

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060892.D
 Acq On : 8 Apr 2020 11:32
 Operator : JC/MD
 Sample : VN0408WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBL01

Quant Time: Apr 09 08:42:21 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	183333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	303428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	276894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	111687	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	118249	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	7.56	113	90754	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.08	98	370731	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	129860	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

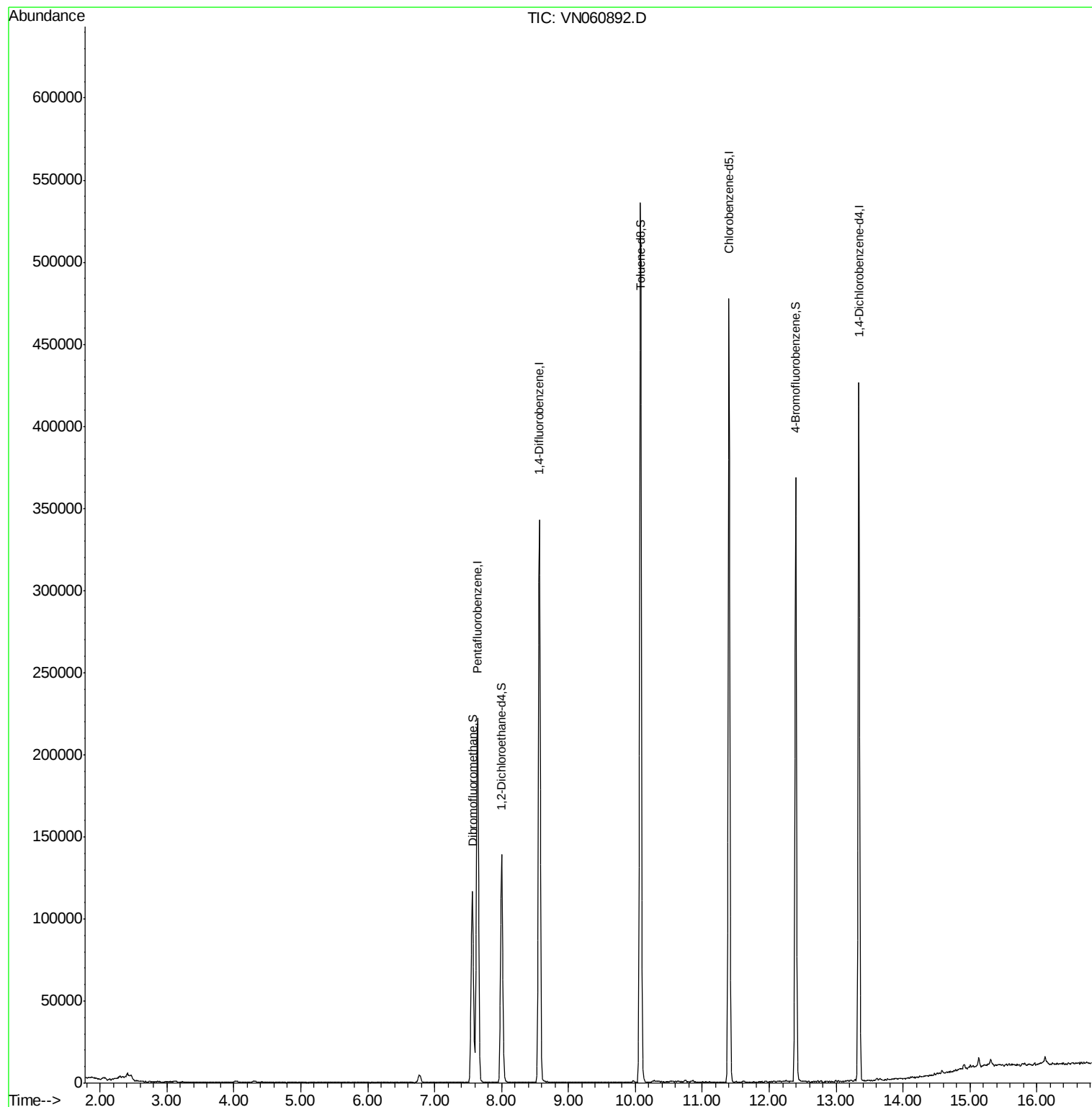
Target Compounds	Qvalue

(#) = 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# 1825

Delta R.T. -0.00 min

Lab File: VN060892.D

Acq: 8 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

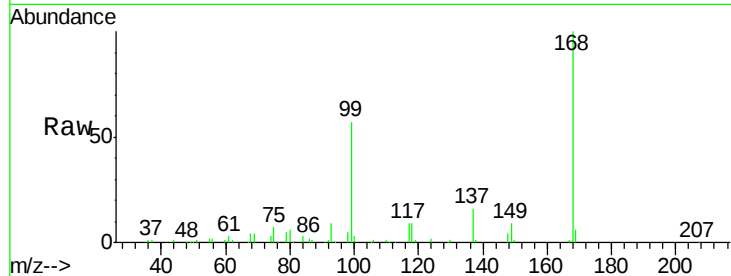
VN0408WBL01

Tot Ion:168 Resp: 183333

Ion Ratio Lower Upper

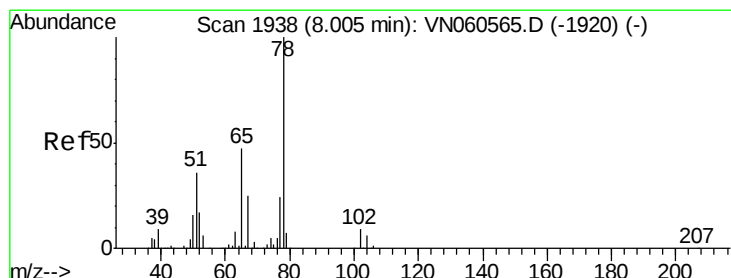
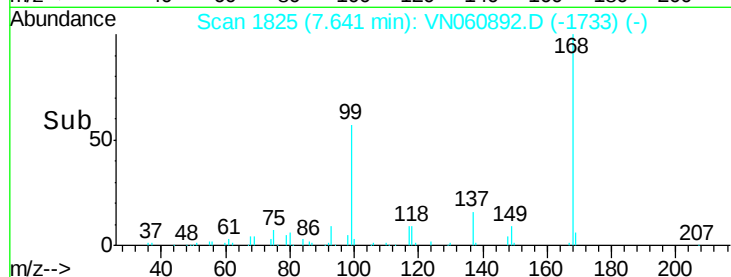
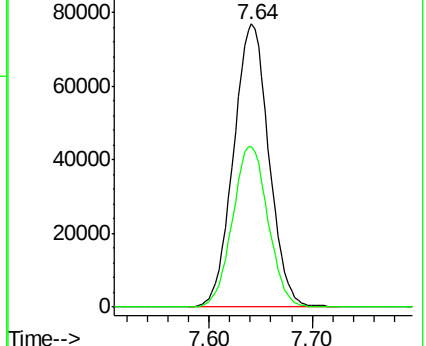
168 100

99 56.9 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: 46.985 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060892.D

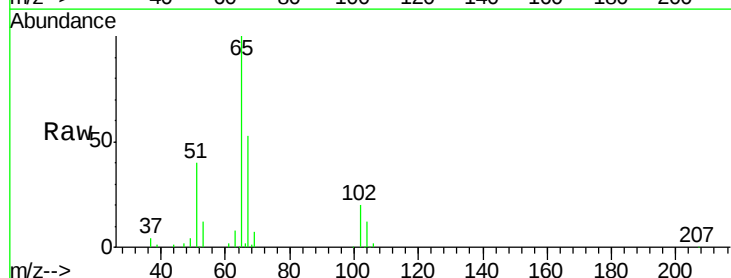
Acq: 8 Apr 2020 11:32

Tgt Ion: 65 Resp: 118249

Ion Ratio Lower Upper

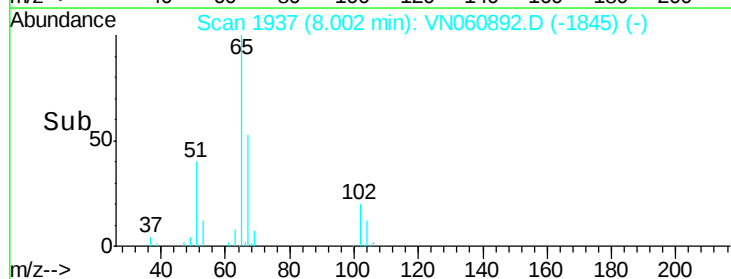
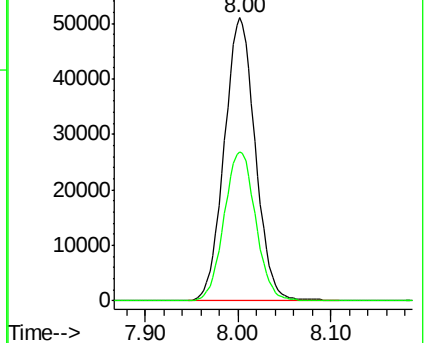
65 100

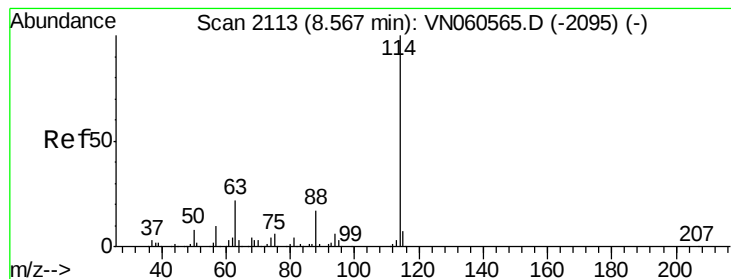
67 53.6 0.0 107.6



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: VN060892.D

Acq: 8 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBL01

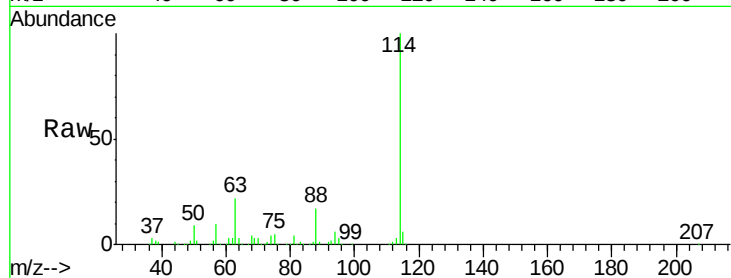
Tot Ion:114 Resp: 303428

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

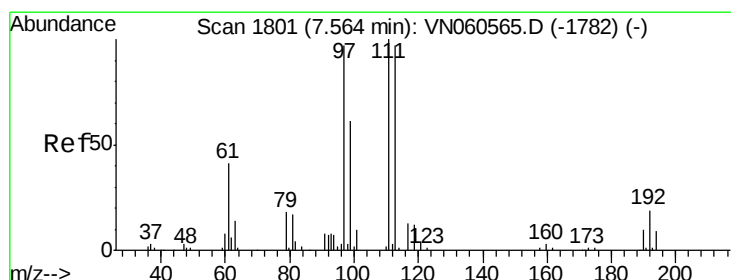
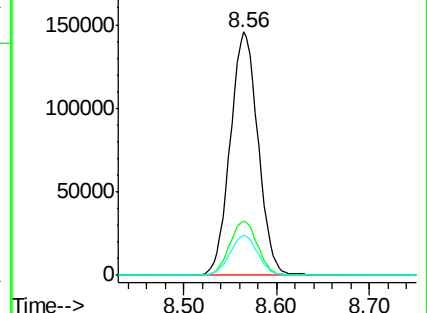
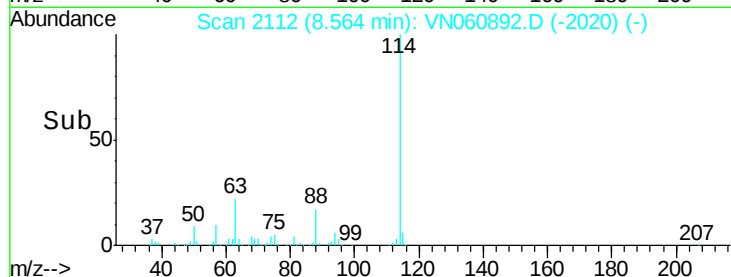
88 16.6 0.0 33.0



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: 49.464 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060892.D

Acq: 8 Apr 2020 11:32

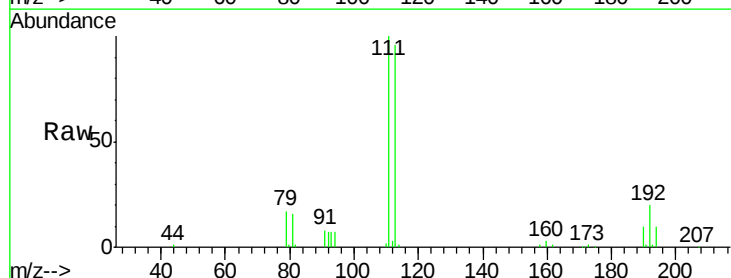
Tgt Ion:113 Resp: 90754

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

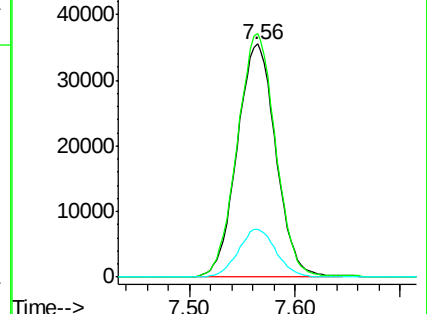
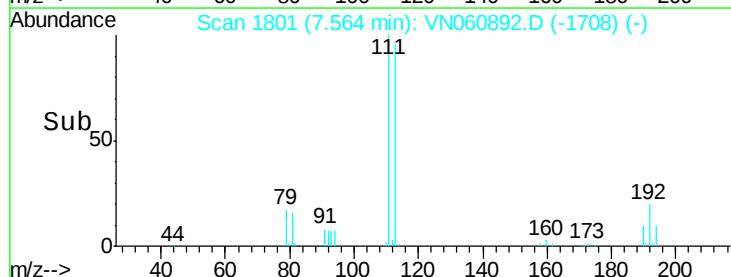
192 19.9 15.8 23.8

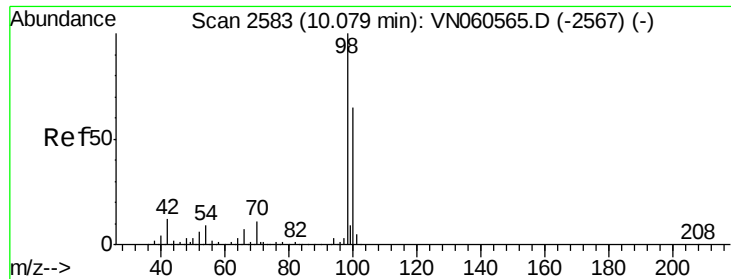


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.469 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060892.D

Acq: 8 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

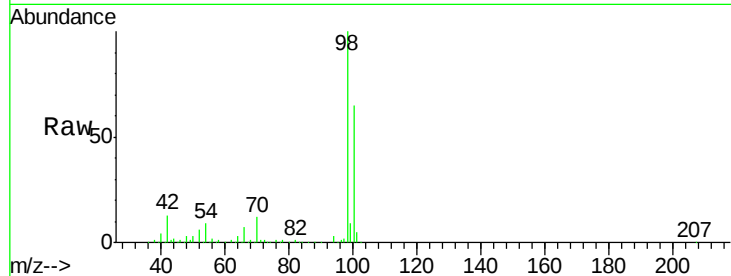
VN0408WBL01

Tot Ion: 98 Resp: 370731

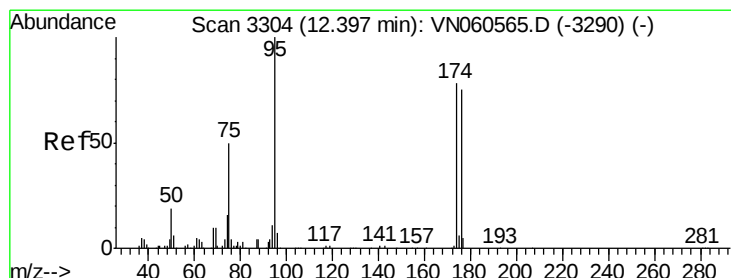
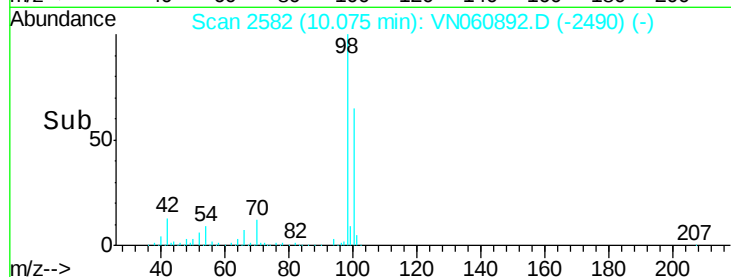
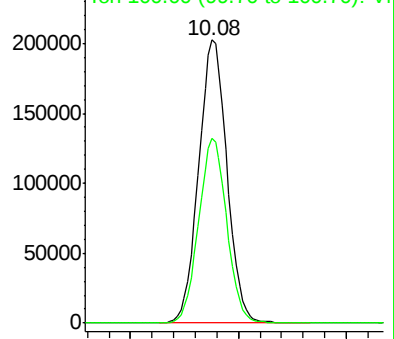
Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060565.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 47.282 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060892.D

Acq: 8 Apr 2020 11:32

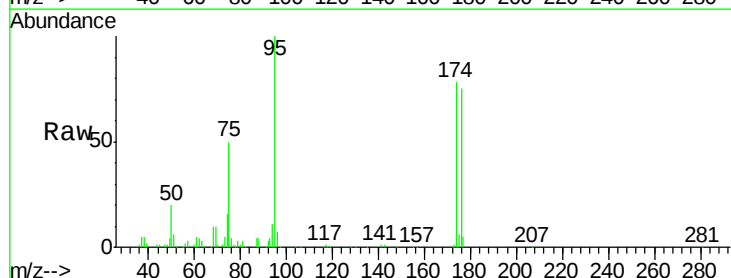
Tgt Ion: 95 Resp: 129860

Ion Ratio Lower Upper

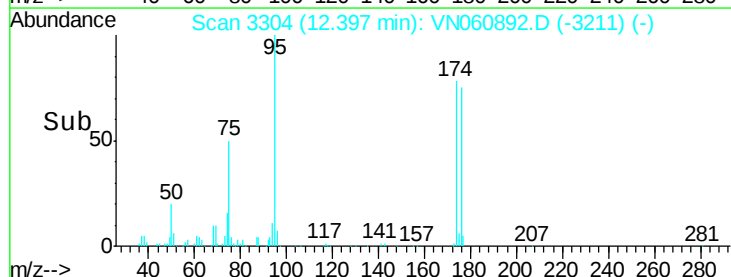
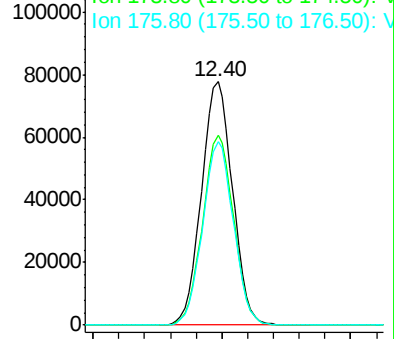
95 100

174 77.9 0.0 157.6

176 74.6 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060565.D (-3290) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060892.D

Acq: 8 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBL01

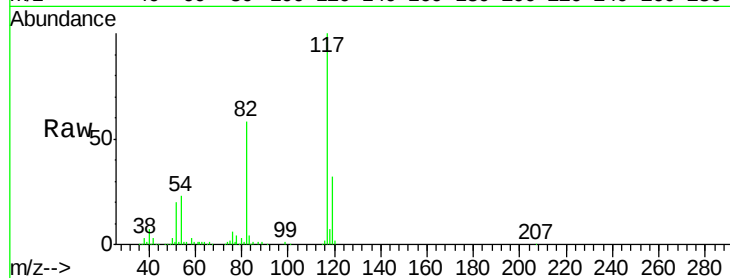
Tot Ion:117 Resp: 276894

Ion Ratio Lower Upper

117 100

82 58.1 46.7 70.1

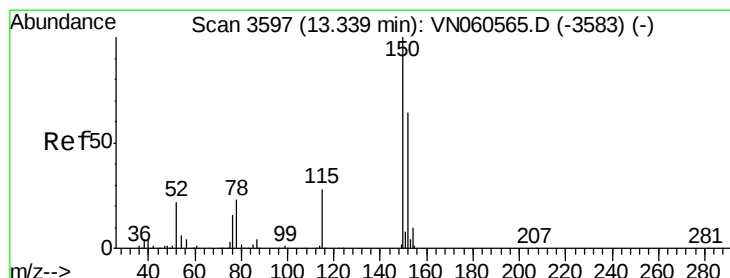
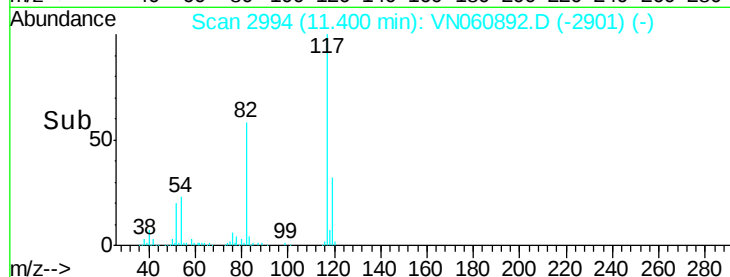
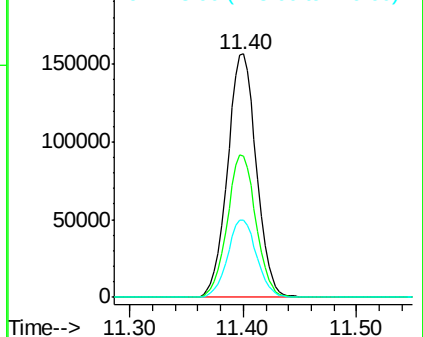
119 31.9 25.5 38.3



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: VN060892.D

Acq: 8 Apr 2020 11:32

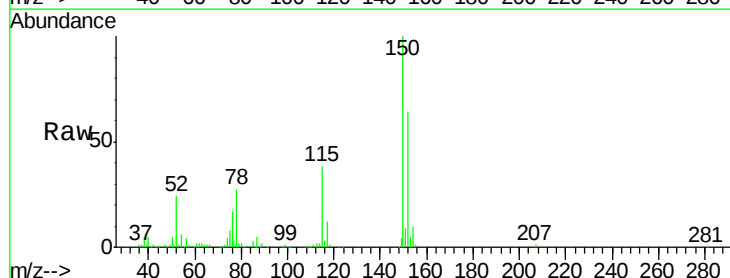
Tgt Ion:152 Resp: 111687

Ion Ratio Lower Upper

152 100

115 59.3 30.2 90.6

150 156.9 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

