

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054214.D
 Acq On : 13 Mar 2019 16:07
 Operator : JC/SP
 Sample : K1842-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-MW-10_030719

Quant Time: Mar 14 07:23:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

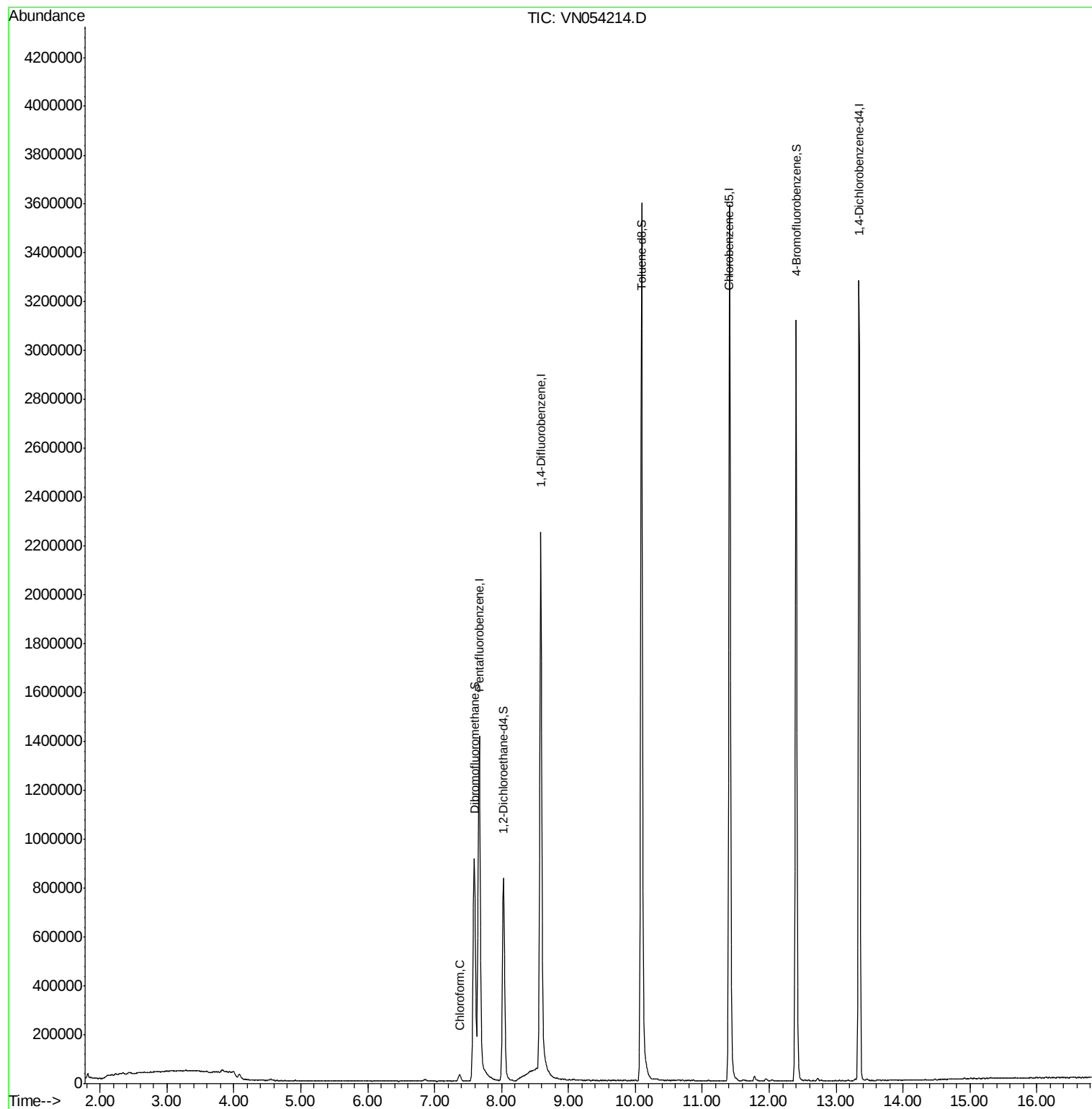
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1388195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2298319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2371178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	990773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	745598	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
35) Dibromofluoromethane	7.59	113	704302	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
50) Toluene-d8	10.09	98	2841363	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.40	95	1057351	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
Target Compounds						
30) Chloroform	7.37	83	29891	1.208	ug/l	Qvalue 88

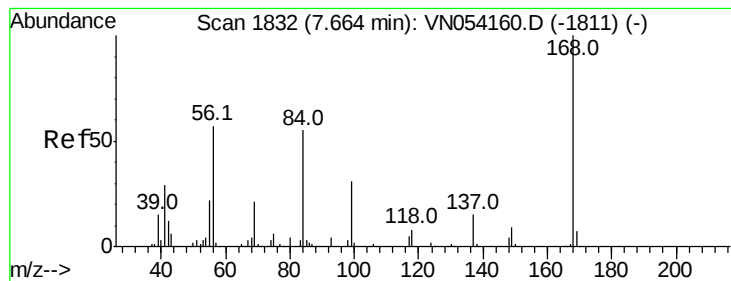
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\
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QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054214.D

Acq: 13 Mar 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

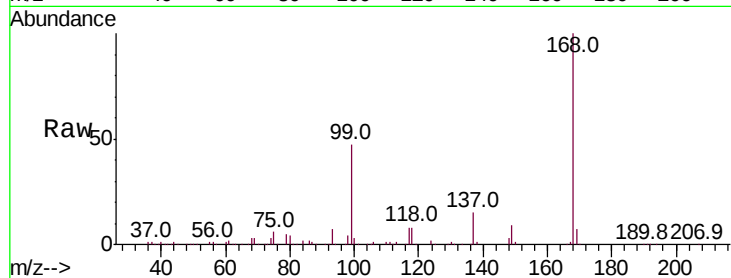
C-MW-10_030719

Tot Ion:168 Resp: 1388195

Ion Ratio Lower Upper

168 100

99 47.4 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

600000

500000

400000

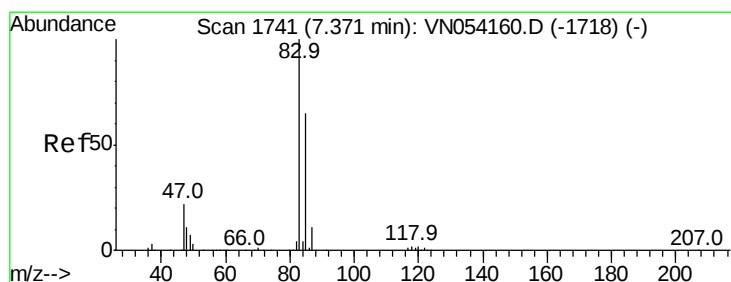
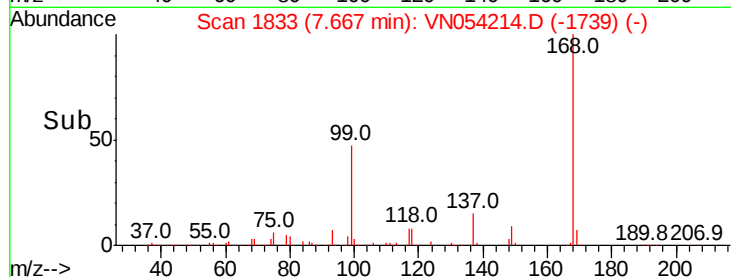
300000

200000

100000

0

Time-->



#30

Chloroform

Concen: 1.208 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054214.D

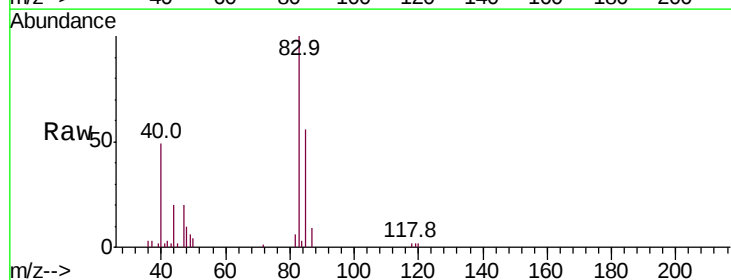
Acq: 13 Mar 2019 16:07

Tgt Ion: 83 Resp: 29891

Ion Ratio Lower Upper

83 100

85 56.1 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

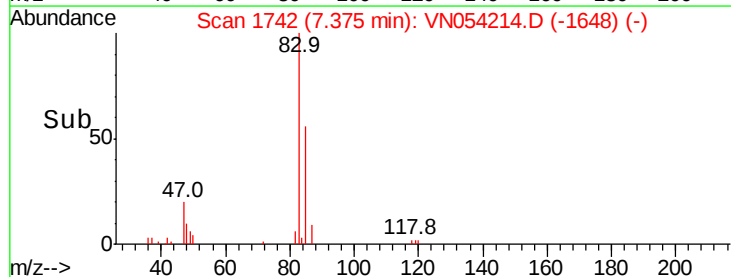
7.37

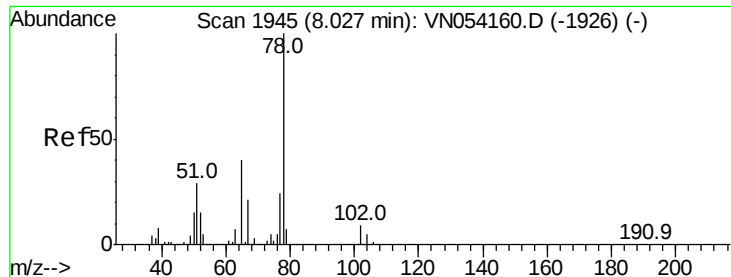
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.574 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054214.D

Acq: 13 Mar 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

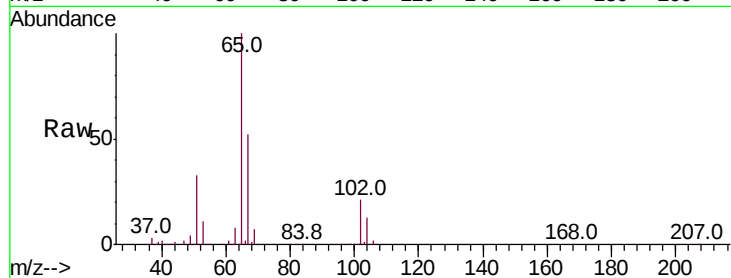
C-MW-10_030719

Tot Ion: 65 Resp: 745598

Ion Ratio Lower Upper

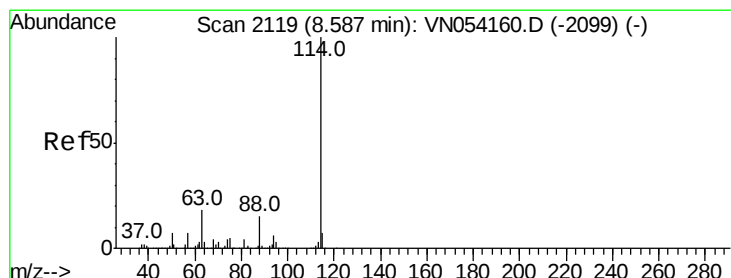
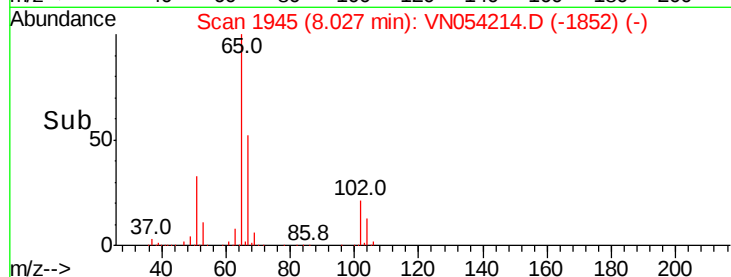
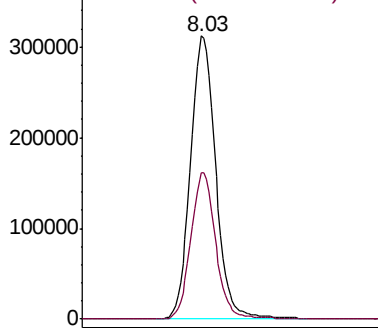
65 100

67 51.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054214.D

Acq: 13 Mar 2019 16:07

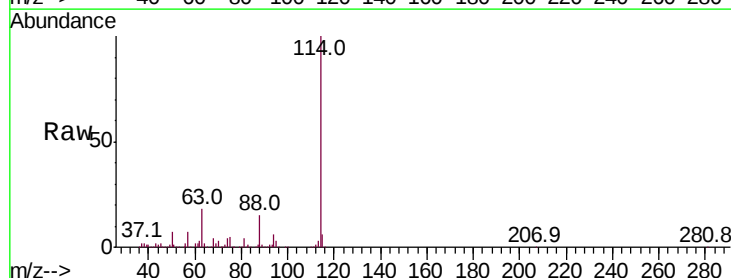
Tgt Ion:114 Resp: 2298319

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

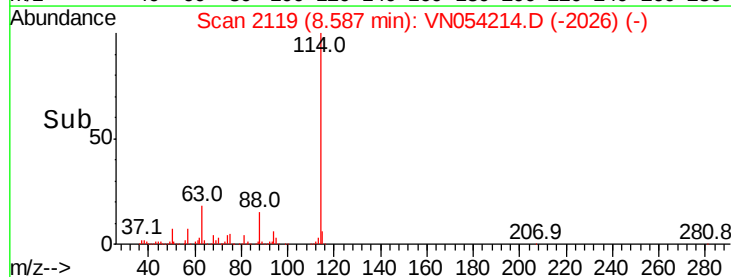
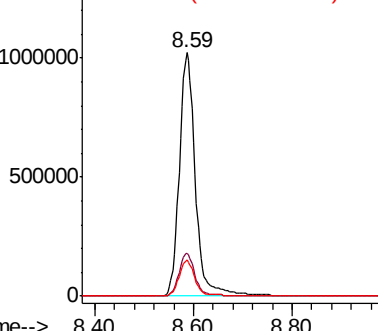
88 14.7 0.0 30.2

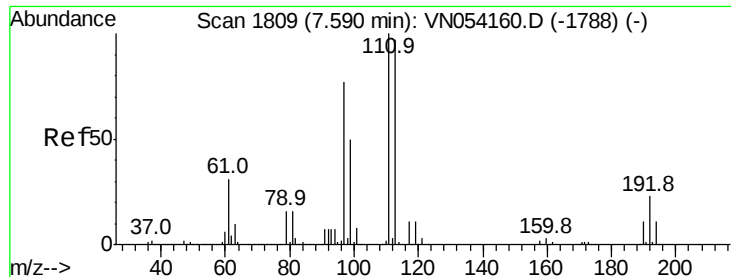


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 47.513 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054214.D

Acq: 13 Mar 2019 16:07

Instrument :

MSVOA_N

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C-MW-10_030719

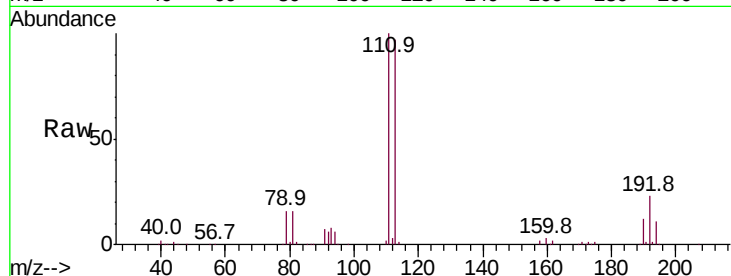
Tot Ion:113 Resp: 704302

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

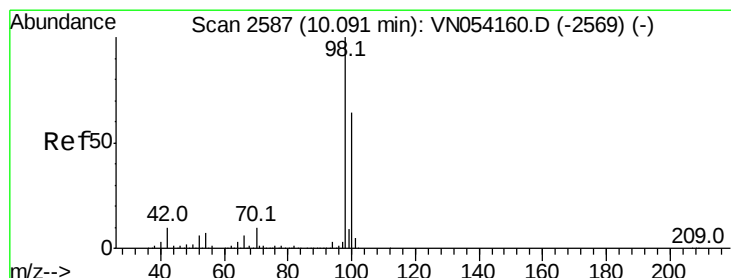
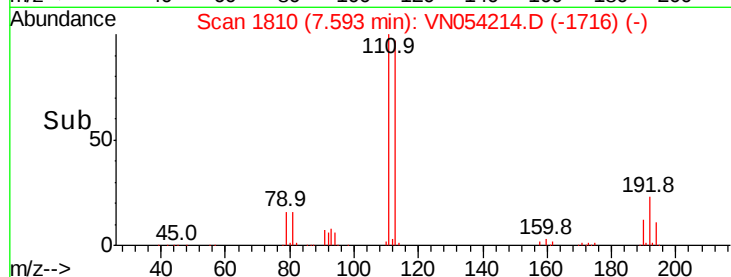
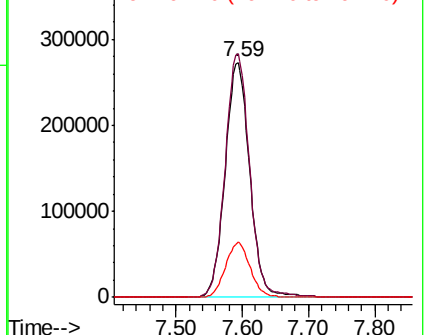
192 23.5 19.2 28.8



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: 51.902 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054214.D

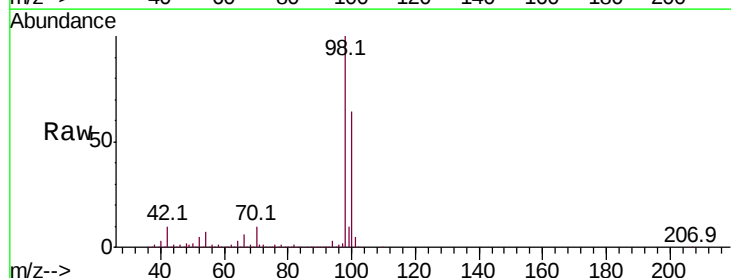
Acq: 13 Mar 2019 16:07

Tgt Ion: 98 Resp: 2841363

Ion Ratio Lower Upper

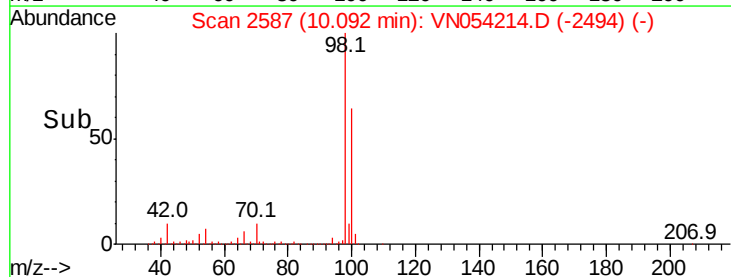
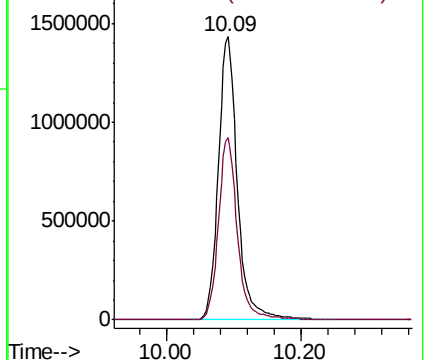
98 100

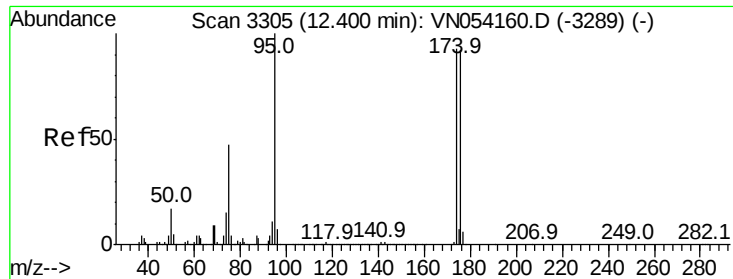
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 55.200 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054214.D

Acq: 13 Mar 2019 16:07

Instrument :

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ClientSampleId :

C-MW-10_030719

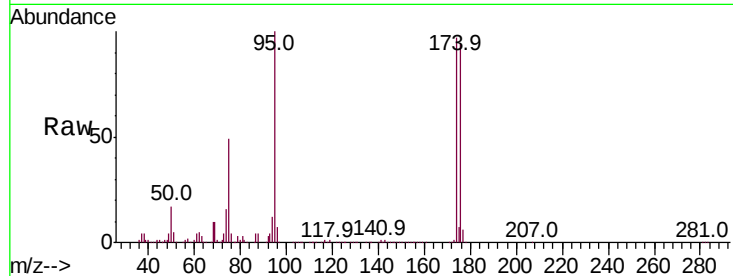
Tot Ion: 95 Resp: 1057351

Ion Ratio Lower Upper

95 100

174 98.3 0.0 191.0

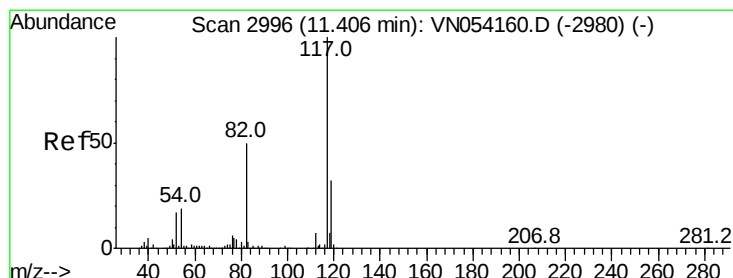
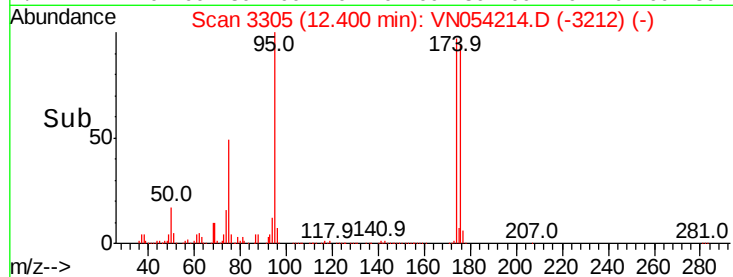
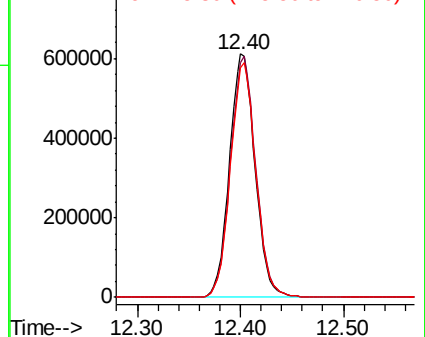
176 95.7 0.0 187.4



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: VN054214.D

Acq: 13 Mar 2019 16:07

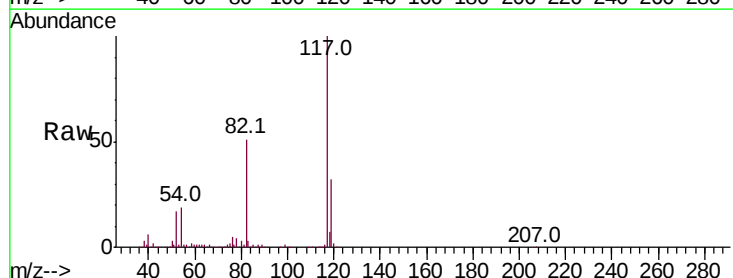
Tgt Ion: 117 Resp: 2371178

Ion Ratio Lower Upper

117 100

82 51.0 40.0 60.0

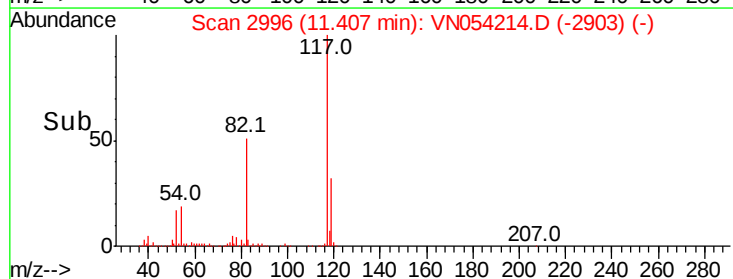
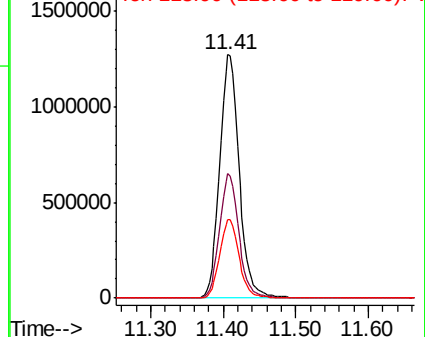
119 32.4 25.8 38.6

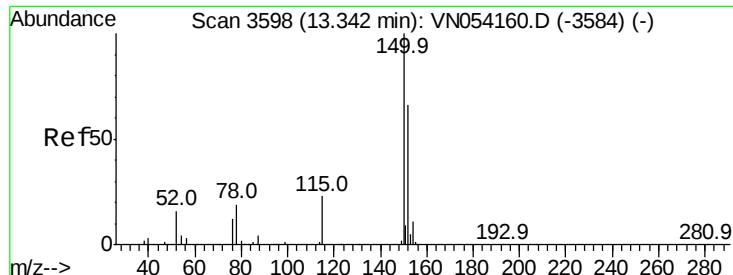


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054214.D

Acq: 13 Mar 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

C-MW-10_030719

Tot Ion:152 Resp: 990773

Ion Ratio Lower Upper

152 100

115 54.9 27.2 81.6

150 155.2 0.0 349.2

