

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064142.D
 Acq On : 15 Oct 2020 14:43
 Operator : JC/MD
 Sample : L4403-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-N

Quant Time: Oct 16 03:00:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	296373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	562224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	591464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209973	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	233755	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	
35) Dibromofluoromethane	7.55	113	197686	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	10.06	98	725427	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.38	95	251197	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

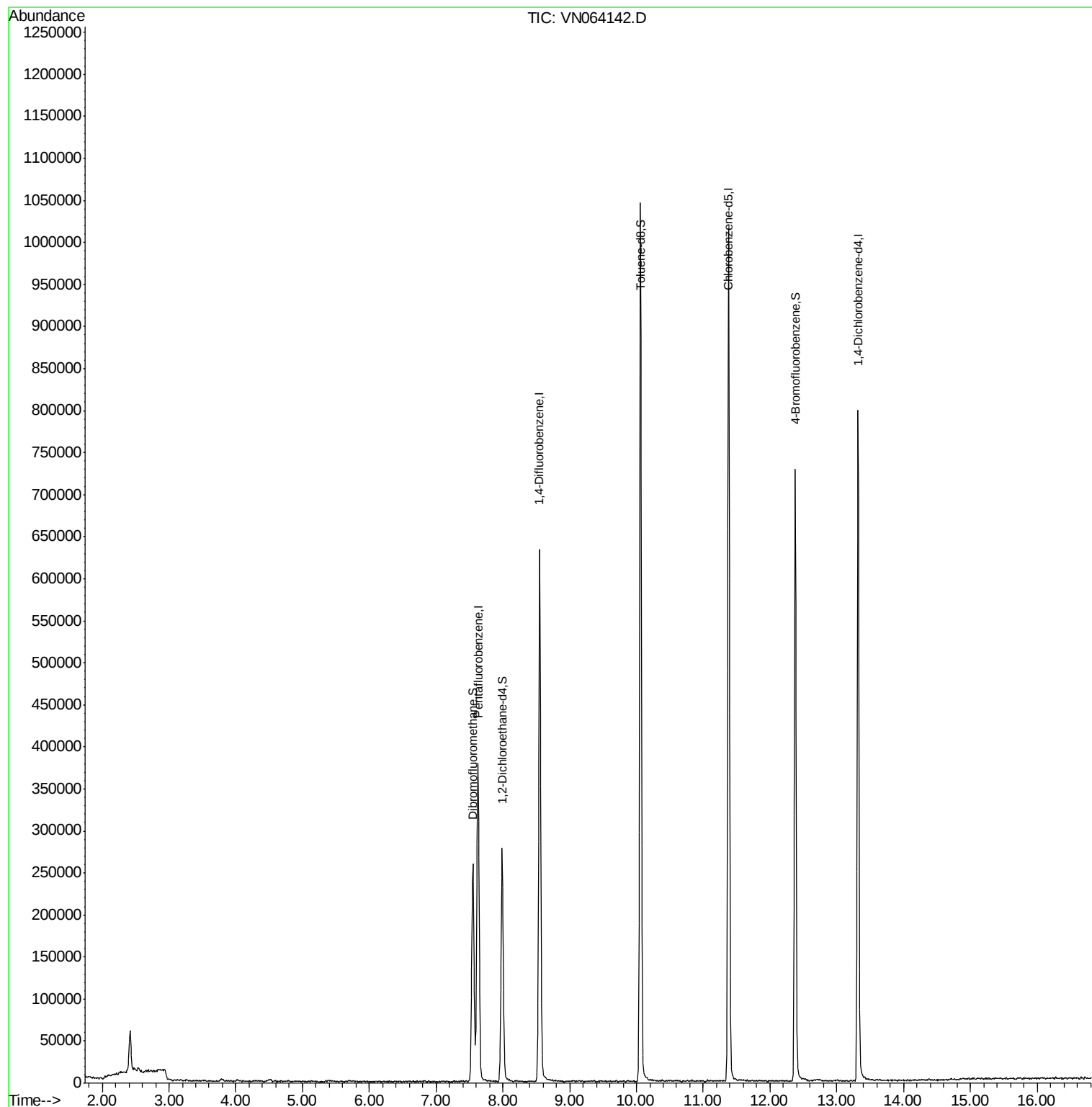
Target Compounds	Qvalue
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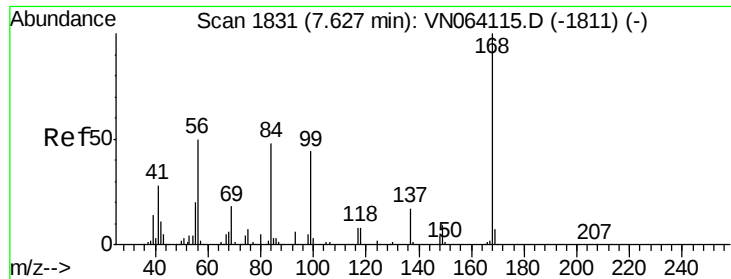
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064142.D

Acq: 15 Oct 2020 14:43

Instrument :

MSVOA_N

ClientSampled :

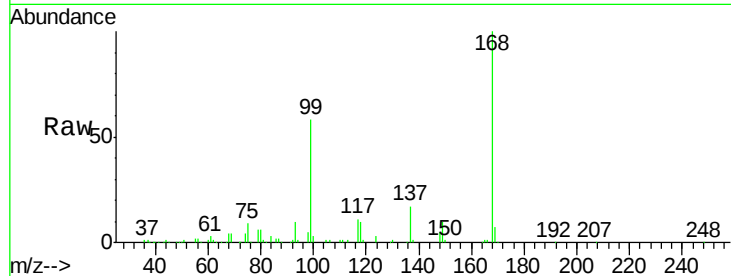
MH-N

Tot Ion:168 Resp: 296373

Ion Ratio Lower Upper

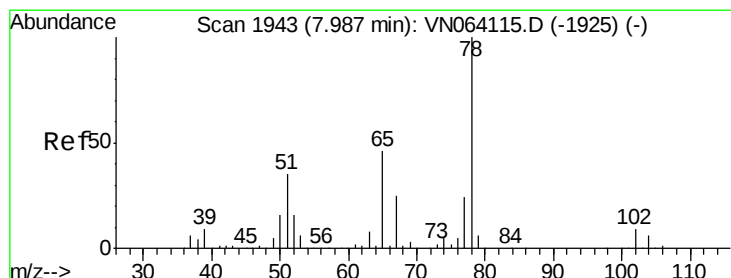
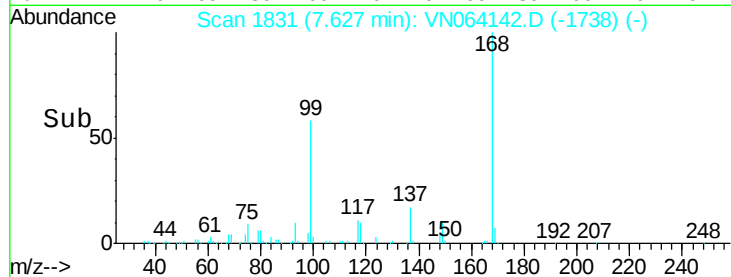
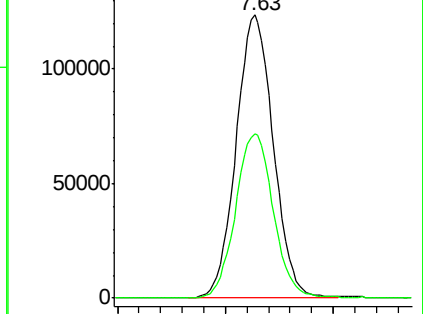
168 100

99 58.1 43.6 65.4



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: 55.380 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064142.D

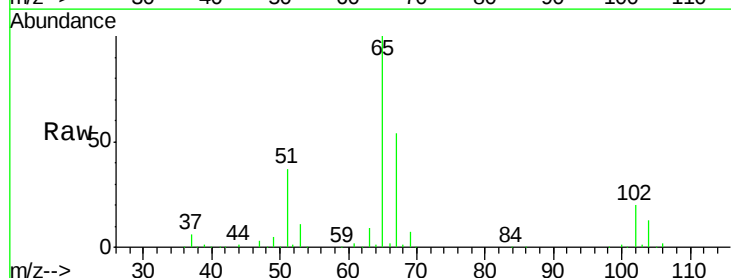
Acq: 15 Oct 2020 14:43

Tgt Ion: 65 Resp: 233755

Ion Ratio Lower Upper

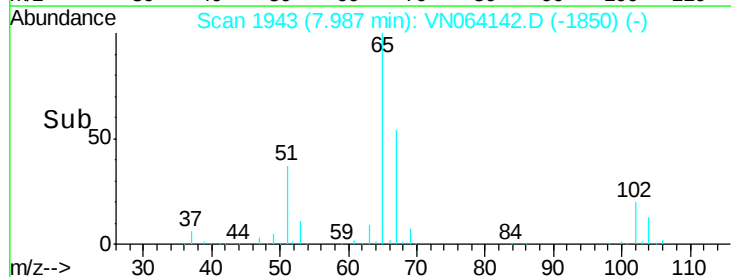
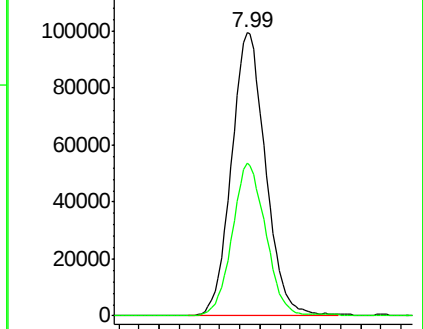
65 100

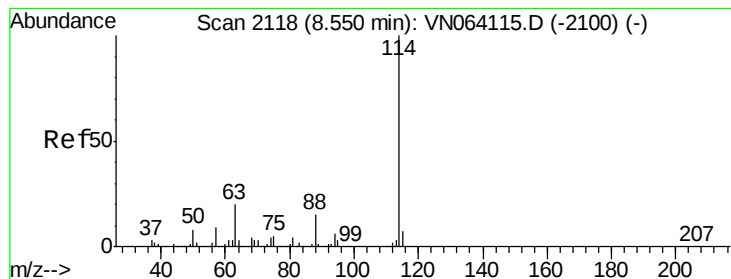
67 52.8 0.0 105.6



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: VN064142.D

Acq: 15 Oct 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

MH-N

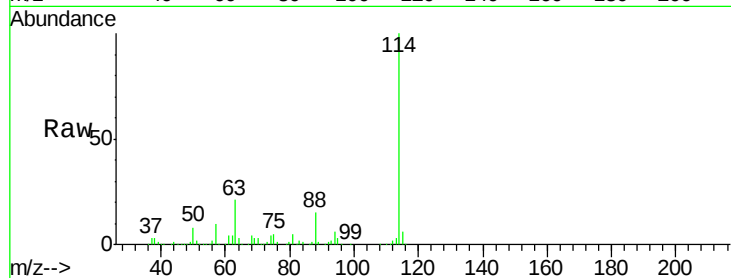
Tot Ion:114 Resp: 562224

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

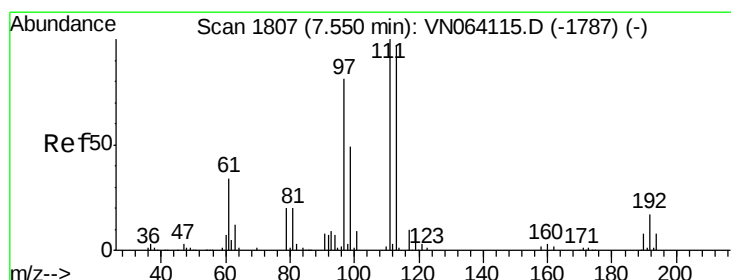
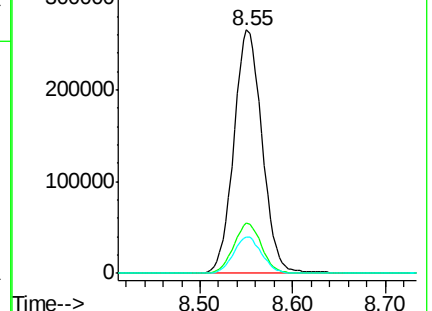
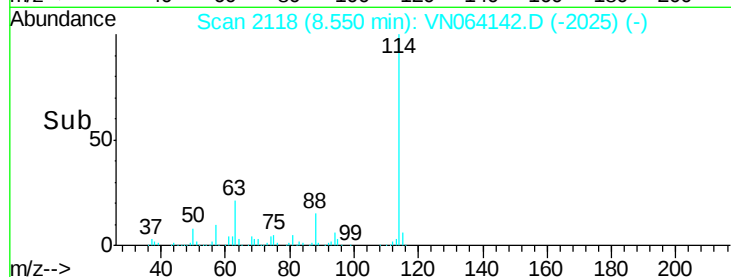
88 15.0 0.0 29.2



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: 50.800 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064142.D

Acq: 15 Oct 2020 14:43

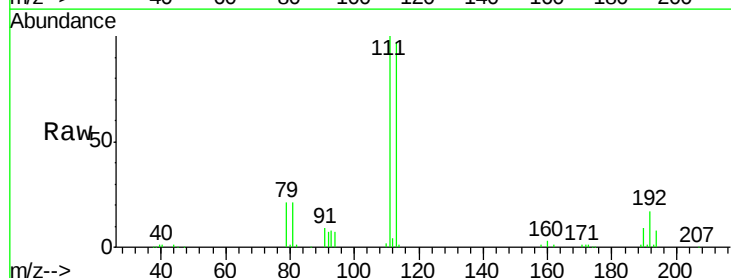
Tgt Ion:113 Resp: 197686

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

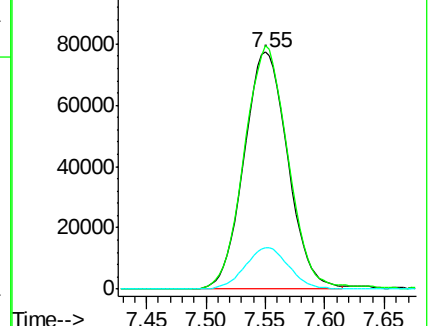
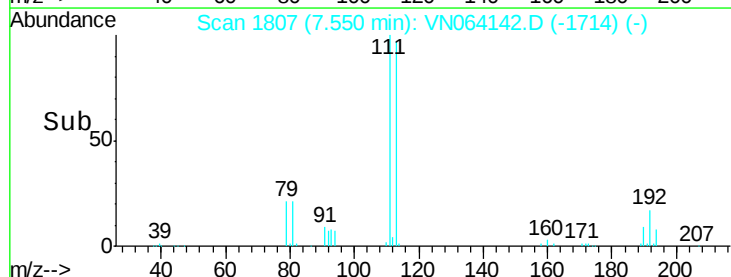
192 17.5 14.3 21.5

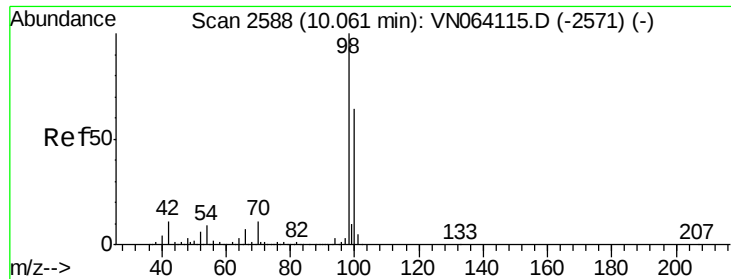


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.406 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064142.D

Acq: 15 Oct 2020 14:43

Instrument :

MSVOA_N

ClientSampled :

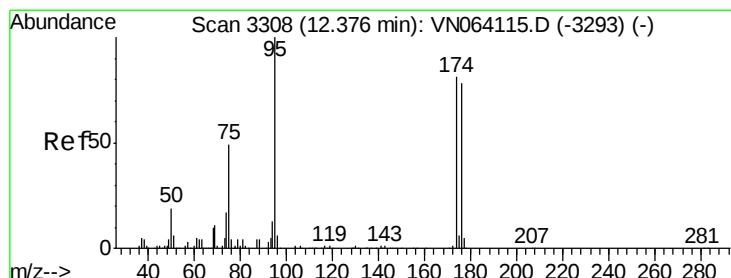
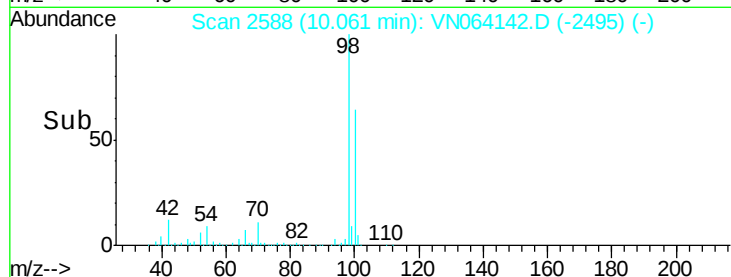
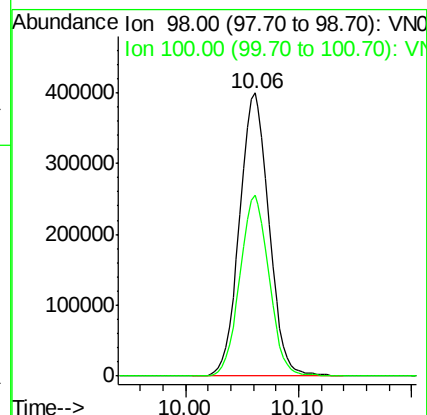
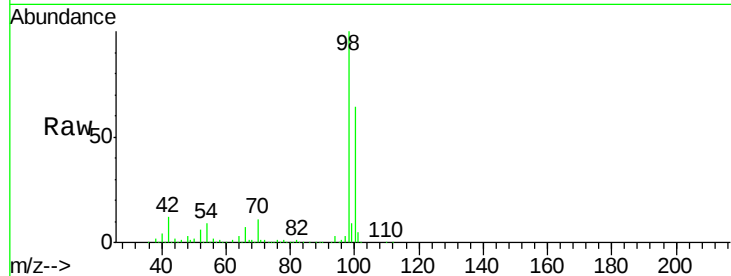
MH-N

Tot Ion: 98 Resp: 725427

Ion Ratio Lower Upper

98 100

100 63.6 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 49.773 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064142.D

Acq: 15 Oct 2020 14:43

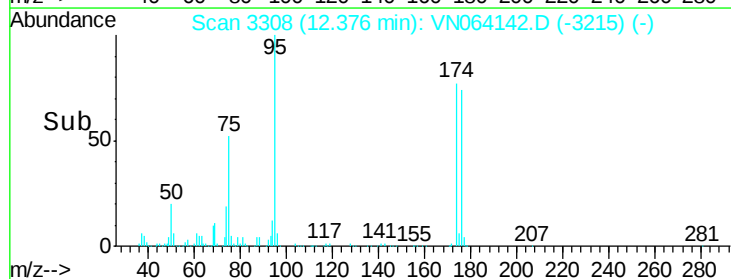
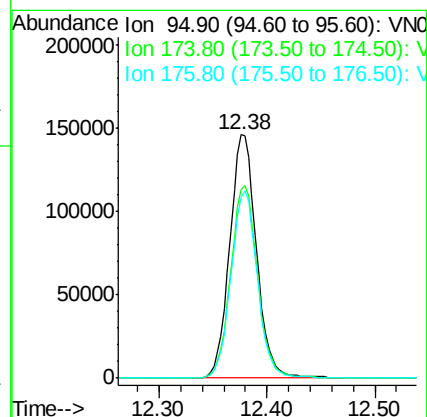
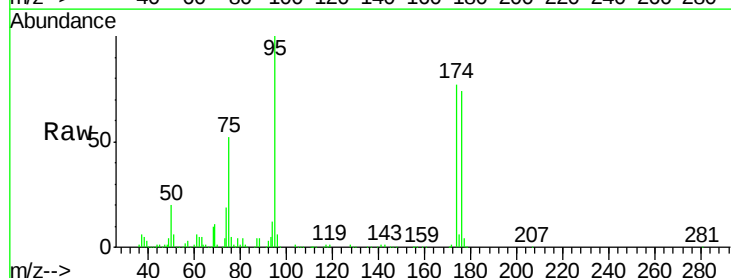
Tgt Ion: 95 Resp: 251197

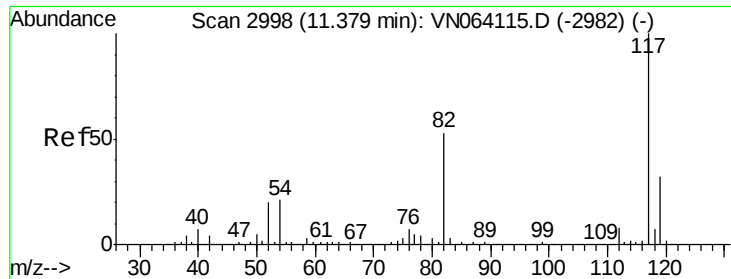
Ion Ratio Lower Upper

95 100

174 79.6 0.0 164.8

176 75.9 0.0 157.8

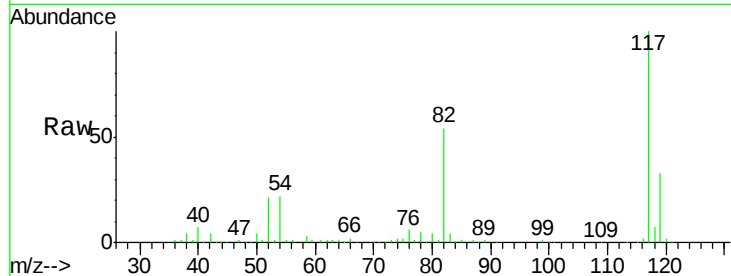




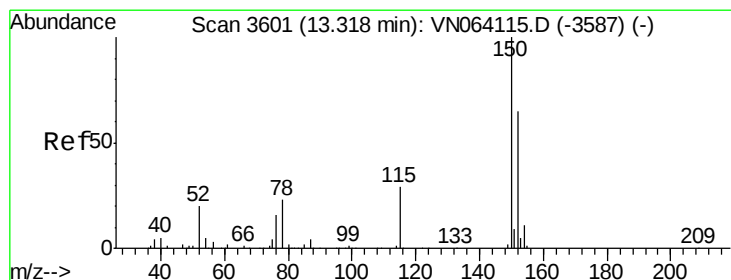
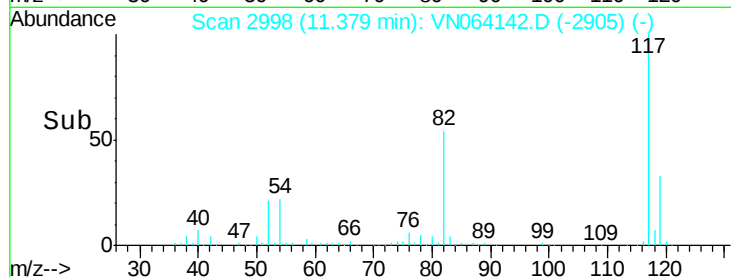
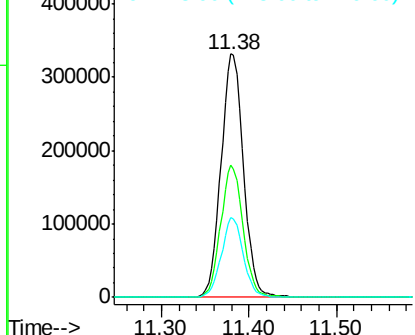
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064142.D
Acq: 15 Oct 2020 14:43

Instrument :
MSVOA_N
ClientSampled :
MH-N

Tot Ion:117 Resp: 591464
Ion Ratio Lower Upper
117 100
82 54.2 42.6 63.8
119 32.8 25.5 38.3

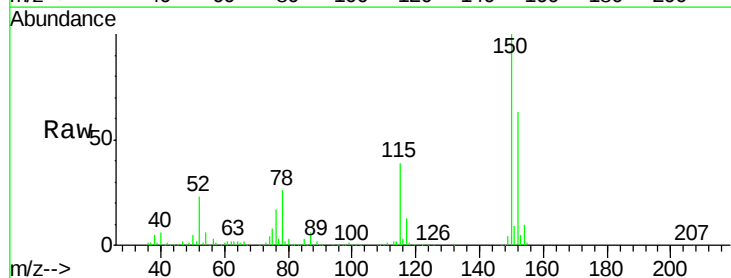


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064142.D
Acq: 15 Oct 2020 14:43

Tgt Ion:152 Resp: 209973
Ion Ratio Lower Upper
152 100
115 61.1 29.3 87.8
150 160.4 0.0 346.0



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

