

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059772.D
 Acq On : 17 Jan 2020 19:39
 Operator : JC/MD
 Sample : L1184-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-591-(SETTLED)

Quant Time: Jan 20 05:57:50 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	186462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	279786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	239093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	96347	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97539	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
35) Dibromofluoromethane	7.57	113	85318	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	10.08	98	322983	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	103370	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	

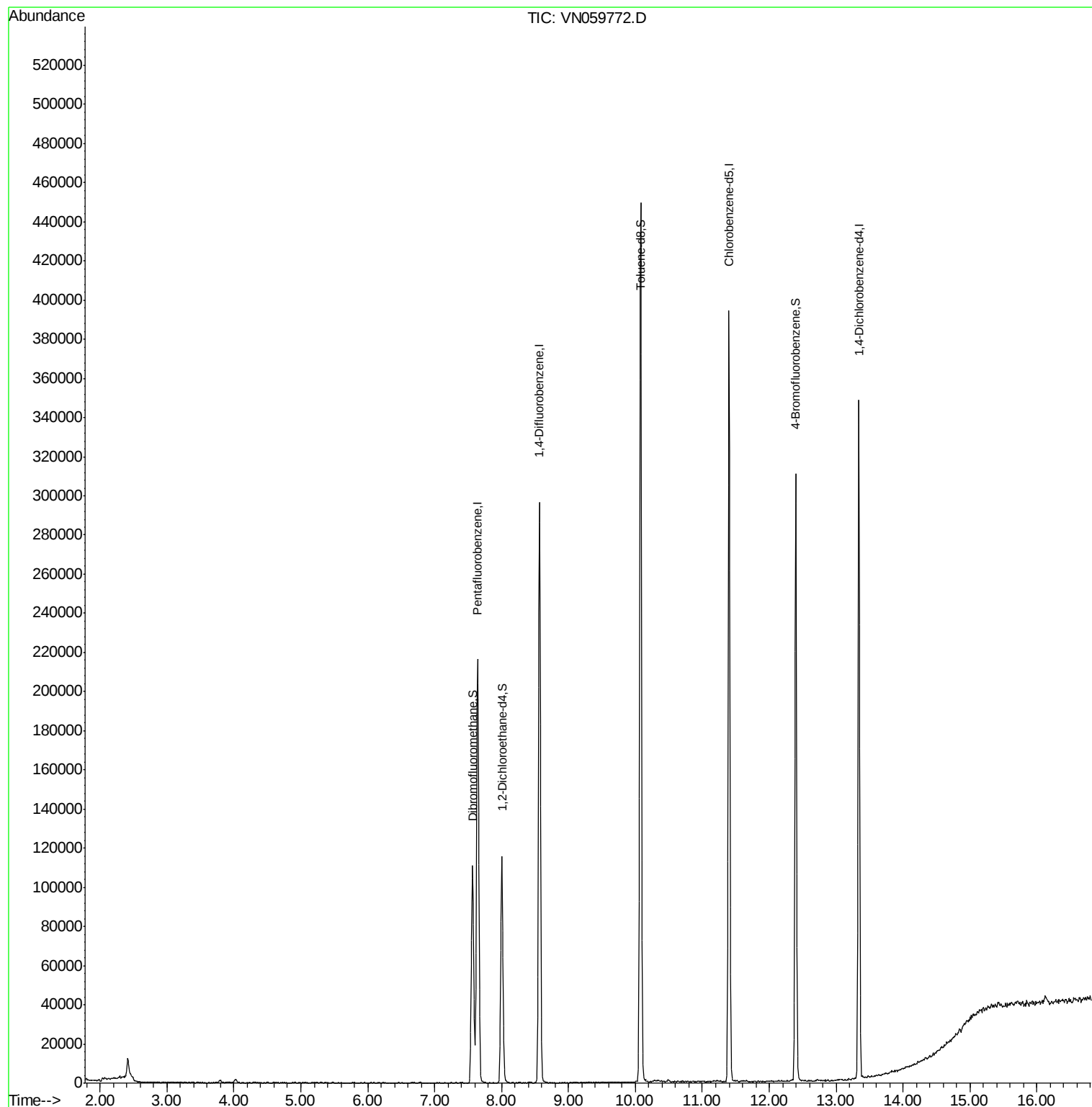
Target Compounds	Qvalue

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011720\
Data File : VN059772.D
Acq On : 17 Jan 2020 19:39
Operator : JC/MD
Sample : L1184-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CBH-591-(SETTLED)

Quant Time: Jan 20 05:57:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059772.D

Acq: 17 Jan 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

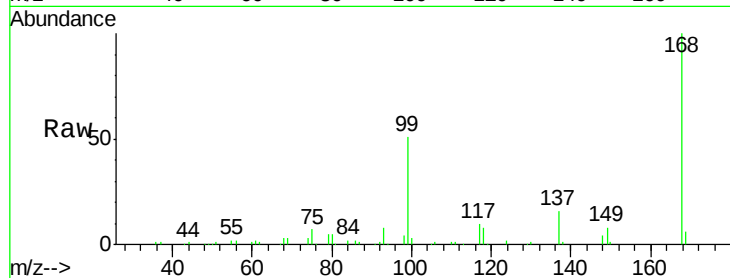
CBH-591-(SETTLED)

Tot Ion:168 Resp: 186462

Ion Ratio Lower Upper

168 100

99 51.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059690.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059690.D (-1807) (-)

7.64

80000

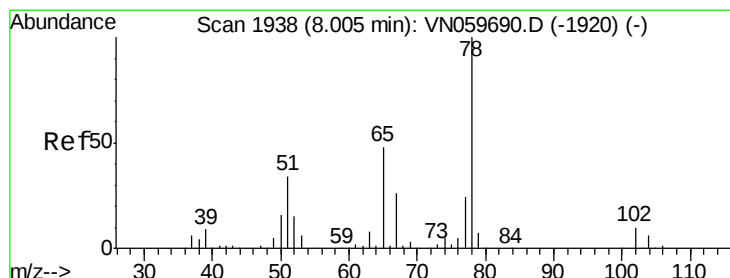
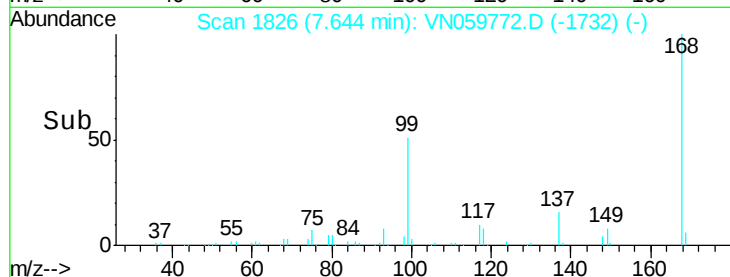
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 47.104 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059772.D

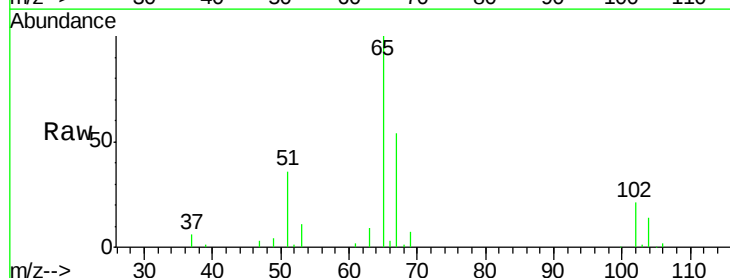
Acq: 17 Jan 2020 19:39

Tgt Ion: 65 Resp: 97539

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059690.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN059690.D (-1920) (-)

8.00

50000

40000

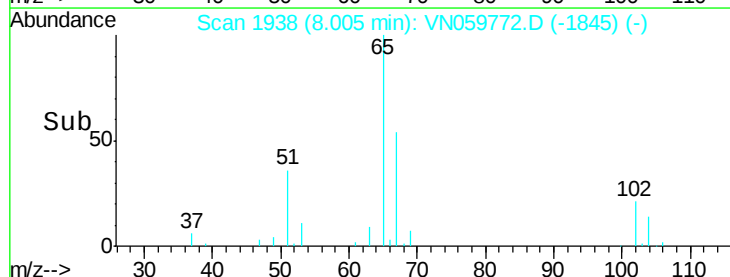
30000

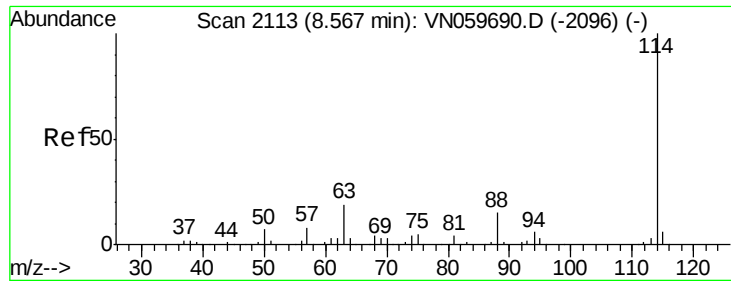
20000

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: VN059772.D

Acq: 17 Jan 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

CBH-591-(SETTLED)

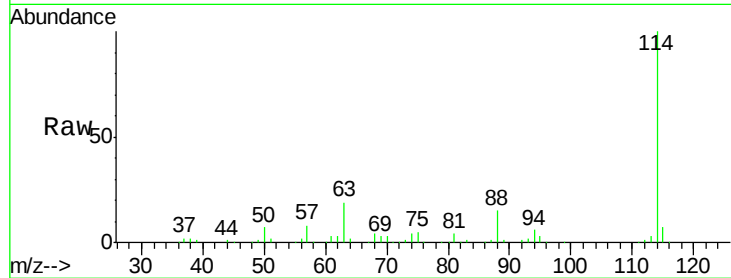
Tot Ion:114 Resp: 279786

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.6

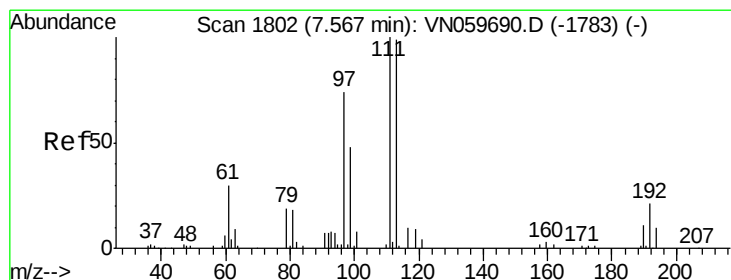
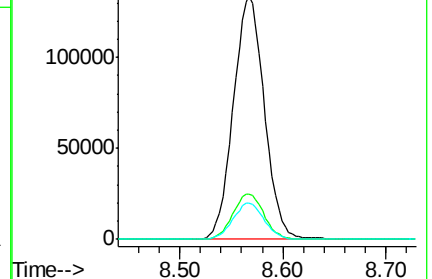
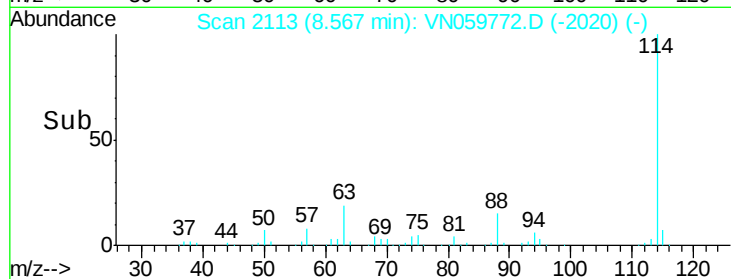
88 15.0 0.0 31.4



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: 51.135 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059772.D

Acq: 17 Jan 2020 19:39

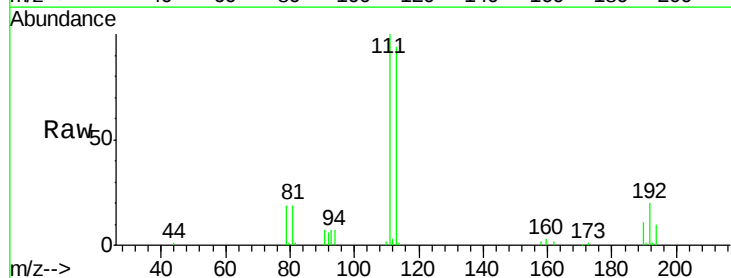
Tgt Ion:113 Resp: 85318

Ion Ratio Lower Upper

113 100

111 102.8 83.5 125.3

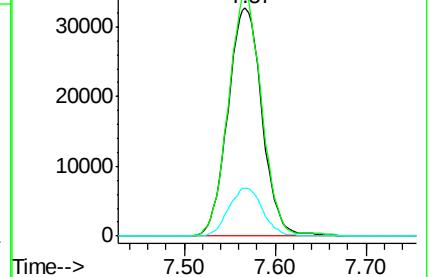
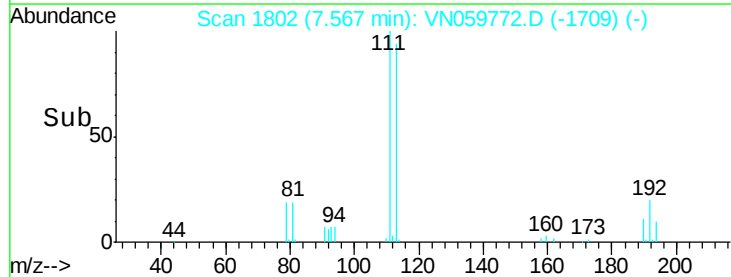
192 20.8 15.4 23.2

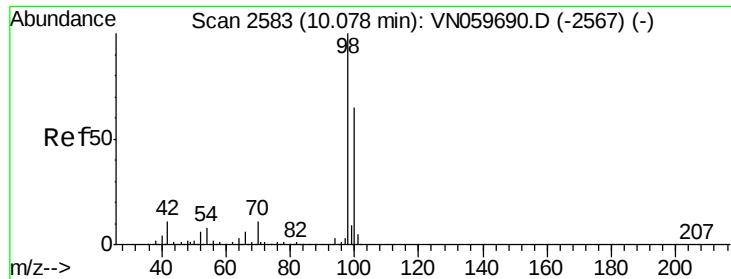


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.962 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059772.D

Acq: 17 Jan 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

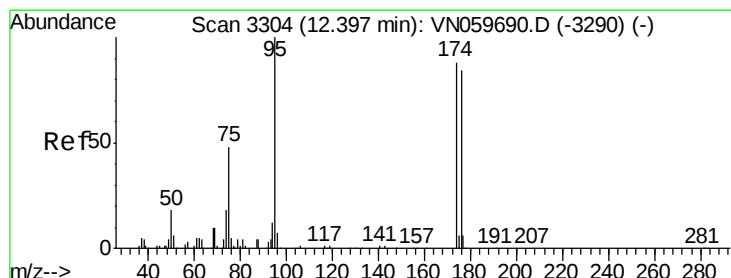
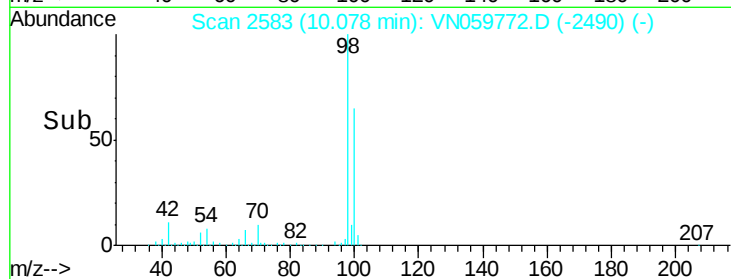
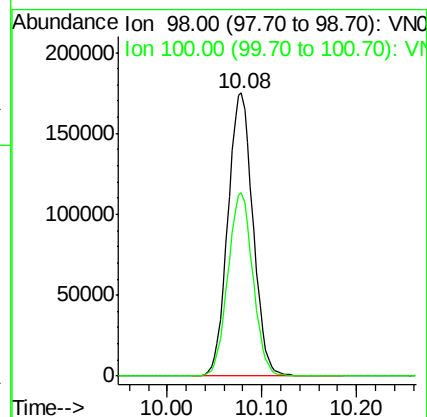
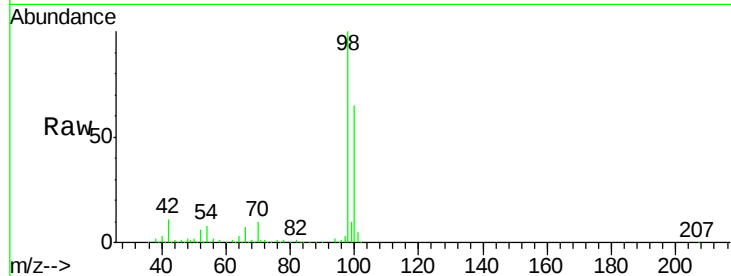
CBH-591-(SETTLED)

Tot Ion: 98 Resp: 322983

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.356 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059772.D

Acq: 17 Jan 2020 19:39

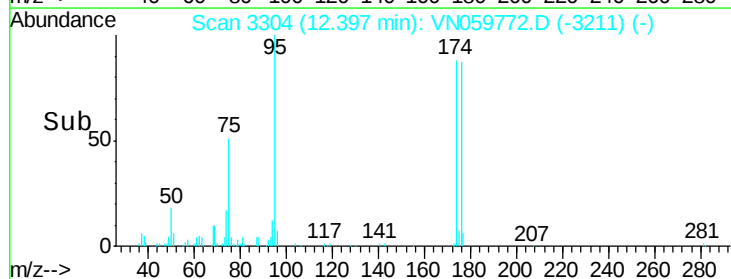
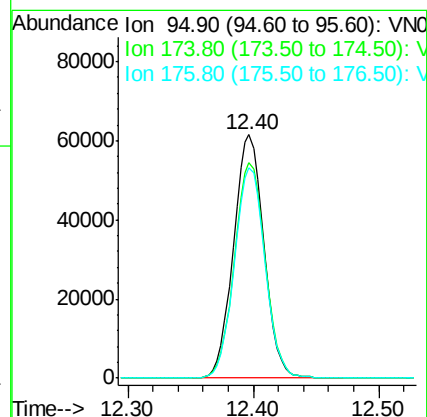
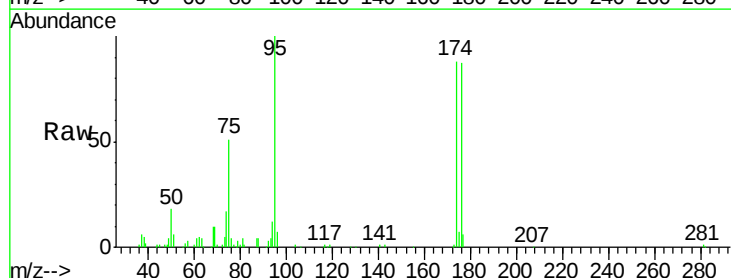
Tgt Ion: 95 Resp: 103370

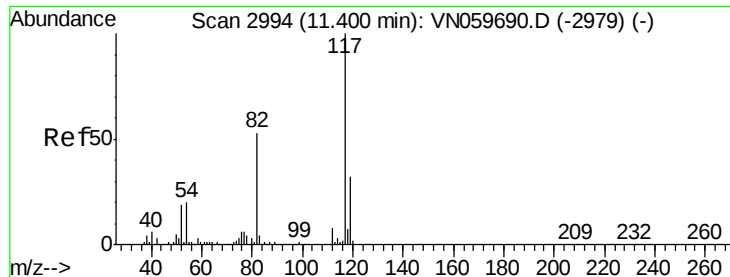
Ion Ratio Lower Upper

95 100

174 89.9 0.0 151.4

176 87.4 0.0 146.0

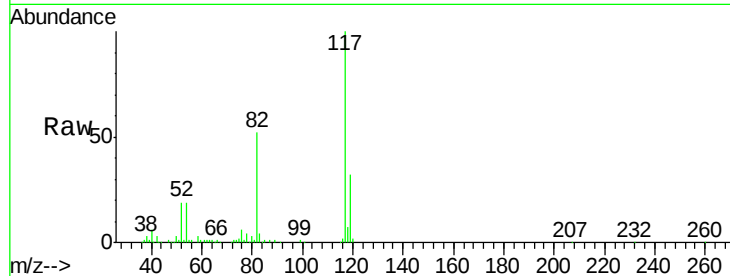




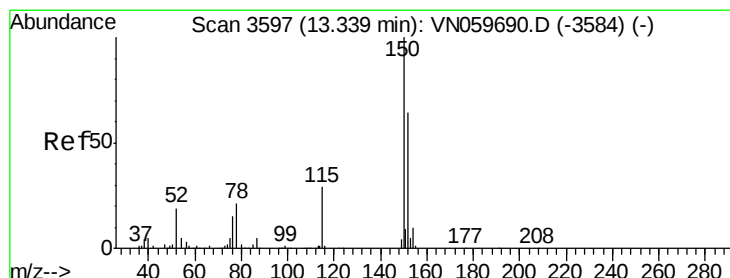
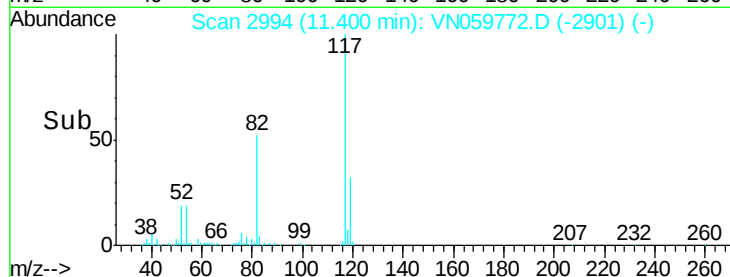
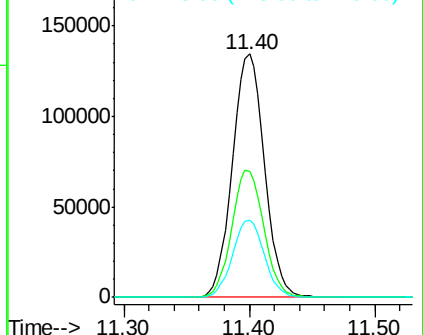
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059772.D
Acq: 17 Jan 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
CBH-591-(SETTLED)

Tot Ion:117 Resp: 239093
Ion Ratio Lower Upper
117 100
82 51.7 45.9 68.9
119 31.7 25.5 38.3

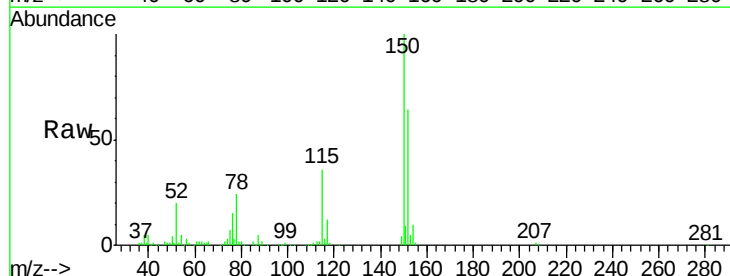


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059772.D
Acq: 17 Jan 2020 19:39

Tgt Ion:152 Resp: 96347
Ion Ratio Lower Upper
152 100
115 57.3 30.3 90.9
150 156.2 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

