

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027287.D
 Acq On : 18 Sep 2015 6:51
 Operator : MD\FY
 Sample : G3706-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01

Quant Time: Sep 18 08:18:05 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

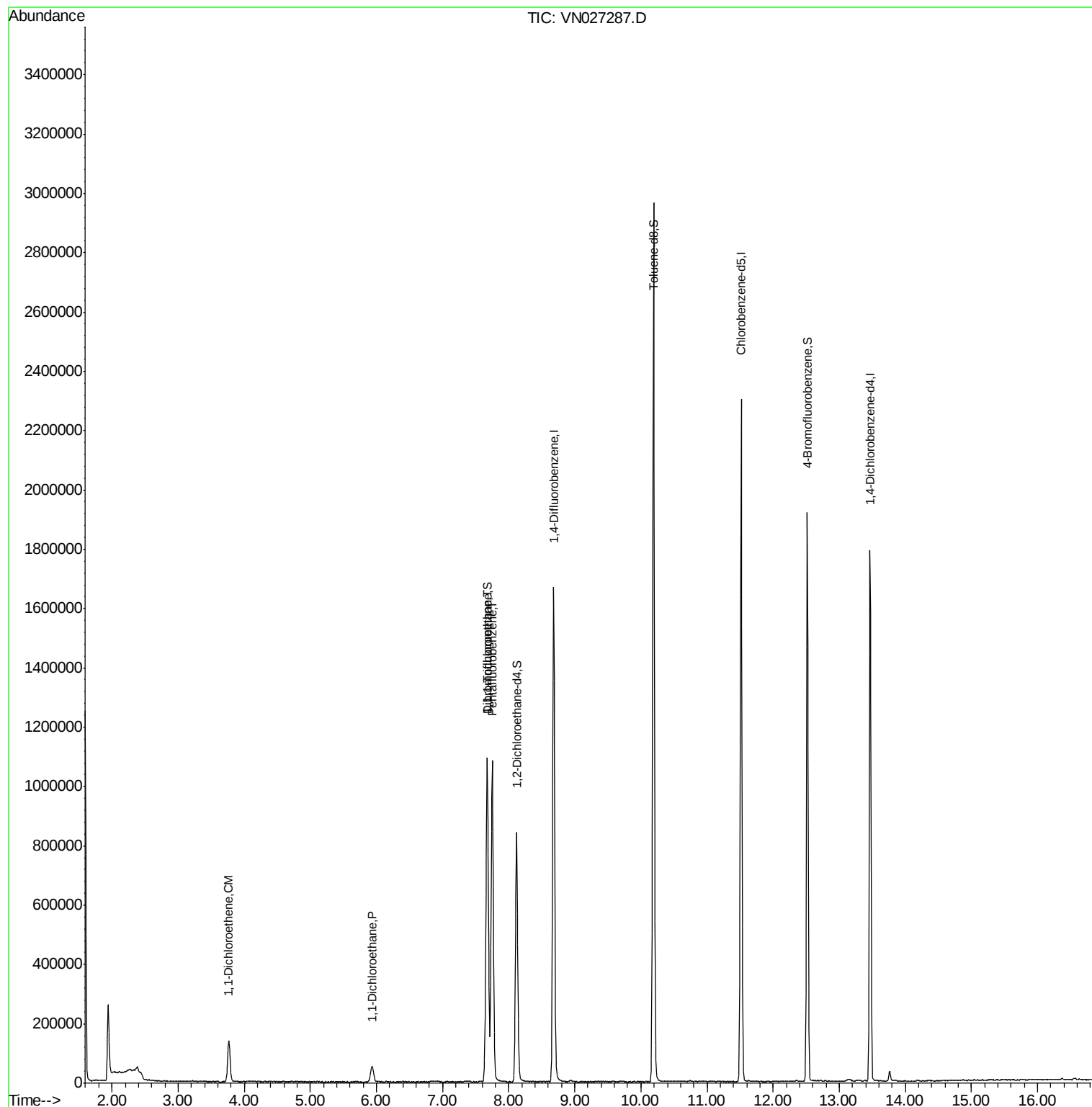
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	749120	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1336068	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1134986	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	408784	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	733769	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
36) Dibromofluoromethane	7.68	113	480406	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
51) Toluene-d8	10.19	98	1965894	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
63) 4-Bromofluorobenzene	12.52	95	661428	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
Target Compounds						
13) 1,1-Dichloroethene	3.77	96	68508	7.12	ug/l	Qvalue 88
25) 1,1-Dichloroethane	5.93	63	81458	3.44	ug/l	98
33) 1,1,1-Trichloroethane	7.67	97	377160	19.77	ug/l	97

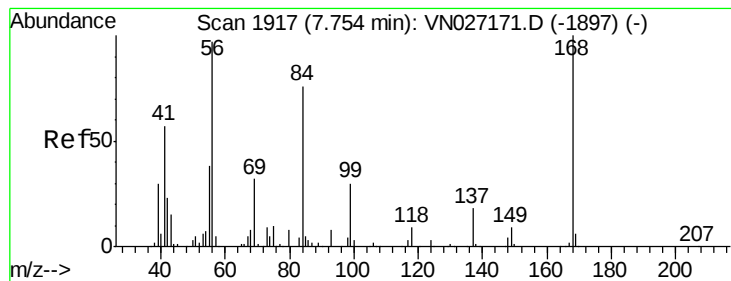
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN027287.D

Acq: 18 Sep 2015 6:51

Instrument :

MSVOA_N

ClientSampled :

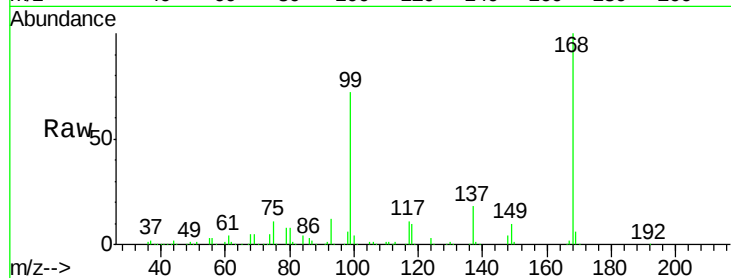
DUP-01

Tot Ion:168 Resp: 749120

Ion Ratio Lower Upper

168 100

99 71.7 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

300000

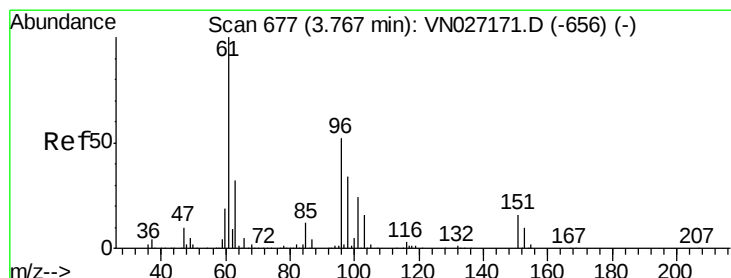
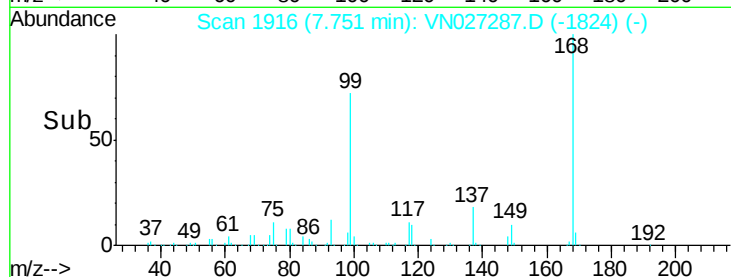
200000

100000

0

7.70 7.80

Time-->



#13

1,1-Dichloroethene

Concen: 7.12 ug/l

RT: 3.77 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN027287.D

Acq: 18 Sep 2015 6:51

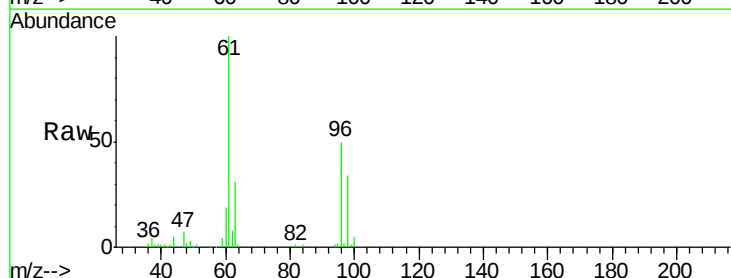
Tgt Ion: 96 Resp: 68508

Ion Ratio Lower Upper

96 100

61 199.5 143.8 215.8

98 67.4 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

60000

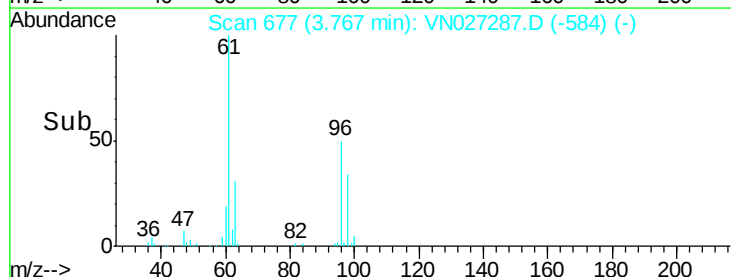
40000

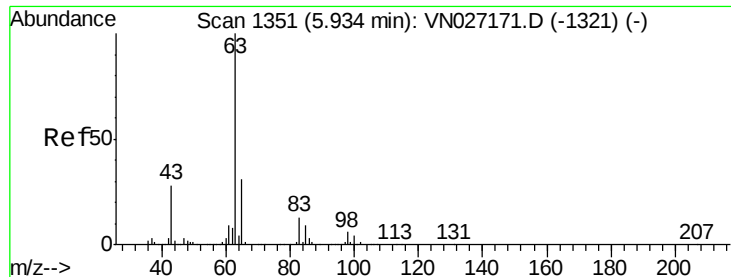
20000

0

3.65 3.70 3.75 3.80 3.85

Time-->





#25

1,1-Dichloroethane

Concen: 3.44 ug/l

RT: 5.93 min Scan# 1351

Delta R.T. 0.00 min

Lab File: VN027287.D

Acq: 18 Sep 2015 6:51

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

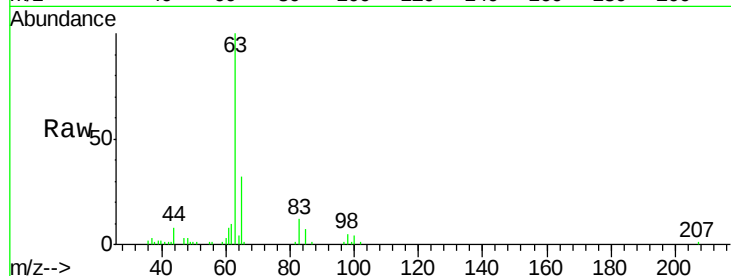
Tot Ion: 63 Resp: 81458

Ion Ratio Lower Upper

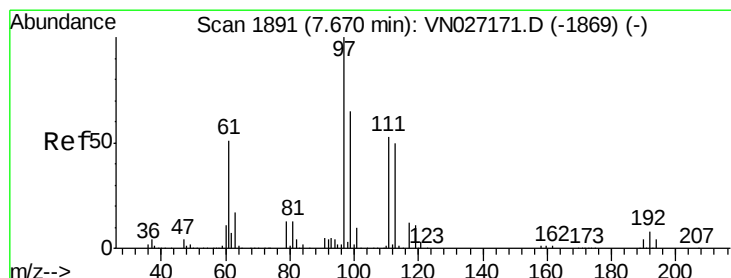
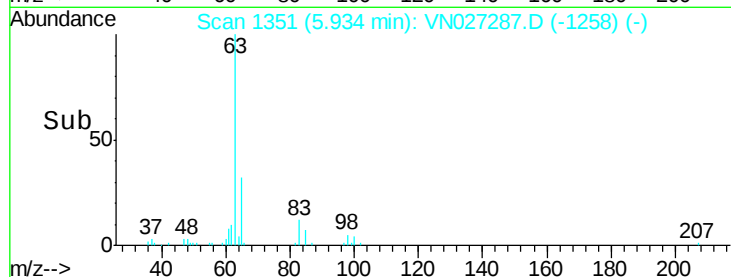
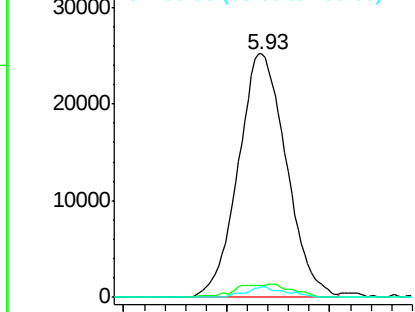
63 100

98 5.0 2.8 8.3

100 4.3 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: 19.77 ug/l

RT: 7.67 min Scan# 1892

Delta R.T. 0.00 min

Lab File: VN027287.D

Acq: 18 Sep 2015 6:51

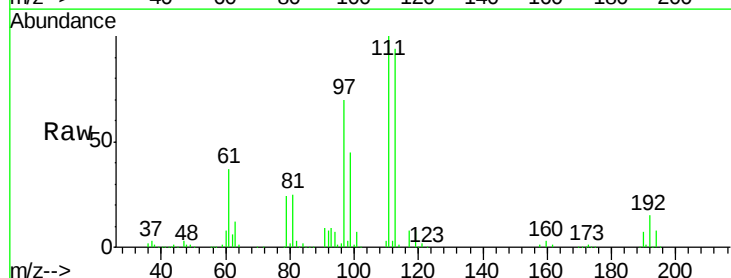
Tgt Ion: 97 Resp: 377160

Ion Ratio Lower Upper

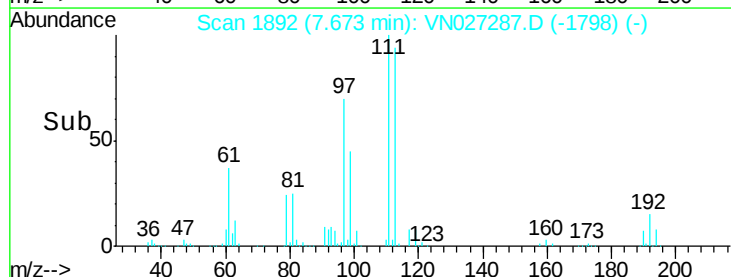
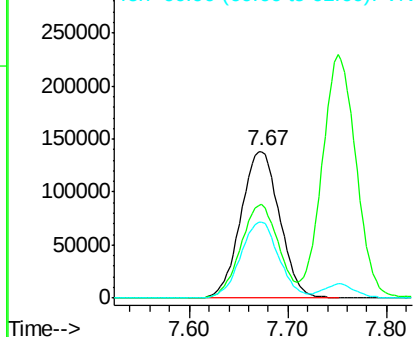
97 100

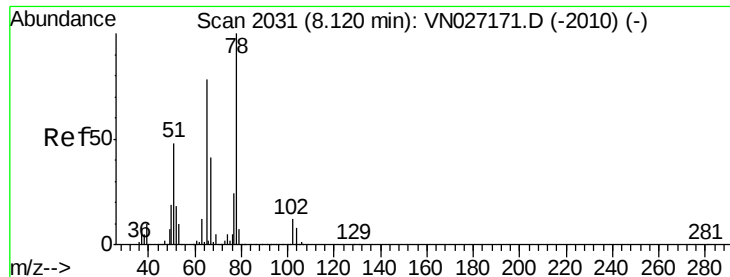
99 62.0 50.1 75.1

61 51.0 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: 47.81 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027287.D

Acq: 18 Sep 2015 6:51

Instrument :

MSVOA_N

ClientSampled :

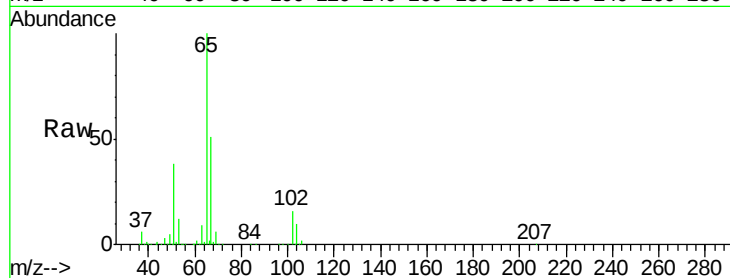
DUP-01

Tot Ion: 65 Resp: 733769

Ion Ratio Lower Upper

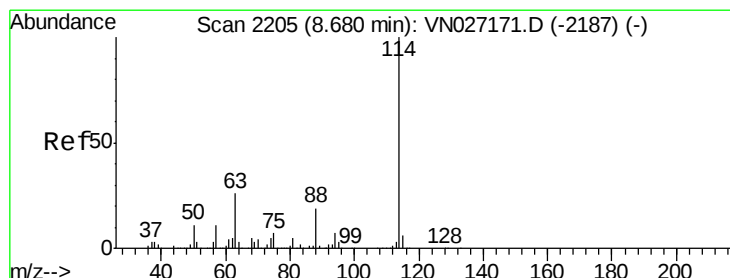
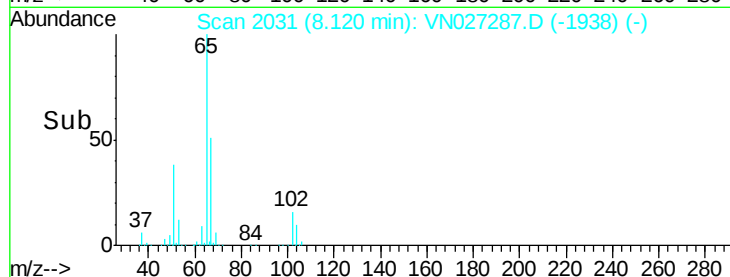
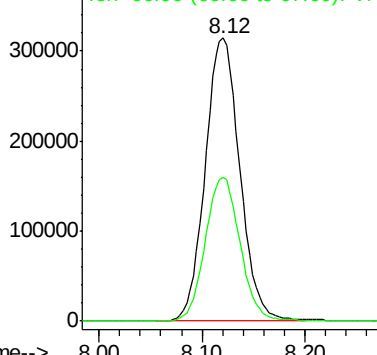
65 100

67 51.2 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: VN027287.D

Acq: 18 Sep 2015 6:51

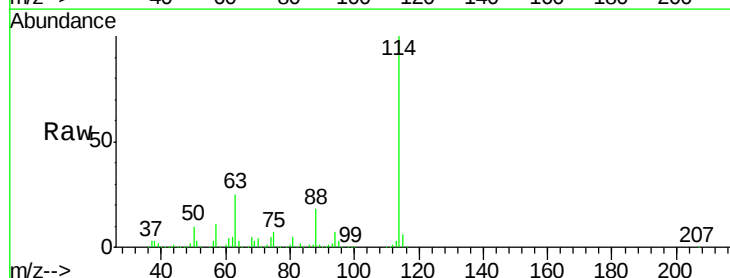
Tgt Ion: 114 Resp: 1336068

Ion Ratio Lower Upper

114 100

63 25.2 0.0 48.8

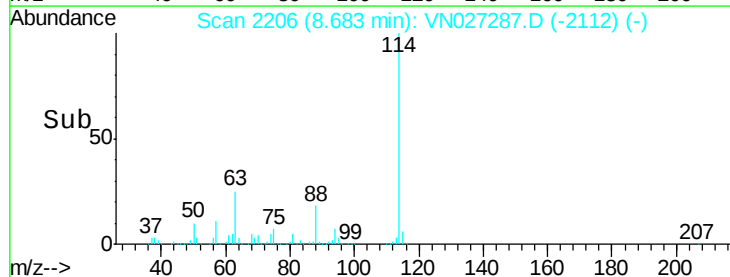
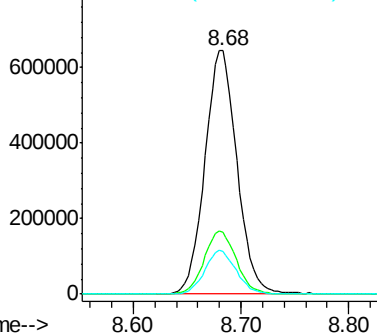
88 17.7 0.0 32.2

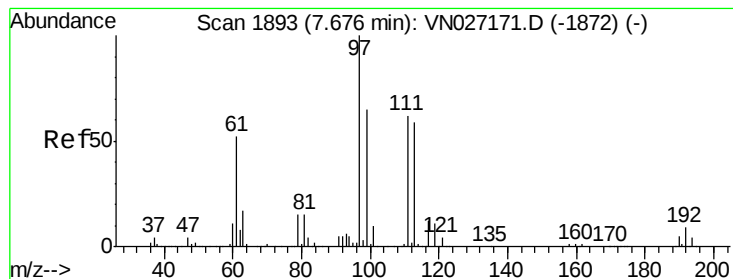


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#36

Dibromofluoromethane

Concen: 51.87 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027287.D

Acq: 18 Sep 2015 6:51

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

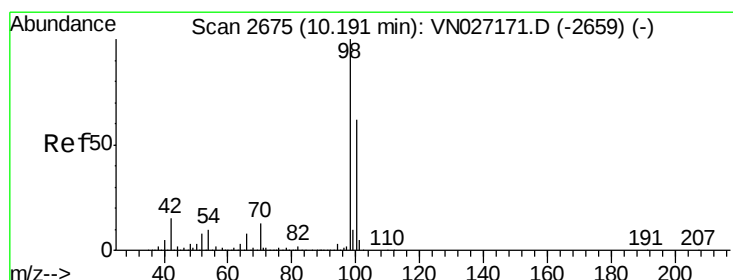
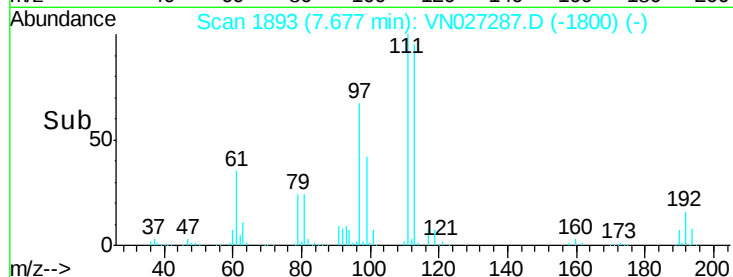
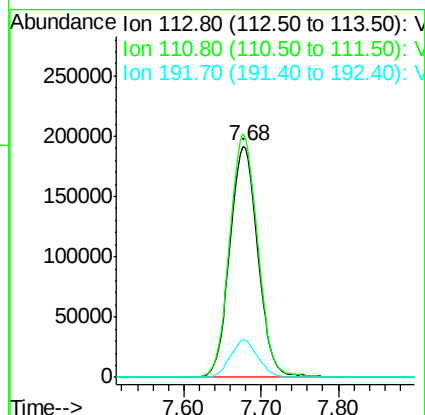
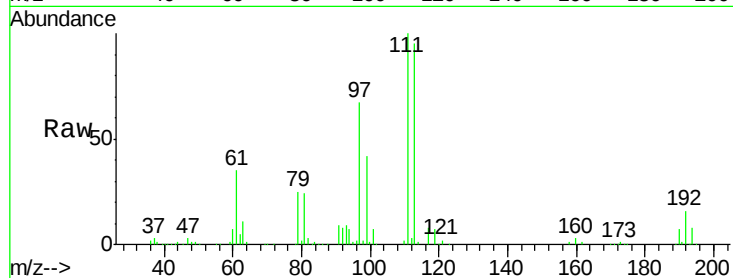
Tot Ion:113 Resp: 480406

Ion Ratio Lower Upper

113 100

111 105.7 83.0 124.4

192 16.0 14.1 21.1



#51

Toluene-d8

Concen: 54.21 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027287.D

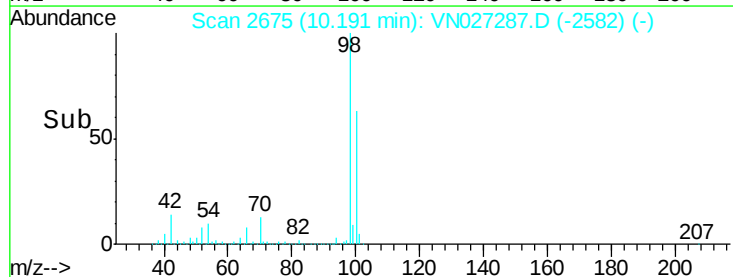
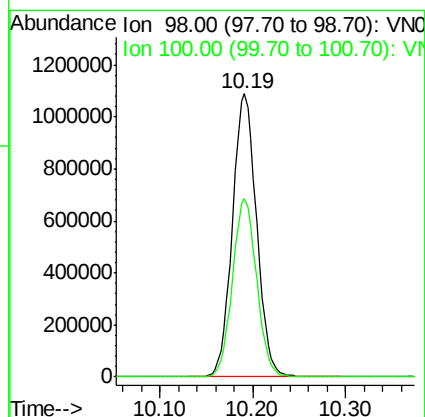
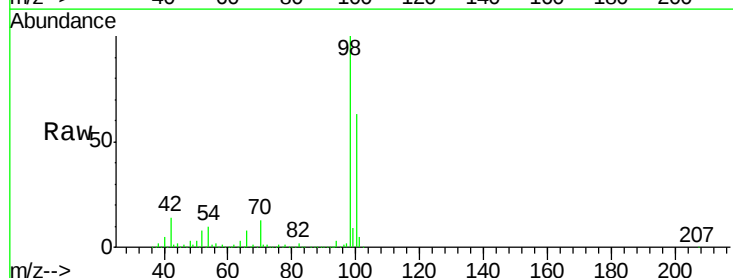
Acq: 18 Sep 2015 6:51

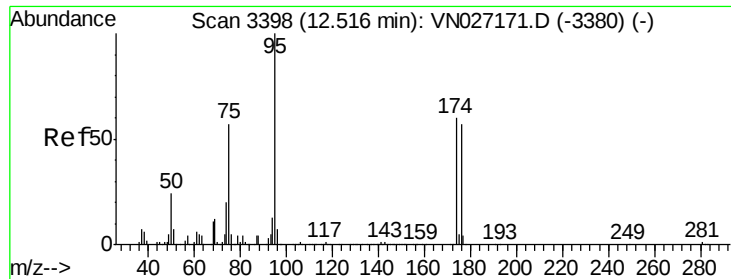
Tgt Ion: 98 Resp: 1965894

Ion Ratio Lower Upper

98 100

100 63.0 50.5 75.7

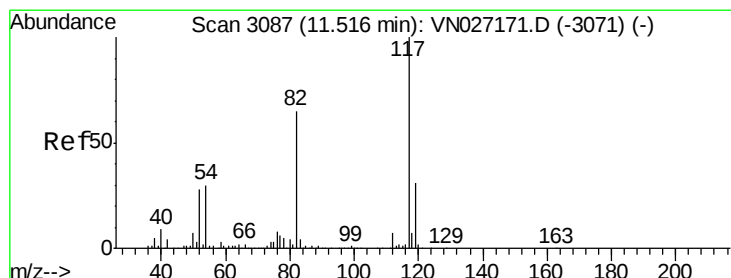
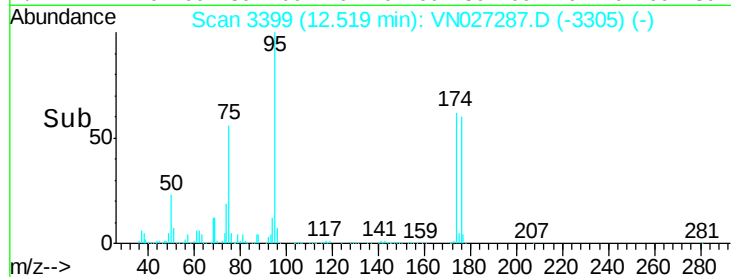
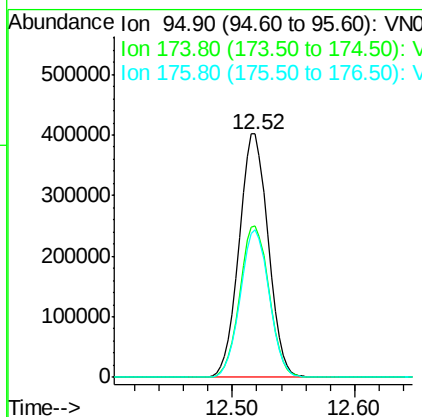
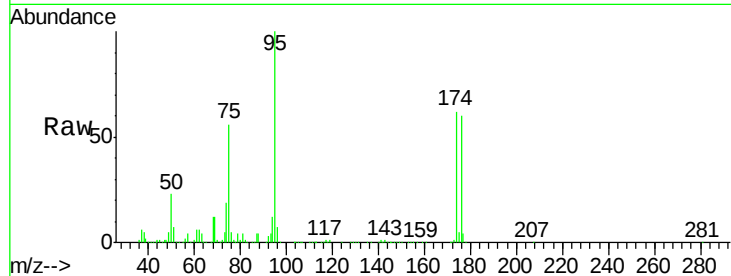




#63
4-Bromofluorobenzene
Concen: 51.39 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027287.D
Acq: 18 Sep 2015 6:51

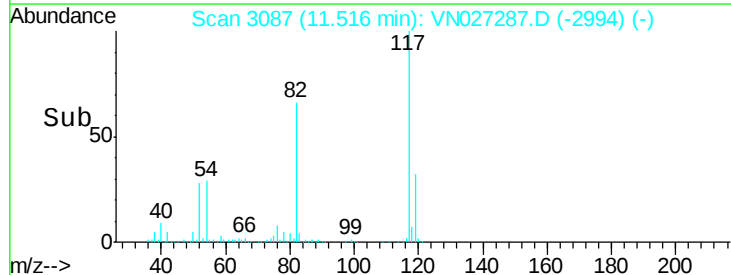
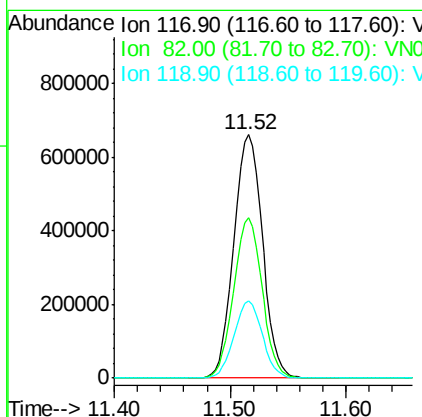
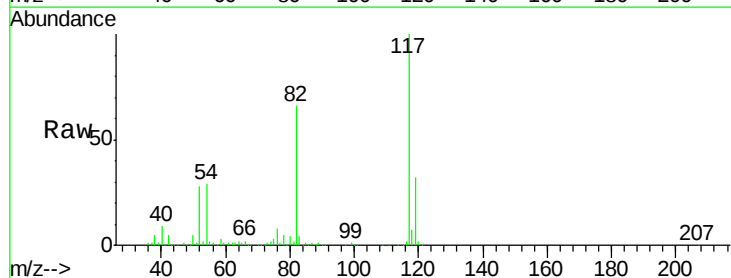
Instrument :
MSVOA_N
ClientSampled :
DUP-01

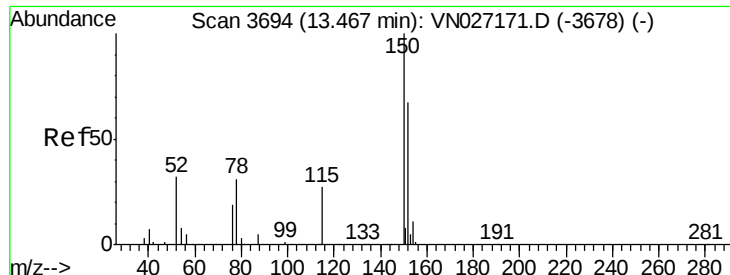
Tot Ion: 95 Resp: 661428
Ion Ratio Lower Upper
95 100
174 62.6 0.0 137.0
176 60.2 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027287.D
Acq: 18 Sep 2015 6:51

Tgt Ion: 117 Resp: 1134986
Ion Ratio Lower Upper
117 100
82 65.7 49.6 74.4
119 31.7 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: VN027287.D

Acq: 18 Sep 2015 6:51

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

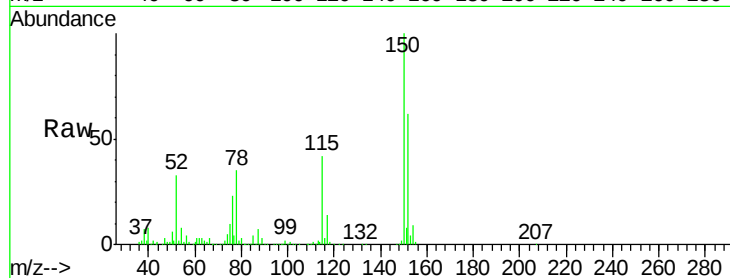
Tot Ion:152 Resp: 408784

Ion Ratio Lower Upper

152 100

115 66.9 30.8 92.3

150 157.2 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

