

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027356.D
 Acq On : 22 Sep 2015 3:53
 Operator : MD\FY
 Sample : G3712-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ERD45-RINSATE

Quant Time: Sep 22 04:25:03 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	702594	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1277307	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1103307	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	384498	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	726775	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
36) Dibromofluoromethane	7.68	113	453282	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
51) Toluene-d8	10.19	98	1884143	58.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.96%	
63) 4-Bromofluorobenzene	12.52	95	628332	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	

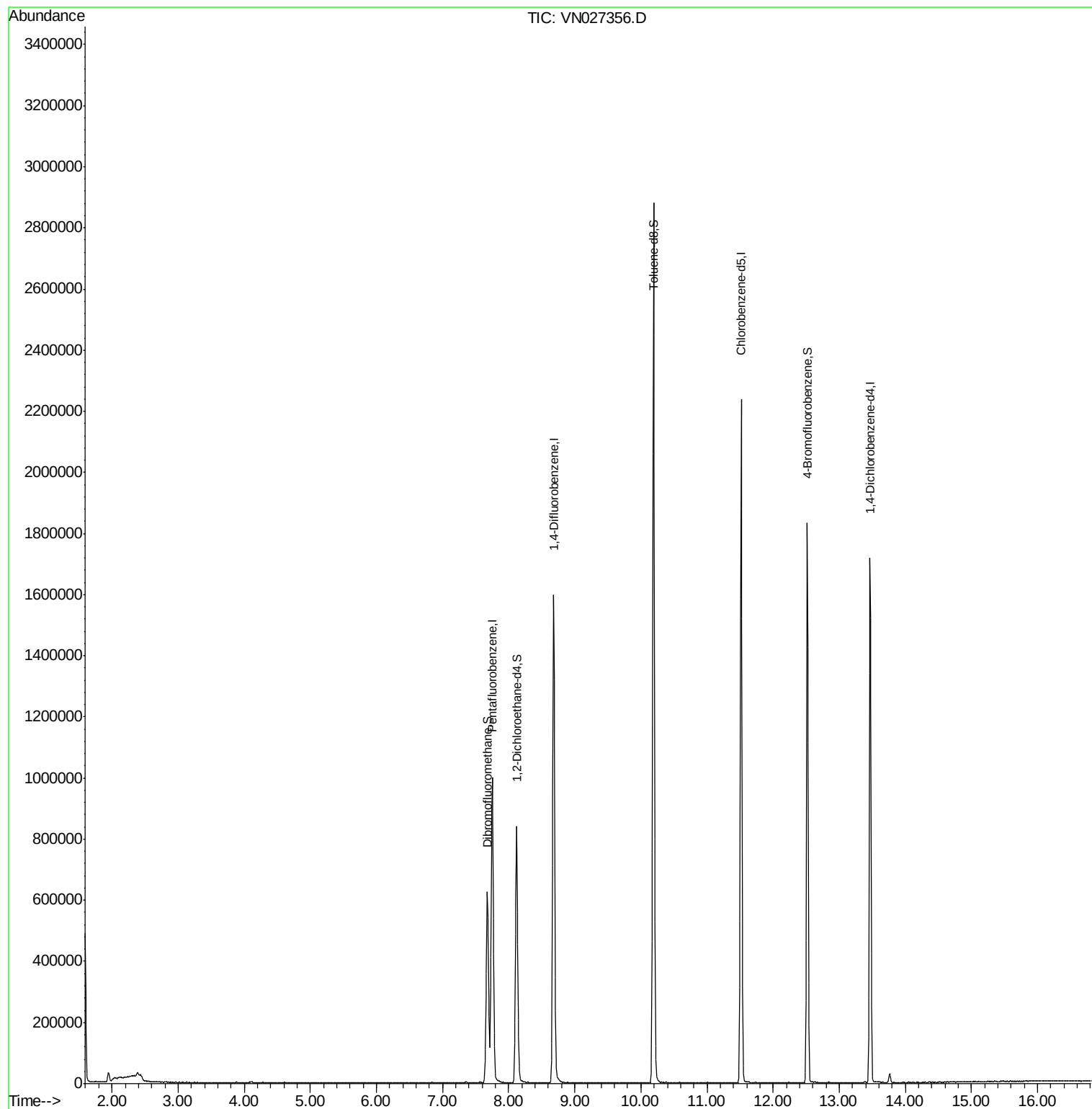
Target Compounds	Qvalue

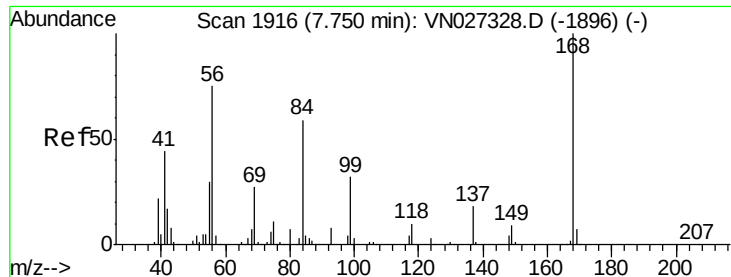
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN027356.D

Acq: 22 Sep 2015 3:53

Instrument :

MSVOA_N

ClientSampleId :

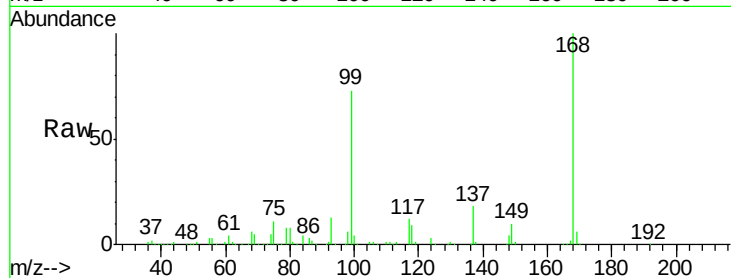
ERD45-RINSATE

Tot Ion:168 Resp: 702594

Ion Ratio Lower Upper

168 100

99 73.5 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

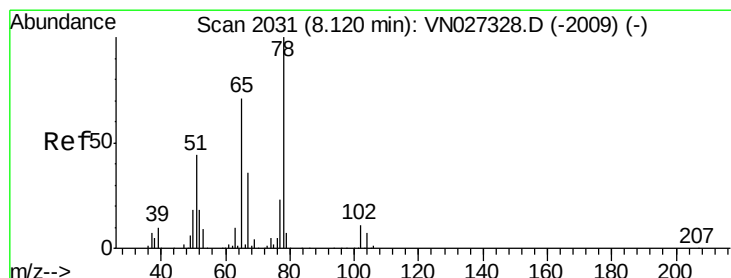
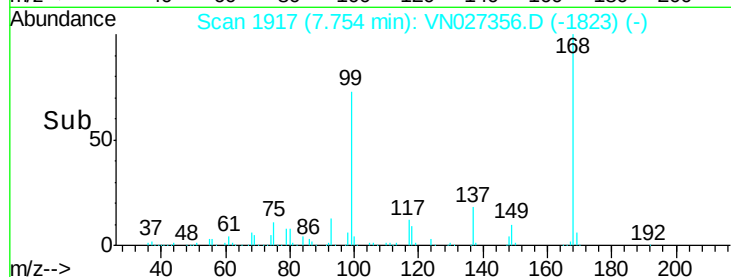
300000

200000

100000

0

Time--> 7.60 7.70 7.80 7.90



#34

1,2-Dichloroethane-d4

Concen: 52.84 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027356.D

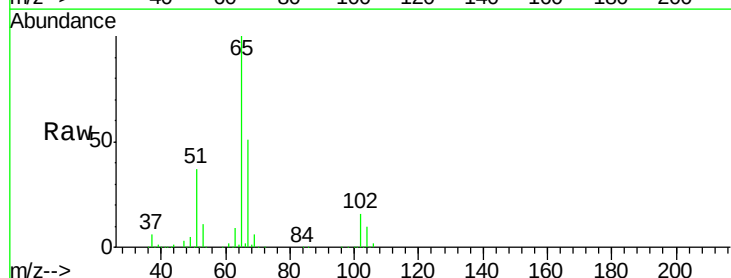
Acq: 22 Sep 2015 3:53

Tgt Ion: 65 Resp: 726775

Ion Ratio Lower Upper

65 100

67 50.3 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

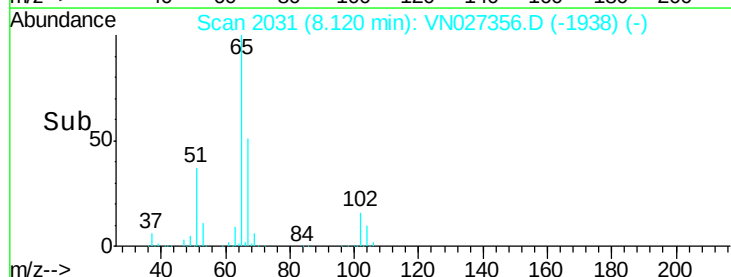
300000

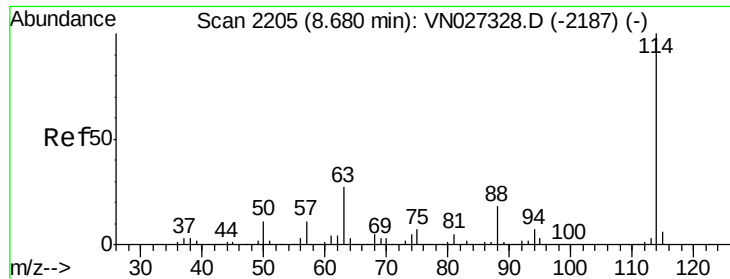
200000

100000

0

Time--> 8.00 8.10 8.20

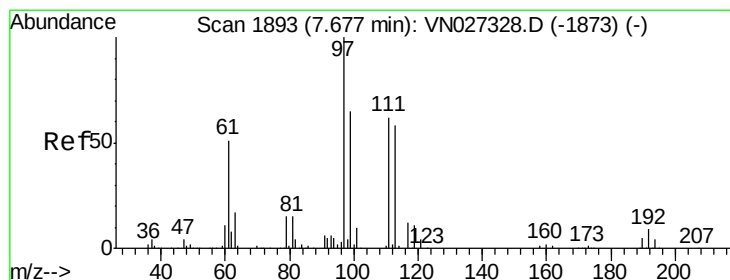
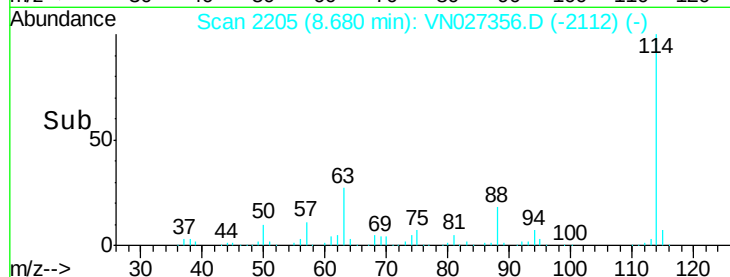
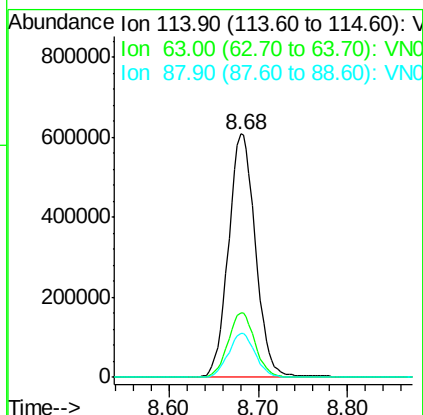
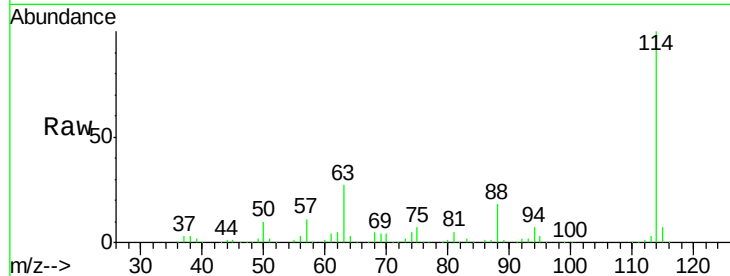




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027356.D
 Acq: 22 Sep 2015 3:53

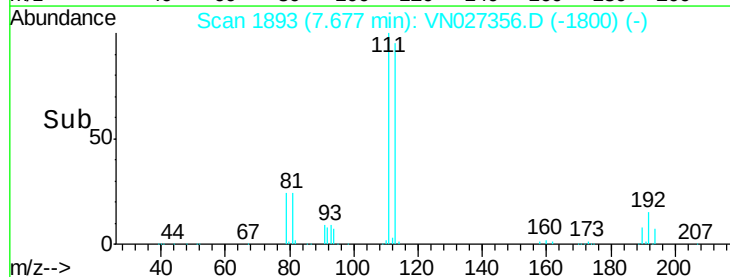
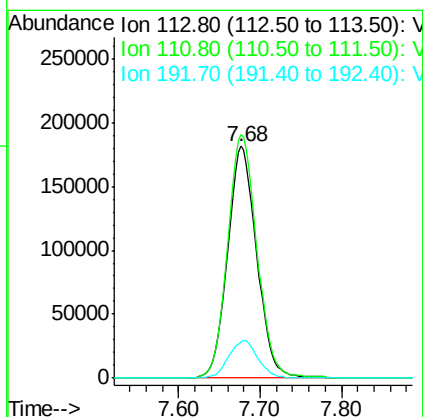
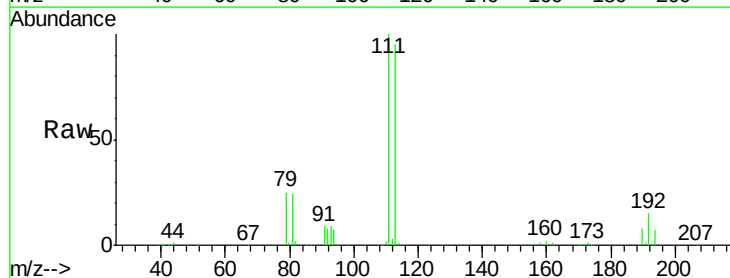
Instrument :
 MSVOA_N
 ClientSampleId :
 ERD45-RINSATE

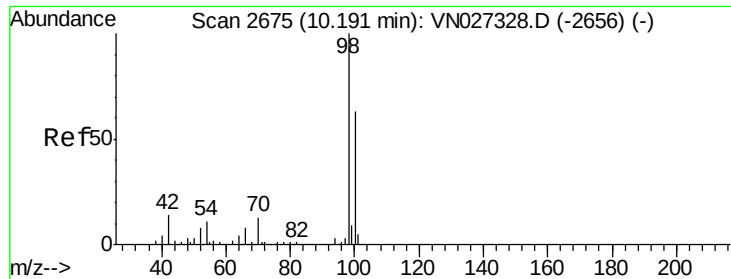
Tot Ion:114 Resp: 1277307
 Ion Ratio Lower Upper
 114 100
 63 26.7 0.0 48.8
 88 18.1 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 54.39 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027356.D
 Acq: 22 Sep 2015 3:53

Tgt Ion:113 Resp: 453282
 Ion Ratio Lower Upper
 113 100
 111 106.2 83.0 124.4
 192 16.3 14.1 21.1





#51

Toluene-d8

Concen: 58.48 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027356.D

Acq: 22 Sep 2015 3:53

Instrument :

MSVOA_N

ClientSampleId :

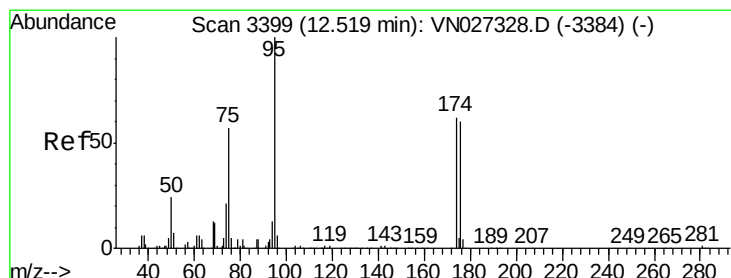
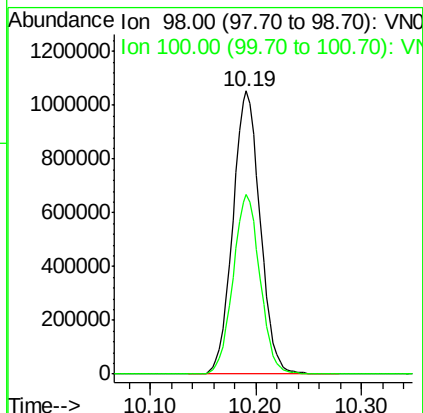
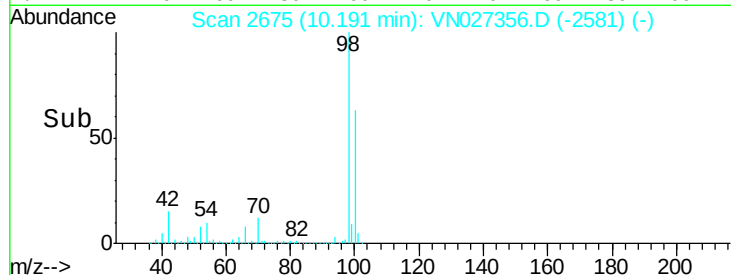
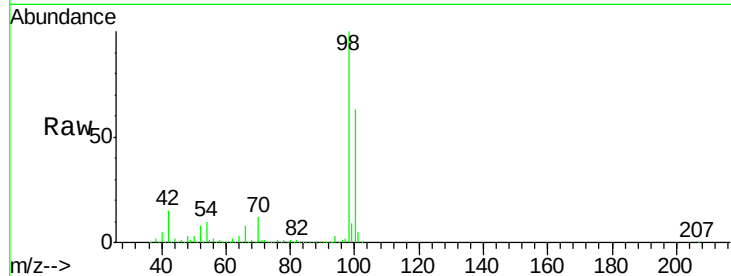
ERD45-RINSATE

Tot Ion: 98 Resp: 1884143

Ion Ratio Lower Upper

98 100

100 62.7 50.5 75.7



#63

4-Bromofluorobenzene

Concen: 53.68 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. -0.00 min

Lab File: VN027356.D

Acq: 22 Sep 2015 3:53

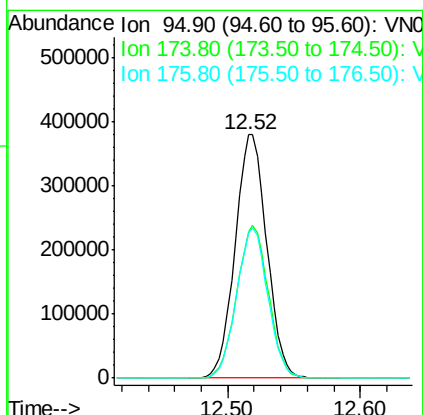
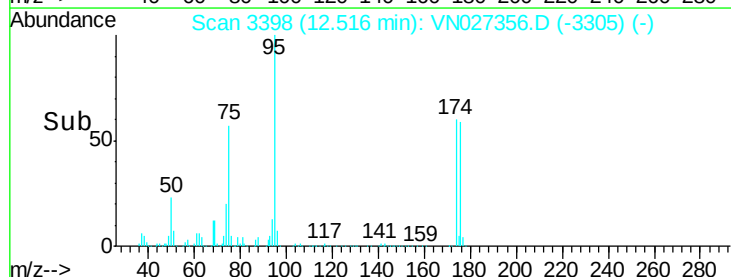
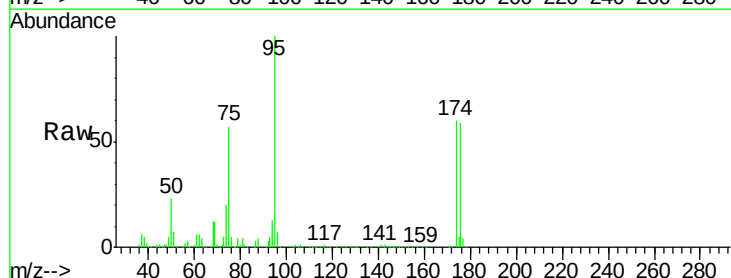
Tgt Ion: 95 Resp: 628332

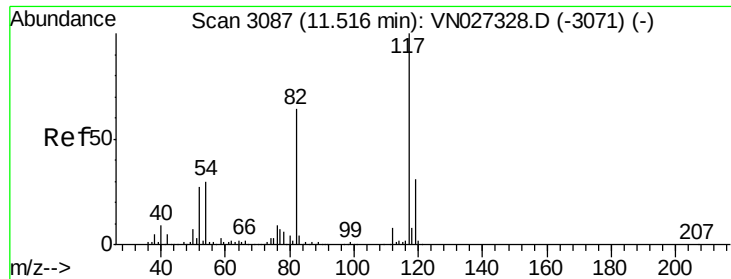
Ion Ratio Lower Upper

95 100

174 62.6 0.0 137.0

176 61.1 0.0 130.8

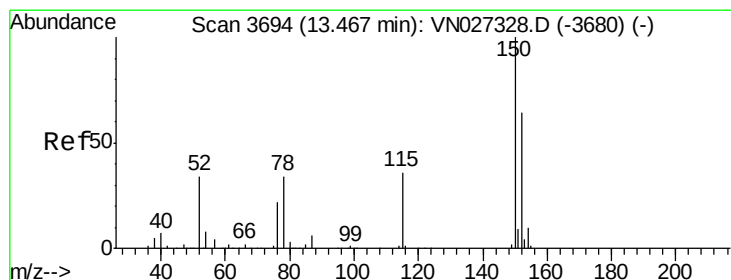
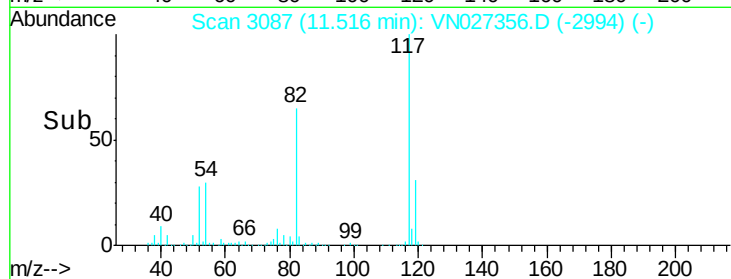
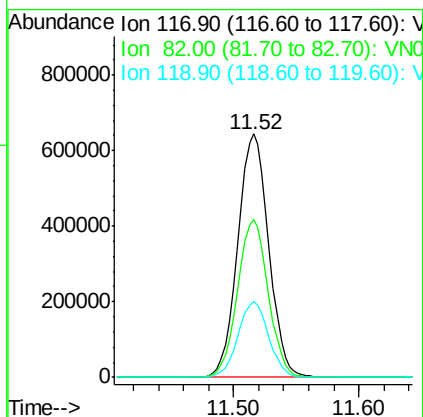
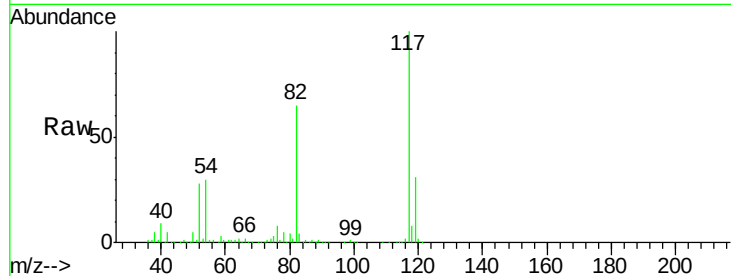




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027356.D
Acq: 22 Sep 2015 3:53

Instrument :
MSVOA_N
ClientSampleId :
ERD45-RINSATE

Tot Ion:117 Resp: 1103307
Ion Ratio Lower Upper
117 100
82 64.8 49.6 74.4
119 31.0 24.6 36.8



#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN027356.D
Acq: 22 Sep 2015 3:53

Tgt Ion:152 Resp: 384498
Ion Ratio Lower Upper
152 100
115 67.6 30.8 92.3
150 156.7 0.0 345.0

