

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058567.D
 Acq On : 7 Oct 2019 15:40
 Operator : JC/SP
 Sample : VN1007WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBL02

Quant Time: Oct 08 15:03:15 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	504145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	795802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	692671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282454	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	349727	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	7.57	113	249057	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.08	98	999190	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.41	95	337126	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

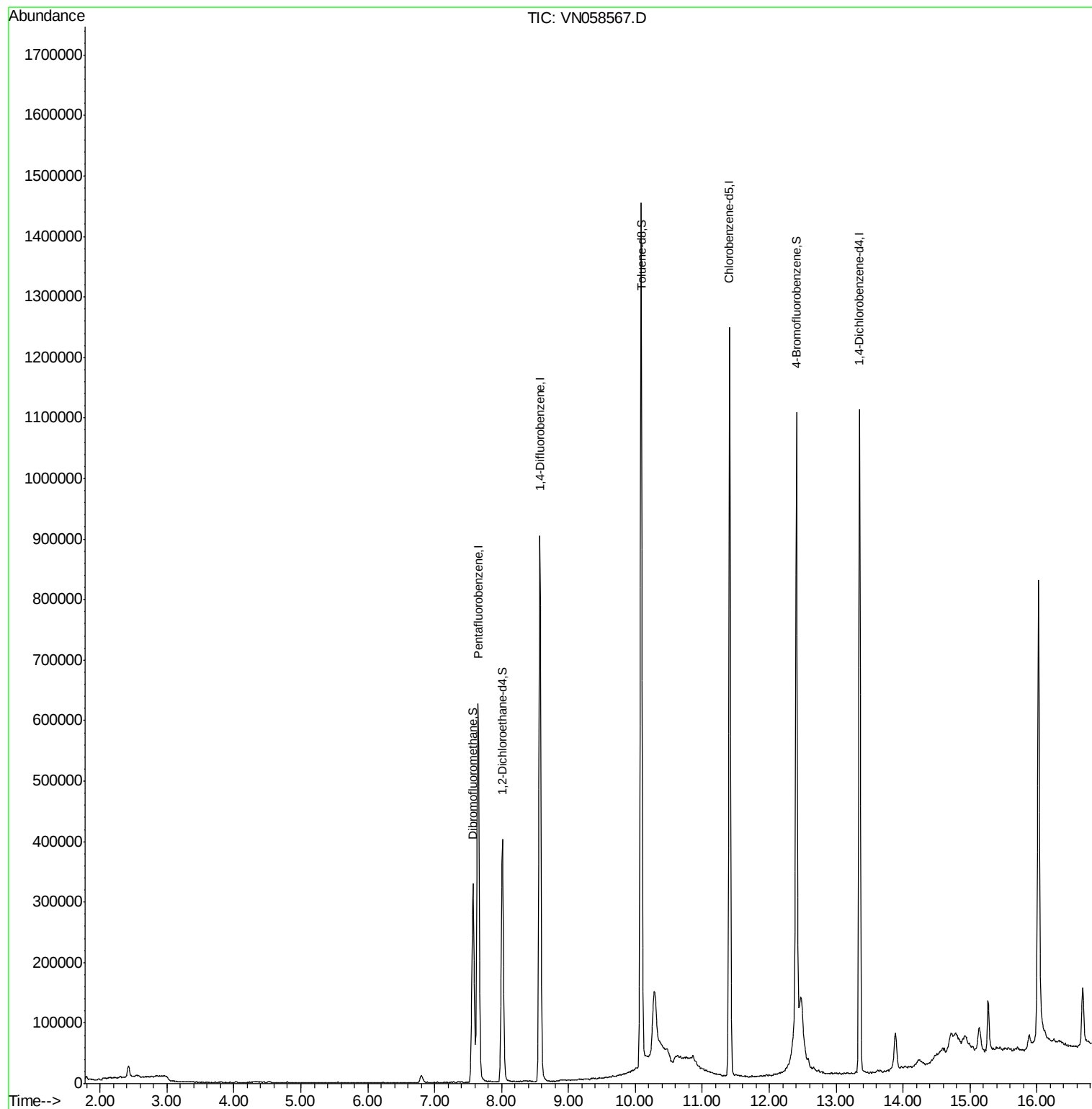
Target Compounds	Qvalue

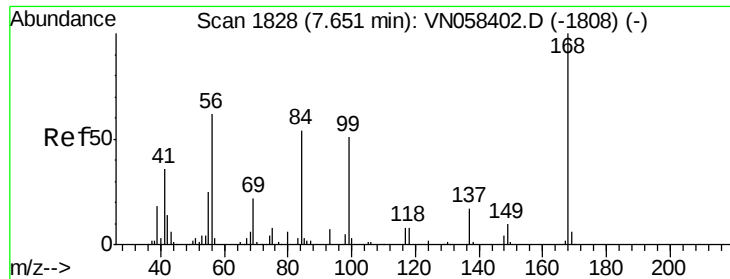
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058567.D

Acq: 7 Oct 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

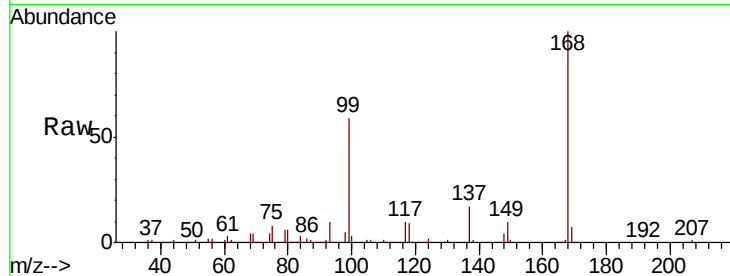
VN1007WBL02

Tot Ion:168 Resp: 504145

Ion Ratio Lower Upper

168 100

99 58.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

150000

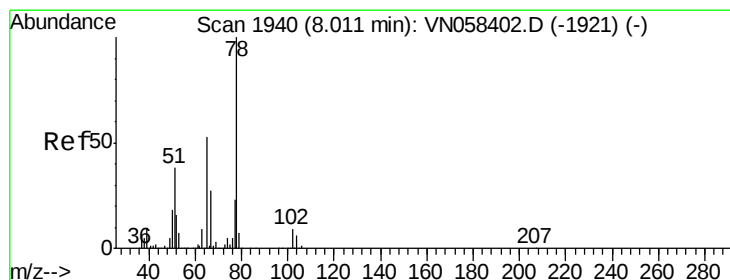
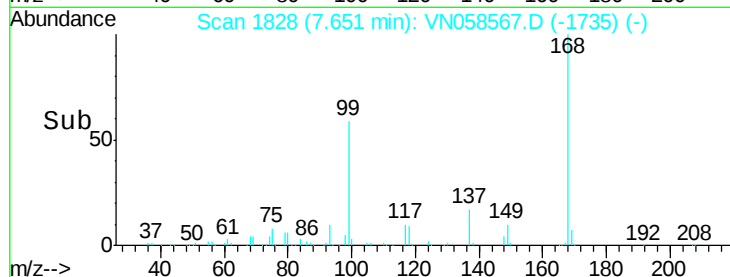
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.470 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058567.D

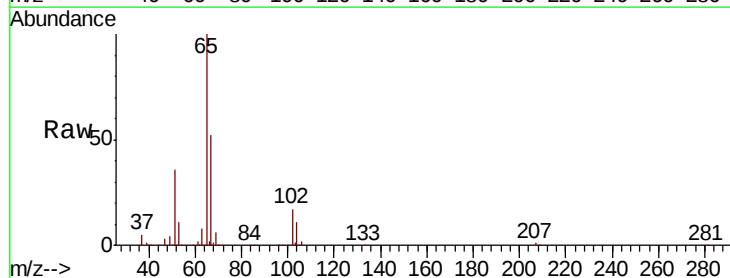
Acq: 7 Oct 2019 15:40

Tgt Ion: 65 Resp: 349727

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN0

8.01

150000

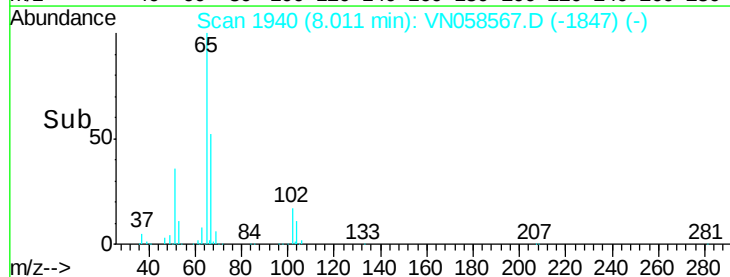
100000

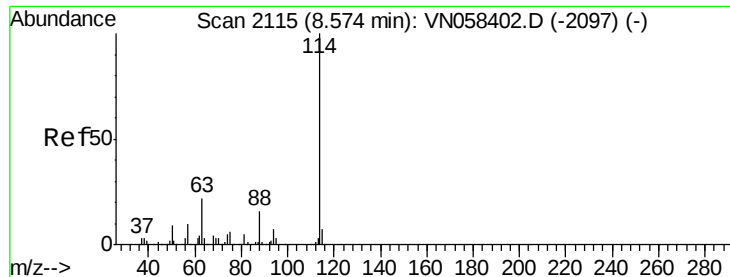
50000

0

7.90 8.00 8.10

Time-->

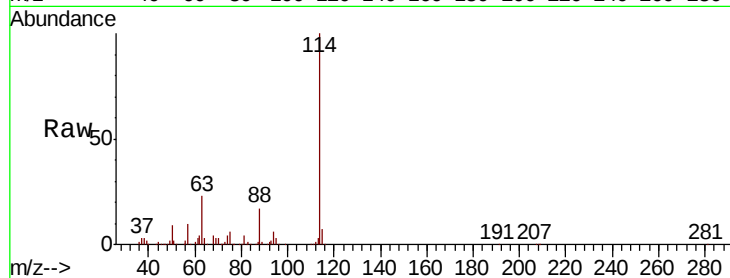




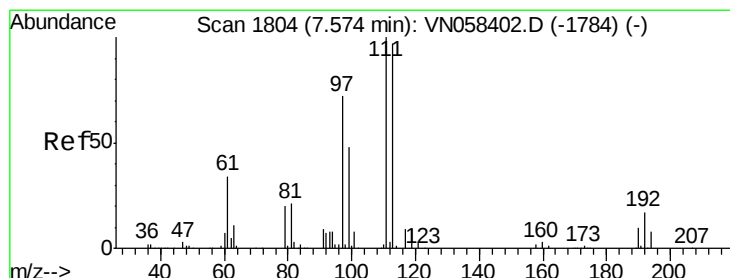
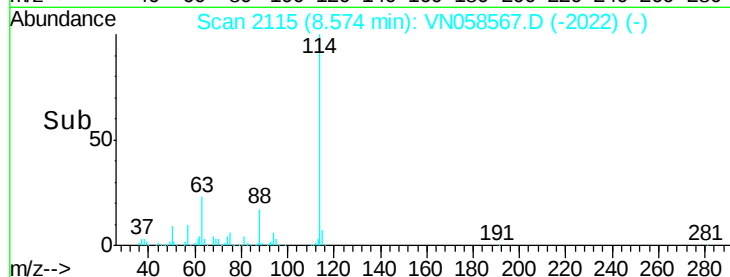
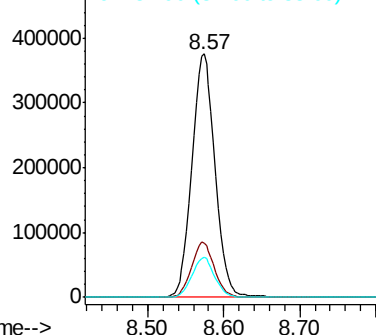
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058567.D
 Acq: 7 Oct 2019 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBL02

Tot Ion:114 Resp: 795802
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 16.6 0.0 32.2

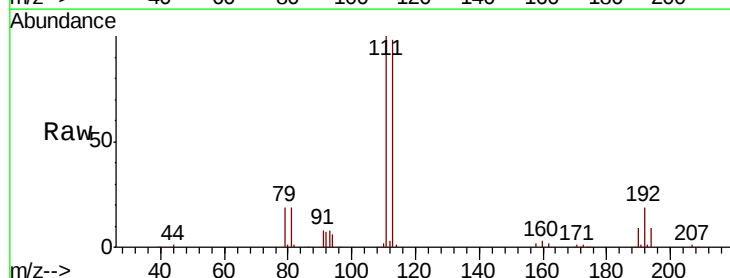


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

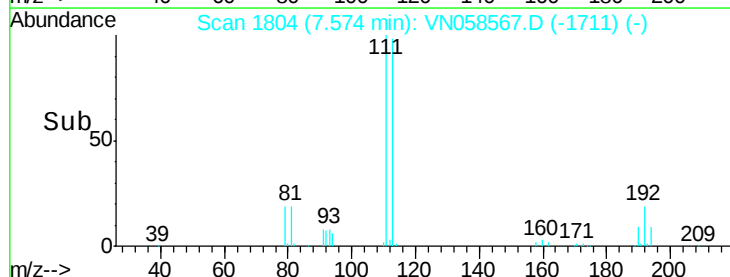
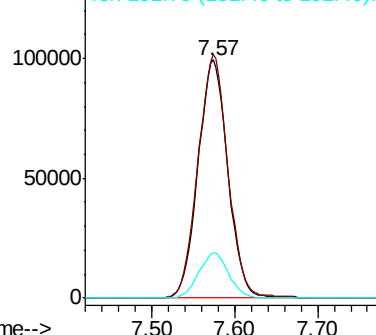


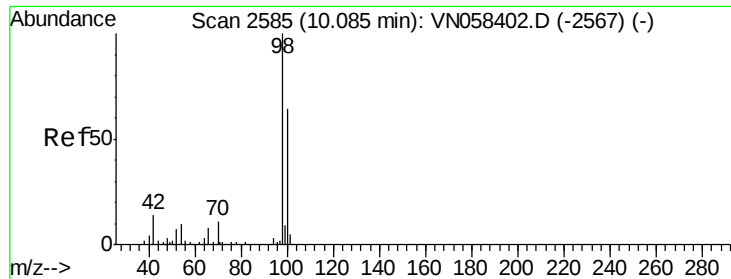
#35
 Dibromofluoromethane
 Concen: 51.064 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058567.D
 Acq: 7 Oct 2019 15:40

Tgt Ion:113 Resp: 249057
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.2
 192 19.0 14.9 22.3



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: 52.295 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058567.D

Acq: 7 Oct 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

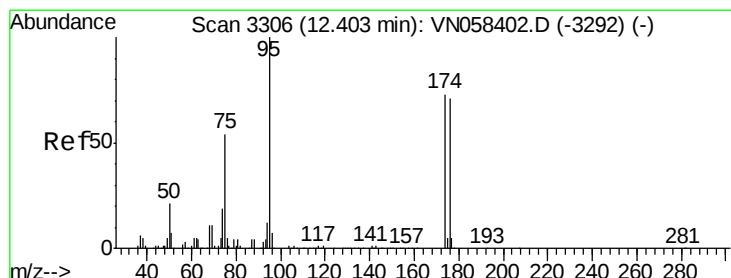
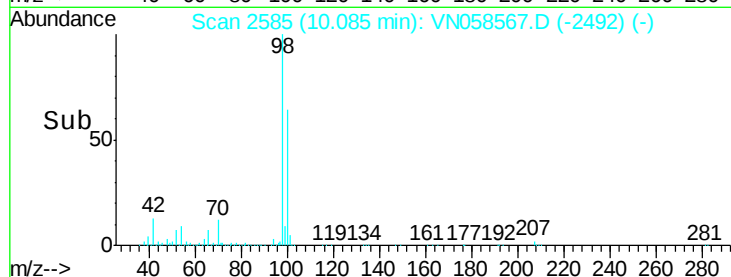
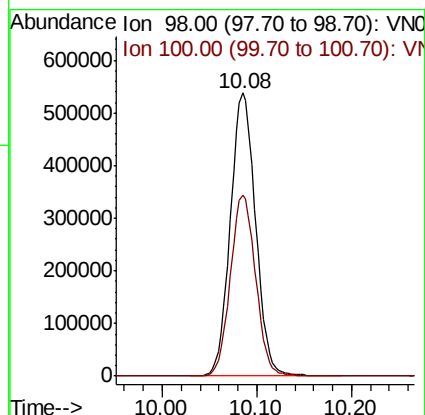
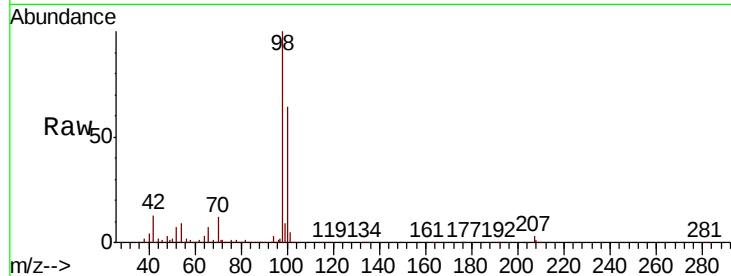
VN1007WBL02

Tot Ion: 98 Resp: 999190

Ion Ratio Lower Upper

98 100

100 64.0 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 48.798 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058567.D

Acq: 7 Oct 2019 15:40

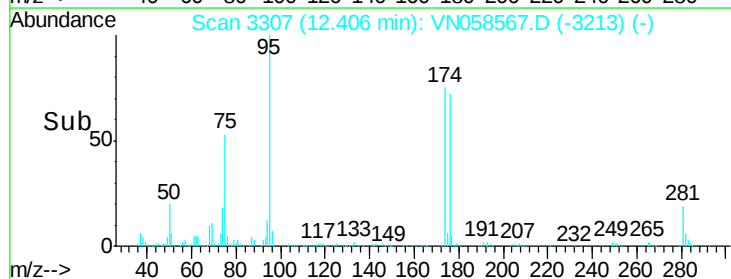
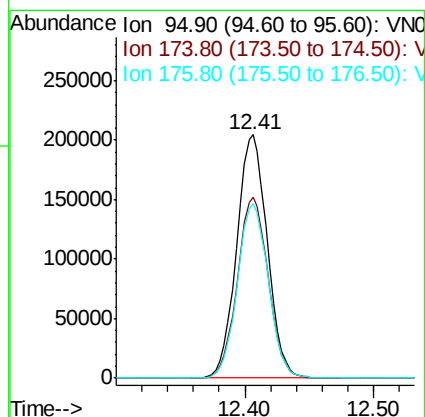
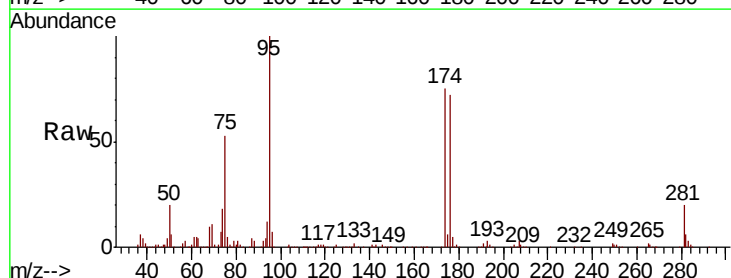
Tgt Ion: 95 Resp: 337126

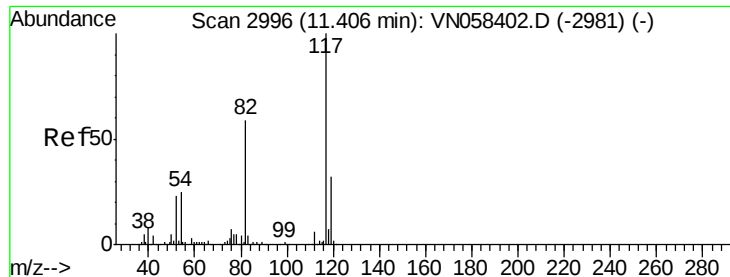
Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.6

176 72.3 0.0 146.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058567.D

Acq: 7 Oct 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBL02

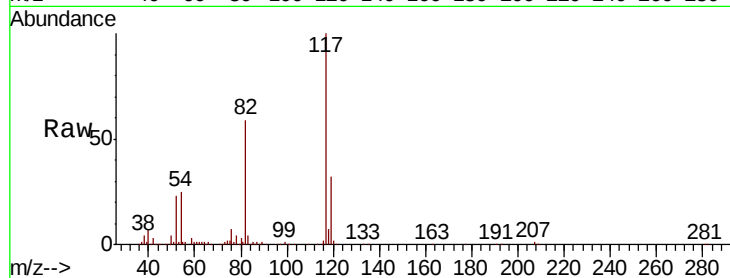
Tot Ion:117 Resp: 692671

Ion Ratio Lower Upper

117 100

82 59.4 47.4 71.0

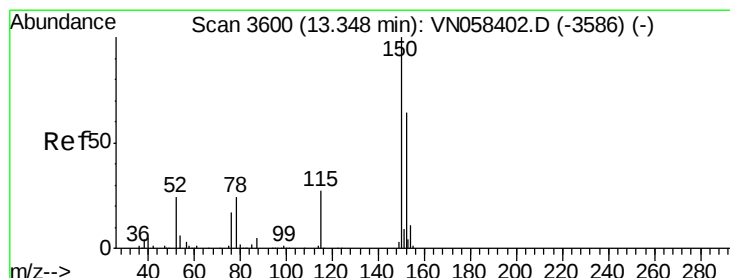
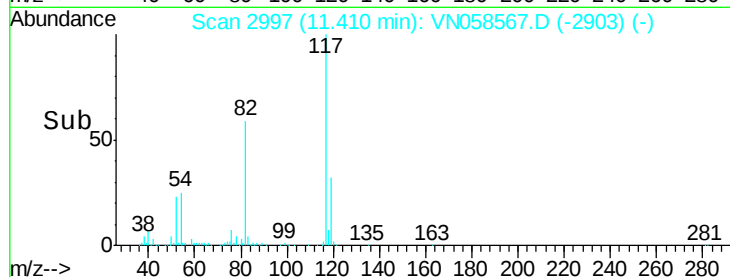
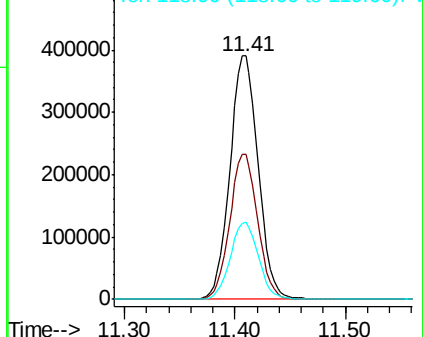
119 31.7 25.5 38.3



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: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058567.D

Acq: 7 Oct 2019 15:40

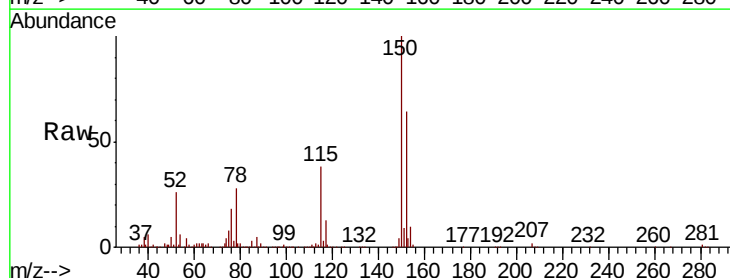
Tgt Ion:152 Resp: 282454

Ion Ratio Lower Upper

152 100

115 61.0 30.0 90.0

150 157.1 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

