

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027252.D
 Acq On : 17 Sep 2015 13:49
 Operator : MD\FY
 Sample : G3707-06 10.0 PPB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER2015-02

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:22:56 PM

Quant Time: Sep 18 12:11:28 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	532749	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1000919	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	847374	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	306019	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	547221	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
36) Dibromofluoromethane	7.68	113	347109	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
51) Toluene-d8	10.19	98	1354940	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
63) 4-Bromofluorobenzene	12.52	95	460008	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
Target Compounds						
12) Tert butyl alcohol	4.80	59	48832	45.75	ug/l #	82
14) Acrolein	3.62	56	61565	49.10	ug/l	99

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

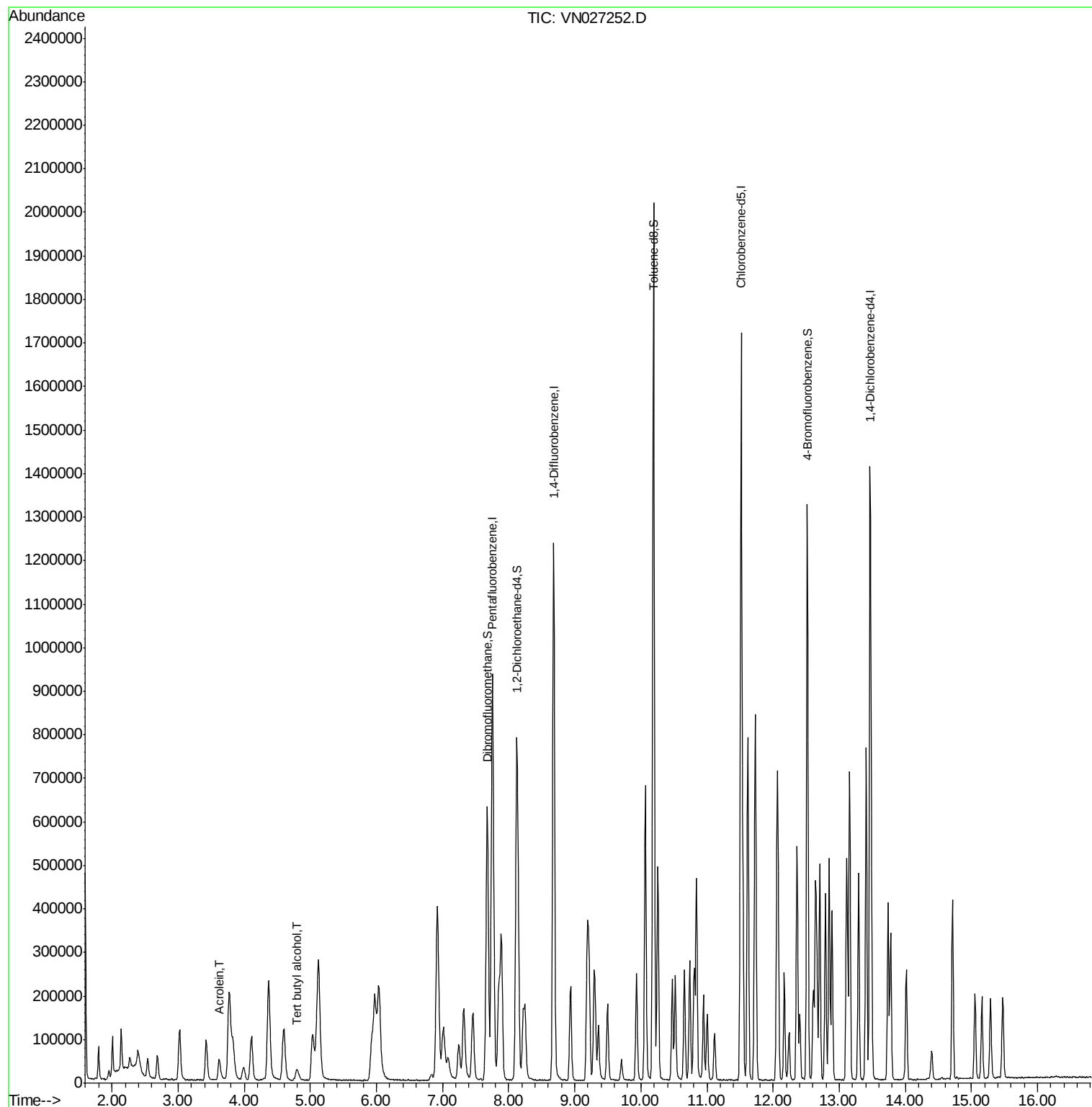
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Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027252.D

Acq: 17 Sep 2015 13:49

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER2015-02

Tot Ion:168 Resp: 532749

Ion Ratio Lower Upper

168 100

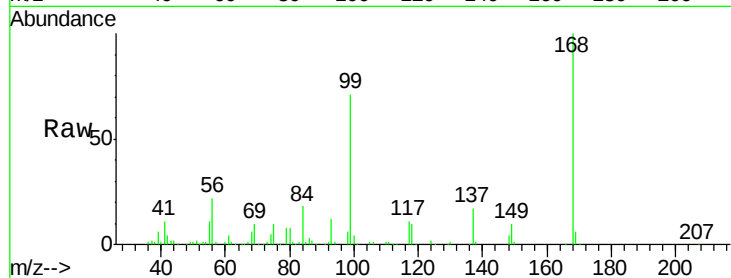
99 70.2 50.4 75.6

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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

250000

200000

150000

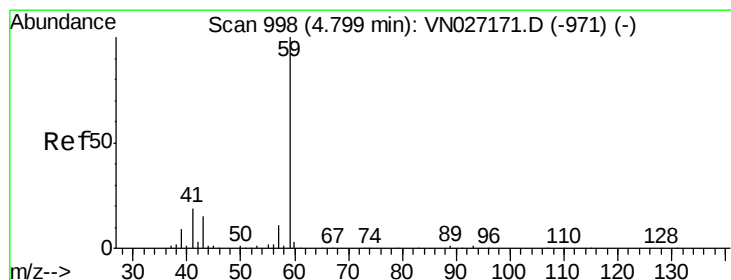
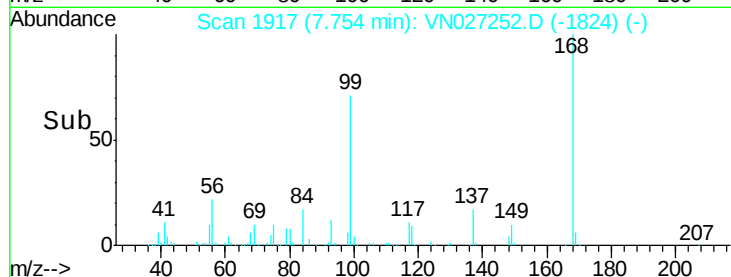
100000

50000

0

7.70 7.80

Time-->



#12

Tert butyl alcohol

Concen: 45.75 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN027252.D

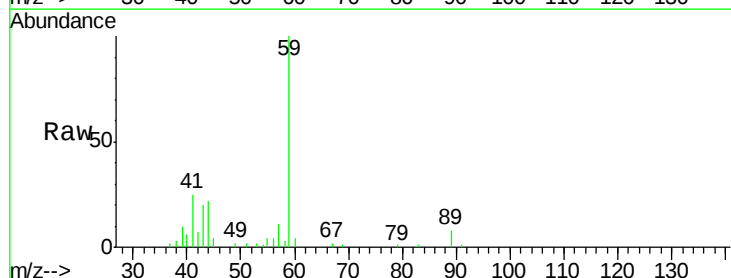
Acq: 17 Sep 2015 13:49

Tgt Ion: 59 Resp: 48832

Ion Ratio Lower Upper

59 100

57 2.9 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.80

15000

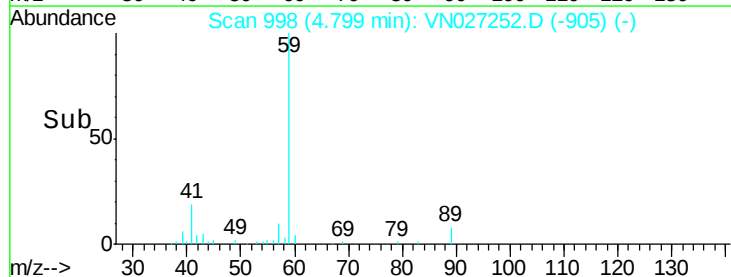
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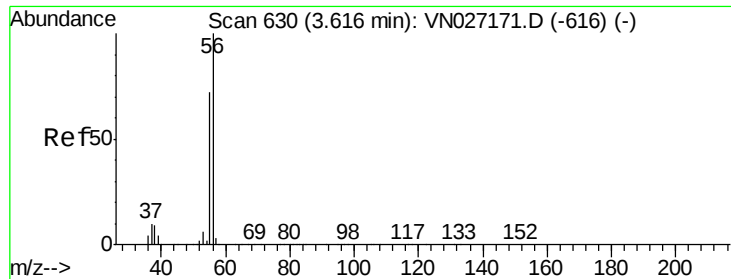
5000

0

4.70 4.80 4.90

Time-->





#14

Acrolein

Concen: 49.10 ug/l

RT: 3.62 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN027252.D

Acq: 17 Sep 2015 13:49

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER2015-02

Tot Ion: 56 Resp: 61565

Ion Ratio Lower Upper

56 100

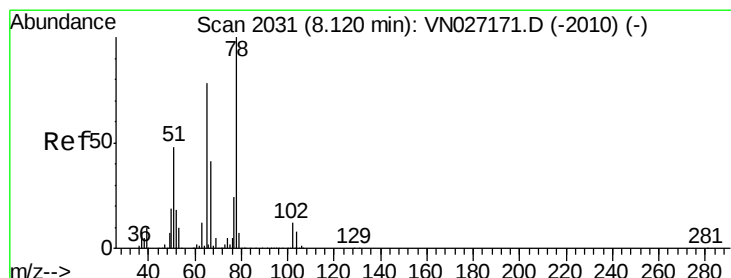
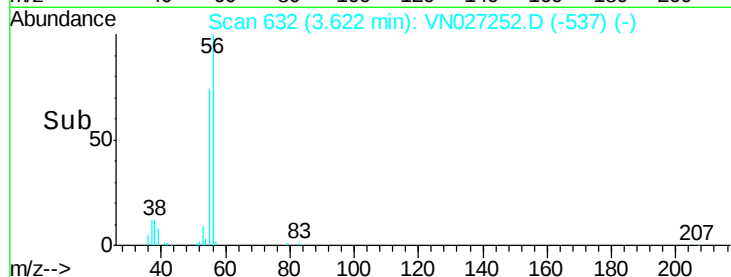
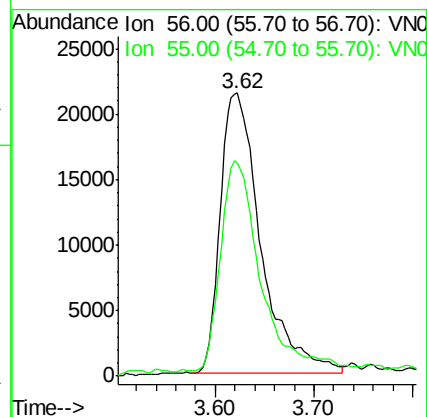
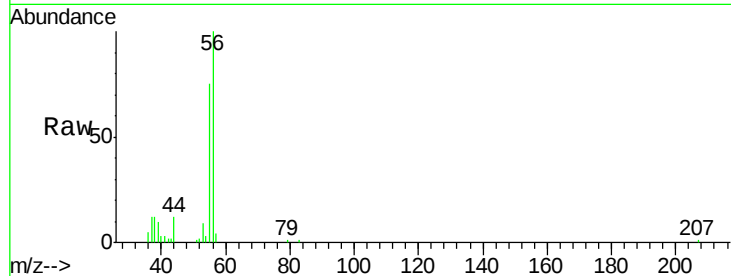
55 70.4 55.7 83.5

Manual Integrations

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#34

1,2-Dichloroethane-d4

Concen: 50.13 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027252.D

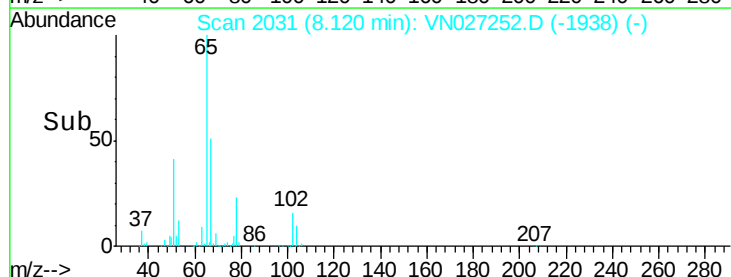
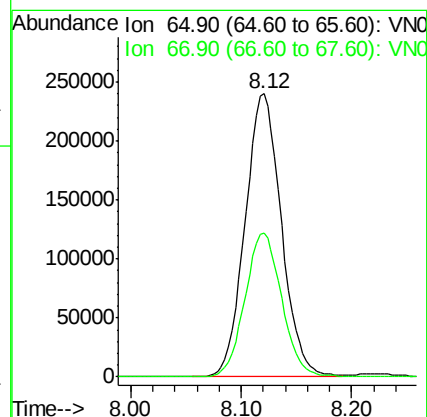
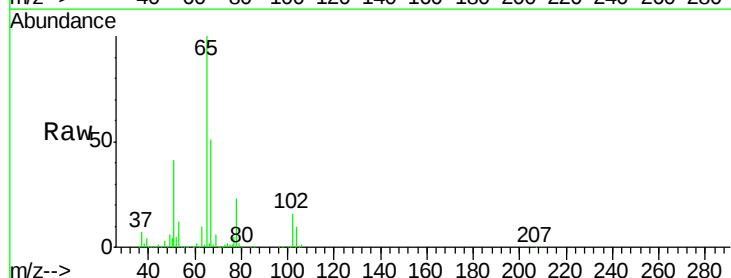
Acq: 17 Sep 2015 13:49

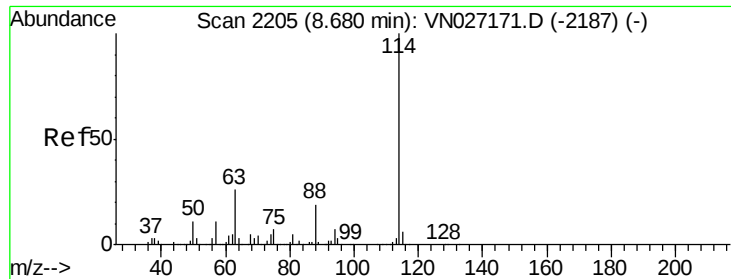
Tgt Ion: 65 Resp: 547221

Ion Ratio Lower Upper

65 100

67 51.4 0.0 110.6





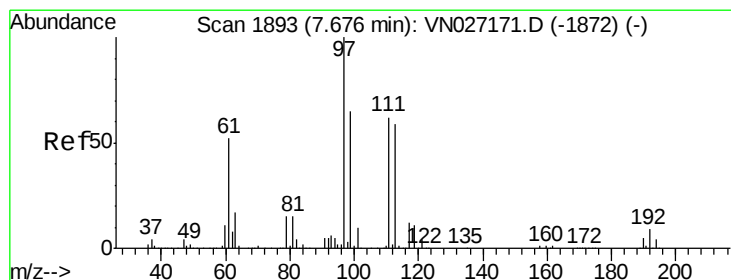
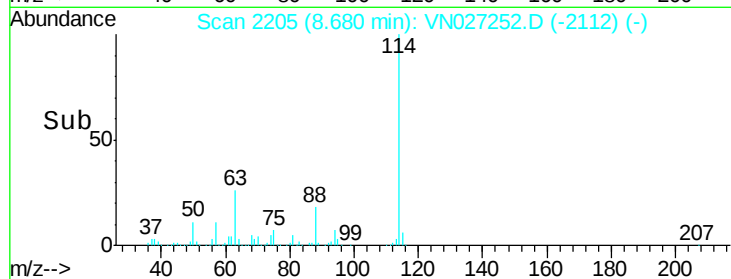
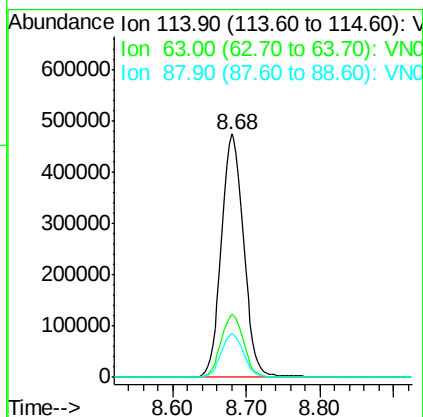
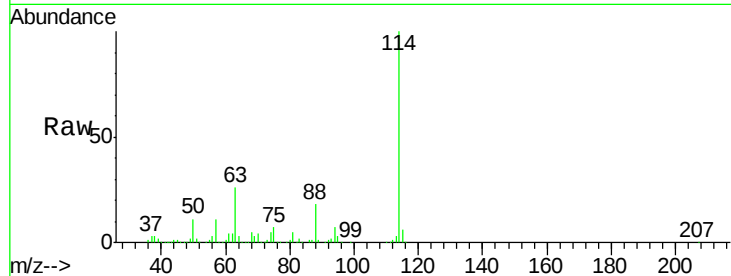
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027252.D
 Acq: 17 Sep 2015 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.7	0.0	48.8
88	17.9	0.0	32.2

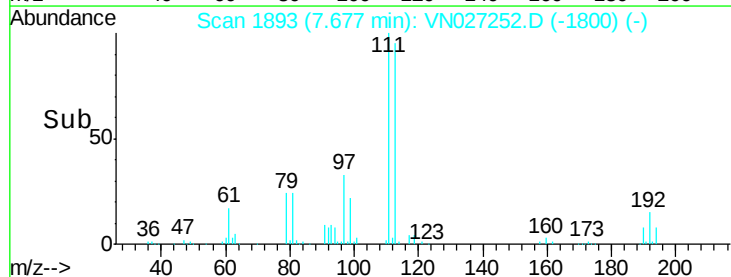
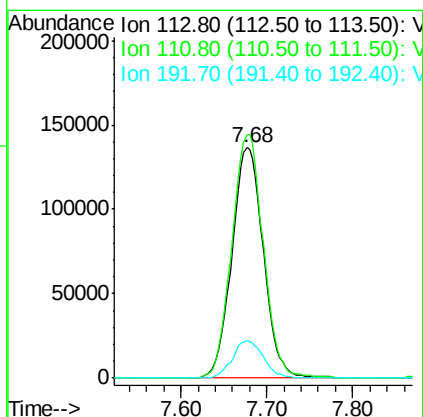
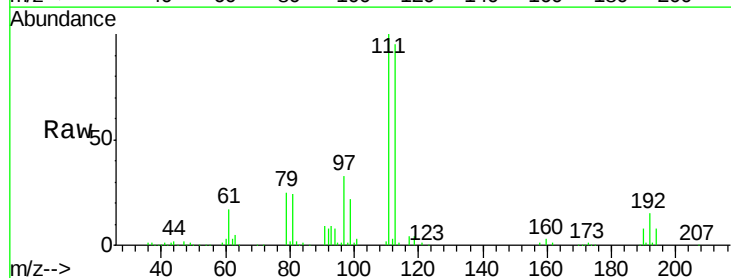
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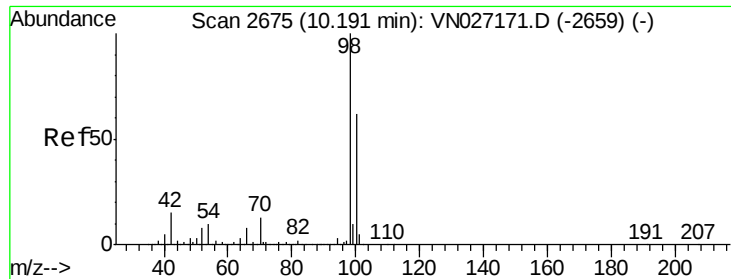
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 9/18/2015 12:22:56 PM



#36
 Dibromofluoromethane
 Concen: 50.03 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027252.D
 Acq: 17 Sep 2015 13:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.2	83.0	124.4
192	16.0	14.1	21.1





#51

Toluene-d8

Concen: 49.88 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027252.D

Acq: 17 Sep 2015 13:49

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER2015-02

Tot Ion: 98 Resp: 1354940

Ion Ratio Lower Upper

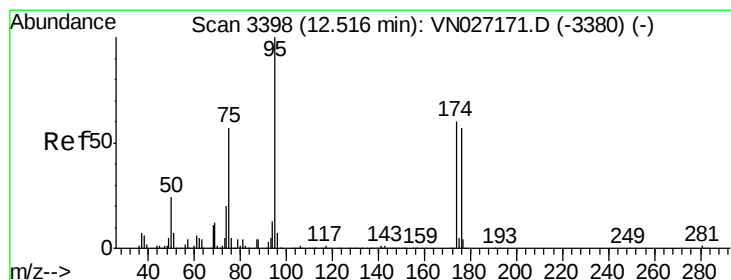
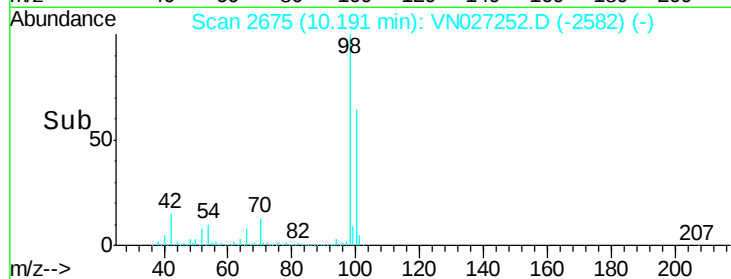
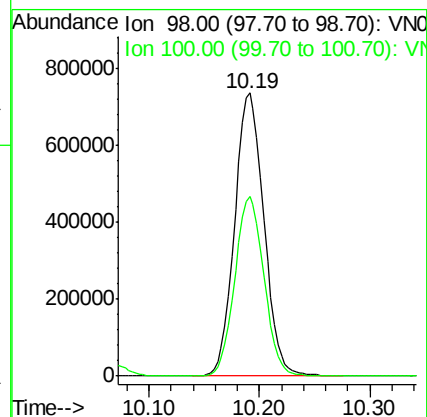
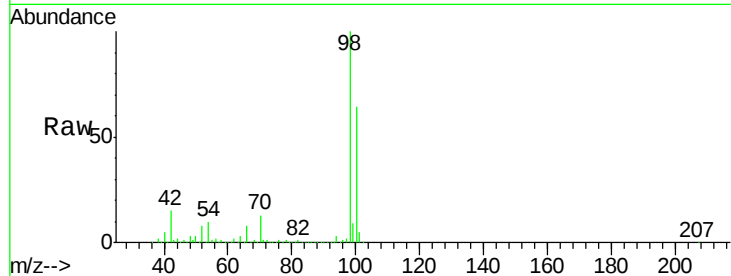
98 100

100 63.2 50.5 75.7

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#63

4-Bromofluorobenzene

Concen: 47.71 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.00 min

Lab File: VN027252.D

Acq: 17 Sep 2015 13:49

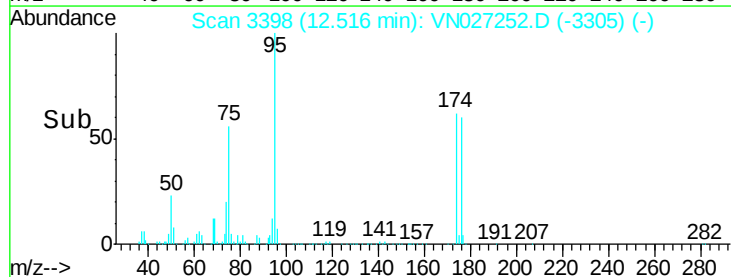
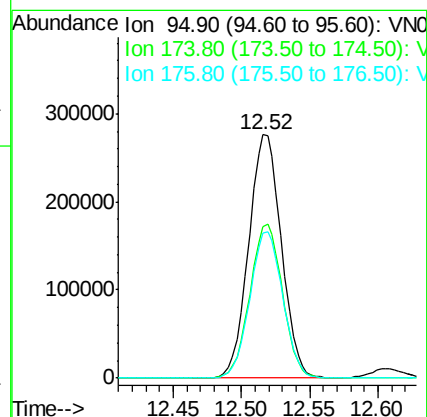
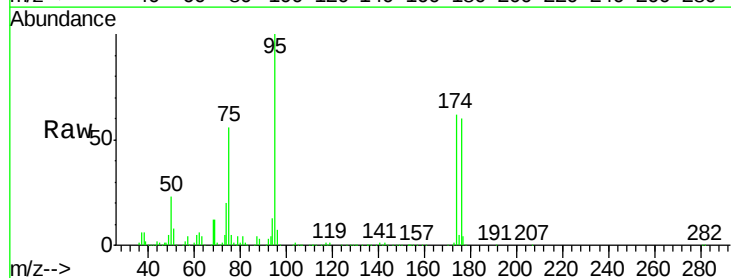
Tgt Ion: 95 Resp: 460008

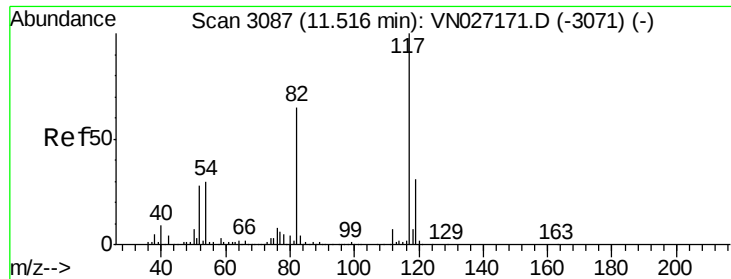
Ion Ratio Lower Upper

95 100

174 62.8 0.0 137.0

176 60.4 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: VN027252.D

Acq: 17 Sep 2015 13:49

Instrument :

MSVOA_N

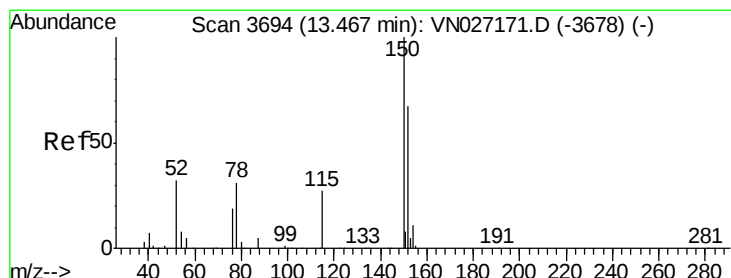
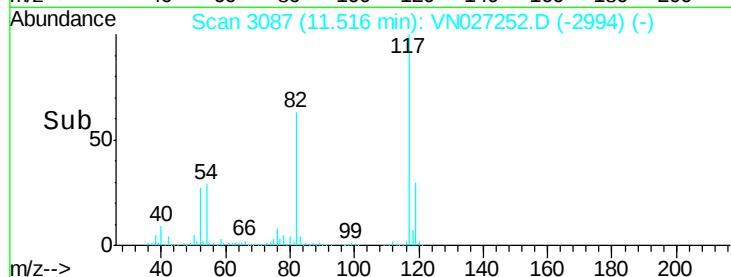
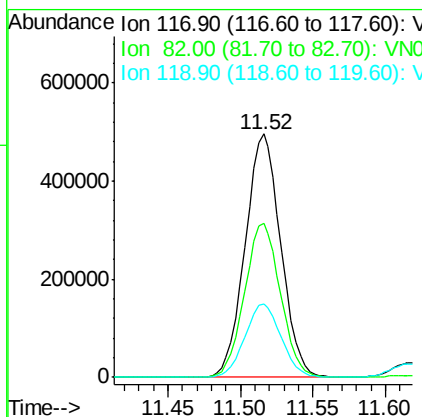
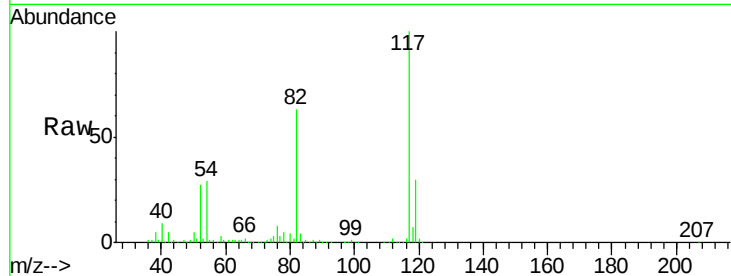
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	117	Resp:	847374
Ion Ratio	Lower	Upper	
117	100		
82	63.3	49.6	74.4
119	30.3	24.6	36.8

Manual Integrations
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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: VN027252.D

Acq: 17 Sep 2015 13:49

Tgt Ion:	152	Resp:	306019
Ion Ratio	Lower	Upper	
152	100		
115	66.3	30.8	92.3
150	160.3	0.0	345.0

