

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022620\
 Data File : VN060246.D
 Acq On : 26 Feb 2020 12:53
 Operator : JC/MD
 Sample : VN0226WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBL01

Quant Time: Feb 27 05:00:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	210973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	338550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147856	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129456	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	7.56	113	97348	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
50) Toluene-d8	10.08	98	412006	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.40	95	155586	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

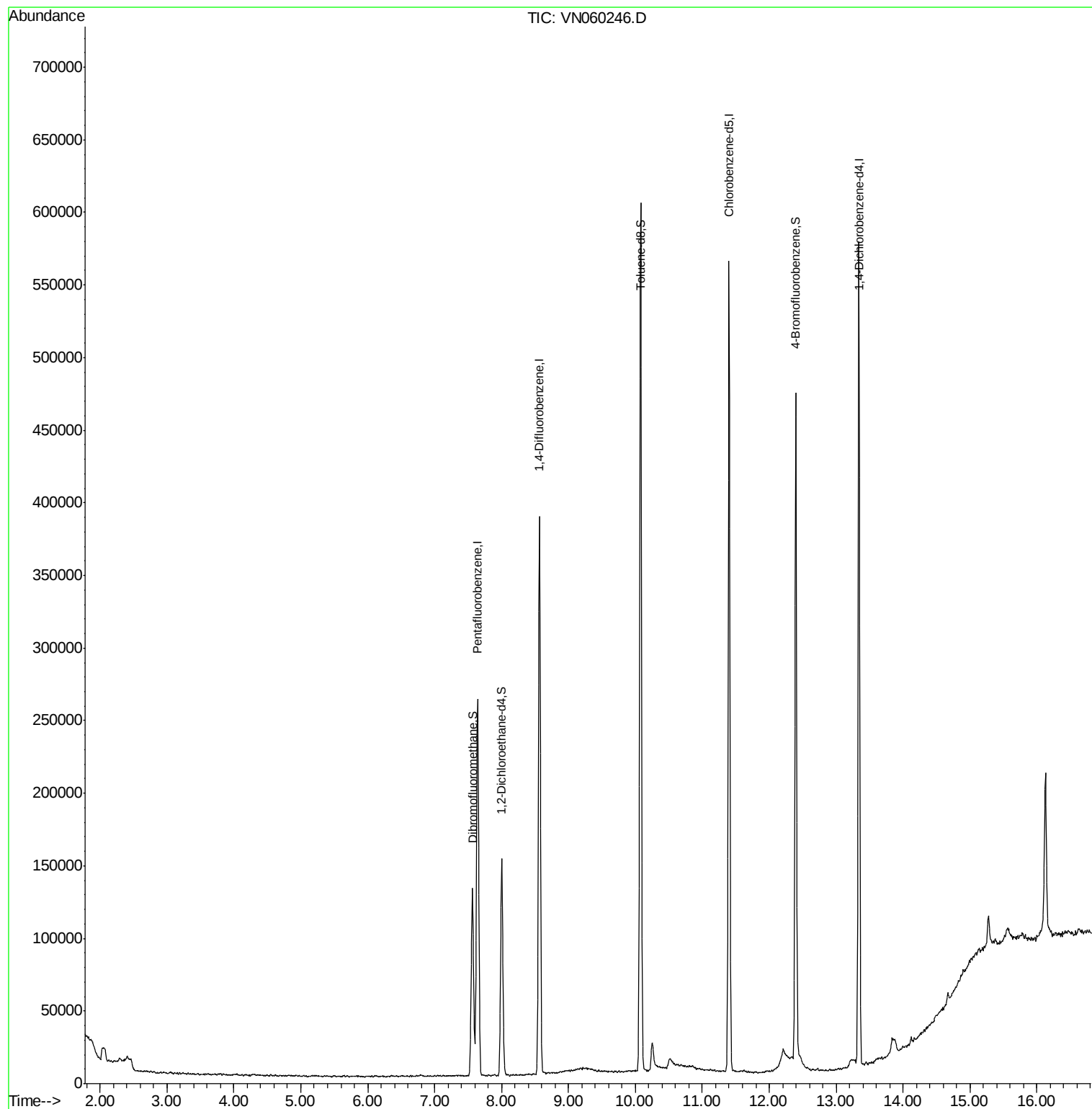
Target Compounds	Qvalue

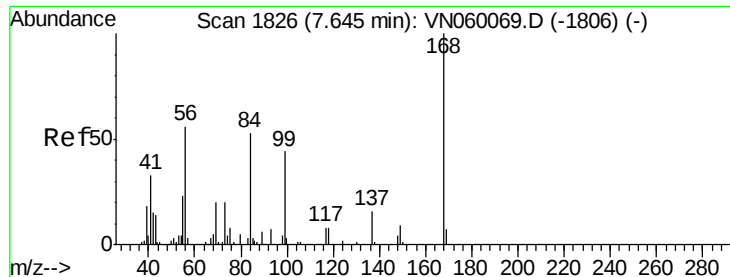
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060246.D

Acq: 26 Feb 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

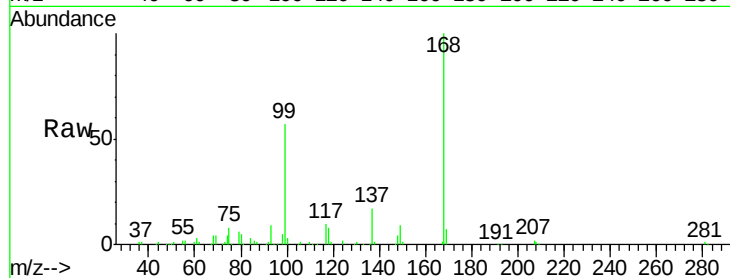
VN0226WBL01

Tot Ion:168 Resp: 210973

Ion Ratio Lower Upper

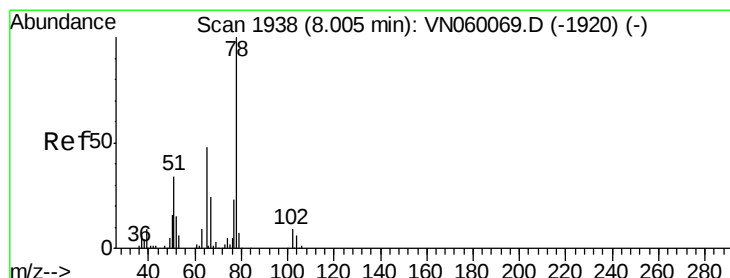
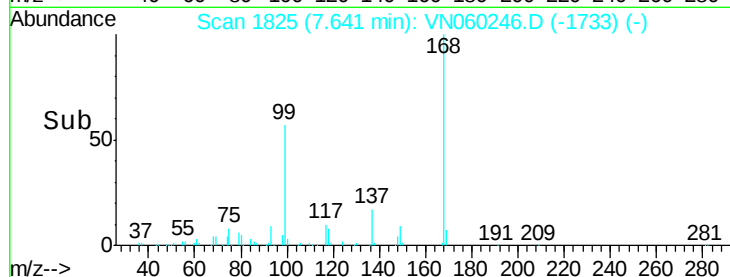
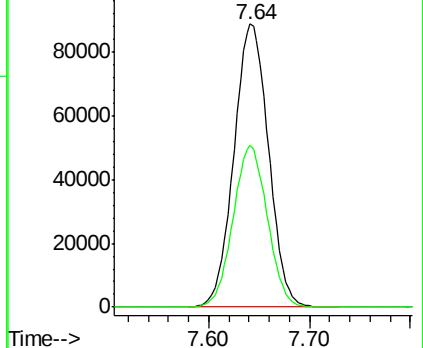
168 100

99 57.1 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.427 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060246.D

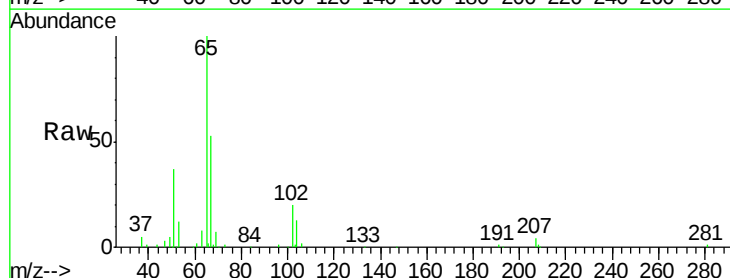
Acq: 26 Feb 2020 12:53

Tgt Ion: 65 Resp: 129456

Ion Ratio Lower Upper

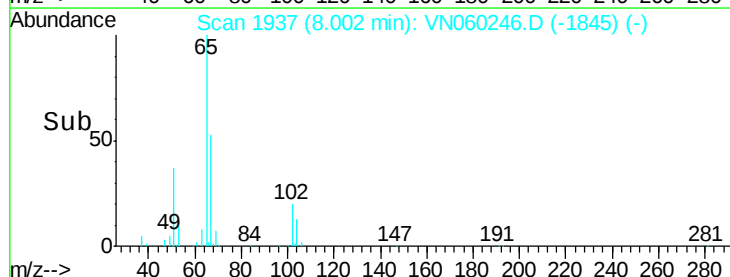
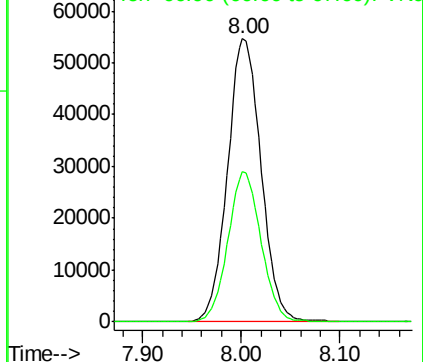
65 100

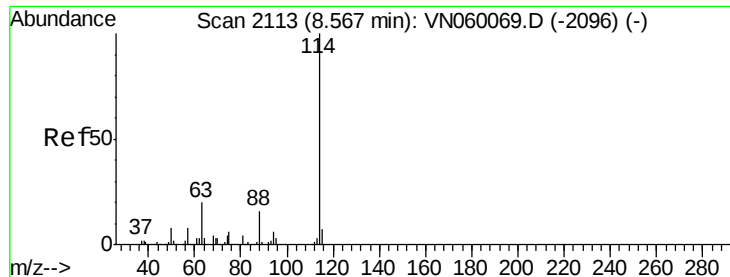
67 52.2 0.0 104.0



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: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060246.D

Acq: 26 Feb 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBL01

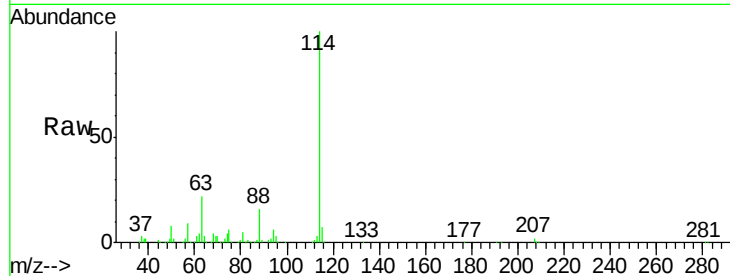
Tot Ion:114 Resp: 338550

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

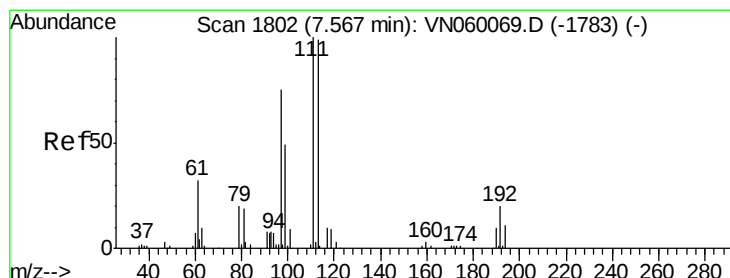
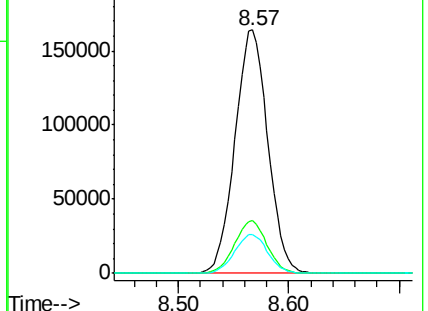
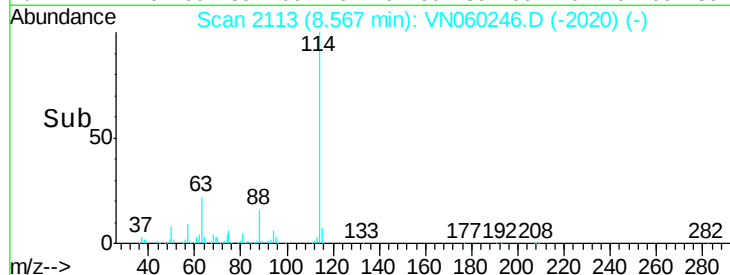
88 15.8 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.778 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060246.D

Acq: 26 Feb 2020 12:53

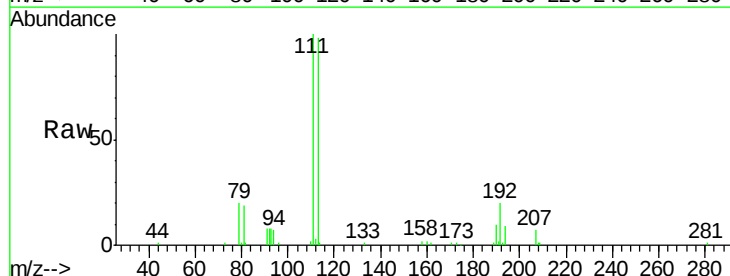
Tgt Ion:113 Resp: 97348

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.2

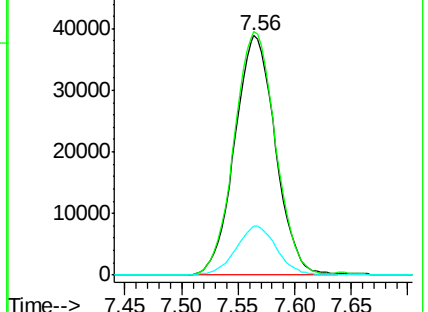
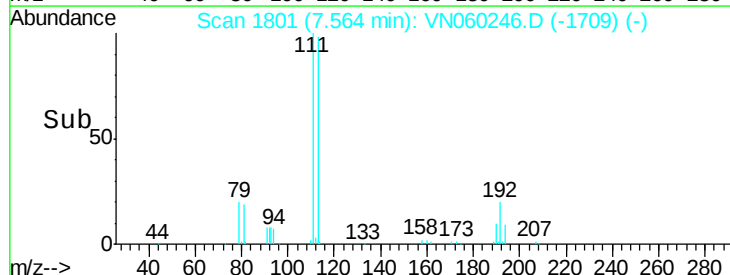
192 20.4 16.2 24.2

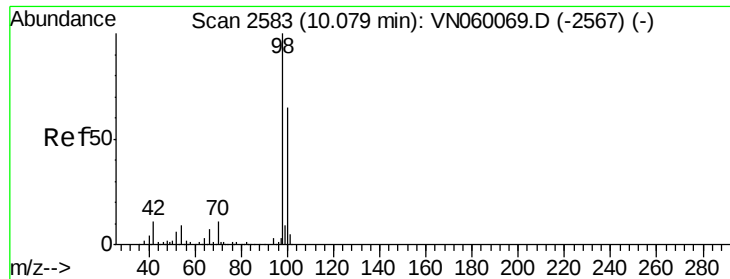


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.274 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060246.D

Acq: 26 Feb 2020 12:53

Instrument :

MSVOA_N

ClientSampled :

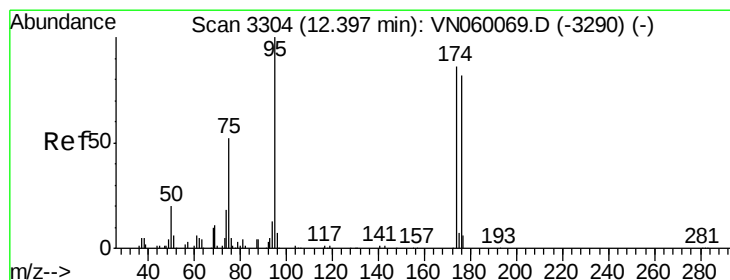
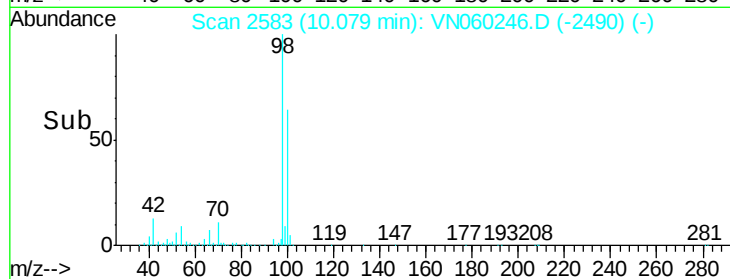
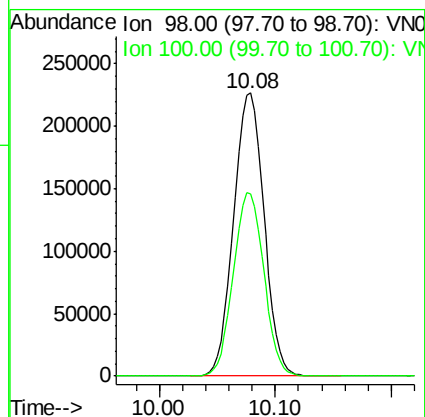
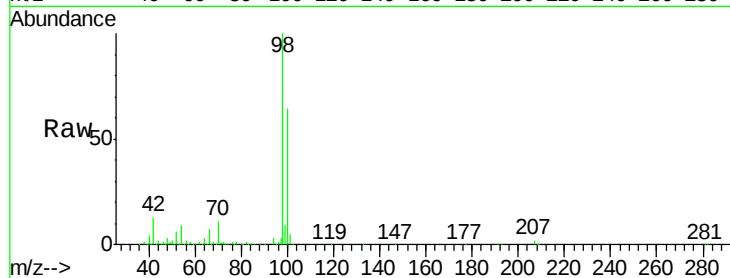
VN0226WBL01

Tot Ion: 98 Resp: 412006

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 51.667 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060246.D

Acq: 26 Feb 2020 12:53

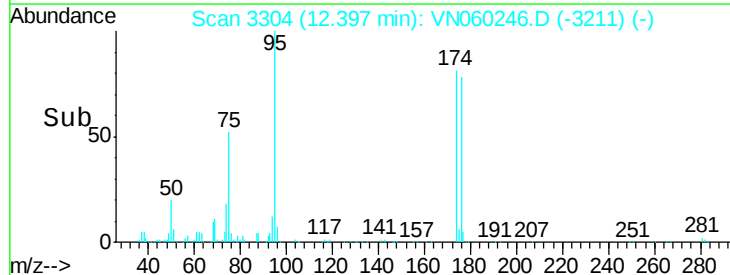
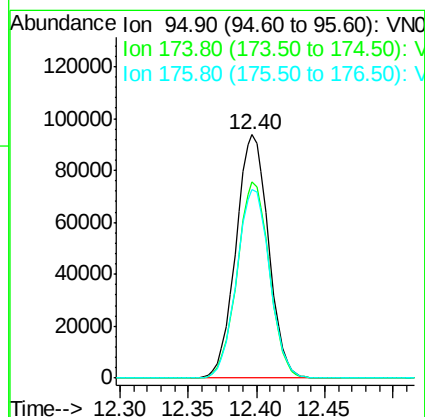
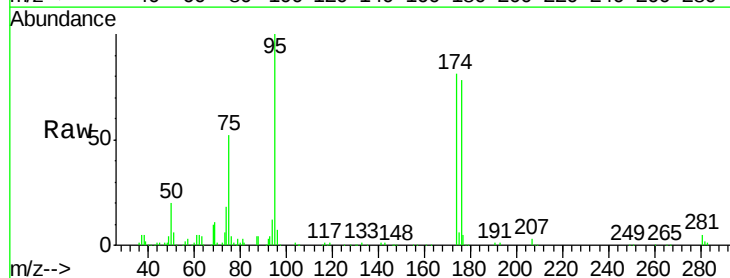
Tgt Ion: 95 Resp: 155586

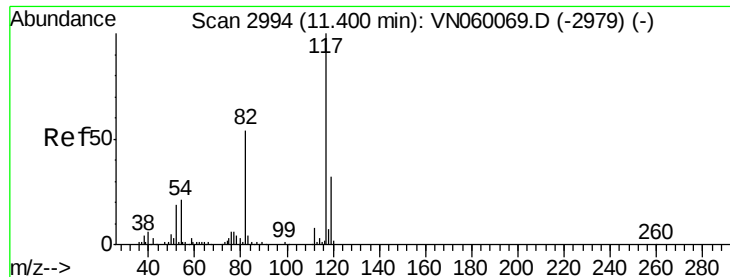
Ion Ratio Lower Upper

95 100

174 79.7 0.0 169.8

176 78.7 0.0 164.8

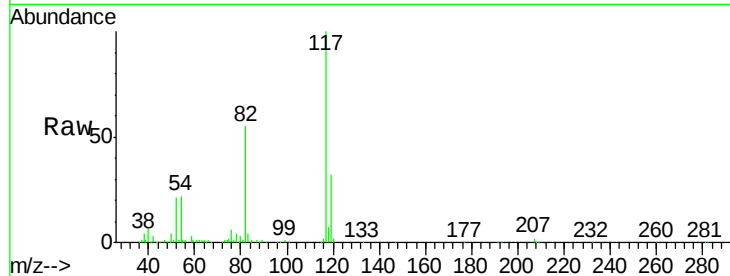




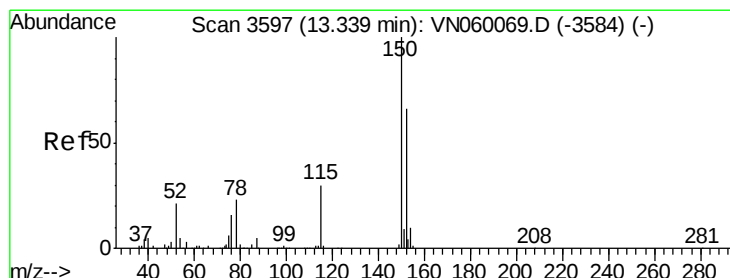
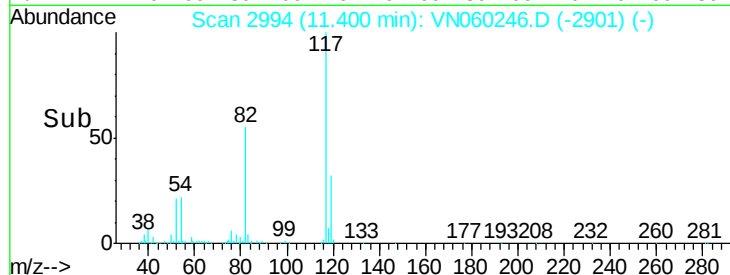
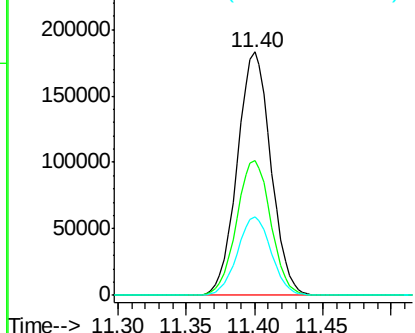
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060246.D
Acq: 26 Feb 2020 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBL01

Tot Ion:117 Resp: 313023
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 32.0 25.8 38.6

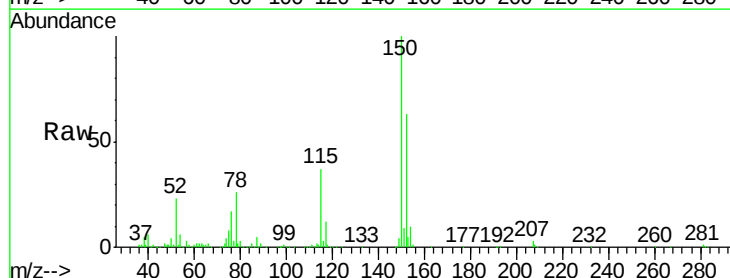


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060246.D
Acq: 26 Feb 2020 12:53

Tgt Ion:152 Resp: 147856
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.8
150 157.0 0.0 342.4



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

