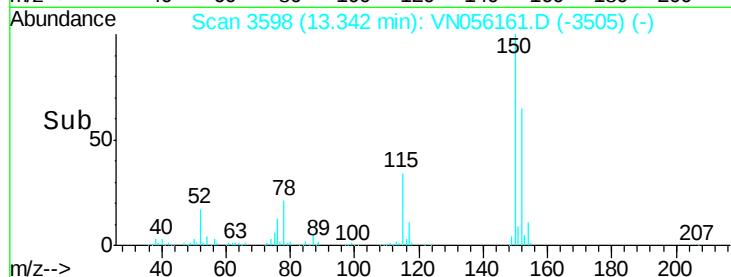
150 155.4 0.0 343.2



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: 4.365 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056161.D

Acq: 10 Jun 2019 11:37

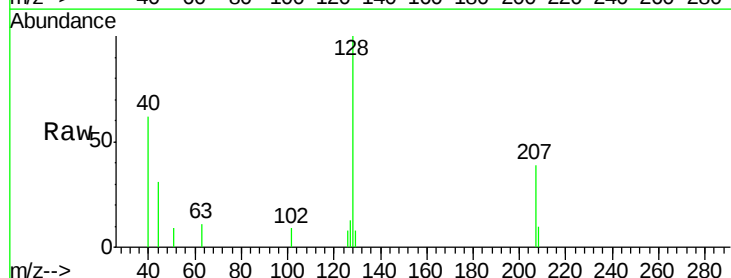
Tgt Ion:128 Resp: 3800

Ion Ratio Lower Upper

128 100

127 6.0 10.3 15.5#

129 10.0 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

