

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063310.D
 Acq On : 11 Sep 2020 13:30
 Operator : JC/MD
 Sample : L3988-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB03-20200908

Quant Time: Sep 12 01:03:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	378135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	701757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	678932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	275159	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	289479	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	7.55	113	224274	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.06	98	901098	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.38	95	329633	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

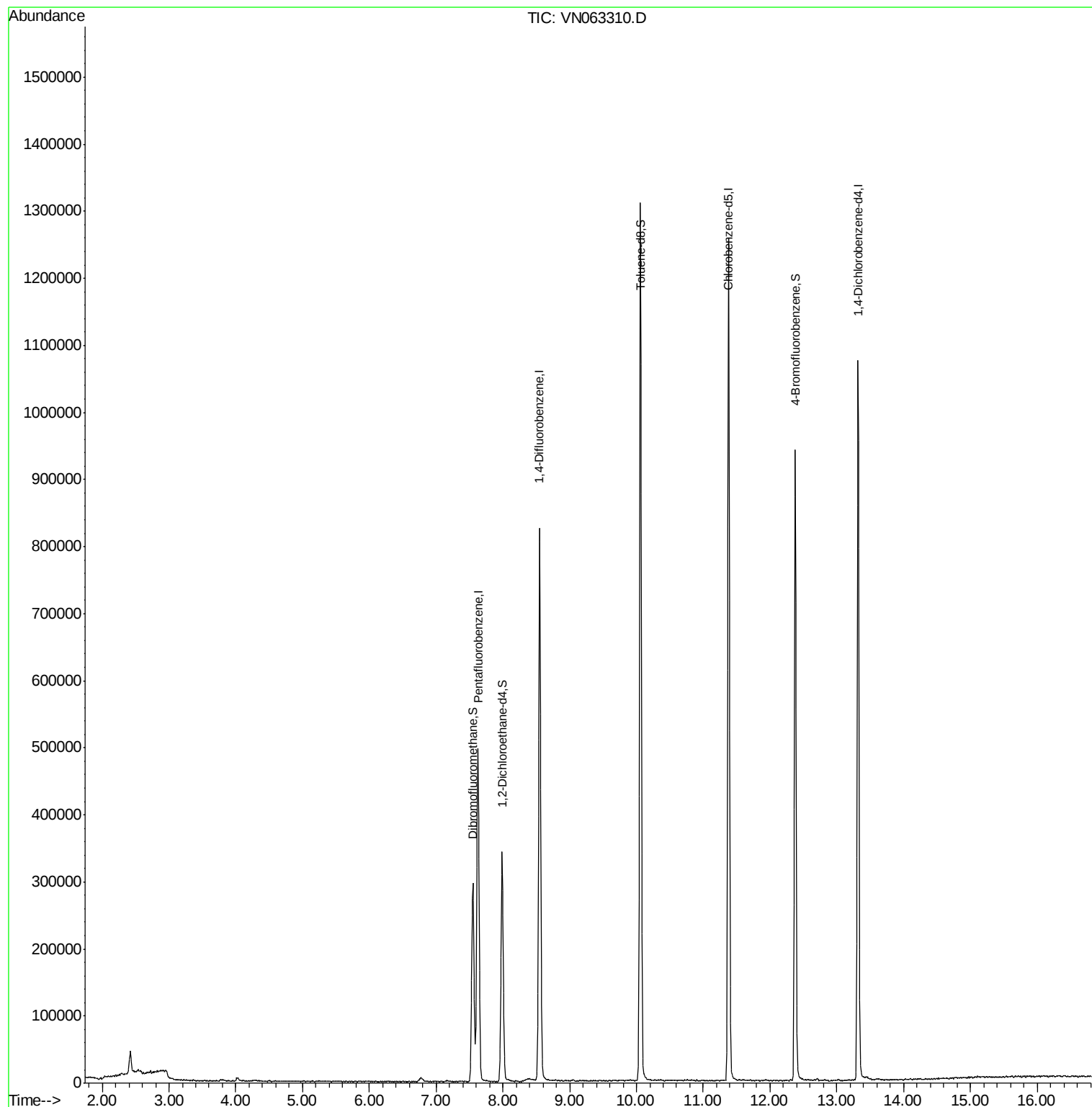
Target Compounds	Qvalue
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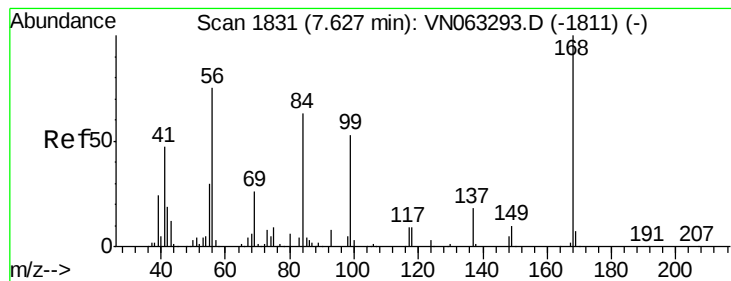
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063310.D

Acq: 11 Sep 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

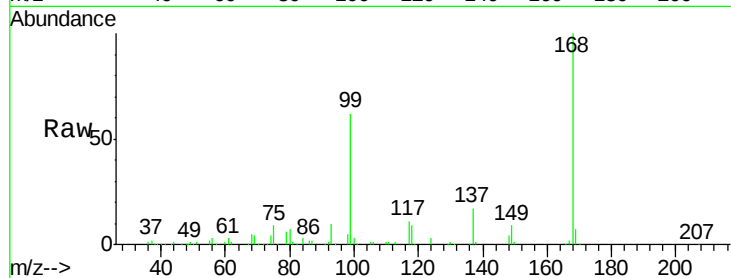
TB03-20200908

Tot Ion:168 Resp: 378135

Ion Ratio Lower Upper

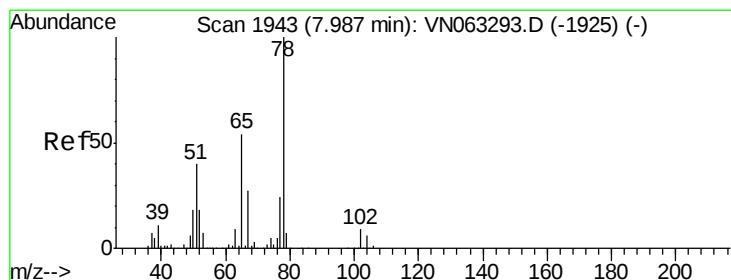
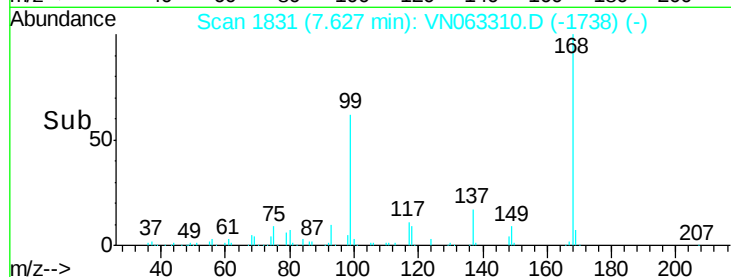
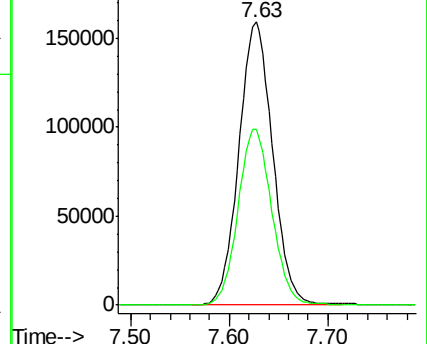
168 100

99 61.9 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 48.726 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063310.D

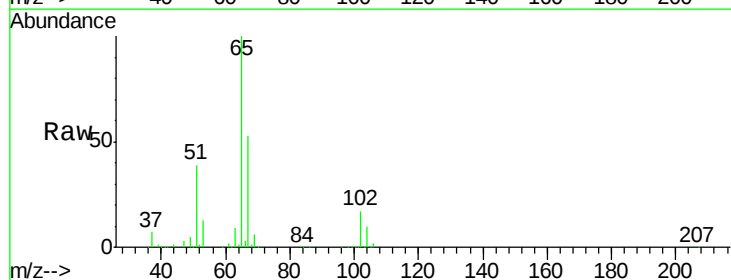
Acq: 11 Sep 2020 13:30

Tgt Ion: 65 Resp: 289479

Ion Ratio Lower Upper

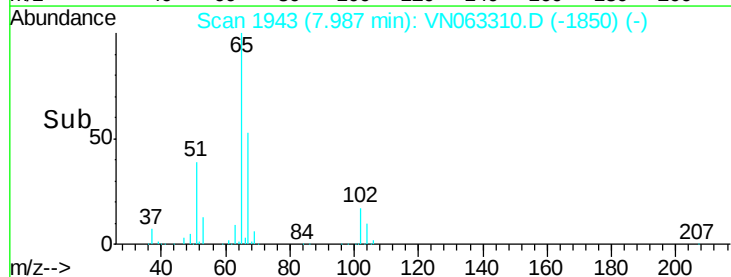
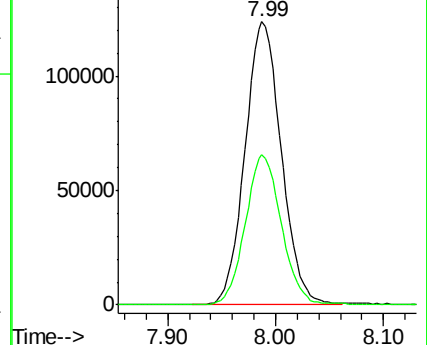
65 100

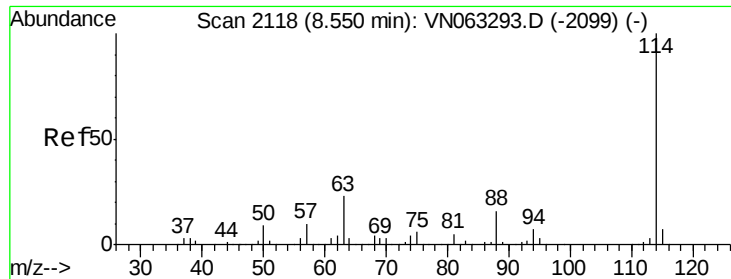
67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

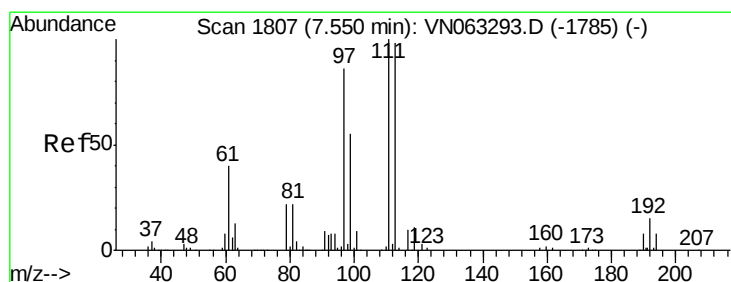
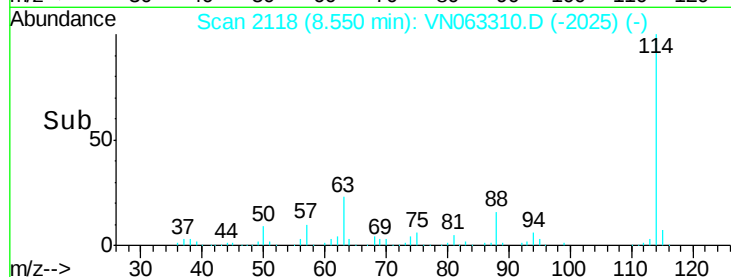
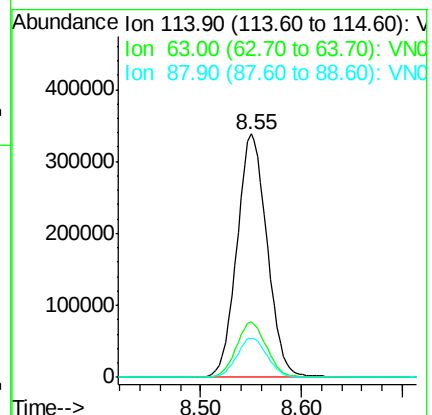
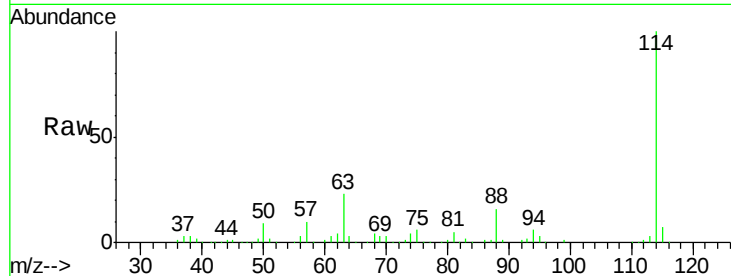




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063310.D
Acq: 11 Sep 2020 13:30

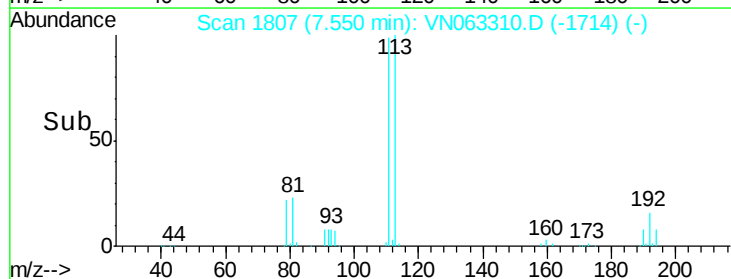
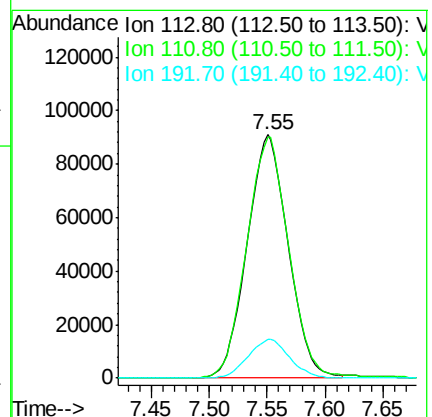
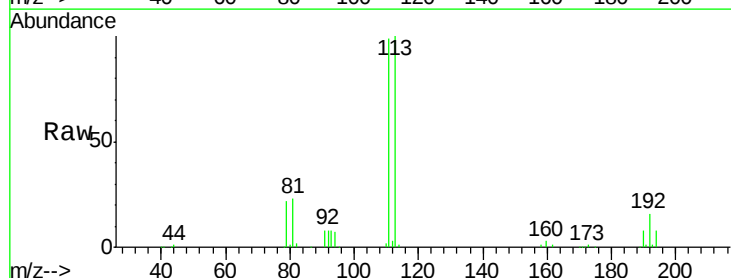
Instrument :
MSVOA_N
ClientSampleId :
TB03-20200908

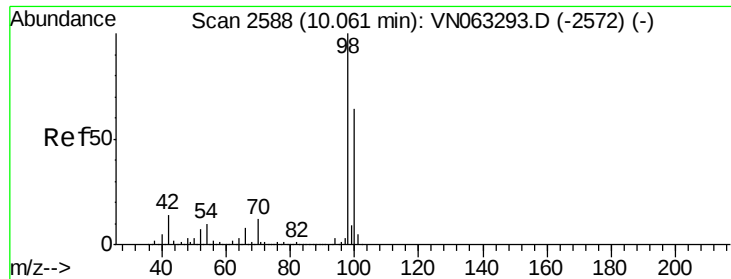
Tot Ion:114 Resp: 701757
Ion Ratio Lower Upper
114 100
63 22.7 0.0 46.0
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.539 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN063310.D
Acq: 11 Sep 2020 13:30

Tgt Ion:113 Resp: 224274
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 16.0 12.9 19.3





#50

Toluene-d8

Concen: 51.938 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063310.D

Acq: 11 Sep 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

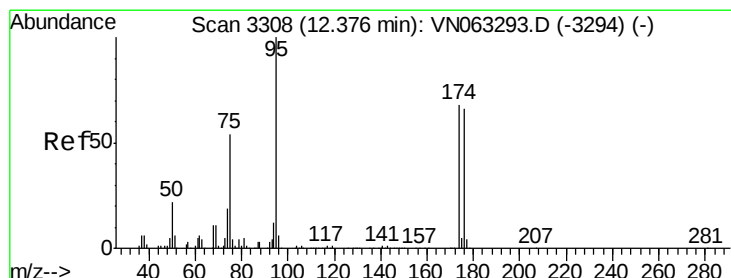
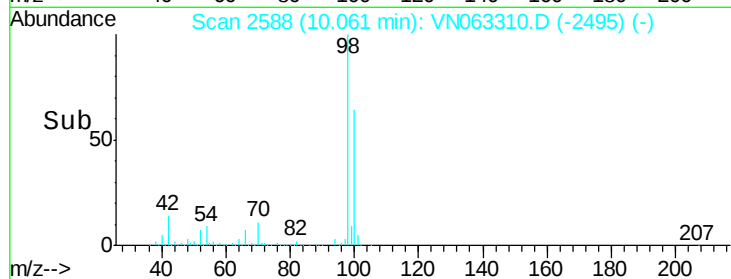
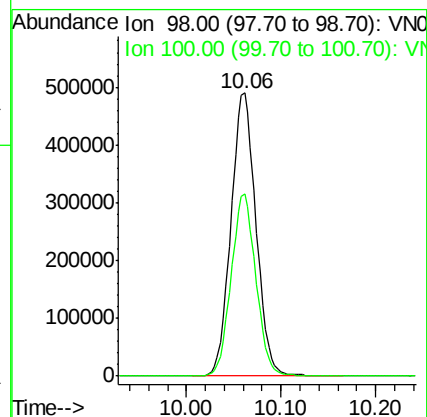
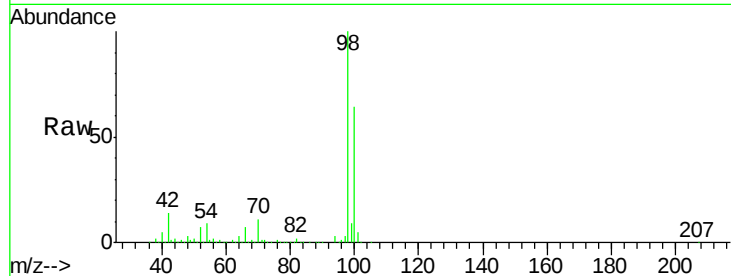
TB03-20200908

Tot Ion: 98 Resp: 901098

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.441 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063310.D

Acq: 11 Sep 2020 13:30

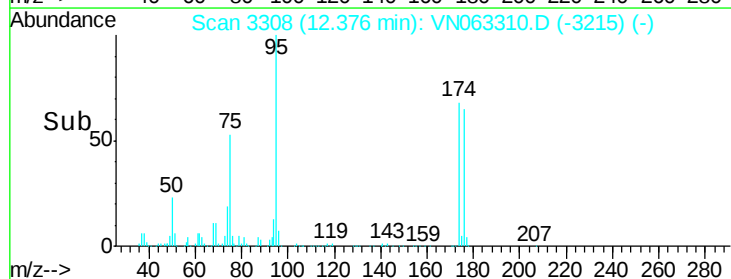
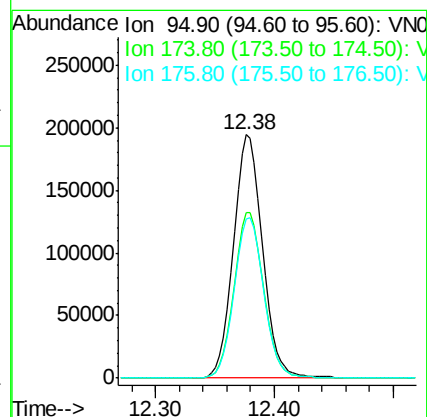
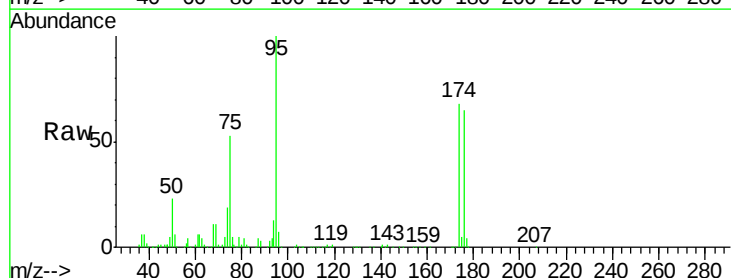
Tgt Ion: 95 Resp: 329633

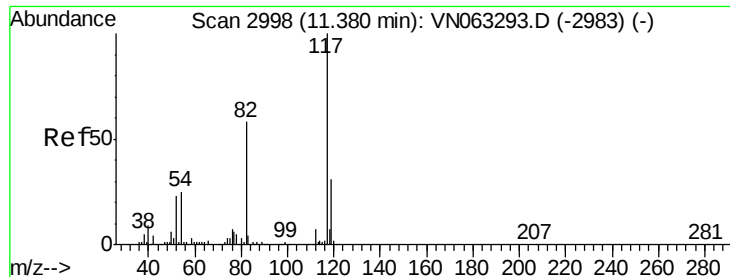
Ion Ratio Lower Upper

95 100

174 69.1 0.0 136.6

176 66.9 0.0 132.8

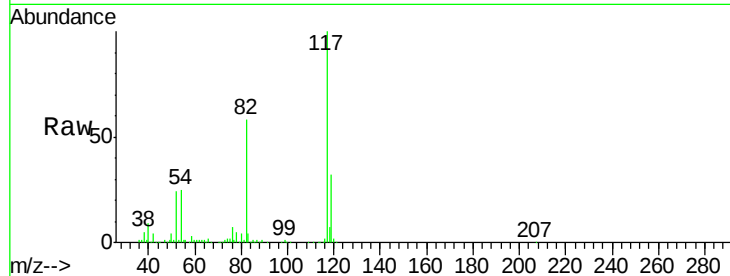




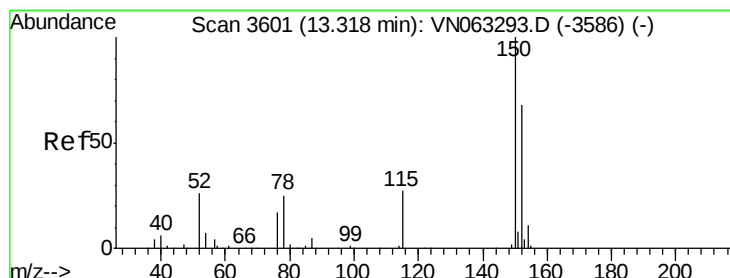
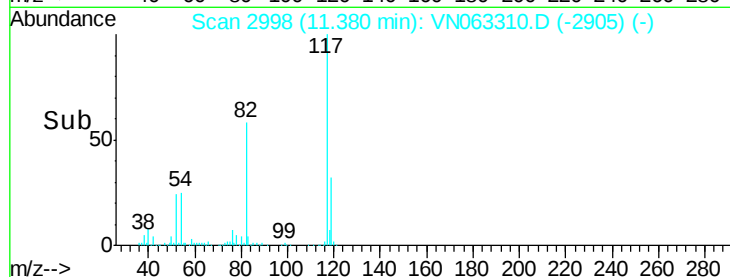
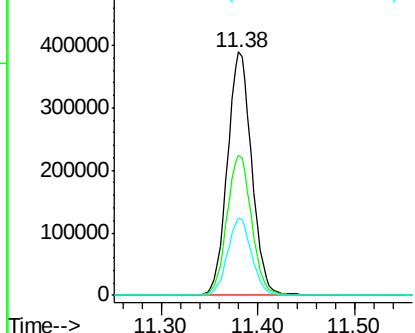
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063310.D
Acq: 11 Sep 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :
TB03-20200908

Tot Ion:117 Resp: 678932
Ion Ratio Lower Upper
117 100
82 57.7 46.4 69.6
119 31.8 24.8 37.2

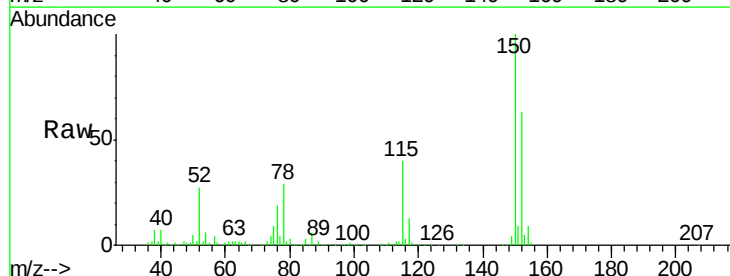


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063310.D
Acq: 11 Sep 2020 13:30

Tgt Ion:152 Resp: 275159
Ion Ratio Lower Upper
152 100
115 62.8 31.5 94.5
150 155.5 0.0 344.0



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

