

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060220.D
 Acq On : 25 Feb 2020 9:34
 Operator : JC/MD
 Sample : VN0225MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225MBL01

Quant Time: Feb 25 15:59:09 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	191479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	298885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109448	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	112582	48.32	ug/l	0.00
Spiked Amount						
			Recovery	=	96.64%	
35) Dibromofluoromethane	7.57	113	90745	49.39	ug/l	0.00
Spiked Amount						
			Recovery	=	98.78%	
50) Toluene-d8	10.08	98	357687	49.44	ug/l	0.00
Spiked Amount						
			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.40	95	120254	45.23	ug/l	0.00
Spiked Amount						
			Recovery	=	90.46%	

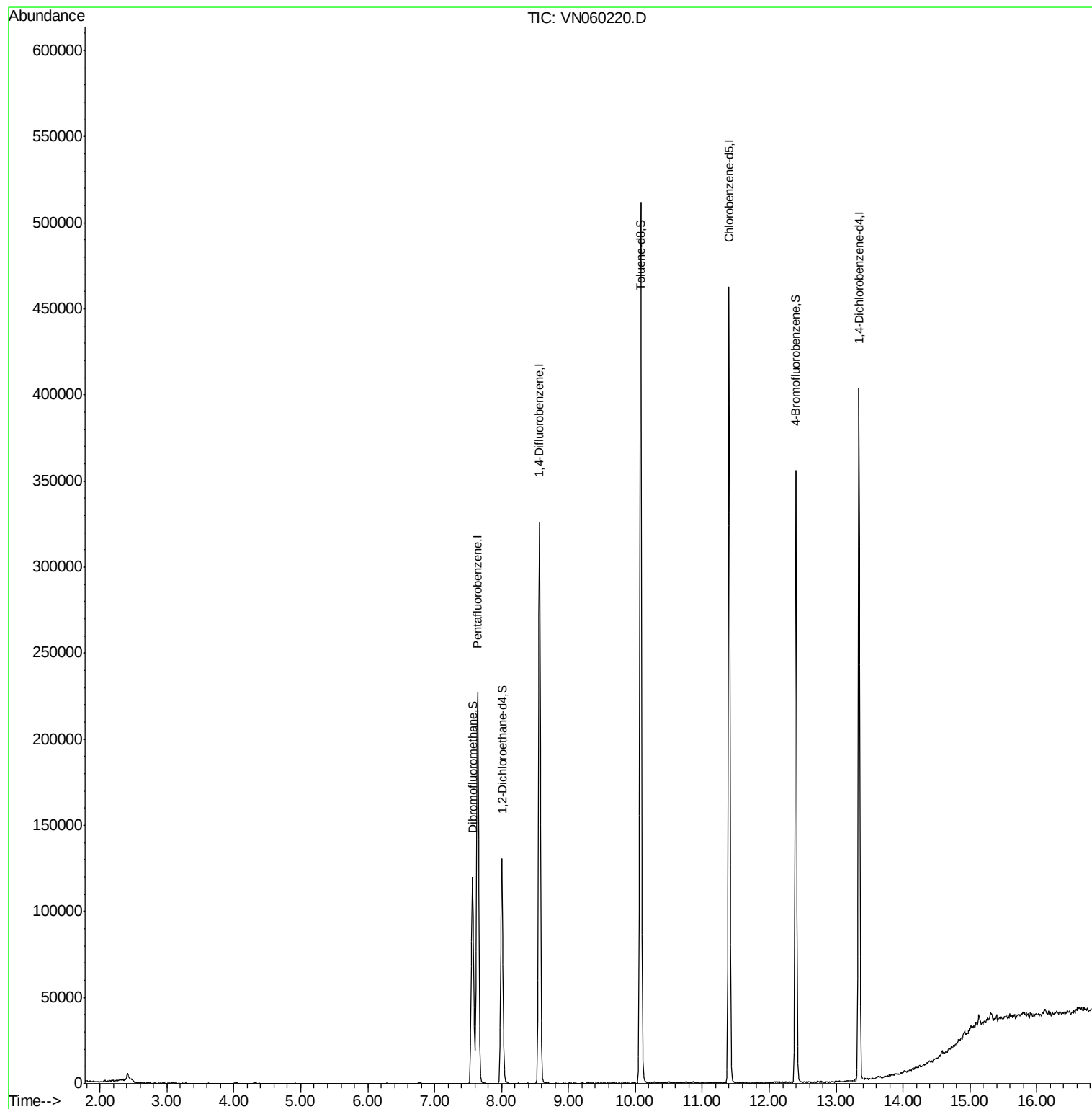
Target Compounds	Qvalue

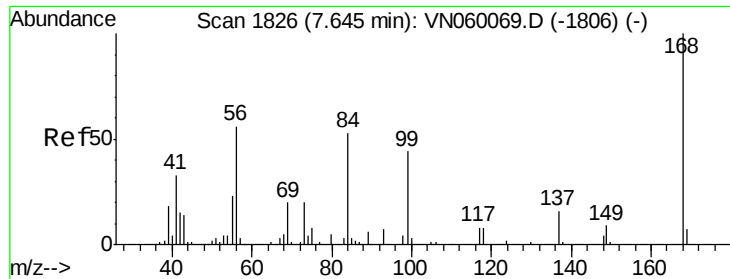
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022520\
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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# 1826

Delta R.T. -0.00 min

Lab File: VN060220.D

Acq: 25 Feb 2020 9:34

Instrument :

MSVOA_N

ClientSampleId :

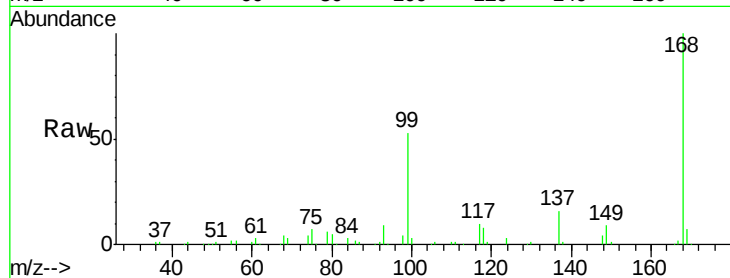
VN0225MBL01

Tot Ion:168 Resp: 191479

Ion Ratio Lower Upper

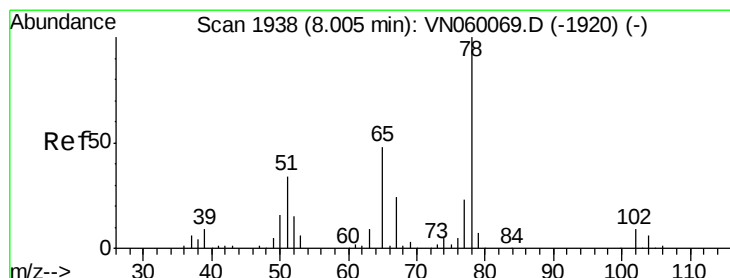
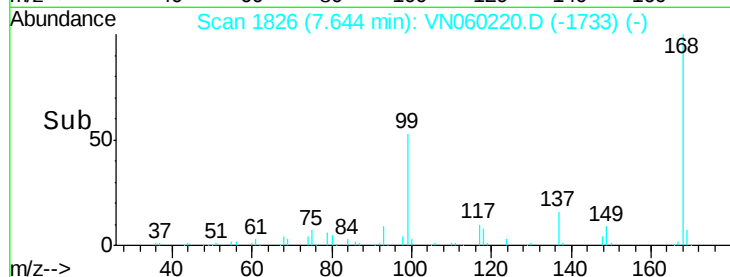
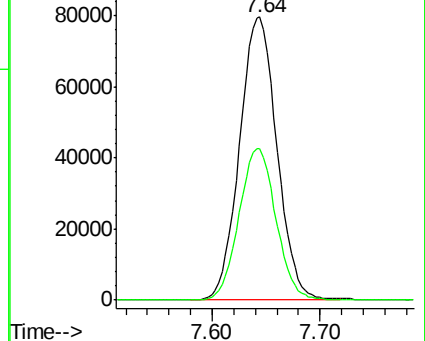
168 100

99 53.3 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: 48.319 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060220.D

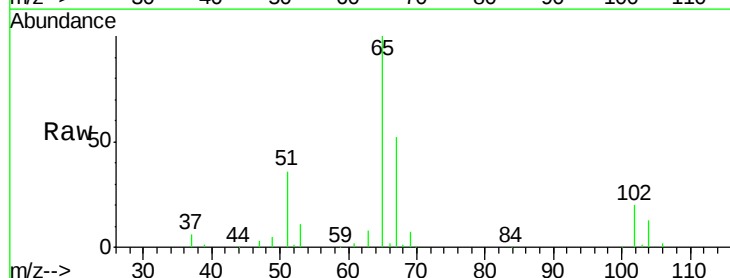
Acq: 25 Feb 2020 9:34

Tgt Ion: 65 Resp: 112582

Ion Ratio Lower Upper

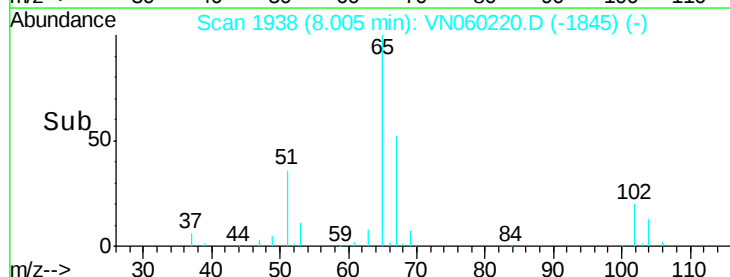
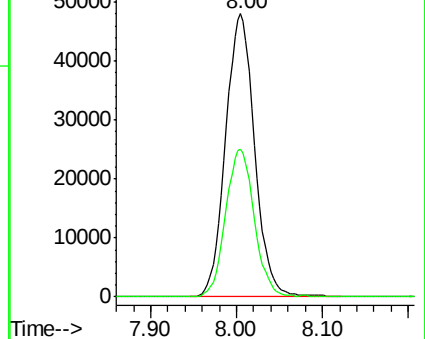
65 100

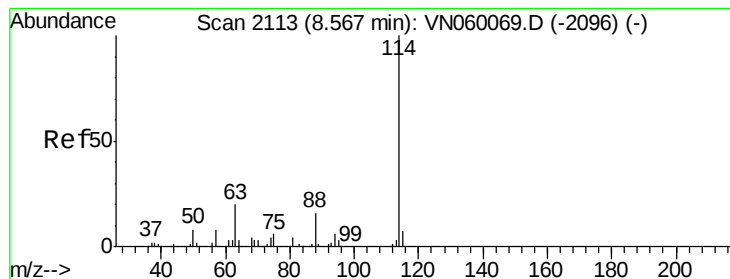
67 51.5 0.0 104.0



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: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060220.D

Acq: 25 Feb 2020 9:34

Instrument :

MSVOA_N

ClientSampleId :

VN0225MBL01

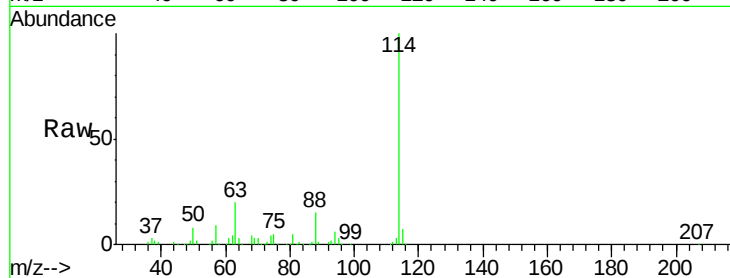
Tot Ion:114 Resp: 298885

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

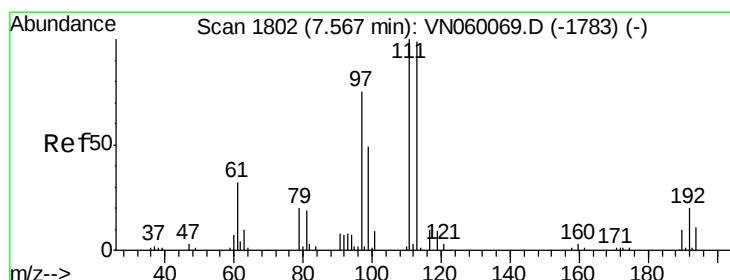
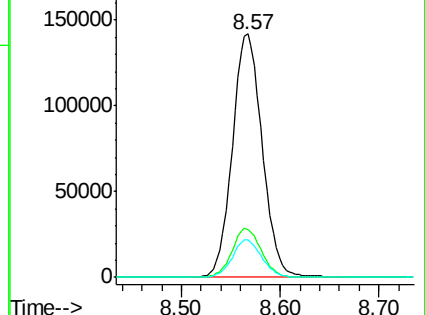
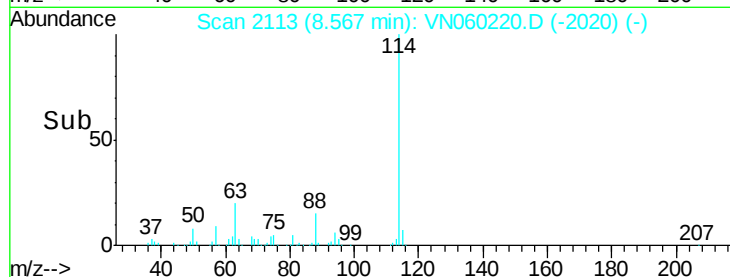
88 15.3 0.0 31.6



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: 49.392 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN060220.D

Acq: 25 Feb 2020 9:34

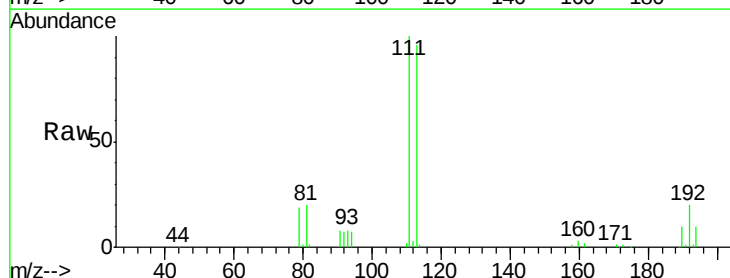
Tgt Ion:113 Resp: 90745

Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.2

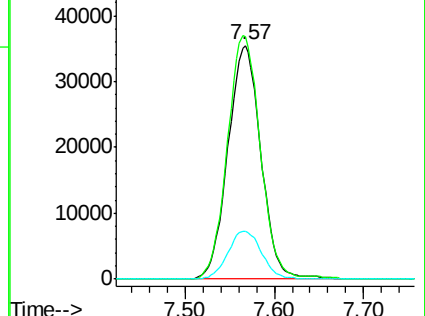
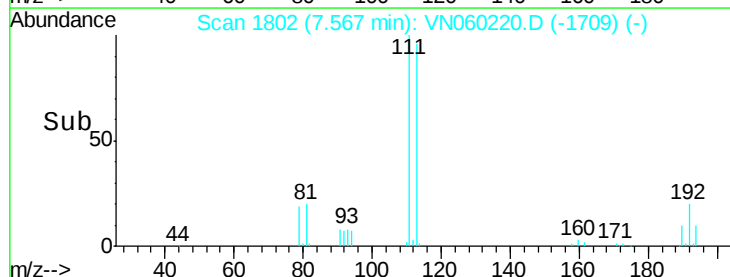
192 20.7 16.2 24.2

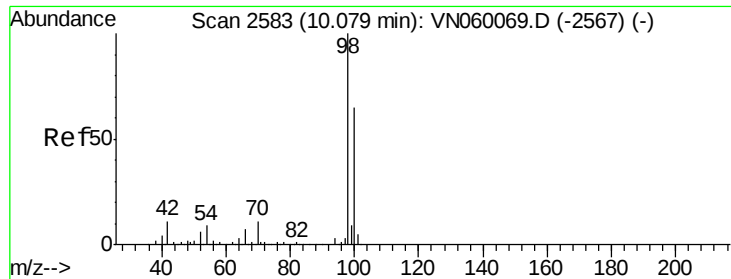


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.439 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060220.D

Acq: 25 Feb 2020 9:34

Instrument :

MSVOA_N

ClientSampleId :

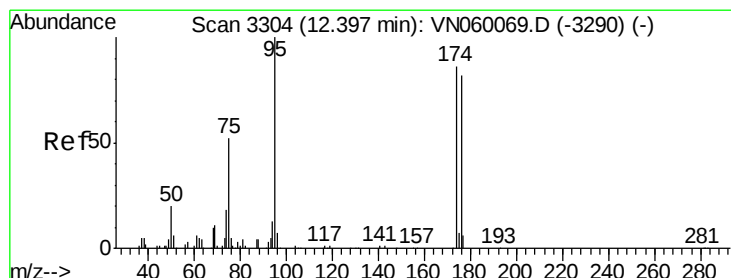
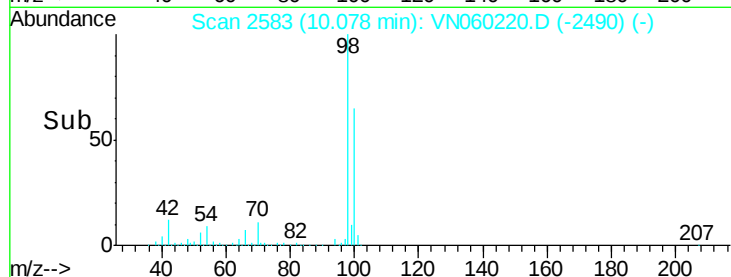
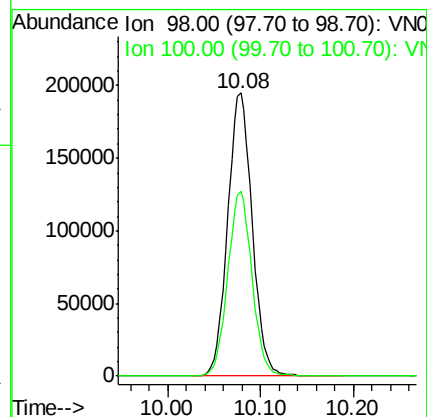
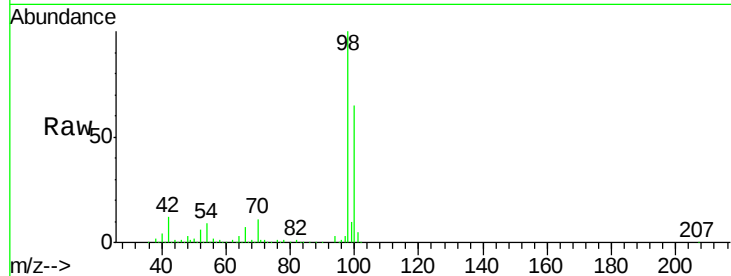
VN0225MBL01

Tot Ion: 98 Resp: 357687

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.233 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060220.D

Acq: 25 Feb 2020 9:34

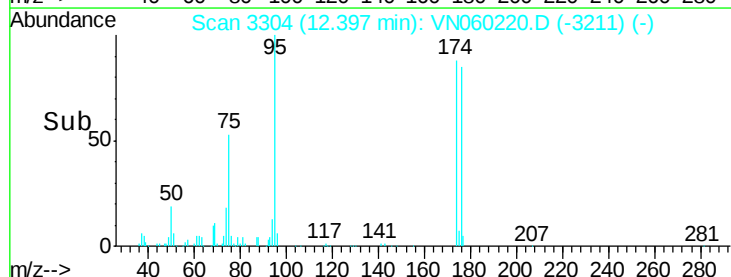
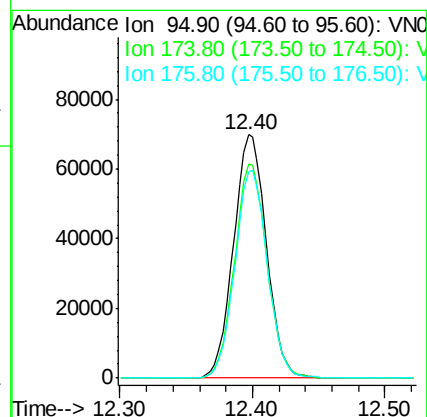
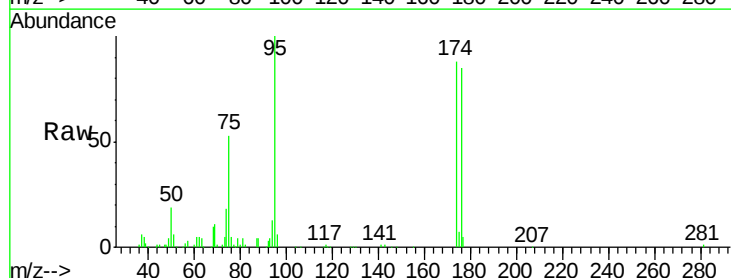
Tgt Ion: 95 Resp: 120254

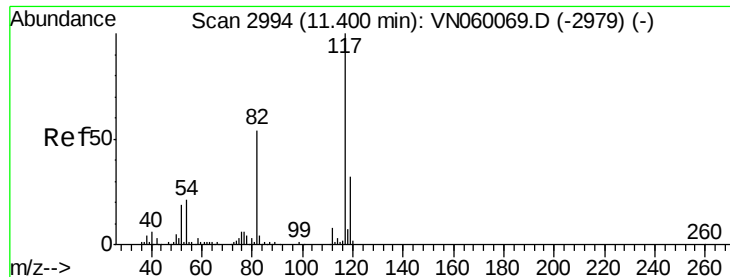
Ion Ratio Lower Upper

95 100

174 87.0 0.0 169.8

176 84.3 0.0 164.8

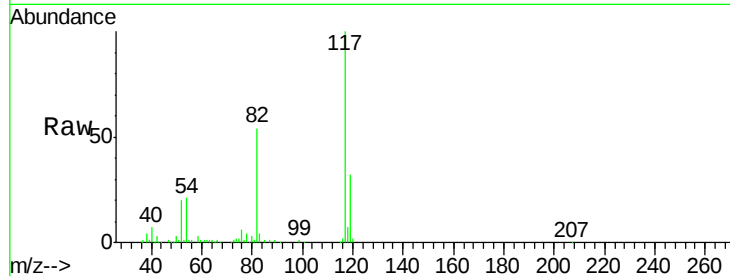




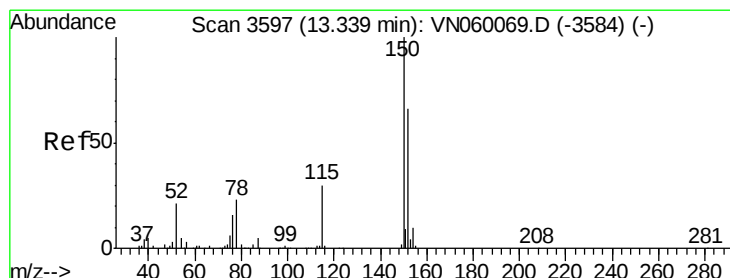
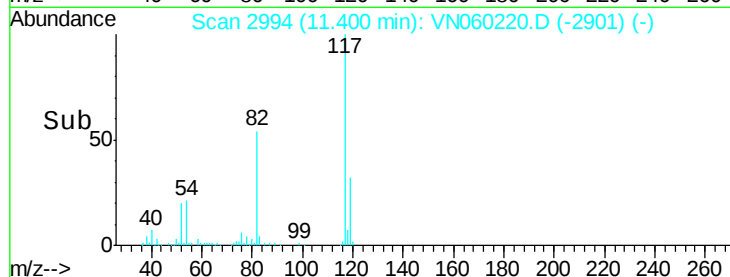
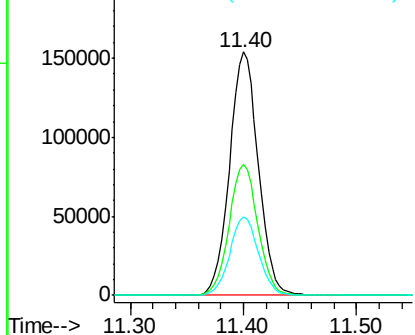
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060220.D
Acq: 25 Feb 2020 9:34

Instrument :
MSVOA_N
ClientSampleId :
VN0225MBL01

Tot Ion:117 Resp: 272058
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.1 25.8 38.6

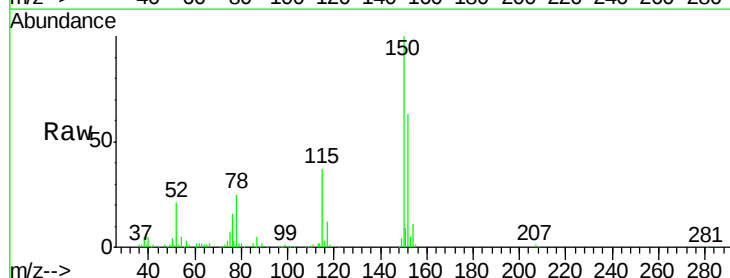


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060220.D
Acq: 25 Feb 2020 9:34

Tgt Ion:152 Resp: 109448
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 159.0 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

