

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027188.D
 Acq On : 16 Sep 2015 3:29
 Operator : MD\FY
 Sample : G3629-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0098

Quant Time: Sep 16 04:54:03 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

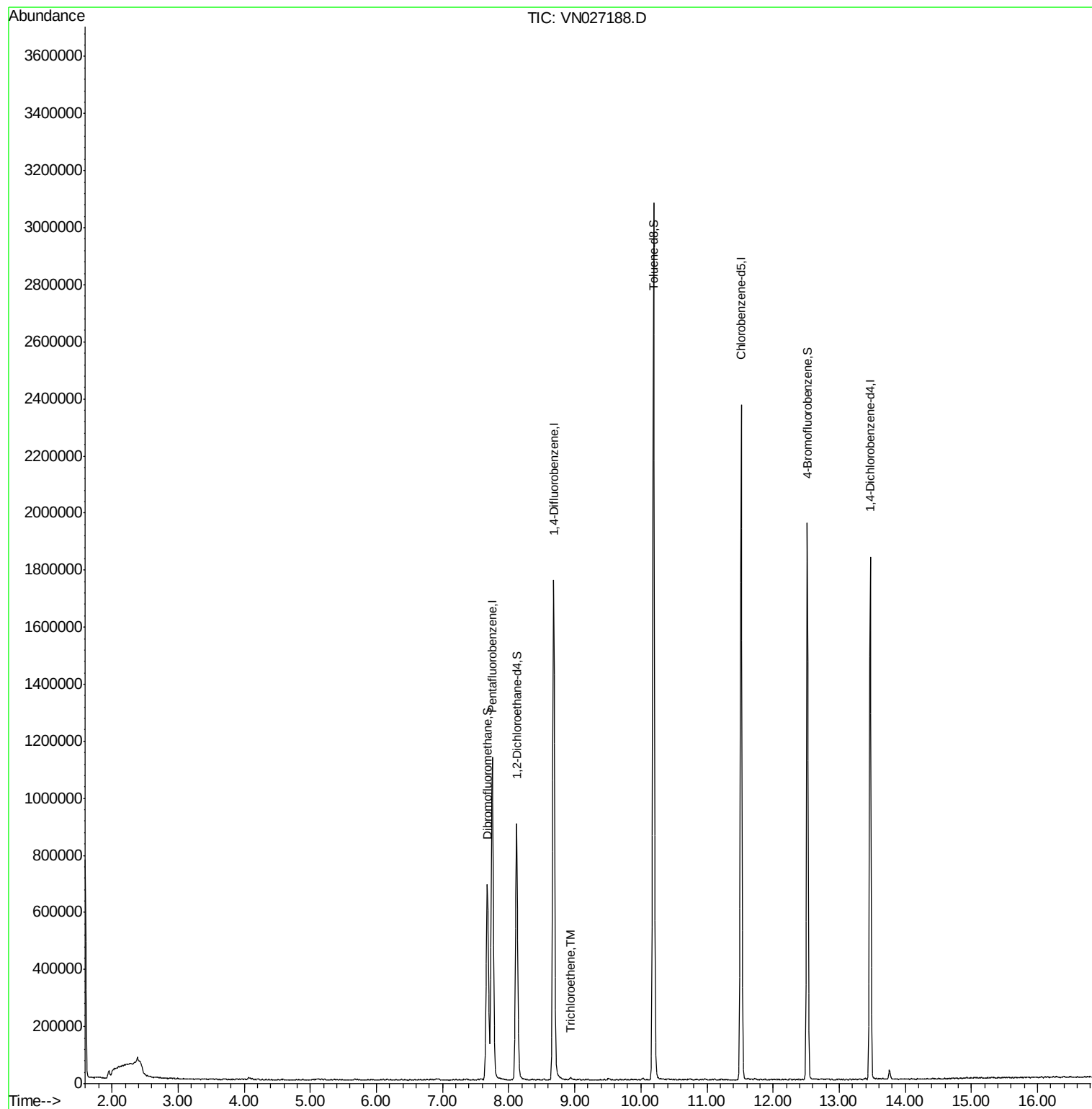
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	787419	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1402783	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1173771	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	409350	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	774446	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
36) Dibromofluoromethane	7.68	113	507789	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
51) Toluene-d8	10.19	98	2053325	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
63) 4-Bromofluorobenzene	12.52	95	685334	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
Target Compounds						
45) Trichloroethene	8.94	130	2676	0.28	ug/l	Qvalue 66

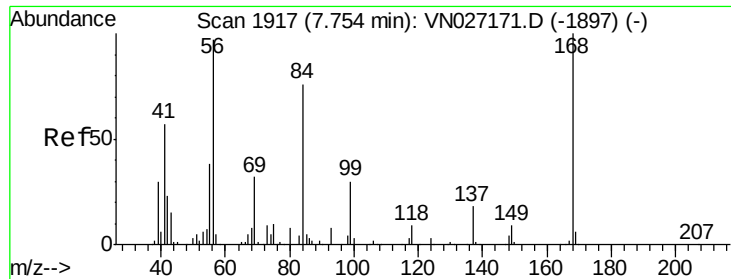
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027188.D

Acq: 16 Sep 2015 3:29

Instrument :

MSVOA_N

ClientSampled :

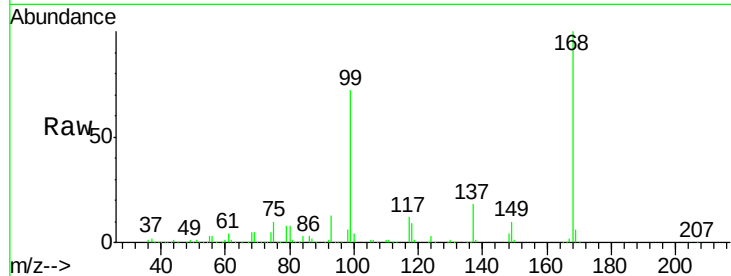
S39-0098

Tot Ion:168 Resp: 787419

Ion Ratio Lower Upper

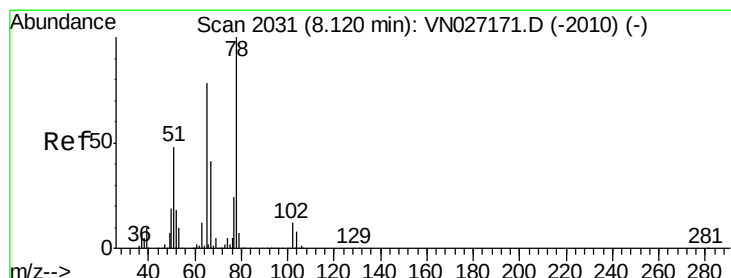
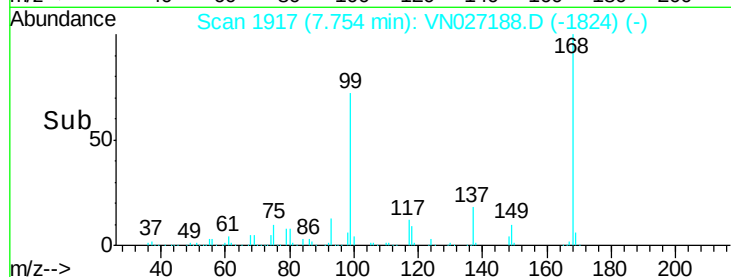
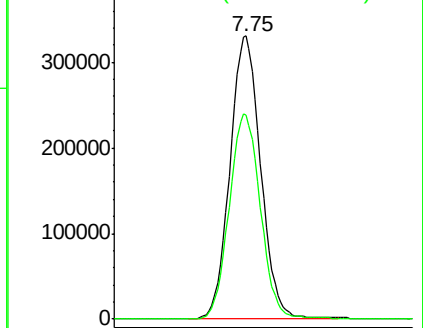
168 100

99 72.0 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: 48.00 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027188.D

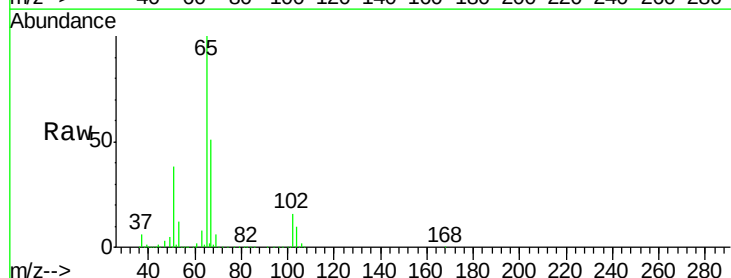
Acq: 16 Sep 2015 3:29

Tgt Ion: 65 Resp: 774446

Ion Ratio Lower Upper

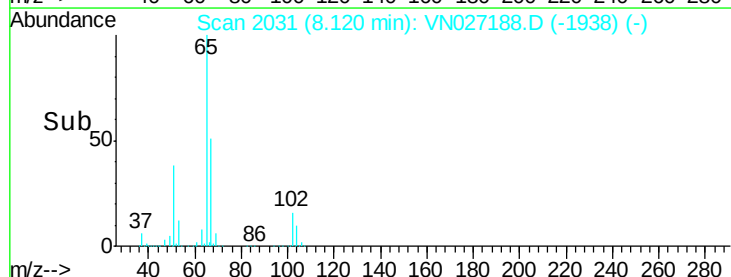
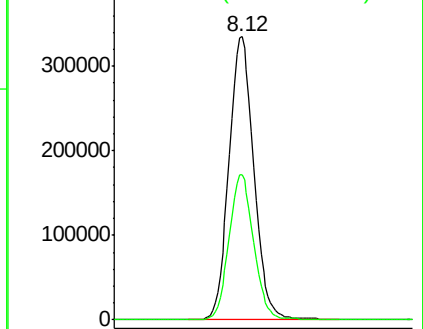
65 100

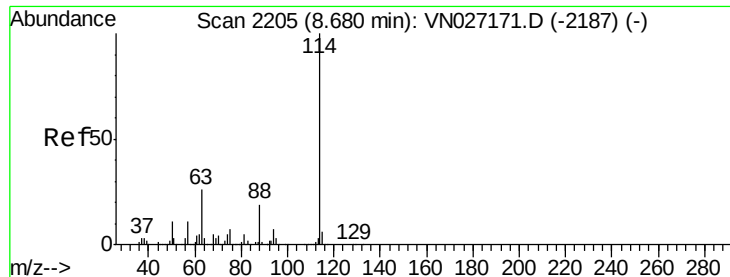
67 50.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

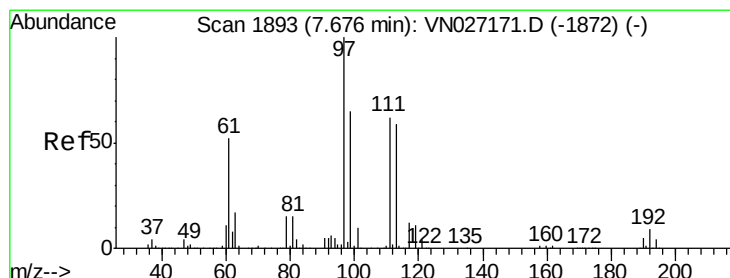
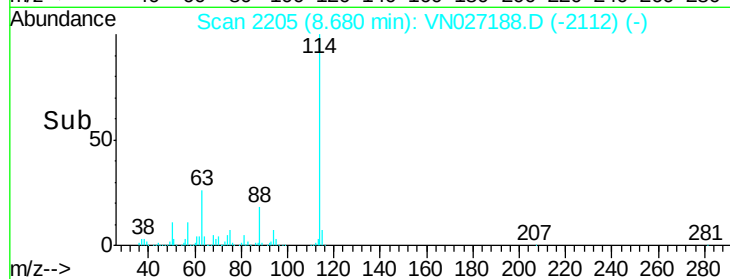
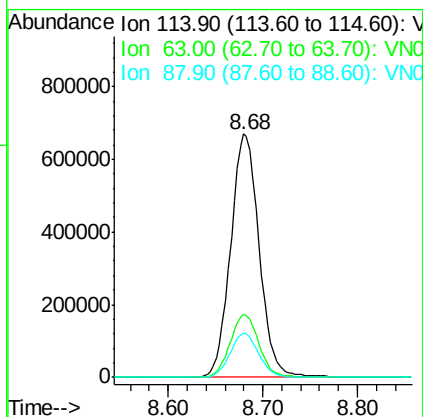
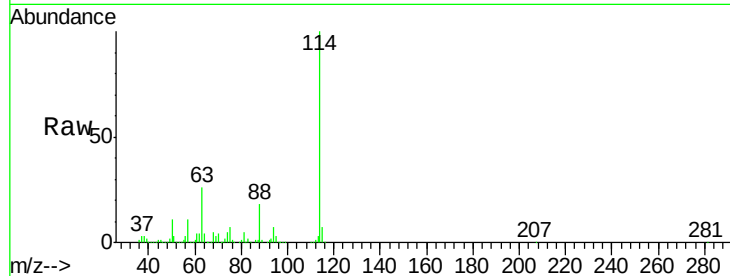




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027188.D
 Acq: 16 Sep 2015 3:29

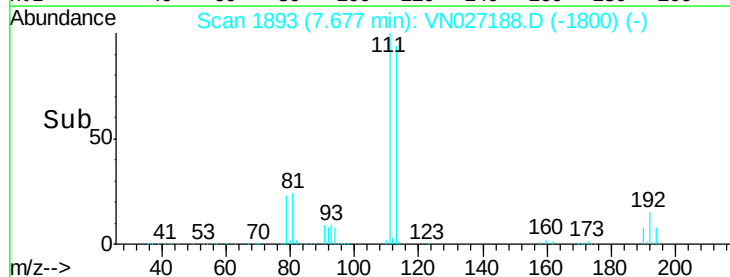
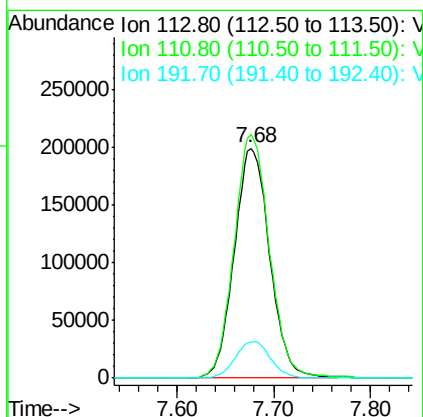
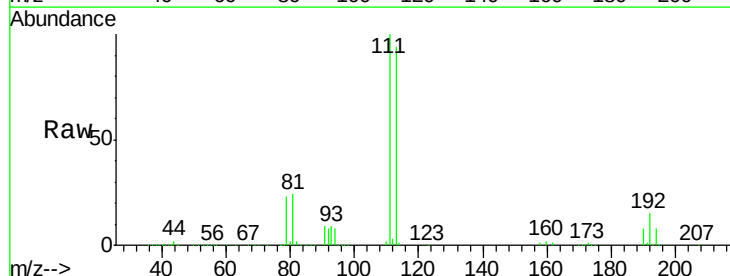
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0098

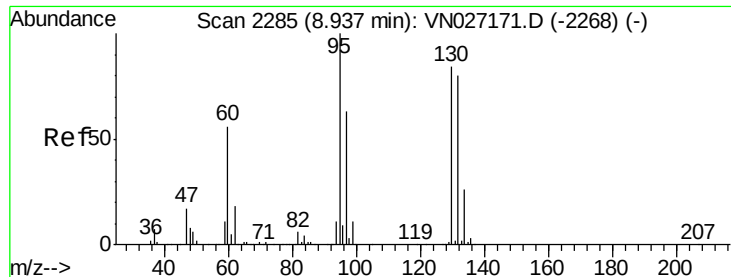
Tot Ion:114 Resp: 1402783
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 48.8
 88 18.3 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 52.22 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027188.D
 Acq: 16 Sep 2015 3:29

Tgt Ion:113 Resp: 507789
 Ion Ratio Lower Upper
 113 100
 111 106.2 83.0 124.4
 192 15.9 14.1 21.1





#45

Trichloroethene

Concen: 0.28 ug/l

RT: 8.94 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN027188.D

Acq: 16 Sep 2015 3:29

Instrument :

MSVOA_N

ClientSampleId :

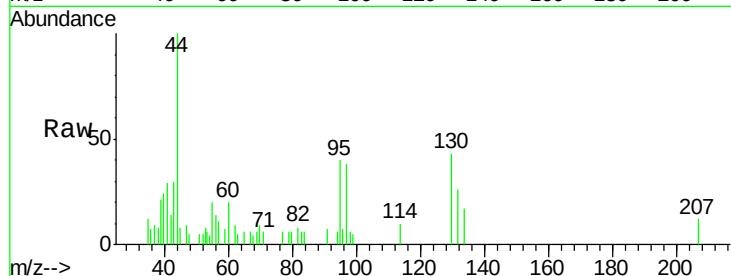
S39-0098

Tot Ion:130 Resp: 2676

Ion Ratio Lower Upper

130 100

95 74.9 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.94

1500

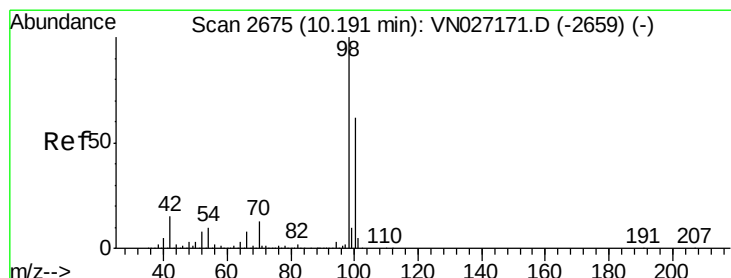
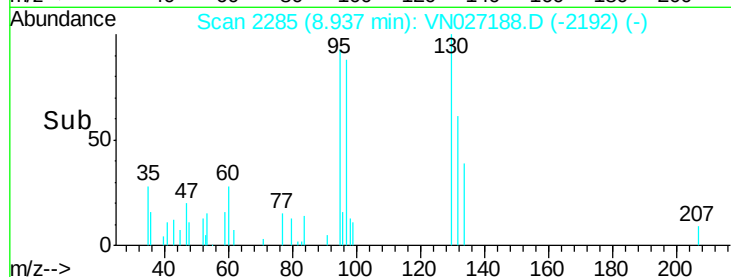
1000

500

0

8.90 8.95

Time-->



#51

Toluene-d8

Concen: 53.93 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027188.D

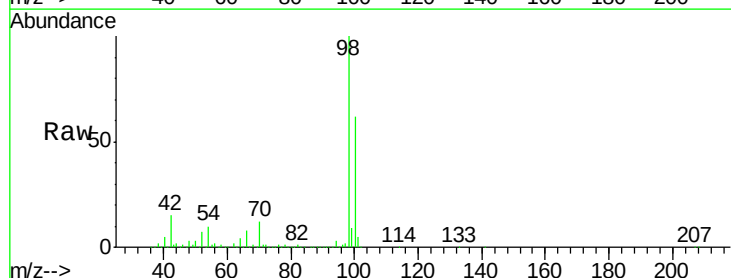
Acq: 16 Sep 2015 3:29

Tgt Ion: 98 Resp: 2053325

Ion Ratio Lower Upper

98 100

100 62.8 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.19

1200000

1000000

800000

600000

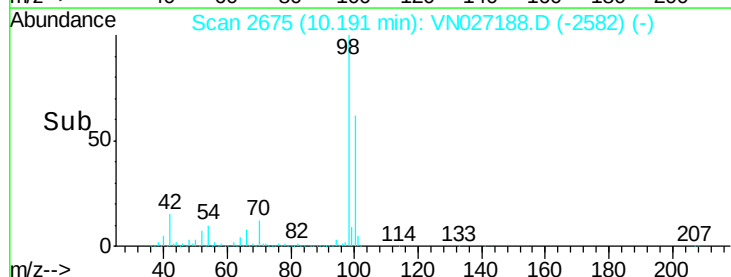
400000

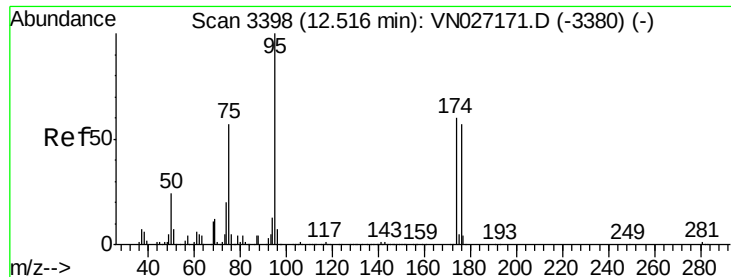
200000

0

10.10 10.20 10.30

Time-->

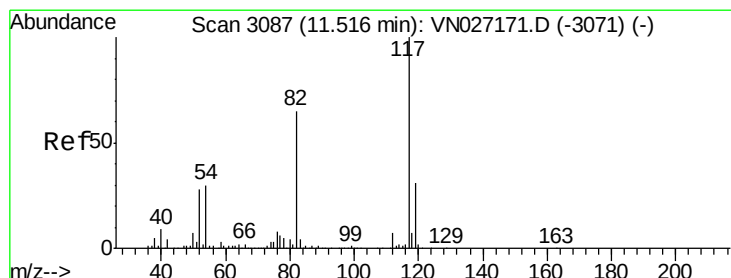
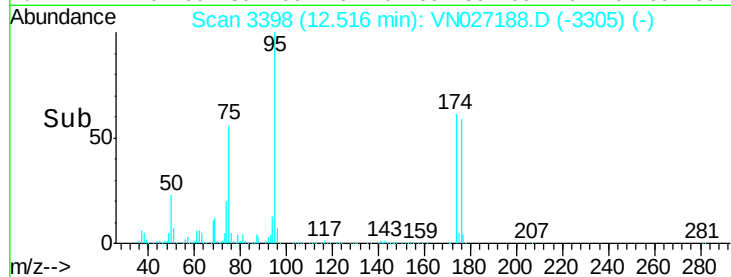
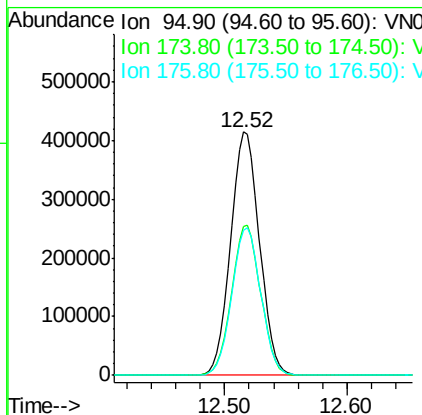
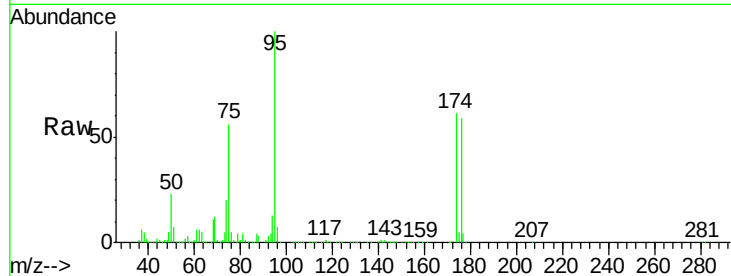




#63
4-Bromofluorobenzene
Concen: 50.71 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027188.D
Acq: 16 Sep 2015 3:29

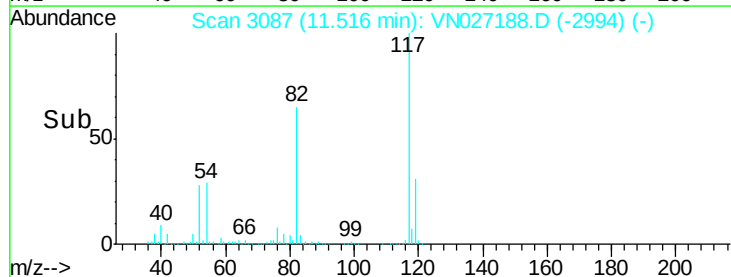
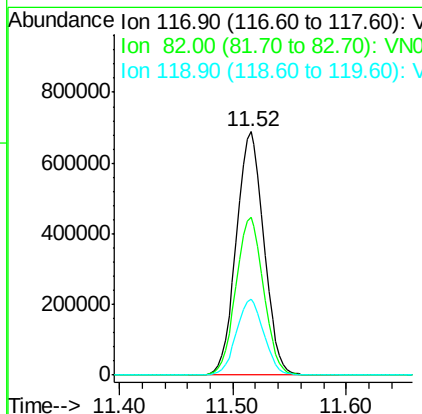
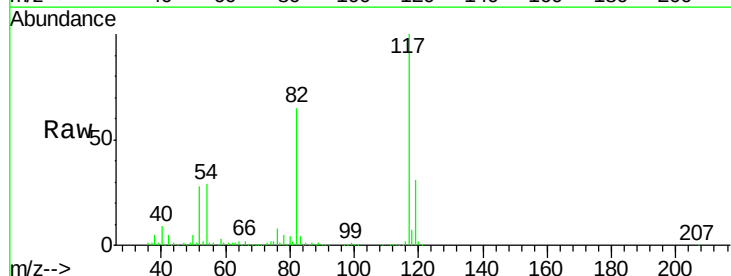
Instrument :
MSVOA_N
ClientSampled :
S39-0098

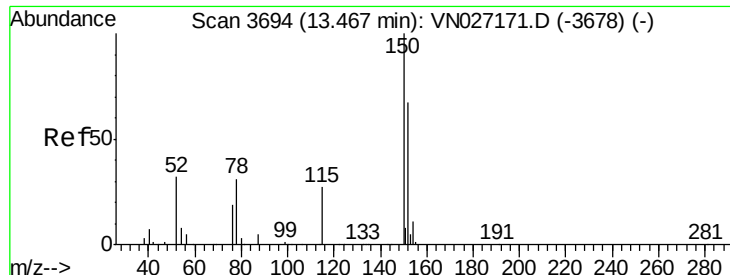
Tot Ion: 95 Resp: 685334
Ion Ratio Lower Upper
95 100
174 61.5 0.0 137.0
176 60.6 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027188.D
Acq: 16 Sep 2015 3:29

Tgt Ion: 117 Resp: 1173771
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# 3694

Delta R.T. 0.00 min

Lab File: VN027188.D

Acq: 16 Sep 2015 3:29

Instrument :

MSVOA_N

ClientSampleId :

S39-0098

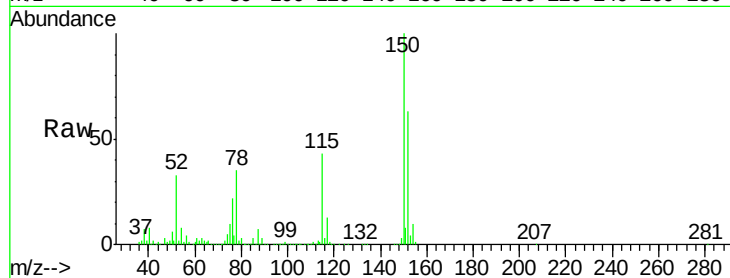
Tot Ion:152 Resp: 409350

Ion Ratio Lower Upper

152 100

115 68.6 30.8 92.3

150 159.0 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

