

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
 Data File : VH057102.D
 Acq On : 22 Sep 2015 12:48
 Operator : SY/FY
 Sample : VH0922MBL01
 Misc : 5.00g/10mL//100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 VH0922MBL01

Quant Time: Sep 23 04:50:51 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	4.81	168	977347	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.54	114	1666045	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.71	117	1260071	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.48	152	372897	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.79	65	726936	41.65	ug/l	-0.02
Spiked Amount 50.000	Range 66 - 150		Recovery =	83.30%		
35) Dibromofluoromethane	4.05	113	681034	51.34	ug/l	-0.04
Spiked Amount 50.000	Range 76 - 130		Recovery =	102.68%		
48) Toluene-d8	7.50	98	1832536	48.04	ug/l	-0.02
Spiked Amount 50.000	Range 78 - 121		Recovery =	96.08%		
62) 4-Bromofluorobenzene	11.34	95	607234	47.21	ug/l	0.00
Spiked Amount 50.000	Range 70 - 131		Recovery =	94.42%		

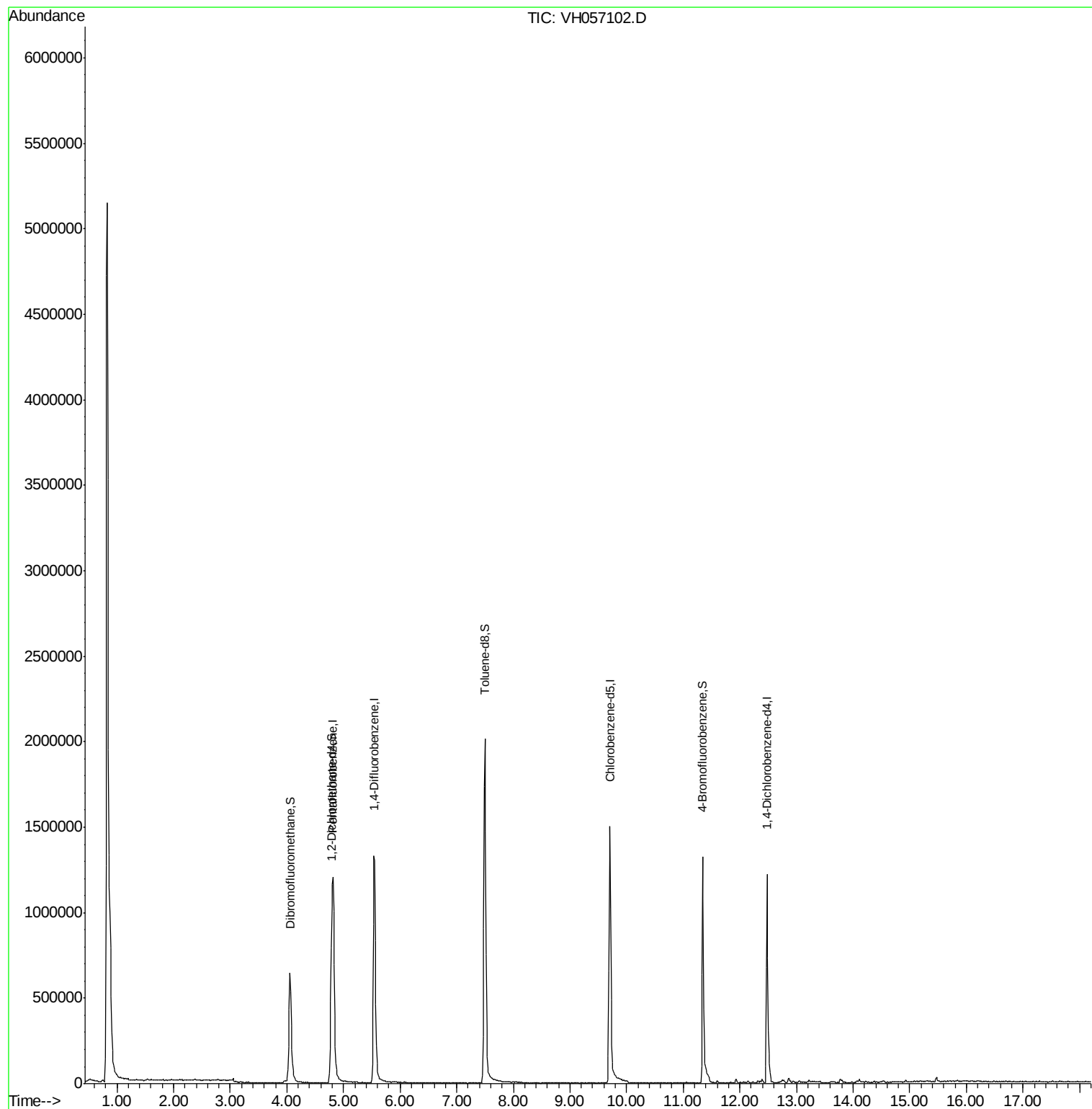
Target Compounds	Qvalue
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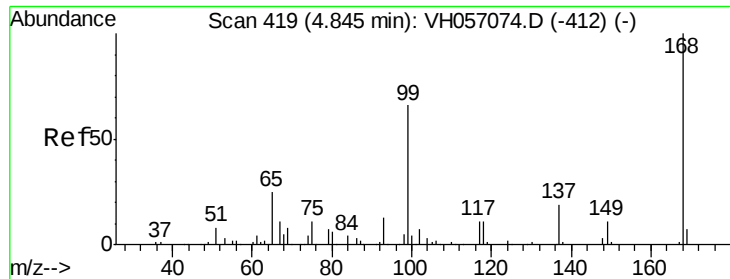
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.81 min Scan# 418

Delta R.T. -0.03 min

Lab File: VH057102.D

Acq: 22 Sep 2015 12:48

Instrument :

MSVOA_H

ClientSampleId :

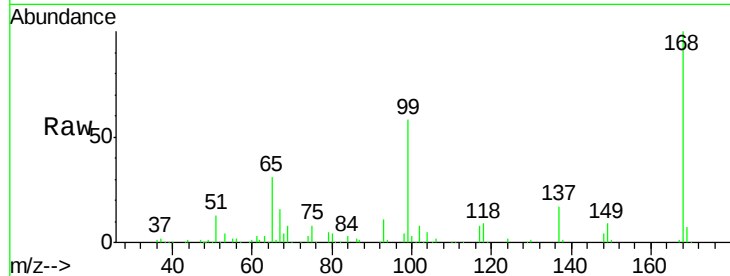
VH0922MBL01

Tgt Ion:168 Resp: 977347

Ion Ratio Lower Upper

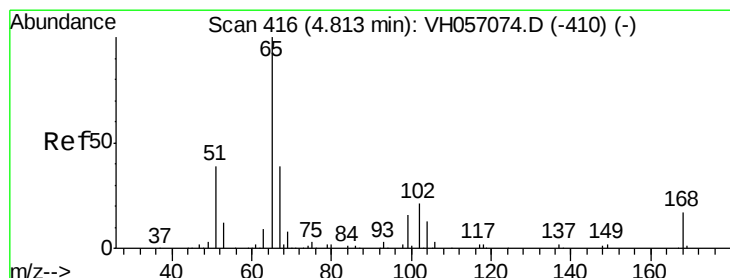
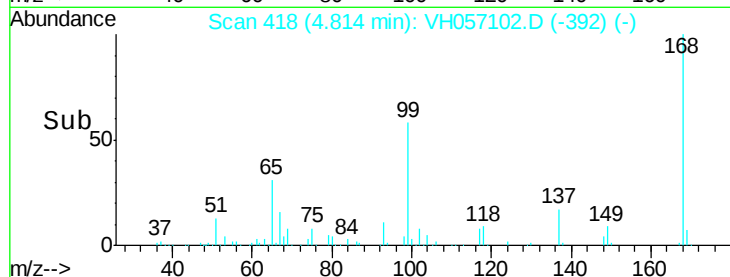
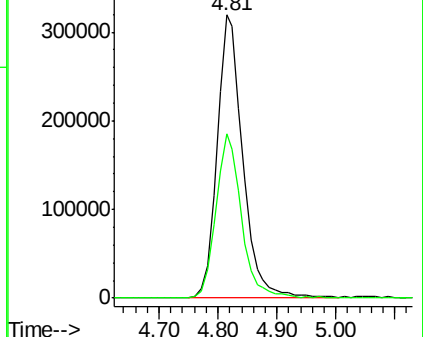
168 100

99 58.2 55.8 83.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VH0



#33

1,2-Dichloroethane-d4

Concen: 41.65 ug/l

RT: 4.79 min Scan# 416

Delta R.T. -0.02 min

Lab File: VH057102.D

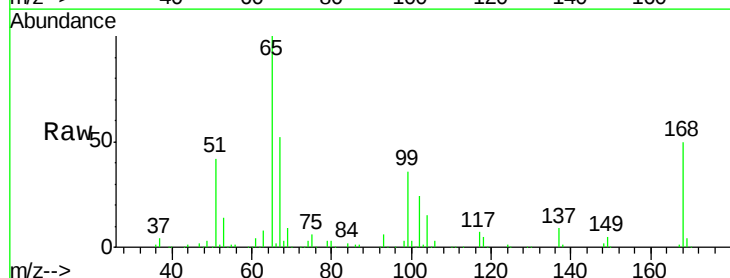
Acq: 22 Sep 2015 12:48

Tgt Ion: 65 Resp: 726936

Ion Ratio Lower Upper

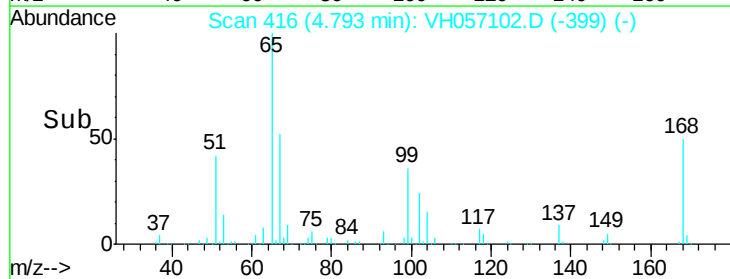
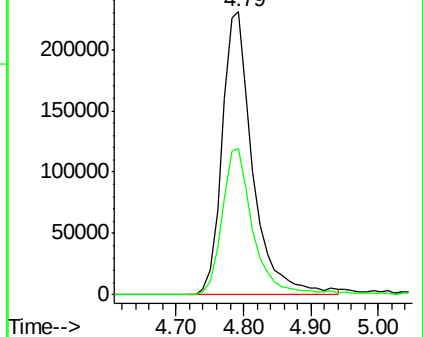
65 100

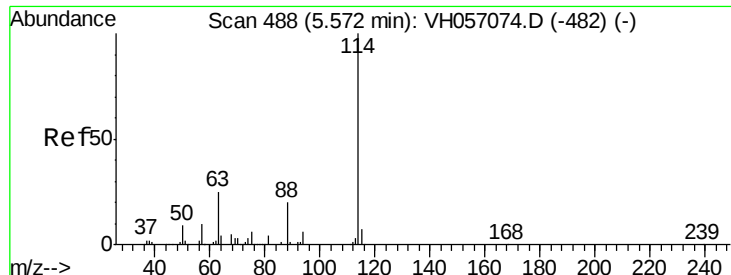
67 51.6 43.2 64.8



Abundance Ion 65.00 (64.70 to 65.70): VH0

Ion 67.00 (66.70 to 67.70): VH0

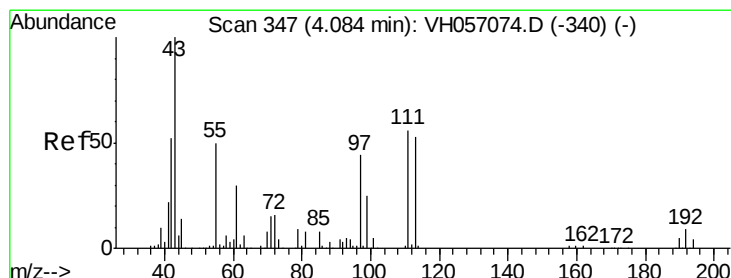
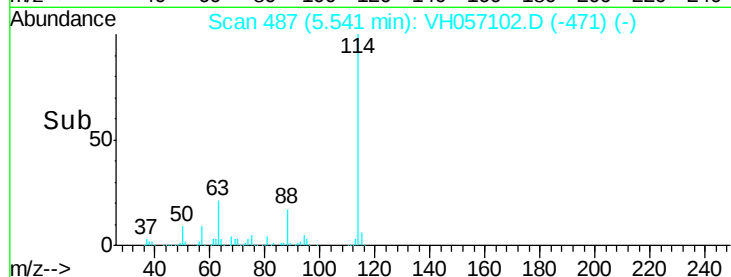
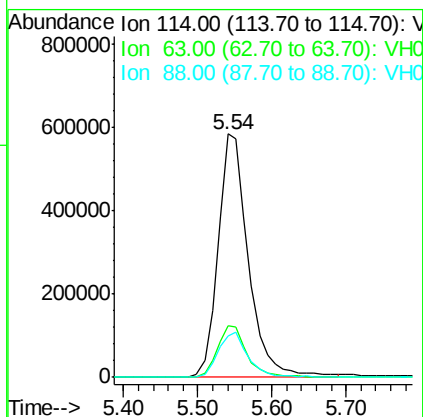
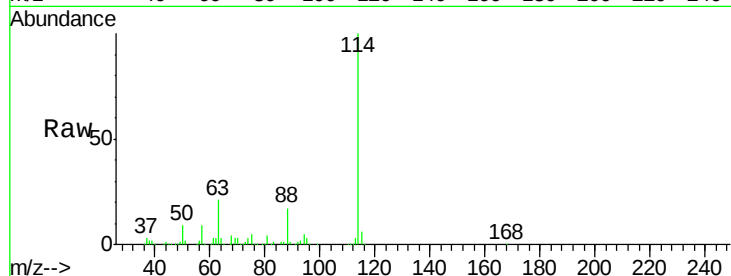




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: VH057102.D
 Acq: 22 Sep 2015 12:48

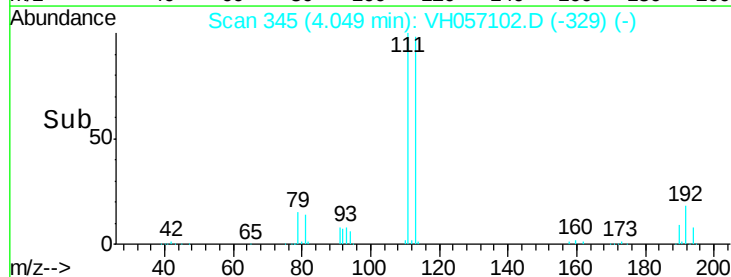
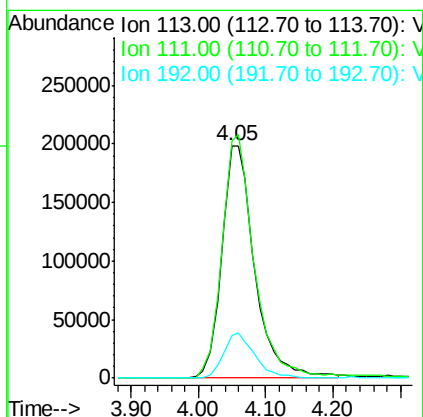
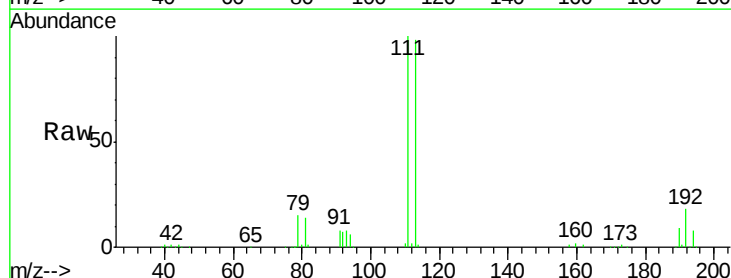
Instrument :
 MSVOA_H
 ClientSampleId :
 VH0922MBL01

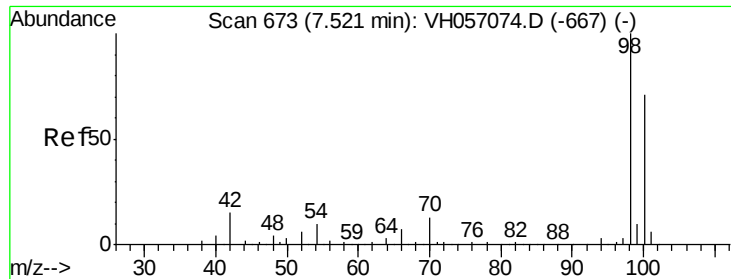
Tgt Ion:114 Resp: 1666045
 Ion Ratio Lower Upper
 114 100
 63 21.5 19.0 28.4
 88 17.1 15.7 23.5



#35
 Dibromofluoromethane
 Concen: 51.34 ug/l
 RT: 4.05 min Scan# 345
 Delta R.T. -0.04 min
 Lab File: VH057102.D
 Acq: 22 Sep 2015 12:48

Tgt Ion:113 Resp: 681034
 Ion Ratio Lower Upper
 113 100
 111 101.9 84.0 126.0
 192 18.1 13.6 20.4





#48

Toluene-d8

Concen: 48.04 ug/l

RT: 7.50 min Scan# 673

Delta R.T. -0.02 min

Lab File: VH057102.D

Acq: 22 Sep 2015 12:48

Instrument :

MSVOA_H

ClientSampleId :

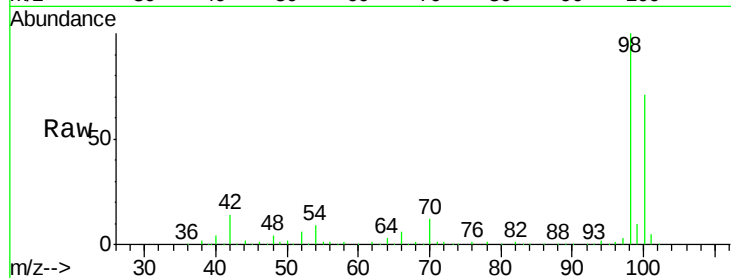
VH0922MBL01

Tgt Ion: 98 Resp: 1832536

Ion Ratio Lower Upper

98 100

100 71.1 56.7 85.1



Abundance Ion 98.00 (97.70 to 98.70): VH0

Ion 100.00 (99.70 to 100.70): VH

7.50

800000

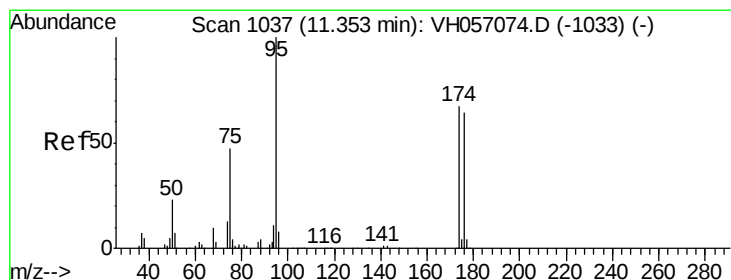
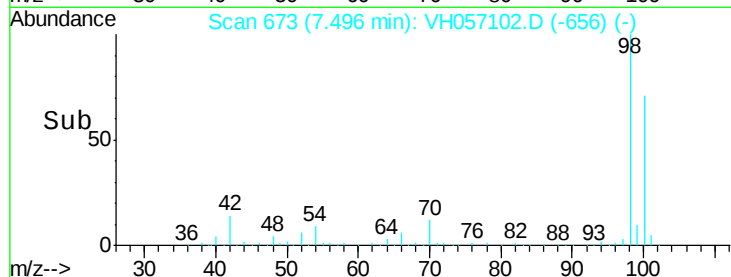
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.21 ug/l

RT: 11.34 min Scan# 1039

Delta R.T. -0.01 min

Lab File: VH057102.D

Acq: 22 Sep 2015 12:48

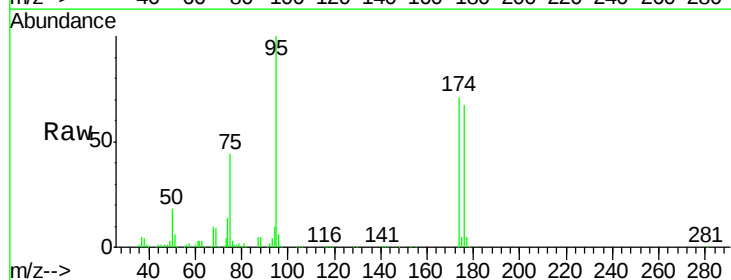
Tgt Ion: 95 Resp: 607234

Ion Ratio Lower Upper

95 100

174 70.5 58.4 87.6

176 67.3 54.3 81.5



Abundance Ion 95.00 (94.70 to 95.70): VH0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.34

400000

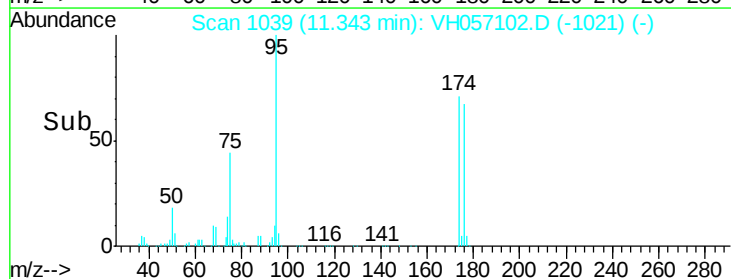
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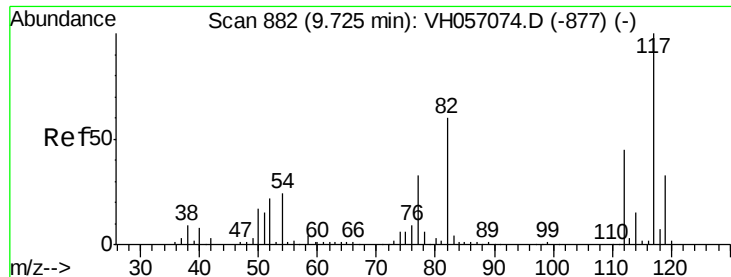
200000

100000

0

Time-->

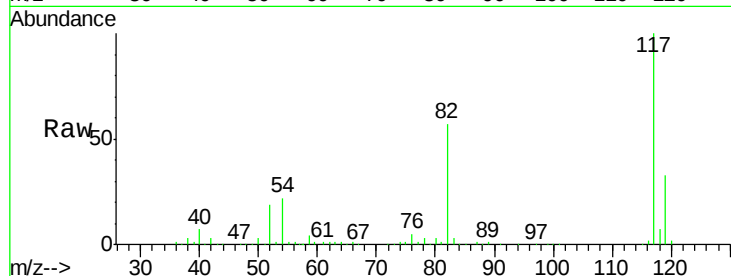




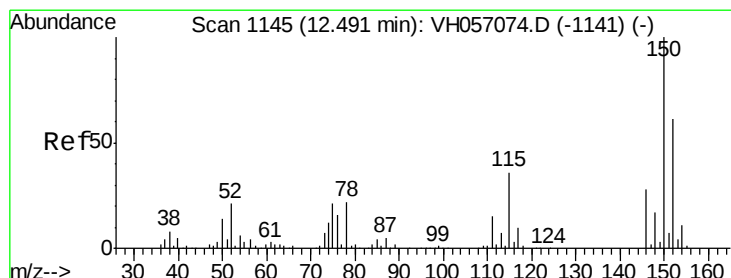
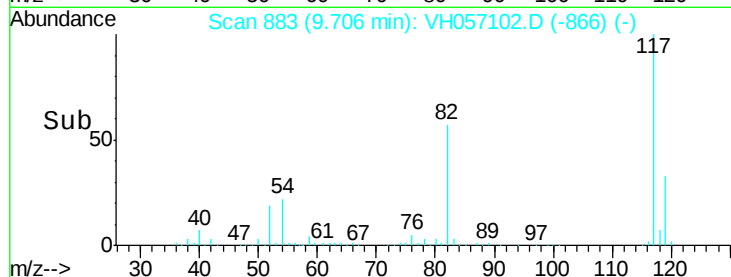
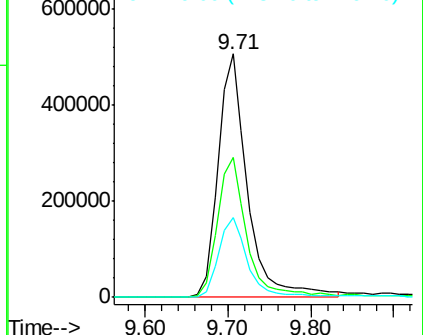
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.71 min Scan# 883
Delta R.T. -0.02 min
Lab File: VH057102.D
Acq: 22 Sep 2015 12:48

Instrument :
MSVOA_H
ClientSampleId :
VH0922MBL01

Tgt Ion:117 Resp: 1260071
Ion Ratio Lower Upper
117 100
82 57.4 51.0 76.6
119 32.8 26.7 40.1

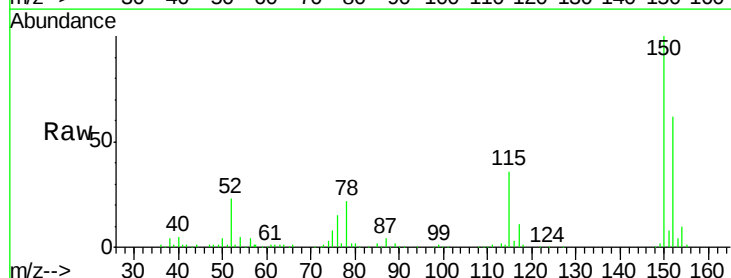


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.48 min Scan# 1147
Delta R.T. -0.01 min
Lab File: VH057102.D
Acq: 22 Sep 2015 12:48

Tgt Ion:152 Resp: 372897
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.6
150 160.2 0.0 332.0



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

