

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027286.D
 Acq On : 18 Sep 2015 6:23
 Operator : MD\FY
 Sample : G3706-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:24:32 PM

Quant Time: Sep 18 12:06:02 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	757029	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1363313	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1143932	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	413123	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	751456	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
36) Dibromofluoromethane	7.68	113	488880	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
51) Toluene-d8	10.19	98	1991109	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
63) 4-Bromofluorobenzene	12.52	95	676735	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
Target Compounds						
25) 1,1-Dichloroethane	5.94	63	18671m	0.78	ug/l	Qvalue
96) Naphthalene	15.29	128	21344	0.89	ug/l	99

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

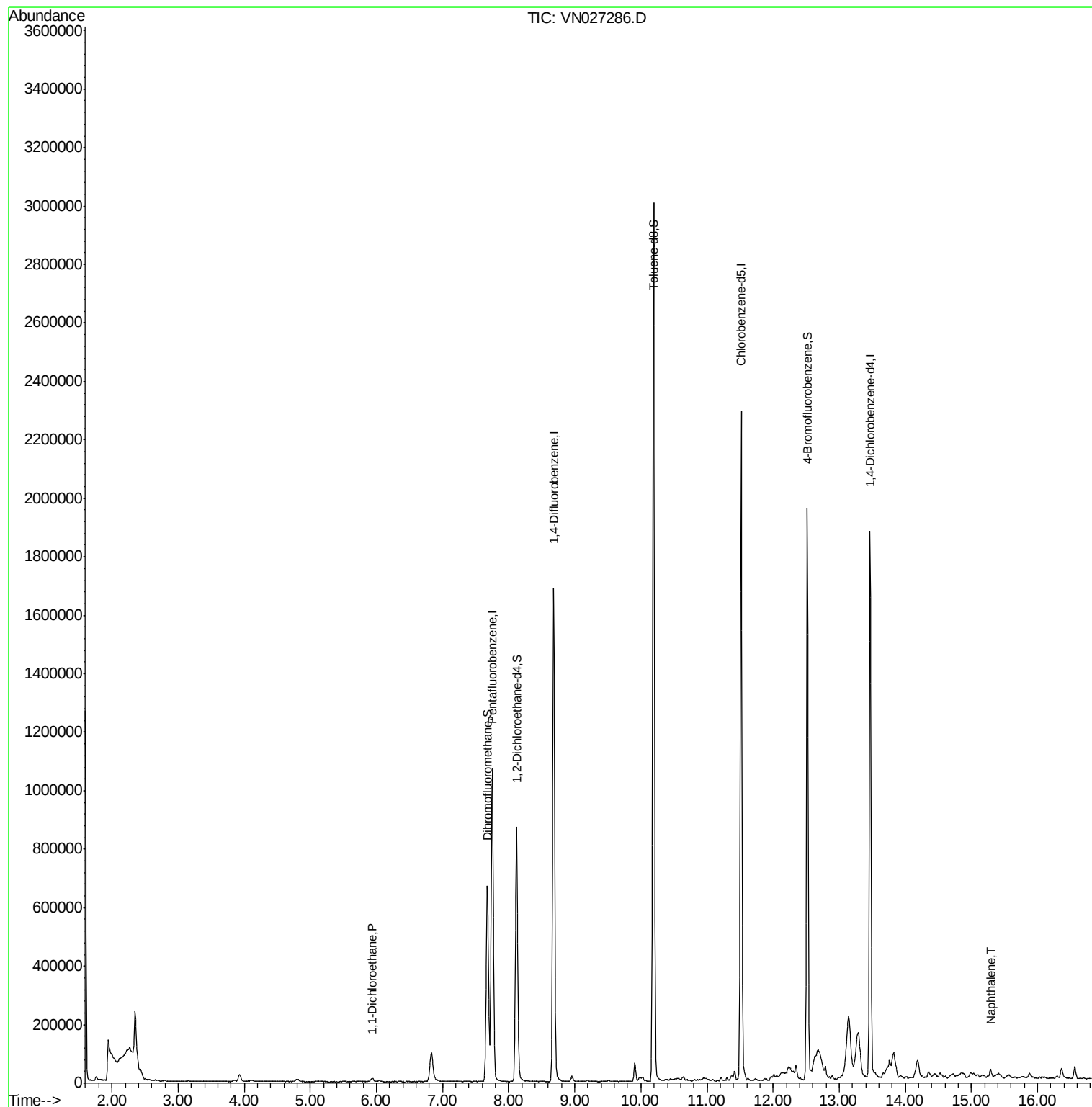
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
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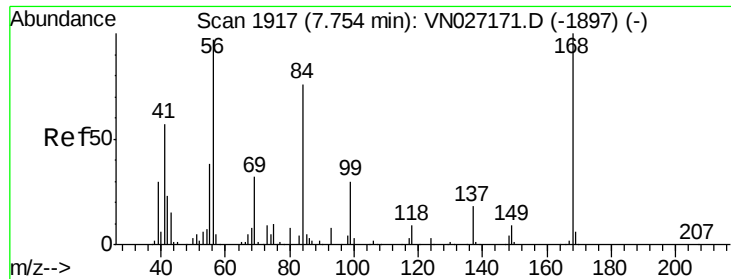
Instrument :
MSVOA_N
ClientSampleId :
MW-10

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Quant Time: Sep 18 12:06:02 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027286.D

Acq: 18 Sep 2015 6:23

Instrument :

MSVOA_N

ClientSampled :

MW-10

Tot Ion:168 Resp: 757029

Ion Ratio Lower Upper

168 100

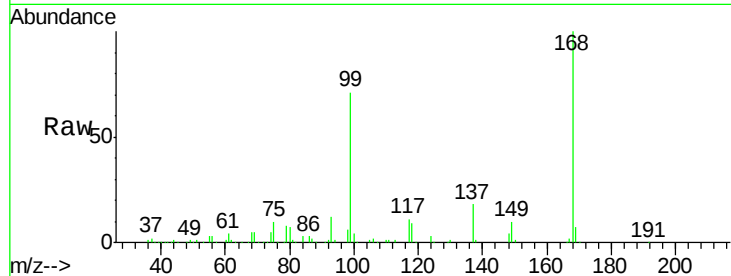
99 70.7 50.4 75.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

300000

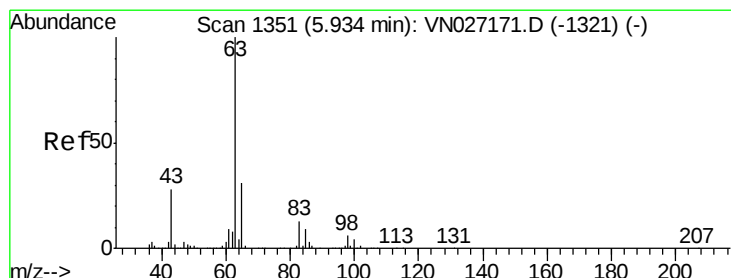
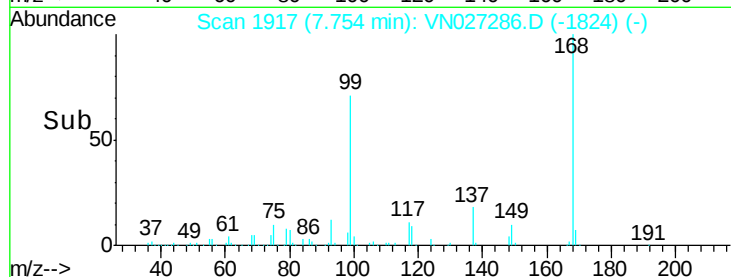
200000

100000

0

7.70 7.80 7.90

Time-->



#25

1,1-Dichloroethane

Concen: 0.78 ug/l m

RT: 5.94 min Scan# 1353

Delta R.T. 0.01 min

Lab File: VN027286.D

Acq: 18 Sep 2015 6:23

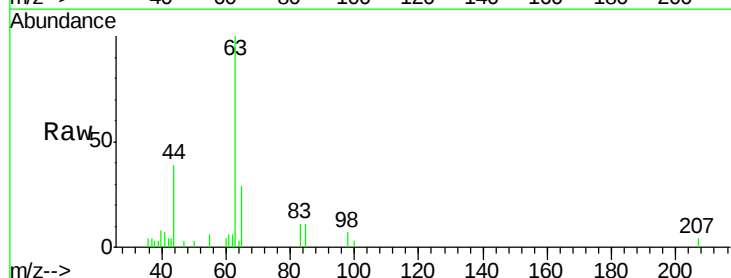
Tgt Ion: 63 Resp: 18671

Ion Ratio Lower Upper

63 100

98 7.5 2.8 8.3

100 3.0 1.7 5.0



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

Ion 99.90 (99.60 to 100.60): VNO

5.94

8000

6000

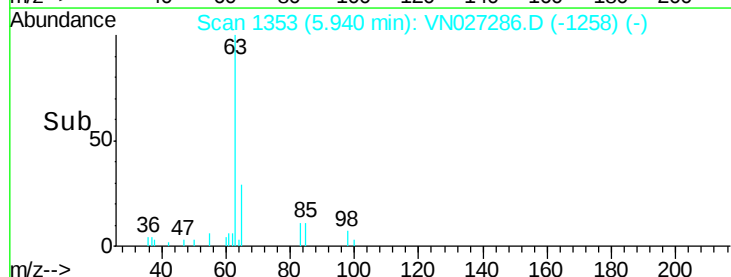
4000

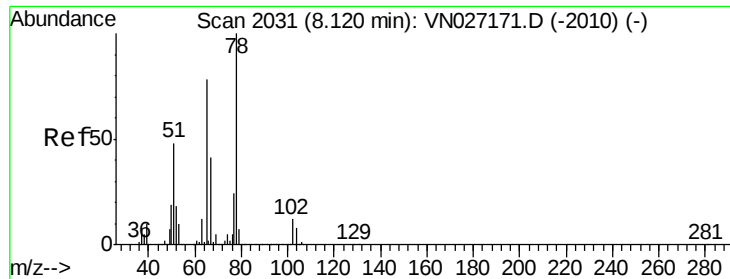
2000

0

5.80 5.90 6.00

Time-->





#34

1,2-Dichloroethane-d4

Concen: 48.45 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027286.D

Acq: 18 Sep 2015 6:23

Instrument :

MSVOA_N

ClientSampled :

MW-10

Tot Ion: 65 Resp: 751456

Ion Ratio Lower Upper

65 100

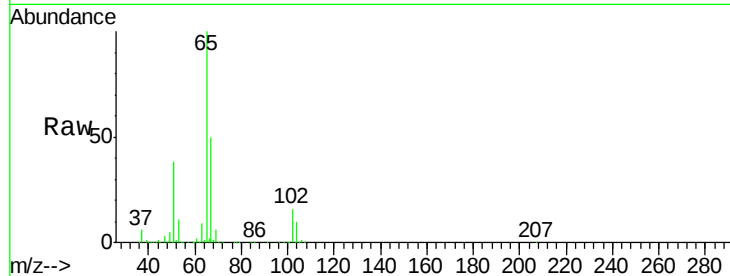
67 50.4 0.0 110.6

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Abundance Ion 64.90 (64.60 to 65.60): VN027286.D (-1938) (-)

Ion 66.90 (66.60 to 67.60): VN027286.D (-1938) (-)

8.12

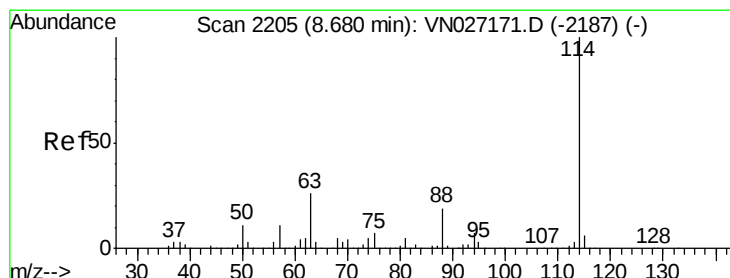
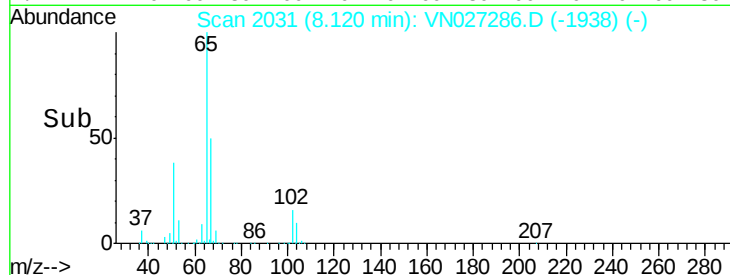
300000

200000

100000

0

Time-->



#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VN027286.D

Acq: 18 Sep 2015 6:23

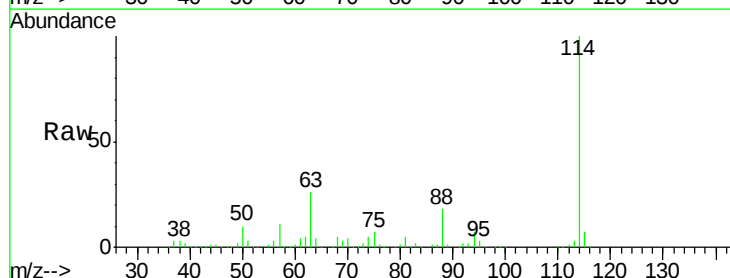
Tgt Ion: 114 Resp: 1363313

Ion Ratio Lower Upper

114 100

63 25.6 0.0 48.8

88 18.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN027286.D (-2112) (-)

Ion 63.00 (62.70 to 63.70): VN027286.D (-2112) (-)

Ion 87.90 (87.60 to 88.60): VN027286.D (-2112) (-)

8.68

800000

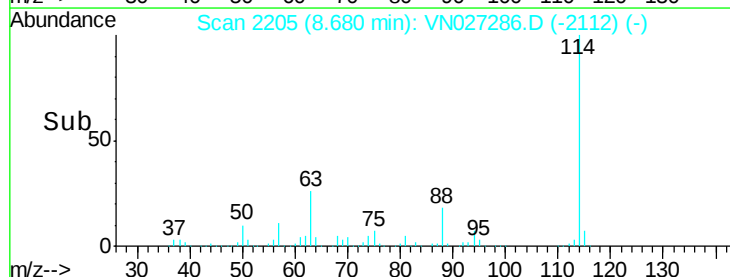
600000

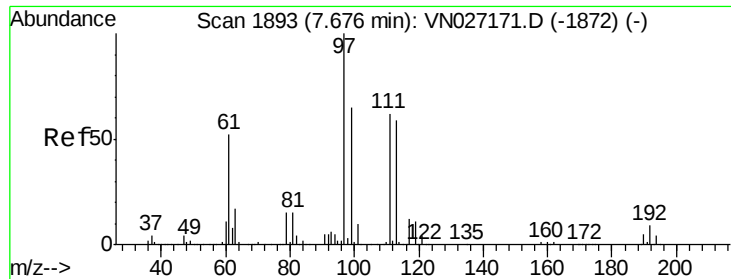
400000

200000

0

Time-->





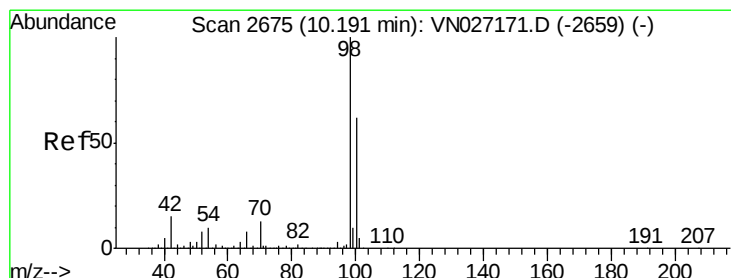
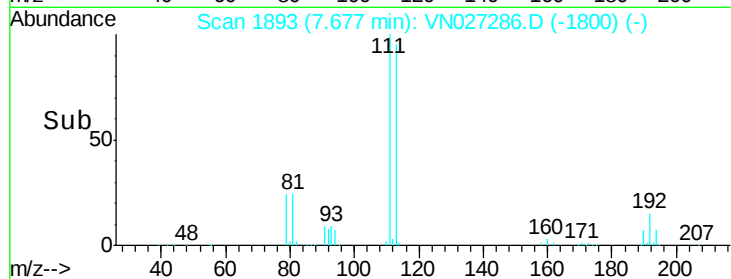
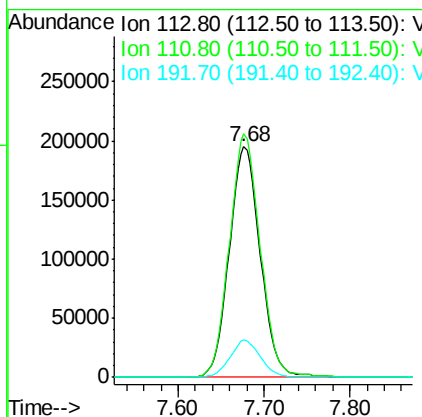
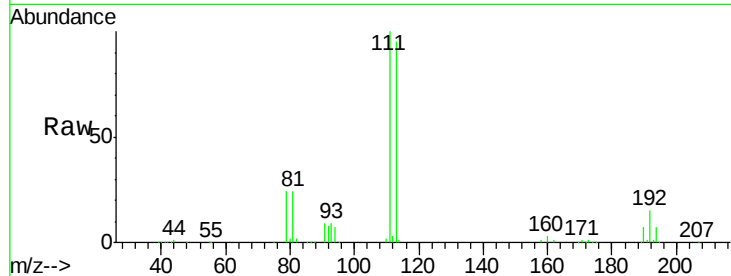
#36
 Dibromofluoromethane
 Concen: 51.73 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027286.D
 Acq: 18 Sep 2015 6:23

Instrument :
 MSVOA_N
 ClientSampled :
 MW-10

Tot Ion	Ratio	Resp	Lower	Upper
113	100	488880		
111	105.2	83.0	124.4	
192	15.9	14.1	21.1	

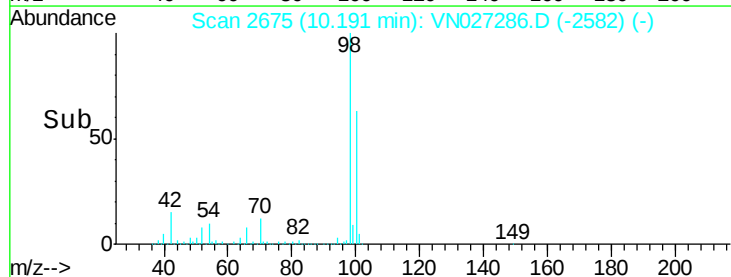
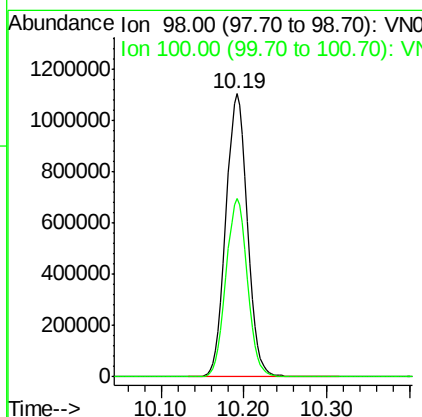
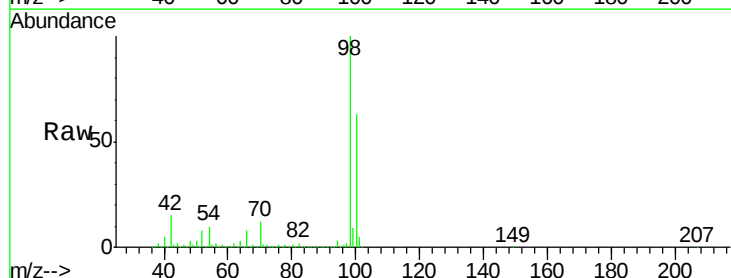
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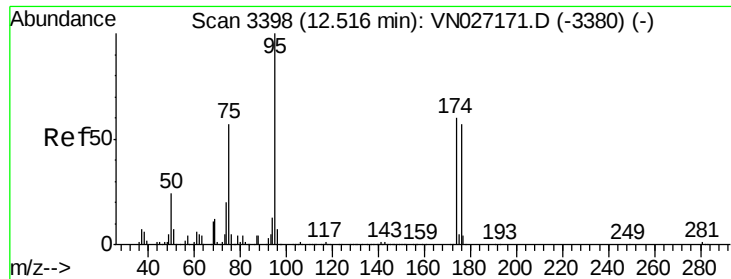
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#51
 Toluene-d8
 Concen: 53.81 ug/l
 RT: 10.19 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN027286.D
 Acq: 18 Sep 2015 6:23

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1991109		
100	63.0	50.5	75.7	





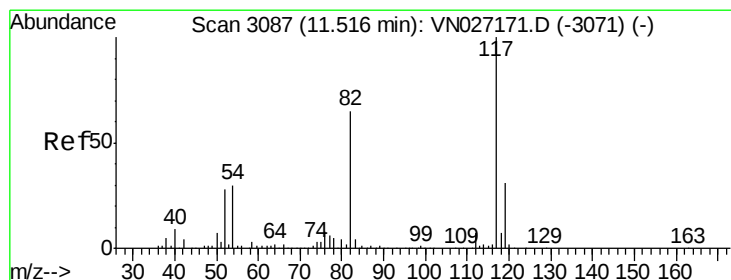
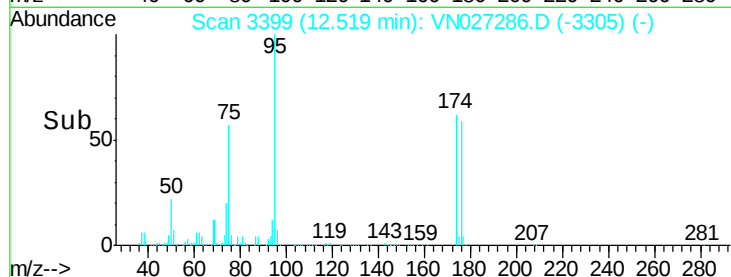
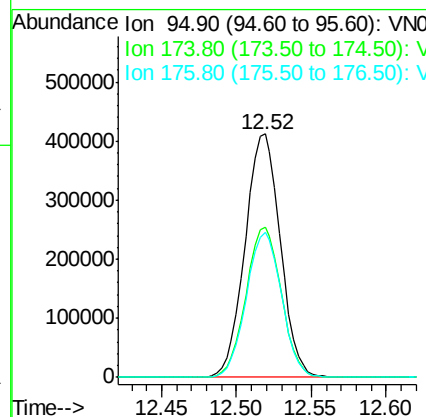
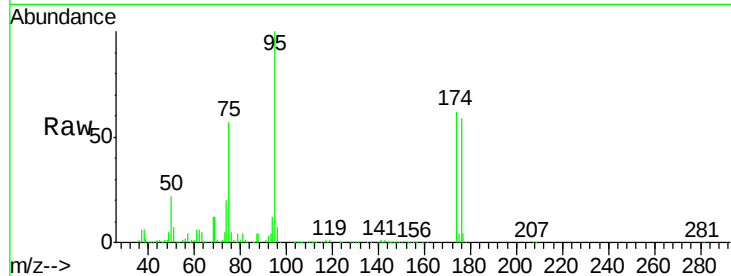
#63
4-Bromofluorobenzene
Concen: 51.53 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027286.D
Acq: 18 Sep 2015 6:23

Instrument :
MSVOA_N
ClientSampled :
MW-10

Tot Ion	Ratio	Resp	Lower	Upper
95	100	676735		
174	61.9	0.0	137.0	
176	59.5	0.0	130.8	

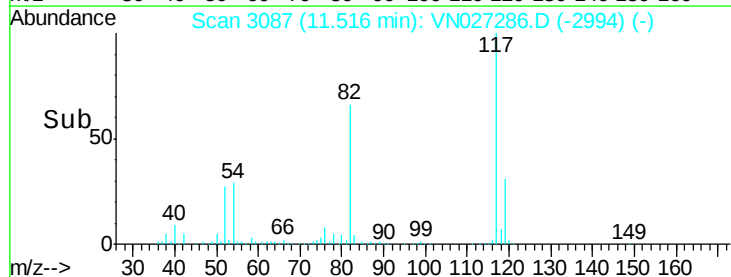
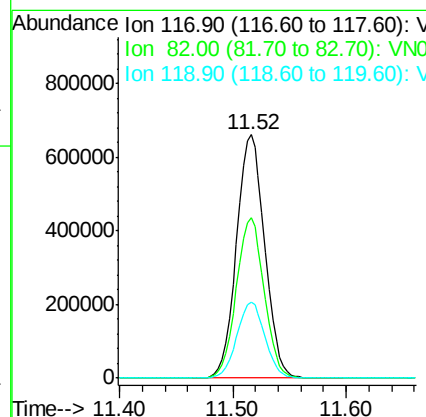
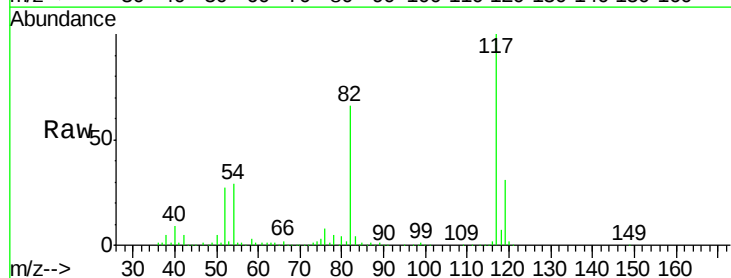
Manual Integrations
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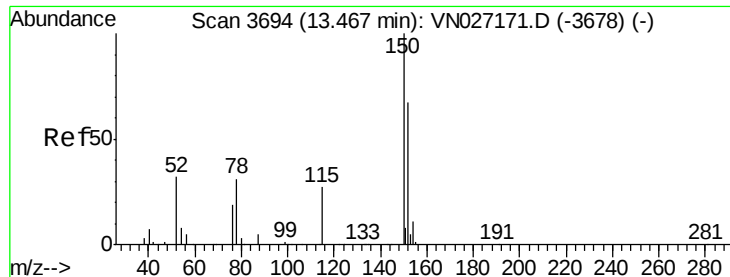
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#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027286.D
Acq: 18 Sep 2015 6:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1143932		
82	65.8	49.6	74.4	
119	31.2	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: VN027286.D

Acq: 18 Sep 2015 6:23

Instrument :

MSVOA_N

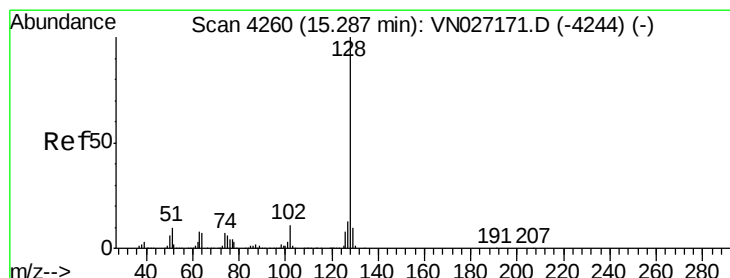
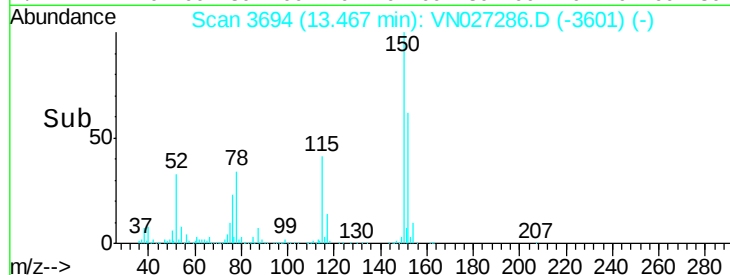
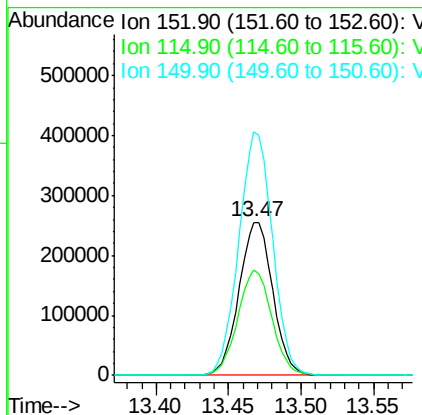
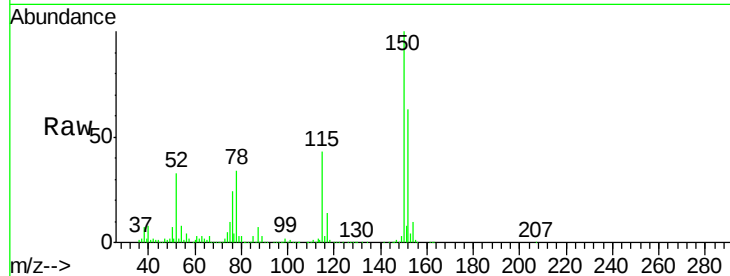
ClientSampled :

MW-10

Tot Ion:	152	Resp:	413123
Ion Ratio	Lower	Upper	
152	100		
115	68.9	30.8	92.3
150	159.2	0.0	345.0

Manual Integrations
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#96

Naphthalene

Concen: 0.89 ug/l

RT: 15.29 min Scan# 4261

Delta R.T. 0.00 min

Lab File: VN027286.D

Acq: 18 Sep 2015 6:23

Tgt Ion:	128	Resp:	21344
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.2	8.6	12.8

