

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027253.D
 Acq On : 17 Sep 2015 14:17
 Operator : MD\FY
 Sample : G3663-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK-9-12-15

Quant Time: Sep 18 02:31:38 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	781704	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1376164	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1152320	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	391731	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	759939	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
36) Dibromofluoromethane	7.68	113	493677	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
51) Toluene-d8	10.19	98	2018430	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
63) 4-Bromofluorobenzene	12.52	95	654466	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

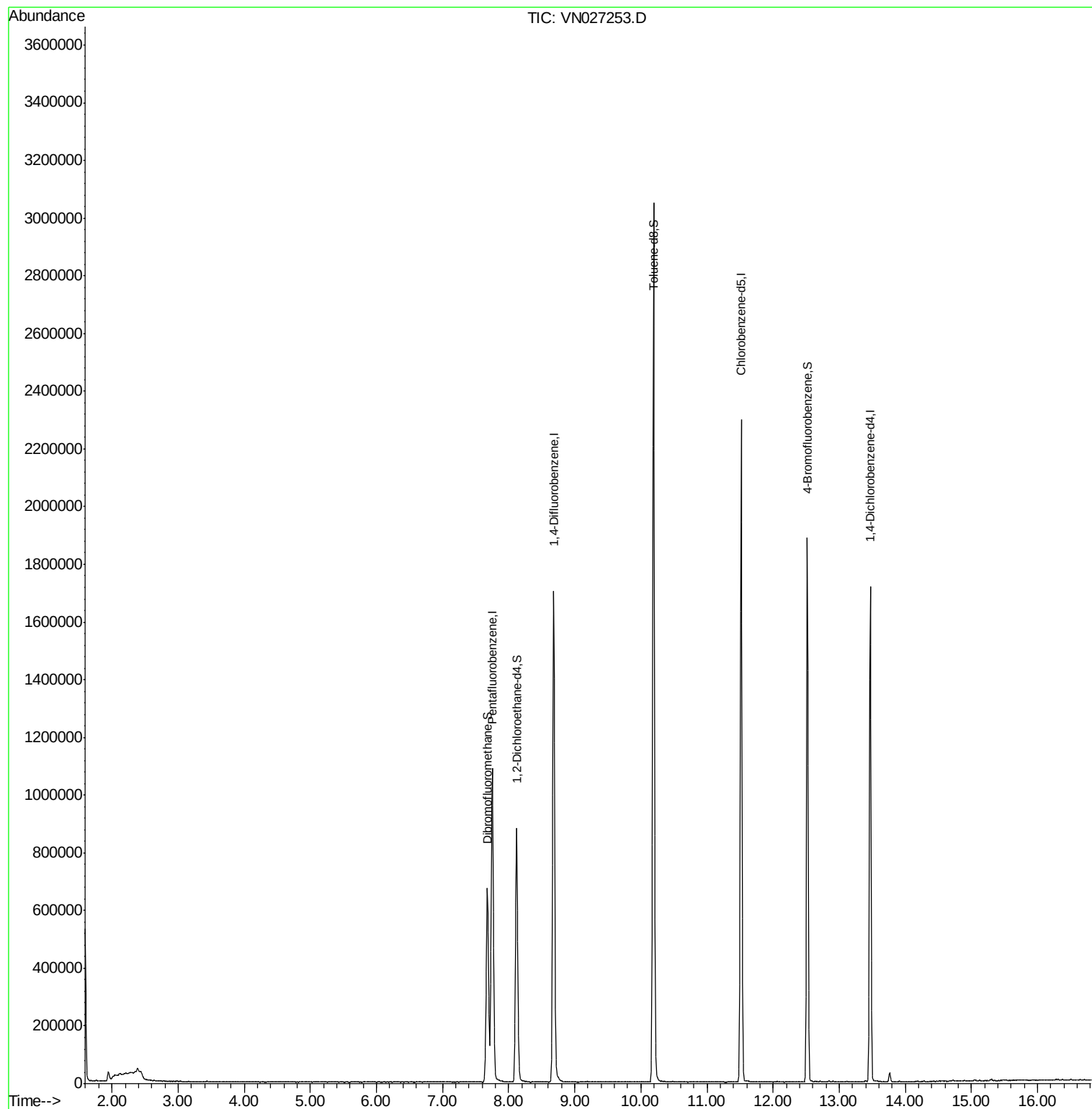
Target Compounds	Qvalue

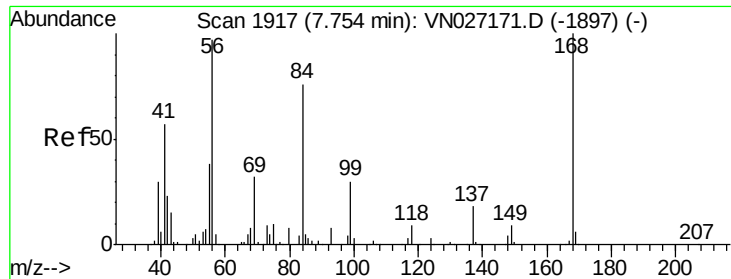
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027253.D

Acq: 17 Sep 2015 14:17

Instrument :

MSVOA_N

ClientSampleId :

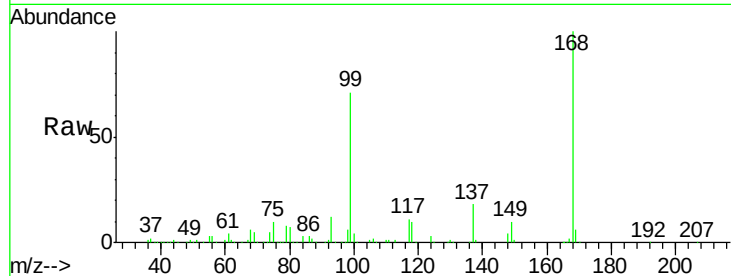
TRIPBLANK-9-12-15

Tot Ion:168 Resp: 781704

Ion Ratio Lower Upper

168 100

99 71.3 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.75

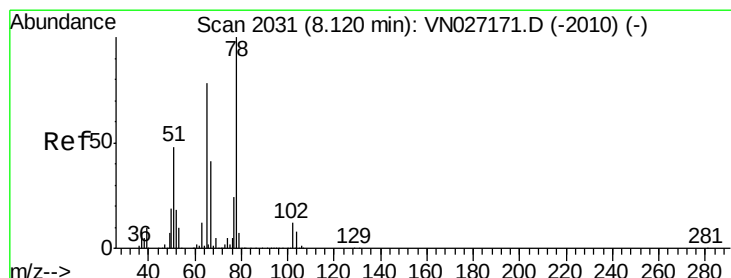
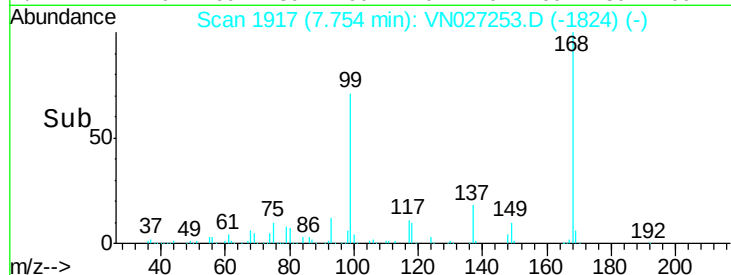
300000

200000

100000

0

Time--> 7.60 7.70 7.80 7.90



#34

1,2-Dichloroethane-d4

Concen: 47.45 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027253.D

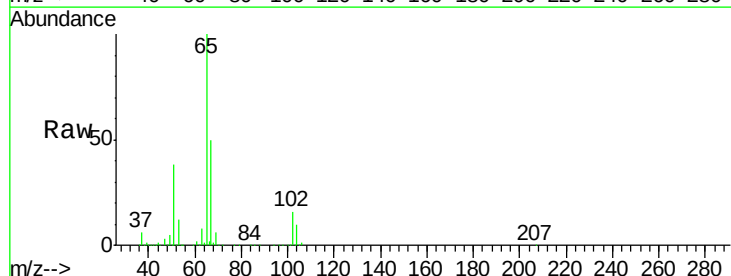
Acq: 17 Sep 2015 14:17

Tgt Ion: 65 Resp: 759939

Ion Ratio Lower Upper

65 100

67 50.4 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.12

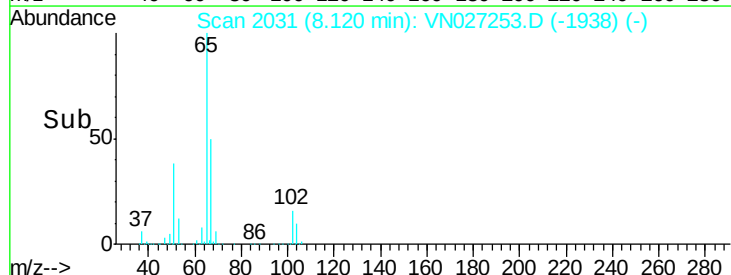
300000

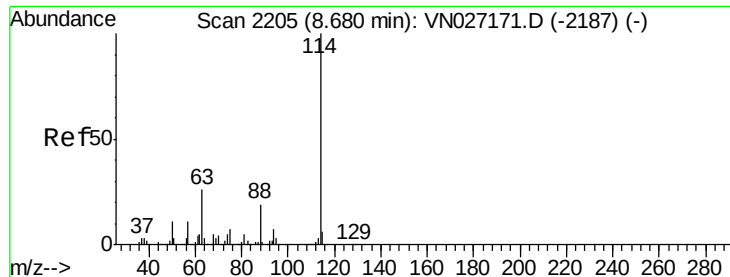
200000

100000

0

Time--> 8.00 8.10 8.20





#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VN027253.D

Acq: 17 Sep 2015 14:17

Instrument :

MSVOA_N

ClientSampleId :

TRIPBLANK-9-12-15

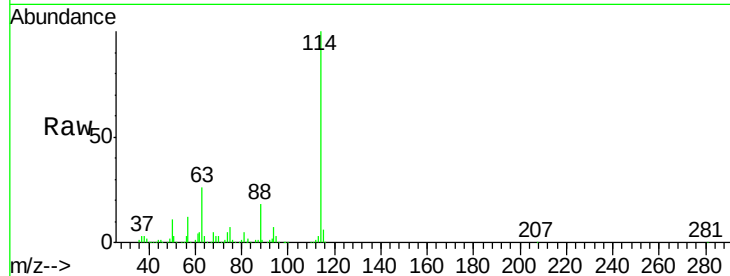
Tot Ion:114 Resp: 1376164

Ion Ratio Lower Upper

114 100

63 26.2 0.0 48.8

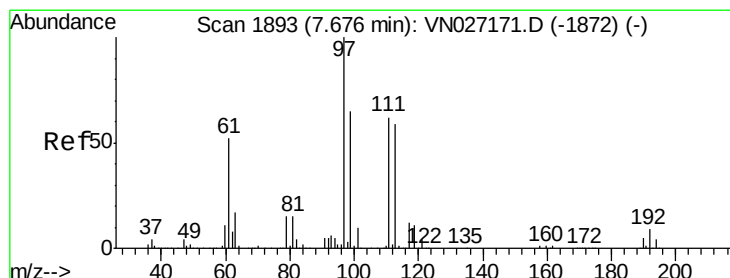
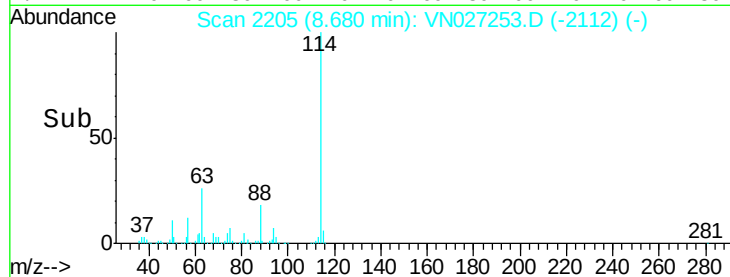
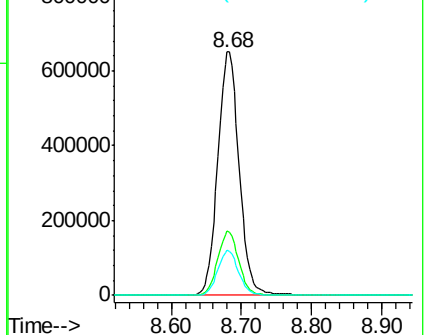
88 18.3 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#36

Dibromofluoromethane

Concen: 51.75 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027253.D

Acq: 17 Sep 2015 14:17

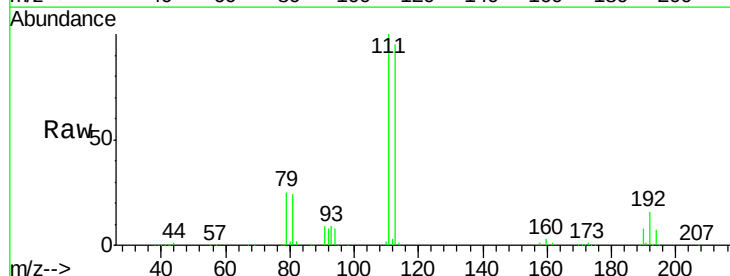
Tgt Ion:113 Resp: 493677

Ion Ratio Lower Upper

113 100

111 104.7 83.0 124.4

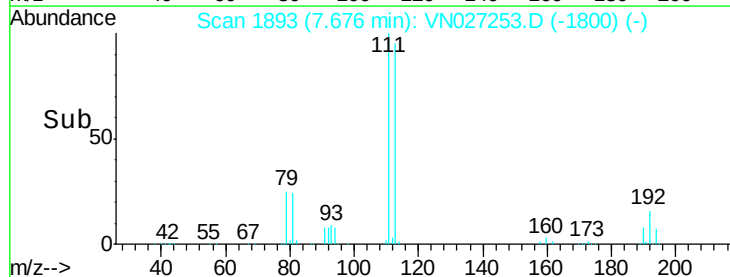
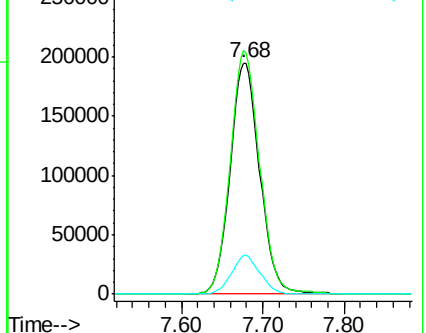
192 16.1 14.1 21.1

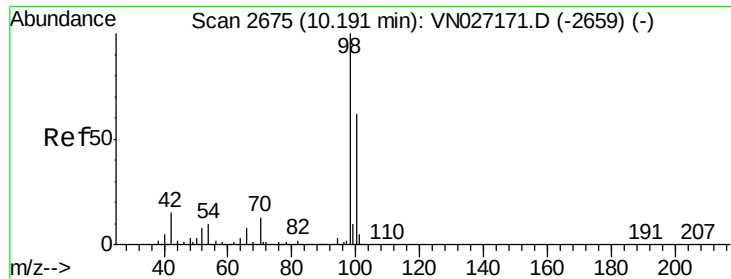


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#51

Toluene-d8

Concen: 54.04 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027253.D

Acq: 17 Sep 2015 14:17

Instrument :

MSVOA_N

ClientSampleId :

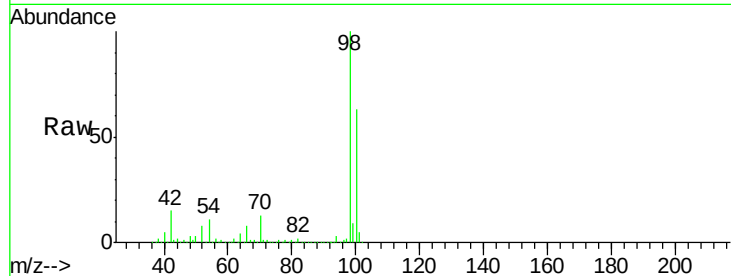
TRIPBLANK-9-12-15

Tot Ion: 98 Resp: 2018430

Ion Ratio Lower Upper

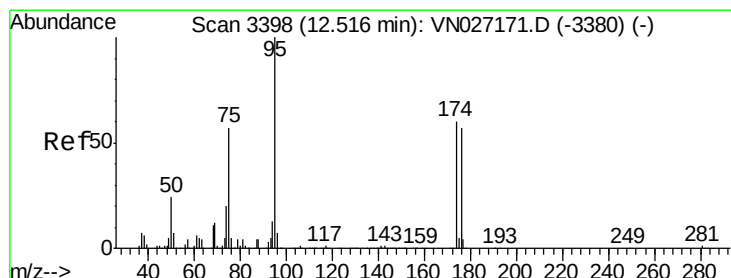
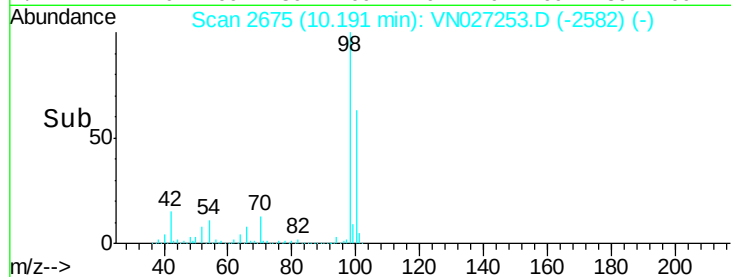
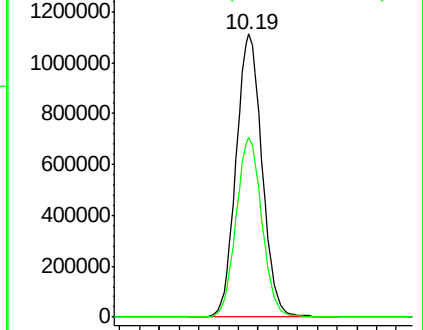
98 100

100 63.0 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#63

4-Bromofluorobenzene

Concen: 49.37 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.00 min

Lab File: VN027253.D

Acq: 17 Sep 2015 14:17

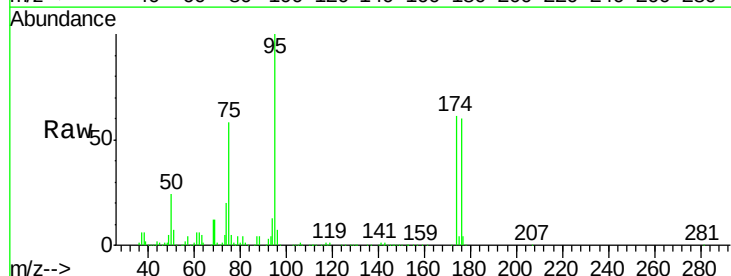
Tgt Ion: 95 Resp: 654466

Ion Ratio Lower Upper

95 100

174 62.8 0.0 137.0

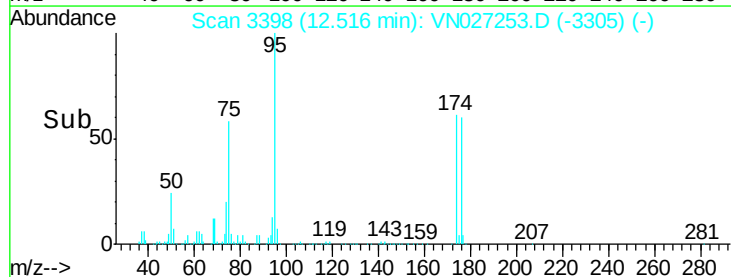
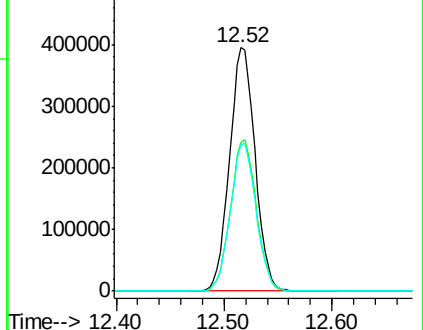
176 60.9 0.0 130.8

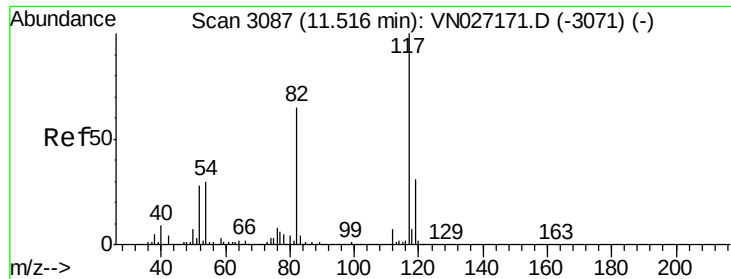


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN





#64

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.52 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VN027253.D

Acq: 17 Sep 2015 14:17

Instrument :

MSVOA_N

ClientSampleId :

TRIPBLANK-9-12-15

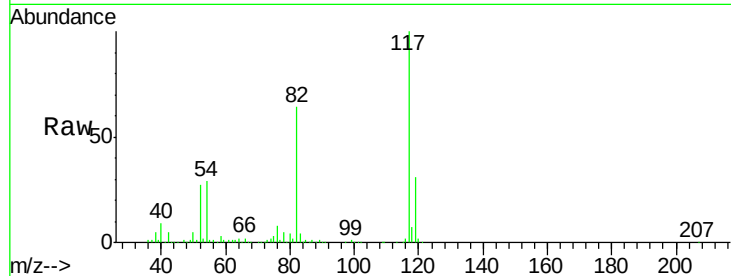
Tot Ion:117 Resp: 1152320

Ion Ratio Lower Upper

117 100

82 64.3 49.6 74.4

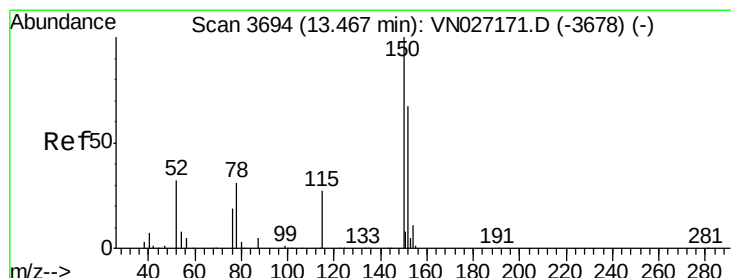
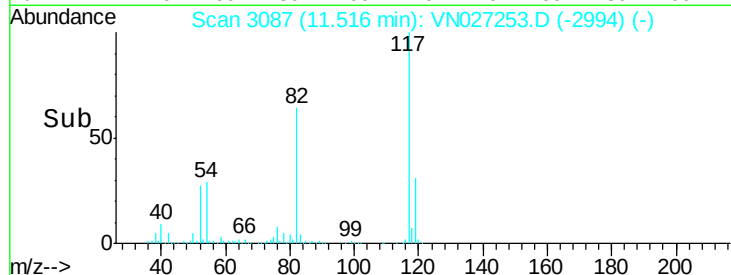
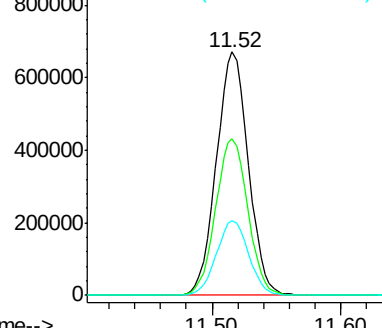
119 30.6 24.6 36.8



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



#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027253.D

Acq: 17 Sep 2015 14:17

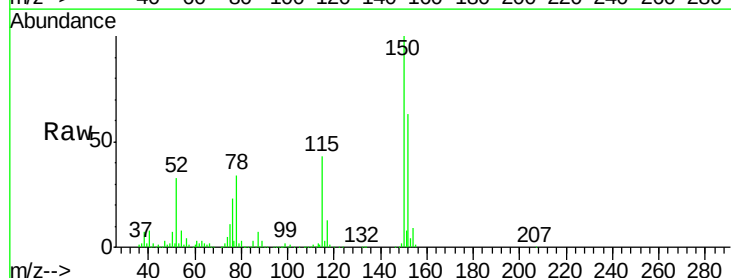
Tgt Ion:152 Resp: 391731

Ion Ratio Lower Upper

152 100

115 67.6 30.8 92.3

150 158.0 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

