

Data Path : W:\HPCHEM1\MSVOA H\DATA\VH092215\
 Data File : VH057114.D
 Acq On : 22 Sep 2015 20:11
 Operator : SY/FY
 Sample : G3712-06ME
 Misc : 5.01g/10mL//100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS4-3ME

Quant Time: Sep 24 12:00:26 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	4.84	168	764855	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.56	114	1342913	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.71	117	1046727	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.48	152	306119	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.80	65	259528	19.00	ug/l	0.00
Spiked Amount 50.000	Range 66 - 150		Recovery =	38.00%#		
35) Dibromofluoromethane	4.08	113	218942	20.48	ug/l	0.00
Spiked Amount 50.000	Range 76 - 130		Recovery =	40.96%#		
48) Toluene-d8	7.50	98	656553	21.35	ug/l	-0.02
Spiked Amount 50.000	Range 78 - 121		Recovery =	42.70%#		
62) 4-Bromofluorobenzene	11.35	95	213533	20.59	ug/l	0.00
Spiked Amount 50.000	Range 70 - 131		Recovery =	41.18%#		

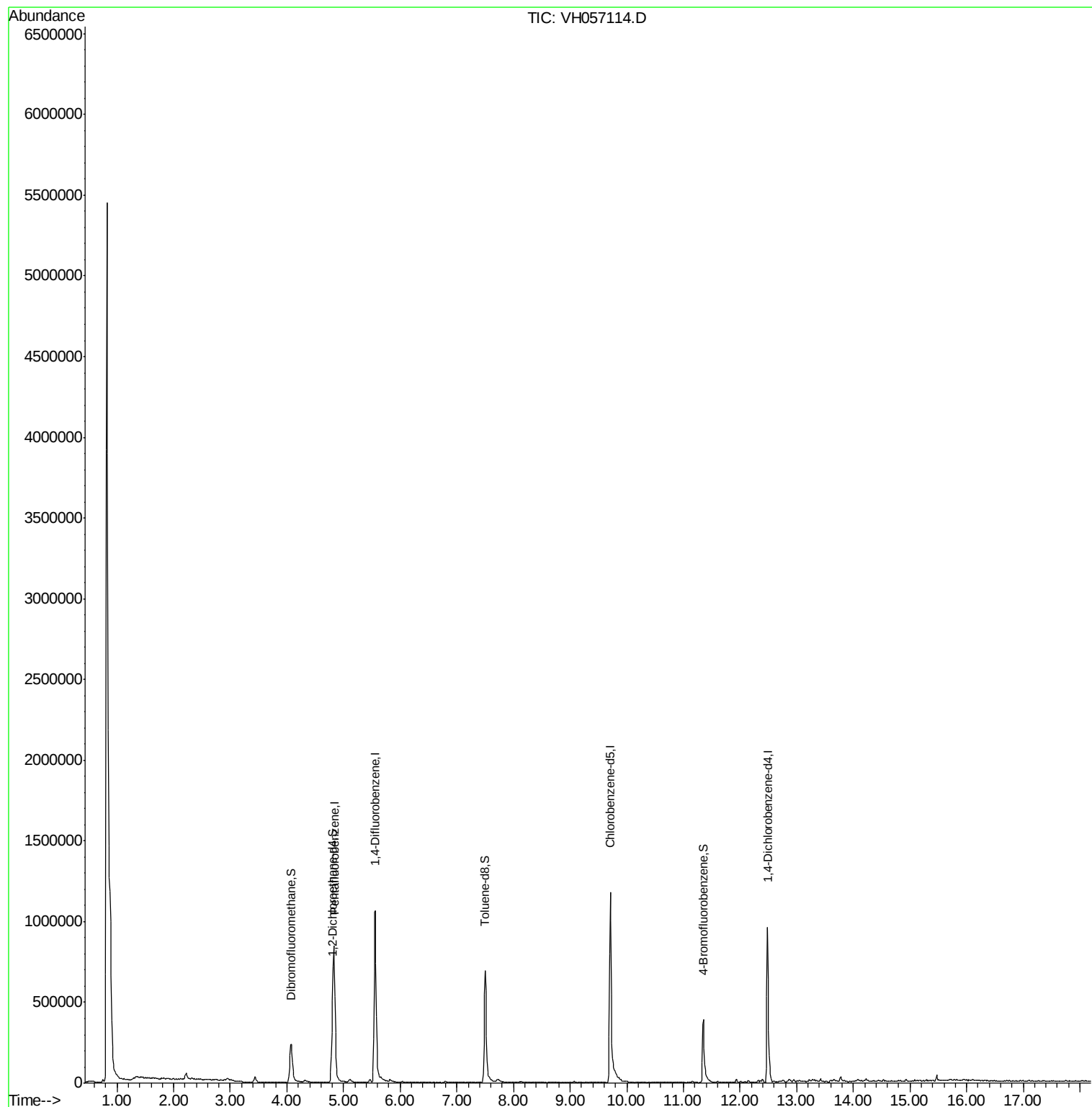
Target Compounds	Qvalue

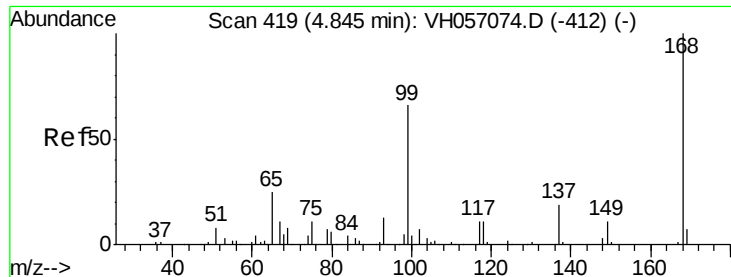
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.84 min Scan# 419

Delta R.T. -0.01 min

Lab File: VH057114.D

Acq: 22 Sep 2015 20:11

Instrument :

MSVOA_H

ClientSampleId :

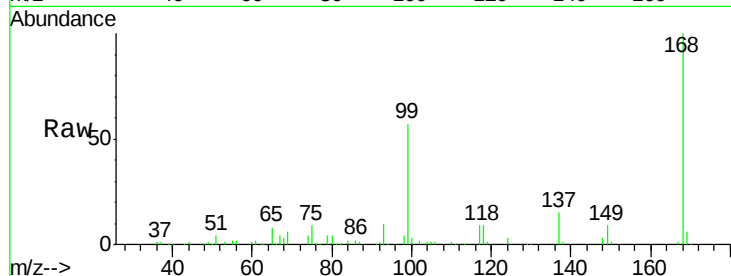
ERD45-CS4-3ME

Tot Ion:168 Resp: 764855

Ion Ratio Lower Upper

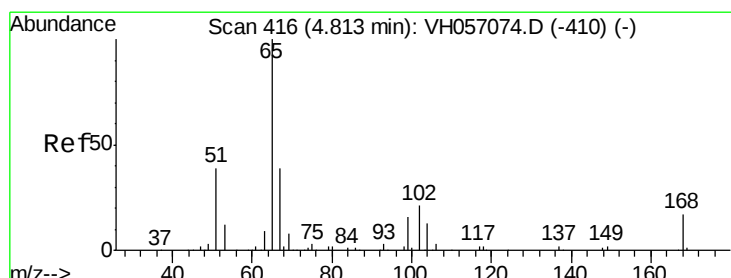
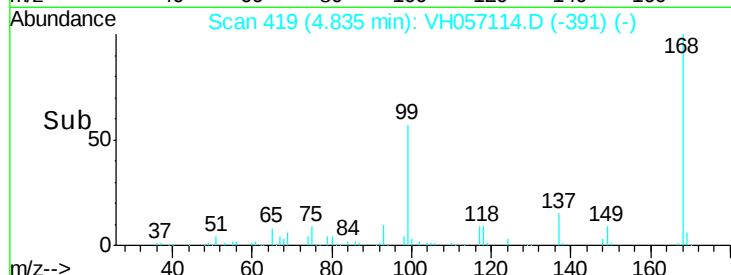
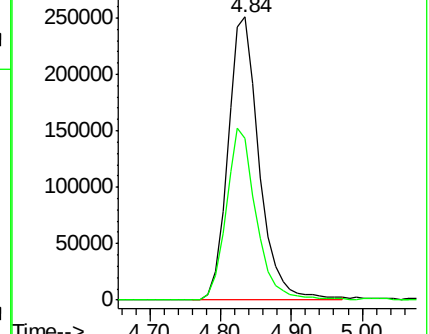
168 100

99 57.4 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: 19.00 ug/l

RT: 4.80 min Scan# 416

Delta R.T. -0.01 min

Lab File: VH057114.D

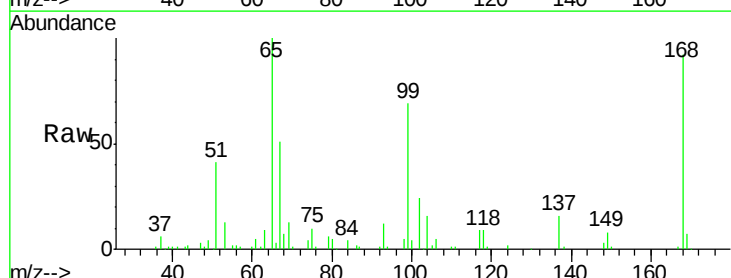
Acq: 22 Sep 2015 20:11

Tgt Ion: 65 Resp: 259528

Ion Ratio Lower Upper

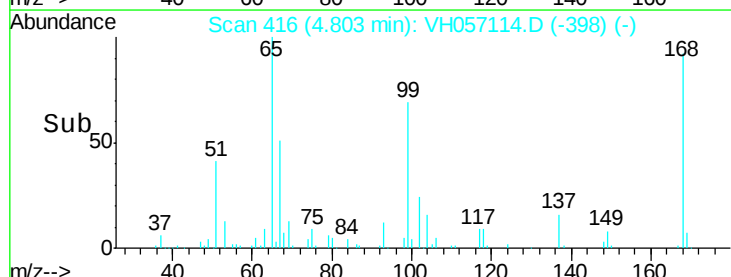
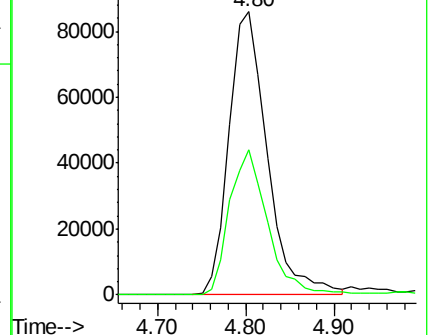
65 100

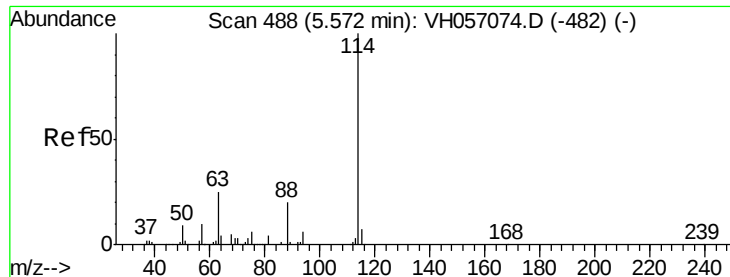
67 51.4 43.2 64.8



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: 5.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: VH057114.D

Acq: 22 Sep 2015 20:11

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS4-3ME

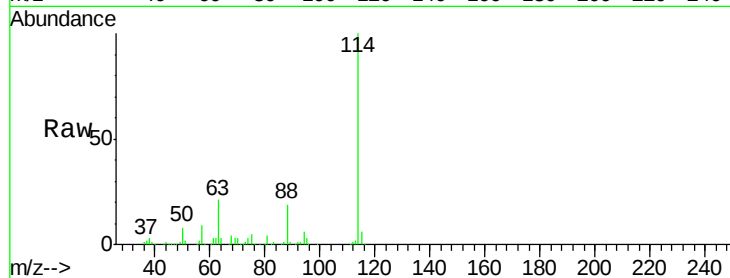
Tot Ion:114 Resp: 1342913

Ion Ratio Lower Upper

114 100

63 20.6 19.0 28.4

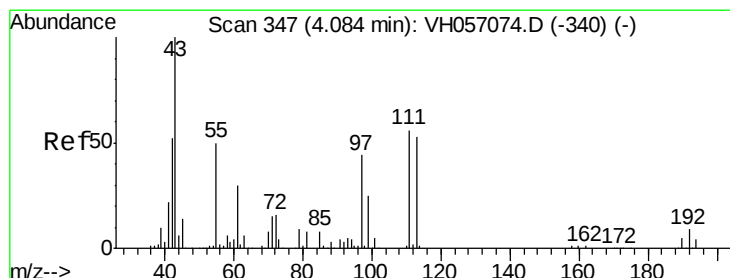
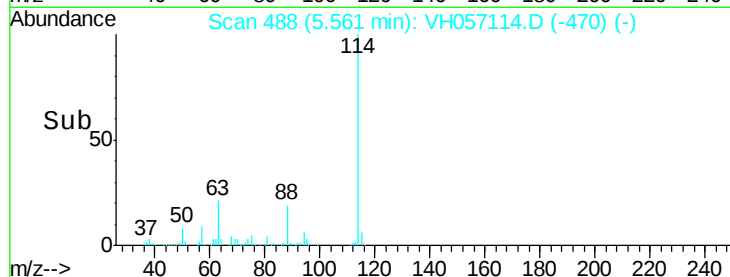
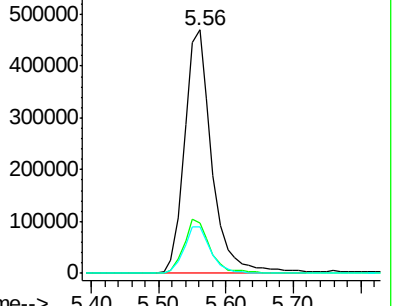
88 18.9 15.7 23.5



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): V

Ion 88.00 (87.70 to 88.70): V



#35

Dibromofluoromethane

Concen: 20.48 ug/l

RT: 4.08 min Scan# 347

Delta R.T. -0.01 min

Lab File: VH057114.D

Acq: 22 Sep 2015 20:11

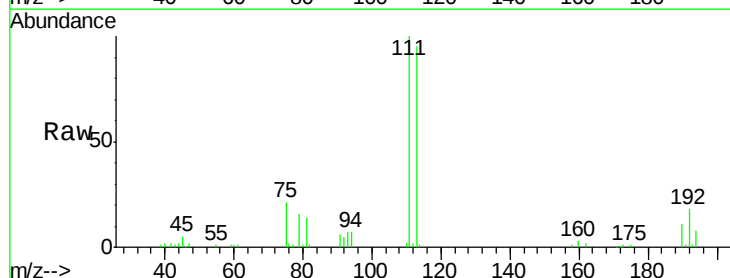
Tgt Ion:113 Resp: 218942

Ion Ratio Lower Upper

113 100

111 105.3 84.0 126.0

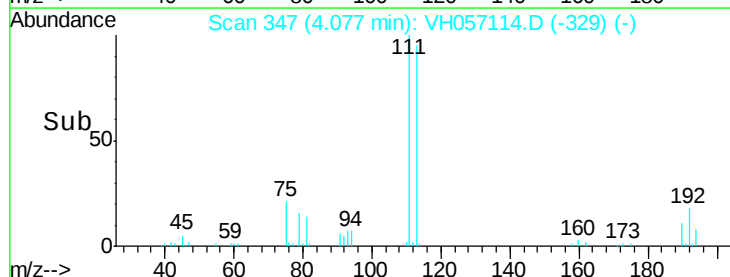
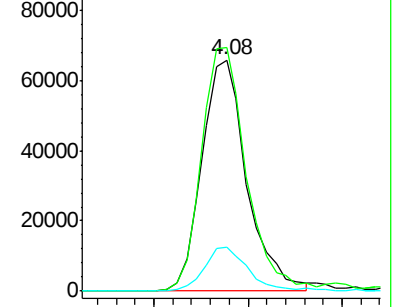
192 18.9 13.6 20.4

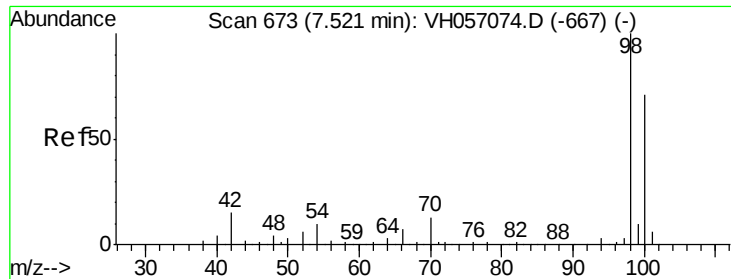


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

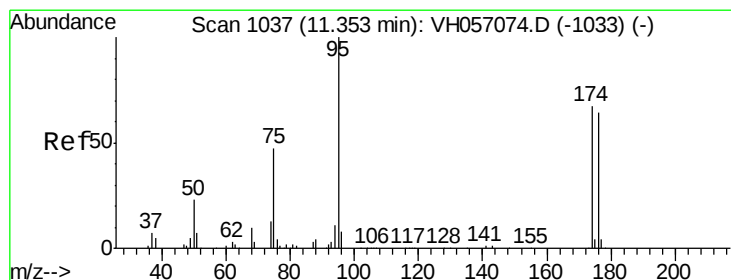
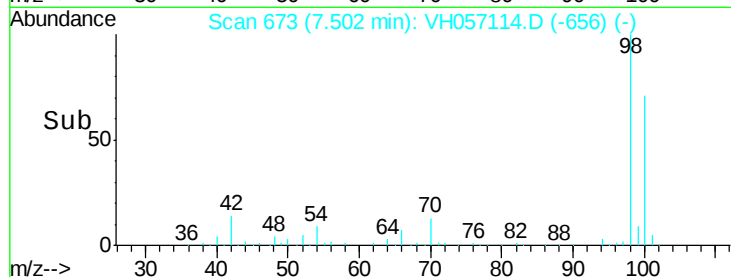
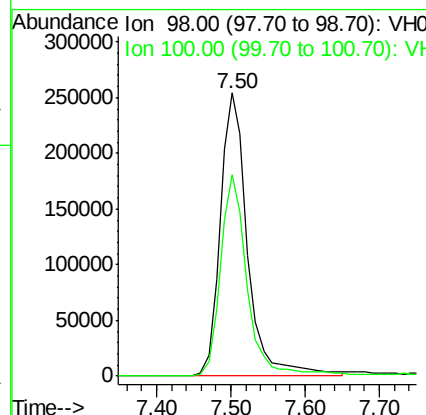
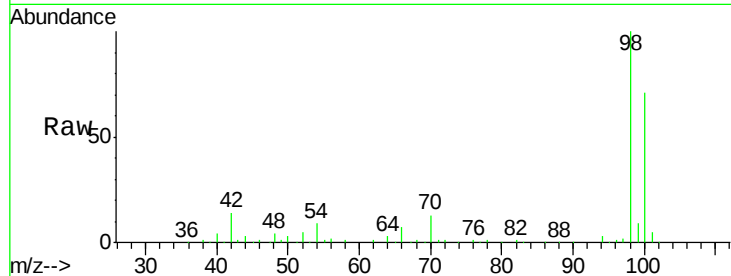




#48
Toluene-d8
Concen: 21.35 ug/l
RT: 7.50 min Scan# 673
Delta R.T. -0.02 min
Lab File: VH057114.D
Acq: 22 Sep 2015 20:11

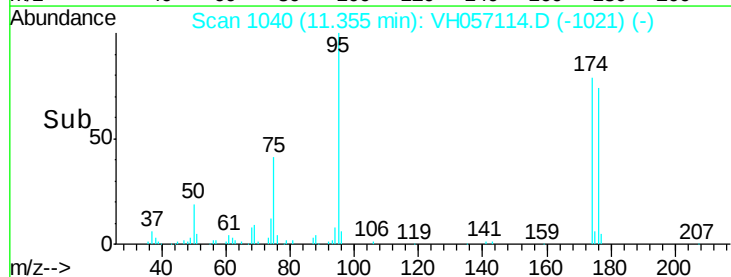
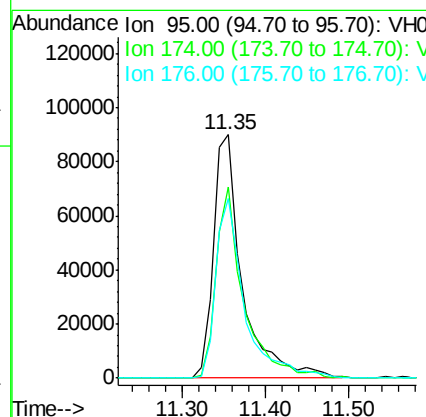
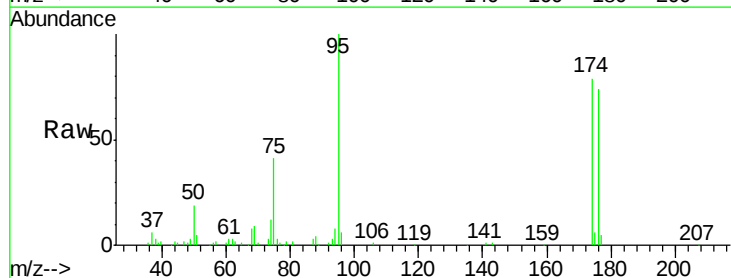
Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS4-3ME

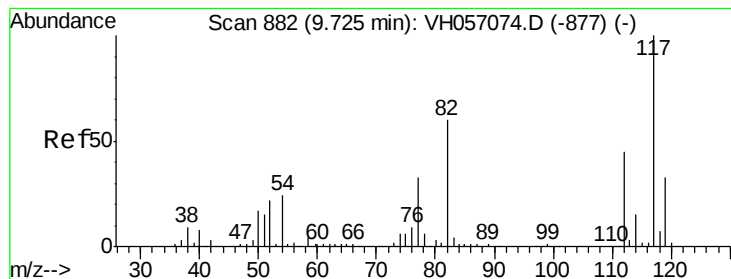
Tot Ion: 98 Resp: 656553
Ion Ratio Lower Upper
98 100
100 71.1 56.7 85.1



#62
4-Bromofluorobenzene
Concen: 20.59 ug/l
RT: 11.35 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VH057114.D
Acq: 22 Sep 2015 20:11

Tgt Ion: 95 Resp: 213533
Ion Ratio Lower Upper
95 100
174 78.8 58.4 87.6
176 74.0 54.3 81.5





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.71 min Scan# 883

Delta R.T. -0.02 min

Lab File: VH057114.D

Acq: 22 Sep 2015 20:11

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS4-3ME

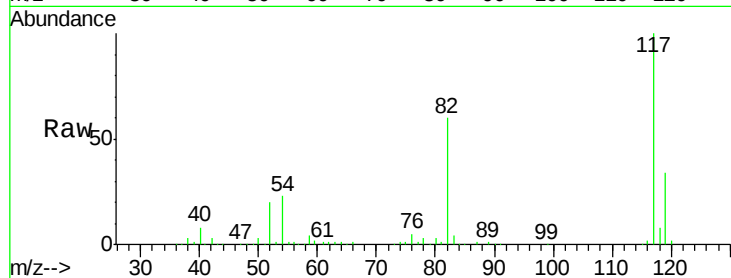
Tot Ion:117 Resp: 1046727

Ion Ratio Lower Upper

117 100

82 59.6 51.0 76.6

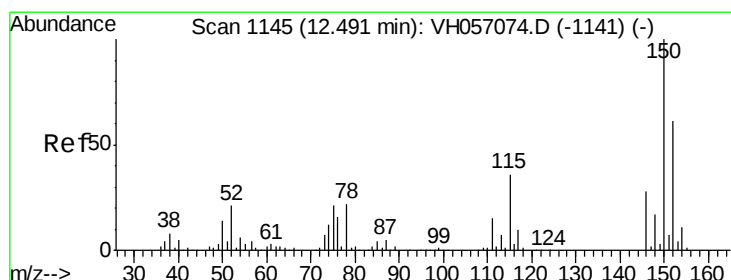
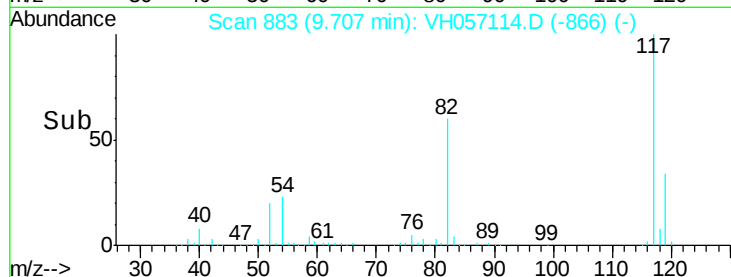
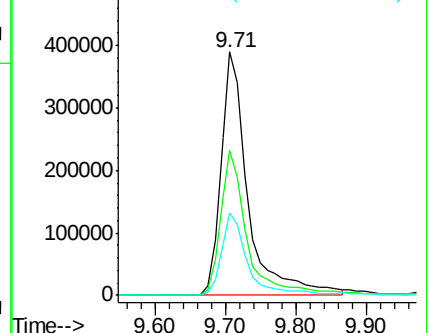
119 33.7 26.7 40.1



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# 1148

Delta R.T. -0.01 min

Lab File: VH057114.D

Acq: 22 Sep 2015 20:11

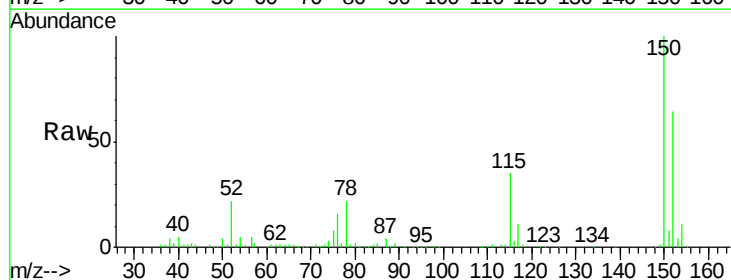
Tgt Ion:152 Resp: 306119

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.6

150 155.1 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

