

Data File : VN049651.D
Acq On : 30 Jun 2018 17:01
Operator : MD\SY
Sample : J3807-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

Quant Time: Jul 07 04:06:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1280116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2047907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1707780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	614429	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	847067	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	7.59	113	740080	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	10.09	98	2764206	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.40	95	785395	38.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.78%	

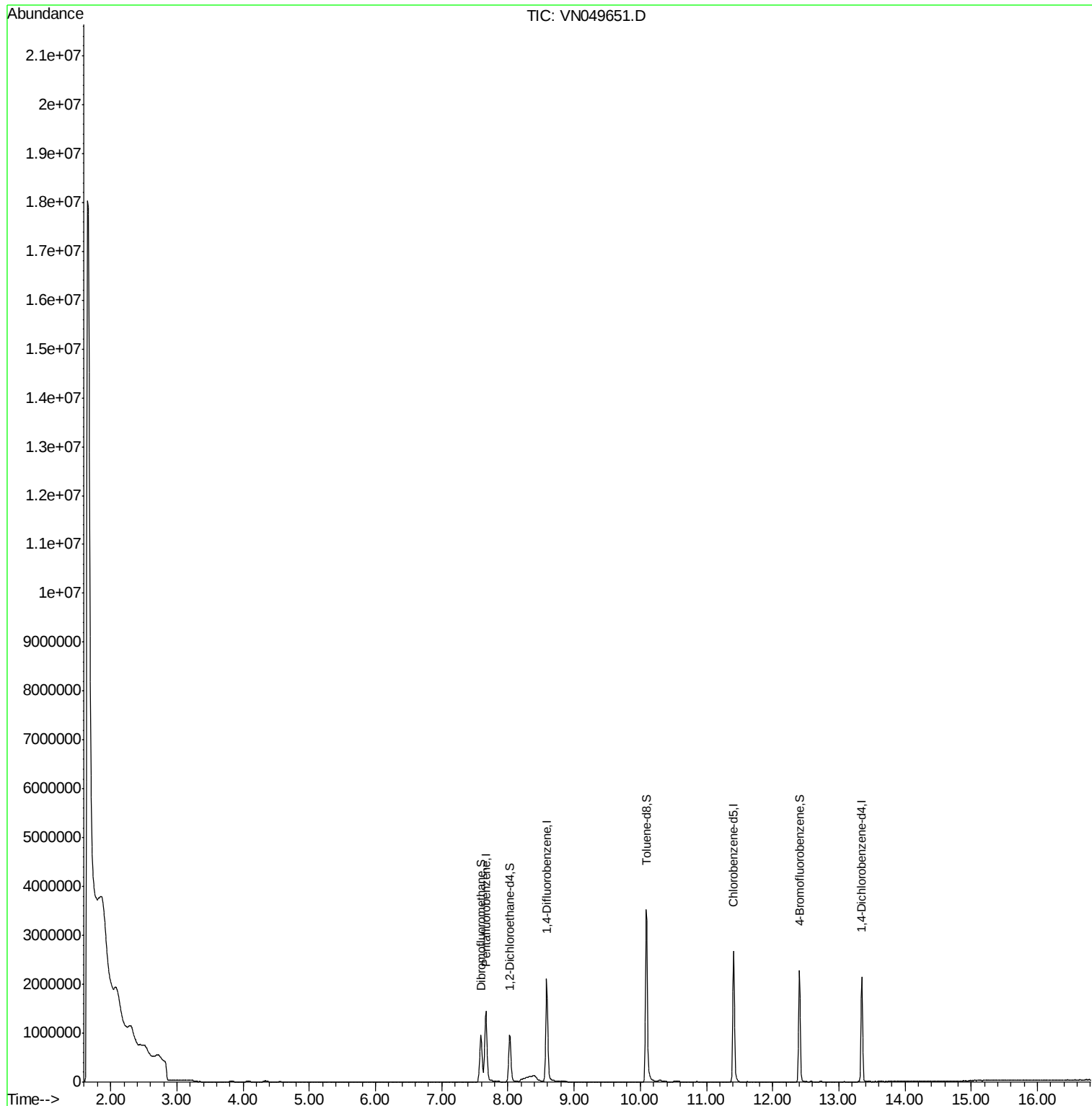
Target Compounds	Qvalue
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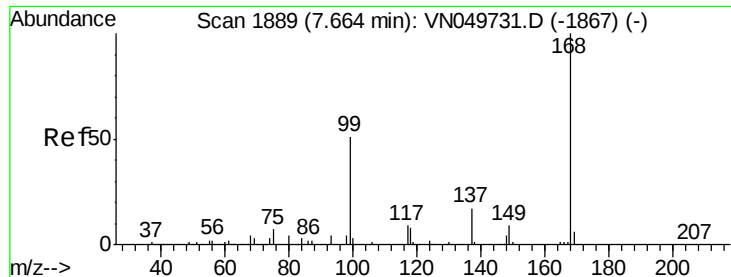
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

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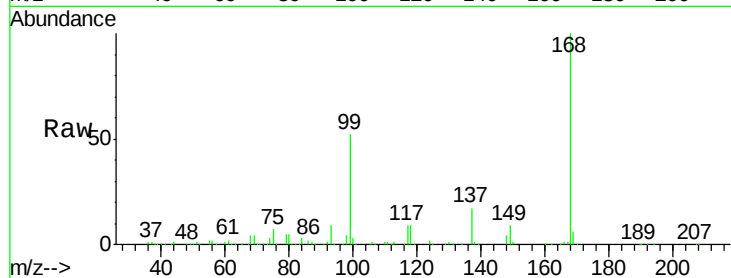
STORAGEBLANK-SAMPLEMANAG

Tgt Ion:168 Resp: 1280116

Ion Ratio Lower Upper

168 100

99 52.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

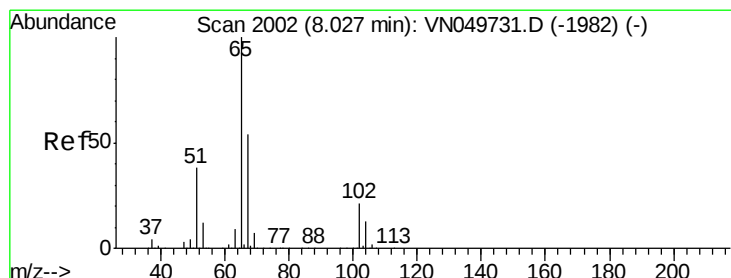
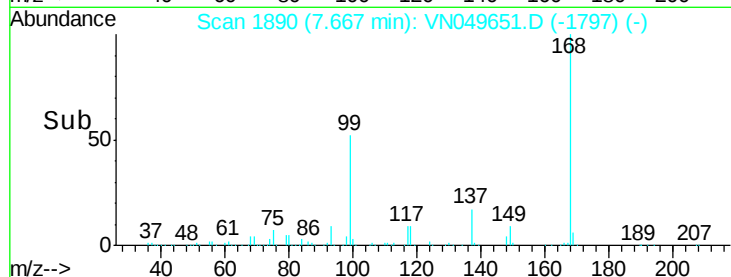
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.107 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049651.D

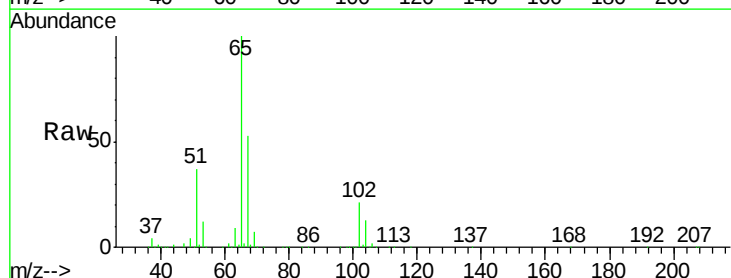
Acq: 30 Jun 2018 17:01

Tgt Ion: 65 Resp: 847067

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

400000

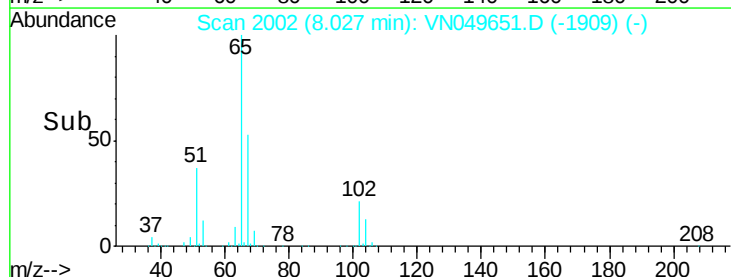
300000

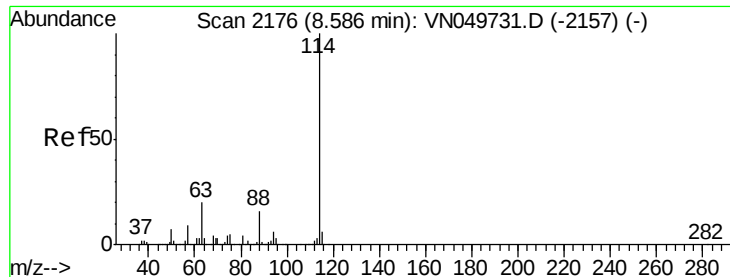
200000

100000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049651.D

Acq: 30 Jun 2018 17:01

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

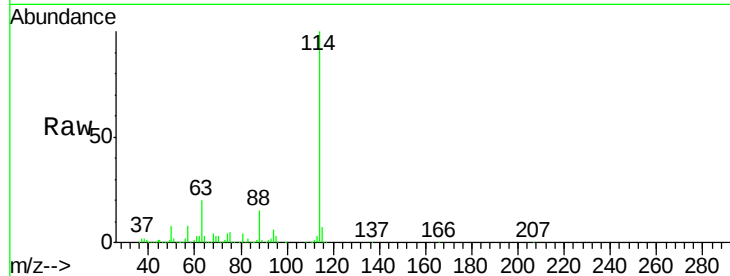
Tgt Ion:114 Resp: 2047907

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

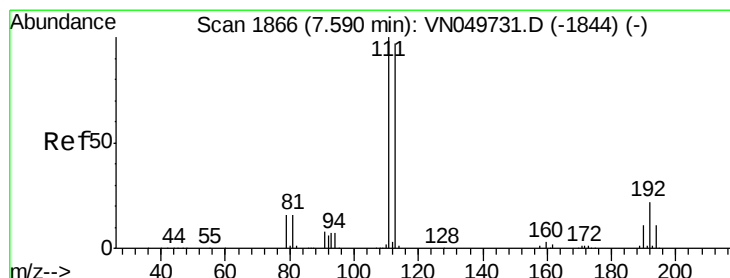
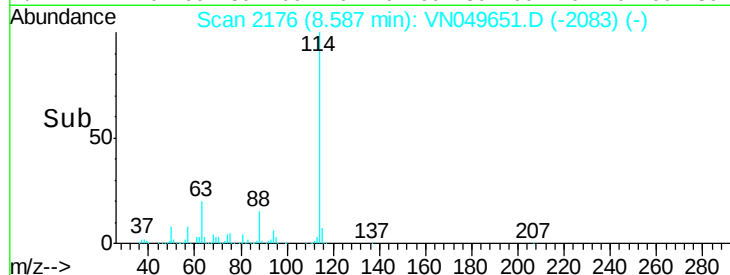
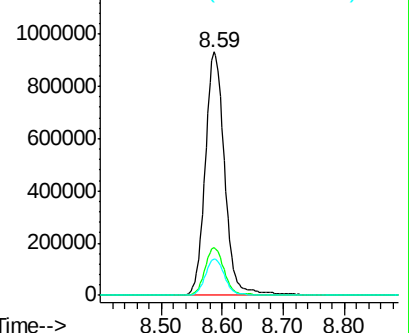
88 15.0 0.0 30.6



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: 48.339 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049651.D

Acq: 30 Jun 2018 17:01

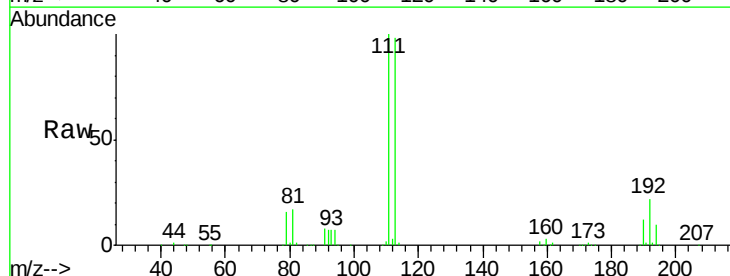
Tgt Ion:113 Resp: 740080

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

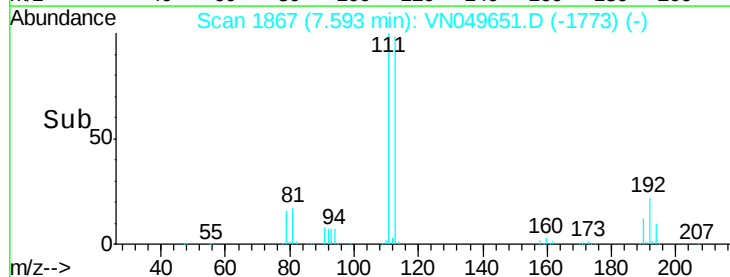
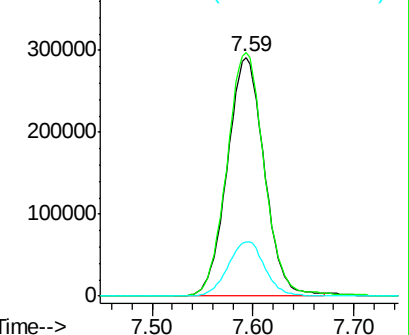
192 22.8 17.8 26.6

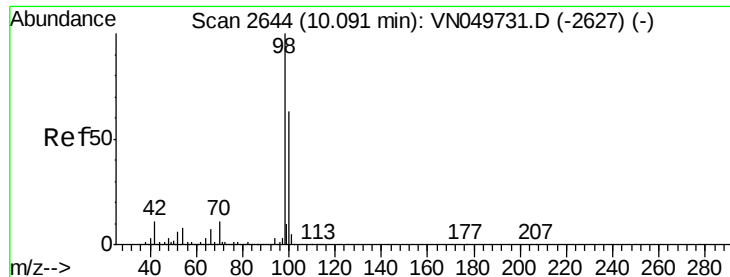


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.126 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

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ClientSampleId :

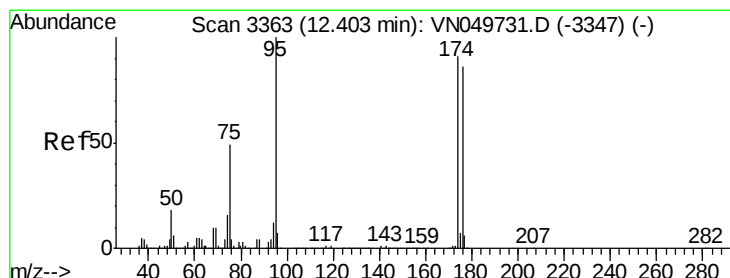
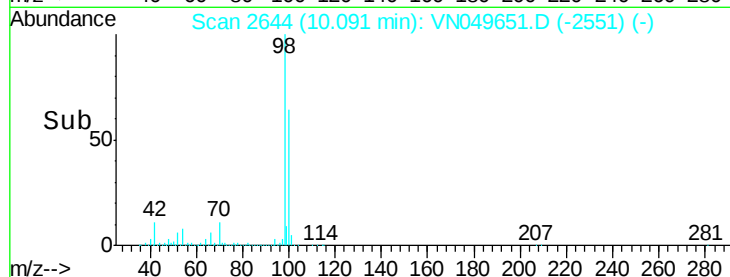
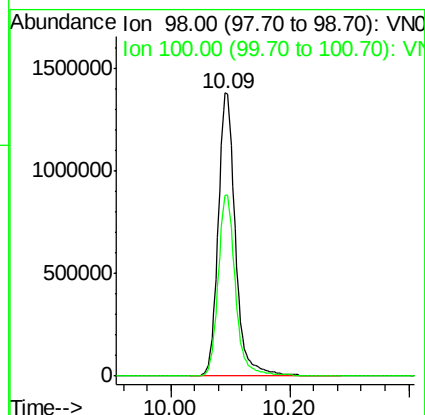
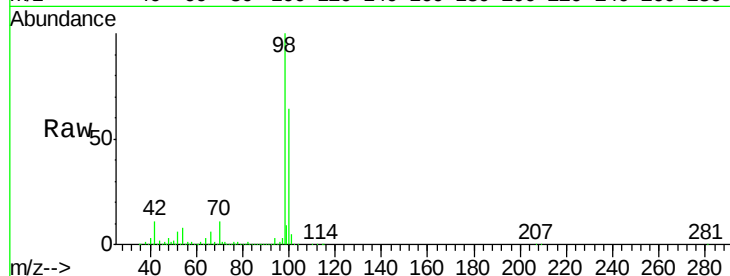
STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 98 Resp: 2764206

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 38.387 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049651.D

Acq: 30 Jun 2018 17:01

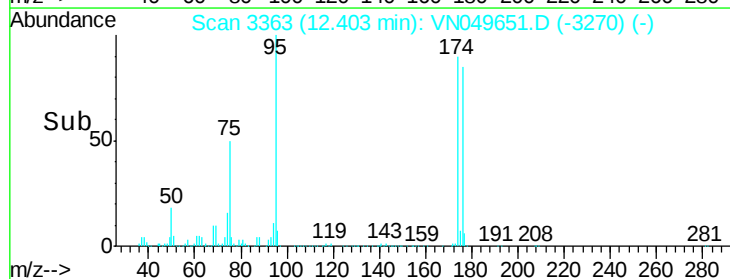
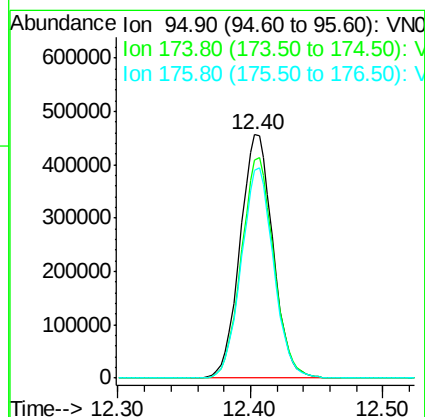
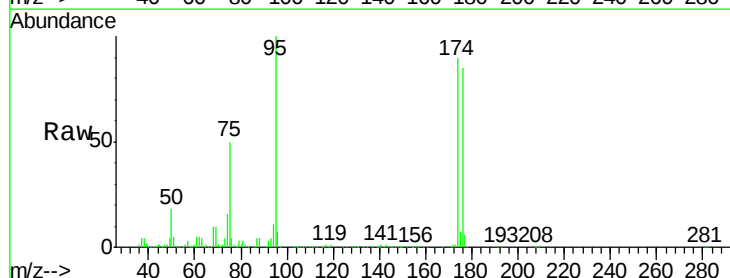
Tgt Ion: 95 Resp: 785395

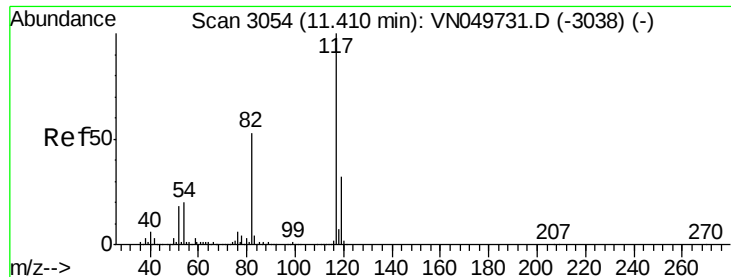
Ion Ratio Lower Upper

95 100

174 89.5 0.0 179.6

176 84.9 0.0 174.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049651.D

Acq: 30 Jun 2018 17:01

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

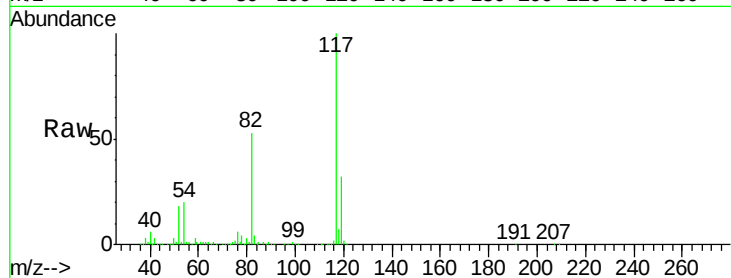
Tgt Ion:117 Resp: 1707780

Ion Ratio Lower Upper

117 100

82 53.2 41.9 62.9

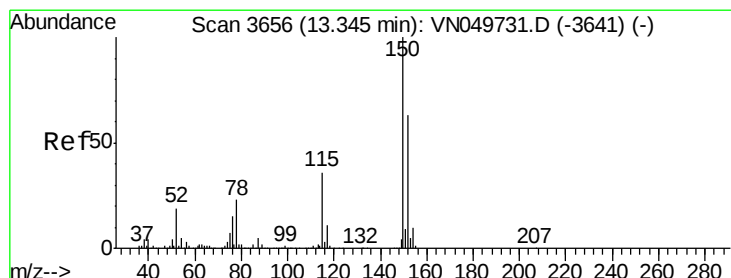
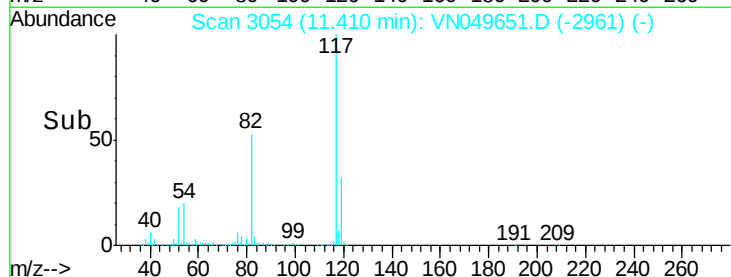
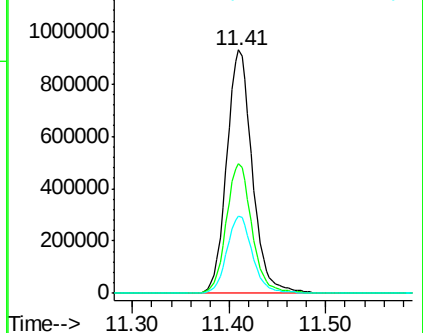
119 31.7 25.4 38.2



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: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049651.D

Acq: 30 Jun 2018 17:01

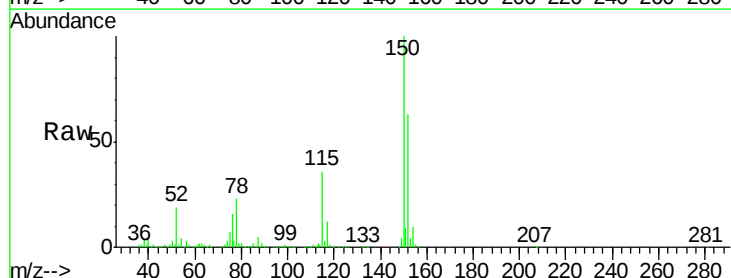
Tgt Ion:152 Resp: 614429

Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.2

150 158.0 0.0 347.6



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

