

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060084.D
 Acq On : 13 Feb 2020 10:51
 Operator : JC/MD
 Sample : VN0213WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBL01

Quant Time: Feb 14 05:25:24 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	198305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	310921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	281567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	120892	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	115626	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	7.57	113	94307	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.08	98	368094	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.40	95	130182	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	

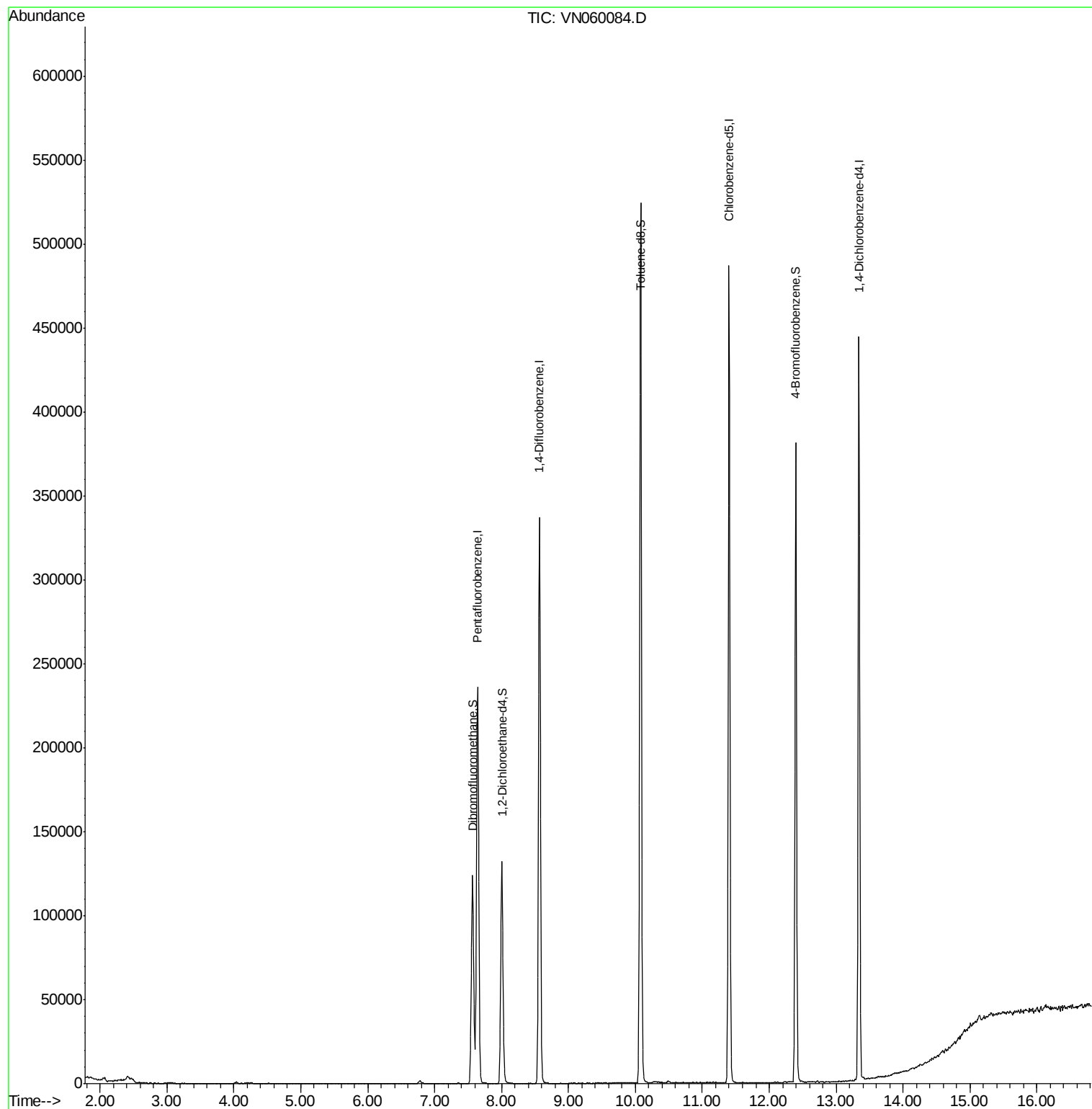
Target Compounds	Qvalue

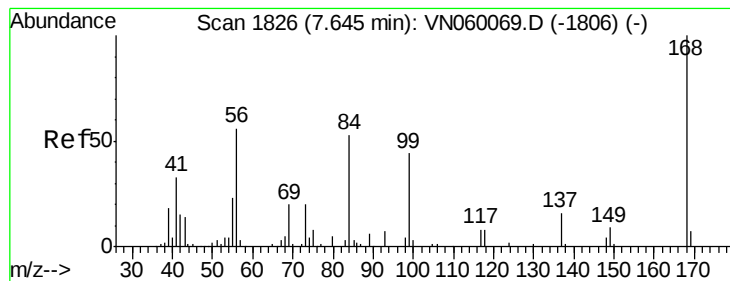
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060084.D

Acq: 13 Feb 2020 10:51

Instrument :

MSVOA_N

ClientSampleId :

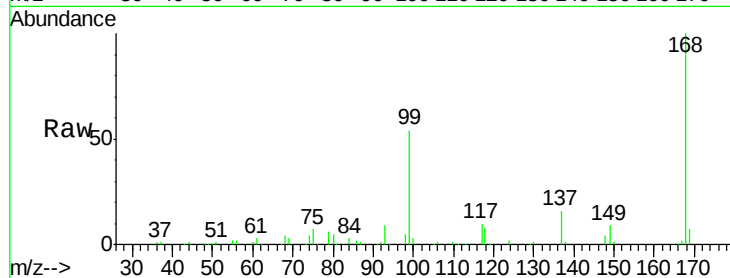
VN0213WBL01

Tot Ion:168 Resp: 198305

Ion Ratio Lower Upper

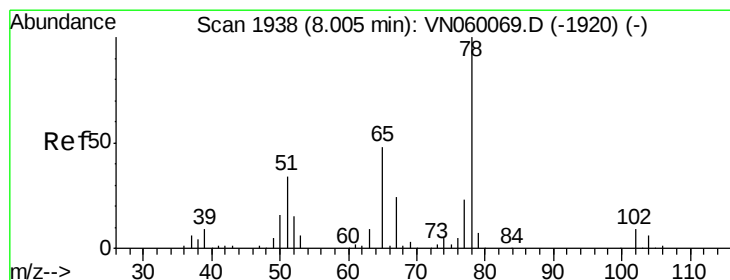
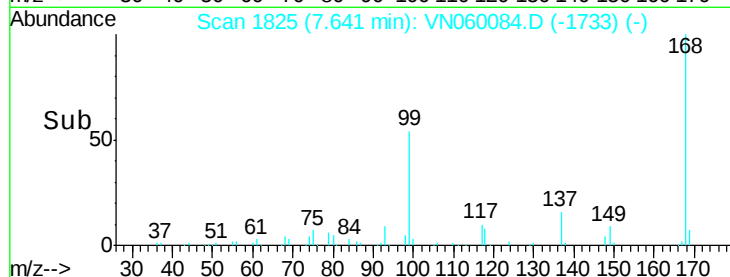
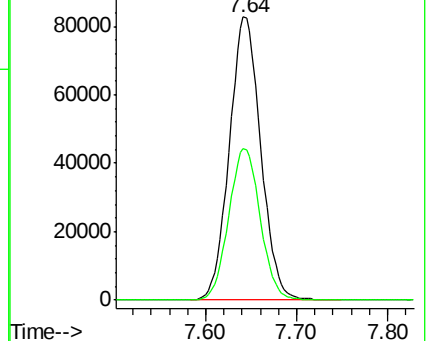
168 100

99 53.7 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: 47.917 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060084.D

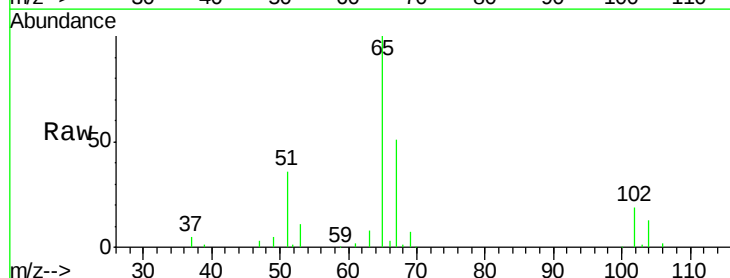
Acq: 13 Feb 2020 10:51

Tgt Ion: 65 Resp: 115626

Ion Ratio Lower Upper

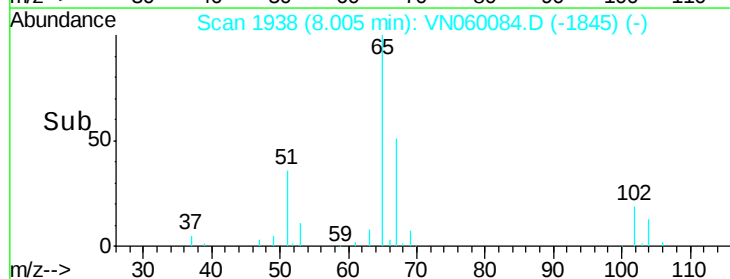
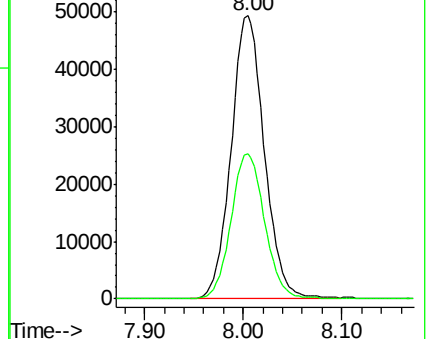
65 100

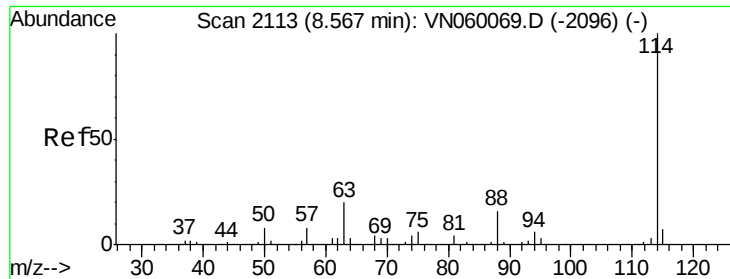
67 51.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

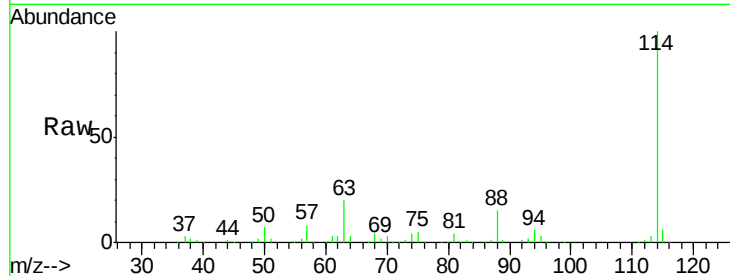




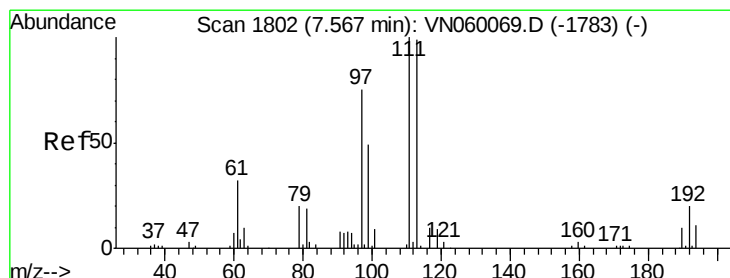
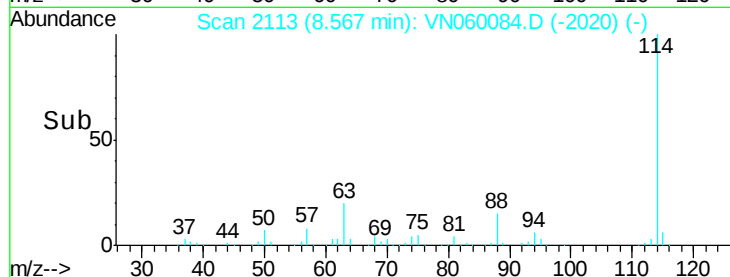
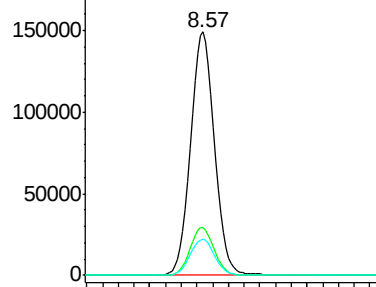
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060084.D
 Acq: 13 Feb 2020 10:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.0
88	14.9	0.0	31.6

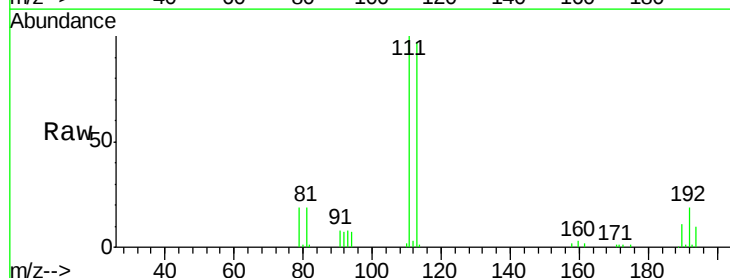


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

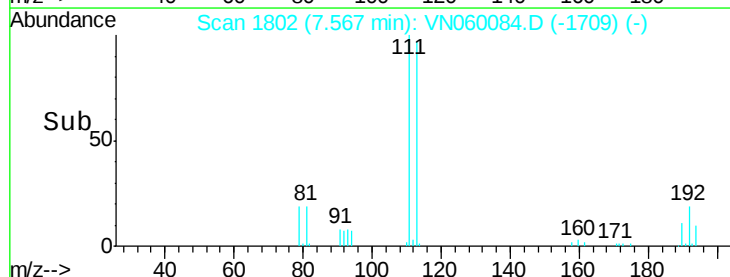
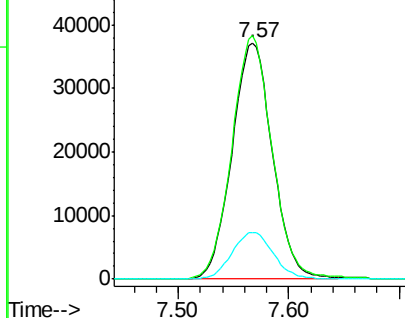


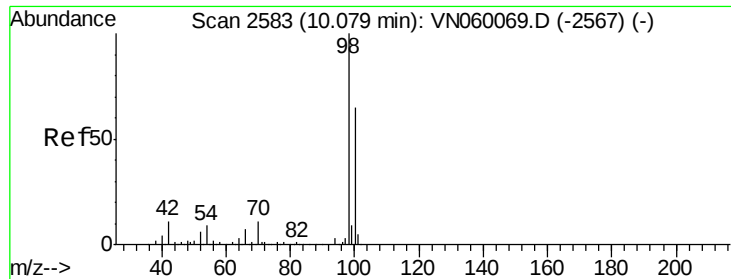
#35
 Dibromofluoromethane
 Concen: 49.344 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060084.D
 Acq: 13 Feb 2020 10:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.2
192	20.2	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: 48.907 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060084.D

Acq: 13 Feb 2020 10:51

Instrument :

MSVOA_N

ClientSampleId :

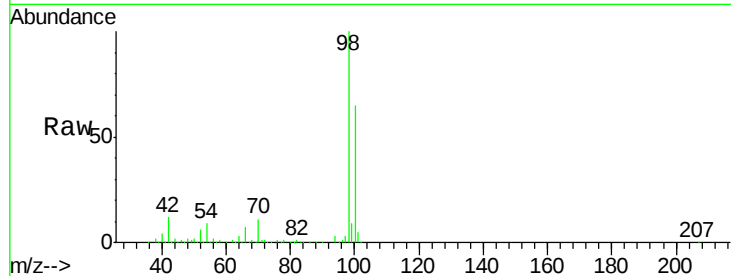
VN0213WBL01

Tot Ion: 98 Resp: 368094

Ion Ratio Lower Upper

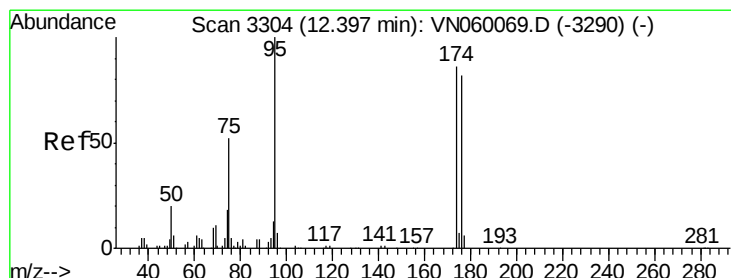
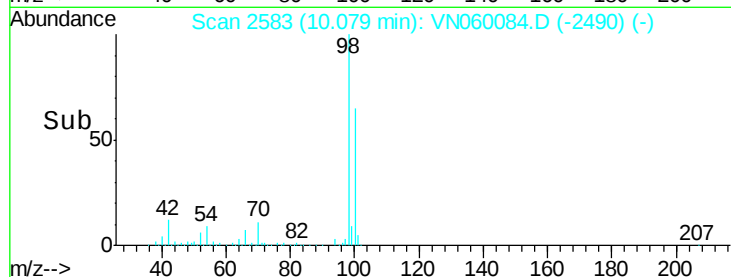
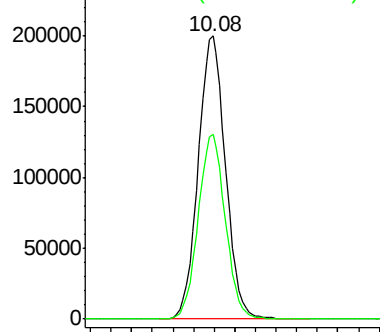
98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.072 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060084.D

Acq: 13 Feb 2020 10:51

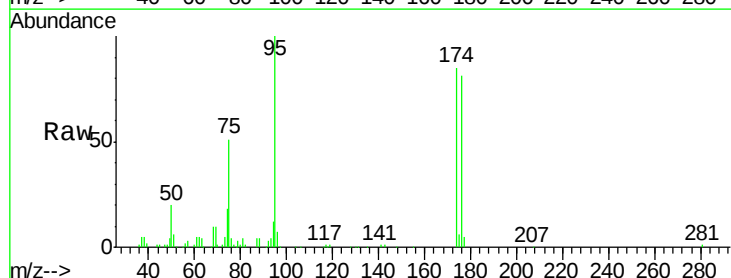
Tgt Ion: 95 Resp: 130182

Ion Ratio Lower Upper

95 100

174 85.4 0.0 169.8

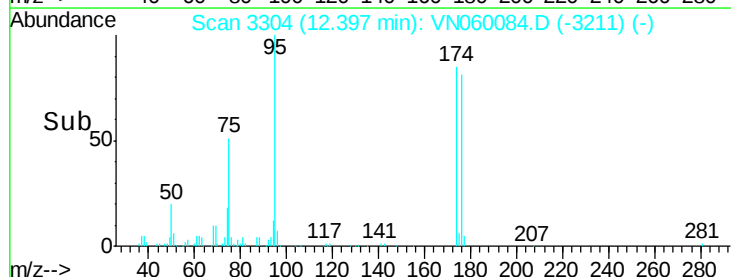
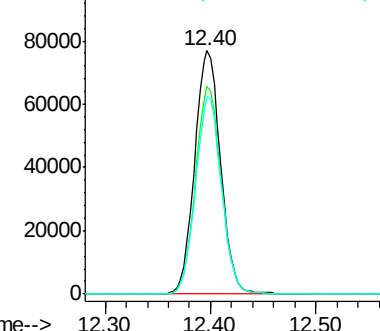
176 81.2 0.0 164.8

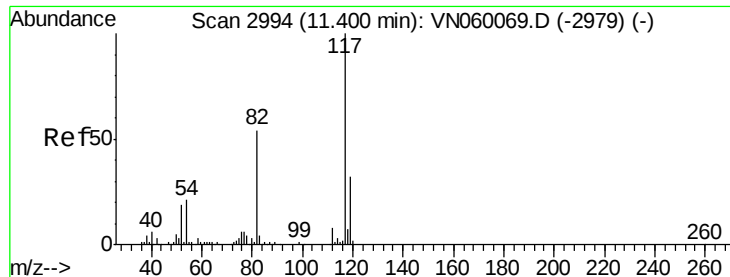


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

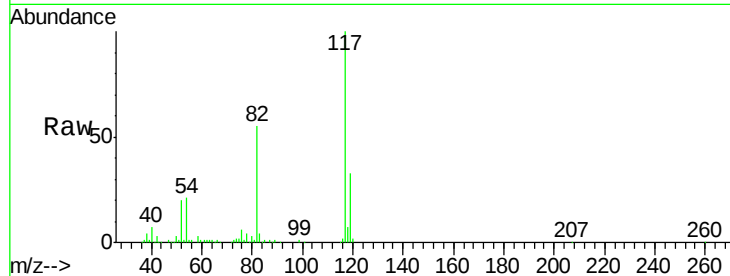




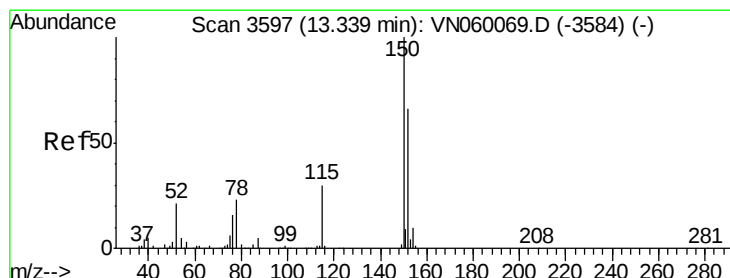
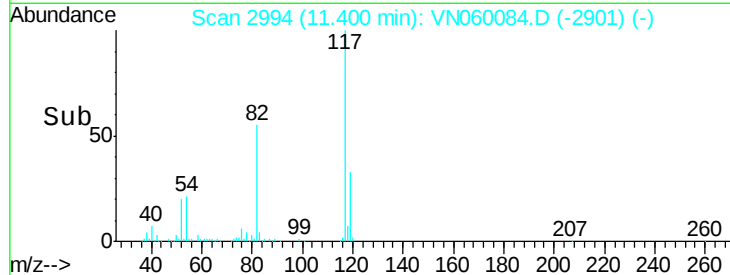
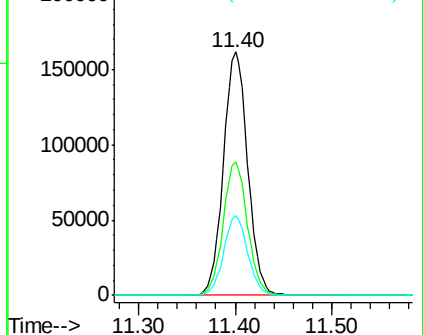
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060084.D
Acq: 13 Feb 2020 10:51

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBL01

Tot Ion:117 Resp: 281567
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.6 25.8 38.6

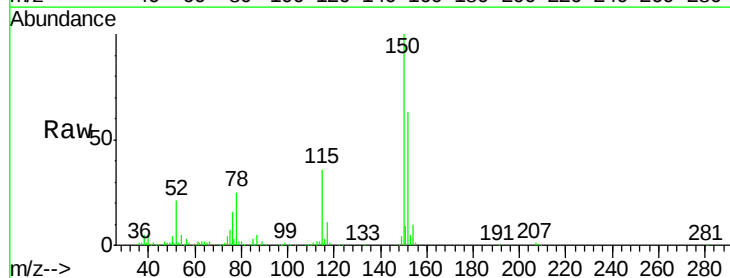


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060084.D
Acq: 13 Feb 2020 10:51

Tgt Ion:152 Resp: 120892
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.8
150 158.9 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

