

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031820\
 Data File : VN060579.D
 Acq On : 18 Mar 2020 10:02
 Operator : JC/MD
 Sample : VN0318MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318MBL01

Quant Time: Mar 19 05:20:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	321610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	283352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112001	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	122557	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
35) Dibromofluoromethane	7.56	113	94244	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	10.08	98	391485	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.40	95	132554	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	

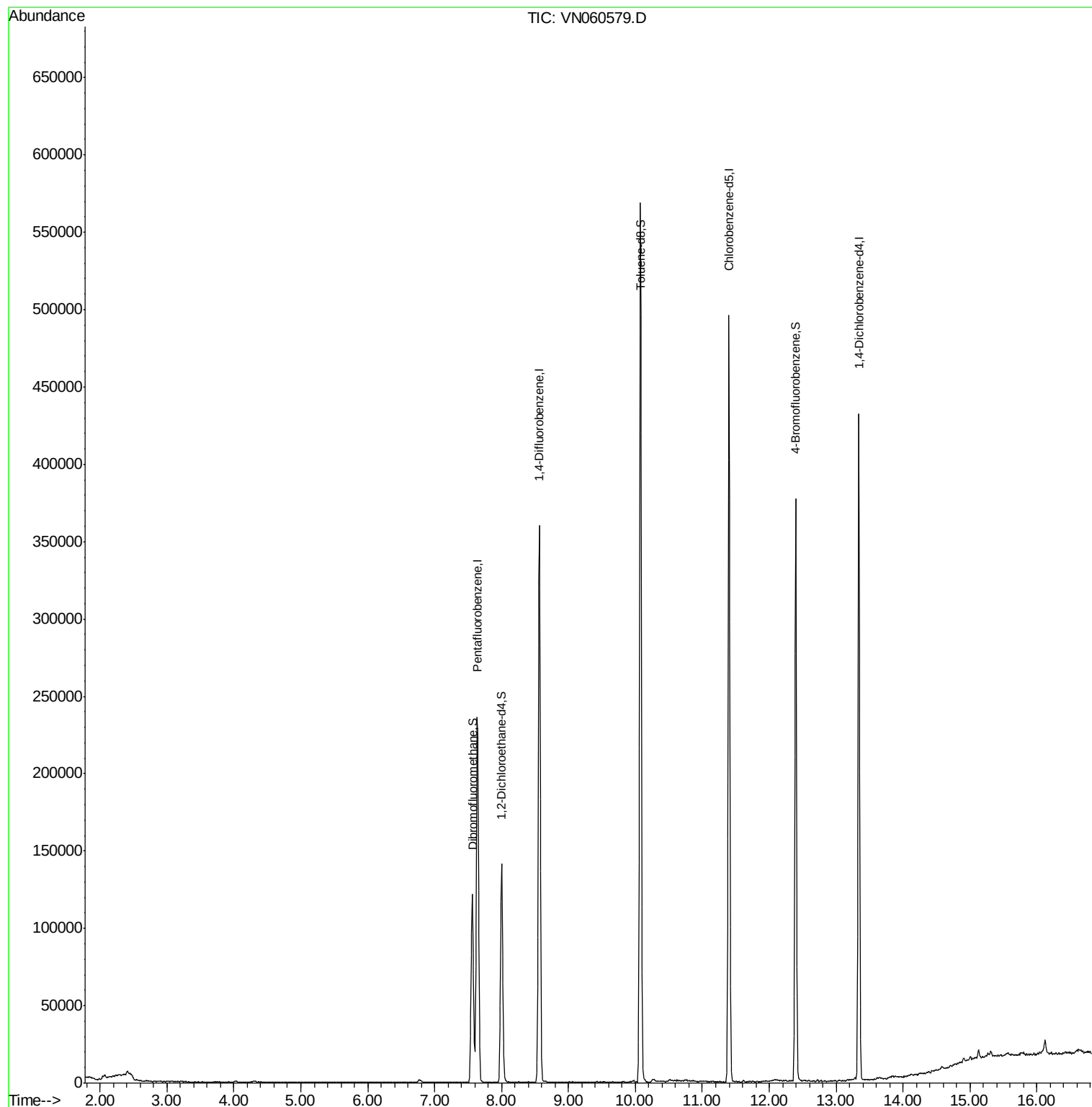
Target Compounds	Qvalue

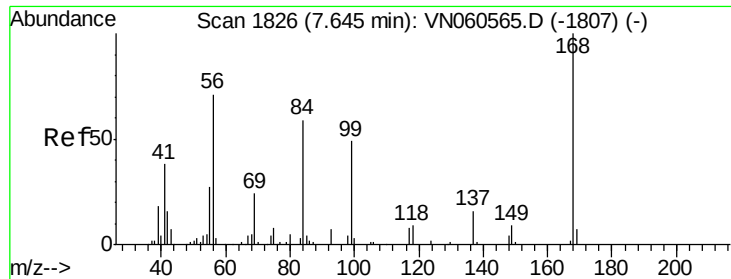
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060579.D

Acq: 18 Mar 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

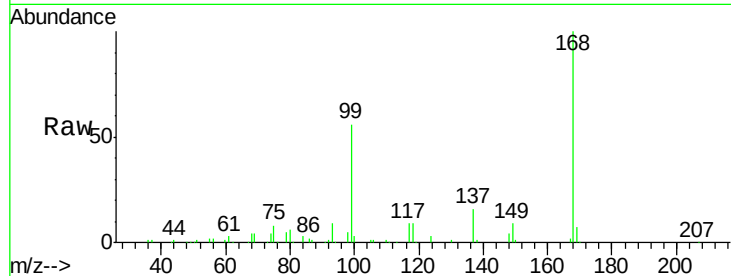
VN0318MBL01

Tot Ion:168 Resp: 194019

Ion Ratio Lower Upper

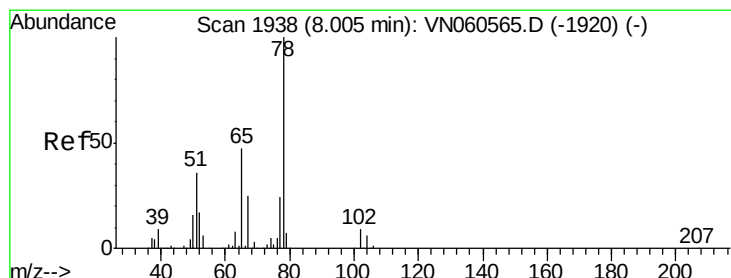
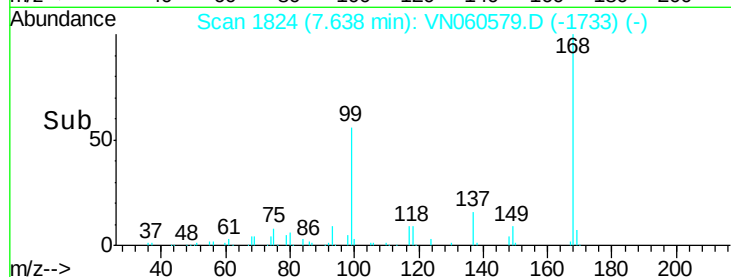
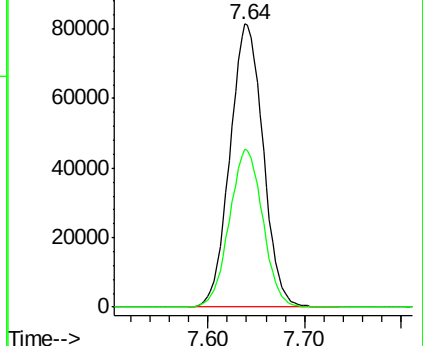
168 100

99 55.9 44.0 66.0



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: 46.015 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060579.D

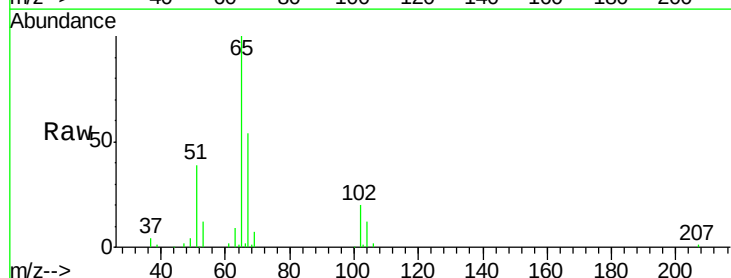
Acq: 18 Mar 2020 10:02

Tgt Ion: 65 Resp: 122557

Ion Ratio Lower Upper

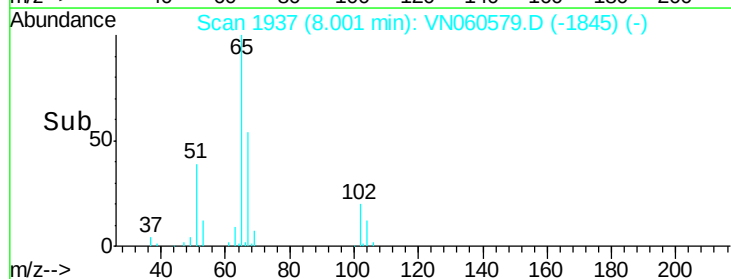
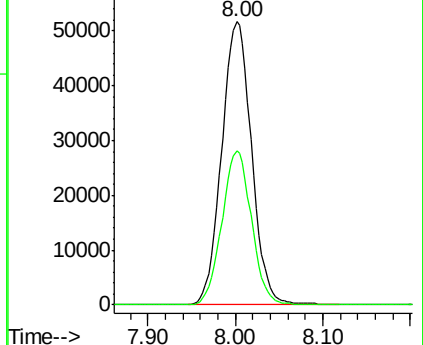
65 100

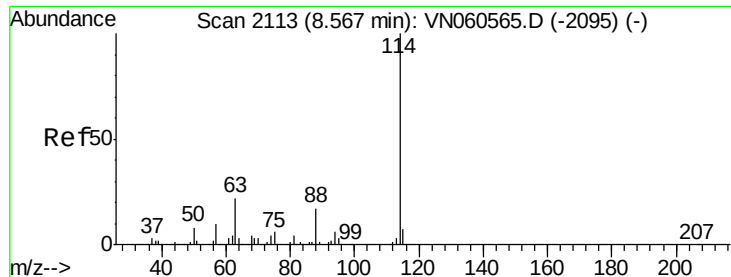
67 53.8 0.0 107.6



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: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060579.D

Acq: 18 Mar 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

VN0318MBL01

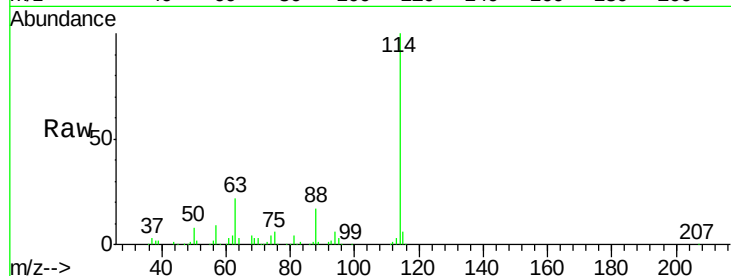
Tot Ion:114 Resp: 321610

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

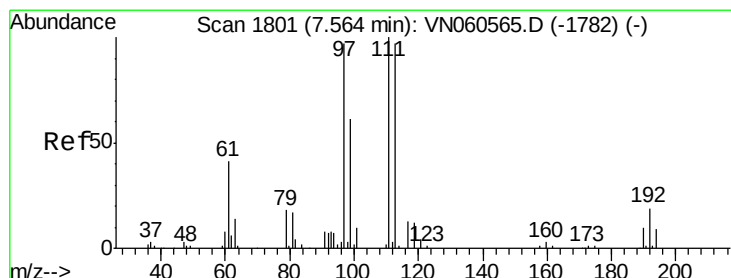
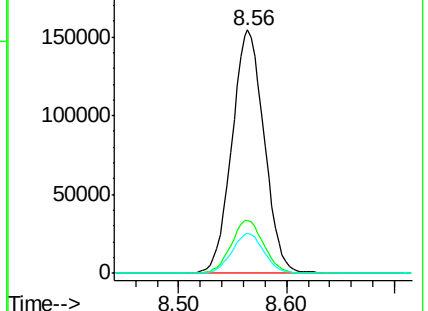
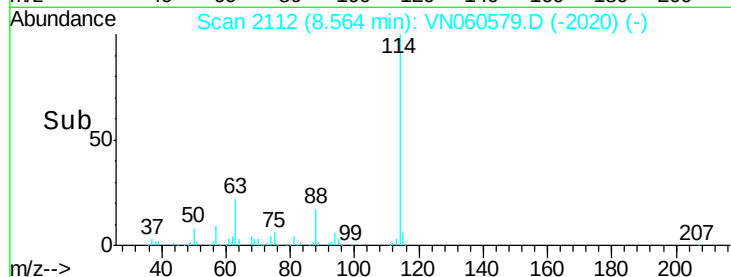
88 16.5 0.0 33.0



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: 48.463 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060579.D

Acq: 18 Mar 2020 10:02

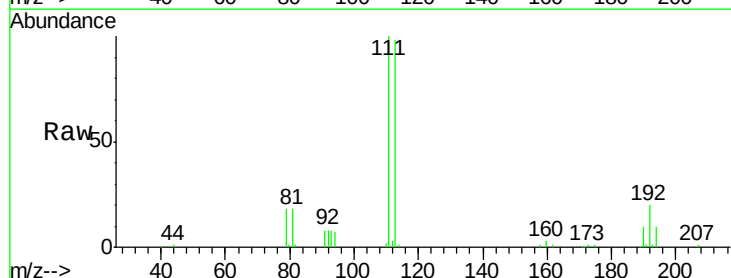
Tgt Ion:113 Resp: 94244

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

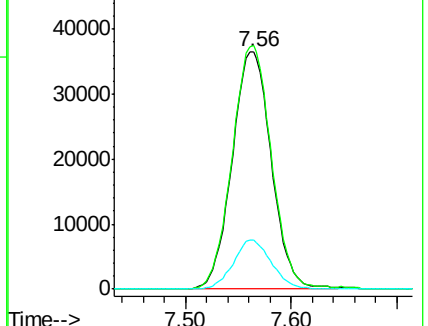
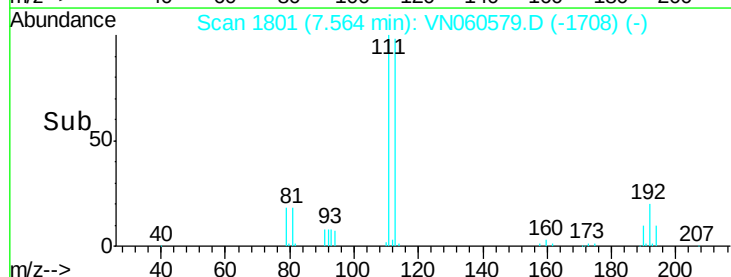
192 19.9 15.8 23.8

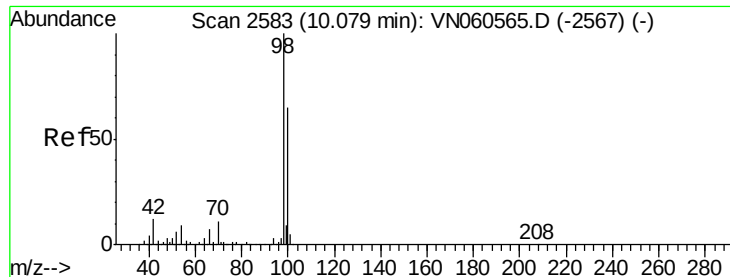


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.285 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060579.D

Acq: 18 Mar 2020 10:02

Instrument :

MSVOA_N

ClientSampleId :

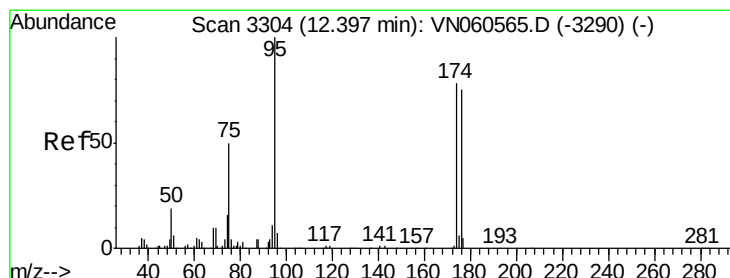
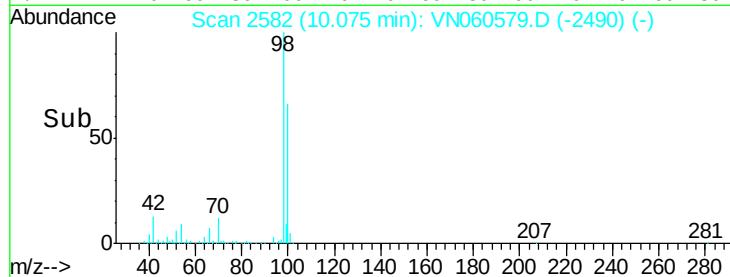
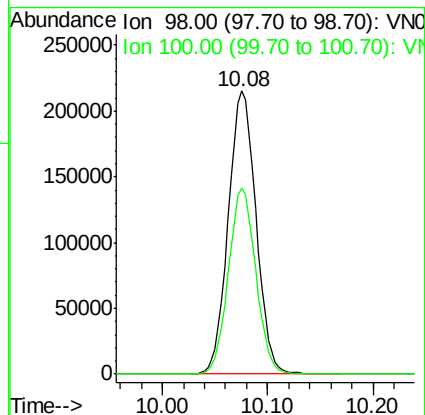
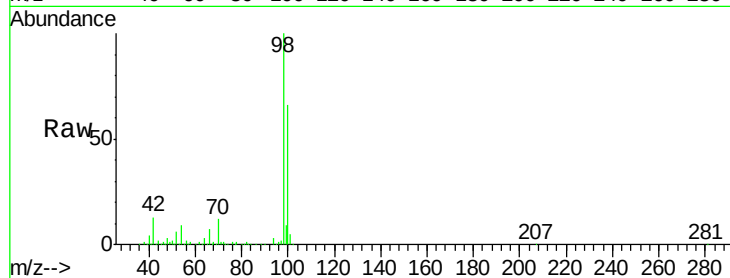
VN0318MBL01

Tot Ion: 98 Resp: 391485

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 45.534 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060579.D

Acq: 18 Mar 2020 10:02

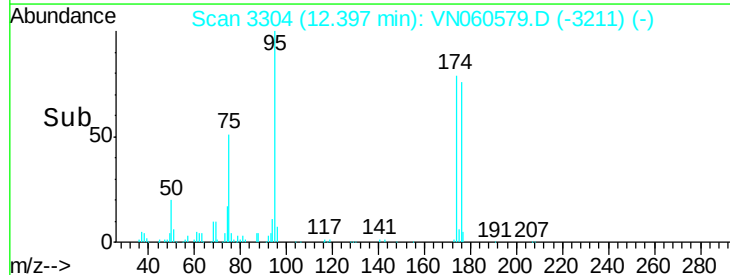
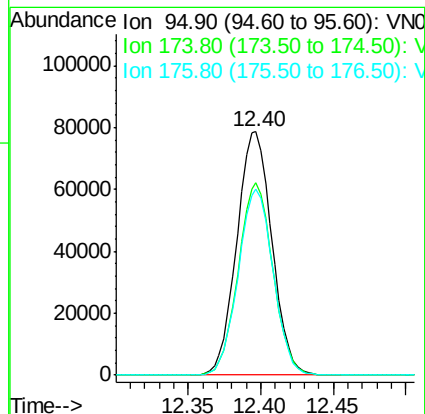
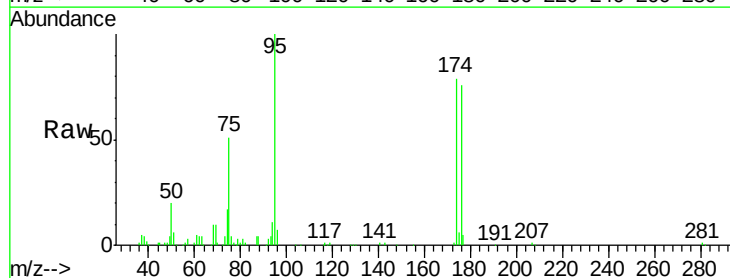
Tgt Ion: 95 Resp: 132554

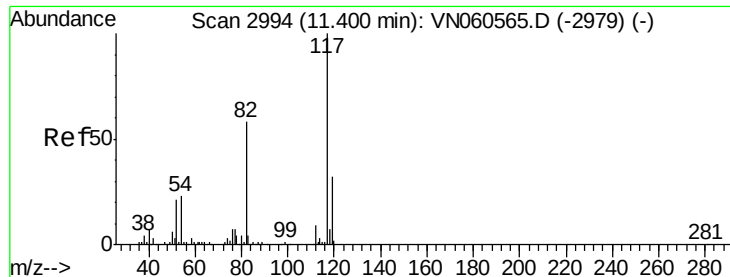
Ion Ratio Lower Upper

95 100

174 77.8 0.0 157.6

176 76.0 0.0 150.6

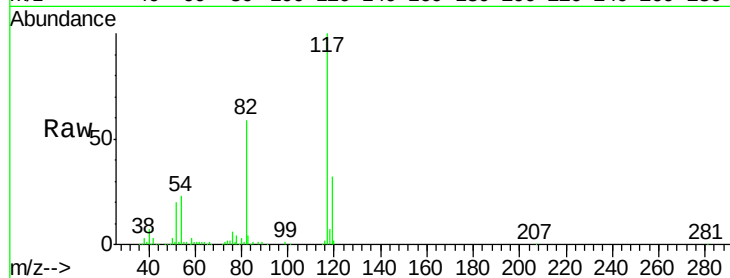




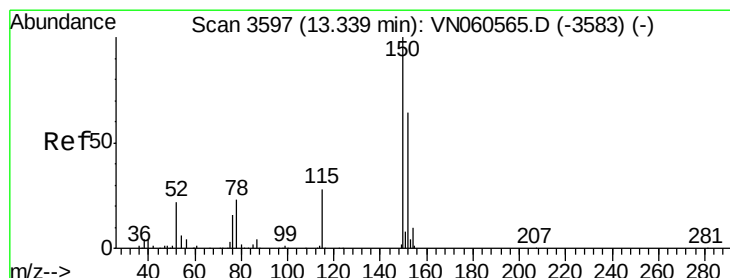
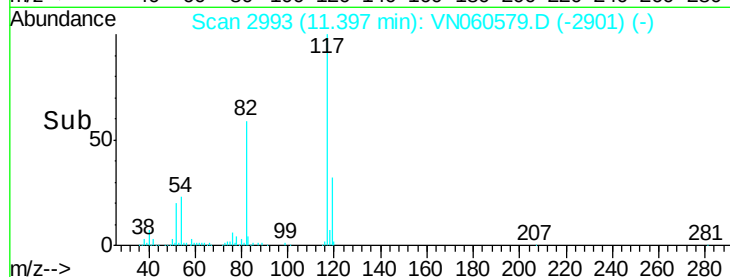
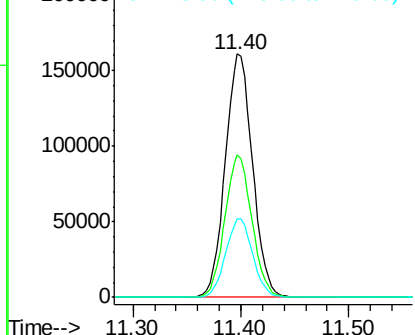
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060579.D
Acq: 18 Mar 2020 10:02

Instrument :
MSVOA_N
ClientSampleId :
VN0318MBL01

Tot Ion:117 Resp: 283352
Ion Ratio Lower Upper
117 100
82 58.5 46.7 70.1
119 32.2 25.5 38.3

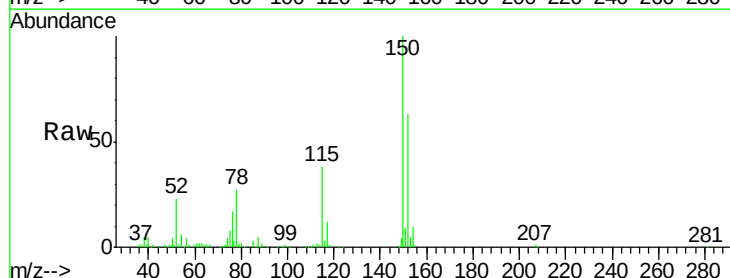


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060579.D
Acq: 18 Mar 2020 10:02

Tgt Ion:152 Resp: 112001
Ion Ratio Lower Upper
152 100
115 60.3 30.2 90.6
150 158.4 0.0 350.2



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

