

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027345.D
 Acq On : 21 Sep 2015 22:49
 Operator : MD\FY
 Sample : VN0921WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBL02

Quant Time: Sep 22 03:51:27 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	738082	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1320413	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1112218	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	373551	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	734839	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
36) Dibromofluoromethane	7.68	113	468456	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
51) Toluene-d8	10.19	98	1941078	58.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.56%	
63) 4-Bromofluorobenzene	12.52	95	628355	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

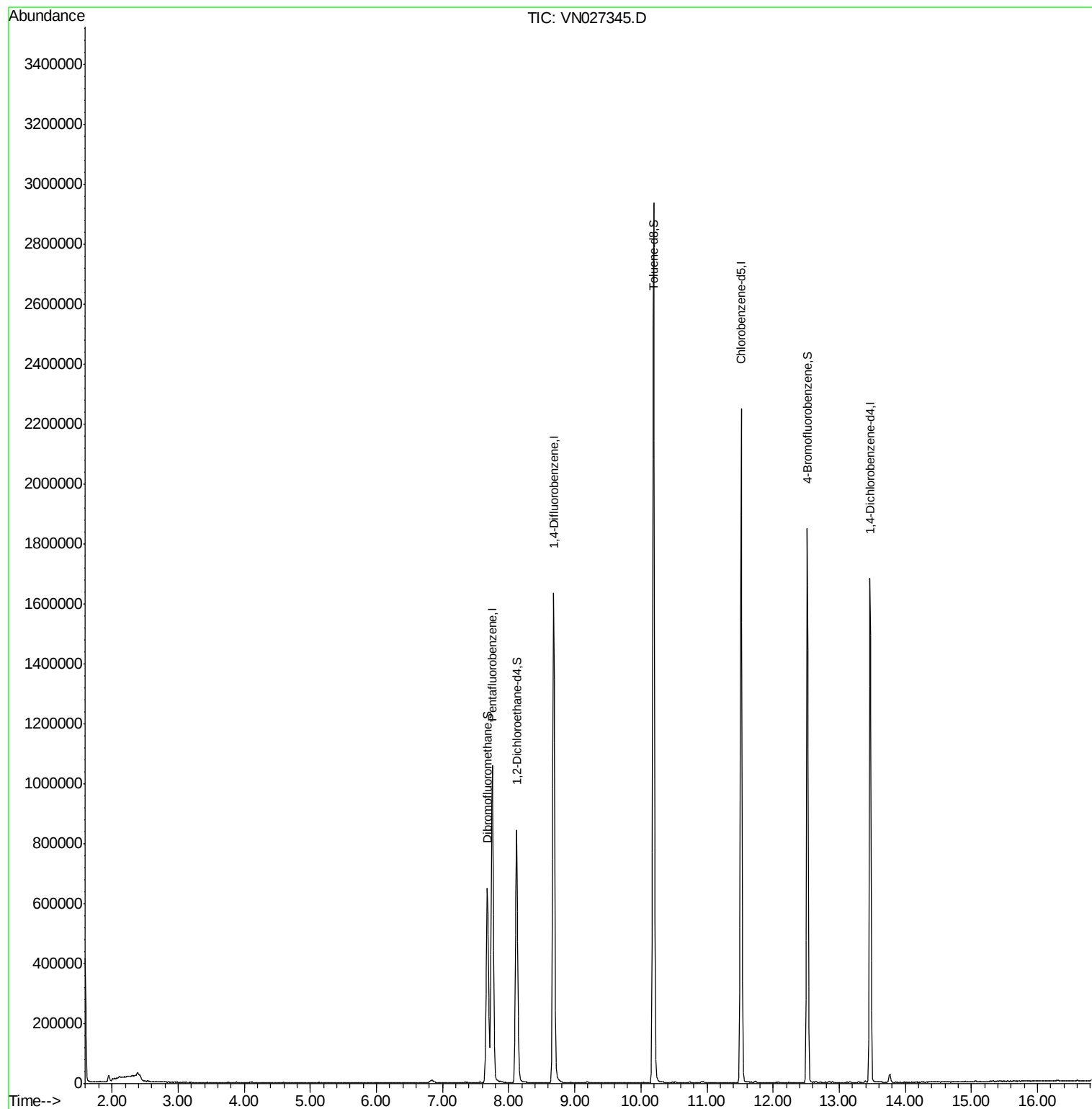
Target Compounds	Qvalue

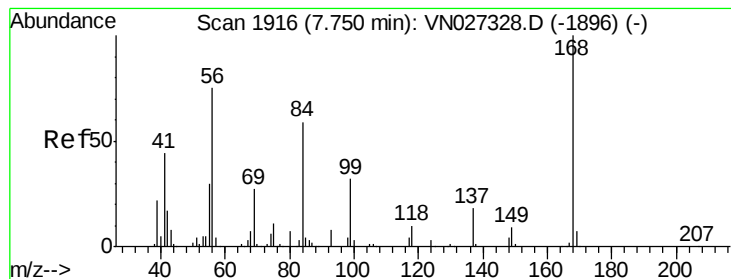
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027345.D

Acq: 21 Sep 2015 22:49

Instrument :

MSVOA_N

ClientSampleId :

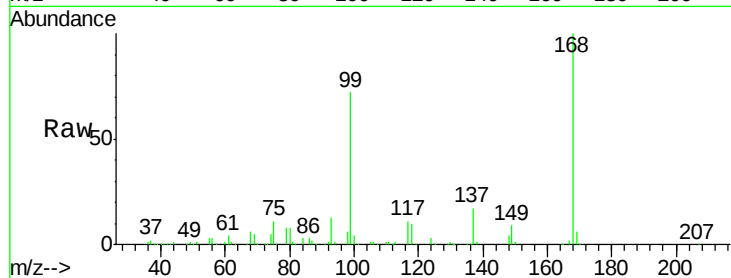
VN0921WBL02

Tot Ion:168 Resp: 738082

Ion Ratio Lower Upper

168 100

99 72.4 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

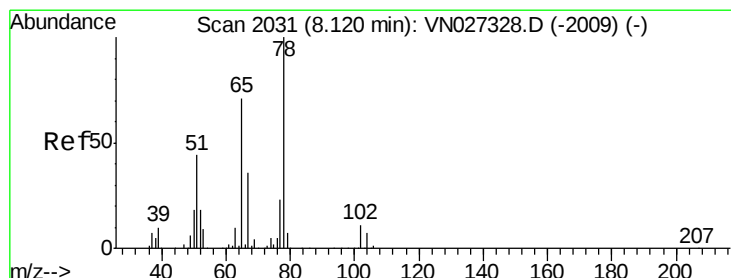
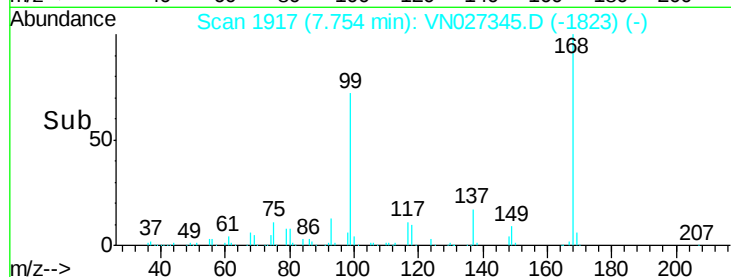
300000

200000

100000

0

Time-->



#34

1,2-Dichloroethane-d4

Concen: 50.86 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. -0.00 min

Lab File: VN027345.D

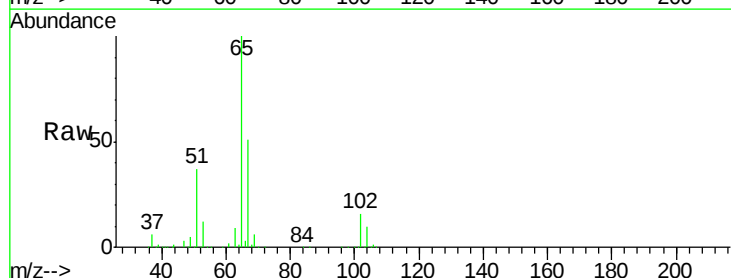
Acq: 21 Sep 2015 22:49

Tgt Ion: 65 Resp: 734839

Ion Ratio Lower Upper

65 100

67 50.7 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

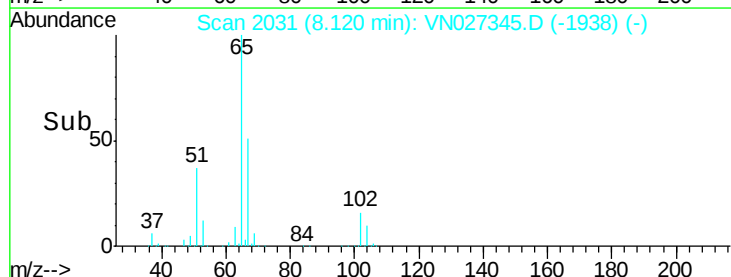
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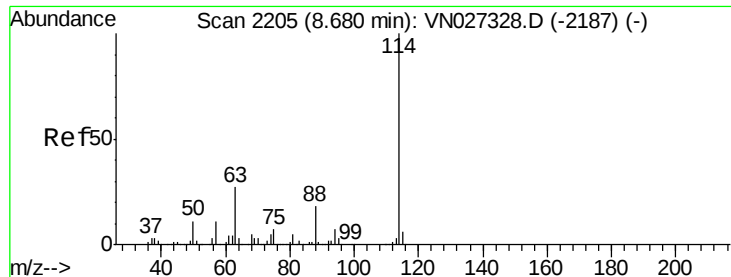
200000

100000

0

Time-->

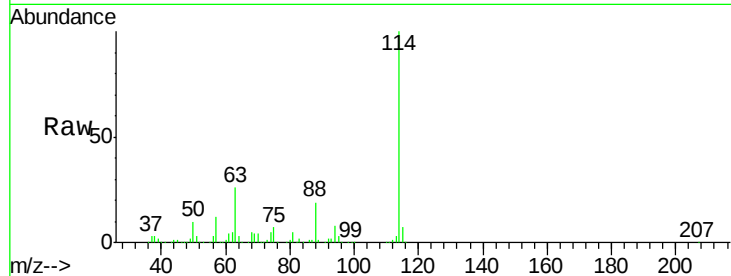




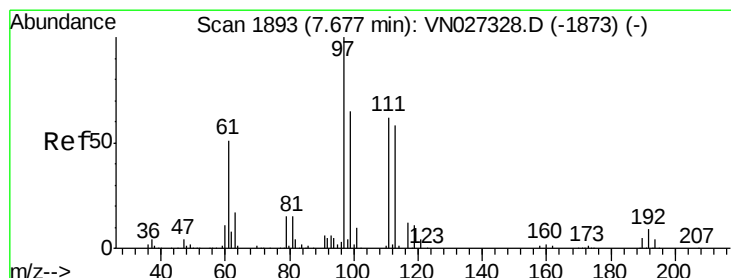
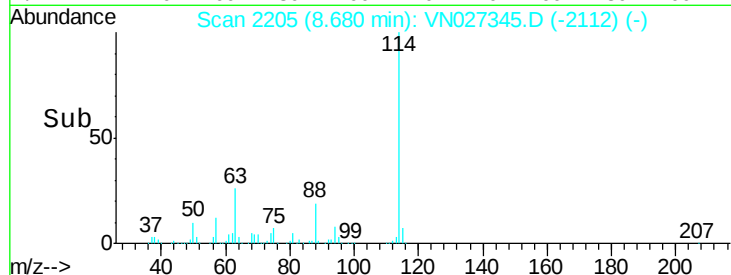
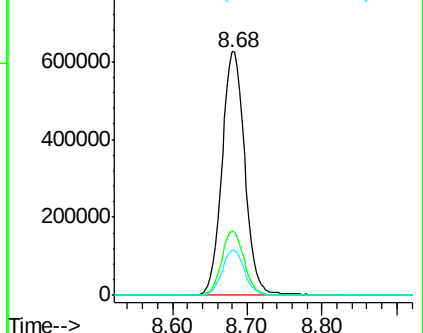
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VN027345.D
 Acq: 21 Sep 2015 22:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBL02

Tot Ion:114 Resp: 1320413
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 48.8
 88 18.6 0.0 32.2

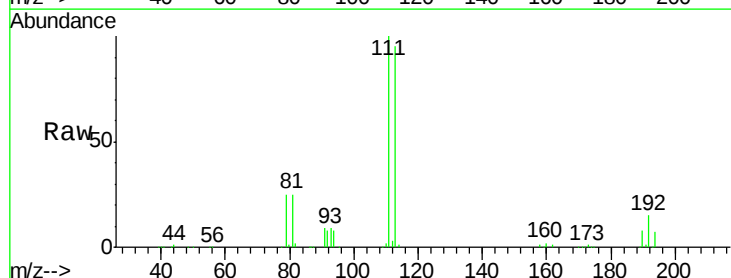


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

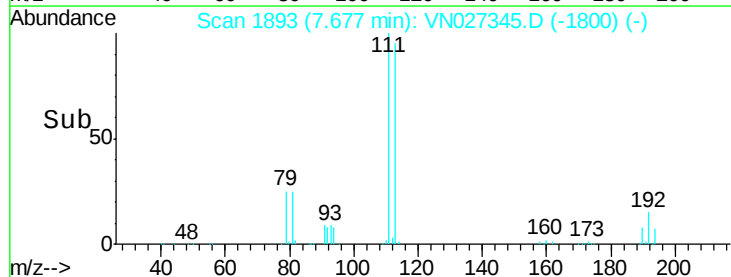
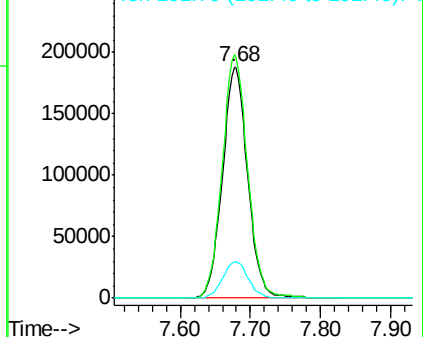


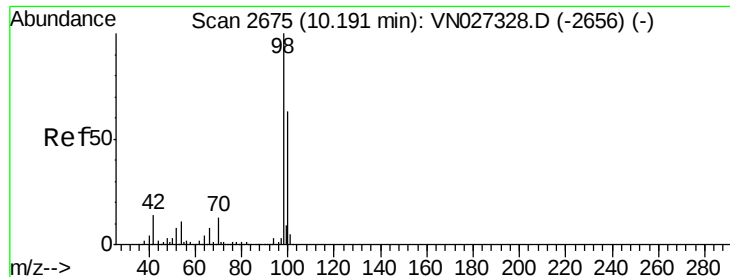
#36
 Dibromofluoromethane
 Concen: 54.37 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: VN027345.D
 Acq: 21 Sep 2015 22:49

Tgt Ion:113 Resp: 468456
 Ion Ratio Lower Upper
 113 100
 111 106.6 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: 58.28 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027345.D

Acq: 21 Sep 2015 22:49

Instrument :

MSVOA_N

ClientSampleId :

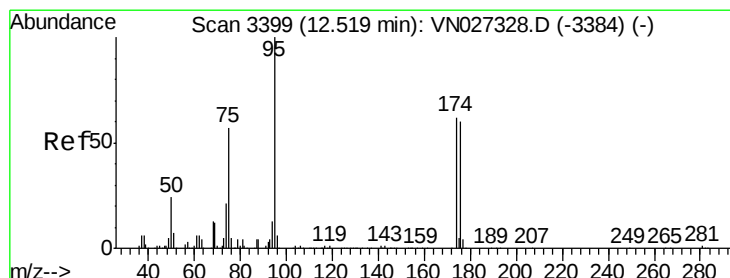
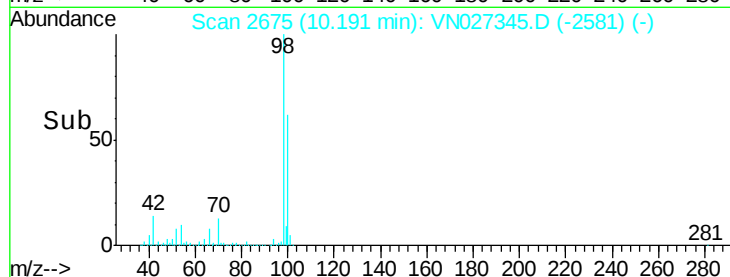
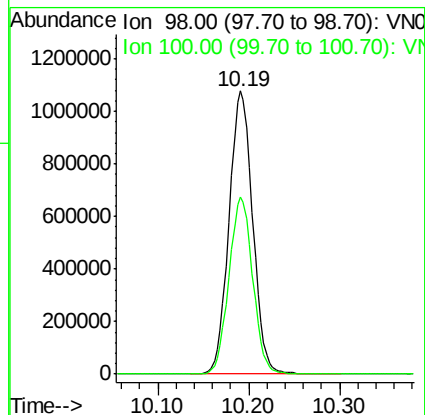
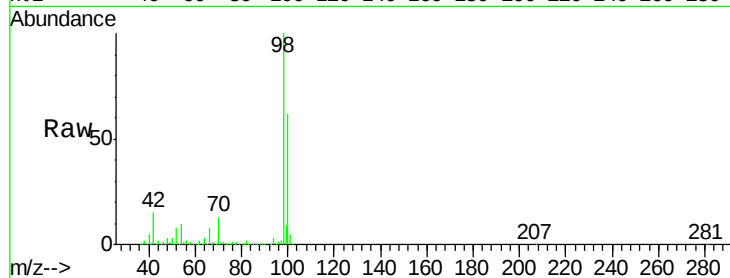
VN0921WBL02

Tot Ion: 98 Resp: 1941078

Ion Ratio Lower Upper

98 100

100 62.8 50.5 75.7



#63

4-Bromofluorobenzene

Concen: 51.93 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VN027345.D

Acq: 21 Sep 2015 22:49

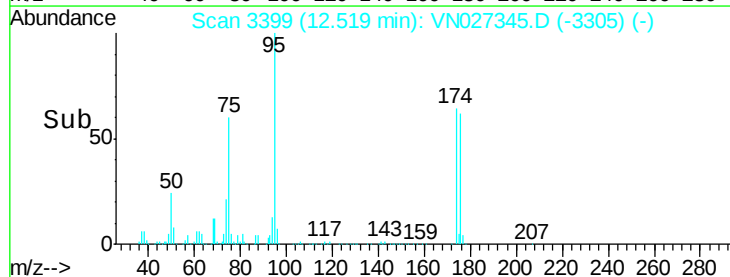
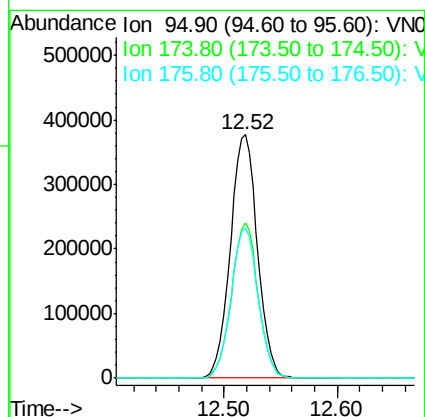
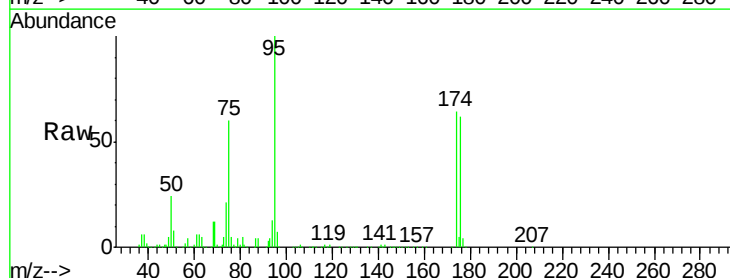
Tgt Ion: 95 Resp: 628355

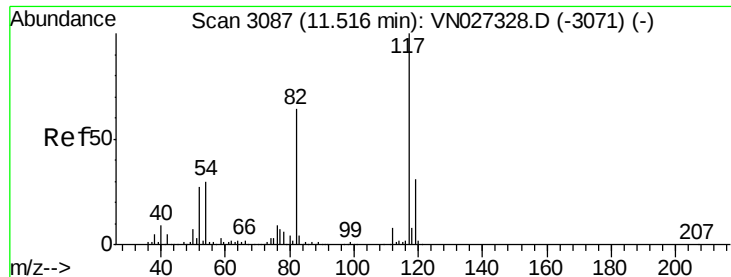
Ion Ratio Lower Upper

95 100

174 62.4 0.0 137.0

176 61.6 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: VN027345.D

Acq: 21 Sep 2015 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBL02

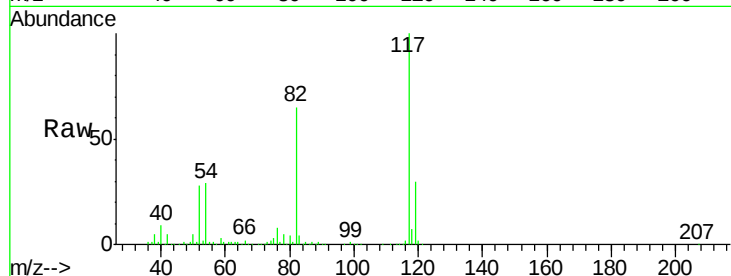
Tot Ion:117 Resp: 1112218

Ion Ratio Lower Upper

117 100

82 64.9 49.6 74.4

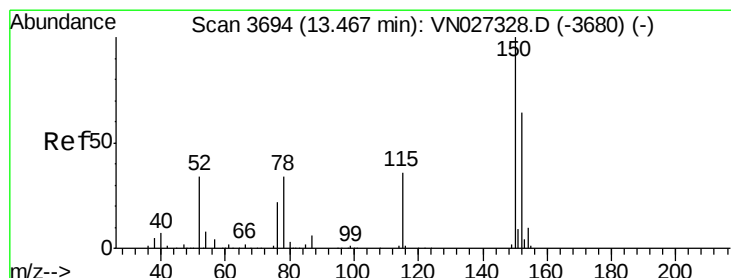
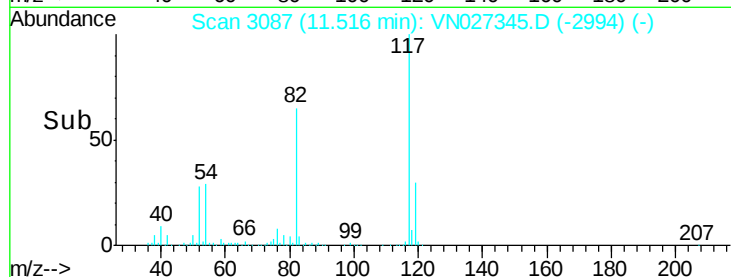
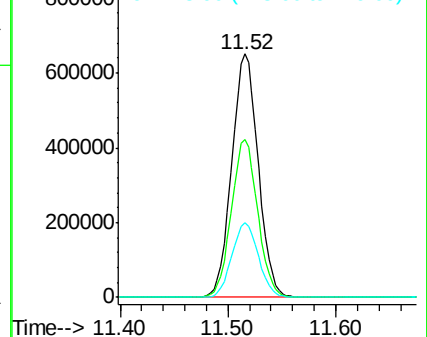
119 30.4 24.6 36.8



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: VN027345.D

Acq: 21 Sep 2015 22:49

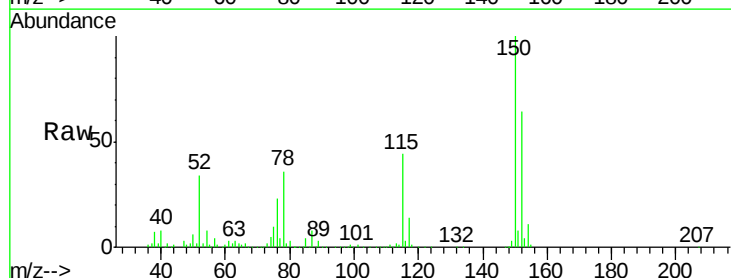
Tgt Ion:152 Resp: 373551

Ion Ratio Lower Upper

152 100

115 69.0 30.8 92.3

150 158.1 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

