

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059803.D
 Acq On : 21 Jan 2020 11:32
 Operator : JC/MD
 Sample : VN0121WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBL01

Quant Time: Jan 22 03:10:12 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	201486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	302495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	257526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103868	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	104207	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
35) Dibromofluoromethane	7.57	113	90197	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.08	98	350678	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.40	95	112428	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	

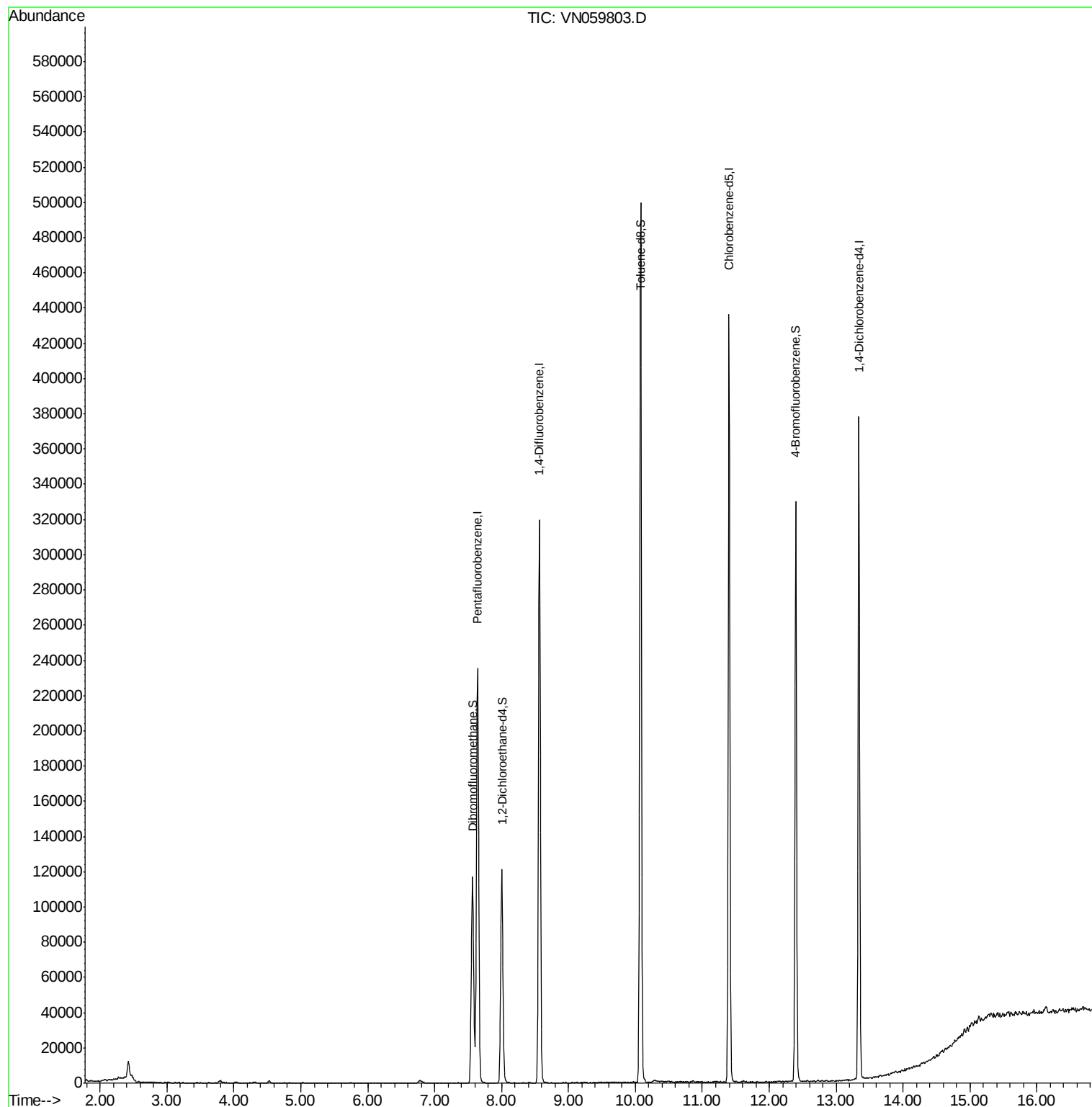
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 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: VN059803.D

Acq: 21 Jan 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

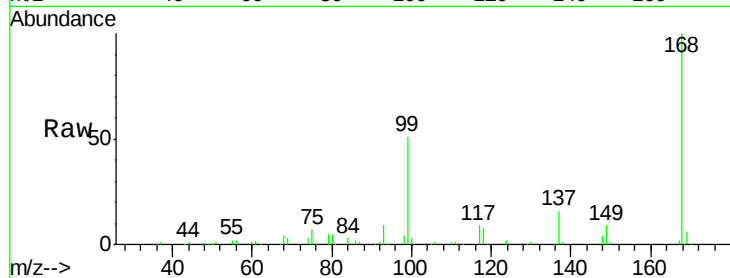
VN0121WBL01

Tot Ion:168 Resp: 201486

Ion Ratio Lower Upper

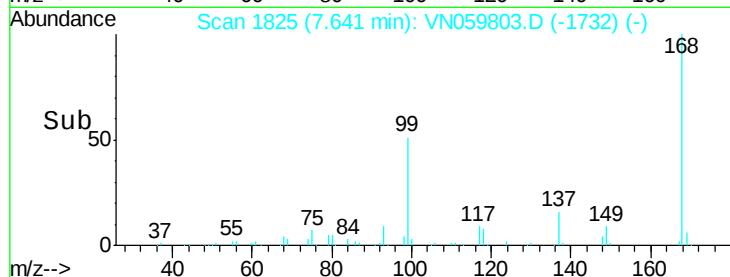
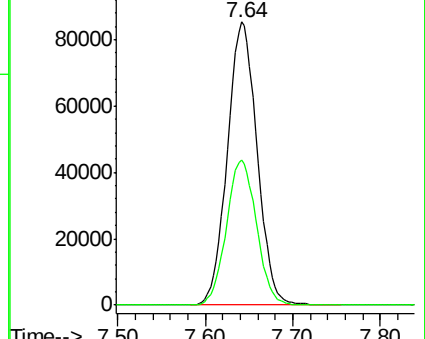
168 100

99 51.1 48.2 72.4



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: 46.572 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059803.D

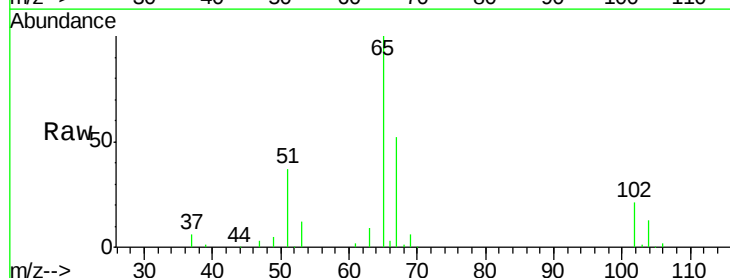
Acq: 21 Jan 2020 11:32

Tgt Ion: 65 Resp: 104207

Ion Ratio Lower Upper

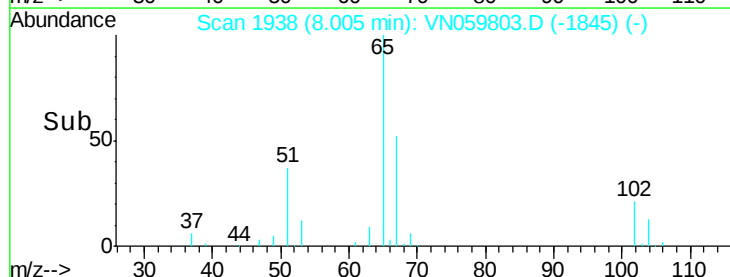
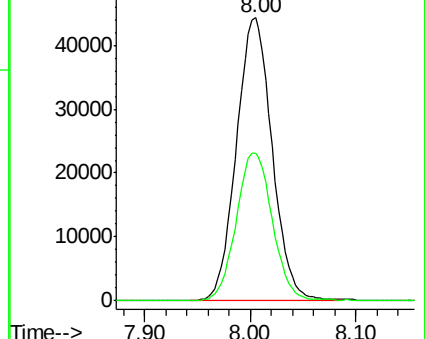
65 100

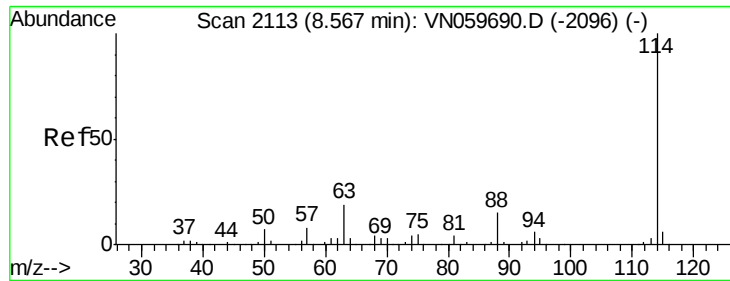
67 52.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

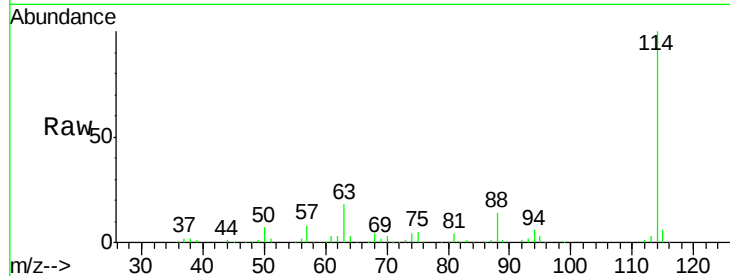




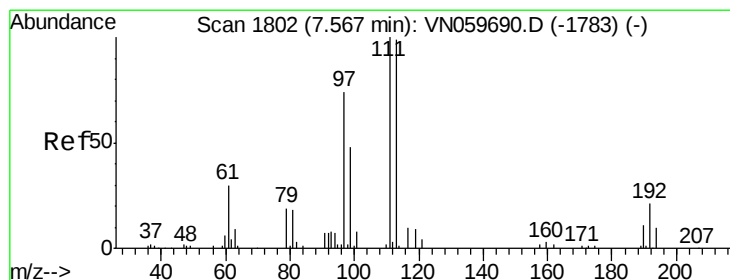
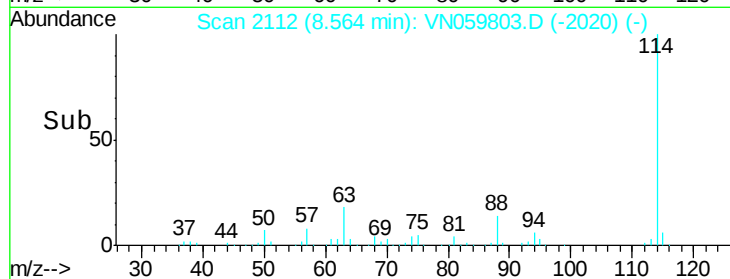
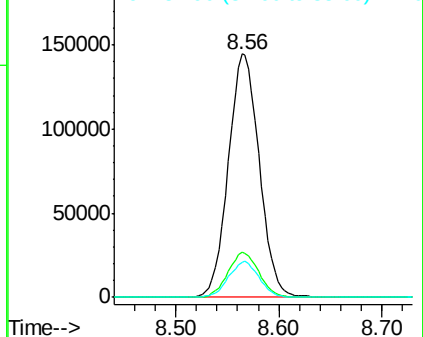
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN059803.D
Acq: 21 Jan 2020 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBL01

Tot Ion:114 Resp: 302495
Ion Ratio Lower Upper
114 100
63 18.3 0.0 43.6
88 14.5 0.0 31.4

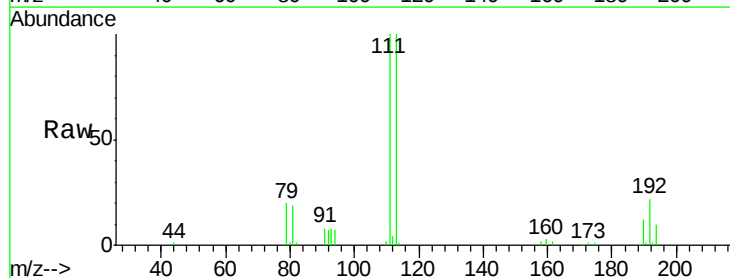


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

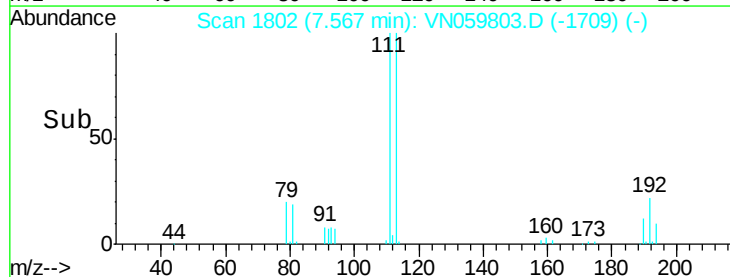
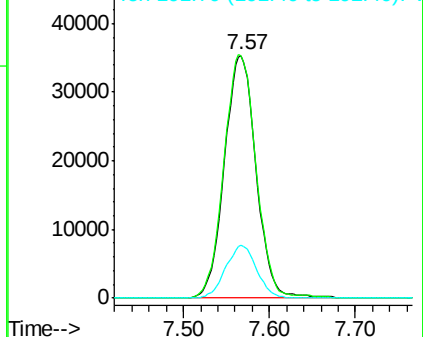


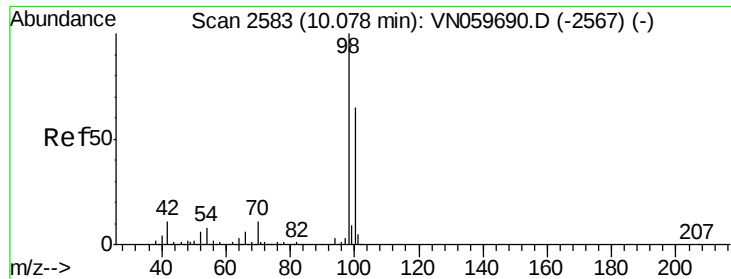
#35
Dibromofluoromethane
Concen: 50.001 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059803.D
Acq: 21 Jan 2020 11:32

Tgt Ion:113 Resp: 90197
Ion Ratio Lower Upper
113 100
111 102.2 83.5 125.3
192 21.1 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: 50.174 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059803.D

Acq: 21 Jan 2020 11:32

Instrument :

MSVOA_N

ClientSampled :

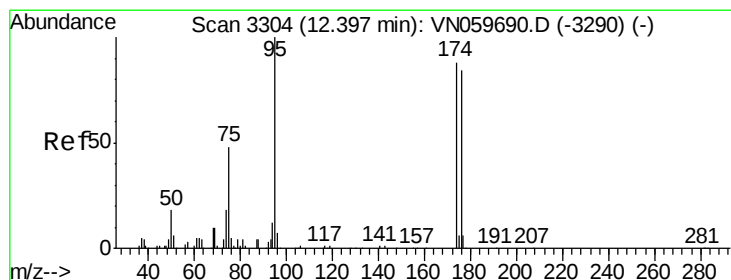
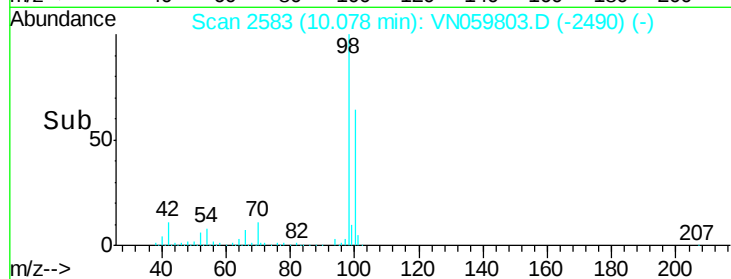
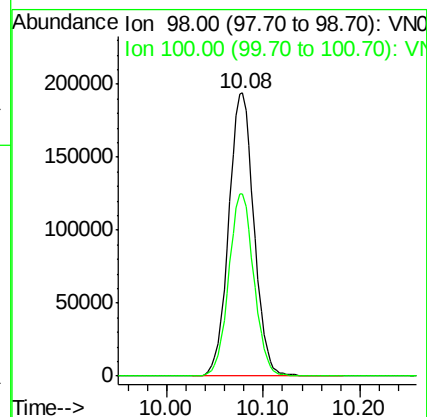
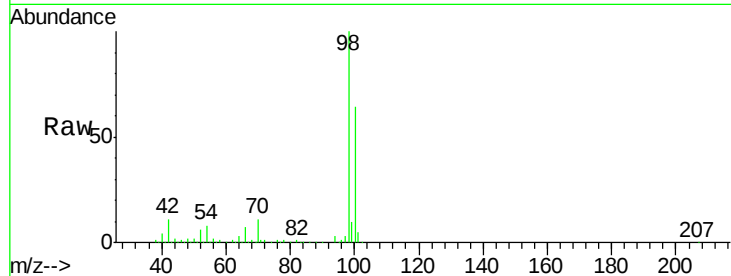
VN0121WBL01

Tot Ion: 98 Resp: 350678

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.621 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059803.D

Acq: 21 Jan 2020 11:32

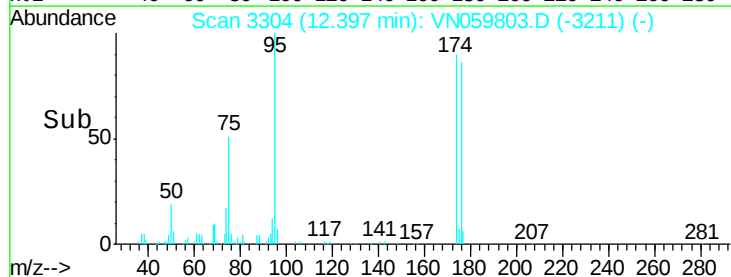
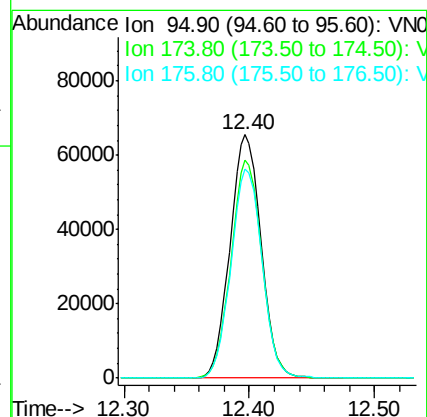
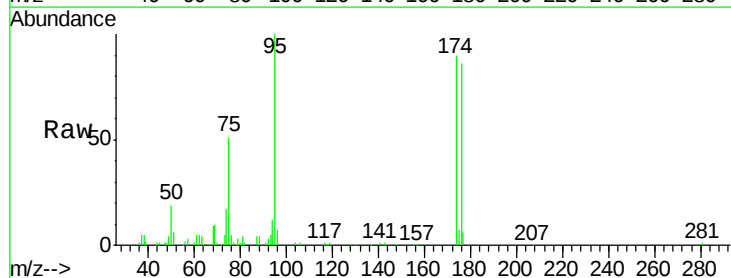
Tgt Ion: 95 Resp: 112428

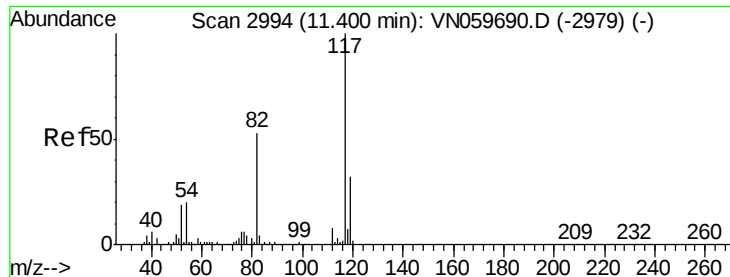
Ion Ratio Lower Upper

95 100

174 88.9 0.0 151.4

176 86.0 0.0 146.0

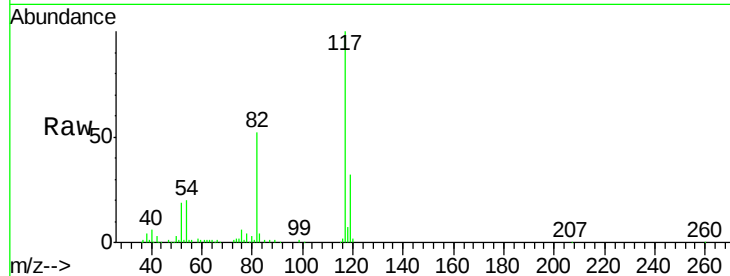




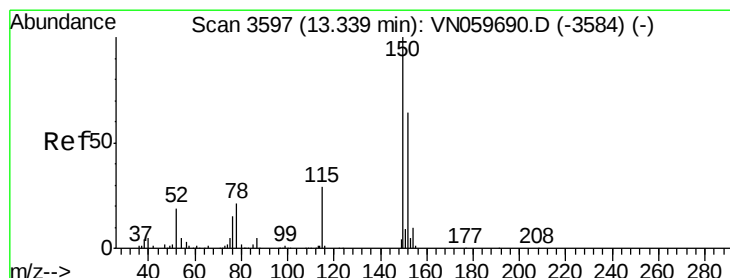
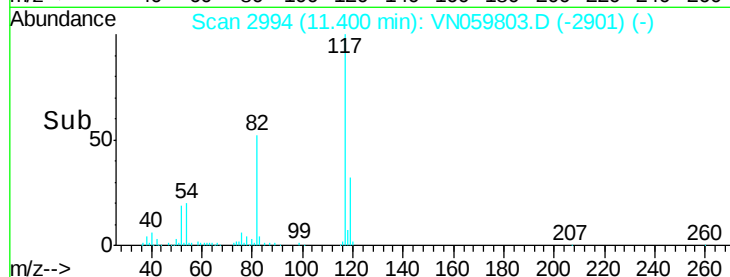
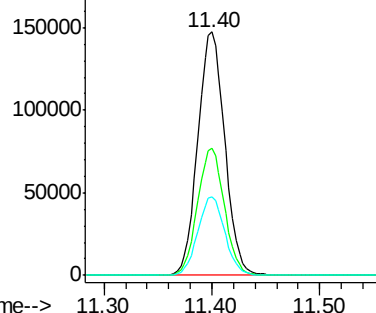
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059803.D
Acq: 21 Jan 2020 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBL01

Tot Ion:117 Resp: 257526
Ion Ratio Lower Upper
117 100
82 52.4 45.9 68.9
119 32.3 25.5 38.3

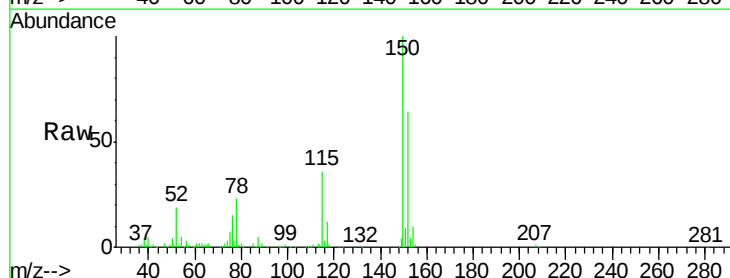


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059803.D
Acq: 21 Jan 2020 11:32

Tgt Ion:152 Resp: 103868
Ion Ratio Lower Upper
152 100
115 56.7 30.3 90.9
150 158.1 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

