

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059347.D
 Acq On : 21 Nov 2019 19:30
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 22 07:16:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	369032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	571255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	177913	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	212514	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.57	113	167937	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	10.08	98	682033	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	218096	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	

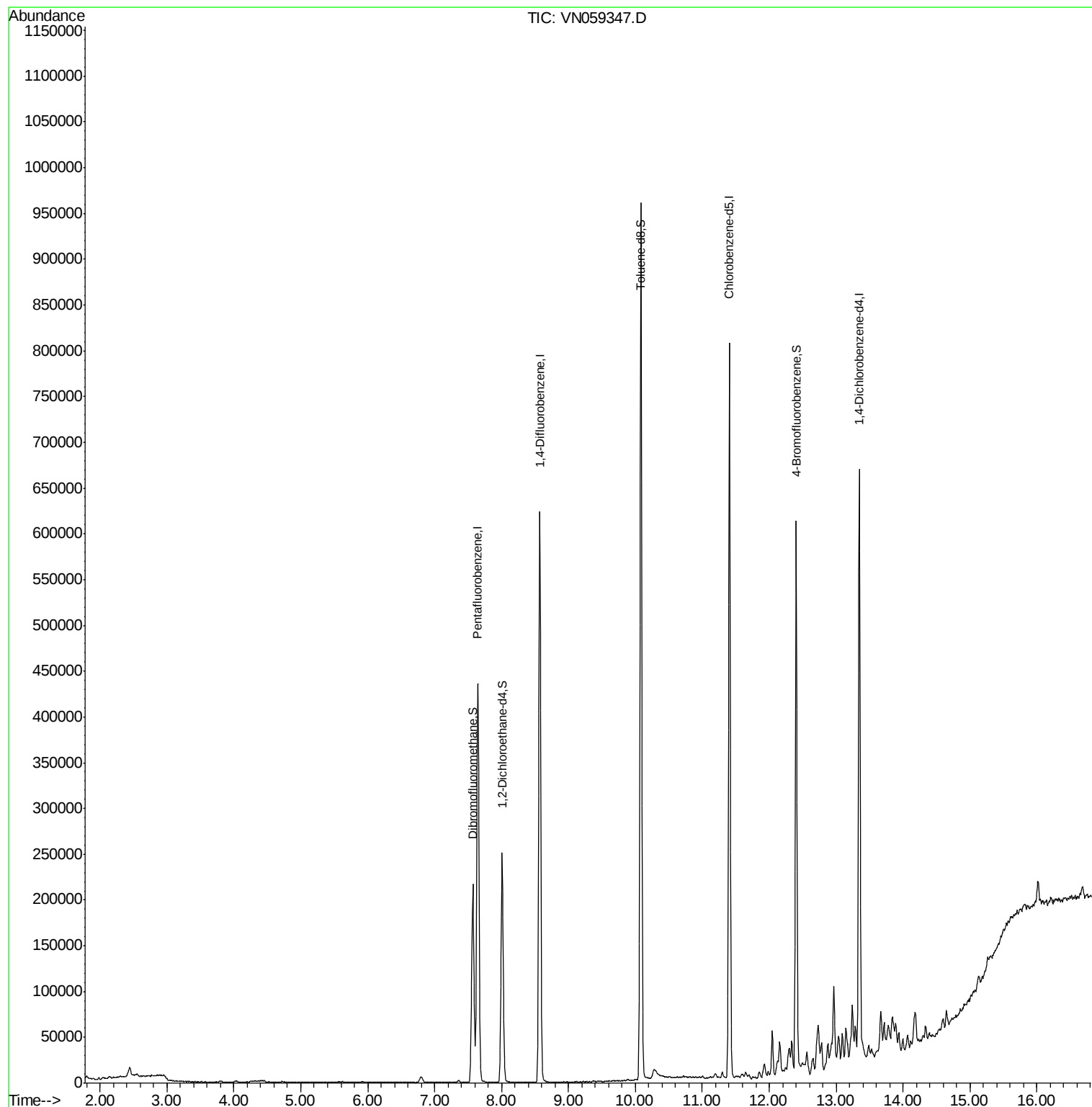
Target Compounds	Qvalue

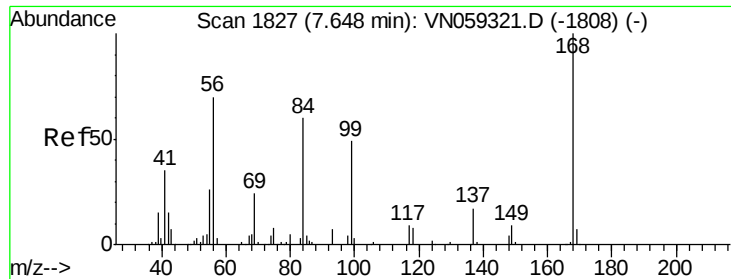
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112119\
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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
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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: VN059347.D

Acq: 21 Nov 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

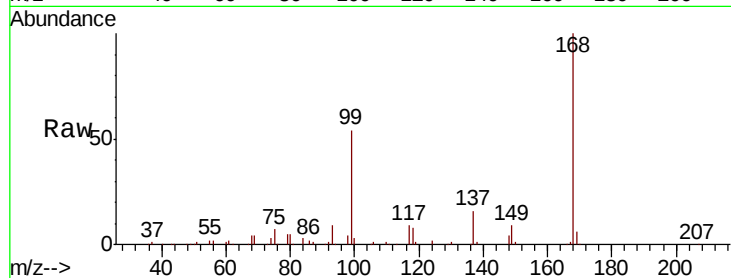
IBLK

Tot Ion:168 Resp: 369032

Ion Ratio Lower Upper

168 100

99 53.9 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059347.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN059347.D (-1734) (-)

7.65

150000

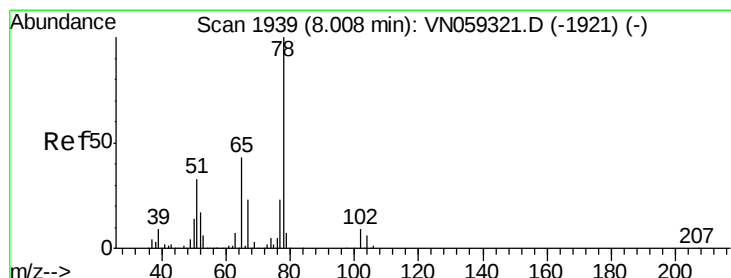
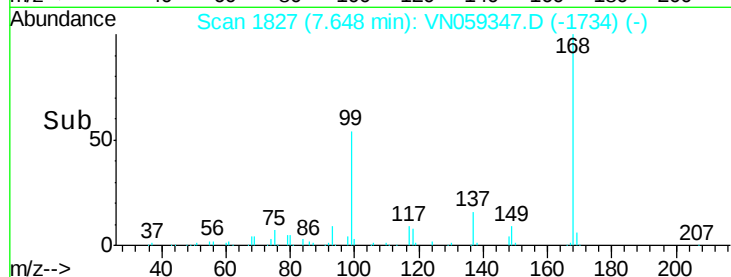
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.996 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059347.D

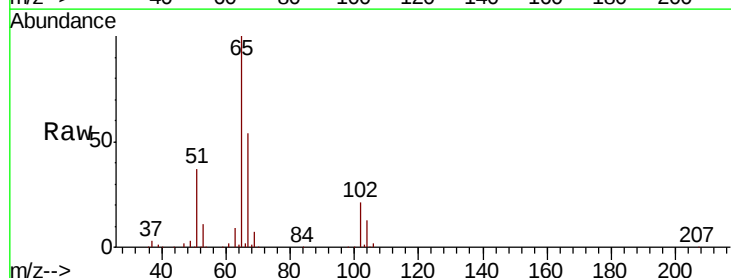
Acq: 21 Nov 2019 19:30

Tgt Ion: 65 Resp: 212514

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN059347.D (-1846) (-)

Ion 66.90 (66.60 to 67.60): VN059347.D (-1846) (-)

8.01

100000

80000

60000

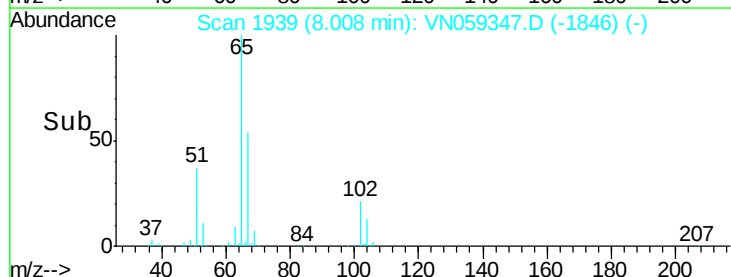
40000

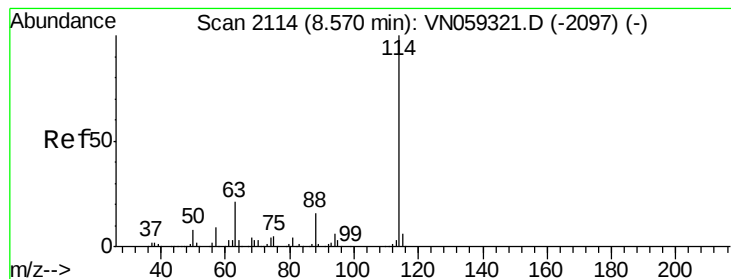
20000

0

7.90 8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059347.D

Acq: 21 Nov 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

IBLK

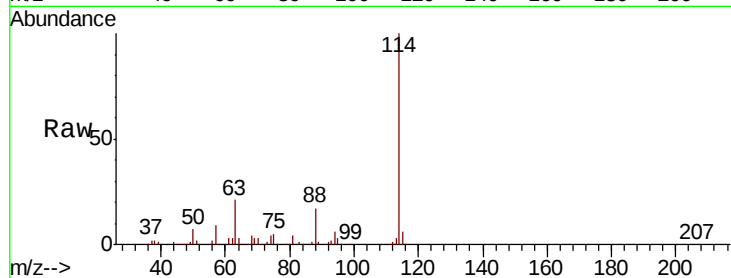
Tot Ion:114 Resp: 571255

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

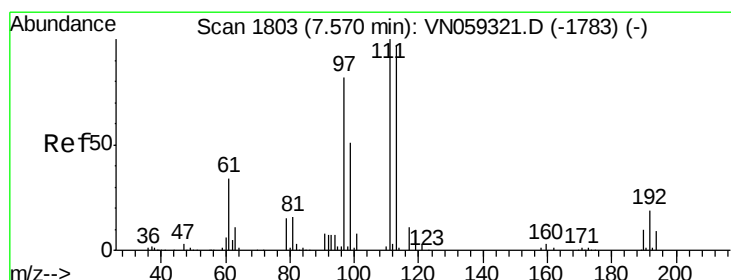
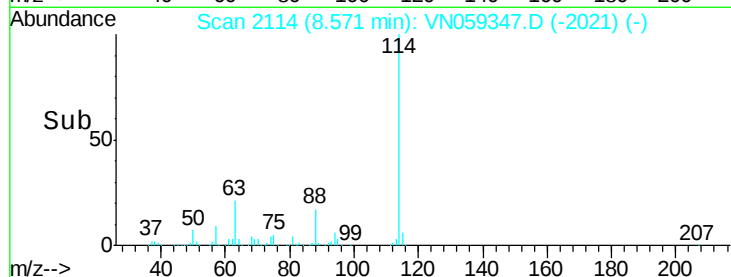
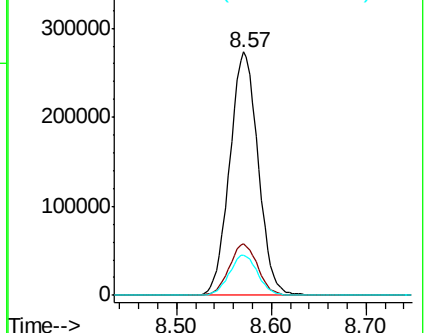
88 16.5 0.0 32.2



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: 49.001 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059347.D

Acq: 21 Nov 2019 19:30

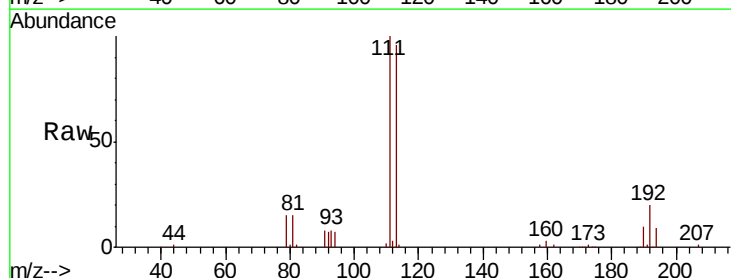
Tgt Ion:113 Resp: 167937

Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

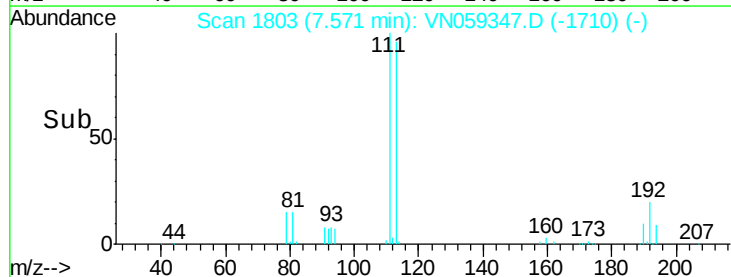
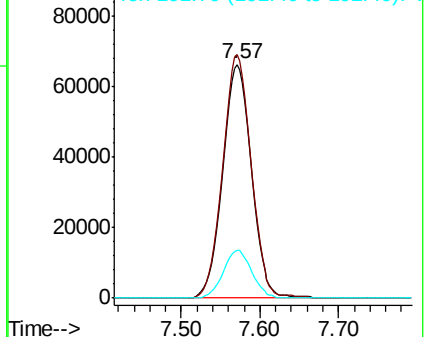
192 20.3 16.3 24.5

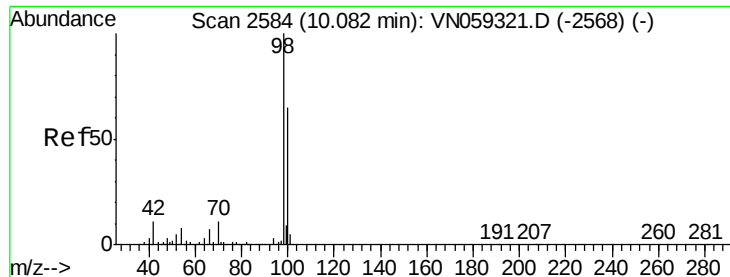


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.059 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059347.D

Acq: 21 Nov 2019 19:30

Instrument :

MSVOA_N

ClientSampleId :

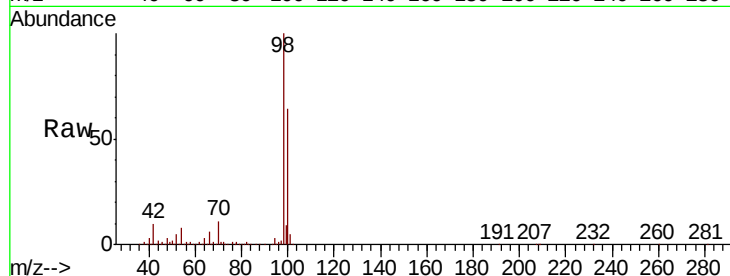
IBLK

Tot Ion: 98 Resp: 682033

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN059321.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN059321.D (-2568) (-)

10.08

400000

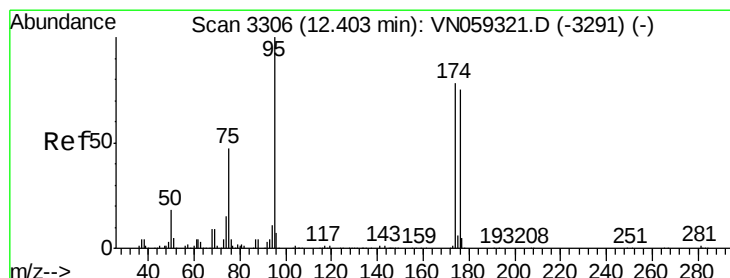
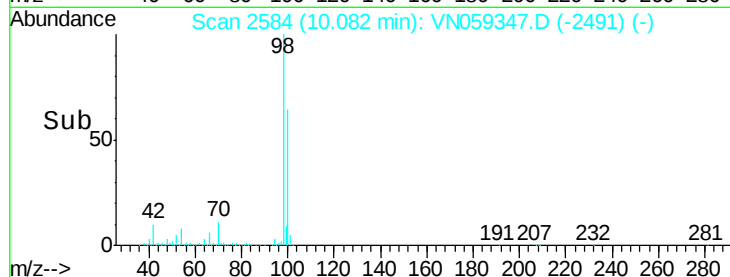
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.781 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059347.D

Acq: 21 Nov 2019 19:30

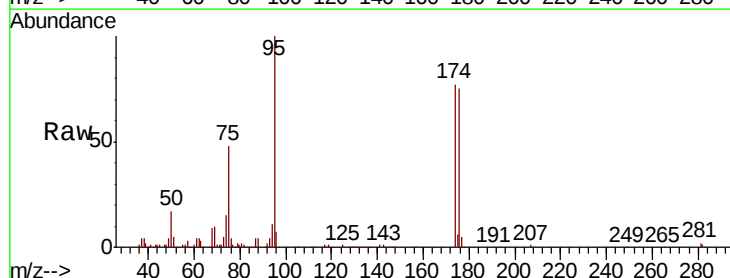
Tgt Ion: 95 Resp: 218096

Ion Ratio Lower Upper

95 100

174 77.5 0.0 157.4

176 74.7 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VN059321.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059321.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059321.D (-3291) (-)

12.40

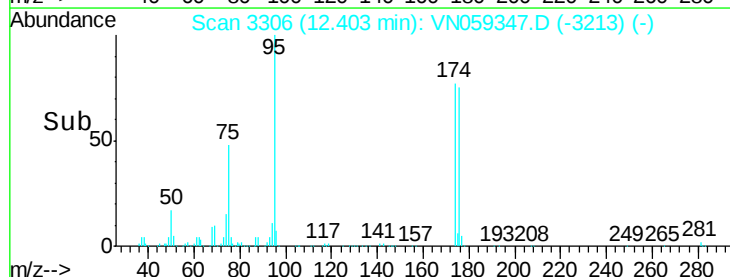
150000

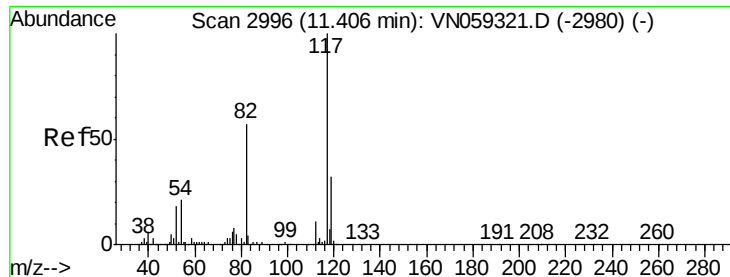
100000

50000

0

Time-->

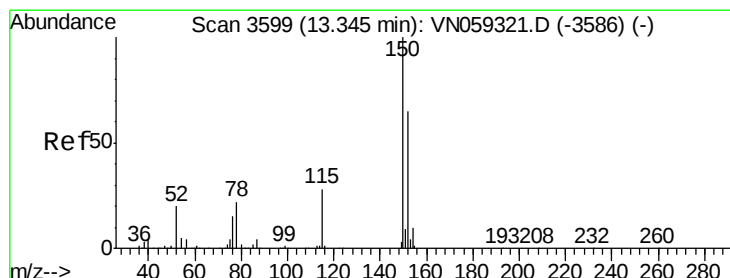
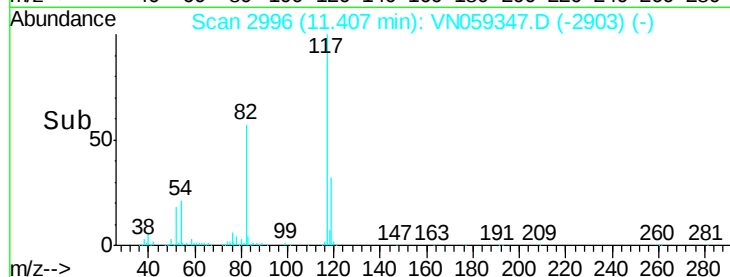
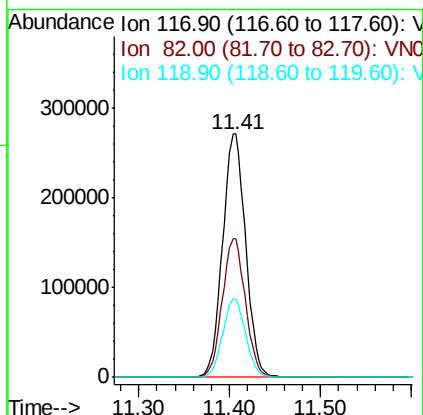
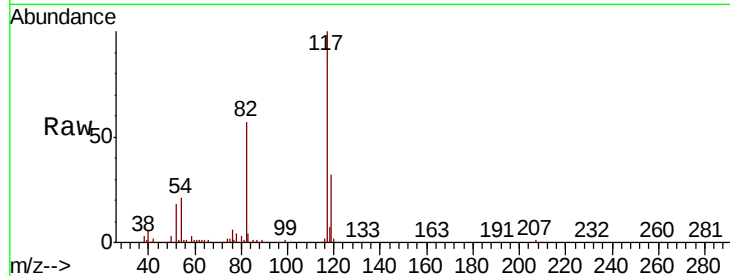




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059347.D
Acq: 21 Nov 2019 19:30

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion:117 Resp: 478252
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059347.D
Acq: 21 Nov 2019 19:30

Tgt Ion:152 Resp: 177913
Ion Ratio Lower Upper
152 100
115 58.7 29.3 88.0
150 157.2 0.0 346.0

