

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063942.D
 Acq On : 7 Oct 2020 14:55
 Operator : JC/MD
 Sample : L4293-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20201006

Quant Time: Oct 08 05:32:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	236768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	452107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182179	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	205556	52.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.10%	
35) Dibromofluoromethane	7.55	113	150094	50.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.22%	
50) Toluene-d8	10.06	98	565746	49.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.38	95	219629	51.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.92%	

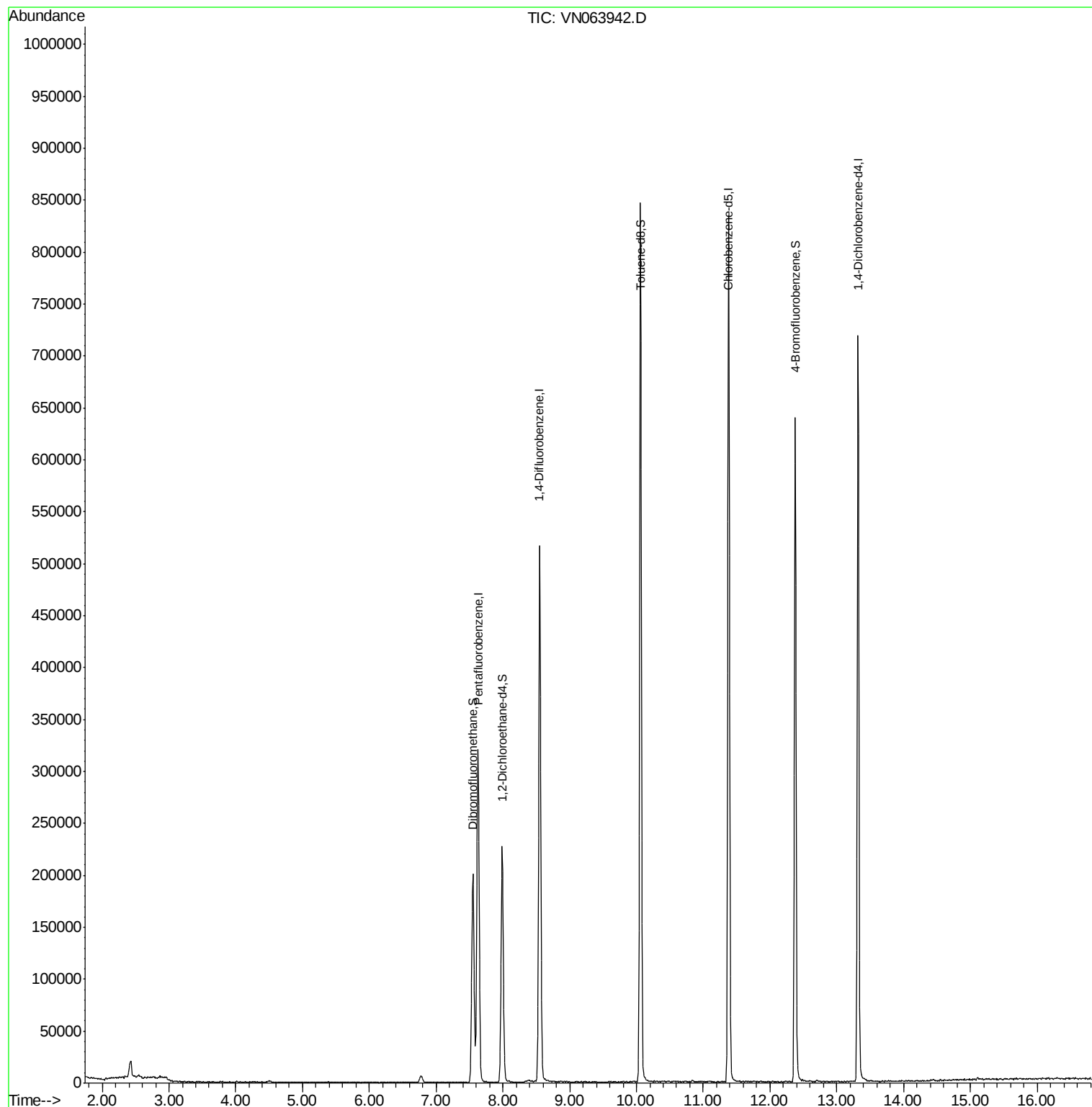
Target Compounds	Qvalue

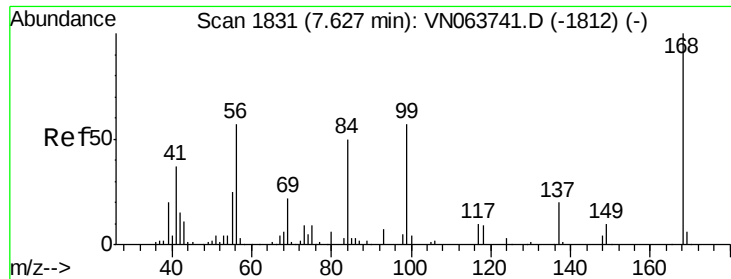
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 01:46:38 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN063942.D

Acq: 7 Oct 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

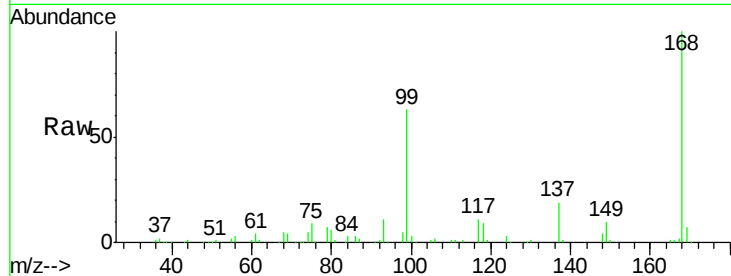
TB-20201006

Tot Ion:168 Resp: 236768

Ion Ratio Lower Upper

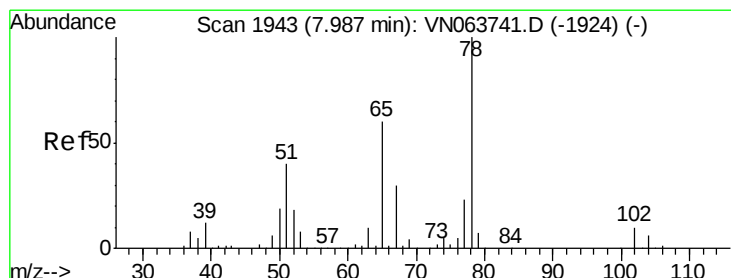
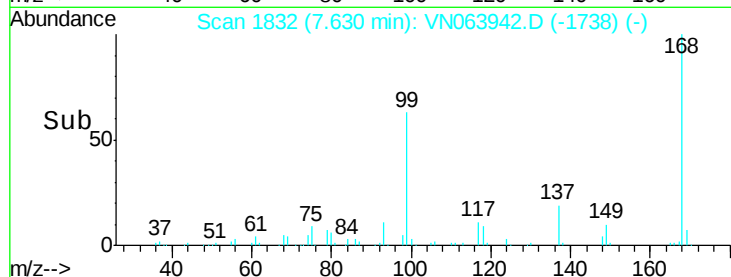
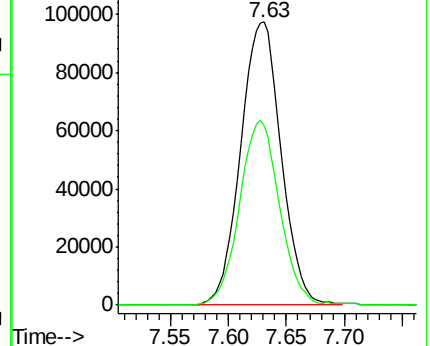
168 100

99 63.4 51.8 77.6



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: 52.551 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063942.D

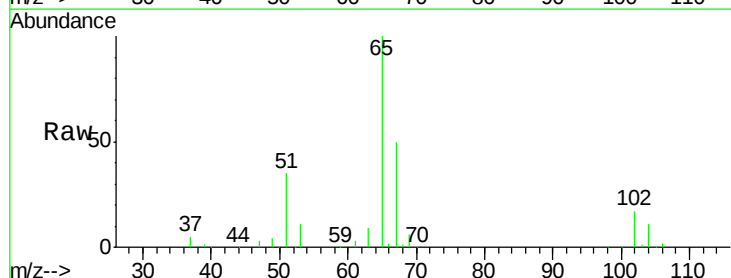
Acq: 7 Oct 2020 14:55

Tgt Ion: 65 Resp: 205556

Ion Ratio Lower Upper

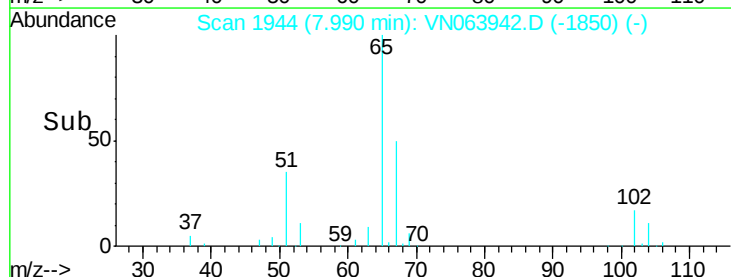
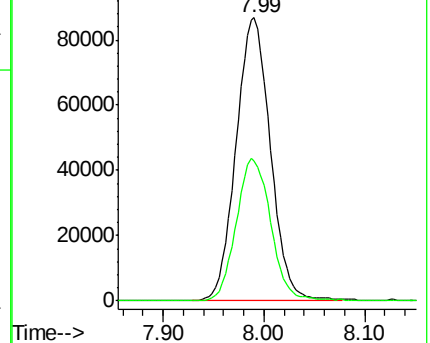
65 100

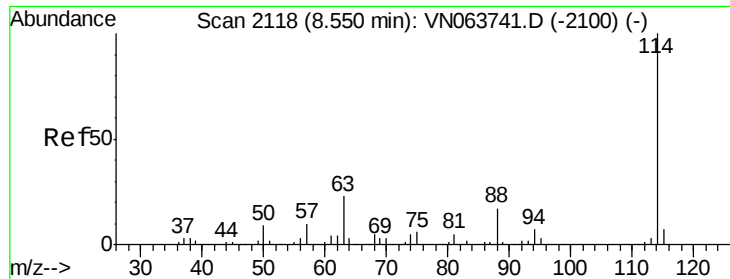
67 50.3 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

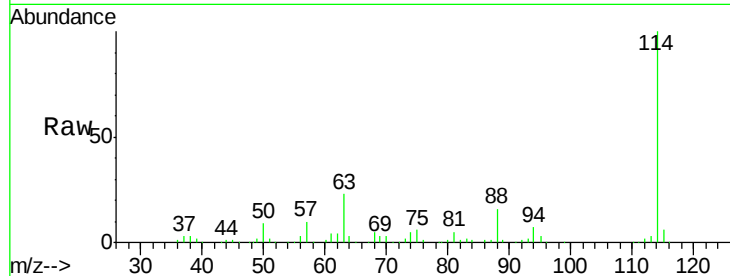




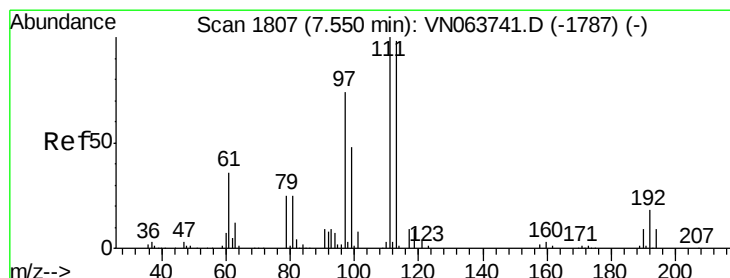
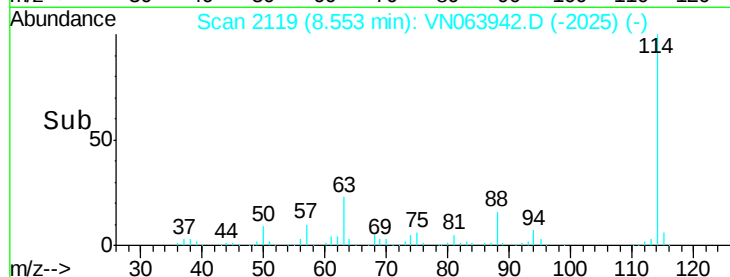
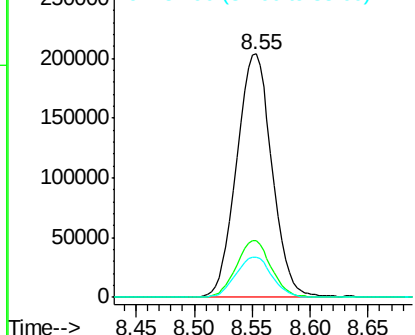
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN063942.D
Acq: 7 Oct 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
TB-20201006

Tot Ion:114 Resp: 431634
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 16.4 0.0 34.0

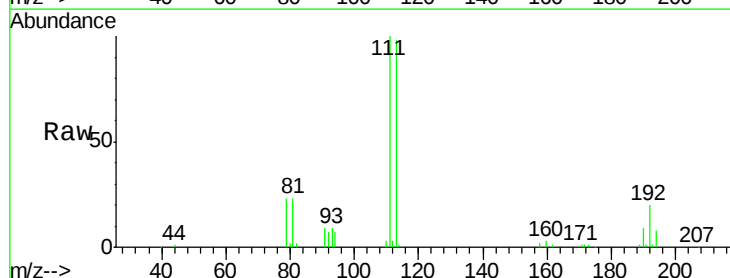


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

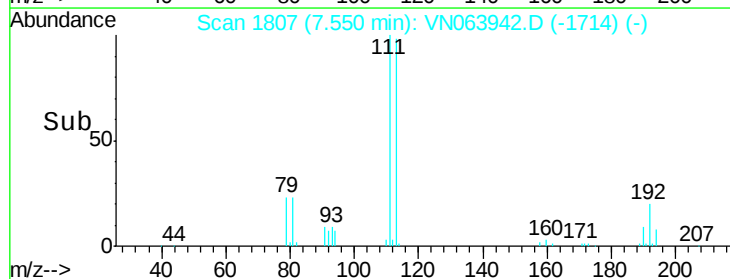
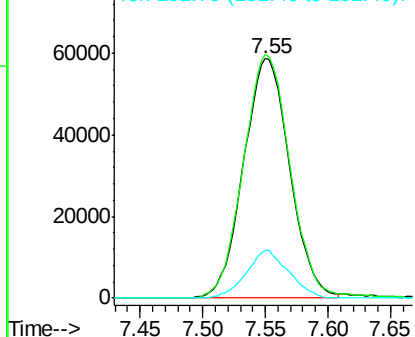


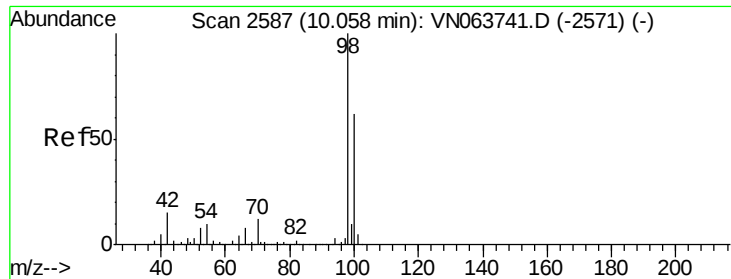
#35
Dibromofluoromethane
Concen: 50.115 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063942.D
Acq: 7 Oct 2020 14:55

Tgt Ion:113 Resp: 150094
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 18.5 14.2 21.2



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: 49.829 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063942.D

Acq: 7 Oct 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

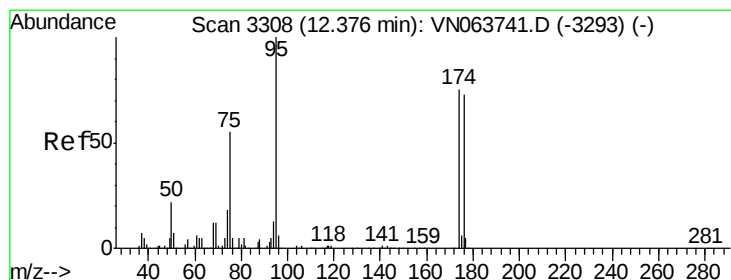
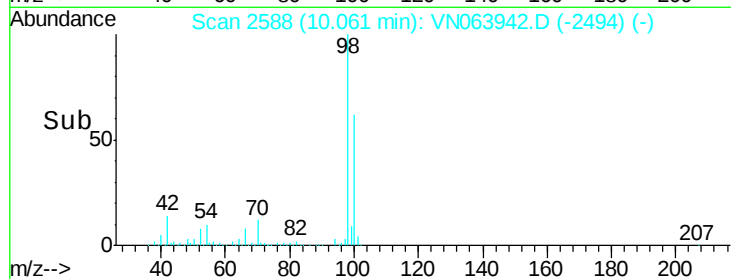
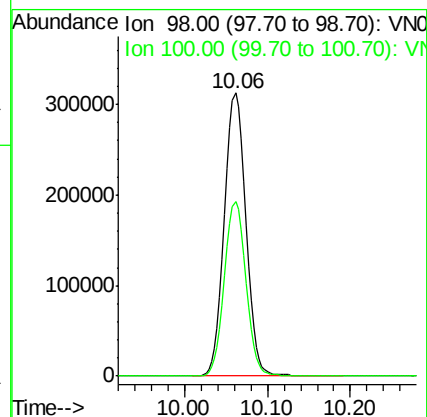
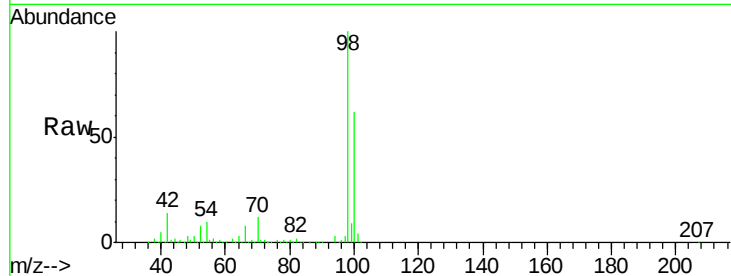
TB-20201006

Tot Ion: 98 Resp: 565746

Ion Ratio Lower Upper

98 100

100 61.7 49.8 74.6



#62

4-Bromofluorobenzene

Concen: 51.460 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063942.D

Acq: 7 Oct 2020 14:55

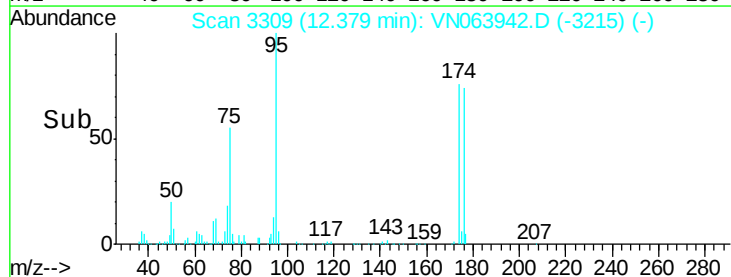
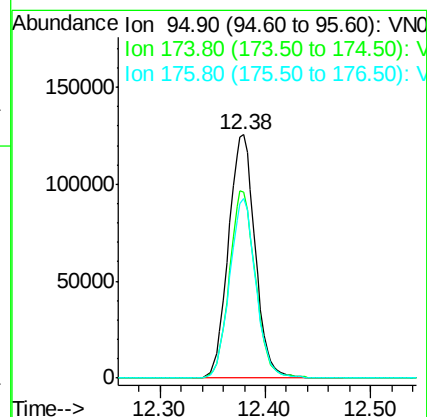
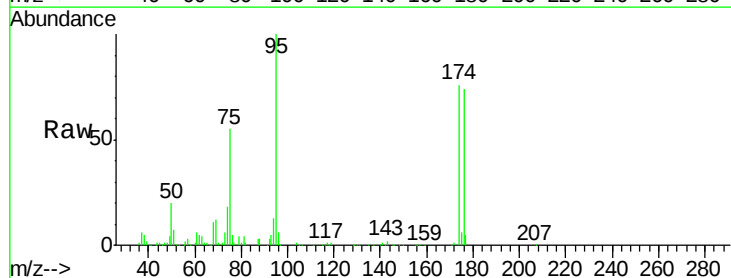
Tgt Ion: 95 Resp: 219629

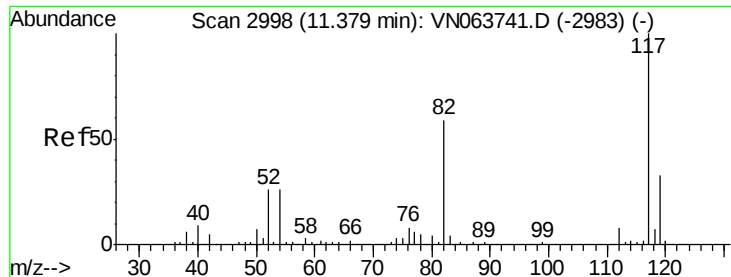
Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

176 72.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063942.D

Acq: 7 Oct 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

TB-20201006

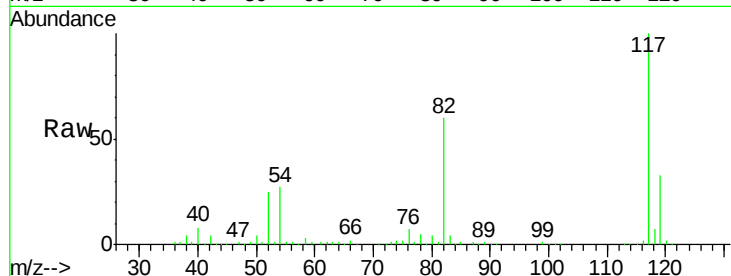
Tot Ion:117 Resp: 452107

Ion Ratio Lower Upper

117 100

82 60.2 47.4 71.2

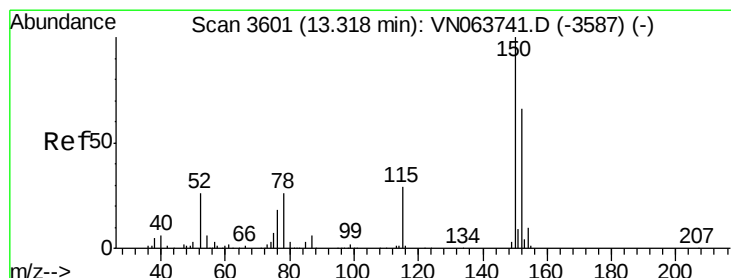
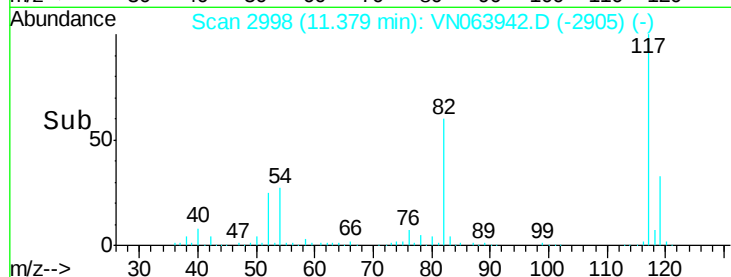
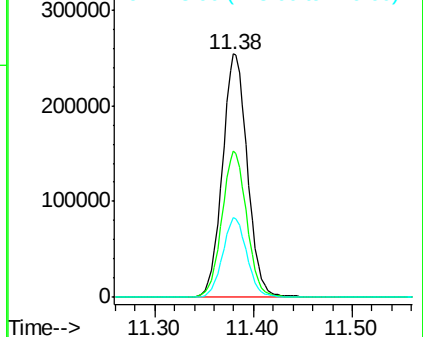
119 32.7 26.4 39.6



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: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063942.D

Acq: 7 Oct 2020 14:55

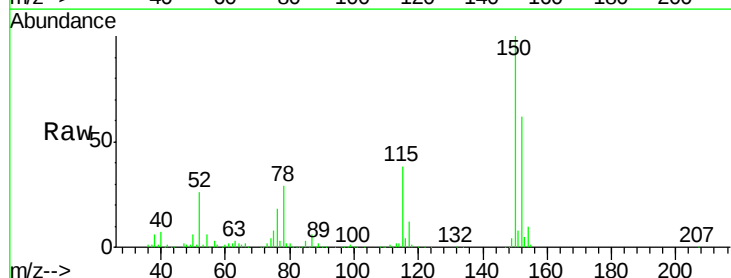
Tgt Ion:152 Resp: 182179

Ion Ratio Lower Upper

152 100

115 61.1 31.3 93.8

150 157.1 0.0 341.8



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

