

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059750.D
 Acq On : 17 Jan 2020 10:40
 Operator : JC/MD
 Sample : VN0117WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBL01

Quant Time: Jan 18 01:09:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	288735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	252198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	107217	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	100814	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	7.56	113	87645	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	10.08	98	331758	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.40	95	113040	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	

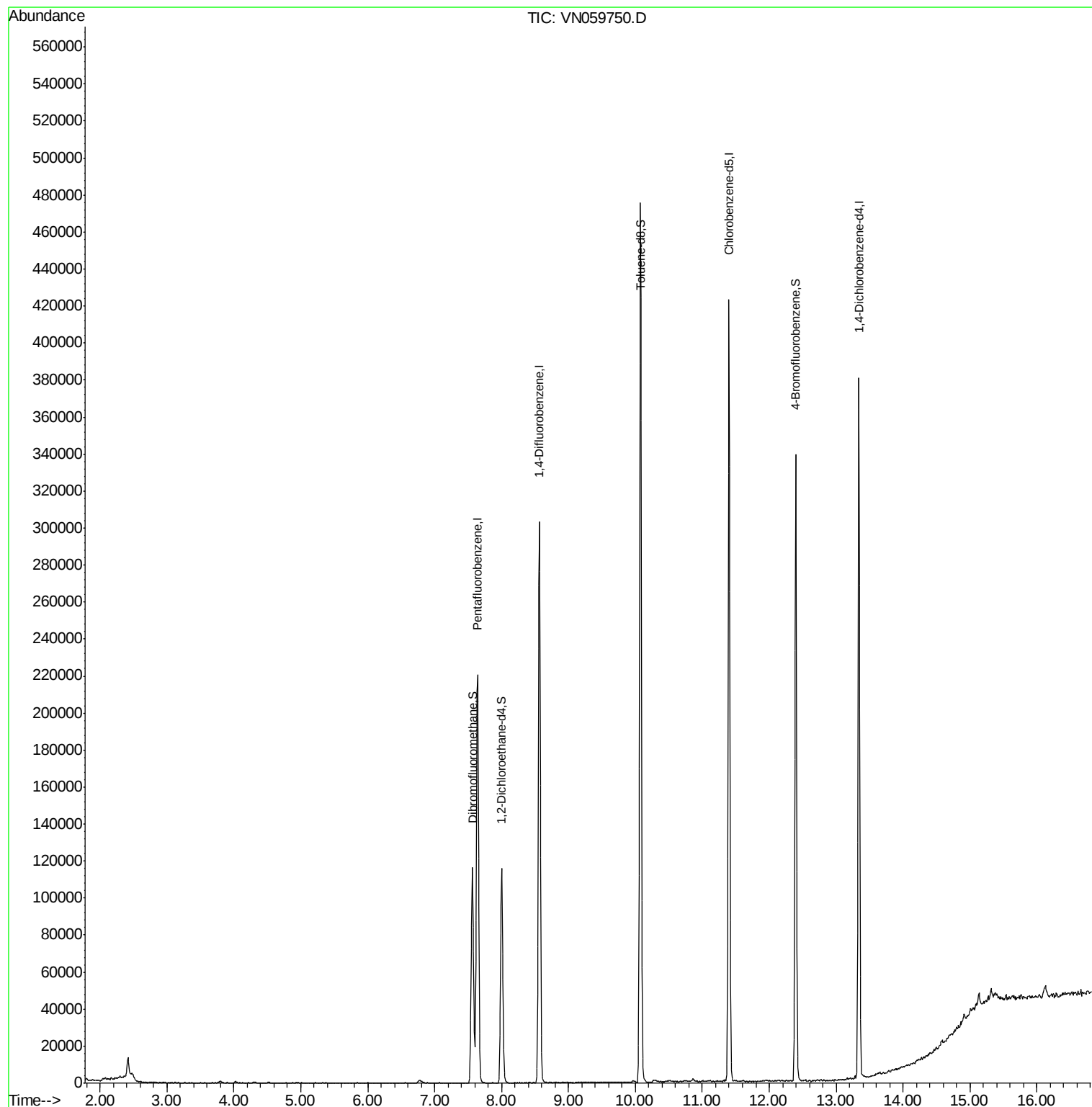
Target Compounds	Qvalue

(#) = 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: VN059750.D

Acq: 17 Jan 2020 10:40

Instrument :

MSVOA_N

ClientSampleId :

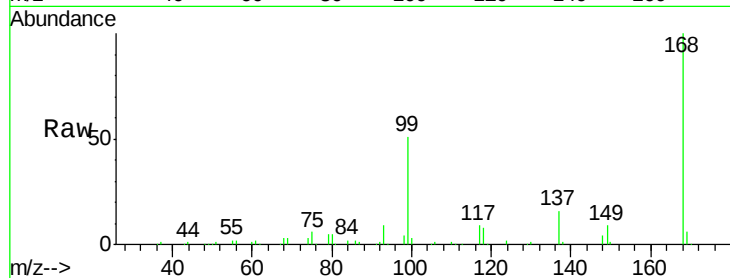
VN0117WBL01

Tot Ion:168 Resp: 193834

Ion Ratio Lower Upper

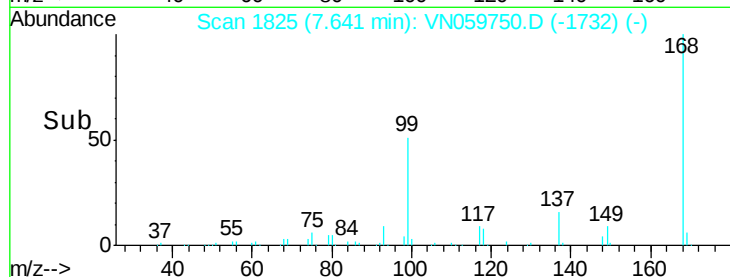
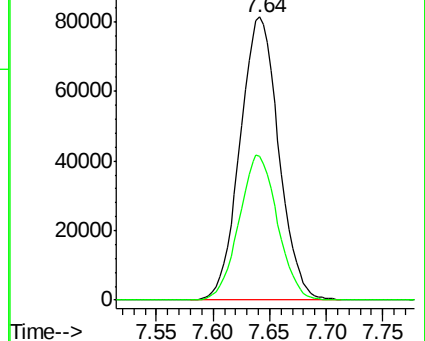
168 100

99 50.7 48.2 72.4



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: 46.834 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059750.D

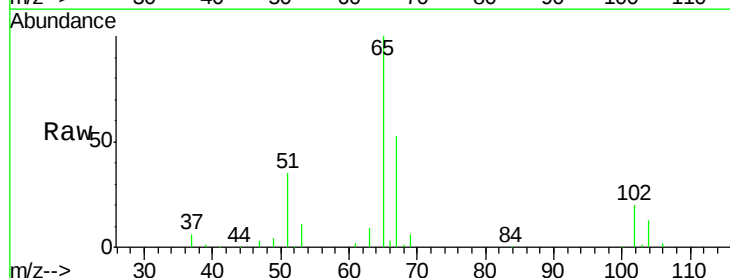
Acq: 17 Jan 2020 10:40

Tgt Ion: 65 Resp: 100814

Ion Ratio Lower Upper

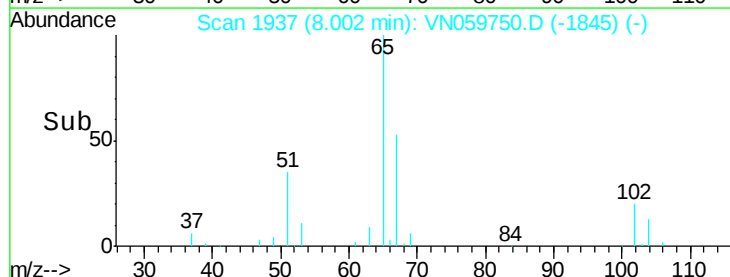
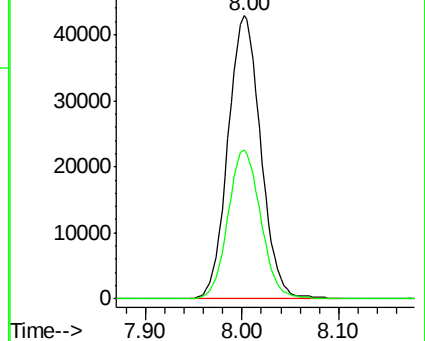
65 100

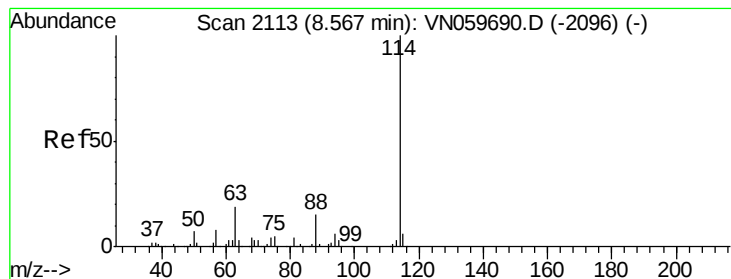
67 52.5 0.0 103.0



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: VN059750.D

Acq: 17 Jan 2020 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBL01

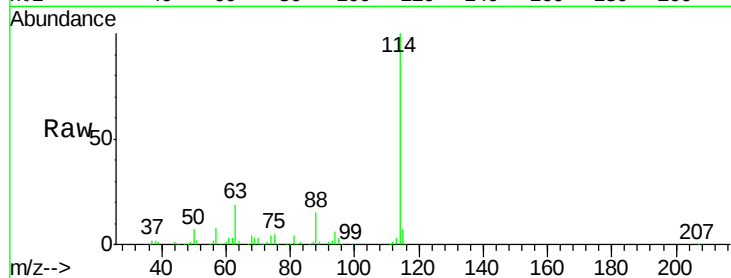
Tot Ion:114 Resp: 288735

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.6

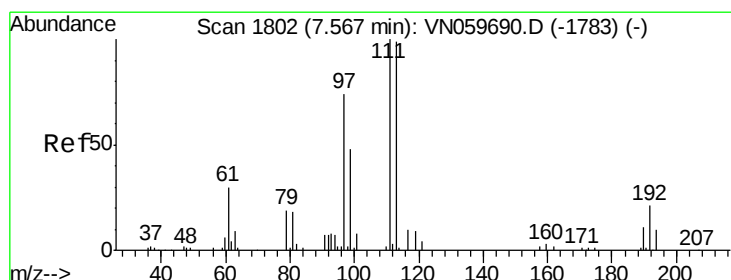
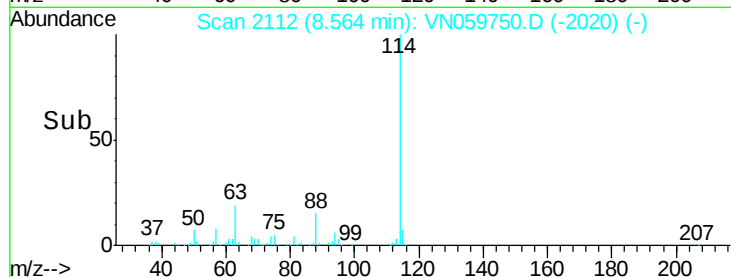
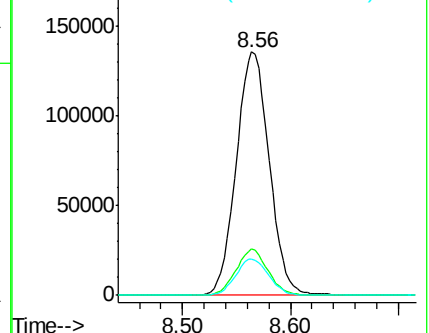
88 14.9 0.0 31.4



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: 50.902 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059750.D

Acq: 17 Jan 2020 10:40

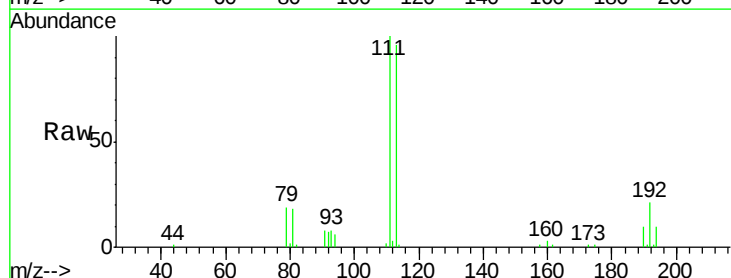
Tgt Ion:113 Resp: 87645

Ion Ratio Lower Upper

113 100

111 103.4 83.5 125.3

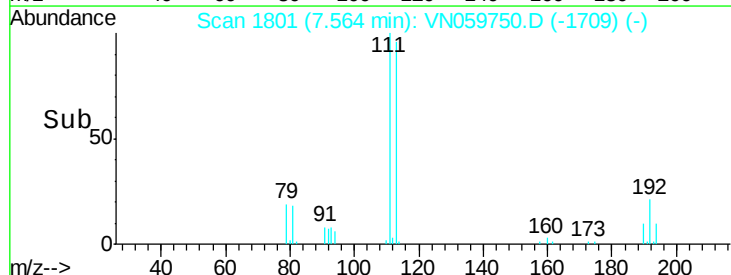
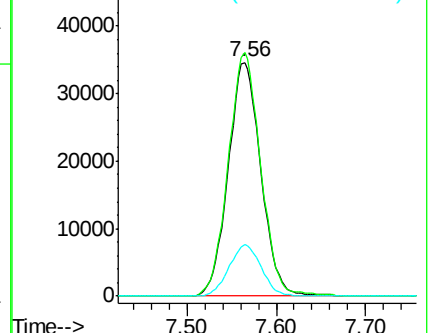
192 21.6 15.4 23.2

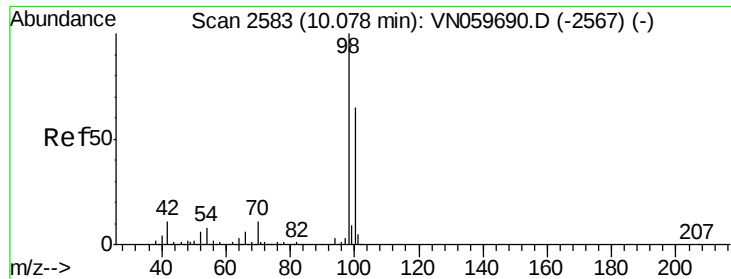


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.729 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059750.D

Acq: 17 Jan 2020 10:40

Instrument :

MSVOA_N

ClientSampleId :

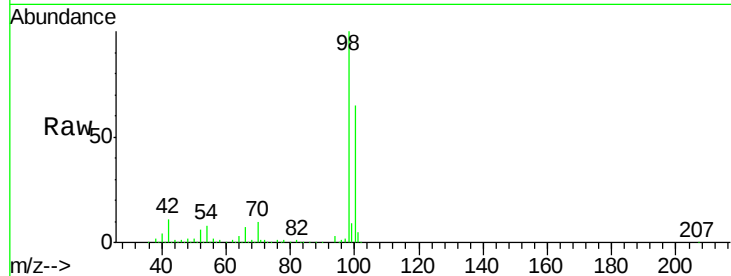
VN0117WBL01

Tot Ion: 98 Resp: 331758

Ion Ratio Lower Upper

98 100

100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

200000

150000

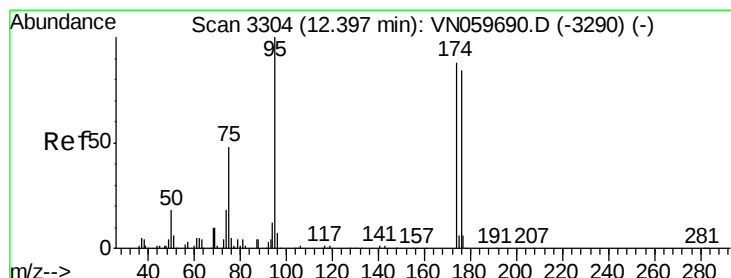
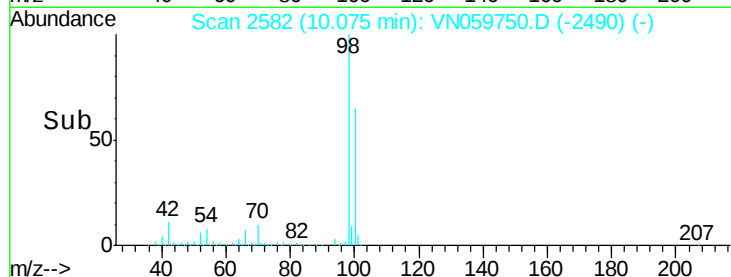
100000

50000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 47.002 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059750.D

Acq: 17 Jan 2020 10:40

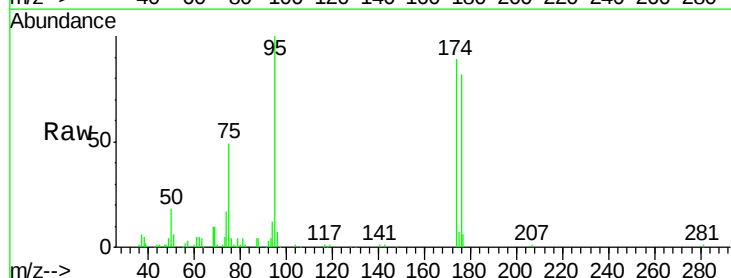
Tgt Ion: 95 Resp: 113040

Ion Ratio Lower Upper

95 100

174 89.7 0.0 151.4

176 86.0 0.0 146.0



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

12.40

80000

60000

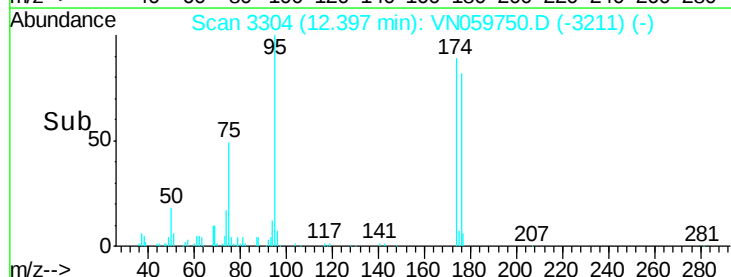
40000

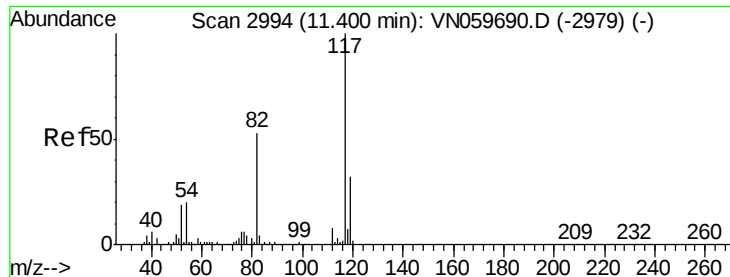
20000

0

Time-->

12.30 12.40 12.50

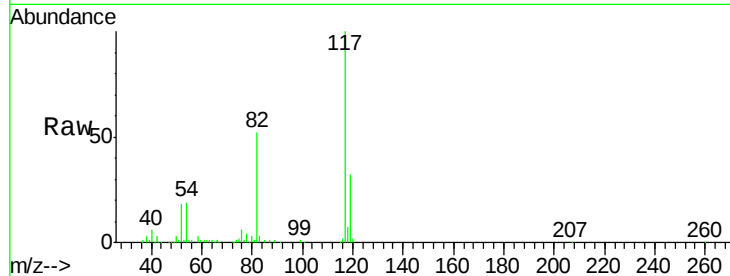




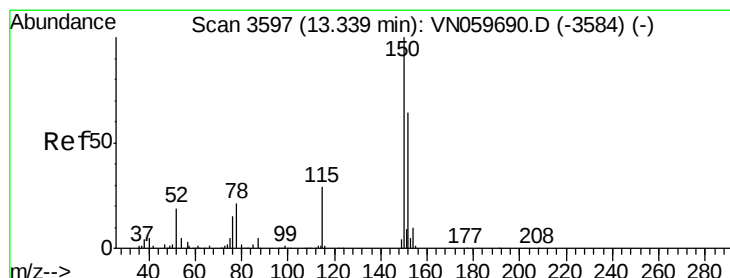
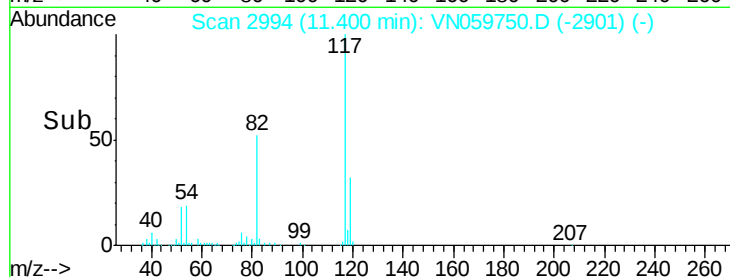
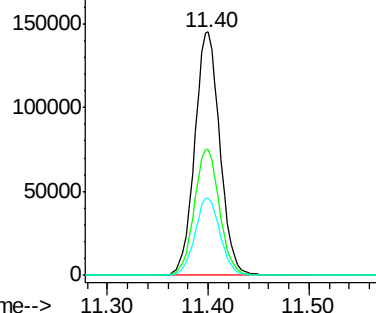
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059750.D
Acq: 17 Jan 2020 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

Tot Ion:117 Resp: 252198
Ion Ratio Lower Upper
117 100
82 51.6 45.9 68.9
119 31.8 25.5 38.3

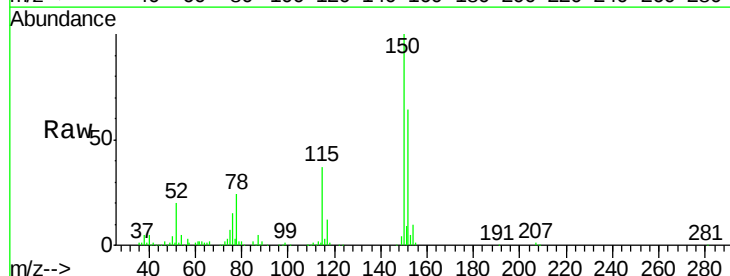


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059750.D
Acq: 17 Jan 2020 10:40

Tgt Ion:152 Resp: 107217
Ion Ratio Lower Upper
152 100
115 57.0 30.3 90.9
150 154.7 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

