

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021020\
 Data File : VN060035.D
 Acq On : 10 Feb 2020 10:38
 Operator : JC/MD
 Sample : VN0210WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBL01

Quant Time: Feb 11 07:22:10 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	193690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	302901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	270988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109261	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	112797	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
35) Dibromofluoromethane	7.56	113	92281	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.08	98	360225	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.40	95	119202	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	

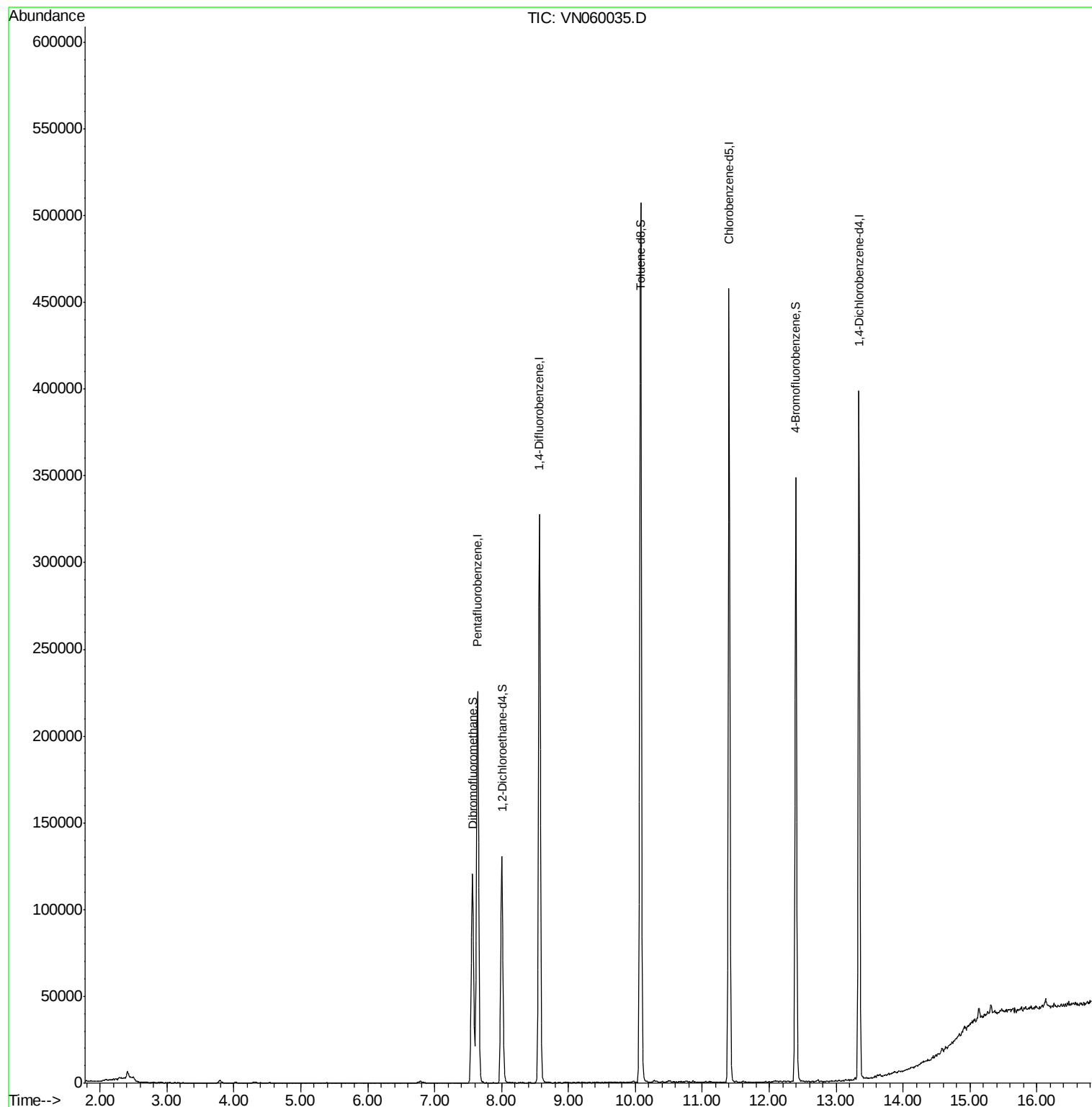
Target Compounds	Qvalue

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

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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# 1825

Delta R.T. 0.00 min

Lab File: VN060035.D

Acq: 10 Feb 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

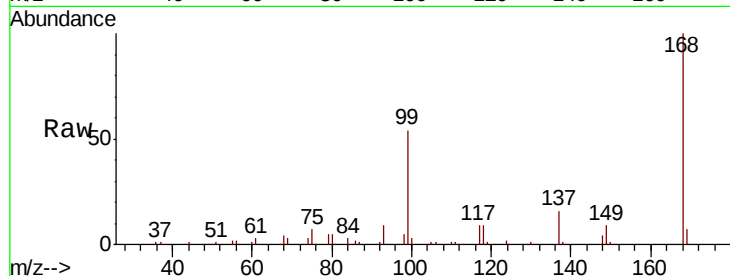
VN0210WBL01

Tot Ion:168 Resp: 193690

Ion Ratio Lower Upper

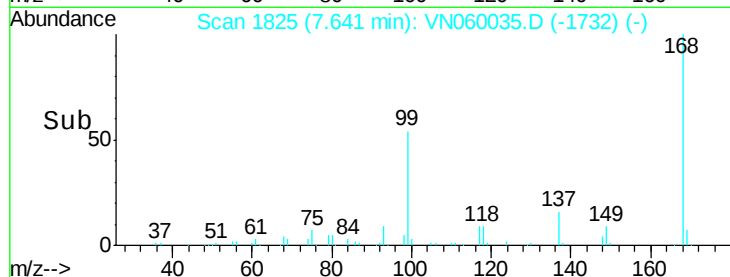
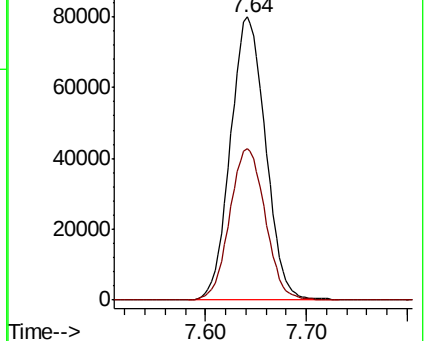
168 100

99 53.6 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: 52.440 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060035.D

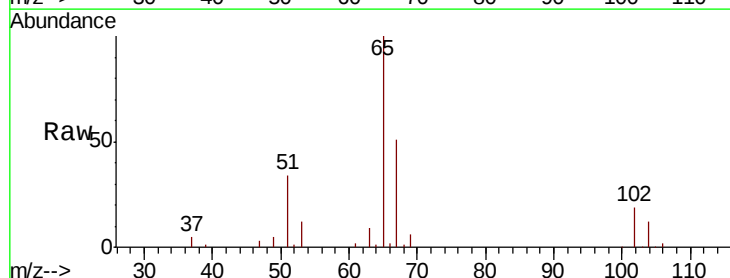
Acq: 10 Feb 2020 10:38

Tgt Ion: 65 Resp: 112797

Ion Ratio Lower Upper

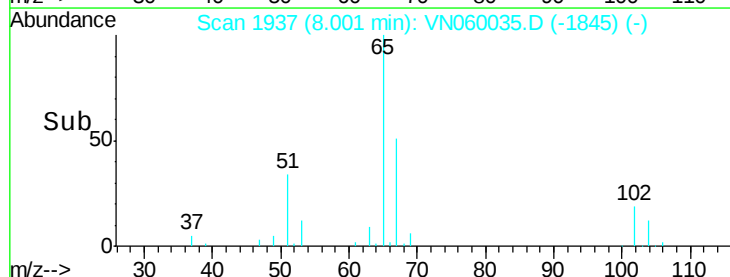
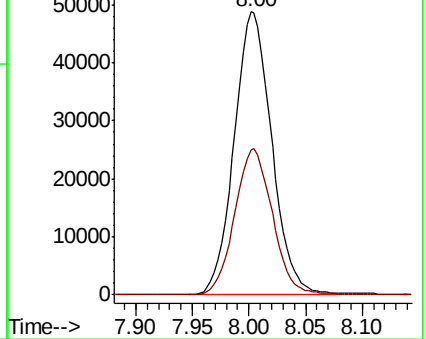
65 100

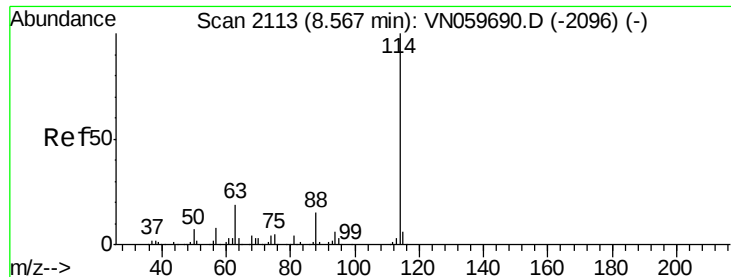
67 52.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

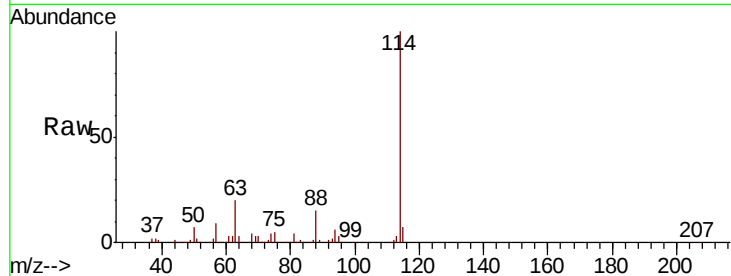




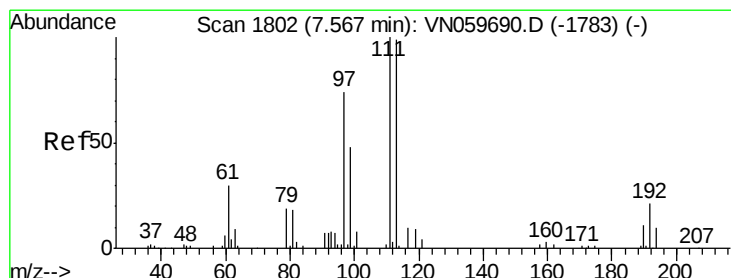
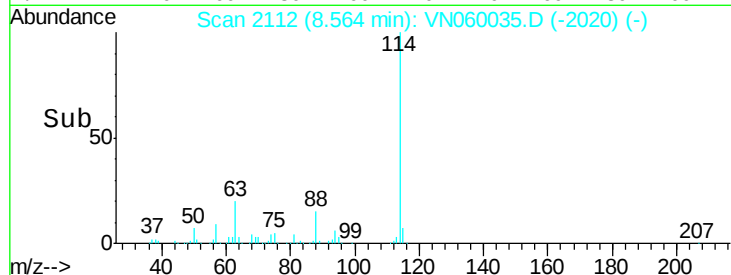
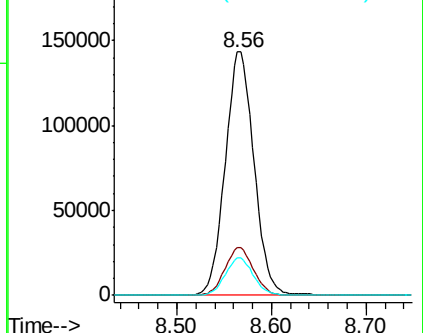
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN060035.D
Acq: 10 Feb 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Tot Ion:114	Resp:	302901
Ion	Ratio	Lower Upper
114	100	
63	19.8	0.0 43.6
88	15.2	0.0 31.4

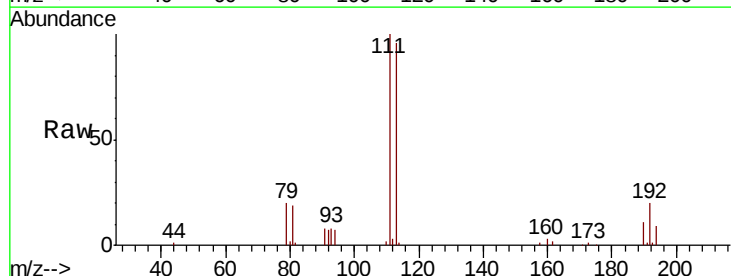


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

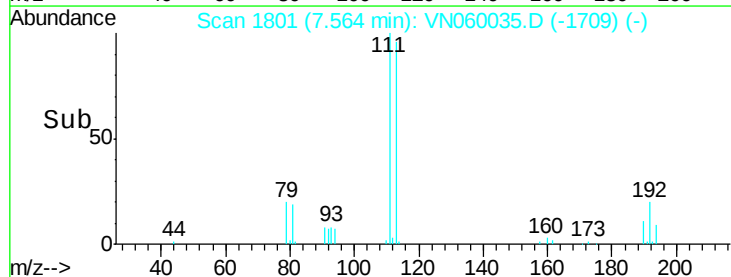
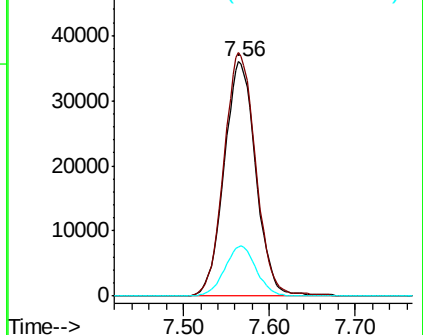


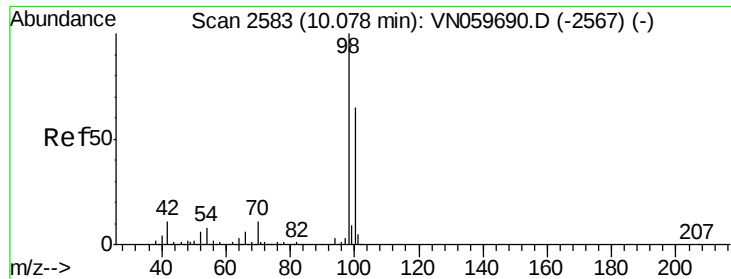
#35
Dibromofluoromethane
Concen: 51.088 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060035.D
Acq: 10 Feb 2020 10:38

Tgt Ion:113	Resp:	92281
Ion	Ratio	Lower Upper
113	100	
111	104.1	83.5 125.3
192	21.0	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: 51.471 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060035.D

Acq: 10 Feb 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

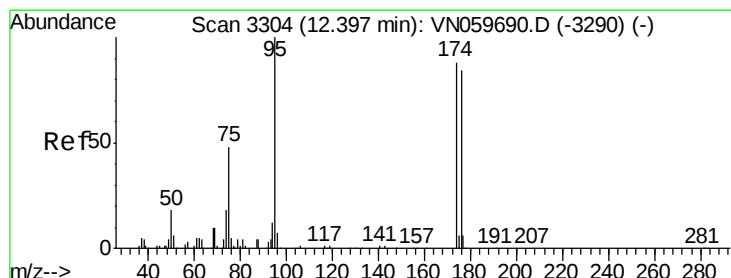
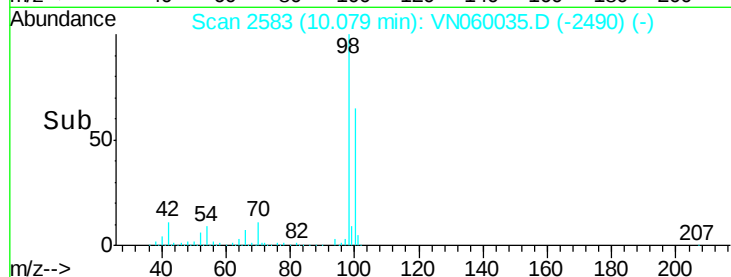
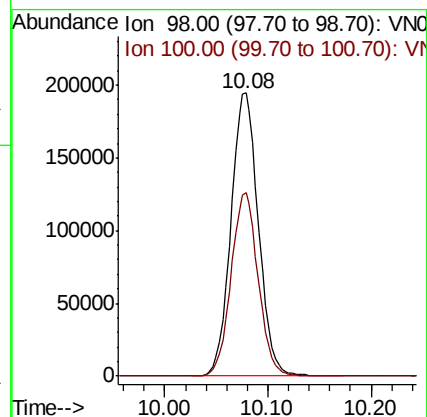
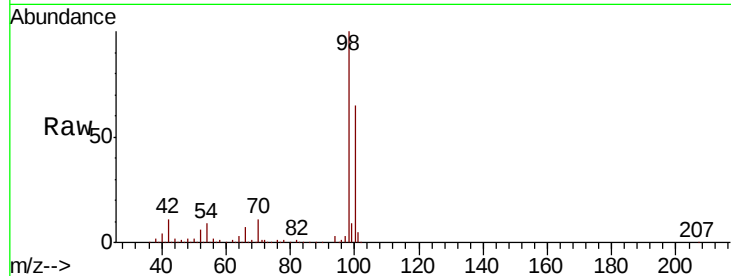
VN0210WBL01

Tot Ion: 98 Resp: 360225

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.246 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060035.D

Acq: 10 Feb 2020 10:38

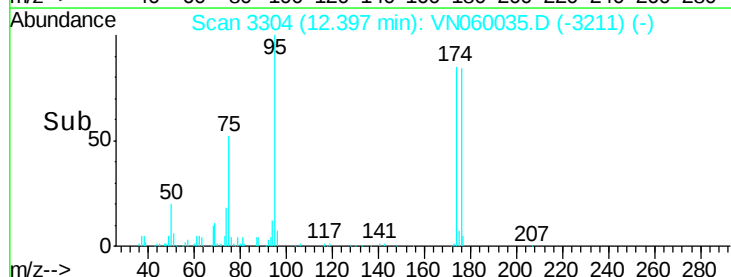
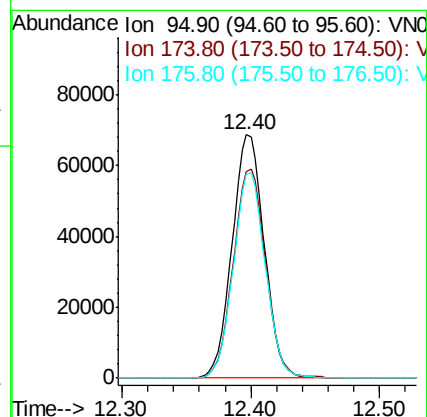
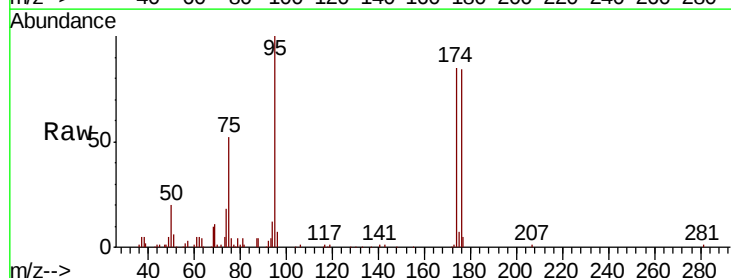
Tgt Ion: 95 Resp: 119202

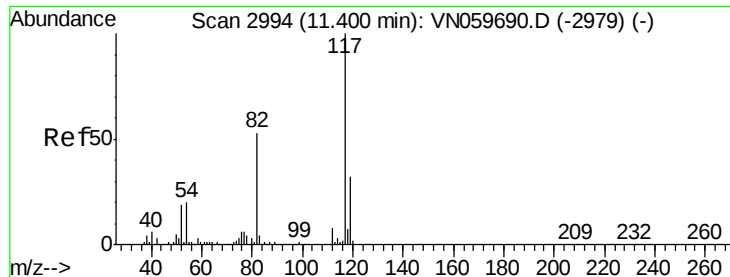
Ion Ratio Lower Upper

95 100

174 86.3 0.0 151.4

176 83.8 0.0 146.0

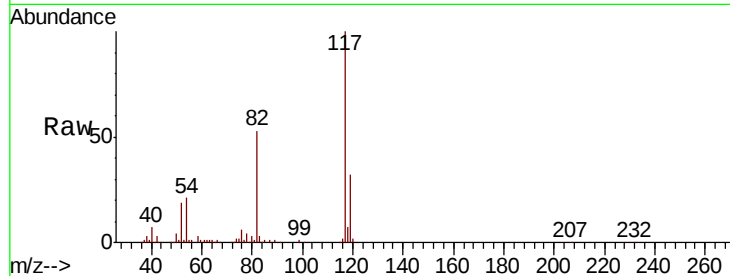




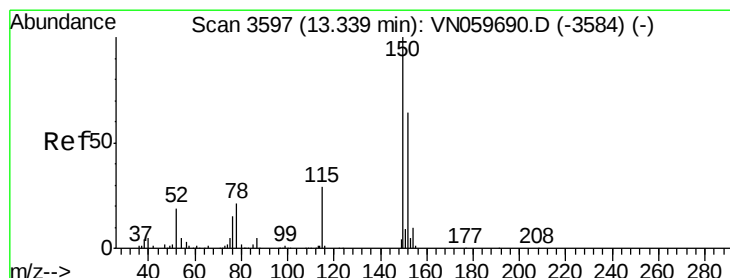
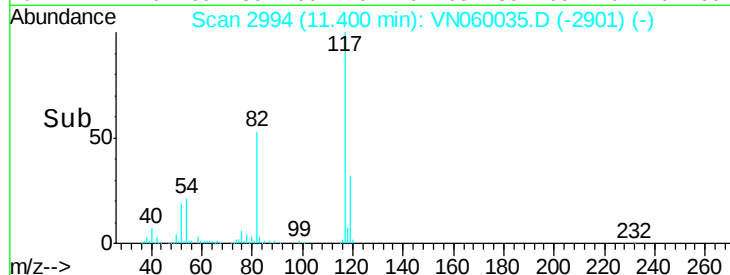
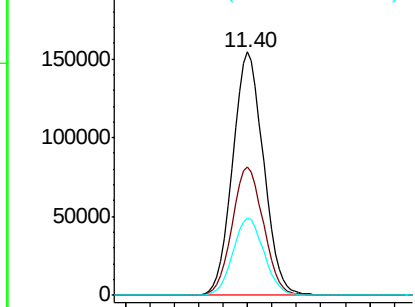
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060035.D
Acq: 10 Feb 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Tot Ion:117 Resp: 270988
Ion Ratio Lower Upper
117 100
82 52.9 45.9 68.9
119 31.8 25.5 38.3

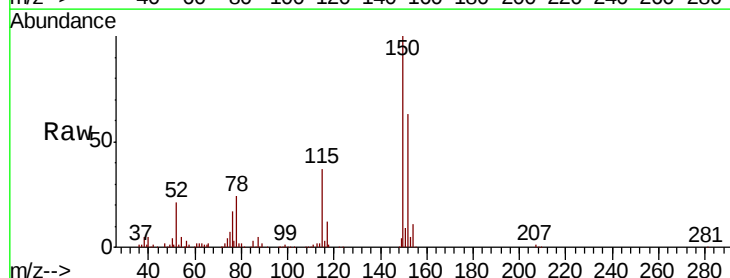


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060035.D
Acq: 10 Feb 2020 10:38

Tgt Ion:152 Resp: 109261
Ion Ratio Lower Upper
152 100
115 58.3 30.3 90.9
150 154.7 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

