

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031120\
 Data File : VN060461.D
 Acq On : 11 Mar 2020 19:20
 Operator : JC/MD
 Sample : L1887-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-GW

Quant Time: Mar 12 04:57:46 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	201228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	333291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	316733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	132493	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	7.57	113	98787	63.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.72%	
50) Toluene-d8	10.08	98	411820	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.40	95	154284	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

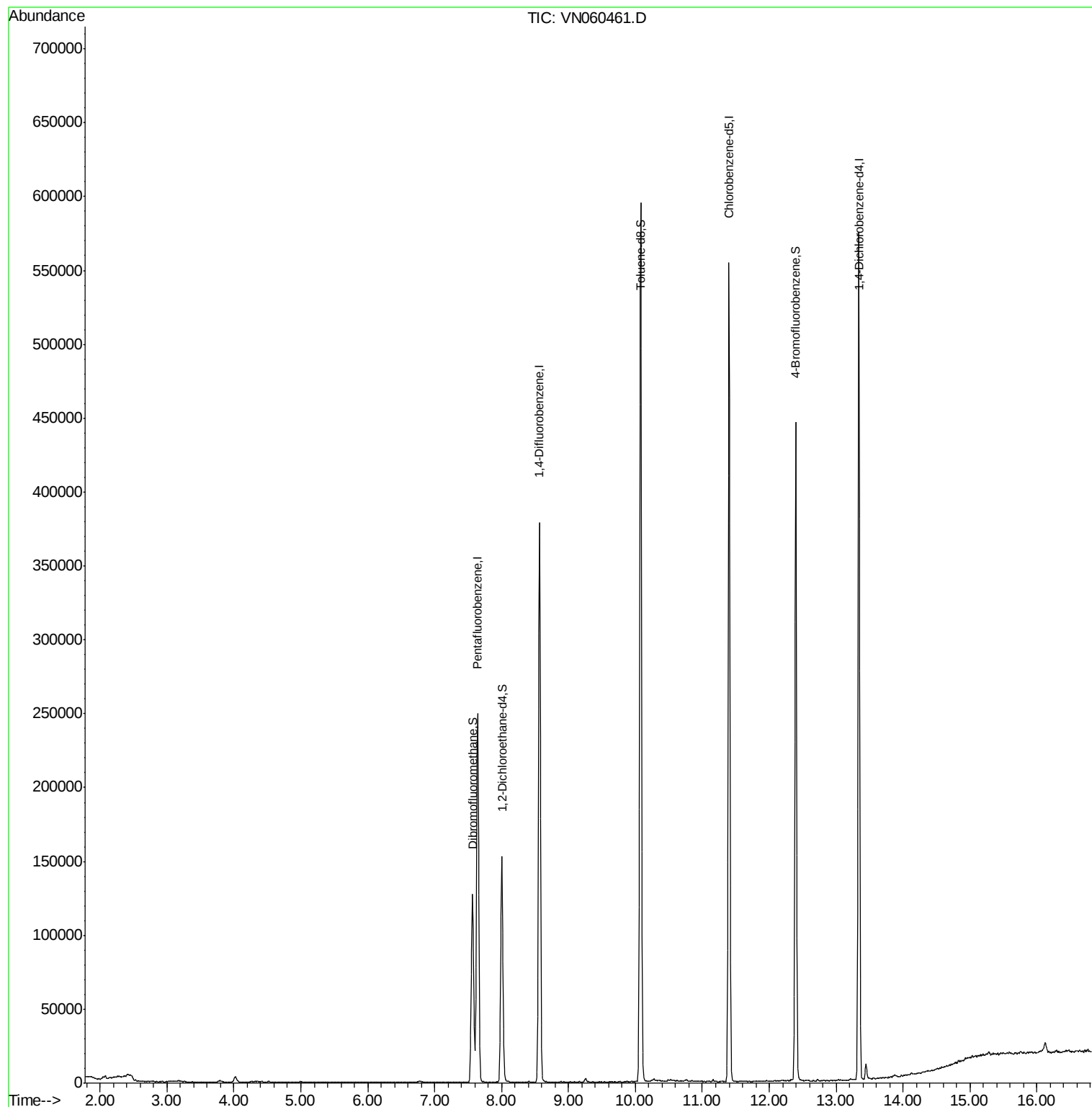
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060461.D

Acq: 11 Mar 2020 19:20

Instrument :

MSVOA_N

ClientSampleId :

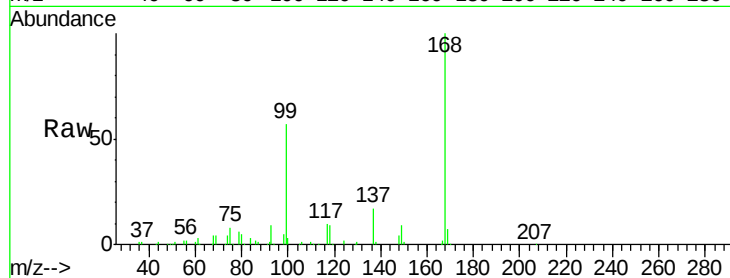
CL-GW

Tot Ion:168 Resp: 201228

Ion Ratio Lower Upper

168 100

99 57.5 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

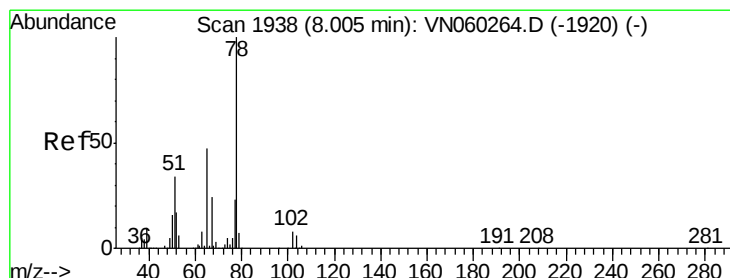
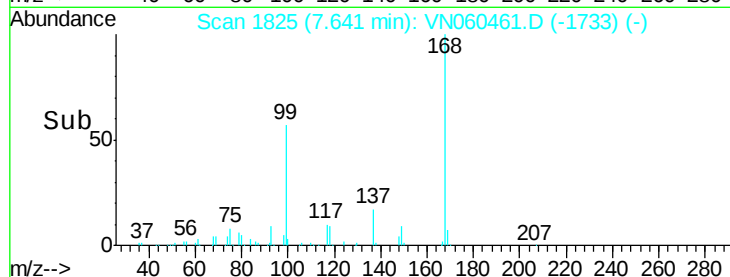
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 51.318 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060461.D

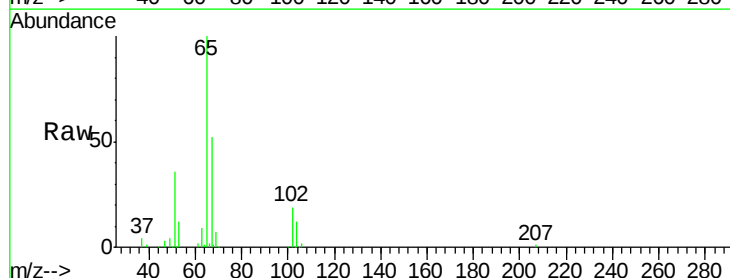
Acq: 11 Mar 2020 19:20

Tgt Ion: 65 Resp: 132493

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.00

60000

50000

40000

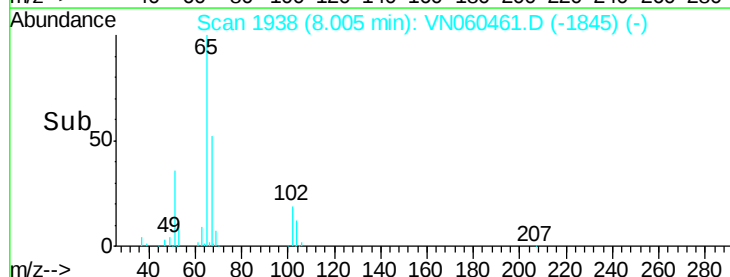
30000

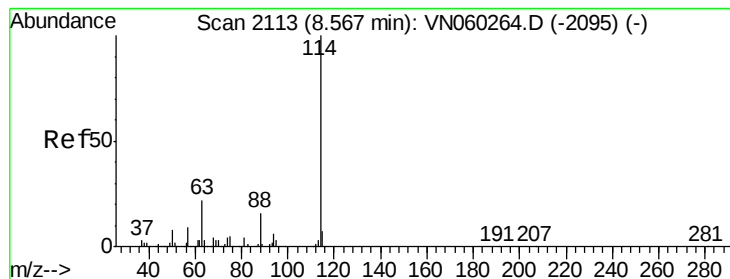
20000

10000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060461.D

Acq: 11 Mar 2020 19:20

Instrument :

MSVOA_N

ClientSampleId :

CL-GW

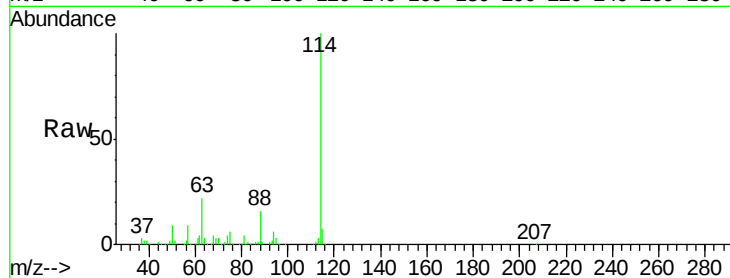
Tot Ion:114 Resp: 333291

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

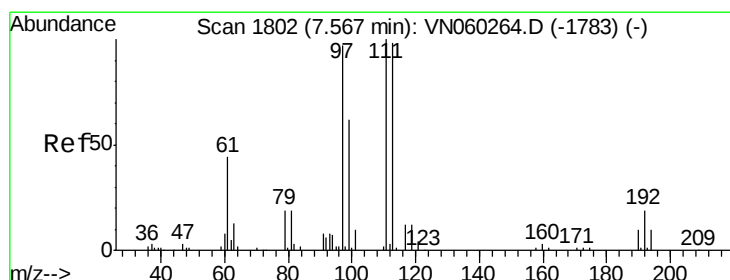
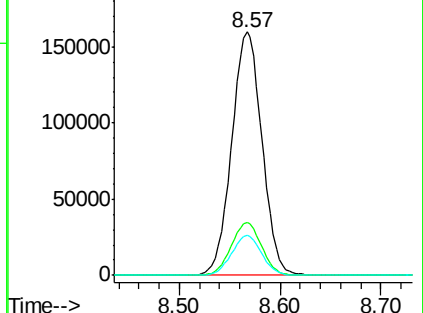
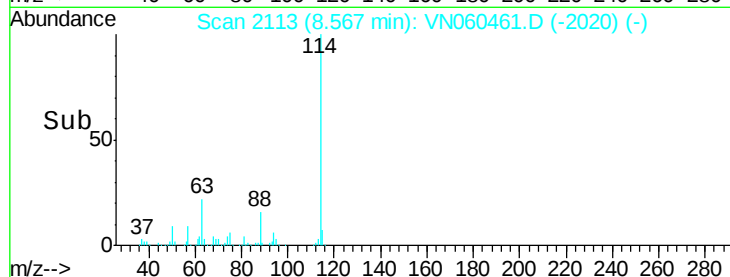
88 16.3 0.0 31.6



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: 63.856 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN060461.D

Acq: 11 Mar 2020 19:20

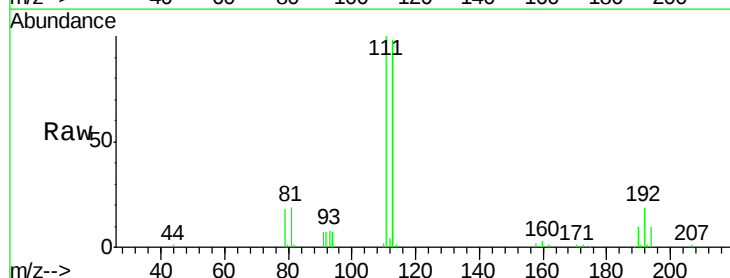
Tgt Ion:113 Resp: 98787

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

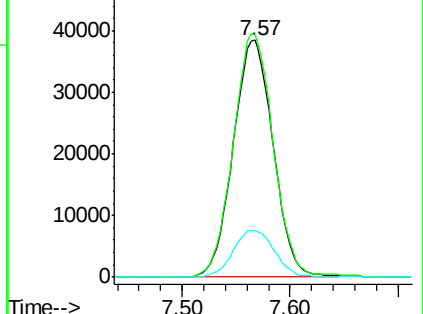
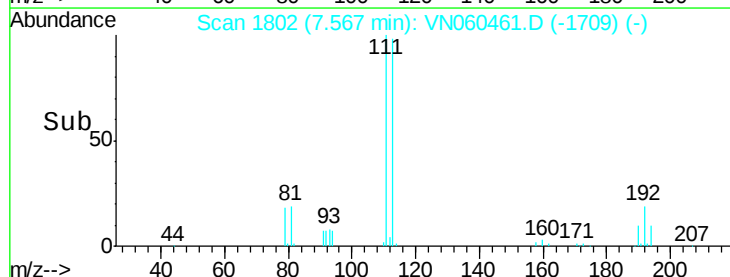
192 20.2 16.2 24.2

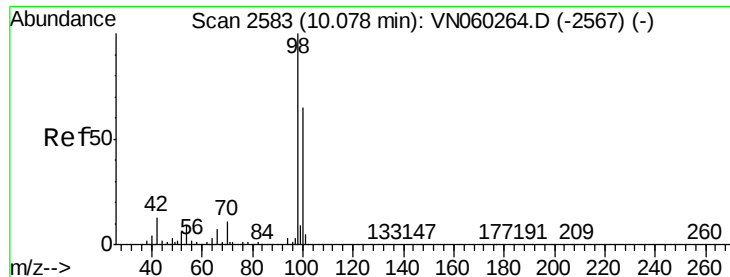


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.597 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060461.D

Acq: 11 Mar 2020 19:20

Instrument :

MSVOA_N

ClientSampled :

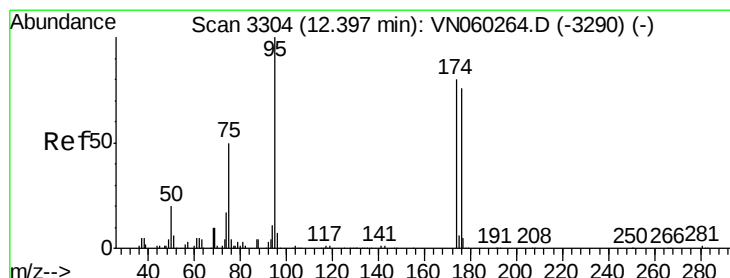
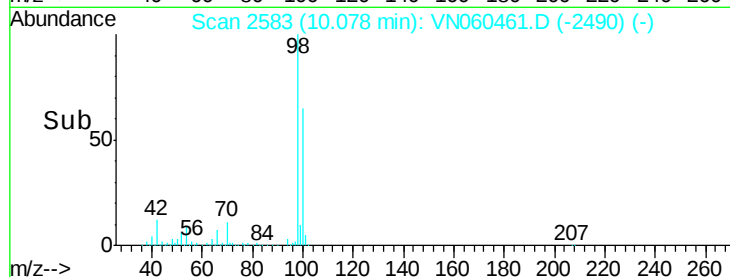
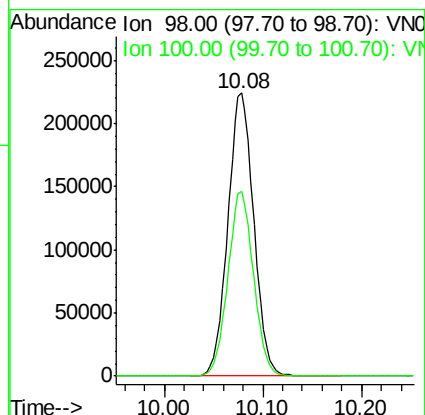
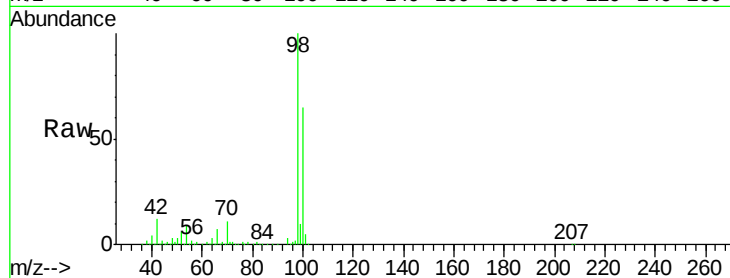
CL-GW

Tot Ion: 98 Resp: 411820

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 51.982 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060461.D

Acq: 11 Mar 2020 19:20

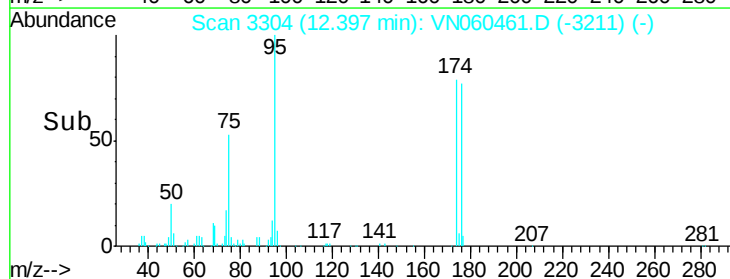
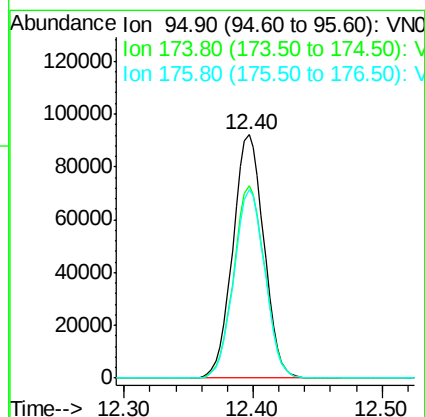
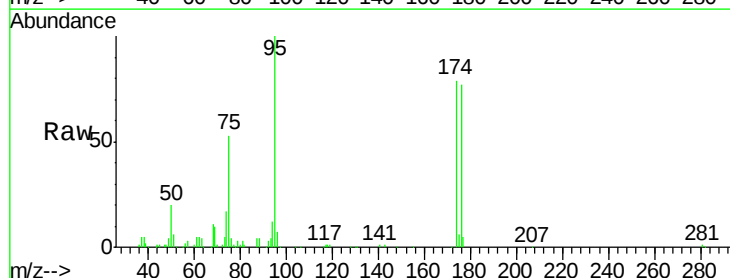
Tgt Ion: 95 Resp: 154284

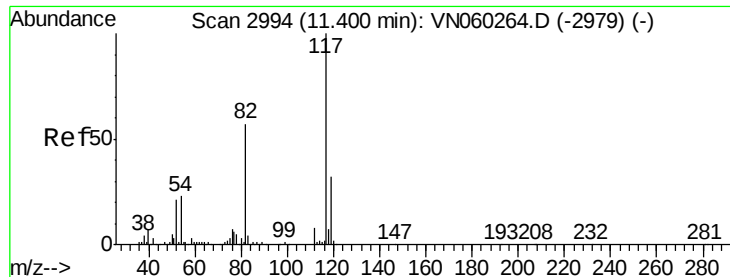
Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.2

176 77.2 0.0 153.8

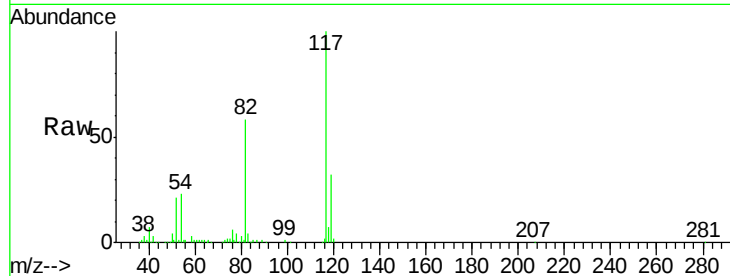




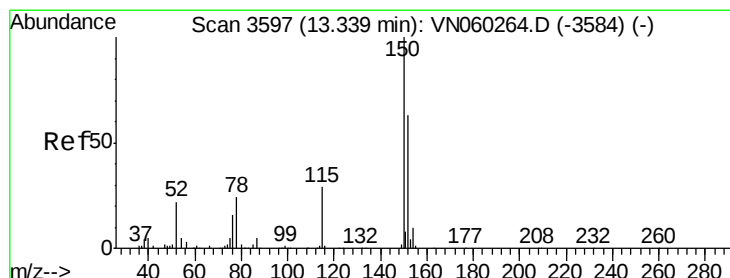
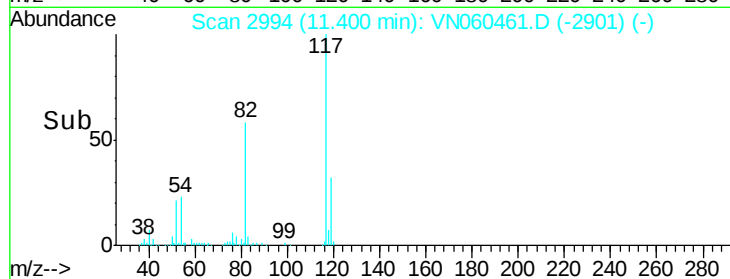
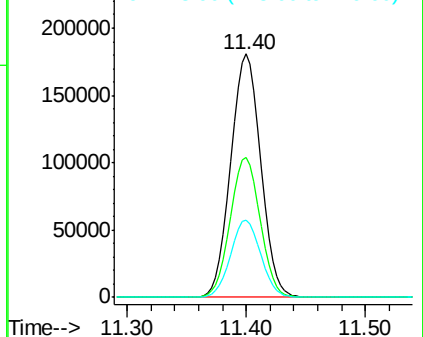
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060461.D
Acq: 11 Mar 2020 19:20

Instrument :
MSVOA_N
ClientSampled :
CL-GW

Tot Ion:117 Resp: 316733
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.6
119 31.9 25.8 38.8

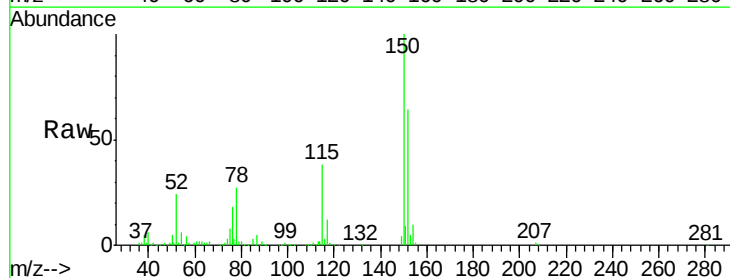


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060461.D
Acq: 11 Mar 2020 19:20

Tgt Ion:152 Resp: 147789
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 157.0 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

