

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101019\
 Data File : VN058643.D
 Acq On : 9 Oct 2019 16:36
 Operator : JC/SP
 Sample : VN1010WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBL01

Quant Time: Oct 10 04:52:20 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	438267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	694167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	603565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	241388	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	307778	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	7.57	113	220401	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.09	98	863203	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.40	95	281582	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	

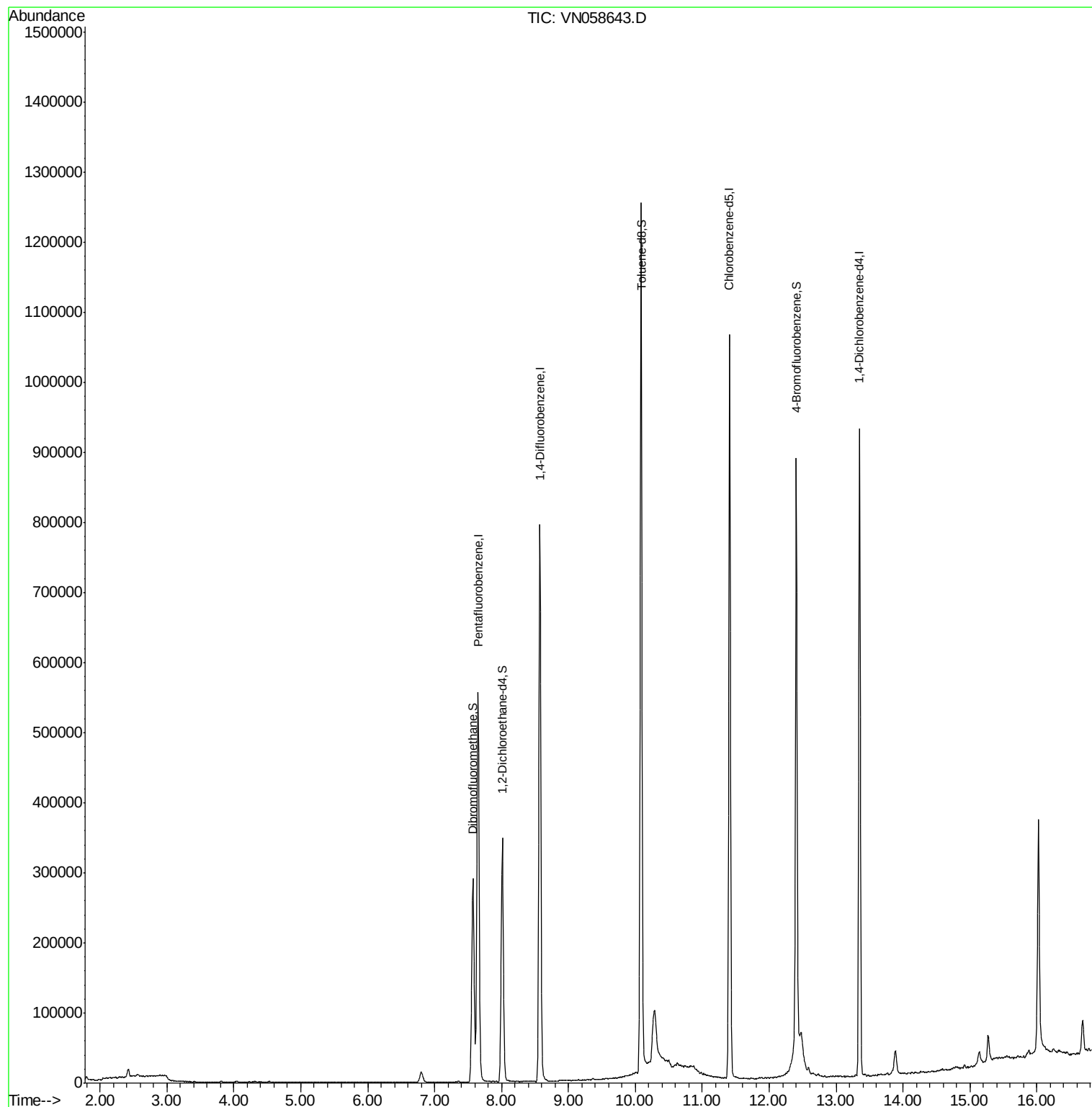
Target Compounds	Qvalue
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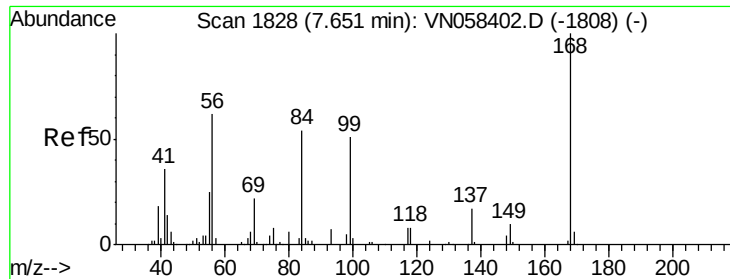
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058643.D

Acq: 9 Oct 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

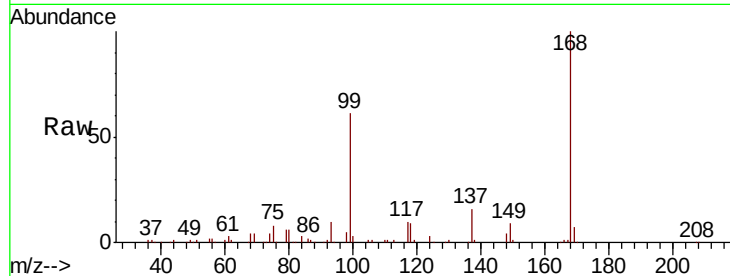
VN1010WBL01

Tot Ion:168 Resp: 438267

Ion Ratio Lower Upper

168 100

99 60.7 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

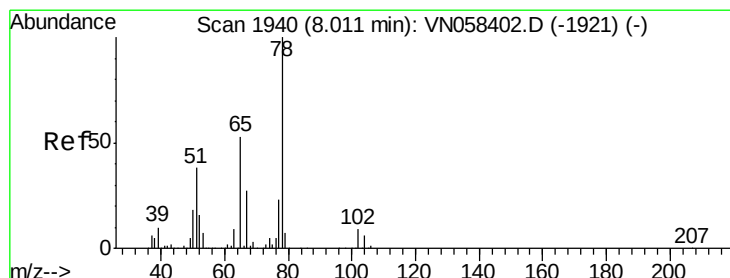
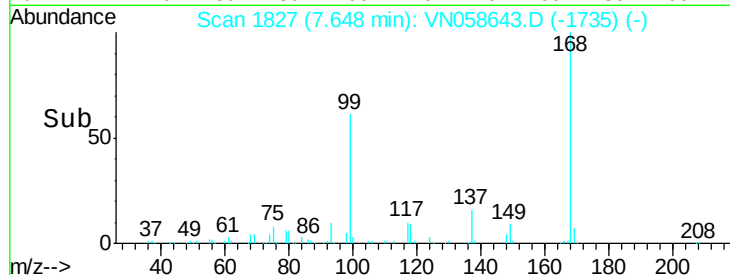
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.056 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058643.D

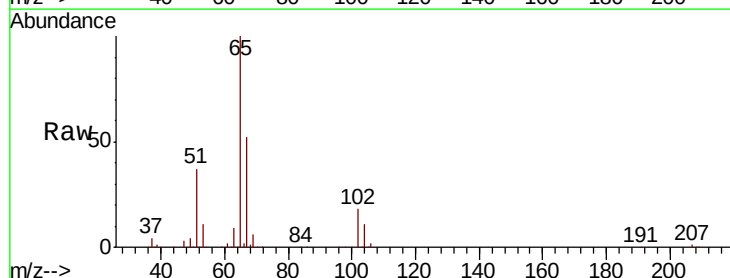
Acq: 9 Oct 2019 16:36

Tgt Ion: 65 Resp: 307778

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

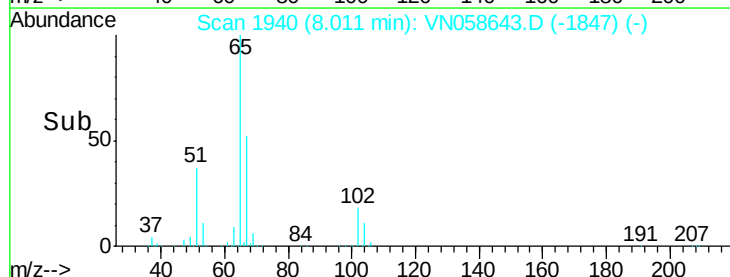
150000

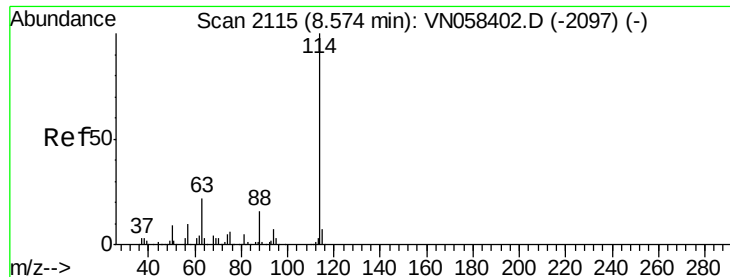
100000

50000

0

Time-->

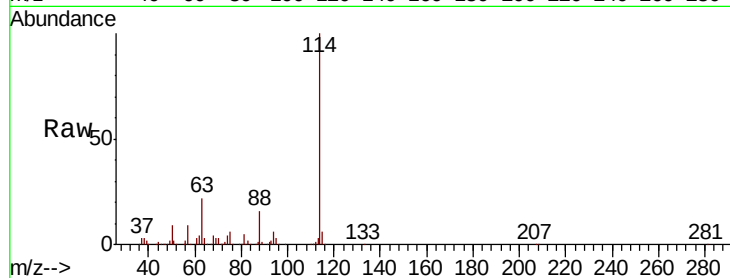




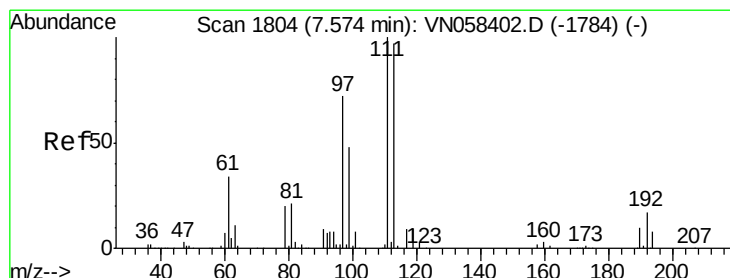
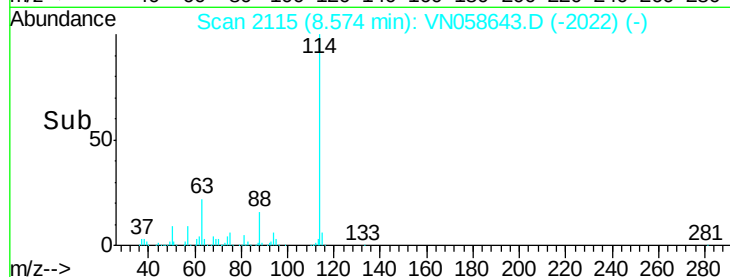
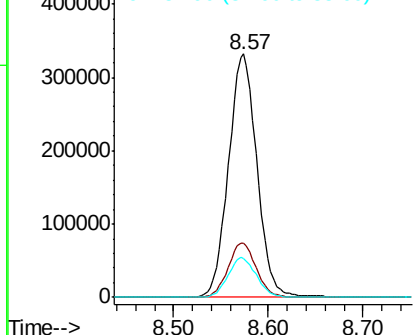
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058643.D
 Acq: 9 Oct 2019 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBL01

Tot Ion:114 Resp: 694167
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.2 0.0 32.2

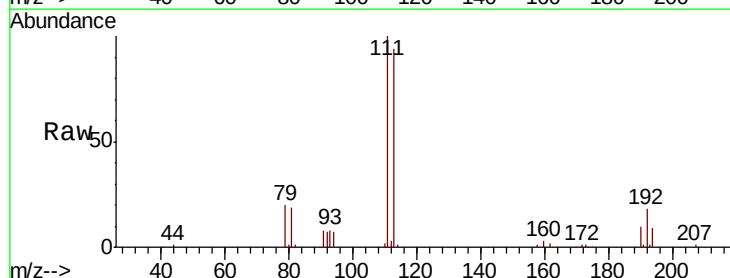


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

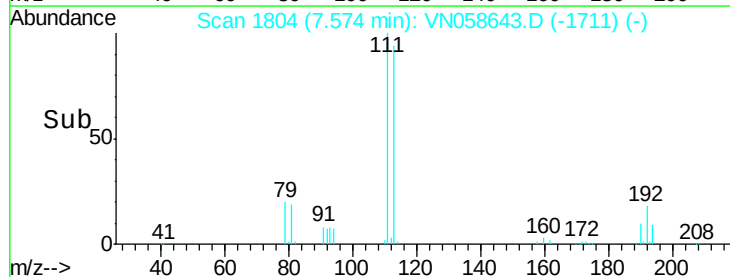
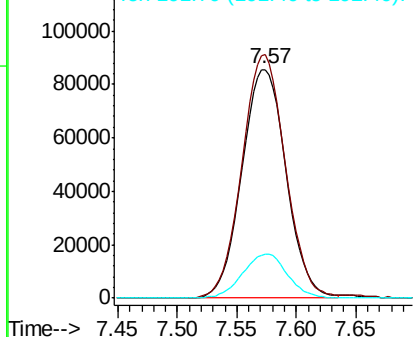


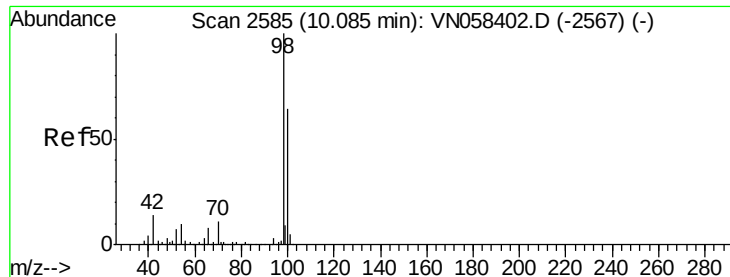
#35
 Dibromofluoromethane
 Concen: 51.804 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058643.D
 Acq: 9 Oct 2019 16:36

Tgt Ion:113 Resp: 220401
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.4 125.2
 192 19.5 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: 51.792 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058643.D

Acq: 9 Oct 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

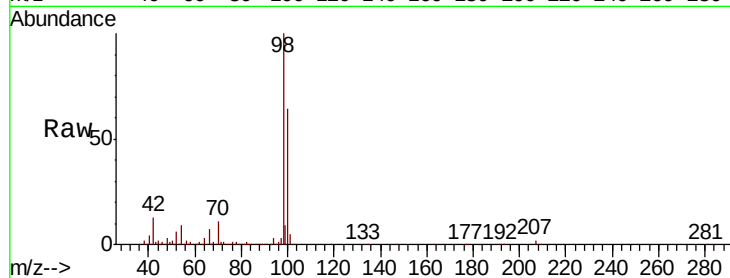
VN1010WBL01

Tot Ion: 98 Resp: 863203

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

500000

400000

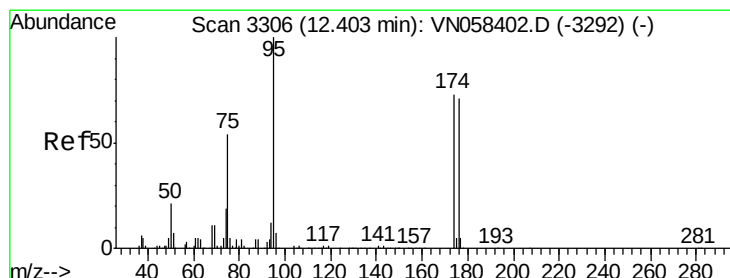
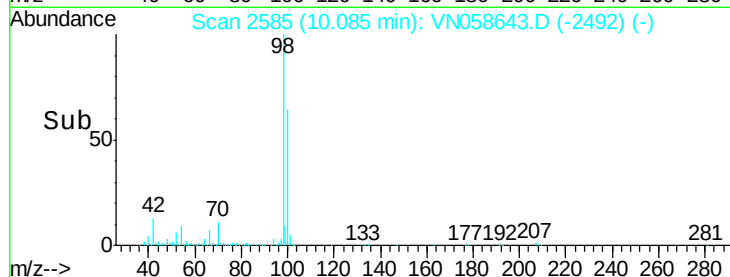
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.725 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058643.D

Acq: 9 Oct 2019 16:36

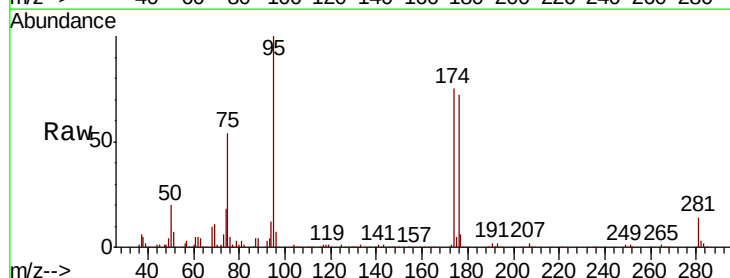
Tgt Ion: 95 Resp: 281582

Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.6

176 74.1 0.0 146.2



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

200000

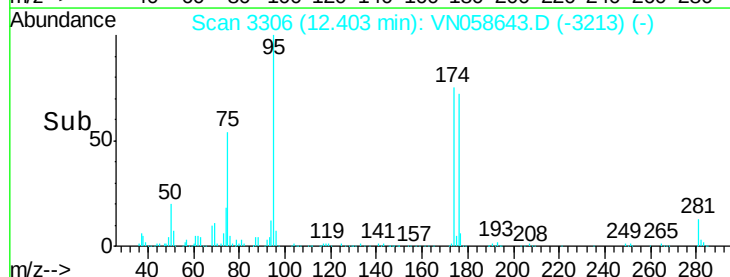
150000

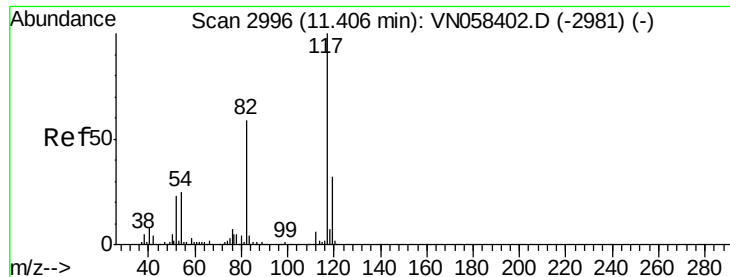
100000

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: VN058643.D

Acq: 9 Oct 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBL01

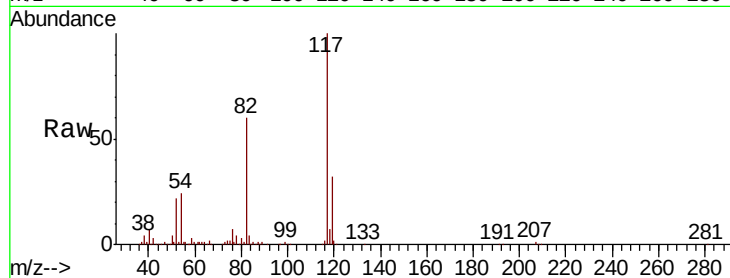
Tot Ion:117 Resp: 603565

Ion Ratio Lower Upper

117 100

82 59.6 47.4 71.0

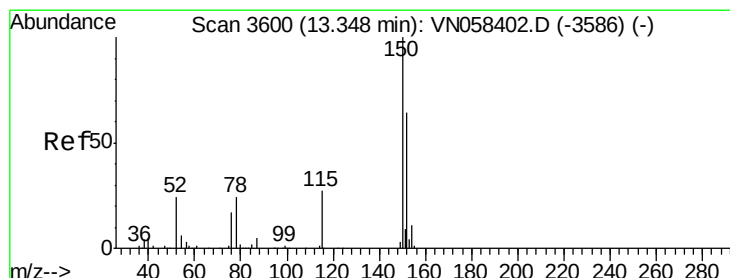
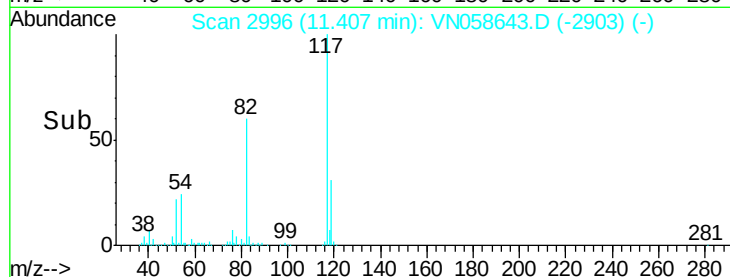
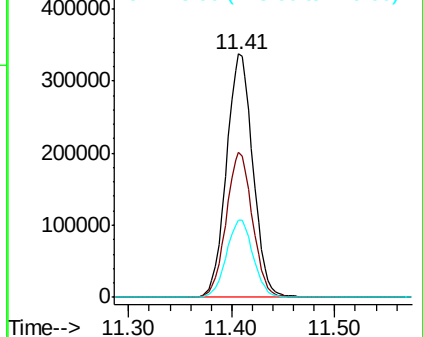
119 31.5 25.5 38.3



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: VN058643.D

Acq: 9 Oct 2019 16:36

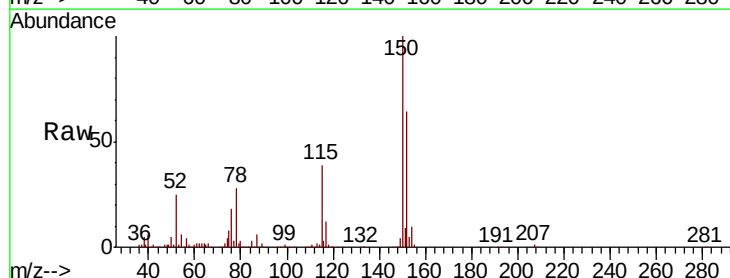
Tgt Ion:152 Resp: 241388

Ion Ratio Lower Upper

152 100

115 60.3 30.0 90.0

150 155.4 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

