

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027276.D
 Acq On : 18 Sep 2015 1:47
 Operator : MD\FY
 Sample : G3708-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-91515

Quant Time: Sep 18 07:26:28 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	764529	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1371868	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1162510	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	399345	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	761412	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
36) Dibromofluoromethane	7.68	113	492029	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
51) Toluene-d8	10.19	98	2006772	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
63) 4-Bromofluorobenzene	12.52	95	671963	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

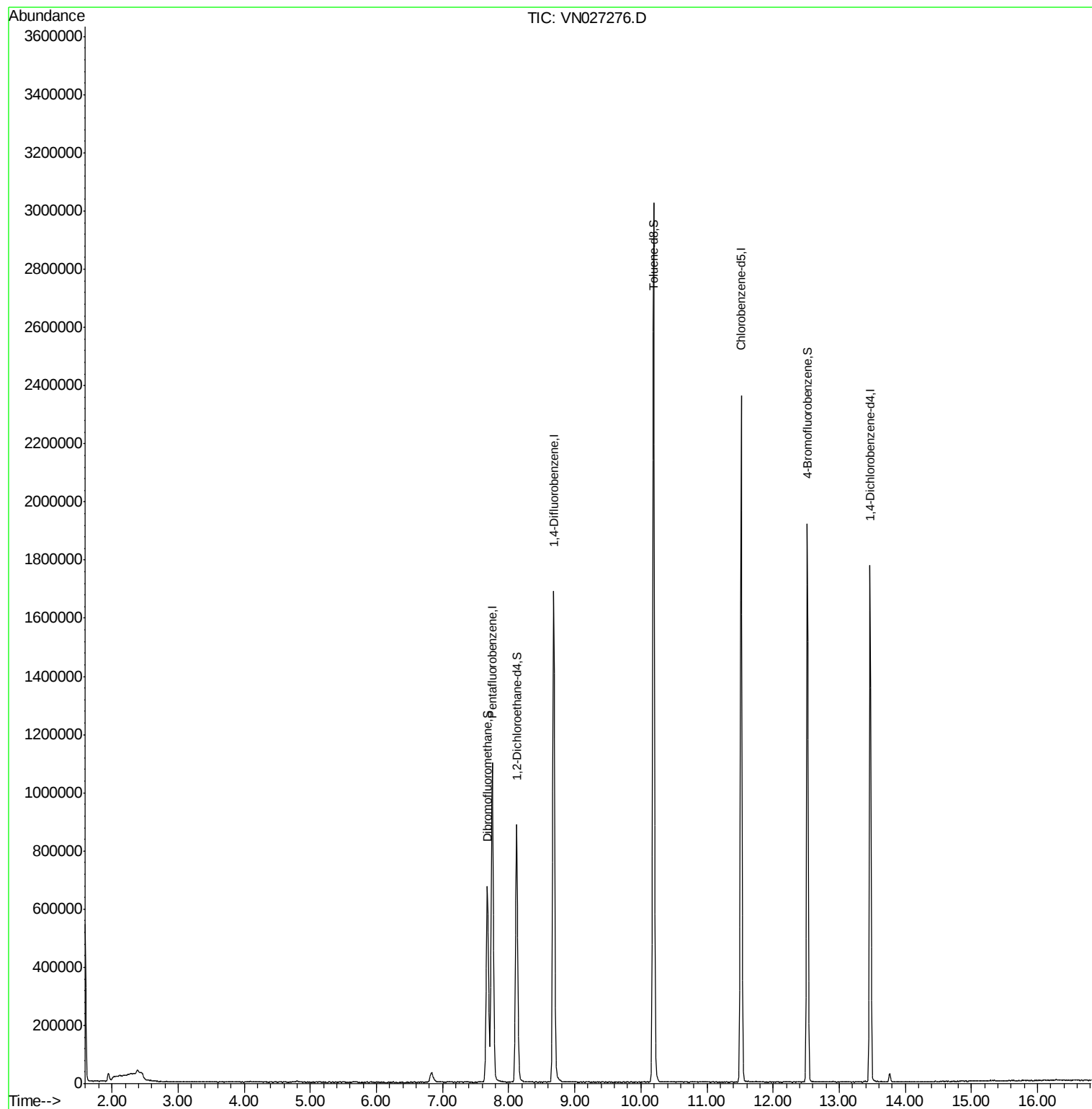
Target Compounds	Qvalue

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

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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: VN027276.D

Acq: 18 Sep 2015 1:47

Instrument :

MSVOA_N

ClientSampleId :

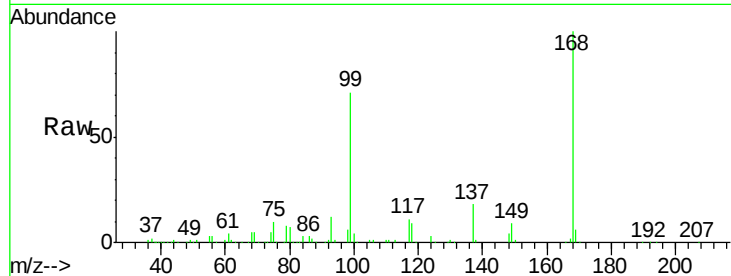
TB-91515

Tot Ion:168 Resp: 764529

Ion Ratio Lower Upper

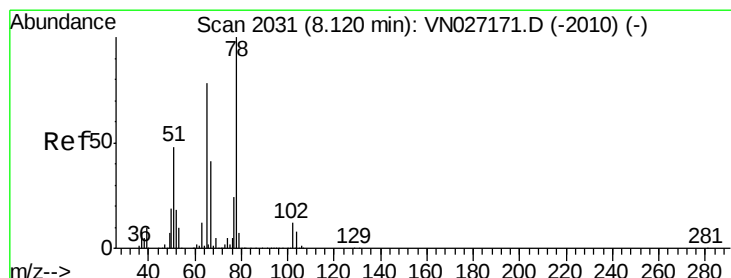
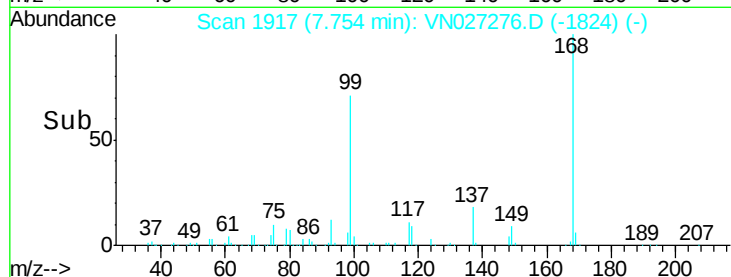
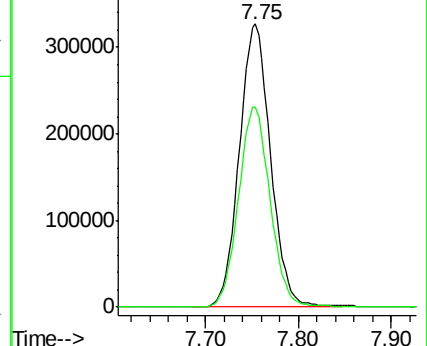
168 100

99 70.9 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: 48.61 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027276.D

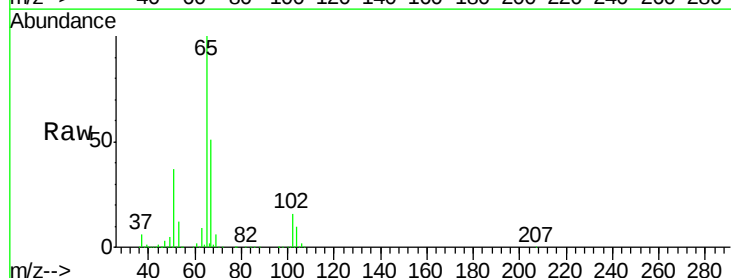
Acq: 18 Sep 2015 1:47

Tgt Ion: 65 Resp: 761412

Ion Ratio Lower Upper

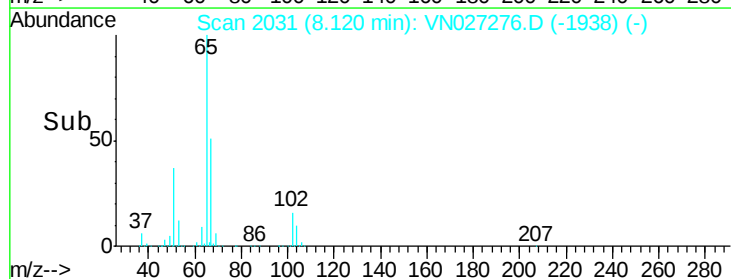
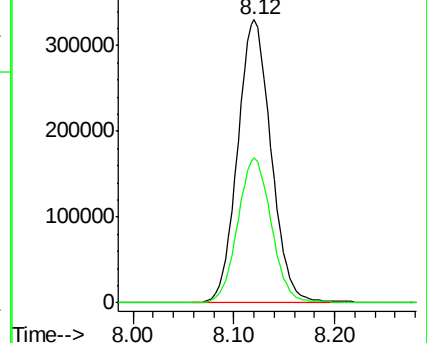
65 100

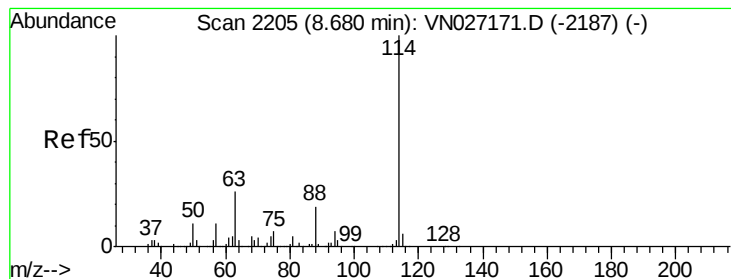
67 51.6 0.0 110.6



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: VN027276.D

Acq: 18 Sep 2015 1:47

Instrument :

MSVOA_N

ClientSampleId :

TB-91515

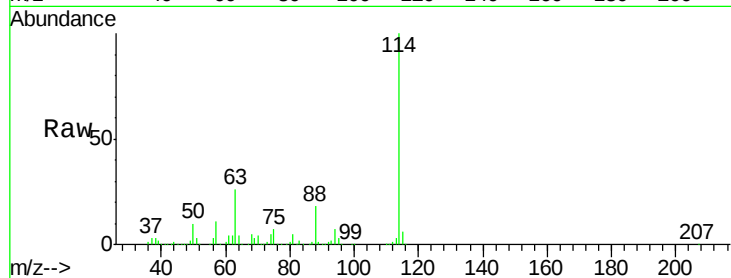
Tot Ion:114 Resp: 1371868

Ion Ratio Lower Upper

114 100

63 26.0 0.0 48.8

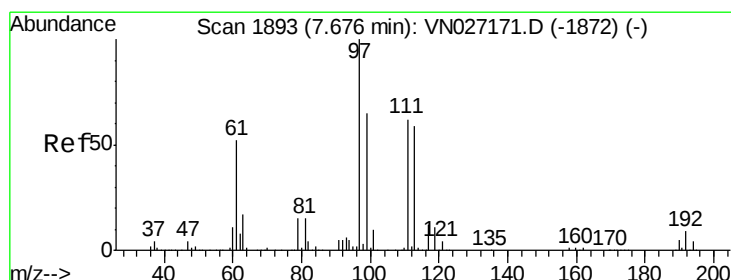
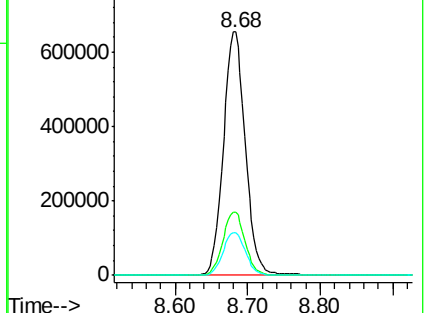
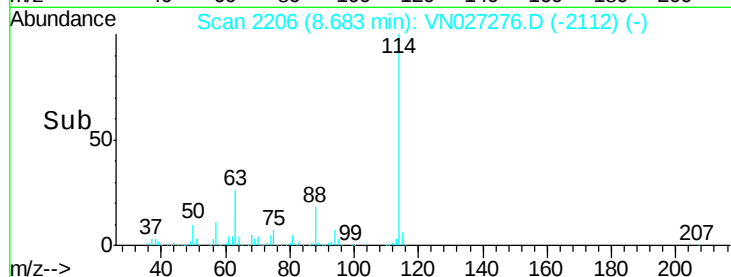
88 17.5 0.0 32.2



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: 51.74 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027276.D

Acq: 18 Sep 2015 1:47

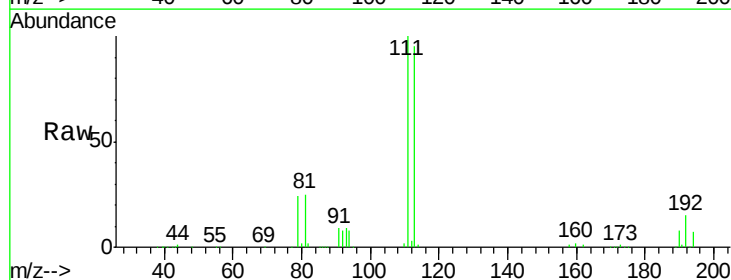
Tgt Ion:113 Resp: 492029

Ion Ratio Lower Upper

113 100

111 106.1 83.0 124.4

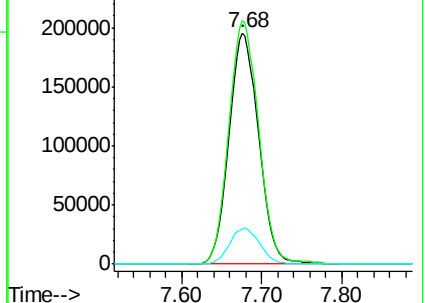
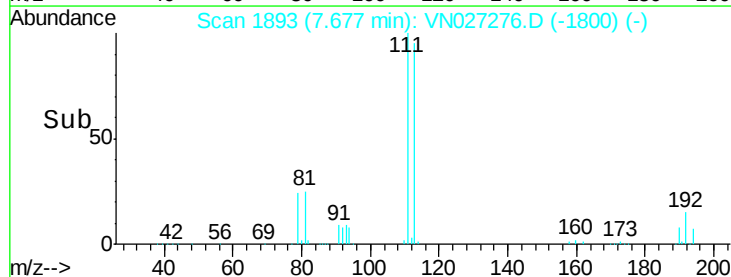
192 16.0 14.1 21.1

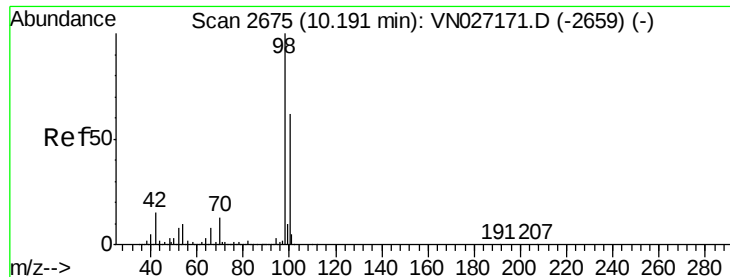


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#51

Toluene-d8

Concen: 53.90 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027276.D

Acq: 18 Sep 2015 1:47

Instrument :

MSVOA_N

ClientSampleId :

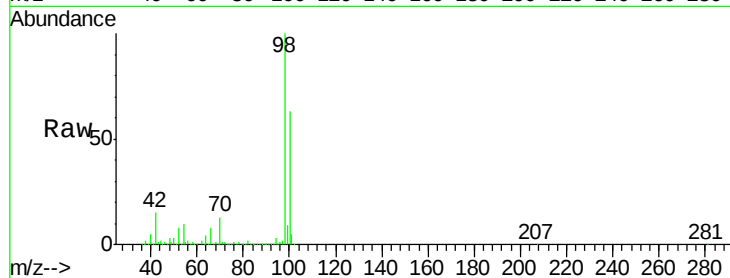
TB-91515

Tot Ion: 98 Resp: 2006772

Ion Ratio Lower Upper

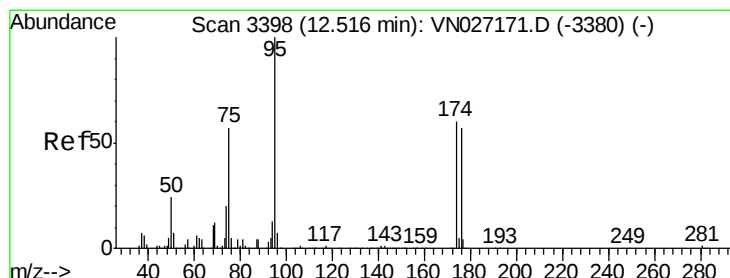
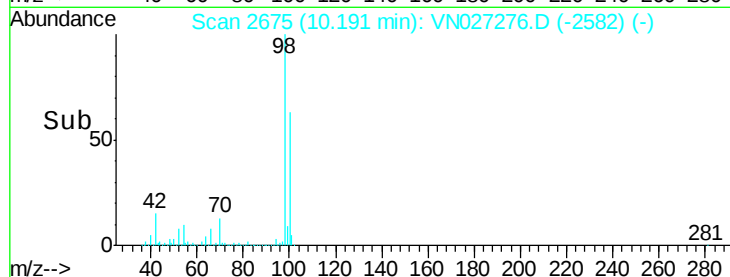
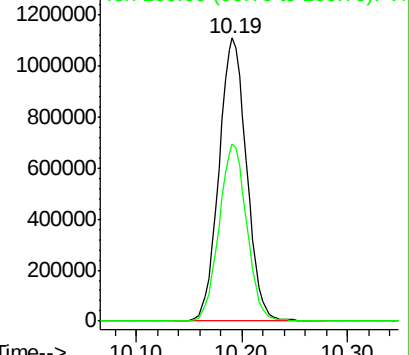
98 100

100 62.8 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#63

4-Bromofluorobenzene

Concen: 50.85 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VN027276.D

Acq: 18 Sep 2015 1:47

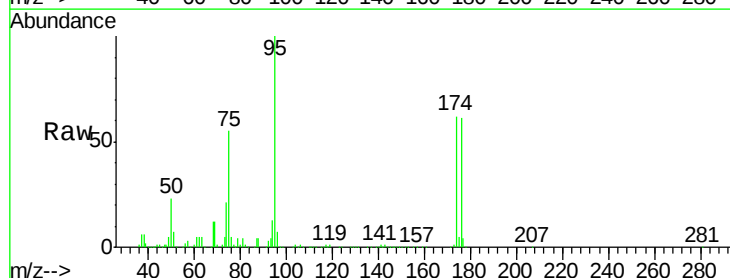
Tgt Ion: 95 Resp: 671963

Ion Ratio Lower Upper

95 100

174 61.6 0.0 137.0

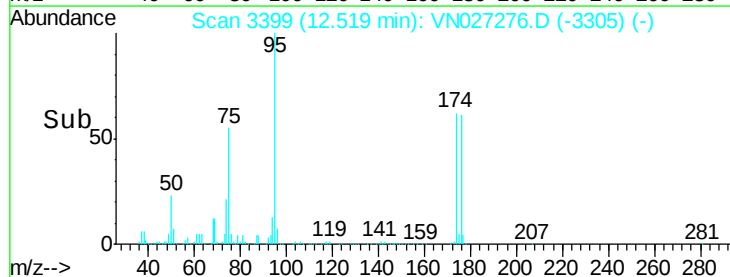
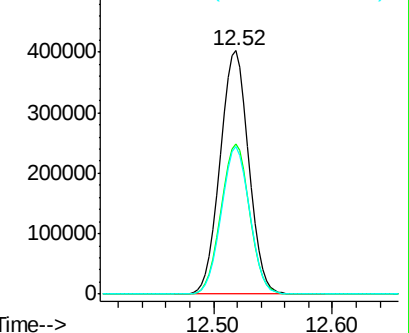
176 59.9 0.0 130.8

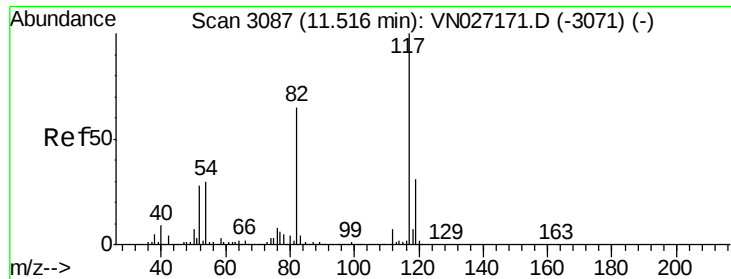


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

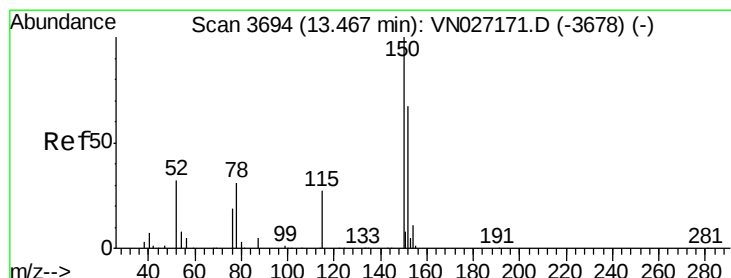
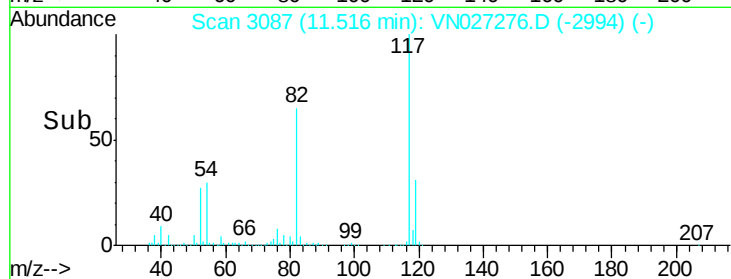
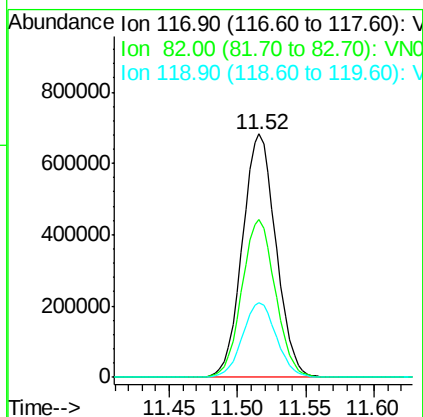
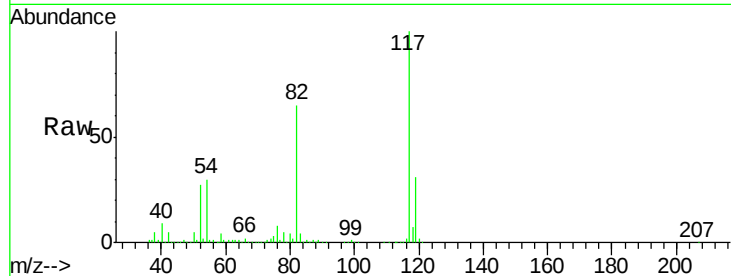




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027276.D
Acq: 18 Sep 2015 1:47

Instrument :
MSVOA_N
ClientSampleId :
TB-91515

Tot Ion:117 Resp: 1162510
Ion Ratio Lower Upper
117 100
82 64.7 49.6 74.4
119 30.8 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: VN027276.D
Acq: 18 Sep 2015 1:47

Tgt Ion:152 Resp: 399345
Ion Ratio Lower Upper
152 100
115 68.5 30.8 92.3
150 161.1 0.0 345.0

