

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027337.D
 Acq On : 21 Sep 2015 18:13
 Operator : MD\FY
 Sample : G3748-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB091815

Quant Time: Sep 22 10:47:30 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	715012	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1297915	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1087102	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	369615	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	730538	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
36) Dibromofluoromethane	7.68	113	468107	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
51) Toluene-d8	10.19	98	1904585	58.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.34%	
63) 4-Bromofluorobenzene	12.52	95	619131	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

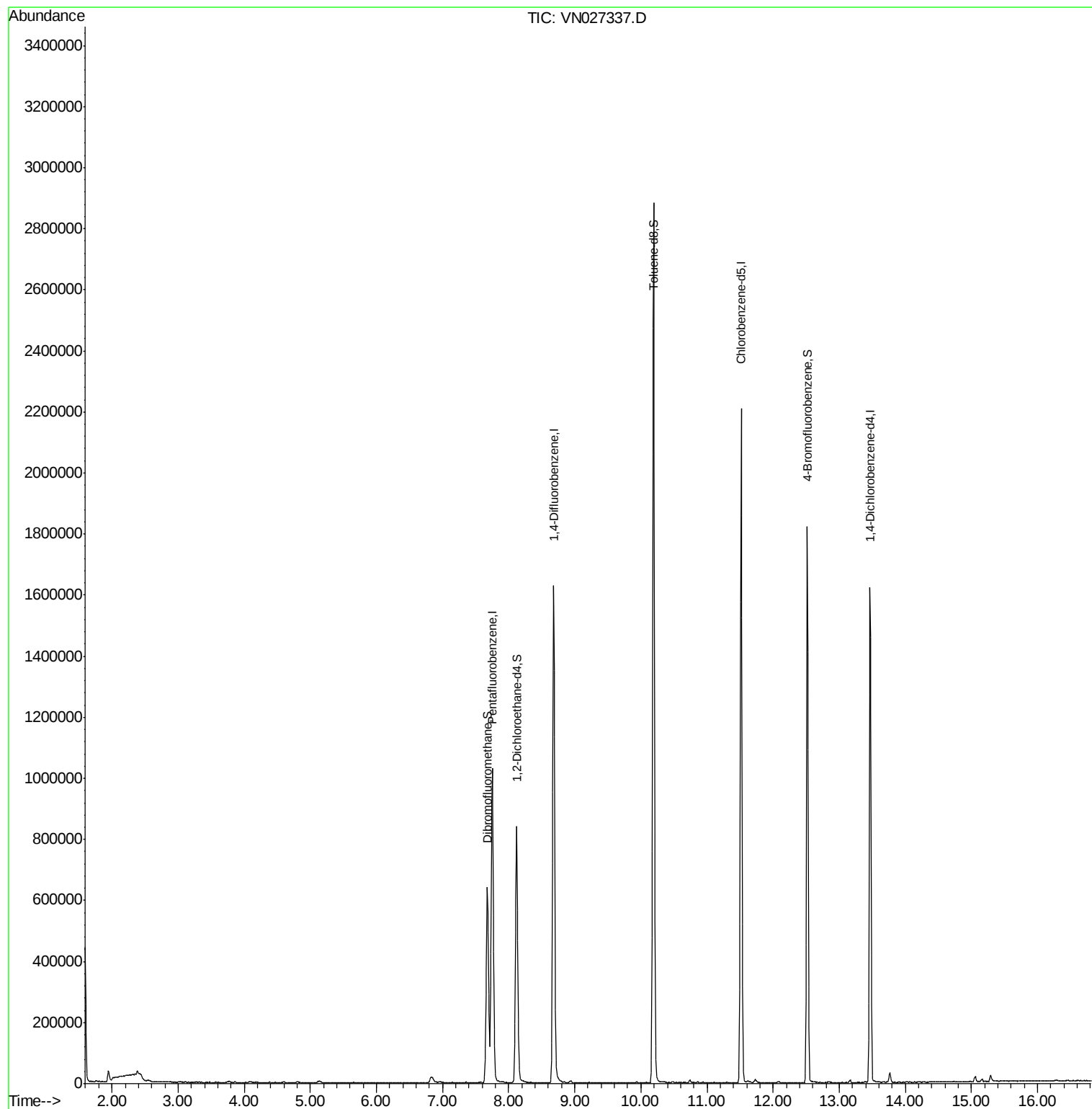
Target Compounds	Qvalue

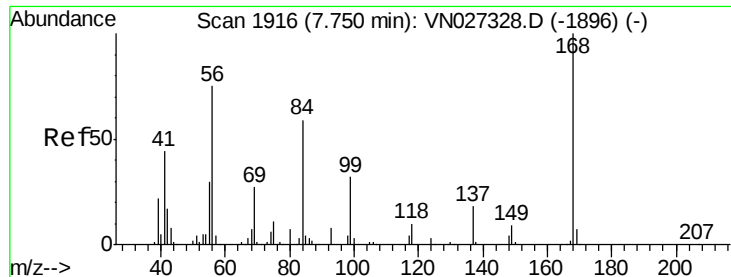
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 21 13:12:32 2015
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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: VN027337.D

Acq: 21 Sep 2015 18:13

Instrument :

MSVOA_N

ClientSampleId :

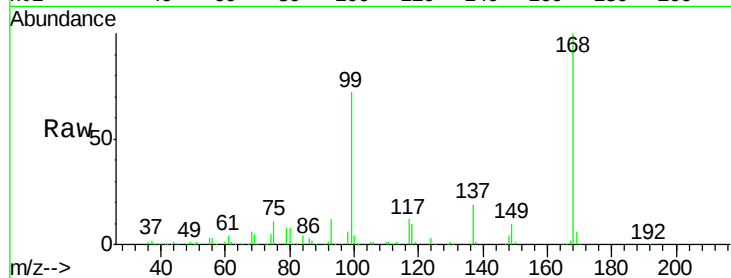
TB091815

Tot Ion:168 Resp: 715012

Ion Ratio Lower Upper

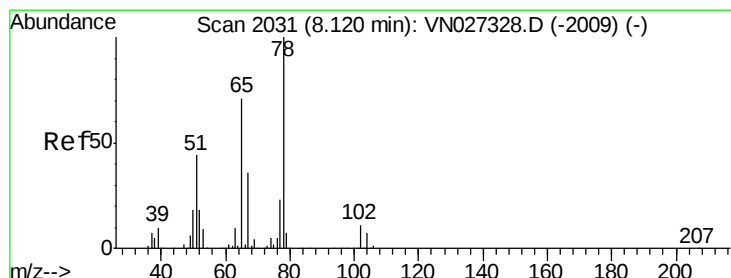
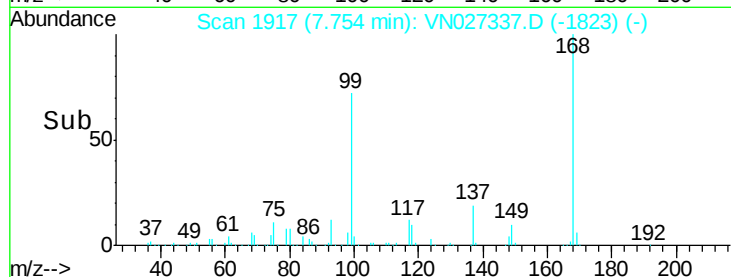
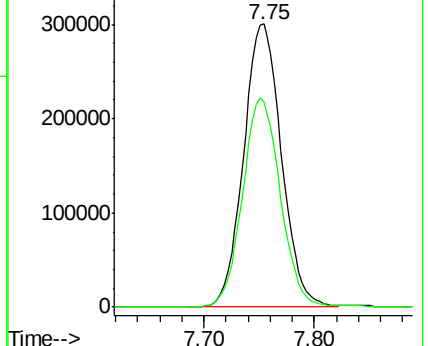
168 100

99 72.3 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#34

1,2-Dichloroethane-d4

Concen: 52.19 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. -0.00 min

Lab File: VN027337.D

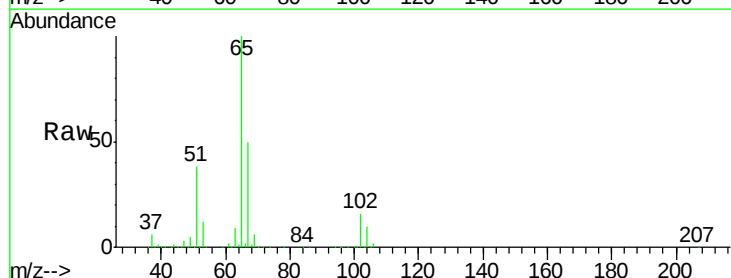
Acq: 21 Sep 2015 18:13

Tgt Ion: 65 Resp: 730538

Ion Ratio Lower Upper

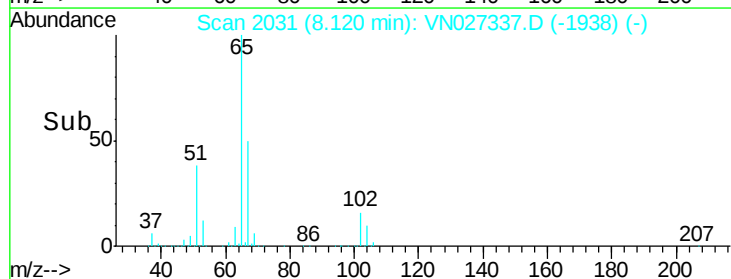
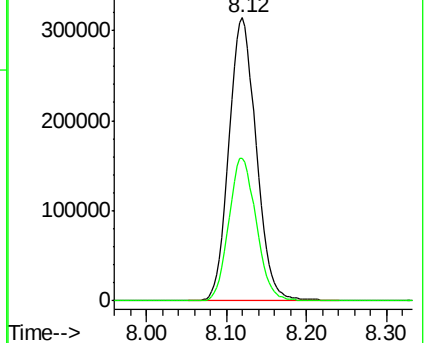
65 100

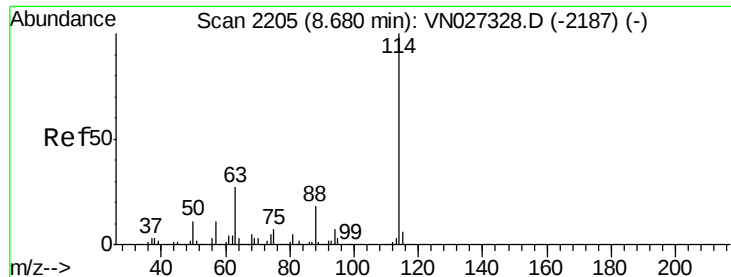
67 50.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

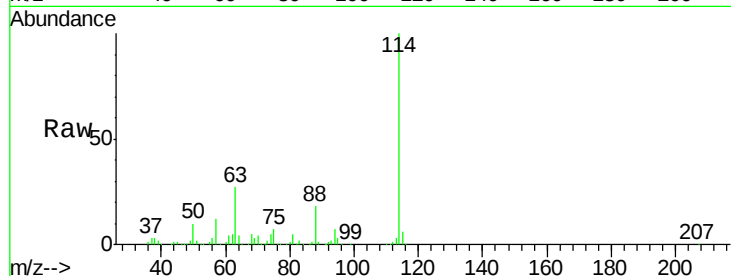




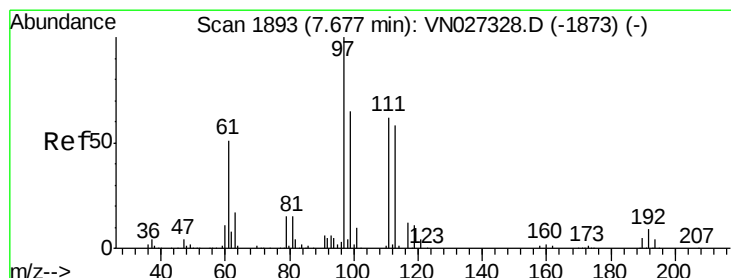
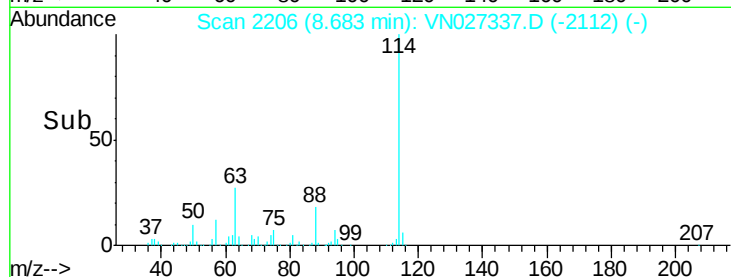
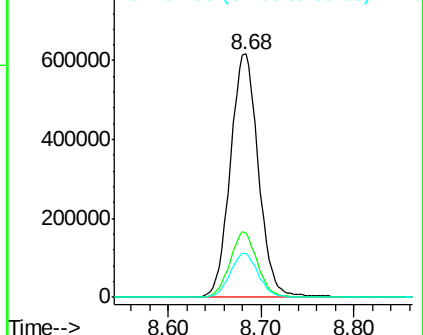
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: VN027337.D
 Acq: 21 Sep 2015 18:13

Instrument :
 MSVOA_N
 ClientSampleId :
 TB091815

Tot Ion:114 Resp: 1297915
 Ion Ratio Lower Upper
 114 100
 63 26.6 0.0 48.8
 88 18.2 0.0 32.2

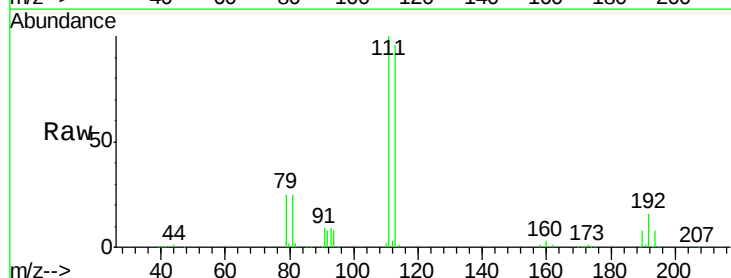


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

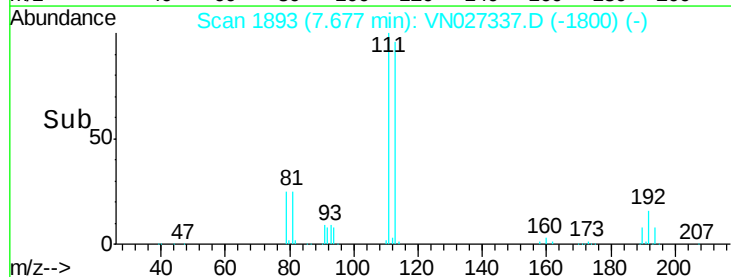
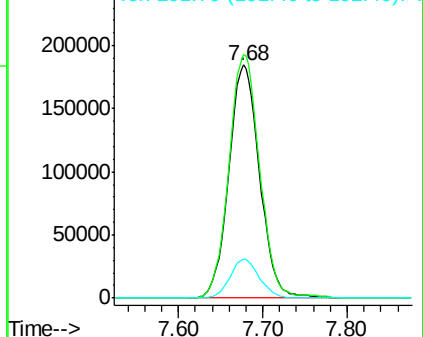


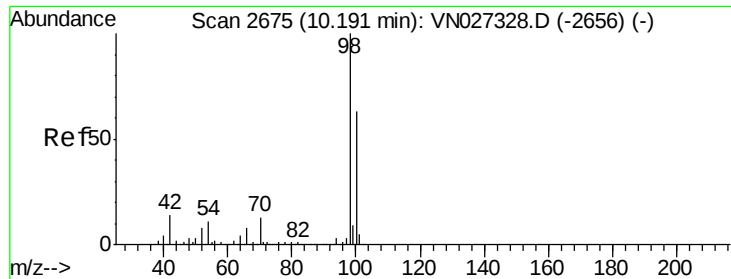
#36
 Dibromofluoromethane
 Concen: 55.28 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: VN027337.D
 Acq: 21 Sep 2015 18:13

Tgt Ion:113 Resp: 468107
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.0 124.4
 192 16.0 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: 58.17 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027337.D

Acq: 21 Sep 2015 18:13

Instrument :

MSVOA_N

ClientSampled :

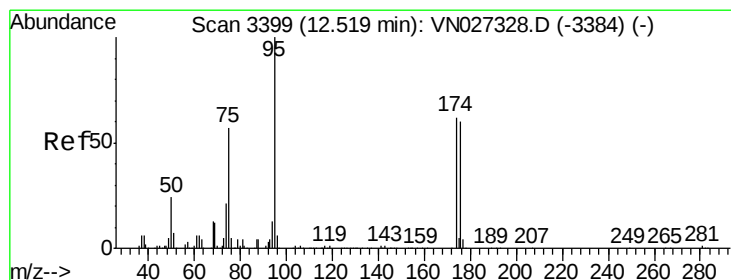
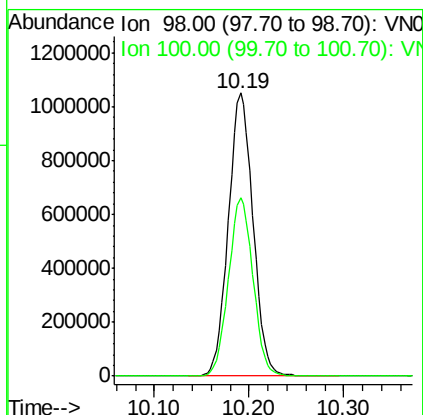
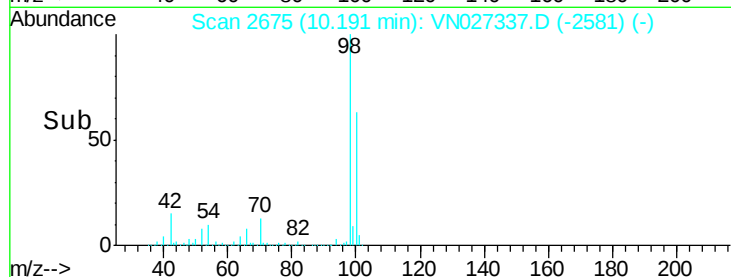
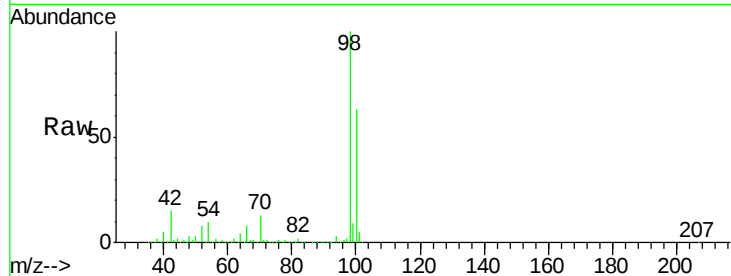
TB091815

Tot Ion: 98 Resp: 1904585

Ion Ratio Lower Upper

98 100

100 62.7 50.5 75.7



#63

4-Bromofluorobenzene

Concen: 52.05 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VN027337.D

Acq: 21 Sep 2015 18:13

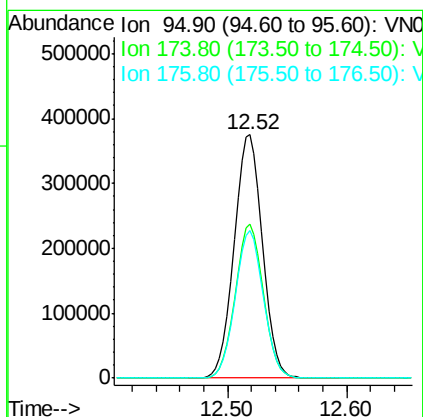
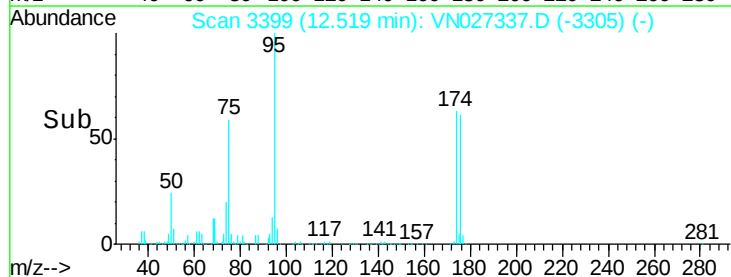
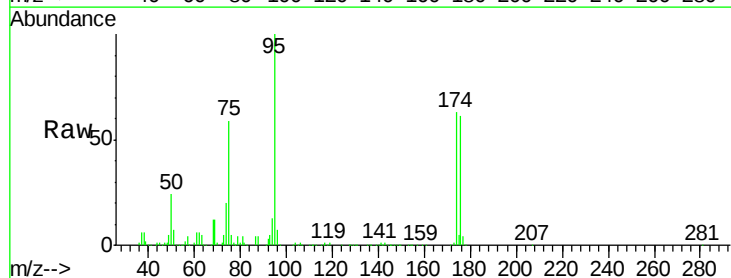
Tgt Ion: 95 Resp: 619131

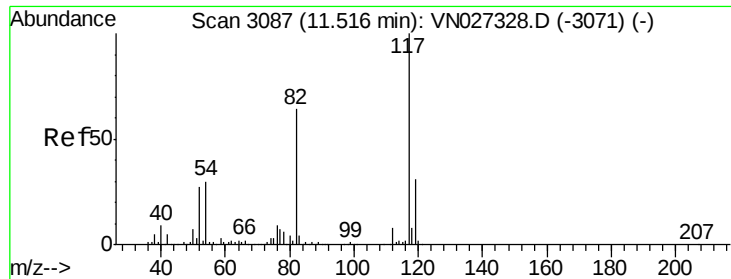
Ion Ratio Lower Upper

95 100

174 62.6 0.0 137.0

176 60.4 0.0 130.8

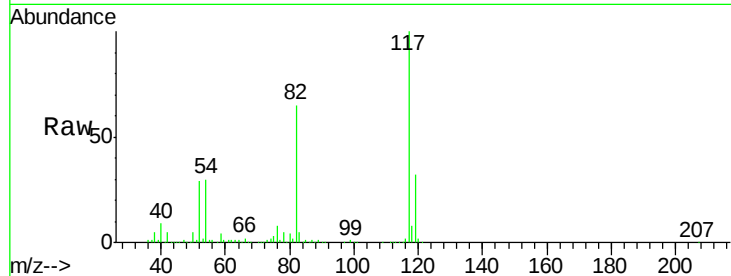




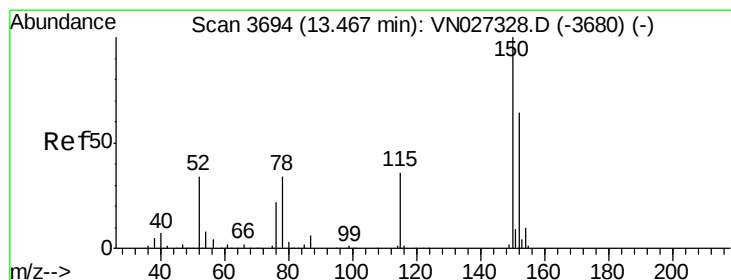
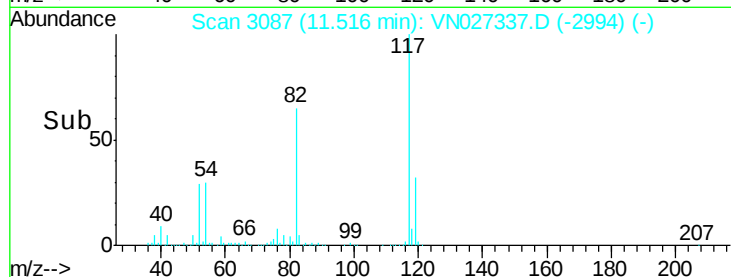
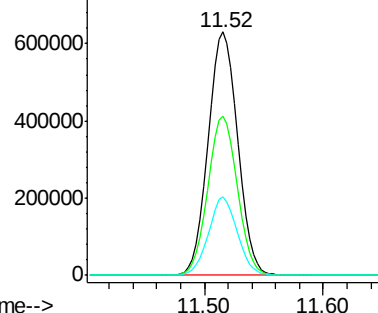
#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027337.D
Acq: 21 Sep 2015 18:13

Instrument :
MSVOA_N
ClientSampleId :
TB091815

Tot Ion:117 Resp: 1087102
Ion Ratio Lower Upper
117 100
82 65.4 49.6 74.4
119 32.1 24.6 36.8

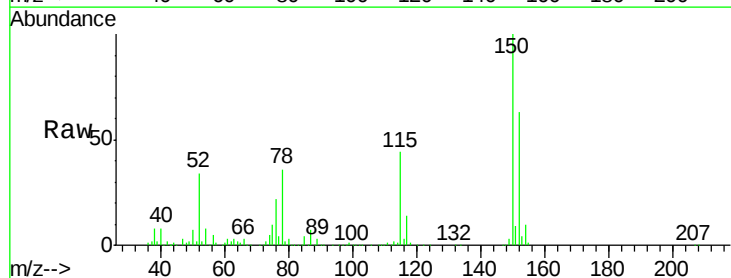


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. -0.00 min
Lab File: VN027337.D
Acq: 21 Sep 2015 18:13

Tgt Ion:152 Resp: 369615
Ion Ratio Lower Upper
152 100
115 67.6 30.8 92.3
150 156.3 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

