

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021220\
 Data File : VN060073.D
 Acq On : 12 Feb 2020 14:46
 Operator : JC/MD
 Sample : VN0212WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBL01

Quant Time: Feb 13 00:55:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	179323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	277242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	251688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103348	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	102389	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	7.56	113	83568	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	10.08	98	333152	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	114105	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	

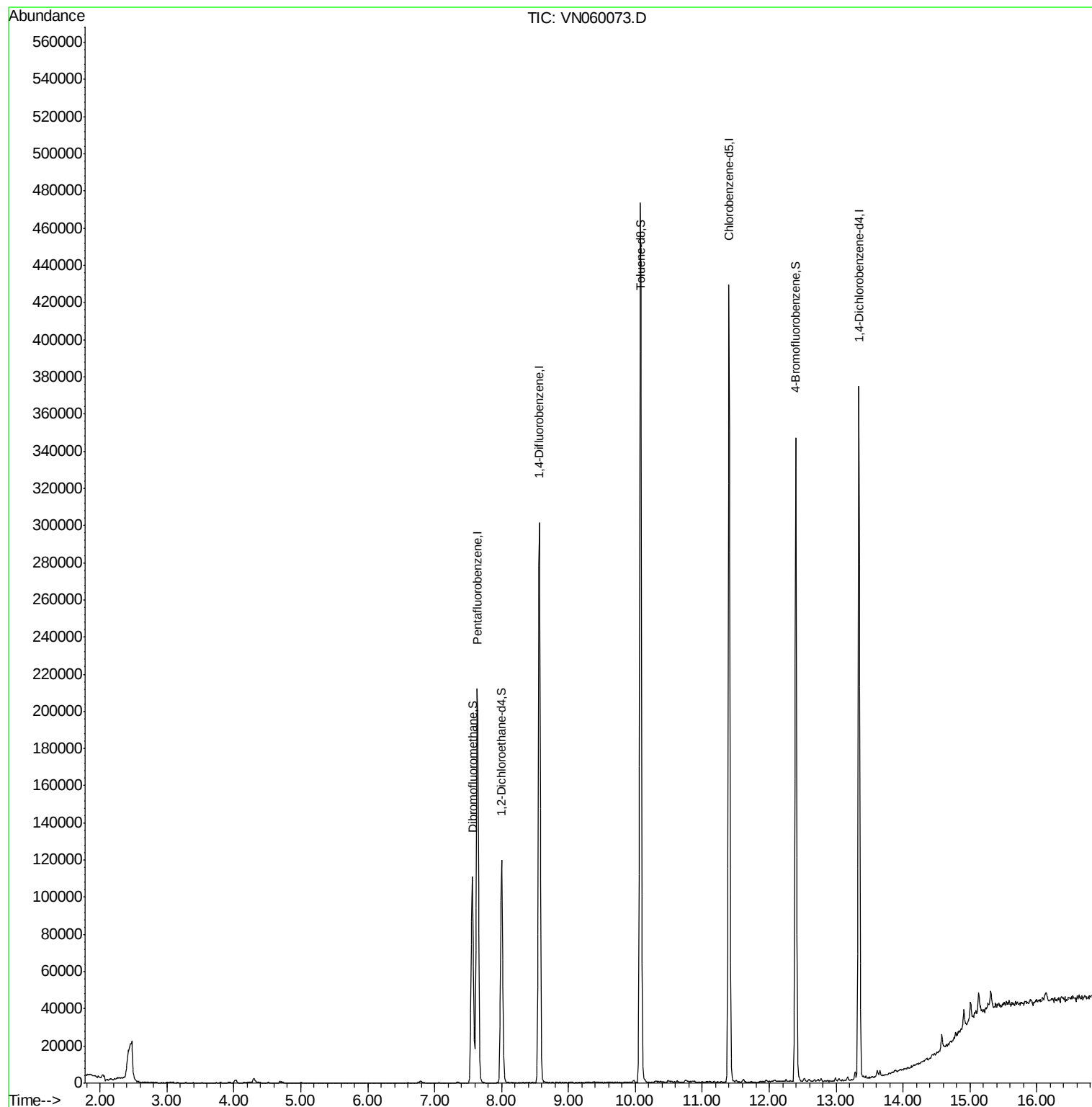
Target Compounds	Qvalue

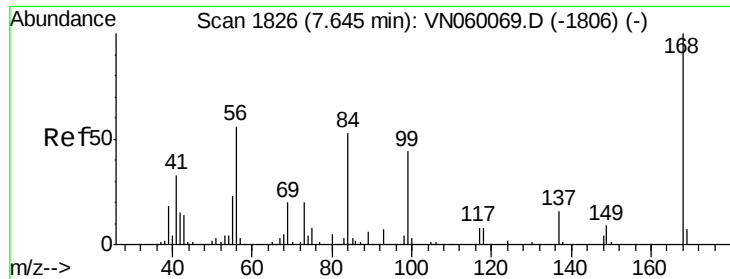
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060073.D

Acq: 12 Feb 2020 14:46

Instrument :

MSVOA_N

ClientSampleId :

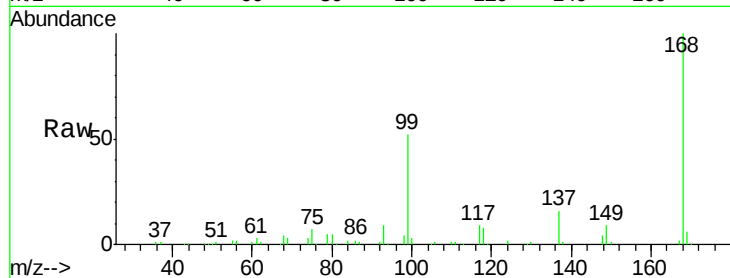
VN0212WBL01

Tot Ion:168 Resp: 179323

Ion Ratio Lower Upper

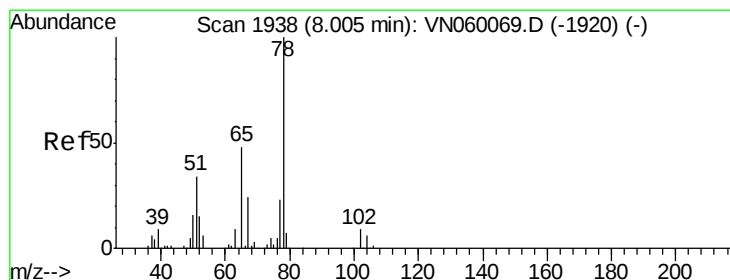
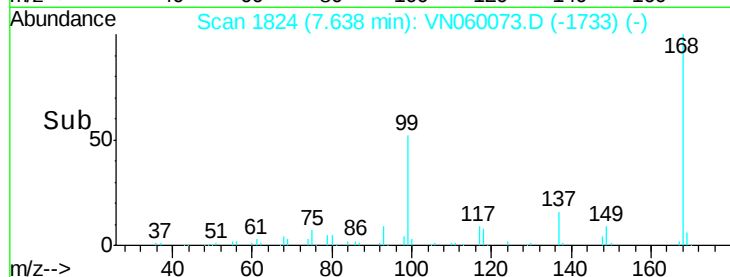
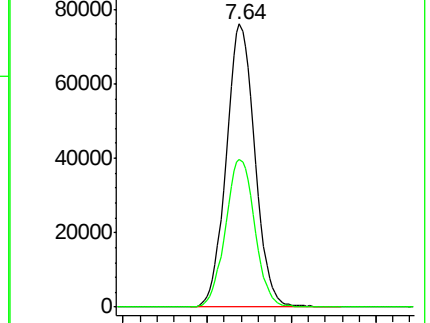
168 100

99 52.2 42.7 64.1



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: 46.923 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060073.D

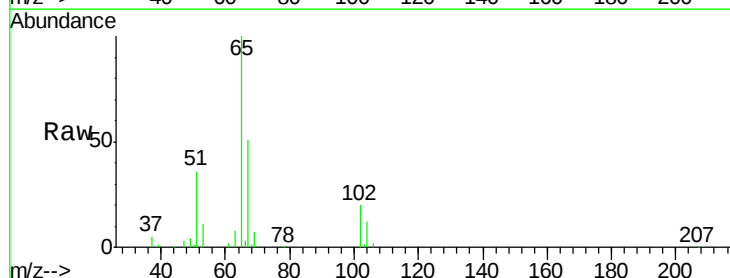
Acq: 12 Feb 2020 14:46

Tgt Ion: 65 Resp: 102389

Ion Ratio Lower Upper

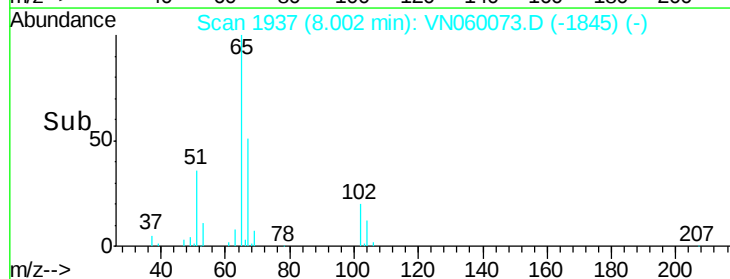
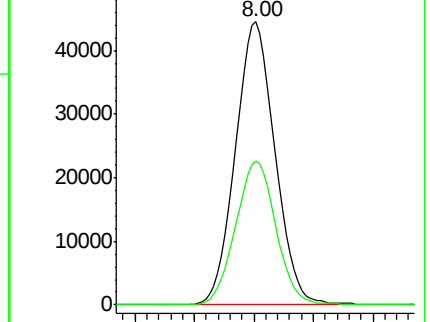
65 100

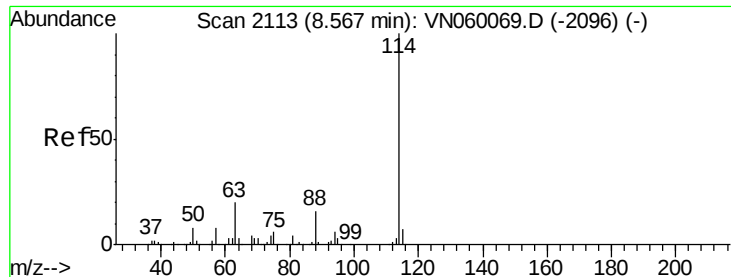
67 51.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

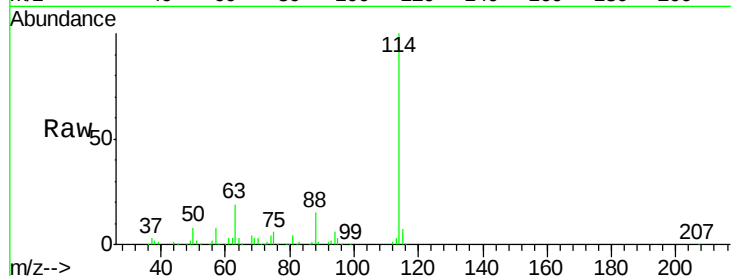




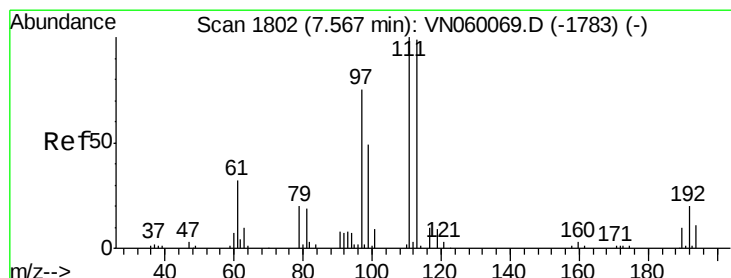
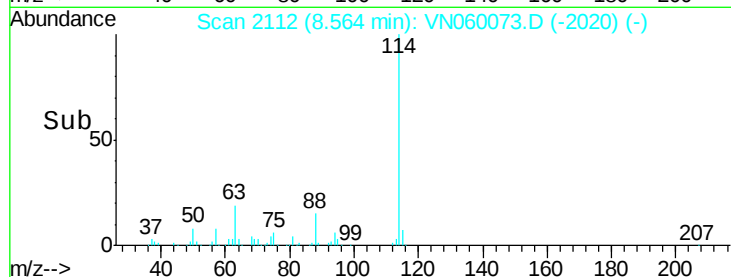
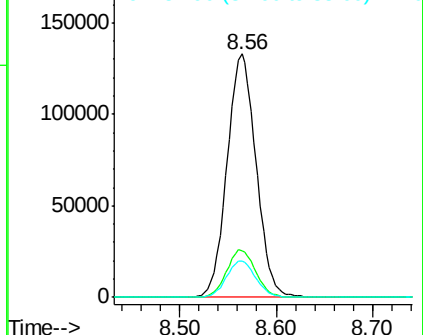
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060073.D
 Acq: 12 Feb 2020 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBL01

Tot Ion:114 Resp: 277242
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.1 0.0 31.6

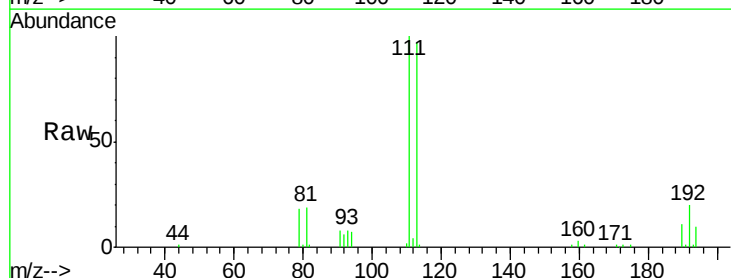


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

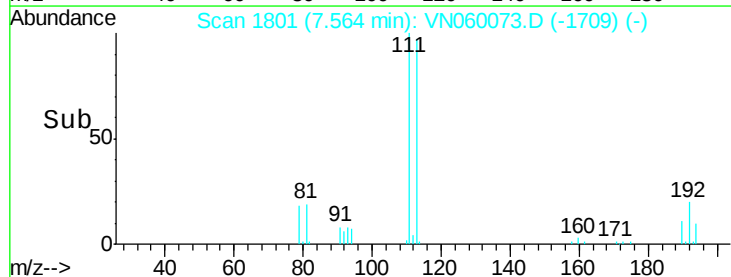
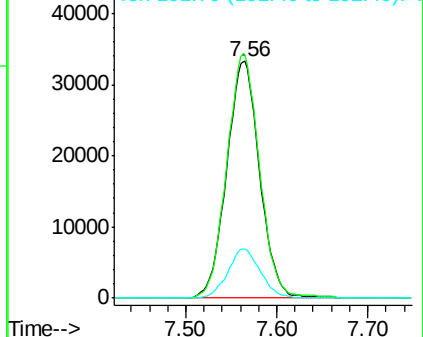


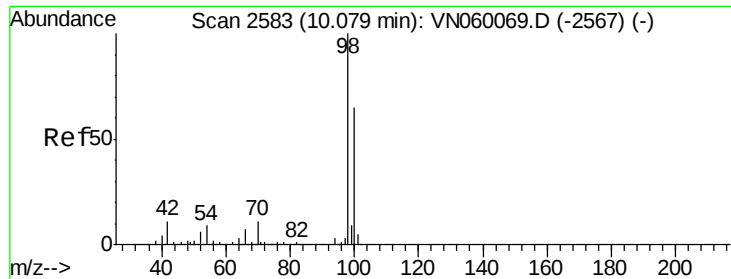
#35
 Dibromofluoromethane
 Concen: 49.036 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060073.D
 Acq: 12 Feb 2020 14:46

Tgt Ion:113 Resp: 83568
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.2
 192 20.6 16.2 24.2



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: 49.642 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060073.D

Acq: 12 Feb 2020 14:46

Instrument :

MSVOA_N

ClientSampleId :

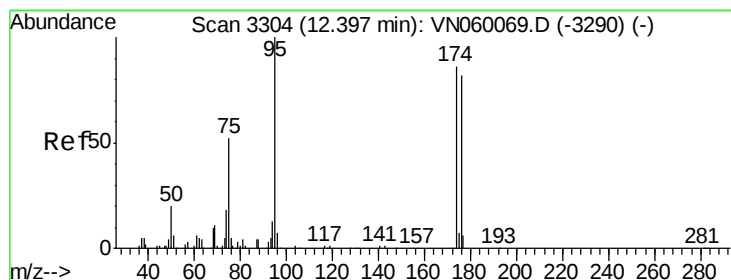
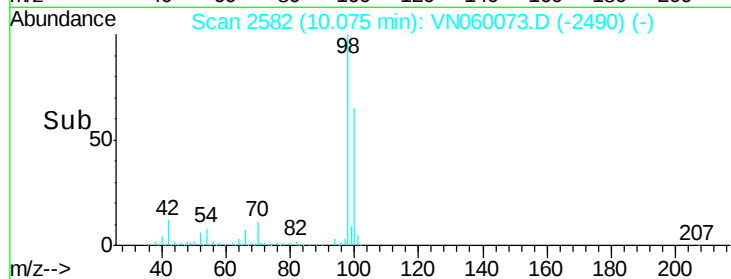
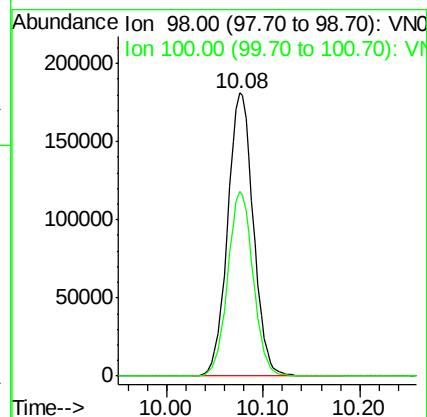
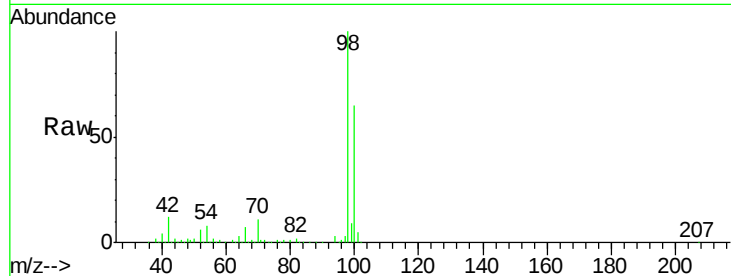
VN0212WBL01

Tot Ion: 98 Resp: 333152

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.271 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060073.D

Acq: 12 Feb 2020 14:46

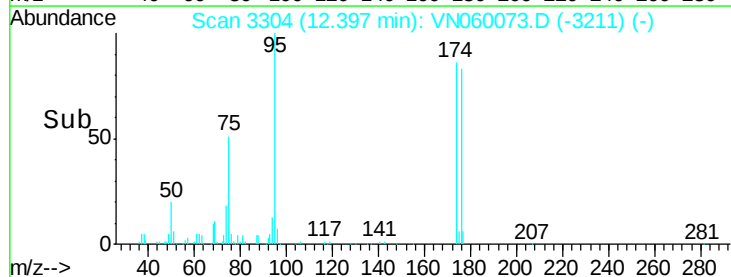
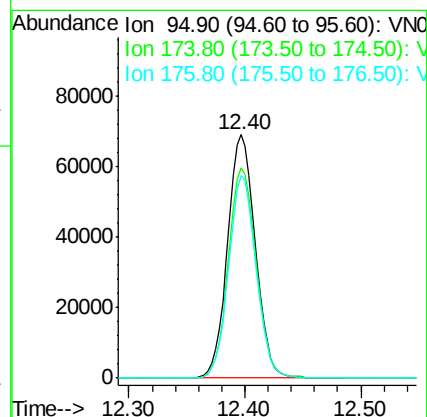
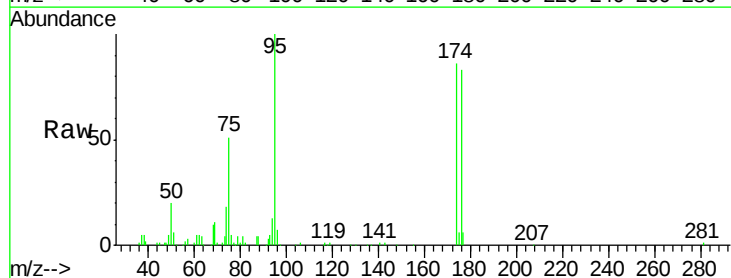
Tgt Ion: 95 Resp: 114105

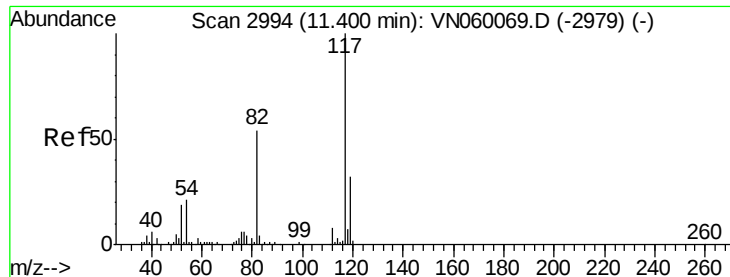
Ion Ratio Lower Upper

95 100

174 86.9 0.0 169.8

176 82.2 0.0 164.8

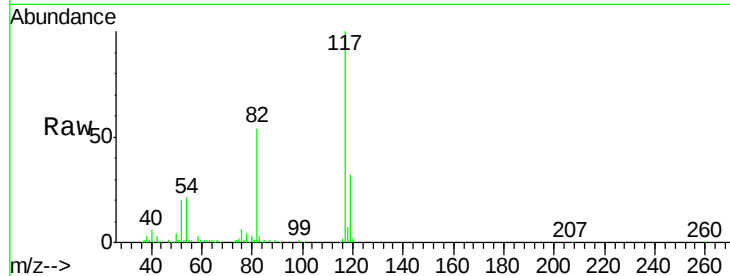




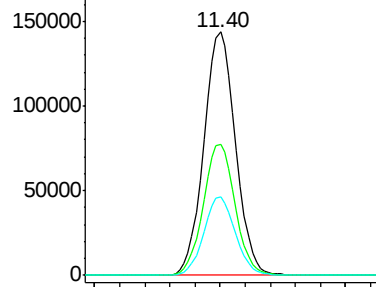
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060073.D
Acq: 12 Feb 2020 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN0212WBL01

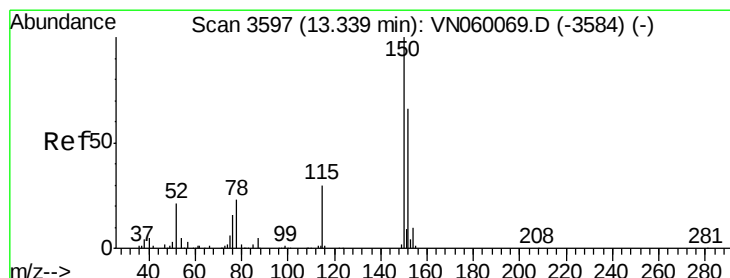
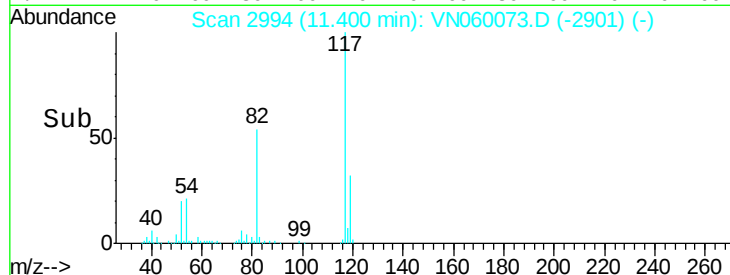
Tot Ion:117 Resp: 251688
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.0 25.8 38.6



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

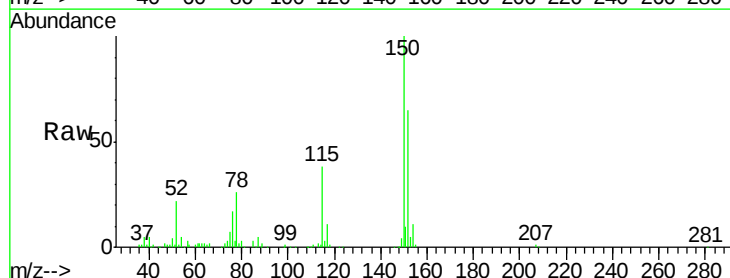


Time--> 11.30 11.40 11.50

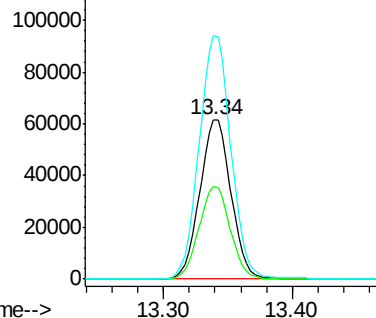


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060073.D
Acq: 12 Feb 2020 14:46

Tgt Ion:152 Resp: 103348
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 155.2 0.0 342.4



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



Time--> 13.30 13.40

