

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021820\
 Data File : VN060134.D
 Acq On : 18 Feb 2020 11:00
 Operator : JC/MD
 Sample : VN0218WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBL01

Quant Time: Feb 19 01:31:58 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	171428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	267517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	243017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101678	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	100936	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
35) Dibromofluoromethane	7.57	113	81088	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
50) Toluene-d8	10.08	98	319866	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.40	95	107568	45.21	ug/l	0.00
Spiked Amount			Recovery	=	90.42%	

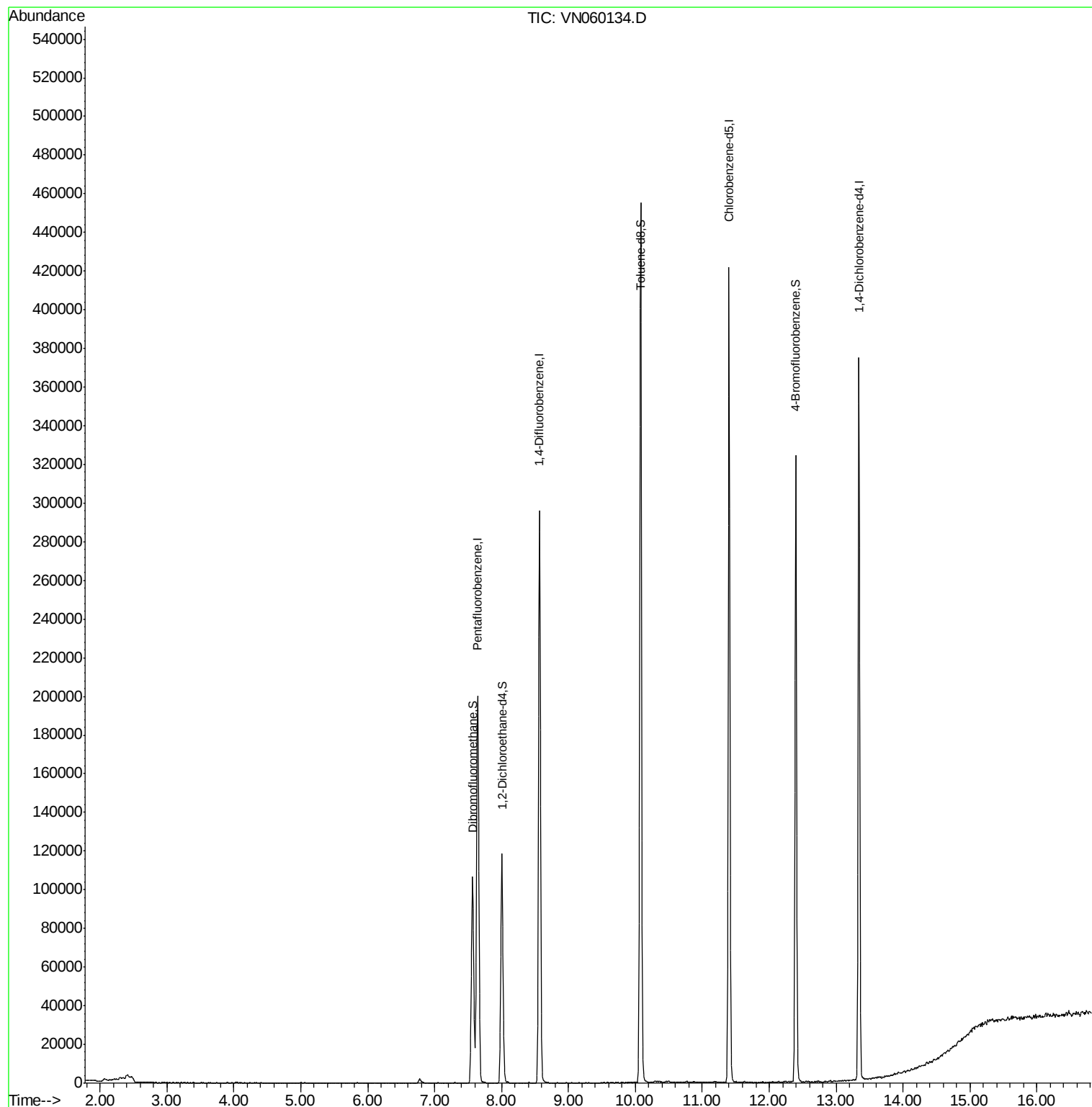
Target Compounds	Qvalue
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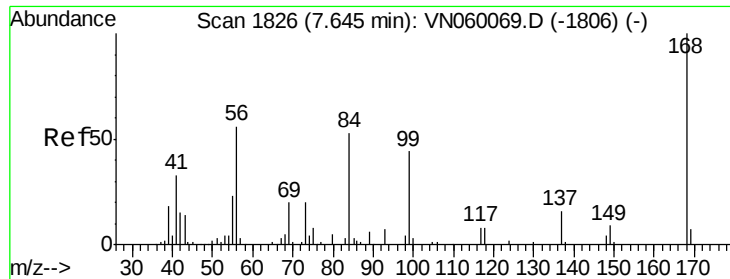
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060134.D

Acq: 18 Feb 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

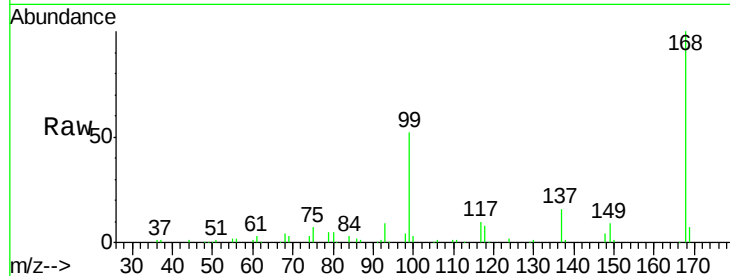
VN0218WBL01

Tot Ion:168 Resp: 171428

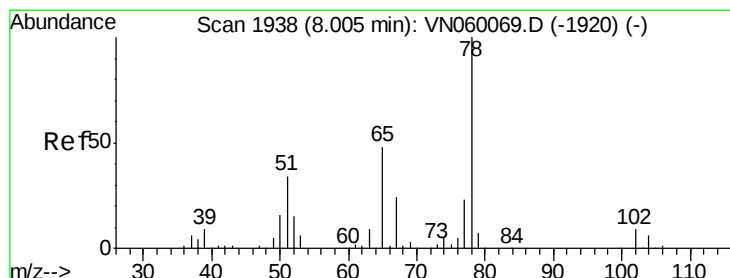
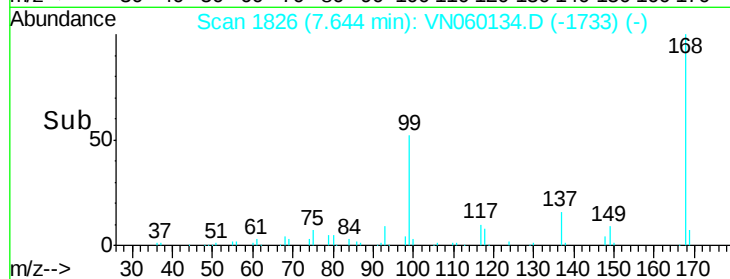
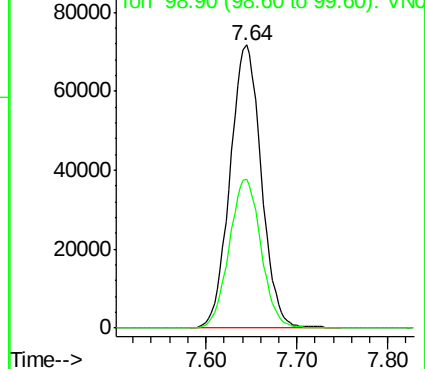
Ion Ratio Lower Upper

168 100

99 52.5 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060069.D (-1806) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.388 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060134.D

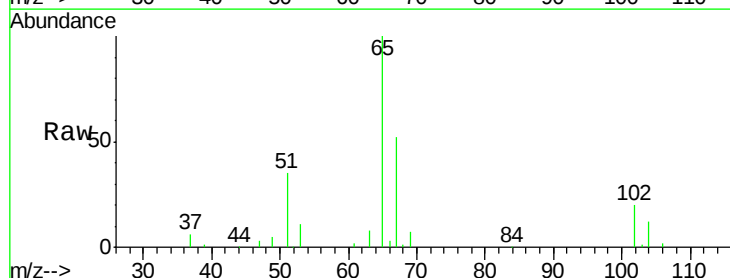
Acq: 18 Feb 2020 11:00

Tgt Ion: 65 Resp: 100936

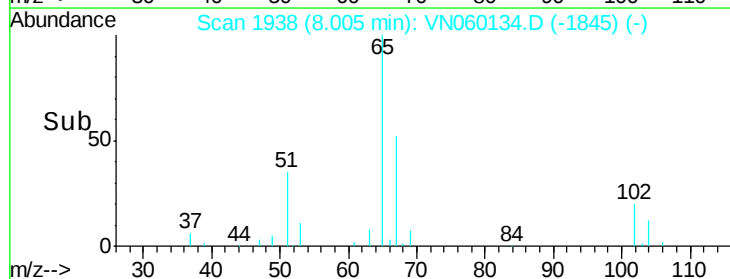
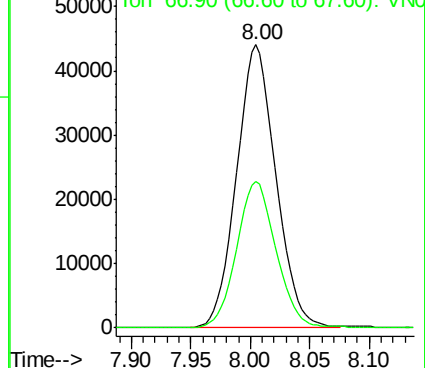
Ion Ratio Lower Upper

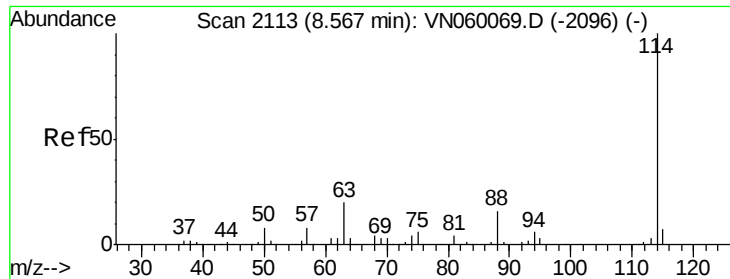
65 100

67 51.9 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN060069.D (-1920) (-)

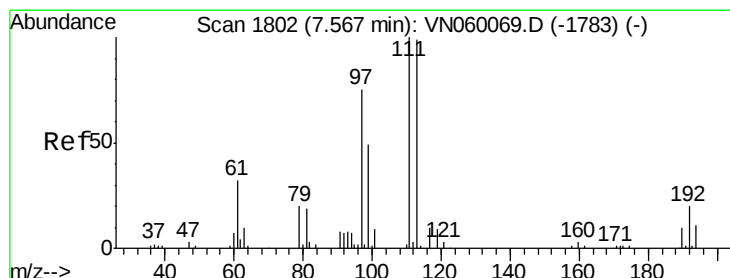
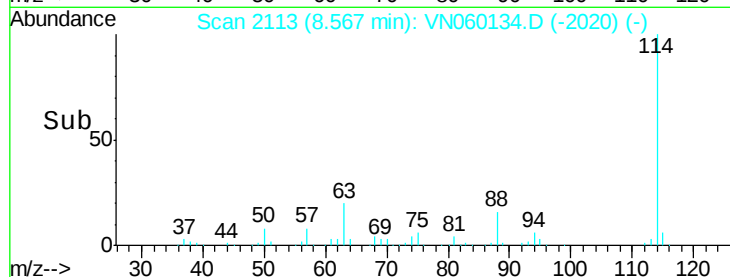
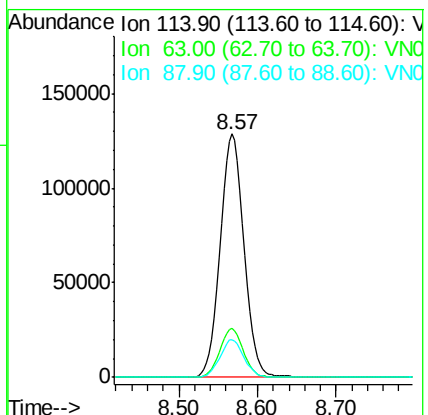
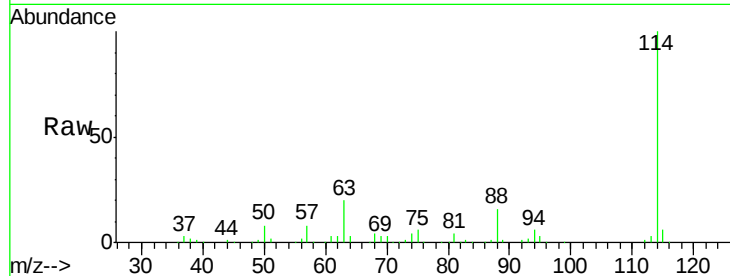




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060134.D
Acq: 18 Feb 2020 11:00

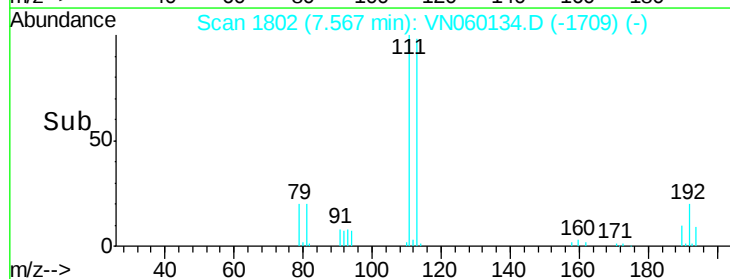
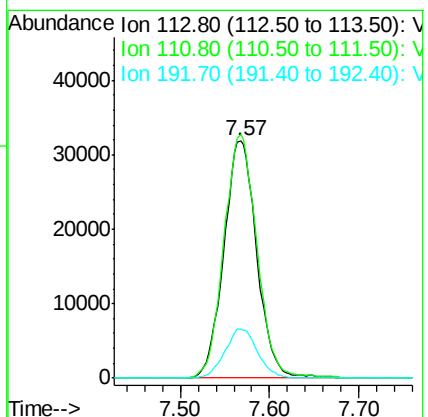
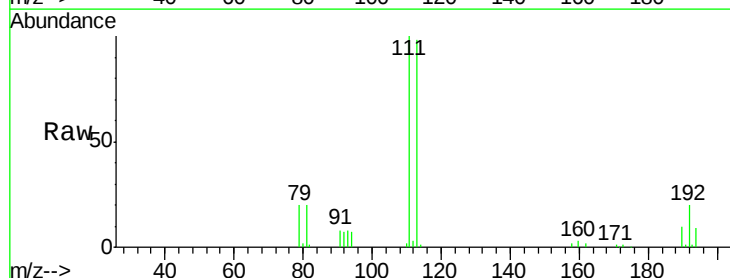
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBL01

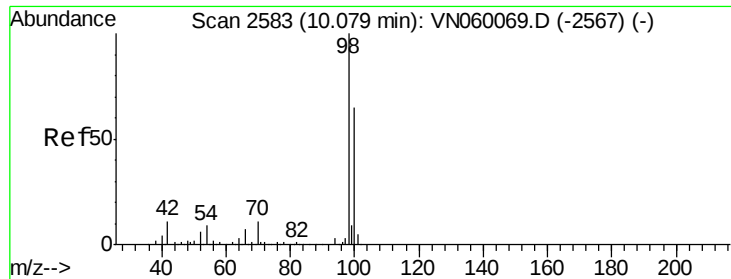
Tot Ion:114 Resp: 267517
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 49.311 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060134.D
Acq: 18 Feb 2020 11:00

Tgt Ion:113 Resp: 81088
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.2
192 20.6 16.2 24.2





#50

Toluene-d8

Concen: 49.395 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060134.D

Acq: 18 Feb 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

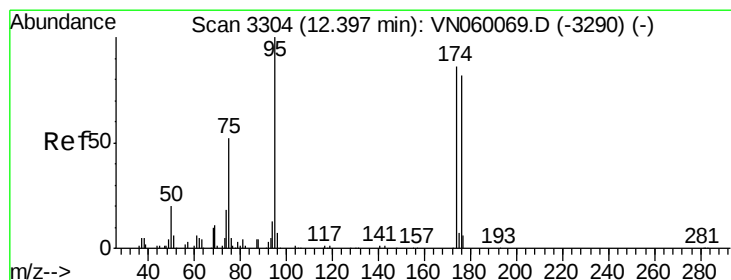
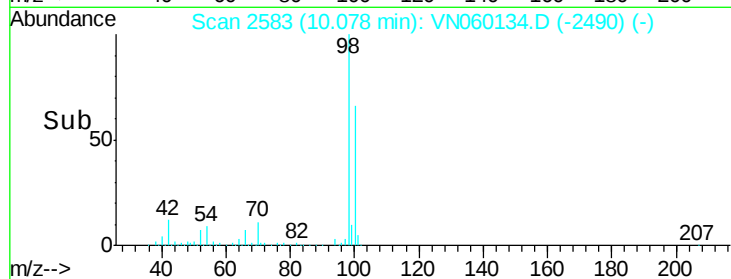
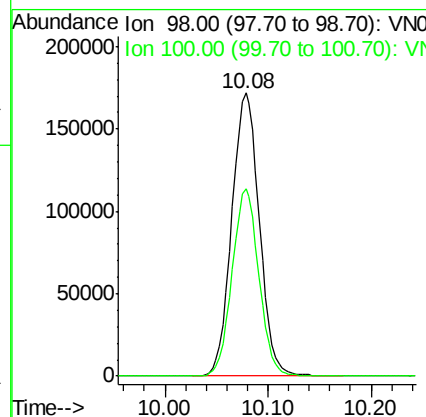
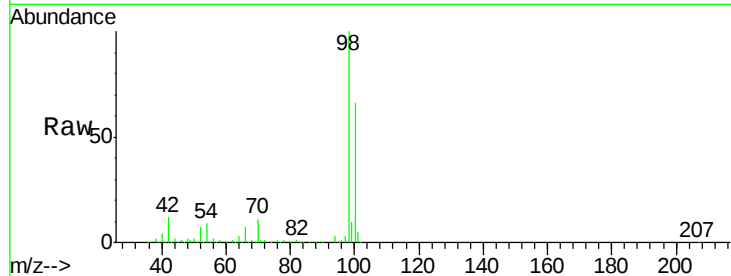
VN0218WBL01

Tot Ion: 98 Resp: 319866

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.206 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060134.D

Acq: 18 Feb 2020 11:00

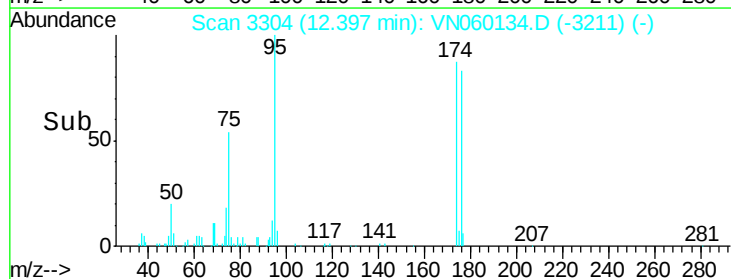
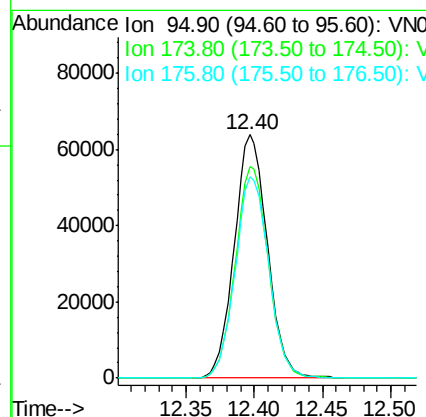
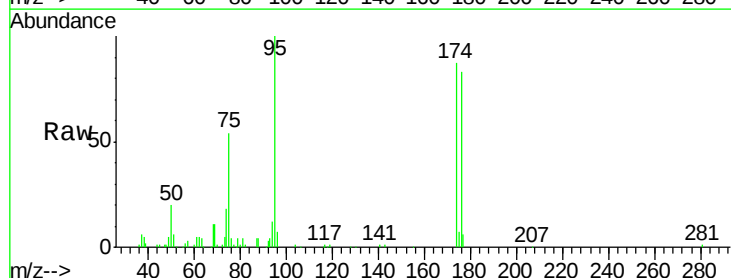
Tgt Ion: 95 Resp: 107568

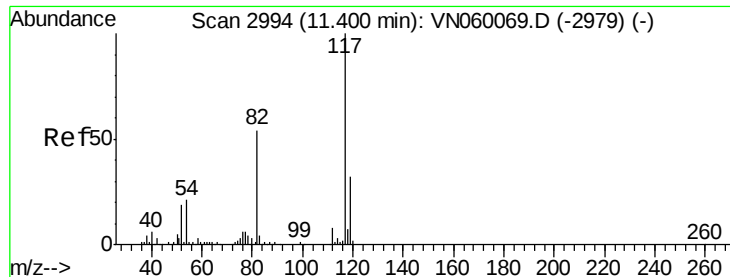
Ion Ratio Lower Upper

95 100

174 86.8 0.0 169.8

176 84.0 0.0 164.8

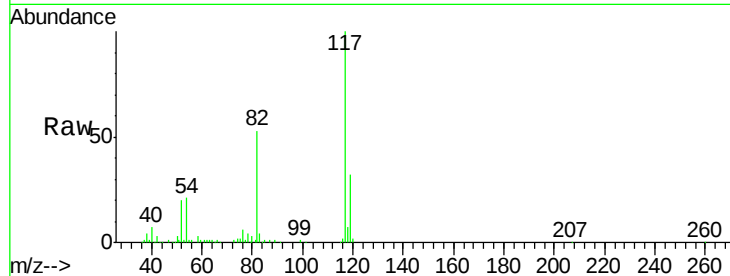




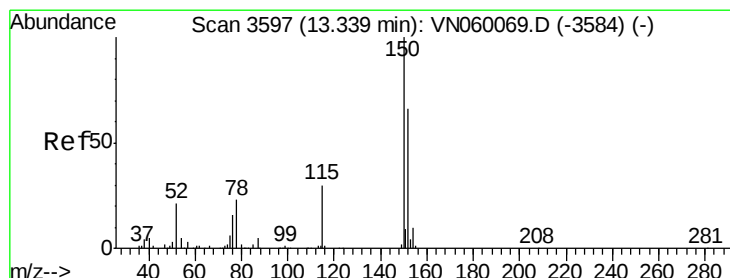
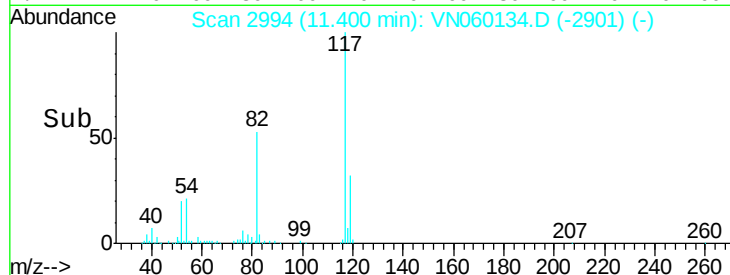
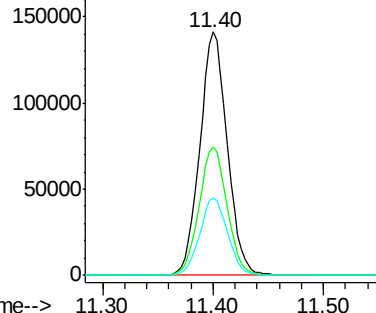
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060134.D
Acq: 18 Feb 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBL01

Tot Ion:117 Resp: 243017
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.8 25.8 38.6

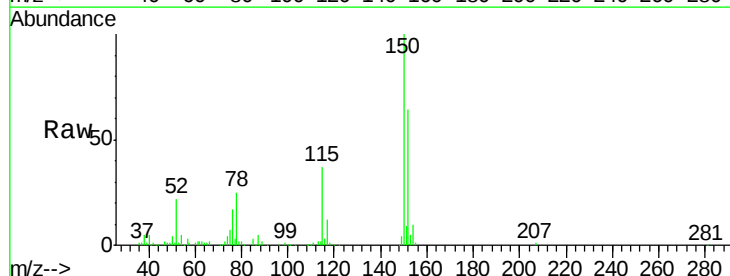


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060134.D
Acq: 18 Feb 2020 11:00

Tgt Ion:152 Resp: 101678
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 157.7 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

