

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060111.D
 Acq On : 17 Feb 2020 12:06
 Operator : JC/MD
 Sample : VN0217MBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217MBL01

Quant Time: Feb 17 14:22:51 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	178371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	285522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	254722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	100899	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	108605	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.56	113	85647	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.08	98	342200	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.40	95	116754	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	

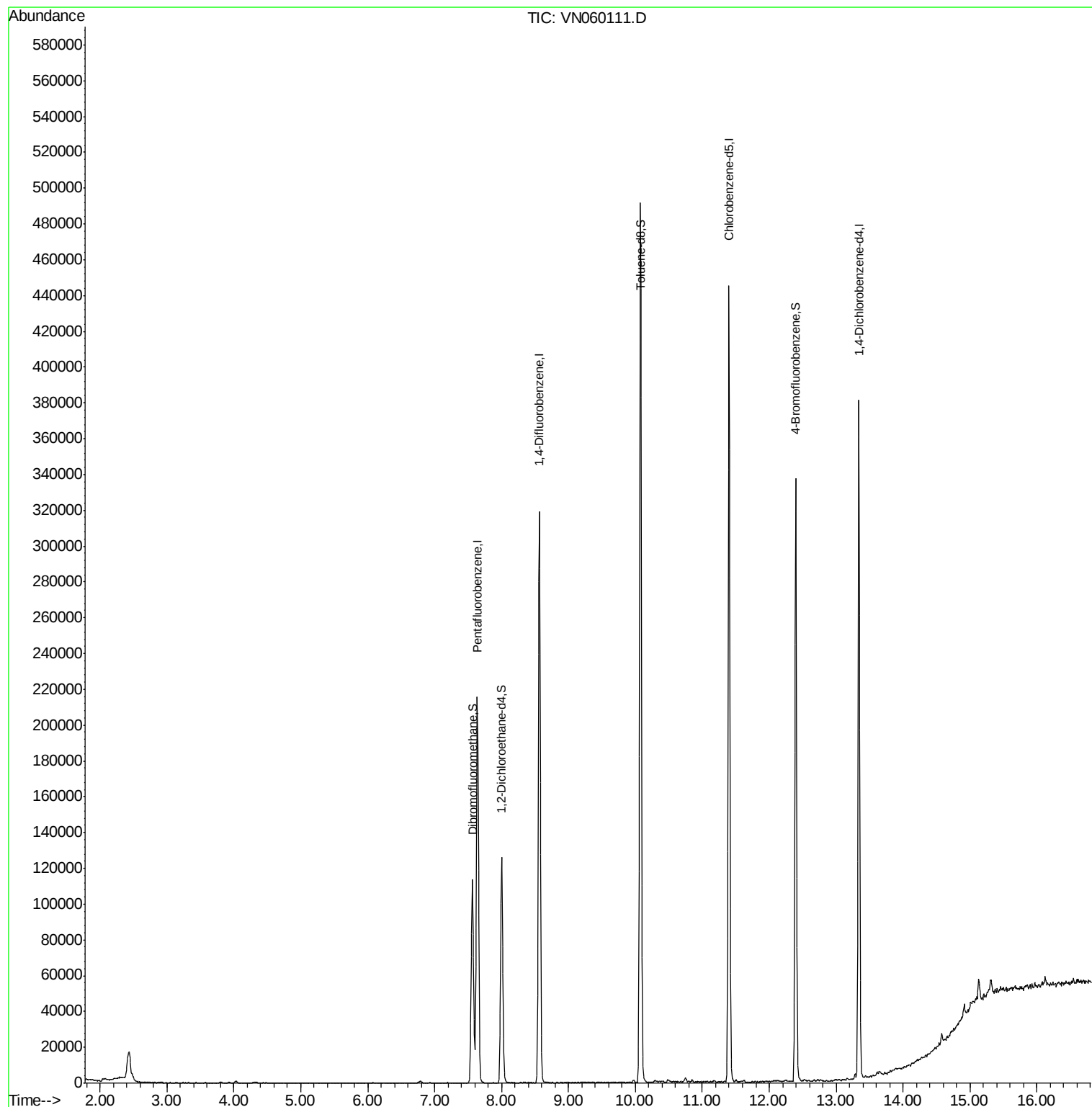
Target Compounds	Qvalue

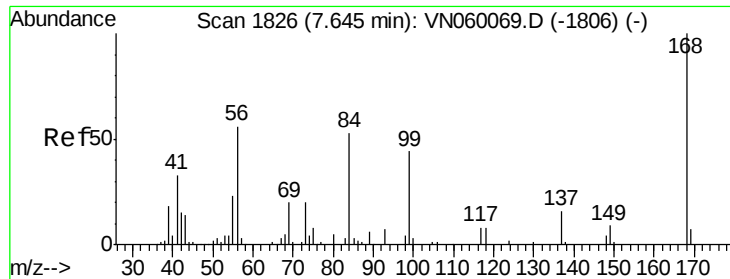
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021720\
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Quant Title : SW846 8260
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# 1825

Delta R.T. -0.00 min

Lab File: VN060111.D

Acq: 17 Feb 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

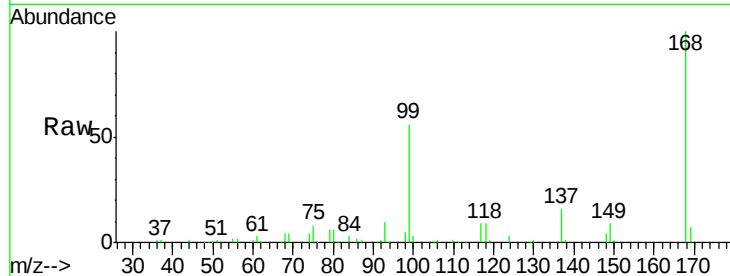
VN0217MBL01

Tot Ion:168 Resp: 178371

Ion Ratio Lower Upper

168 100

99 56.0 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

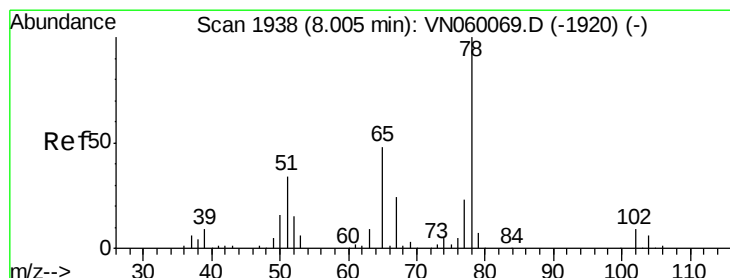
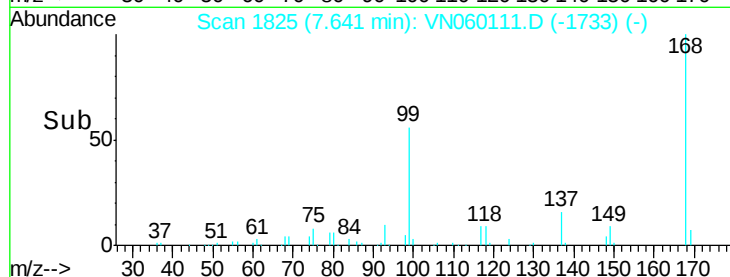
40000

20000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.038 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060111.D

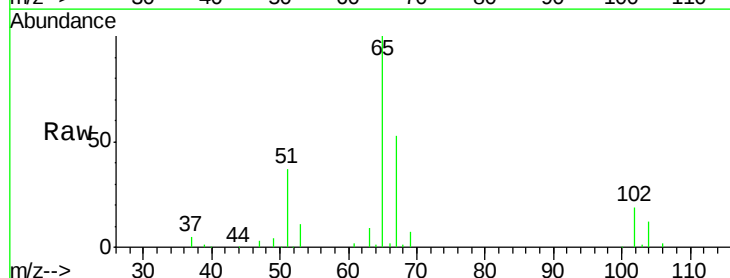
Acq: 17 Feb 2020 12:06

Tgt Ion: 65 Resp: 108605

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

50000

40000

30000

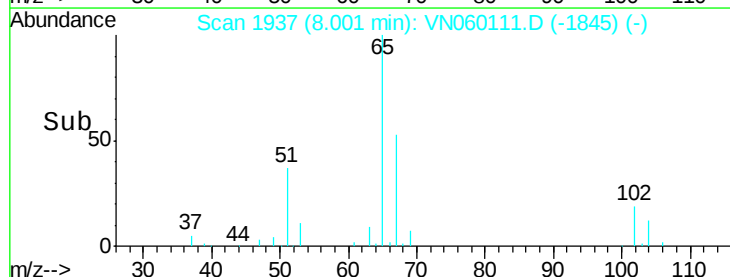
20000

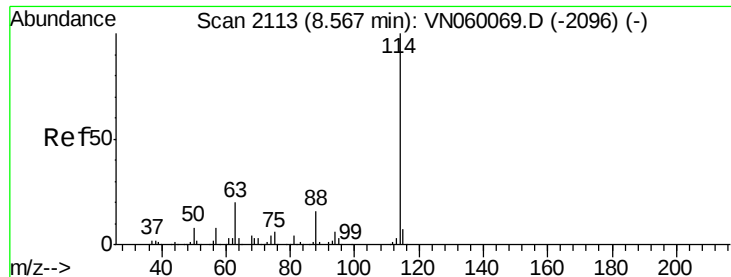
10000

0

7.90 8.00 8.10

Time-->

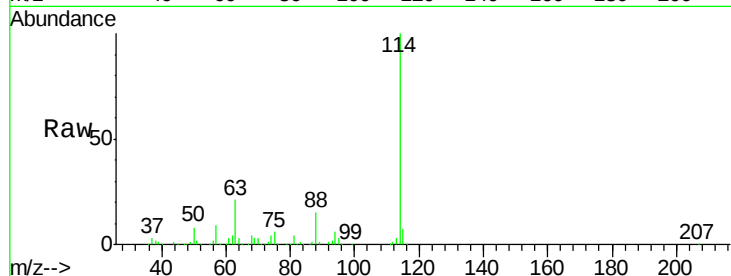




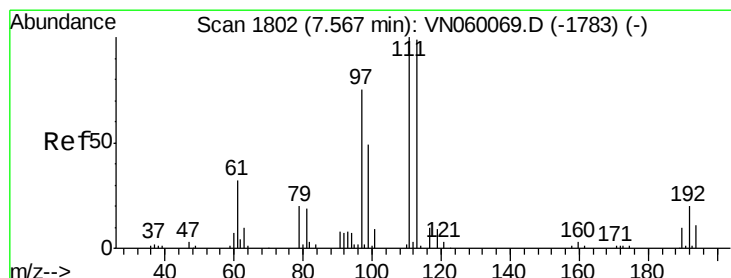
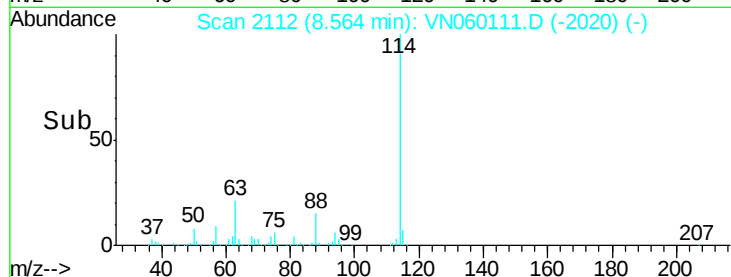
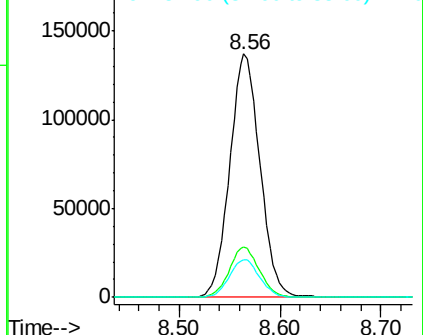
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060111.D
 Acq: 17 Feb 2020 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217MBL01

Tot Ion:114 Resp: 28522
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.0
 88 15.5 0.0 31.6

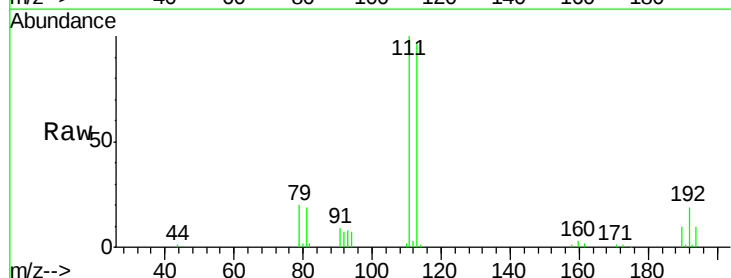


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

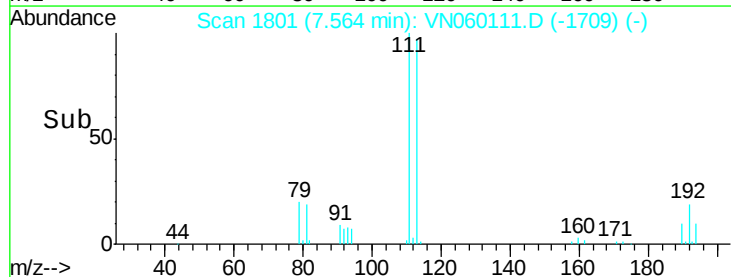
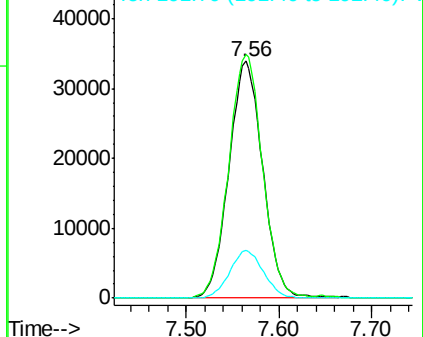


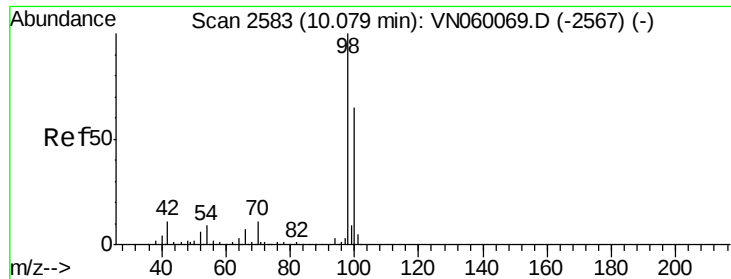
#35
 Dibromofluoromethane
 Concen: 48.799 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060111.D
 Acq: 17 Feb 2020 12:06

Tgt Ion:113 Resp: 85647
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.2
 192 20.0 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: 49.512 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060111.D

Acq: 17 Feb 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

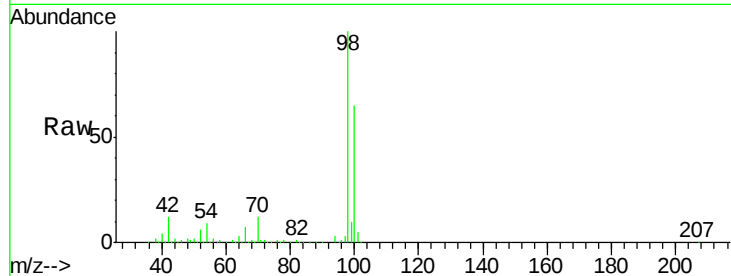
VN0217MBL01

Tot Ion: 98 Resp: 342200

Ion Ratio Lower Upper

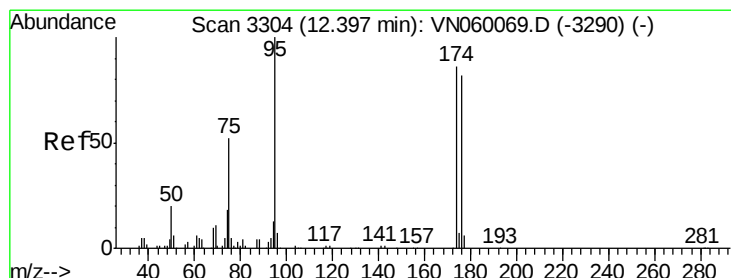
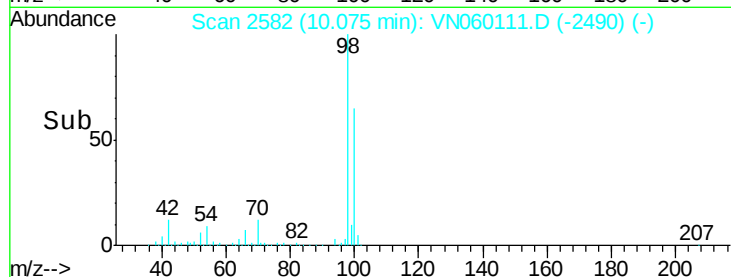
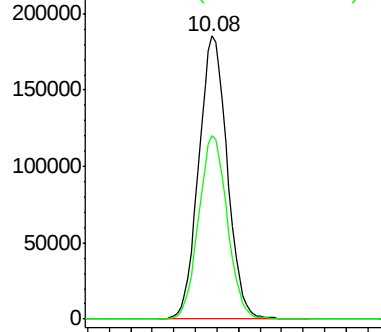
98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 45.972 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060111.D

Acq: 17 Feb 2020 12:06

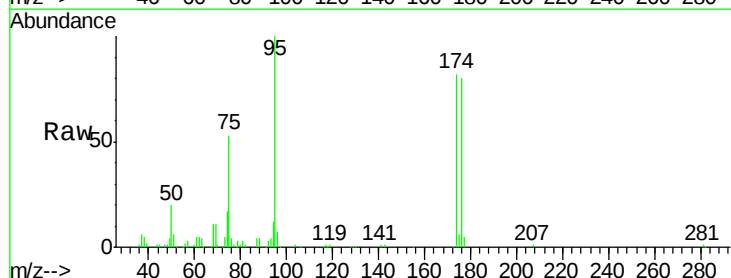
Tgt Ion: 95 Resp: 116754

Ion Ratio Lower Upper

95 100

174 81.1 0.0 169.8

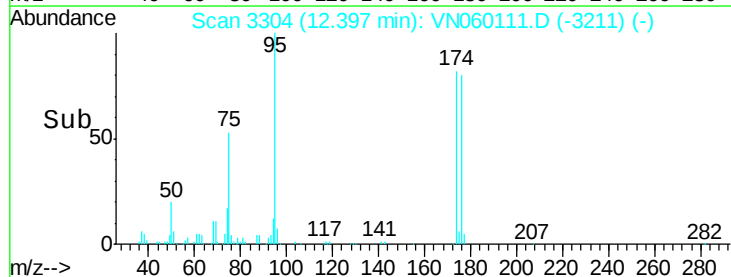
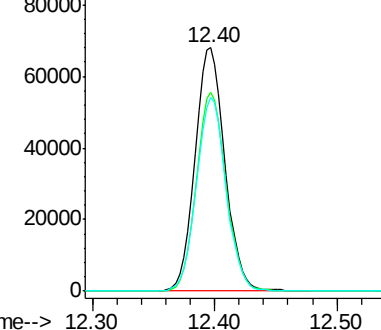
176 79.0 0.0 164.8

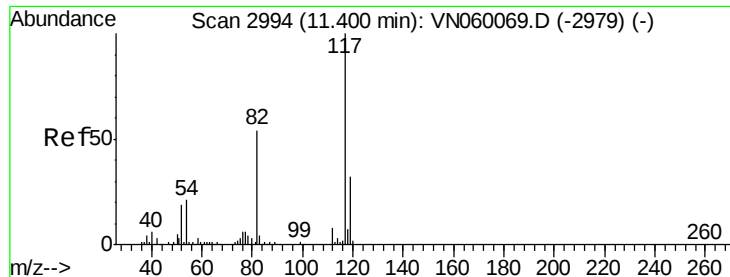


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

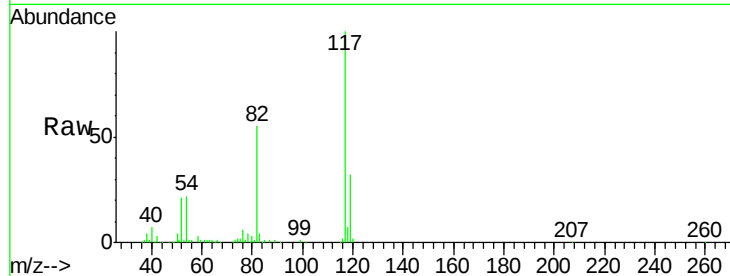




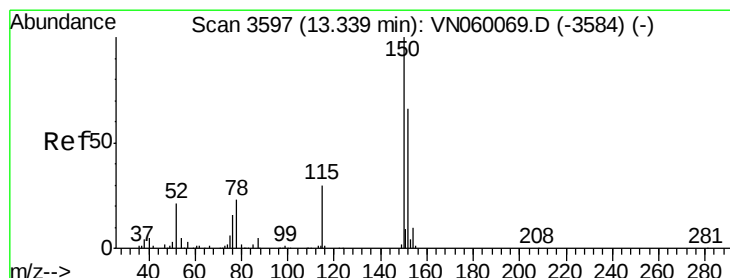
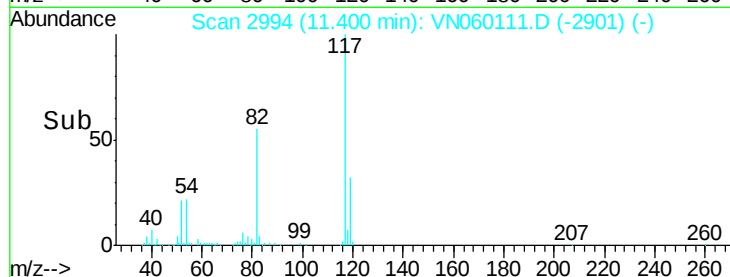
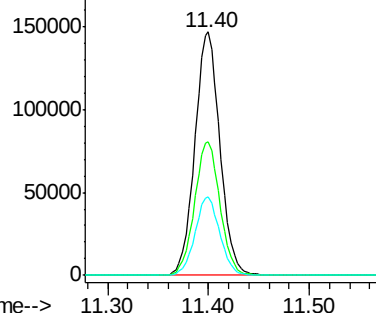
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060111.D
Acq: 17 Feb 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0217MBL01

Tot Ion:117 Resp: 254722
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.0 25.8 38.6

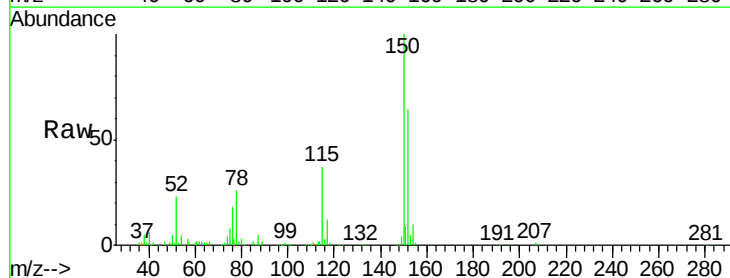


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060111.D
Acq: 17 Feb 2020 12:06

Tgt Ion:152 Resp: 100899
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.8
150 156.6 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

