

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060821.D
 Acq On : 2 Apr 2020 14:27
 Operator : JC/MD
 Sample : L2018-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Apr 03 08:46:41 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

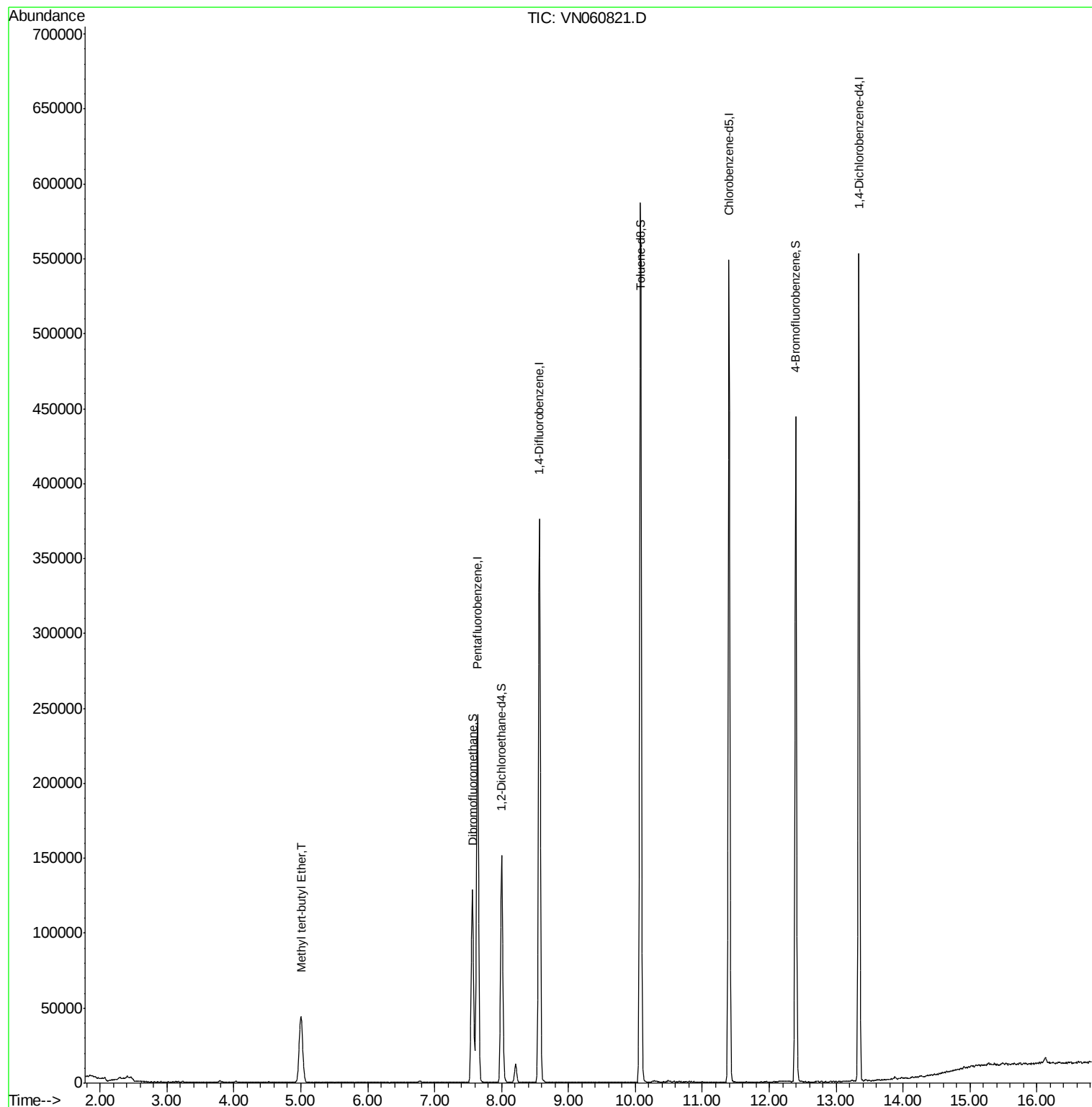
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	333237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131380	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
35) Dibromofluoromethane	7.56	113	99842	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	10.08	98	407722	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.40	95	154560	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
Target Compounds						
19) Methyl tert-butyl Ether	5.00	73	78179	10.538	ug/l	Qvalue 100

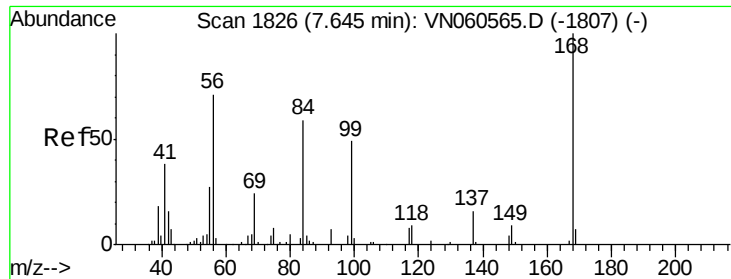
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040220\
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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060821.D

Acq: 2 Apr 2020 14:27

Instrument :

MSVOA_N

ClientSampled :

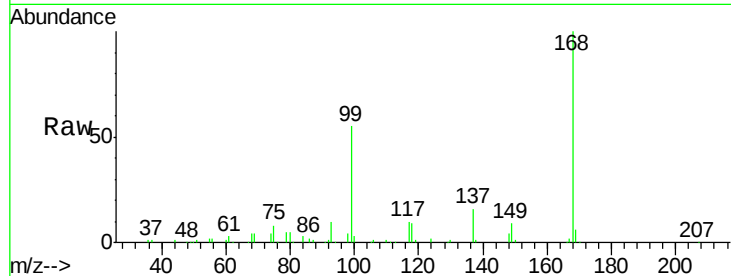
MW-3

Tot Ion:168 Resp: 199304

Ion Ratio Lower Upper

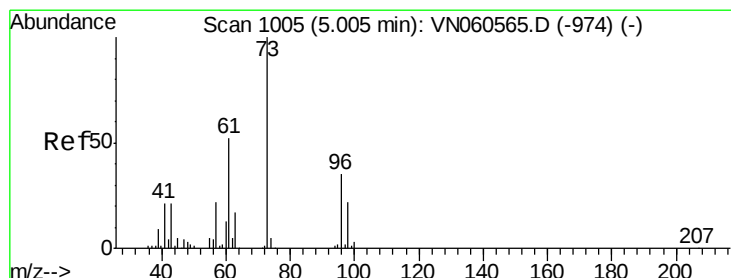
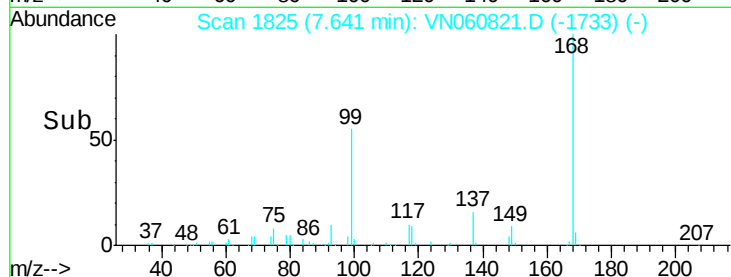
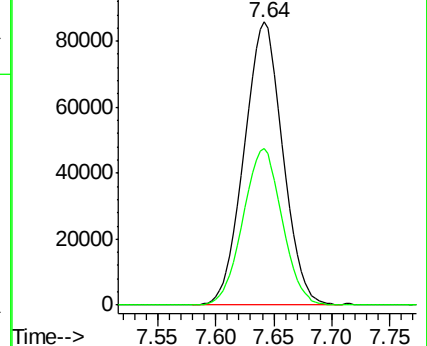
168 100

99 55.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#19

Methyl tert-butyl Ether

Concen: 10.538 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. -0.00 min

Lab File: VN060821.D

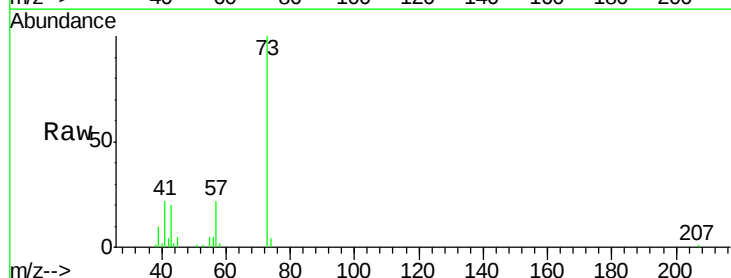
Acq: 2 Apr 2020 14:27

Tgt Ion: 73 Resp: 78179

Ion Ratio Lower Upper

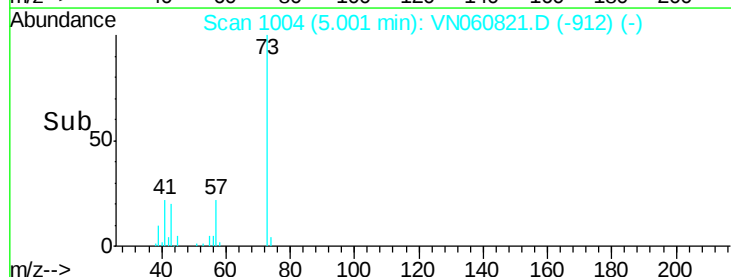
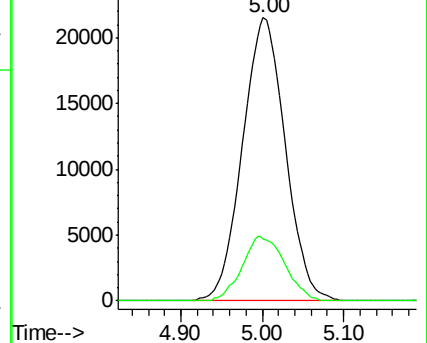
73 100

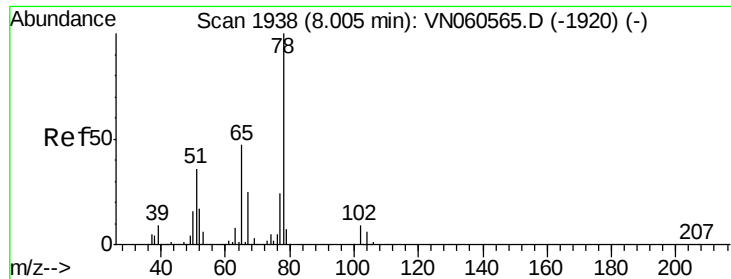
57 21.9 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VN

Ion 57.00 (56.70 to 57.70): VN

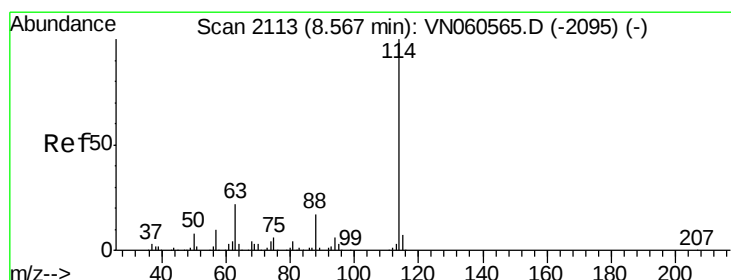
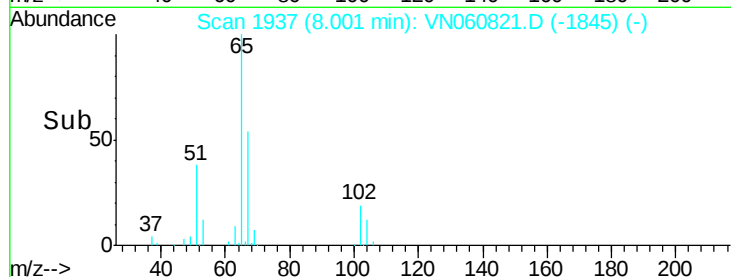
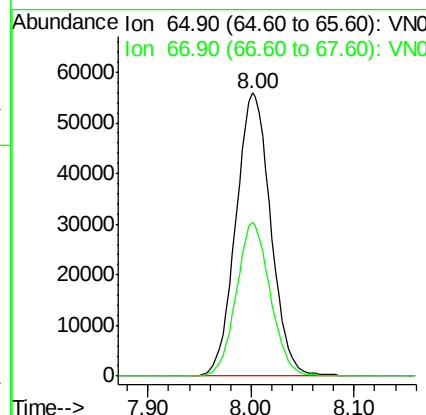
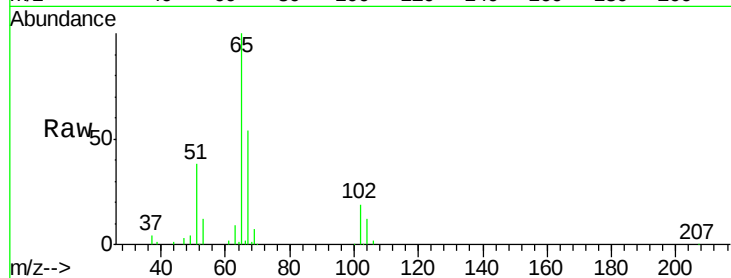




#33
 1,2-Dichloroethane-d4
 Concen: 48.019 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060821.D
 Acq: 2 Apr 2020 14:27

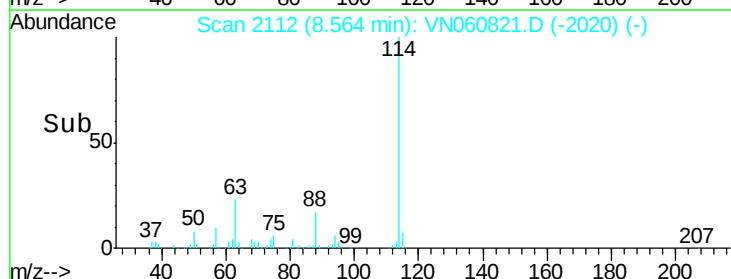
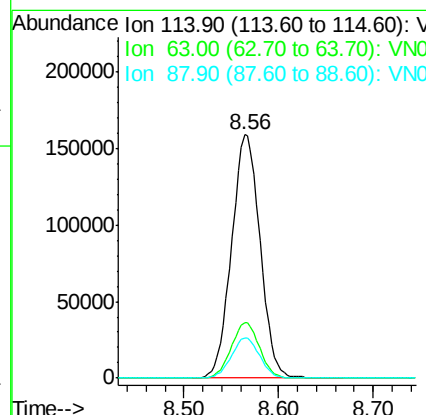
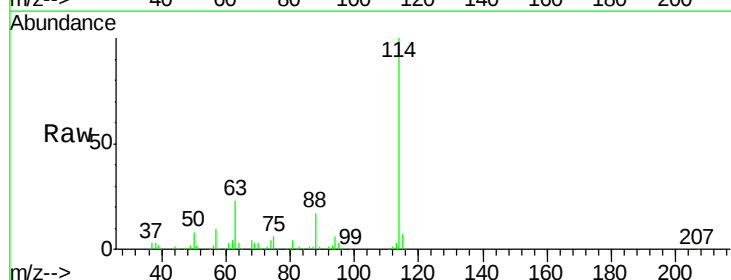
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

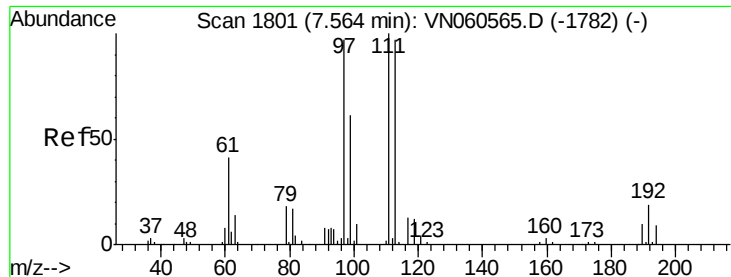
Tot Ion: 65 Resp: 131380
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060821.D
 Acq: 2 Apr 2020 14:27

Tgt Ion: 114 Resp: 333237
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.8
 88 16.7 0.0 33.0

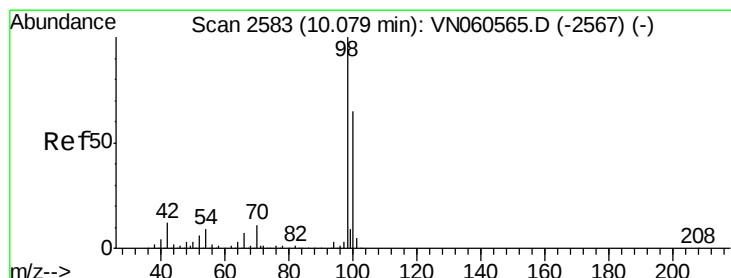
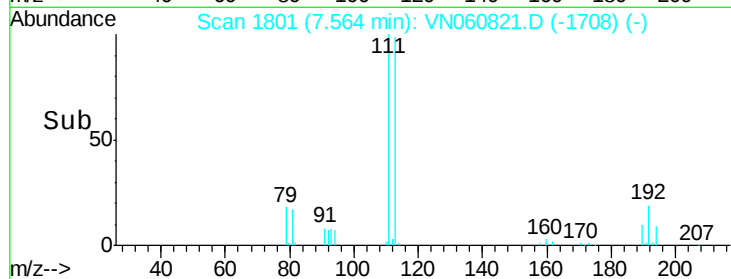
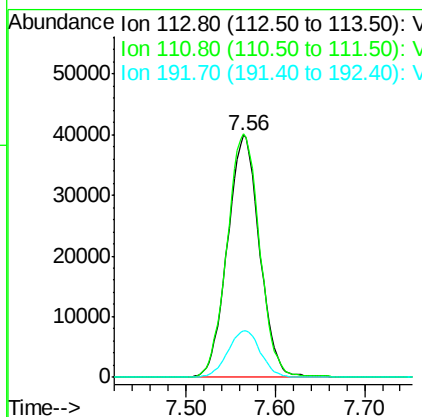
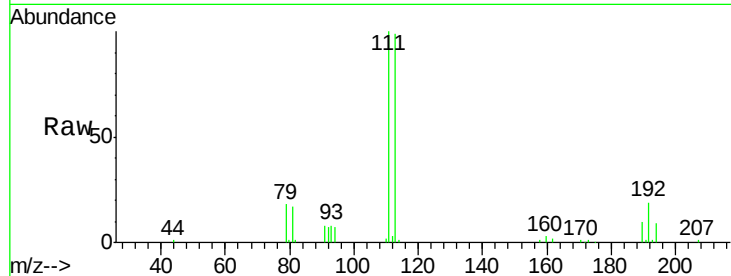




#35
Dibromofluoromethane
Concen: 49.550 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060821.D
Acq: 2 Apr 2020 14:27

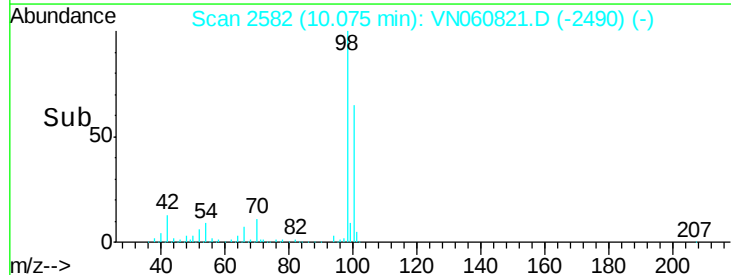
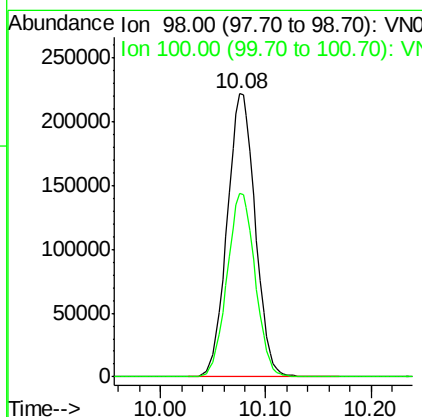
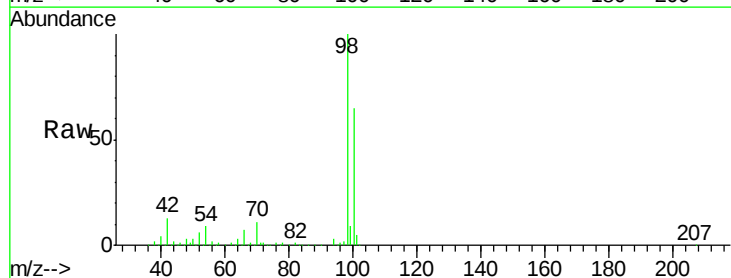
Instrument :
MSVOA_N
ClientSampled :
MW-3

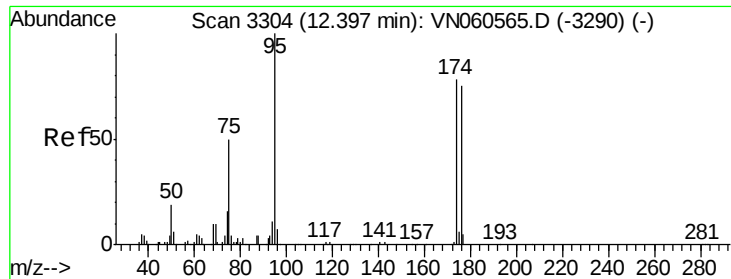
Tot Ion:113 Resp: 99842
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 19.4 15.8 23.8



#50
Toluene-d8
Concen: 49.539 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060821.D
Acq: 2 Apr 2020 14:27

Tgt Ion: 98 Resp: 407722
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.8

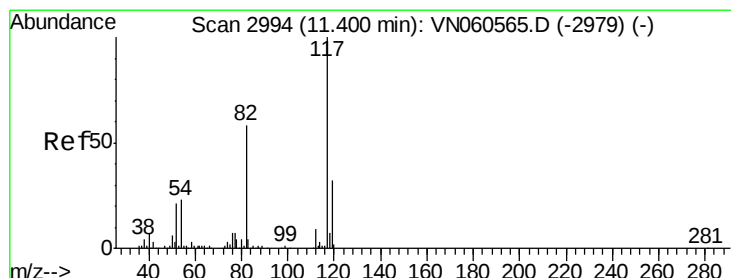
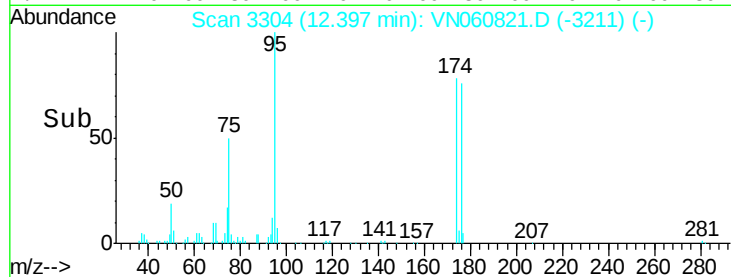
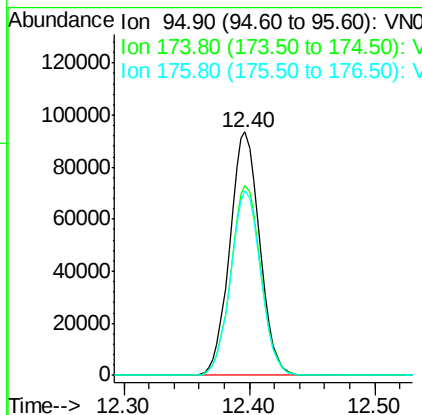
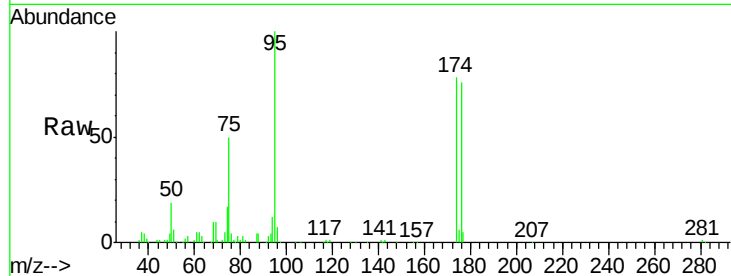




#62
4-Bromofluorobenzene
Concen: 51.241 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060821.D
Acq: 2 Apr 2020 14:27

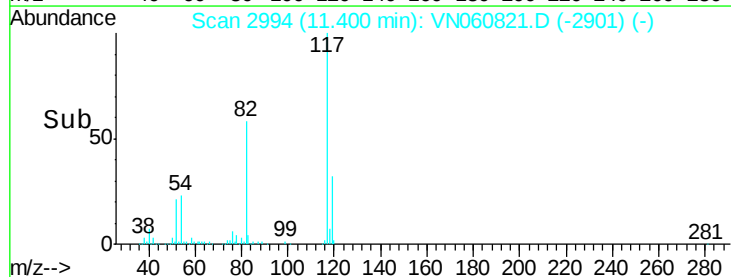
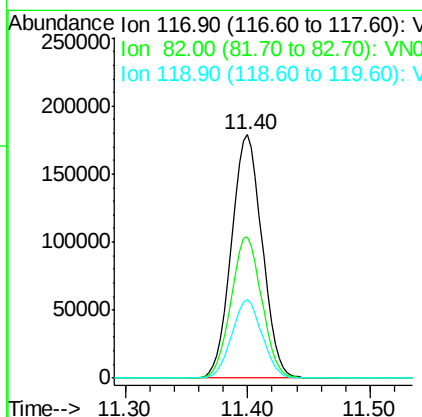
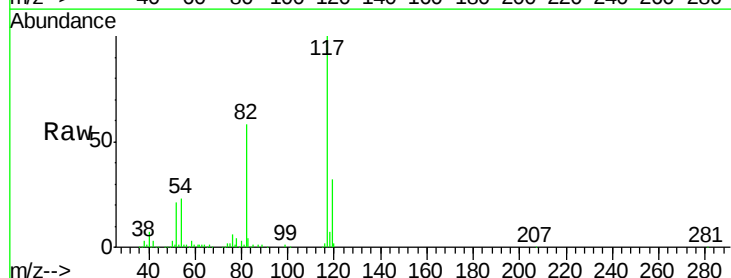
Instrument :
MSVOA_N
ClientSampleId :
MW-3

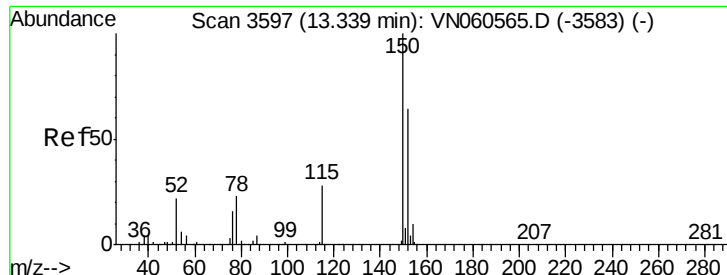
Tot Ion: 95 Resp: 154560
Ion Ratio Lower Upper
95 100
174 78.6 0.0 157.6
176 75.9 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060821.D
Acq: 2 Apr 2020 14:27

Tgt Ion: 117 Resp: 313187
Ion Ratio Lower Upper
117 100
82 58.0 46.7 70.1
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060821.D

Acq: 2 Apr 2020 14:27

Instrument :

MSVOA_N

ClientSampleId :

MW-3

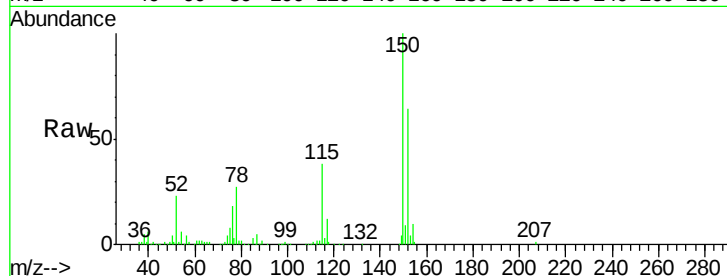
Tot Ion:152 Resp: 143711

Ion Ratio Lower Upper

152 100

115 59.3 30.2 90.6

150 156.0 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

