

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027251.D
 Acq On : 17 Sep 2015 13:22
 Operator : MD\FY
 Sample : G3707-05 2.5 PPB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Manual Integrations
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Quant Time: Sep 18 12:10:19 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	507619	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	969804	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	798238	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	276102	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	522058	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
36) Dibromofluoromethane	7.68	113	326494	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
51) Toluene-d8	10.19	98	1256366	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
63) 4-Bromofluorobenzene	12.52	95	415832	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
Target Compounds						
12) Tert butyl alcohol	4.80	59	14063m	13.83	ug/l	Qvalue
14) Acrolein	3.63	56	15512	12.98	ug/l	94

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

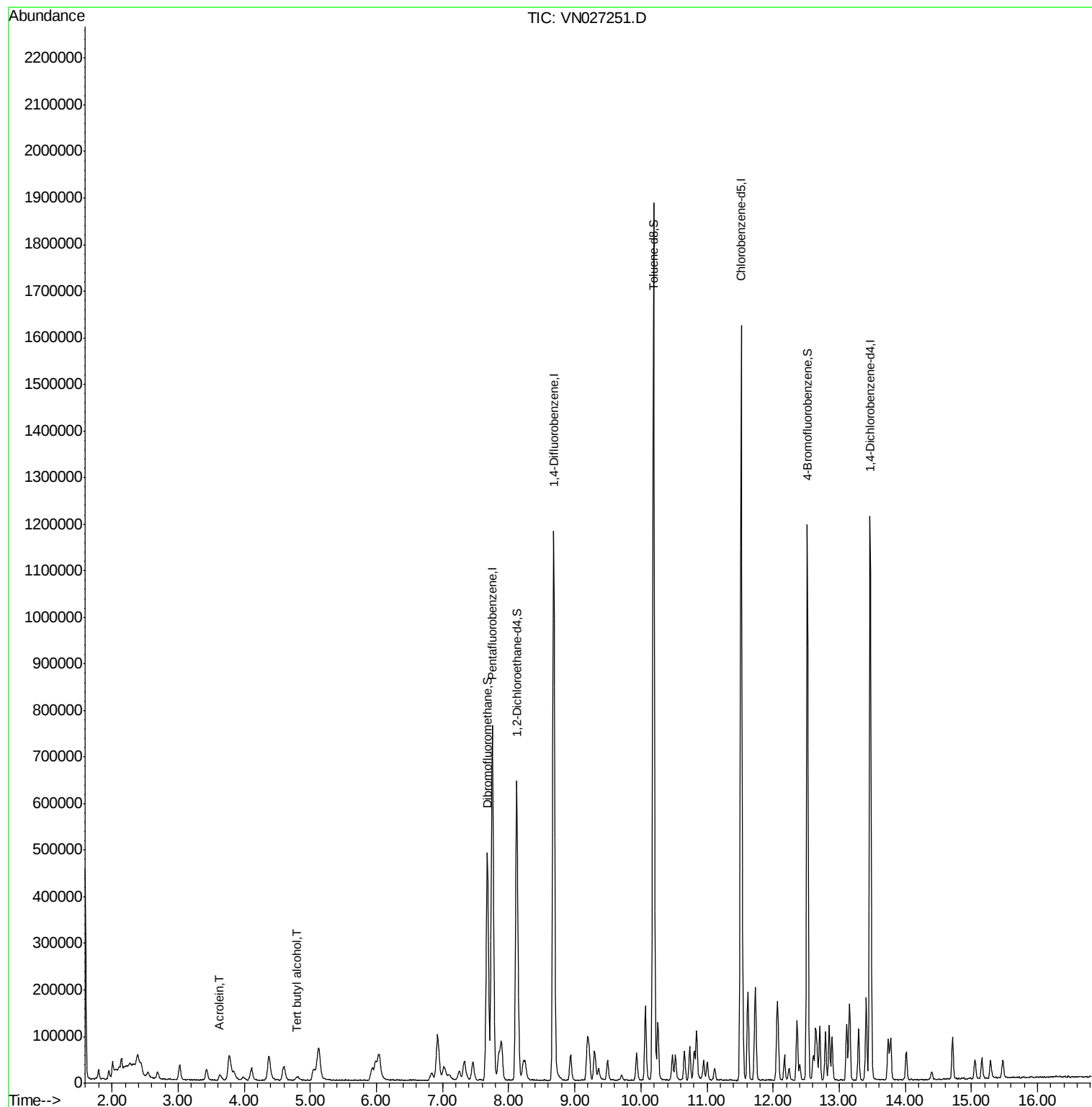
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
Data File : VN027251.D
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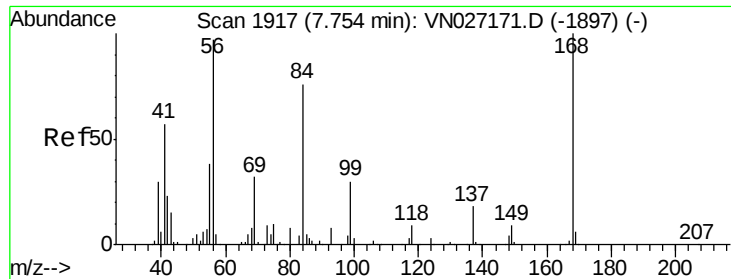
Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Quant Time: Sep 18 12:10:19 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

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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: VN027251.D

Acq: 17 Sep 2015 13:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion:168 Resp: 507619

Ion Ratio Lower Upper

168 100

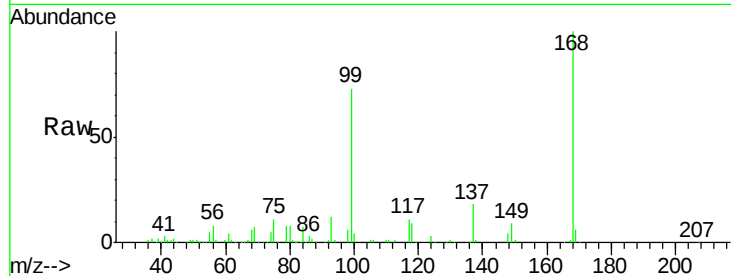
99 72.3 50.4 75.6

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Abundance Ion 167.90 (167.60 to 168.60): VN027251.D (-1897) (-)

Ion 98.90 (98.60 to 99.60): VN027251.D (-1897) (-)

7.75

250000

200000

150000

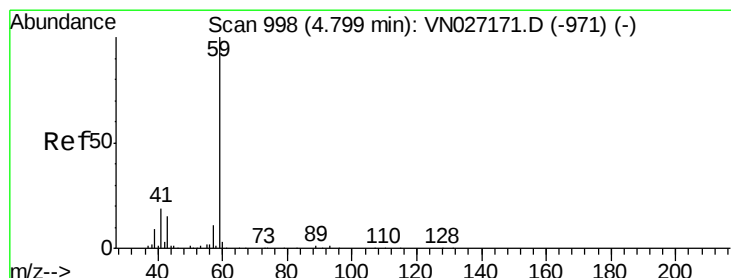
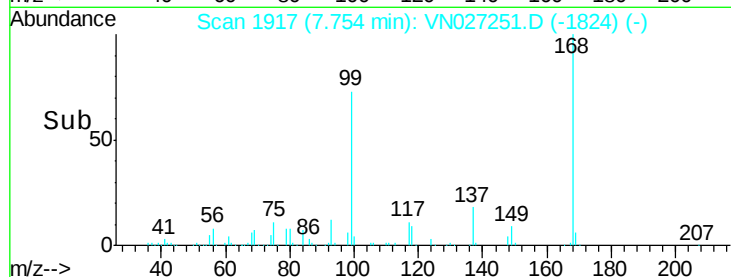
100000

50000

0

7.70 7.80

Time-->



#12

Tert butyl alcohol

Concen: 13.83 ug/l m

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN027251.D

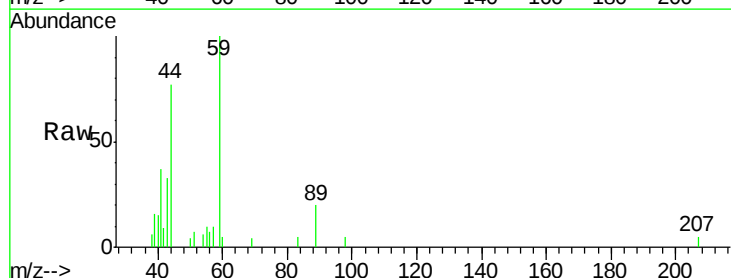
Acq: 17 Sep 2015 13:22

Tgt Ion: 59 Resp: 14063

Ion Ratio Lower Upper

59 100

57 3.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VN027251.D (-905) (-)

Ion 57.00 (56.70 to 57.70): VN027251.D (-905) (-)

4.80

4000

3000

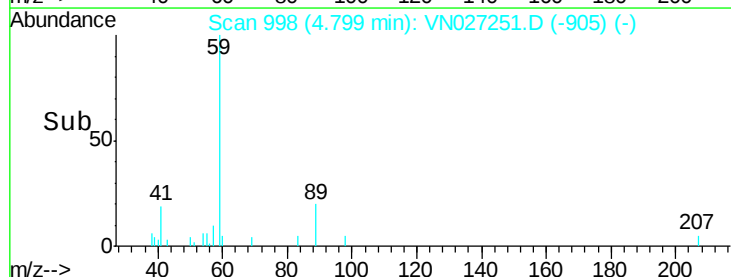
2000

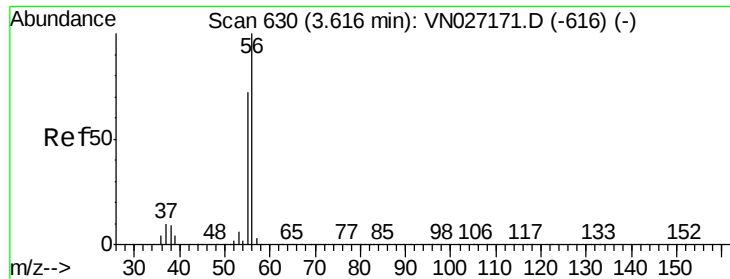
1000

0

4.70 4.80 4.90

Time-->





#14

Acrolein

Concen: 12.98 ug/l

RT: 3.63 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN027251.D

Acq: 17 Sep 2015 13:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 56 Resp: 15512

Ion Ratio Lower Upper

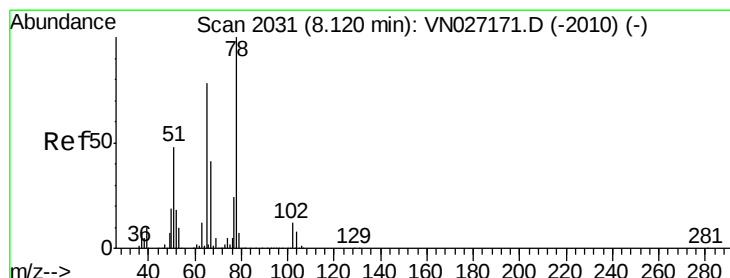
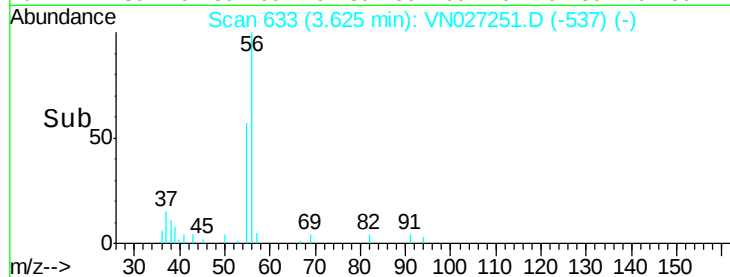
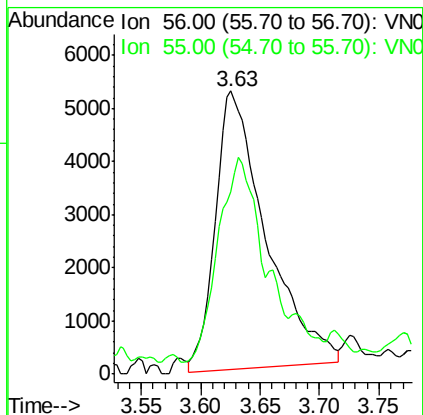
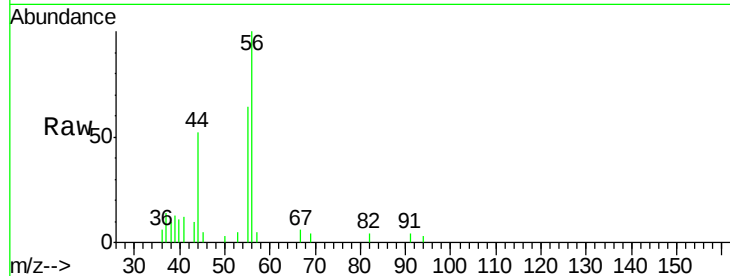
56 100

55 64.8 55.7 83.5

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#34

1,2-Dichloroethane-d4

Concen: 50.19 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027251.D

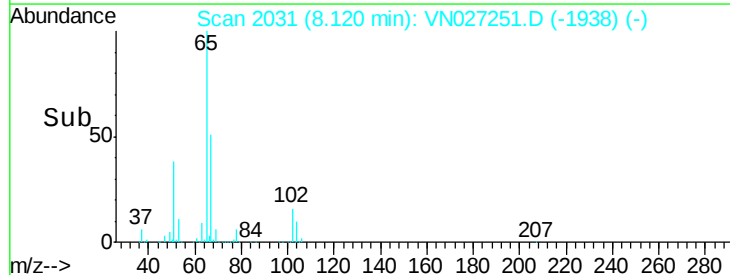
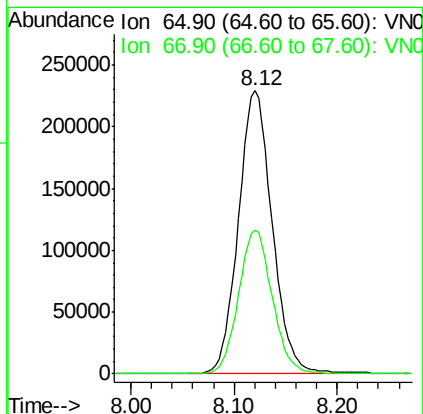
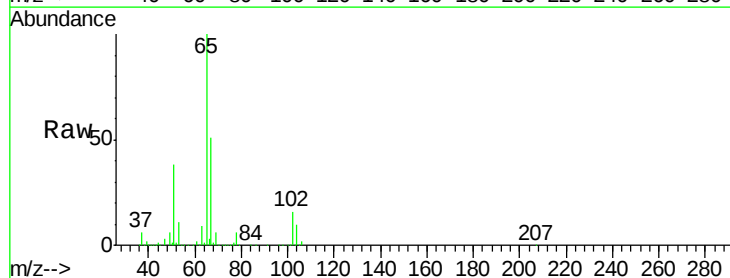
Acq: 17 Sep 2015 13:22

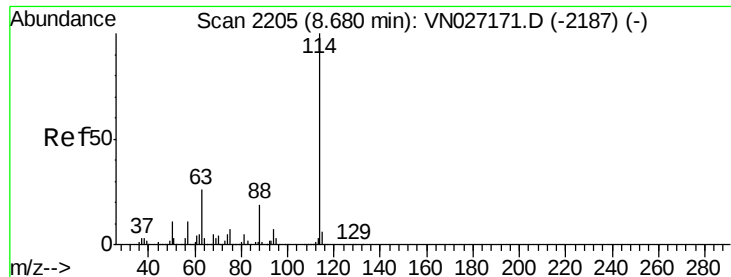
Tgt Ion: 65 Resp: 522058

Ion Ratio Lower Upper

65 100

67 51.0 0.0 110.6





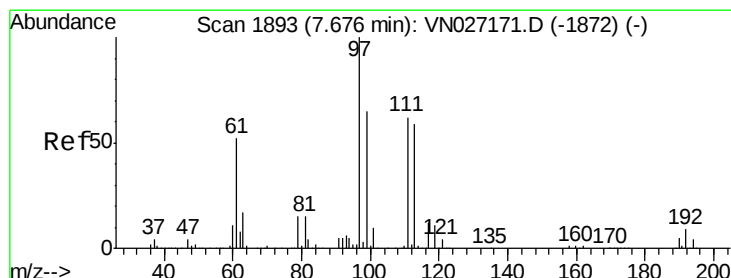
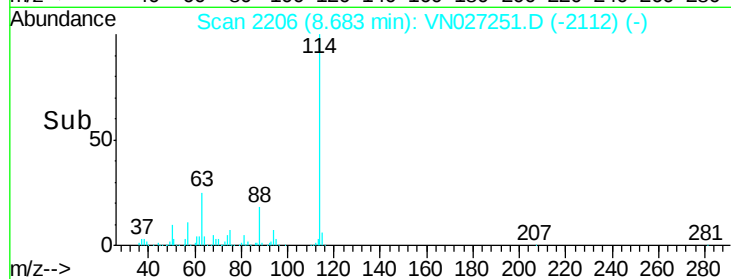
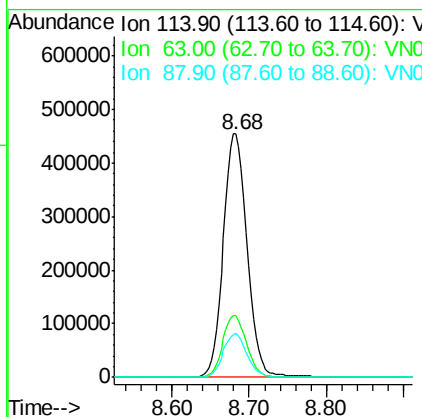
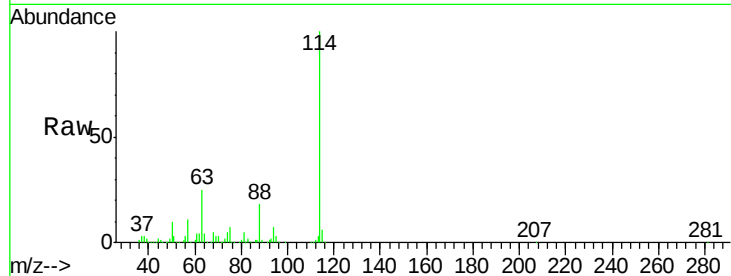
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: VN027251.D
 Acq: 17 Sep 2015 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Resp	Lower	Upper
114	100	969804		
63	25.3		0.0	48.8
88	17.8		0.0	32.2

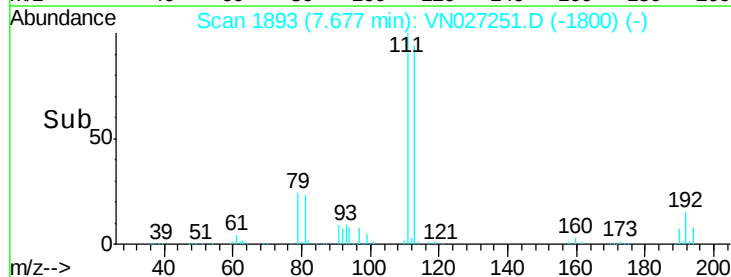
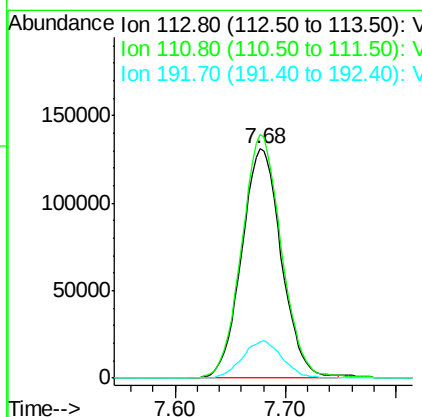
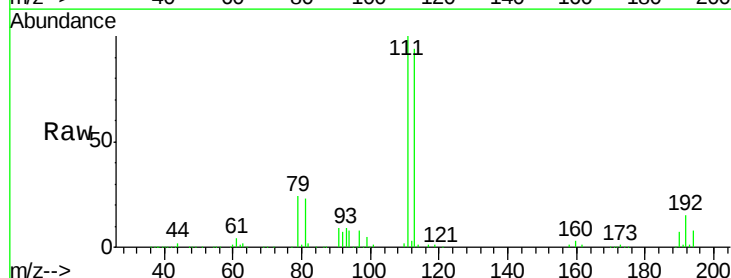
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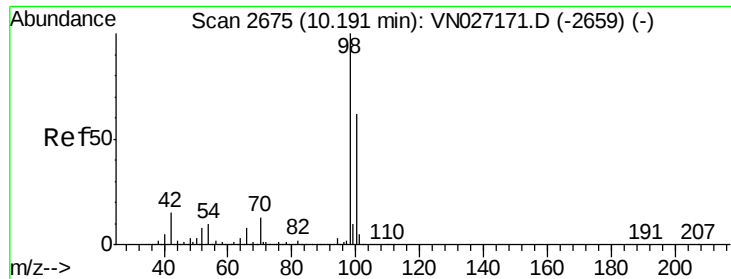
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#36
 Dibromofluoromethane
 Concen: 48.57 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027251.D
 Acq: 17 Sep 2015 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	326494		
111	106.4		83.0	124.4
192	16.3		14.1	21.1





#51

Toluene-d8

Concen: 47.73 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027251.D

Acq: 17 Sep 2015 13:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 98 Resp: 1256366

Ion Ratio Lower Upper

98 100

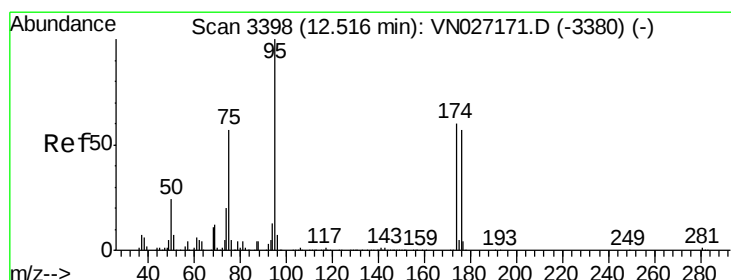
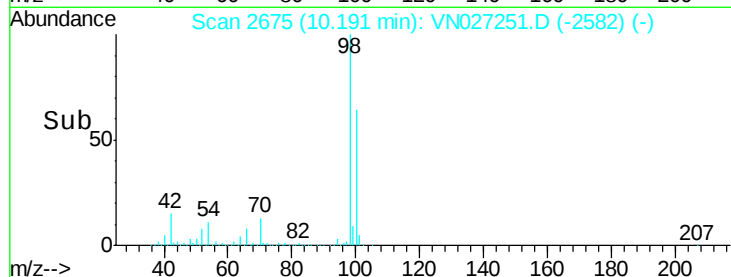
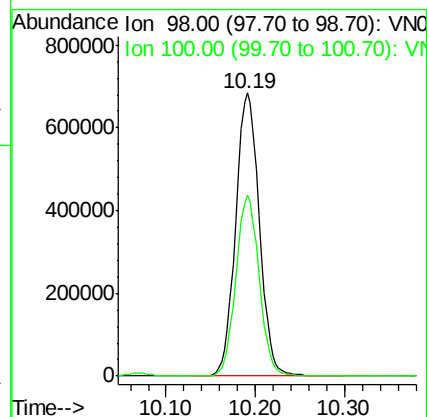
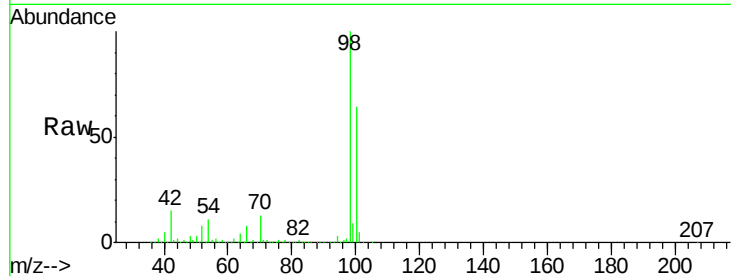
100 63.0 50.5 75.7

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#63

4-Bromofluorobenzene

Concen: 44.51 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VN027251.D

Acq: 17 Sep 2015 13:22

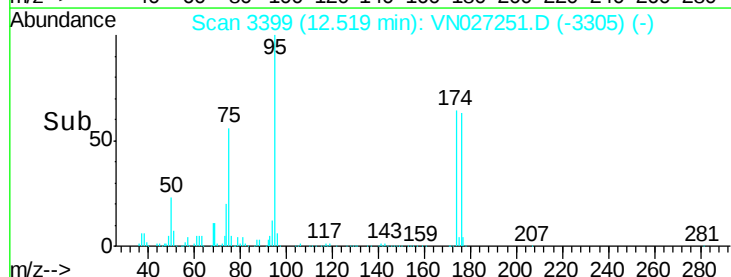
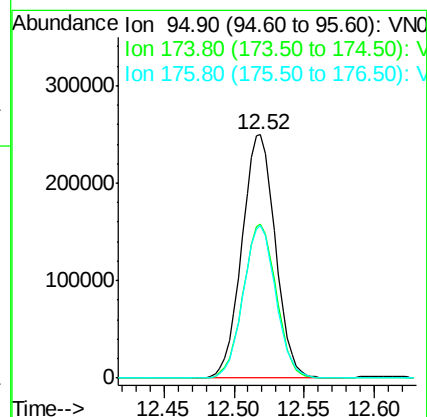
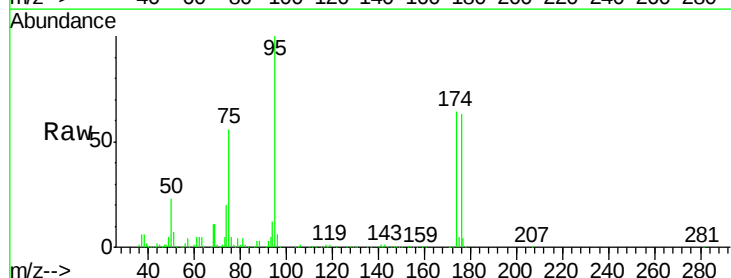
Tgt Ion: 95 Resp: 415832

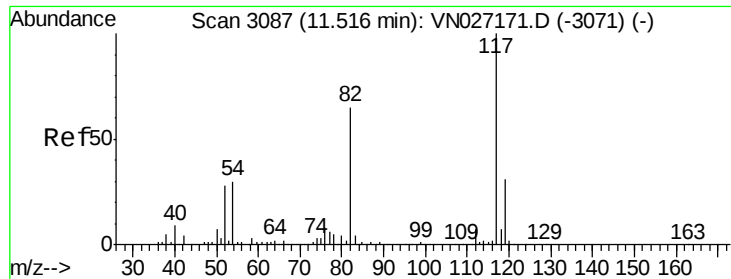
Ion Ratio Lower Upper

95 100

174 62.6 0.0 137.0

176 61.1 0.0 130.8





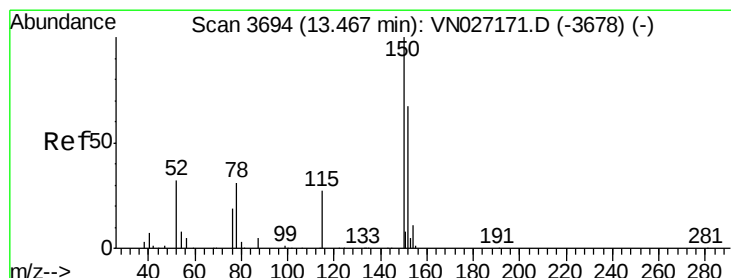
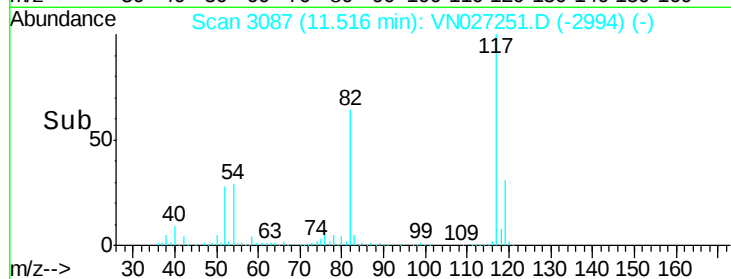
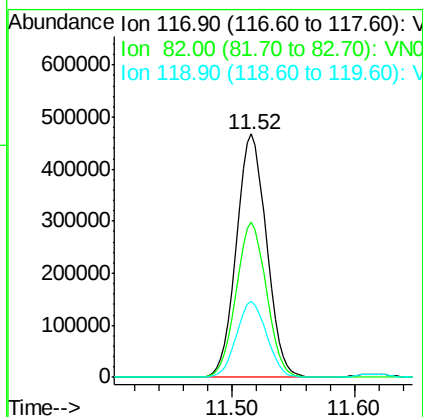
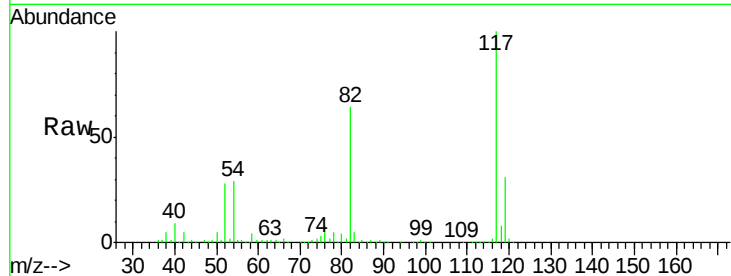
#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027251.D
Acq: 17 Sep 2015 13:22

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	798238		
82	63.7	49.6	74.4	
119	31.1	24.6	36.8	

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#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027251.D
Acq: 17 Sep 2015 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	276102		
115	67.0	30.8	92.3	
150	157.8	0.0	345.0	

