

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027275.D
 Acq On : 18 Sep 2015 1:20
 Operator : MD\FY
 Sample : G3708-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-91615

Quant Time: Sep 18 07:23:53 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	719551	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1289143	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1090601	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	371014	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	720943	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
36) Dibromofluoromethane	7.68	113	460872	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
51) Toluene-d8	10.19	98	1894965	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
63) 4-Bromofluorobenzene	12.52	95	623864	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

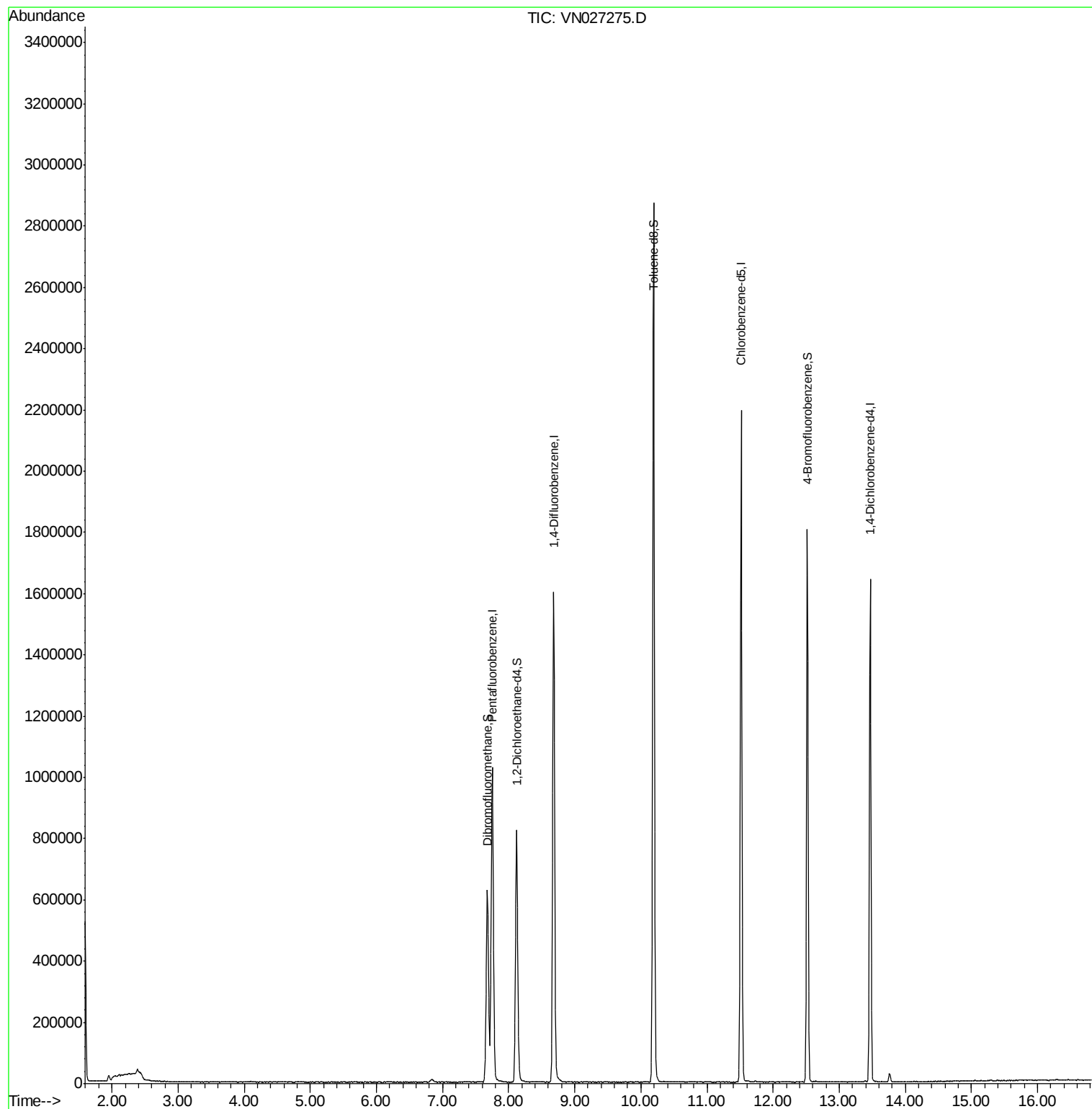
Target Compounds	Qvalue

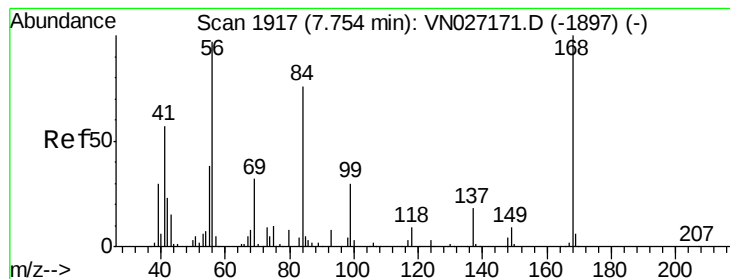
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027275.D

Acq: 18 Sep 2015 1:20

Instrument :

MSVOA_N

ClientSampleId :

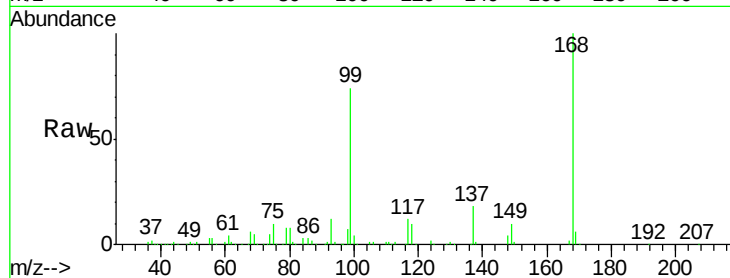
FB-91615

Tot Ion:168 Resp: 719551

Ion Ratio Lower Upper

168 100

99 74.3 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

300000

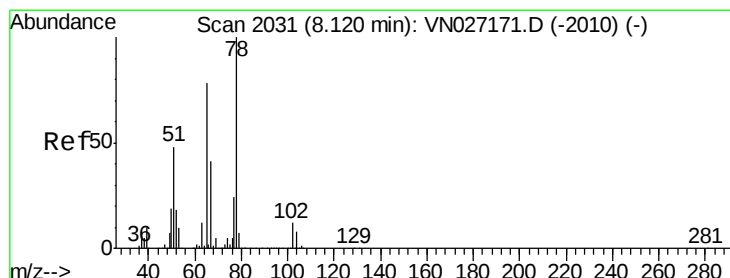
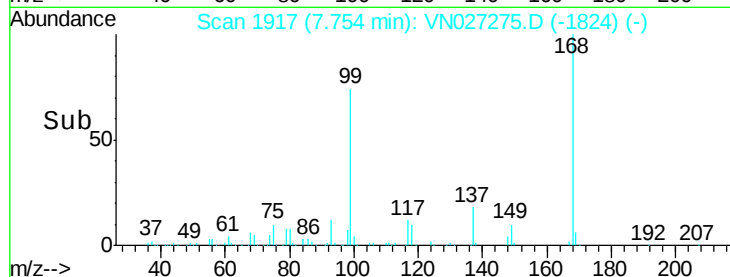
200000

100000

0

7.70 7.80

Time-->



#34

1,2-Dichloroethane-d4

Concen: 48.90 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027275.D

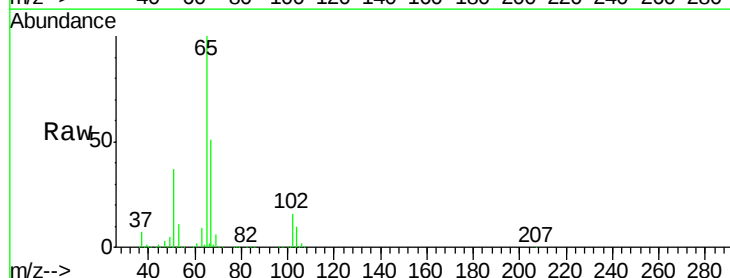
Acq: 18 Sep 2015 1:20

Tgt Ion: 65 Resp: 720943

Ion Ratio Lower Upper

65 100

67 50.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.12

300000

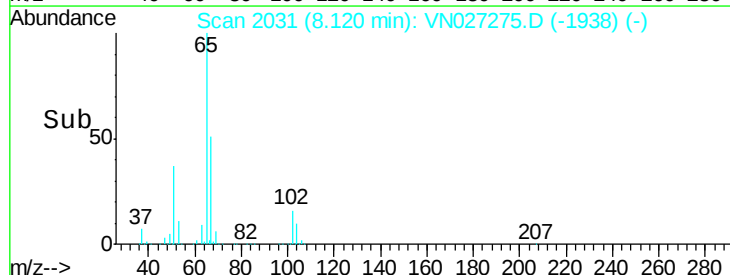
200000

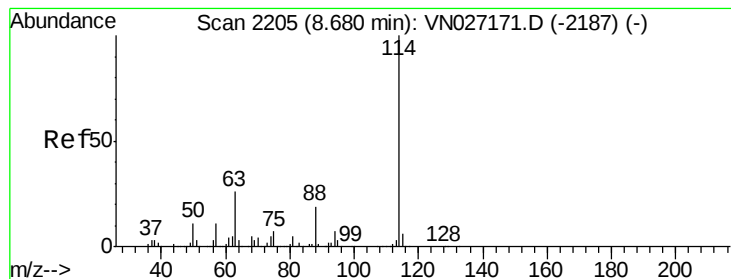
100000

0

8.00 8.10 8.20

Time-->





#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VN027275.D

Acq: 18 Sep 2015 1:20

Instrument :

MSVOA_N

ClientSampleId :

FB-91615

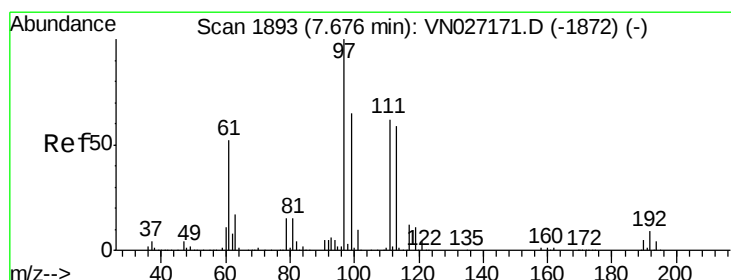
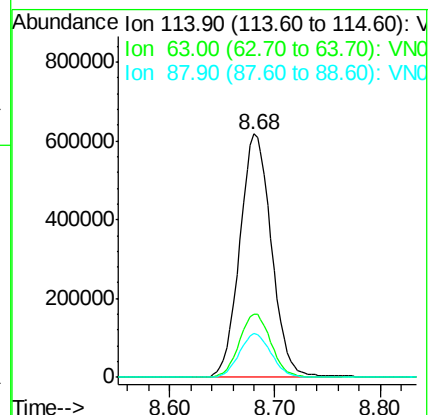
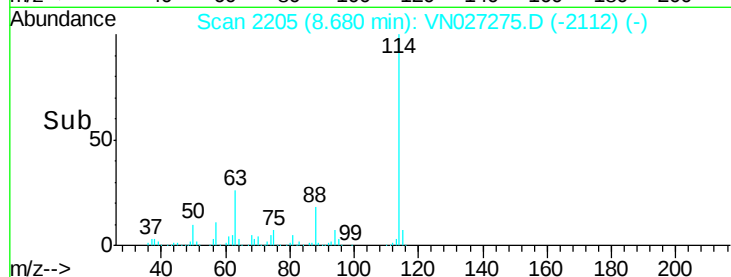
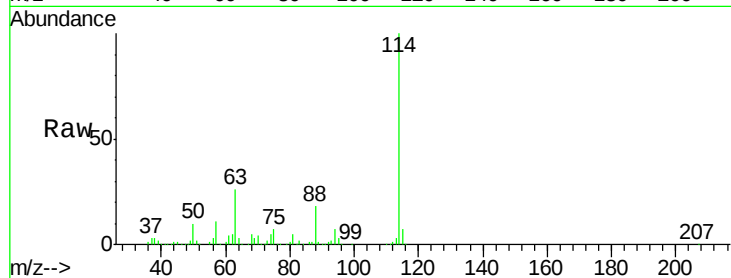
Tot Ion:114 Resp: 1289143

Ion Ratio Lower Upper

114 100

63 25.9 0.0 48.8

88 18.0 0.0 32.2



#36

Dibromofluoromethane

Concen: 51.57 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027275.D

Acq: 18 Sep 2015 1:20

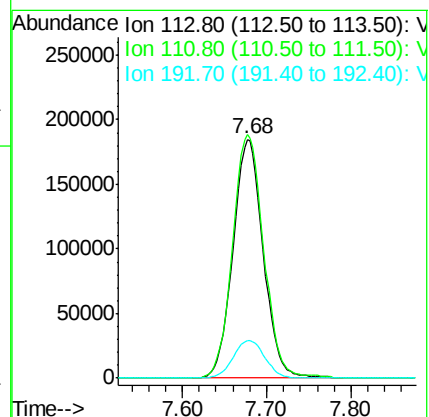
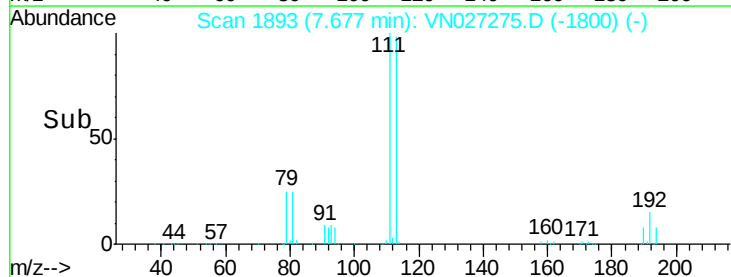
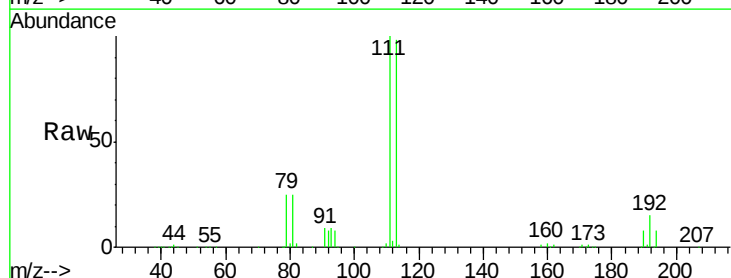
Tgt Ion:113 Resp: 460872

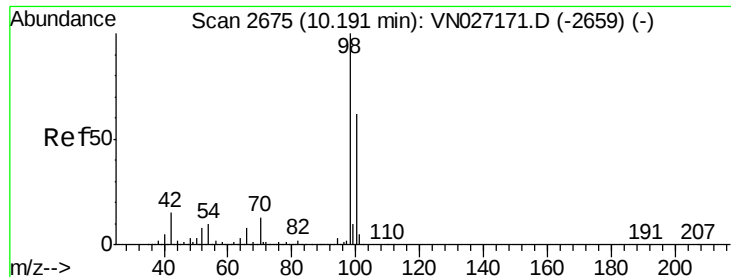
Ion Ratio Lower Upper

113 100

111 105.0 83.0 124.4

192 16.5 14.1 21.1





#51

Toluene-d8

Concen: 54.16 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027275.D

Acq: 18 Sep 2015 1:20

Instrument :

MSVOA_N

ClientSampleId :

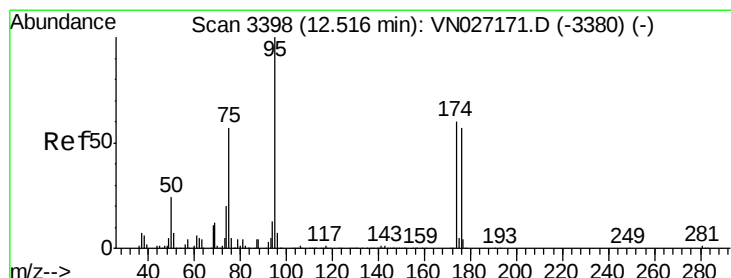
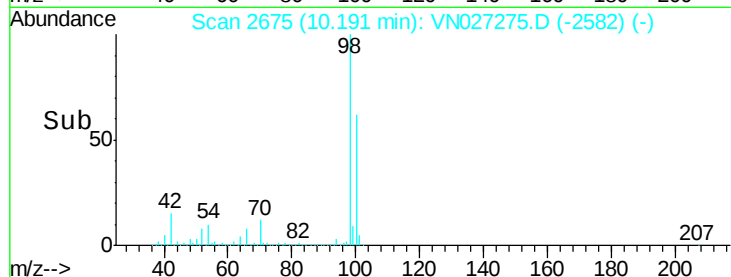
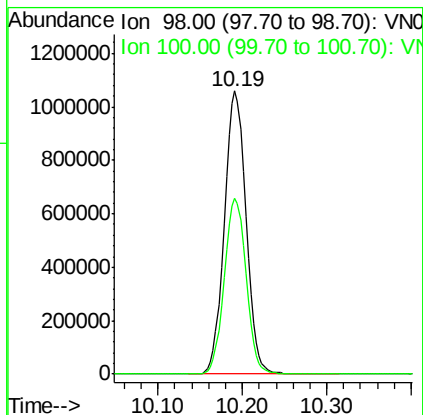
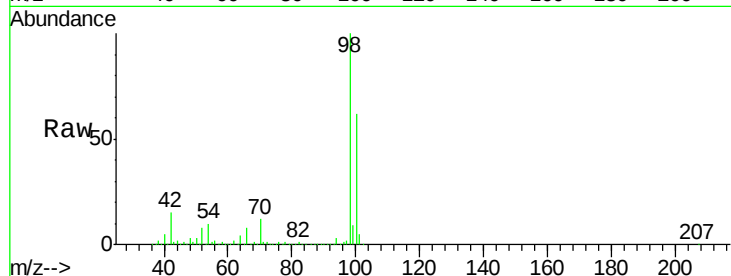
FB-91615

Tot Ion: 98 Resp: 1894965

Ion Ratio Lower Upper

98 100

100 62.6 50.5 75.7



#63

4-Bromofluorobenzene

Concen: 50.24 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.00 min

Lab File: VN027275.D

Acq: 18 Sep 2015 1:20

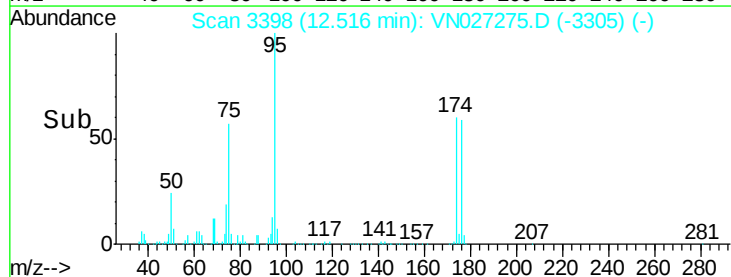
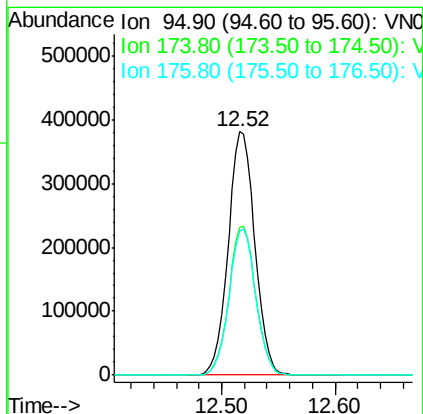
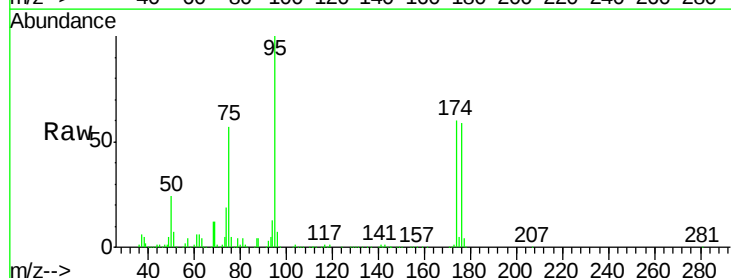
Tgt Ion: 95 Resp: 623864

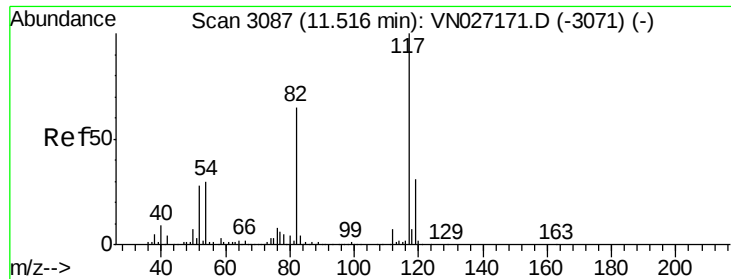
Ion Ratio Lower Upper

95 100

174 61.4 0.0 137.0

176 60.0 0.0 130.8





#64

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.52 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VN027275.D

Acq: 18 Sep 2015 1:20

Instrument :

MSVOA_N

ClientSampleId :

FB-91615

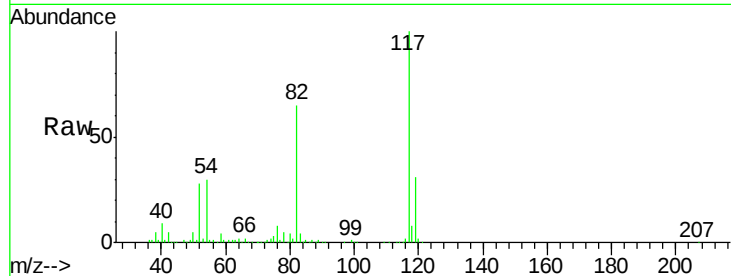
Tot Ion:117 Resp: 1090601

Ion Ratio Lower Upper

117 100

82 65.2 49.6 74.4

119 30.6 24.6 36.8



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

800000

600000

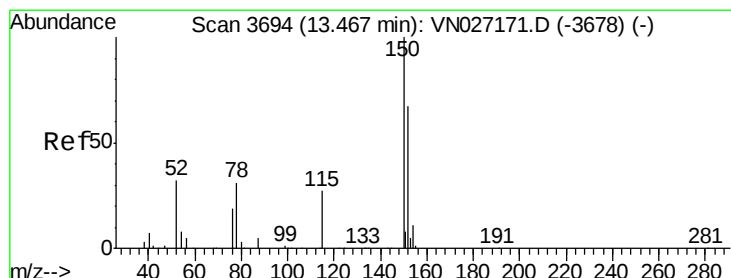
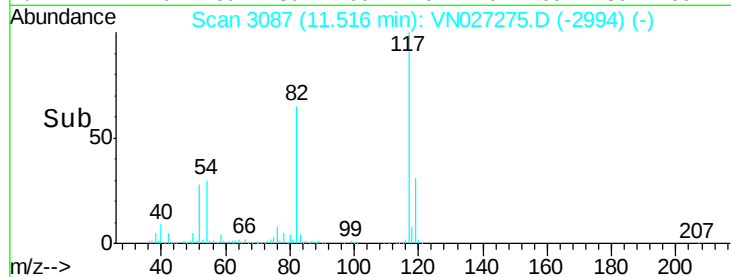
400000

200000

0

11.50 11.52 11.54 11.56 11.58 11.60

Time-->



#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027275.D

Acq: 18 Sep 2015 1:20

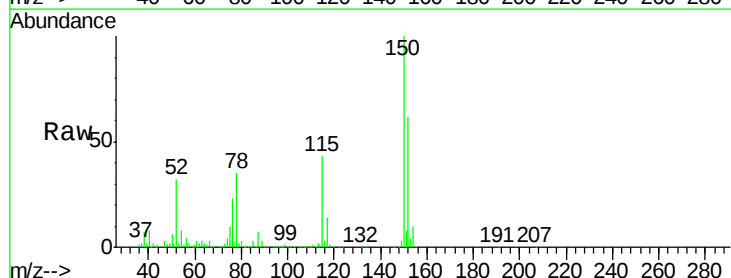
Tgt Ion:152 Resp: 371014

Ion Ratio Lower Upper

152 100

115 67.9 30.8 92.3

150 158.2 0.0 345.0



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

500000

400000

300000

200000

100000

0

13.40 13.45 13.47 13.49 13.51 13.55

Time-->

