

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059770.D
 Acq On : 17 Jan 2020 18:52
 Operator : JC/MD
 Sample : L1184-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-594-(SETTLED)

Quant Time: Jan 18 01:57:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	294428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	259982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	107996	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	103300	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
35) Dibromofluoromethane	7.57	113	90775	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.08	98	344707	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.40	95	115304	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

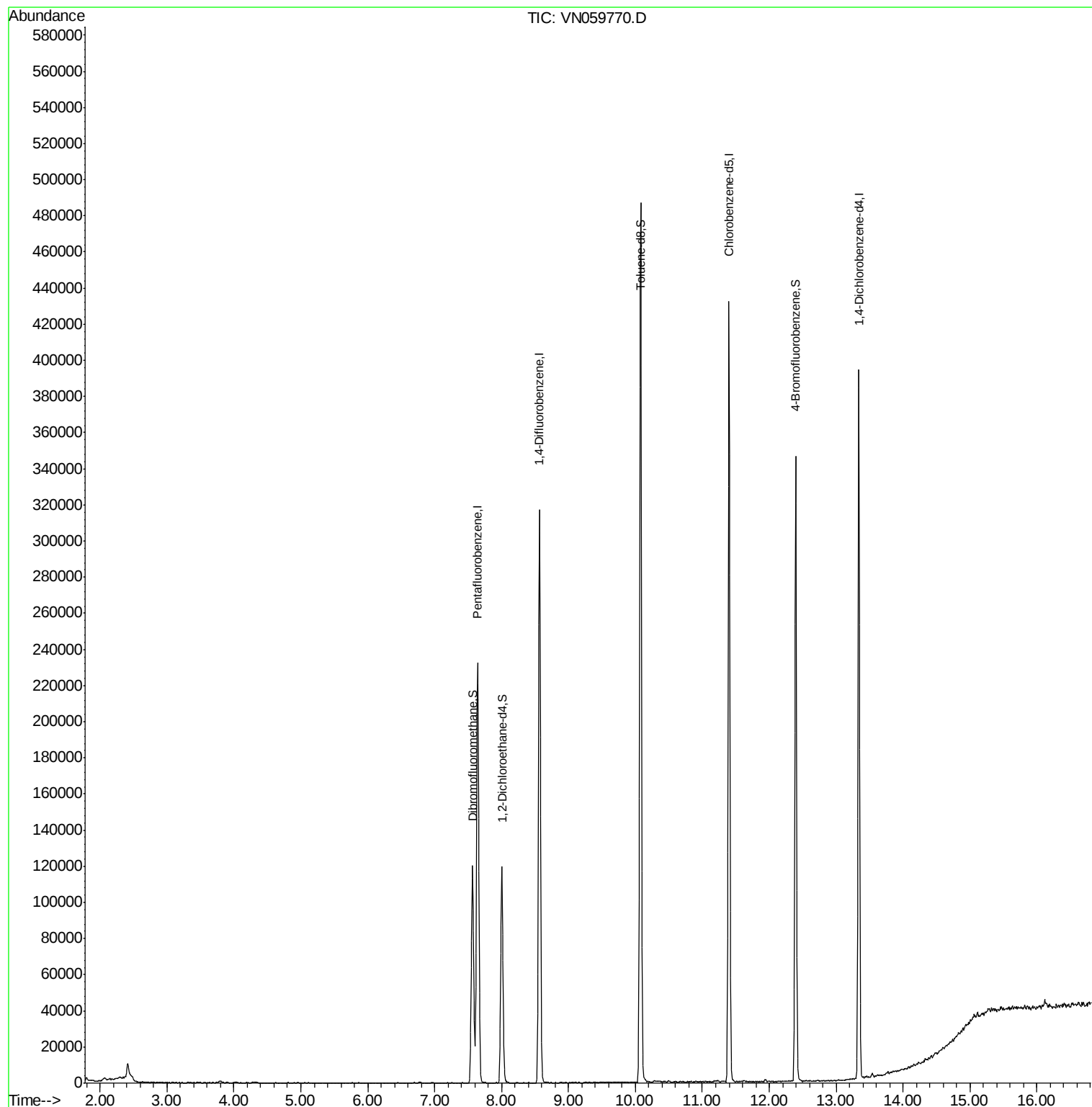
Target Compounds	Qvalue
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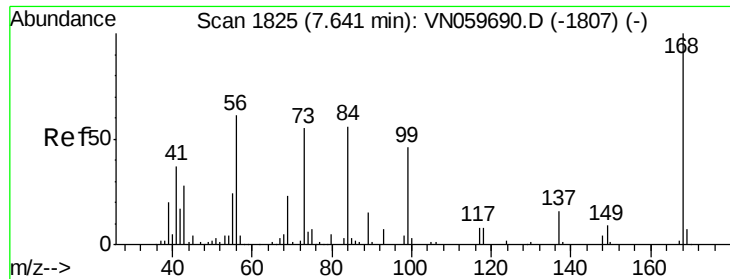
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059770.D

Acq: 17 Jan 2020 18:52

Instrument :

MSVOA_N

ClientSampleId :

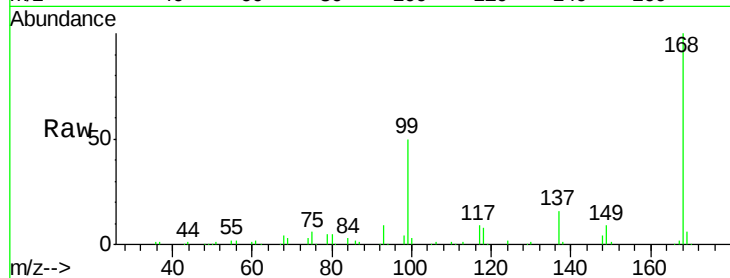
CBH-594-(SETTLED)

Tot Ion:168 Resp: 199453

Ion Ratio Lower Upper

168 100

99 50.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

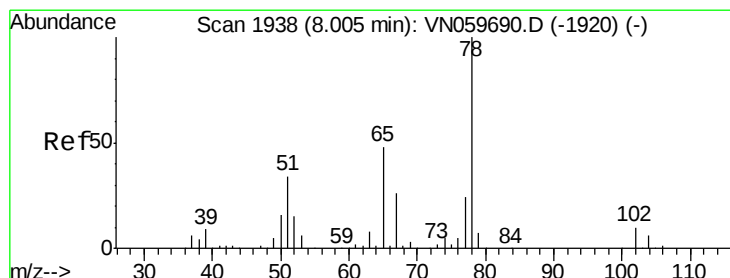
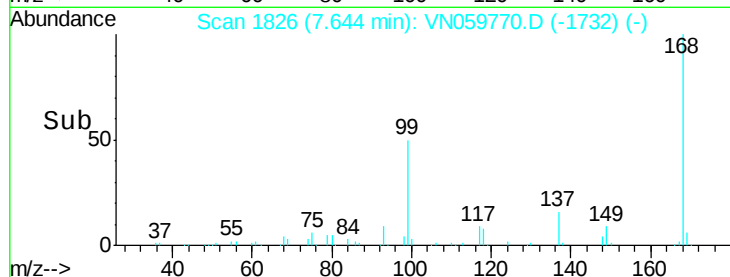
40000

20000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.637 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059770.D

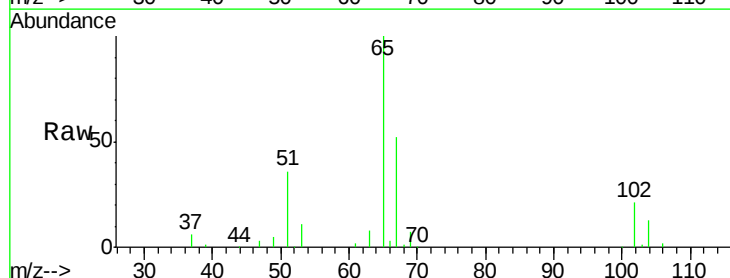
Acq: 17 Jan 2020 18:52

Tgt Ion: 65 Resp: 103300

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.00

50000

40000

30000

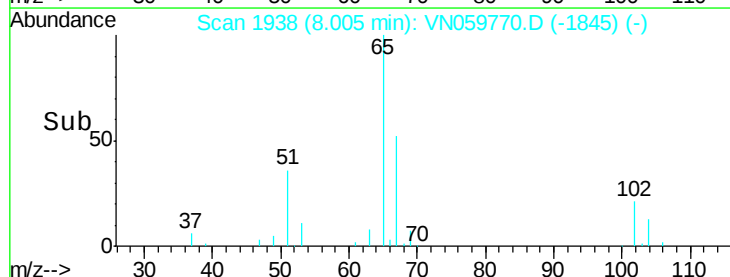
20000

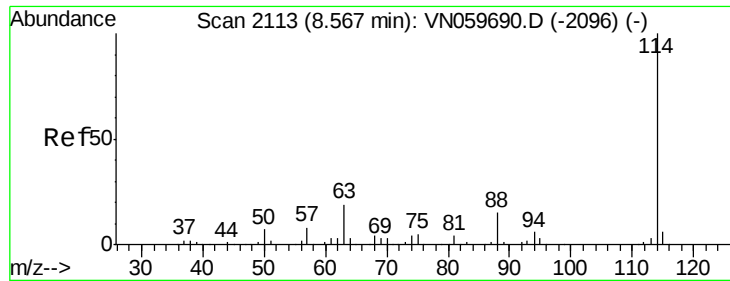
10000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059770.D

Acq: 17 Jan 2020 18:52

Instrument :

MSVOA_N

ClientSampleId :

CBH-594-(SETTLED)

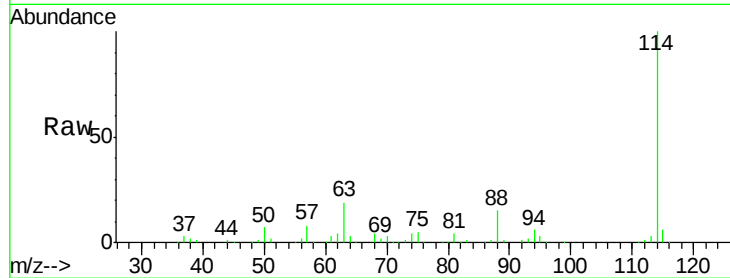
Tot Ion:114 Resp: 294428

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.6

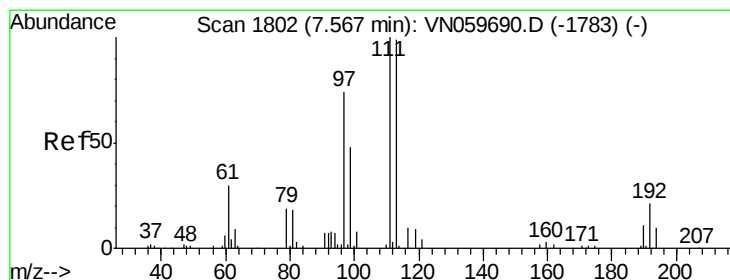
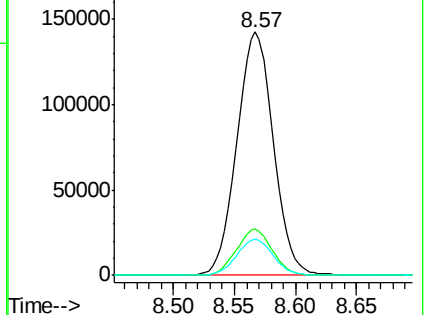
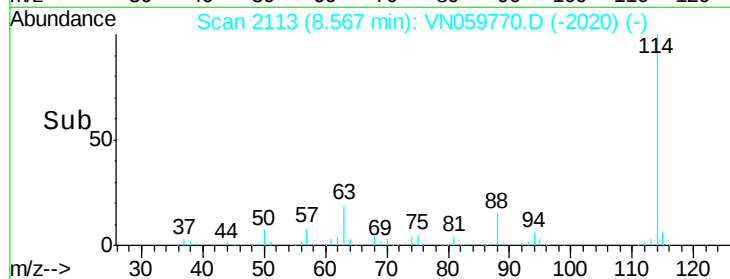
88 14.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 51.700 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059770.D

Acq: 17 Jan 2020 18:52

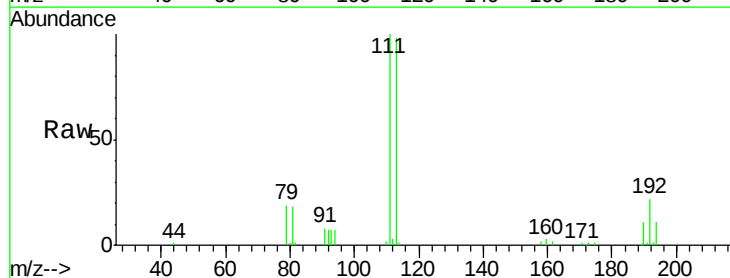
Tgt Ion:113 Resp: 90775

Ion Ratio Lower Upper

113 100

111 102.2 83.5 125.3

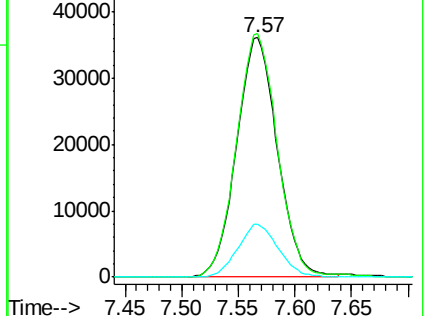
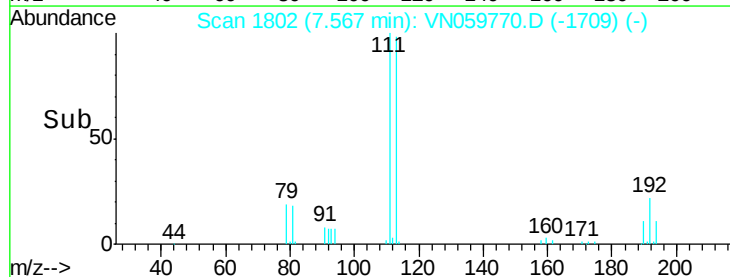
192 21.8 15.4 23.2

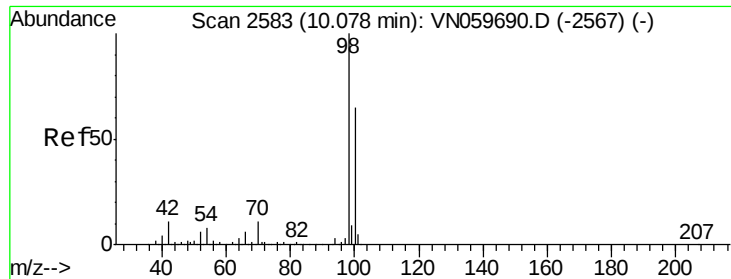


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.671 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059770.D

Acq: 17 Jan 2020 18:52

Instrument :

MSVOA_N

ClientSampleId :

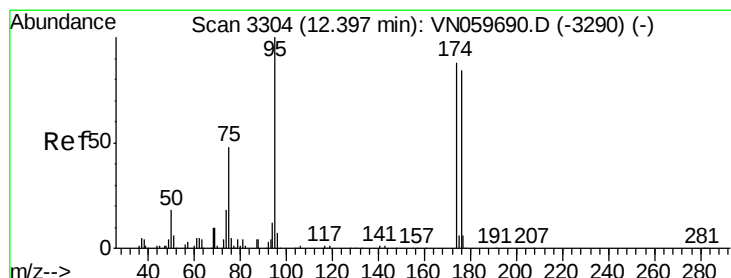
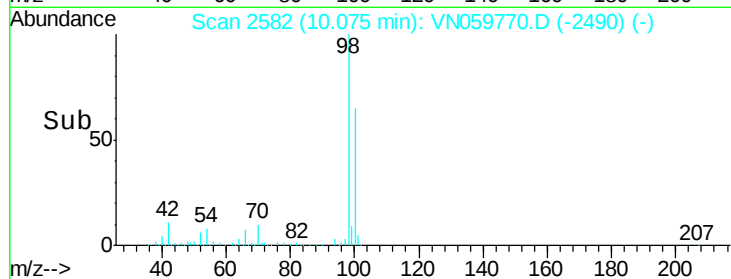
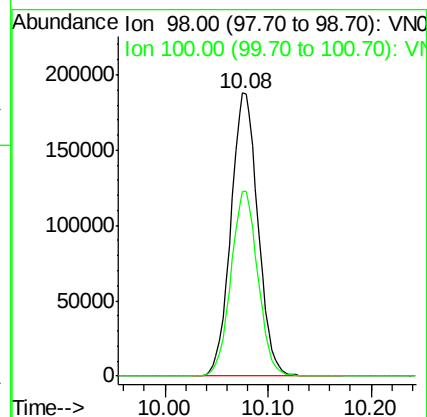
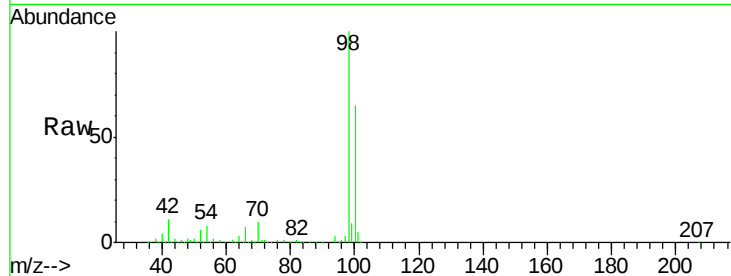
CBH-594-(SETTLED)

Tot Ion: 98 Resp: 344707

Ion Ratio Lower Upper

98 100

100 64.9 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.016 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059770.D

Acq: 17 Jan 2020 18:52

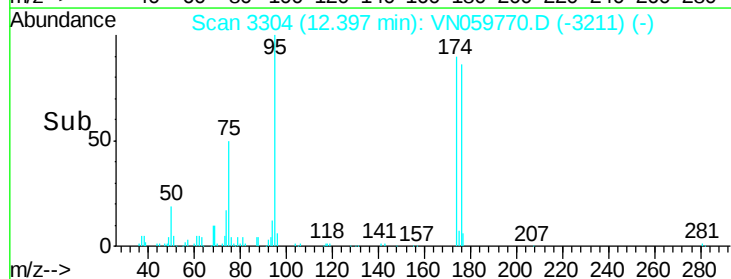
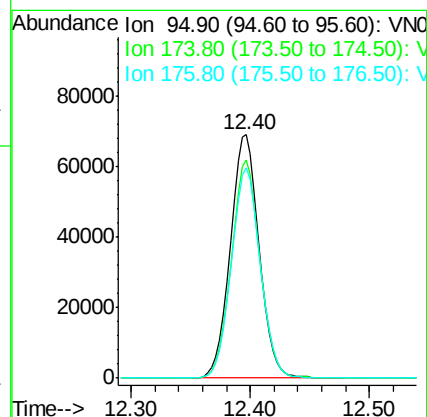
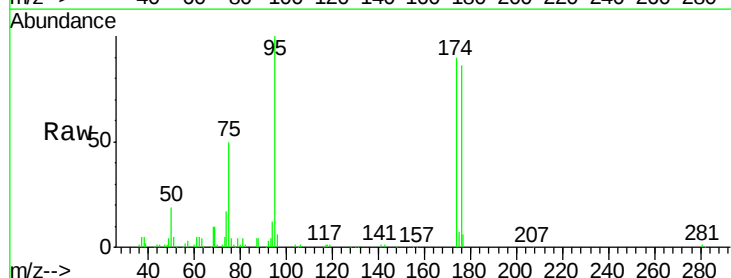
Tgt Ion: 95 Resp: 115304

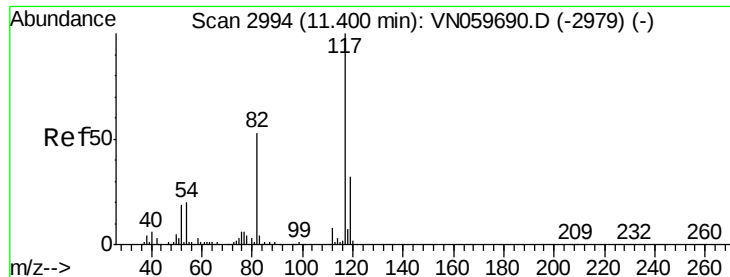
Ion Ratio Lower Upper

95 100

174 88.8 0.0 151.4

176 86.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059770.D

Acq: 17 Jan 2020 18:52

Instrument :

MSVOA_N

ClientSampleId :

CBH-594-(SETTLED)

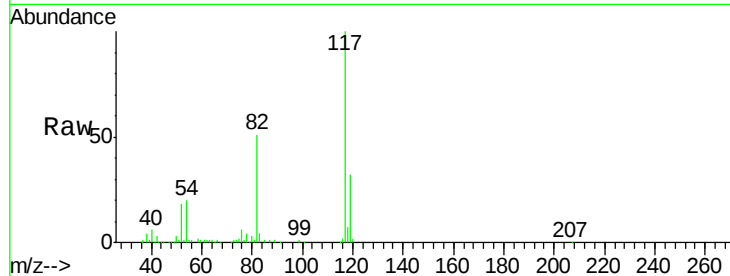
Tot Ion:117 Resp: 259982

Ion Ratio Lower Upper

117 100

82 51.3 45.9 68.9

119 32.2 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

11.40

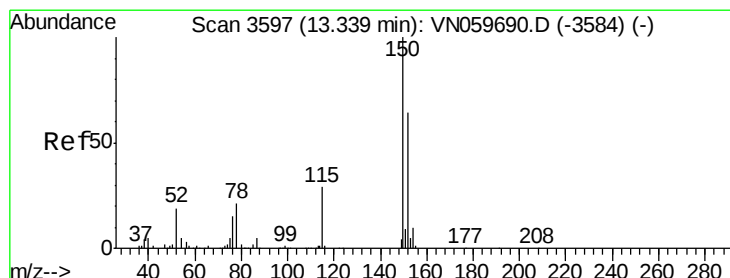
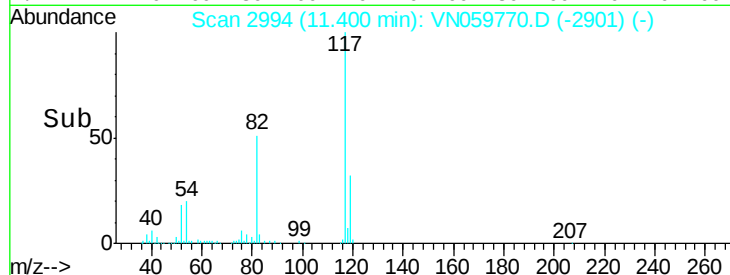
150000

100000

50000

0

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059770.D

Acq: 17 Jan 2020 18:52

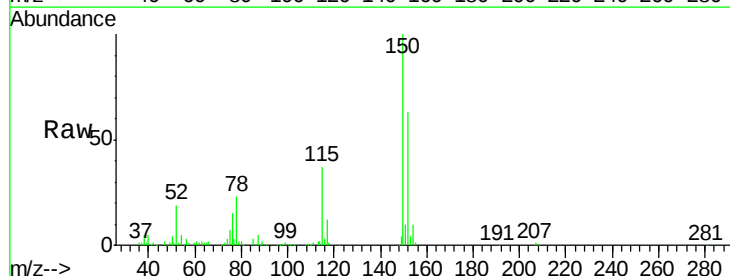
Tgt Ion:152 Resp: 107996

Ion Ratio Lower Upper

152 100

115 58.2 30.3 90.9

150 157.8 0.0 345.2



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

13.34

100000

50000

0

Time--> 13.30 13.40

