

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027284.D
 Acq On : 18 Sep 2015 5:28
 Operator : MD\FY
 Sample : G3706-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Quant Time: Sep 18 08:03:44 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	729636	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1287739	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1112139	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	411743	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	702085	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
36) Dibromofluoromethane	7.68	113	464598	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
51) Toluene-d8	10.19	98	1923483	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
63) 4-Bromofluorobenzene	12.52	95	654287	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	

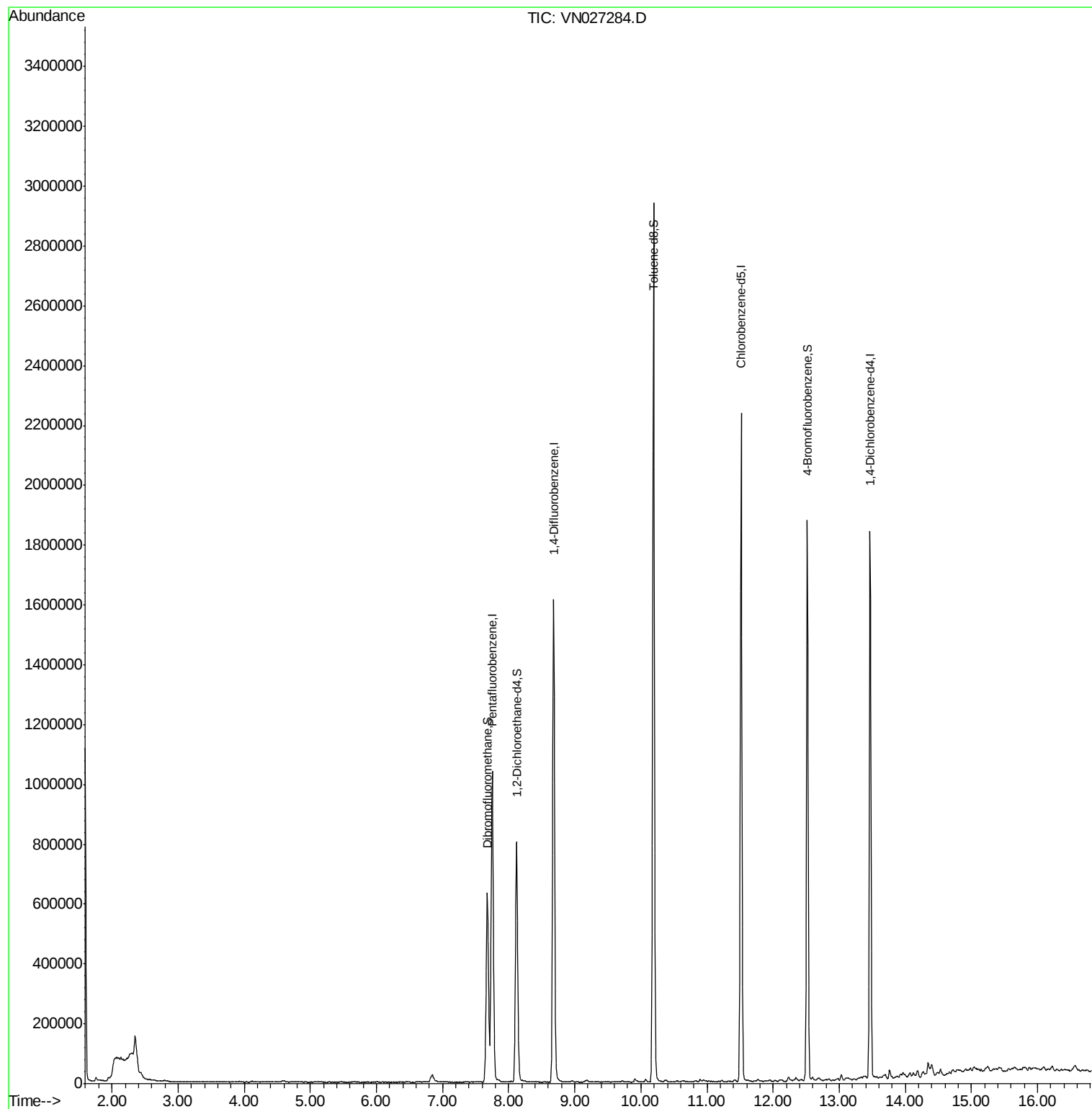
Target Compounds	Qvalue

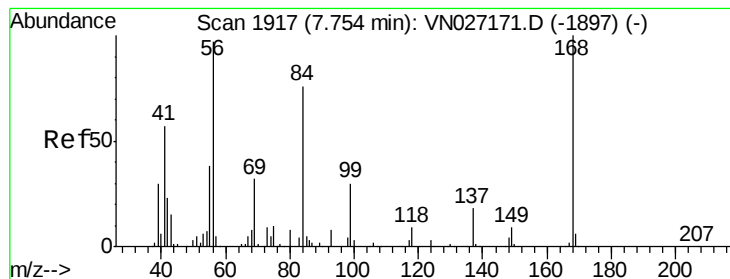
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VN027284.D

Acq: 18 Sep 2015 5:28

Instrument :

MSVOA_N

ClientSampled :

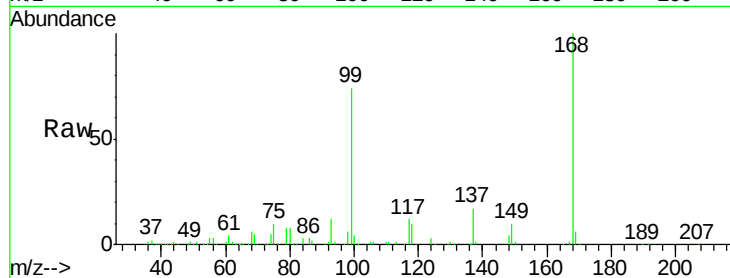
MW-8

Tot Ion:168 Resp: 729636

Ion Ratio Lower Upper

168 100

99 73.7 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

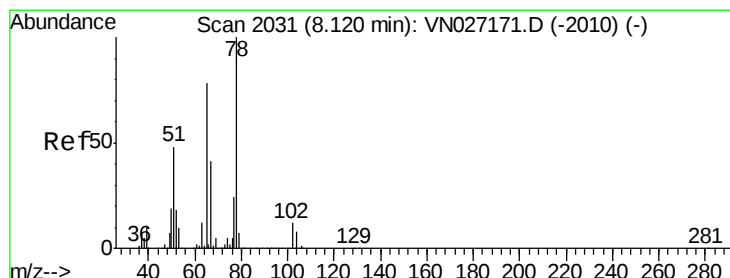
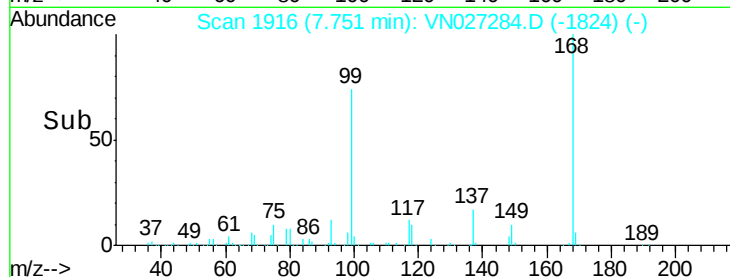
300000

200000

100000

0

Time-->



#34

1,2-Dichloroethane-d4

Concen: 46.96 ug/l

RT: 8.12 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VN027284.D

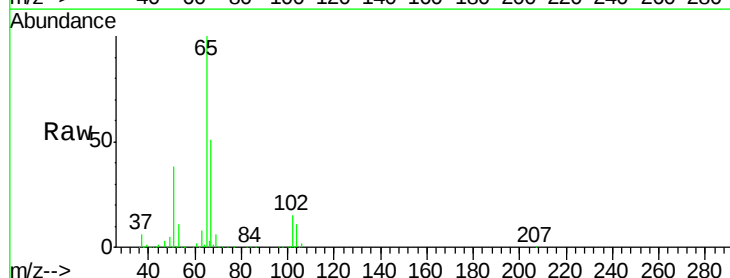
Acq: 18 Sep 2015 5:28

Tgt Ion: 65 Resp: 702085

Ion Ratio Lower Upper

65 100

67 50.1 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

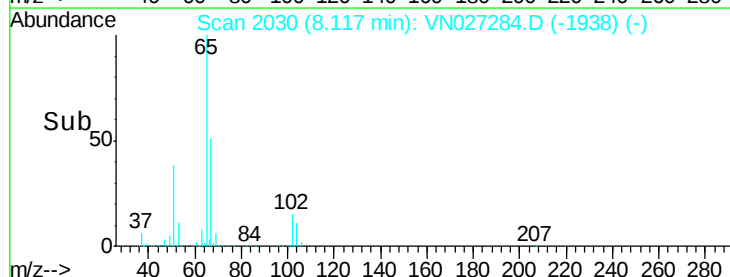
300000

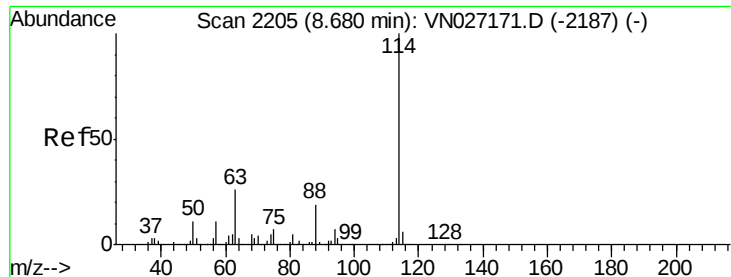
200000

100000

0

Time-->



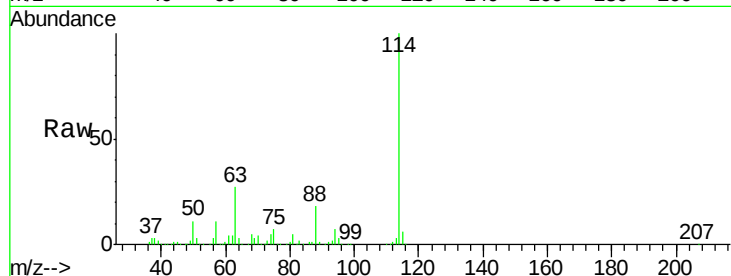


#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027284.D
 Acq: 18 Sep 2015 5:28

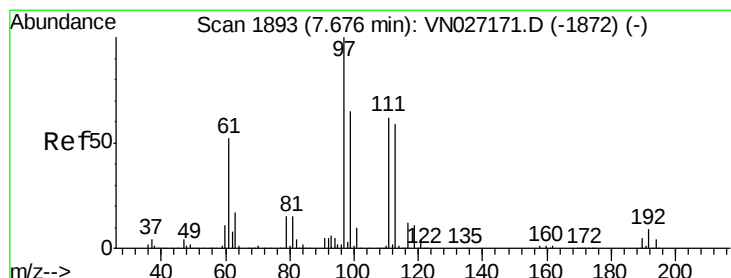
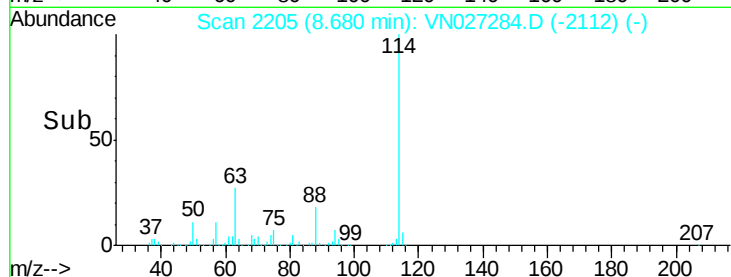
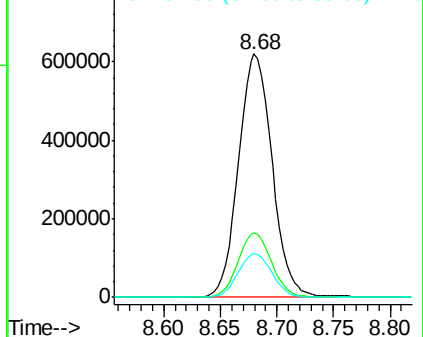
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Tot Ion:114 Resp: 1287739

Ion	Ratio	Lower	Upper
114	100		
63	26.7	0.0	48.8
88	17.8	0.0	32.2



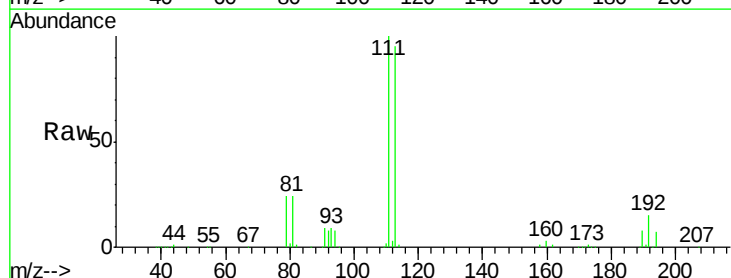
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



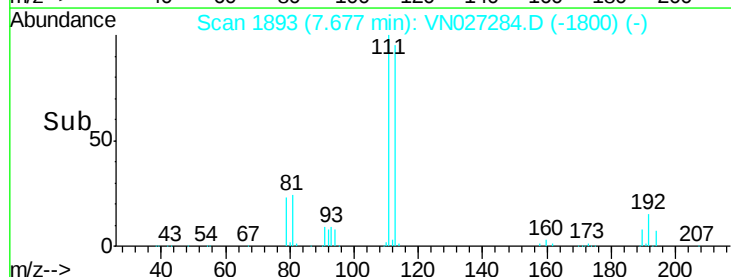
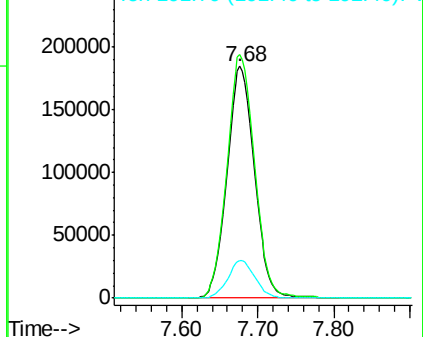
#36
 Dibromofluoromethane
 Concen: 52.05 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027284.D
 Acq: 18 Sep 2015 5:28

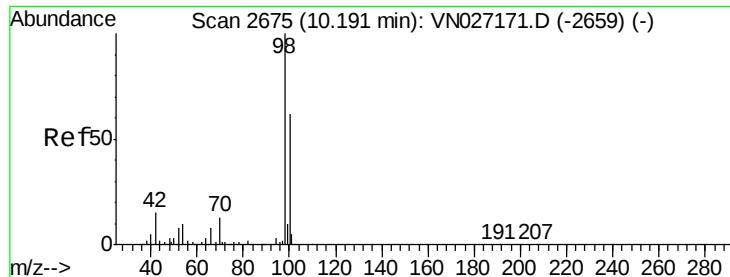
Tgt Ion:113 Resp: 464598

Ion	Ratio	Lower	Upper
113	100		
111	105.7	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: 55.03 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027284.D

Acq: 18 Sep 2015 5:28

Instrument :

MSVOA_N

ClientSampled :

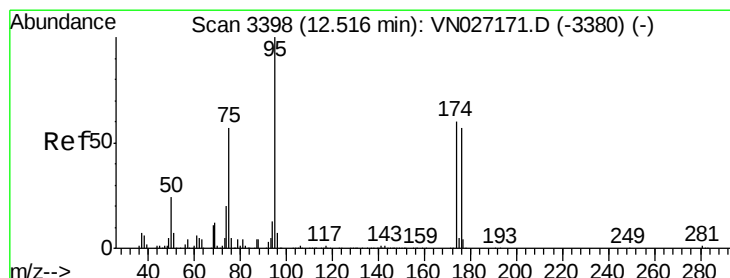
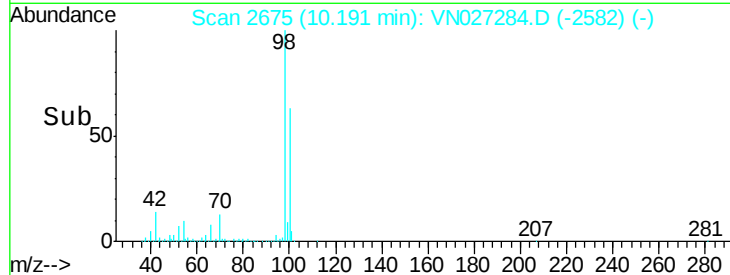
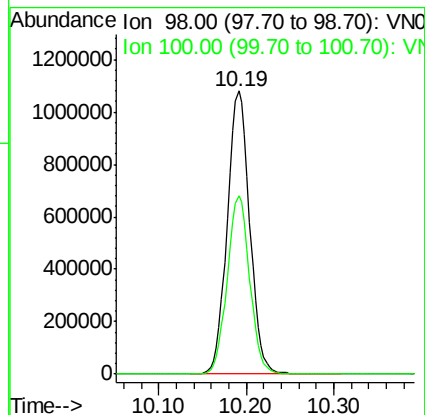
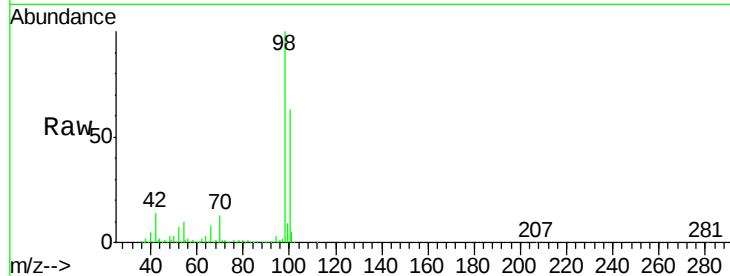
MW-8

Tot Ion: 98 Resp: 1923483

Ion Ratio Lower Upper

98 100

100 62.9 50.5 75.7



#63

4-Bromofluorobenzene

Concen: 52.74 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.00 min

Lab File: VN027284.D

Acq: 18 Sep 2015 5:28

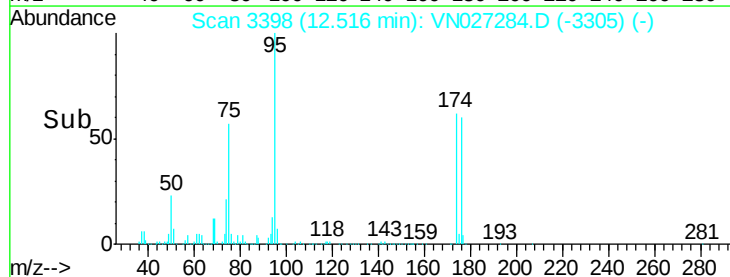
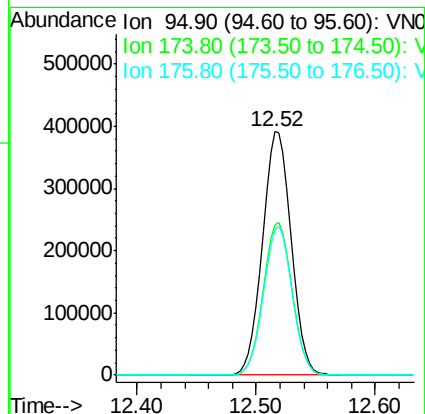
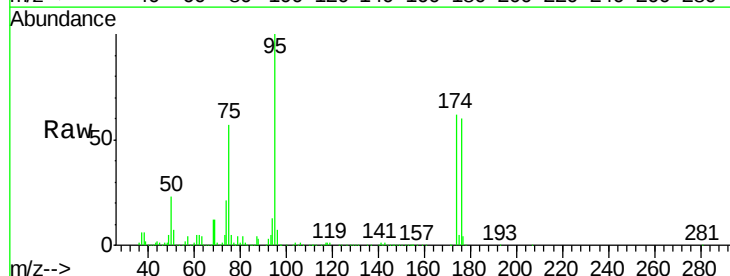
Tgt Ion: 95 Resp: 654287

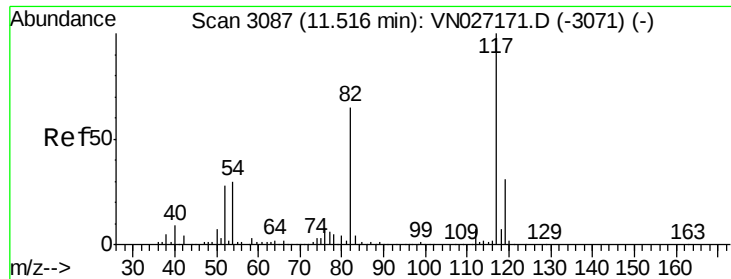
Ion Ratio Lower Upper

95 100

174 62.6 0.0 137.0

176 60.6 0.0 130.8

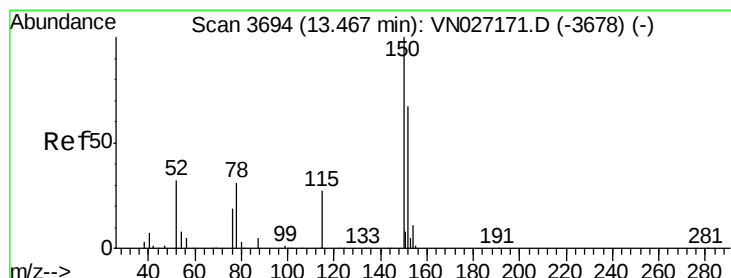
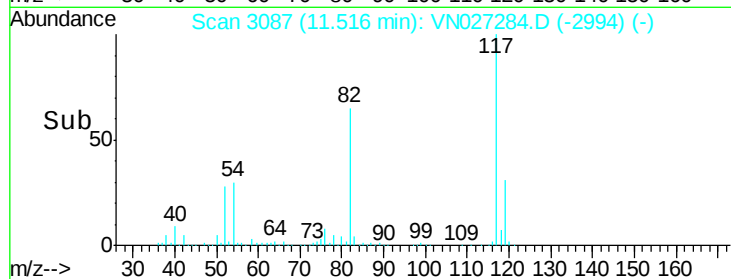
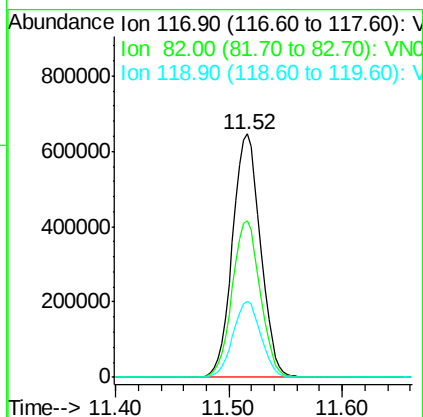
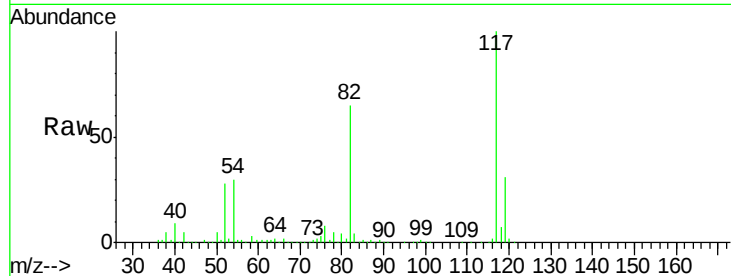




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027284.D
Acq: 18 Sep 2015 5:28

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tot Ion:117 Resp: 1112139
Ion Ratio Lower Upper
117 100
82 64.6 49.6 74.4
119 31.2 24.6 36.8



#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027284.D
Acq: 18 Sep 2015 5:28

Tgt Ion:152 Resp: 411743
Ion Ratio Lower Upper
152 100
115 68.1 30.8 92.3
150 159.0 0.0 345.0

