

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032020\
 Data File : VN060647.D
 Acq On : 20 Mar 2020 12:52
 Operator : JC/MD
 Sample : VN0320WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBL01

Quant Time: Mar 20 23:47:31 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	171066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	278072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	247574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	96959	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	108355	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
35) Dibromofluoromethane	7.56	113	83875	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	10.08	98	340016	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.40	95	115362	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	

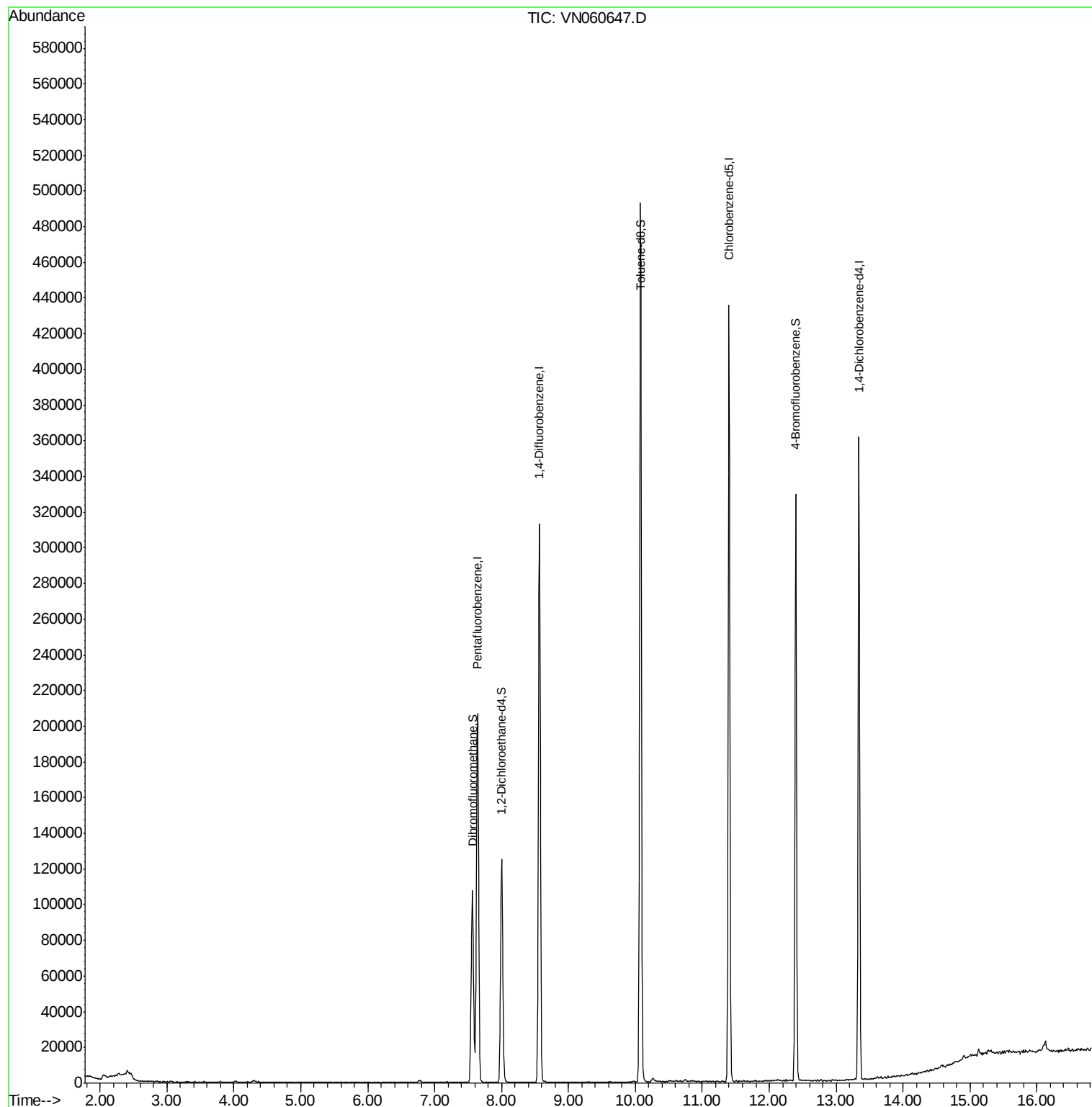
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060647.D

Acq: 20 Mar 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

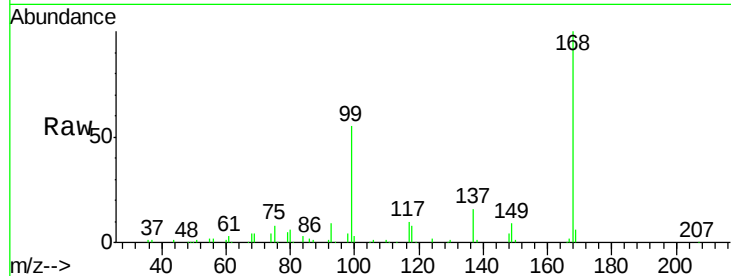
VN0320WBL01

Tgt Ion:168 Resp: 171066

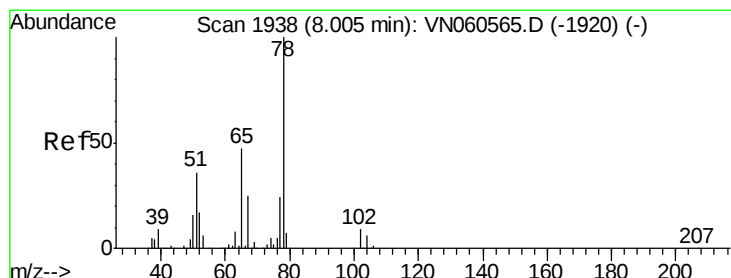
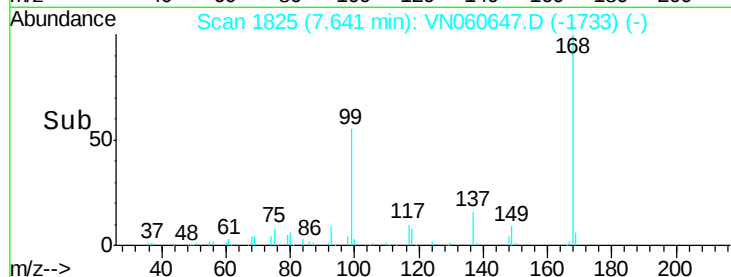
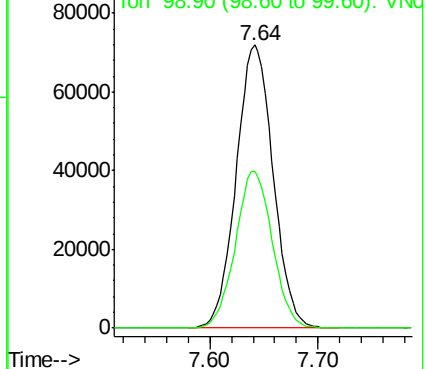
Ion Ratio Lower Upper

168 100

99 55.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060565.D (-1807) (-)



#33

1,2-Dichloroethane-d4

Concen: 46.14 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060647.D

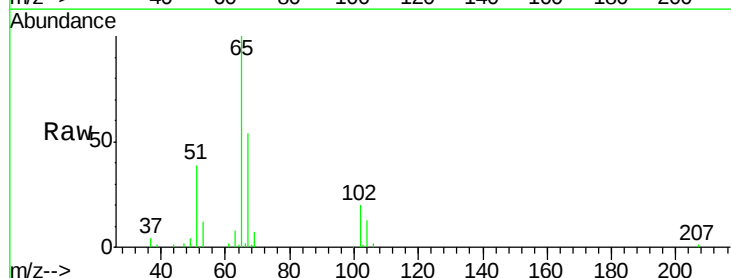
Acq: 20 Mar 2020 12:52

Tgt Ion: 65 Resp: 108355

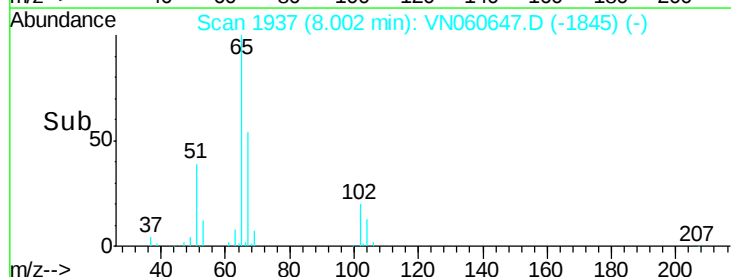
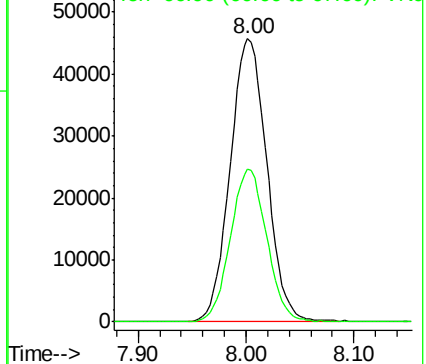
Ion Ratio Lower Upper

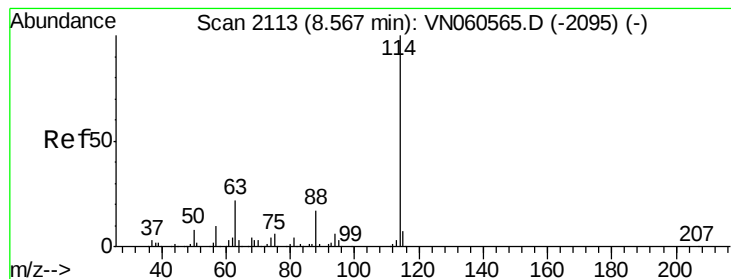
65 100

67 53.3 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060565.D (-1920) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060647.D

Acq: 20 Mar 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBL01

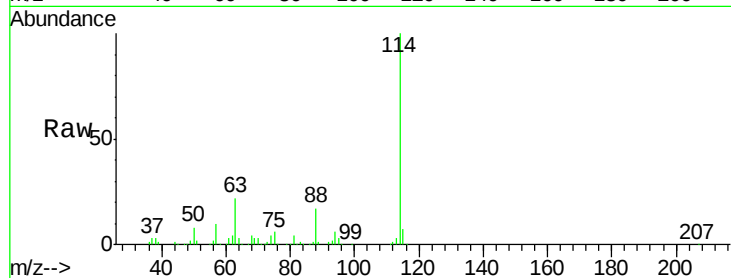
Tgt Ion:114 Resp: 278072

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

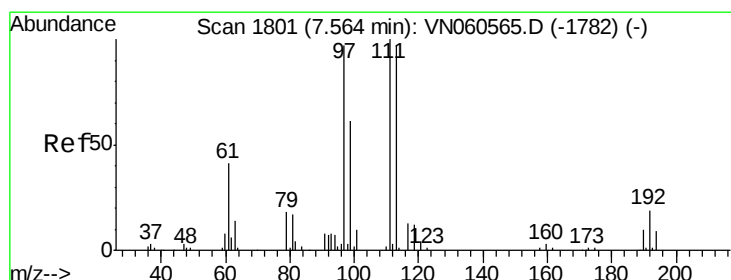
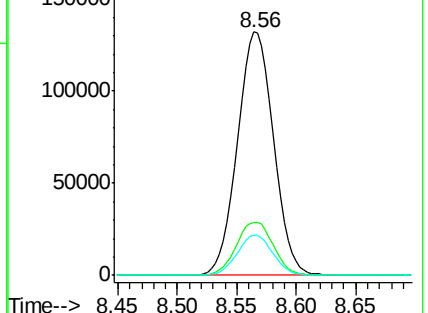
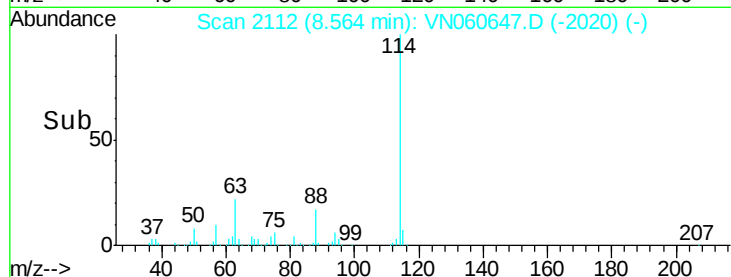
88 16.5 0.0 33.0



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: 49.88 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060647.D

Acq: 20 Mar 2020 12:52

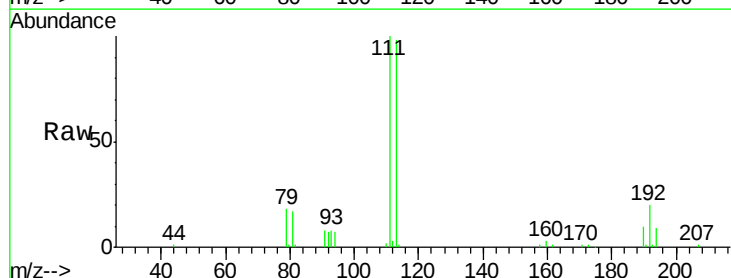
Tgt Ion:113 Resp: 83875

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

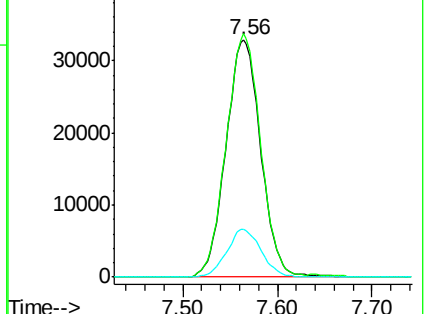
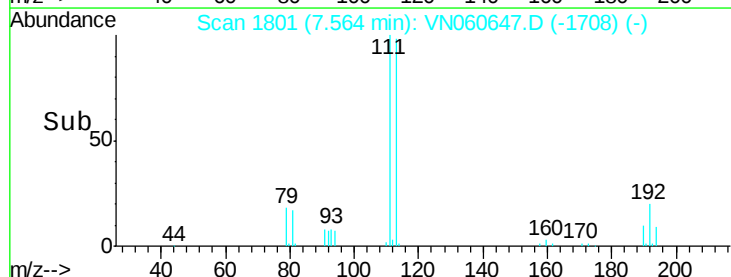
192 19.7 15.8 23.8

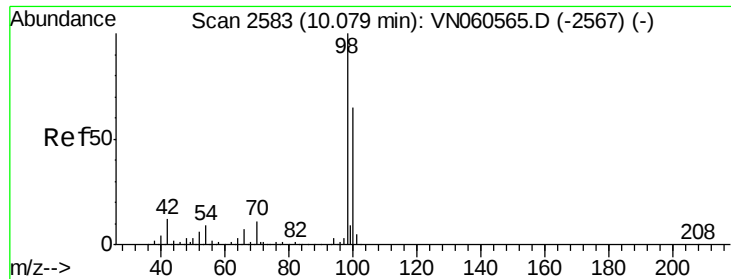


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.51 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060647.D

Acq: 20 Mar 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

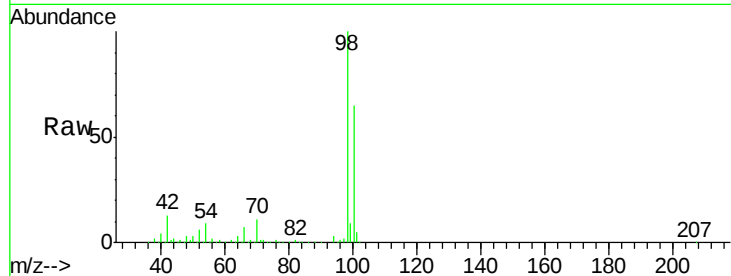
VN0320WBL01

Tgt Ion: 98 Resp: 340016

Ion Ratio Lower Upper

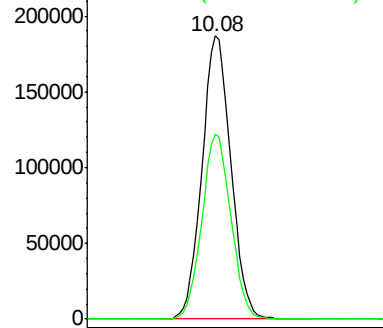
98 100

100 65.5 51.8 77.8

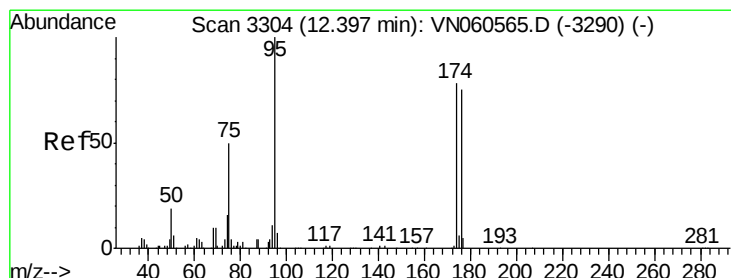
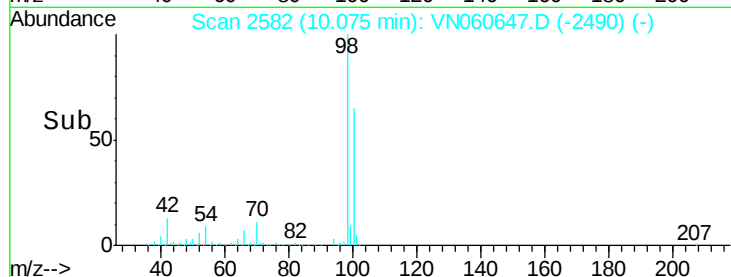


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 45.83 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060647.D

Acq: 20 Mar 2020 12:52

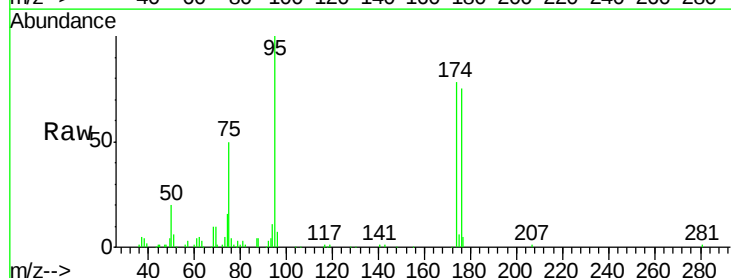
Tgt Ion: 95 Resp: 115362

Ion Ratio Lower Upper

95 100

174 78.9 0.0 157.6

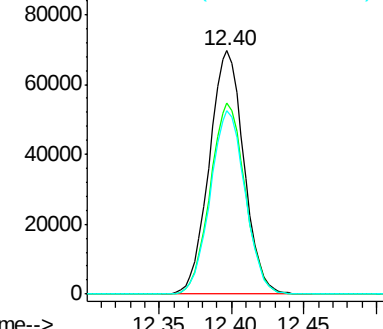
176 75.9 0.0 150.6



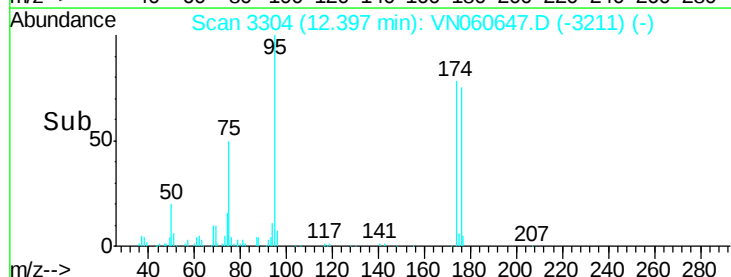
Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060647.D

Acq: 20 Mar 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBL01

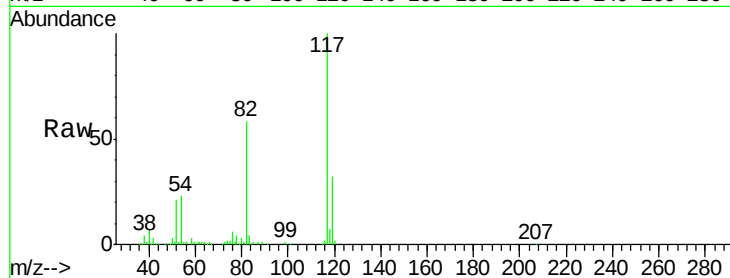
Tgt Ion:117 Resp: 247574

Ion Ratio Lower Upper

117 100

82 58.4 46.7 70.1

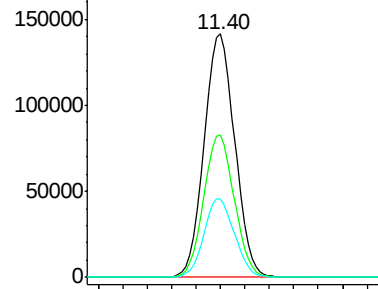
119 32.3 25.5 38.3



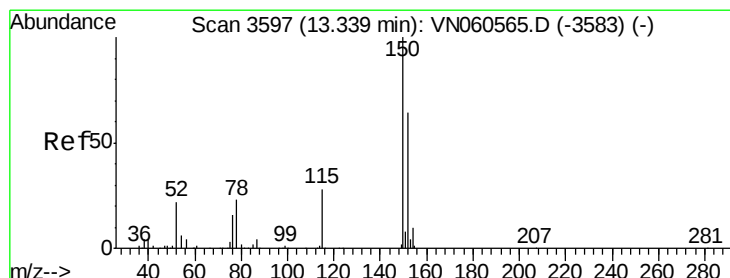
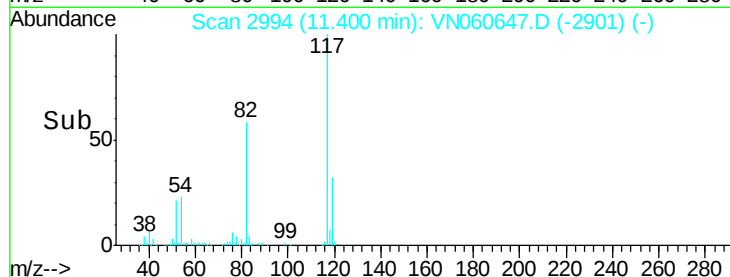
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060647.D

Acq: 20 Mar 2020 12:52

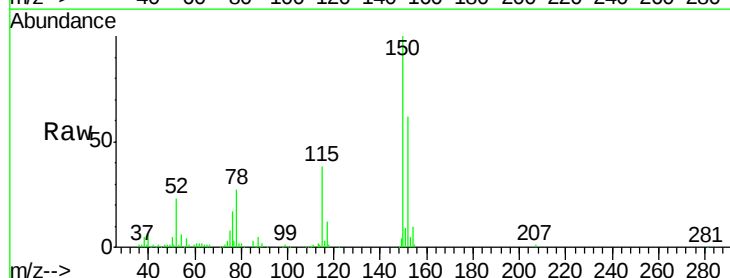
Tgt Ion:152 Resp: 96959

Ion Ratio Lower Upper

152 100

115 59.5 30.2 90.6

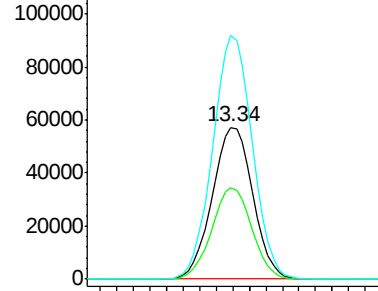
150 157.3 0.0 350.2



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



Time--> 13.30 13.35 13.40

