

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090219\
 Data File : VN057658.D
 Acq On : 1 Sep 2019 21:06
 Operator : JC/SP
 Sample : K4516-16
 Misc : 5.71g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-B4-(2.5)

Quant Time: Sep 02 03:26:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	172983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	288730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	239169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	106481	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	226882	58.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.12%	
35) Dibromofluoromethane	7.58	113	131257	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	10.09	98	526537	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
62) 4-Bromofluorobenzene	12.40	95	170865	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	

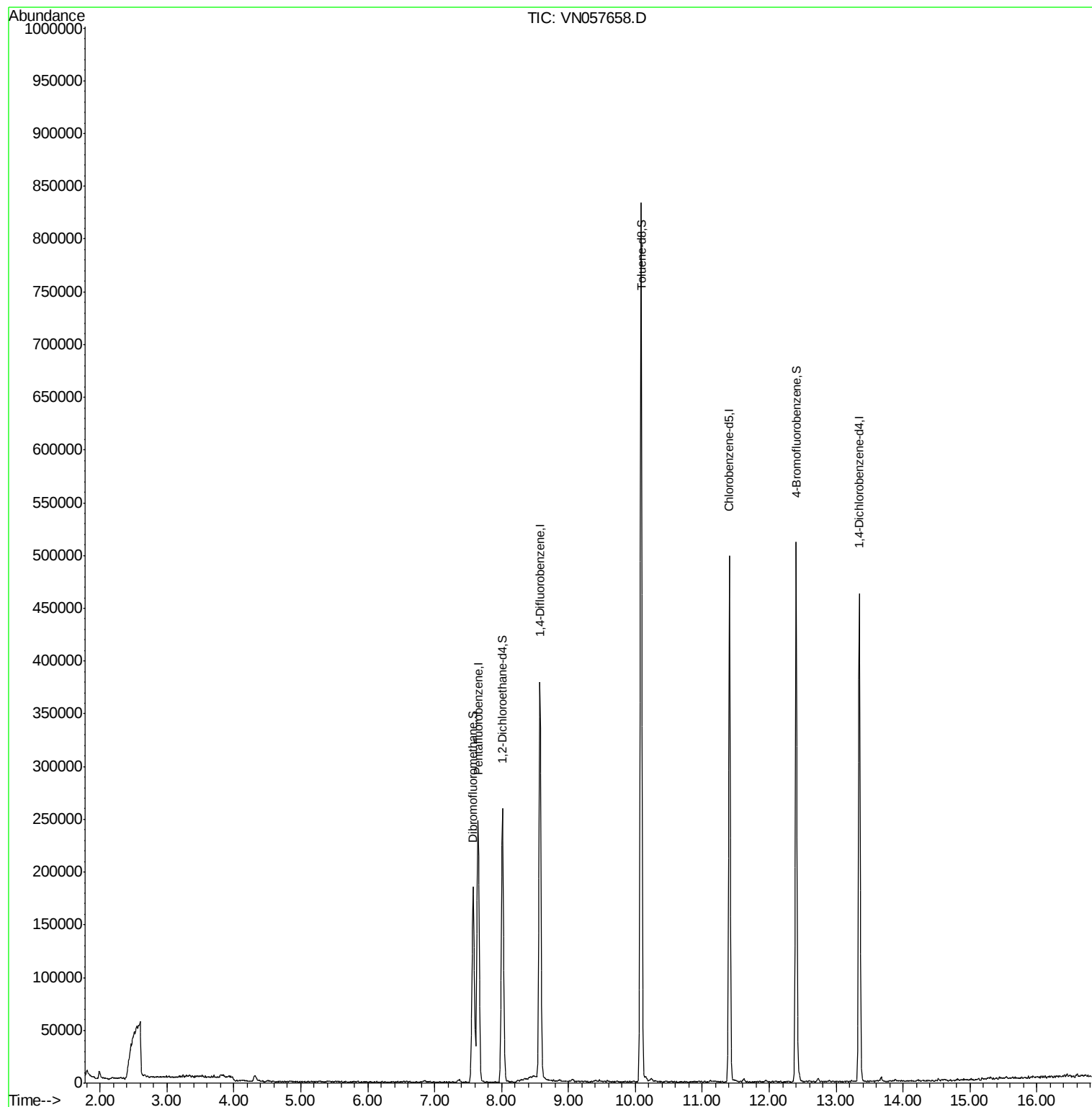
Target Compounds	Qvalue

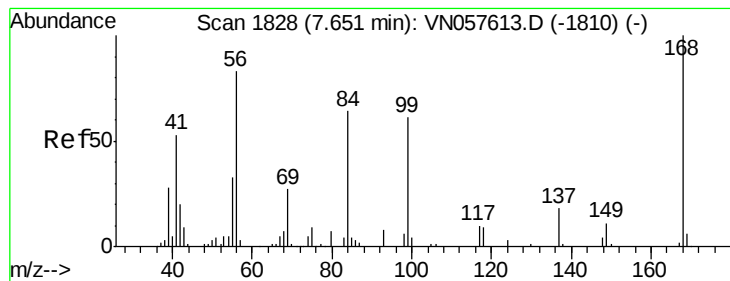
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 31 15:54:32 2019
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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: VN057658.D

Acq: 1 Sep 2019 21:06

Instrument :

MSVOA_N

ClientSampleId :

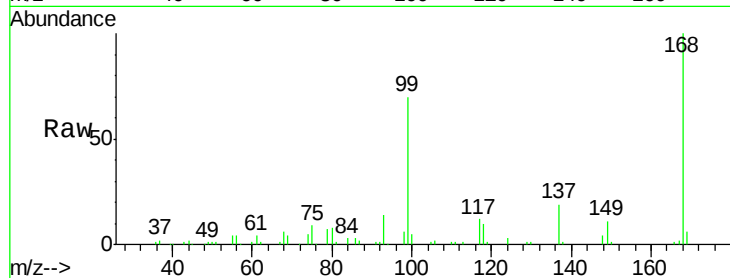
T2-S-B4-(2.5)

Tot Ion:168 Resp: 172983

Ion Ratio Lower Upper

168 100

99 69.8 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

80000

60000

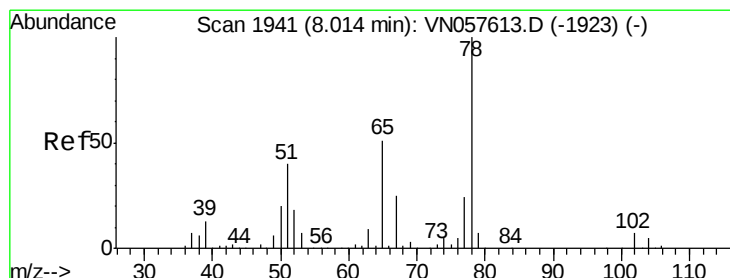
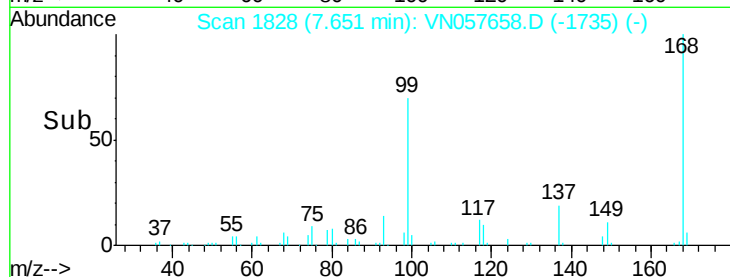
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.061 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN057658.D

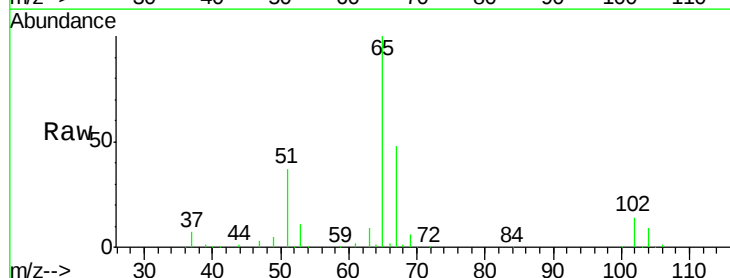
Acq: 1 Sep 2019 21:06

Tgt Ion: 65 Resp: 226882

Ion Ratio Lower Upper

65 100

67 48.7 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.01

100000

80000

60000

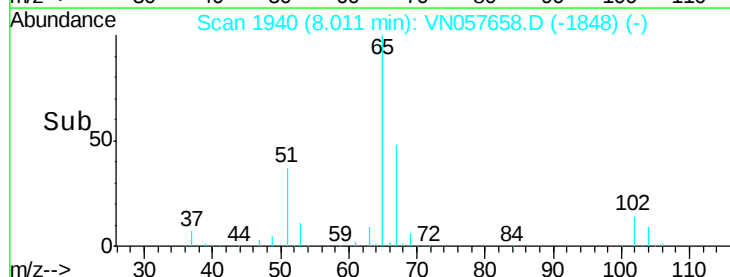
40000

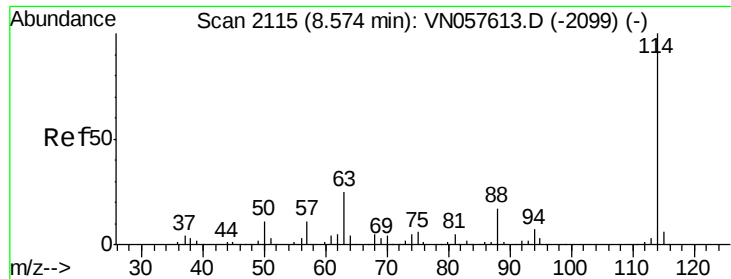
20000

0

7.90 7.95 8.00 8.05 8.10

Time-->

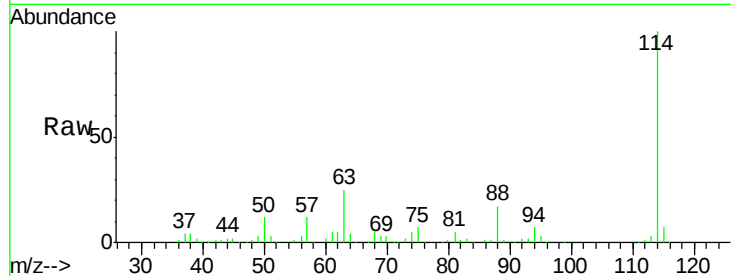




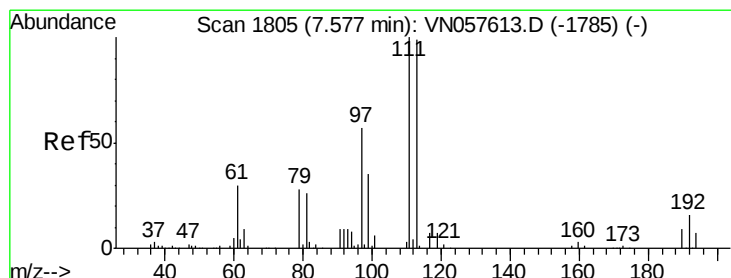
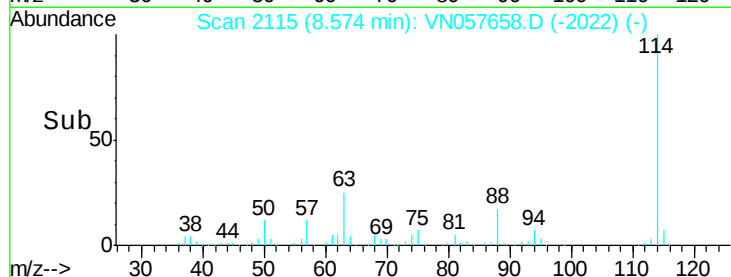
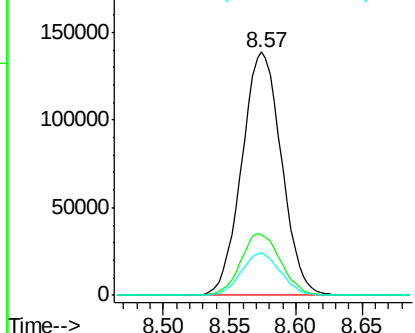
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057658.D
 Acq: 1 Sep 2019 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-B4-(2.5)

Tot Ion:114 Resp: 288730
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.0
 88 17.3 0.0 33.0

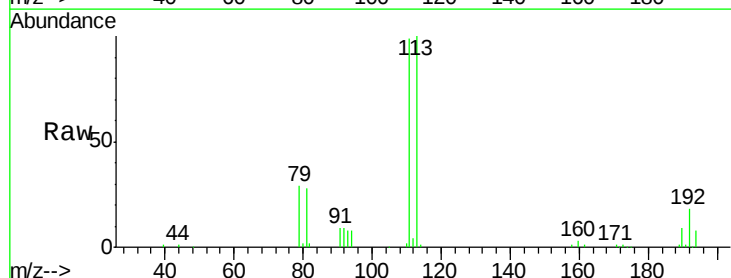


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

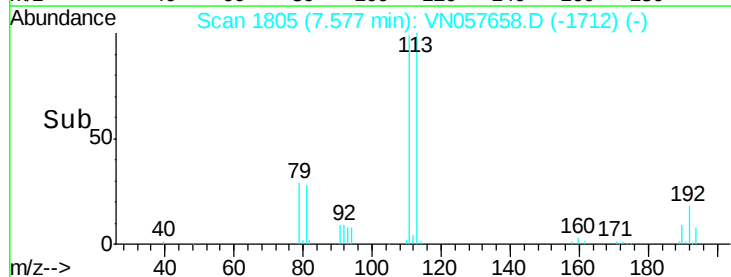
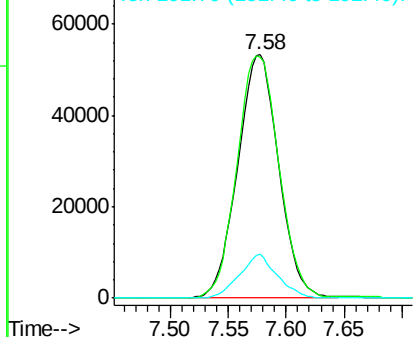


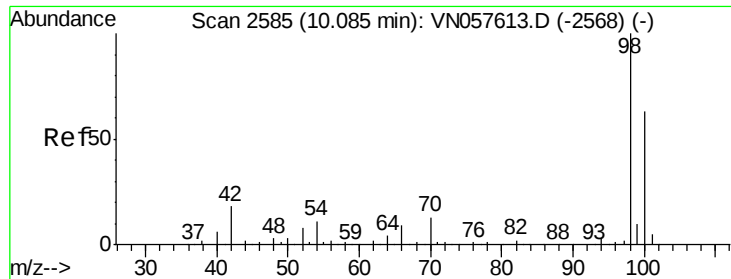
#35
 Dibromofluoromethane
 Concen: 52.057 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057658.D
 Acq: 1 Sep 2019 21:06

Tgt Ion:113 Resp: 131257
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.3 121.9
 192 16.6 13.5 20.3



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: 54.392 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057658.D

Acq: 1 Sep 2019 21:06

Instrument :

MSVOA_N

ClientSampleId :

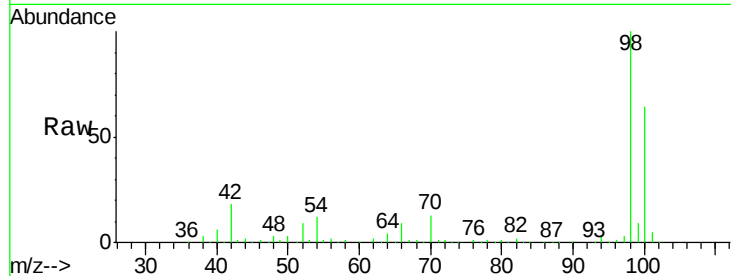
T2-S-B4-(2.5)

Tot Ion: 98 Resp: 526537

Ion Ratio Lower Upper

98 100

100 63.9 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

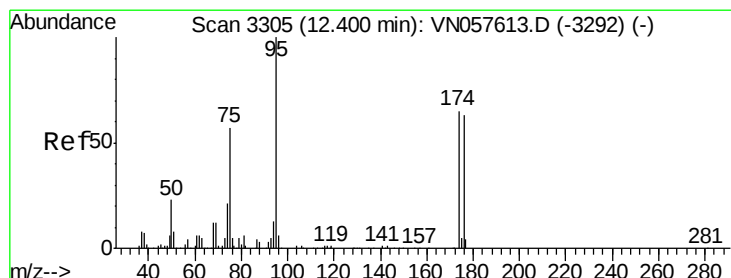
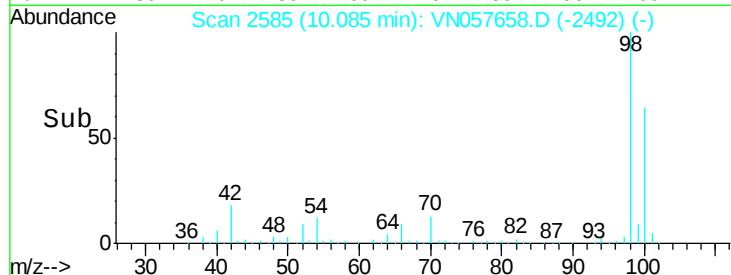
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.417 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057658.D

Acq: 1 Sep 2019 21:06

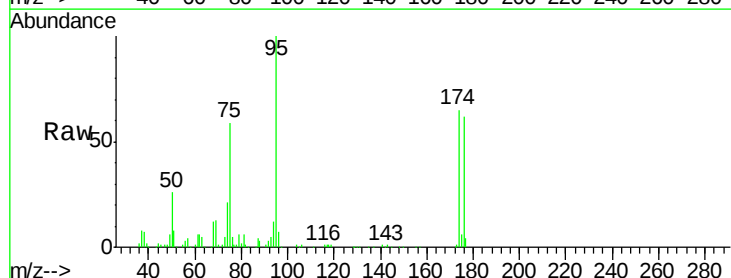
Tgt Ion: 95 Resp: 170865

Ion Ratio Lower Upper

95 100

174 66.5 0.0 134.8

176 64.4 0.0 131.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

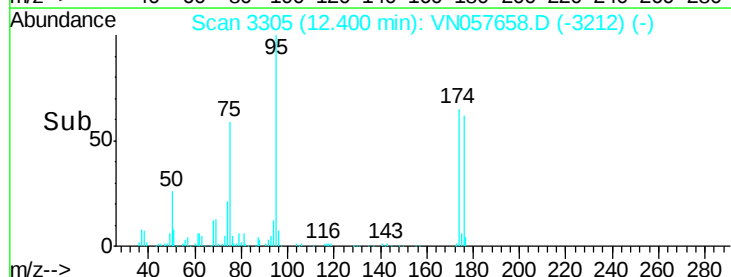
12.40

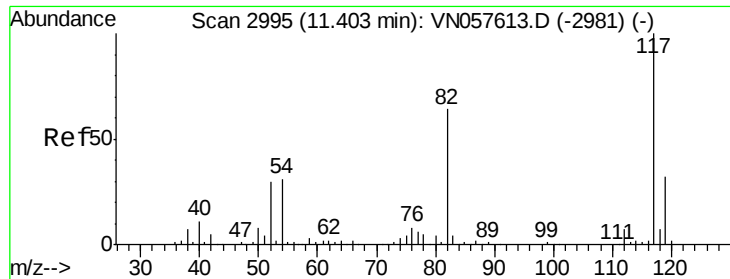
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057658.D

Acq: 1 Sep 2019 21:06

Instrument :

MSVOA_N

ClientSampleId :

T2-S-B4-(2.5)

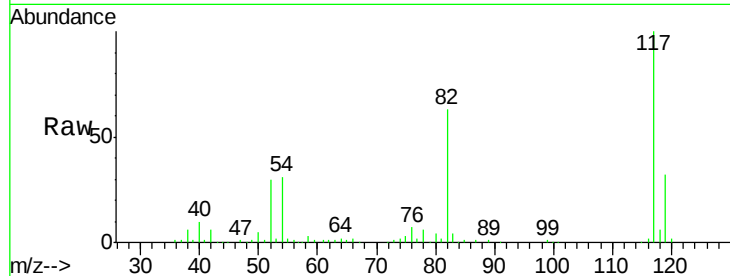
Tot Ion:117 Resp: 239169

Ion Ratio Lower Upper

117 100

82 62.5 51.6 77.4

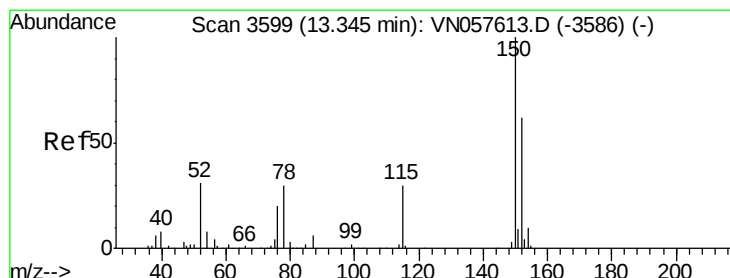
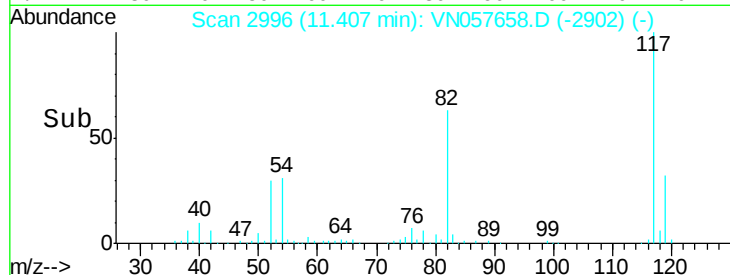
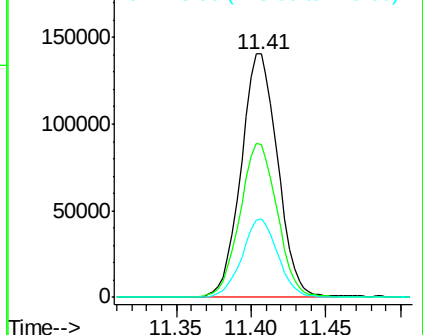
119 32.3 25.8 38.6



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# 3599

Delta R.T. 0.00 min

Lab File: VN057658.D

Acq: 1 Sep 2019 21:06

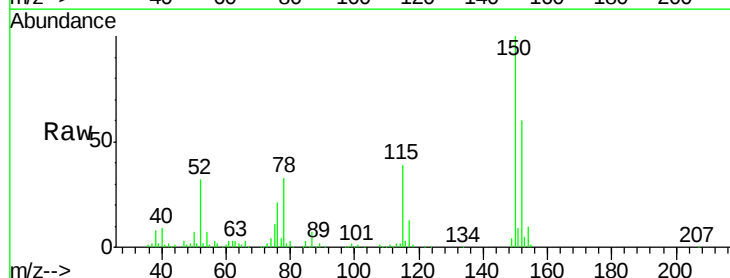
Tgt Ion:152 Resp: 106481

Ion Ratio Lower Upper

152 100

115 64.3 33.2 99.6

150 158.0 0.0 365.2



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

