

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027269.D
 Acq On : 17 Sep 2015 22:34
 Operator : MD\FY
 Sample : VN0917WBL03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBL03

Quant Time: Sep 18 06:56:34 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	780200	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1409801	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1178692	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	413787	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	781597	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
36) Dibromofluoromethane	7.68	113	497621	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
51) Toluene-d8	10.19	98	2066591	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
63) 4-Bromofluorobenzene	12.52	95	686417	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	

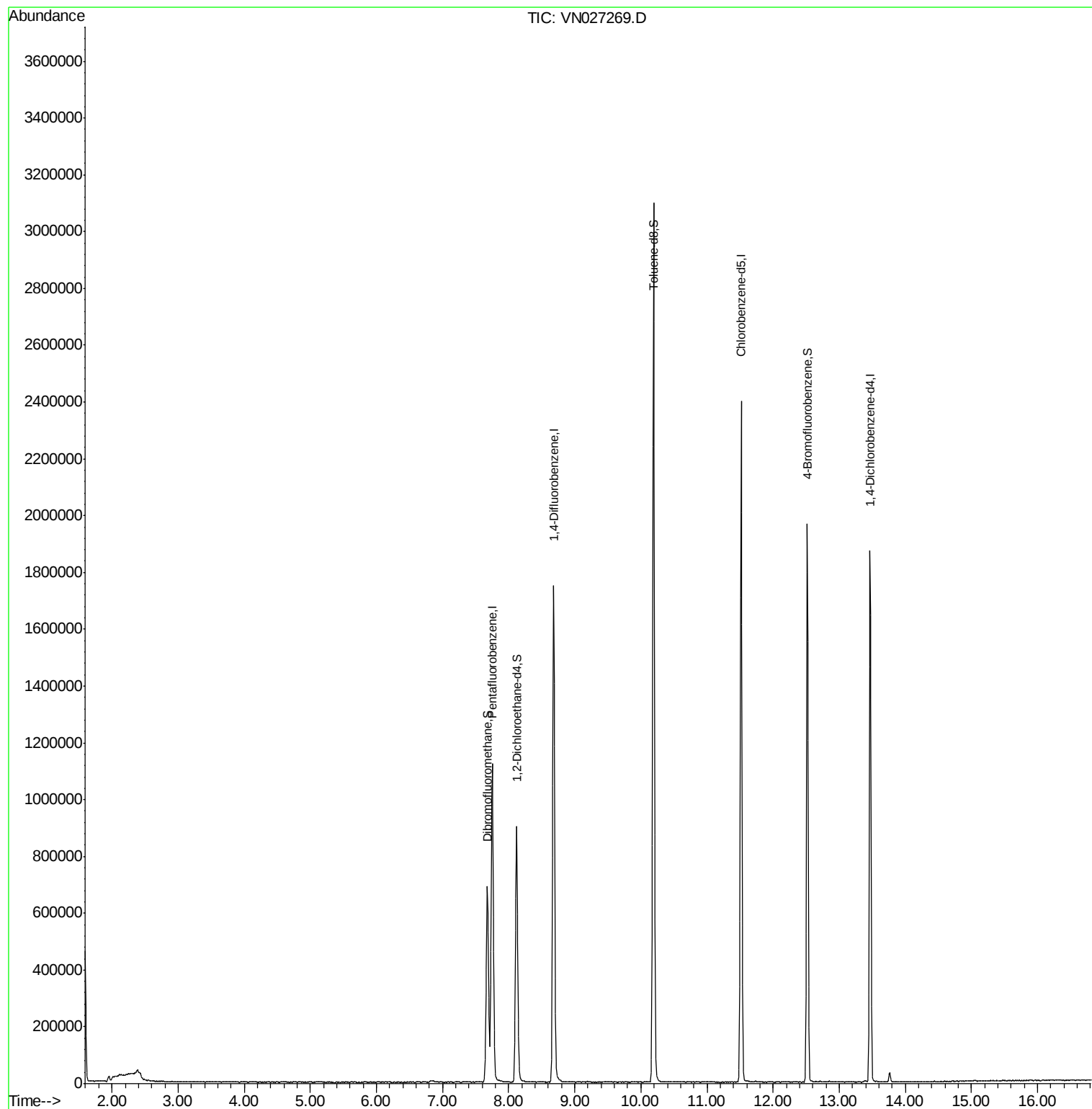
Target Compounds	Qvalue

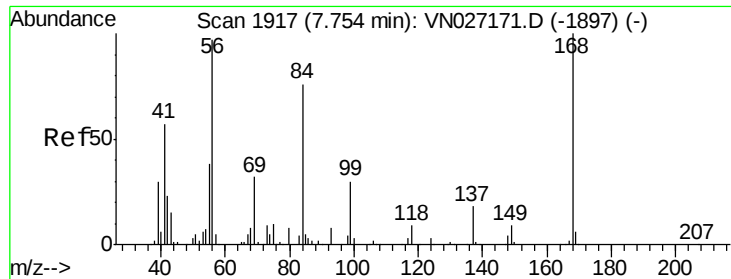
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027269.D

Acq: 17 Sep 2015 22:34

Instrument :

MSVOA_N

ClientSampleId :

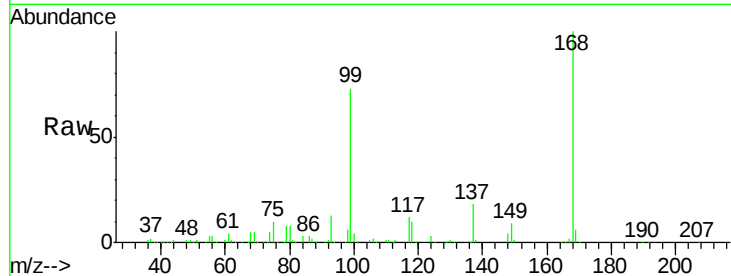
VN0917WBL03

Tot Ion:168 Resp: 780200

Ion Ratio Lower Upper

168 100

99 72.6 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

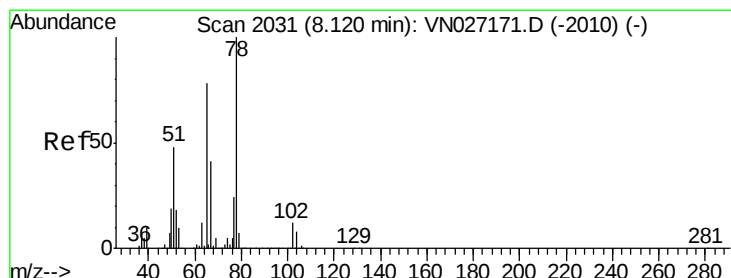
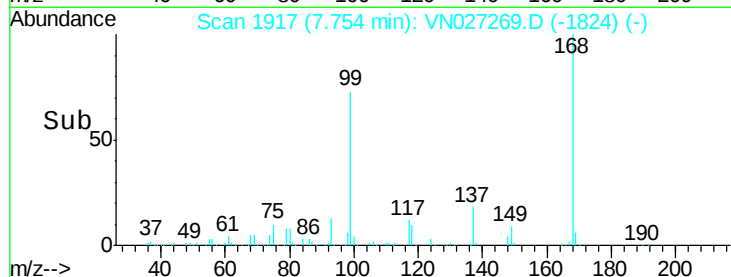
300000

200000

100000

0

Time-->



#34

1,2-Dichloroethane-d4

Concen: 48.89 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027269.D

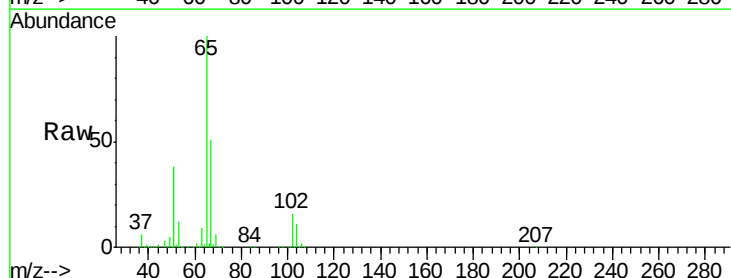
Acq: 17 Sep 2015 22:34

Tgt Ion: 65 Resp: 781597

Ion Ratio Lower Upper

65 100

67 50.3 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

400000

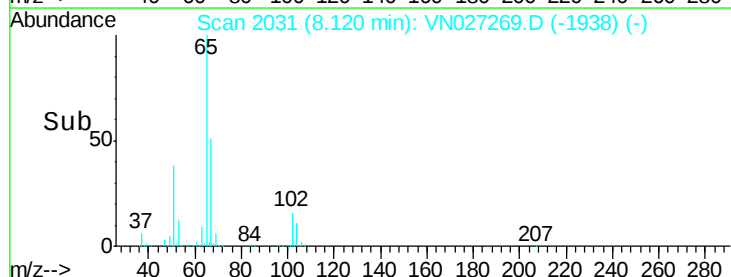
300000

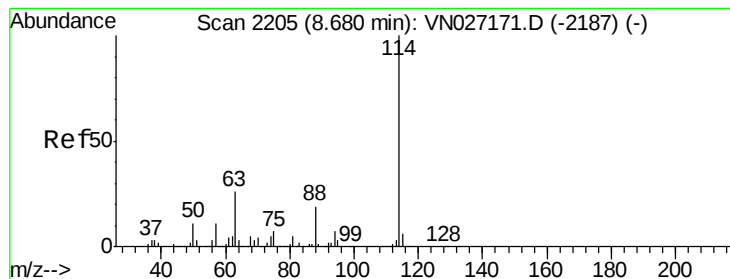
200000

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: VN027269.D

Acq: 17 Sep 2015 22:34

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBL03

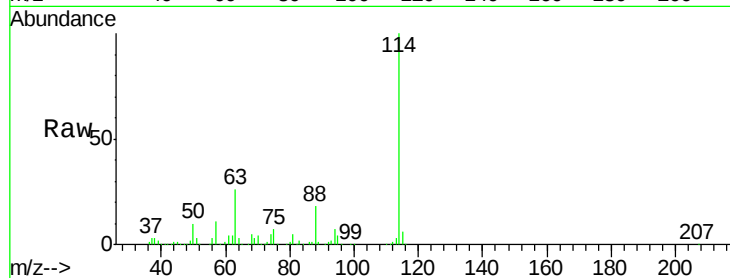
Tot Ion:114 Resp: 1409801

Ion Ratio Lower Upper

114 100

63 26.0 0.0 48.8

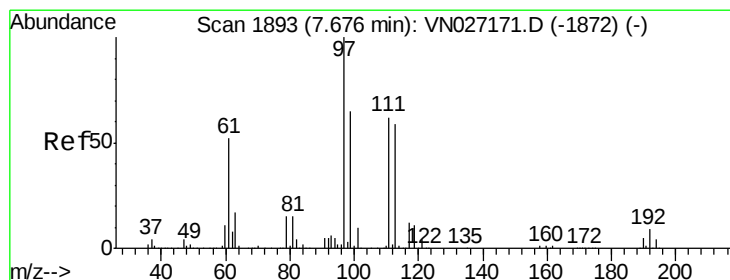
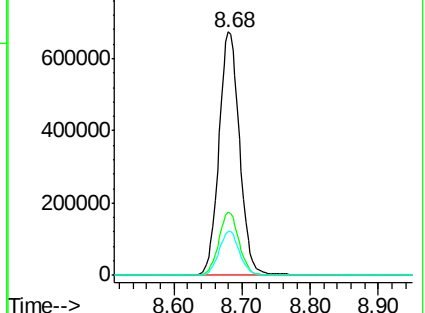
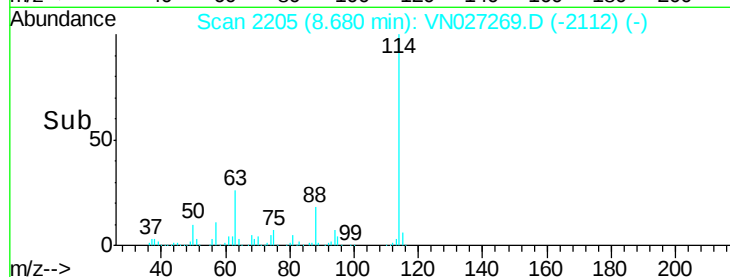
88 17.9 0.0 32.2



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: 50.92 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027269.D

Acq: 17 Sep 2015 22:34

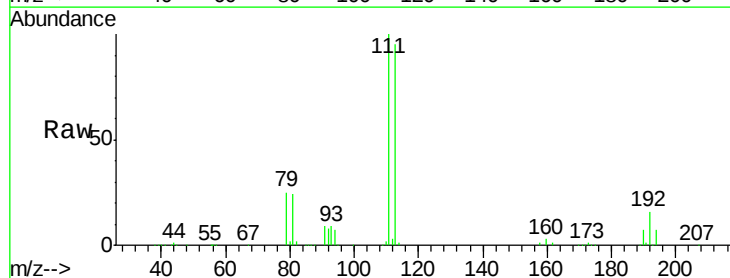
Tgt Ion:113 Resp: 497621

Ion Ratio Lower Upper

113 100

111 106.3 83.0 124.4

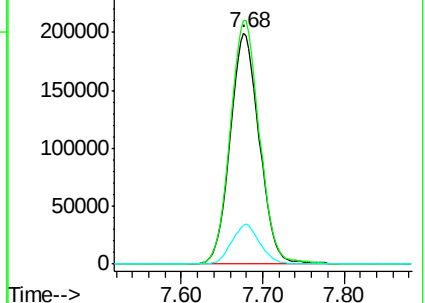
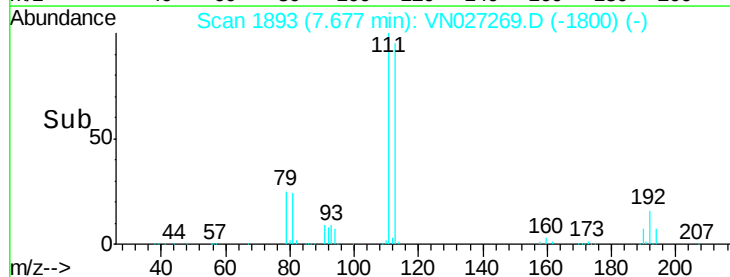
192 16.7 14.1 21.1

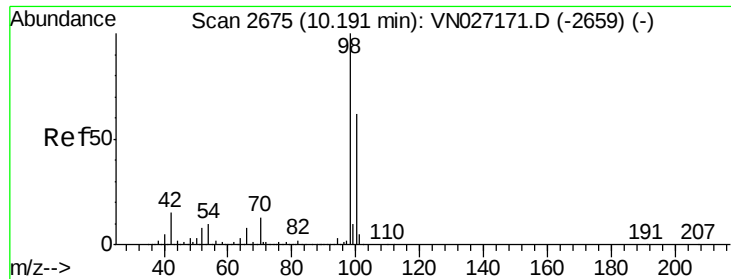


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#51

Toluene-d8

Concen: 54.01 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027269.D

Acq: 17 Sep 2015 22:34

Instrument :

MSVOA_N

ClientSampleId :

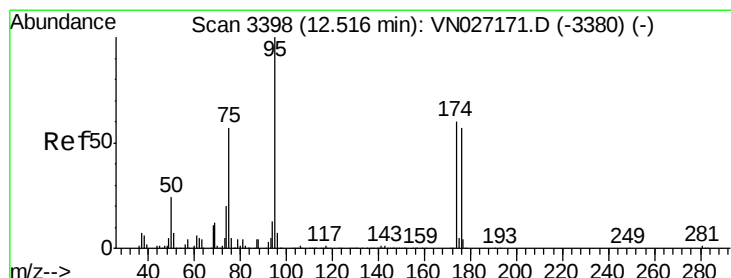
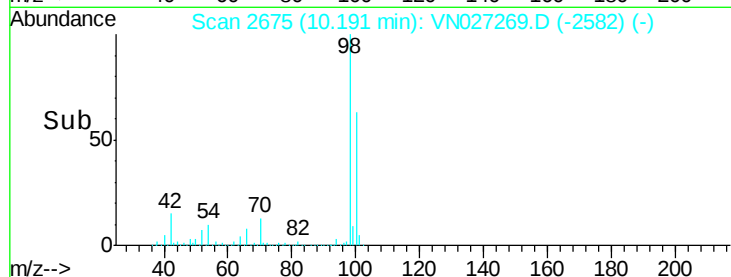
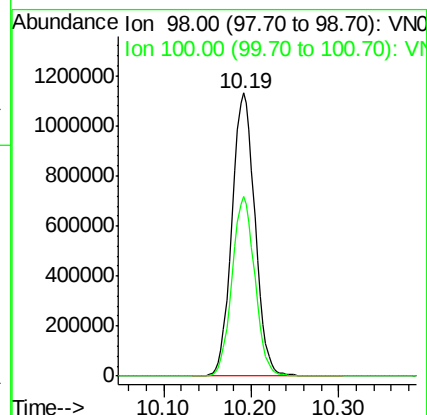
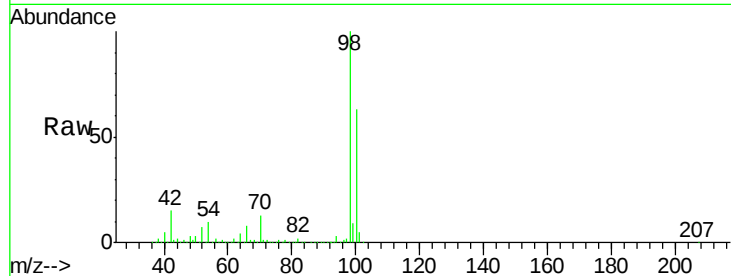
VN0917WBL03

Tot Ion: 98 Resp: 2066591

Ion Ratio Lower Upper

98 100

100 62.7 50.5 75.7



#63

4-Bromofluorobenzene

Concen: 50.54 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VN027269.D

Acq: 17 Sep 2015 22:34

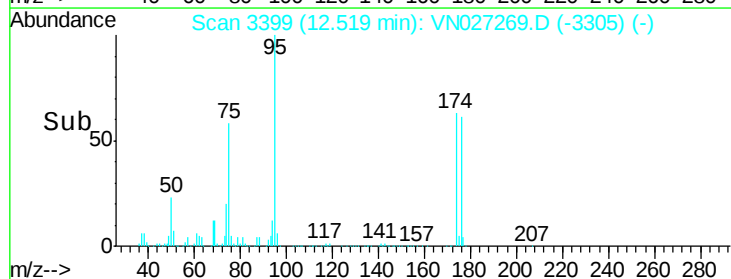
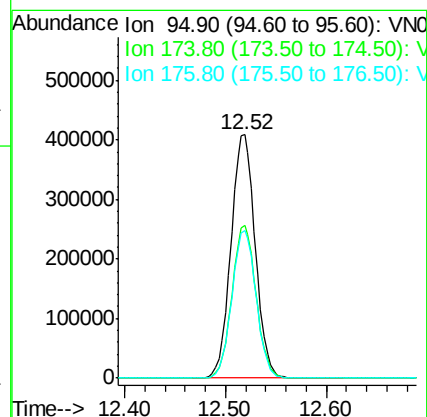
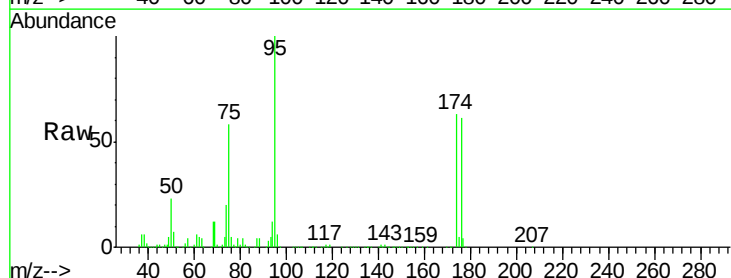
Tgt Ion: 95 Resp: 686417

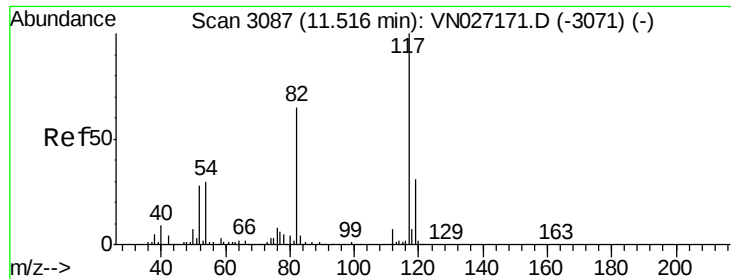
Ion Ratio Lower Upper

95 100

174 62.3 0.0 137.0

176 60.4 0.0 130.8

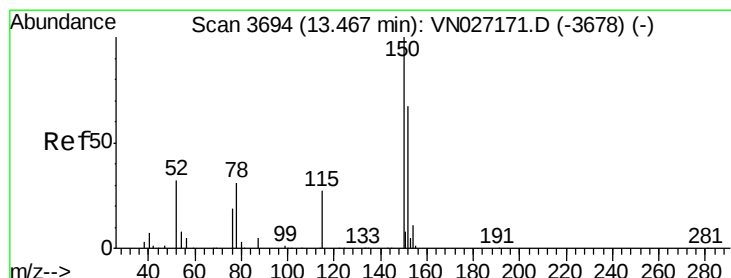
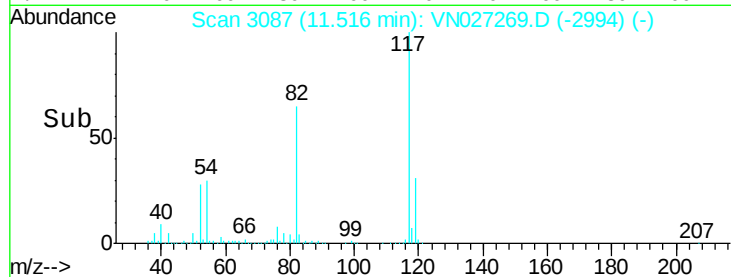
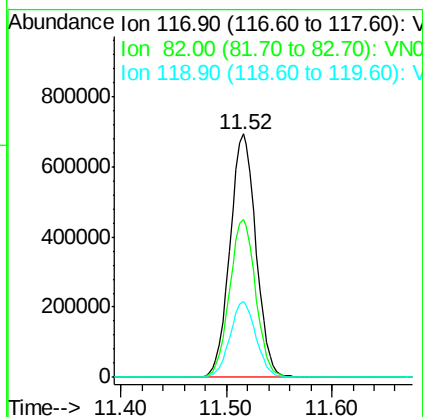
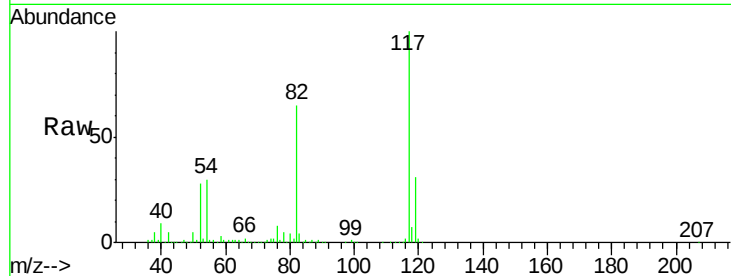




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027269.D
Acq: 17 Sep 2015 22:34

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBL03

Tot Ion:117 Resp: 1178692
Ion Ratio Lower Upper
117 100
82 65.0 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# 3694
Delta R.T. 0.00 min
Lab File: VN027269.D
Acq: 17 Sep 2015 22:34

Tgt Ion:152 Resp: 413787
Ion Ratio Lower Upper
152 100
115 68.9 30.8 92.3
150 158.8 0.0 345.0

