

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027254.D
 Acq On : 17 Sep 2015 14:45
 Operator : MD\FY
 Sample : G3663-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-1

Manual Integrations
 APPROVED

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 9/18/2015 12:23:02 PM

Quant Time: Sep 18 12:12:02 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	750318	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1331542	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1131544	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	390771	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	746197	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
36) Dibromofluoromethane	7.68	113	480280	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
51) Toluene-d8	10.19	98	1950808	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
63) 4-Bromofluorobenzene	12.52	95	647593	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
Target Compounds						
20) Methyl tert-butyl Ether	5.11	73	36660m	0.95	ug/l	Qvalue

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

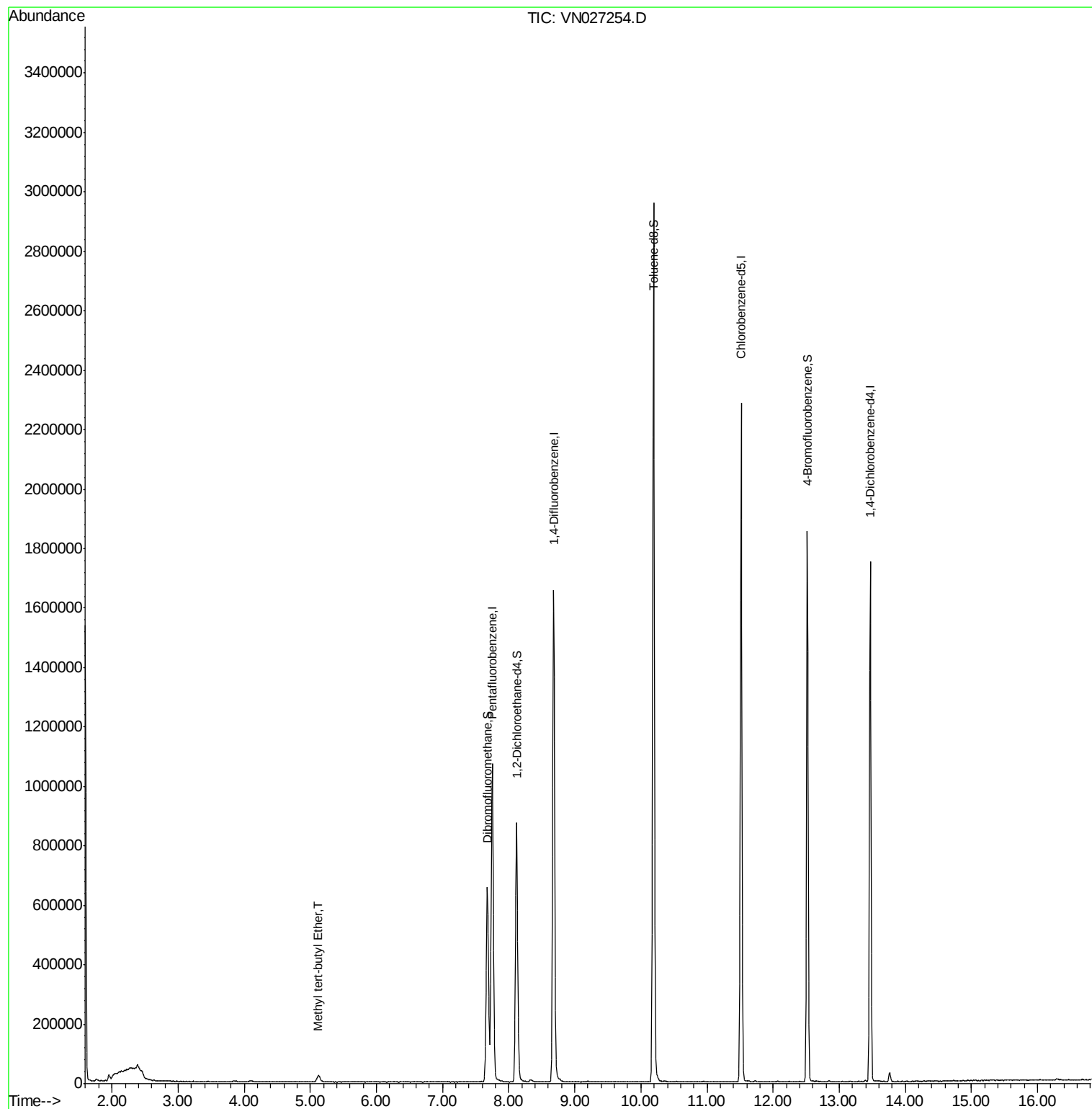
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
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Quant Time: Sep 18 12:12:02 2015
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Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027254.D

Acq: 17 Sep 2015 14:45

Instrument :

MSVOA_N

ClientSampled :

GW-1

Tot Ion:168 Resp: 750318

Ion Ratio Lower Upper

168 100

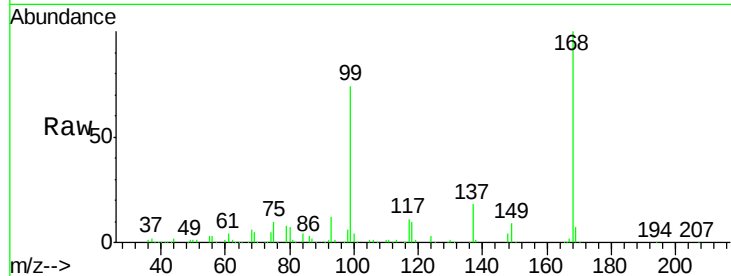
99 73.6 50.4 75.6

Manual Integrations

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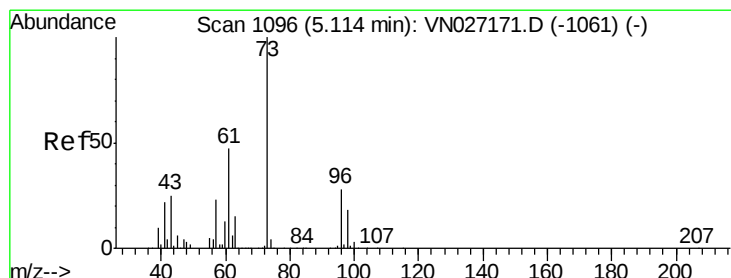
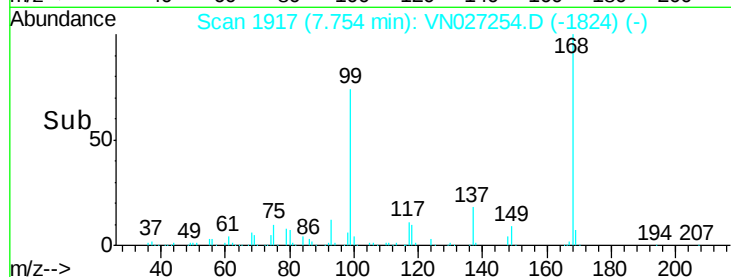
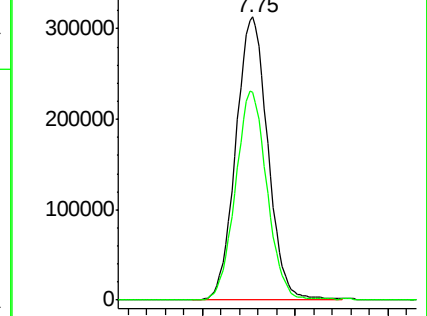
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methyl tert-butyl Ether

Concen: 0.95 ug/l m

RT: 5.11 min Scan# 1096

Delta R.T. 0.00 min

Lab File: VN027254.D

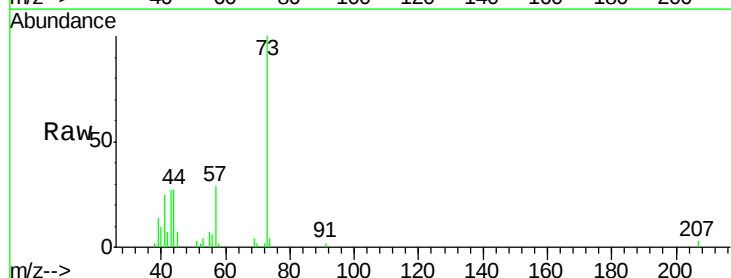
Acq: 17 Sep 2015 14:45

Tgt Ion: 73 Resp: 36660

Ion Ratio Lower Upper

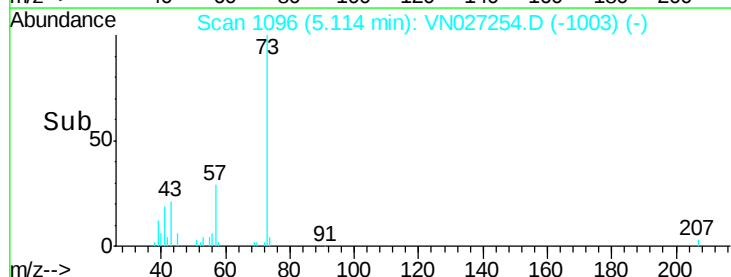
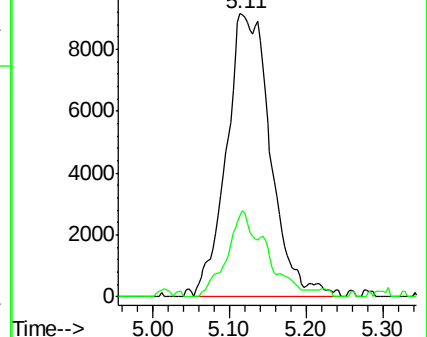
73 100

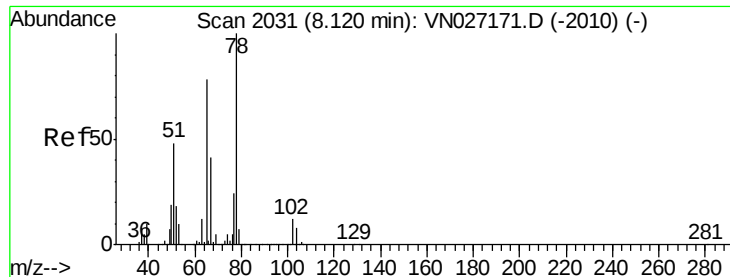
57 28.5 19.8 29.6



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: 48.54 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027254.D

Acq: 17 Sep 2015 14:45

Instrument :

MSVOA_N

ClientSampled :

GW-1

Tot Ion: 65 Resp: 746197

Ion Ratio Lower Upper

65 100

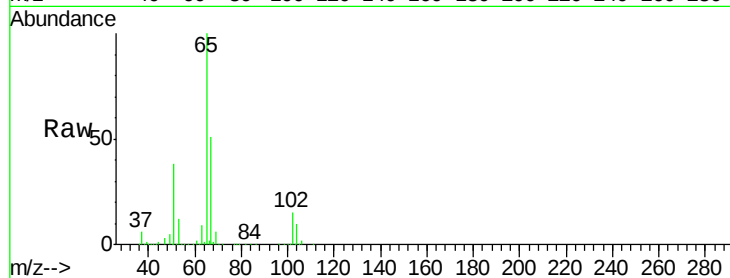
67 51.2 0.0 110.6

Manual Integrations

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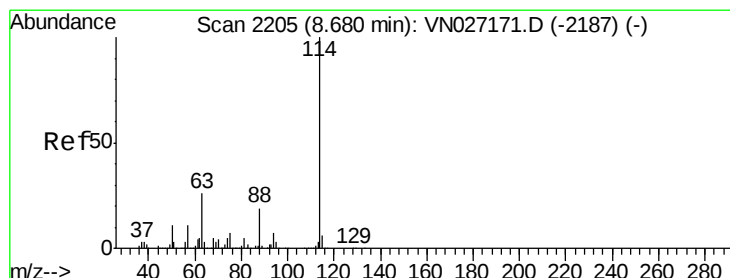
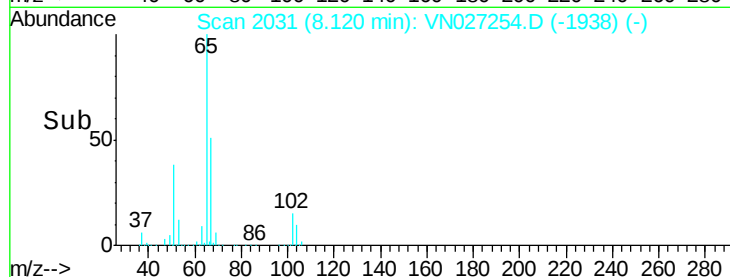
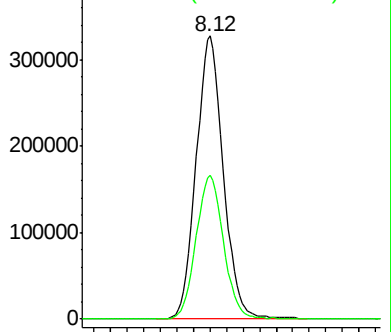
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Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VN027254.D

Acq: 17 Sep 2015 14:45

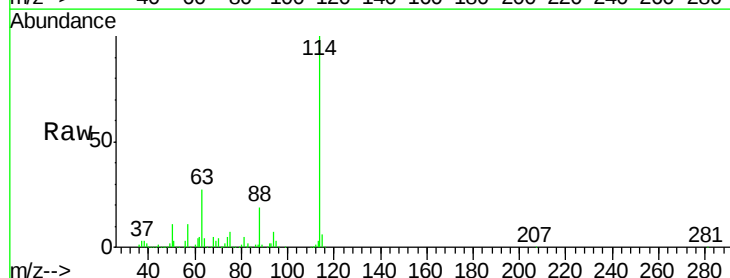
Tgt Ion: 114 Resp: 1331542

Ion Ratio Lower Upper

114 100

63 26.5 0.0 48.8

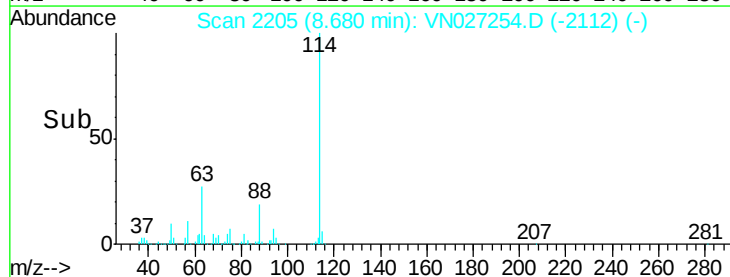
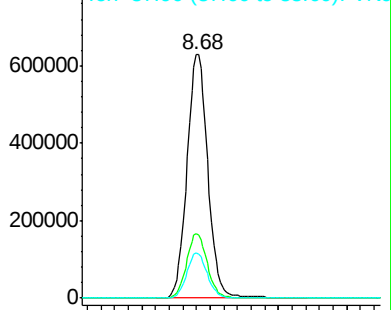
88 18.6 0.0 32.2

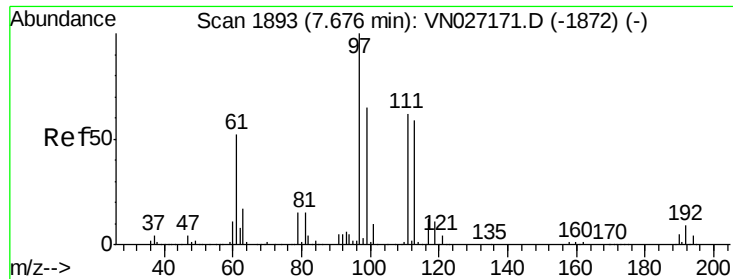


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





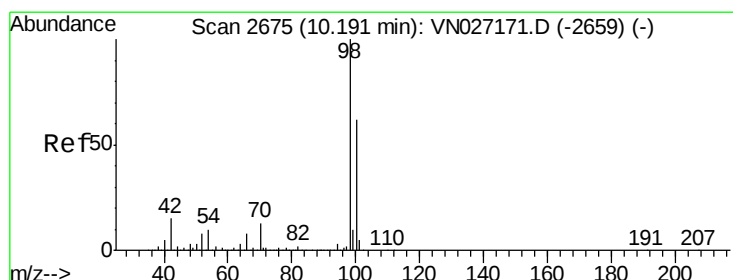
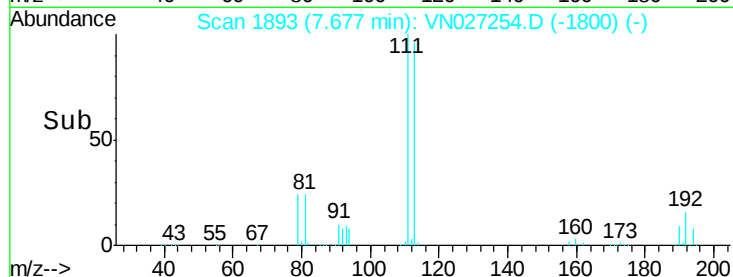
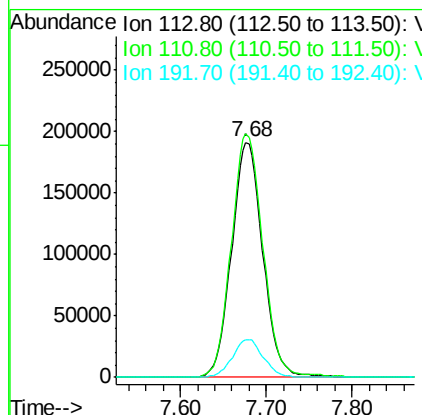
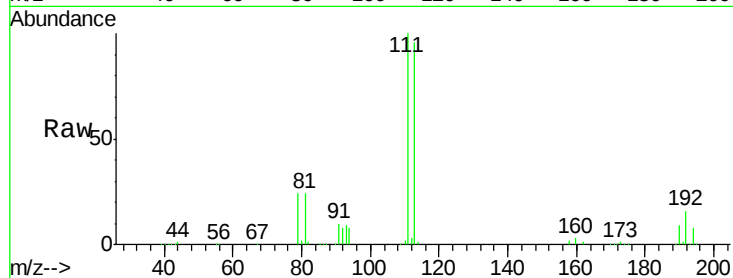
#36
Dibromofluoromethane
Concen: 52.03 ug/l
RT: 7.68 min Scan# 1893
Delta R.T. 0.00 min
Lab File: VN027254.D
Acq: 17 Sep 2015 14:45

Instrument :
MSVOA_N
ClientSampled :
GW-1

Tot Ion	Ratio	Resp	Lower	Upper
113	100	480280		
111	104.1	83.0	124.4	
192	16.0	14.1	21.1	

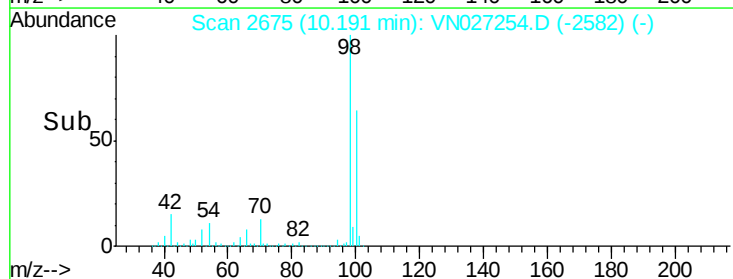
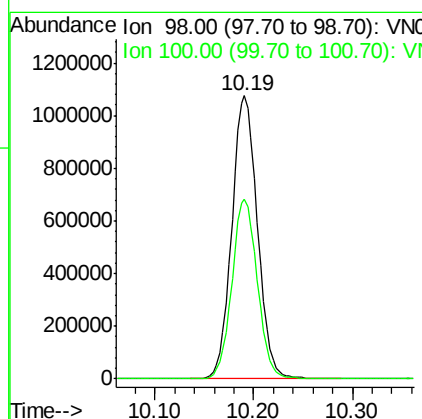
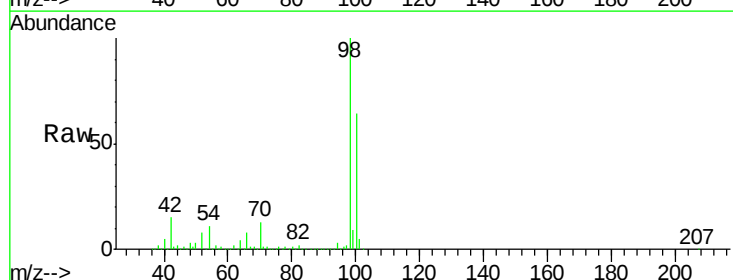
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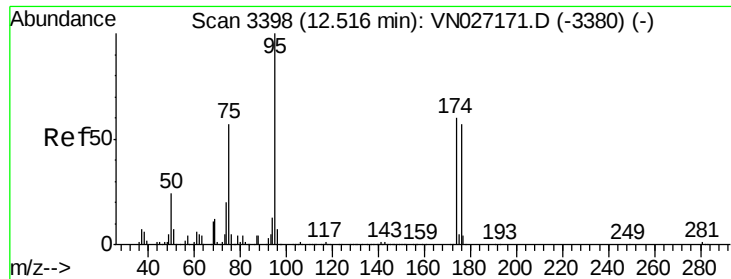
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#51
Toluene-d8
Concen: 53.98 ug/l
RT: 10.19 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN027254.D
Acq: 17 Sep 2015 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1950808		
100	63.1	50.5	75.7	





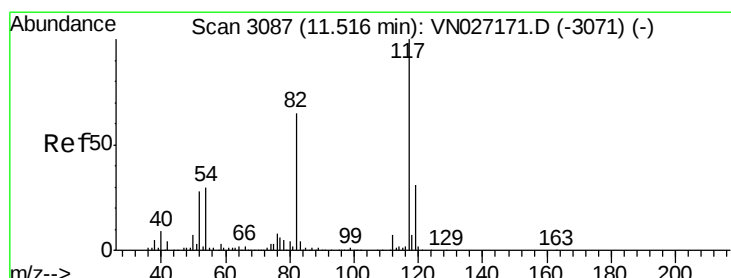
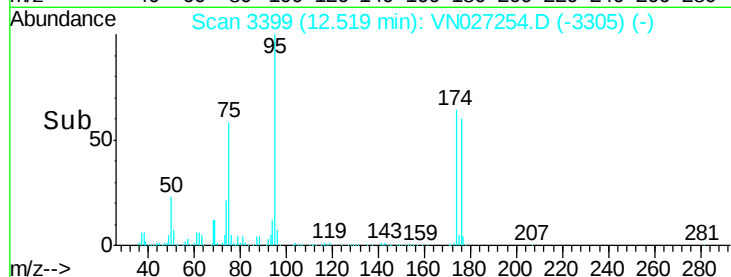
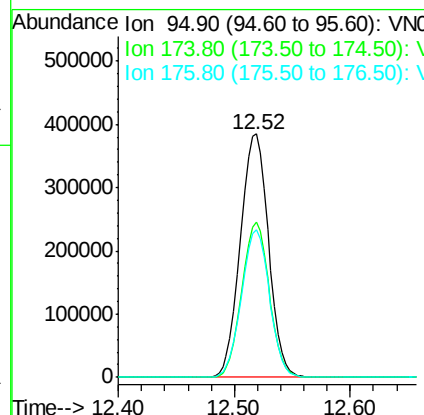
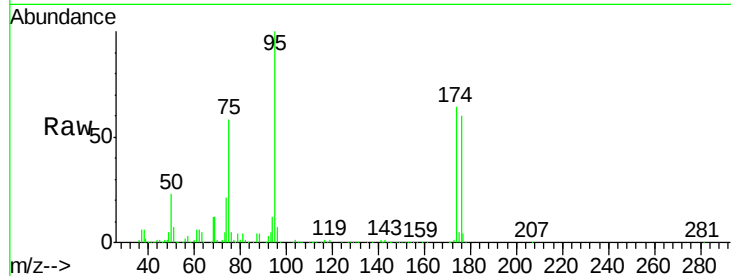
#63
4-Bromofluorobenzene
Concen: 50.49 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027254.D
Acq: 17 Sep 2015 14:45

Instrument :
MSVOA_N
ClientSampled :
GW-1

Tot Ion	Ratio	Resp	Lower	Upper
95	100	647593		
174	62.4	0.0	137.0	
176	60.1	0.0	130.8	

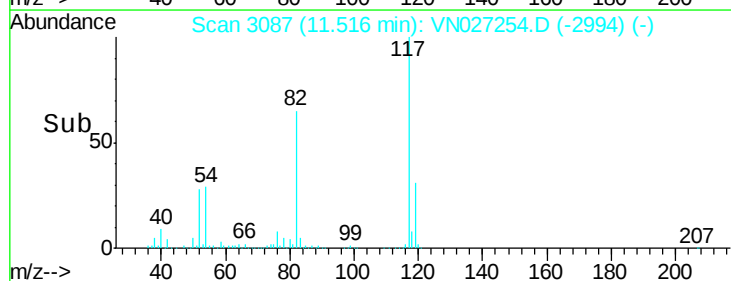
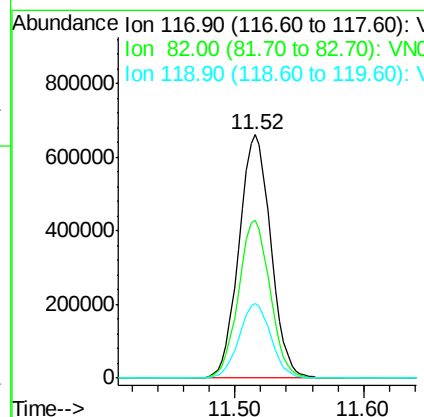
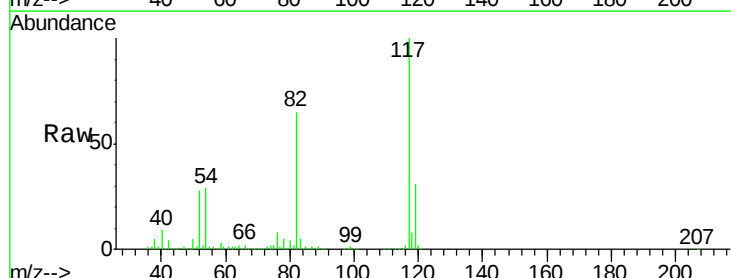
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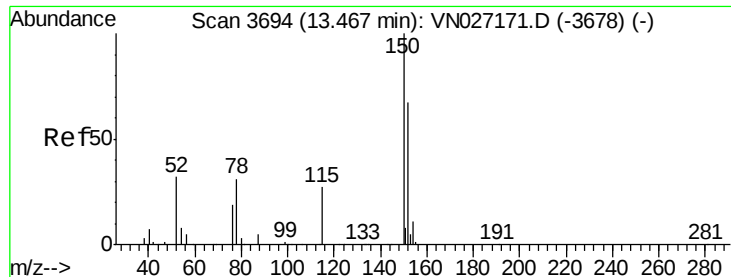
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#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027254.D
Acq: 17 Sep 2015 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1131544		
82	65.1	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: VN027254.D

Acq: 17 Sep 2015 14:45

Instrument :

MSVOA_N

ClientSampleId :

GW-1

Tot Ion	Ratio	Resp	Lower	Upper
152	100	390771		
115	68.8		30.8	92.3
150	159.1		0.0	345.0

Manual Integrations
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