

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027280.D
 Acq On : 18 Sep 2015 3:38
 Operator : MD\FY
 Sample : G3706-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Sep 18 07:54:42 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

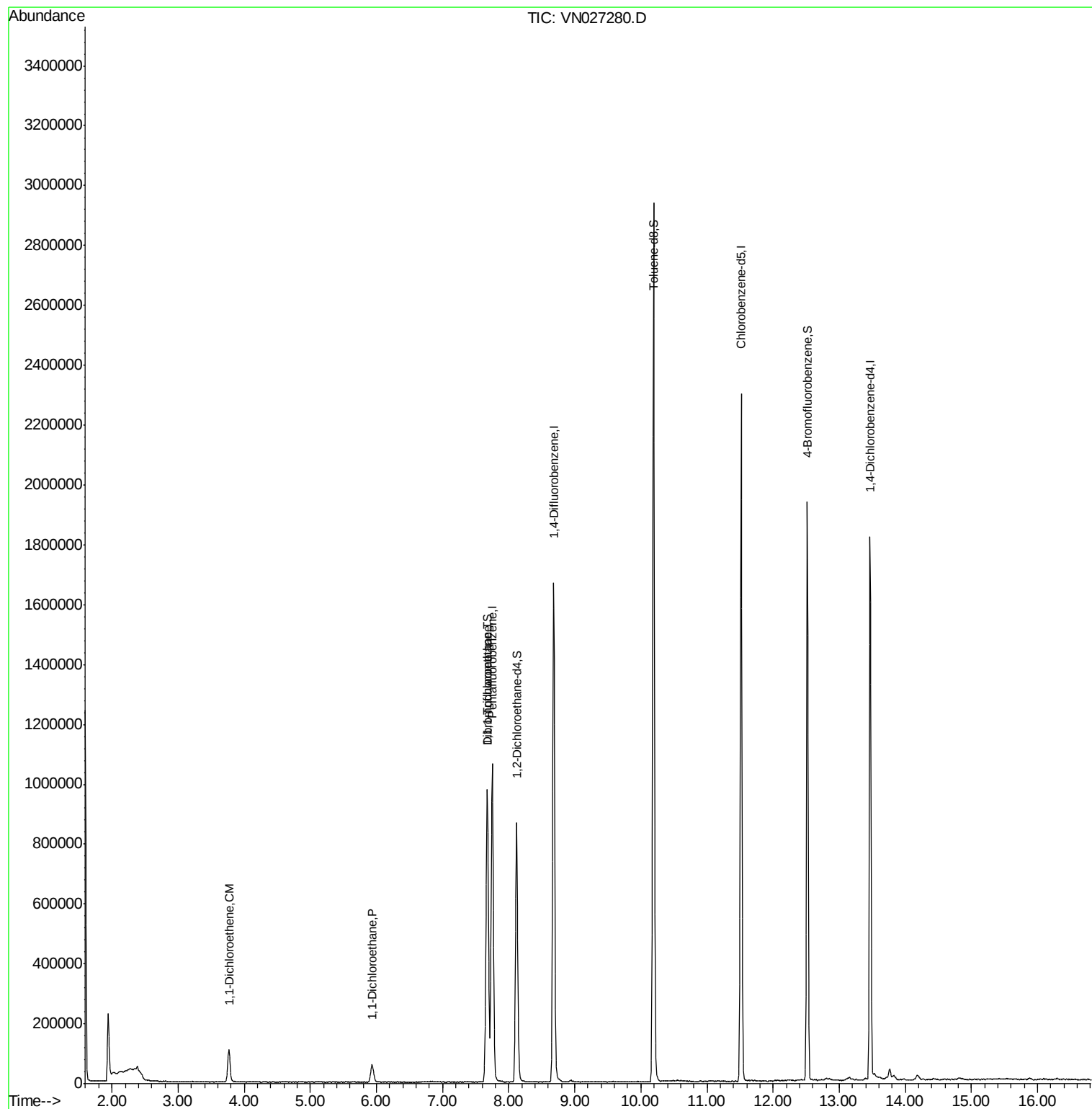
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	742935	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1356199	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1139940	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	407978	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	749581	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
36) Dibromofluoromethane	7.68	113	488385	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
51) Toluene-d8	10.19	98	1958309	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
63) 4-Bromofluorobenzene	12.52	95	666776	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
Target Compounds						
13) 1,1-Dichloroethene	3.77	96	51281	5.38	ug/l	97
25) 1,1-Dichloroethane	5.93	63	90500	3.85	ug/l	99
33) 1,1,1-Trichloroethane	7.67	97	279421	14.77	ug/l	96

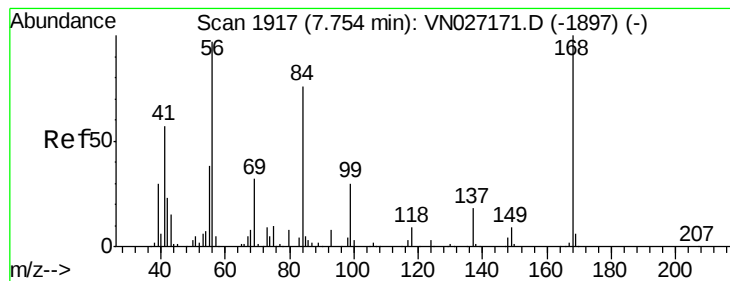
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1916

Delta R.T. -0.00 min

Lab File: VN027280.D

Acq: 18 Sep 2015 3:38

Instrument :

MSVOA_N

ClientSampleId :

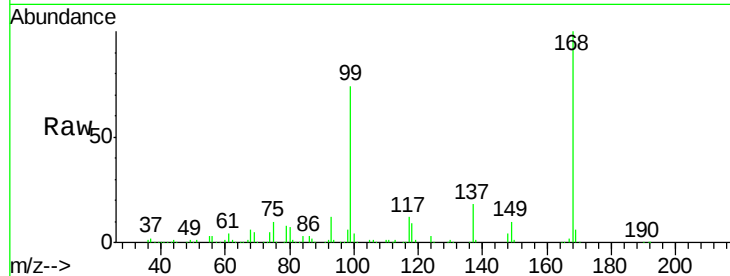
MW-3

Tot Ion:168 Resp: 742935

Ion Ratio Lower Upper

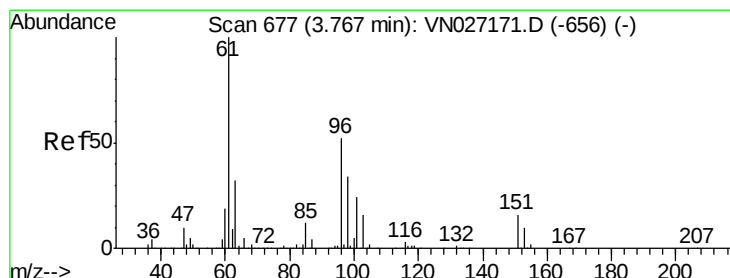
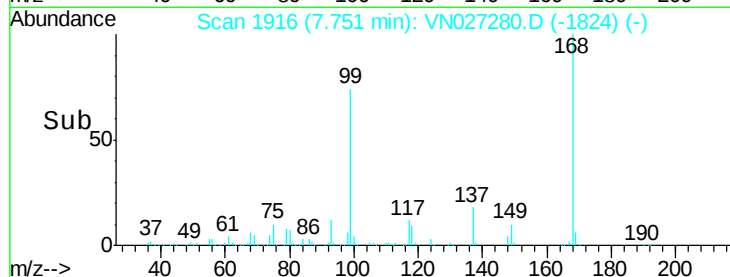
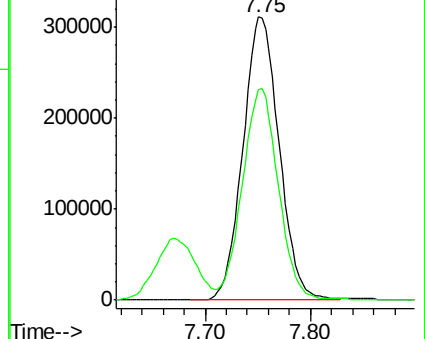
168 100

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



#13

1,1-Dichloroethene

Concen: 5.38 ug/l

RT: 3.77 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN027280.D

Acq: 18 Sep 2015 3:38

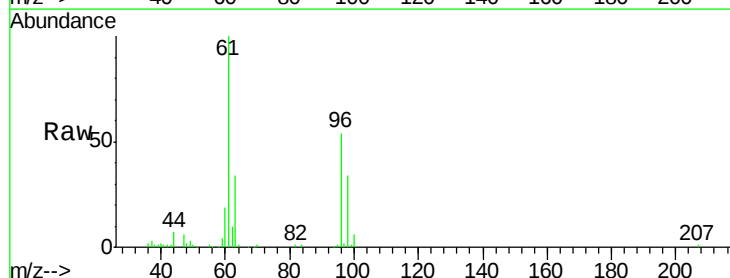
Tgt Ion: 96 Resp: 51281

Ion Ratio Lower Upper

96 100

61 185.1 143.8 215.8

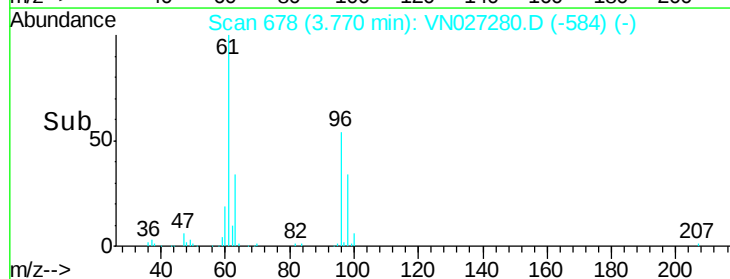
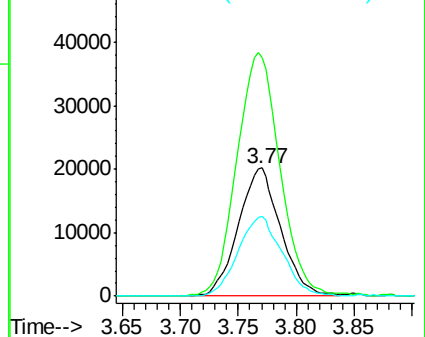
98 62.5 50.3 75.5

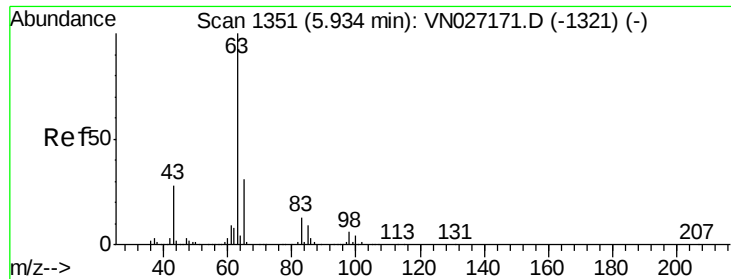


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#25

1,1-Dichloroethane

Concen: 3.85 ug/l

RT: 5.93 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VN027280.D

Acq: 18 Sep 2015 3:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3

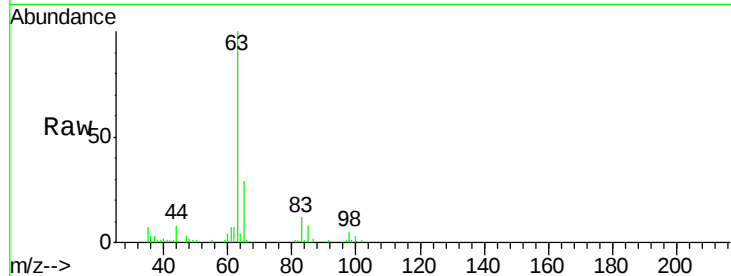
Tot Ion: 63 Resp: 90500

Ion Ratio Lower Upper

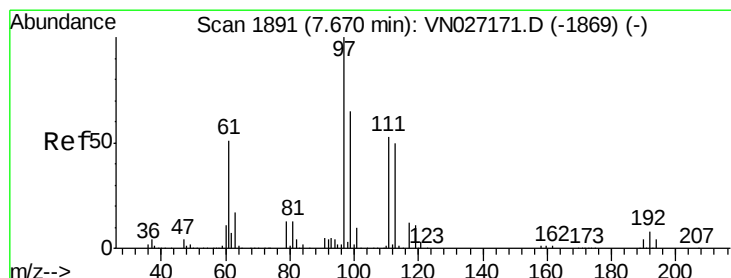
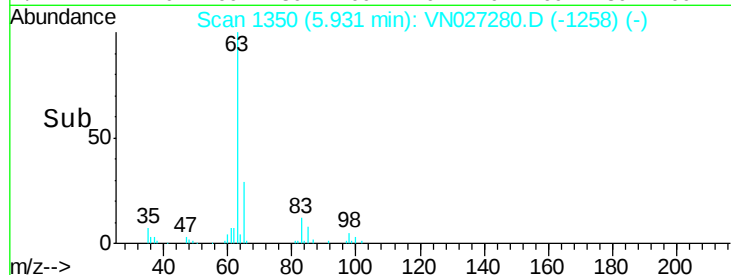
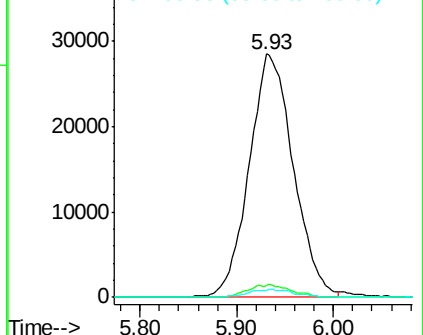
63 100

98 4.9 2.8 8.3

100 3.0 1.7 5.0



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0



#33

1,1,1-Trichloroethane

Concen: 14.77 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN027280.D

Acq: 18 Sep 2015 3:38

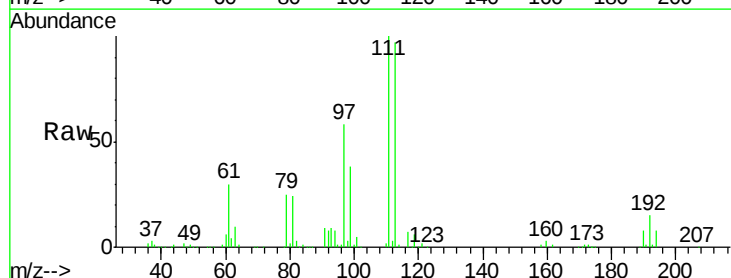
Tgt Ion: 97 Resp: 279421

Ion Ratio Lower Upper

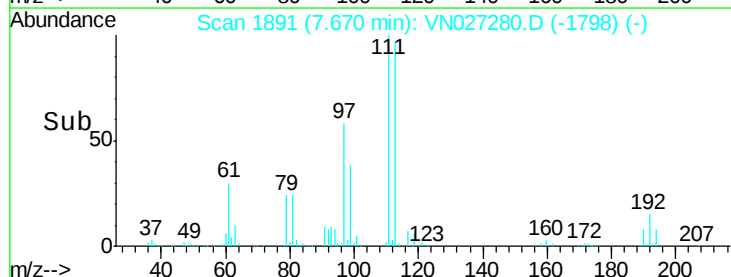
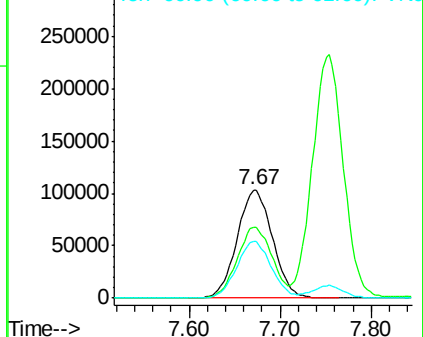
97 100

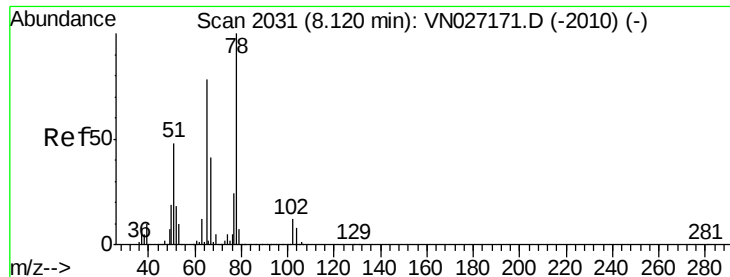
99 64.6 50.1 75.1

61 51.1 44.0 66.0



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#34

1,2-Dichloroethane-d4

Concen: 49.24 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027280.D

Acq: 18 Sep 2015 3:38

Instrument :

MSVOA_N

ClientSampled :

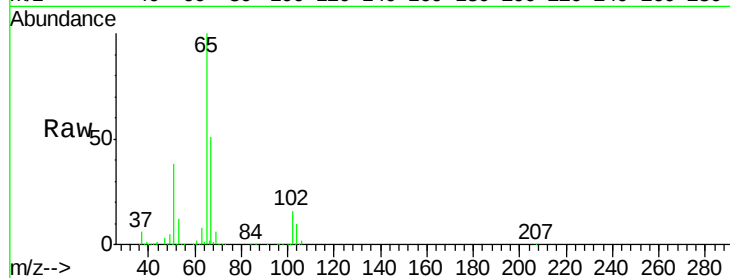
MW-3

Tot Ion: 65 Resp: 749581

Ion Ratio Lower Upper

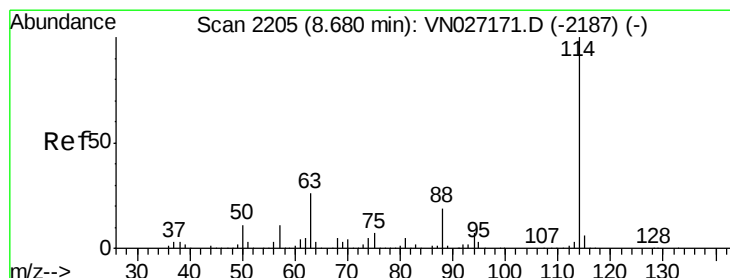
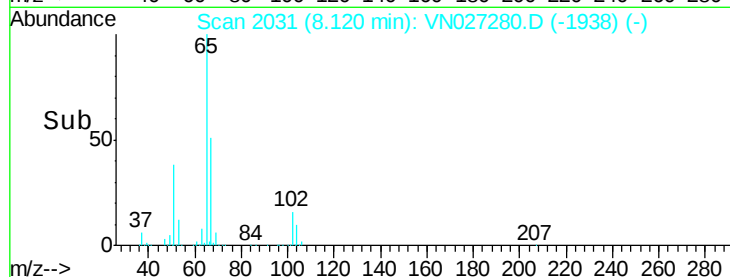
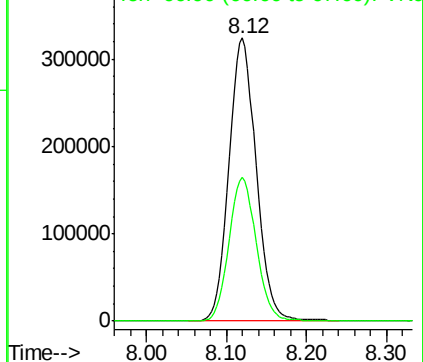
65 100

67 50.9 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# 2206

Delta R.T. 0.00 min

Lab File: VN027280.D

Acq: 18 Sep 2015 3:38

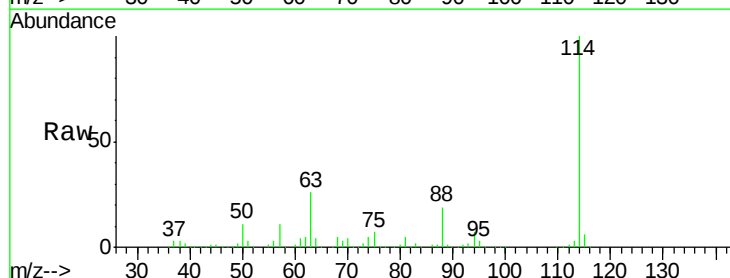
Tgt Ion: 114 Resp: 1356199

Ion Ratio Lower Upper

114 100

63 26.4 0.0 48.8

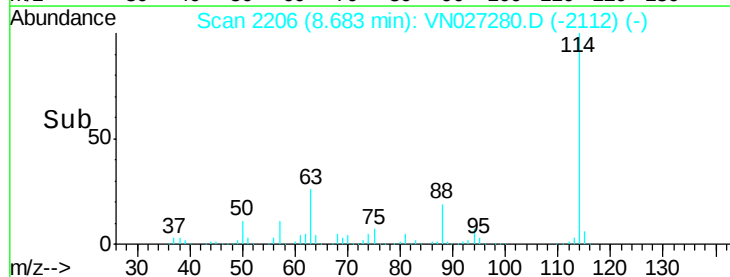
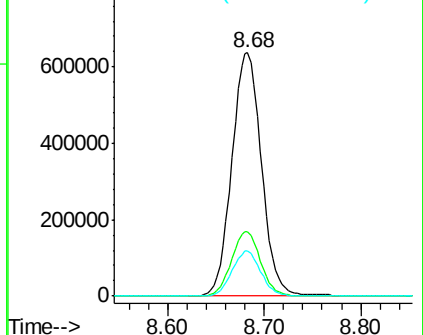
88 18.6 0.0 32.2

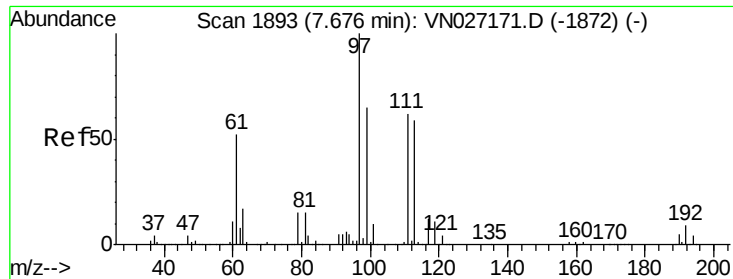


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

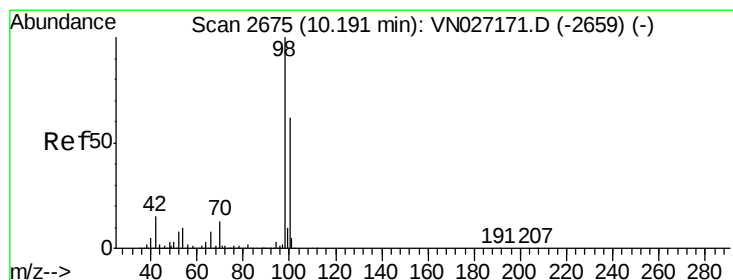
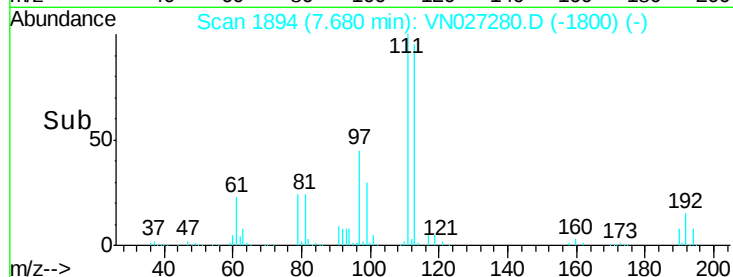
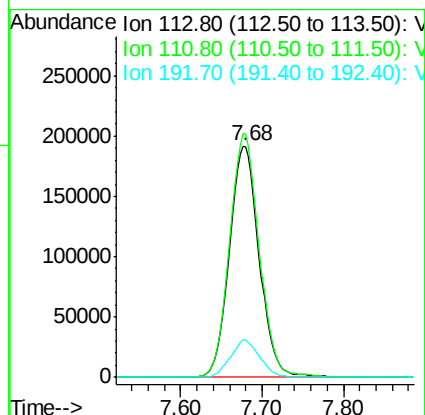
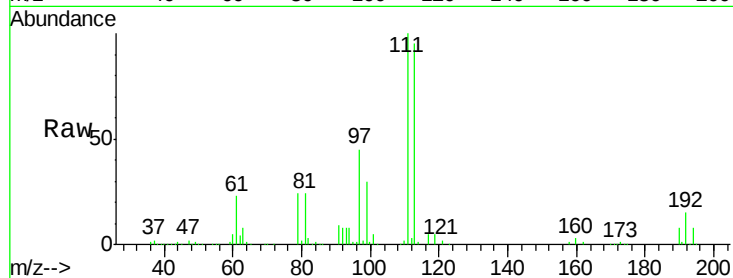




#36
 Dibromofluoromethane
 Concen: 51.95 ug/l
 RT: 7.68 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: VN027280.D
 Acq: 18 Sep 2015 3:38

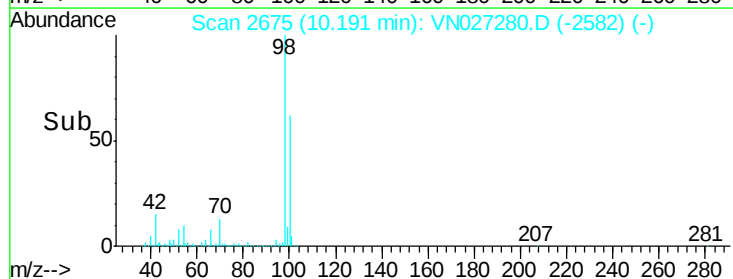
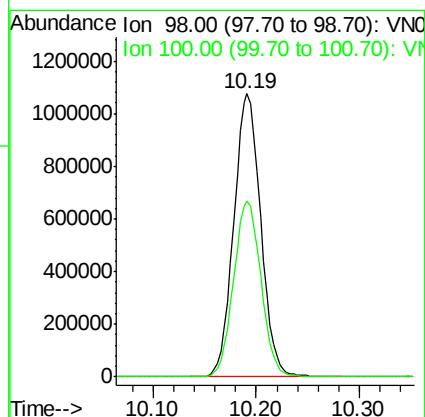
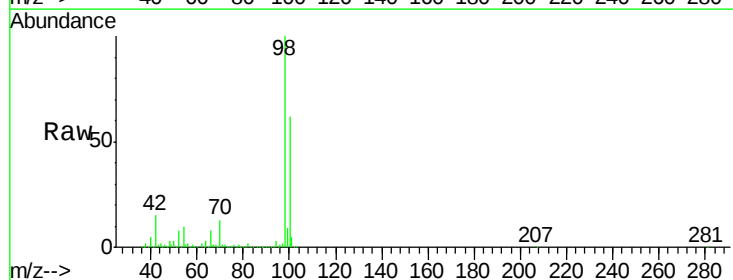
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

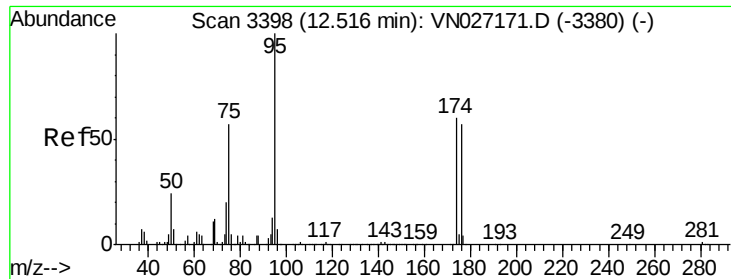
Tot Ion:113 Resp: 488385
 Ion Ratio Lower Upper
 113 100
 111 105.5 83.0 124.4
 192 15.9 14.1 21.1



#51
 Toluene-d8
 Concen: 53.20 ug/l
 RT: 10.19 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN027280.D
 Acq: 18 Sep 2015 3:38

Tgt Ion: 98 Resp: 1958309
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.5 75.7

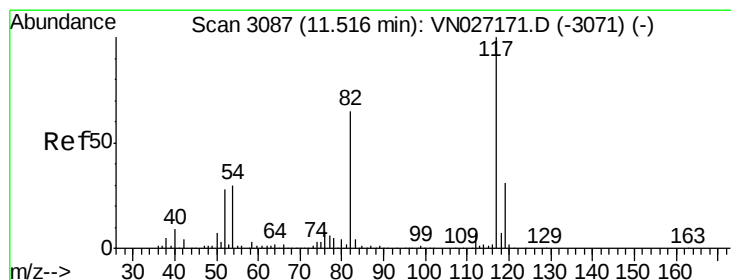
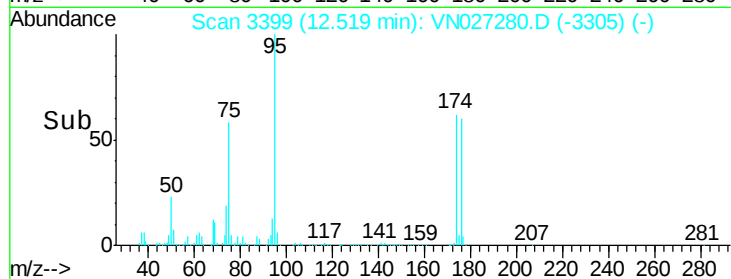
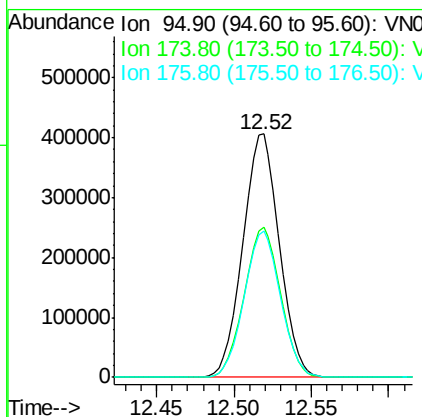
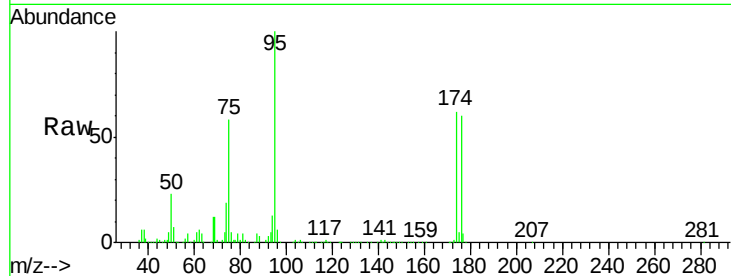




#63
4-Bromofluorobenzene
Concen: 51.04 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027280.D
Acq: 18 Sep 2015 3:38

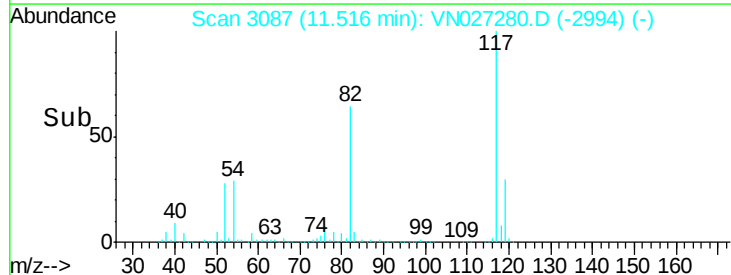
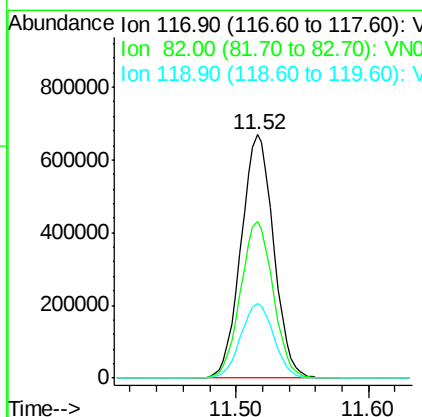
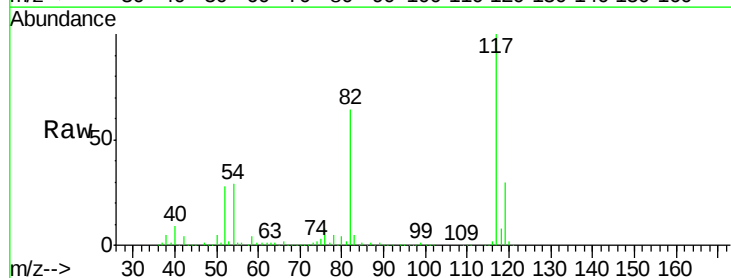
Instrument :
MSVOA_N
ClientSampled :
MW-3

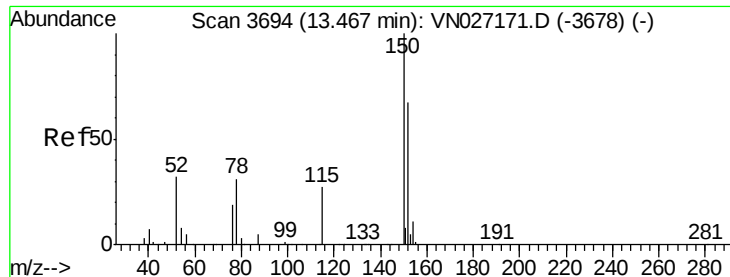
Tot Ion: 95 Resp: 666776
Ion Ratio Lower Upper
95 100
174 61.7 0.0 137.0
176 60.0 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027280.D
Acq: 18 Sep 2015 3:38

Tgt Ion: 117 Resp: 1139940
Ion Ratio Lower Upper
117 100
82 64.1 49.6 74.4
119 30.5 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: VN027280.D

Acq: 18 Sep 2015 3:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3

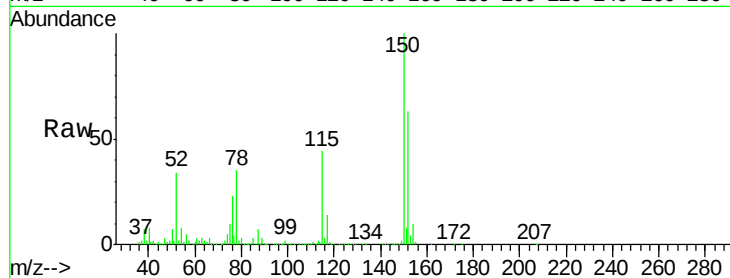
Tot Ion:152 Resp: 407978

Ion Ratio Lower Upper

152 100

115 68.0 30.8 92.3

150 156.7 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

