

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
 Data File : VN050236.D
 Acq On : 1 Aug 2018 9:46
 Operator : MD\SY
 Sample : J4256-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

Quant Time: Aug 02 09:58:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	656110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1074234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	888030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310819	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	457853	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	7.59	113	413726	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	10.09	98	1466778	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
62) 4-Bromofluorobenzene	12.40	95	386255	36.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.76%	

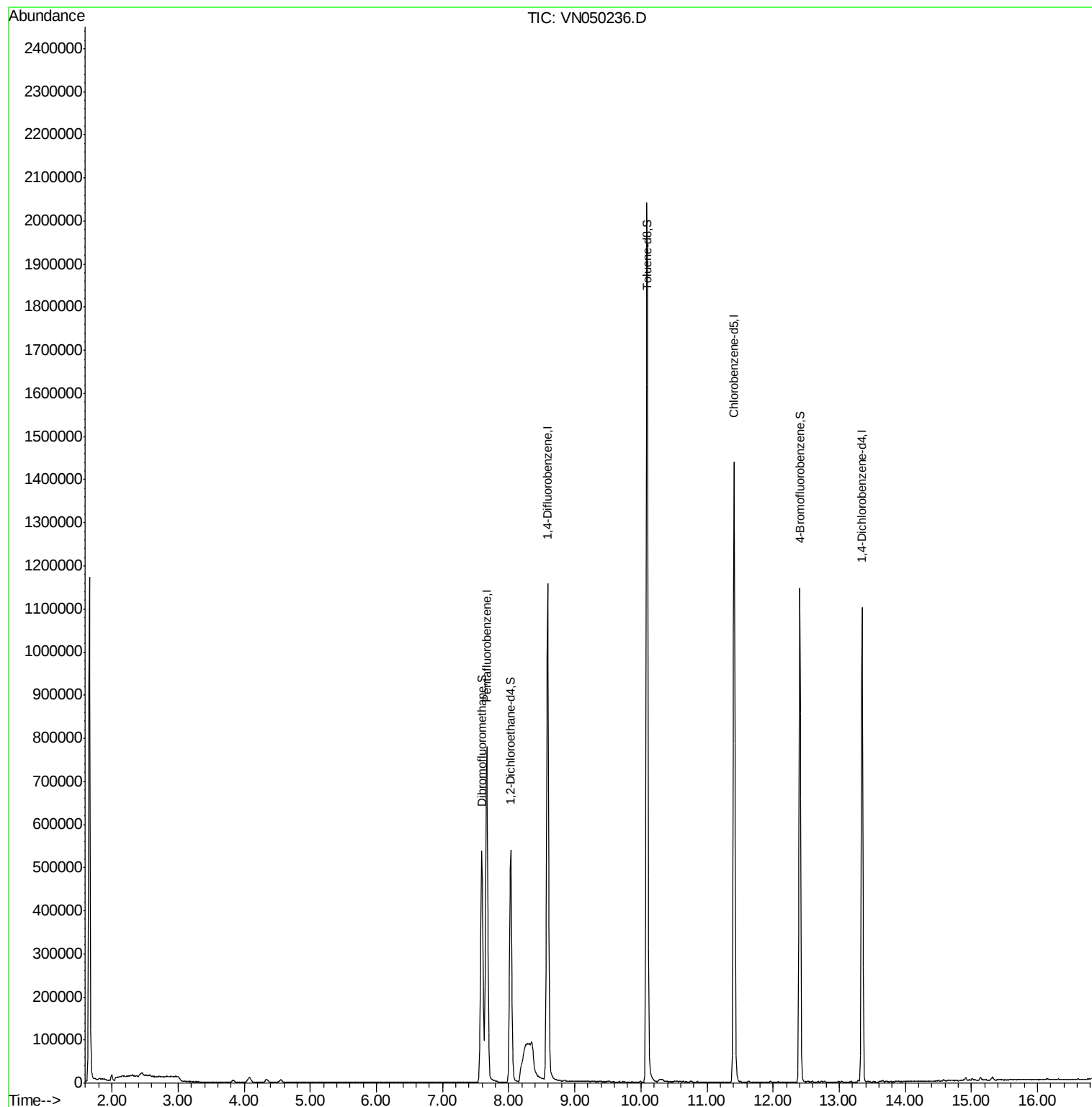
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050236.D

Acq: 1 Aug 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

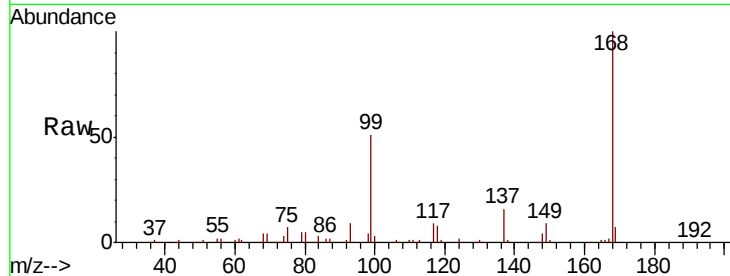
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Tot Ion:168 Resp: 656110

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

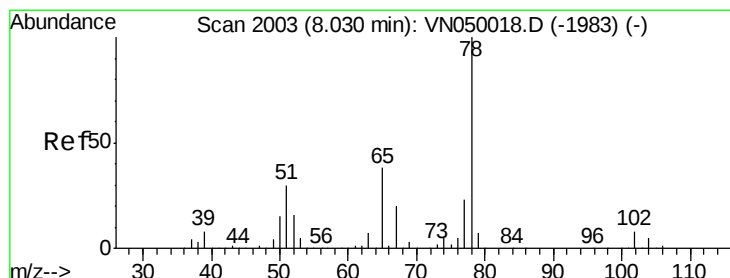
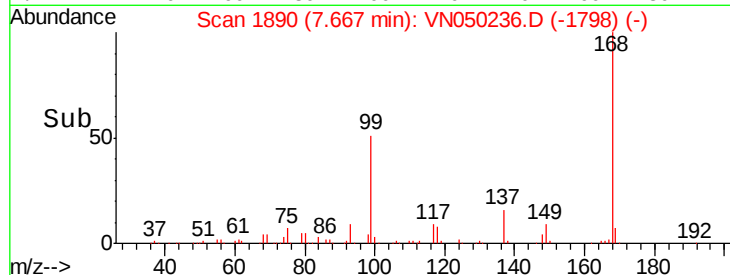
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.015 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050236.D

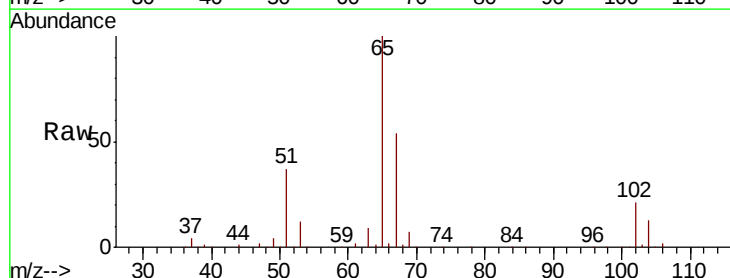
Acq: 1 Aug 2018 9:46

Tgt Ion: 65 Resp: 457853

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

150000

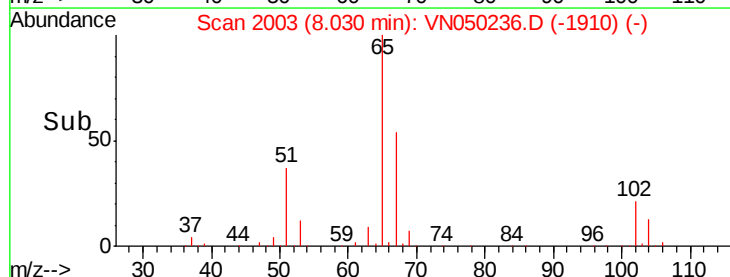
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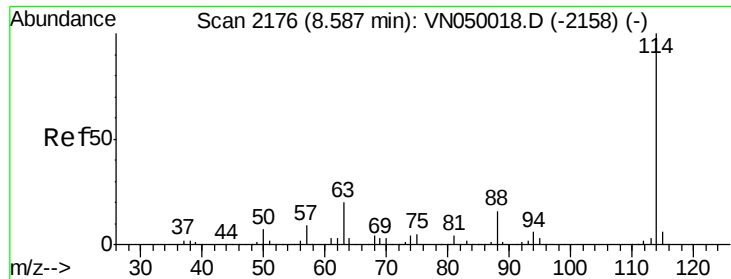
50000

0

7.90 8.00 8.10

Time-->

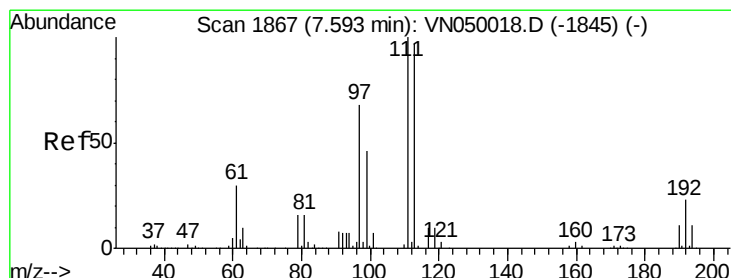
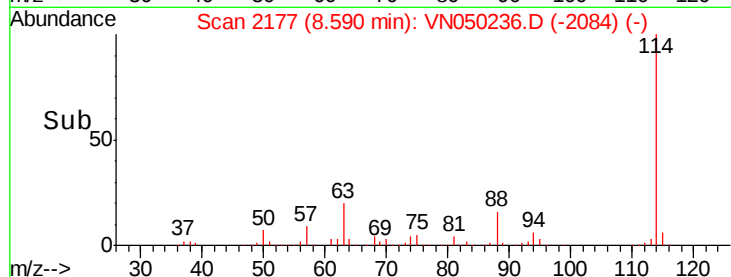
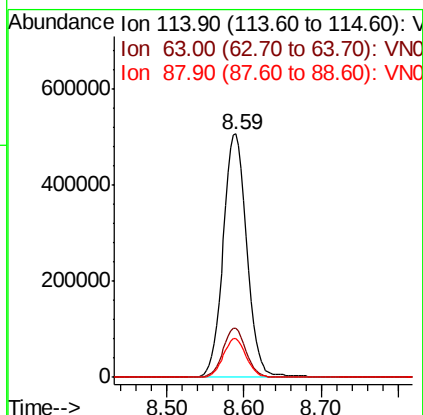
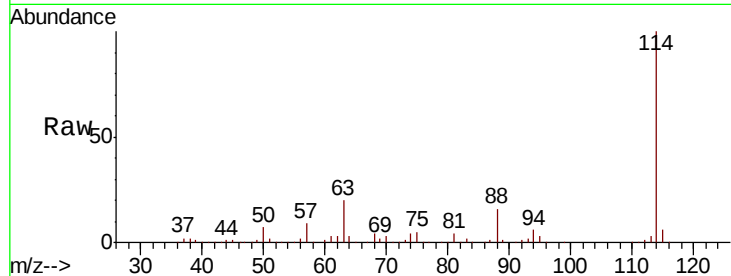




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VN050236.D
 Acq: 1 Aug 2018 9:46

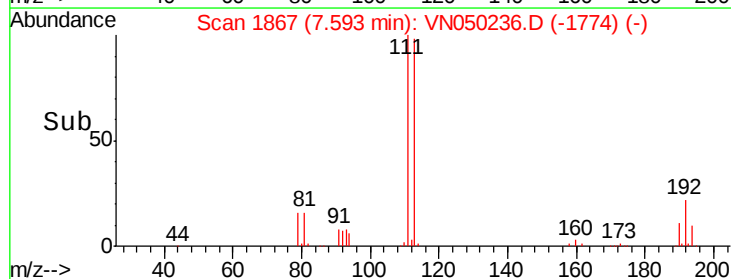
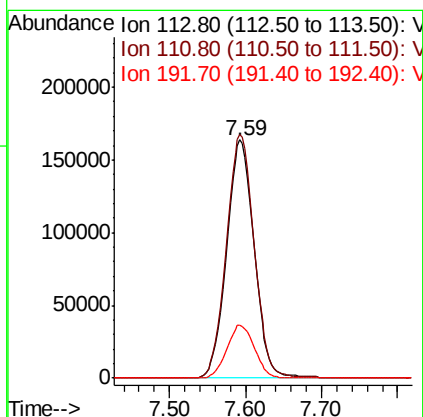
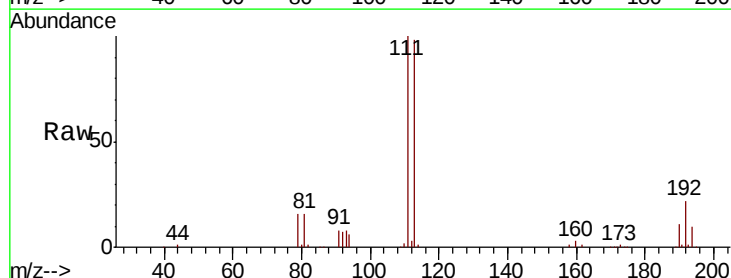
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

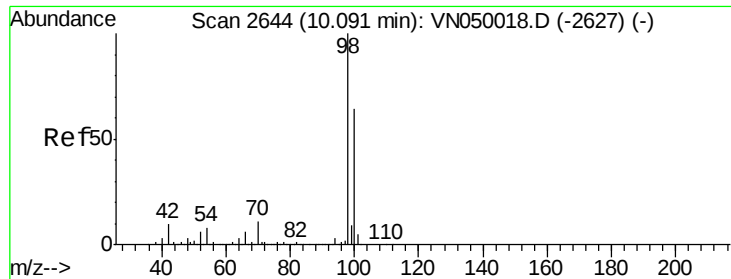
Tot Ion:114 Resp: 1074234
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.7 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 47.171 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050236.D
 Acq: 1 Aug 2018 9:46

Tgt Ion:113 Resp: 413726
 Ion Ratio Lower Upper
 113 100
 111 102.9 80.7 121.1
 192 22.3 17.8 26.6





#50

Toluene-d8

Concen: 45.488 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050236.D

Acq: 1 Aug 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

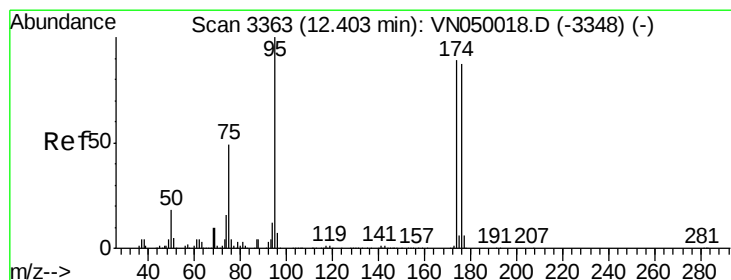
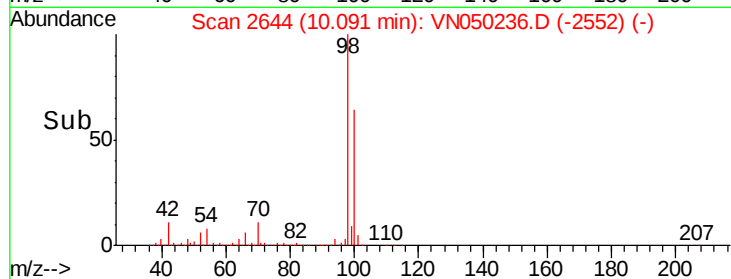
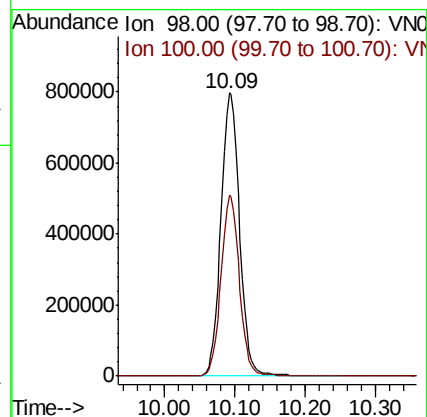
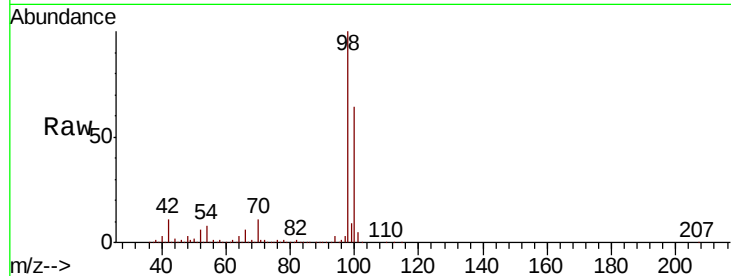
TRIPBLANK

Tot Ion: 98 Resp: 1466778

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 36.379 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050236.D

Acq: 1 Aug 2018 9:46

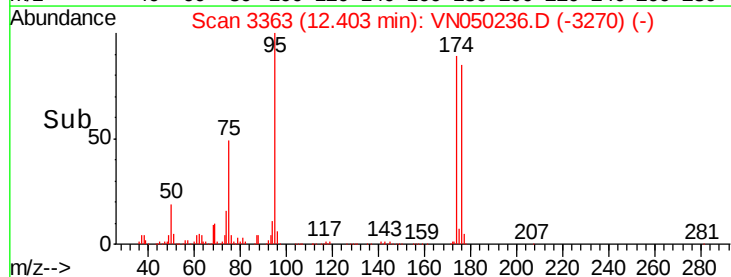
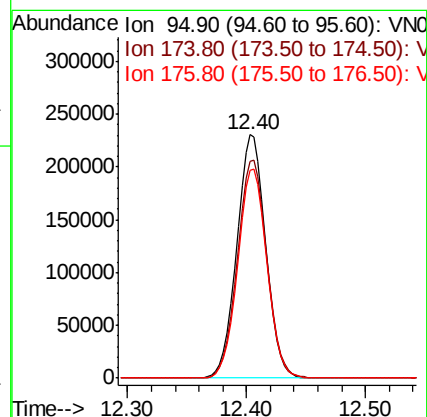
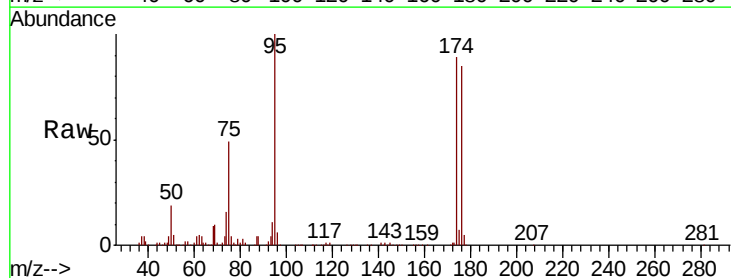
Tgt Ion: 95 Resp: 386255

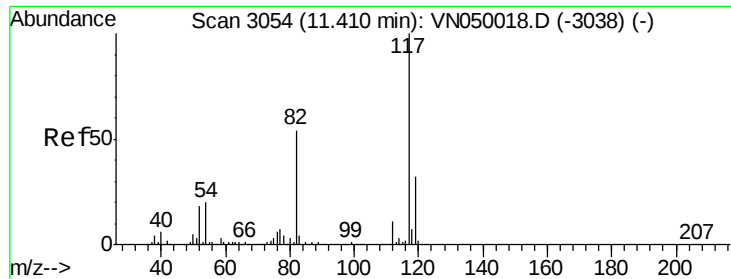
Ion Ratio Lower Upper

95 100

174 91.6 0.0 178.2

176 87.1 0.0 173.4

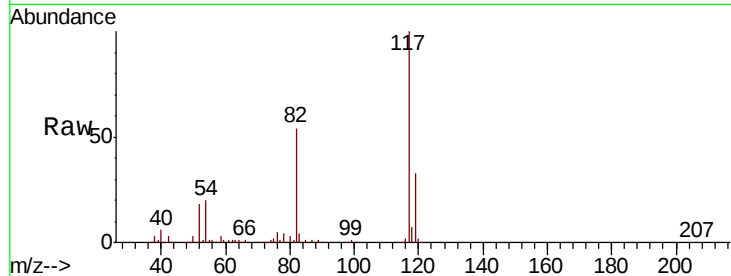




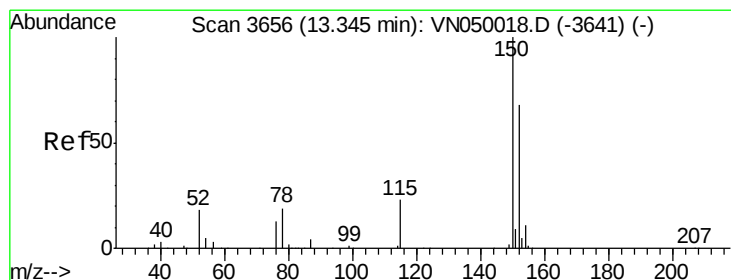
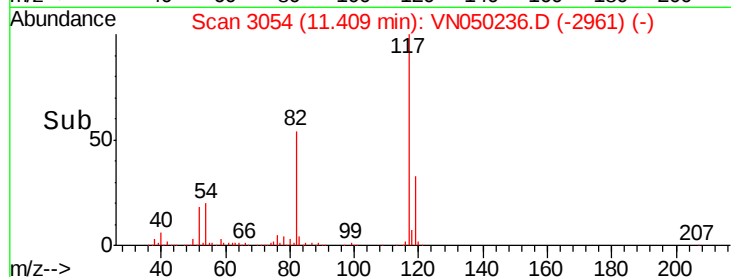
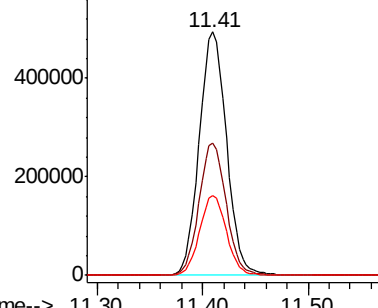
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050236.D
Acq: 1 Aug 2018 9:46

Instrument :
MSVOA_N
ClientSampleId :
TRIPBLANK

Tot Ion:117 Resp: 888030
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 32.9 26.1 39.1

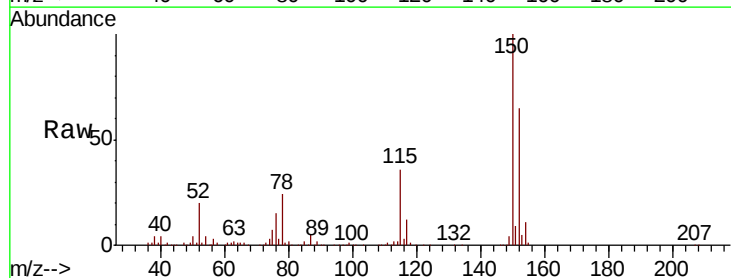


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050236.D
Acq: 1 Aug 2018 9:46

Tgt Ion:152 Resp: 310819
Ion Ratio Lower Upper
152 100
115 56.0 27.8 83.3
150 156.2 0.0 348.6



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

