

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030220\
 Data File : VN060303.D
 Acq On : 2 Mar 2020 12:03
 Operator : JC/MD
 Sample : L1718-01
 Misc : 5.17g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11976

Quant Time: Mar 03 06:03:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	308906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	285078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140019	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	120228	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	7.56	113	68858	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	10.08	98	378181	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.40	95	140261	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

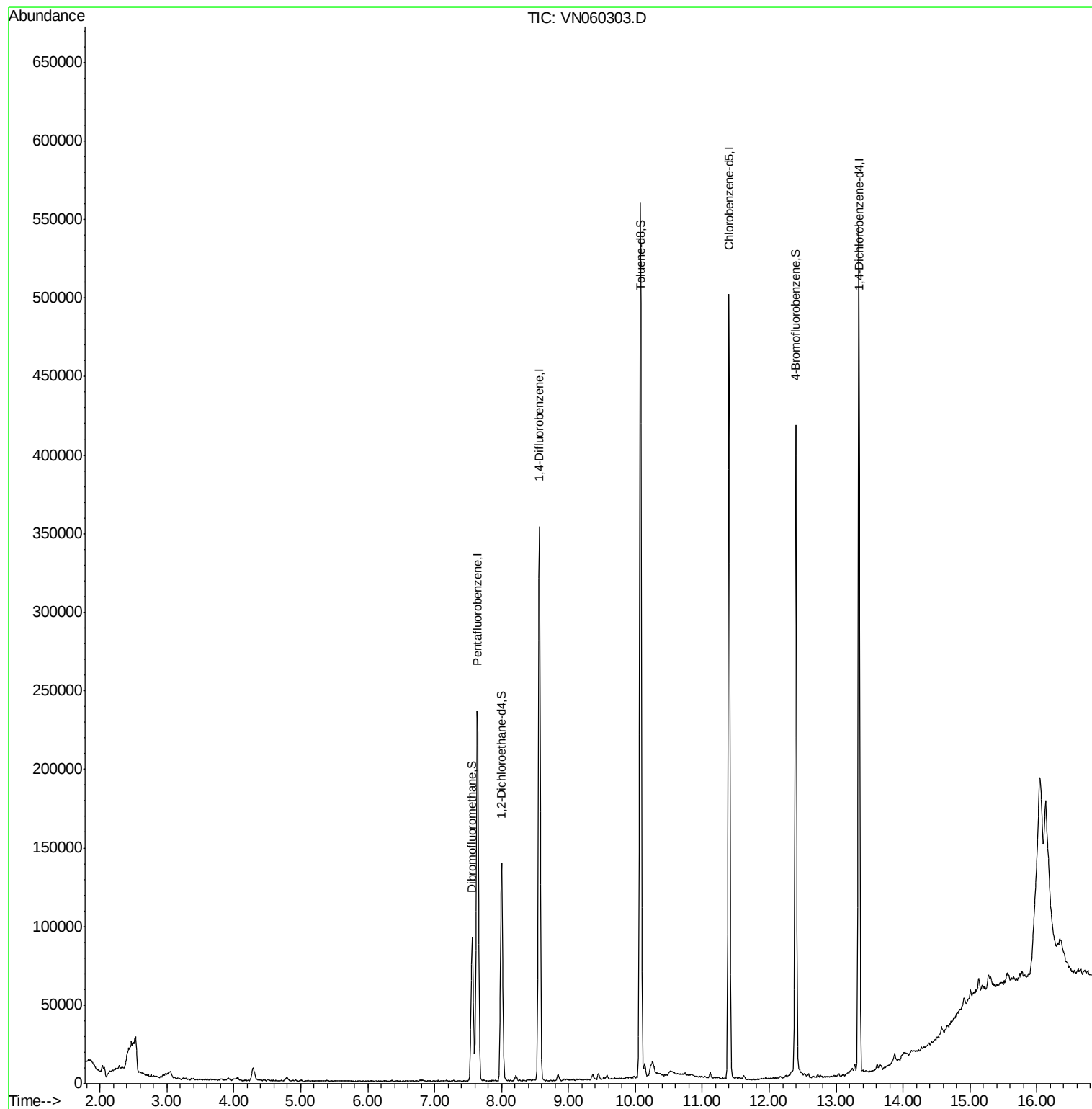
Target Compounds	Qvalue

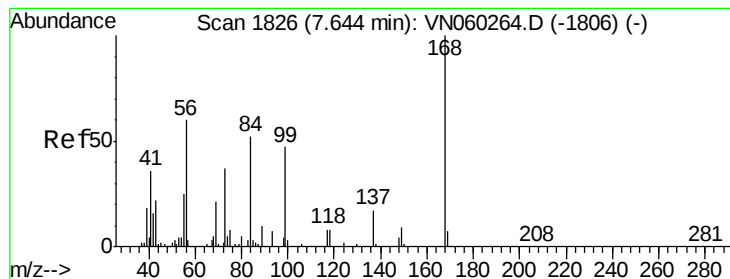
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060303.D

Acq: 2 Mar 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

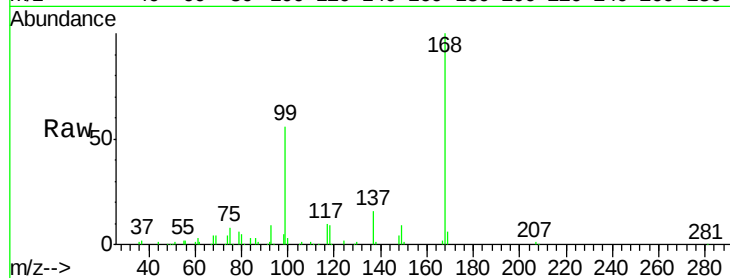
72-11976

Tot Ion:168 Resp: 193294

Ion Ratio Lower Upper

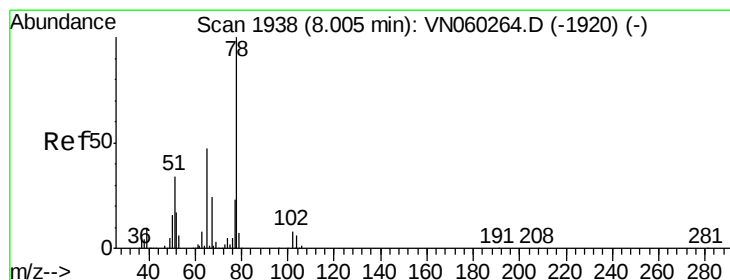
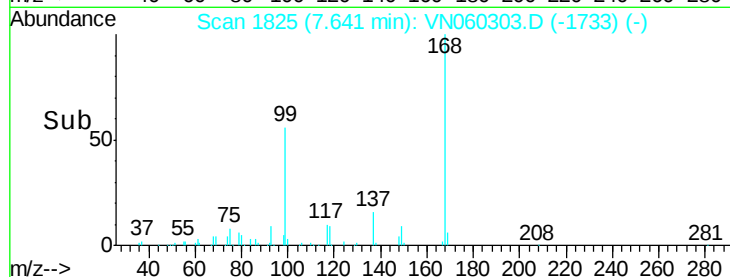
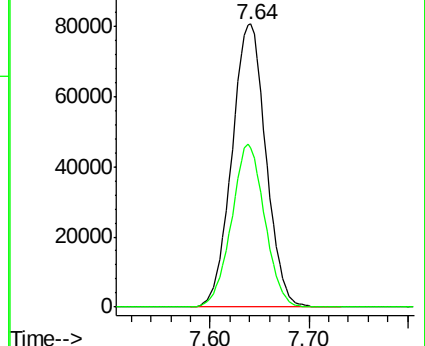
168 100

99 56.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 48.479 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060303.D

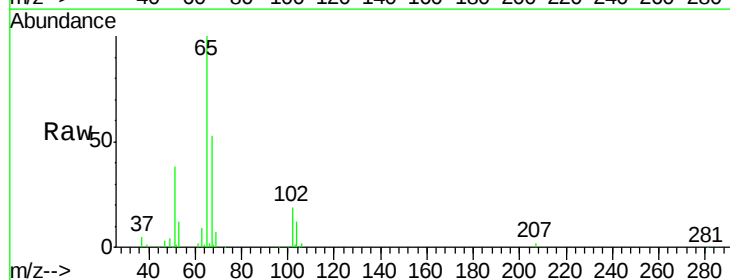
Acq: 2 Mar 2020 12:03

Tgt Ion: 65 Resp: 120228

Ion Ratio Lower Upper

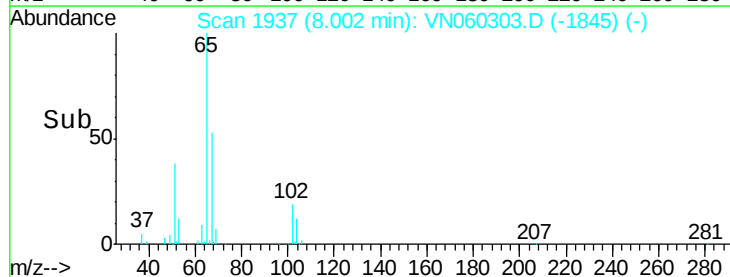
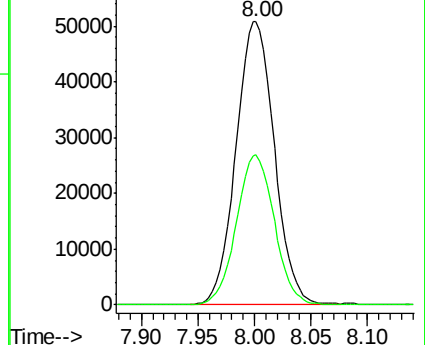
65 100

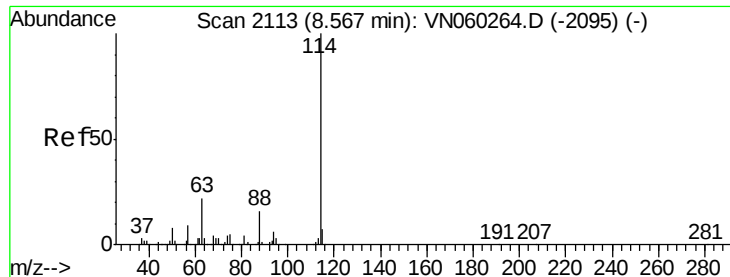
67 52.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060303.D

Acq: 2 Mar 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

72-11976

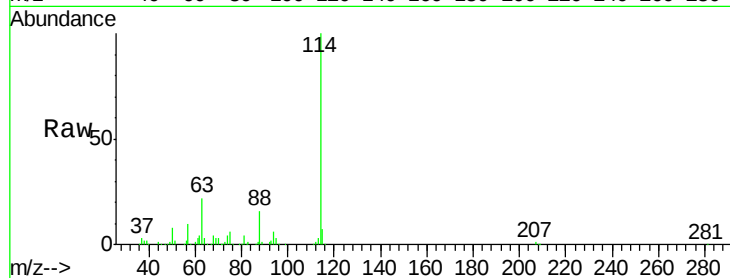
Tot Ion:114 Resp: 308906

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

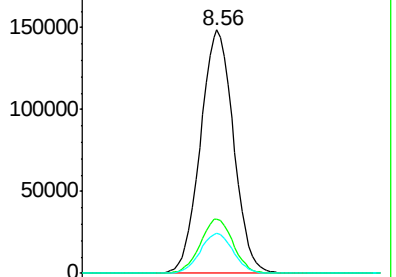
88 16.4 0.0 31.6



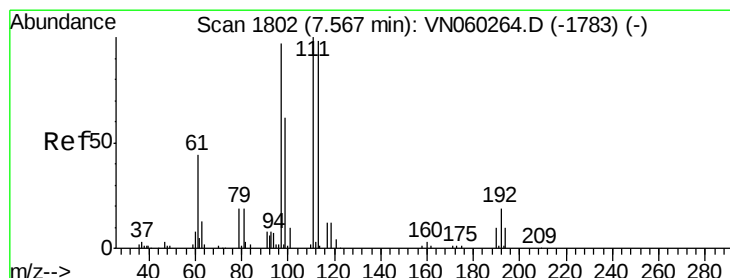
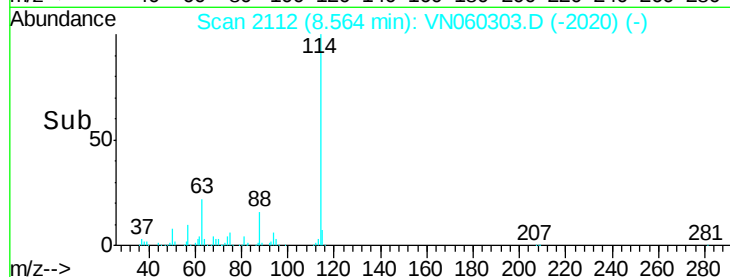
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



Time-->



#35

Dibromofluoromethane

Concen: 48.023 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.01 min

Lab File: VN060303.D

Acq: 2 Mar 2020 12:03

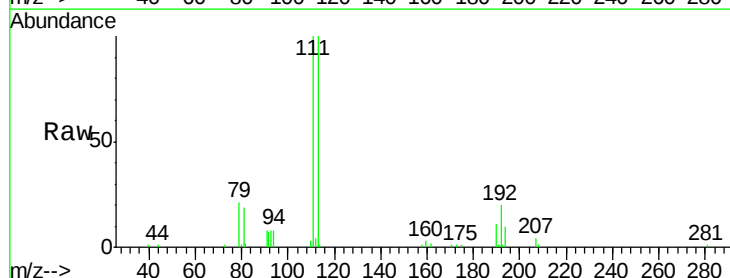
Tgt Ion:113 Resp: 68858

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

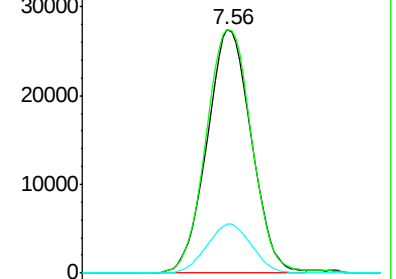
192 20.3 16.2 24.2



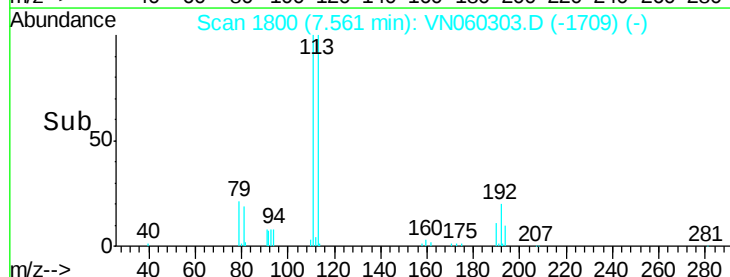
Abundance Ion 112.80 (112.50 to 113.50): V

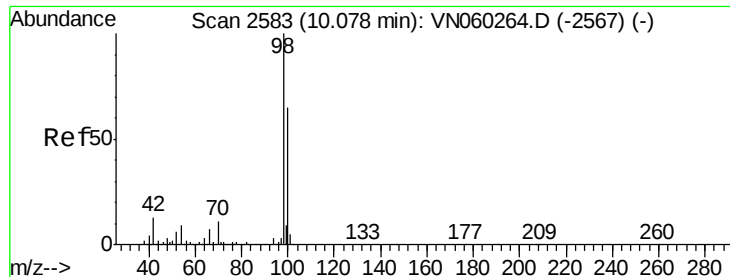
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->





#50

Toluene-d8

Concen: 52.114 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060303.D

Acq: 2 Mar 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

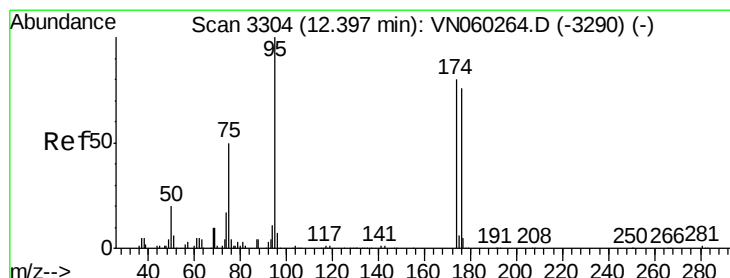
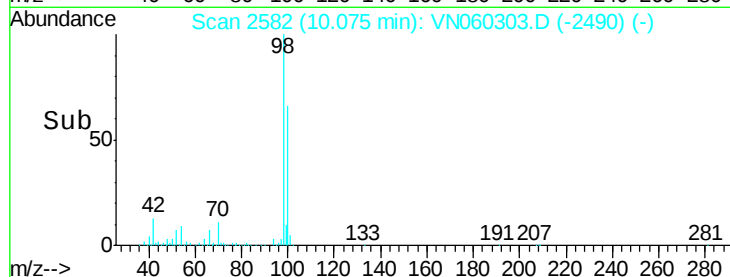
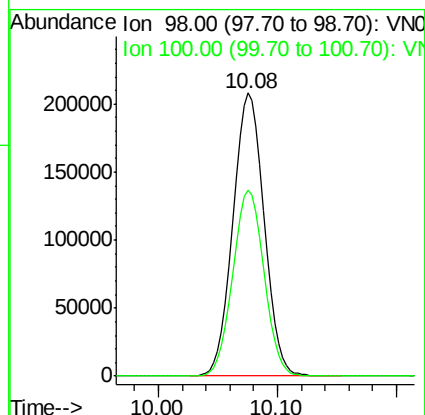
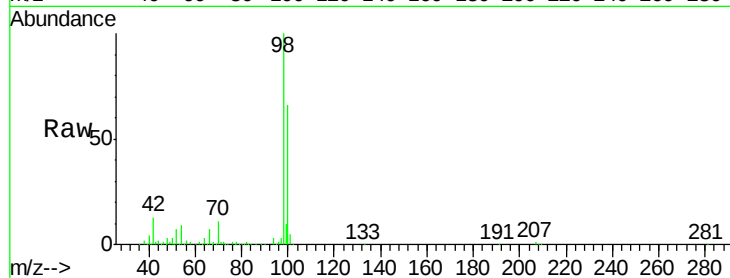
72-11976

Tot Ion: 98 Resp: 378181

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 50.987 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060303.D

Acq: 2 Mar 2020 12:03

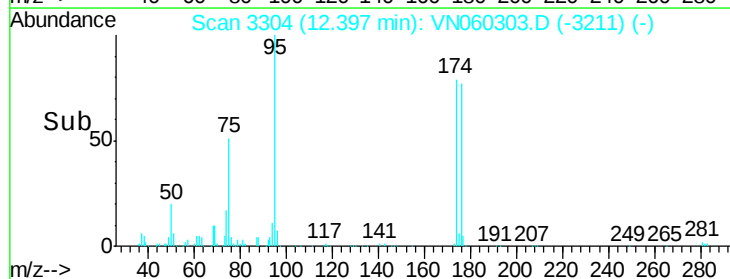
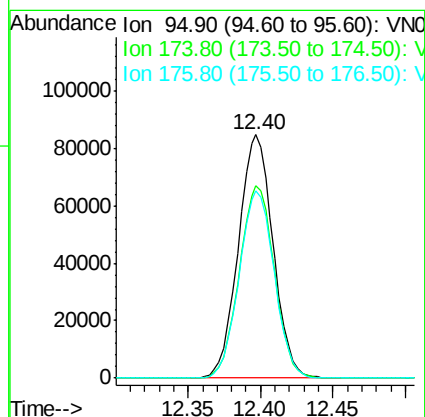
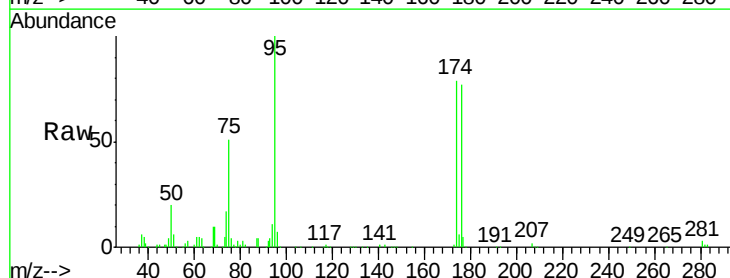
Tgt Ion: 95 Resp: 140261

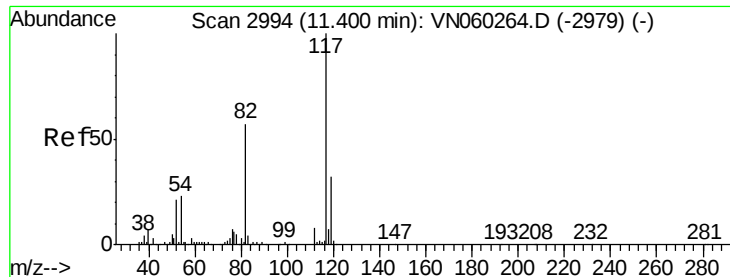
Ion Ratio Lower Upper

95 100

174 80.2 0.0 159.2

176 78.1 0.0 153.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060303.D

Acq: 2 Mar 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

72-11976

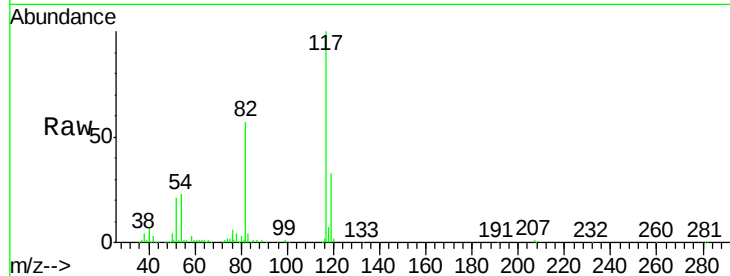
Tot Ion:117 Resp: 285078

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.6

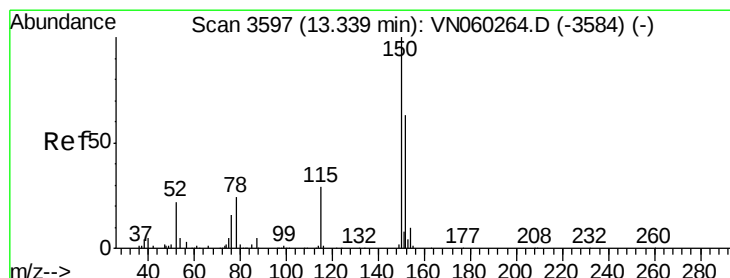
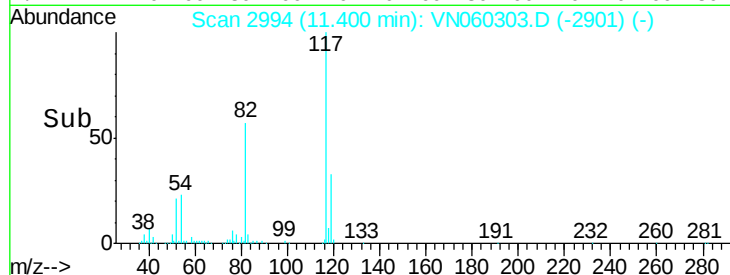
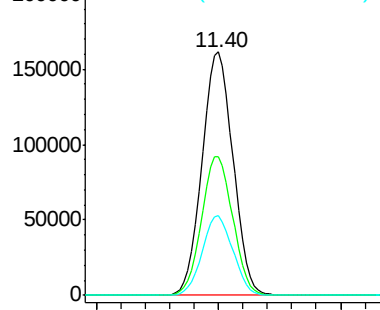
119 32.5 25.8 38.8



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# 3597

Delta R.T. 0.00 min

Lab File: VN060303.D

Acq: 2 Mar 2020 12:03

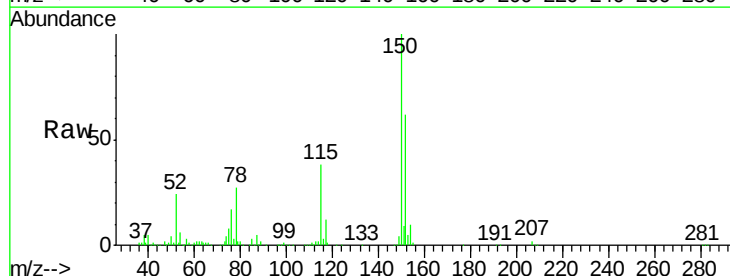
Tgt Ion:152 Resp: 140019

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 158.6 0.0 349.6



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

