

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059939.D
 Acq On : 31 Jan 2020 11:33
 Operator : JC/MD
 Sample : VN0131WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBL01

Quant Time: Feb 03 02:42:01 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	175720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	264889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	228917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	85624	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97141	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.57	113	79692	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.08	98	313190	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.40	95	98123	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

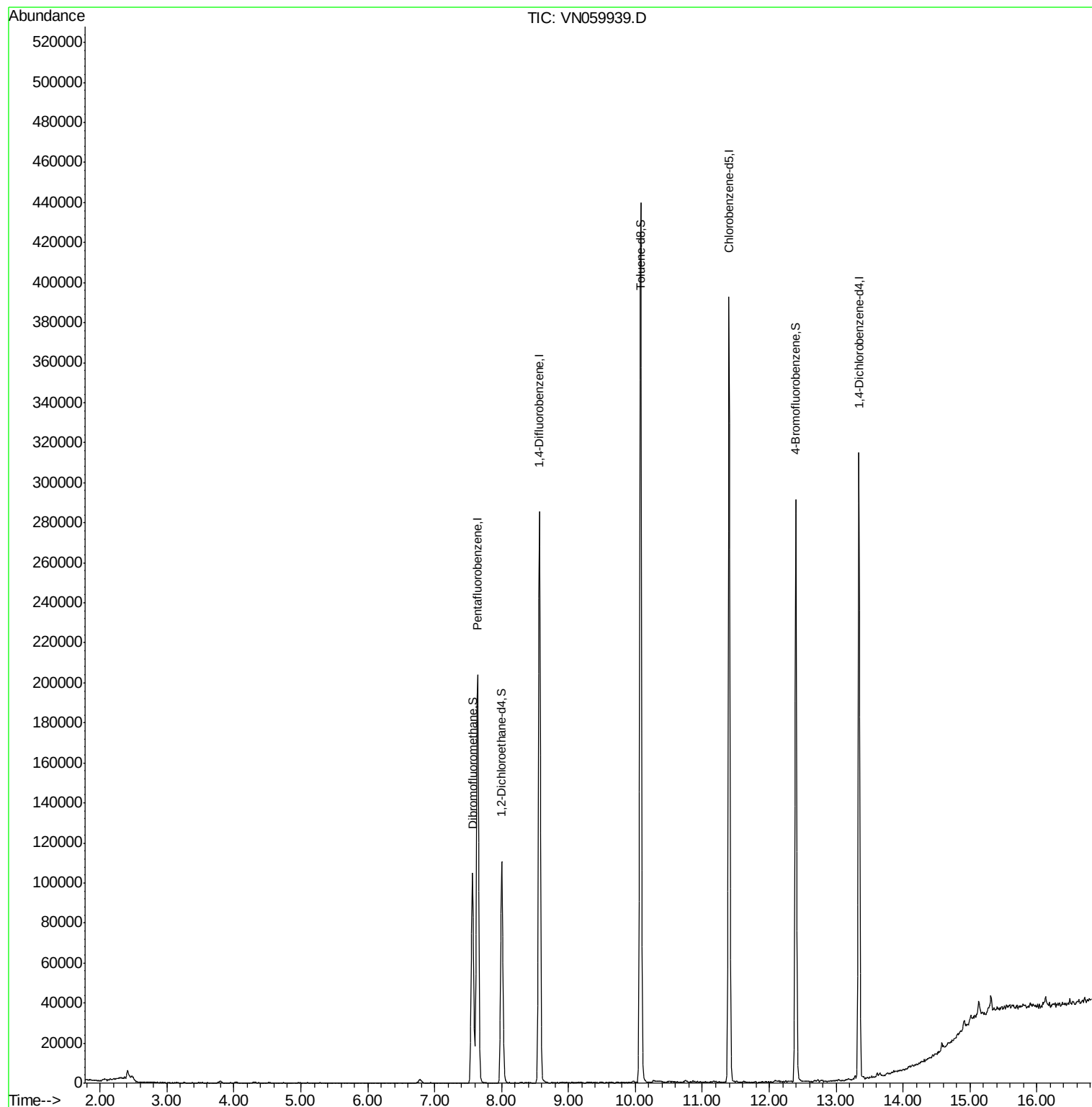
Target Compounds	Qvalue

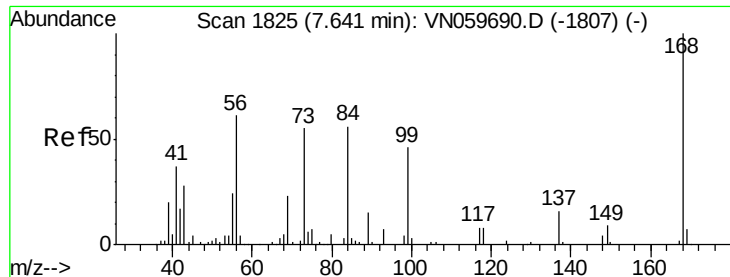
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059939.D

Acq: 31 Jan 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

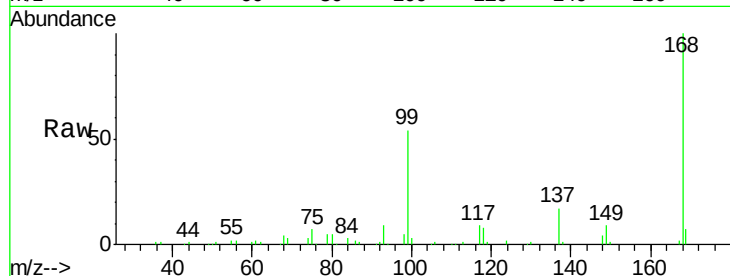
VN0131WBL01

Tot Ion:168 Resp: 175720

Ion Ratio Lower Upper

168 100

99 53.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

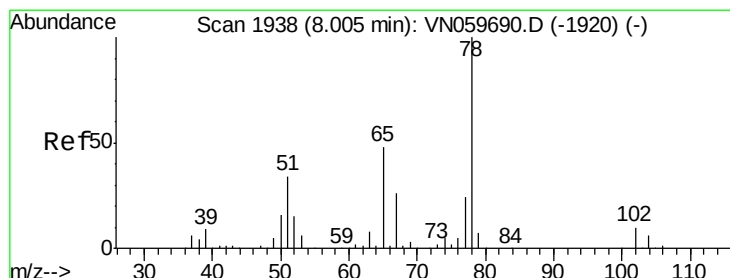
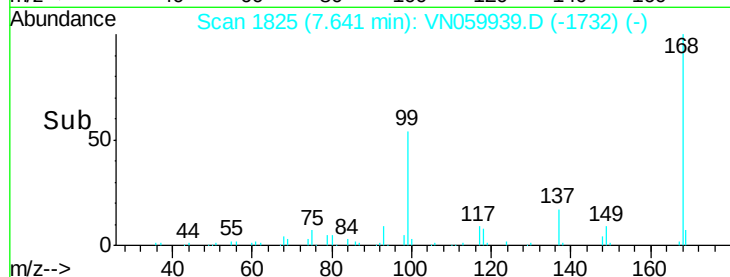
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 49.780 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059939.D

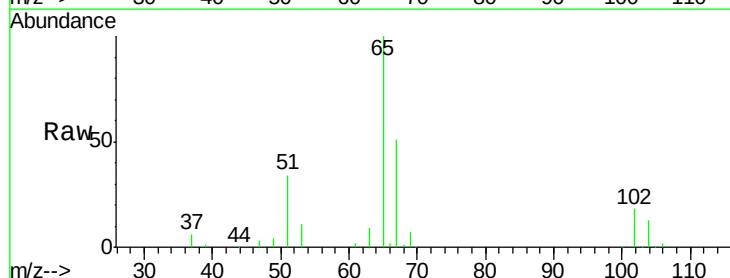
Acq: 31 Jan 2020 11:33

Tgt Ion: 65 Resp: 97141

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

40000

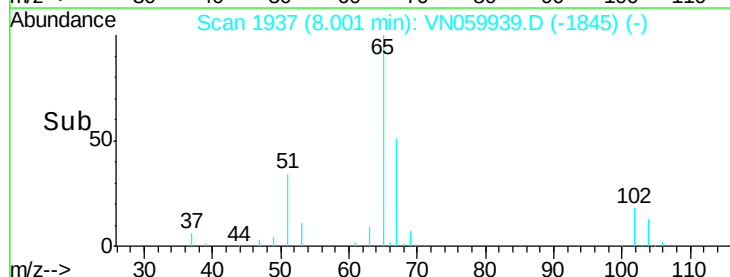
30000

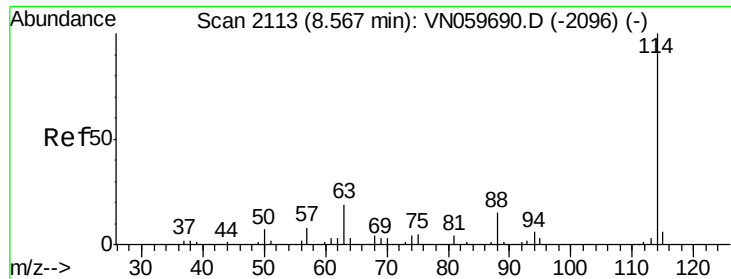
20000

10000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN059939.D

Acq: 31 Jan 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBL01

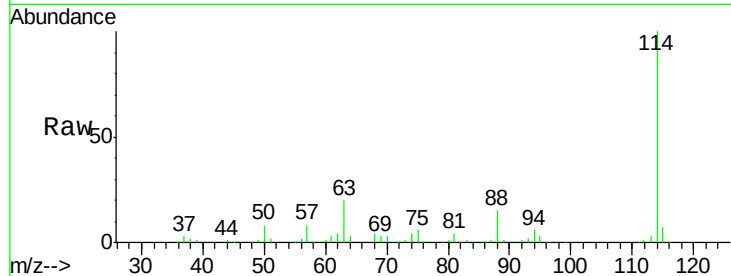
Tot Ion:114 Resp: 264889

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.6

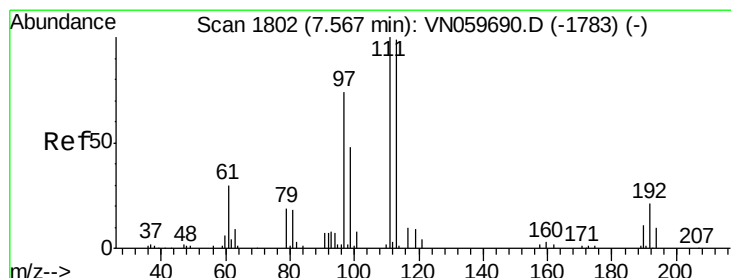
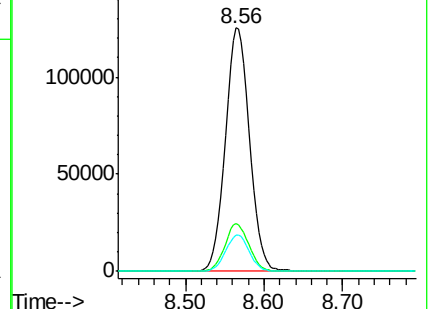
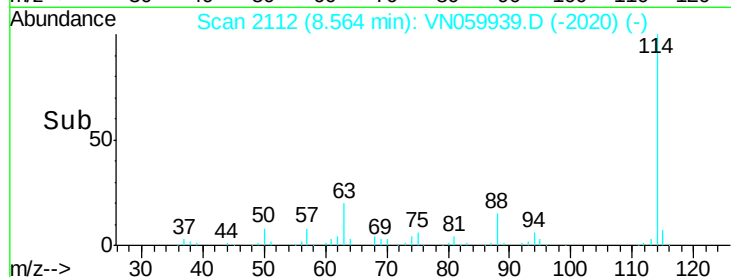
88 15.1 0.0 31.4



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: 50.449 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059939.D

Acq: 31 Jan 2020 11:33

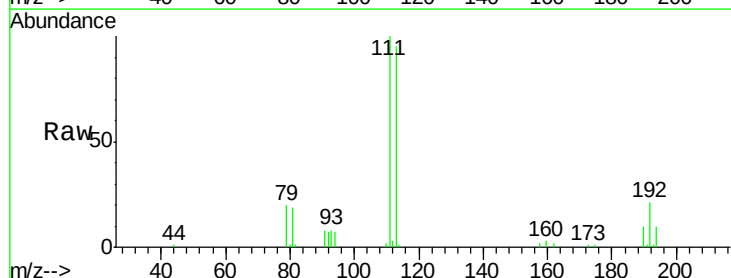
Tgt Ion:113 Resp: 79692

Ion Ratio Lower Upper

113 100

111 103.8 83.5 125.3

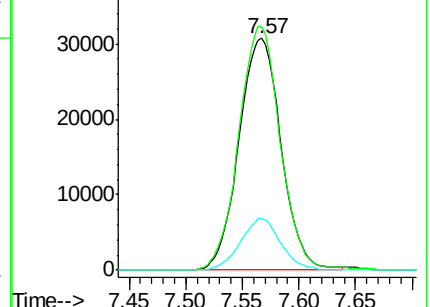
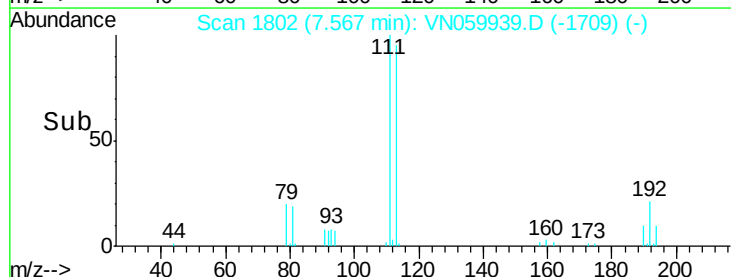
192 21.1 15.4 23.2

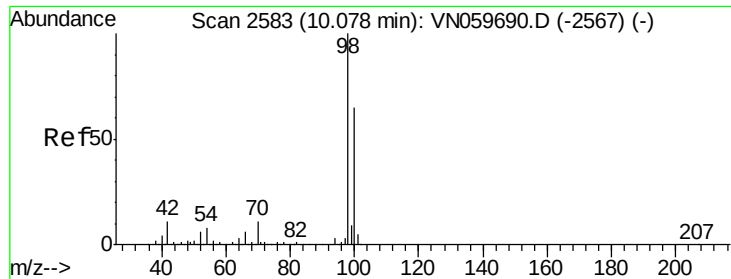


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.172 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059939.D

Acq: 31 Jan 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

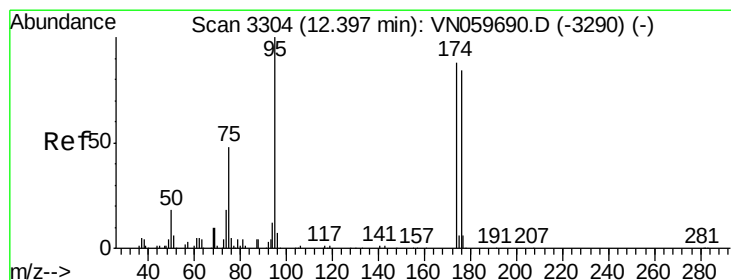
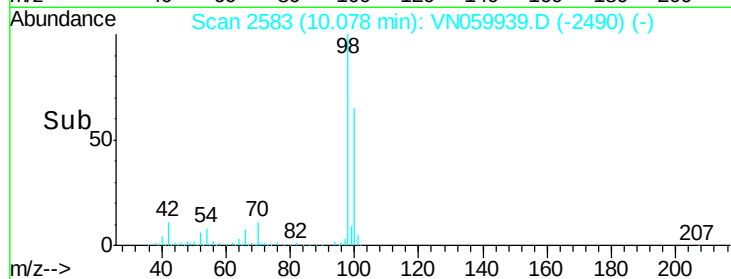
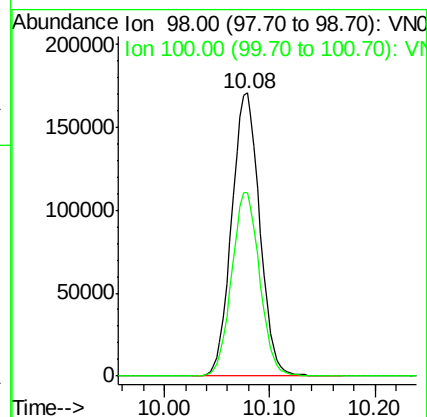
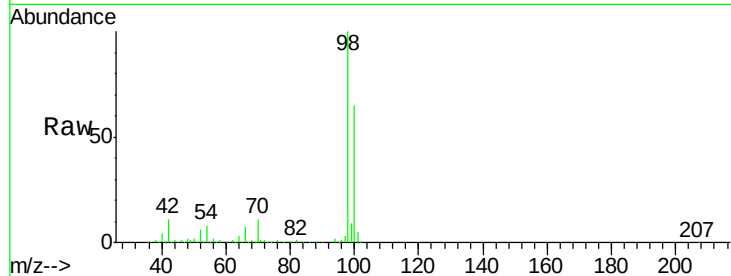
VN0131WBL01

Tot Ion: 98 Resp: 313190

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.472 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059939.D

Acq: 31 Jan 2020 11:33

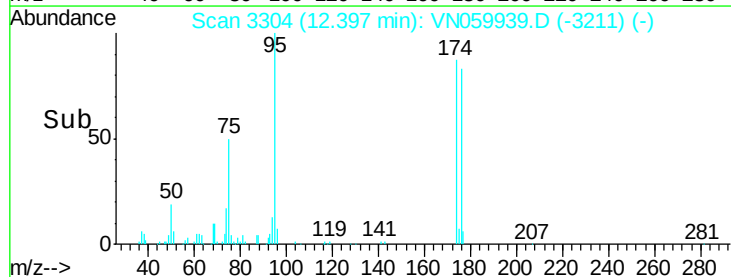
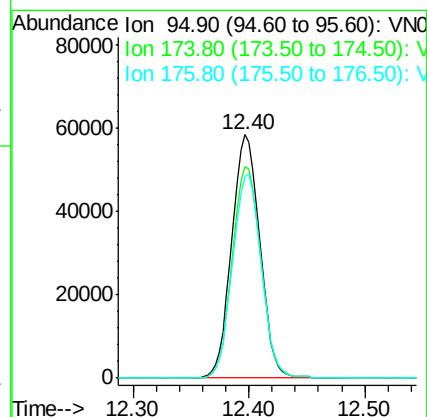
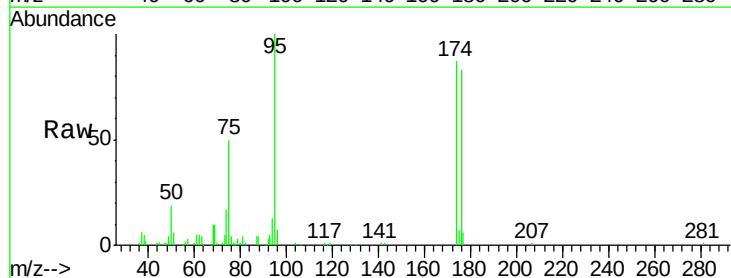
Tgt Ion: 95 Resp: 98123

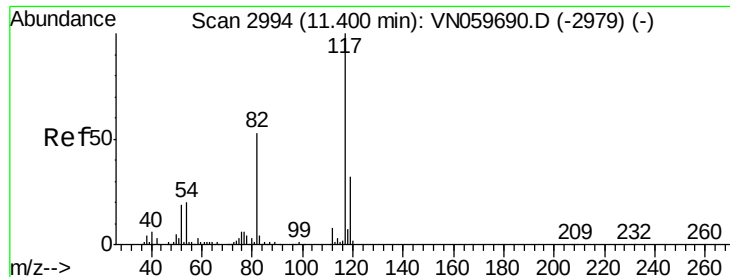
Ion Ratio Lower Upper

95 100

174 88.3 0.0 151.4

176 85.3 0.0 146.0

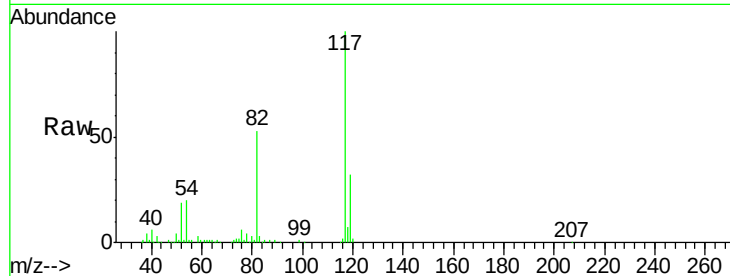




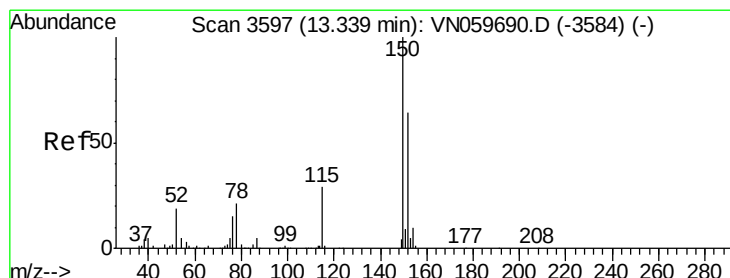
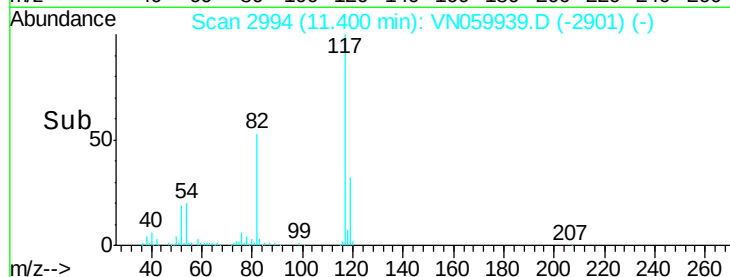
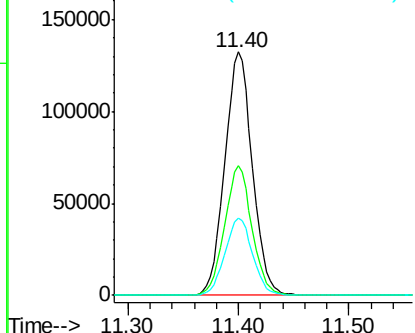
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059939.D
Acq: 31 Jan 2020 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBL01

Tot Ion:117 Resp: 228917
Ion Ratio Lower Upper
117 100
82 53.0 45.9 68.9
119 31.7 25.5 38.3

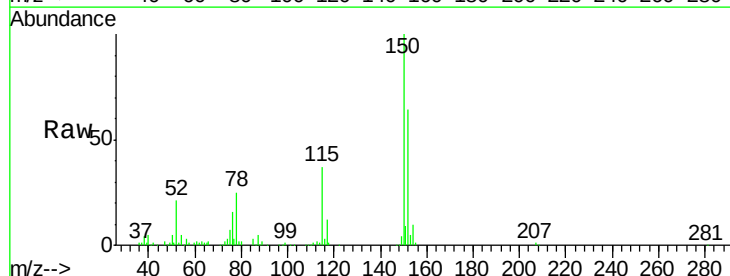


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059939.D
Acq: 31 Jan 2020 11:33

Tgt Ion:152 Resp: 85624
Ion Ratio Lower Upper
152 100
115 58.2 30.3 90.9
150 157.7 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

