

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060820.D
 Acq On : 2 Apr 2020 13:54
 Operator : JC/MD
 Sample : L2018-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Apr 03 08:41:42 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	202317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	336901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	312283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138180	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130746	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	7.56	113	99569	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	10.08	98	413131	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.40	95	150784	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

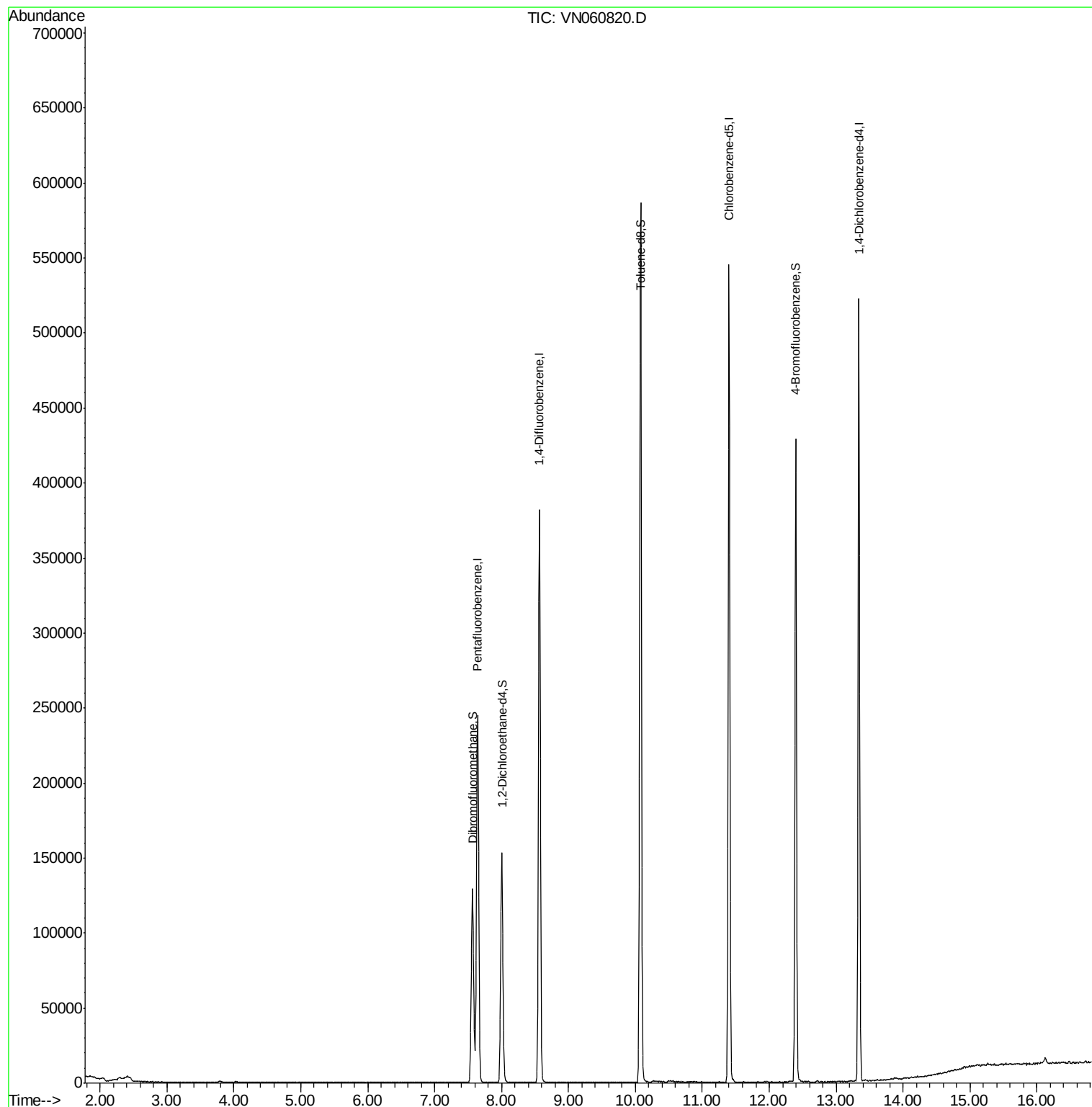
Target Compounds	Qvalue

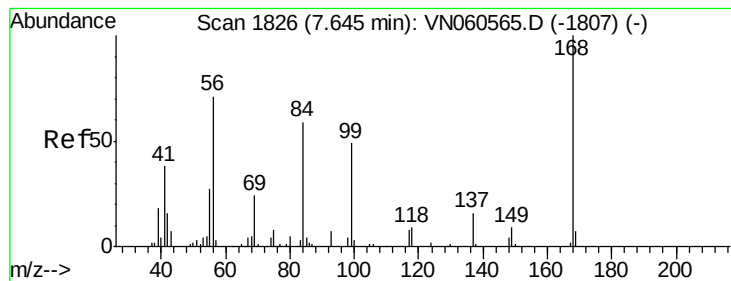
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060820.D

Acq: 2 Apr 2020 13:54

Instrument :

MSVOA_N

ClientSampled :

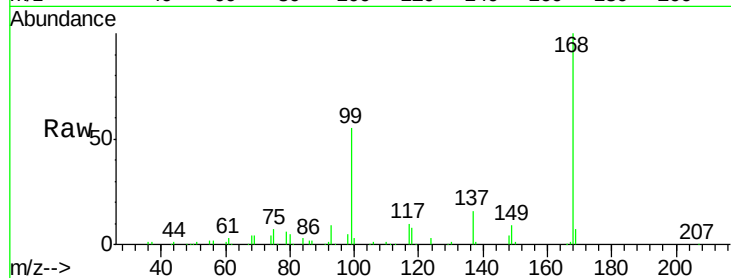
MW-1

Tot Ion:168 Resp: 202317

Ion Ratio Lower Upper

168 100

99 55.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

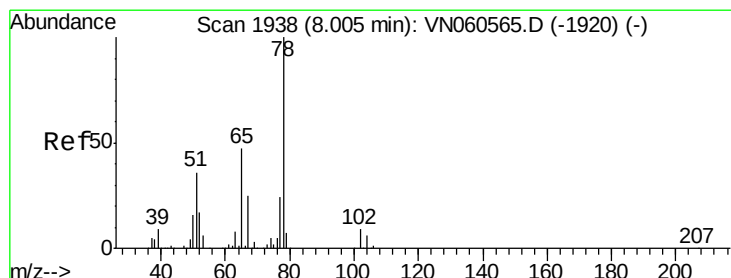
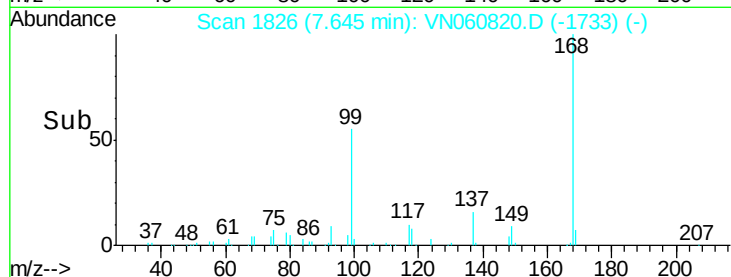
40000

20000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.076 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060820.D

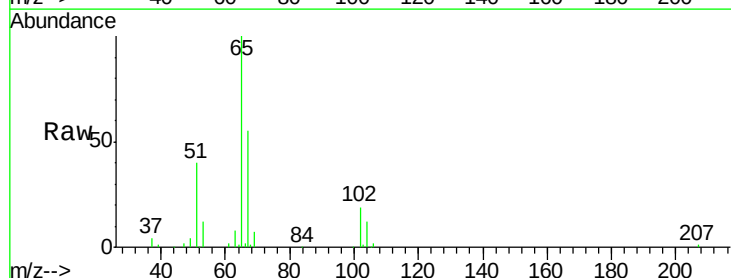
Acq: 2 Apr 2020 13:54

Tgt Ion: 65 Resp: 130746

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

60000

50000

40000

30000

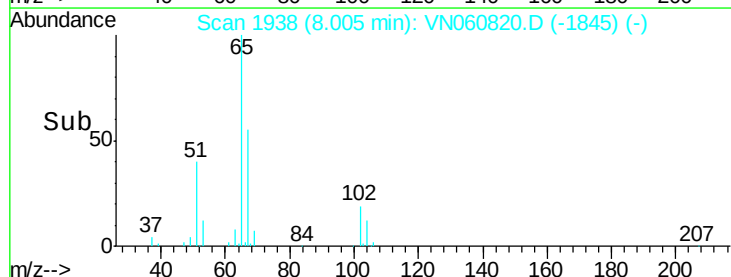
20000

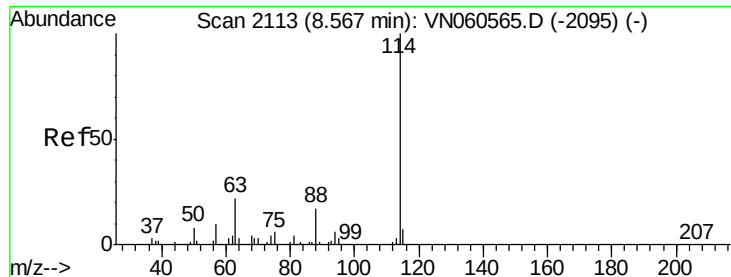
10000

0

7.90 8.00 8.10

Time-->

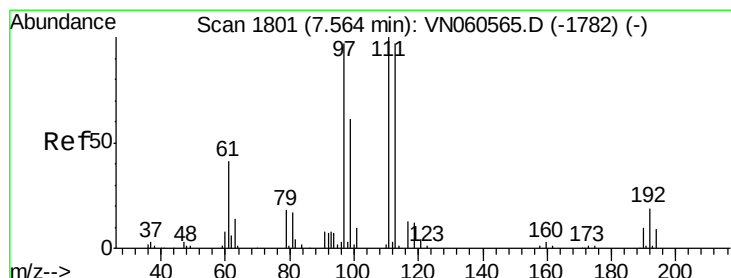
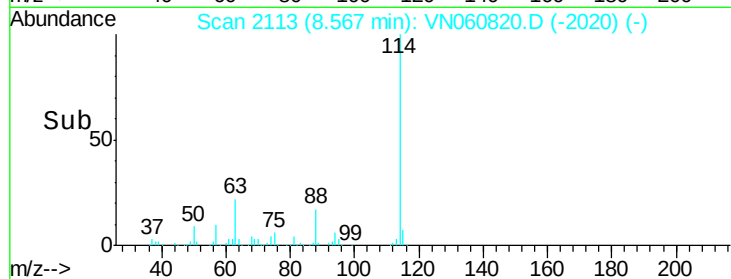
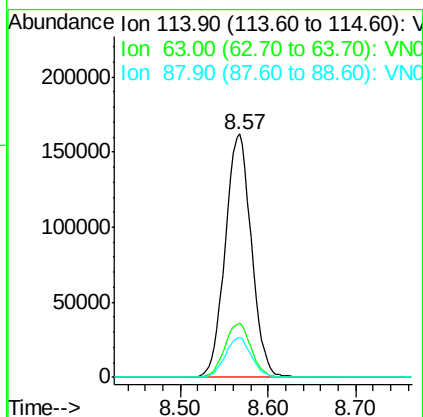
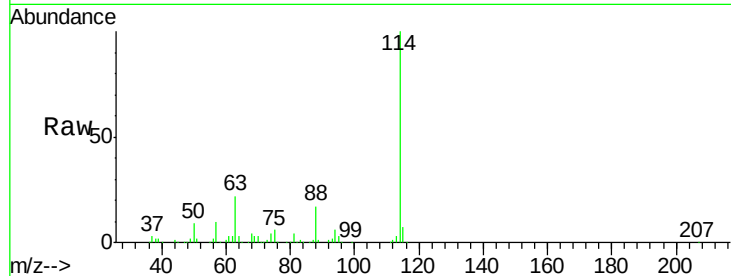




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060820.D
 Acq: 2 Apr 2020 13:54

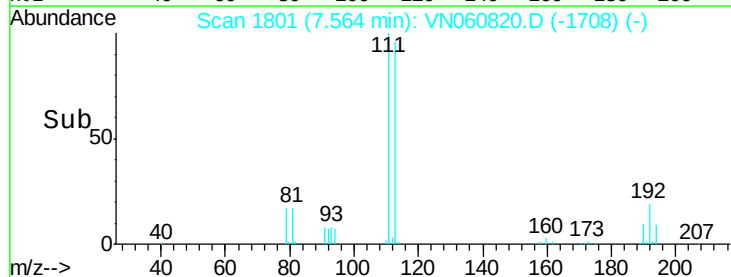
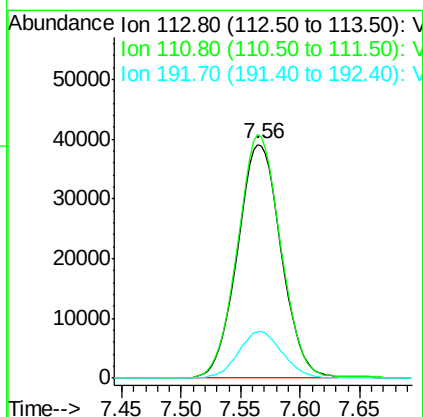
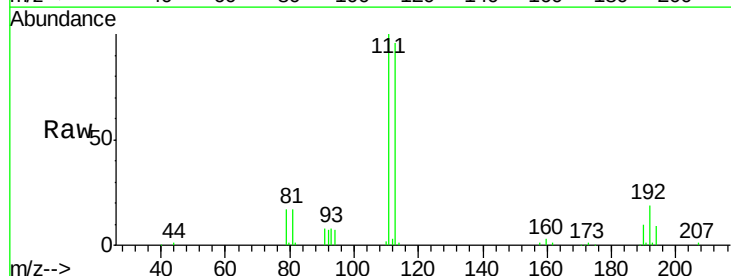
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

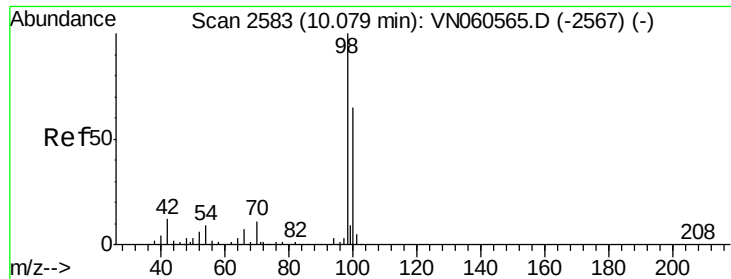
Tot Ion:114 Resp: 336901
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.8
 88 16.6 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 48.877 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060820.D
 Acq: 2 Apr 2020 13:54

Tgt Ion:113 Resp: 99569
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 20.0 15.8 23.8

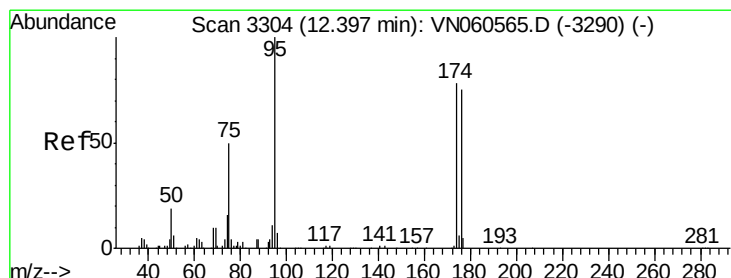
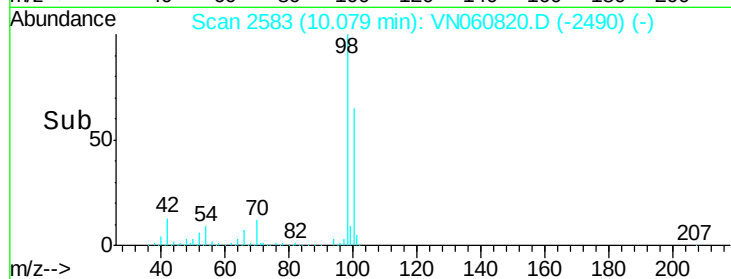
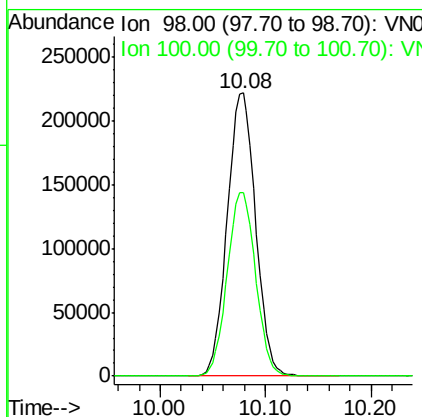
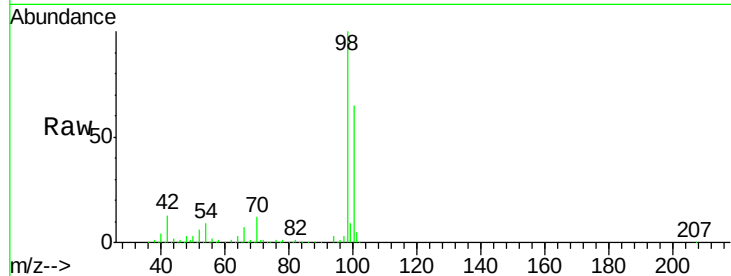




#50
Toluene-d8
Concen: 49.650 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060820.D
Acq: 2 Apr 2020 13:54

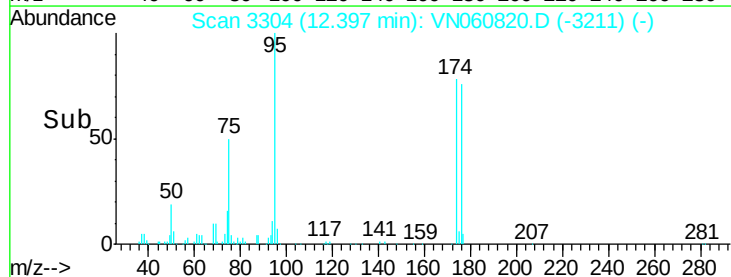
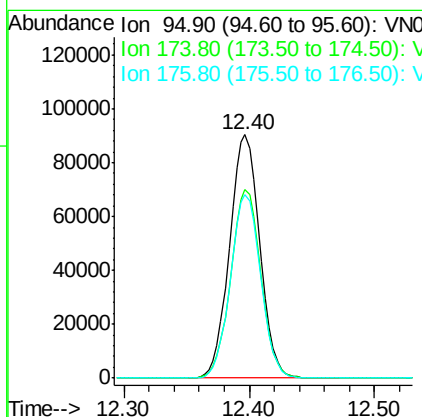
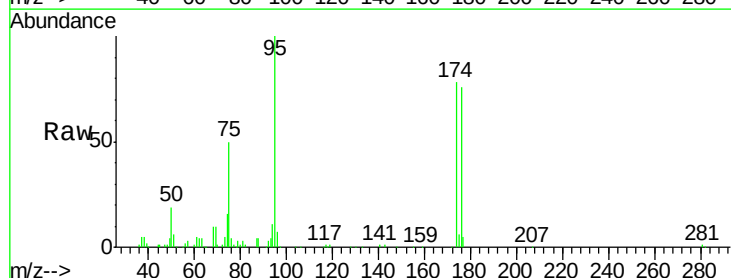
Instrument :
MSVOA_N
ClientSampled :
MW-1

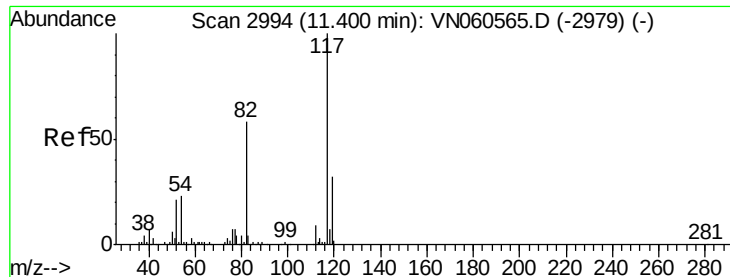
Tot Ion: 98 Resp: 413131
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 49.446 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060820.D
Acq: 2 Apr 2020 13:54

Tgt Ion: 95 Resp: 150784
Ion Ratio Lower Upper
95 100
174 77.3 0.0 157.6
176 75.6 0.0 150.6

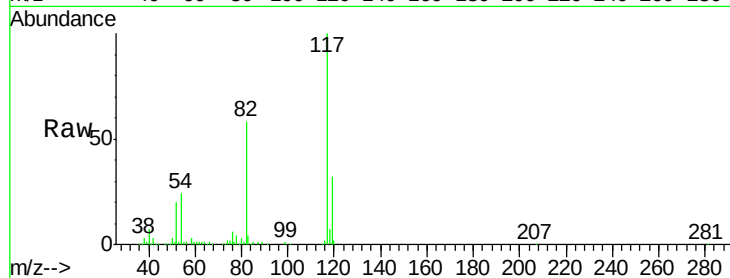




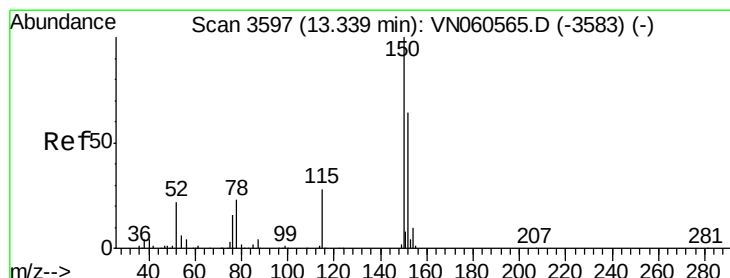
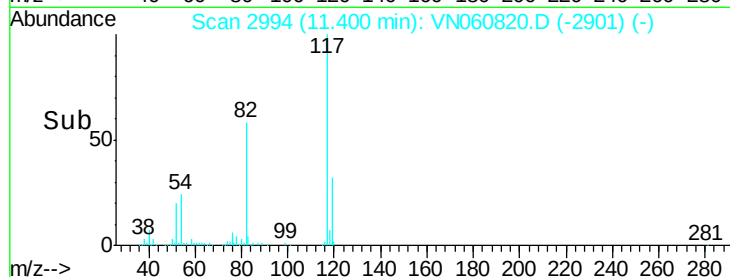
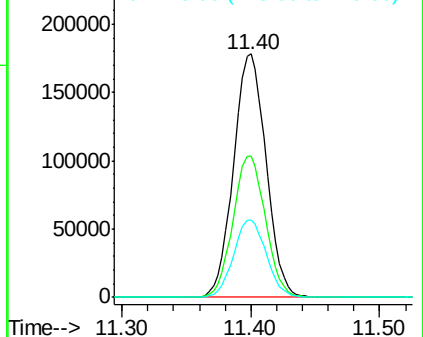
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060820.D
Acq: 2 Apr 2020 13:54

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion:117 Resp: 312283
Ion Ratio Lower Upper
117 100
82 58.0 46.7 70.1
119 31.9 25.5 38.3

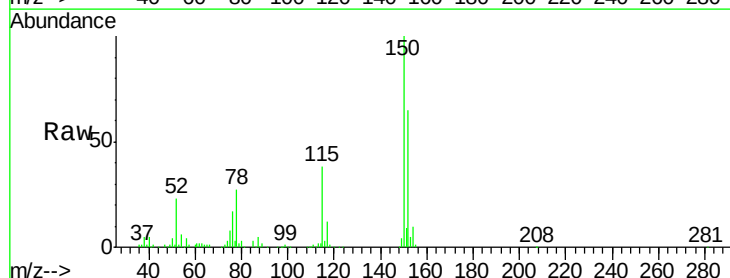


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060820.D
Acq: 2 Apr 2020 13:54

Tgt Ion:152 Resp: 138180
Ion Ratio Lower Upper
152 100
115 59.3 30.2 90.6
150 155.6 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

