

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030920\
 Data File : VN060392.D
 Acq On : 9 Mar 2020 10:41
 Operator : JC/MD
 Sample : VN0309WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBL01

Quant Time: Mar 09 16:37:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	205488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	338934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	300865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130900	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129136	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.57	113	97333	61.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.74%	
50) Toluene-d8	10.08	98	404959	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	142495	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

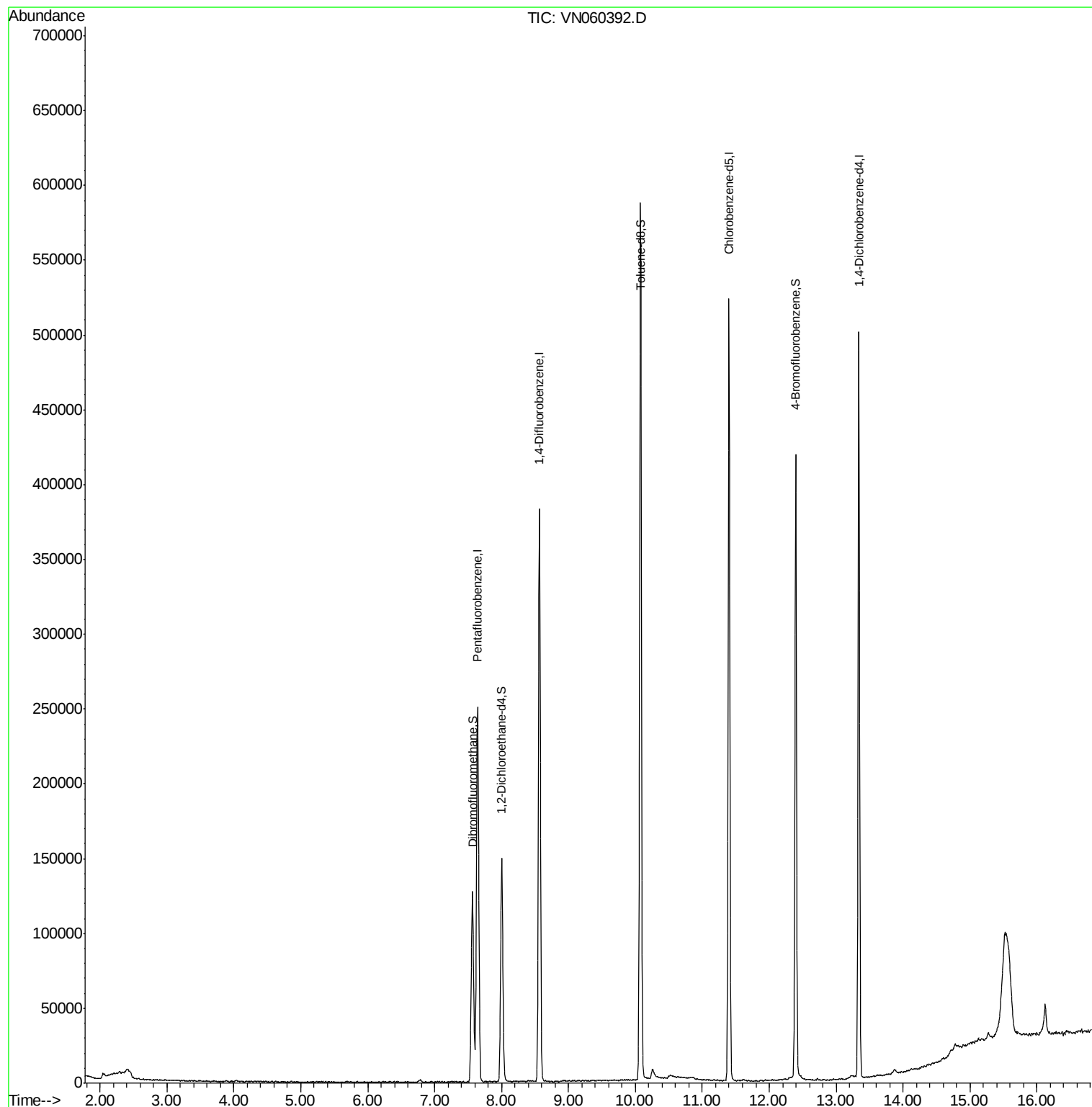
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060392.D

Acq: 9 Mar 2020 10:41

Instrument :

MSVOA_N

ClientSampleId :

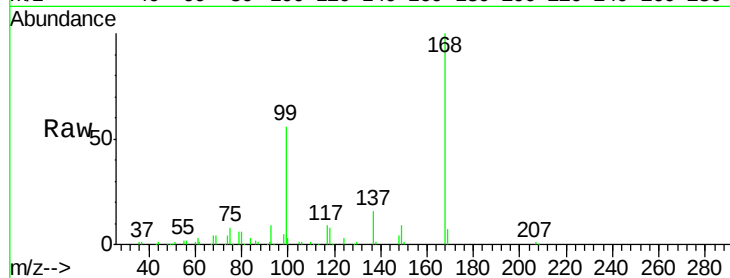
VN0309WBL01

Tgt Ion:168 Resp: 205488

Ion Ratio Lower Upper

168 100

99 56.2 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

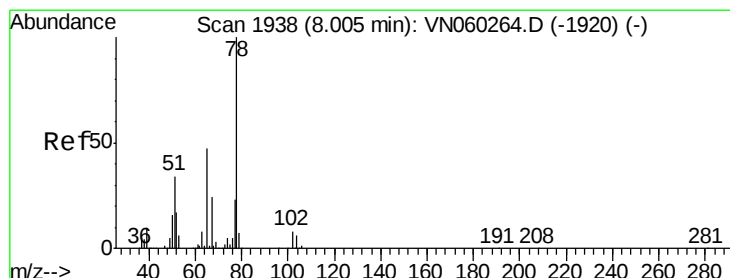
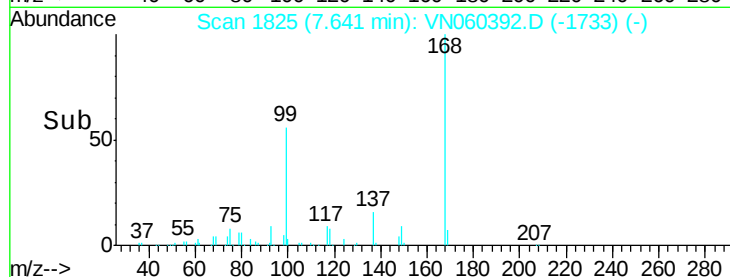
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.98 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060392.D

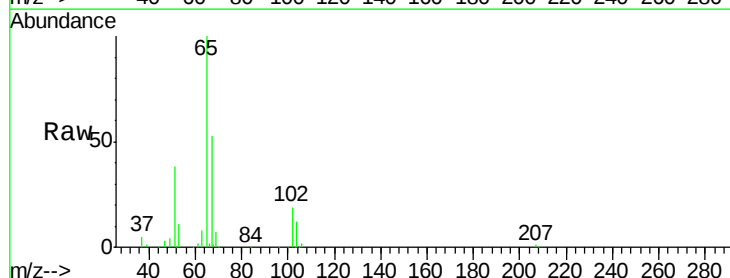
Acq: 9 Mar 2020 10:41

Tgt Ion: 65 Resp: 129136

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

60000

50000

40000

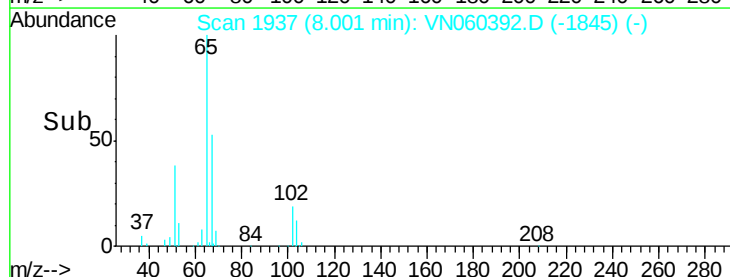
30000

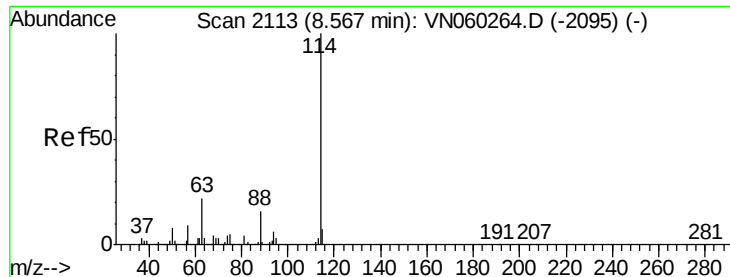
20000

10000

0

Time-->

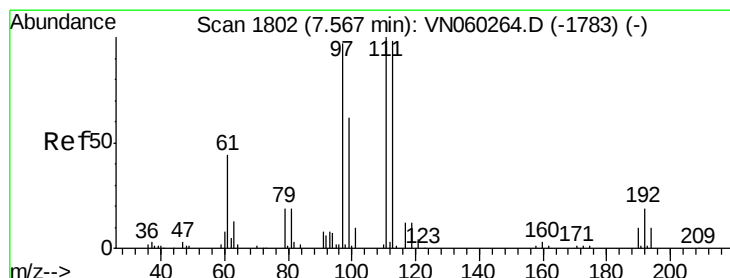
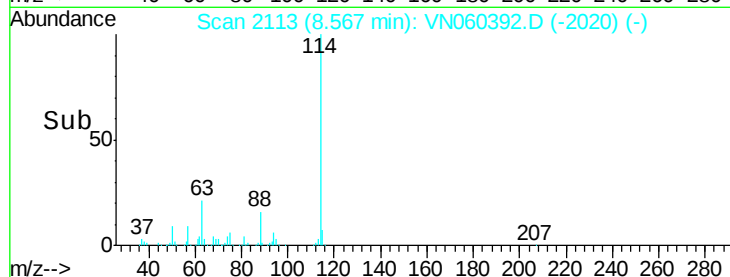
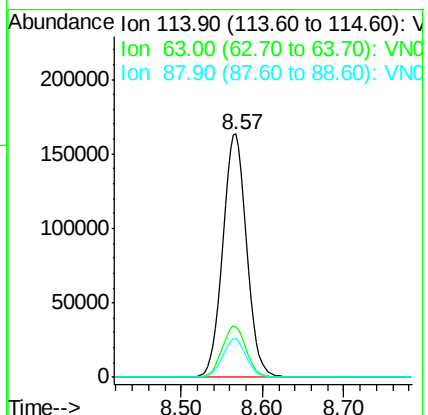
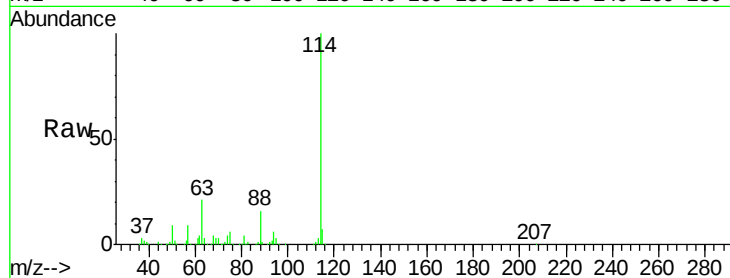




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060392.D
 Acq: 9 Mar 2020 10:41

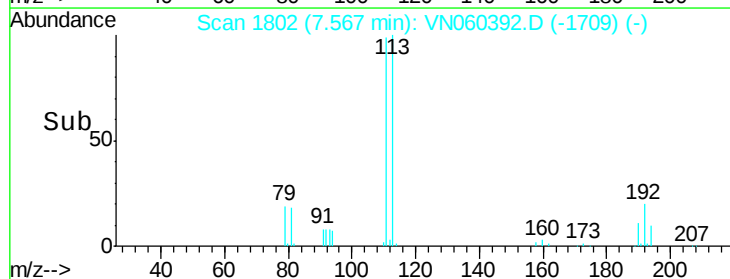
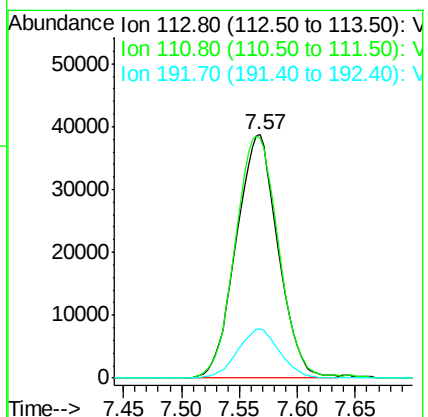
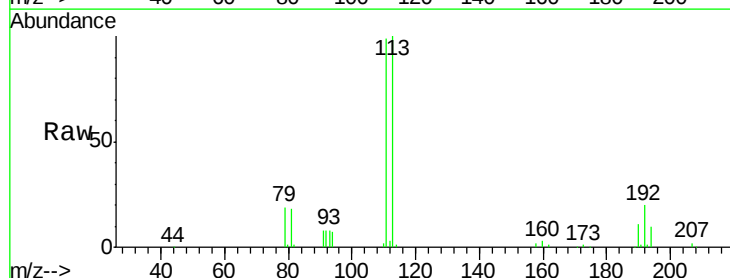
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBL01

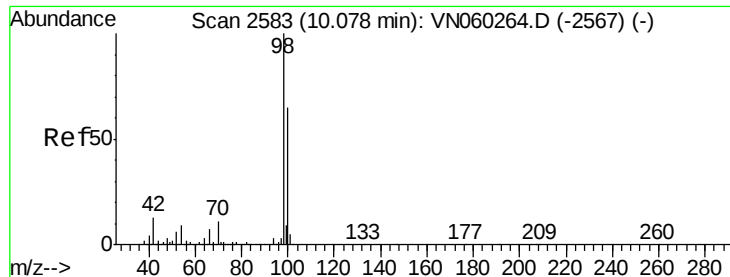
Tgt Ion:114 Resp: 338934
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 15.8 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 61.87 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060392.D
 Acq: 9 Mar 2020 10:41

Tgt Ion:113 Resp: 97333
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 20.1 16.2 24.2





#50

Toluene-d8

Concen: 50.86 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060392.D

Acq: 9 Mar 2020 10:41

Instrument :

MSVOA_N

ClientSampleId :

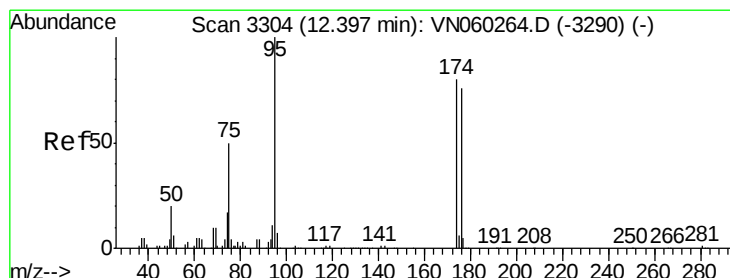
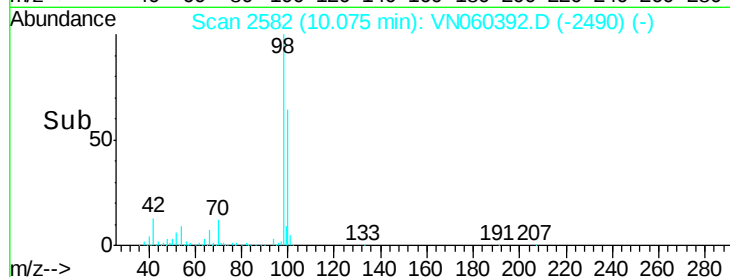
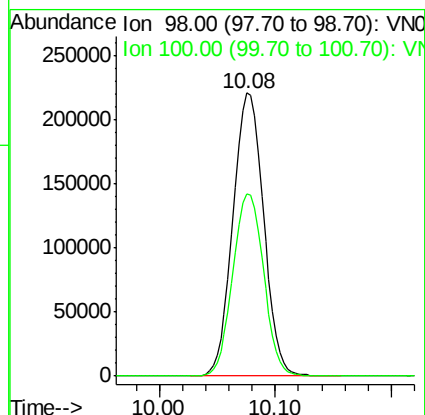
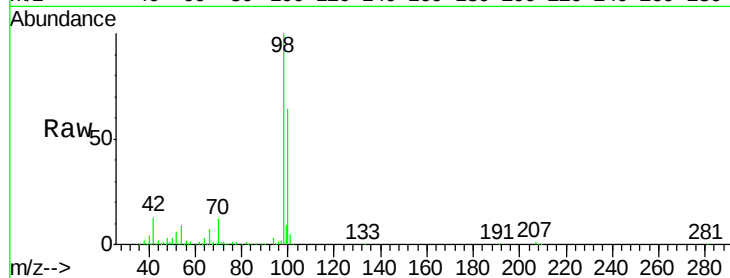
VN0309WBL01

Tgt Ion: 98 Resp: 404959

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.21 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060392.D

Acq: 9 Mar 2020 10:41

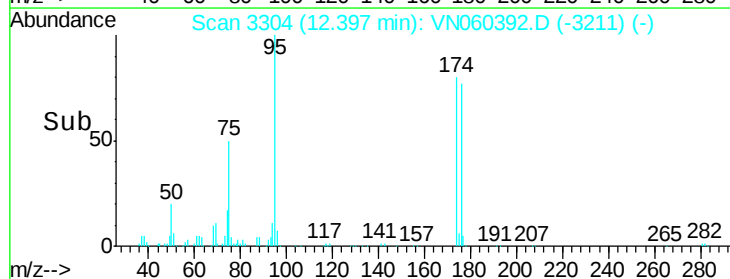
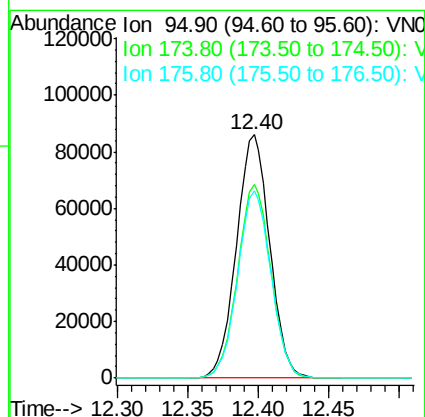
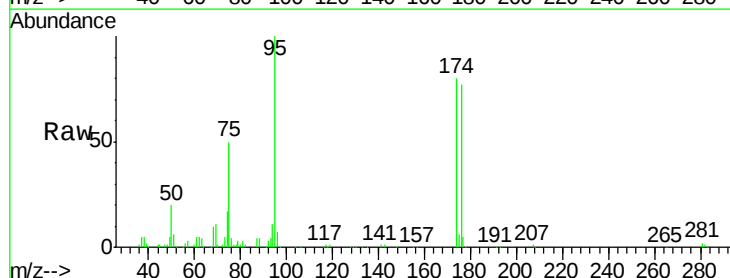
Tgt Ion: 95 Resp: 142495

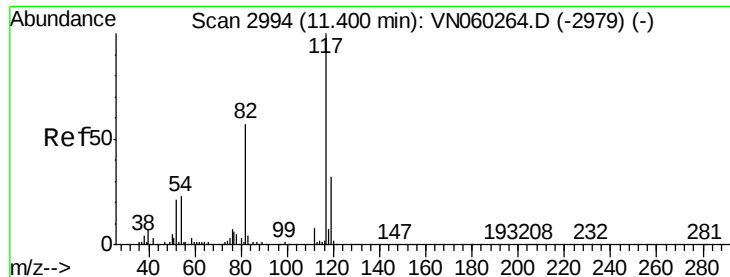
Ion Ratio Lower Upper

95 100

174 79.6 0.0 159.2

176 77.2 0.0 153.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060392.D

Acq: 9 Mar 2020 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBL01

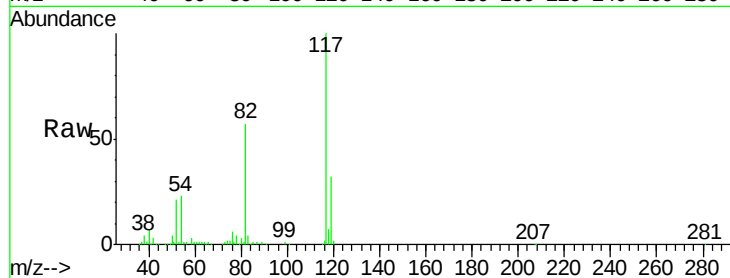
Tgt Ion:117 Resp: 300865

Ion Ratio Lower Upper

117 100

82 57.0 45.8 68.6

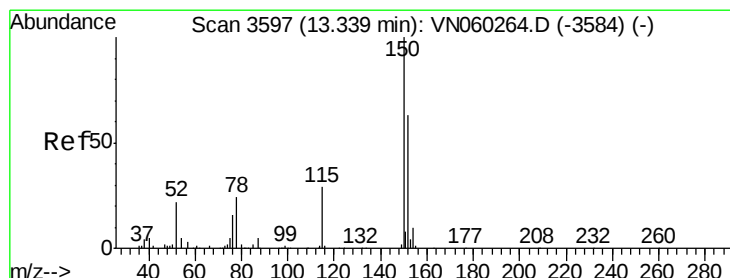
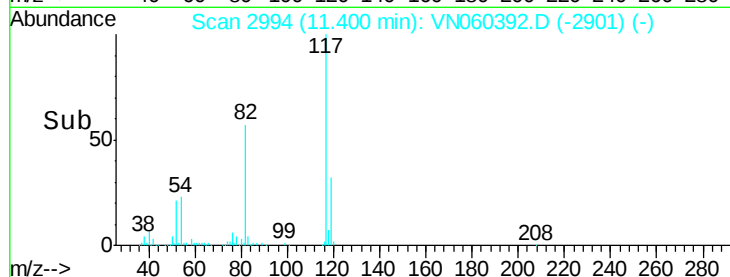
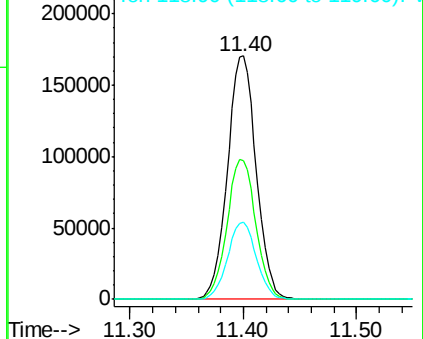
119 31.6 25.8 38.8



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: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060392.D

Acq: 9 Mar 2020 10:41

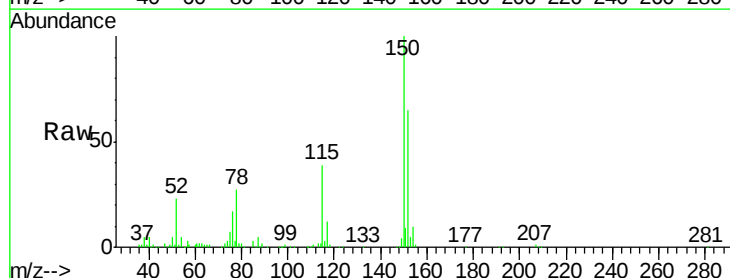
Tgt Ion:152 Resp: 130900

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 156.9 0.0 349.6



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

