

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056157.D
 Acq On : 10 Jun 2019 9:56
 Operator : JC/SP
 Sample : VN0610WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBL01

Quant Time: Jun 11 03:19:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	292845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	443159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	412863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	121780	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	152404	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
35) Dibromofluoromethane	7.59	113	143434	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	10.09	98	548422	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.40	95	162457	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

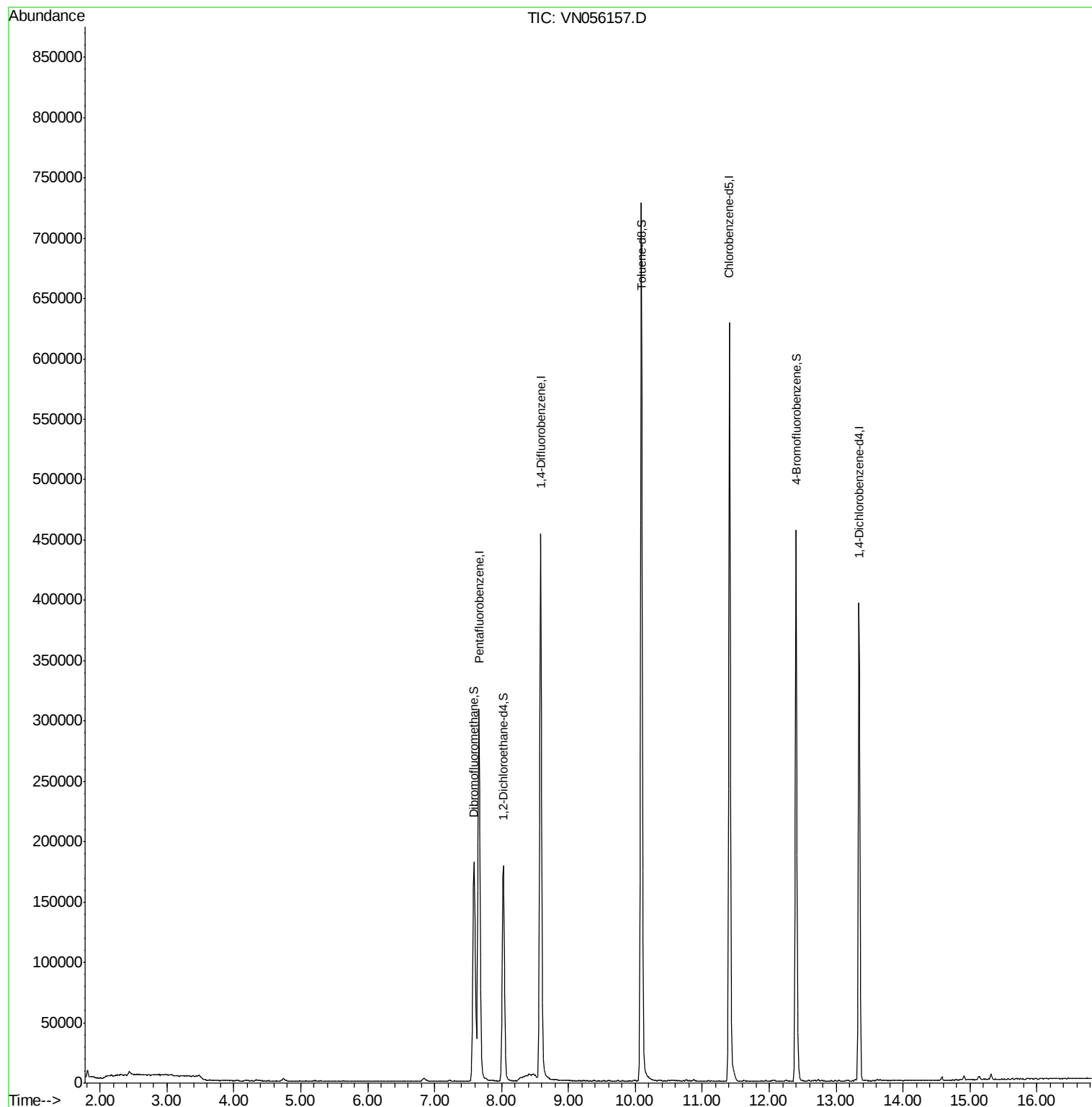
Target Compounds	Qvalue

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

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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056157.D

Acq: 10 Jun 2019 9:56

Instrument :

MSVOA_N

ClientSampled :

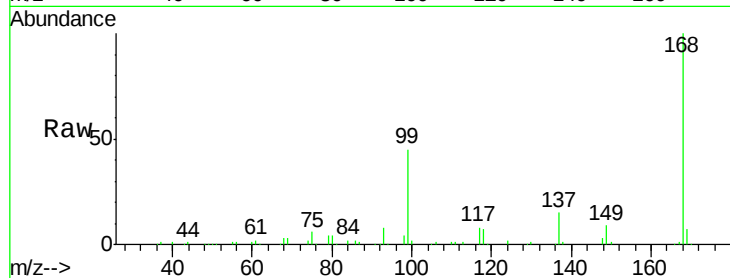
VN0610WBL01

Tot Ion:168 Resp: 292845

Ion Ratio Lower Upper

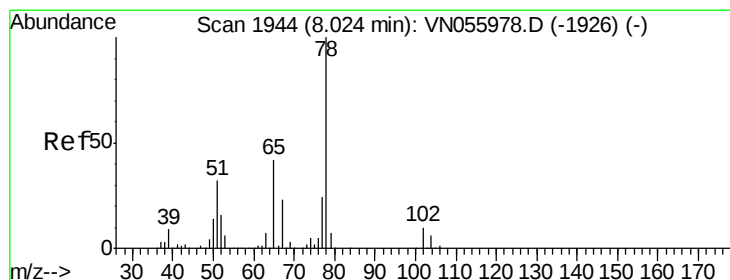
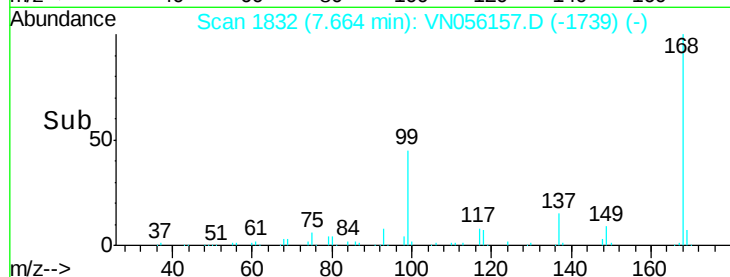
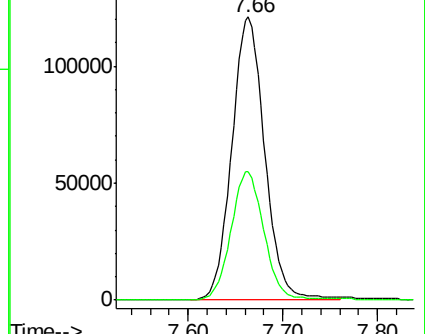
168 100

99 45.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 52.414 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056157.D

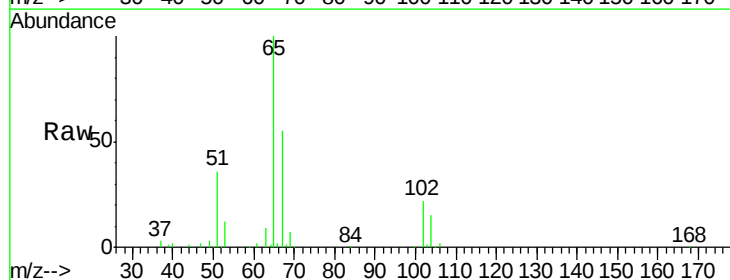
Acq: 10 Jun 2019 9:56

Tgt Ion: 65 Resp: 152404

Ion Ratio Lower Upper

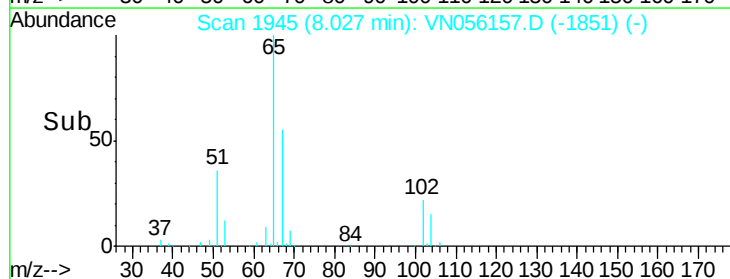
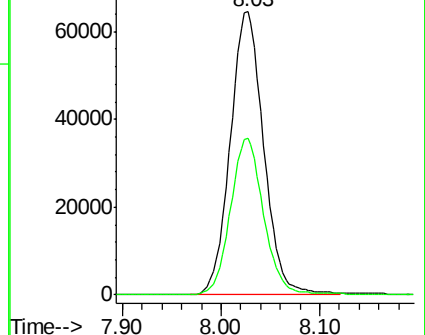
65 100

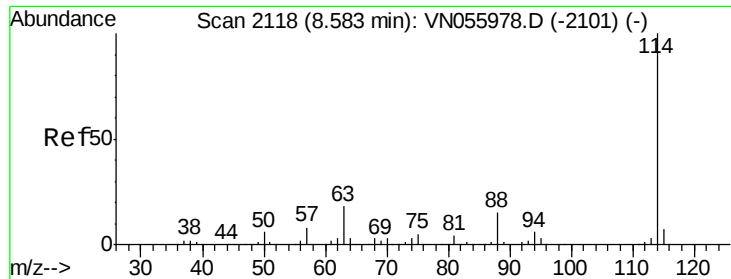
67 55.0 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056157.D

Acq: 10 Jun 2019 9:56

Instrument :

MSVOA_N

ClientSampled :

VN0610WBL01

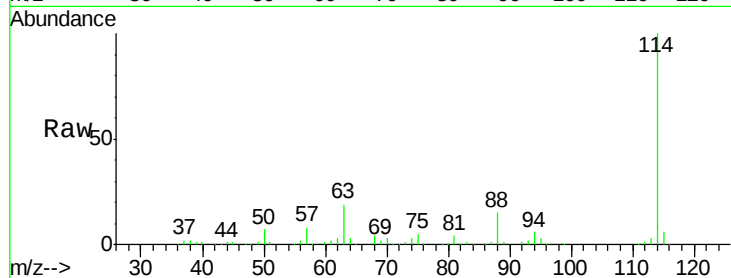
Tot Ion:114 Resp: 443159

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

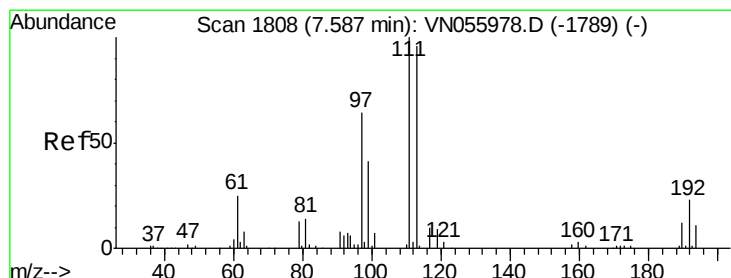
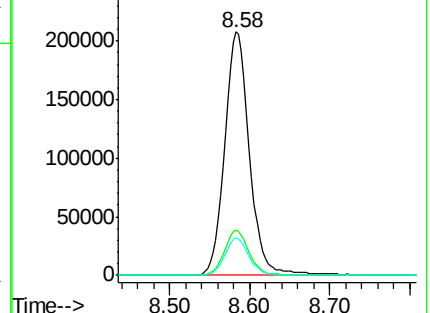
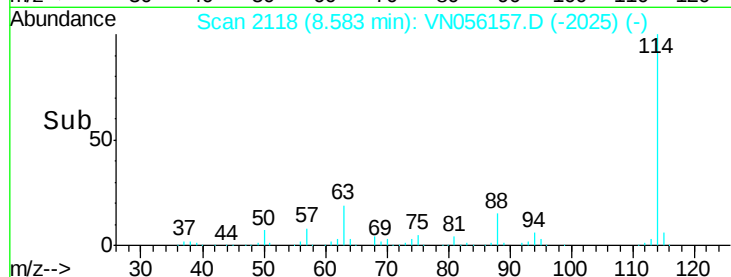
88 15.3 0.0 31.0



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: 52.754 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056157.D

Acq: 10 Jun 2019 9:56

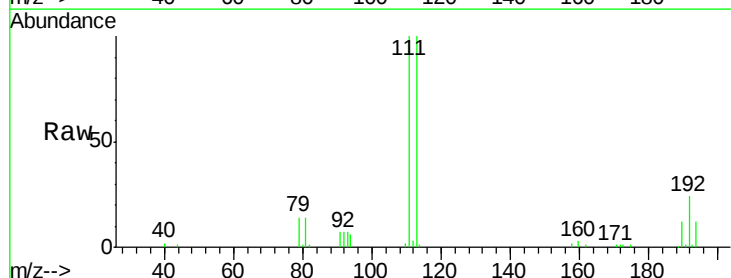
Tgt Ion:113 Resp: 143434

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

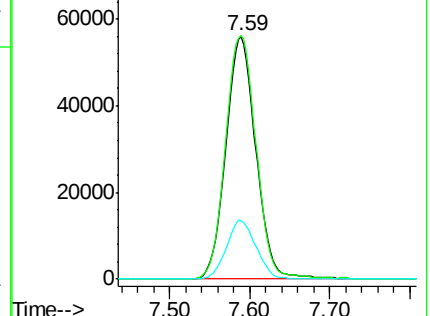
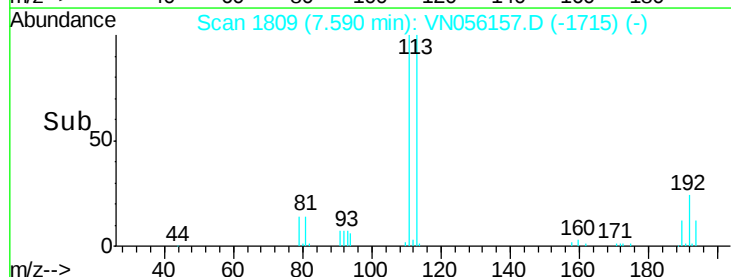
192 23.9 19.5 29.3

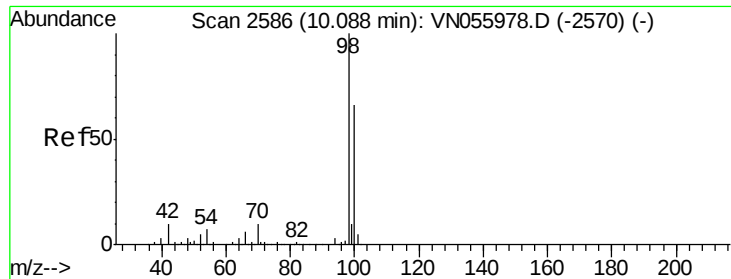


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.418 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056157.D

Acq: 10 Jun 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

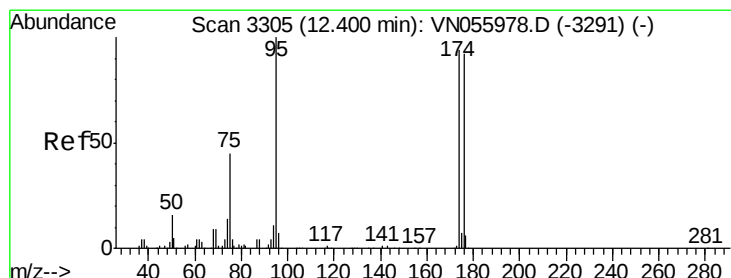
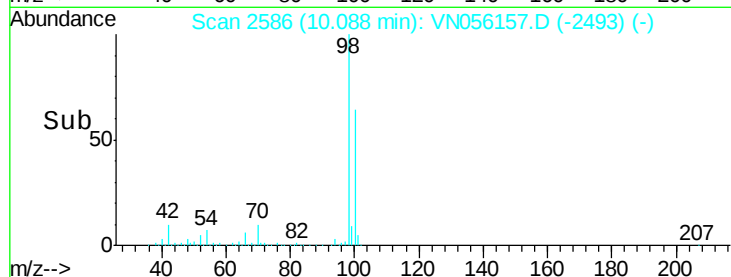
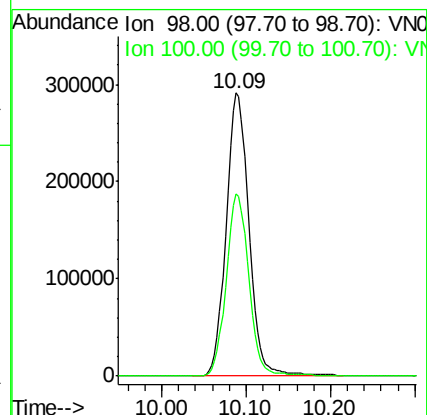
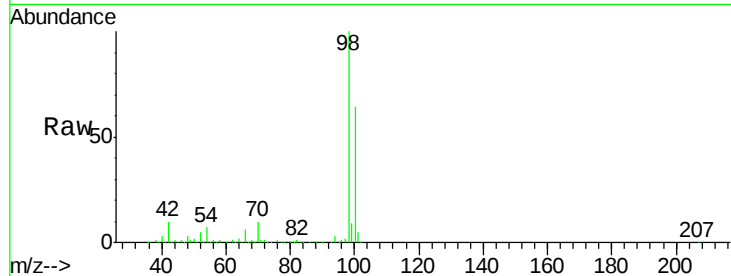
VN0610WBL01

Tot Ion: 98 Resp: 548422

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.659 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056157.D

Acq: 10 Jun 2019 9:56

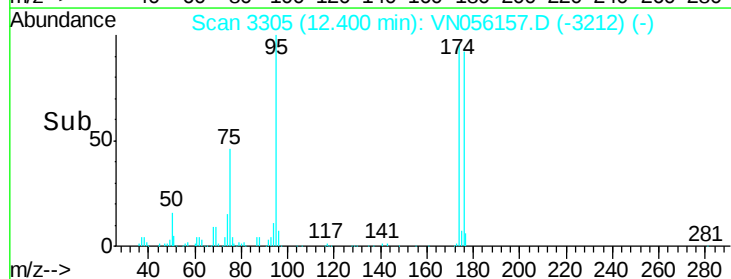
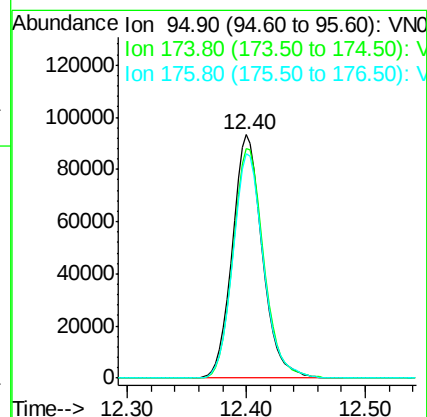
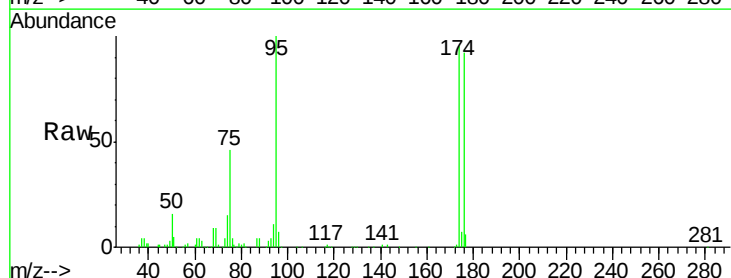
Tgt Ion: 95 Resp: 162457

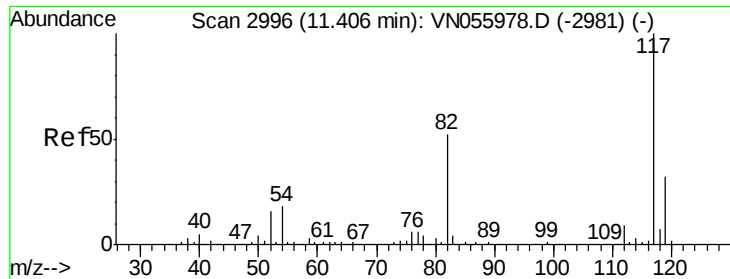
Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.0

176 94.1 0.0 185.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056157.D

Acq: 10 Jun 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBL01

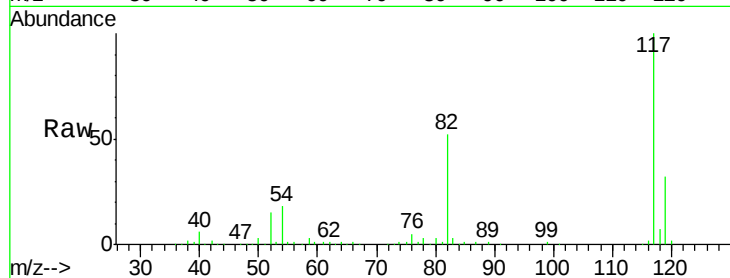
Tot Ion:117 Resp: 412863

Ion Ratio Lower Upper

117 100

82 51.5 41.8 62.8

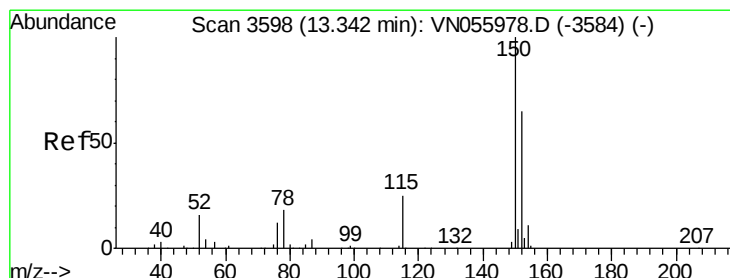
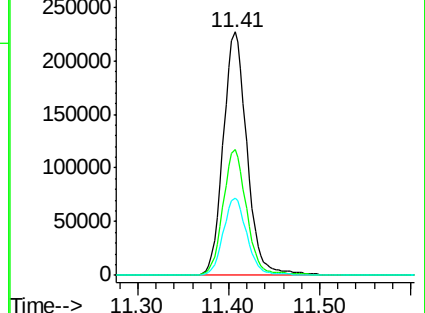
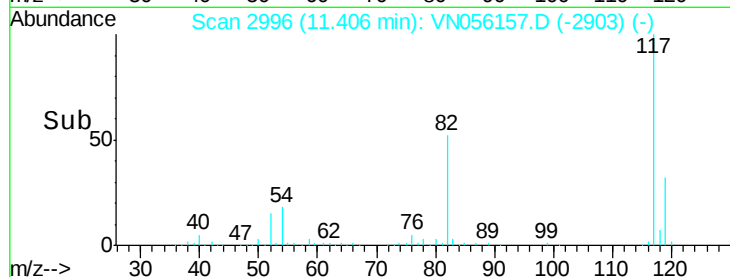
119 32.0 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056157.D

Acq: 10 Jun 2019 9:56

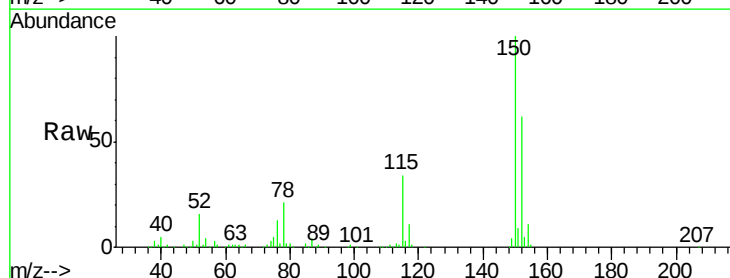
Tgt Ion:152 Resp: 121780

Ion Ratio Lower Upper

152 100

115 53.6 27.0 81.0

150 157.3 0.0 343.2



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

