

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060100.D
 Acq On : 14 Feb 2020 10:33
 Operator : JC/MD
 Sample : VN0214WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214WBL01

Quant Time: Feb 15 02:52:04 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	184340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	294778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	263560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109170	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111540	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
35) Dibromofluoromethane	7.57	113	89762	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.08	98	351747	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.40	95	119354	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	

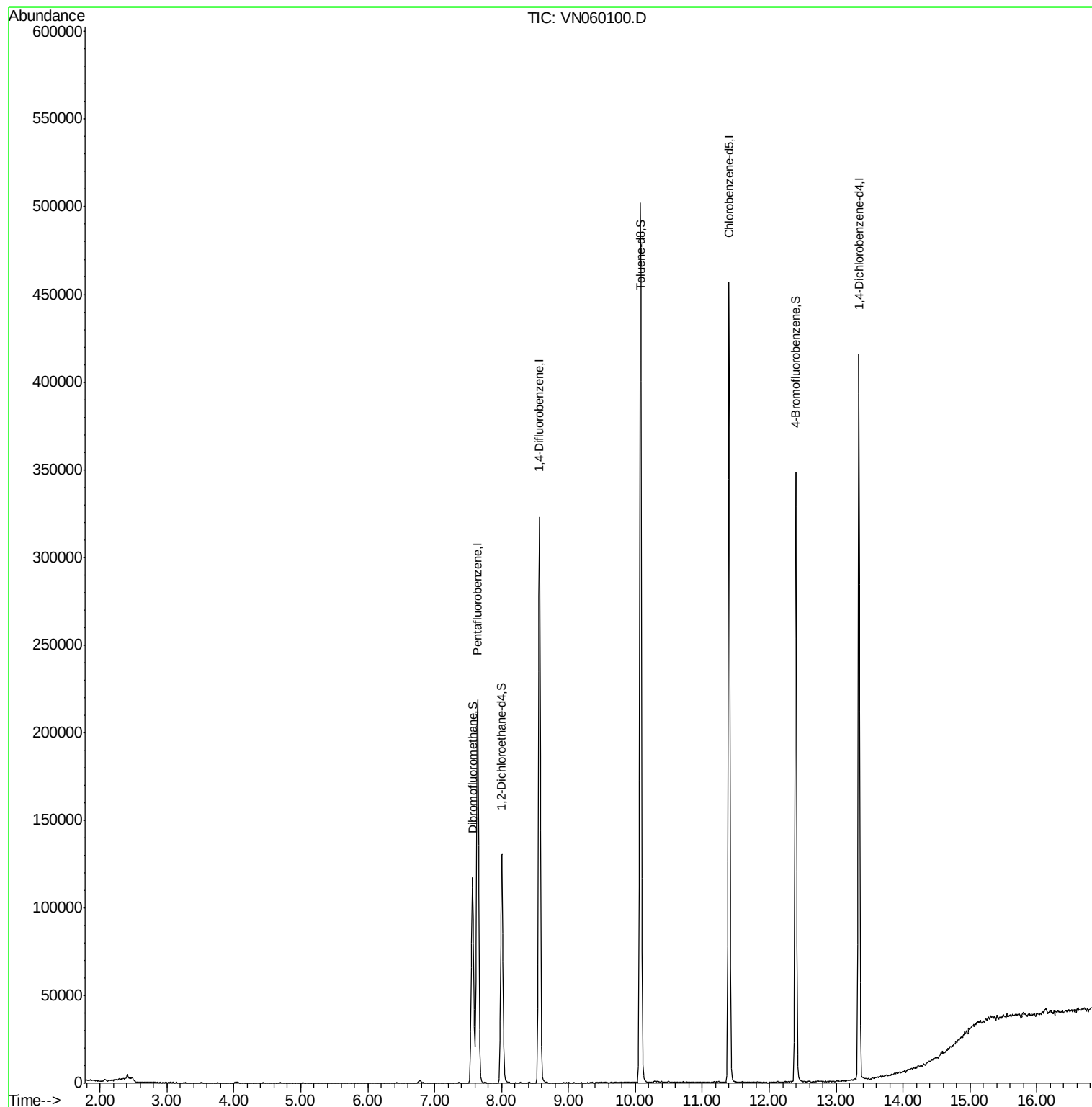
Target Compounds	Qvalue

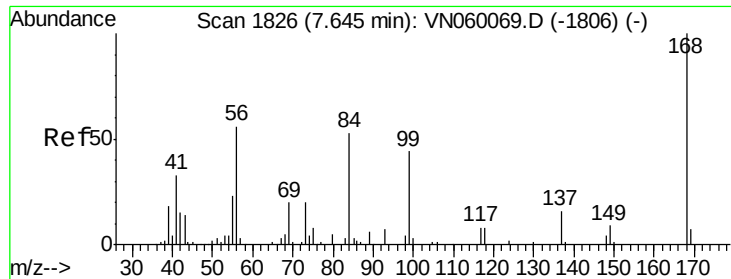
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 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: VN060100.D

Acq: 14 Feb 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

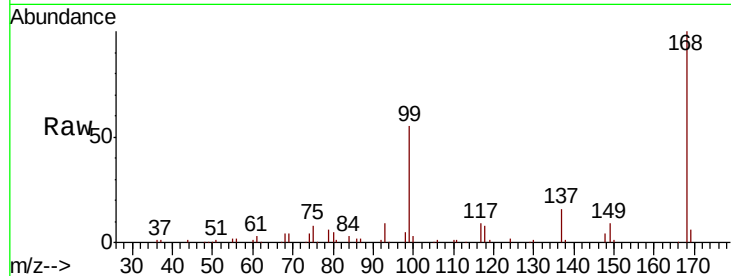
VN0214WBL01

Tot Ion:168 Resp: 184340

Ion Ratio Lower Upper

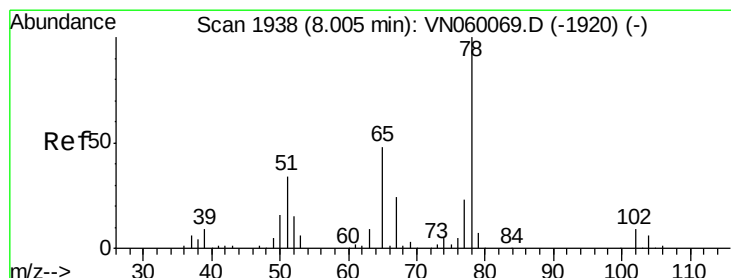
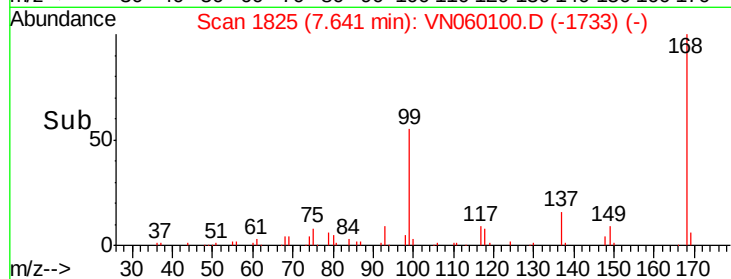
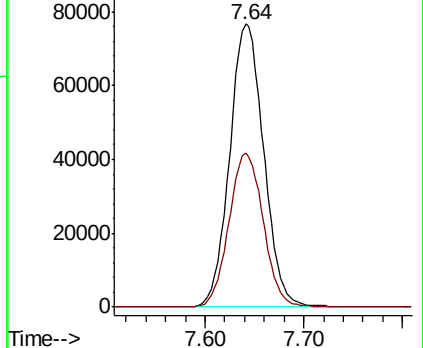
168 100

99 54.6 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 49.726 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060100.D

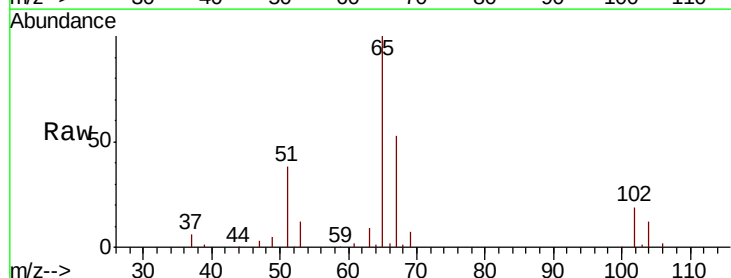
Acq: 14 Feb 2020 10:33

Tgt Ion: 65 Resp: 111540

Ion Ratio Lower Upper

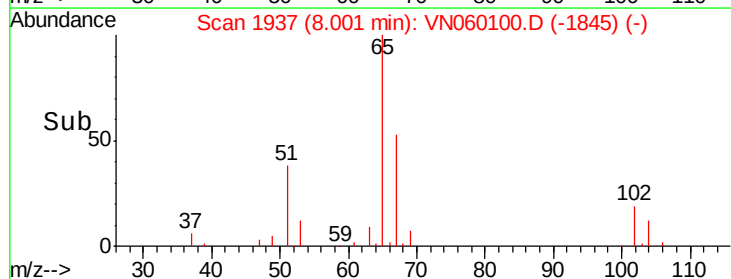
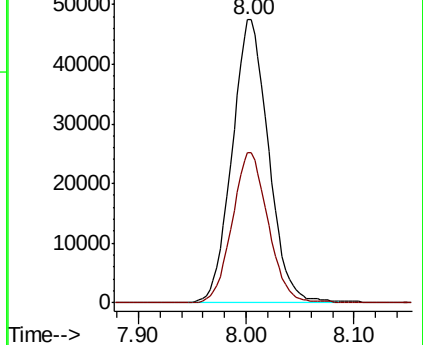
65 100

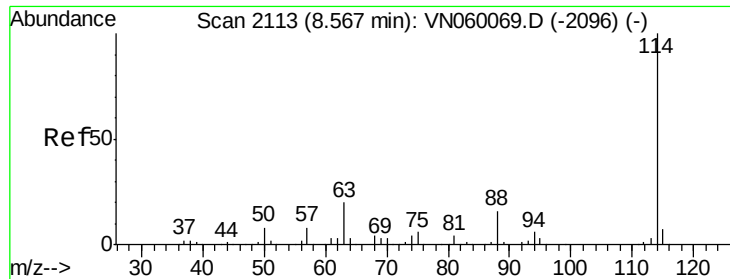
67 52.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

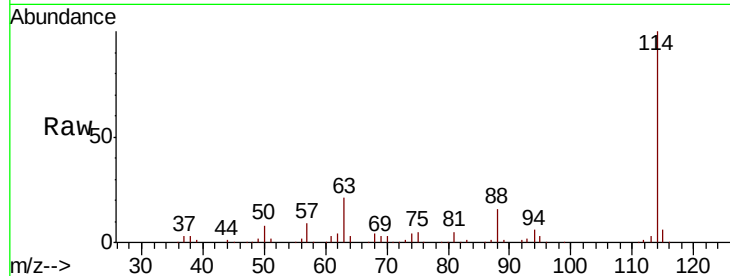




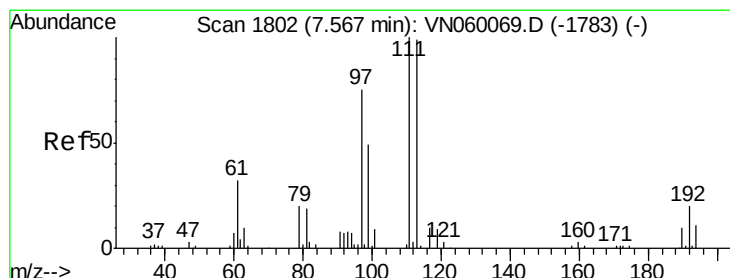
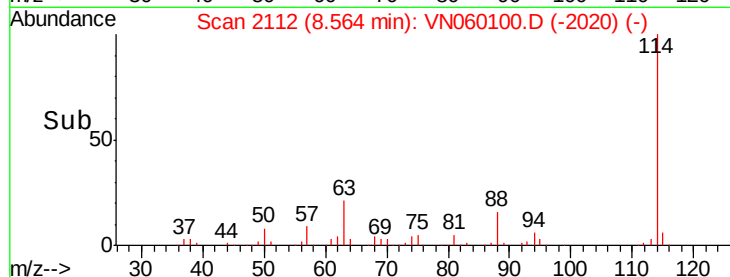
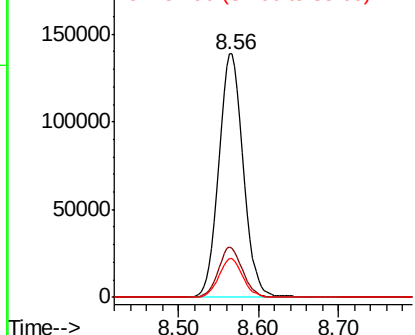
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN060100.D
Acq: 14 Feb 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0214WBL01

Tot Ion:114 Resp: 294778
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.0
88 15.8 0.0 31.6

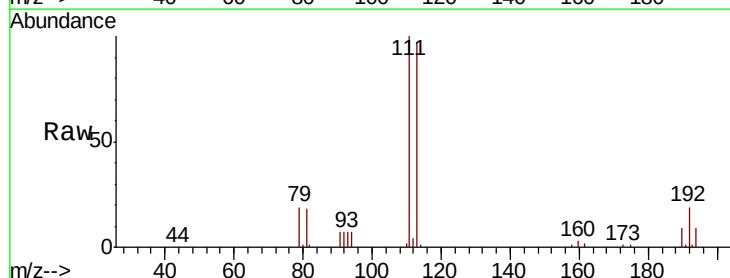


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

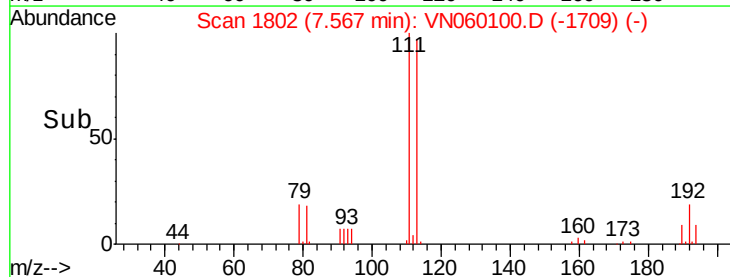
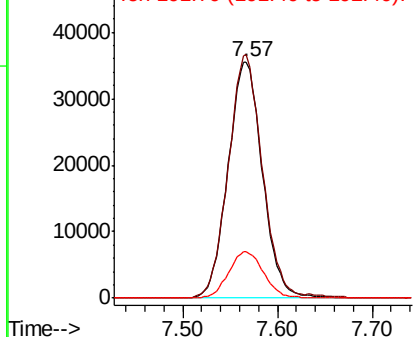


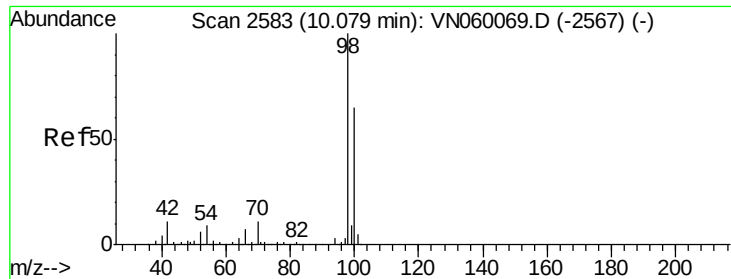
#35
Dibromofluoromethane
Concen: 49.537 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060100.D
Acq: 14 Feb 2020 10:33

Tgt Ion:113 Resp: 89762
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.2
192 19.8 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

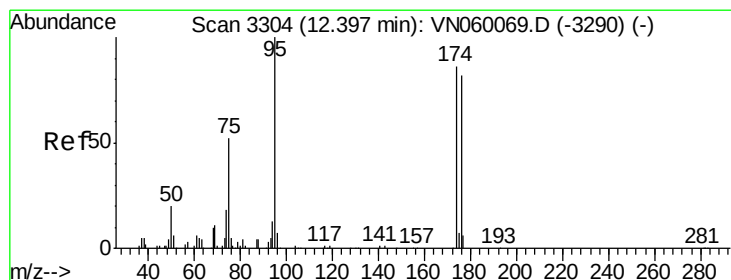
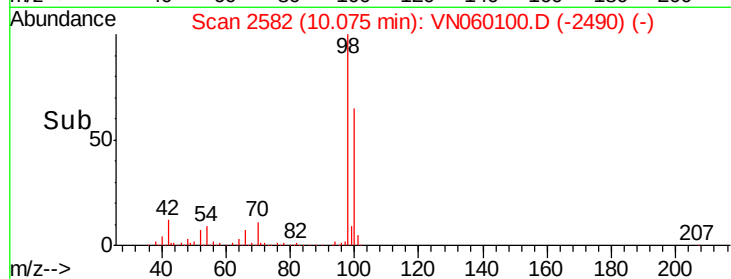
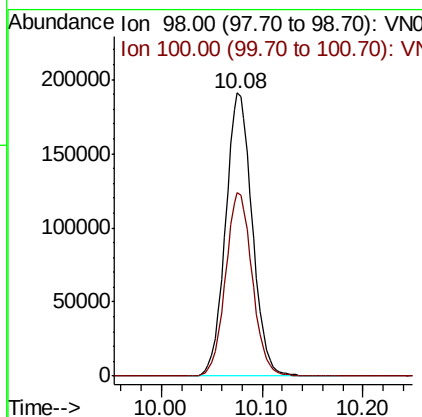
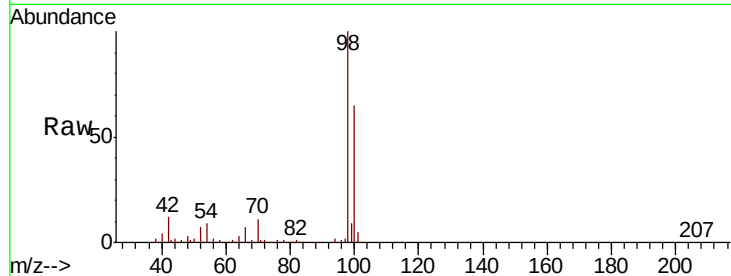




#50
Toluene-d8
Concen: 49.295 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060100.D
Acq: 14 Feb 2020 10:33

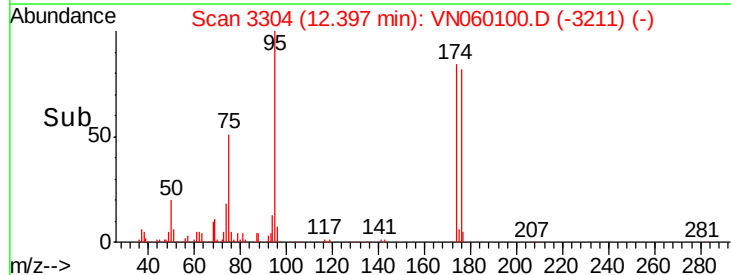
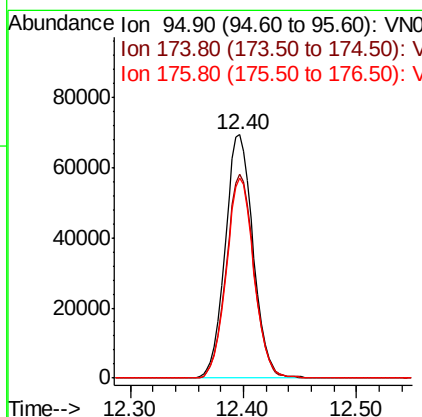
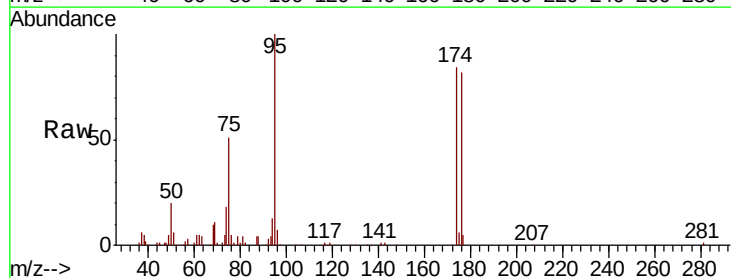
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBL01

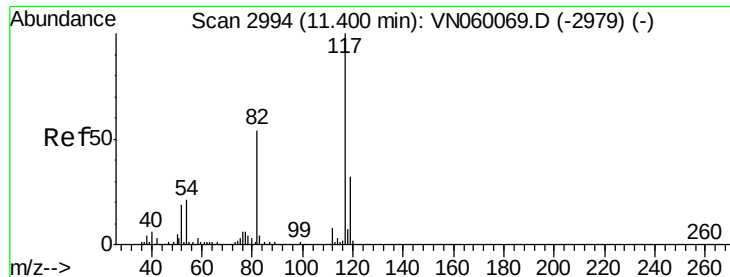
Tot Ion: 98 Resp: 351747
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.520 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060100.D
Acq: 14 Feb 2020 10:33

Tgt Ion: 95 Resp: 119354
Ion Ratio Lower Upper
95 100
174 82.9 0.0 169.8
176 81.2 0.0 164.8

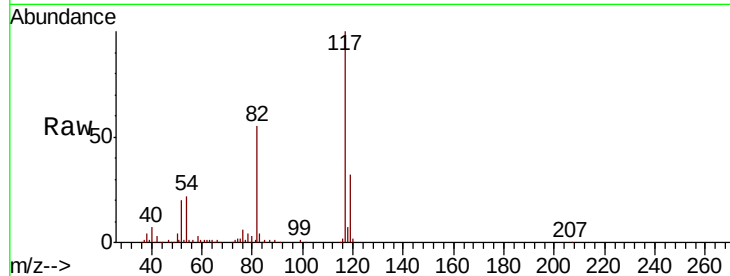




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060100.D
Acq: 14 Feb 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0214WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.4	65.0
119	32.4	25.8	38.6

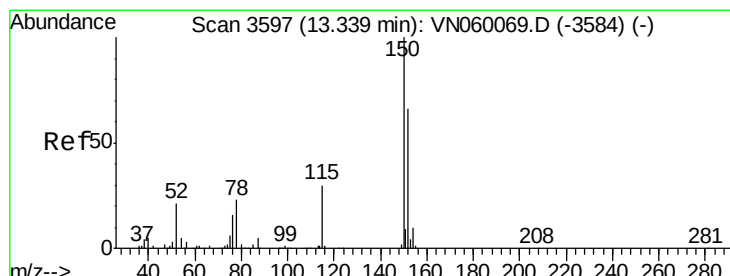
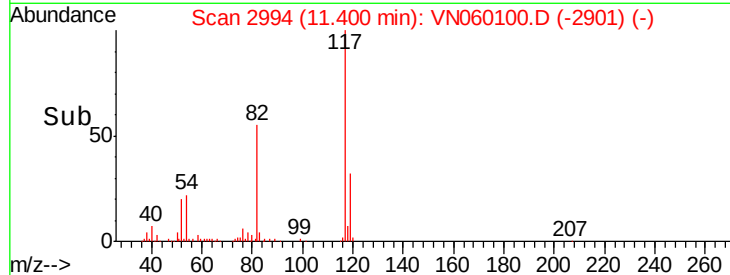
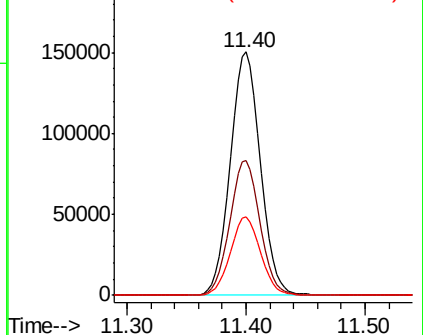


Abundance

Ion 116.90 (116.60 to 117.60): V

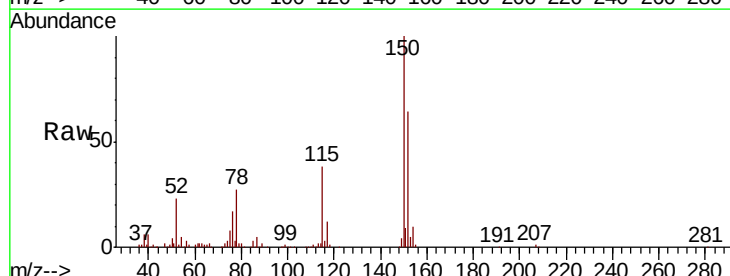
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060100.D
Acq: 14 Feb 2020 10:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.9	86.8
150	156.0	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

