

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027283.D
 Acq On : 18 Sep 2015 5:00
 Operator : MD\FY
 Sample : G3706-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Quant Time: Sep 18 12:03:16 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	751222	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1369064	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1143467	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	412120	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	762780	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
36) Dibromofluoromethane	7.68	113	484435	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
51) Toluene-d8	10.19	98	1990285	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
63) 4-Bromofluorobenzene	12.52	95	670283	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	

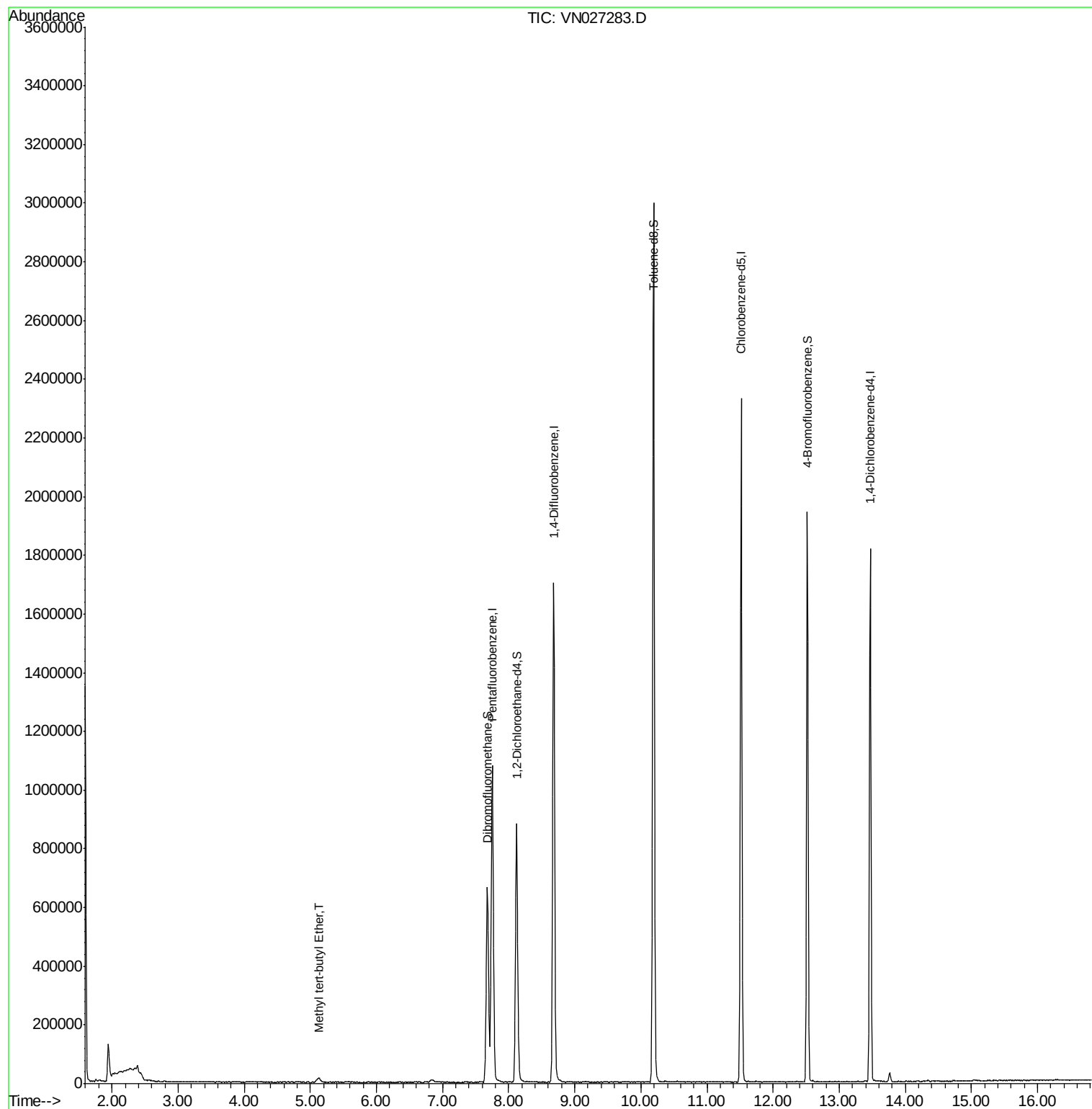
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methyl tert-butyl Ether	5.12	73	24934	0.64	ug/l	# 90

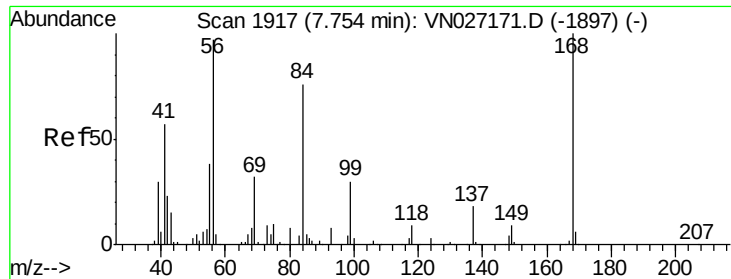
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027283.D

Acq: 18 Sep 2015 5:00

Instrument :

MSVOA_N

ClientSampled :

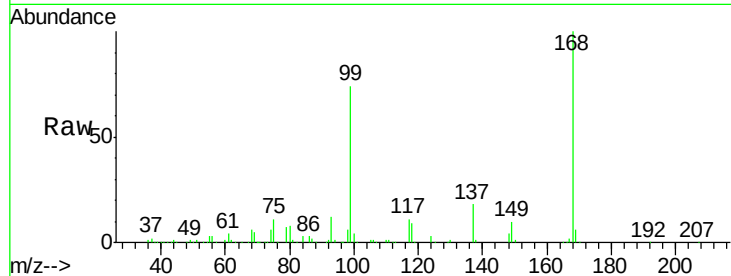
MW-7

Tot Ion:168 Resp: 751222

Ion Ratio Lower Upper

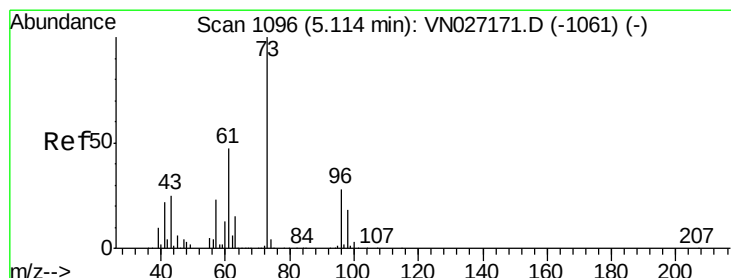
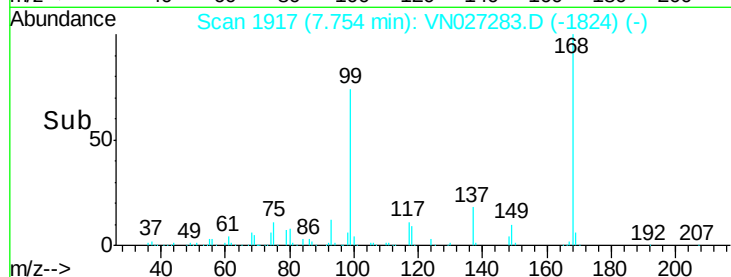
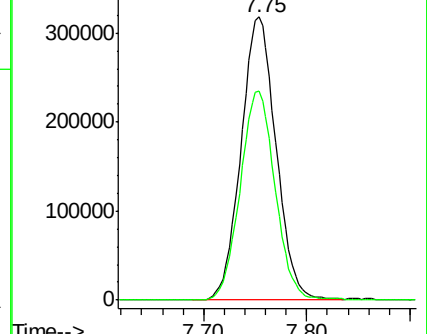
168 100

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



#20

Methyl tert-butyl Ether

Concen: 0.64 ug/l

RT: 5.12 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VN027283.D

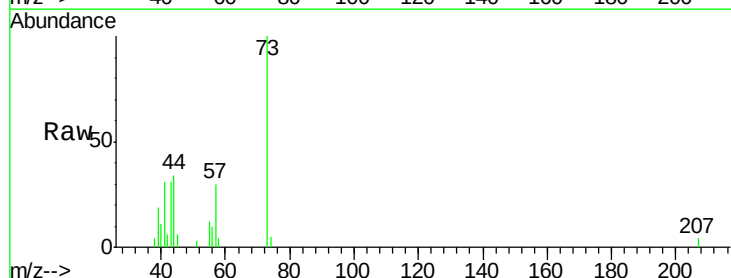
Acq: 18 Sep 2015 5:00

Tgt Ion: 73 Resp: 24934

Ion Ratio Lower Upper

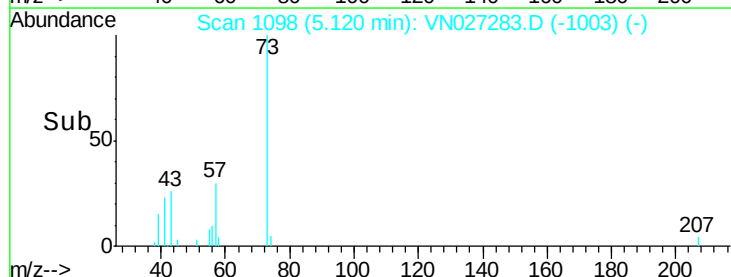
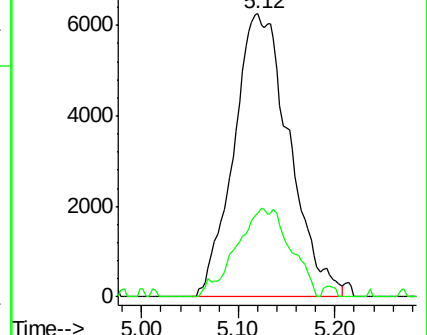
73 100

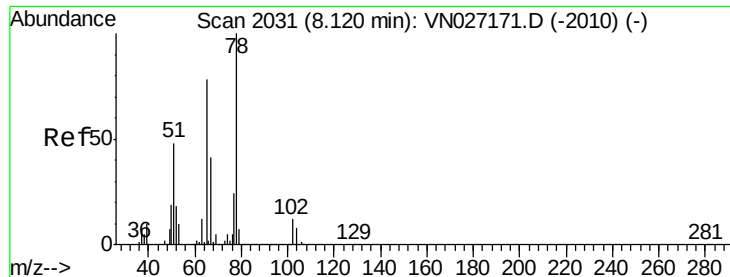
57 29.7 19.8 29.6#



Abundance Ion 73.00 (72.70 to 73.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

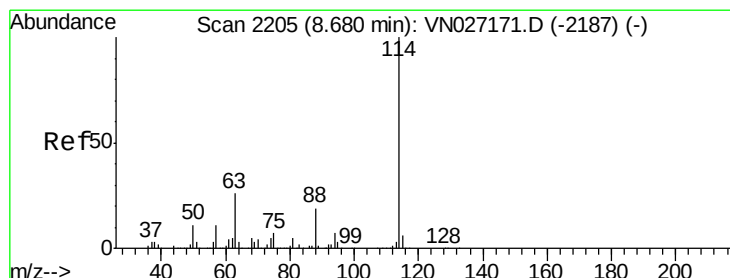
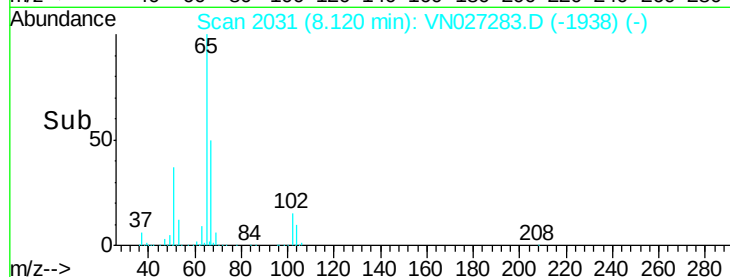
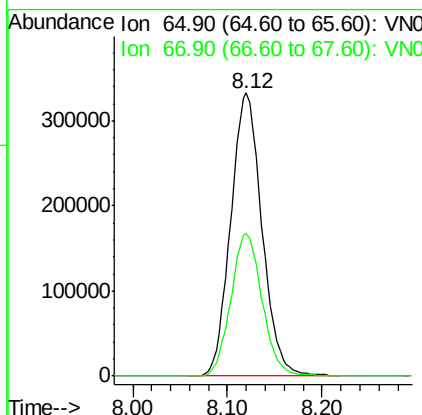
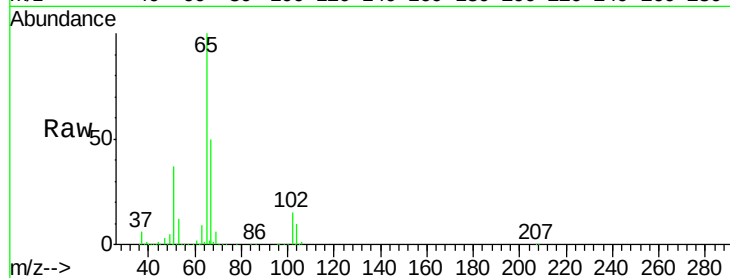




#34
 1,2-Dichloroethane-d4
 Concen: 49.56 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027283.D
 Acq: 18 Sep 2015 5:00

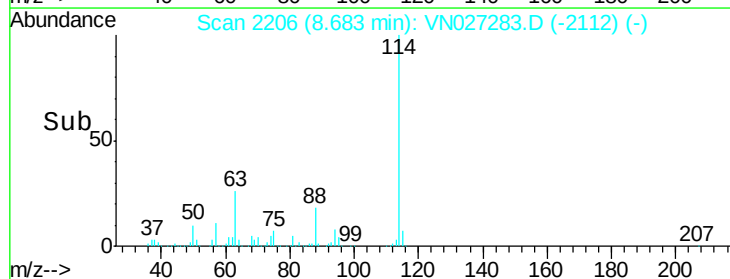
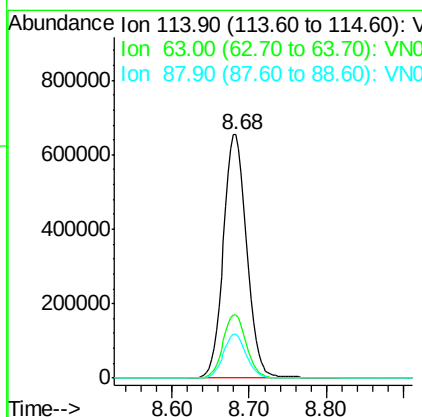
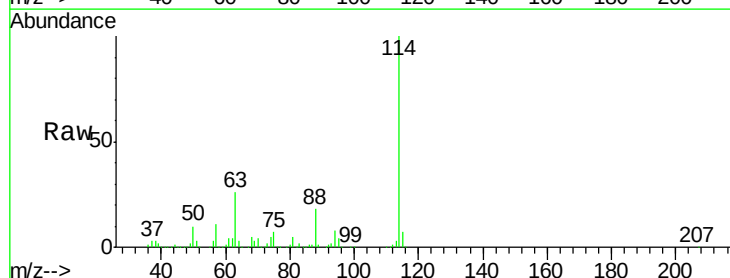
Instrument :
 MSVOA_N
 ClientSampled :
 MW-7

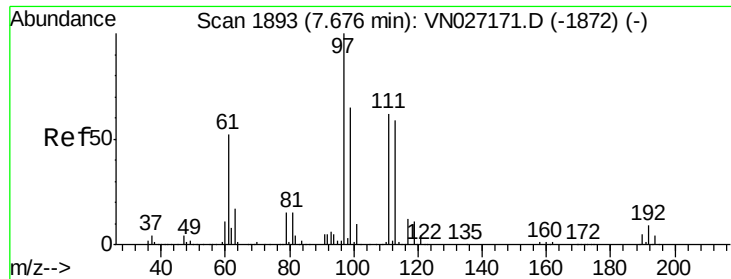
Tot Ion: 65 Resp: 762780
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 110.6



#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: VN027283.D
 Acq: 18 Sep 2015 5:00

Tgt Ion: 114 Resp: 1369064
 Ion Ratio Lower Upper
 114 100
 63 26.0 0.0 48.8
 88 18.2 0.0 32.2

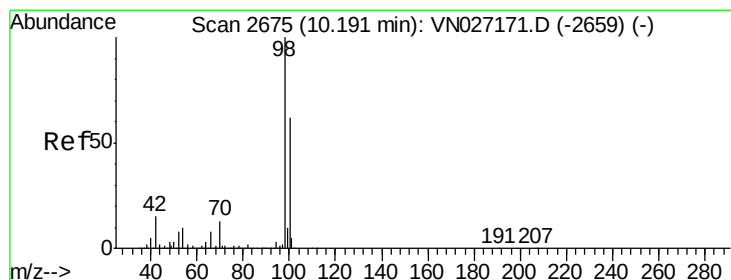
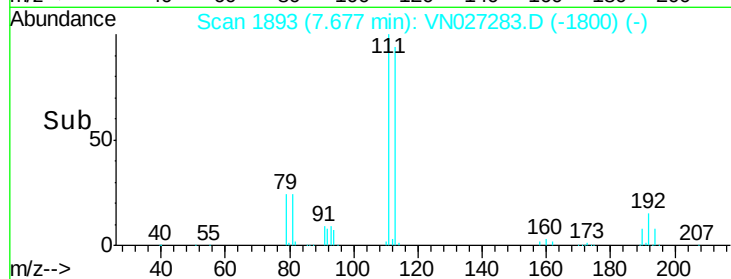
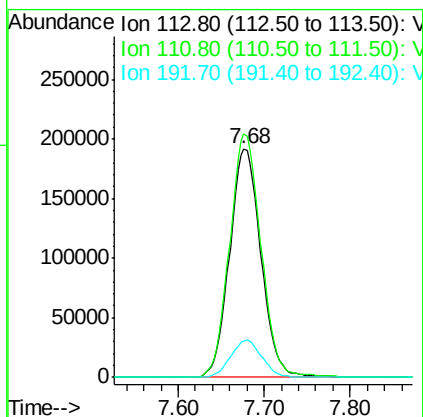
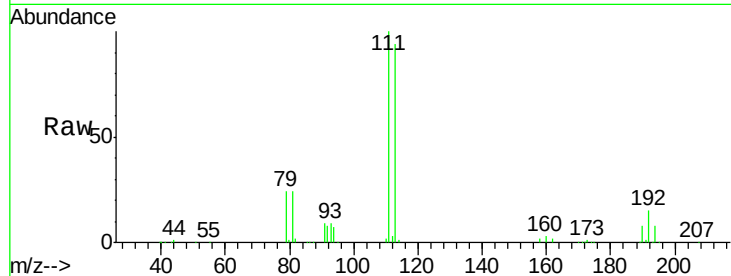




#36
 Dibromofluoromethane
 Concen: 51.05 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027283.D
 Acq: 18 Sep 2015 5:00

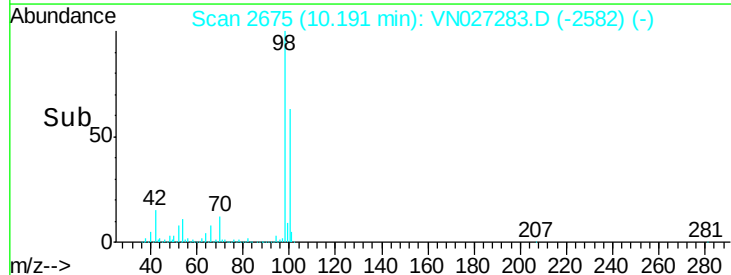
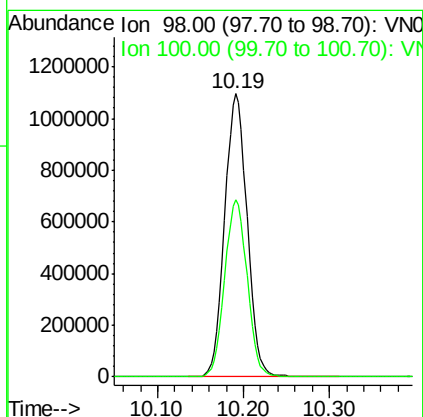
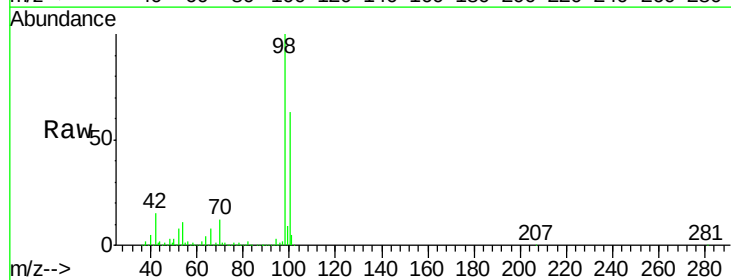
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

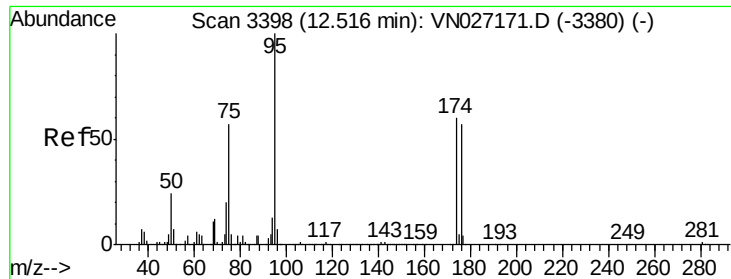
Tot Ion:113 Resp: 484435
 Ion Ratio Lower Upper
 113 100
 111 107.0 83.0 124.4
 192 16.4 14.1 21.1



#51
 Toluene-d8
 Concen: 53.56 ug/l
 RT: 10.19 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN027283.D
 Acq: 18 Sep 2015 5:00

Tgt Ion: 98 Resp: 1990285
 Ion Ratio Lower Upper
 98 100
 100 62.7 50.5 75.7

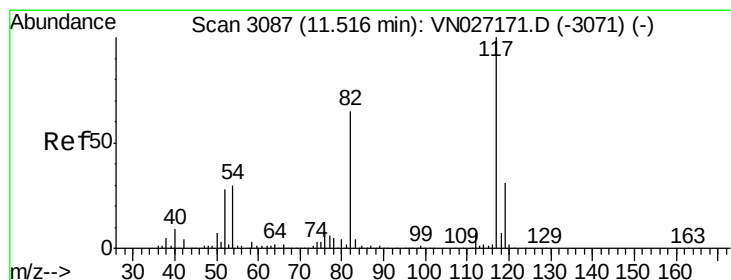
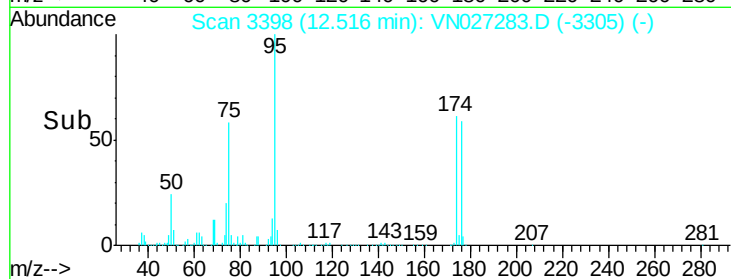
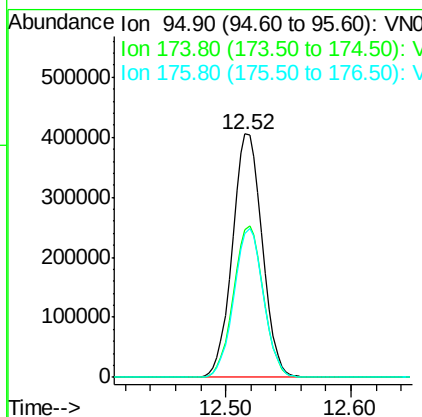
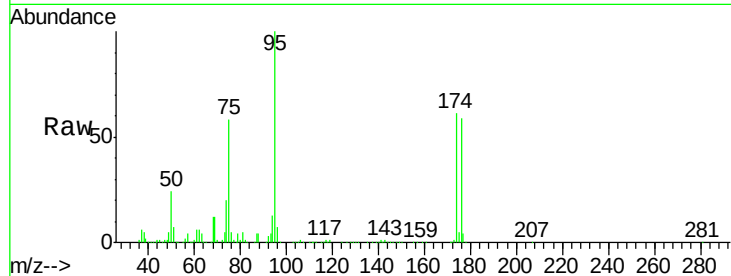




#63
4-Bromofluorobenzene
Concen: 50.82 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027283.D
Acq: 18 Sep 2015 5:00

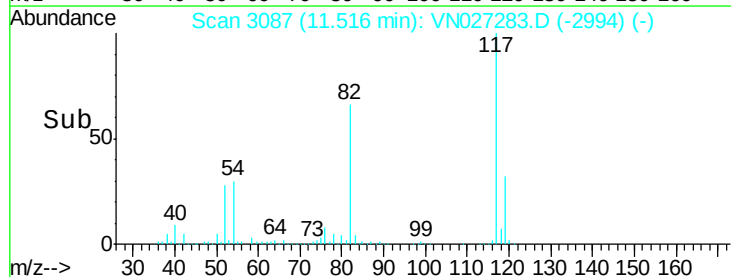
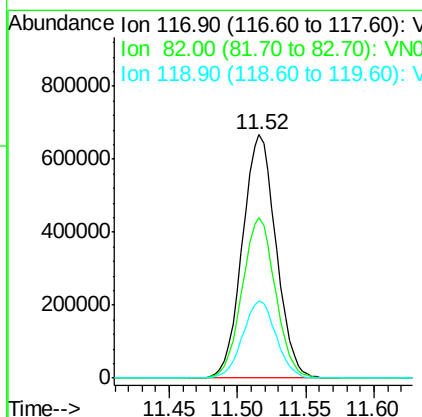
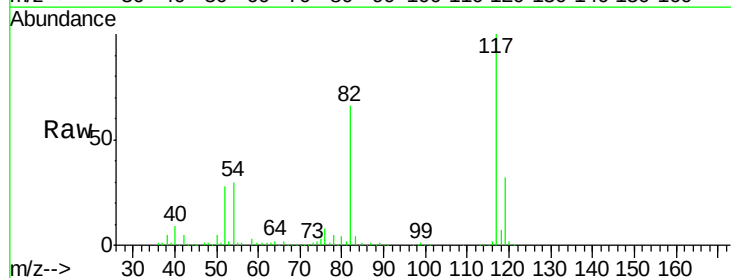
Instrument :
MSVOA_N
ClientSampled :
MW-7

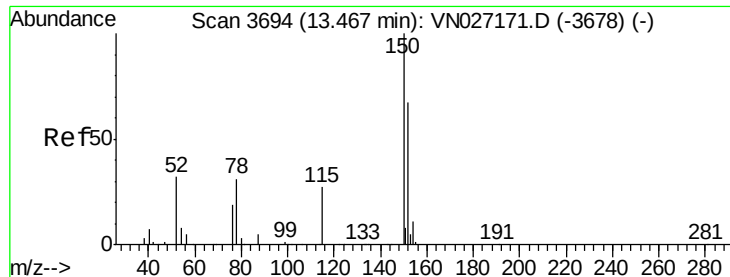
Tot Ion: 95 Resp: 670283
Ion Ratio Lower Upper
95 100
174 62.4 0.0 137.0
176 60.7 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027283.D
Acq: 18 Sep 2015 5:00

Tgt Ion: 117 Resp: 1143467
Ion Ratio Lower Upper
117 100
82 66.0 49.6 74.4
119 31.8 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: VN027283.D

Acq: 18 Sep 2015 5:00

Instrument :

MSVOA_N

ClientSampleId :

MW-7

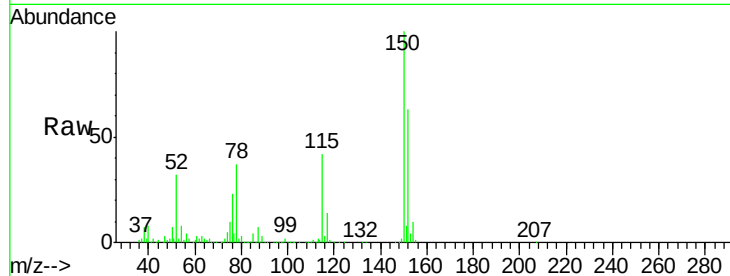
Tot Ion:152 Resp: 412120

Ion Ratio Lower Upper

152 100

115 67.0 30.8 92.3

150 159.6 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

