

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052406.D
 Acq On : 20 Nov 2018 14:38
 Operator : MD\SY
 Sample : PB114952TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114952TB

Quant Time: Nov 20 15:52:58 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	307008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	507865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	425788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140382	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	225741	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
35) Dibromofluoromethane	7.59	113	167285	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.09	98	637423	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	184343	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	

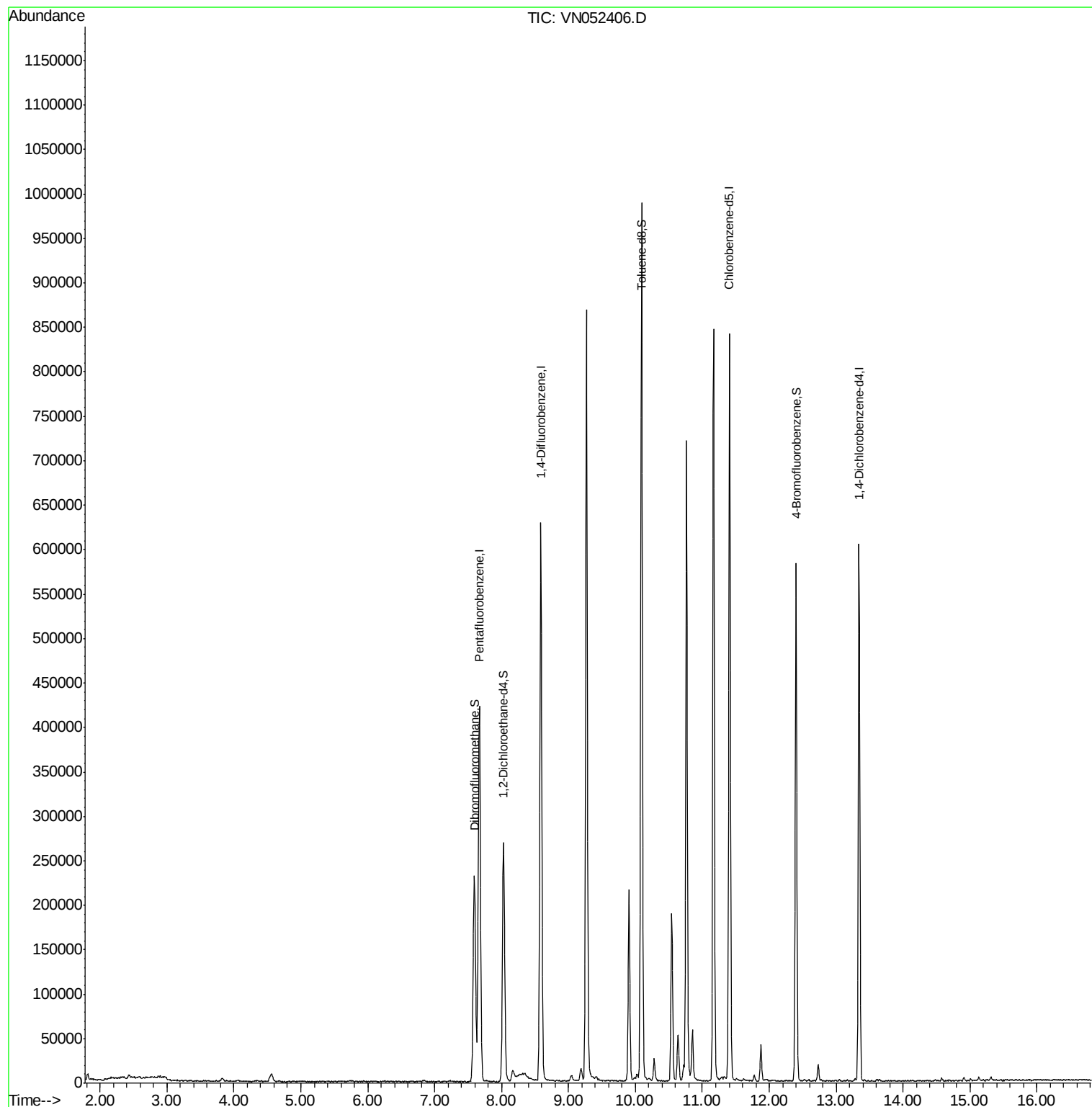
Target Compounds	Qvalue
------------------	--------

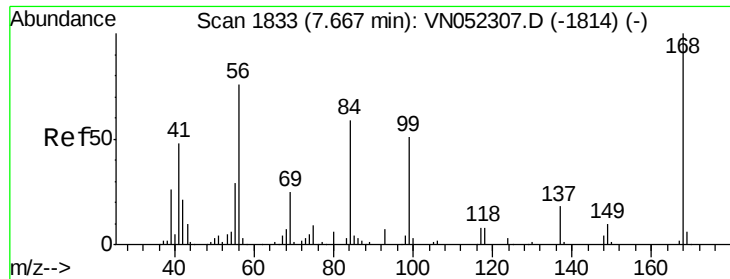
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
Data File : VN052406.D
Acq On : 20 Nov 2018 14:38
Operator : MD\SY
Sample : PB114952TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB114952TB

Quant Time: Nov 20 15:52:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052406.D

Acq: 20 Nov 2018 14:38

Instrument :

MSVOA_N

ClientSampled :

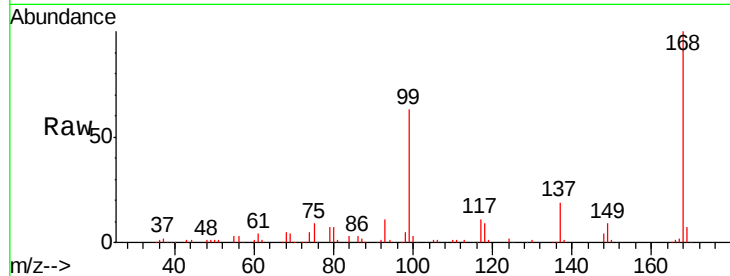
PB114952TB

Tgt Ion: 168 Resp: 307008

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

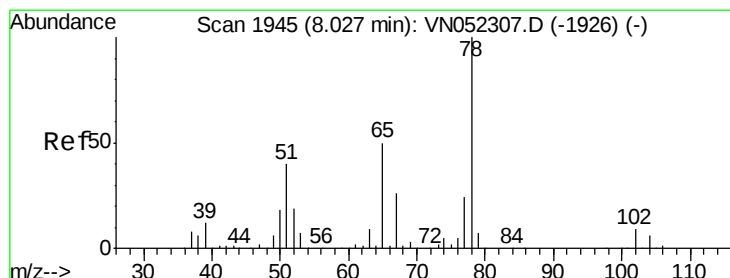
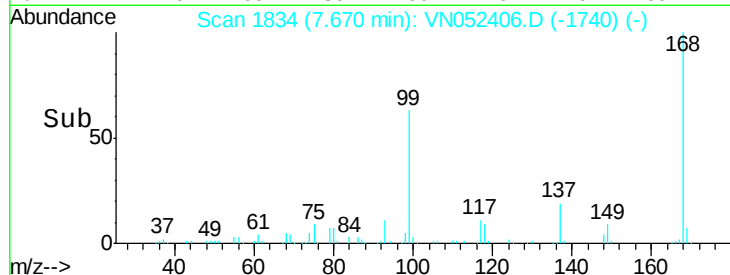
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052406.D

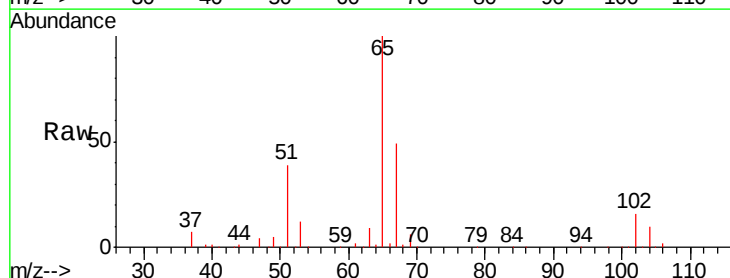
Acq: 20 Nov 2018 14:38

Tgt Ion: 65 Resp: 225741

Ion Ratio Lower Upper

65 100

67 50.1 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

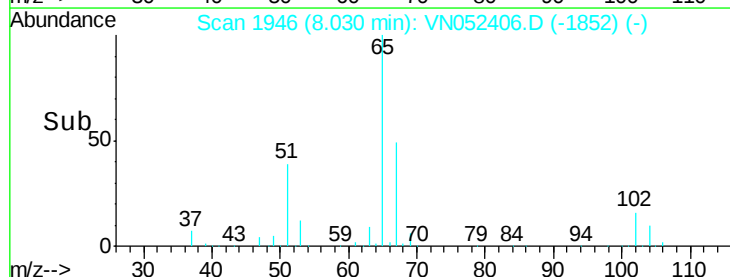
60000

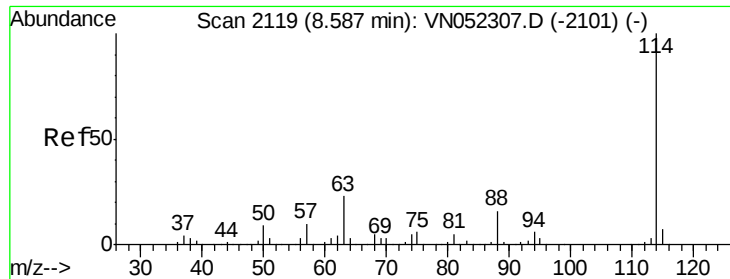
40000

20000

0

Time-->

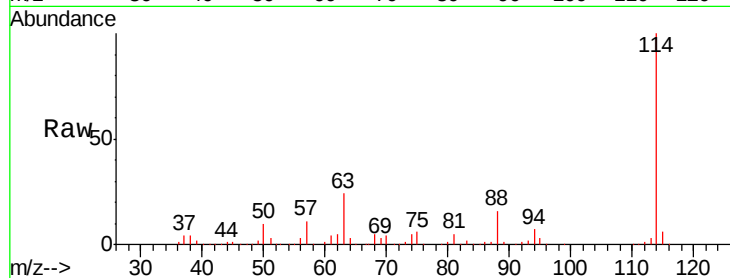




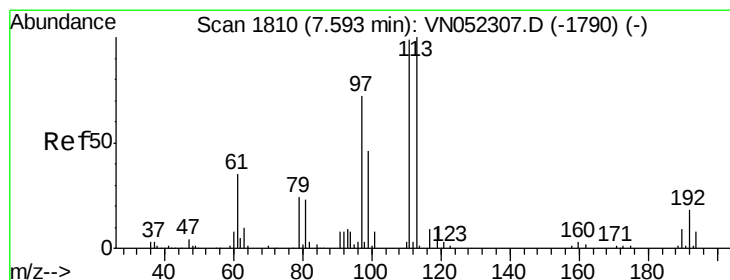
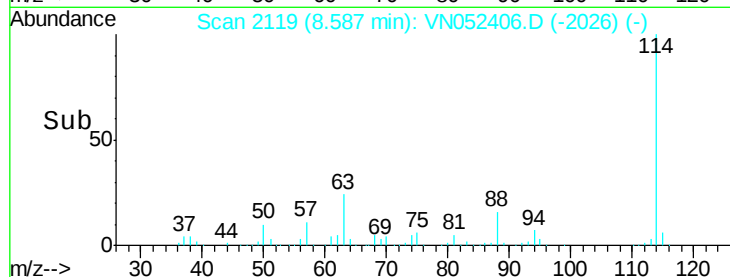
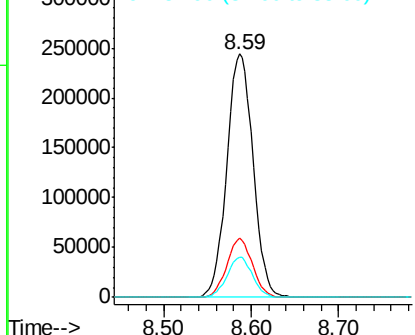
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052406.D
 Acq: 20 Nov 2018 14:38

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114952TB

Tgt Ion:114 Resp: 507865
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 45.4
 88 16.5 0.0 31.2

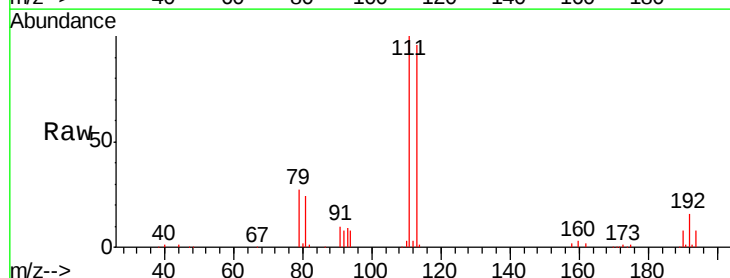


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

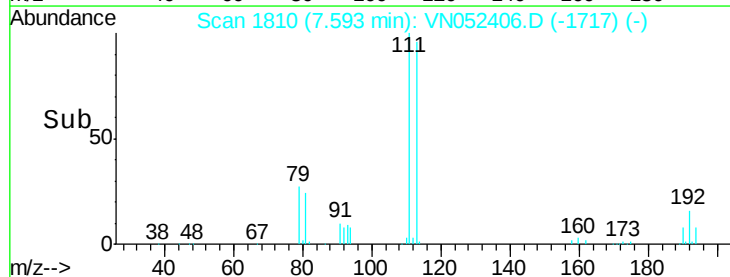
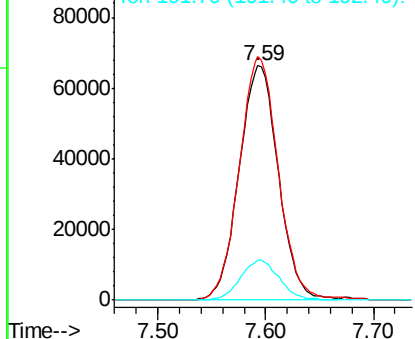


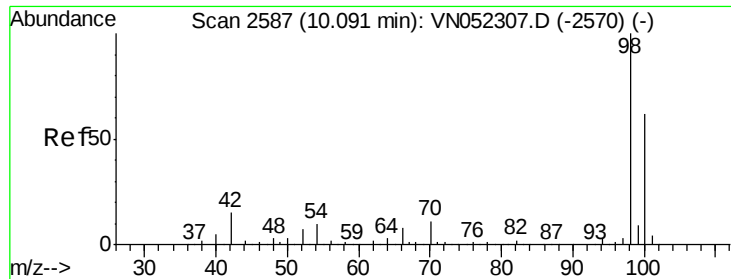
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052406.D
 Acq: 20 Nov 2018 14:38

Tgt Ion:113 Resp: 167285
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.6
 192 17.0 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: VN052406.D

Acq: 20 Nov 2018 14:38

Instrument :

MSVOA_N

ClientSampleId :

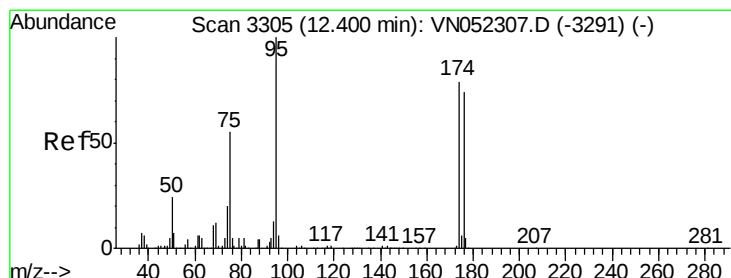
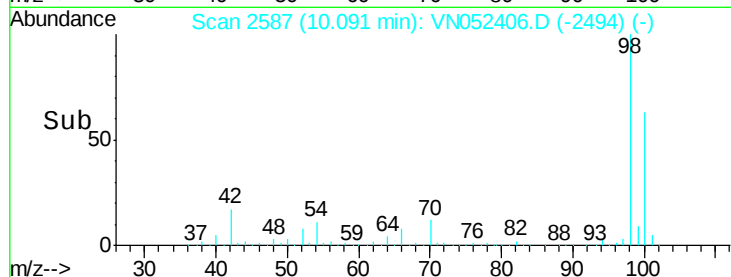
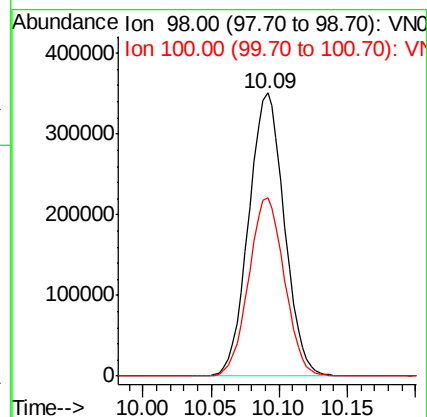
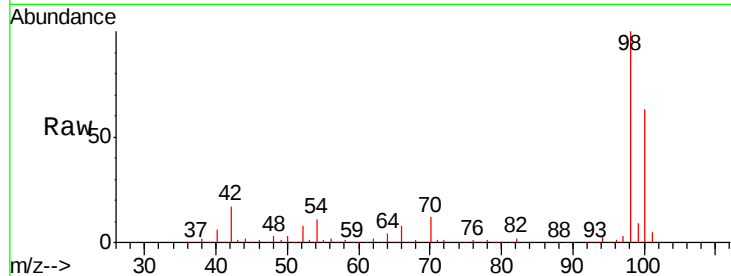
PB114952TB

Tgt Ion: 98 Resp: 637423

Ion Ratio Lower Upper

98 100

100 63.0 49.5 74.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052406.D

Acq: 20 Nov 2018 14:38

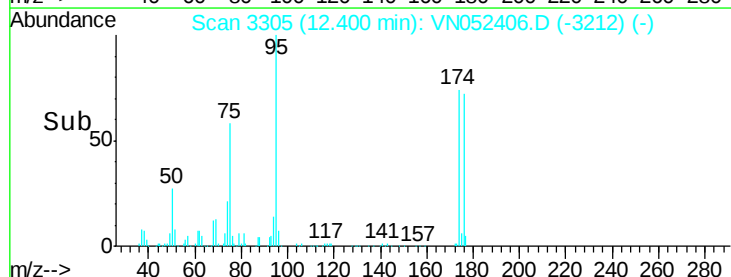
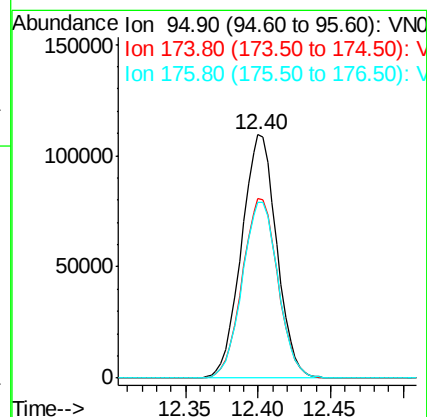
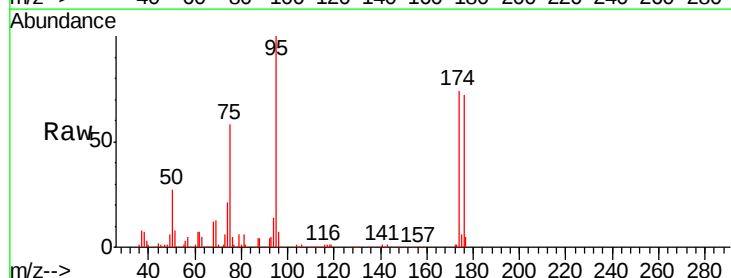
Tgt Ion: 95 Resp: 184343

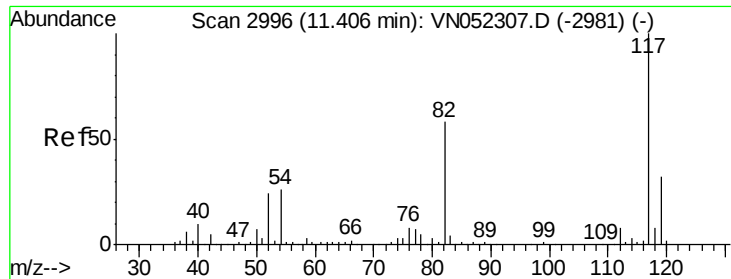
Ion Ratio Lower Upper

95 100

174 74.5 0.0 156.0

176 73.6 0.0 148.4

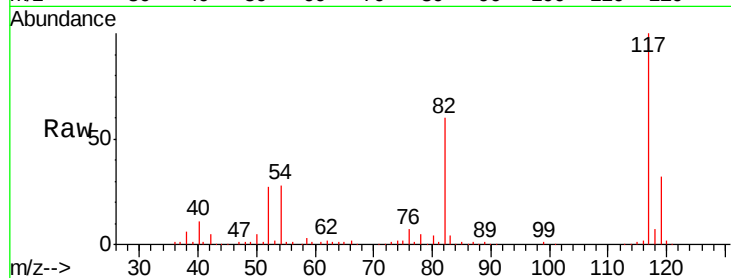




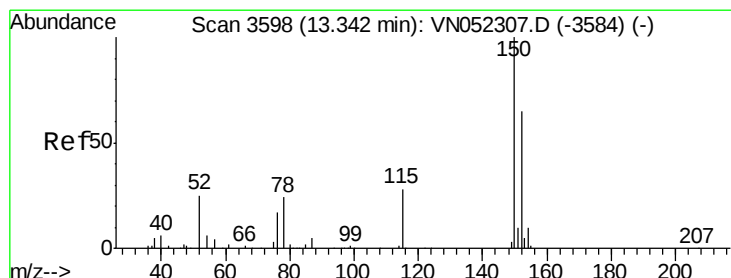
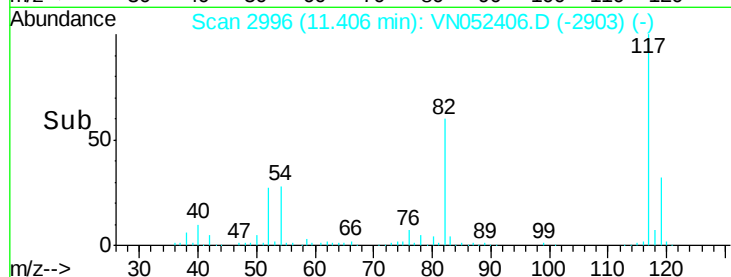
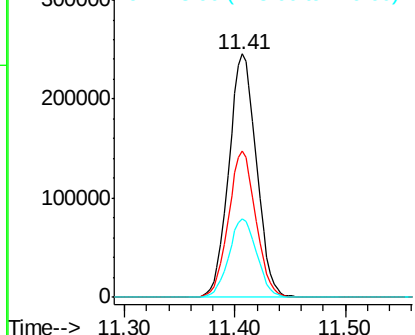
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052406.D
Acq: 20 Nov 2018 14:38

Instrument :
MSVOA_N
ClientSampleId :
PB114952TB

Tgt Ion:117 Resp: 425788
Ion Ratio Lower Upper
117 100
82 60.0 46.5 69.7
119 32.1 25.7 38.5

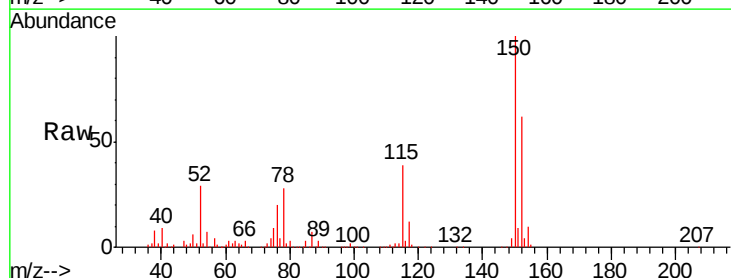


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052406.D
Acq: 20 Nov 2018 14:38

Tgt Ion:152 Resp: 140382
Ion Ratio Lower Upper
152 100
115 60.7 30.3 91.0
150 157.8 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

