

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052408.D
 Acq On : 20 Nov 2018 15:32
 Operator : MD\SY
 Sample : PB114952ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114952ZHE#02

Quant Time: Nov 20 16:00:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	308020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	509830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	431954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146029	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	228659	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
35) Dibromofluoromethane	7.59	113	169805	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.09	98	651983	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.40	95	184974	43.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.94%	

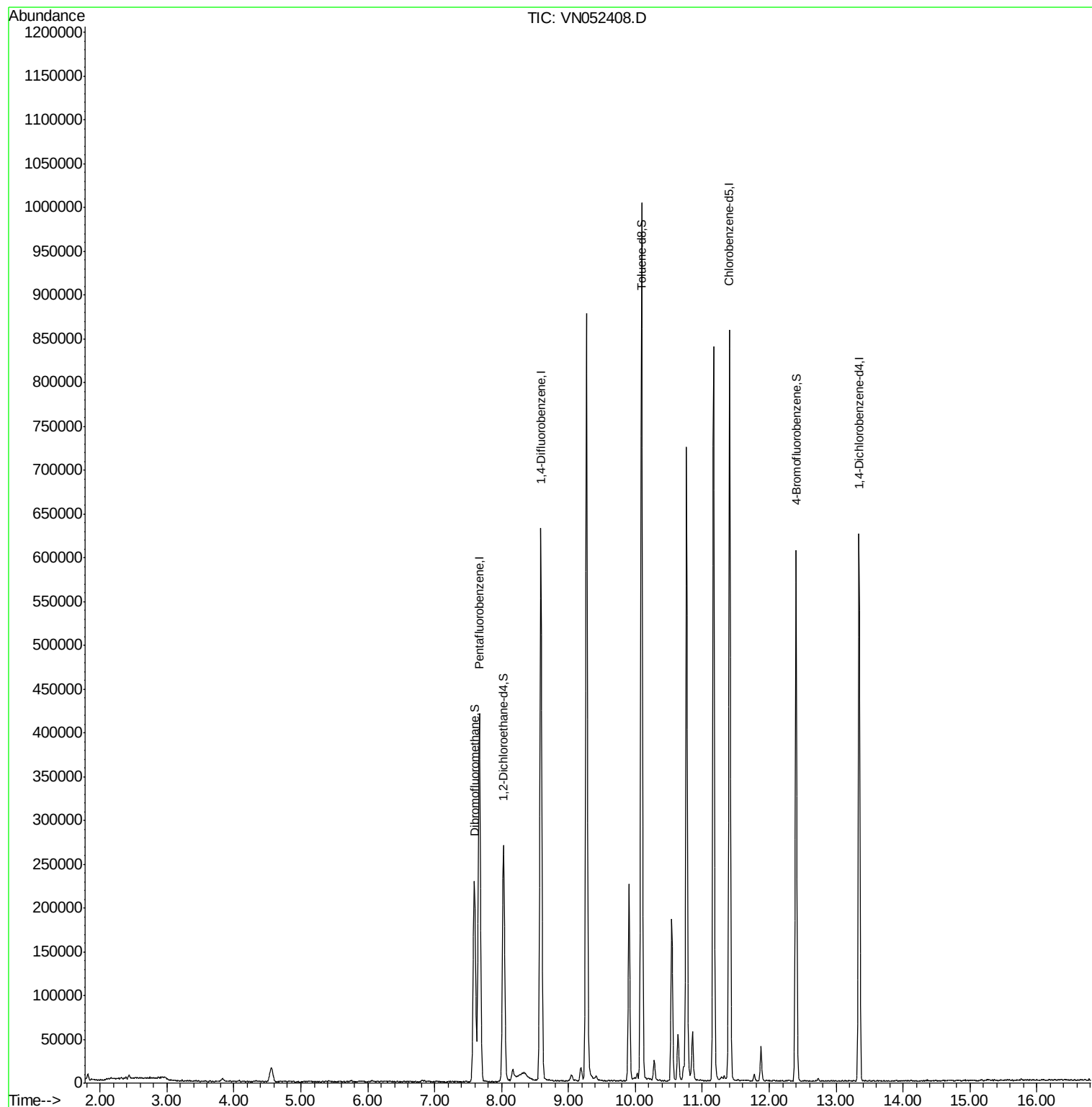
Target Compounds	Qvalue
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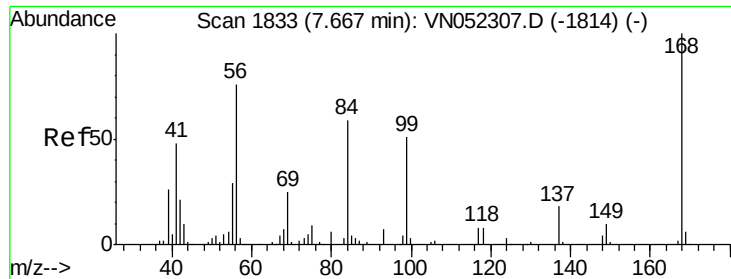
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052408.D

Acq: 20 Nov 2018 15:32

Instrument :

MSVOA_N

ClientSampleId :

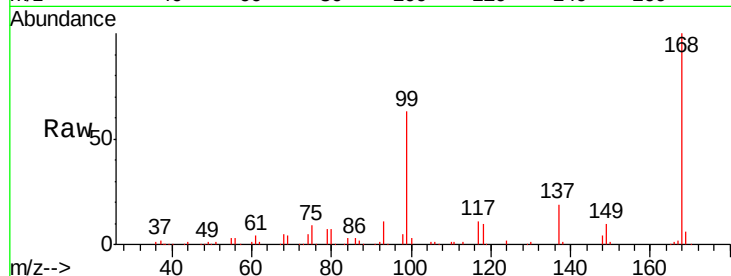
PB114952ZHE#02

Tgt Ion:168 Resp: 308020

Ion Ratio Lower Upper

168 100

99 63.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

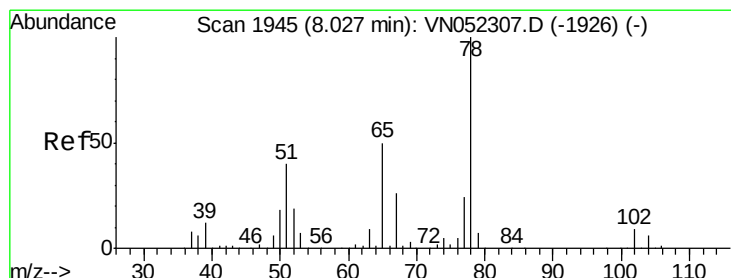
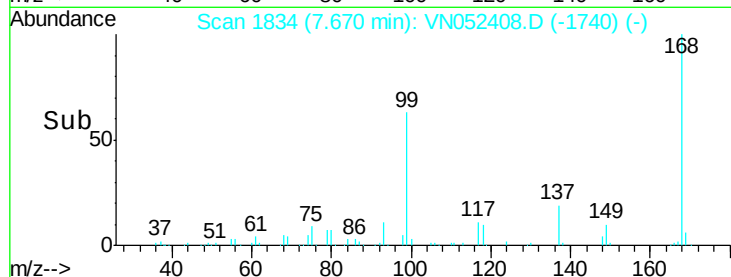
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052408.D

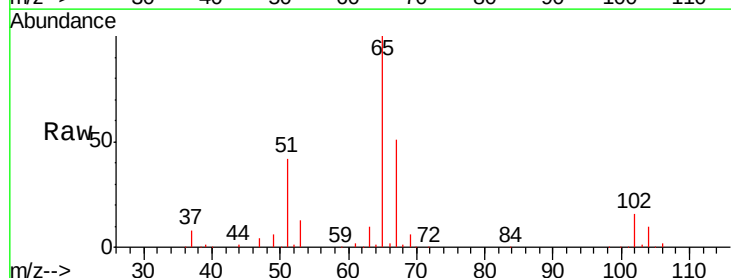
Acq: 20 Nov 2018 15:32

Tgt Ion: 65 Resp: 228659

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

100000

80000

60000

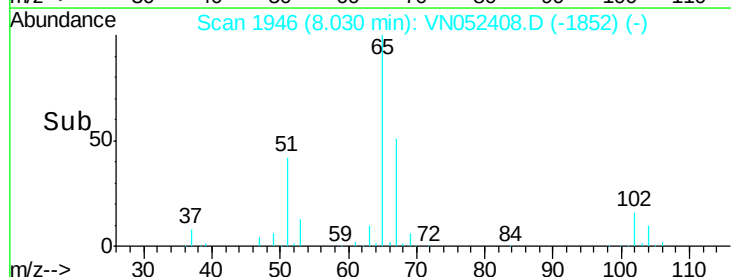
40000

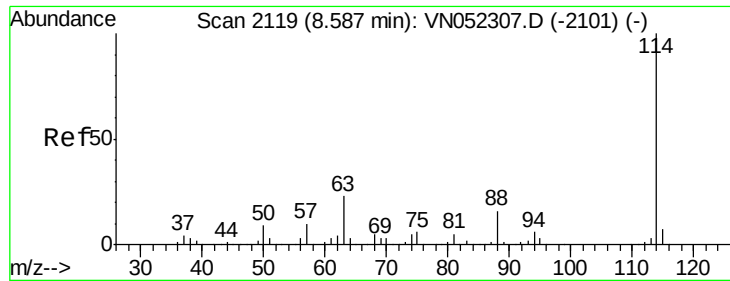
20000

0

Time-->

7.90 8.00 8.10

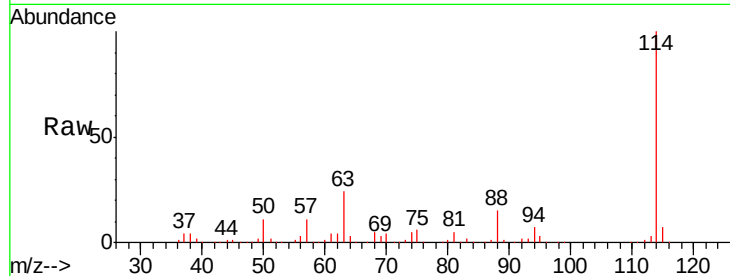




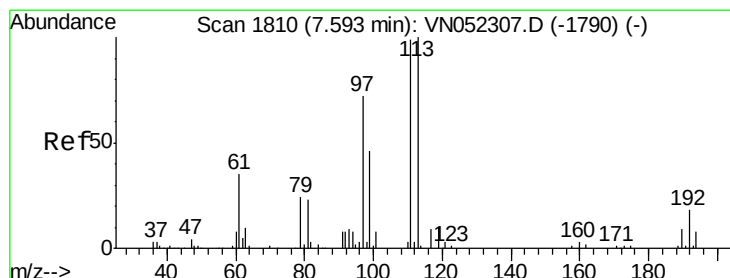
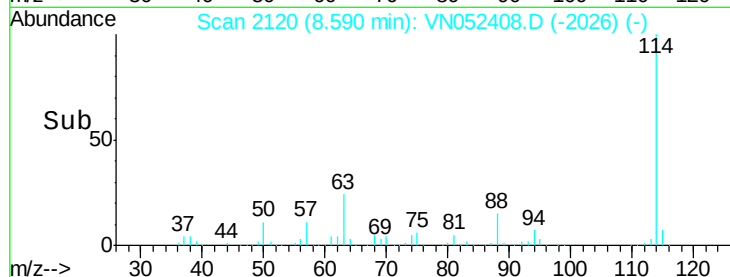
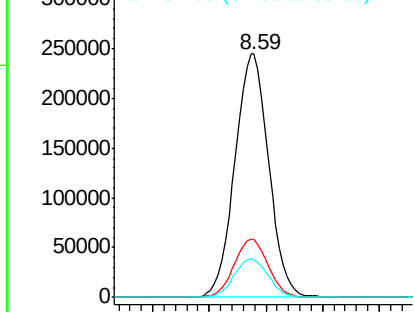
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN052408.D
Acq: 20 Nov 2018 15:32

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#02

Tgt Ion:114 Resp: 509830
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.4
88 15.4 0.0 31.2

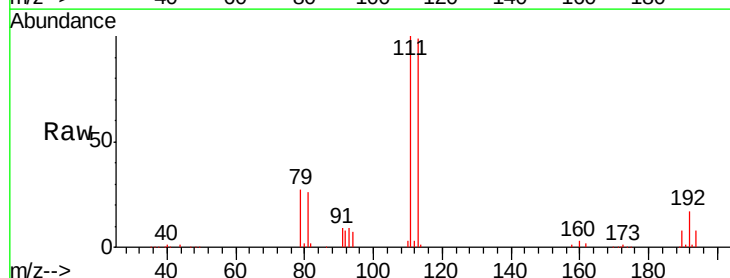


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

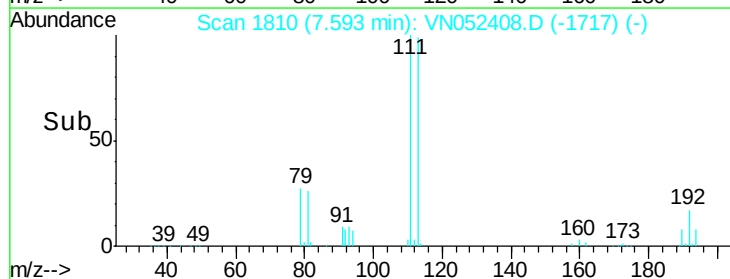
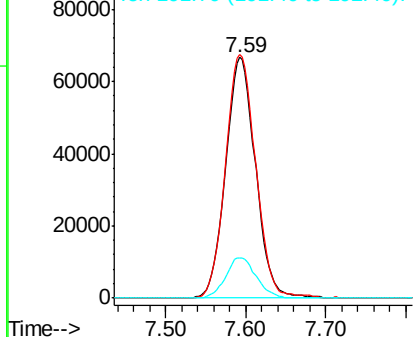


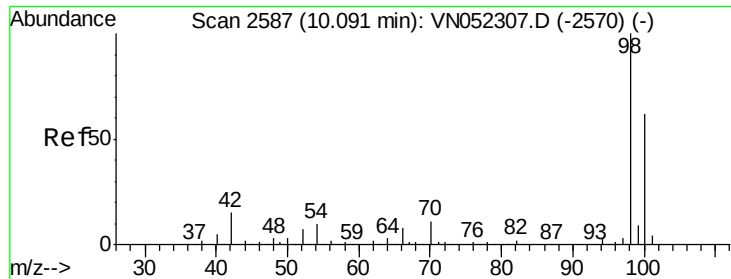
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052408.D
Acq: 20 Nov 2018 15:32

Tgt Ion:113 Resp: 169805
Ion Ratio Lower Upper
113 100
111 102.0 81.0 121.6
192 17.1 13.8 20.6



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052408.D

Acq: 20 Nov 2018 15:32

Instrument :

MSVOA_N

ClientSampleId :

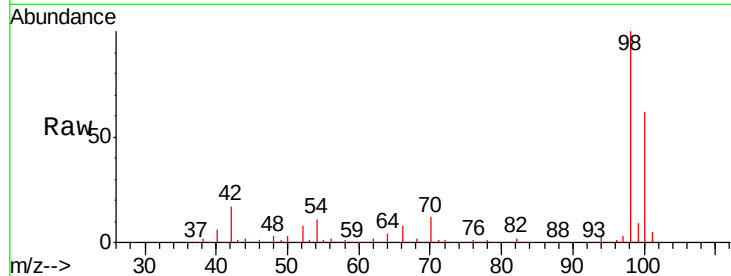
PB114952ZHE#02

Tgt Ion: 98 Resp: 651983

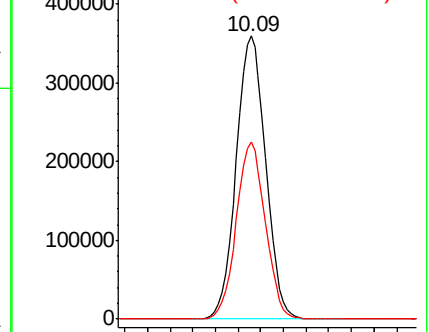
Ion Ratio Lower Upper

98 100

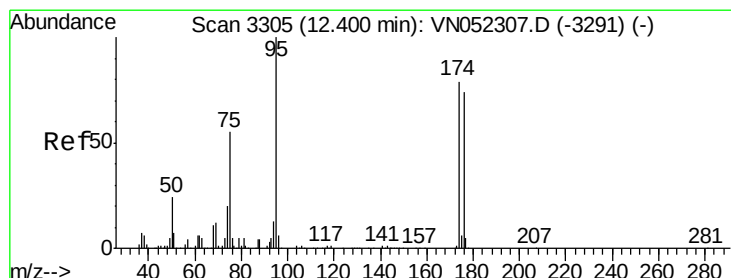
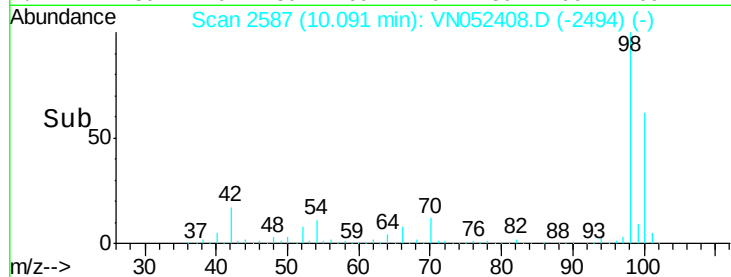
100 61.7 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052408.D

Acq: 20 Nov 2018 15:32

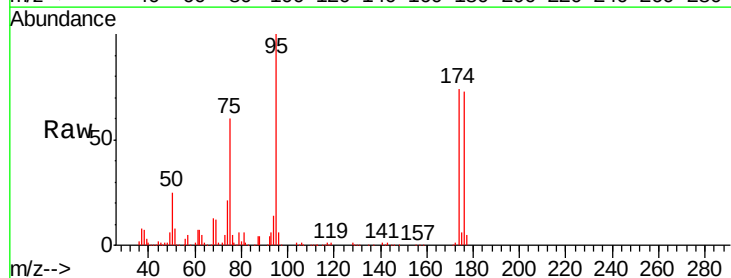
Tgt Ion: 95 Resp: 184974

Ion Ratio Lower Upper

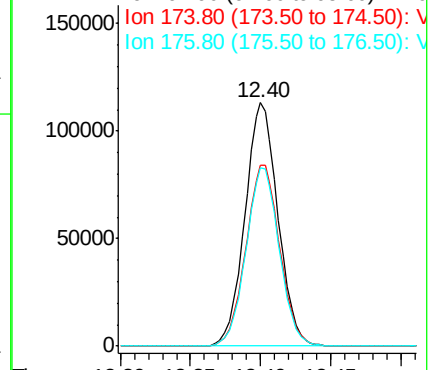
95 100

174 76.7 0.0 156.0

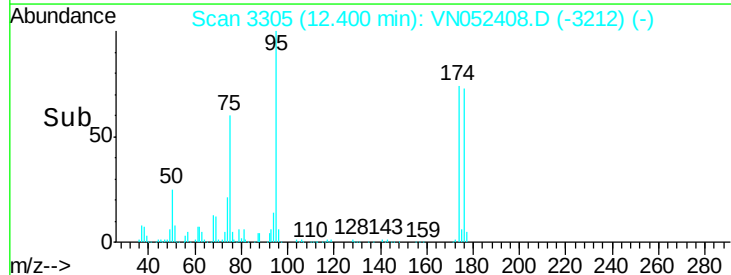
176 74.0 0.0 148.4

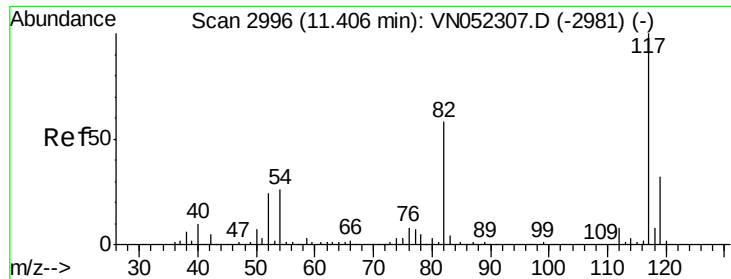


Abundance Ion 94.90 (94.60 to 95.60): VN052307.D (-3291) (-)



Time-->

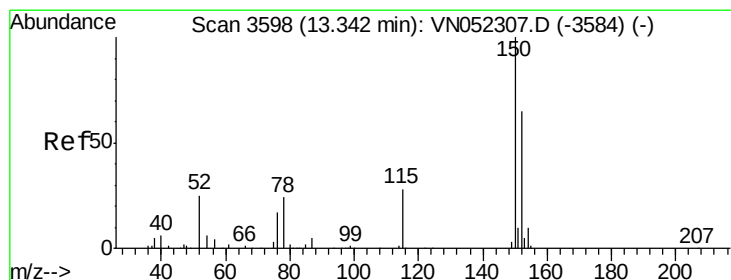
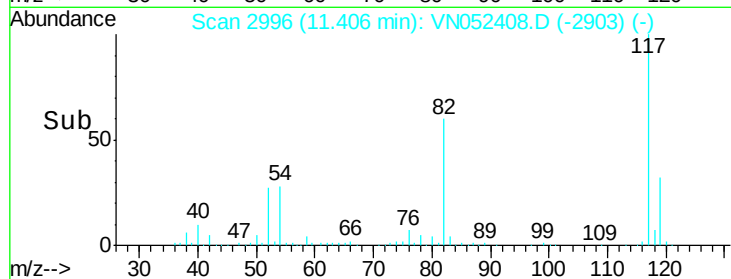
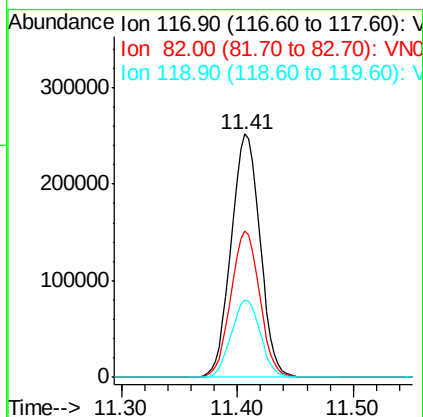
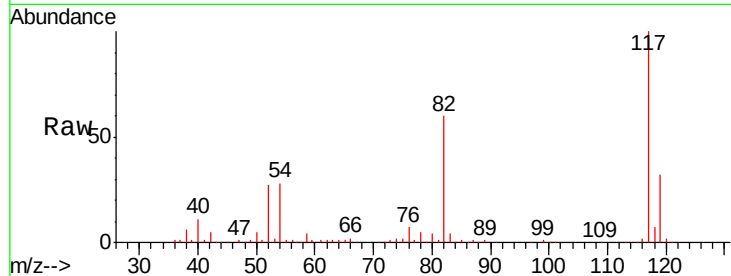




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052408.D
Acq: 20 Nov 2018 15:32

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#02

Tgt Ion:117 Resp: 431954
Ion Ratio Lower Upper
117 100
82 60.0 46.5 69.7
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052408.D
Acq: 20 Nov 2018 15:32

Tgt Ion:152 Resp: 146029
Ion Ratio Lower Upper
152 100
115 61.0 30.3 91.0
150 157.8 0.0 348.2

