

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054607.D
 Acq On : 23 Mar 2019 16:27
 Operator : JC/SP
 Sample : K1912-13 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M3-T4-UV(POST-HYPO)

Quant Time: Mar 25 04:20:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

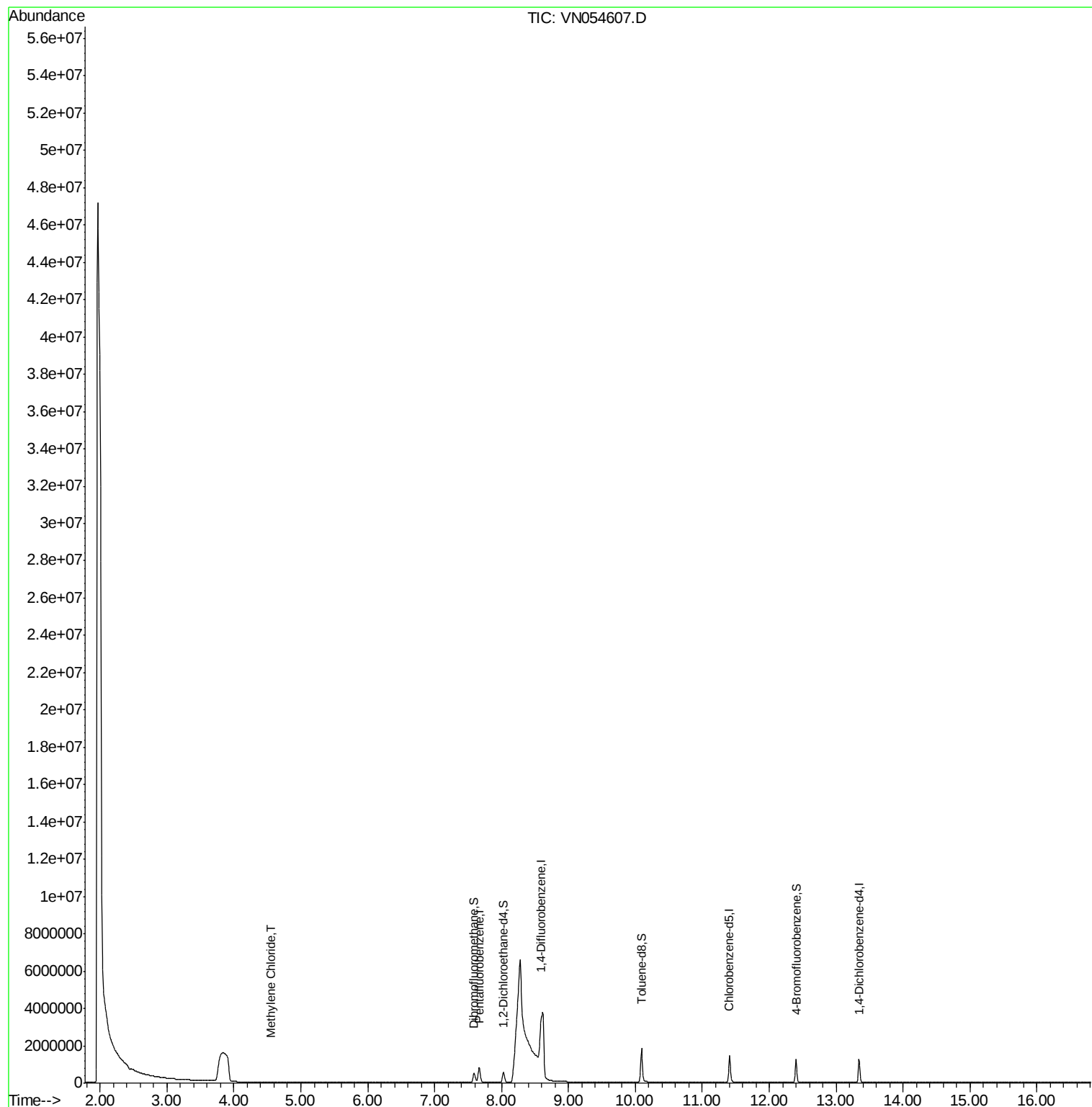
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	638259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1027819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	864870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	333926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	454129	57.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.40%	
35) Dibromofluoromethane	7.59	113	354315	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
50) Toluene-d8	10.09	98	1336177	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
62) 4-Bromofluorobenzene	12.40	95	427877	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
Target Compounds						
20) Methylene Chloride	4.55	84	5972	0.849	ug/l #	81

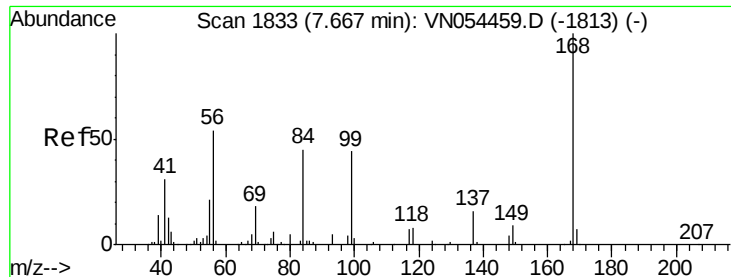
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 22 02:09:07 2019
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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: VN054607.D

Acq: 23 Mar 2019 16:27

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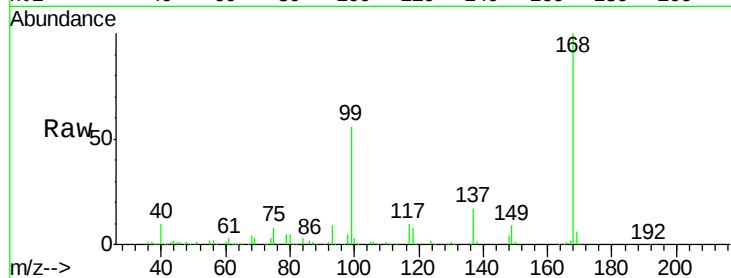
M3-T4-UV(POST-HYPO)

Tot Ion:168 Resp: 638259

Ion Ratio Lower Upper

168 100

99 55.5 37.1 55.7



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

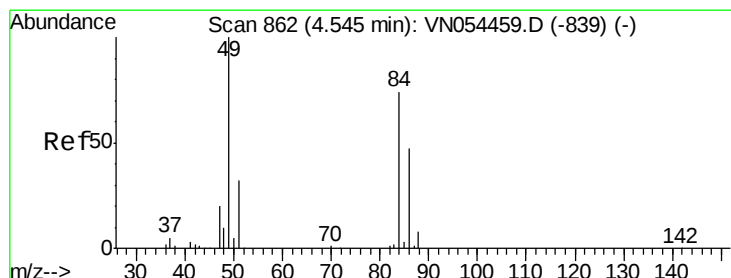
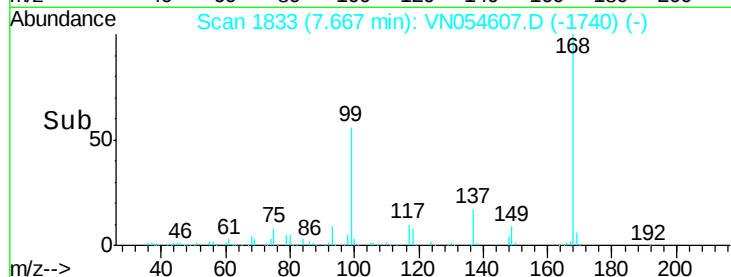
0

Time-->

7.60

7.70

7.80



#20

Methylene Chloride

Concen: 0.849 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN054607.D

Acq: 23 Mar 2019 16:27

Tgt Ion: 84 Resp: 5972

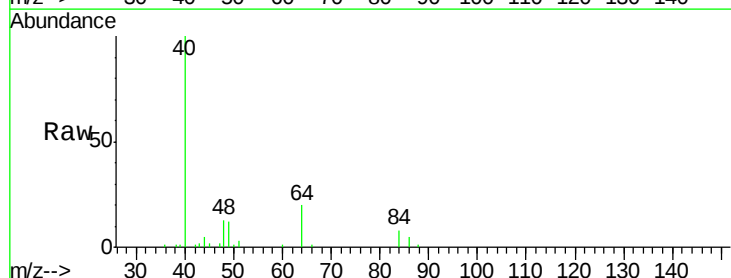
Ion Ratio Lower Upper

84 100

49 140.8 89.7 134.5#

51 41.8 28.2 42.4

86 56.7 50.8 76.2



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

4000

3000

2000

1000

0

Time-->

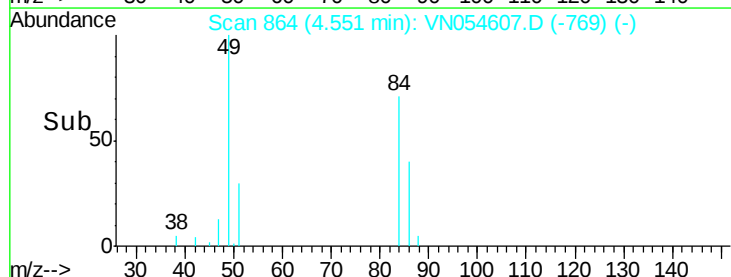
4.45

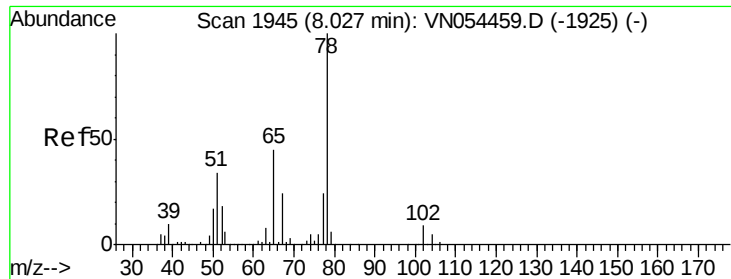
4.50

4.55

4.60

4.65

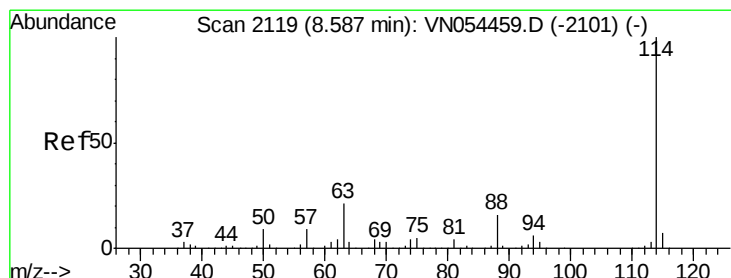
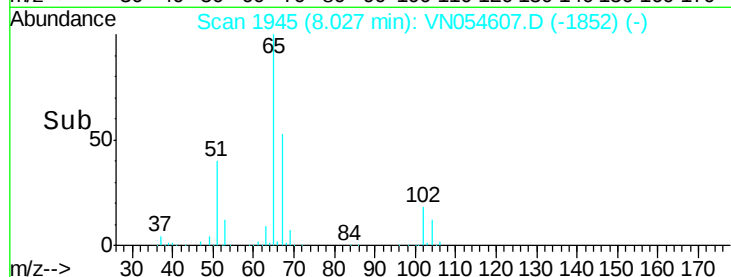
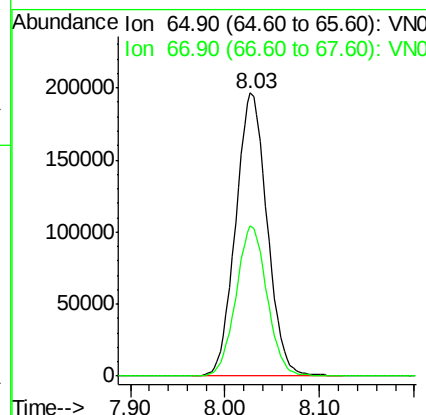
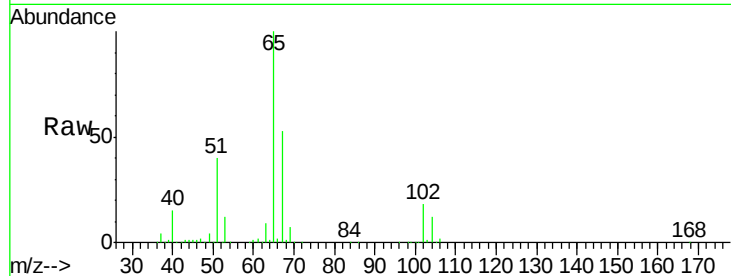




#33
 1,2-Dichloroethane-d4
 Concen: 57.203 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054607.D
 Acq: 23 Mar 2019 16:27

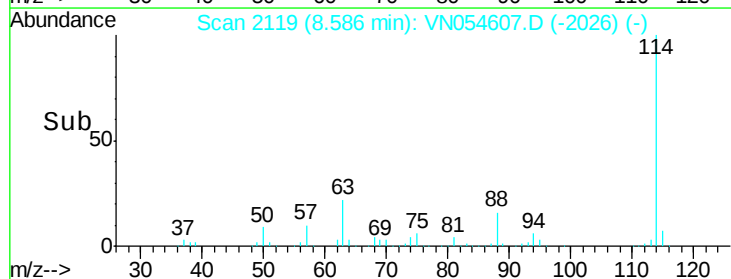
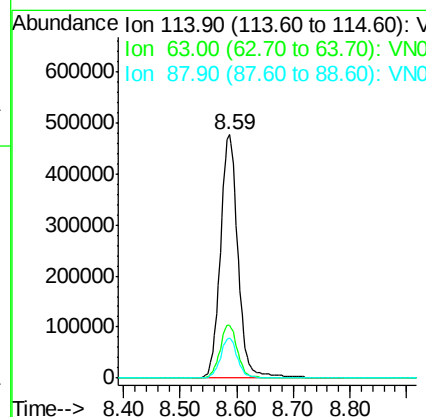
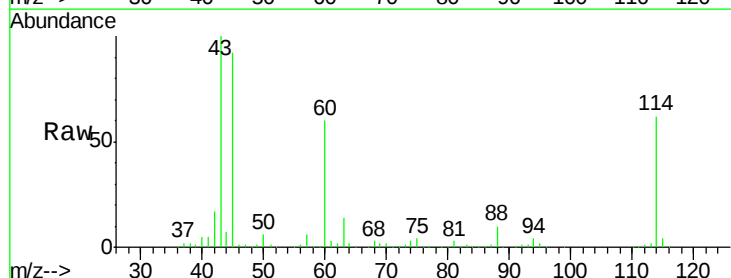
Instrument :
 MSVOA_N
 ClientSampleId :
 M3-T4-UV(POST-HYPO)

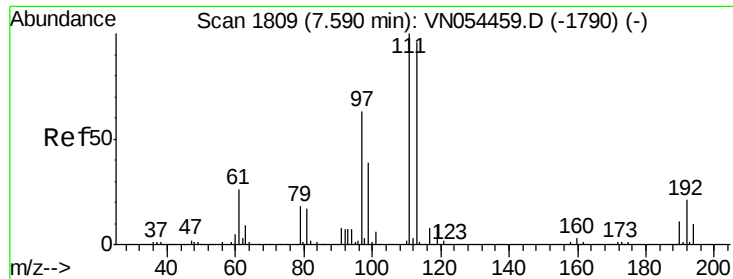
Tot Ion: 65 Resp: 454129
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054607.D
 Acq: 23 Mar 2019 16:27

Tgt Ion: 114 Resp: 1027819
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 35.2
 88 16.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.508 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054607.D

Acq: 23 Mar 2019 16:27

Instrument :

MSVOA_N

ClientSampleId :

M3-T4-UV(POST-HYPO)

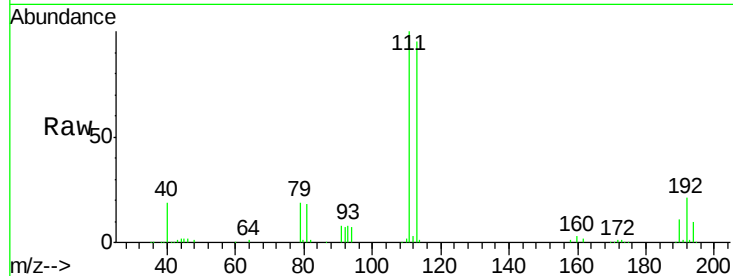
Tot Ion:113 Resp: 354315

Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

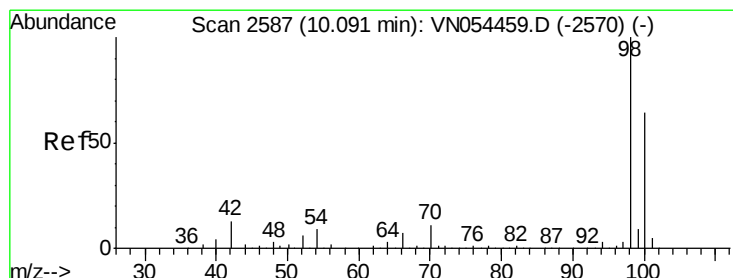
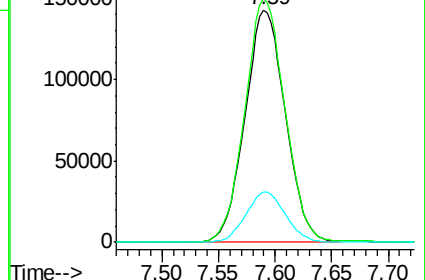
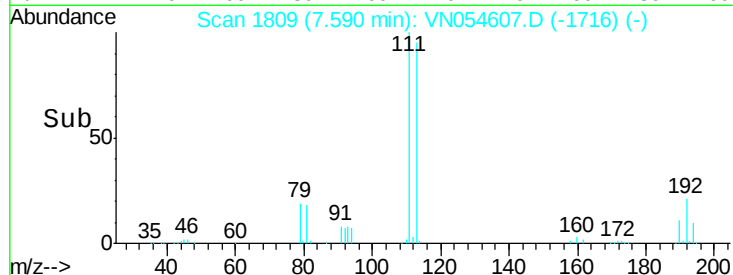
192 21.2 19.2 28.8



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: 53.676 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054607.D

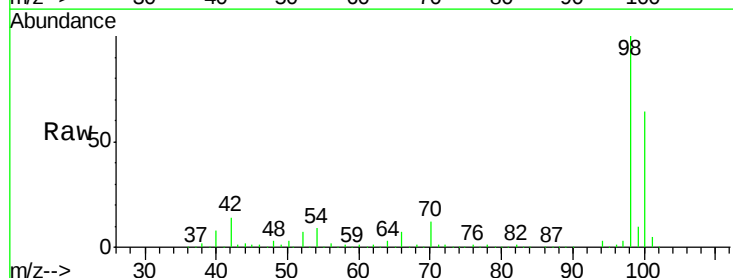
Acq: 23 Mar 2019 16:27

Tgt Ion: 98 Resp: 1336177

Ion Ratio Lower Upper

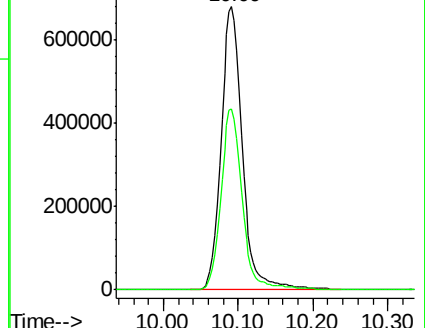
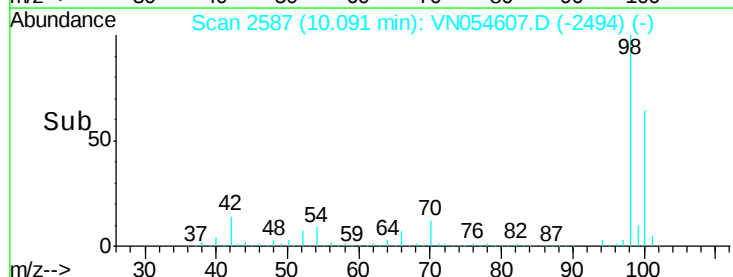
98 100

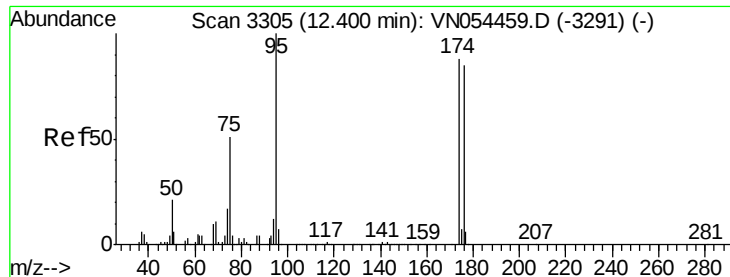
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.512 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054607.D

Acq: 23 Mar 2019 16:27

Instrument :

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ClientSampleId :

M3-T4-UV(POST-HYPO)

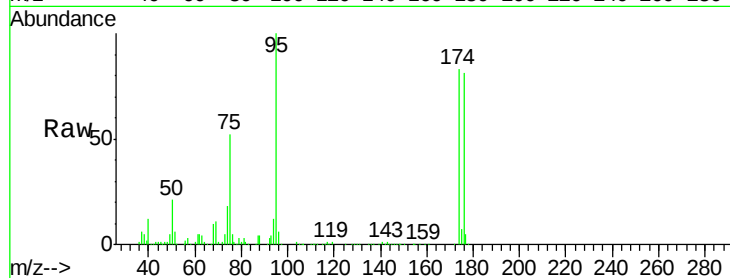
Tot Ion: 95 Resp: 427877

Ion Ratio Lower Upper

95 100

174 83.9 0.0 191.0

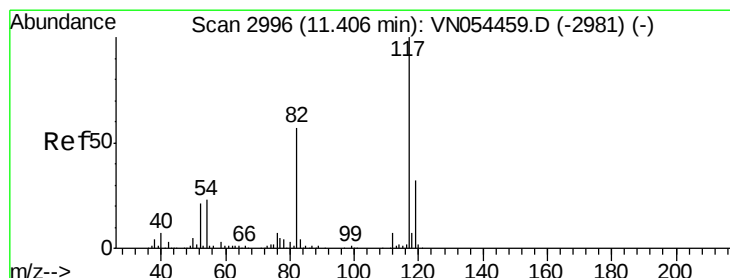
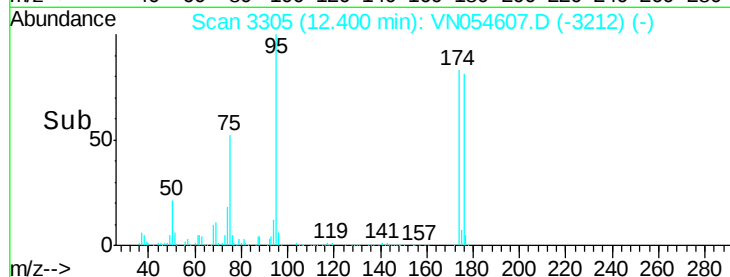
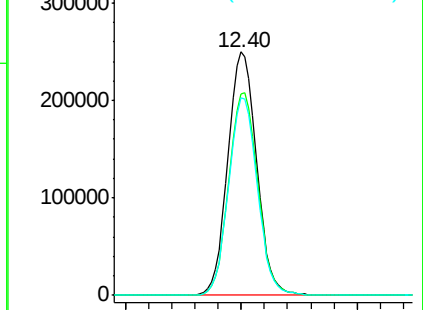
176 81.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054607.D

Acq: 23 Mar 2019 16:27

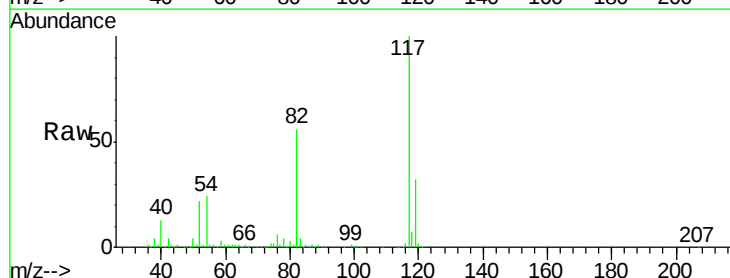
Tgt Ion: 117 Resp: 864870

Ion Ratio Lower Upper

117 100

82 56.2 40.0 60.0

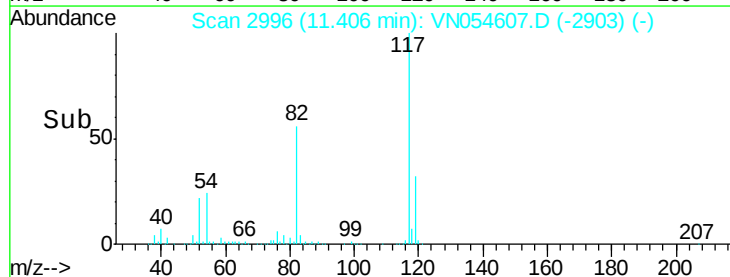
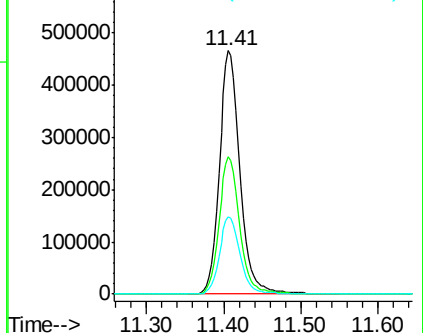
119 31.9 25.8 38.6

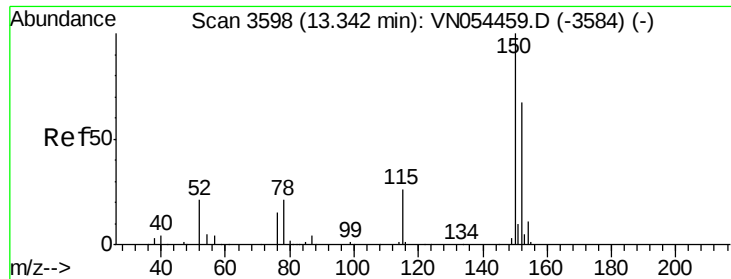


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054607.D

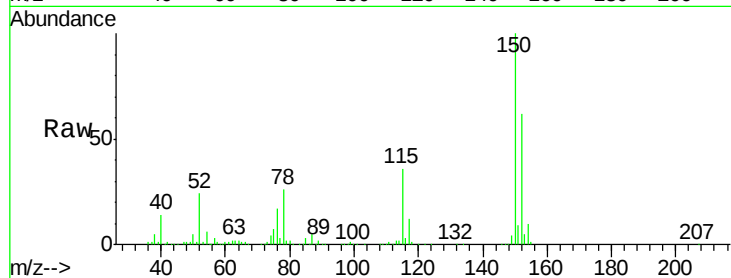
Acq: 23 Mar 2019 16:27

Instrument :

MSVOA_N

ClientSampleId :

M3-T4-UV(POST-HYPO)



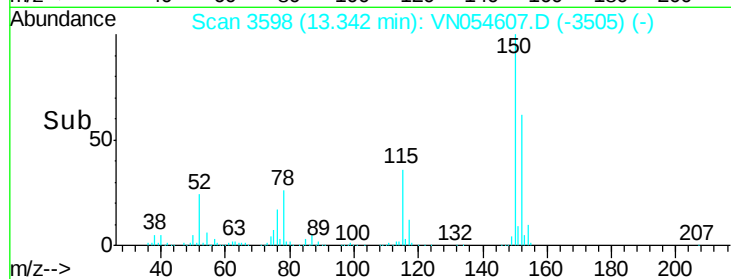
Tot Ion:152 Resp: 333926

Ion Ratio Lower Upper

152 100

115 58.3 27.2 81.6

150 158.8 0.0 349.2



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

