

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060770.D
 Acq On : 30 Mar 2020 15:04
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 31 08:42:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	326007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	303086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140000	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125116	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
35) Dibromofluoromethane	7.56	113	95808	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	10.08	98	403062	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	149248	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

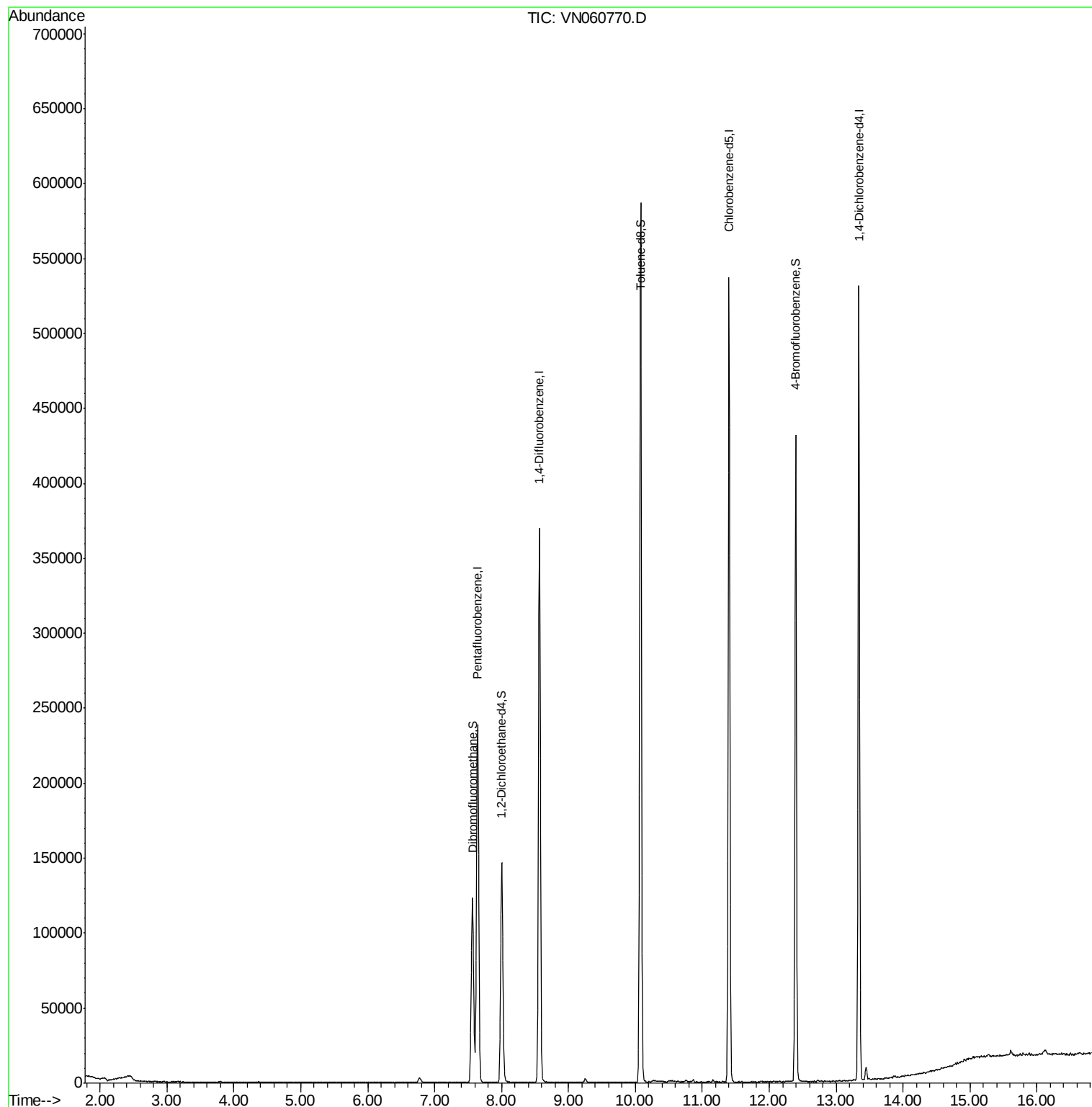
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060770.D

Acq: 30 Mar 2020 15:04

Instrument :

MSVOA_N

ClientSampled :

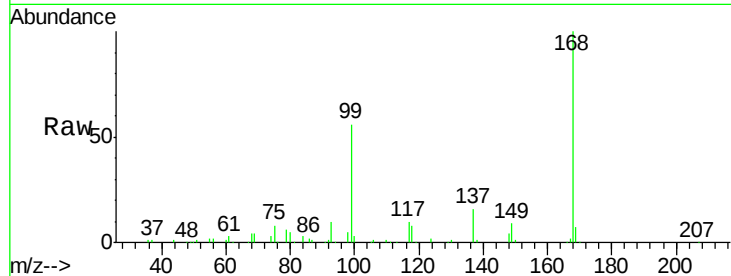
IBLK

Tot Ion:168 Resp: 198097

Ion Ratio Lower Upper

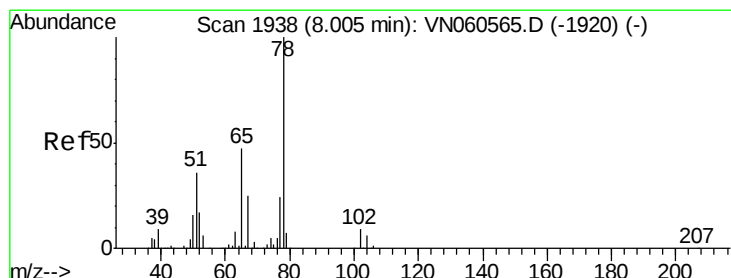
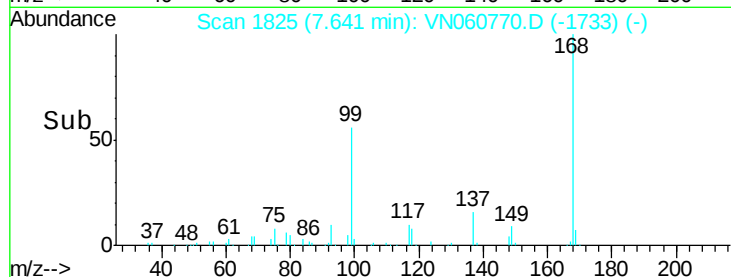
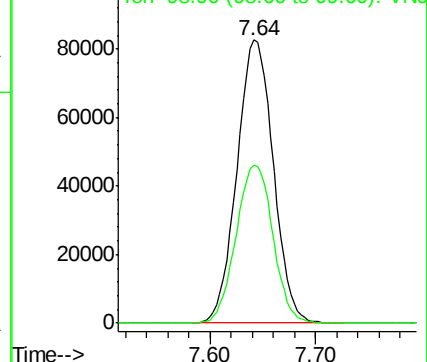
168 100

99 55.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 46.008 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060770.D

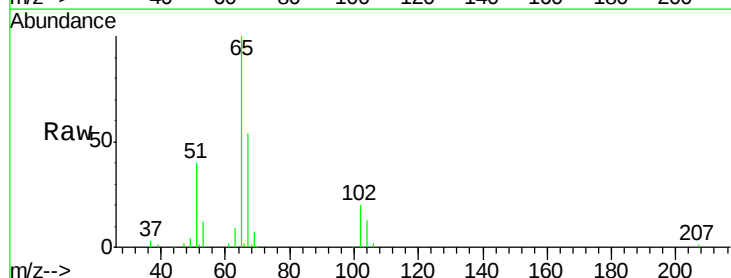
Acq: 30 Mar 2020 15:04

Tgt Ion: 65 Resp: 125116

Ion Ratio Lower Upper

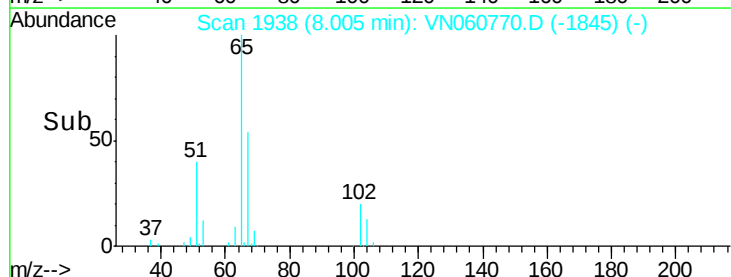
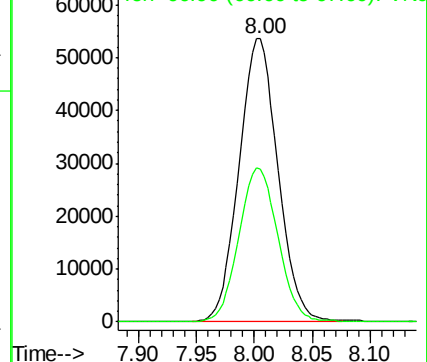
65 100

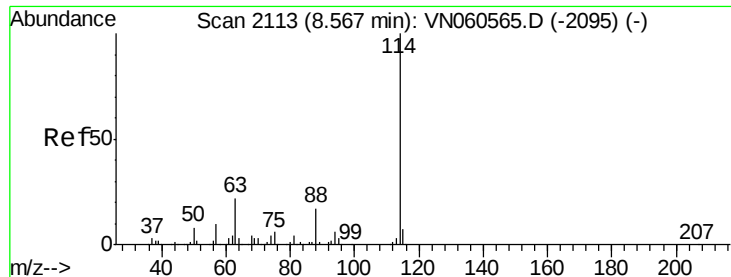
67 54.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

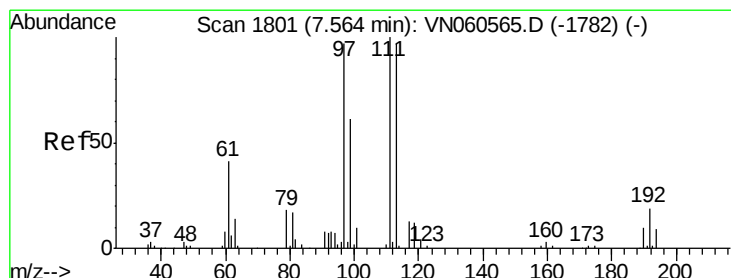
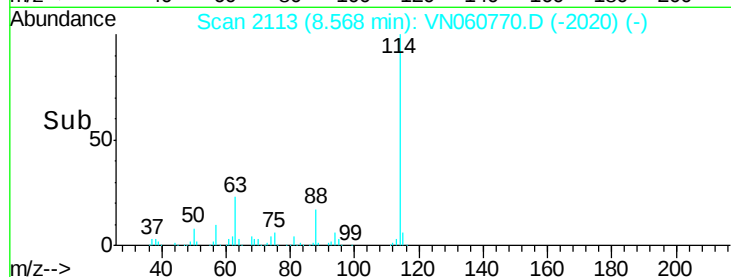
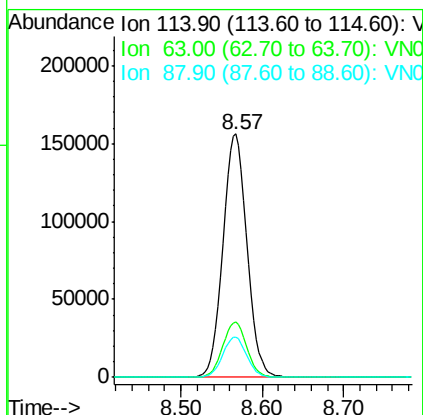
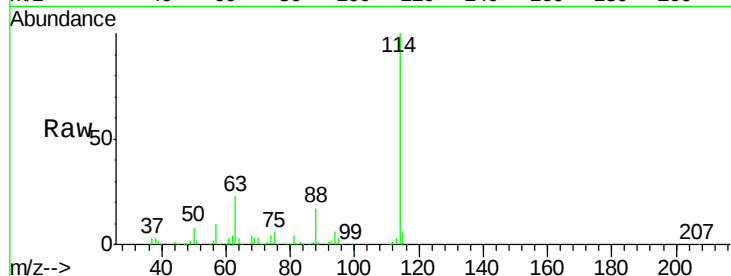




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060770.D
 Acq: 30 Mar 2020 15:04

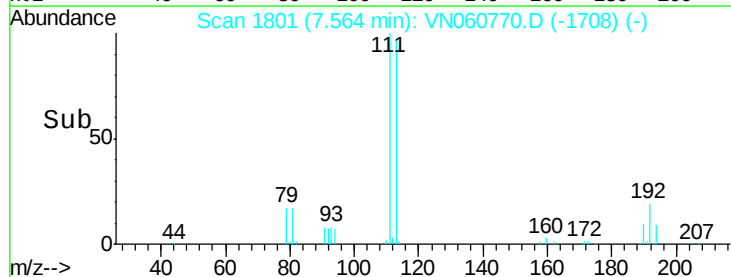
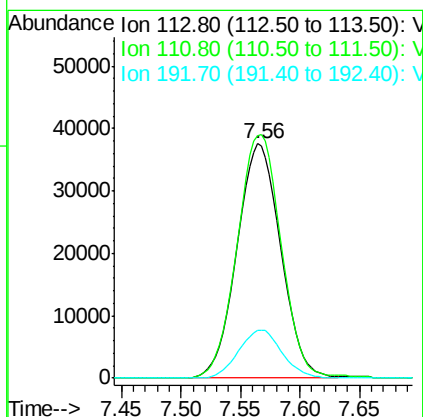
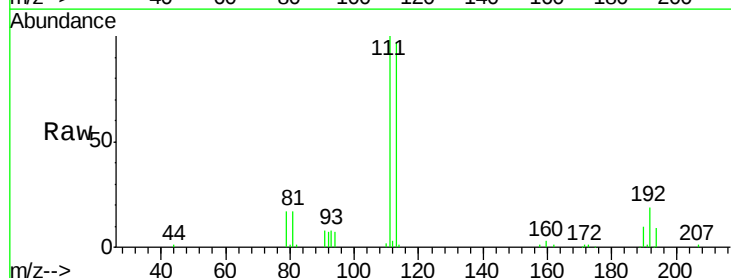
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

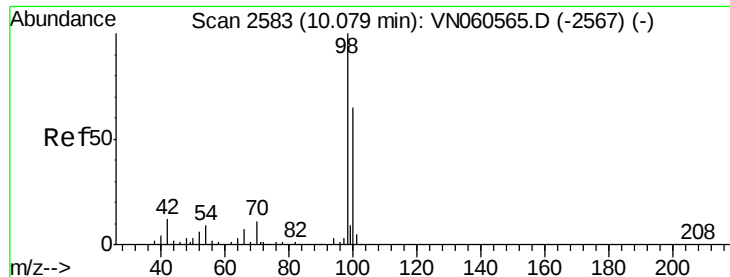
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.8
88	16.5	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 48.602 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060770.D
 Acq: 30 Mar 2020 15:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.9	124.3
192	20.3	15.8	23.8





#50

Toluene-d8

Concen: 50.058 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060770.D

Acq: 30 Mar 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

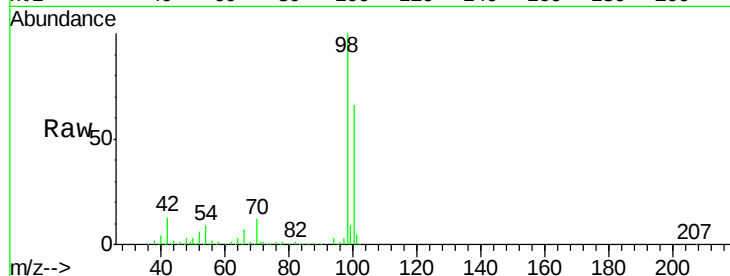
IBLK

Tot Ion: 98 Resp: 403062

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

250000

200000

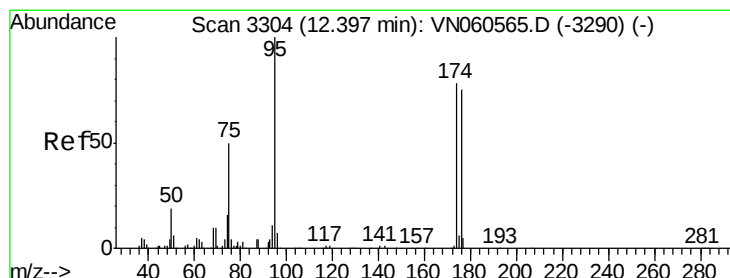
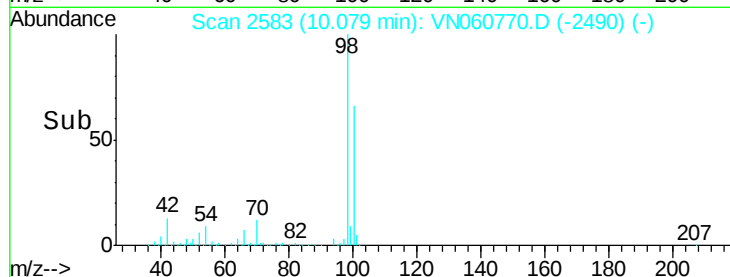
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.577 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060770.D

Acq: 30 Mar 2020 15:04

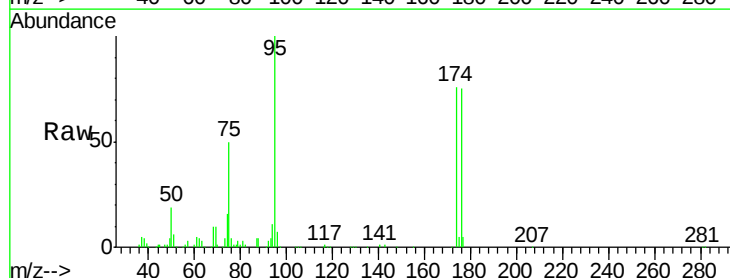
Tgt Ion: 95 Resp: 149248

Ion Ratio Lower Upper

95 100

174 77.5 0.0 157.6

176 75.2 0.0 150.6



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

120000

100000

80000

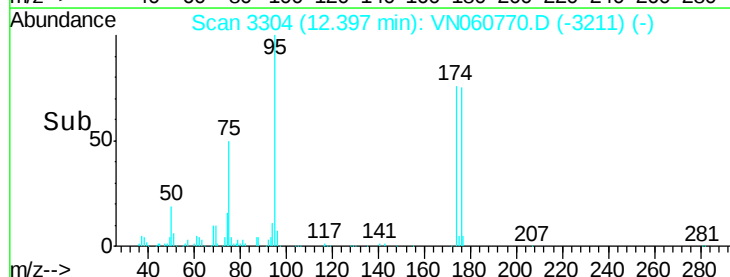
60000

40000

20000

0

Time-->

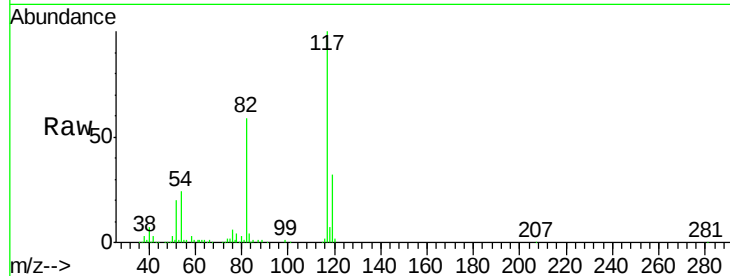




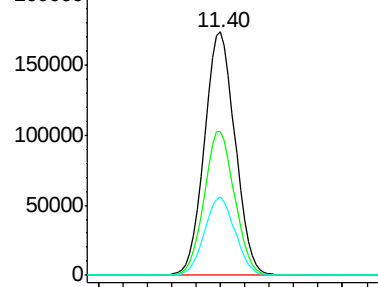
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060770.D
Acq: 30 Mar 2020 15:04

Instrument :
MSVOA_N
ClientSampleId :
IBLK

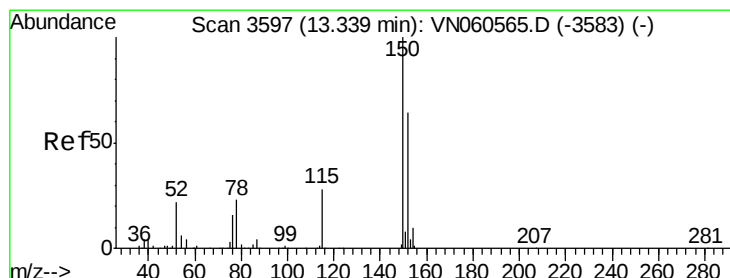
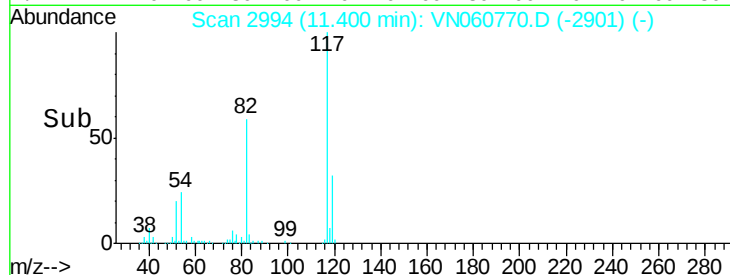
Tot Ion:117 Resp: 303086
Ion Ratio Lower Upper
117 100
82 59.2 46.7 70.1
119 32.0 25.5 38.3



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

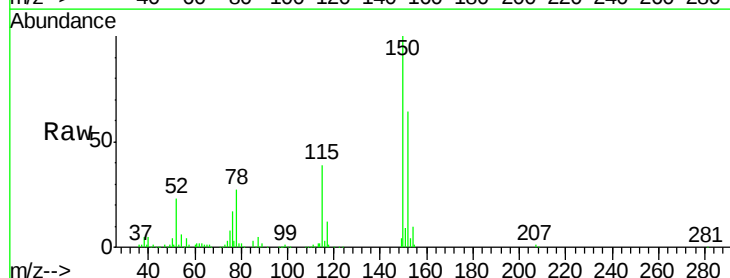


Time--> 11.30 11.40 11.50

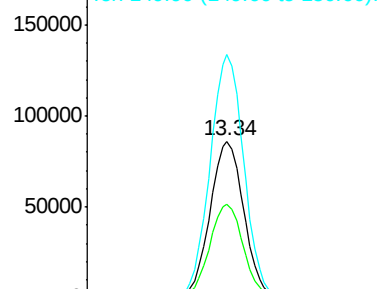


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060770.D
Acq: 30 Mar 2020 15:04

Tgt Ion:152 Resp: 140000
Ion Ratio Lower Upper
152 100
115 59.7 30.2 90.6
150 155.2 0.0 350.2



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



Time--> 13.25 13.30 13.35 13.40

