

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060825.D
 Acq On : 2 Apr 2020 16:09
 Operator : JC/MD
 Sample : L2126-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2-5-1

Quant Time: Apr 03 08:56:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	205779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	343697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	324674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146547	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	133818	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
35) Dibromofluoromethane	7.56	113	103186	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	10.08	98	424407	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	160697	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

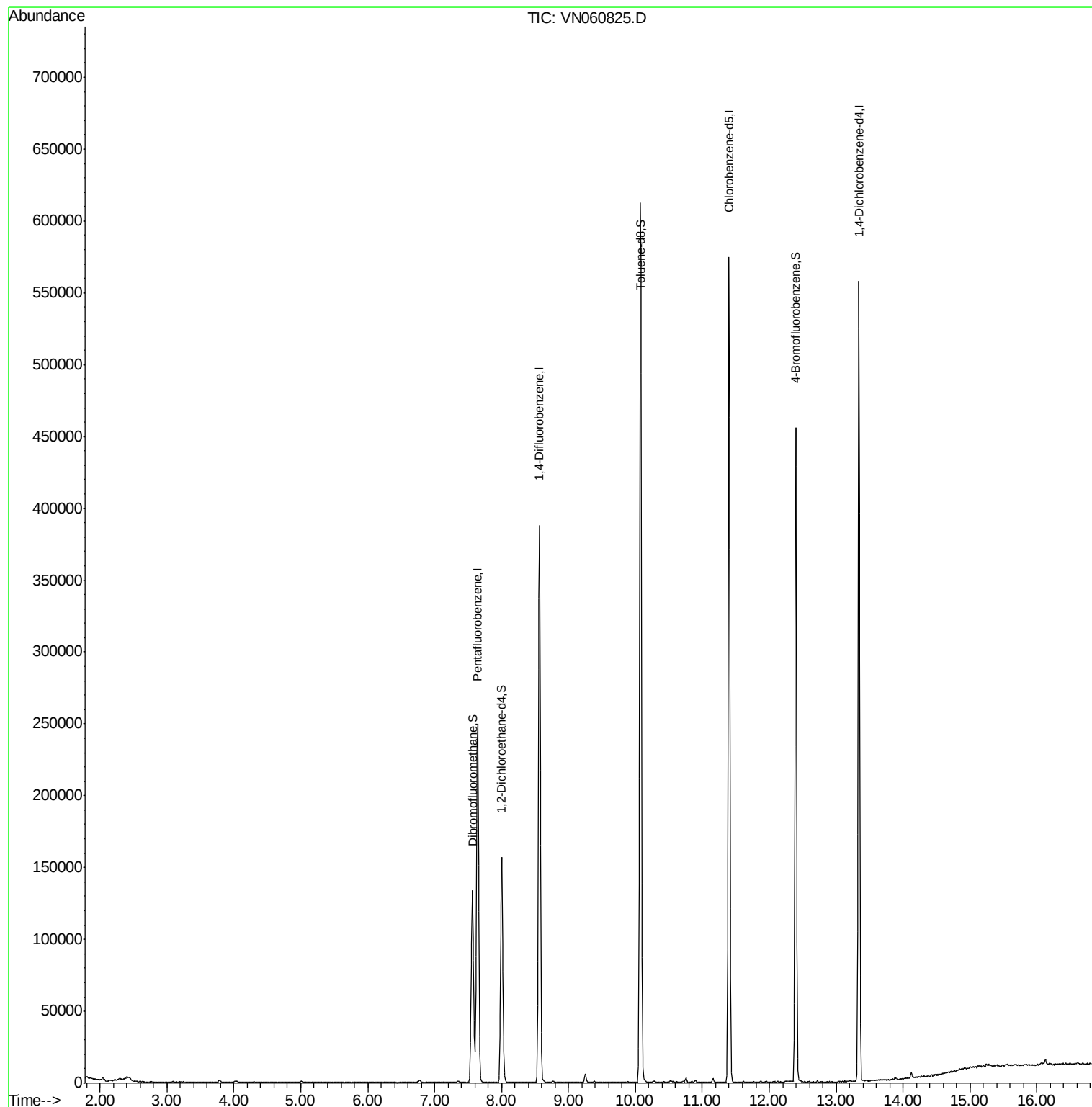
Target Compounds	Qvalue

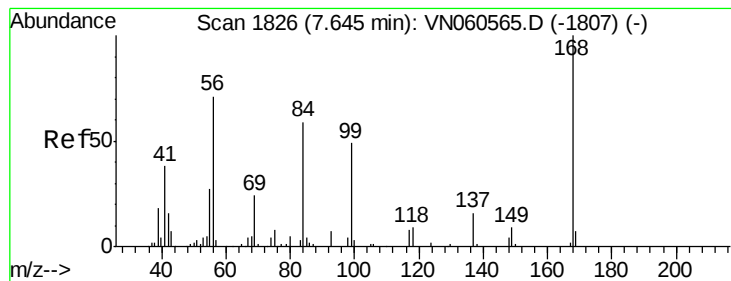
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060825.D

Acq: 2 Apr 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

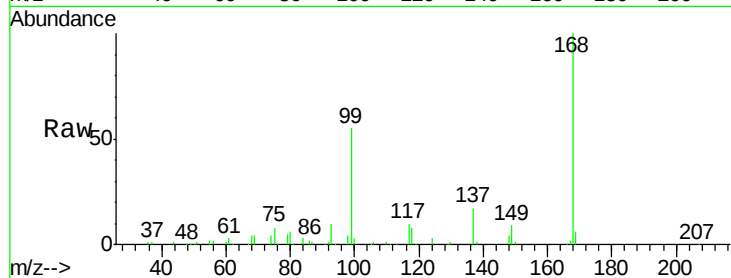
2-5-1

Tot Ion:168 Resp: 205779

Ion Ratio Lower Upper

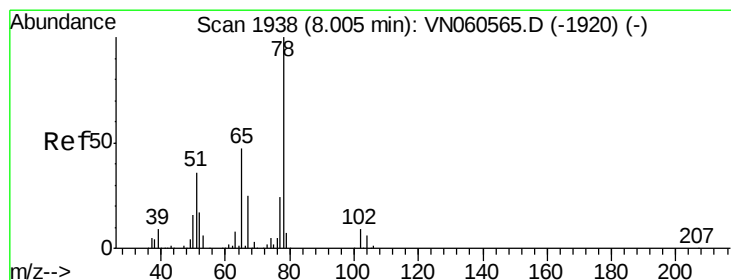
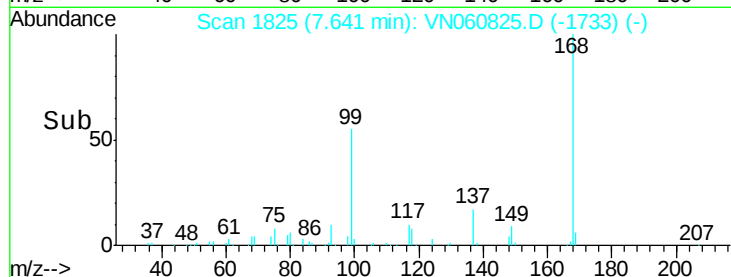
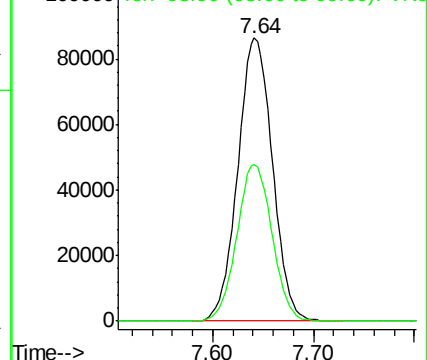
168 100

99 55.3 44.0 66.0



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: 47.371 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060825.D

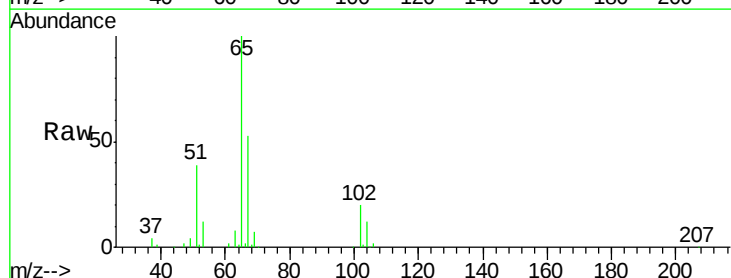
Acq: 2 Apr 2020 16:09

Tgt Ion: 65 Resp: 133818

Ion Ratio Lower Upper

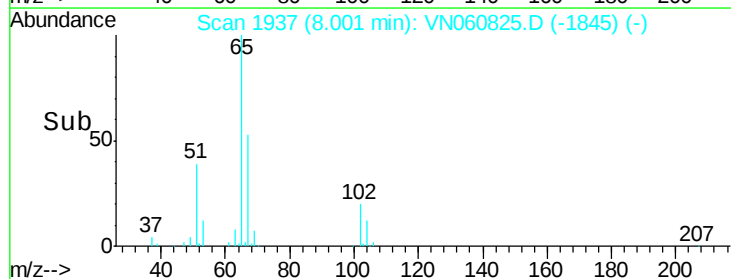
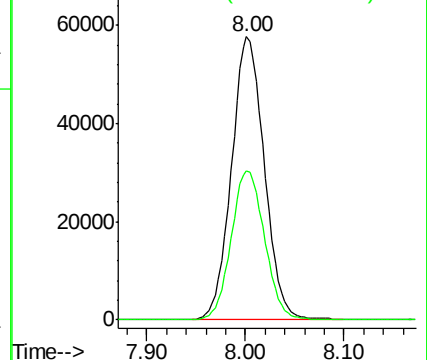
65 100

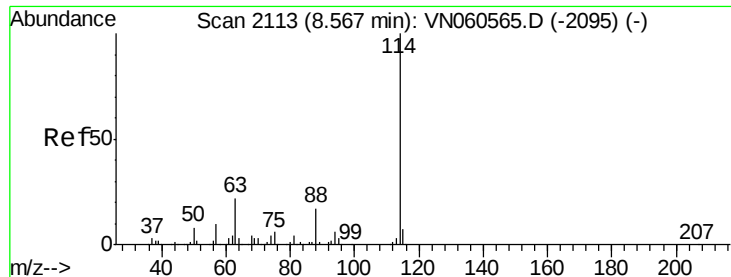
67 53.5 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

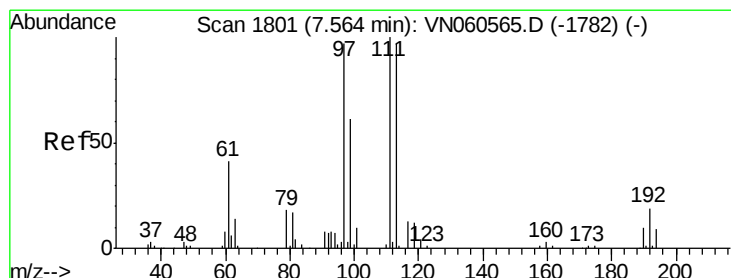
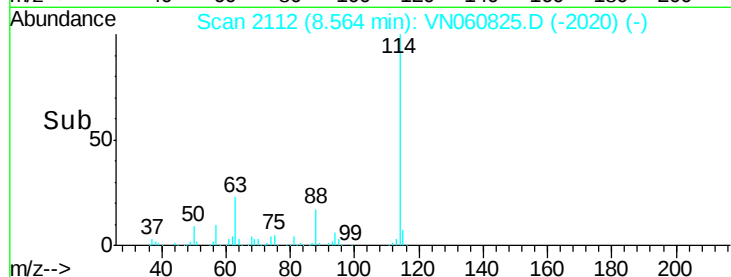
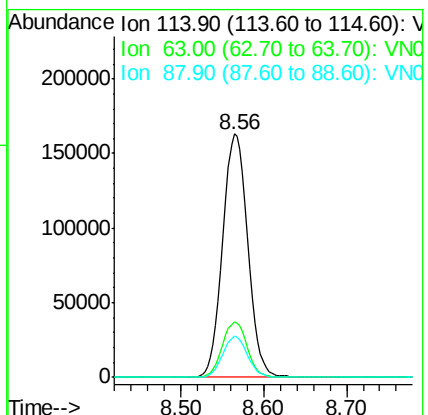
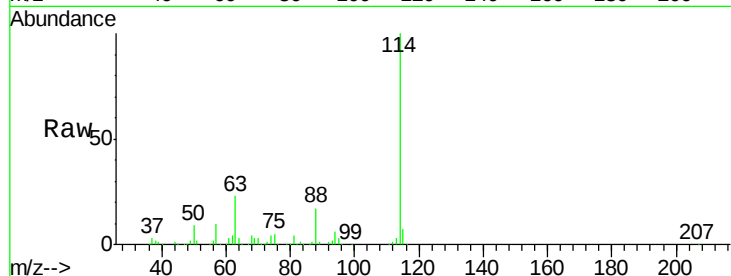




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060825.D
 Acq: 2 Apr 2020 16:09

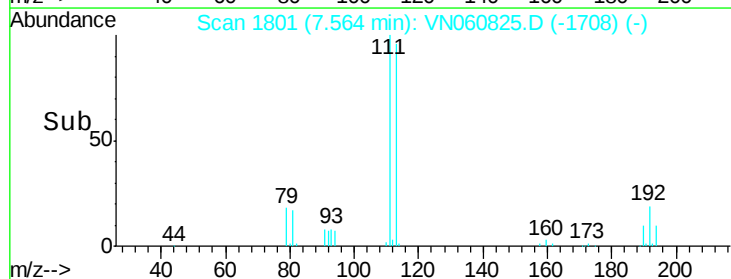
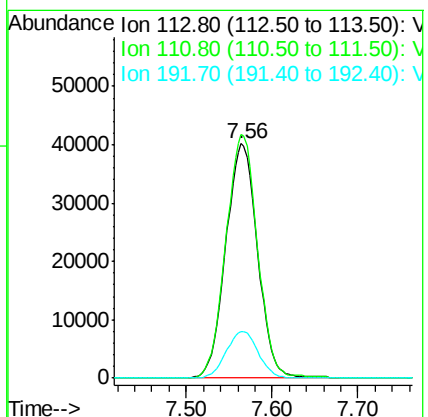
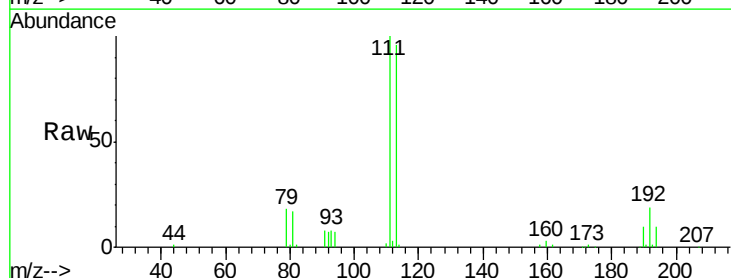
Instrument :
 MSVOA_N
 ClientSampleId :
 2-5-1

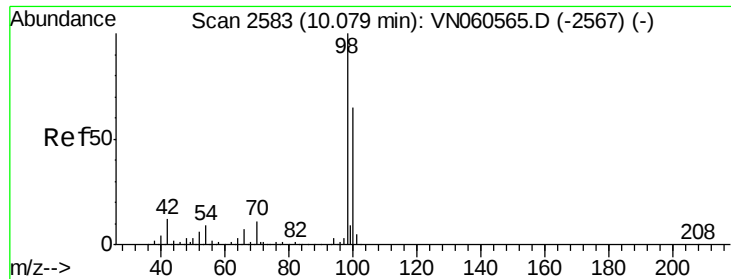
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.8
88	16.9	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.651 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060825.D
 Acq: 2 Apr 2020 16:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	20.0	15.8	23.8





#50

Toluene-d8

Concen: 49.996 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060825.D

Acq: 2 Apr 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

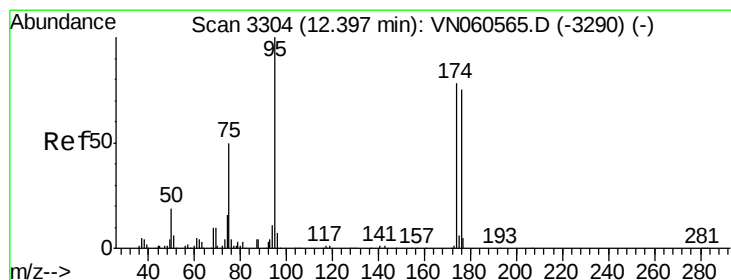
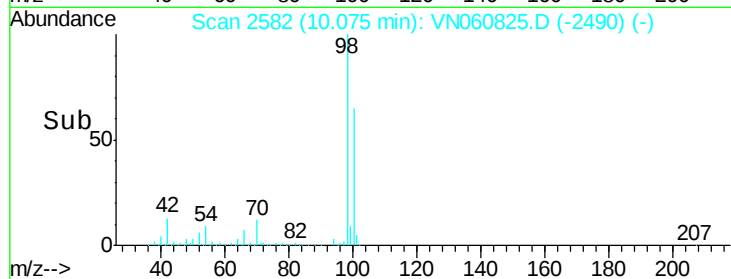
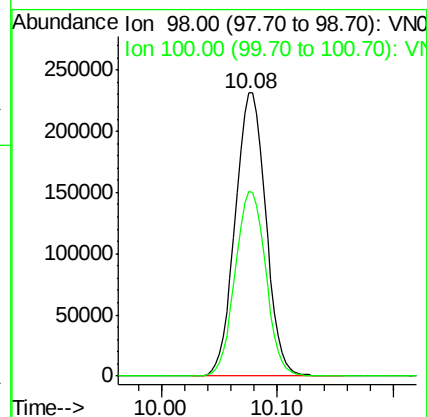
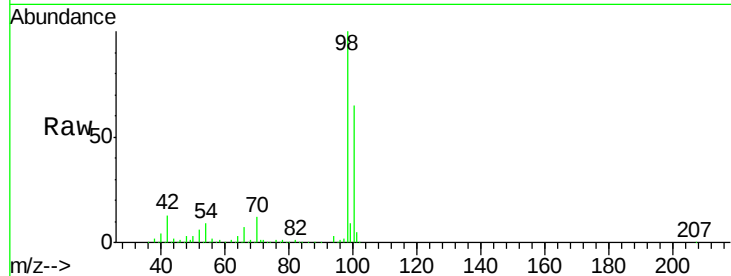
2-5-1

Tot Ion: 98 Resp: 424407

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 51.654 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060825.D

Acq: 2 Apr 2020 16:09

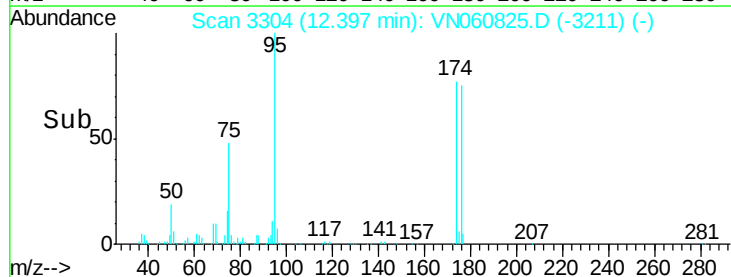
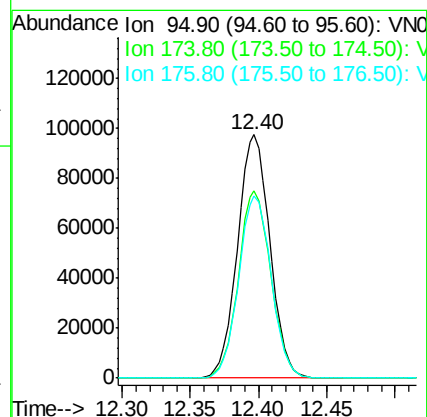
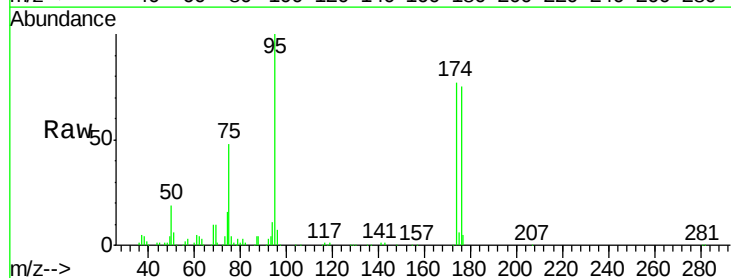
Tgt Ion: 95 Resp: 160697

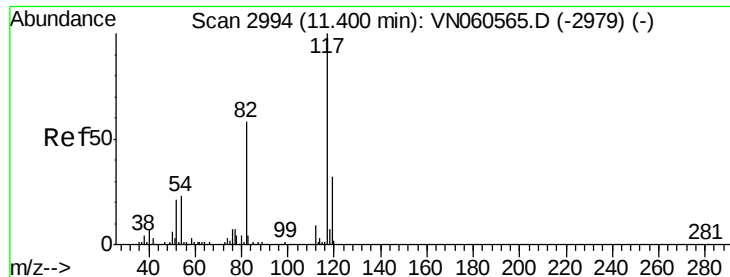
Ion Ratio Lower Upper

95 100

174 77.2 0.0 157.6

176 75.4 0.0 150.6

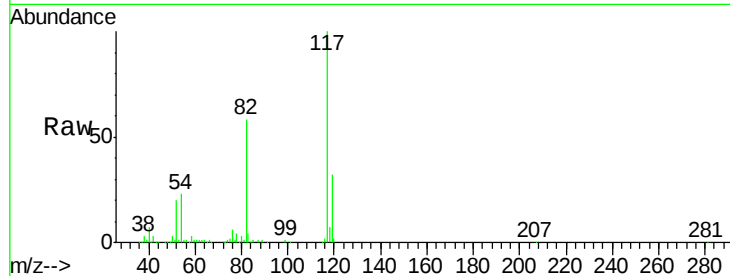




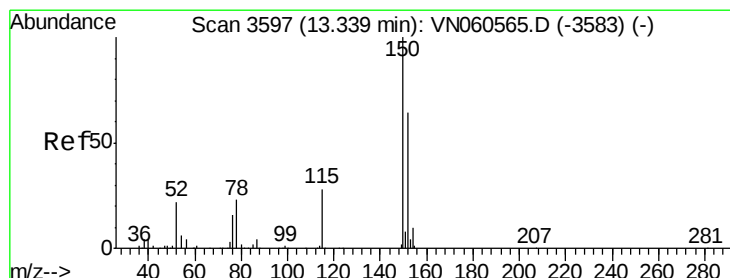
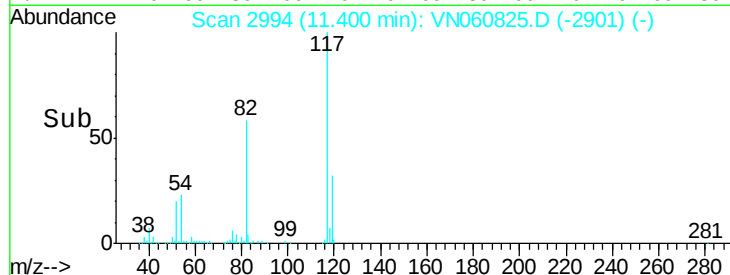
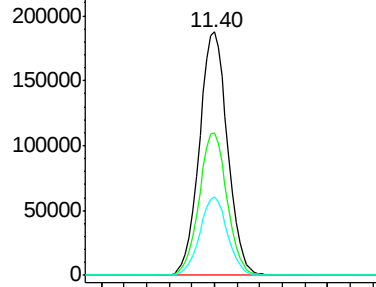
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060825.D
Acq: 2 Apr 2020 16:09

Instrument :
MSVOA_N
ClientSampled :
2-5-1

Tot Ion:117 Resp: 324674
Ion Ratio Lower Upper
117 100
82 58.4 46.7 70.1
119 32.2 25.5 38.3

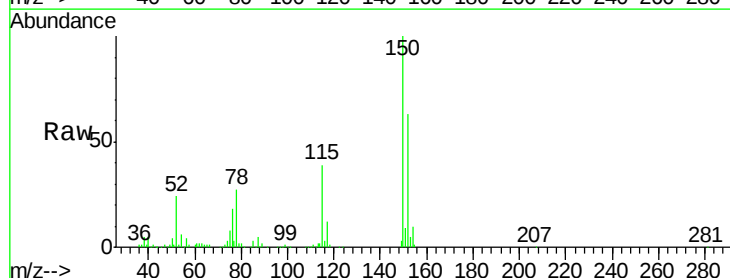


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060825.D
Acq: 2 Apr 2020 16:09

Tgt Ion:152 Resp: 146547
Ion Ratio Lower Upper
152 100
115 60.0 30.2 90.6
150 156.5 0.0 350.2



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

