

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101019\
 Data File : VN058658.D
 Acq On : 9 Oct 2019 22:06
 Operator : JC/SP
 Sample : K5184-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Oct 10 05:32:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	406858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	646289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	569208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222495	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	293675	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	7.57	113	214686	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
50) Toluene-d8	10.08	98	822472	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.40	95	269687	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

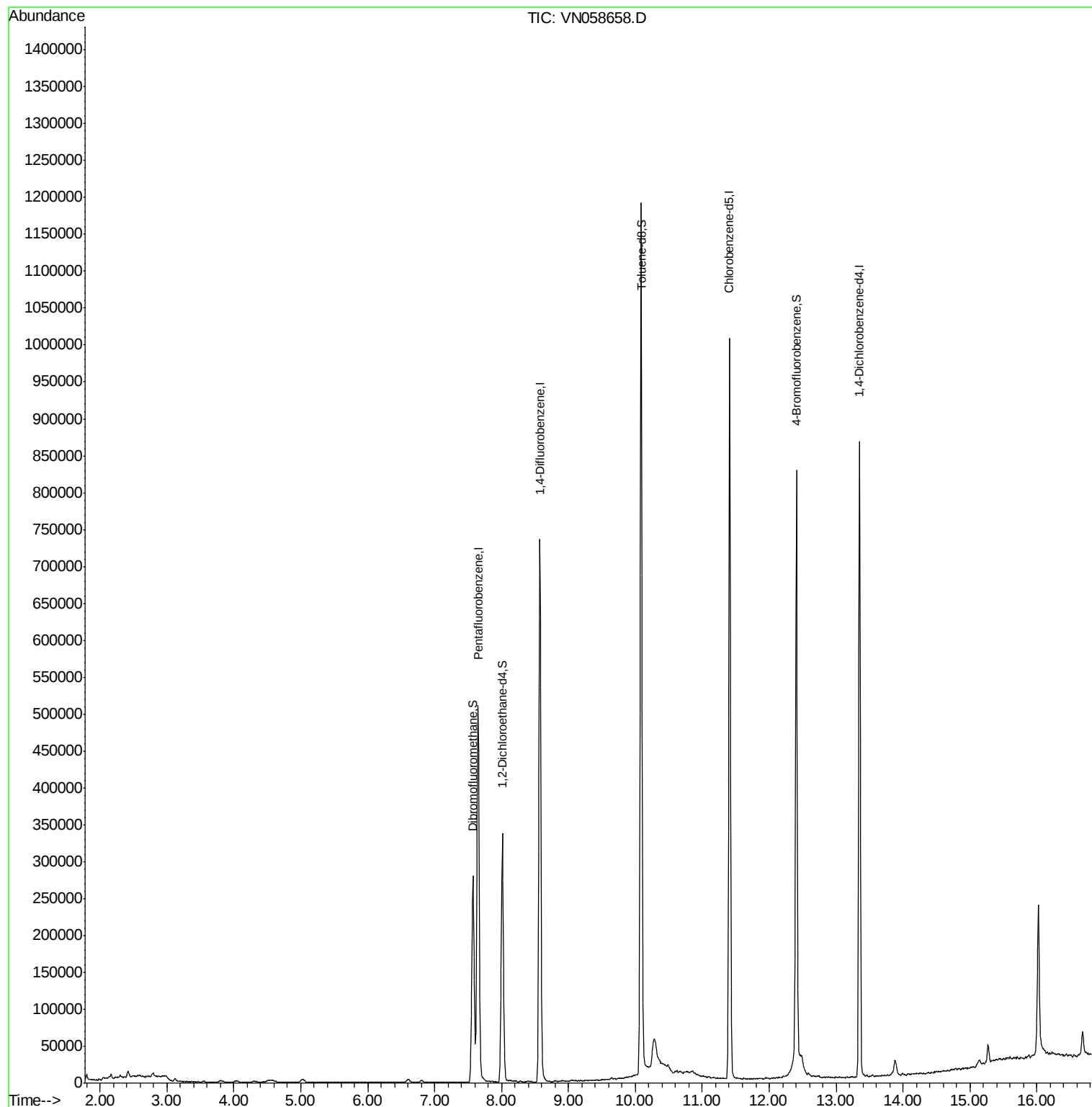
Target Compounds	Qvalue

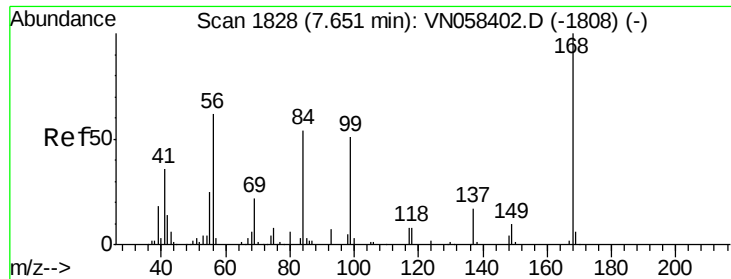
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058658.D

Acq: 9 Oct 2019 22:06

Instrument :

MSVOA_N

ClientSampled :

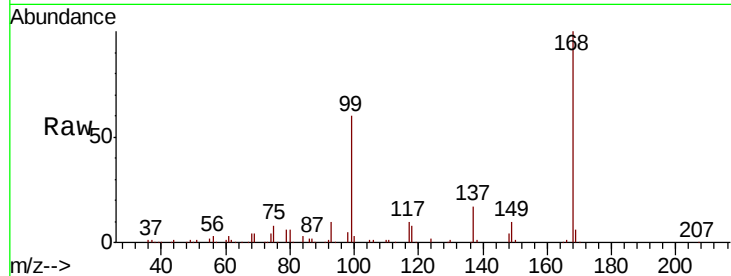
MW-1

Tot Ion:168 Resp: 406858

Ion Ratio Lower Upper

168 100

99 59.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VN058402.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058402.D (-1808) (-)

7.65

150000

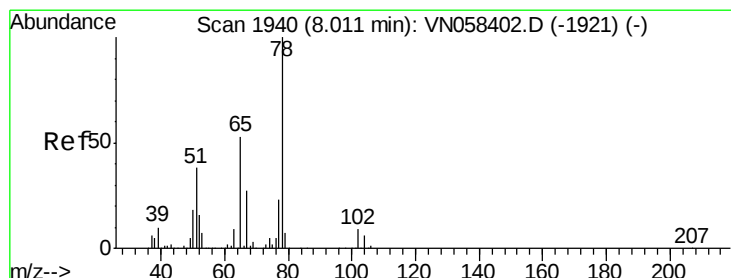
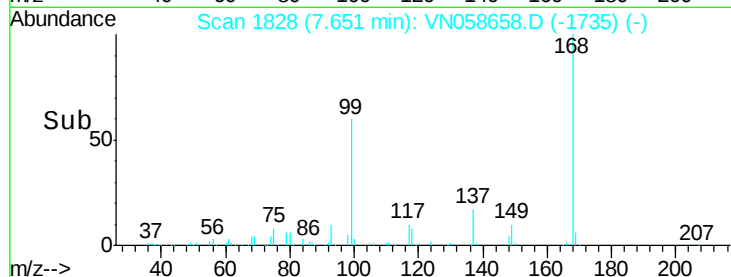
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.394 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058658.D

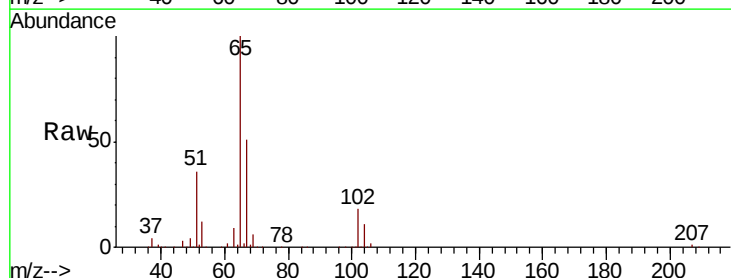
Acq: 9 Oct 2019 22:06

Tgt Ion: 65 Resp: 293675

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058402.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN058402.D (-1921) (-)

8.01

150000

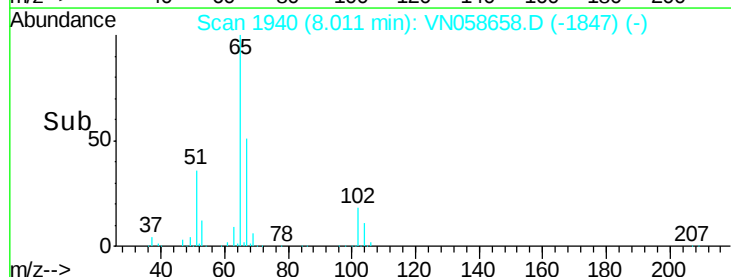
100000

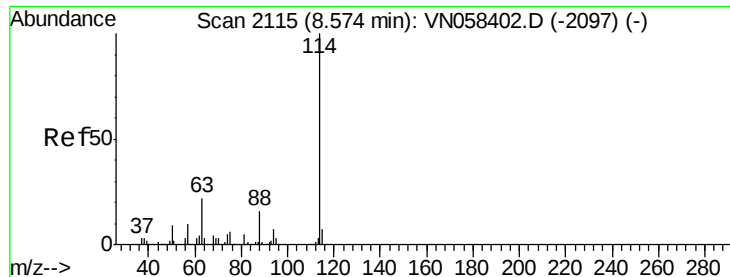
50000

0

7.90 7.95 8.00 8.05 8.10

Time-->

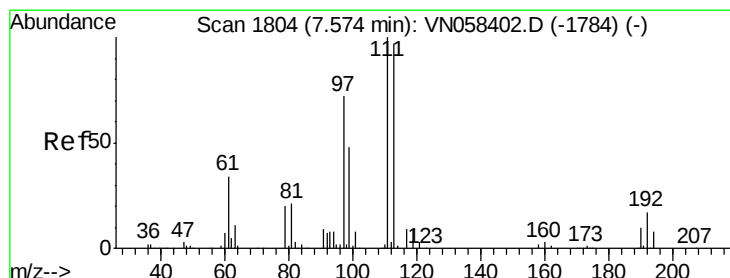
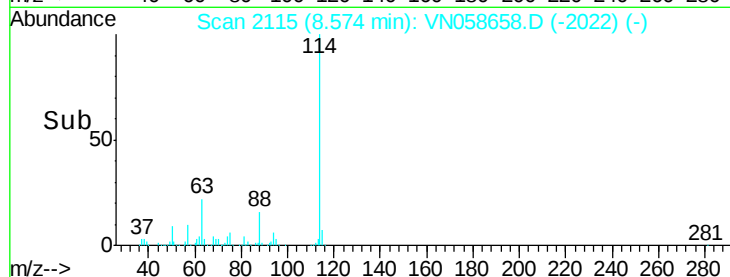
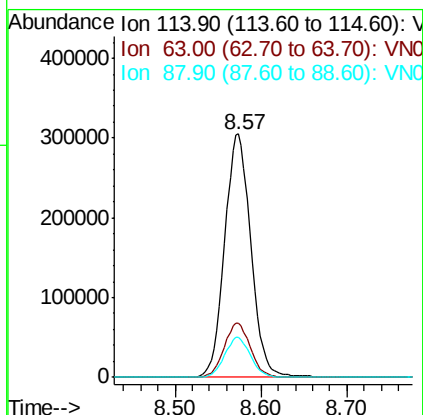
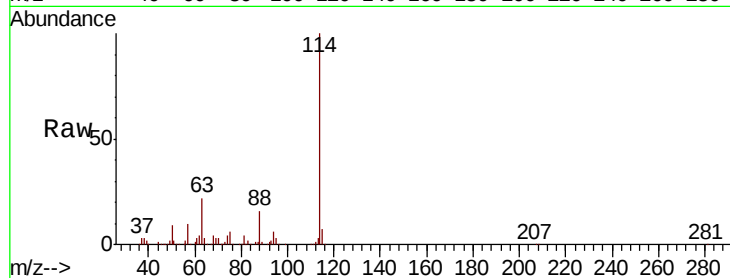




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058658.D
 Acq: 9 Oct 2019 22:06

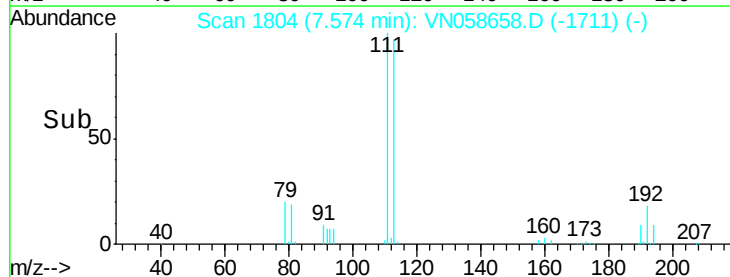
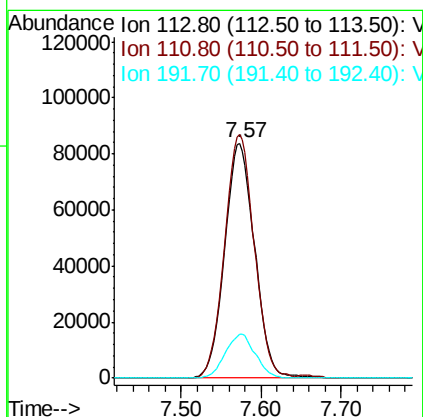
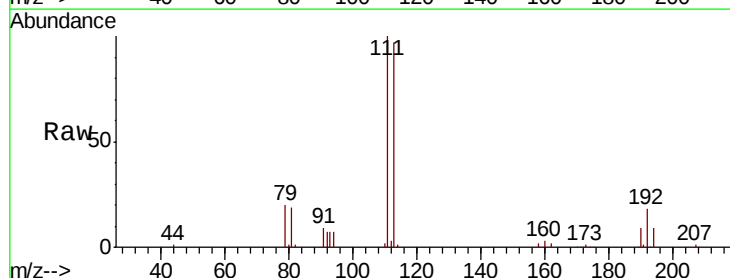
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

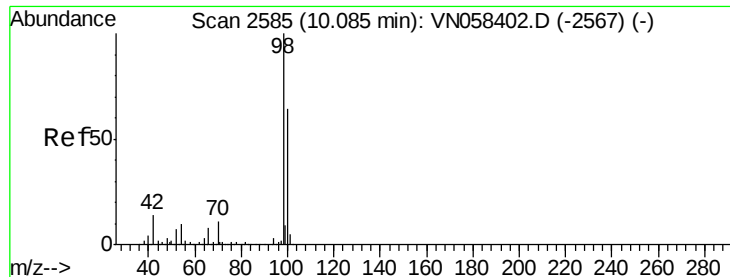
Tot Ion:114 Resp: 646289
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.4 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 54.199 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058658.D
 Acq: 9 Oct 2019 22:06

Tgt Ion:113 Resp: 214686
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.4 125.2
 192 18.7 14.9 22.3





#50

Toluene-d8

Concen: 53.004 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058658.D

Acq: 9 Oct 2019 22:06

Instrument :

MSVOA_N

ClientSampled :

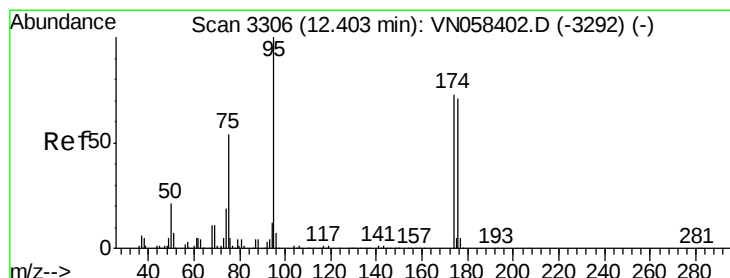
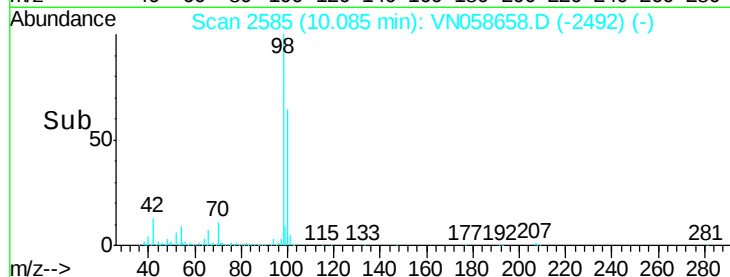
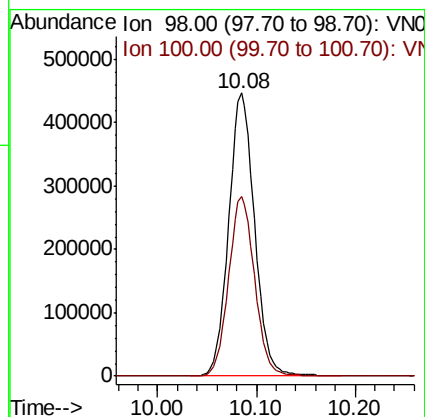
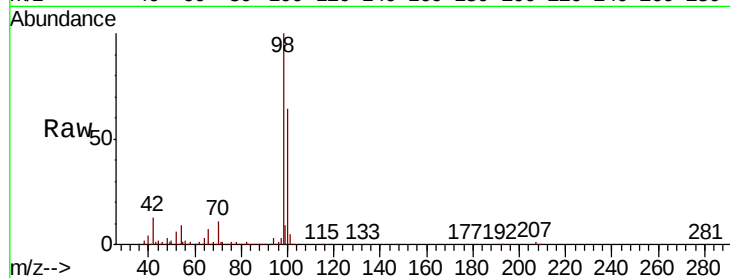
MW-1

Tot Ion: 98 Resp: 822472

Ion Ratio Lower Upper

98 100

100 64.0 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 48.067 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058658.D

Acq: 9 Oct 2019 22:06

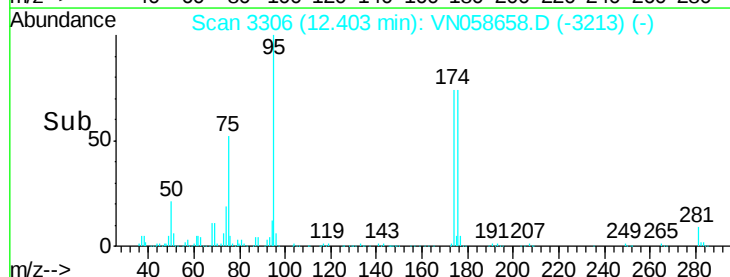
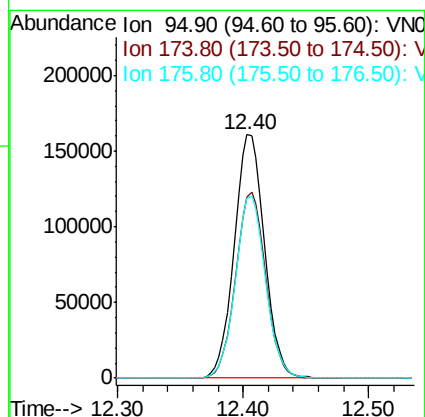
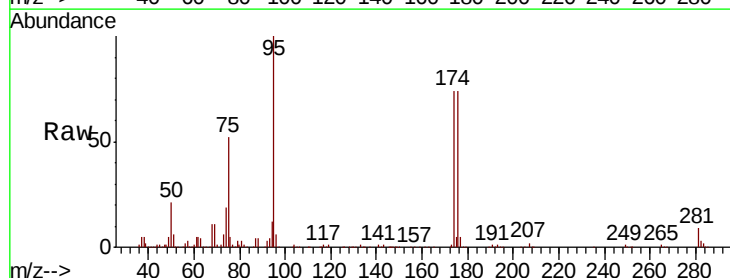
Tgt Ion: 95 Resp: 269687

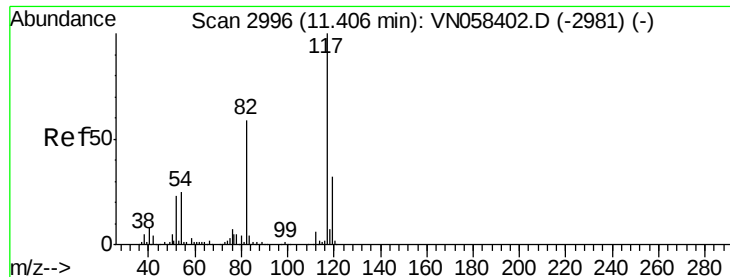
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.6

176 74.4 0.0 146.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058658.D

Acq: 9 Oct 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

MW-1

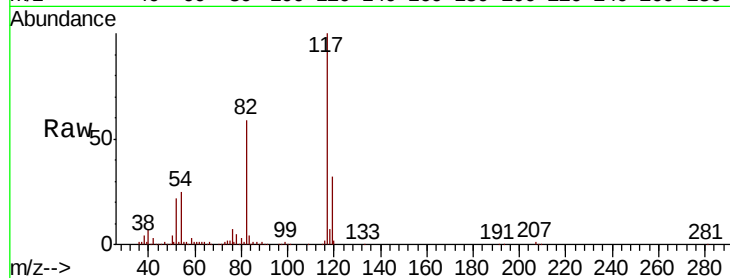
Tot Ion:117 Resp: 569208

Ion Ratio Lower Upper

117 100

82 58.9 47.4 71.0

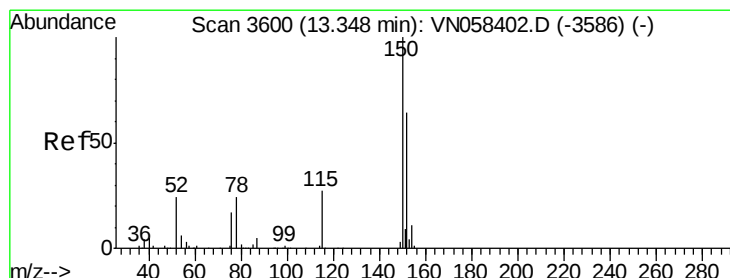
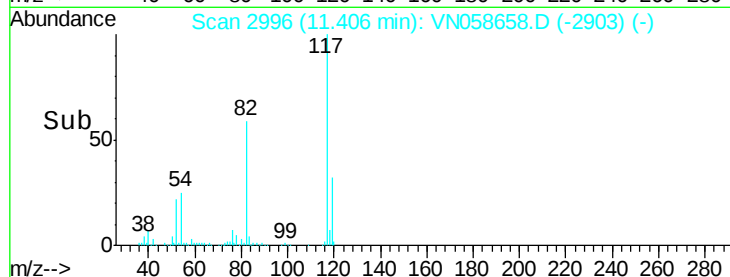
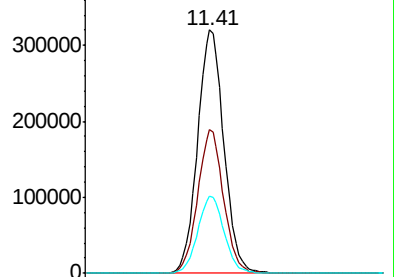
119 31.6 25.5 38.3



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058658.D

Acq: 9 Oct 2019 22:06

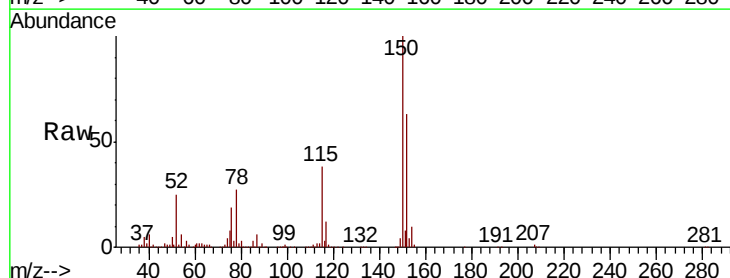
Tgt Ion:152 Resp: 222495

Ion Ratio Lower Upper

152 100

115 61.3 30.0 90.0

150 158.4 0.0 348.2



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

