

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027255.D
 Acq On : 17 Sep 2015 15:12
 Operator : MD\FY
 Sample : G3663-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-2

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:23:08 PM

Quant Time: Sep 18 03:07:28 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	728937	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1318809	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1102166	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	377355	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	732273	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
36) Dibromofluoromethane	7.68	113	469111	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
51) Toluene-d8	10.19	98	1909491	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
63) 4-Bromofluorobenzene	12.52	95	624375	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
Target Compounds						
17) Acetone	3.85	43	12698m	3.15	ug/l	Qvalue
20) Methyl tert-butyl Ether	5.12	73	51218	1.36	ug/l	100
53) Toluene	10.26	92	14899	0.56	ug/l	99
69) m/p-Xylenes	11.72	106	4632	0.27	ug/l	94

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

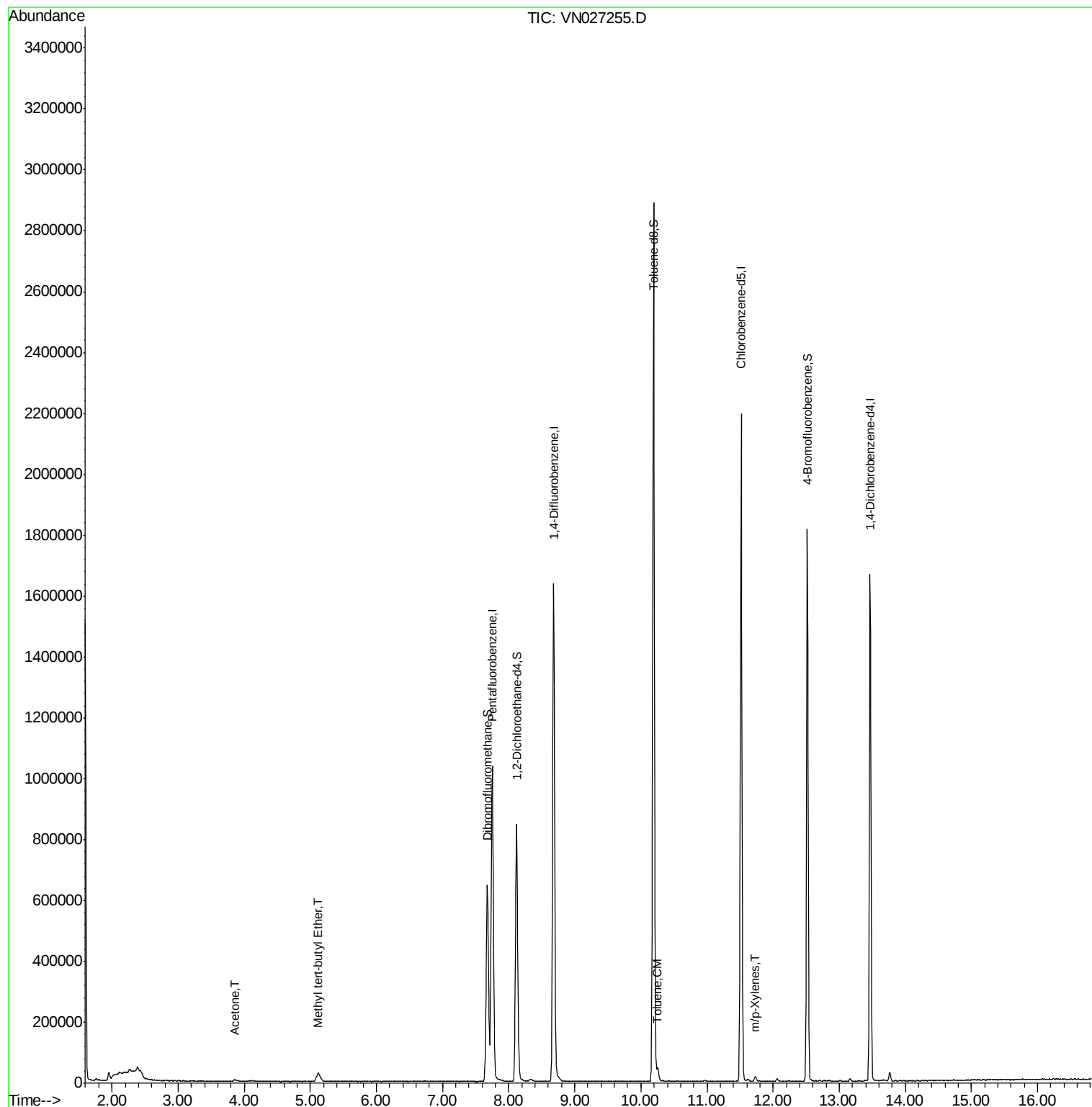
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
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Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027255.D

Acq: 17 Sep 2015 15:12

Instrument :

MSVOA_N

ClientSampled :

GW-2

Tot Ion:168 Resp: 728937

Ion Ratio Lower Upper

168 100

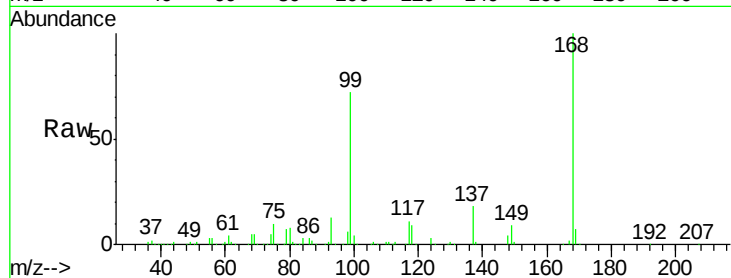
99 71.9 50.4 75.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.75

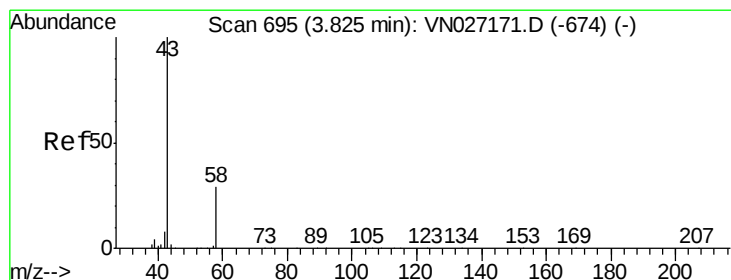
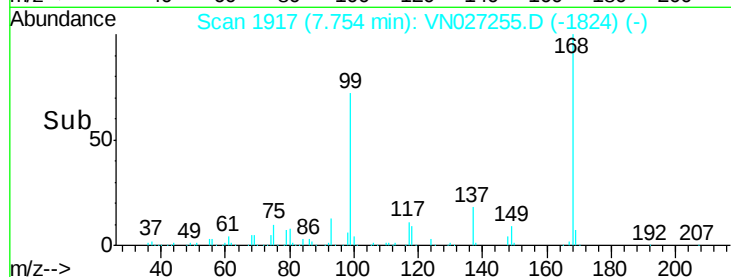
300000

200000

100000

0

Time-->



#17

Acetone

Concen: 3.15 ug/l m

RT: 3.85 min Scan# 703

Delta R.T. 0.03 min

Lab File: VN027255.D

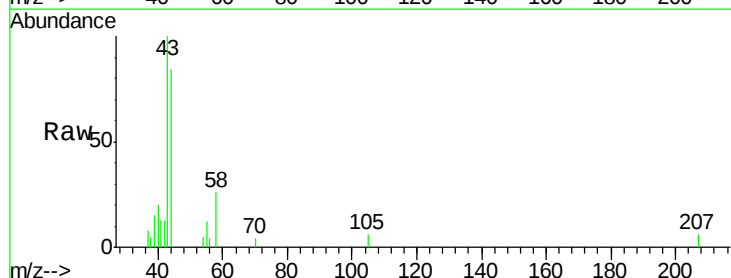
Acq: 17 Sep 2015 15:12

Tgt Ion: 43 Resp: 12698

Ion Ratio Lower Upper

43 100

58 25.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.85

4000

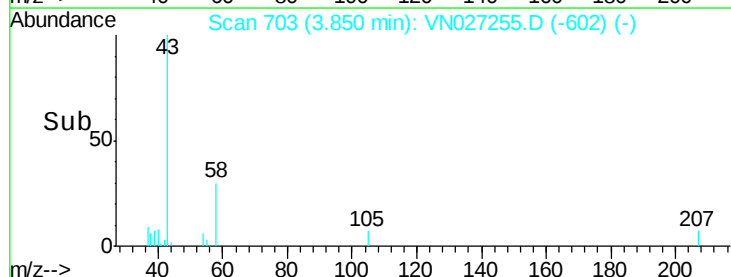
3000

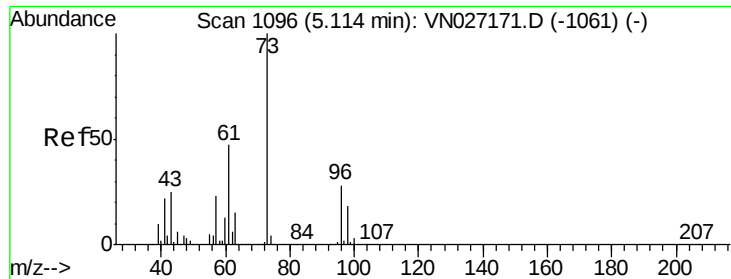
2000

1000

0

Time-->





#20

Methvl tert-butvl Ether

Concen: 1.36 ug/l

RT: 5.12 min Scan# 1097

Delta R.T. 0.00 min

Lab File: VN027255.D

Acq: 17 Sep 2015 15:12

Instrument :

MSVOA_N

ClientSampled :

GW-2

Tot Ion: 73 Resp: 51218

Ion Ratio Lower Upper

73 100

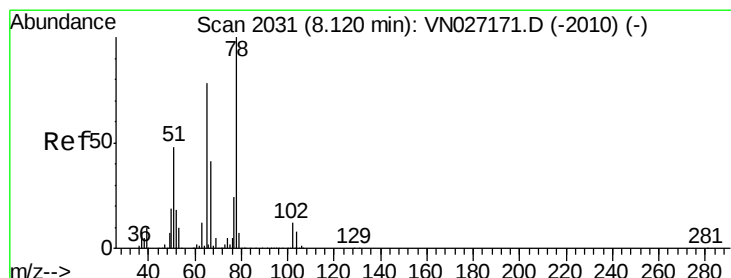
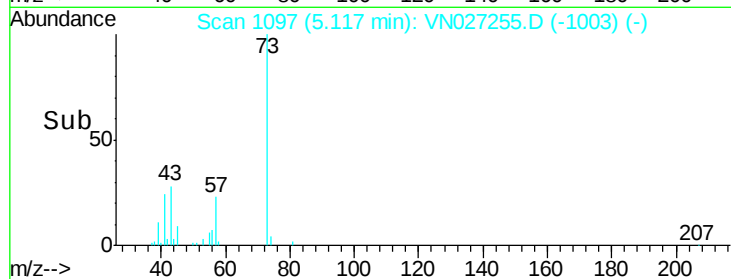
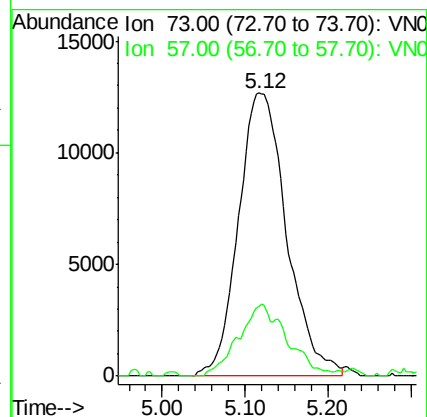
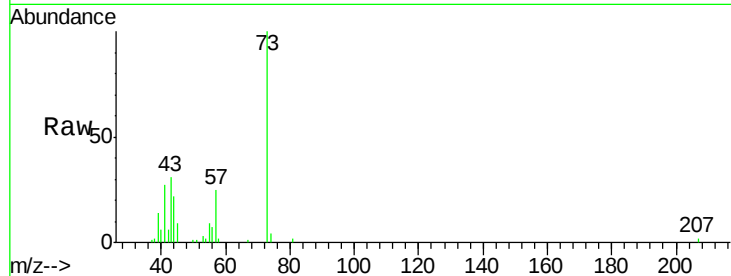
57 24.6 19.8 29.6

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#34

1,2-Dichloroethane-d4

Concen: 49.03 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027255.D

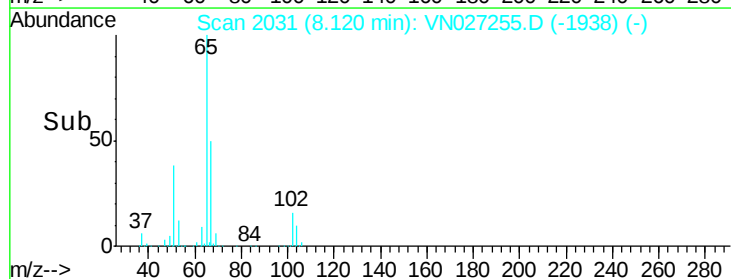
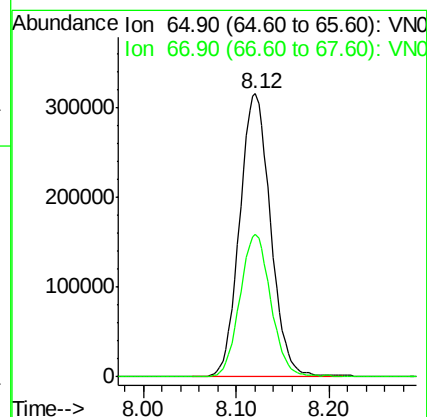
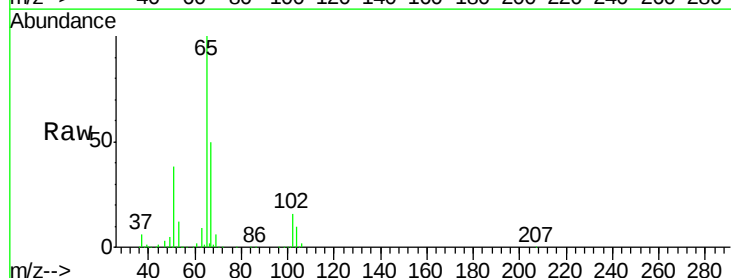
Acq: 17 Sep 2015 15:12

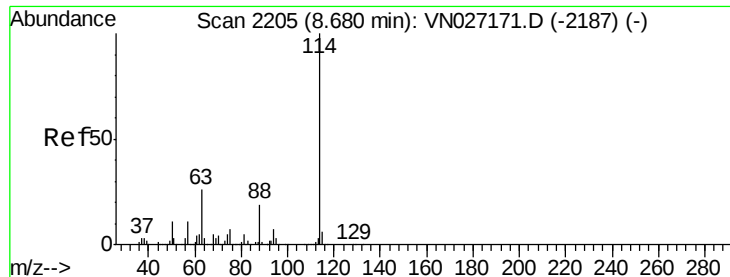
Tgt Ion: 65 Resp: 732273

Ion Ratio Lower Upper

65 100

67 50.3 0.0 110.6





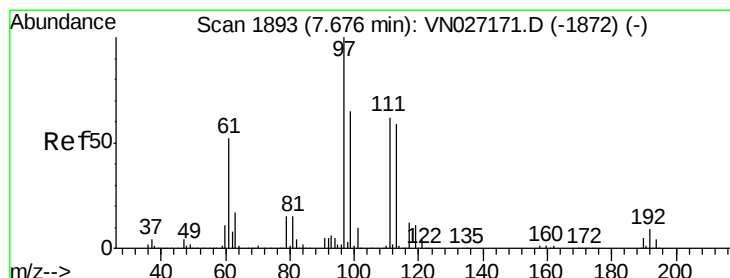
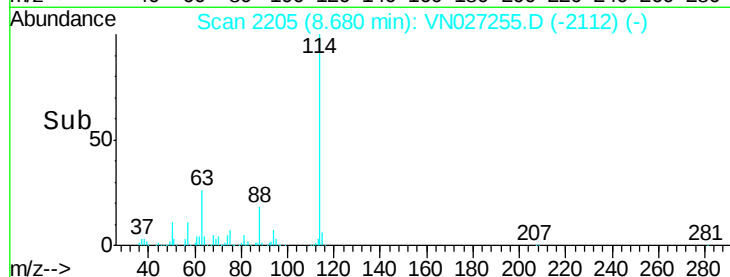
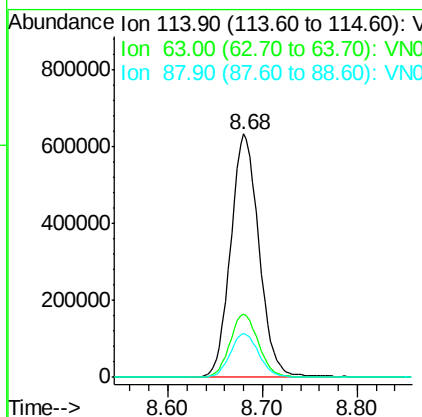
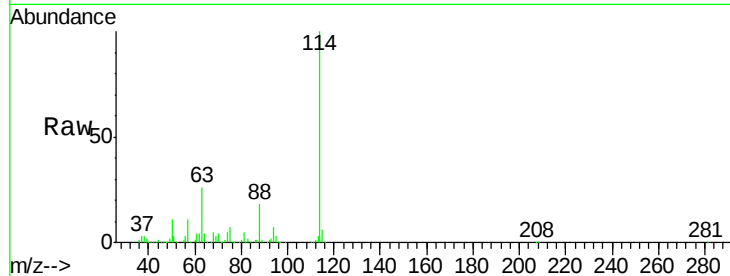
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027255.D
 Acq: 17 Sep 2015 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.1	0.0	48.8
88	18.2	0.0	32.2

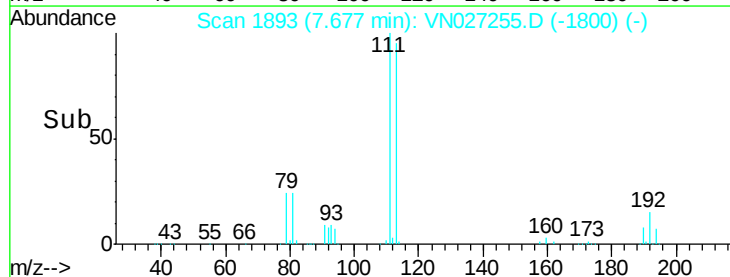
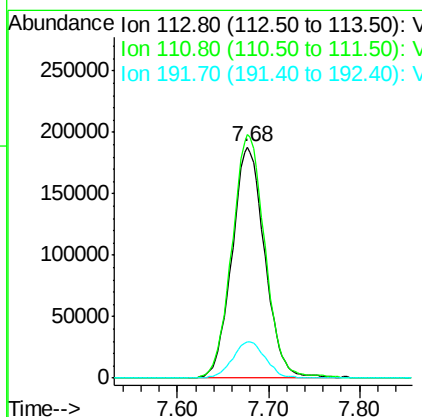
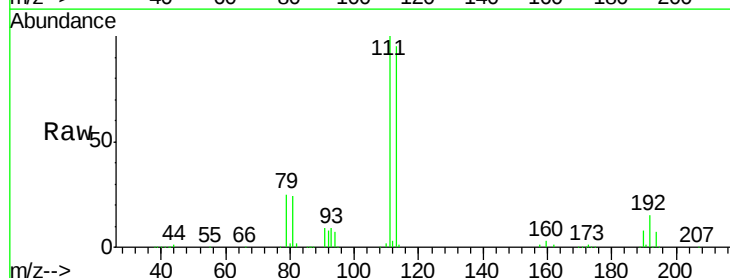
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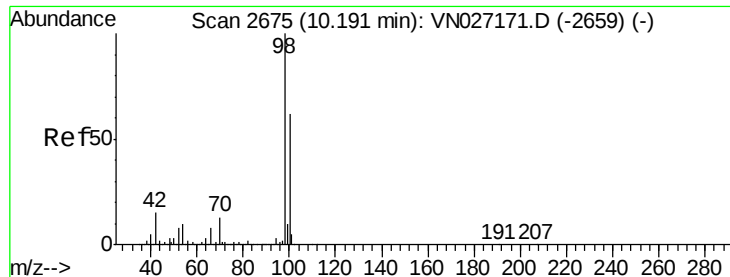
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#36
 Dibromofluoromethane
 Concen: 51.32 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027255.D
 Acq: 17 Sep 2015 15:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.2	83.0	124.4
192	15.8	14.1	21.1





#51

Toluene-d8

Concen: 53.35 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027255.D

Acq: 17 Sep 2015 15:12

Instrument :

MSVOA_N

ClientSampled :

GW-2

Tot Ion: 98 Resp: 1909491

Ion Ratio Lower Upper

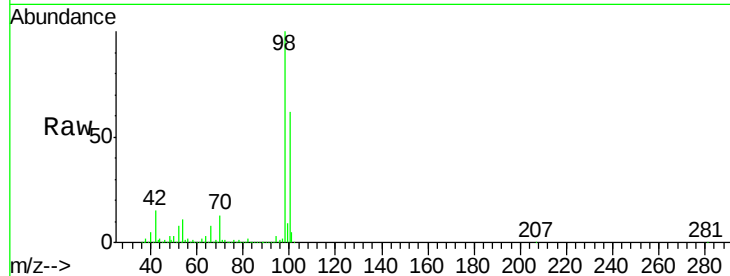
98 100

100 62.8 50.5 75.7

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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1200000

1000000

800000

600000

400000

200000

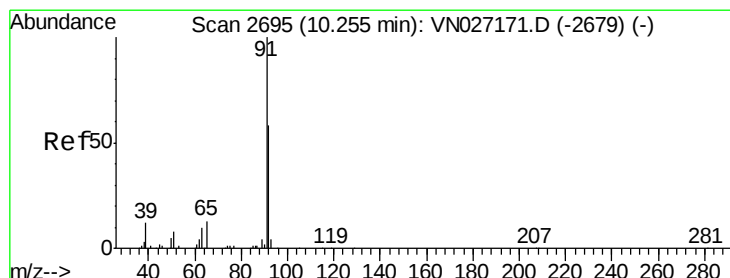
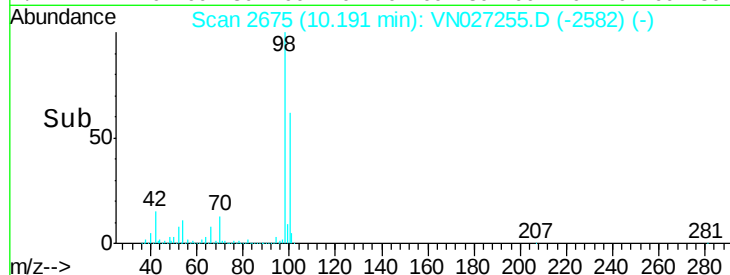
0

10.10

10.20

10.30

Time-->



#53

Toluene

Concen: 0.56 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027255.D

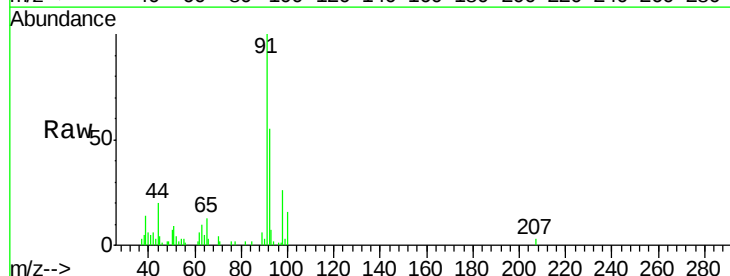
Acq: 17 Sep 2015 15:12

Tgt Ion: 92 Resp: 14899

Ion Ratio Lower Upper

92 100

91 175.6 141.4 212.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

15000

10000

5000

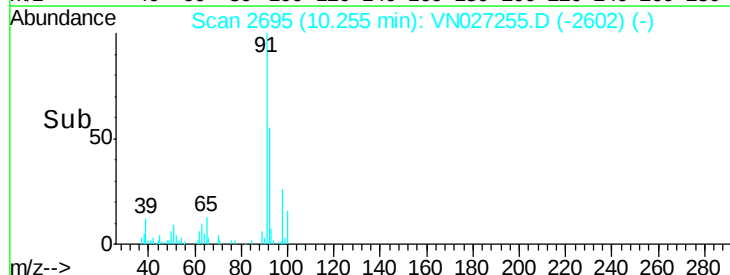
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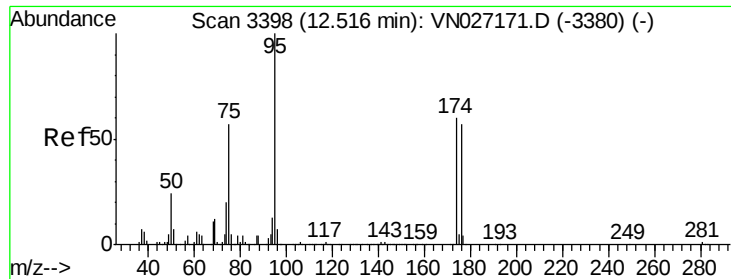
10.20

10.25

10.30

Time-->





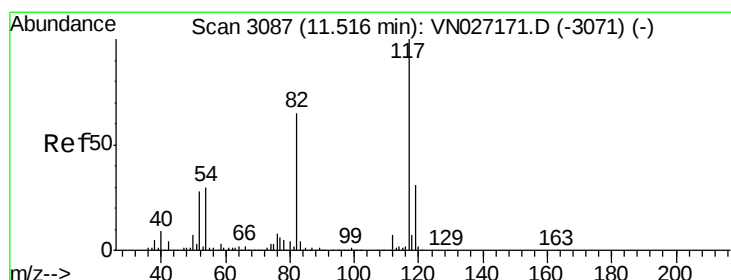
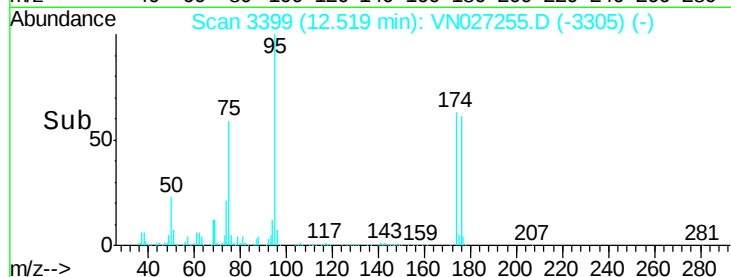
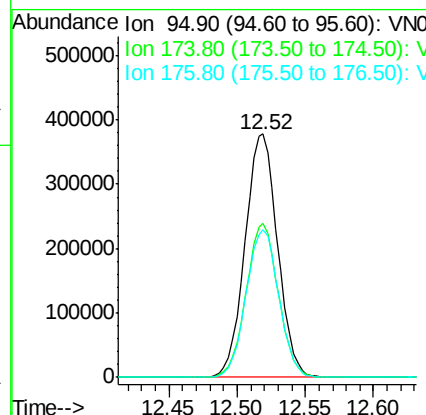
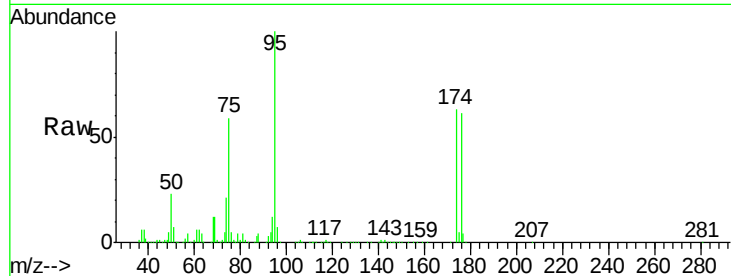
#63
4-Bromofluorobenzene
Concen: 49.15 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027255.D
Acq: 17 Sep 2015 15:12

Instrument :
MSVOA_N
ClientSampled :
GW-2

Tot Ion	Ratio	Resp	Lower	Upper
95	100	624375		
174	62.9	0.0	137.0	
176	61.2	0.0	130.8	

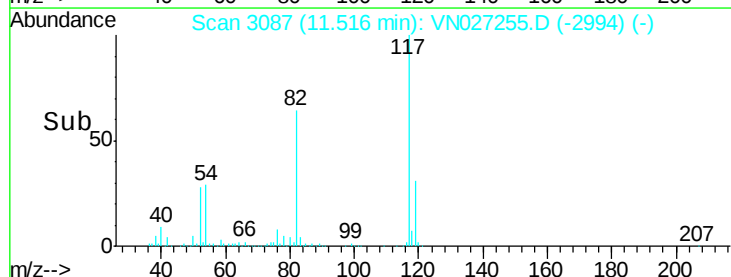
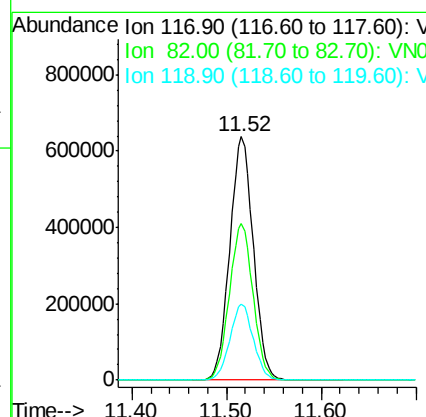
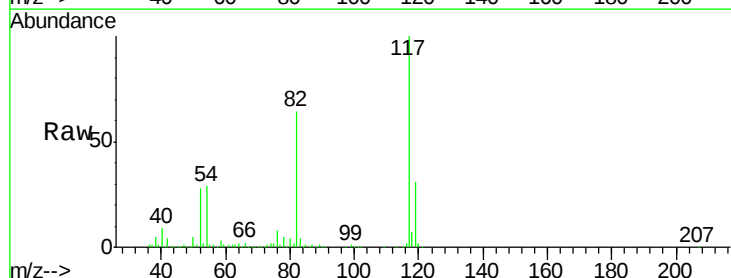
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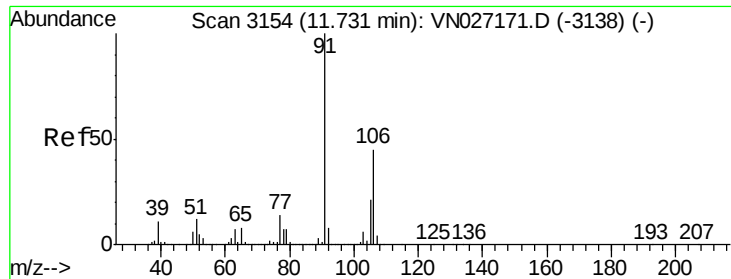
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#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027255.D
Acq: 17 Sep 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1102166		
82	64.2	49.6	74.4	
119	31.4	24.6	36.8	





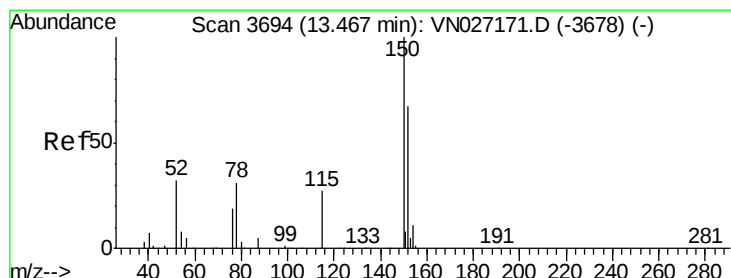
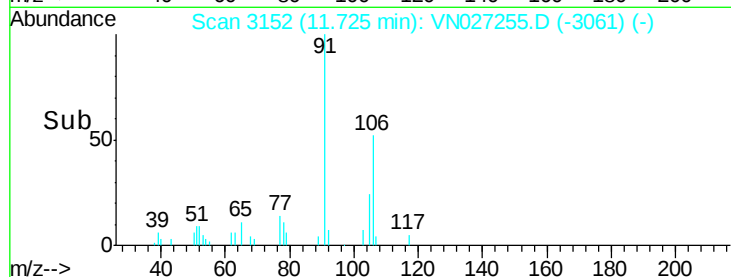
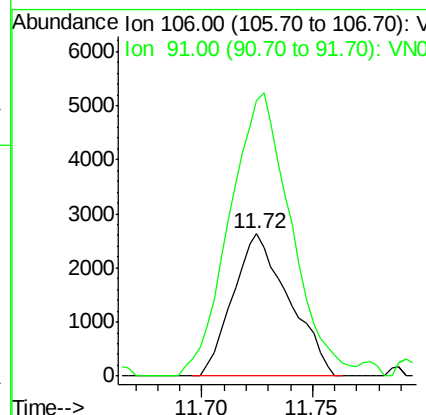
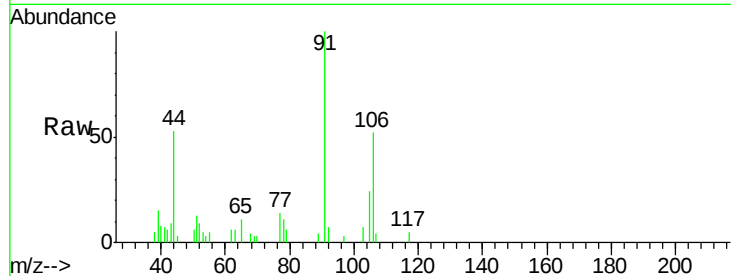
#69
m/p-Xvlenes
Concen: 0.27 ug/l
RT: 11.72 min Scan# 3152
Delta R.T. -0.01 min
Lab File: VN027255.D
Acq: 17 Sep 2015 15:12

Instrument :
MSVOA_N
ClientSampled :
GW-2

Tot Ion:106 Resp: 4632
Ion Ratio Lower Upper
106 100
91 218.5 167.1 250.7

Manual Integrations
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#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN027255.D
Acq: 17 Sep 2015 15:12

Tgt Ion:152 Resp: 377355
Ion Ratio Lower Upper
152 100
115 67.7 30.8 92.3
150 155.2 0.0 345.0

