

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020420\
 Data File : VN059987.D
 Acq On : 4 Feb 2020 11:56
 Operator : JC/MD
 Sample : VN0204WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBL01

Quant Time: Feb 05 01:40:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	311894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	282988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	121445	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	113189	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
35) Dibromofluoromethane	7.57	113	93963	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	10.08	98	371512	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.40	95	128622	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	

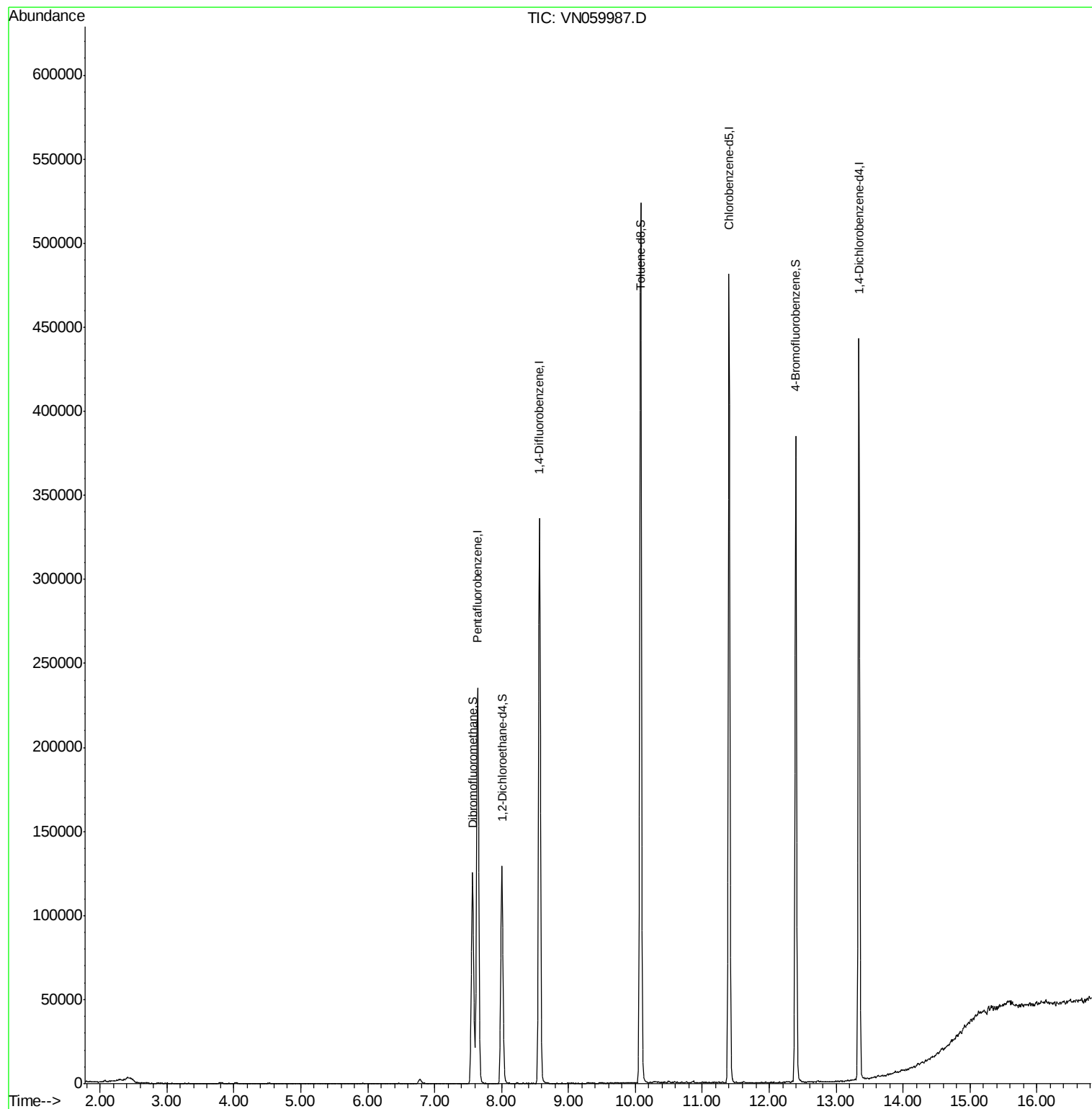
Target Compounds	Qvalue

(#) = 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# 1826

Delta R.T. 0.00 min

Lab File: VN059987.D

Acq: 4 Feb 2020 11:56

Instrument :

MSVOA_N

ClientSampleId :

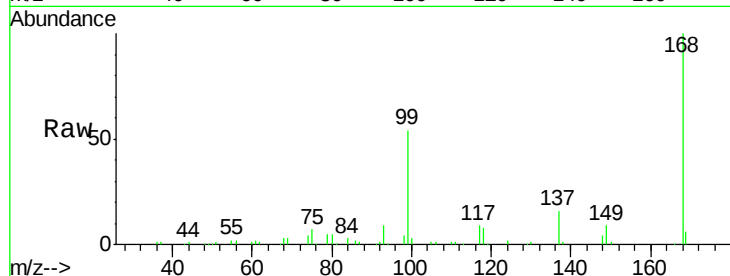
VN0204WBL01

Tot Ion:168 Resp: 200894

Ion Ratio Lower Upper

168 100

99 53.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

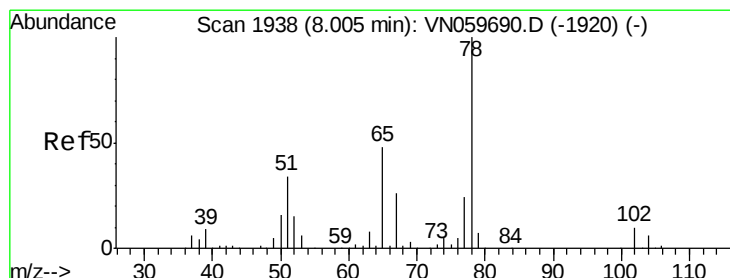
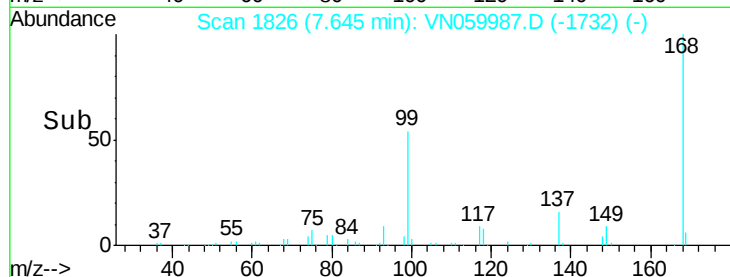
40000

20000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.735 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059987.D

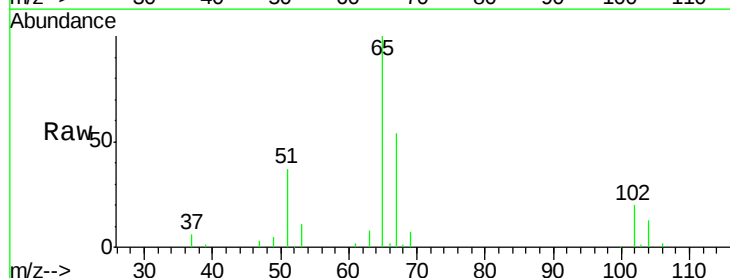
Acq: 4 Feb 2020 11:56

Tgt Ion: 65 Resp: 113189

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.00

50000

40000

30000

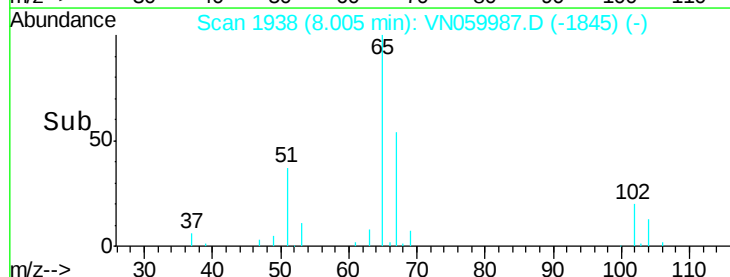
20000

10000

0

7.90 8.00 8.10

Time-->

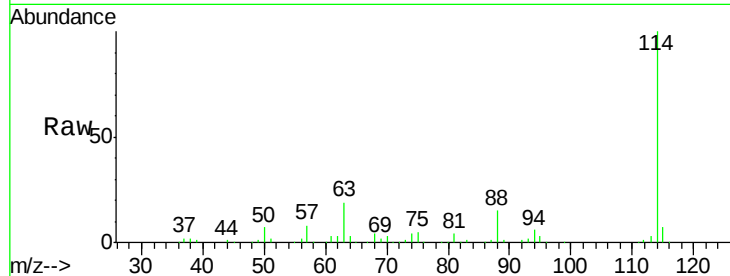




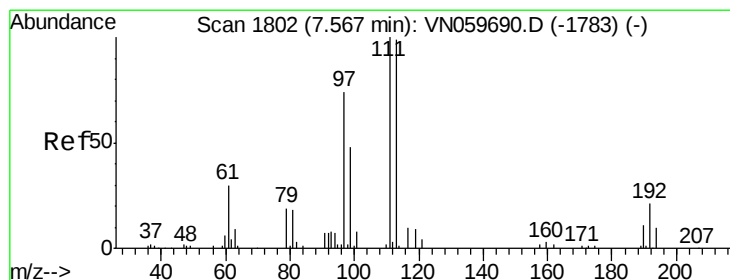
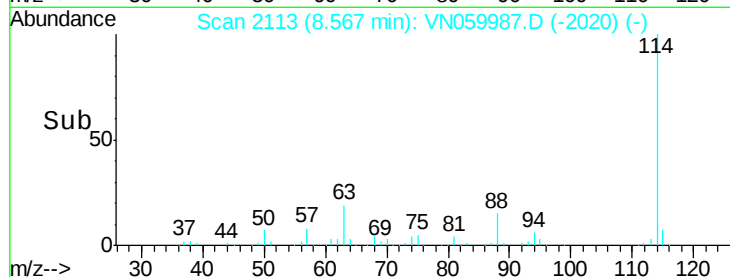
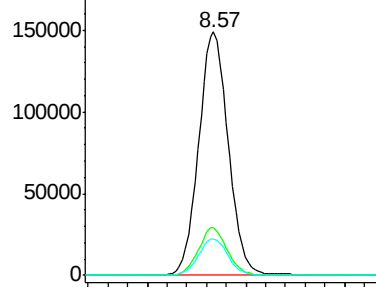
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059987.D
 Acq: 4 Feb 2020 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.6
88	14.8	0.0	31.4

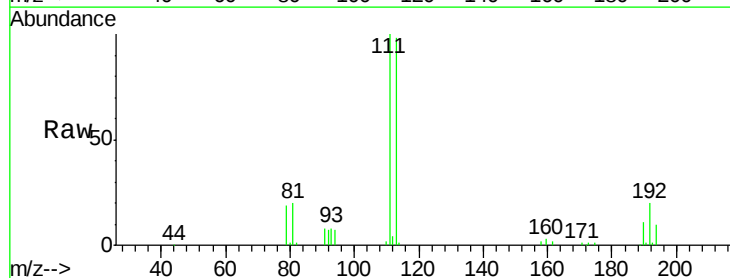


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

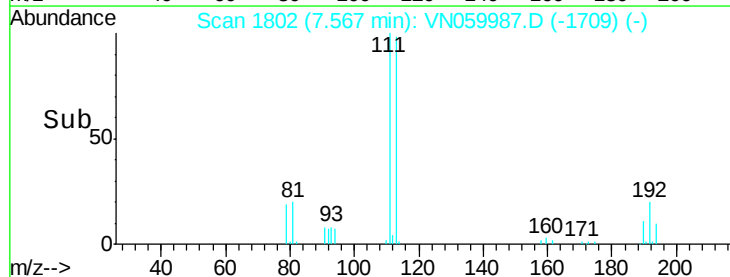
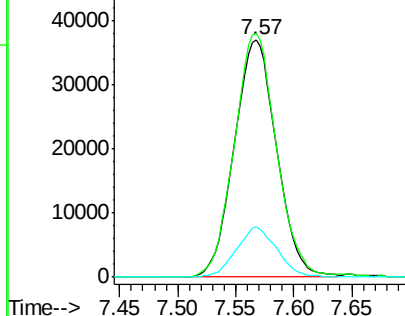


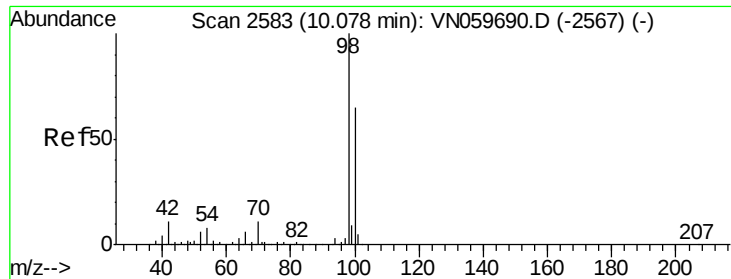
#35
 Dibromofluoromethane
 Concen: 50.519 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059987.D
 Acq: 4 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.5	125.3
192	20.1	15.4	23.2



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: 51.553 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059987.D

Acq: 4 Feb 2020 11:56

Instrument :

MSVOA_N

ClientSampleId :

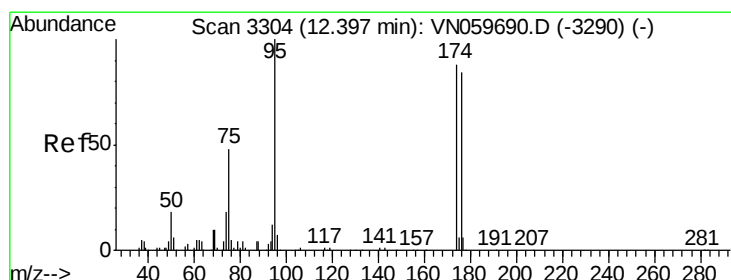
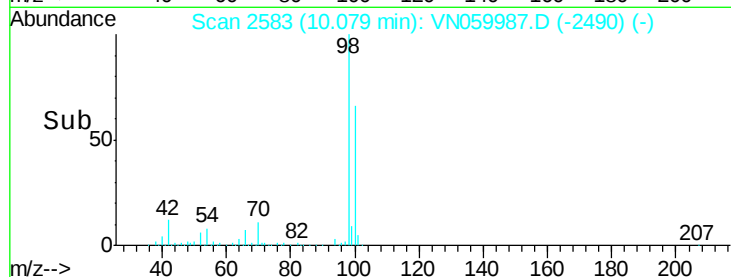
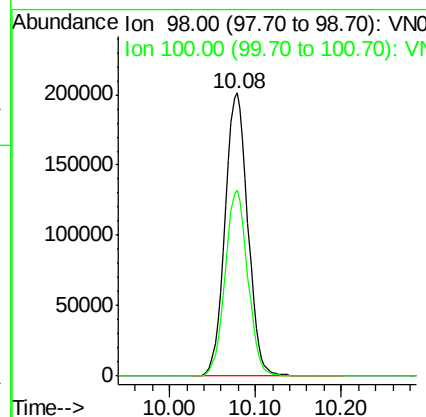
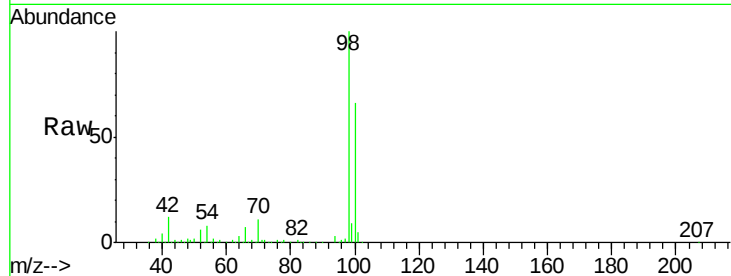
VN0204WBL01

Tot Ion: 98 Resp: 371512

Ion Ratio Lower Upper

98 100

100 65.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 49.510 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059987.D

Acq: 4 Feb 2020 11:56

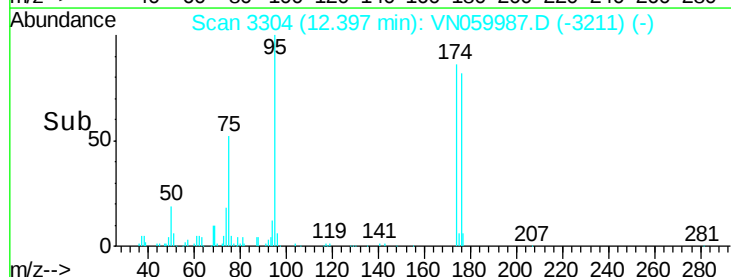
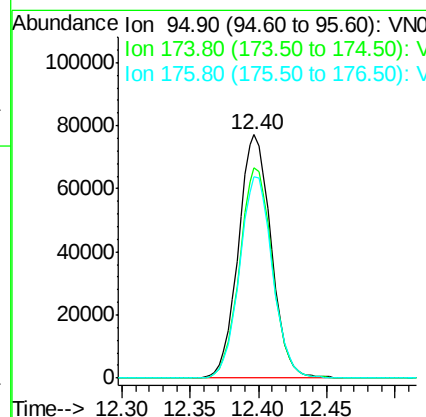
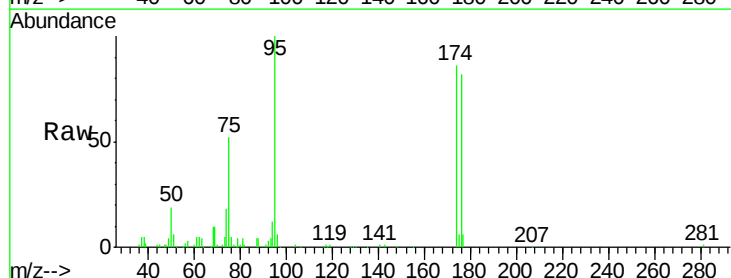
Tgt Ion: 95 Resp: 128622

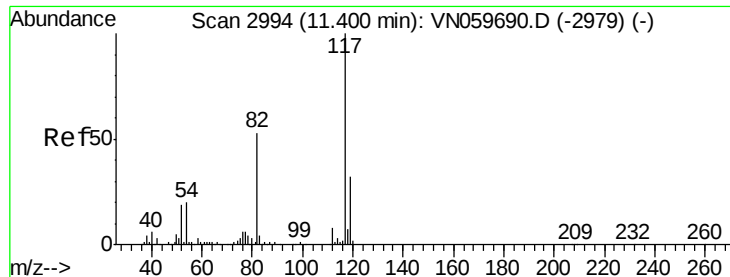
Ion Ratio Lower Upper

95 100

174 86.2 0.0 151.4

176 83.5 0.0 146.0

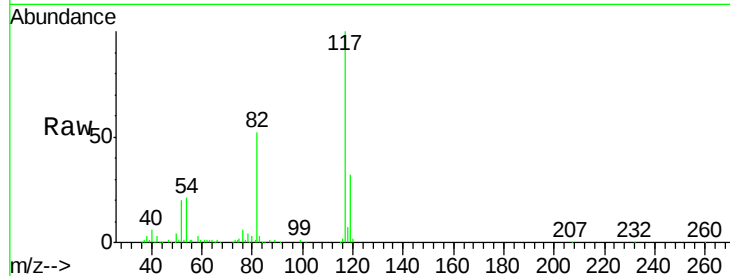




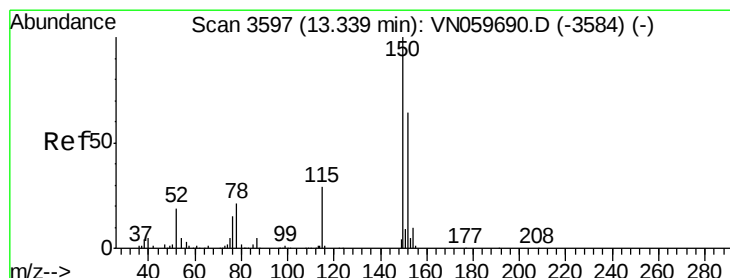
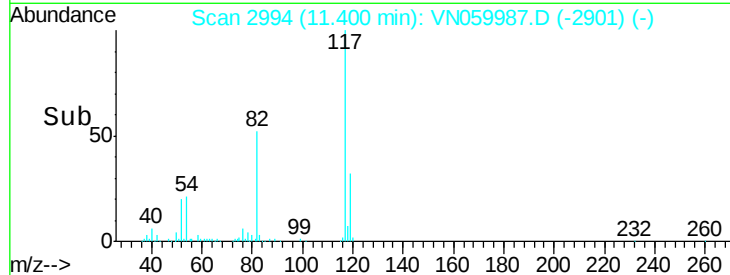
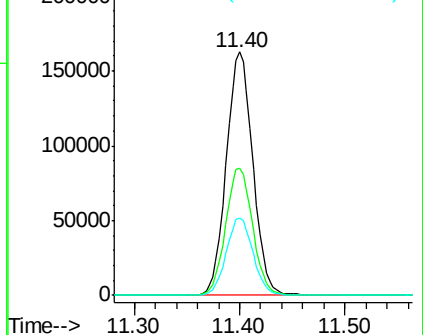
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059987.D
Acq: 4 Feb 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBL01

Tot Ion:117 Resp: 282988
Ion Ratio Lower Upper
117 100
82 52.3 45.9 68.9
119 31.9 25.5 38.3

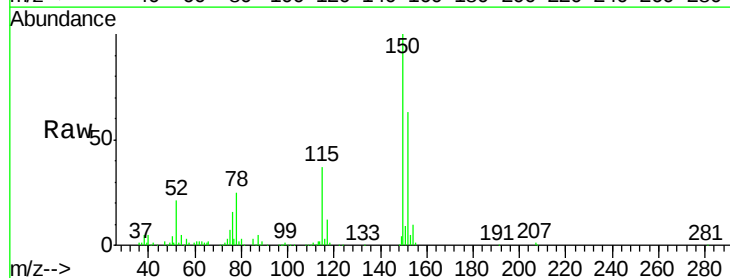


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059987.D
Acq: 4 Feb 2020 11:56

Tgt Ion:152 Resp: 121445
Ion Ratio Lower Upper
152 100
115 58.2 30.3 90.9
150 158.0 0.0 345.2



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

