

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011420\
 Data File : VN059697.D
 Acq On : 14 Jan 2020 10:33
 Operator : JC/MD
 Sample : VN0114WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBL01

Quant Time: Jan 14 22:49:54 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	191436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	285048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	240125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	100385	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	98277	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
35) Dibromofluoromethane	7.57	113	85809	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.08	98	319595	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.40	95	108727	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	

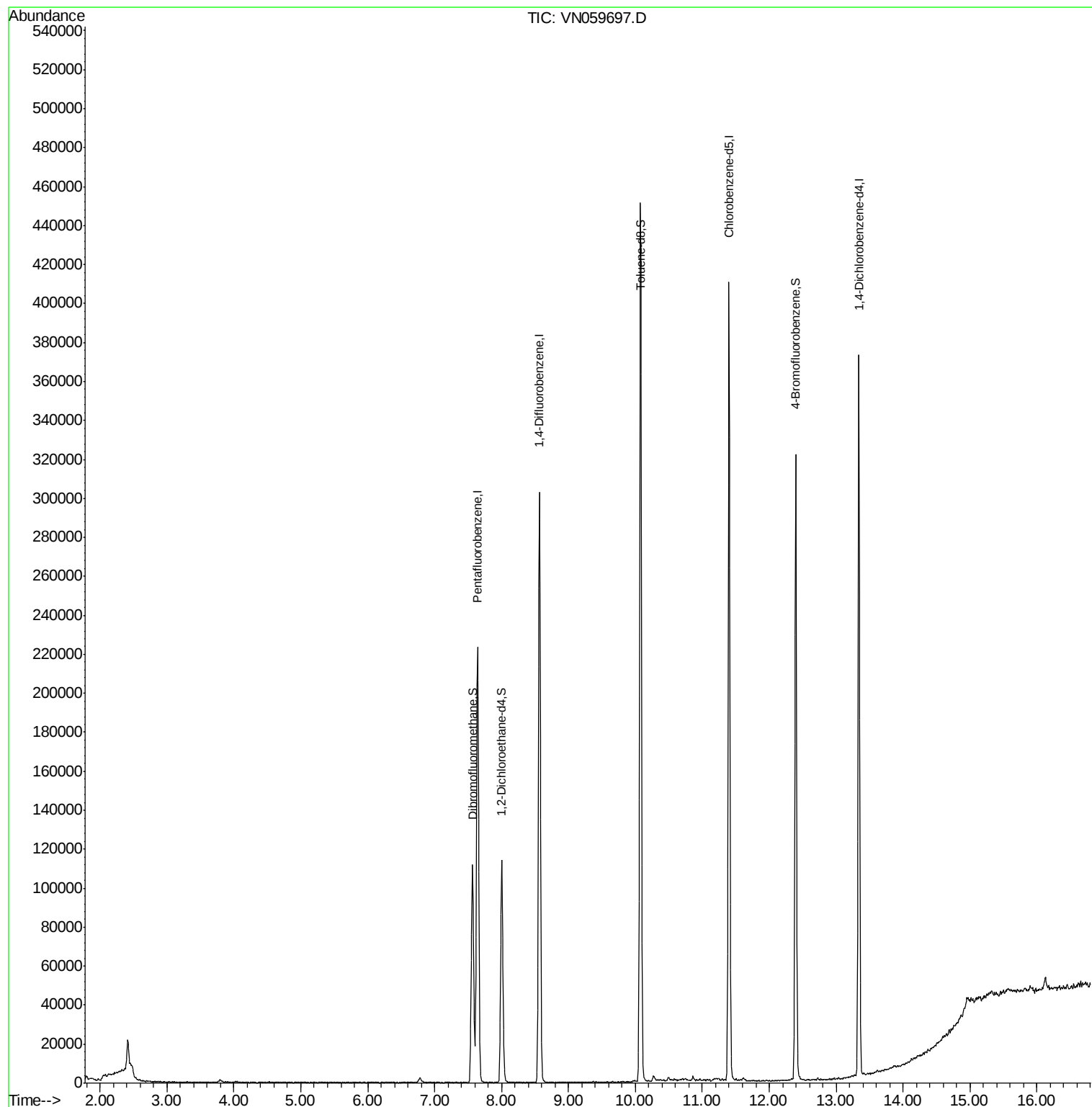
Target Compounds	Qvalue

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

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QLast Update : Tue Jan 14 08:58:21 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: VN059697.D

Acq: 14 Jan 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

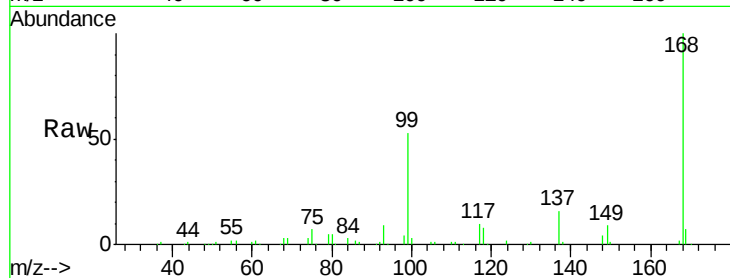
VN0114WBL01

Tot Ion:168 Resp: 191436

Ion Ratio Lower Upper

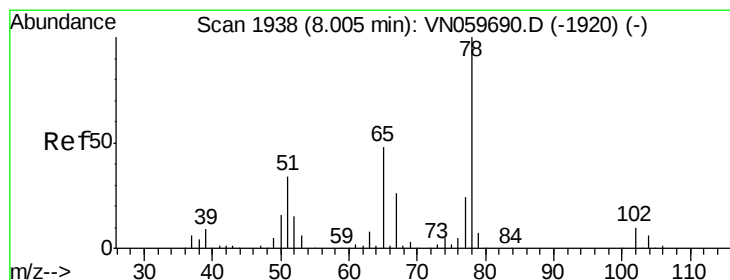
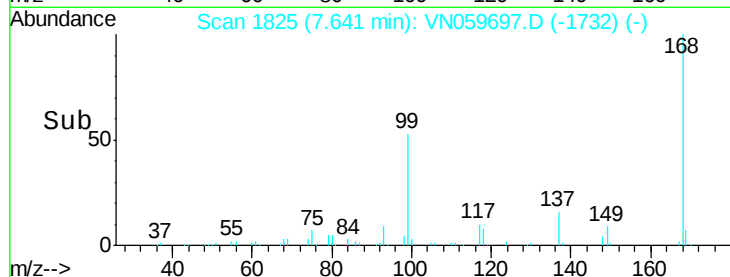
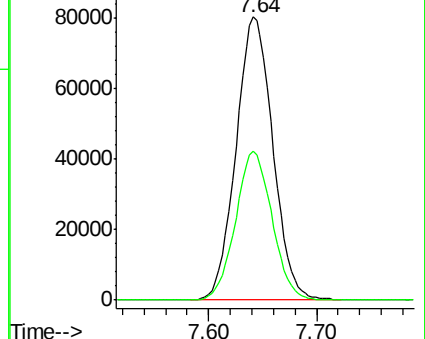
168 100

99 52.7 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: 46.227 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059697.D

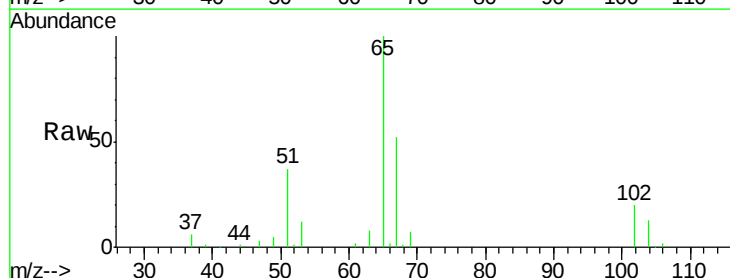
Acq: 14 Jan 2020 10:33

Tgt Ion: 65 Resp: 98277

Ion Ratio Lower Upper

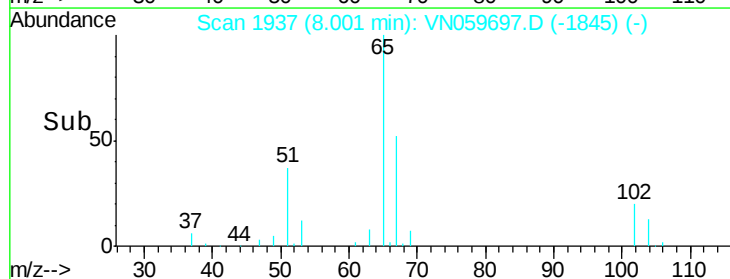
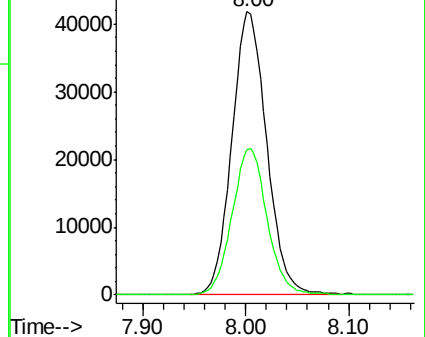
65 100

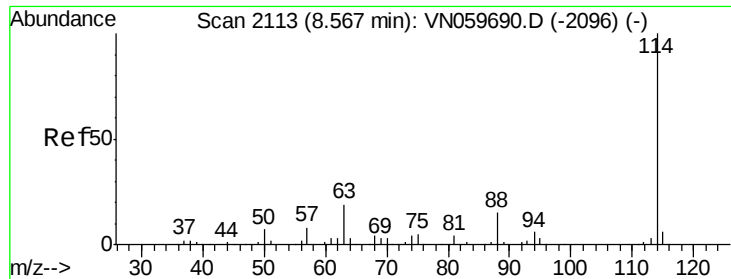
67 52.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

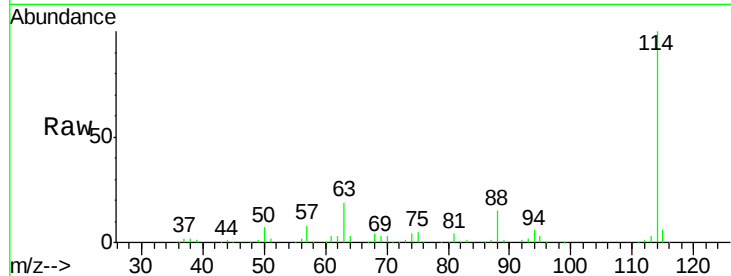




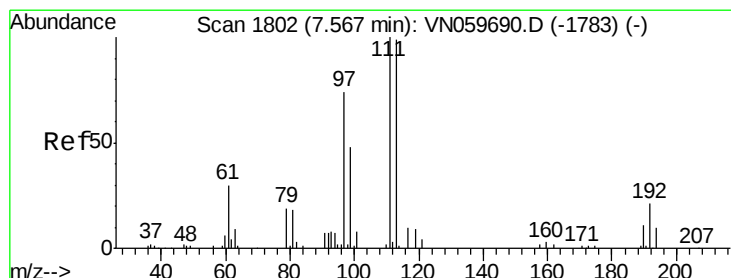
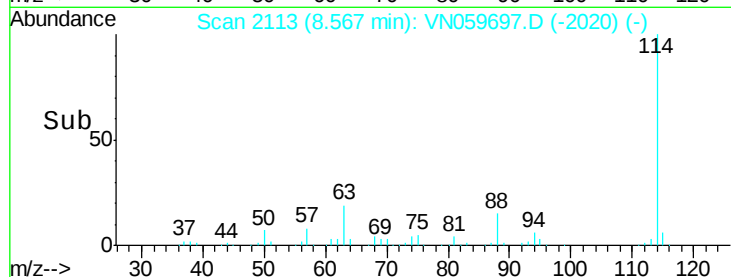
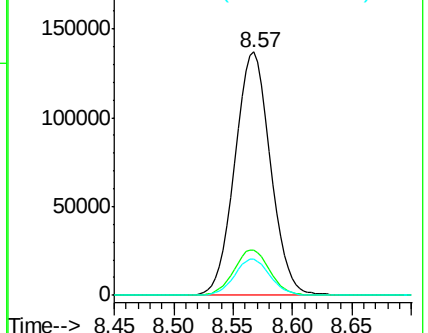
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059697.D
Acq: 14 Jan 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0114WBL01

Tot Ion:114 Resp: 285048
Ion Ratio Lower Upper
114 100
63 18.6 0.0 43.6
88 14.7 0.0 31.4

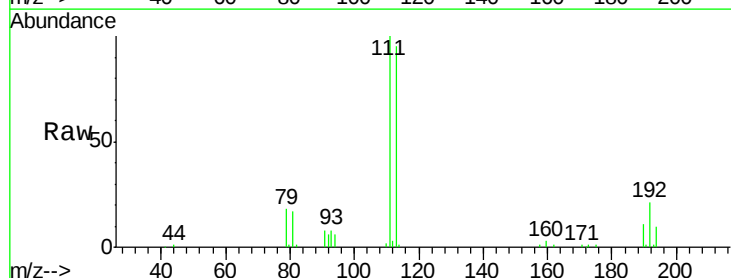


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

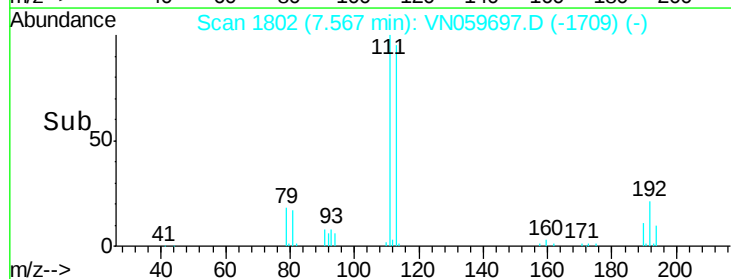
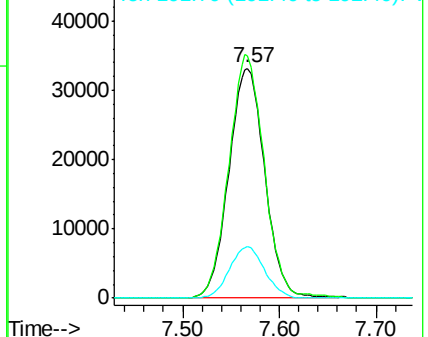


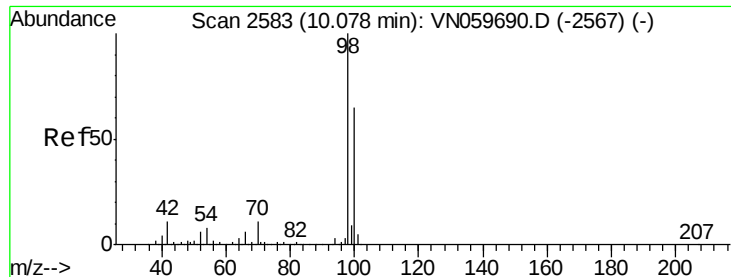
#35
Dibromofluoromethane
Concen: 50.480 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059697.D
Acq: 14 Jan 2020 10:33

Tgt Ion:113 Resp: 85809
Ion Ratio Lower Upper
113 100
111 103.9 83.5 125.3
192 21.7 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: 48.525 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059697.D

Acq: 14 Jan 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

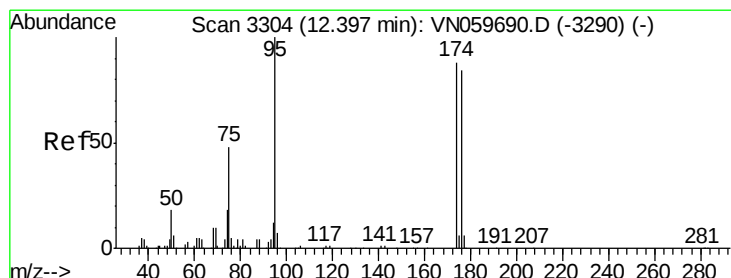
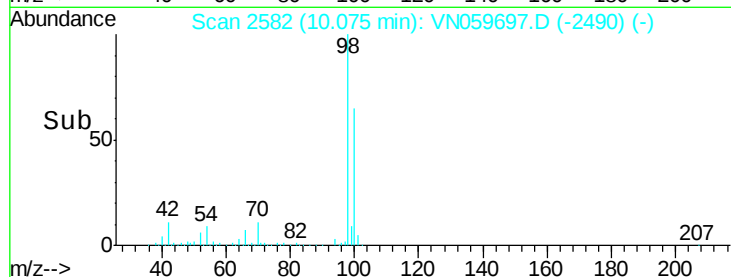
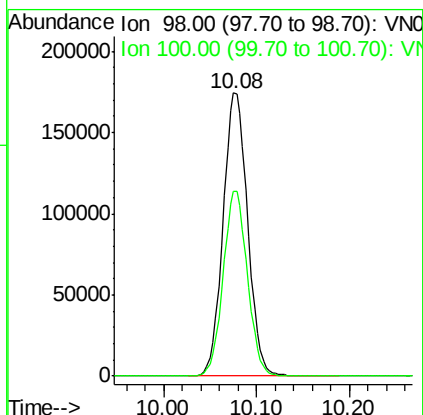
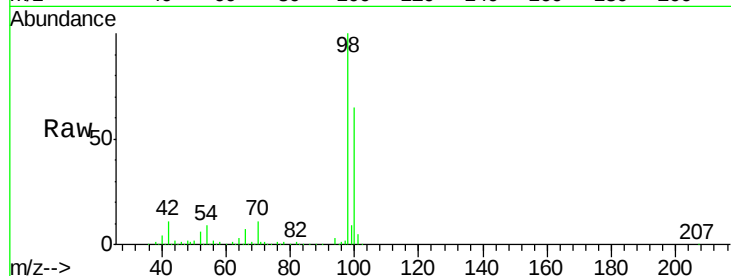
VN0114WBL01

Tot Ion: 98 Resp: 319595

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.793 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059697.D

Acq: 14 Jan 2020 10:33

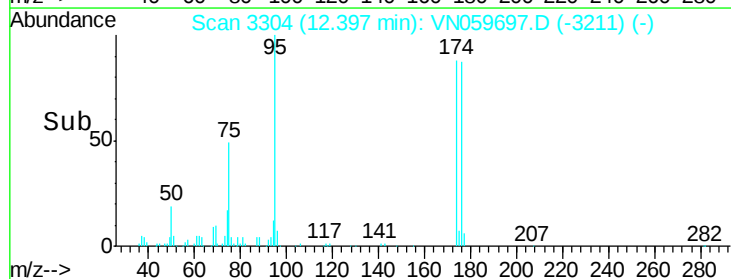
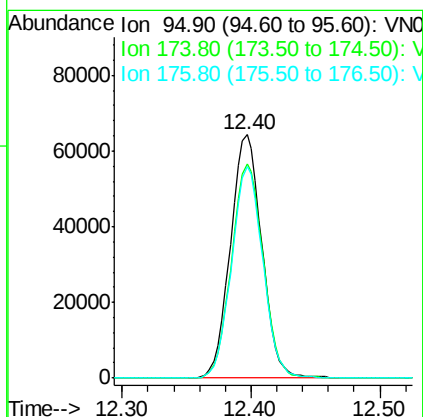
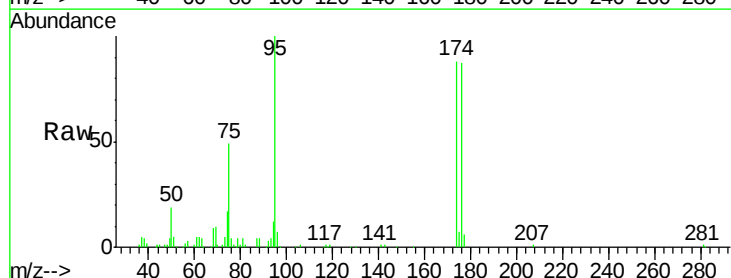
Tgt Ion: 95 Resp: 108727

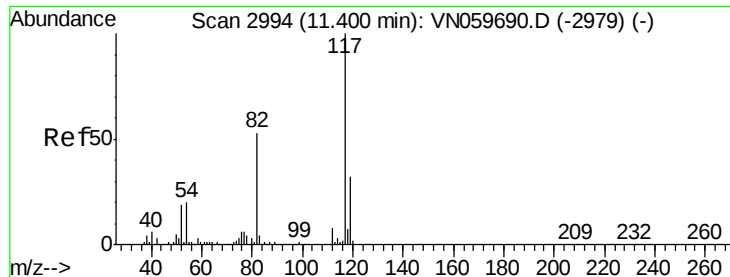
Ion Ratio Lower Upper

95 100

174 88.8 0.0 151.4

176 86.1 0.0 146.0

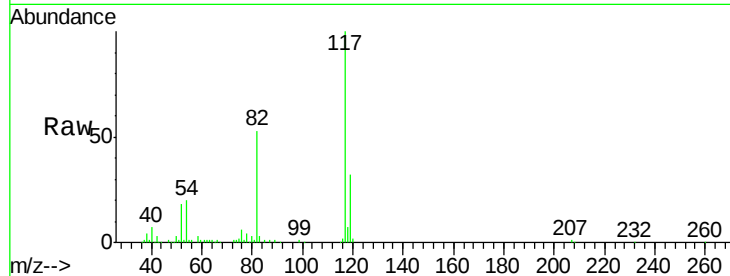




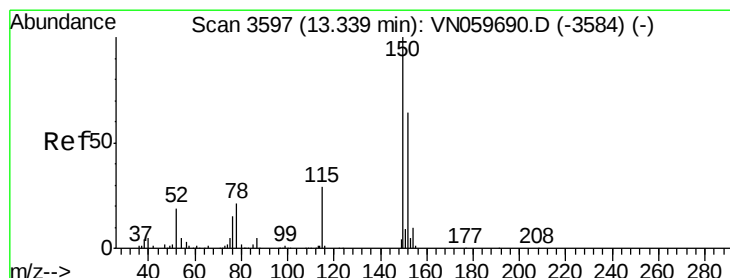
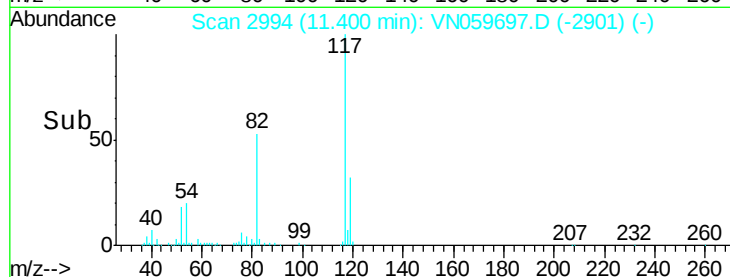
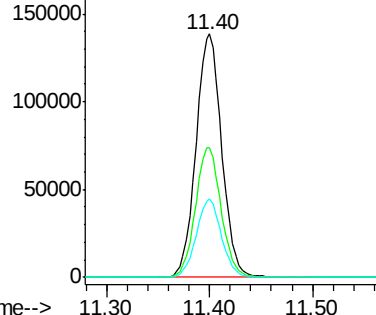
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059697.D
Acq: 14 Jan 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0114WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.9	68.9
119	32.0	25.5	38.3

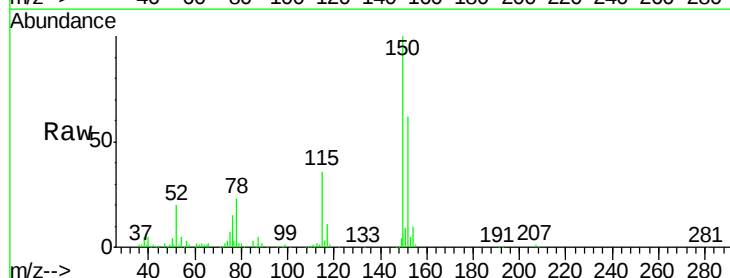


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059697.D
Acq: 14 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.3	90.9
150	160.2	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

