

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054955.D
 Acq On : 4 Apr 2019 18:37
 Operator : JC/SP
 Sample : K2195-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-040319

Quant Time: Apr 05 03:59:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

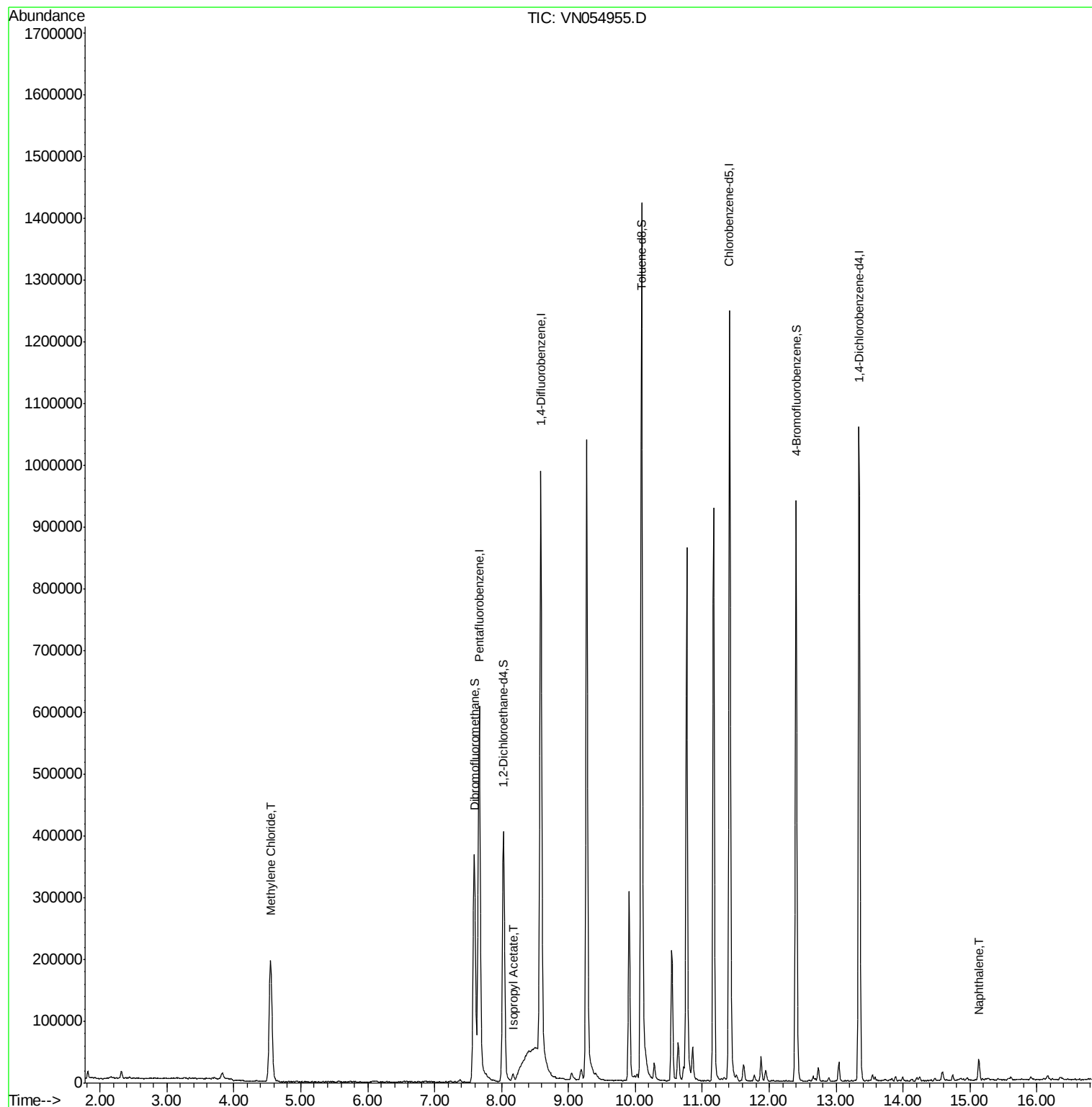
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	504003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	874087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	741203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	281126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	349214	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
35) Dibromofluoromethane	7.59	113	275485	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	10.09	98	1041995	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	12.40	95	322732	44.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.58%	
Target Compounds						
20) Methylene Chloride	4.55	84	135740	22.009	ug/l	98
43) Isopropyl Acetate	8.17	43	13839	1.382	ug/l	97
95) Naphthalene	15.13	128	29153	5.451	ug/l	98

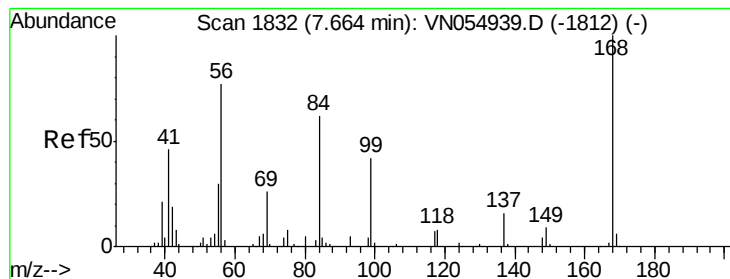
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
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Acq On : 4 Apr 2019 18:37
Operator : JC/SP
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054955.D

Acq: 4 Apr 2019 18:37

Instrument :

MSVOA_N

ClientSampleId :

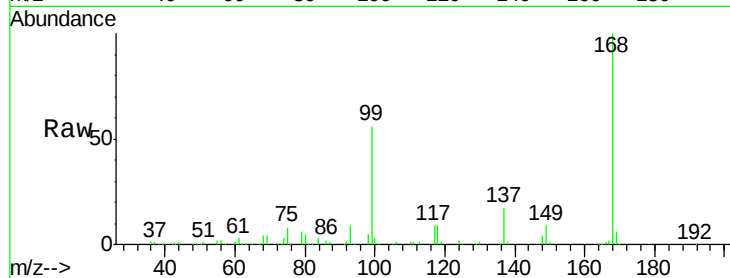
NB-07-040319

Tgt Ion:168 Resp: 504003

Ion Ratio Lower Upper

168 100

99 55.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

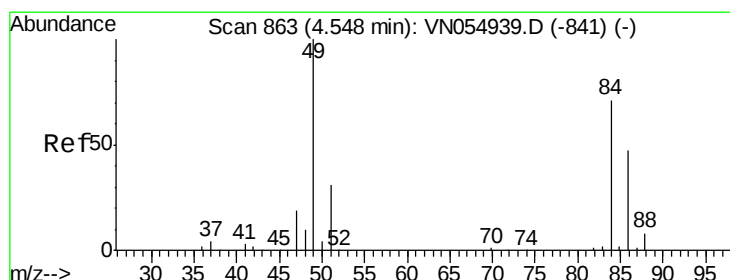
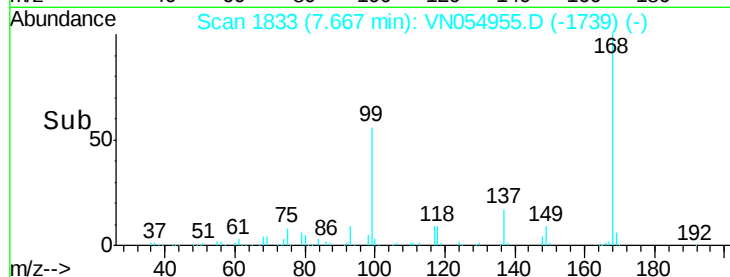
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 22.009 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054955.D

Acq: 4 Apr 2019 18:37

Tgt Ion: 84 Resp: 135740

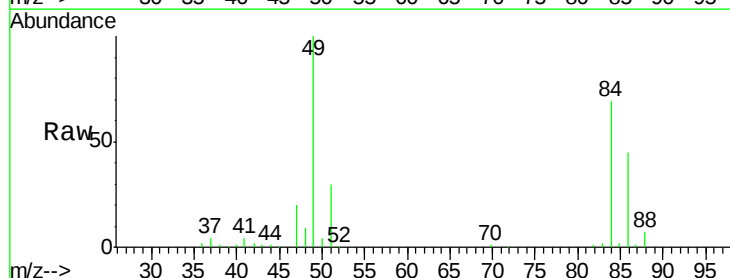
Ion Ratio Lower Upper

84 100

49 144.0 112.1 168.1

51 43.1 34.5 51.7

86 64.4 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

100000

80000

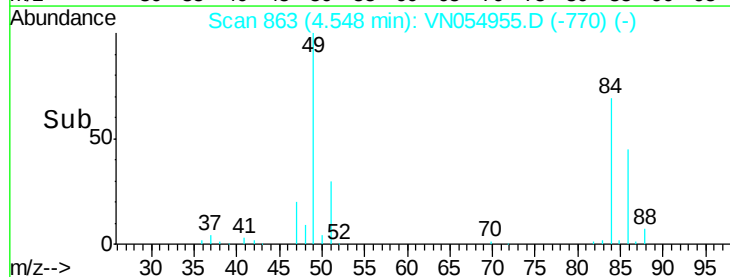
60000

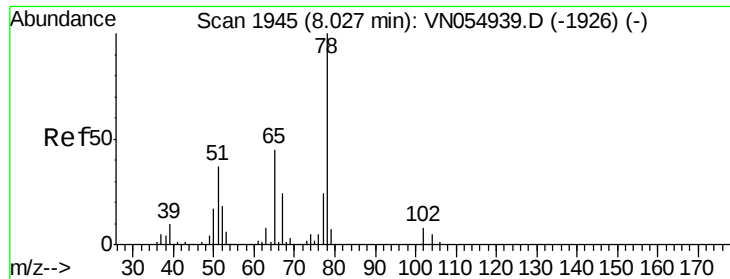
40000

20000

0

Time--> 4.40 4.50 4.60 4.70

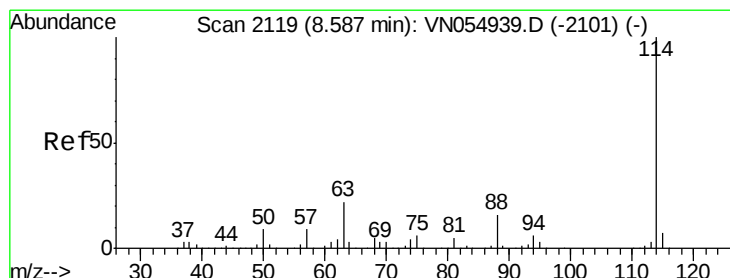
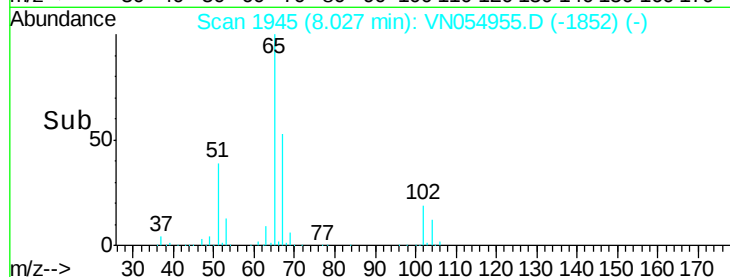
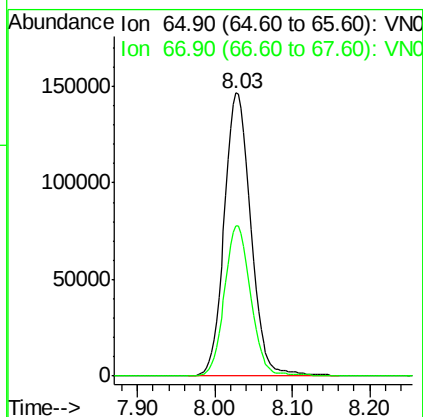
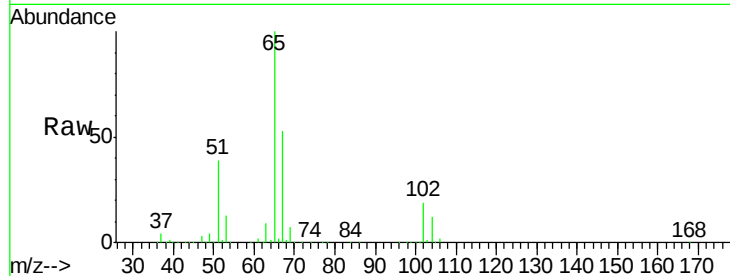




#33
 1,2-Dichloroethane-d4
 Concen: 52.552 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054955.D
 Acq: 4 Apr 2019 18:37

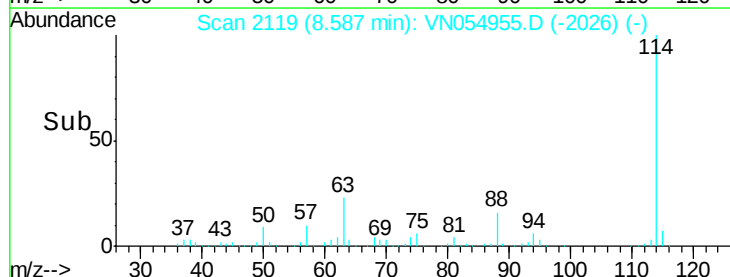
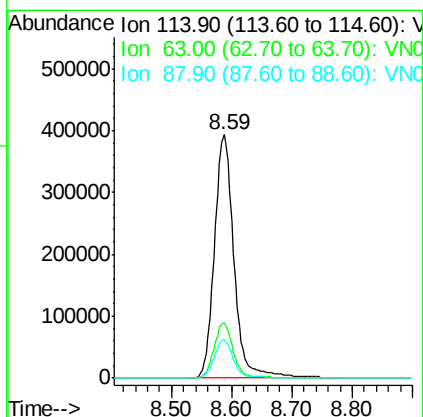
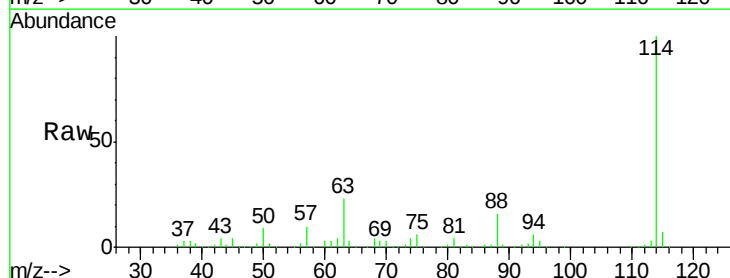
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-040319

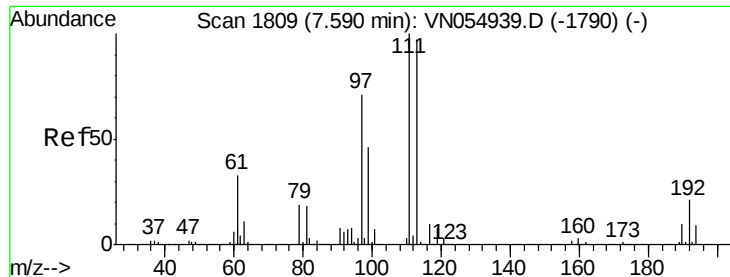
Tgt Ion: 65 Resp: 349214
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054955.D
 Acq: 4 Apr 2019 18:37

Tgt Ion: 114 Resp: 874087
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 44.6
 88 15.8 0.0 32.0

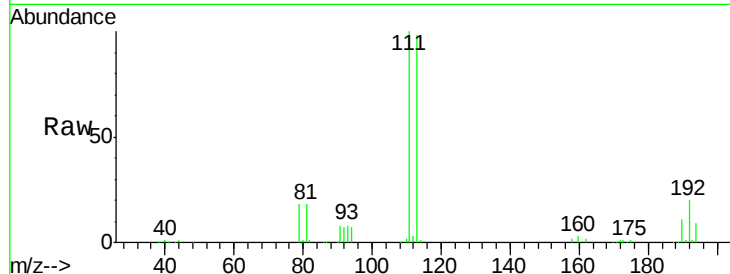




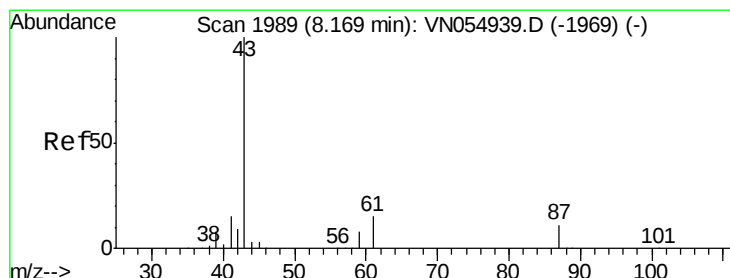
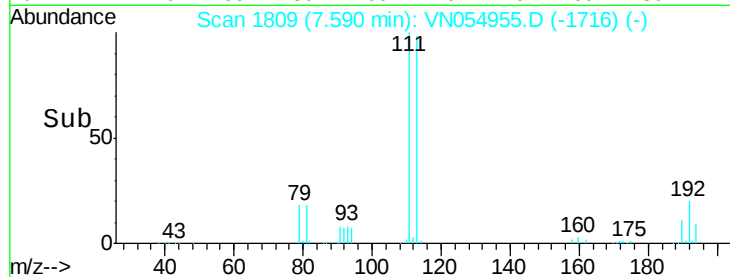
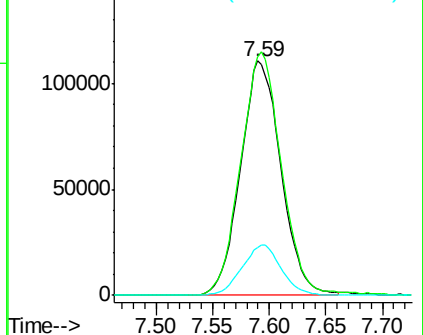
#35
 Dibromofluoromethane
 Concen: 48.416 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054955.D
 Acq: 4 Apr 2019 18:37

Instrument :
 MSVOA_N
 ClientSampled :
 NB-07-040319

Tgt Ion: 113 Resp: 275485
 Ion Ratio Lower Upper
 113 100
 111 104.9 81.0 121.4
 192 20.9 16.5 24.7

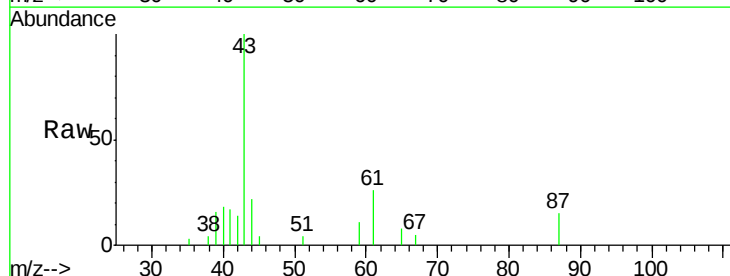


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

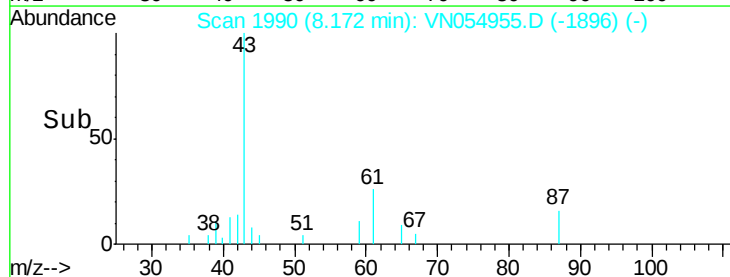
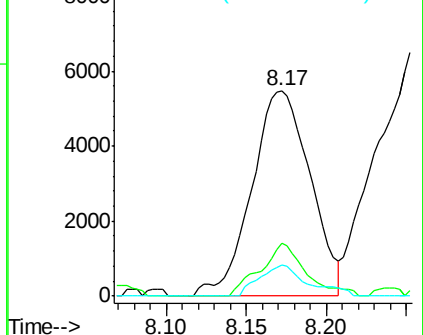


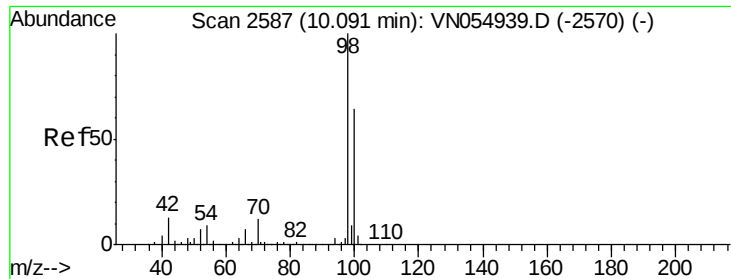
#43
 Isopropyl Acetate
 Concen: 1.382 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054955.D
 Acq: 4 Apr 2019 18:37

Tgt Ion: 43 Resp: 13839
 Ion Ratio Lower Upper
 43 100
 61 20.0 14.4 21.6
 87 11.0 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.263 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054955.D

Acq: 4 Apr 2019 18:37

Instrument :

MSVOA_N

ClientSampleId :

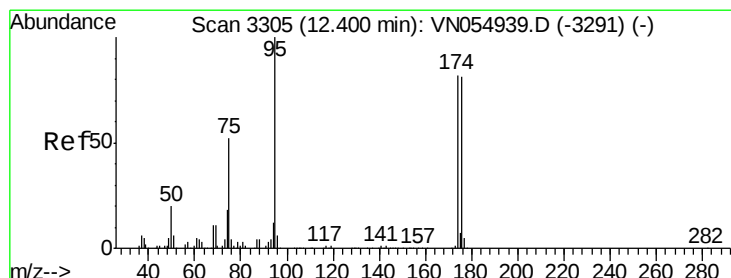
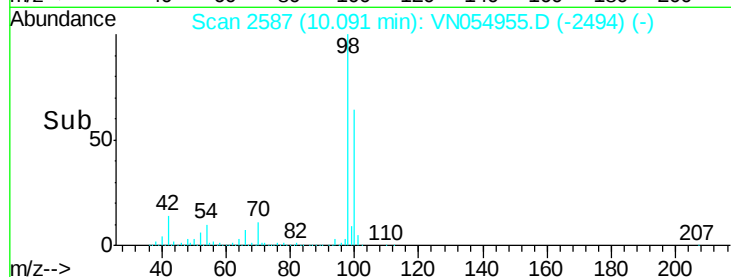
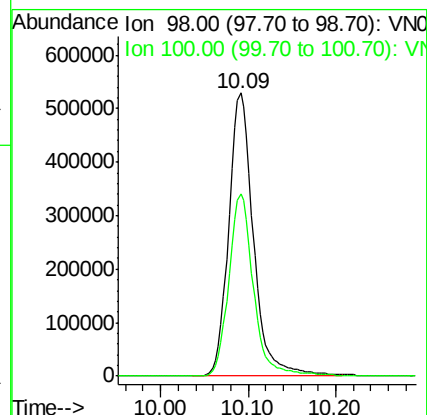
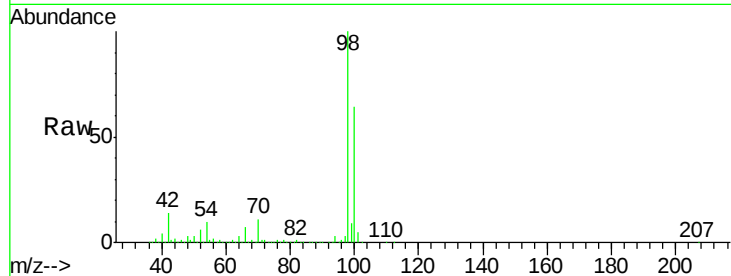
NB-07-040319

Tgt Ion: 98 Resp: 1041995

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 44.793 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054955.D

Acq: 4 Apr 2019 18:37

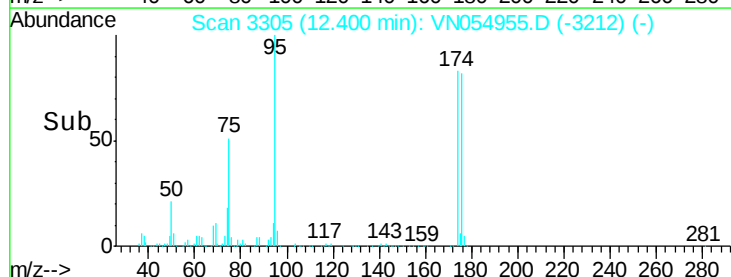
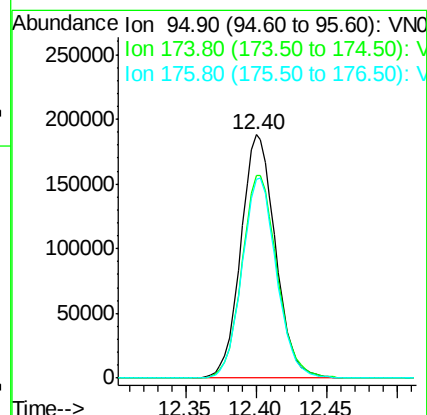
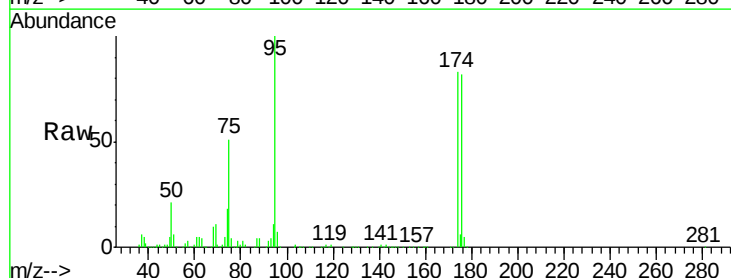
Tgt Ion: 95 Resp: 322732

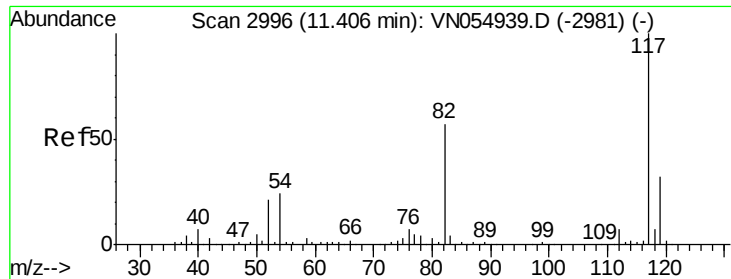
Ion Ratio Lower Upper

95 100

174 85.0 0.0 166.2

176 82.1 0.0 163.2

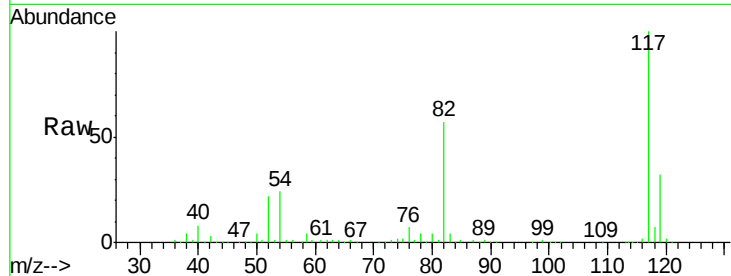




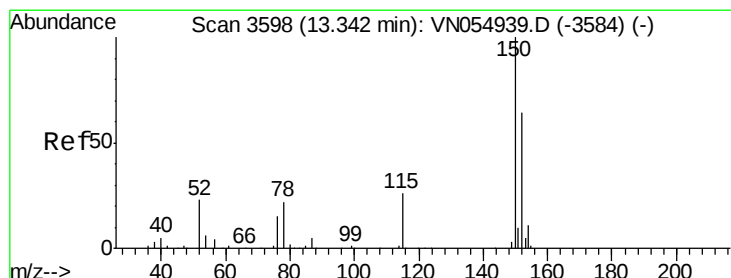
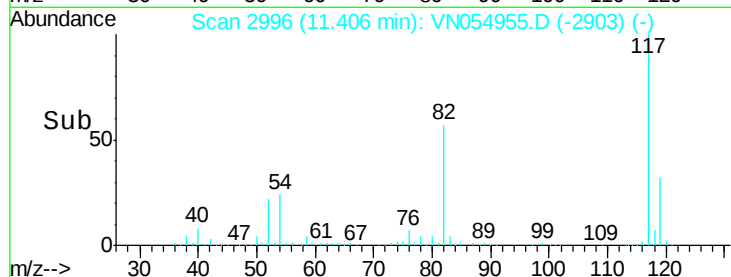
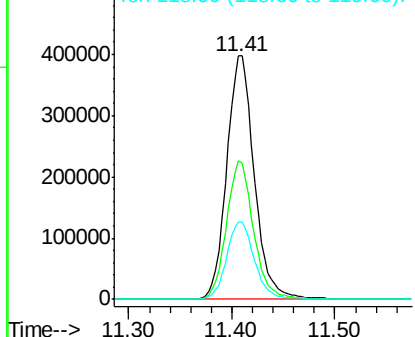
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN054955.D
 Acq: 4 Apr 2019 18:37

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-040319

Tgt Ion:117 Resp: 741203
 Ion Ratio Lower Upper
 117 100
 82 57.0 45.3 67.9
 119 31.9 25.8 38.6

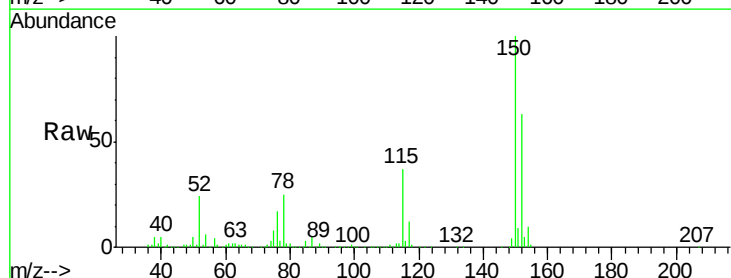


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V

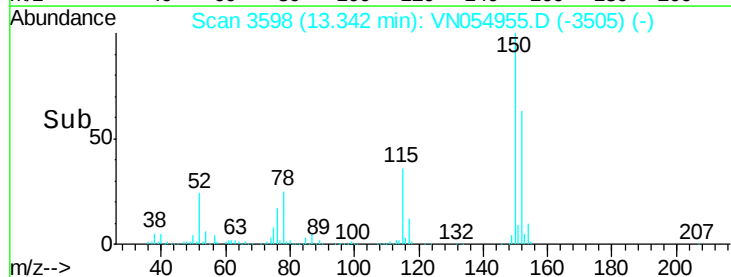
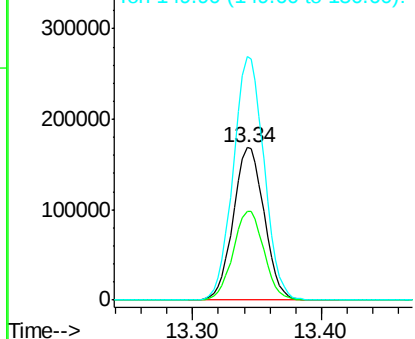


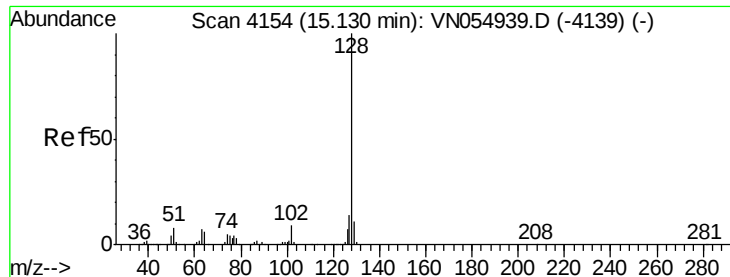
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN054955.D
 Acq: 4 Apr 2019 18:37

Tgt Ion:152 Resp: 281126
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.9 86.8
 150 159.0 0.0 345.4



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: 5.451 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054955.D

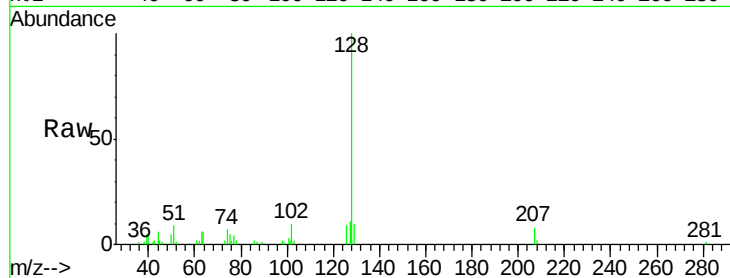
Acq: 4 Apr 2019 18:37

Instrument :

MSVOA_N

ClientSampleId :

NB-07-040319



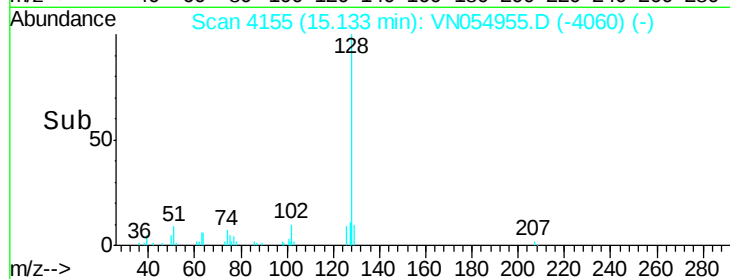
Tgt Ion:128 Resp: 29153

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 10.4 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

