

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030920\
 Data File : VN060391.D
 Acq On : 9 Mar 2020 10:18
 Operator : JC/MD
 Sample : VN0309MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309MBL01

Quant Time: Mar 09 16:35:09 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	187160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	304898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	269327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109952	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	117891	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.56	113	88246	62.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.70%	
50) Toluene-d8	10.08	98	369053	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.40	95	126620	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	

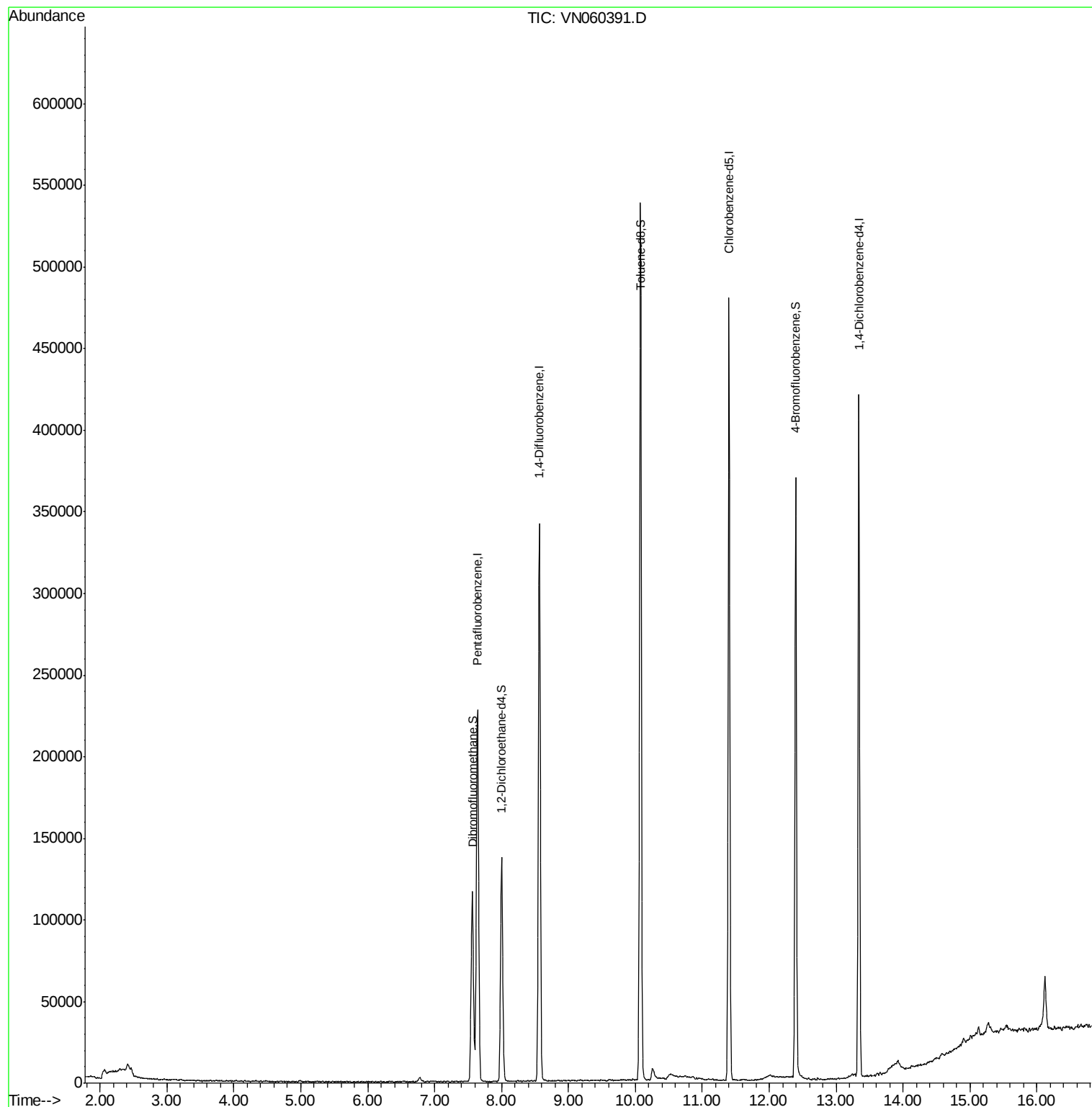
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 27 13:52:50 2020
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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: VN060391.D

Acq: 9 Mar 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

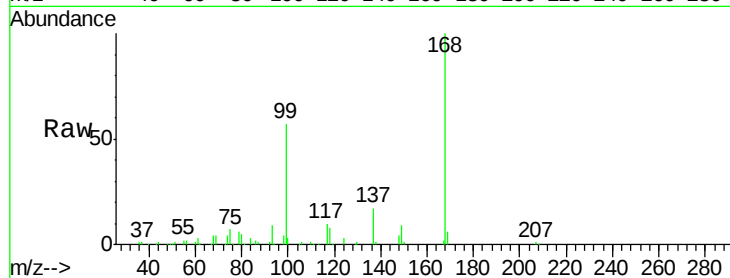
VN0309MBL01

Tgt Ion:168 Resp: 187160

Ion Ratio Lower Upper

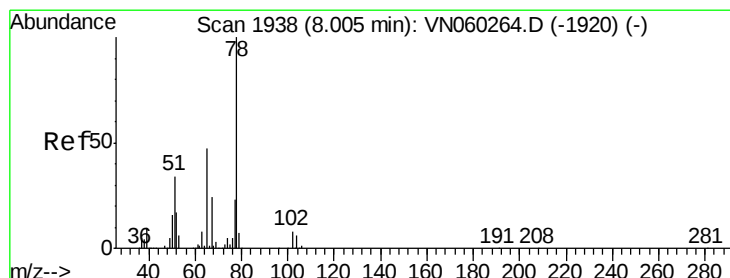
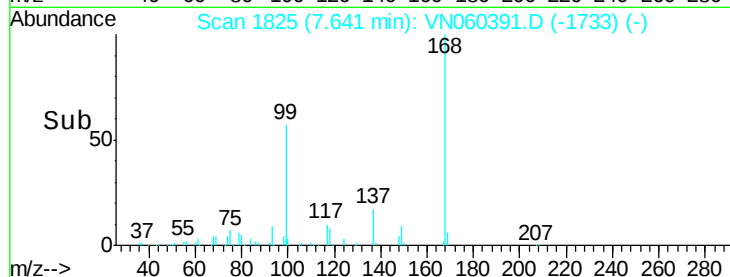
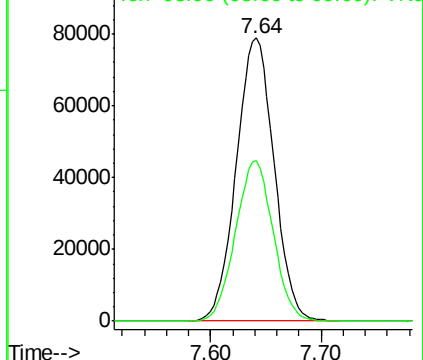
168 100

99 56.5 44.7 67.1



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: 49.09 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060391.D

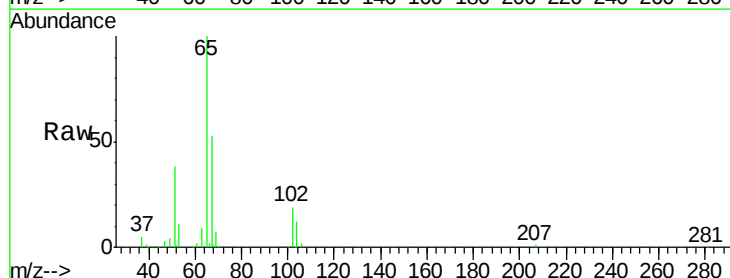
Acq: 9 Mar 2020 10:18

Tgt Ion: 65 Resp: 117891

Ion Ratio Lower Upper

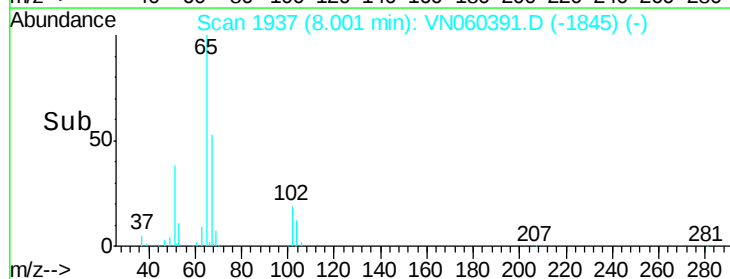
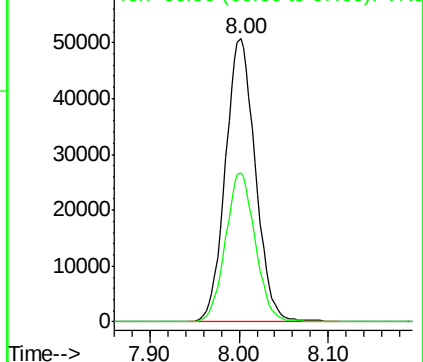
65 100

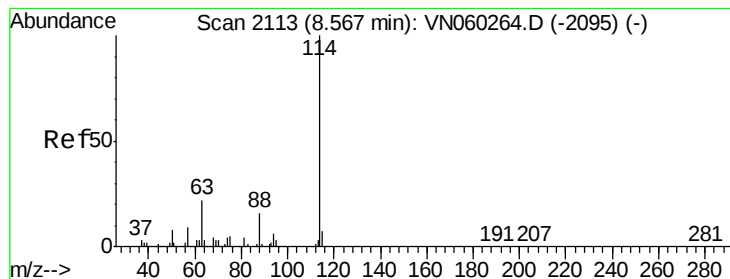
67 52.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060391.D

Acq: 9 Mar 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0309MBL01

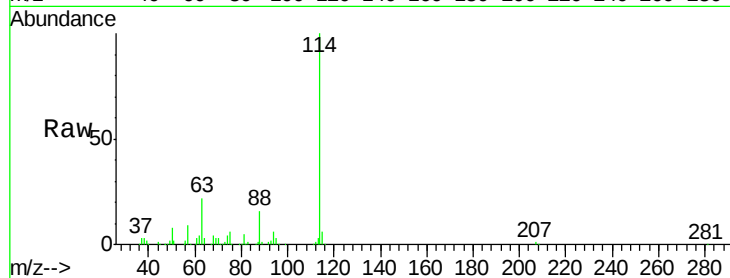
Tgt Ion:114 Resp: 304898

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

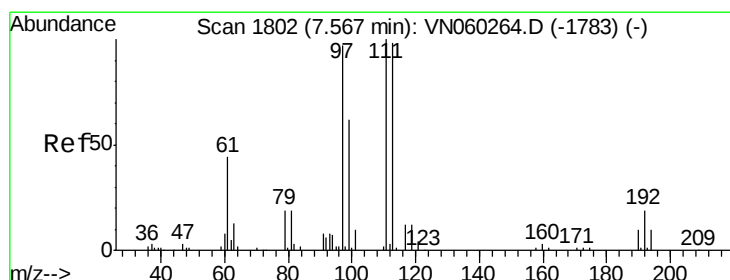
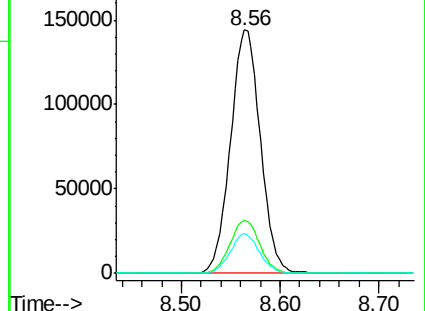
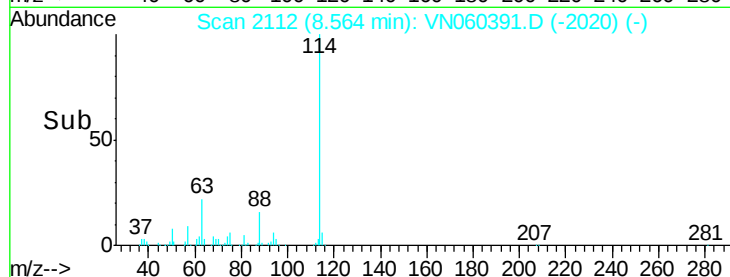
88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 62.35 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060391.D

Acq: 9 Mar 2020 10:18

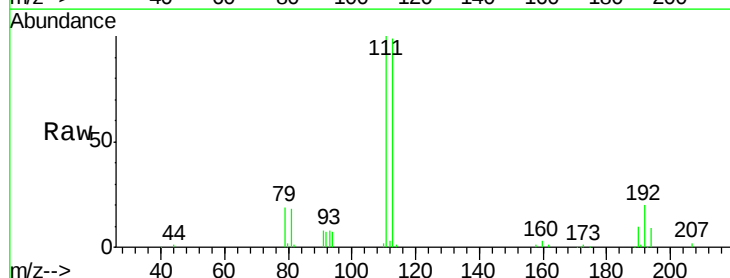
Tgt Ion:113 Resp: 88246

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

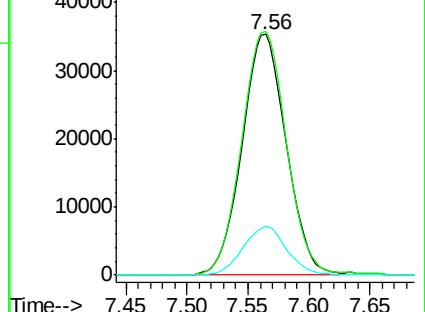
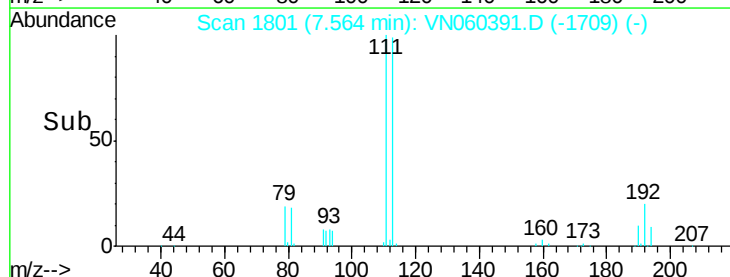
192 19.9 16.2 24.2

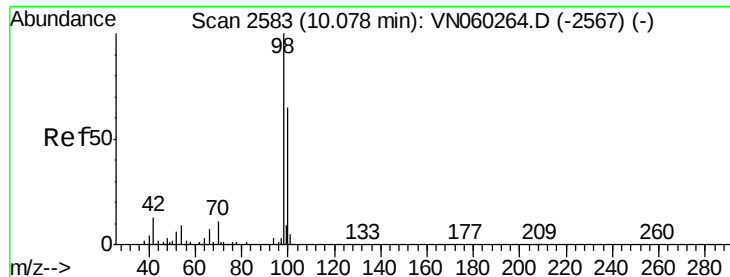


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.52 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060391.D

Acq: 9 Mar 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

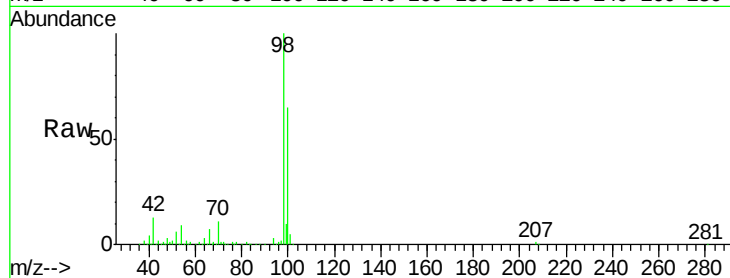
VN0309MBL01

Tgt Ion: 98 Resp: 369053

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

200000

150000

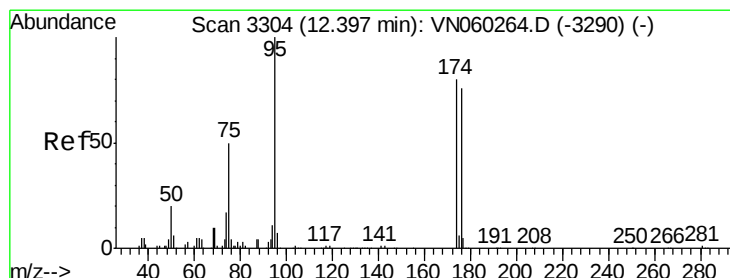
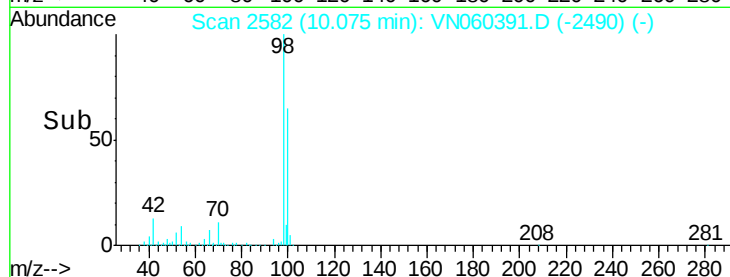
100000

50000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 46.63 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060391.D

Acq: 9 Mar 2020 10:18

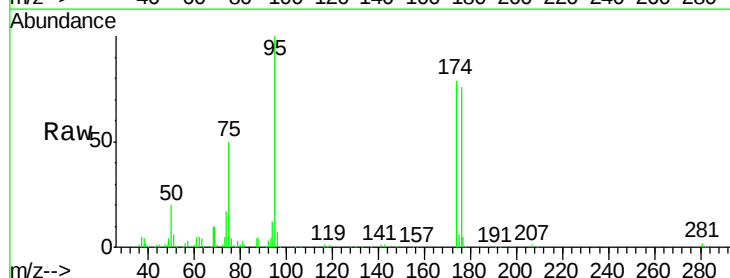
Tgt Ion: 95 Resp: 126620

Ion Ratio Lower Upper

95 100

174 78.5 0.0 159.2

176 76.9 0.0 153.8



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

12.40

100000

80000

60000

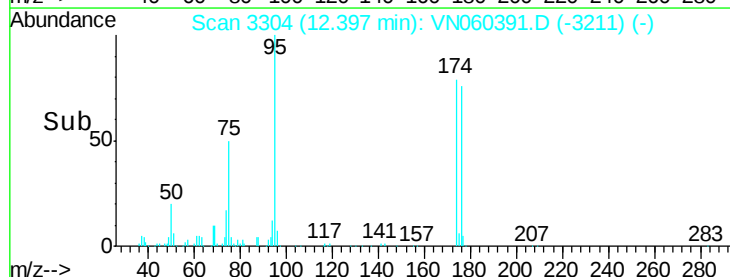
40000

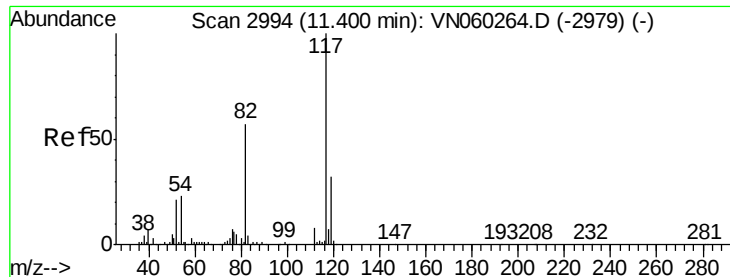
20000

0

Time-->

12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060391.D

Acq: 9 Mar 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0309MBL01

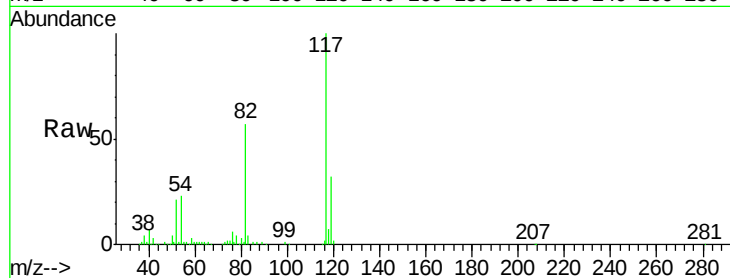
Tgt Ion:117 Resp: 269327

Ion Ratio Lower Upper

117 100

82 56.7 45.8 68.6

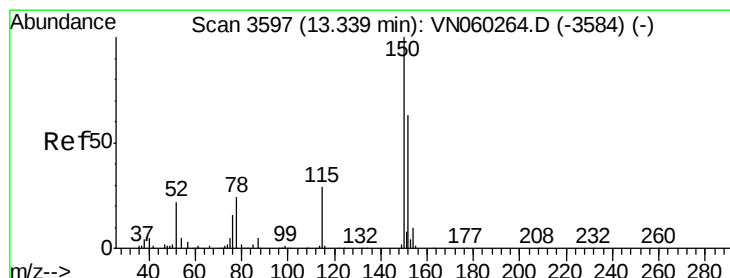
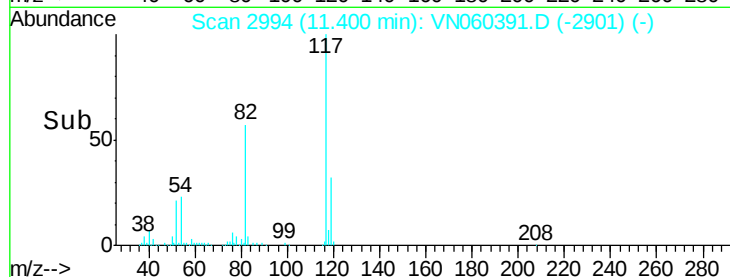
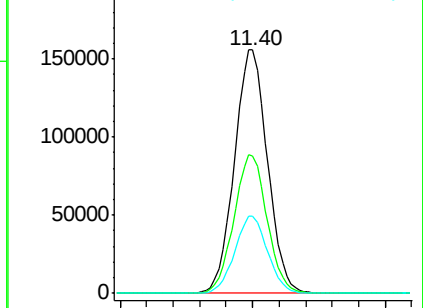
119 31.7 25.8 38.8



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: VN060391.D

Acq: 9 Mar 2020 10:18

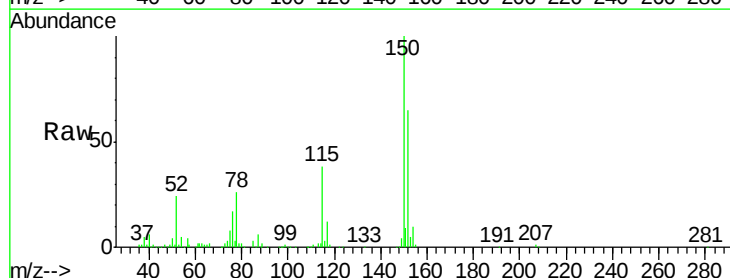
Tgt Ion:152 Resp: 109952

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 154.3 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

