

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056287.D
 Acq On : 13 Jun 2019 17:30
 Operator : JC/SP
 Sample : K3345-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-MW-7_061119

Quant Time: Jun 14 02:05:08 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

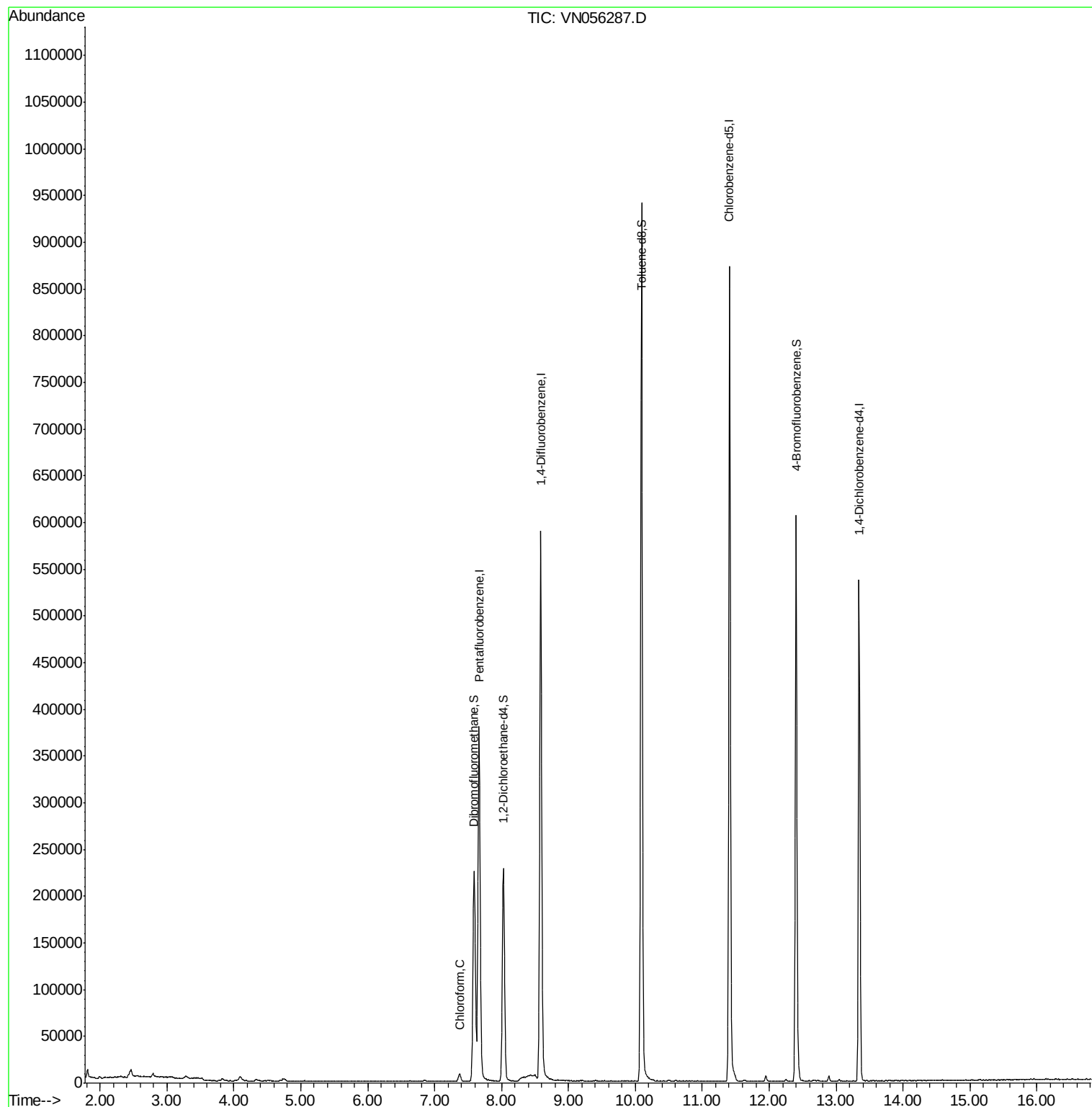
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	341425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	562727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	553233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	163734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	192437	56.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.54%	
35) Dibromofluoromethane	7.59	113	174942	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.09	98	701309	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.40	95	221922	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
Target Compounds						
30) Chloroform	7.37	83	9316	1.716	ug/l	Qvalue 89

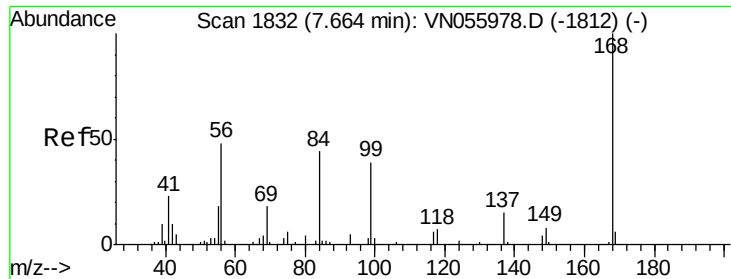
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061319\
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Quant Method : Z:\V0ASRV\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: VN056287.D

Acq: 13 Jun 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

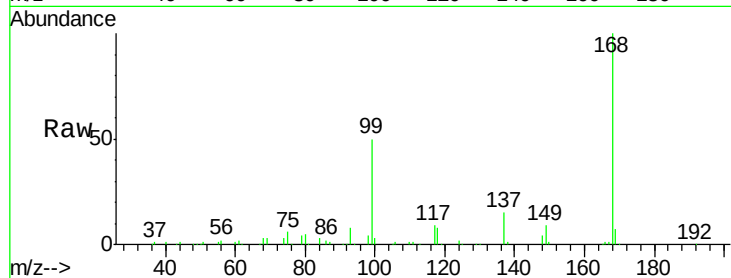
C-MW-7_061119

Tot Ion:168 Resp: 341425

Ion Ratio Lower Upper

168 100

99 49.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

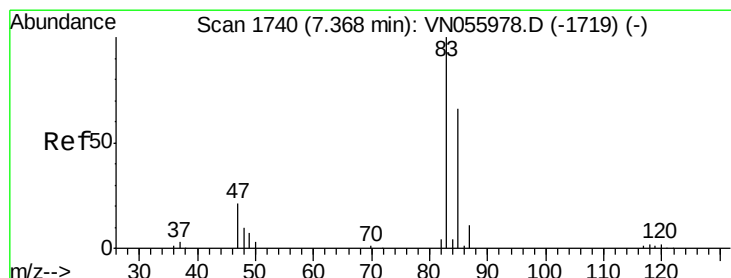
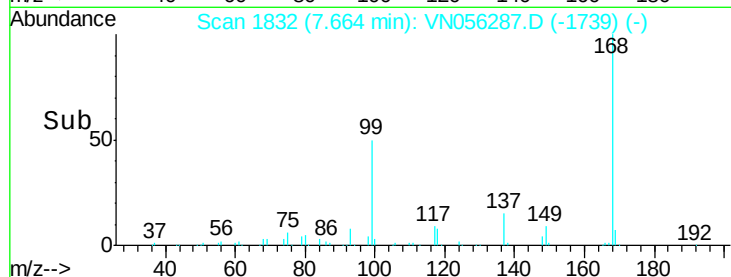
100000

50000

0

7.60 7.70 7.80

Time-->



#30

Chloroform

Concen: 1.716 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VN056287.D

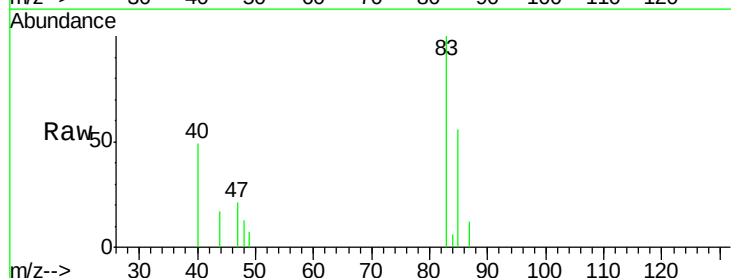
Acq: 13 Jun 2019 17:30

Tgt Ion: 83 Resp: 9316

Ion Ratio Lower Upper

83 100

85 56.3 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.37

4000

3000

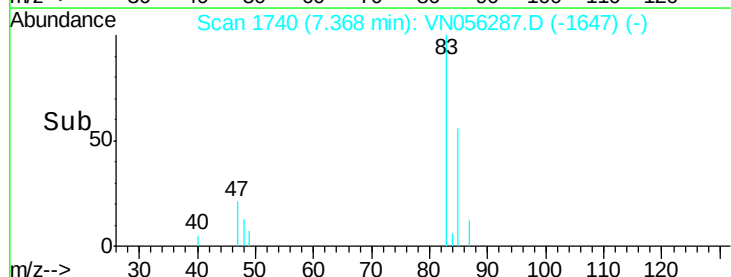
2000

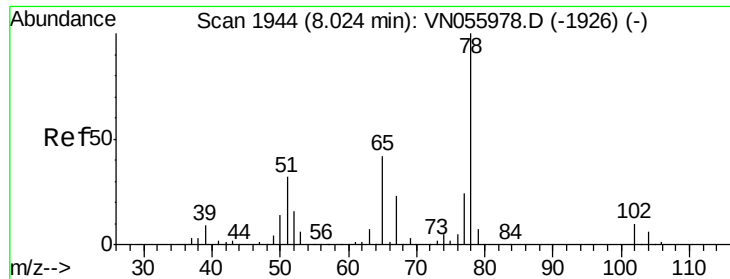
1000

0

7.30 7.35 7.40 7.45

Time-->

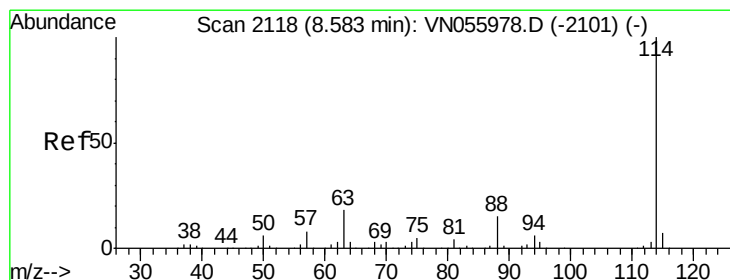
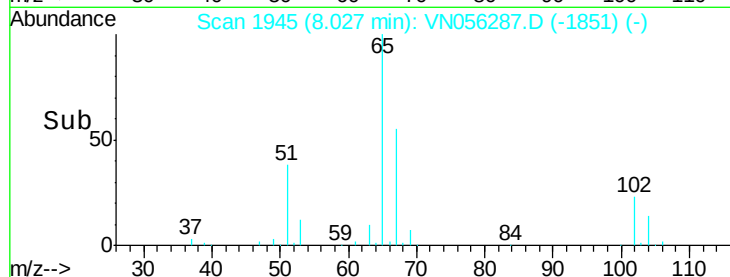
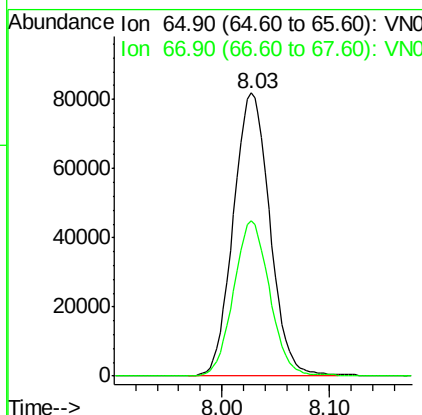
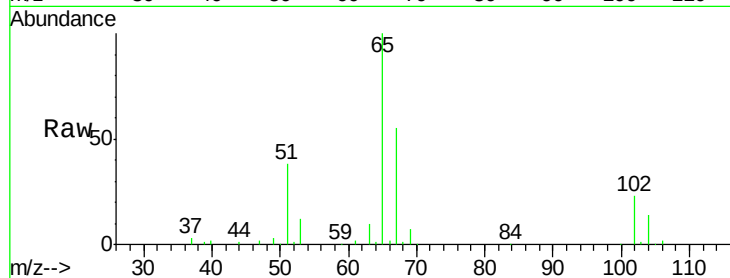




#33
 1,2-Dichloroethane-d4
 Concen: 56.765 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056287.D
 Acq: 13 Jun 2019 17:30

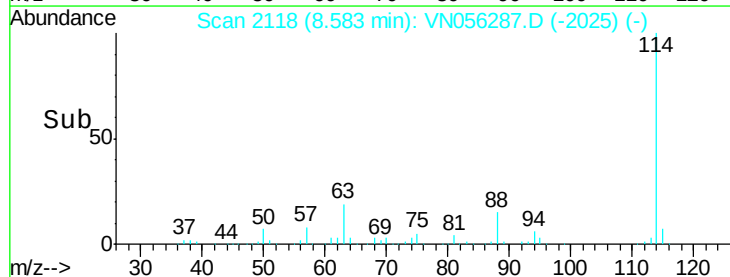
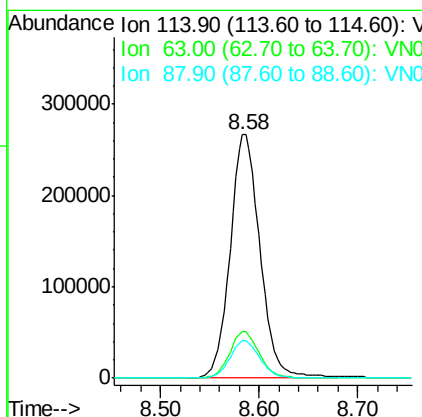
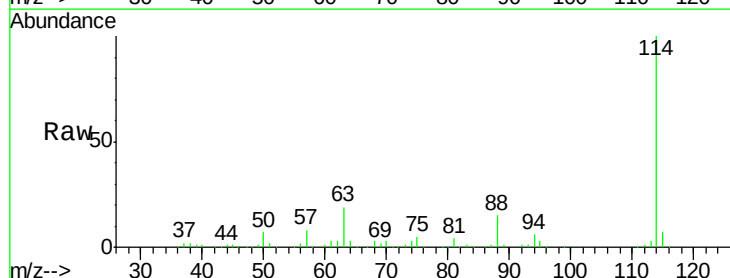
Instrument :
 MSVOA_N
 ClientSampleId :
 C-MW-7_061119

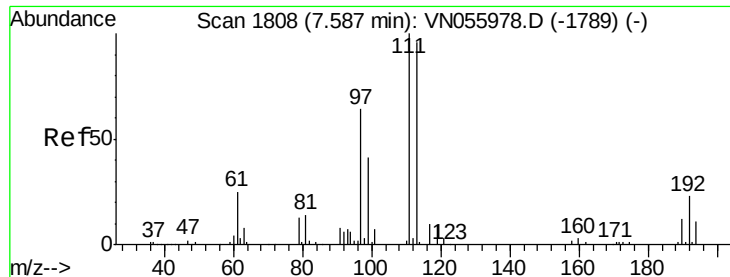
Tot Ion: 65 Resp: 192437
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056287.D
 Acq: 13 Jun 2019 17:30

Tgt Ion: 114 Resp: 562727
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.671 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056287.D

Acq: 13 Jun 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

C-MW-7_061119

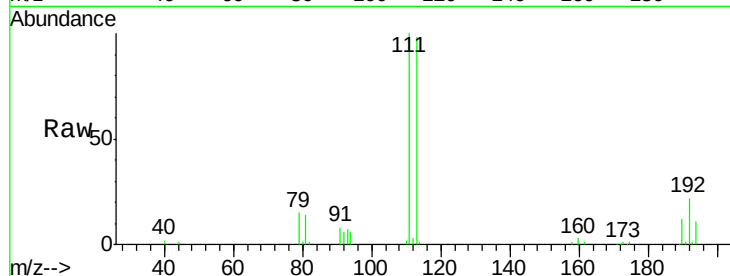
Tot Ion:113 Resp: 174942

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

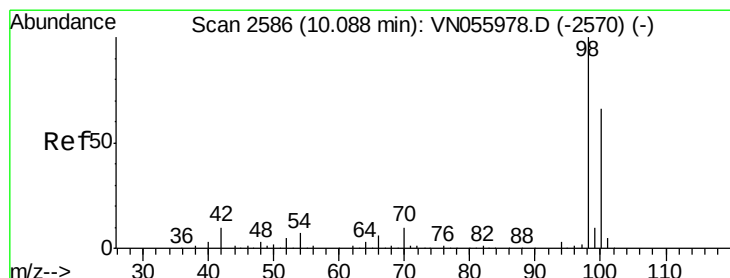
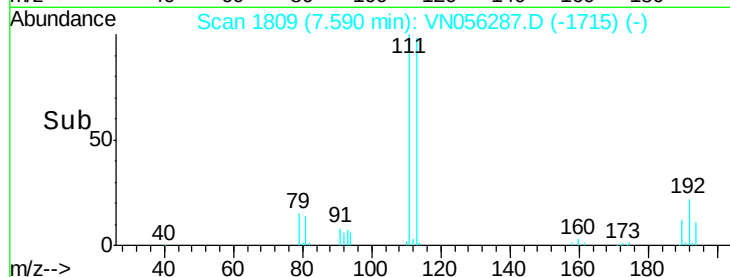
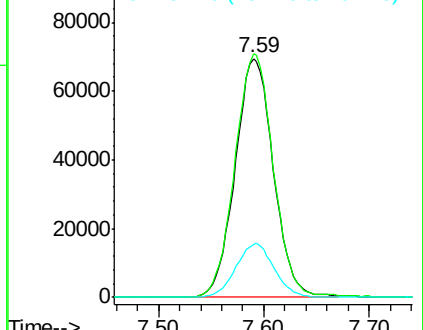
192 22.5 19.5 29.3



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: 52.788 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056287.D

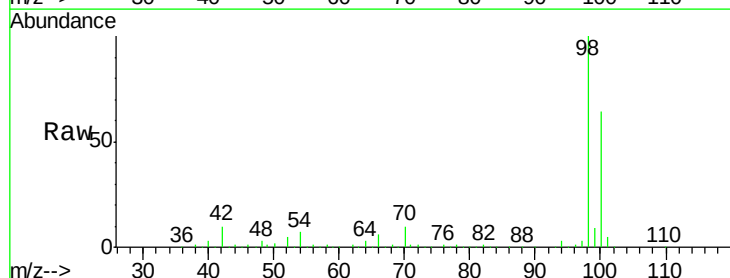
Acq: 13 Jun 2019 17:30

Tgt Ion: 98 Resp: 701309

Ion Ratio Lower Upper

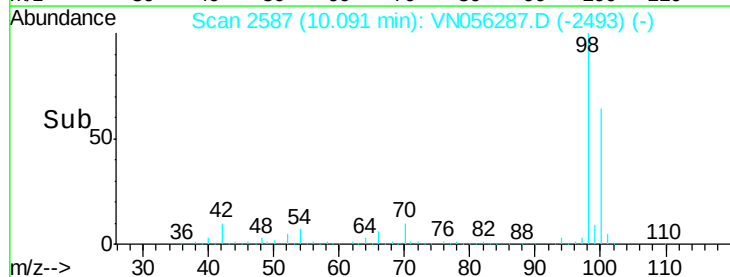
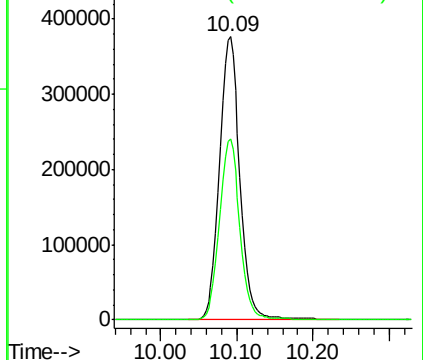
98 100

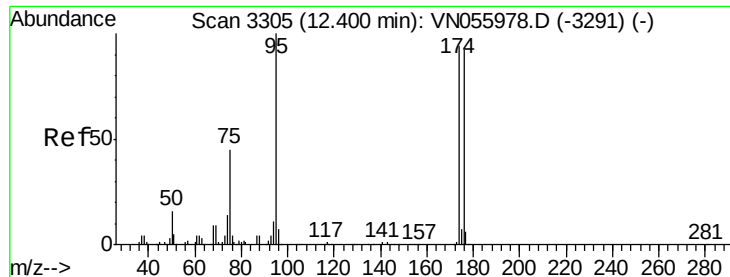
100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.119 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN056287.D

Acq: 13 Jun 2019 17:30

Instrument :

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ClientSampleId :

C-MW-7_061119

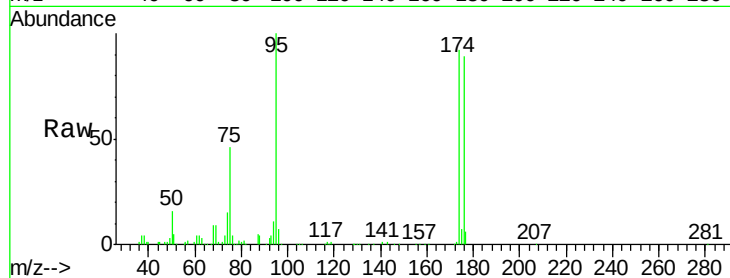
Tot Ion: 95 Resp: 221922

Ion Ratio Lower Upper

95 100

174 91.5 0.0 191.0

176 88.6 0.0 185.2

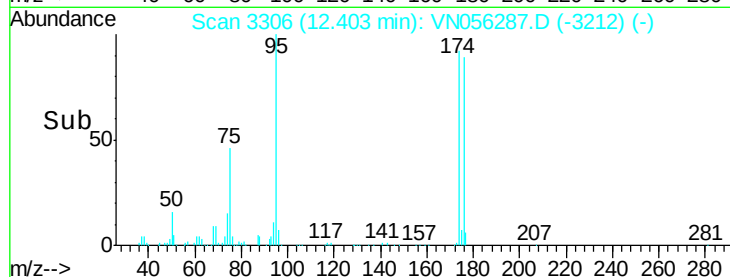


Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

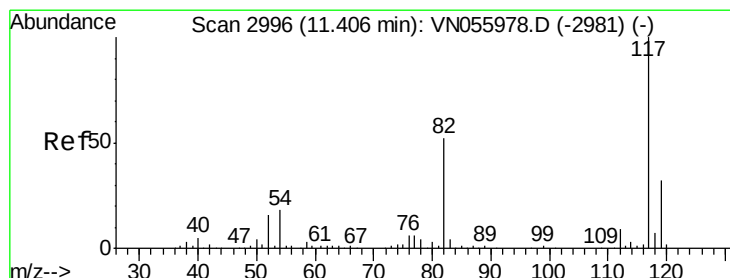
Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056287.D

Acq: 13 Jun 2019 17:30

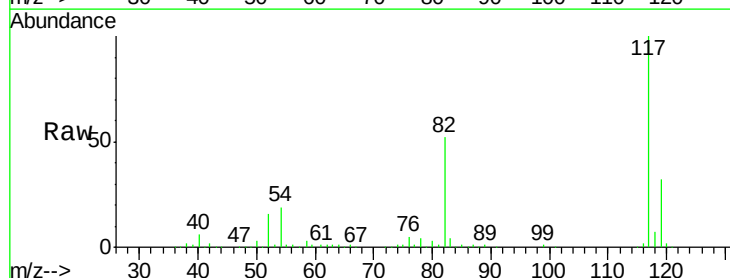
Tgt Ion: 117 Resp: 553233

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

119 32.1 25.4 38.0

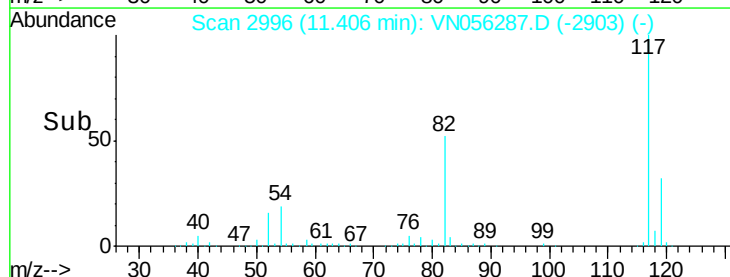


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

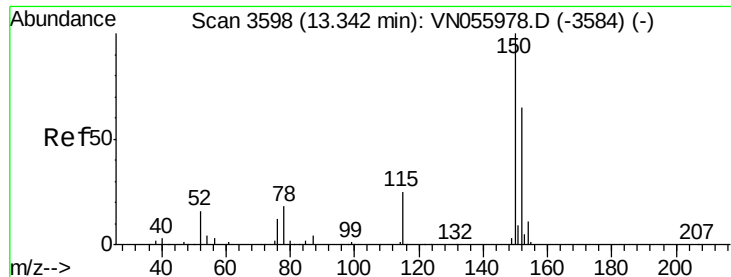
Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN056287.D

Acq: 13 Jun 2019 17:30

Instrument :

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ClientSampleId :

C-MW-7_061119

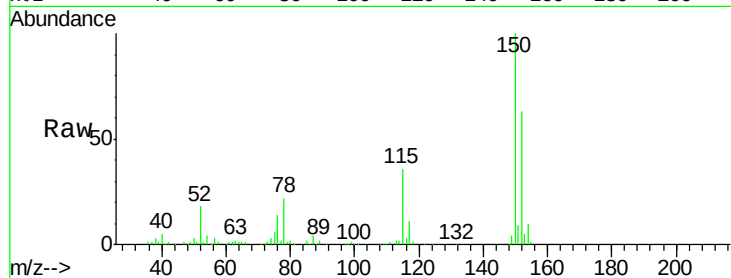
Tot Ion:152 Resp: 163734

Ion Ratio Lower Upper

152 100

115 55.7 27.0 81.0

150 156.5 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

