

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027351.D
 Acq On : 22 Sep 2015 1:35
 Operator : MD\FY
 Sample : G3754-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Sep 22 04:09:49 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	687529	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1255410	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1057639	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	353620	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 1,2-Dichloroethane-d4	8.12	65	706504	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
36) Dibromofluoromethane	7.68	113	443659	54.16	ug/l	0.00
Spiked Amount			Recovery	=	108.32%	
51) Toluene-d8	10.19	98	1828136	57.73	ug/l	0.00
Spiked Amount			Recovery	=	115.46%	
63) 4-Bromofluorobenzene	12.52	95	597057	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	

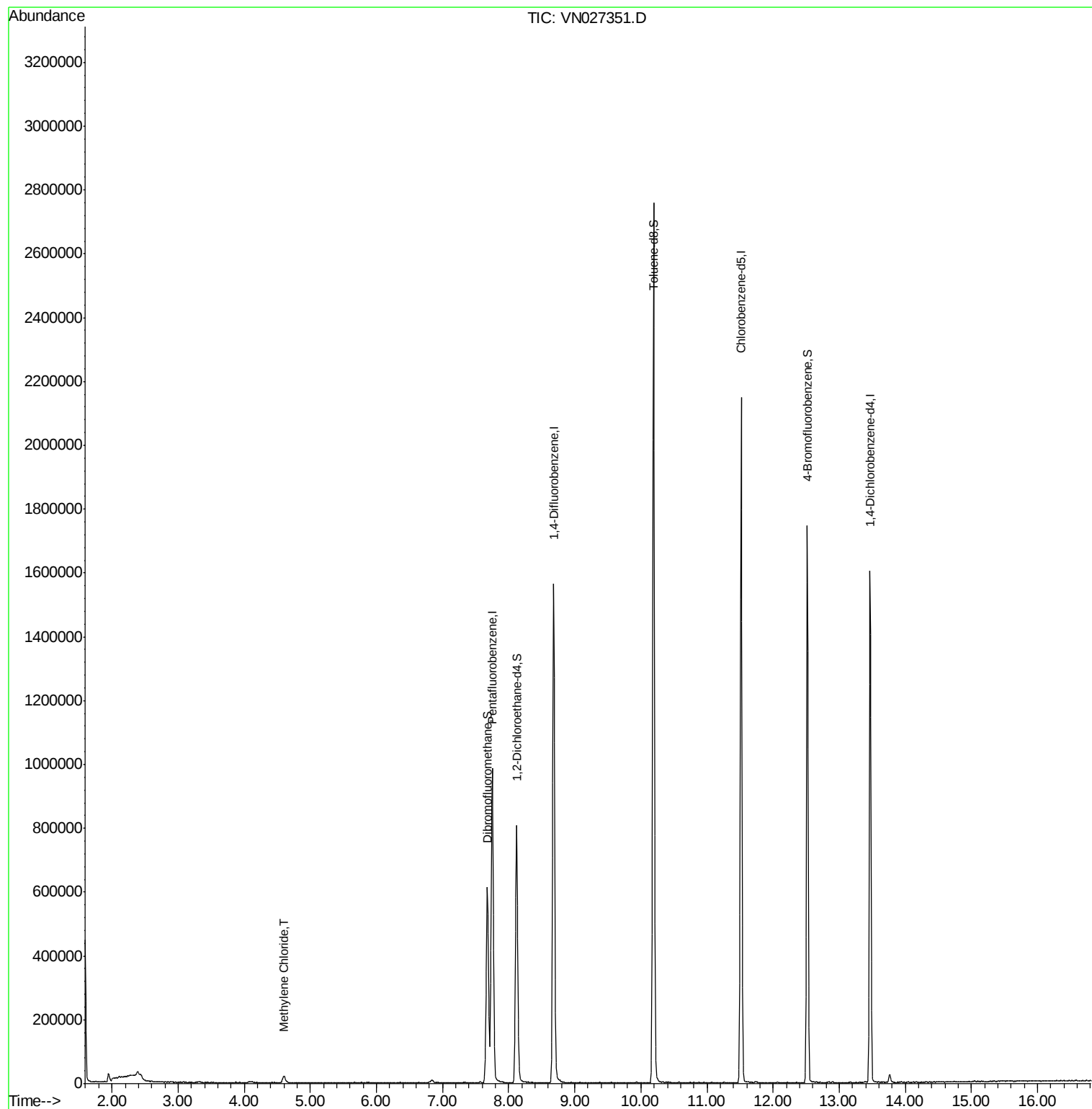
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
21) Methylene Chloride	4.60	84	13796	1.42	ug/l	92

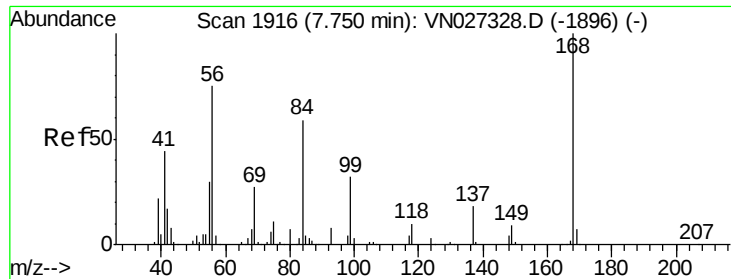
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 21 13:12:32 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: VN027351.D

Acq: 22 Sep 2015 1:35

Instrument :

MSVOA_N

ClientSampled :

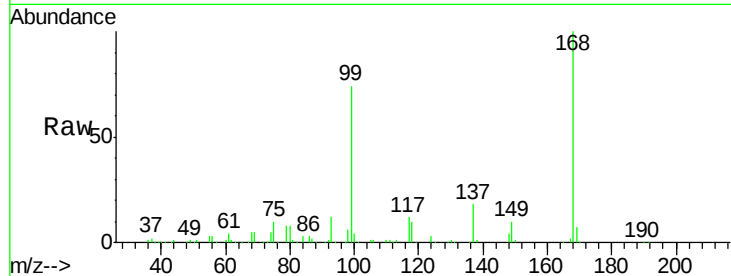
TB

Tot Ion:168 Resp: 687529

Ion Ratio Lower Upper

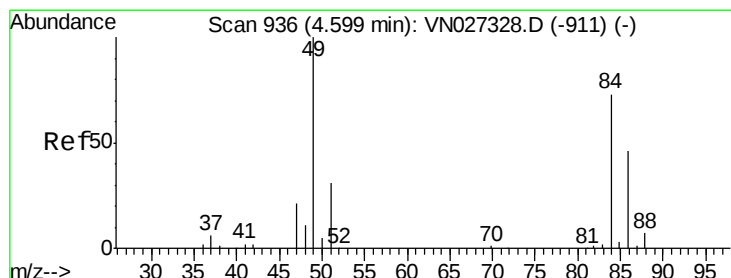
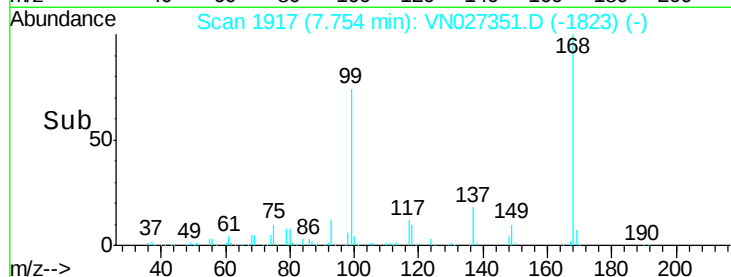
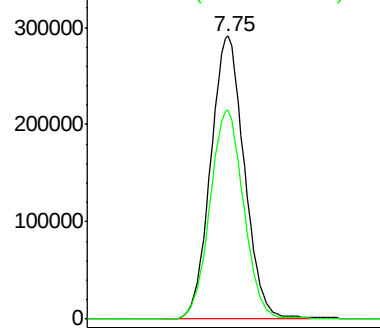
168 100

99 73.8 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#21

Methylene Chloride

Concen: 1.42 ug/l

RT: 4.60 min Scan# 936

Delta R.T. 0.00 min

Lab File: VN027351.D

Acq: 22 Sep 2015 1:35

Tgt Ion: 84 Resp: 13796

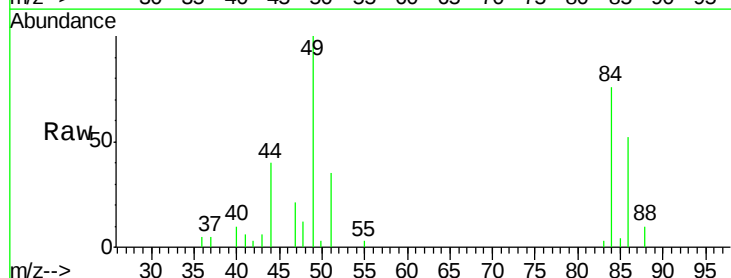
Ion Ratio Lower Upper

84 100

49 131.9 112.3 168.5

51 45.9 33.8 50.8

86 68.1 48.2 72.4

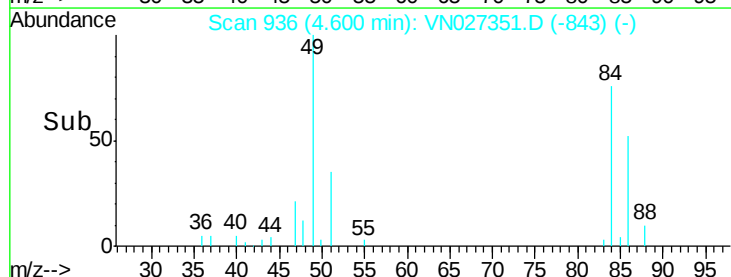
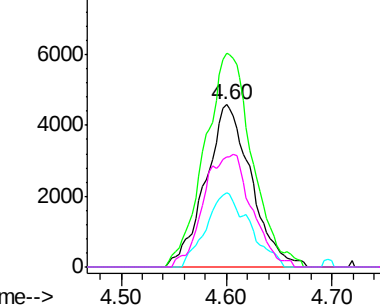


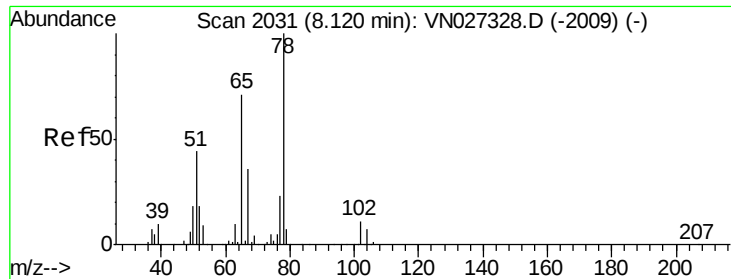
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#34

1,2-Dichloroethane-d4

Concen: 52.49 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027351.D

Acq: 22 Sep 2015 1:35

Instrument :

MSVOA_N

ClientSampleId :

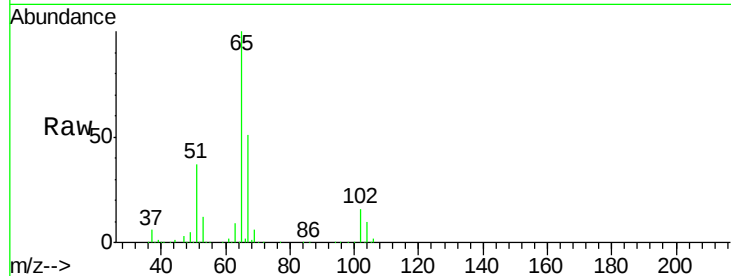
TB

Tot Ion: 65 Resp: 706504

Ion Ratio Lower Upper

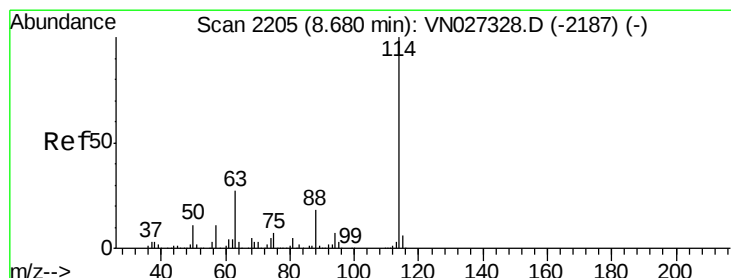
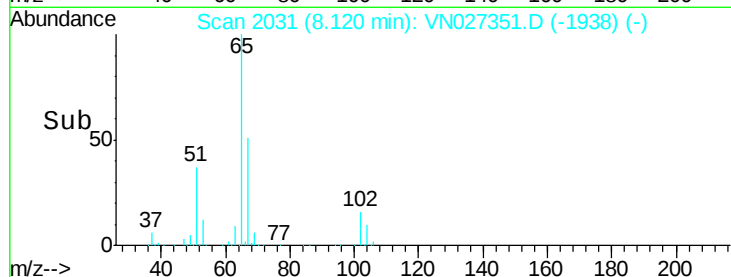
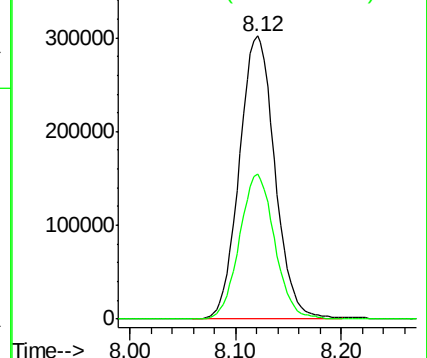
65 100

67 50.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VN027351.D

Acq: 22 Sep 2015 1:35

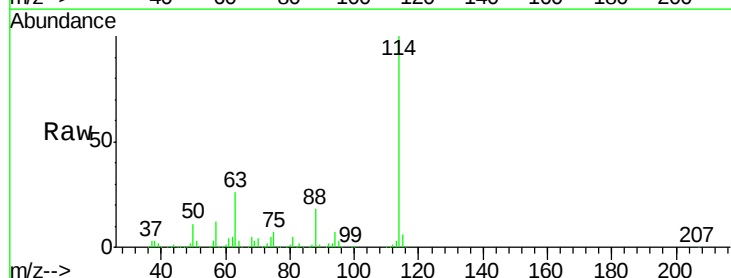
Tgt Ion: 114 Resp: 1255410

Ion Ratio Lower Upper

114 100

63 26.3 0.0 48.8

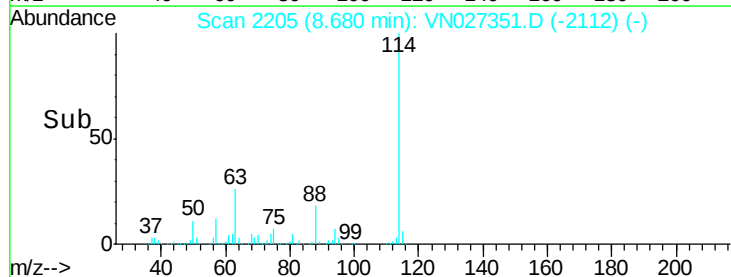
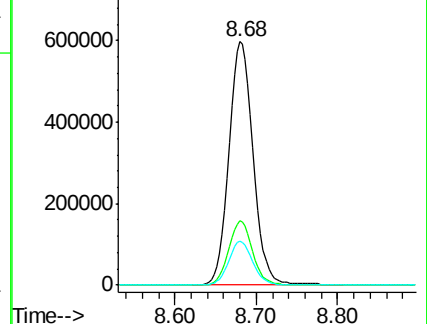
88 18.2 0.0 32.2

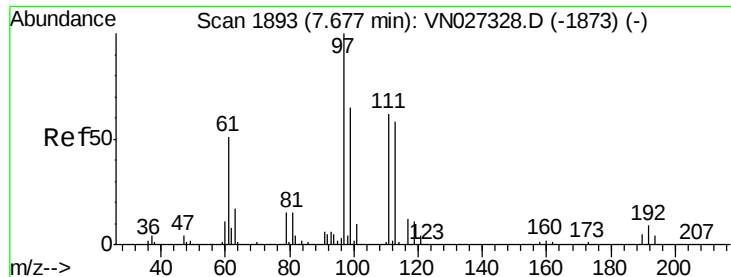


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#36

Dibromofluoromethane

Concen: 54.16 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027351.D

Acq: 22 Sep 2015 1:35

Instrument :

MSVOA_N

ClientSampleId :

TB

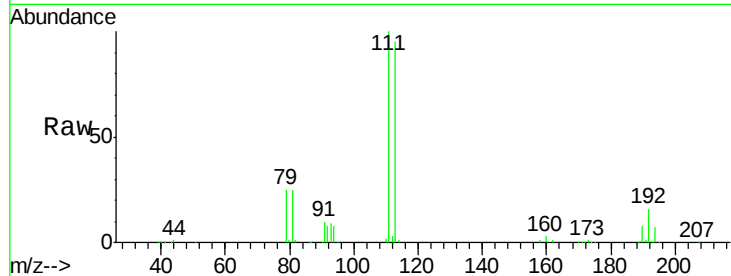
Tot Ion:113 Resp: 443659

Ion Ratio Lower Upper

113 100

111 106.5 83.0 124.4

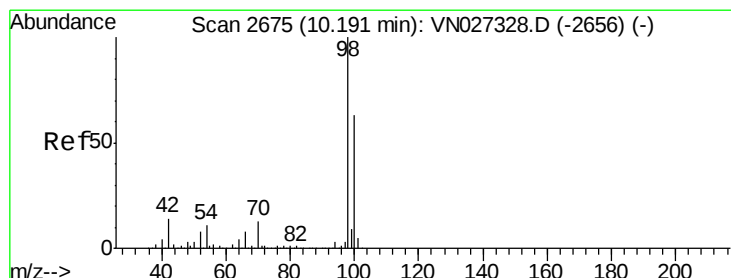
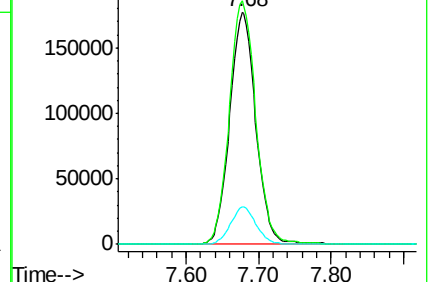
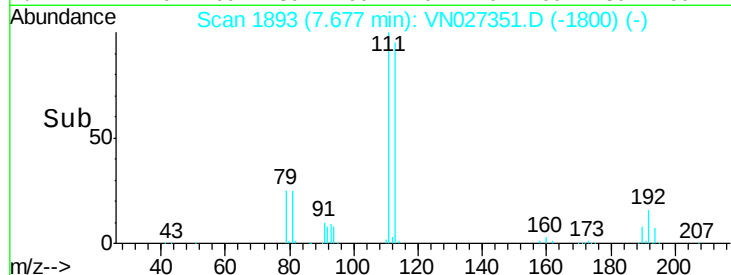
192 15.9 14.1 21.1



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: 57.73 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027351.D

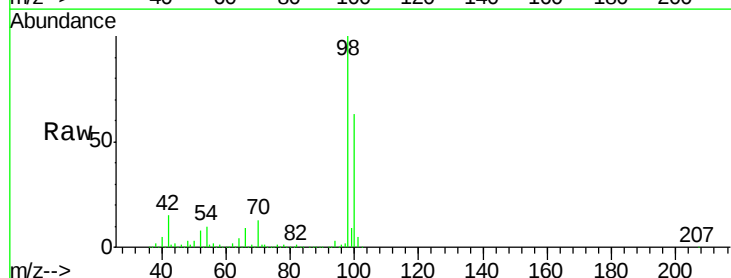
Acq: 22 Sep 2015 1:35

Tgt Ion: 98 Resp: 1828136

Ion Ratio Lower Upper

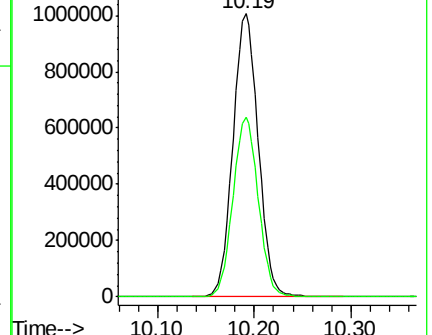
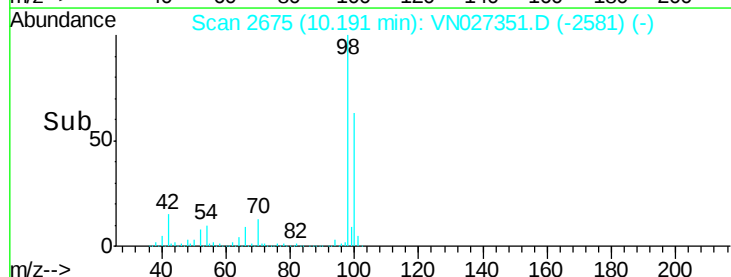
98 100

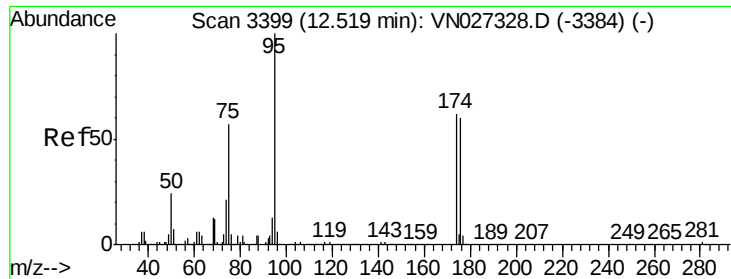
100 63.5 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

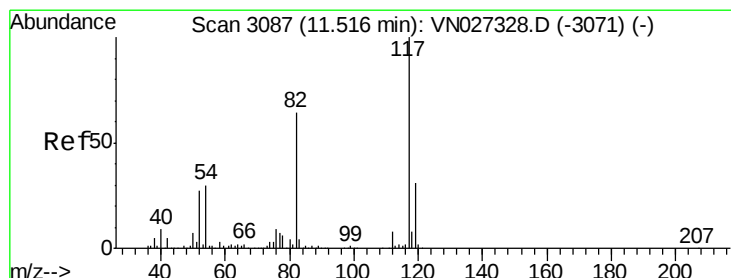
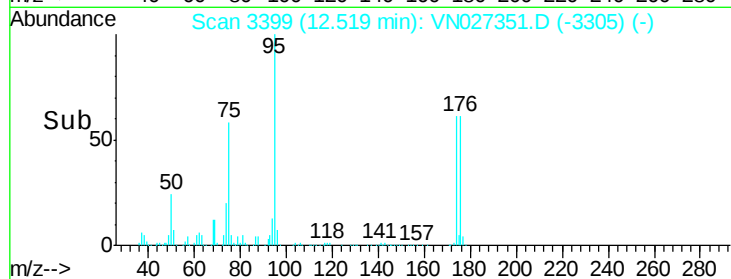
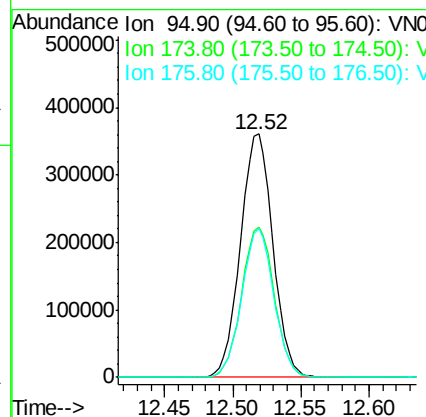
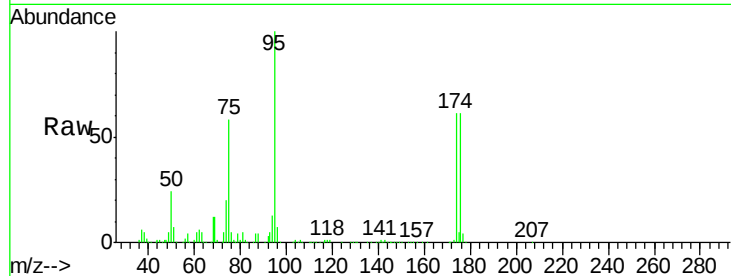




#63
4-Bromofluorobenzene
Concen: 51.90 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027351.D
Acq: 22 Sep 2015 1:35

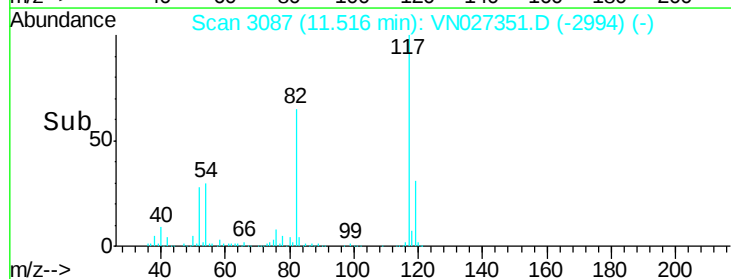
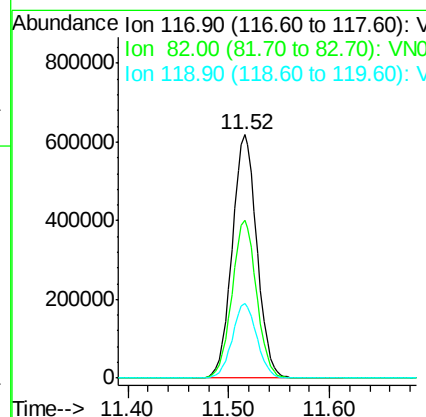
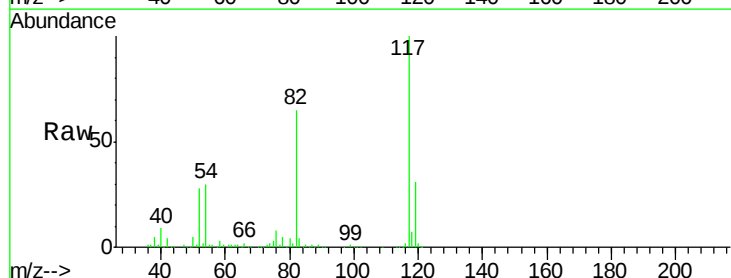
Instrument :
MSVOA_N
ClientSampled :
TB

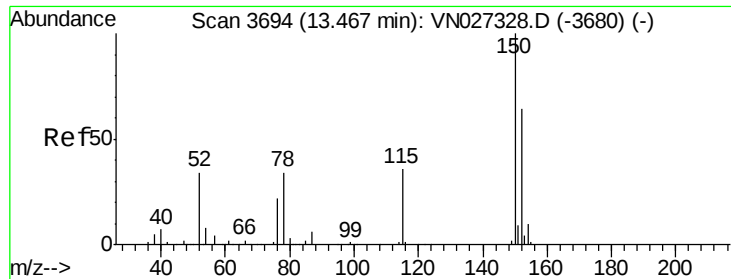
Tot Ion	Ratio	Lower	Upper
95	100		
174	62.1	0.0	137.0
176	60.3	0.0	130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027351.D
Acq: 22 Sep 2015 1:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.7	49.6	74.4
119	30.7	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: VN027351.D

Acq: 22 Sep 2015 1:35

Instrument :

MSVOA_N

ClientSampleId :

TB

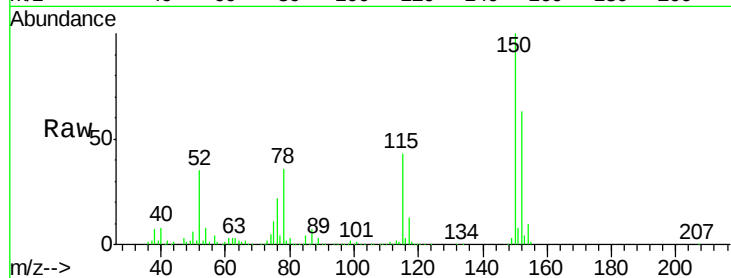
Tot Ion:152 Resp: 353620

Ion Ratio Lower Upper

152 100

115 68.6 30.8 92.3

150 158.2 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

