

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
 Data File : VH057105.D
 Acq On : 22 Sep 2015 15:15
 Operator : SY/FY
 Sample : G3748-04ME 20X
 Misc : 12.84g/5mL//100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 MGP205-10-12

Manual Integrations
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MMDadoda
 9/23/2015 11:46:51 AM

Quant Time: Sep 23 05:11:36 2015
 Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:34:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.83	168	813232	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.55	114	1468840	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.70	117	1149758	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.48	152	355714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.79	65	586265	40.37	ug/l	-0.02
Spiked Amount 50.000	Range 66 - 150		Recovery =	80.74%		
35) Dibromofluoromethane	4.06	113	552779	47.27	ug/l	-0.03
Spiked Amount 50.000	Range 76 - 130		Recovery =	94.54%		
48) Toluene-d8	7.49	98	1523868	45.32	ug/l	-0.03
Spiked Amount 50.000	Range 78 - 121		Recovery =	90.64%		
62) 4-Bromofluorobenzene	11.34	95	544912	48.05	ug/l	-0.01
Spiked Amount 50.000	Range 70 - 131		Recovery =	96.10%		

Target Compounds

						Qvalue
39) Benzene	4.58	78	413617	10.76	ug/l	94
50) Toluene	7.57	92	56401	2.29	ug/l	94
67) Ethyl Benzene	9.83	106	358184	29.91	ug/l	96
68) m/p-Xylenes	10.06	106	270346	18.56	ug/l	89
69) o-Xylene	10.65	106	275381	19.69	ug/l	96
73) Isopropylbenzene	11.06	105	175363	5.40	ug/l	92
78) n-propylbenzene	11.53	91	77101	2.22	ug/l	97
80) 1,3,5-Trimethylbenzene	11.77	105	182540	8.60	ug/l	95
84) 1,2,4-Trimethylbenzene	12.13	105	605976	27.66	ug/l	99
86) p-Isopropyltoluene	12.39	119	48067m	2.95	ug/l	
95) Naphthalene	14.37	128	11437395	1147.56	ug/l #	78

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

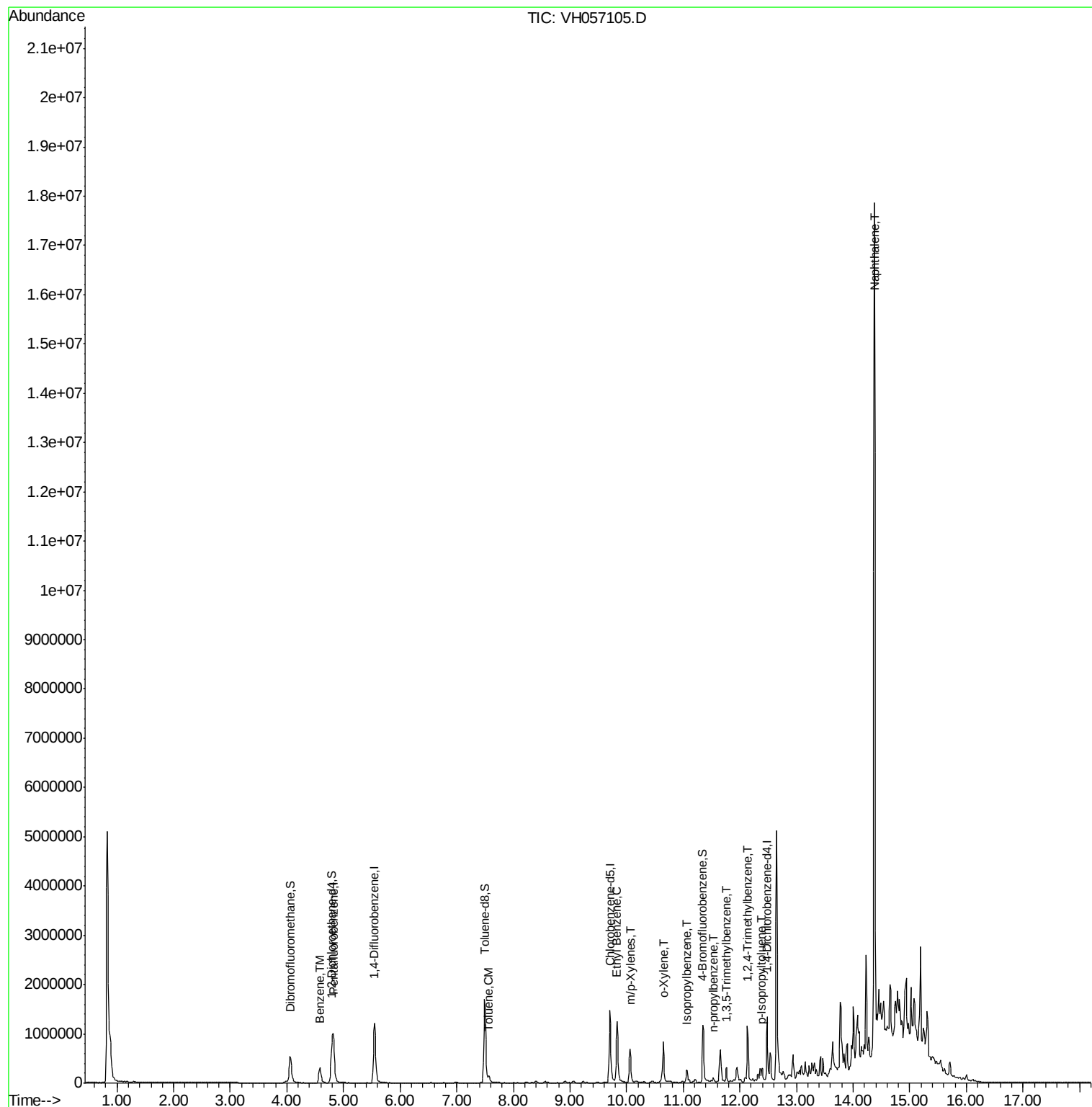
Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
Data File : VH057105.D
Acq On : 22 Sep 2015 15:15
Operator : SY/FY
Sample : G3748-04ME 20X
Misc : 12.84g/5mL//100uL/5mL/MSVOA_H/MEOH
ALS Vial : 6 Sample Multiplier: 1

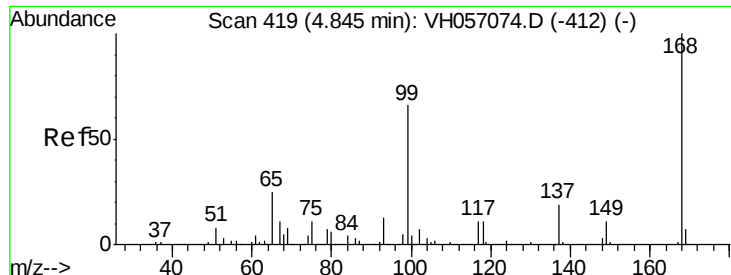
Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

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9/23/2015 11:46:51 AM

Quant Time: Sep 23 05:11:36 2015
Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:34:01 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.83 min Scan# 418

Delta R.T. -0.02 min

Lab File: VH057105.D

Acq: 22 Sep 2015 15:15

Instrument :

MSVOA_H

ClientSampleId :

MGP205-10-12

Tgt Ion:168 Resp: 813232

Ion Ratio Lower Upper

168 100

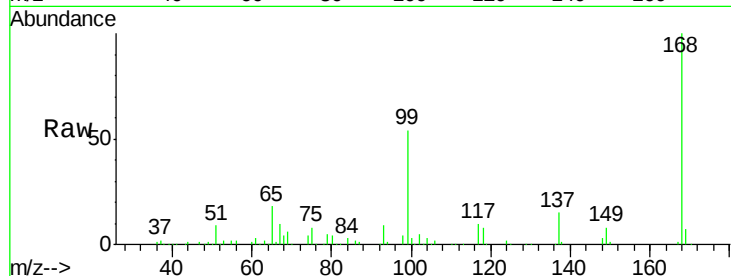
99 53.6 55.8 83.6#

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VHC

4.83

250000

200000

150000

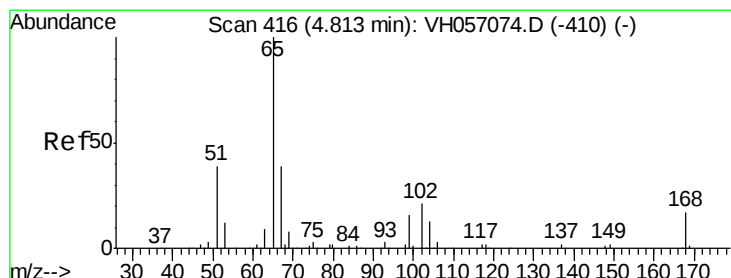
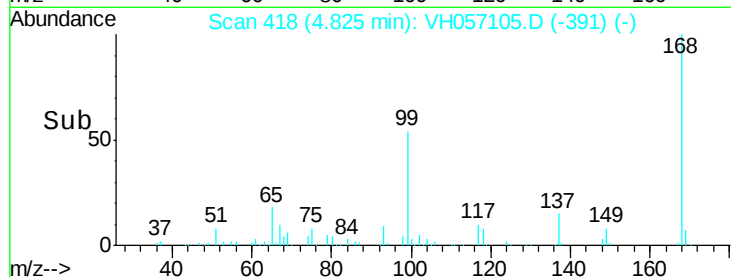
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50000

0

4.70 4.80 4.90 5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.37 ug/l

RT: 4.79 min Scan# 415

Delta R.T. -0.02 min

Lab File: VH057105.D

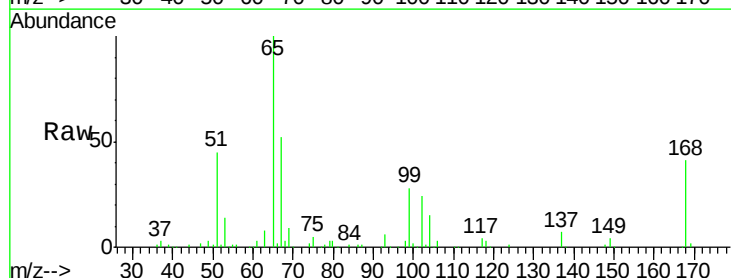
Acq: 22 Sep 2015 15:15

Tgt Ion: 65 Resp: 586265

Ion Ratio Lower Upper

65 100

67 51.9 43.2 64.8



Abundance Ion 65.00 (64.70 to 65.70): VHC

Ion 67.00 (66.70 to 67.70): VHC

4.79

200000

150000

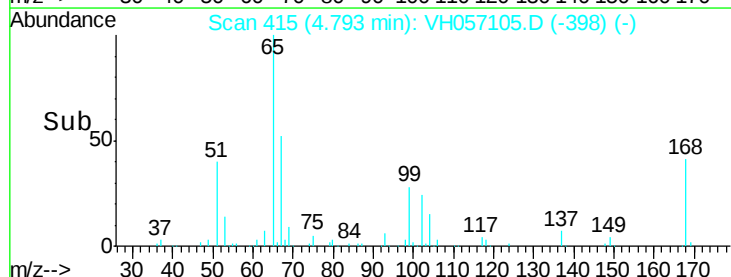
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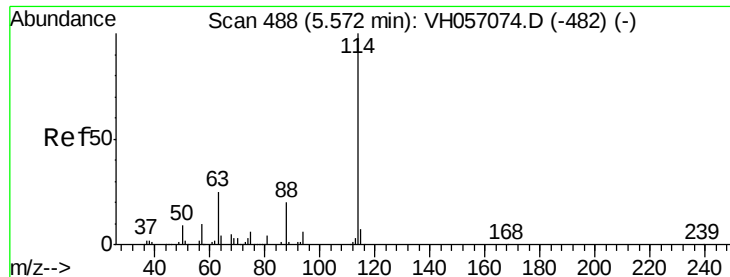
50000

0

4.70 4.80 4.90 5.00

Time-->





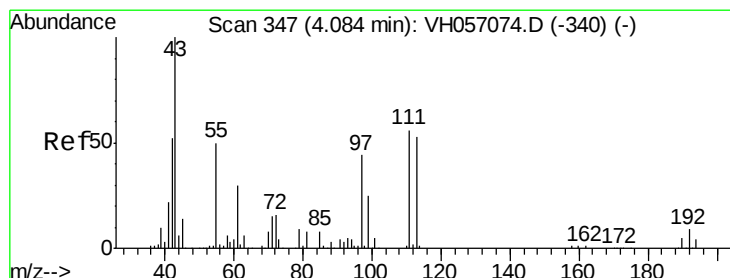
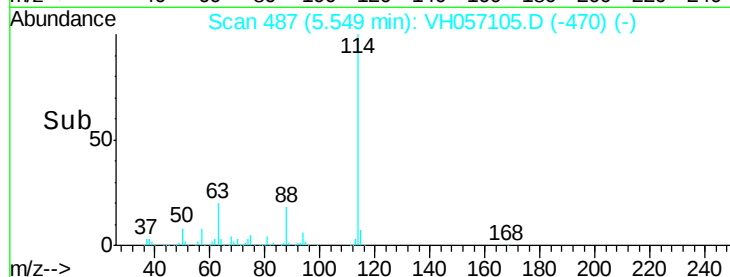
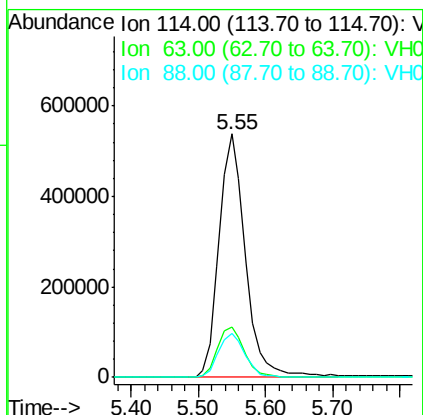
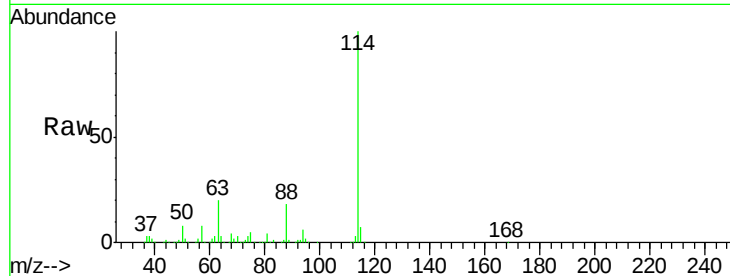
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: VH057105.D
 Acq: 22 Sep 2015 15:15

Instrument :
 MSVOA_H
 ClientSampleId :
 MGP205-10-12

Tgt Ion:114 Resp: 1468840
 Ion Ratio Lower Upper
 114 100
 63 20.4 19.0 28.4
 88 17.8 15.7 23.5

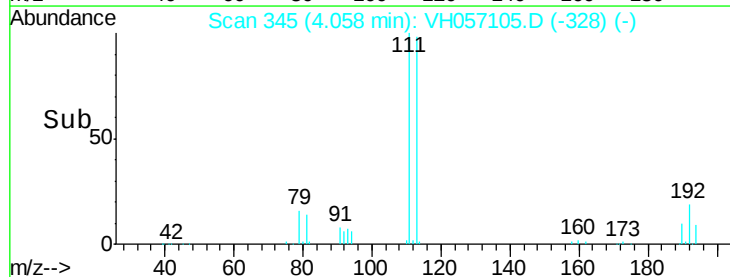
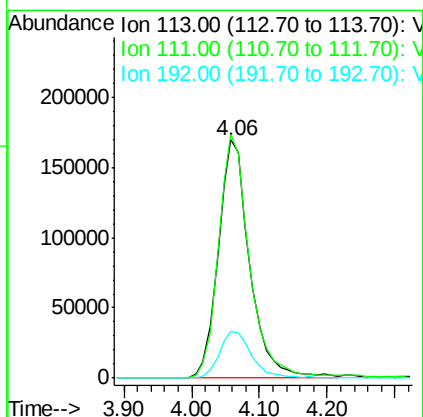
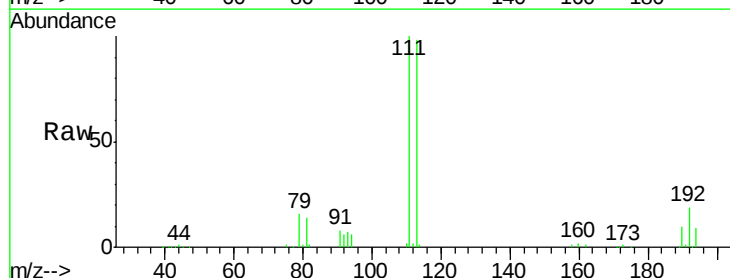
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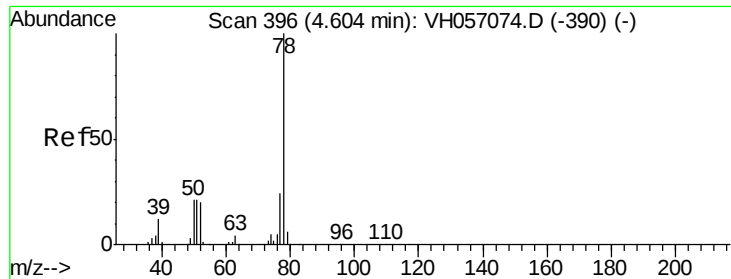
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#35
 Dibromofluoromethane
 Concen: 47.27 ug/l
 RT: 4.06 min Scan# 345
 Delta R.T. -0.03 min
 Lab File: VH057105.D
 Acq: 22 Sep 2015 15:15

Tgt Ion:113 Resp: 552779
 Ion Ratio Lower Upper
 113 100
 111 102.2 84.0 126.0
 192 19.6 13.6 20.4





#39

Benzene

Concen: 10.76 ug/l

RT: 4.58 min Scan# 395

Delta R.T. -0.02 min

Lab File: VH057105.D

Acq: 22 Sep 2015 15:15

Instrument :

MSVOA_H

ClientSampleId :

MGP205-10-12

Tgt Ion: 78 Resp: 413617

Ion Ratio Lower Upper

78 100

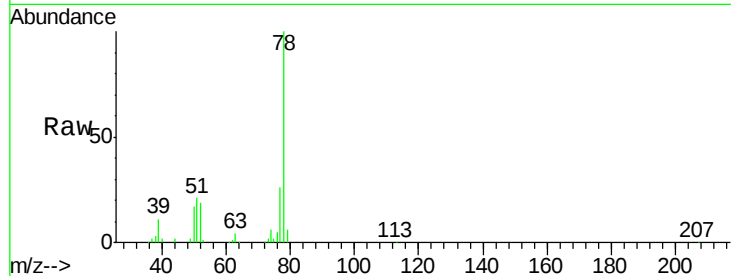
77 25.9 18.5 27.7

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Abundance Ion 78.10 (77.80 to 78.80): VH057105.D (-396) (-)

Ion 77.00 (76.70 to 77.70): VH057105.D (-396) (-)

4.58

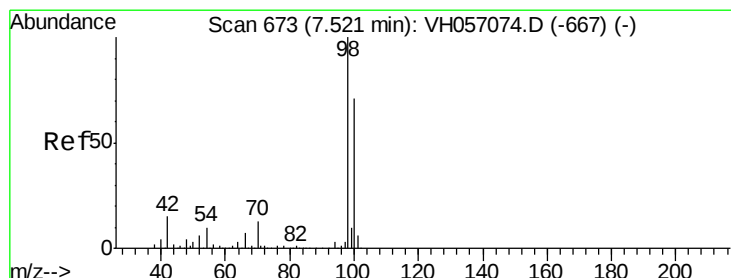
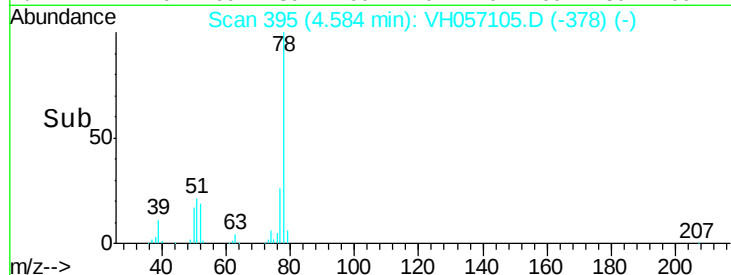
150000

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50000

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Time-->



#48

Toluene-d8

Concen: 45.32 ug/l

RT: 7.49 min Scan# 672

Delta R.T. -0.03 min

Lab File: VH057105.D

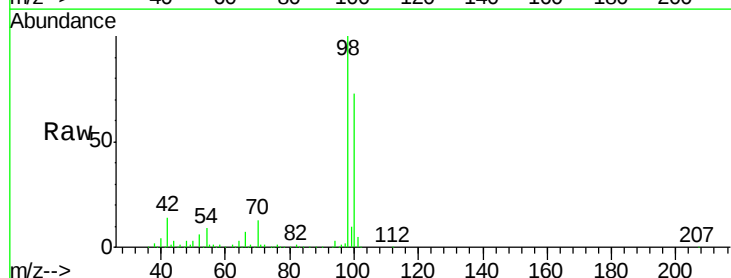
Acq: 22 Sep 2015 15:15

Tgt Ion: 98 Resp: 1523868

Ion Ratio Lower Upper

98 100

100 73.4 56.7 85.1



Abundance Ion 98.00 (97.70 to 98.70): VH057105.D (-655) (-)

Ion 100.00 (99.70 to 100.70): VH057105.D (-655) (-)

7.49

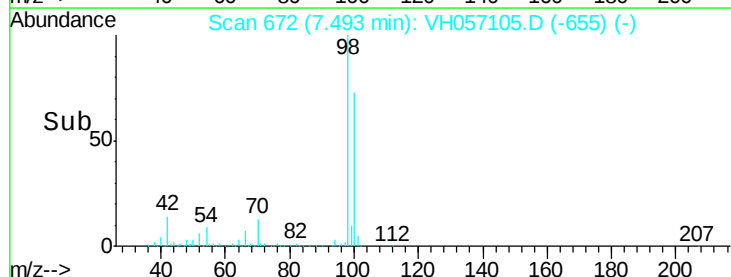
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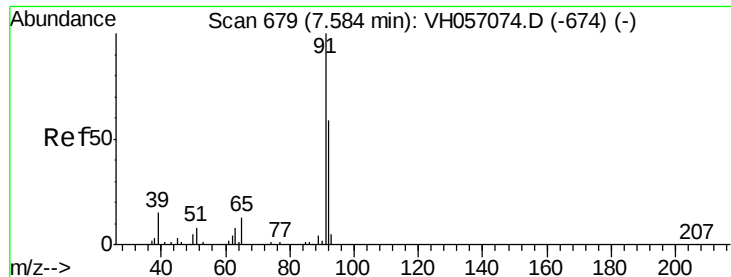
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200000

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Time-->





#50

Toluene

Concen: 2.29 ug/l

RT: 7.57 min Scan# 679

Delta R.T. -0.02 min

Lab File: VH057105.D

Acq: 22 Sep 2015 15:15

Instrument :

MSVOA_H

ClientSampleId :

MGP205-10-12

Tgt Ion: 92 Resp: 56401

Ion Ratio Lower Upper

92 100

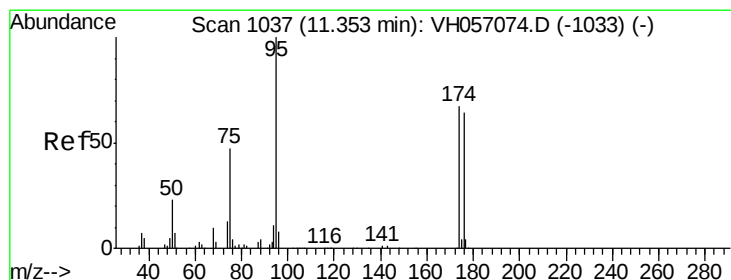
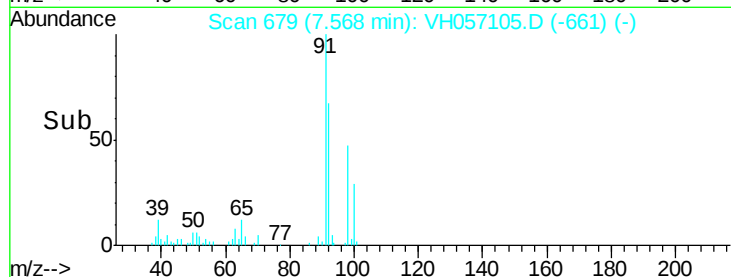
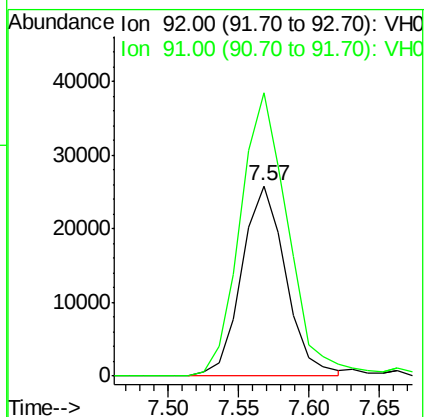
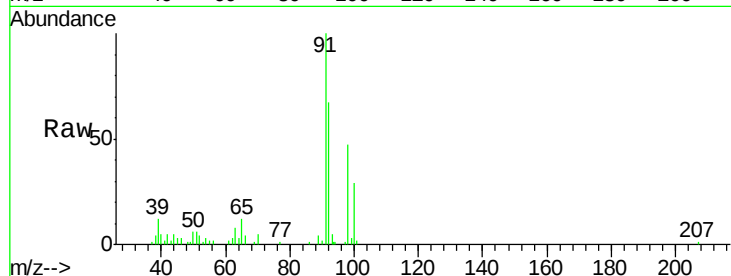
91 148.8 125.8 188.6

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#62

4-Bromofluorobenzene

Concen: 48.05 ug/l

RT: 11.34 min Scan# 1038

Delta R.T. -0.01 min

Lab File: VH057105.D

Acq: 22 Sep 2015 15:15

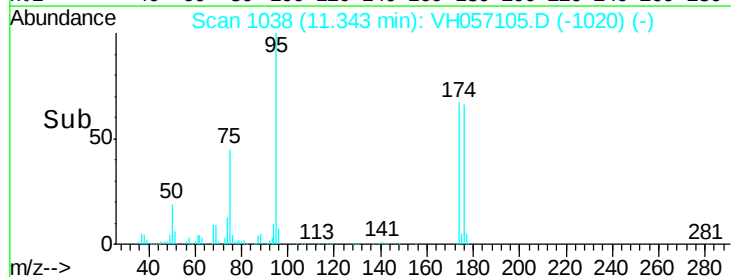
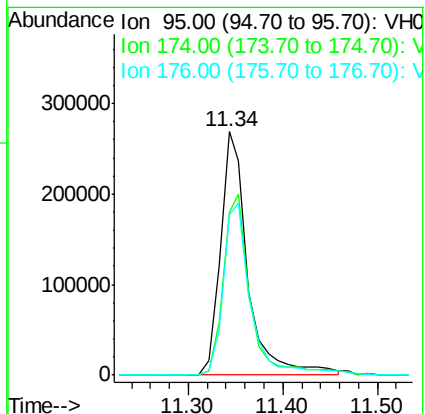
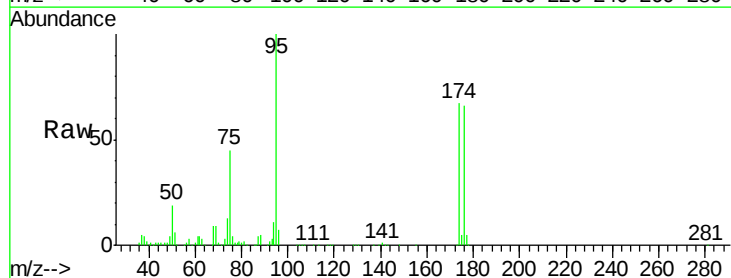
Tgt Ion: 95 Resp: 544912

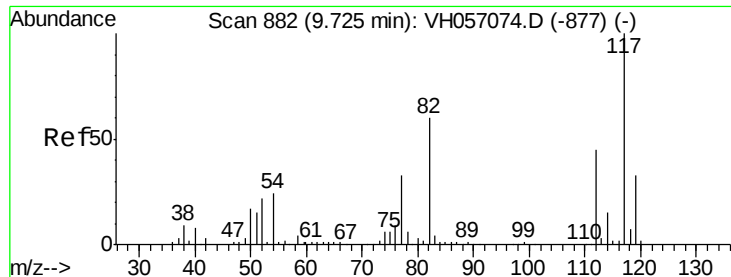
Ion Ratio Lower Upper

95 100

174 67.0 58.4 87.6

176 65.9 54.3 81.5





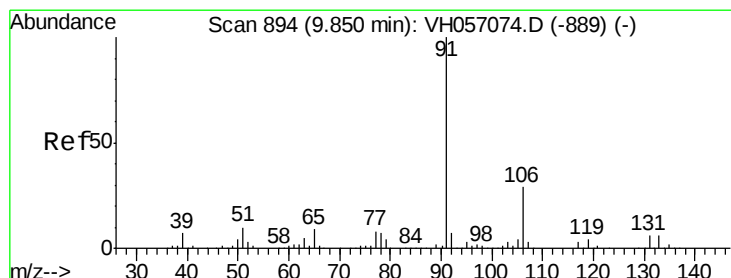
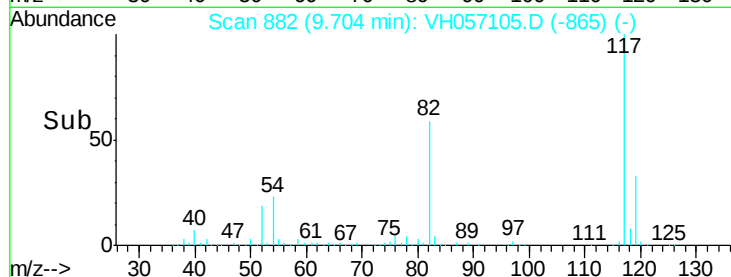
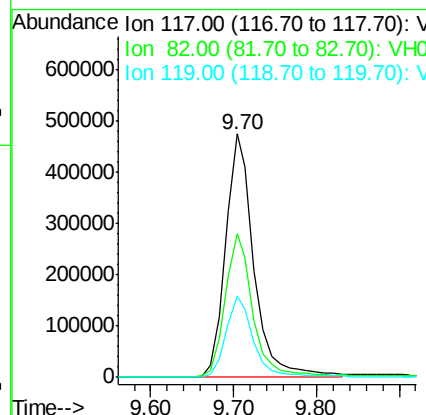
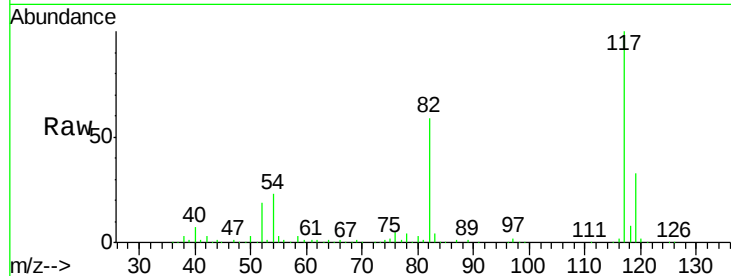
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.70 min Scan# 882
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion:117 Resp: 1149758
Ion Ratio Lower Upper
117 100
82 59.0 51.0 76.6
119 33.4 26.7 40.1

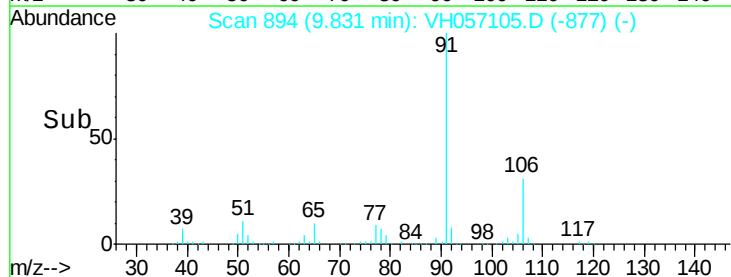
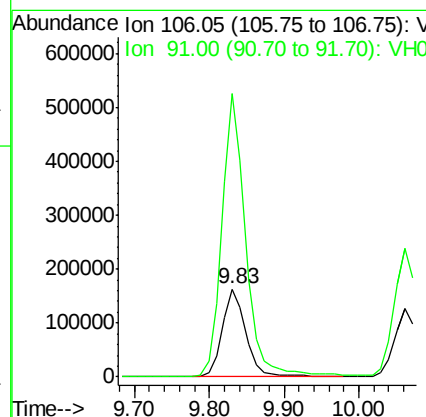
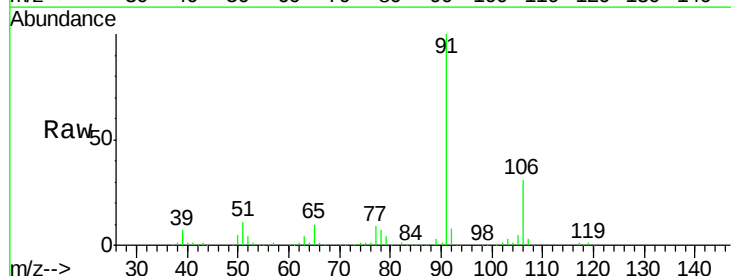
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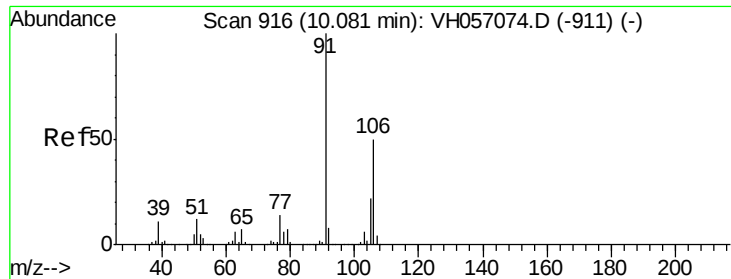
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#67
Ethyl Benzene
Concen: 29.91 ug/l
RT: 9.83 min Scan# 894
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion:106 Resp: 358184
Ion Ratio Lower Upper
106 100
91 322.3 264.9 397.3





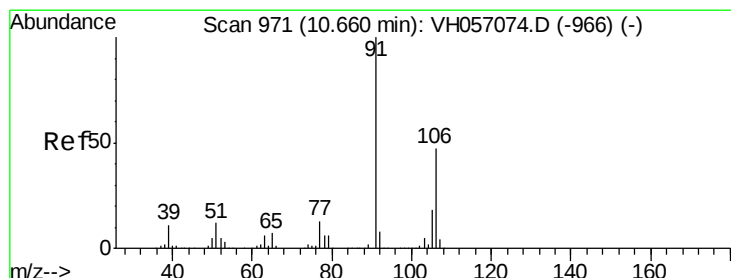
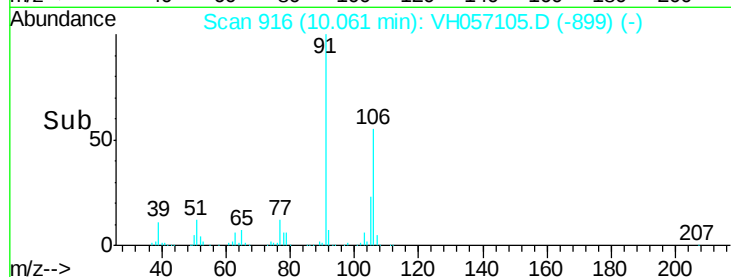
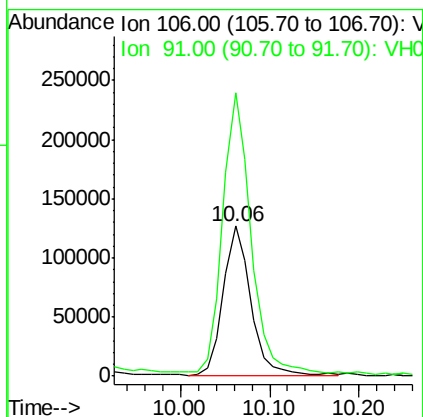
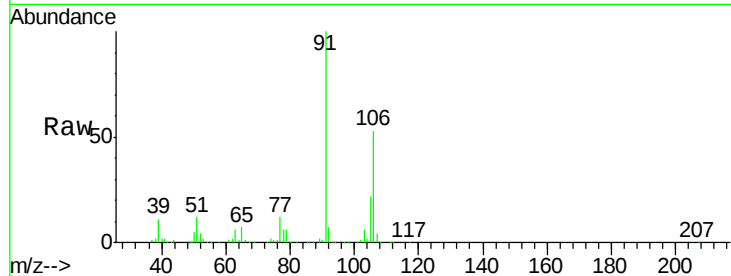
#68
m/p-Xylenes
Concen: 18.56 ug/l
RT: 10.06 min Scan# 916
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampled :
MGP205-10-12

Tgt Ion:106 Resp: 270346
Ion Ratio Lower Upper
106 100
91 189.0 164.4 246.6

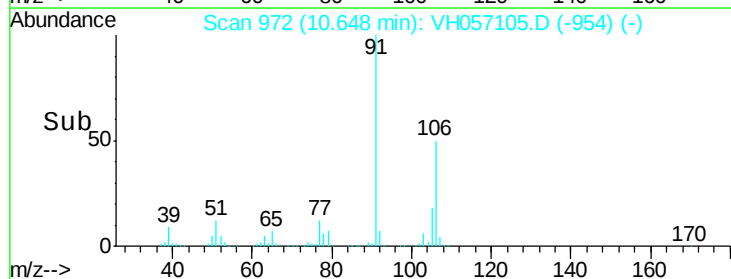
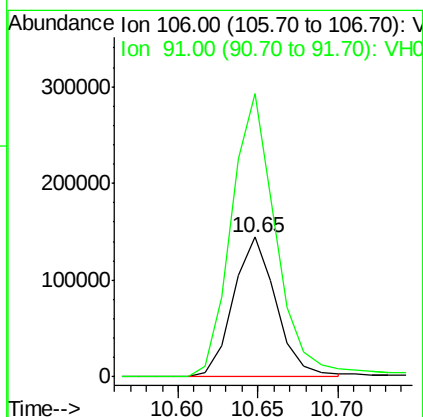
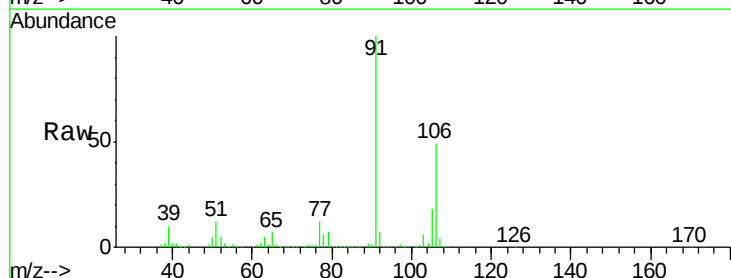
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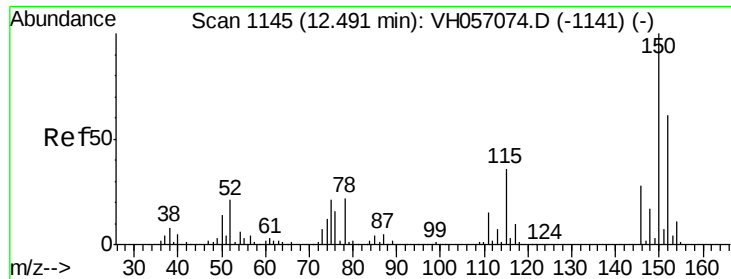
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9/23/2015 11:46:51 AM



#69
o-Xylene
Concen: 19.69 ug/l
RT: 10.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion:106 Resp: 275381
Ion Ratio Lower Upper
106 100
91 202.3 104.2 312.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.48 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VH057105.D

Acq: 22 Sep 2015 15:15

Instrument :

MSVOA_H

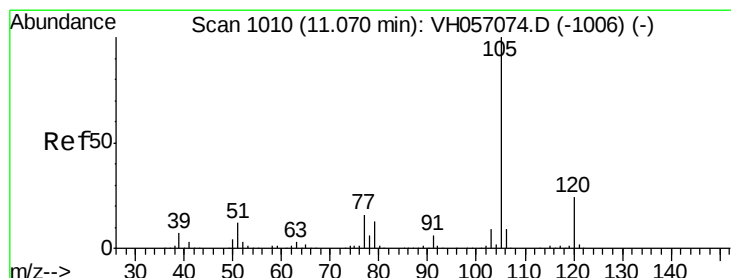
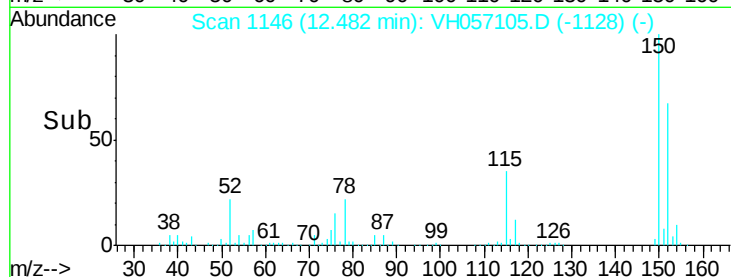
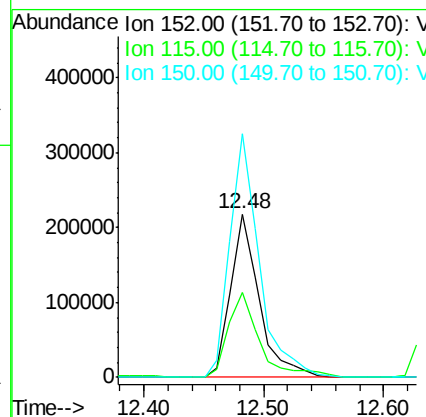
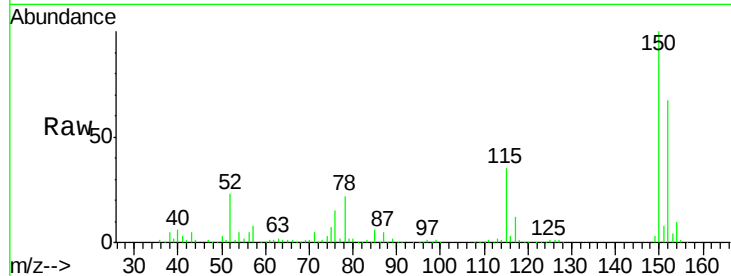
ClientSampleId :

MGP205-10-12

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	355714		
115	52.0	28.2	84.6	
150	148.9	0.0	332.0	

Manual Integrations
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#73

Isopropylbenzene

Concen: 5.40 ug/l

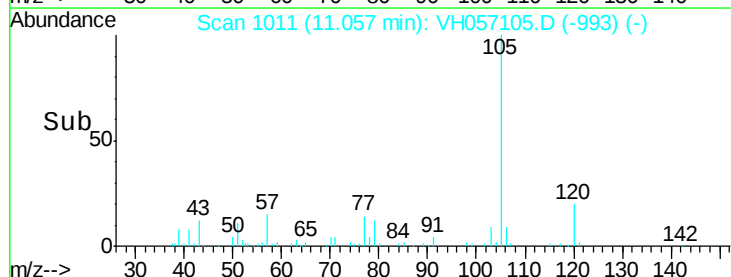
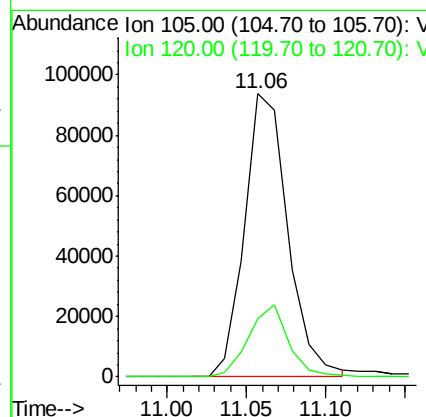
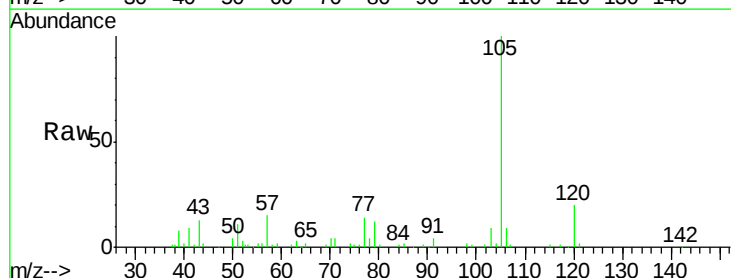
RT: 11.06 min Scan# 1011

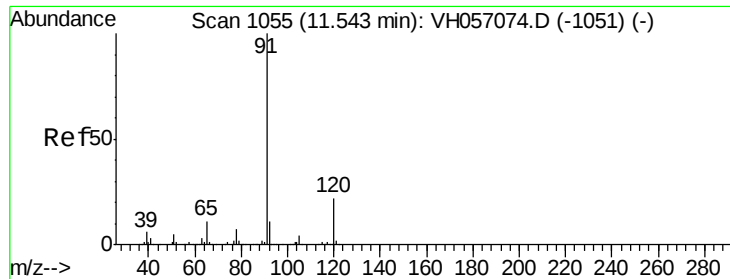
Delta R.T. -0.01 min

Lab File: VH057105.D

Acq: 22 Sep 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	175363		
120	20.5	12.2	36.4	





#78

n-propylbenzene

Concen: 2.22 ug/l

RT: 11.53 min Scan# 1056

Delta R.T. -0.01 min

Lab File: VH057105.D

Acq: 22 Sep 2015 15:15

Instrument :

MSVOA_H

ClientSampled :

MGP205-10-12

Tgt Ion: 91 Resp: 77101

Ion Ratio Lower Upper

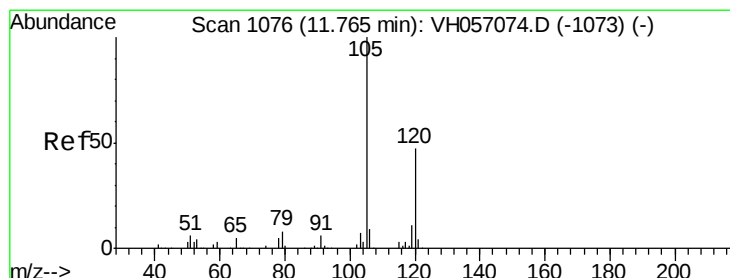
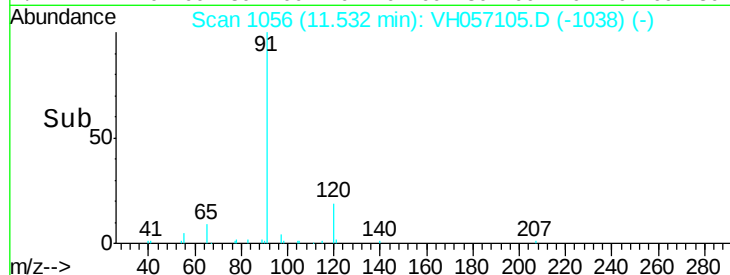
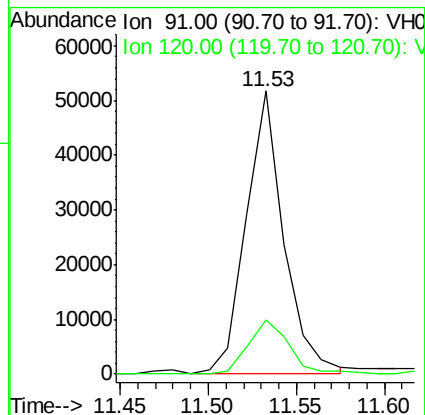
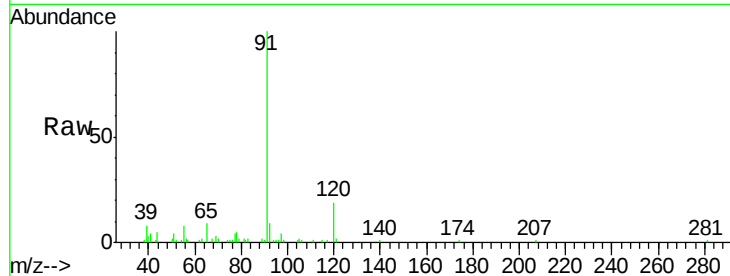
91 100

120 19.1 10.2 30.6

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#80

1,3,5-Trimethylbenzene

Concen: 8.60 ug/l

RT: 11.77 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VH057105.D

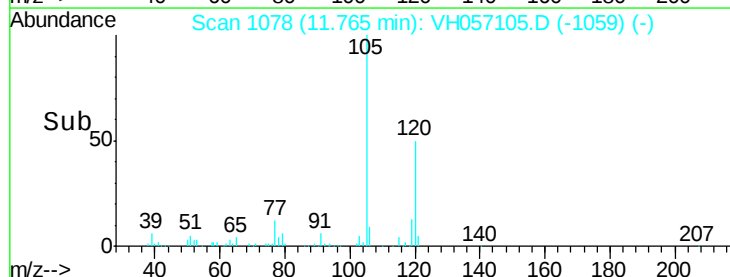
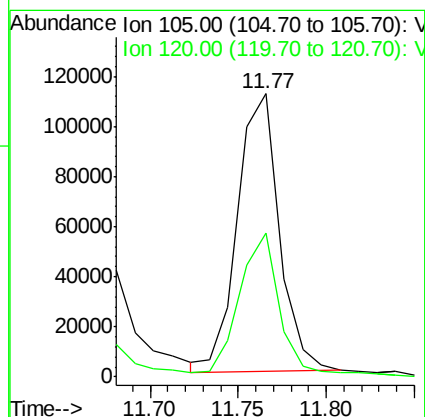
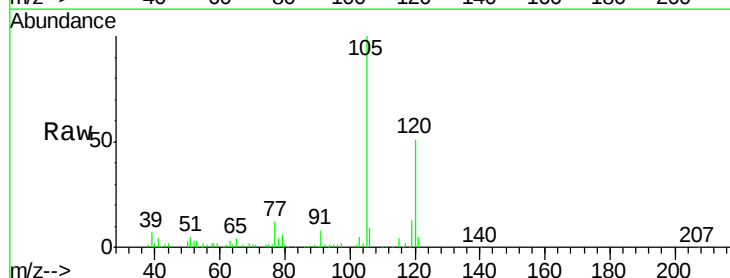
Acq: 22 Sep 2015 15:15

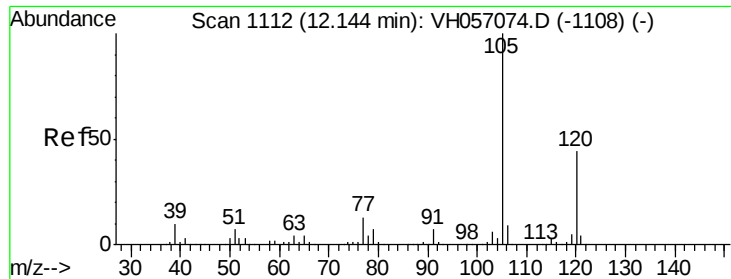
Tgt Ion: 105 Resp: 182540

Ion Ratio Lower Upper

105 100

120 50.6 23.6 71.0





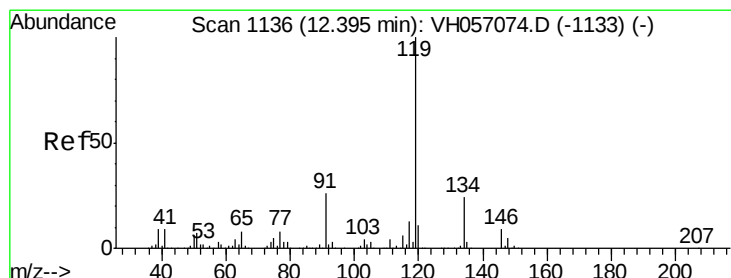
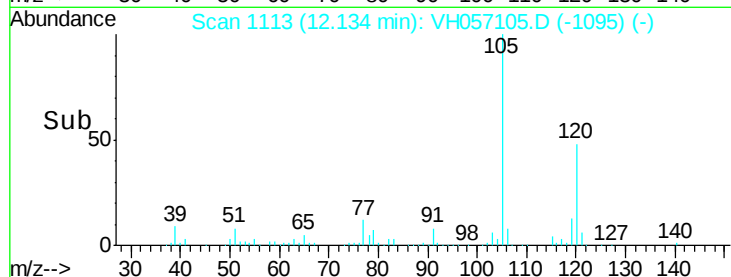
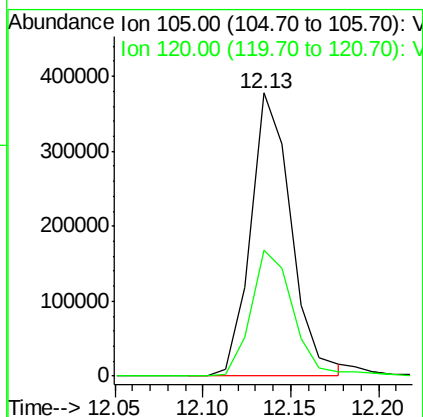
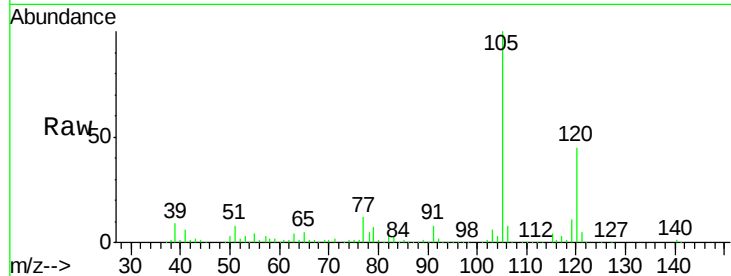
#84
 1,2,4-Trimethylbenzene
 Concen: 27.66 ug/l
 RT: 12.13 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VH057105.D
 Acq: 22 Sep 2015 15:15

Instrument :
 MSVOA_H
 ClientSampleId :
 MGP205-10-12

Tgt Ion:105 Resp: 605976
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.6 67.7

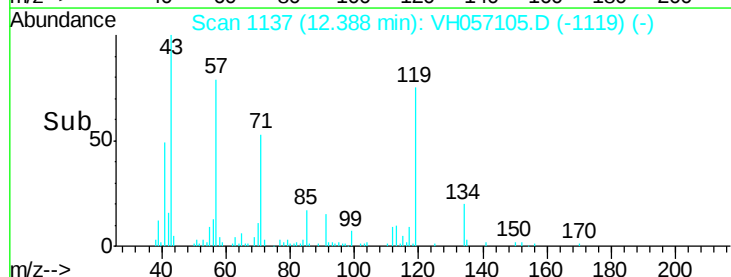
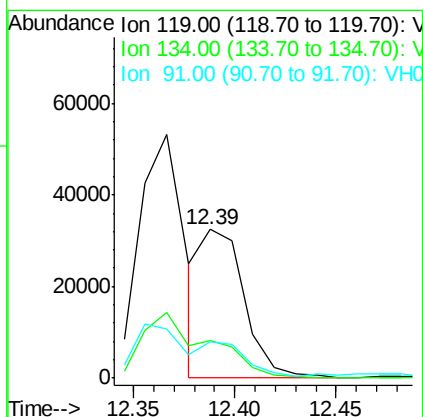
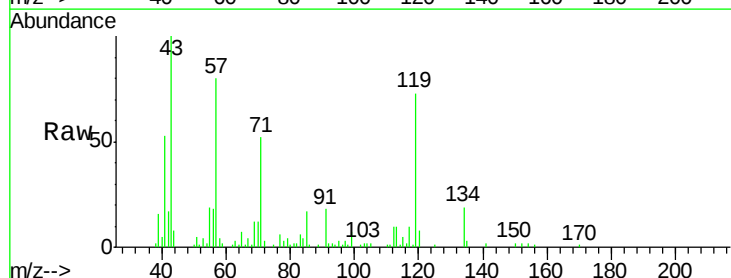
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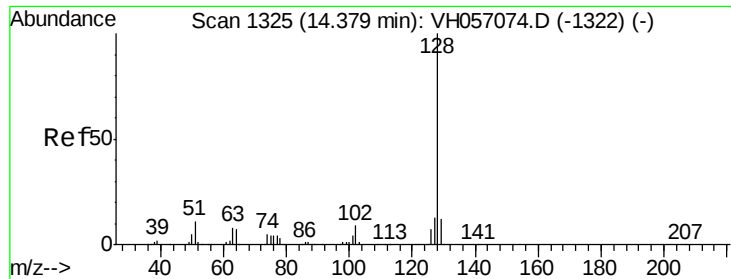
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#86
 p-Isopropyltoluene
 Concen: 2.95 ug/l m
 RT: 12.39 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VH057105.D
 Acq: 22 Sep 2015 15:15

Tgt Ion:119 Resp: 48067
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 38.9
 91 24.2 12.5 37.5





#95
Naphthalene
Concen: 1147.56 ug/l
RT: 14.37 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion:128 Resp:11437395
Ion Ratio Lower Upper
128 100
127 20.2 9.6 14.4#
129 19.3 8.7 13.1#

Manual Integrations
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