

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052407.D
 Acq On : 20 Nov 2018 15:05
 Operator : MD\SY
 Sample : PB114952ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114952ZHE#01

Quant Time: Nov 20 15:58:27 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	314302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	523045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	445203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145331	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	233280	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
35) Dibromofluoromethane	7.59	113	172573	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.09	98	668497	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.40	95	194205	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	

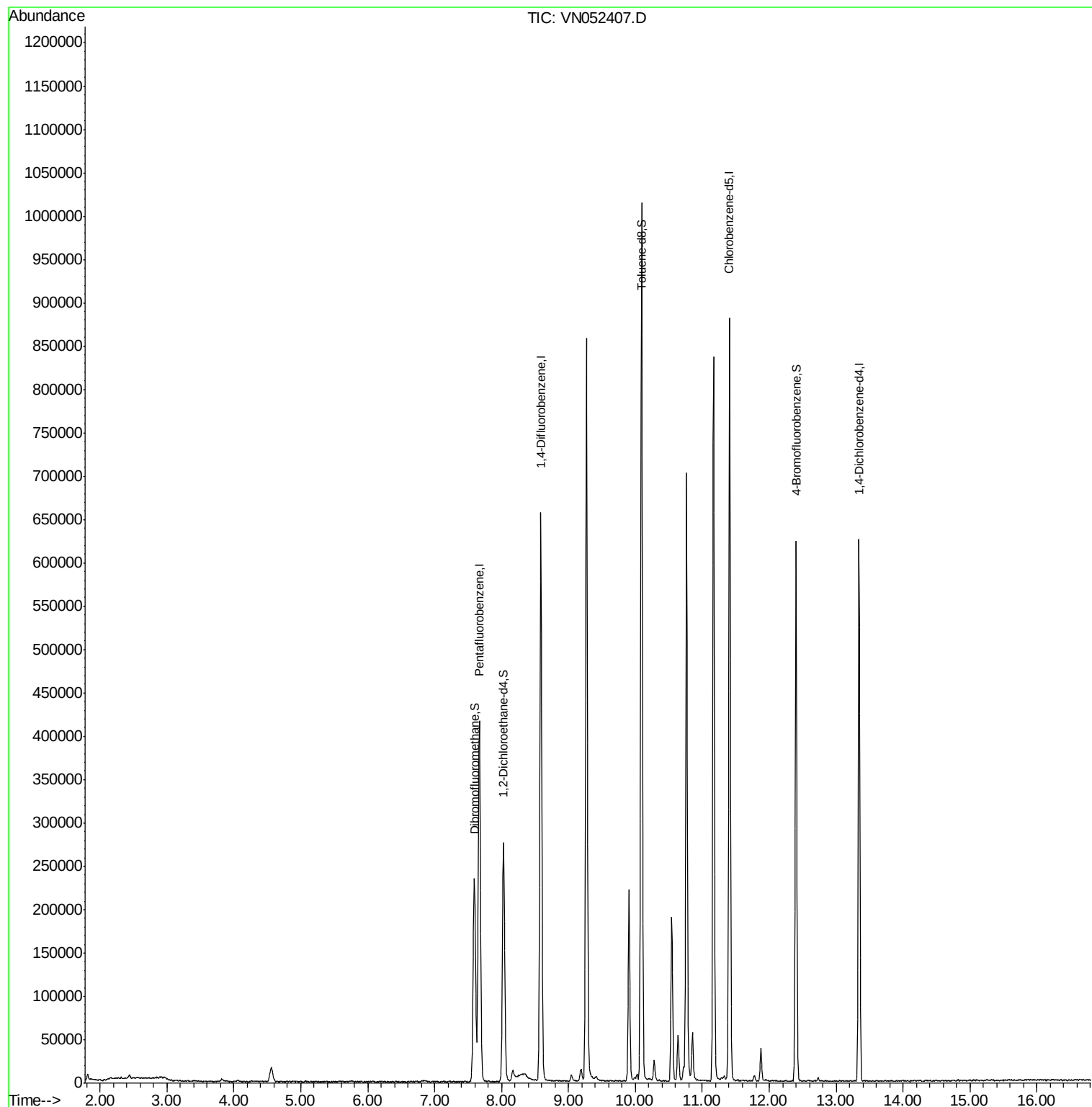
Target Compounds	Qvalue

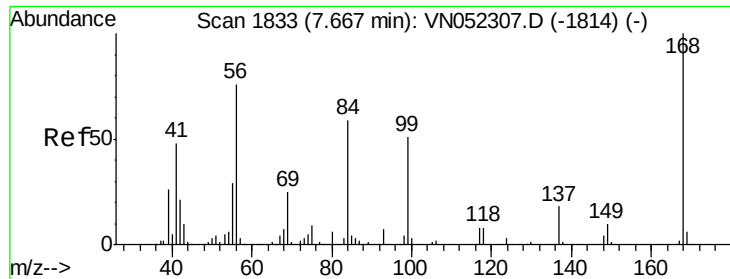
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052407.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_N

ClientSampleId :

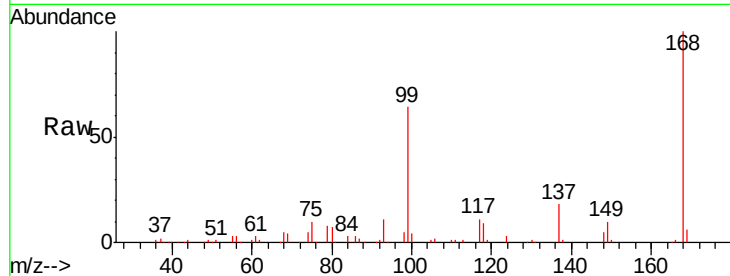
PB114952ZHE#01

Tgt Ion:168 Resp: 314302

Ion Ratio Lower Upper

168 100

99 63.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

7.67

150000

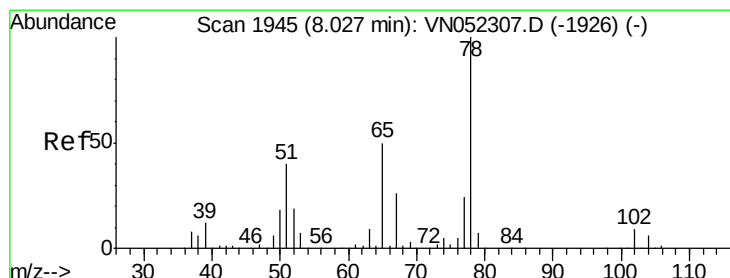
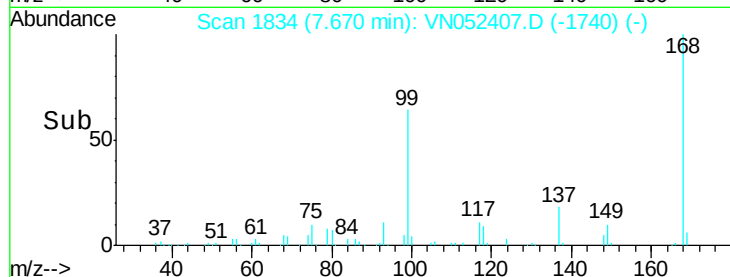
100000

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: VN052407.D

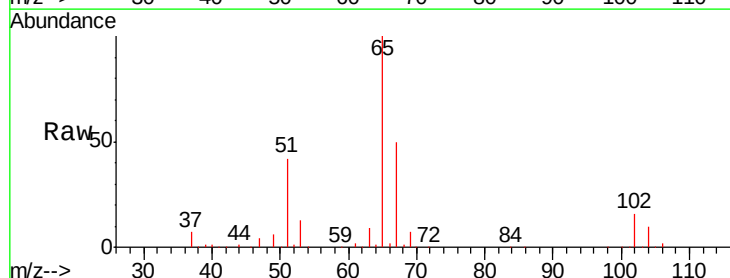
Acq: 20 Nov 2018 15:05

Tgt Ion: 65 Resp: 233280

Ion Ratio Lower Upper

65 100

67 50.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN052307.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052307.D (-1926) (-)

8.03

100000

80000

60000

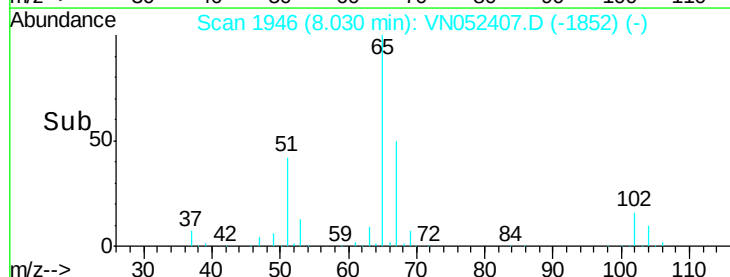
40000

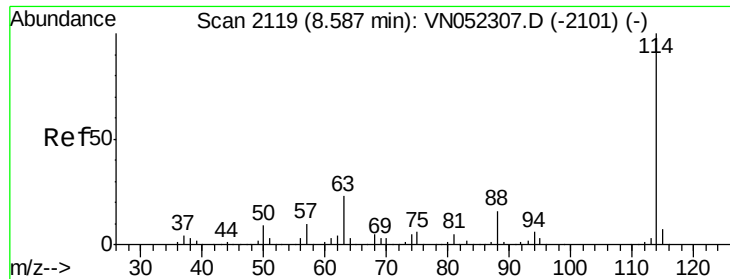
20000

0

Time-->

7.90 8.00 8.10

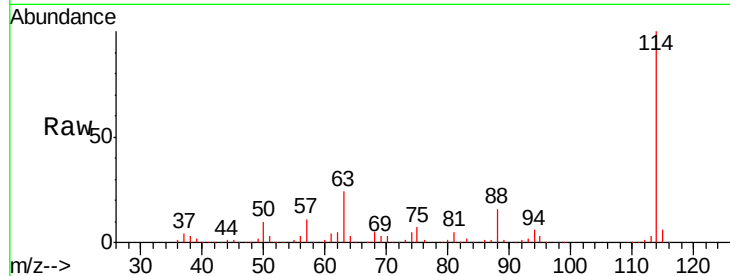




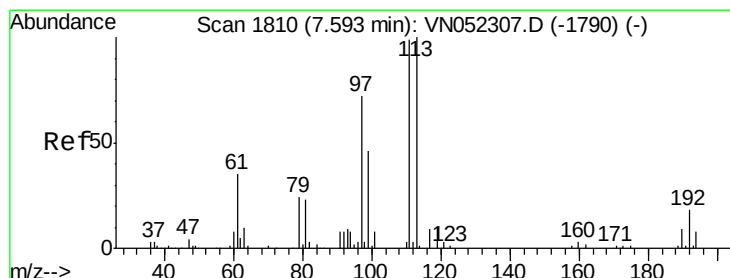
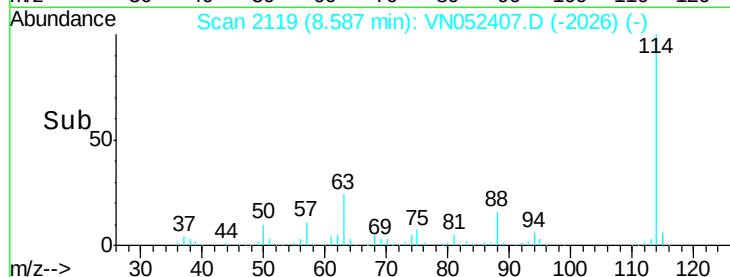
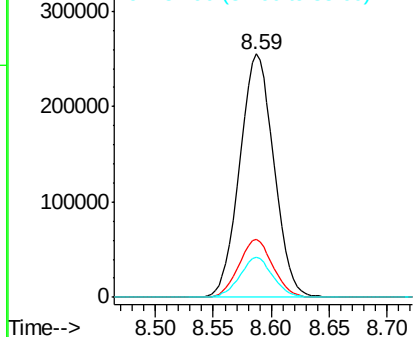
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion:114 Resp: 523045
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.4
88 16.2 0.0 31.2

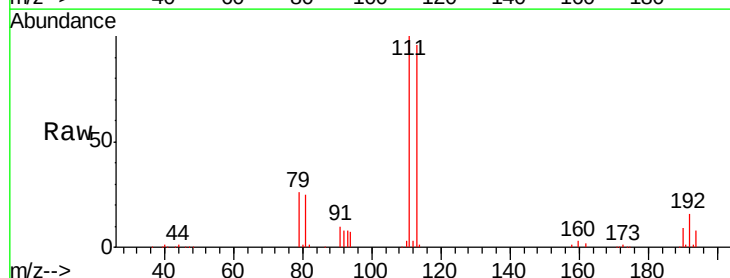


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

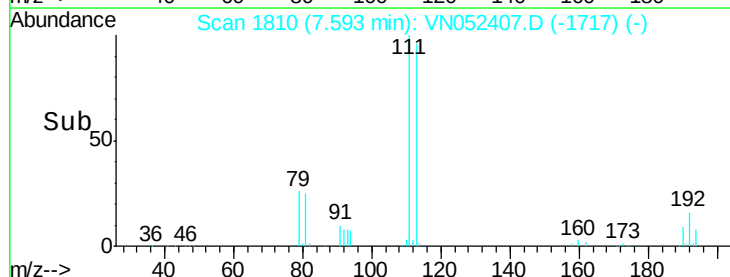
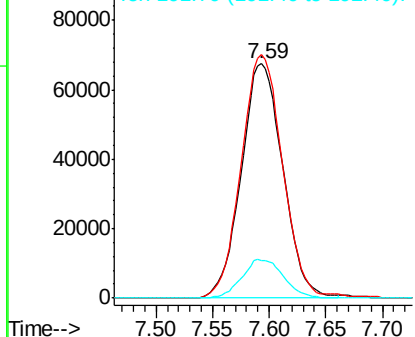


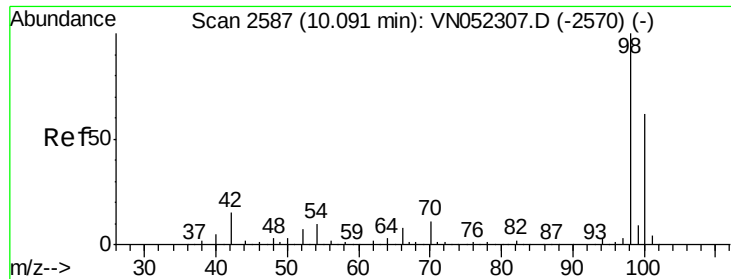
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion:113 Resp: 172573
Ion Ratio Lower Upper
113 100
111 104.1 81.0 121.6
192 16.5 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: VN052407.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_N

ClientSampleId :

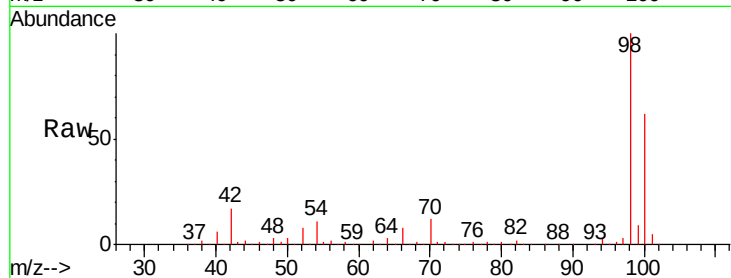
PB114952ZHE#01

Tgt Ion: 98 Resp: 668497

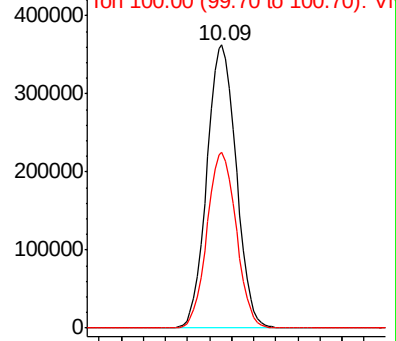
Ion Ratio Lower Upper

98 100

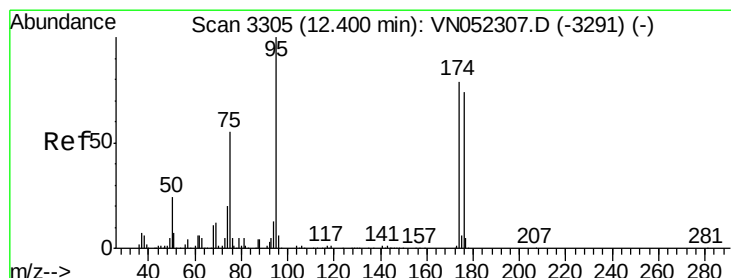
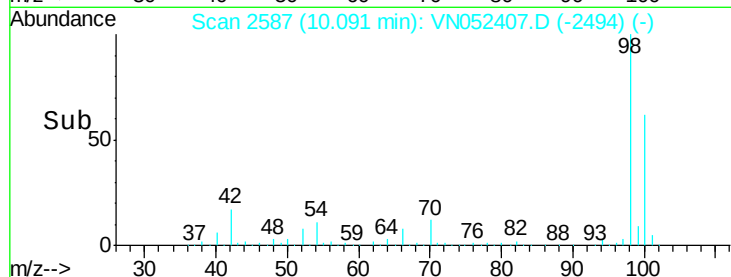
100 61.9 49.5 74.3



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: VN052407.D

Acq: 20 Nov 2018 15:05

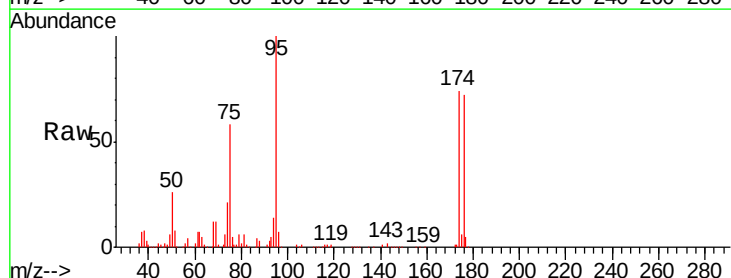
Tgt Ion: 95 Resp: 194205

Ion Ratio Lower Upper

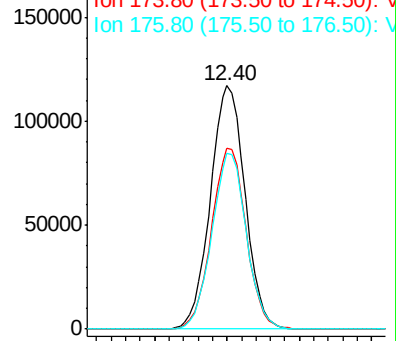
95 100

174 74.3 0.0 156.0

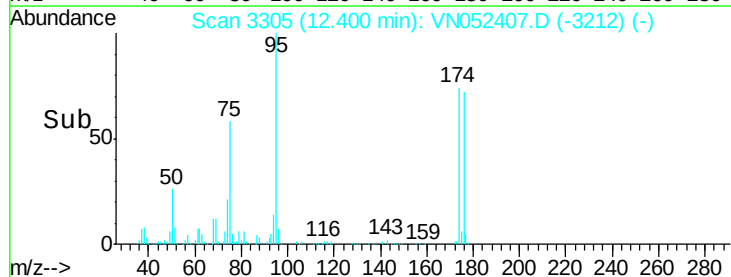
176 71.9 0.0 148.4

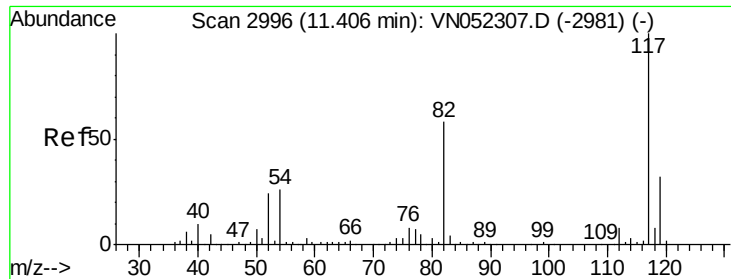


Abundance Ion 94.90 (94.60 to 95.60): VN052307.D (-3291) (-)



Time-->

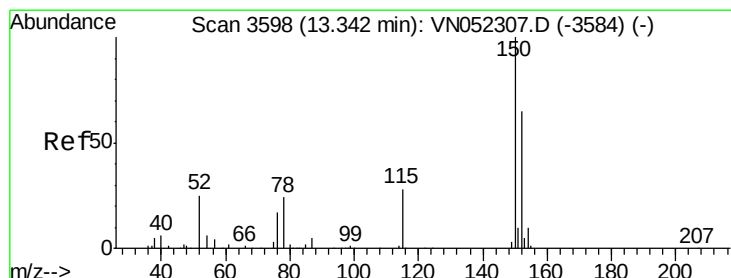
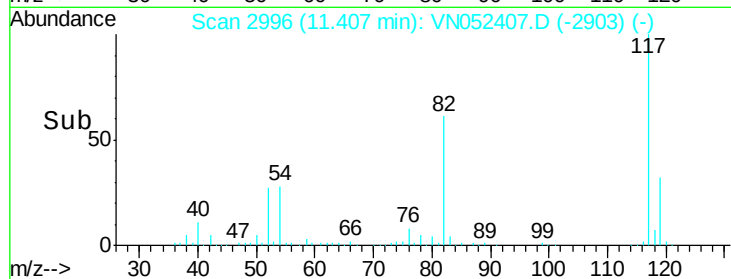
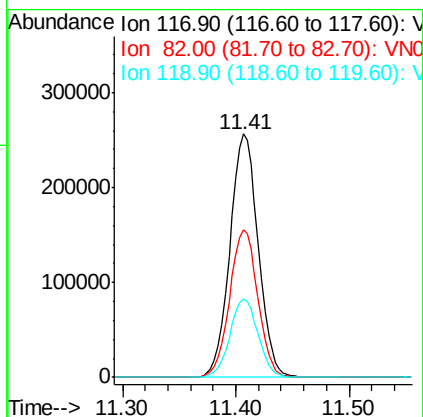
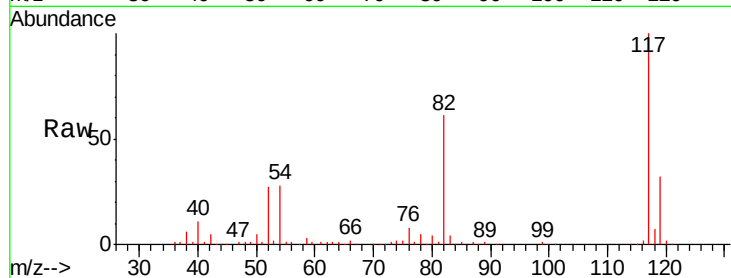




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion:117 Resp: 445203
Ion Ratio Lower Upper
117 100
82 60.5 46.5 69.7
119 32.3 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: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion:152 Resp: 145331
Ion Ratio Lower Upper
152 100
115 62.1 30.3 91.0
150 159.6 0.0 348.2

