

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091219\
 Data File : VN057950.D
 Acq On : 12 Sep 2019 1:19
 Operator : JC/SP
 Sample : K4848-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-139-D

Quant Time: Sep 12 03:59:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	279243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	467209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	425341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216473	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	311012	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	
35) Dibromofluoromethane	7.58	113	213114	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.09	98	840225	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.41	95	274870	43.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.16%	

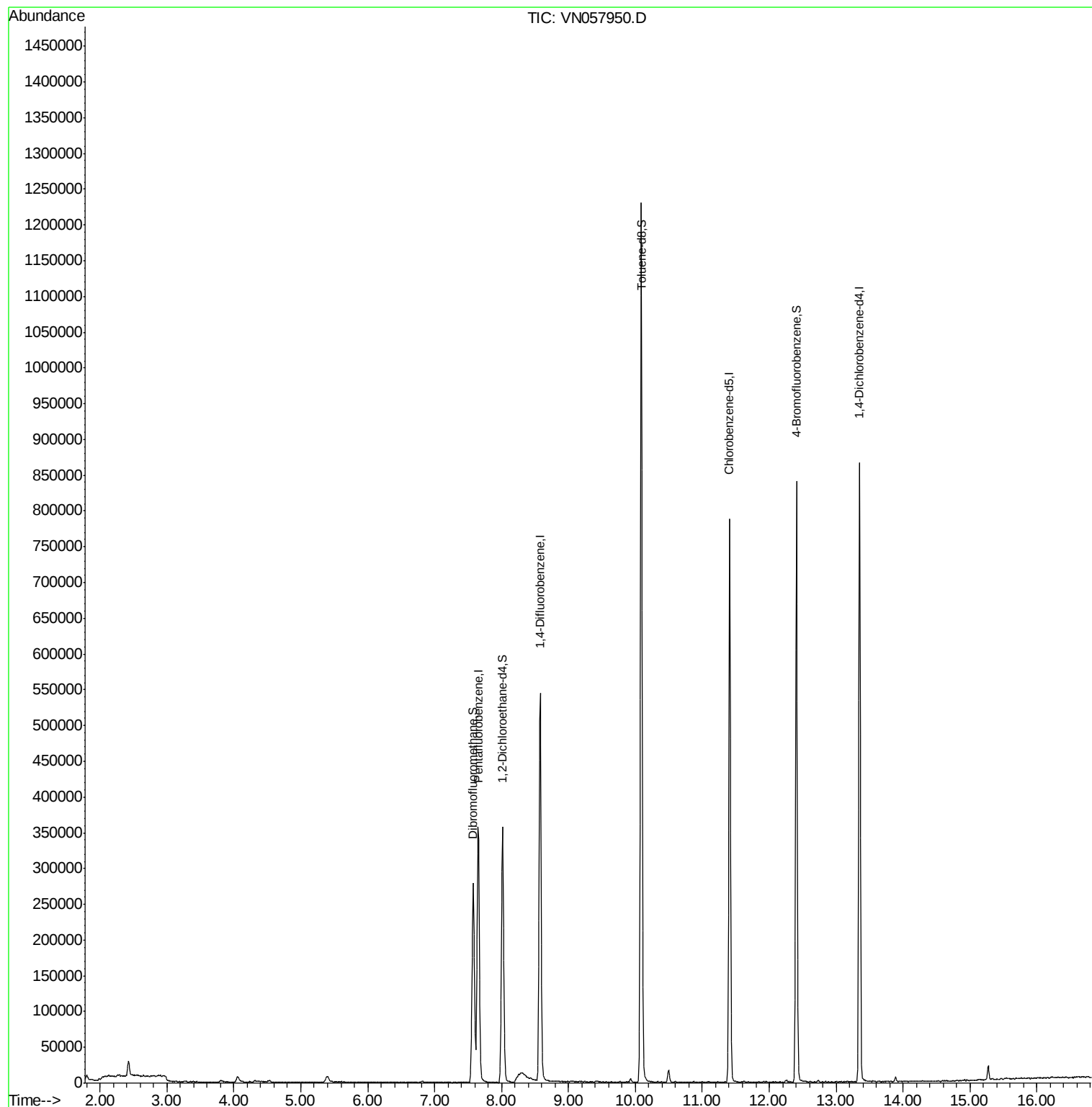
Target Compounds	Qvalue

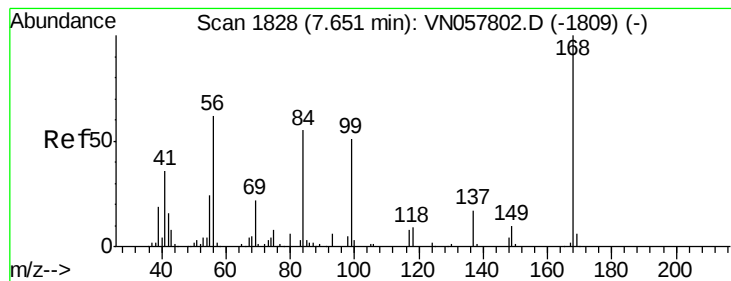
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057950.D

Acq: 12 Sep 2019 1:19

Instrument :

MSVOA_N

ClientSampleId :

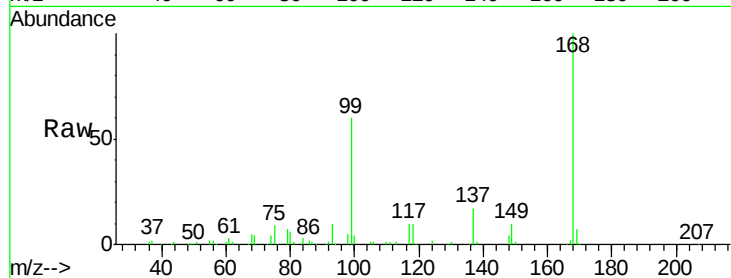
CBH-139-D

Tot Ion:168 Resp: 279243

Ion Ratio Lower Upper

168 100

99 60.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

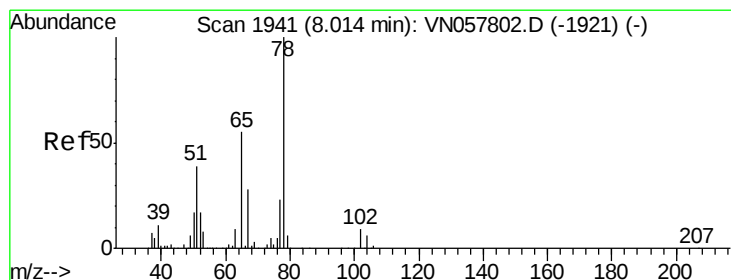
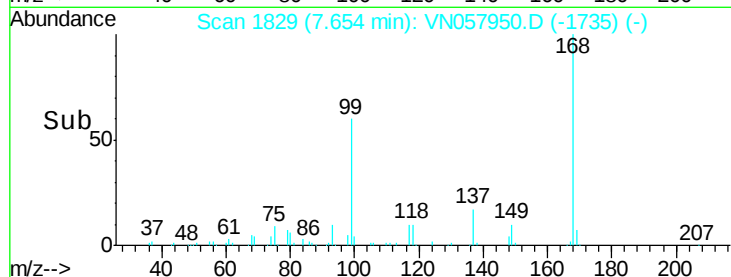
7.65

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.989 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057950.D

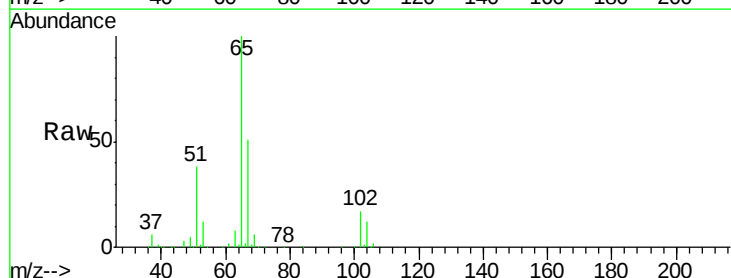
Acq: 12 Sep 2019 1:19

Tgt Ion: 65 Resp: 311012

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057802.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057802.D (-1921) (-)

8.01

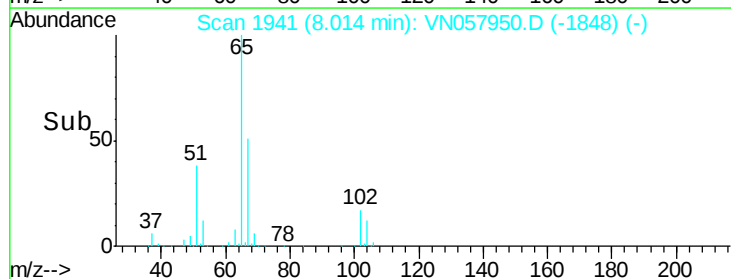
150000

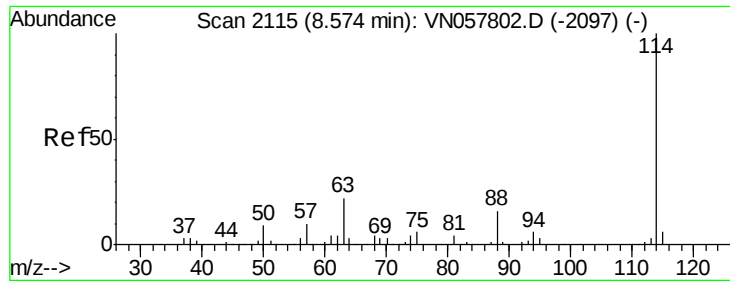
100000

50000

0

Time-->

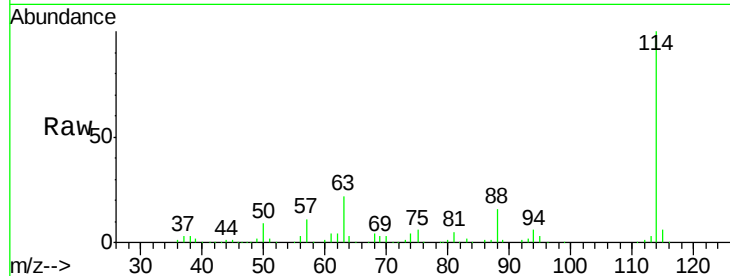




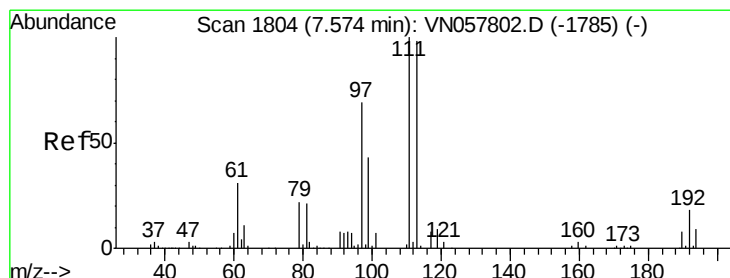
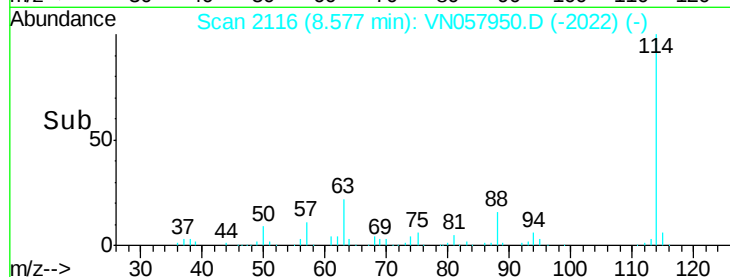
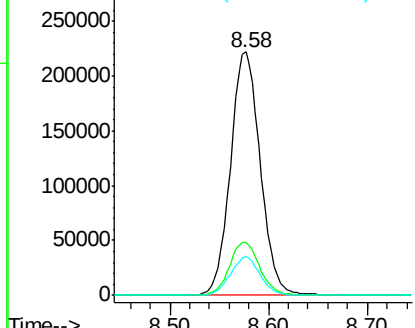
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057950.D
 Acq: 12 Sep 2019 1:19

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-139-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.0
88	15.8	0.0	31.4

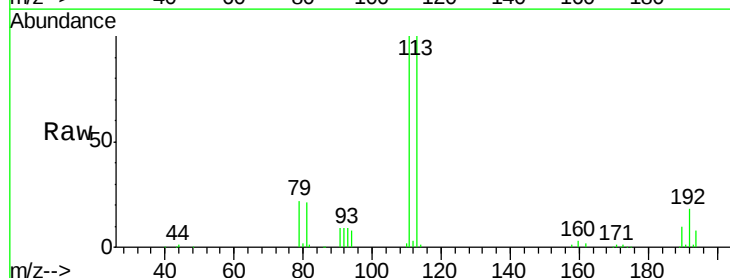


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

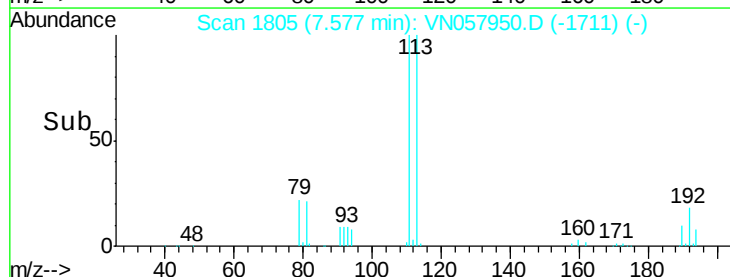
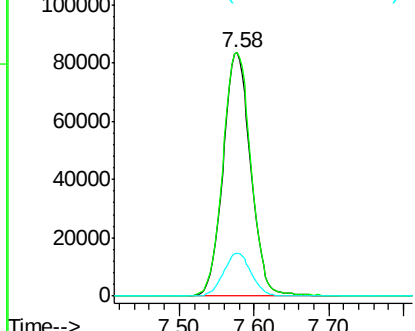


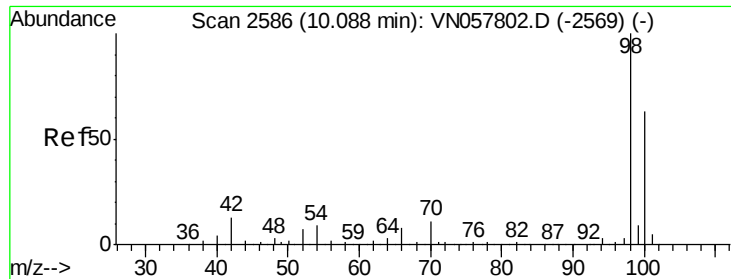
#35
 Dibromofluoromethane
 Concen: 49.422 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057950.D
 Acq: 12 Sep 2019 1:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.3	121.9
192	17.7	14.6	22.0



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: 50.186 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057950.D

Acq: 12 Sep 2019 1:19

Instrument :

MSVOA_N

ClientSampled :

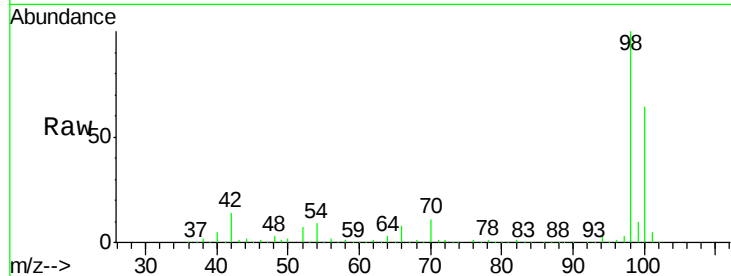
CBH-139-D

Tot Ion: 98 Resp: 840225

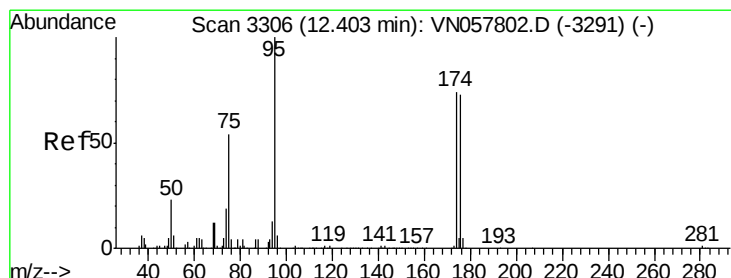
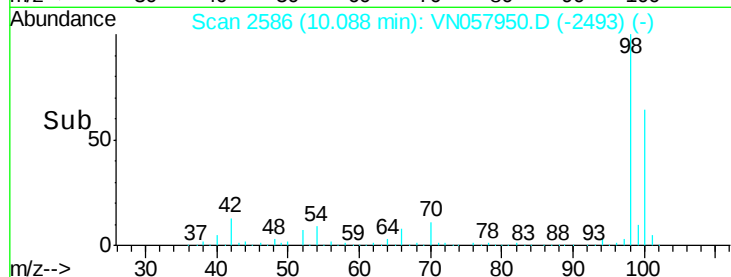
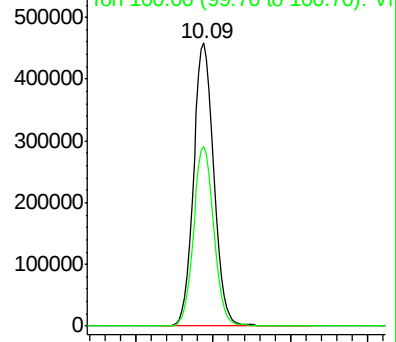
Ion Ratio Lower Upper

98 100

100 63.4 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 43.082 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057950.D

Acq: 12 Sep 2019 1:19

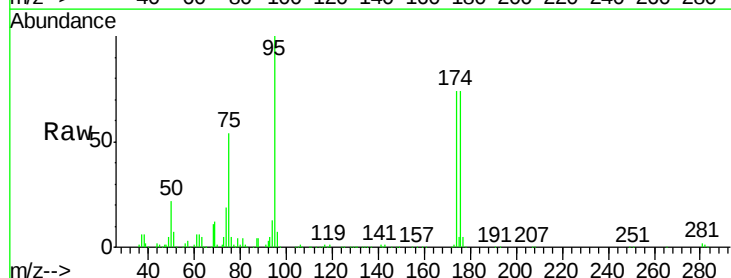
Tgt Ion: 95 Resp: 274870

Ion Ratio Lower Upper

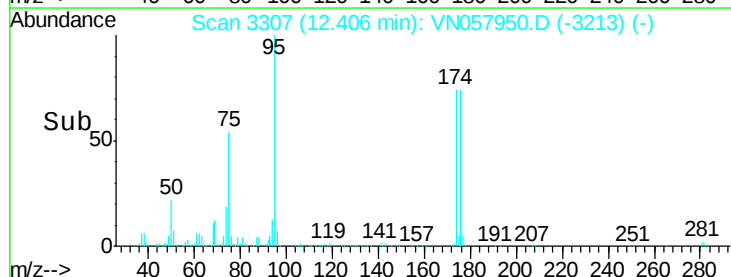
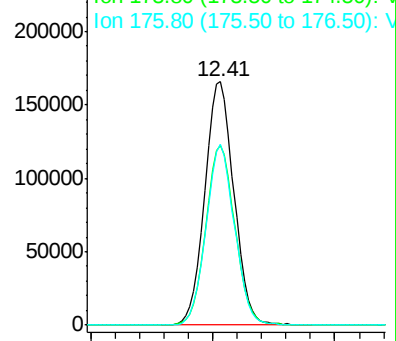
95 100

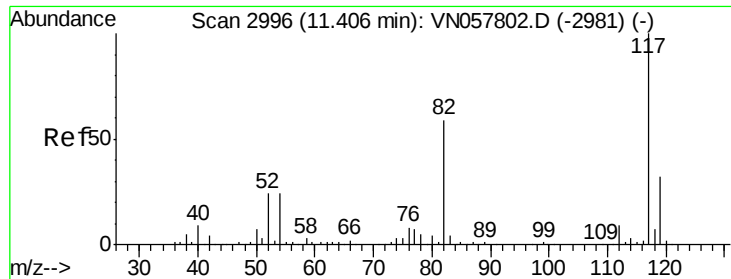
174 73.9 0.0 150.2

176 72.9 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN057950.D

Acq: 12 Sep 2019 1:19

Instrument :

MSVOA_N

ClientSampleId :

CBH-139-D

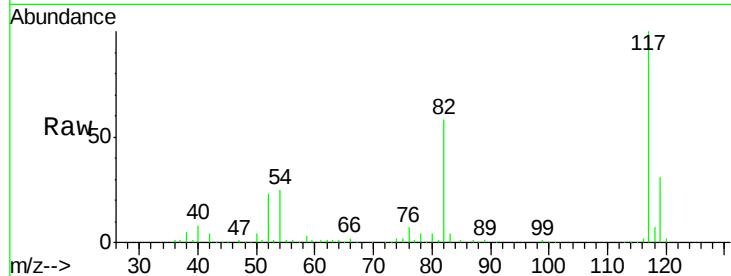
Tot Ion:117 Resp: 425341

Ion Ratio Lower Upper

117 100

82 57.7 47.2 70.8

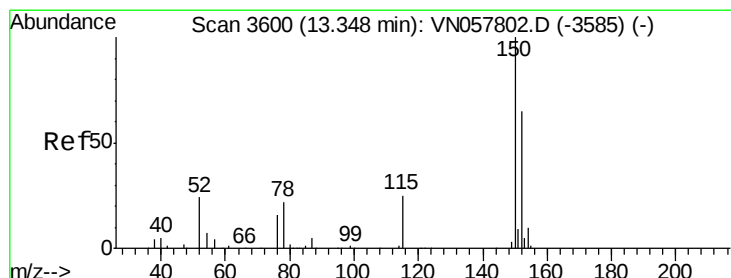
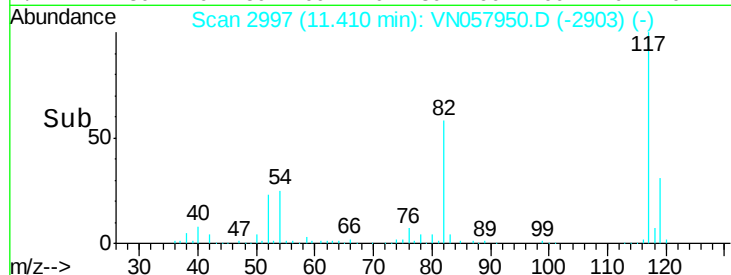
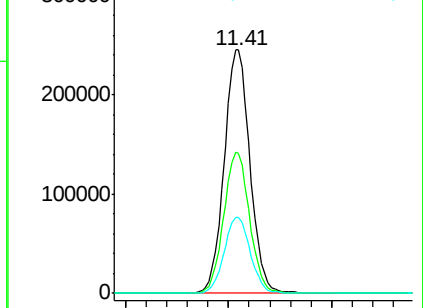
119 31.4 25.3 37.9



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057950.D

Acq: 12 Sep 2019 1:19

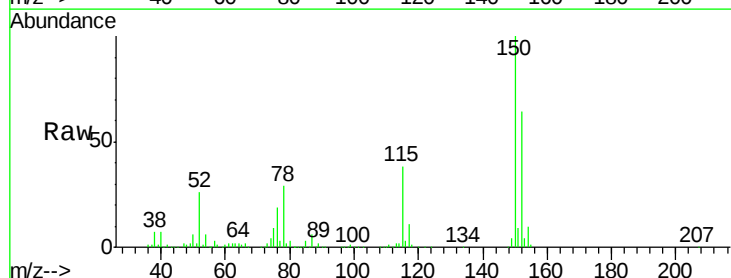
Tgt Ion:152 Resp: 216473

Ion Ratio Lower Upper

152 100

115 61.4 30.3 91.0

150 158.3 0.0 352.4



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

