

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
 Data File : VN050237.D
 Acq On : 1 Aug 2018 10:11
 Operator : MD\SY
 Sample : J4256-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Aug 02 09:58:42 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	630908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1041245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	846124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	304106	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	445598	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	7.59	113	399751	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	10.09	98	1397652	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	
62) 4-Bromofluorobenzene	12.40	95	370963	36.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.10%	

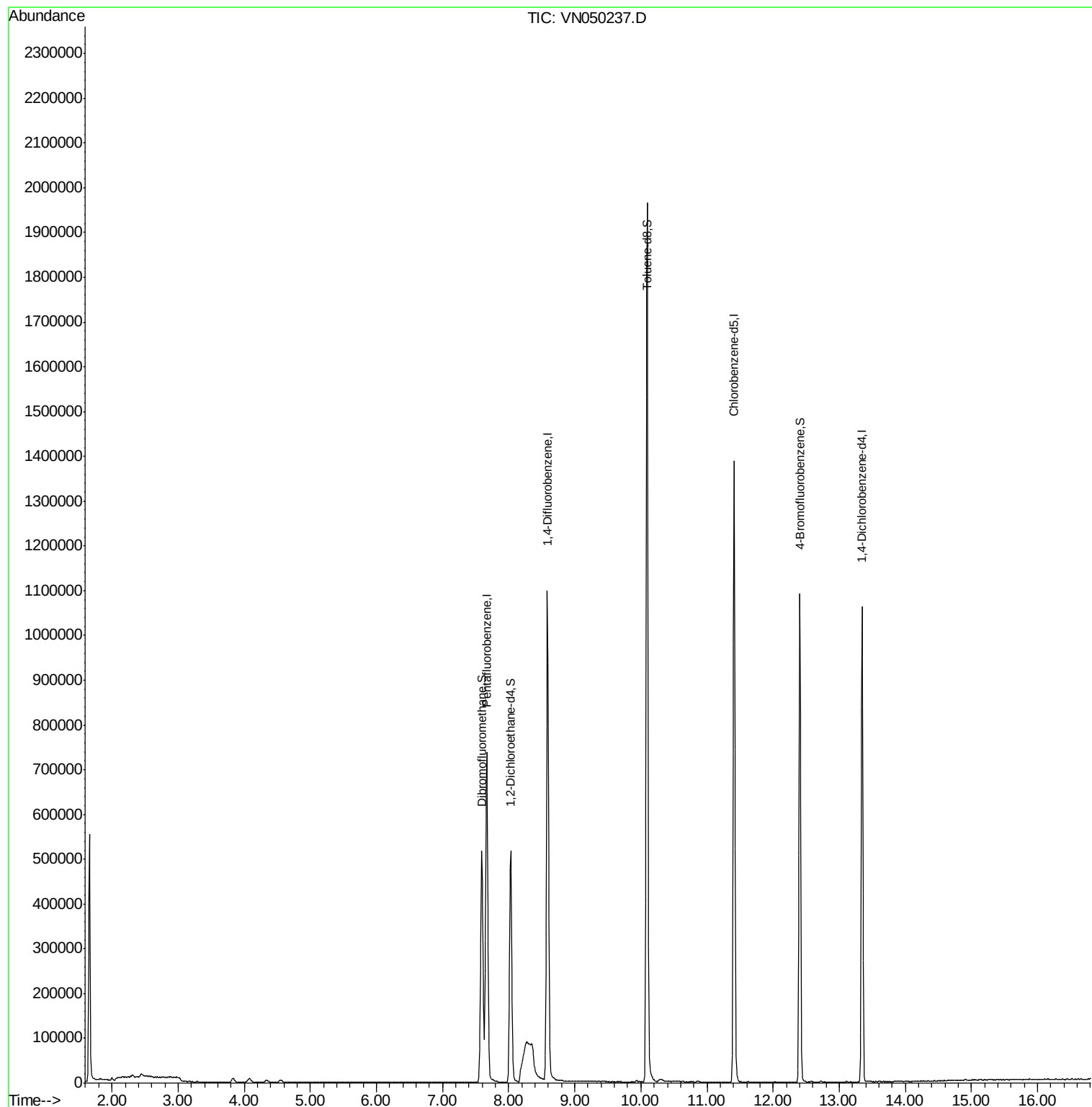
Target Compounds	Qvalue

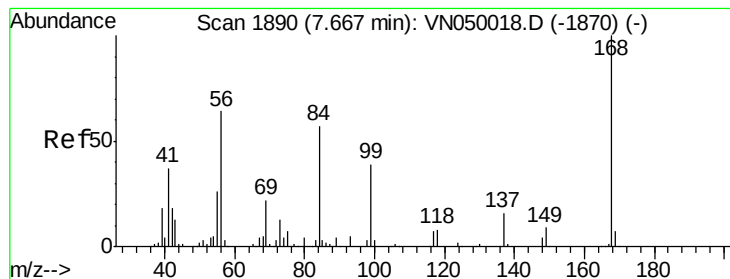
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050237.D

Acq: 1 Aug 2018 10:11

Instrument :

MSVOA_N

ClientSampleId :

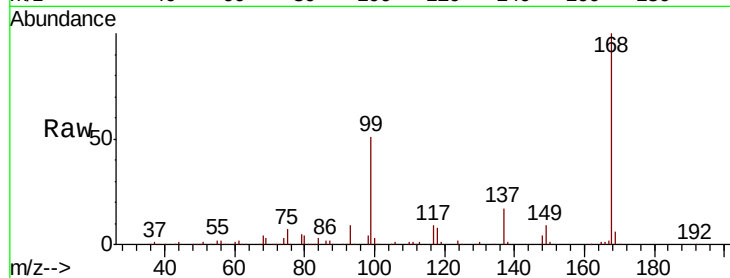
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Tot Ion:168 Resp: 630908

Ion Ratio Lower Upper

168 100

99 51.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

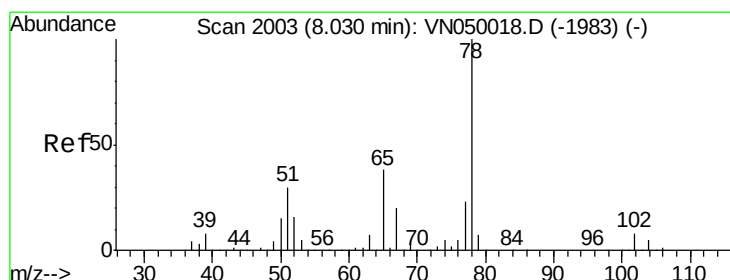
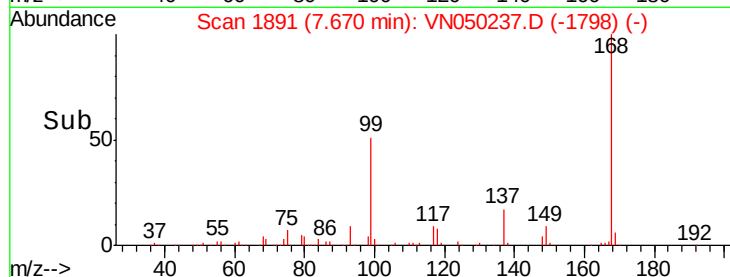
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.621 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050237.D

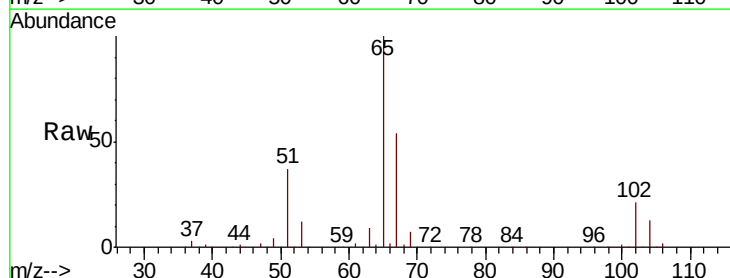
Acq: 1 Aug 2018 10:11

Tgt Ion: 65 Resp: 445598

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

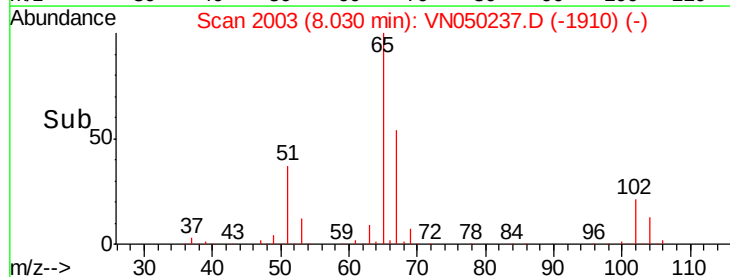
150000

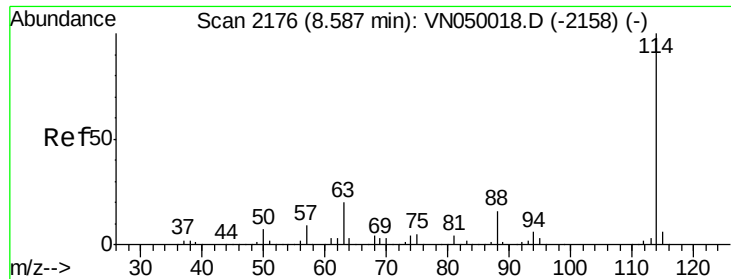
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50000

0

Time-->

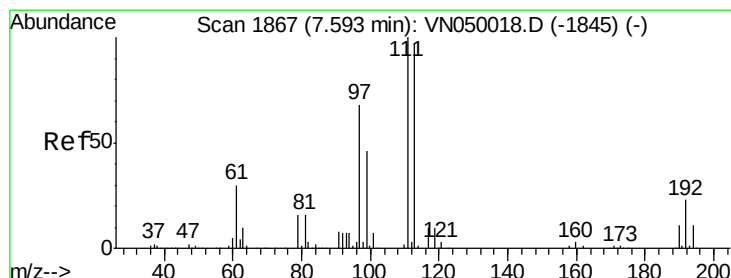
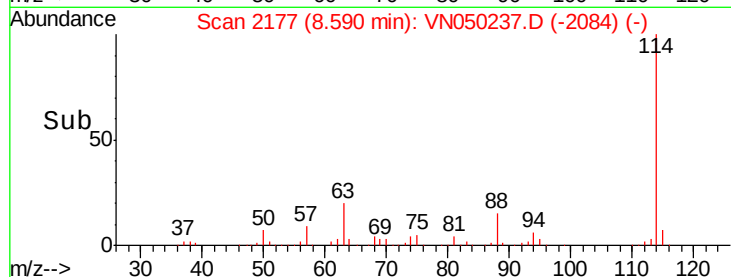
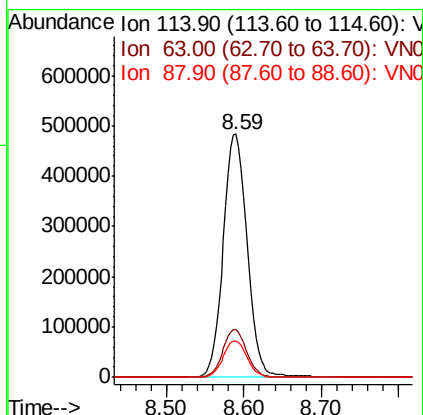
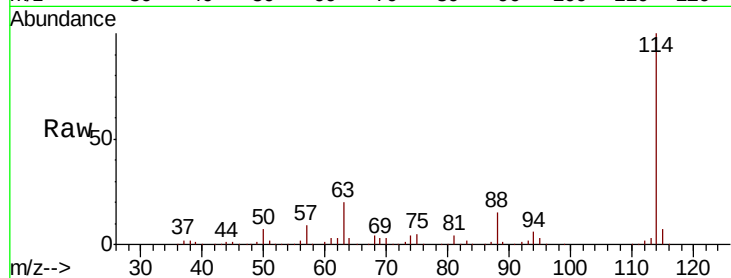




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050237.D
 Acq: 1 Aug 2018 10:11

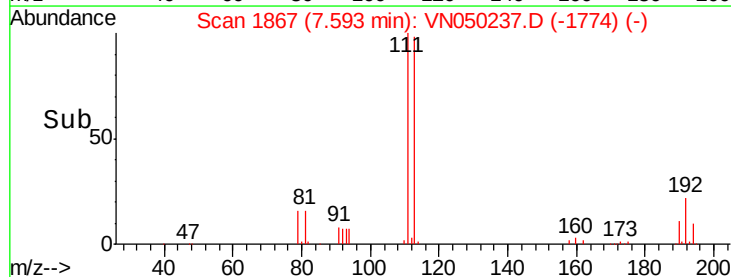
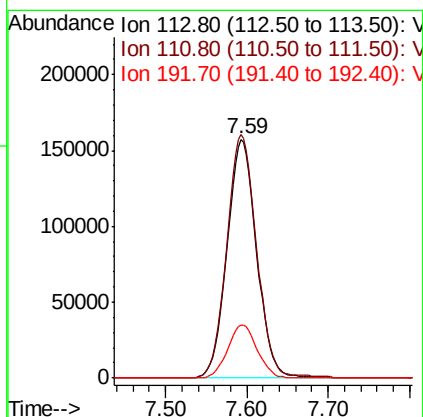
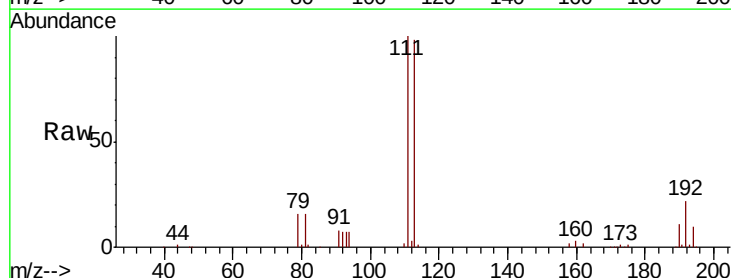
Instrument :
 MSVOA_N
 ClientSampleId :
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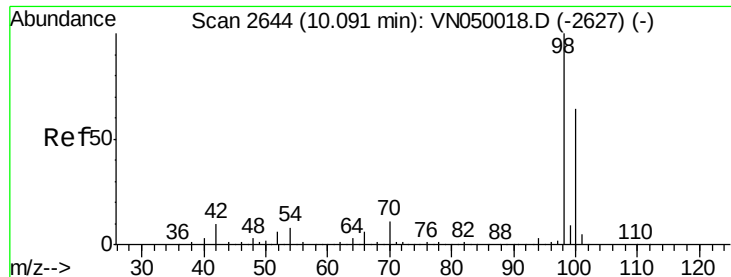
Tot Ion:114 Resp: 1041245
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 14.9 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 47.021 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050237.D
 Acq: 1 Aug 2018 10:11

Tgt Ion:113 Resp: 399751
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.7 121.1
 192 22.3 17.8 26.6





#50

Toluene-d8

Concen: 44.718 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050237.D

Acq: 1 Aug 2018 10:11

Instrument :

MSVOA_N

ClientSampleId :

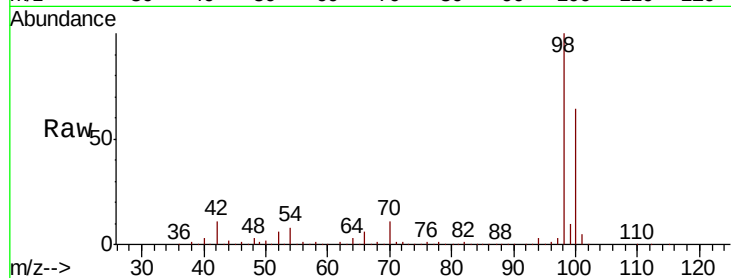
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Tot Ion: 98 Resp: 1397652

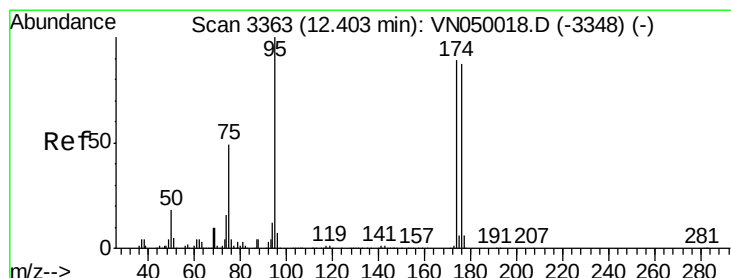
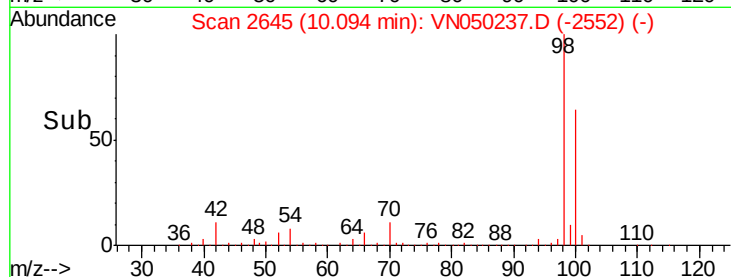
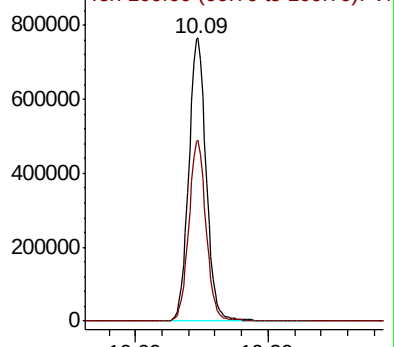
Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)



#62

4-Bromofluorobenzene

Concen: 36.046 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050237.D

Acq: 1 Aug 2018 10:11

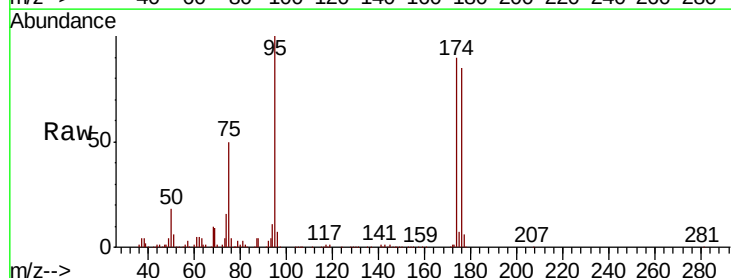
Tgt Ion: 95 Resp: 370963

Ion Ratio Lower Upper

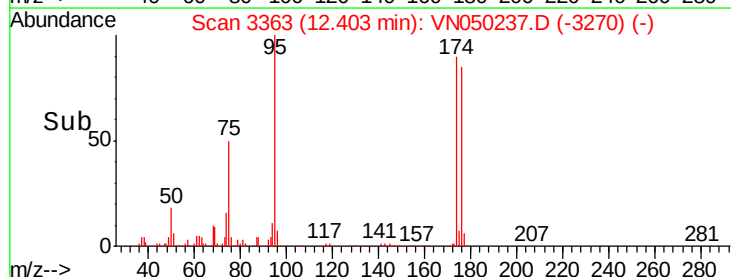
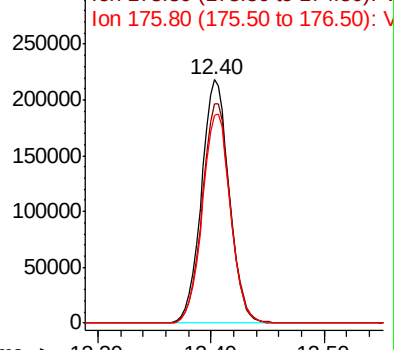
95 100

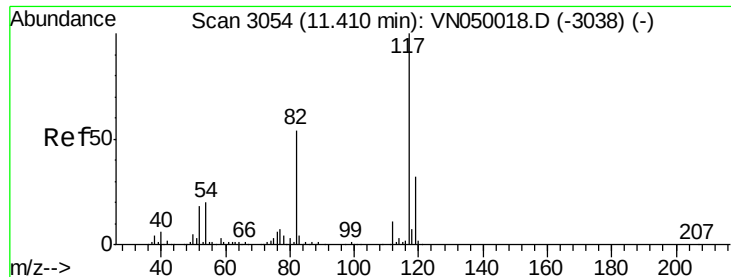
174 91.4 0.0 178.2

176 87.3 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

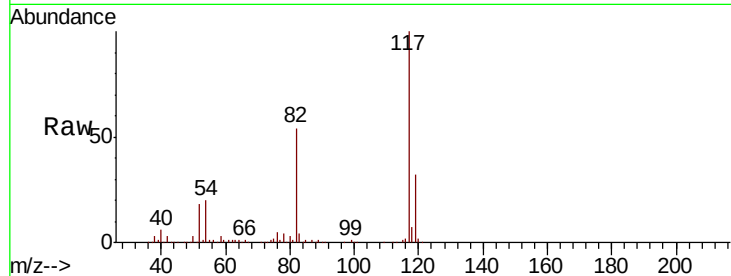




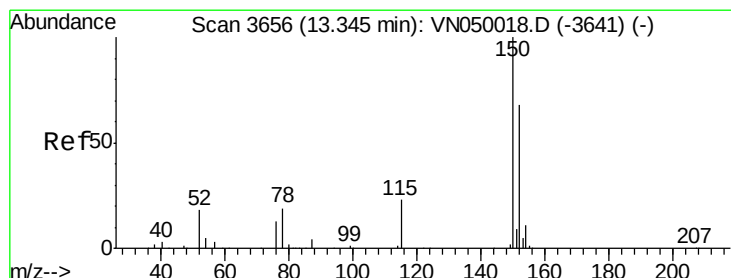
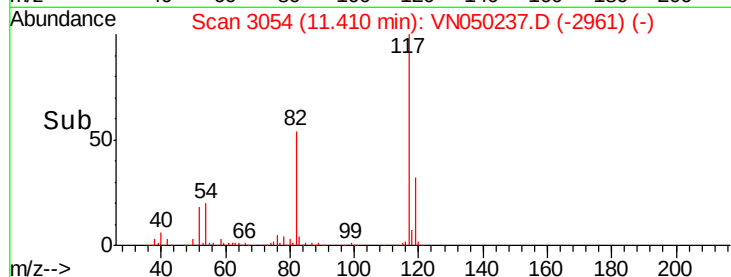
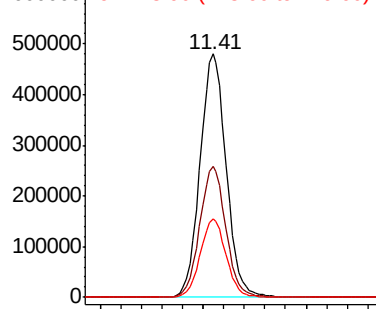
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050237.D
Acq: 1 Aug 2018 10:11

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion:117 Resp: 846124
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.2 26.1 39.1

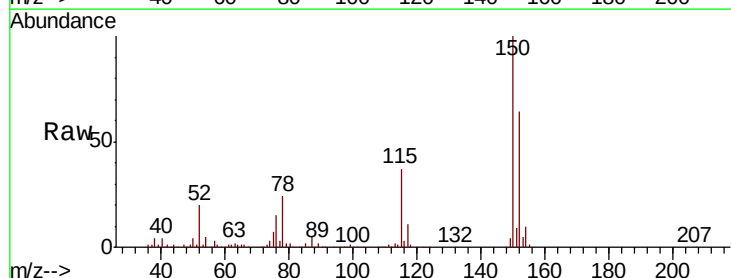


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050237.D
Acq: 1 Aug 2018 10:11

Tgt Ion:152 Resp: 304106
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.3
150 156.1 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

