

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058509.D
 Acq On : 3 Oct 2019 14:59
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 04 04:40:39 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	332838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	552774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	471746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	175263	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	250871	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	7.57	113	174167	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	10.08	98	691485	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.41	95	208754	43.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.00%	

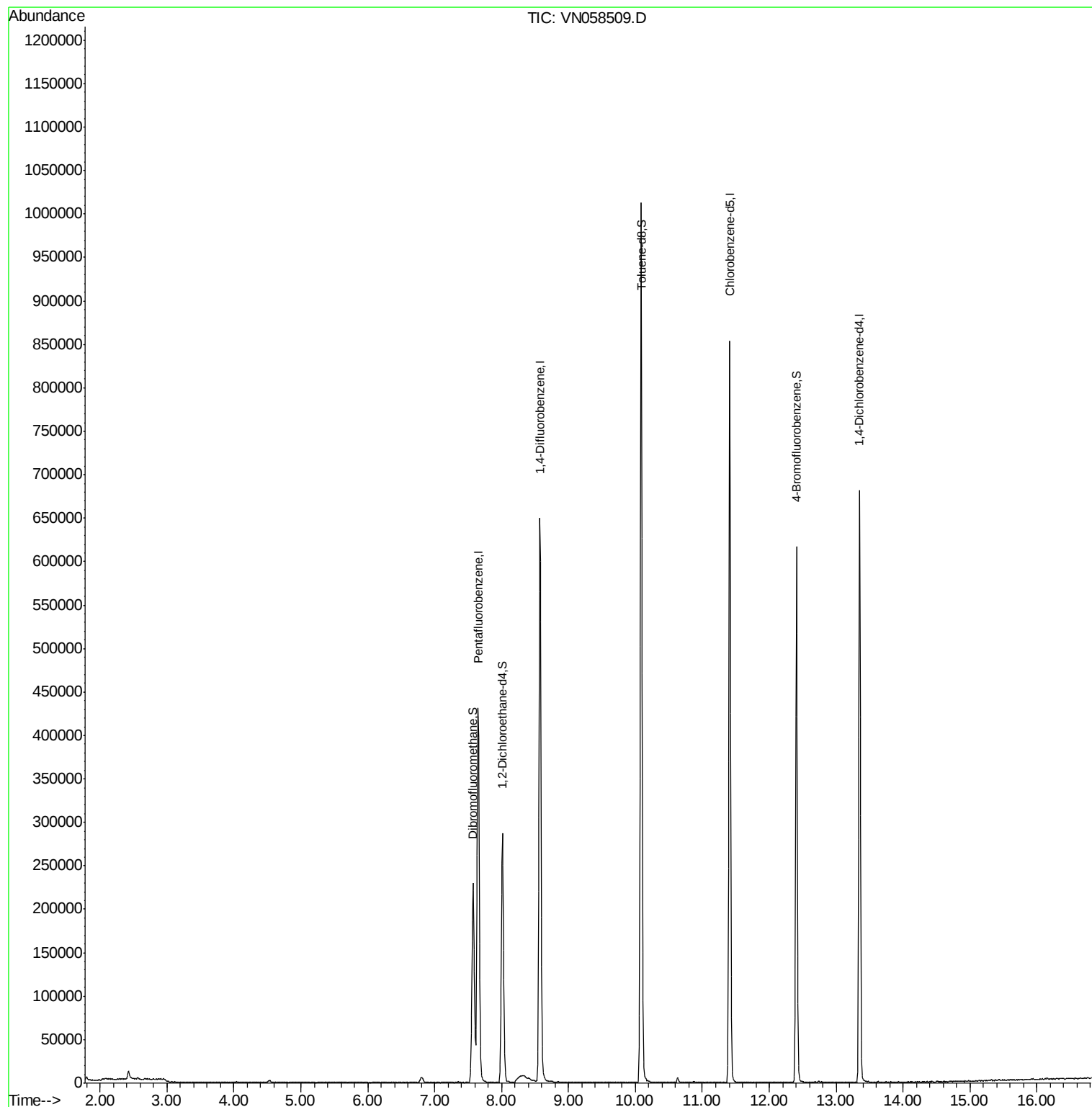
Target Compounds	Qvalue

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

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QLast Update : Mon Sep 30 08:07:38 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: VN058509.D

Acq: 3 Oct 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

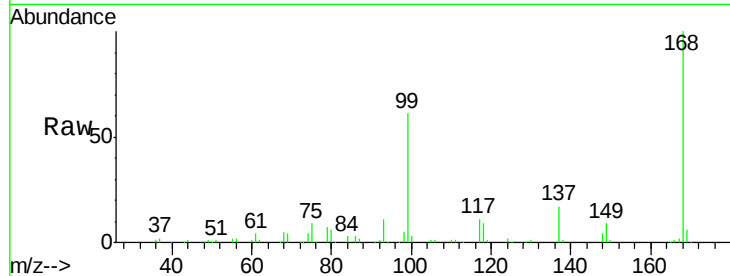
IBLK

Tot Ion:168 Resp: 332838

Ion Ratio Lower Upper

168 100

99 60.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

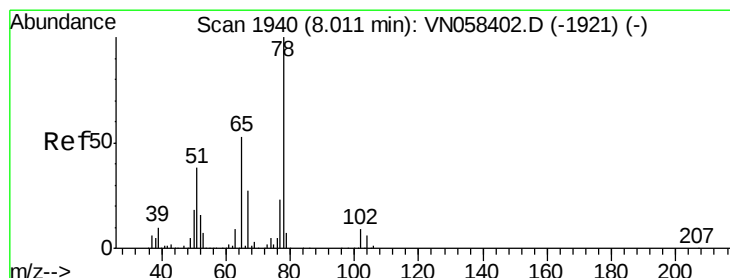
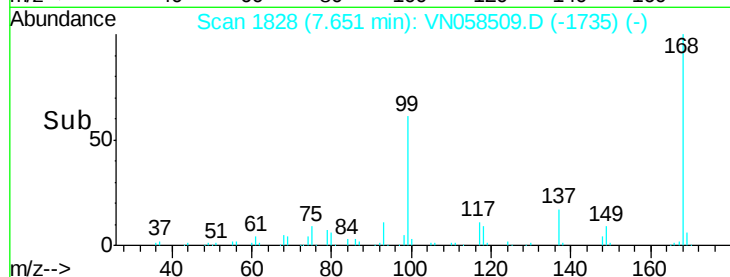
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.578 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058509.D

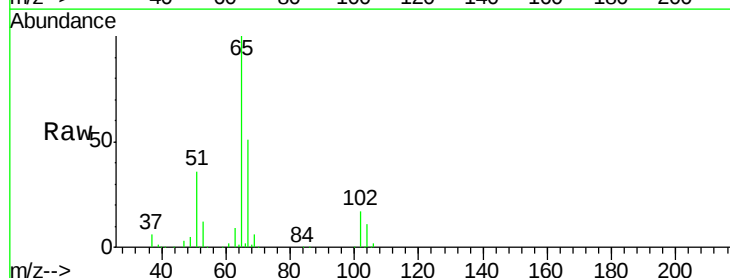
Acq: 3 Oct 2019 14:59

Tgt Ion: 65 Resp: 250871

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

120000

100000

80000

60000

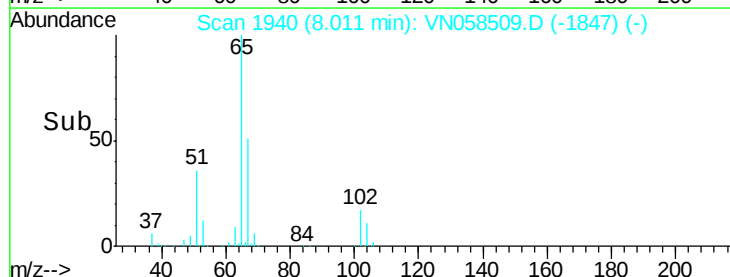
40000

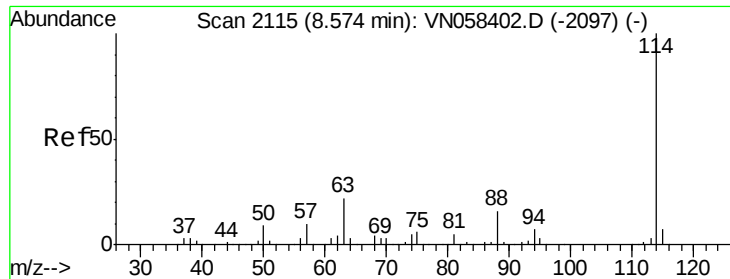
20000

0

7.90 8.00 8.10

Time-->

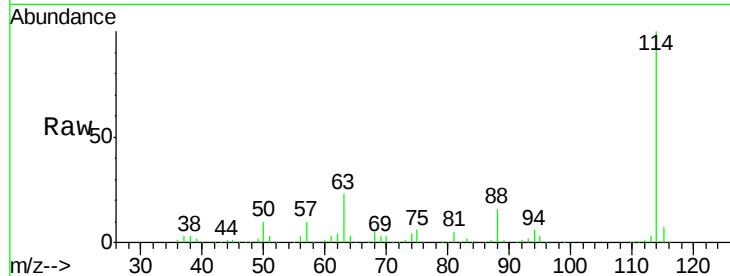




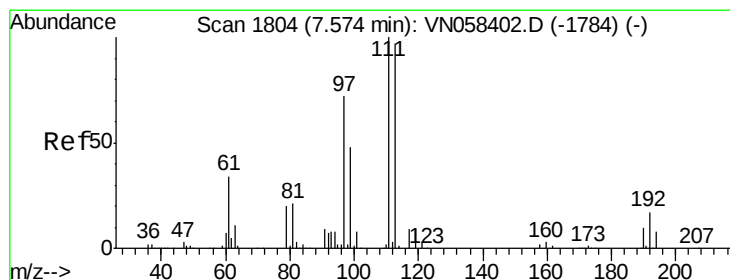
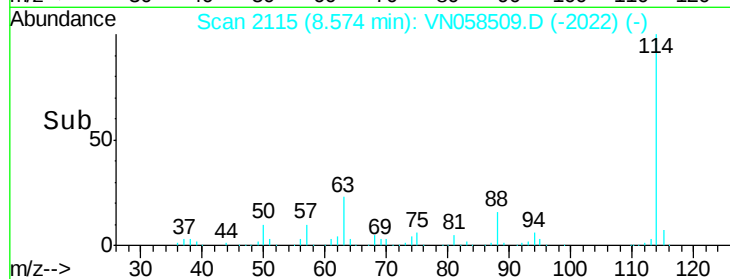
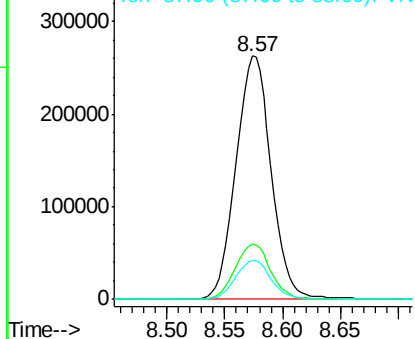
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058509.D
 Acq: 3 Oct 2019 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tot Ion:114 Resp: 552774
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 16.1 0.0 32.2

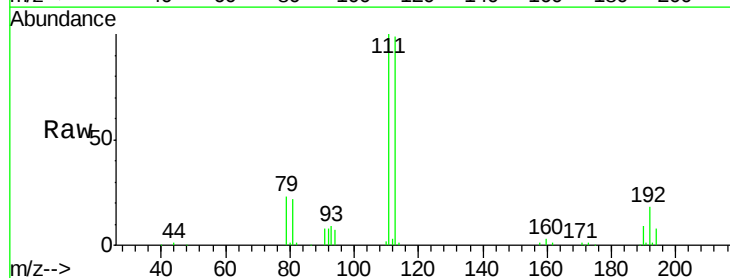


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

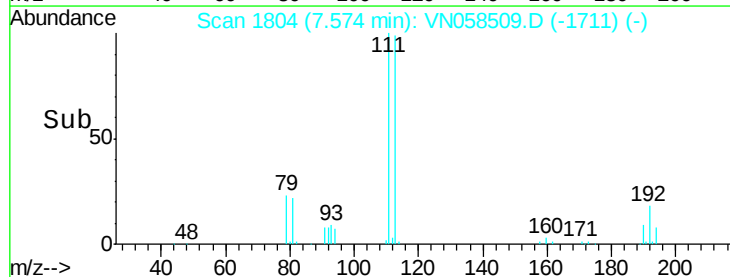
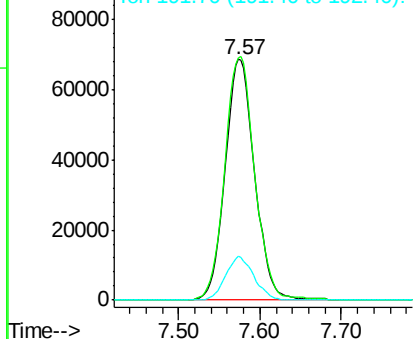


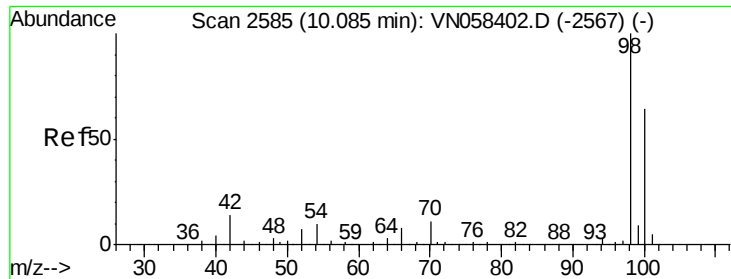
#35
 Dibromofluoromethane
 Concen: 51.409 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058509.D
 Acq: 3 Oct 2019 14:59

Tgt Ion:113 Resp: 174167
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.2
 192 17.4 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: 52.102 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058509.D

Acq: 3 Oct 2019 14:59

Instrument :

MSVOA_N

ClientSampled :

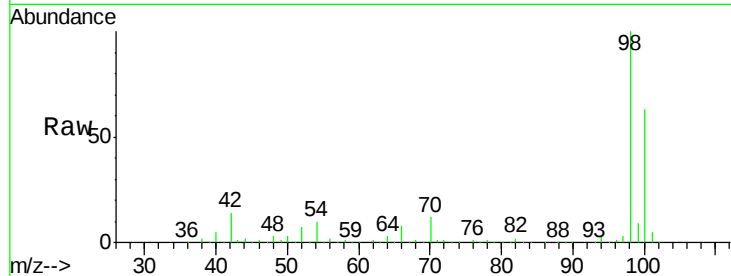
IBLK

Tot Ion: 98 Resp: 691485

Ion Ratio Lower Upper

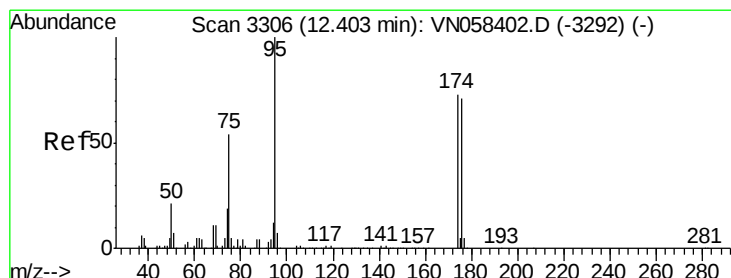
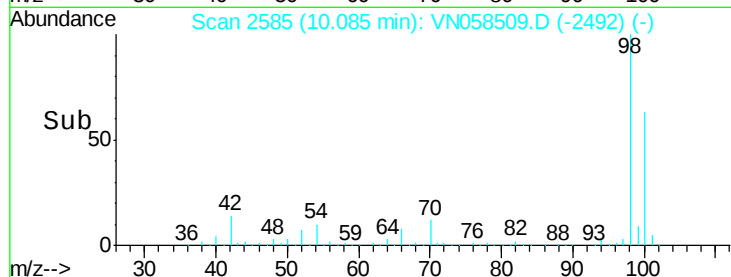
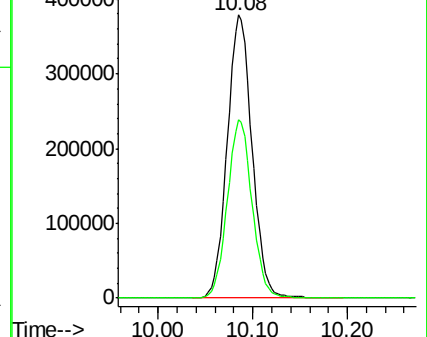
98 100

100 62.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 43.501 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058509.D

Acq: 3 Oct 2019 14:59

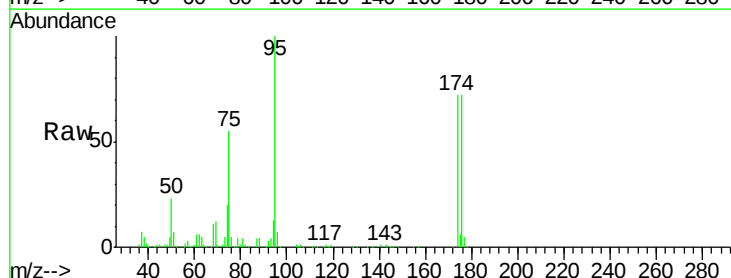
Tgt Ion: 95 Resp: 208754

Ion Ratio Lower Upper

95 100

174 72.9 0.0 150.6

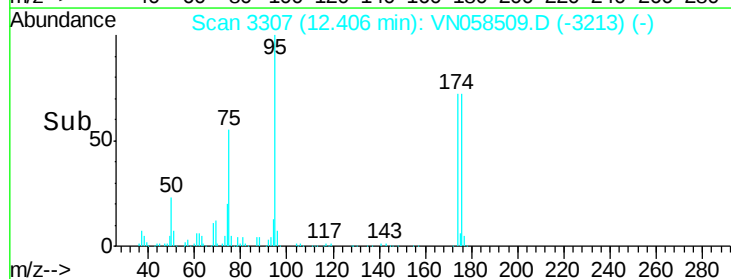
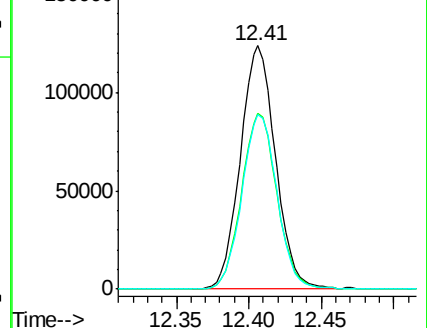
176 72.0 0.0 146.2

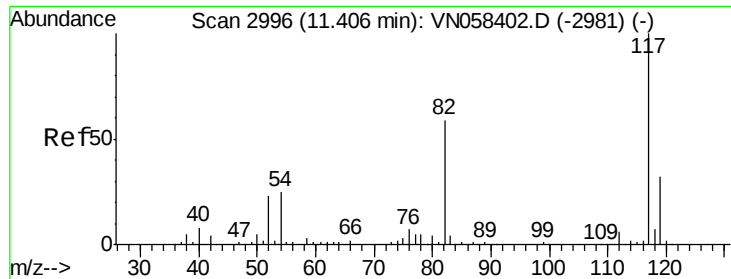


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN

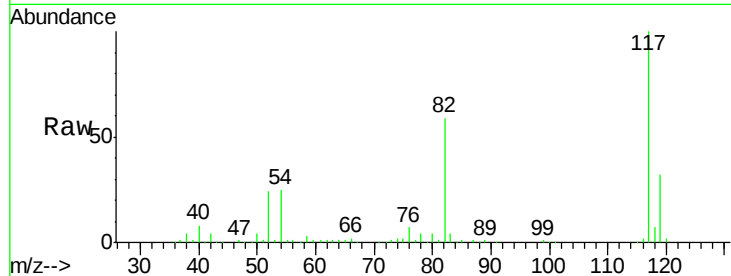




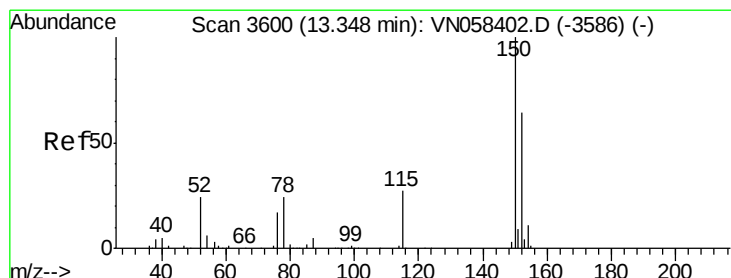
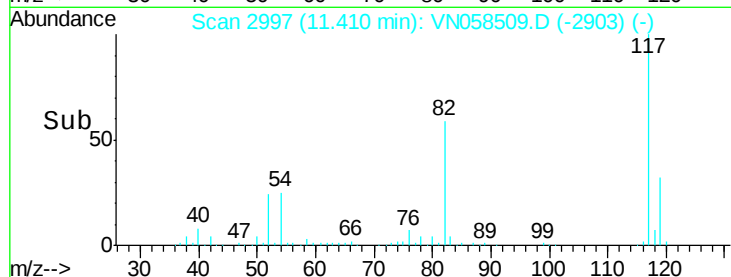
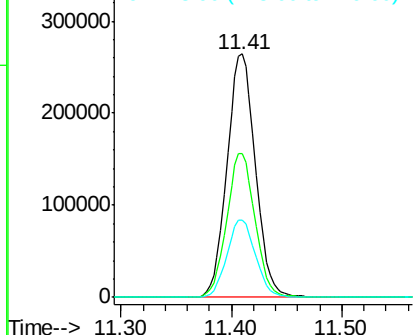
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058509.D
Acq: 3 Oct 2019 14:59

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tot Ion:117 Resp: 471746
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.0
119 31.7 25.5 38.3

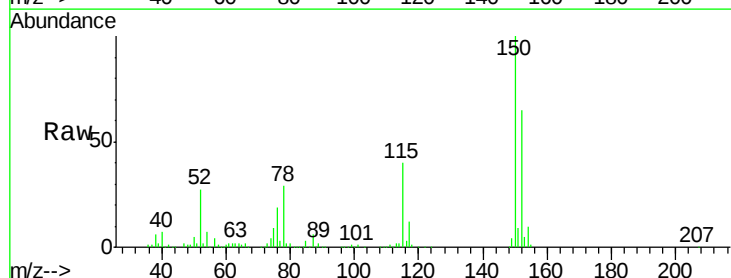


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058509.D
Acq: 3 Oct 2019 14:59

Tgt Ion:152 Resp: 175263
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.0
150 155.3 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

