

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012020\
 Data File : VN059781.D
 Acq On : 20 Jan 2020 12:53
 Operator : JC/MD
 Sample : L1181-01
 Misc : 14.47u/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 93OAK-AVE-1

Quant Time: Jan 21 01:35:11 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	188829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	282135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	240706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	106115	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	99363	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	7.56	113	83666	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	10.08	98	325833	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.40	95	107911	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

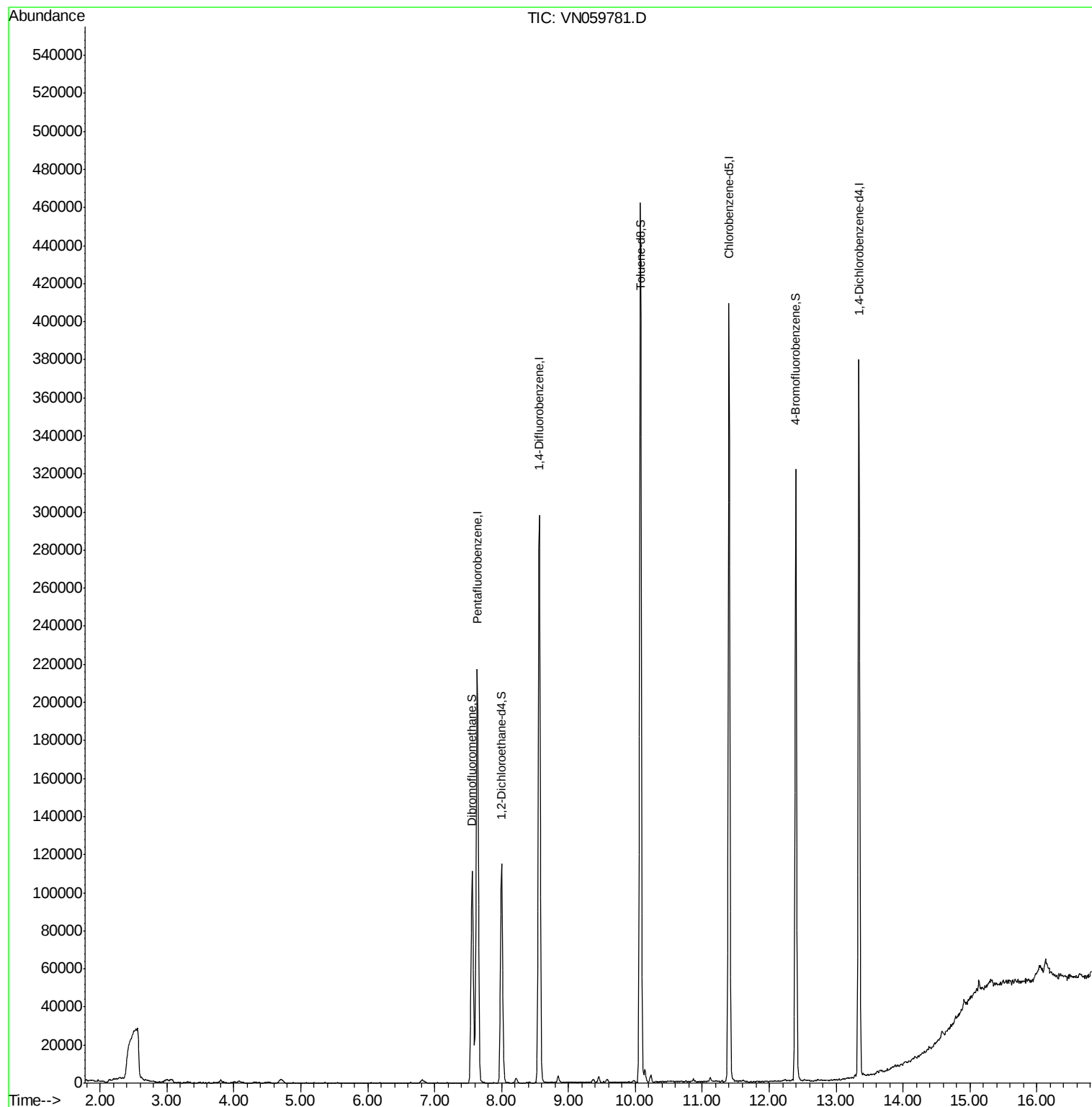
Target Compounds	Qvalue

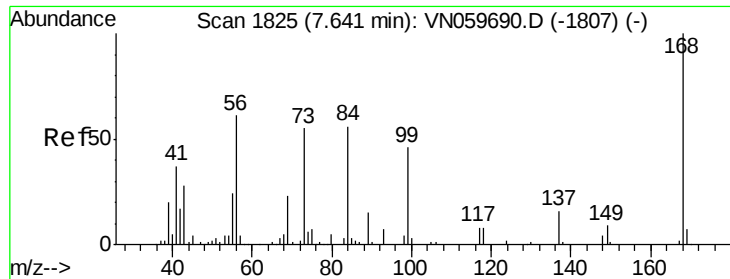
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012020\
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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN059781.D

Acq: 20 Jan 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

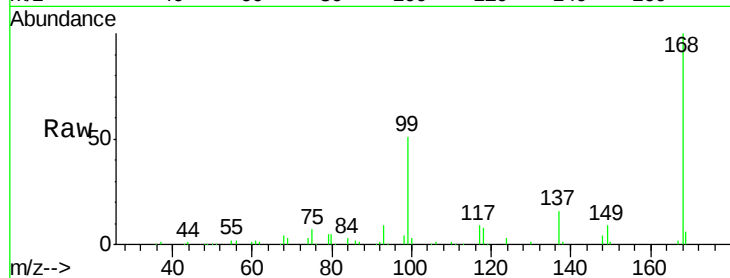
93OAK-AVE-1

Tot Ion:168 Resp: 188829

Ion Ratio Lower Upper

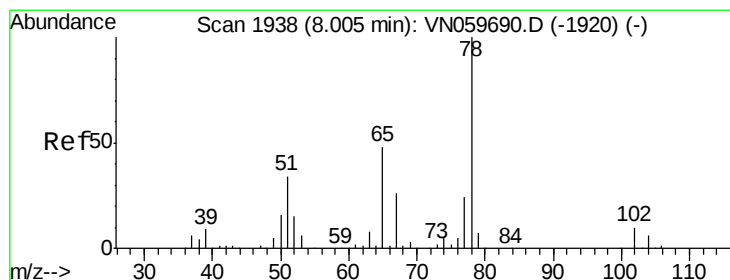
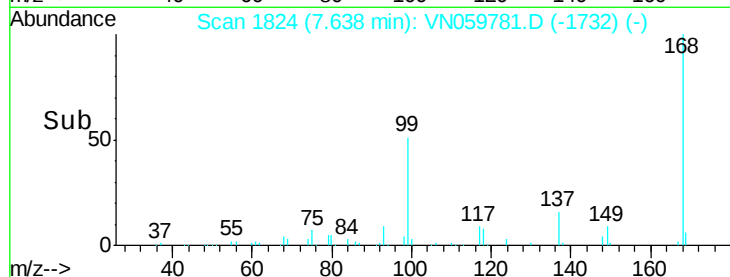
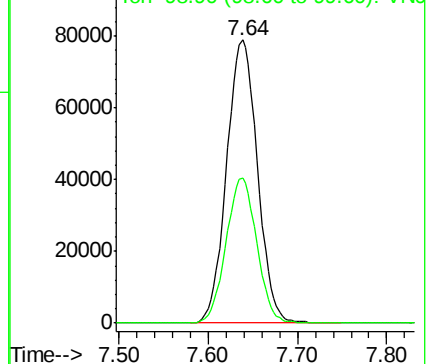
168 100

99 51.4 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: 47.384 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059781.D

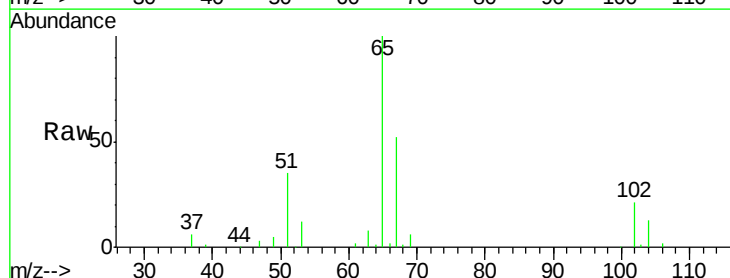
Acq: 20 Jan 2020 12:53

Tgt Ion: 65 Resp: 99363

Ion Ratio Lower Upper

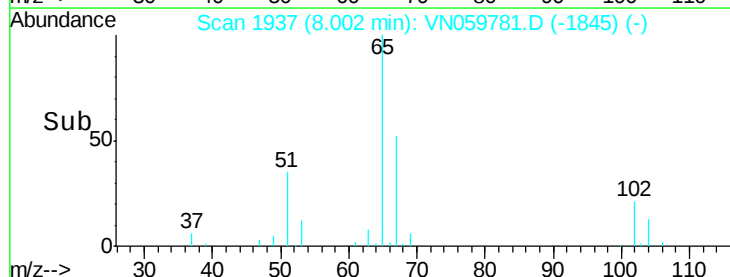
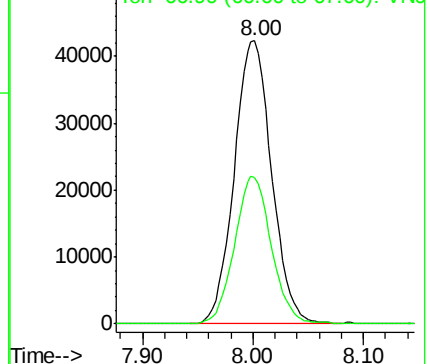
65 100

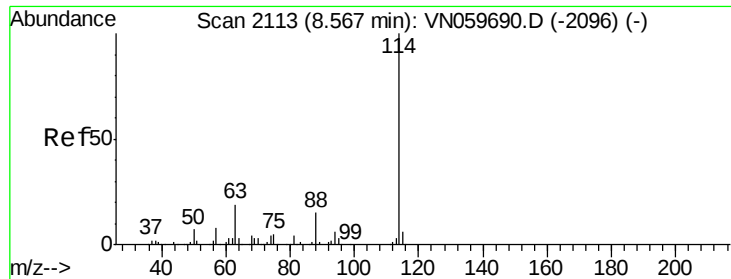
67 51.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

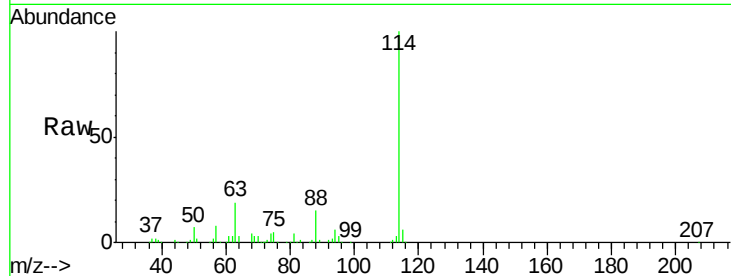




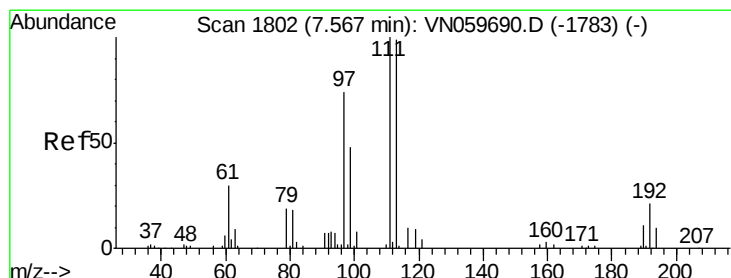
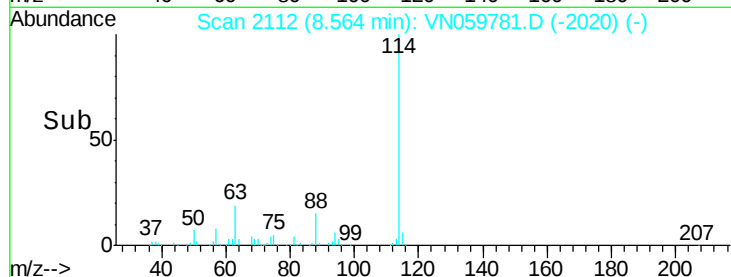
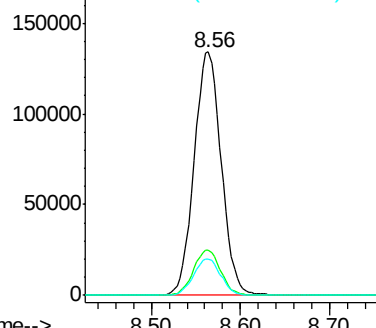
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059781.D
 Acq: 20 Jan 2020 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 93OAK-AVE-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	43.6
88	15.1	0.0	31.4

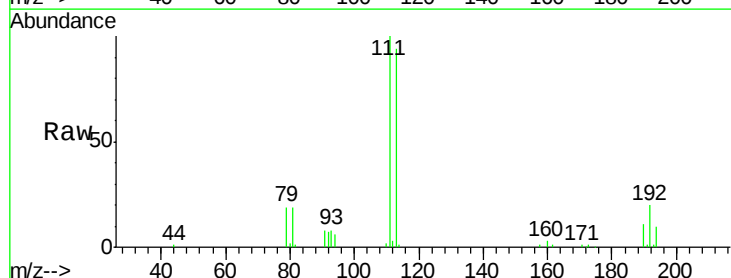


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

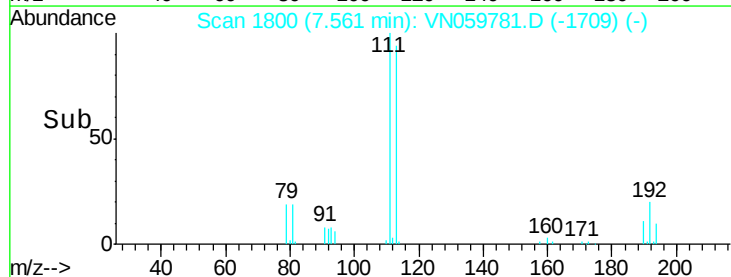
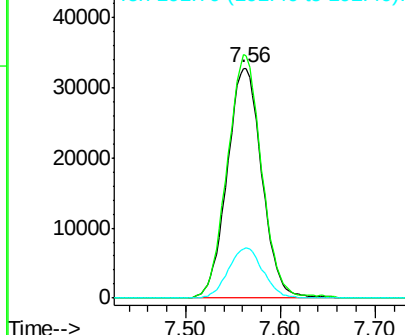


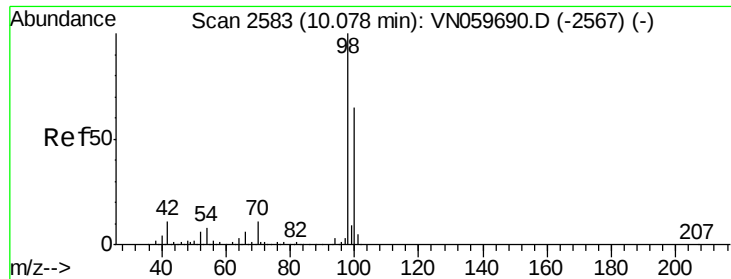
#35
 Dibromofluoromethane
 Concen: 49.727 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: VN059781.D
 Acq: 20 Jan 2020 12:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	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: 49.983 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059781.D

Acq: 20 Jan 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

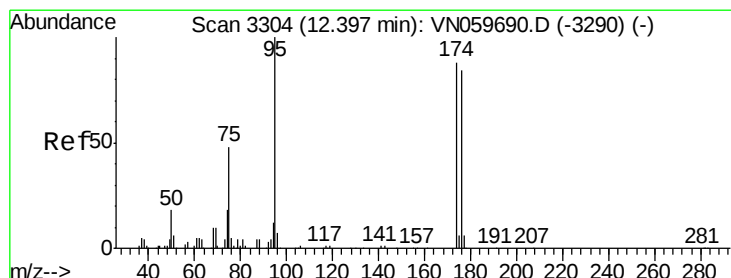
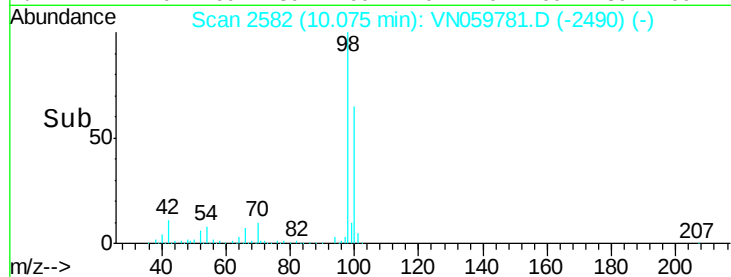
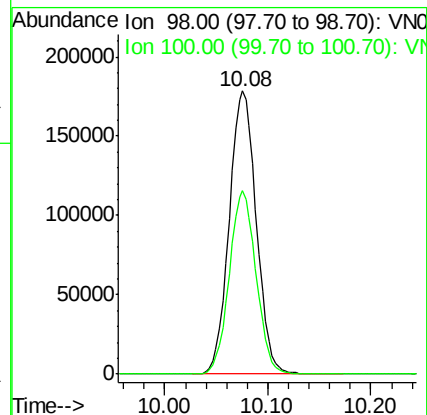
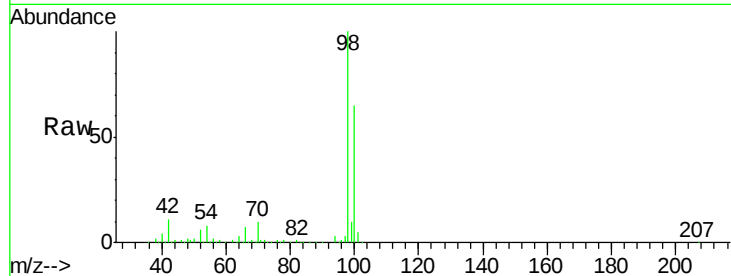
93OAK-AVE-1

Tot Ion: 98 Resp: 325833

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.919 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059781.D

Acq: 20 Jan 2020 12:53

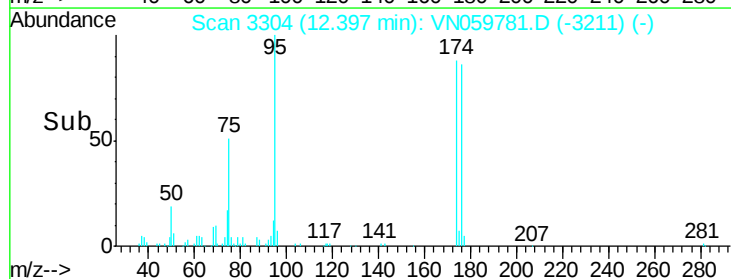
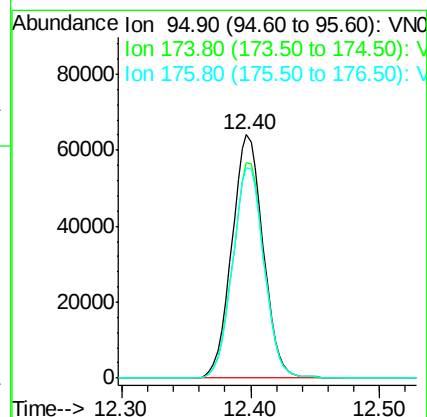
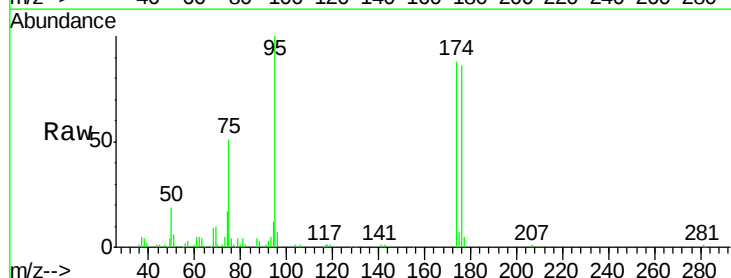
Tgt Ion: 95 Resp: 107911

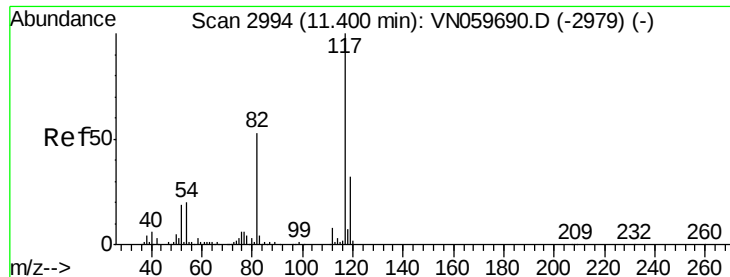
Ion Ratio Lower Upper

95 100

174 88.1 0.0 151.4

176 86.8 0.0 146.0

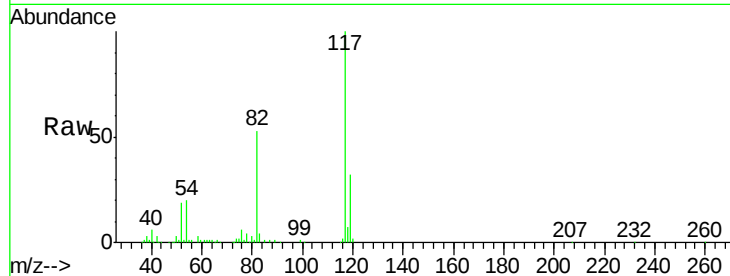




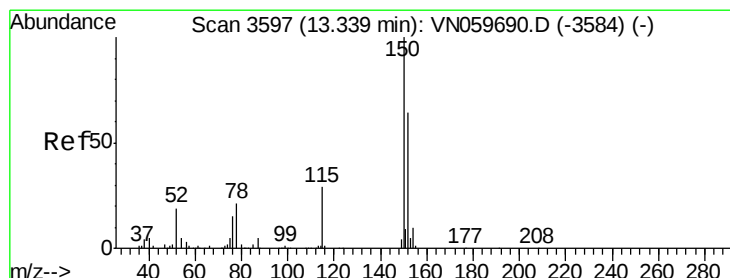
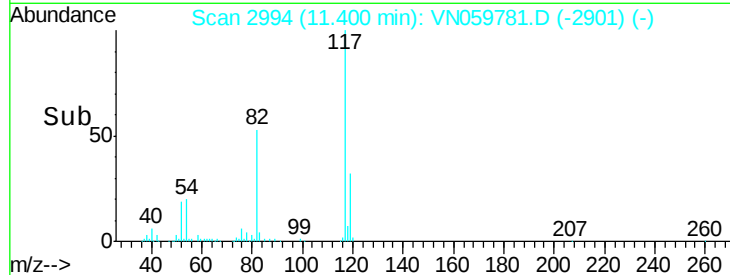
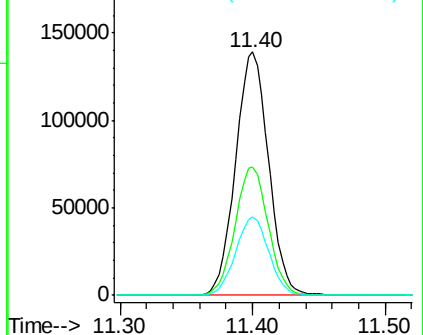
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059781.D
Acq: 20 Jan 2020 12:53

Instrument :
MSVOA_N
ClientSampleId :
93OAK-AVE-1

Tot Ion:117 Resp: 240706
Ion Ratio Lower Upper
117 100
82 52.8 45.9 68.9
119 32.0 25.5 38.3

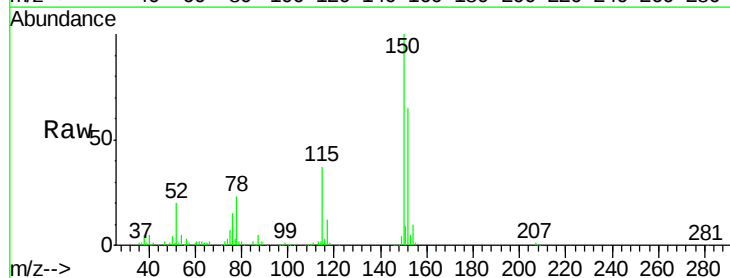


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059781.D
Acq: 20 Jan 2020 12:53

Tgt Ion:152 Resp: 106115
Ion Ratio Lower Upper
152 100
115 57.2 30.3 90.9
150 156.4 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

