

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013020\
 Data File : VN059926.D
 Acq On : 30 Jan 2020 14:04
 Operator : JC/MD
 Sample : VN0130WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBL01

Quant Time: Jan 30 17:02:42 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	195426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	300164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	269300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	115478	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	107864	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	7.57	113	89517	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.08	98	352903	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.40	95	121265	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

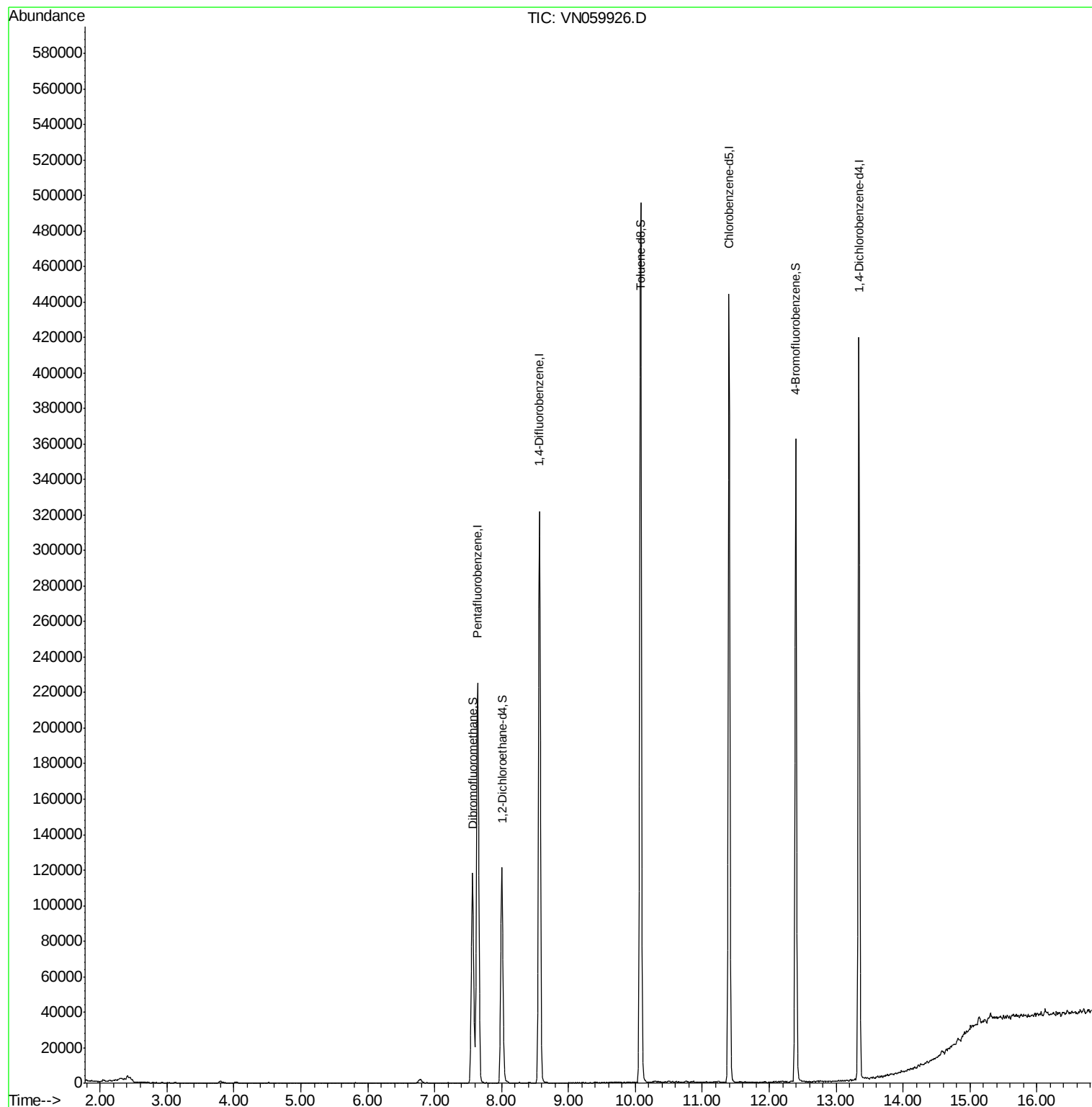
Target Compounds	Qvalue

(#) = 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: VN059926.D

Acq: 30 Jan 2020 14:04

Instrument :

MSVOA_N

ClientSampleId :

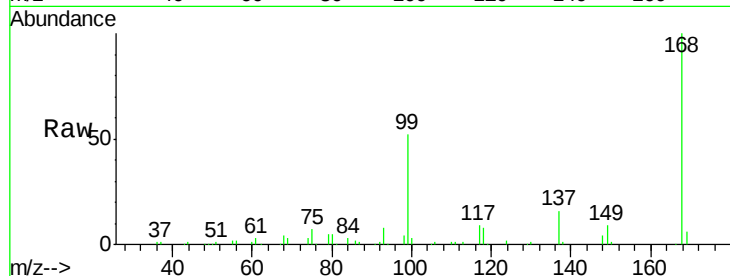
VN0130WBL01

Tot Ion:168 Resp: 195426

Ion Ratio Lower Upper

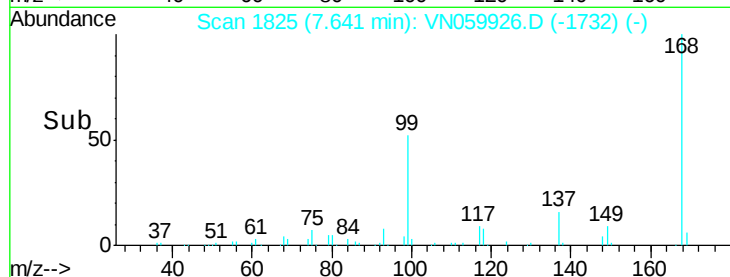
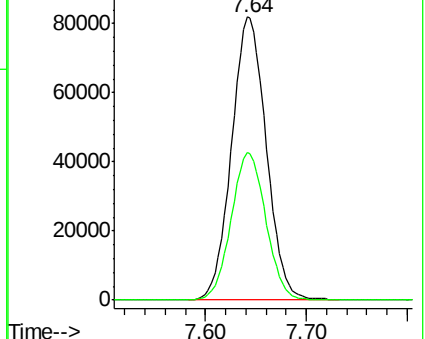
168 100

99 52.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 49.701 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059926.D

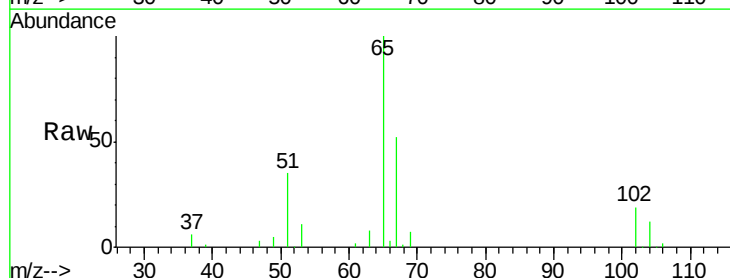
Acq: 30 Jan 2020 14:04

Tgt Ion: 65 Resp: 107864

Ion Ratio Lower Upper

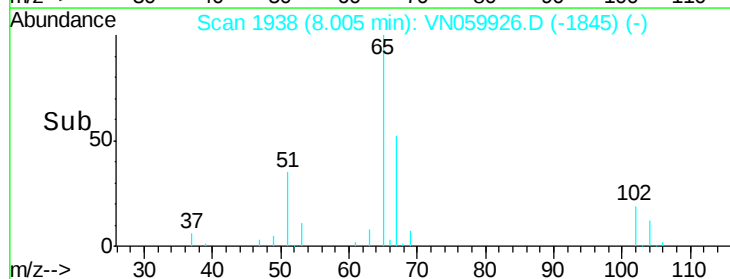
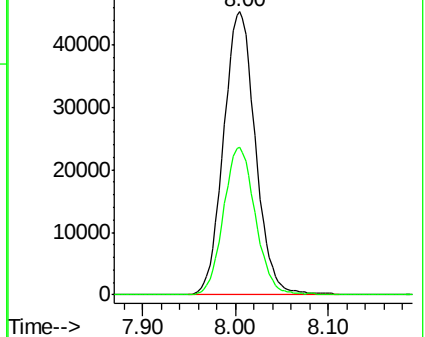
65 100

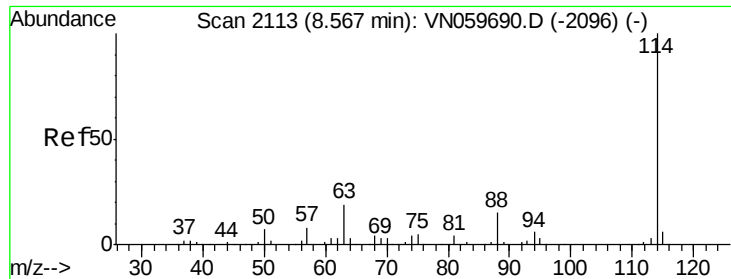
67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

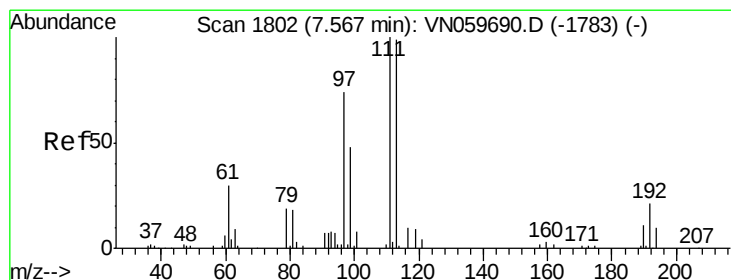
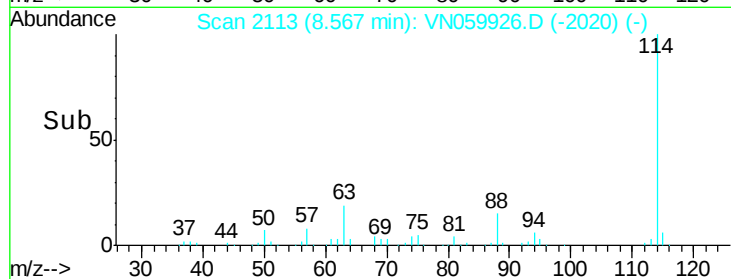
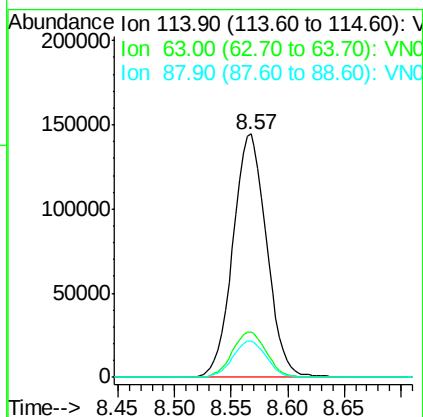
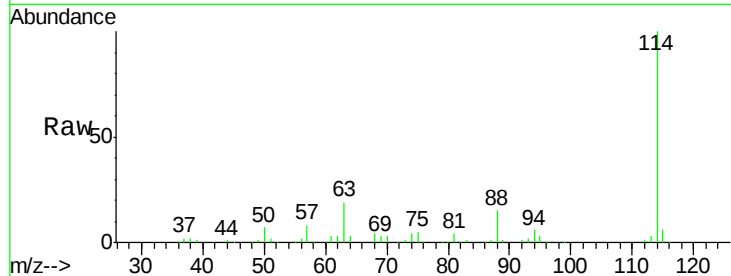




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059926.D
 Acq: 30 Jan 2020 14:04

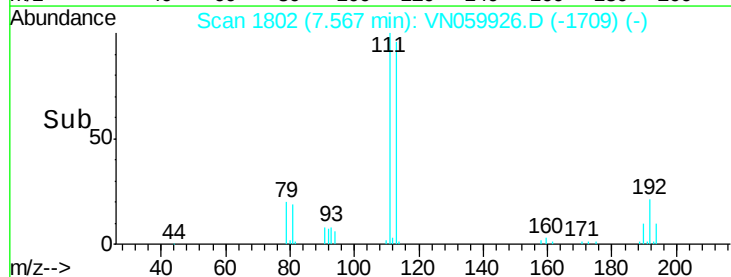
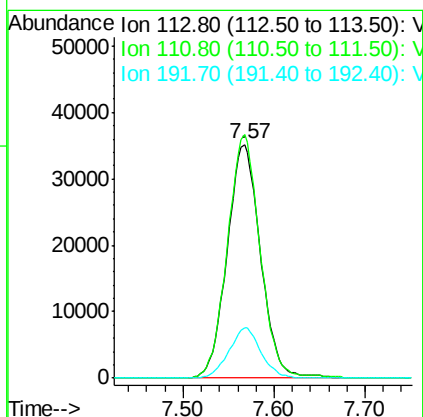
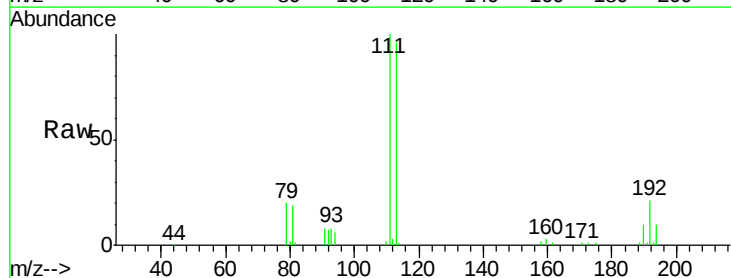
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBL01

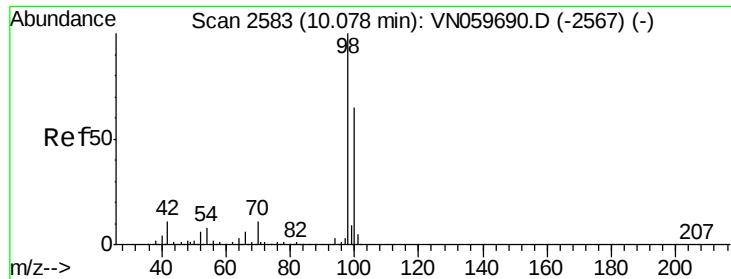
Tot Ion:114 Resp: 300164
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 43.6
 88 14.9 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 50.009 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059926.D
 Acq: 30 Jan 2020 14:04

Tgt Ion:113 Resp: 89517
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.5 125.3
 192 20.5 15.4 23.2





#50

Toluene-d8

Concen: 50.884 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059926.D

Acq: 30 Jan 2020 14:04

Instrument :

MSVOA_N

ClientSampleId :

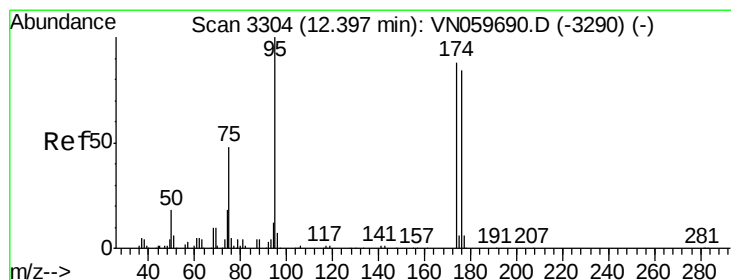
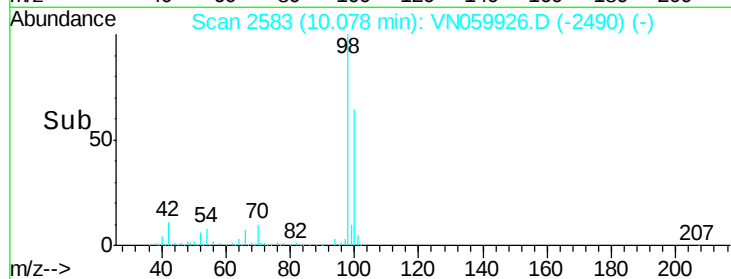
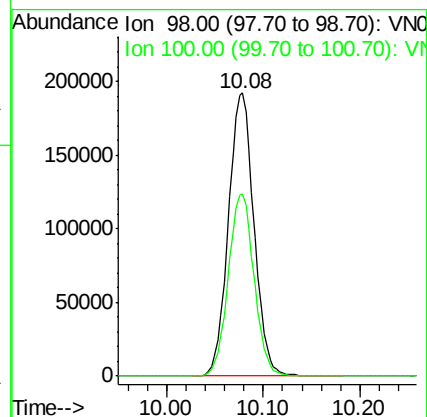
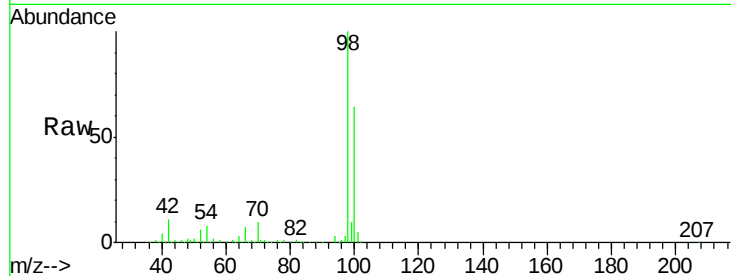
VN0130WBL01

Tot Ion: 98 Resp: 352903

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 48.502 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059926.D

Acq: 30 Jan 2020 14:04

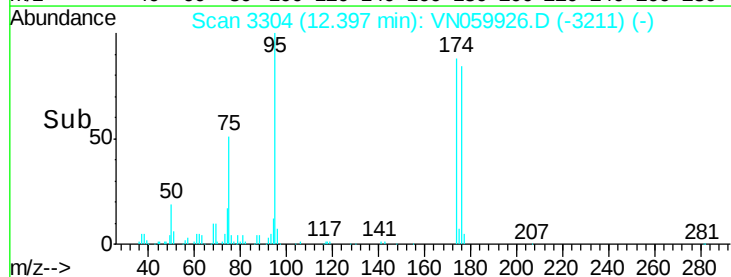
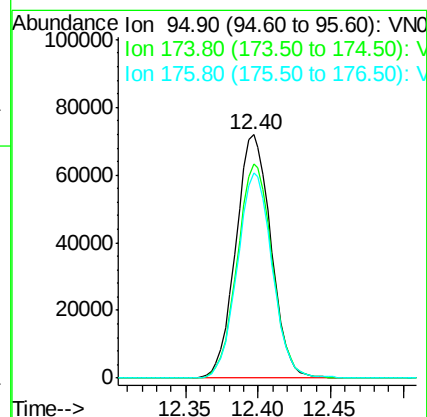
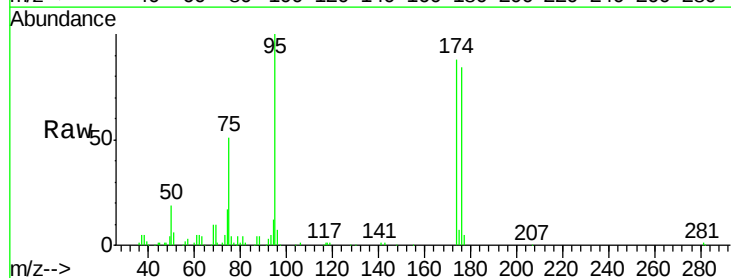
Tgt Ion: 95 Resp: 121265

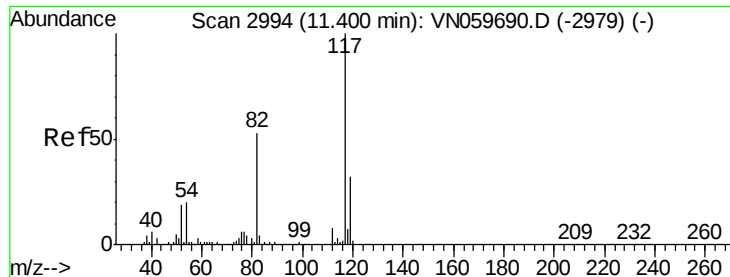
Ion Ratio Lower Upper

95 100

174 87.4 0.0 151.4

176 83.7 0.0 146.0

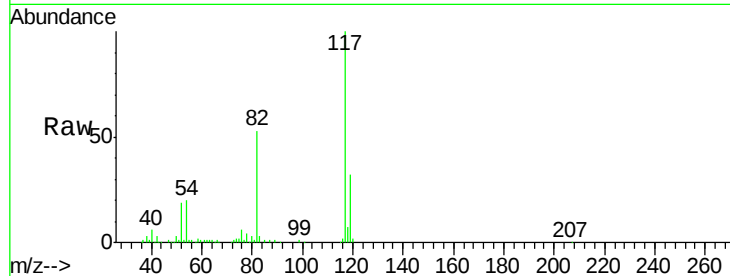




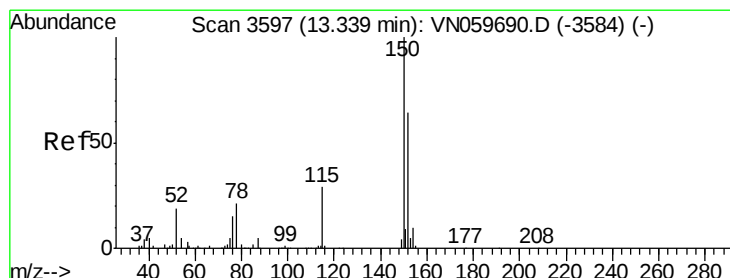
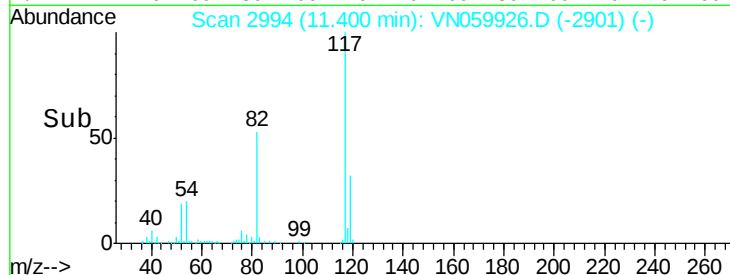
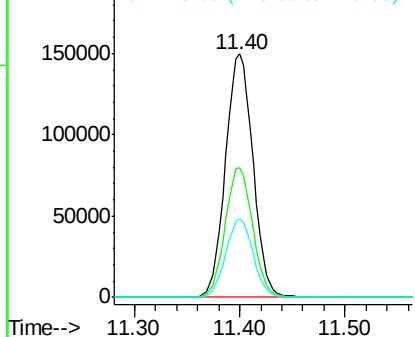
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059926.D
Acq: 30 Jan 2020 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBL01

Tot Ion:117 Resp: 269300
Ion Ratio Lower Upper
117 100
82 53.4 45.9 68.9
119 32.1 25.5 38.3

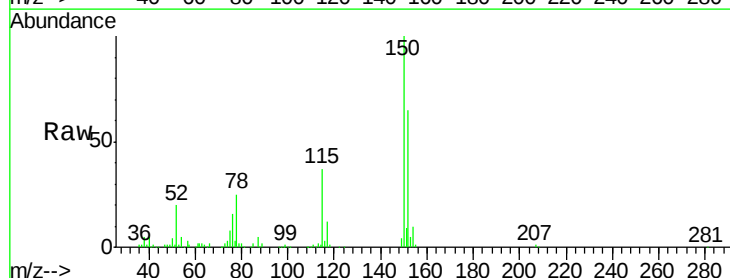


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059926.D
Acq: 30 Jan 2020 14:04

Tgt Ion:152 Resp: 115478
Ion Ratio Lower Upper
152 100
115 56.7 30.3 90.9
150 156.0 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

