

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
 Data File : VH057111.D
 Acq On : 22 Sep 2015 18:49
 Operator : SY/FY
 Sample : G3712-06
 Misc : 5.00g/10mL//100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS4-3

Quant Time: Sep 23 05:56:16 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	1837344	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.56	114	3162006	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.71	117	2505335	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.49	152	729600	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.80	65	160754	4.90	ug/l	-0.01
Spiked Amount 50.000	Range 66 - 150		Recovery	=	9.80%#	
35) Dibromofluoromethane	4.07	113	141607	5.62	ug/l	0.00
Spiked Amount 50.000	Range 76 - 130		Recovery	=	11.24%#	
48) Toluene-d8	7.50	98	405408	5.60	ug/l	-0.02
Spiked Amount 50.000	Range 78 - 121		Recovery	=	11.20%#	
62) 4-Bromofluorobenzene	11.35	95	131057	5.37	ug/l	0.00
Spiked Amount 50.000	Range 70 - 131		Recovery	=	10.74%#	

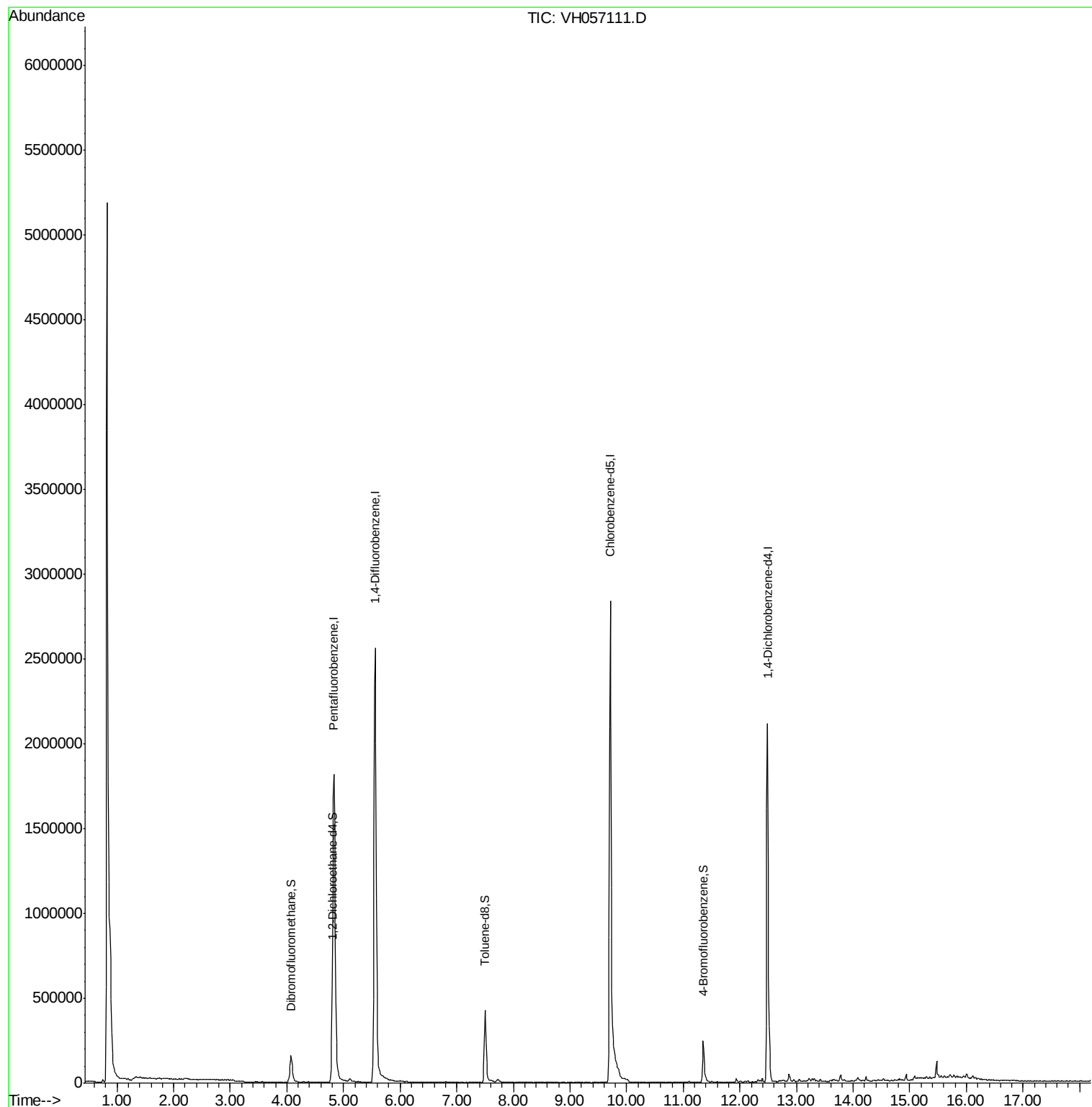
Target Compounds	Qvalue
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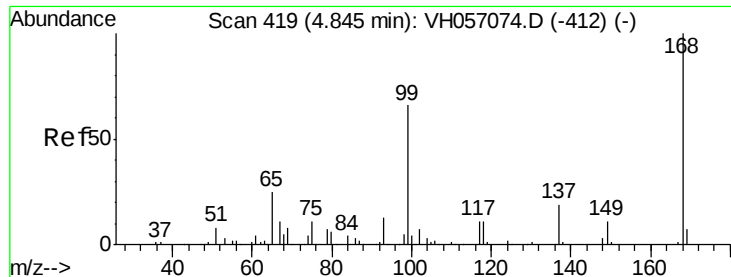
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.83 min Scan# 419

Delta R.T. -0.01 min

Lab File: VH057111.D

Acq: 22 Sep 2015 18:49

Instrument :

MSVOA_H

ClientSampleId :

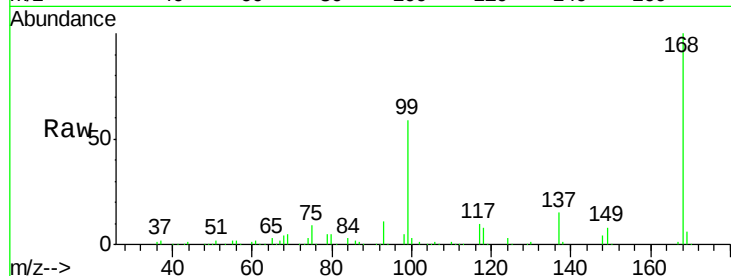
ERD45-CS4-3

Tgt Ion:168 Resp: 1837344

Ion Ratio Lower Upper

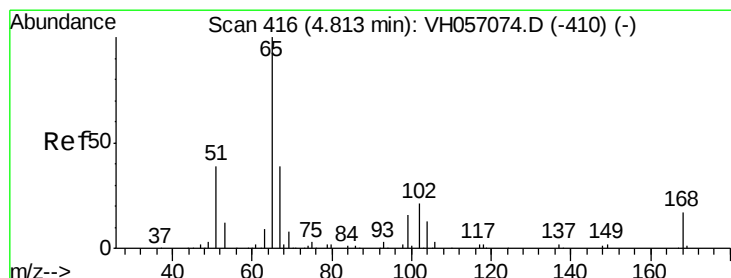
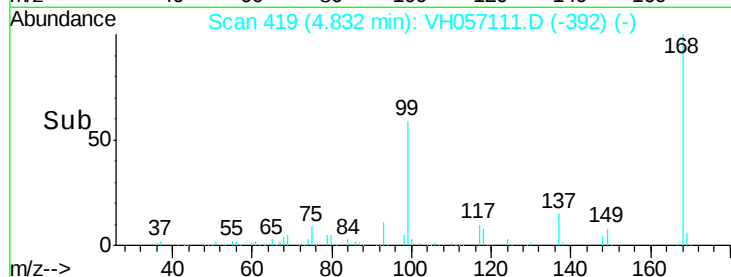
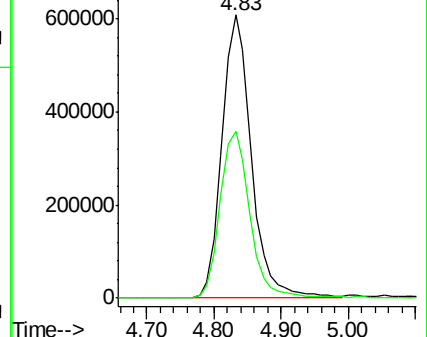
168 100

99 59.1 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: 4.90 ug/l

RT: 4.80 min Scan# 416

Delta R.T. -0.01 min

Lab File: VH057111.D

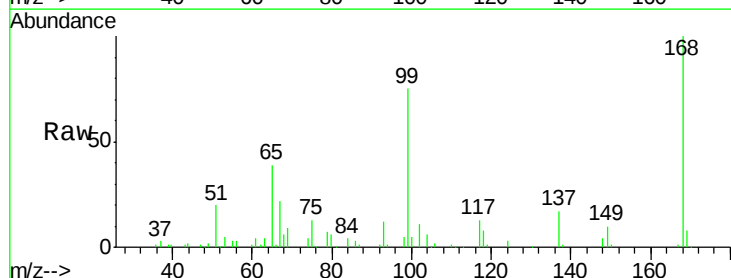
Acq: 22 Sep 2015 18:49

Tgt Ion: 65 Resp: 160754

Ion Ratio Lower Upper

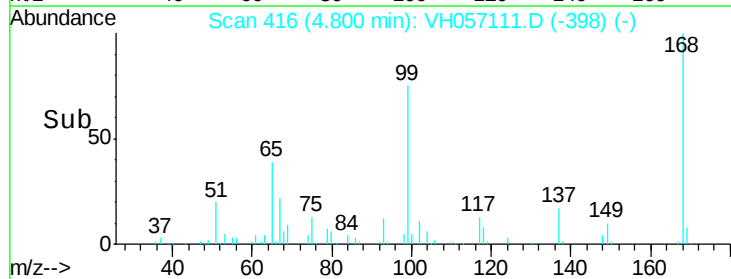
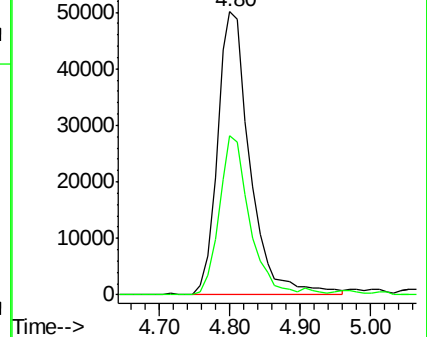
65 100

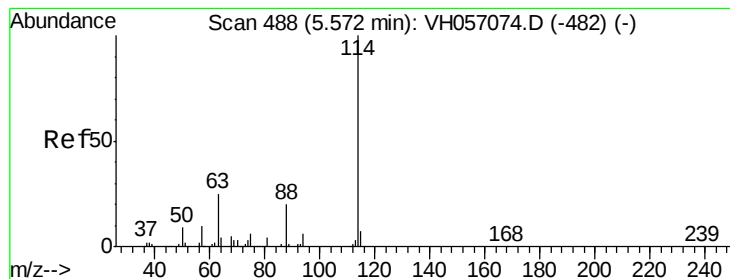
67 56.5 43.2 64.8



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: VH057111.D

Acq: 22 Sep 2015 18:49

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS4-3

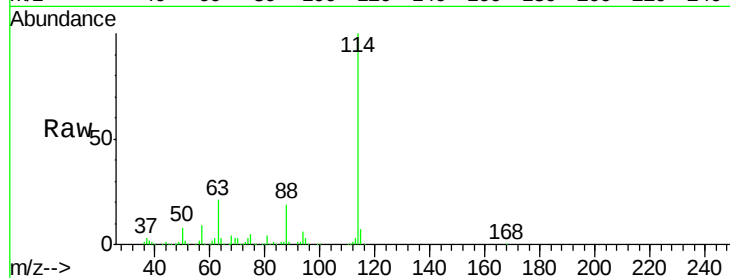
Tgt Ion:114 Resp: 3162006

Ion Ratio Lower Upper

114 100

63 21.5 19.0 28.4

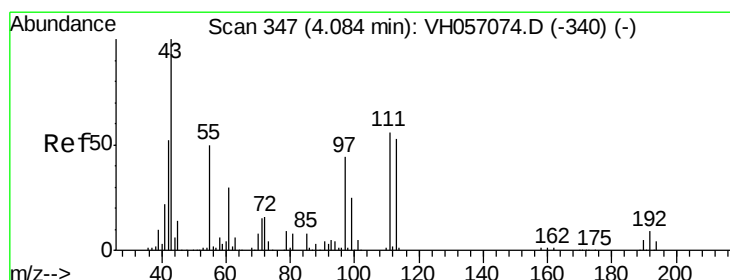
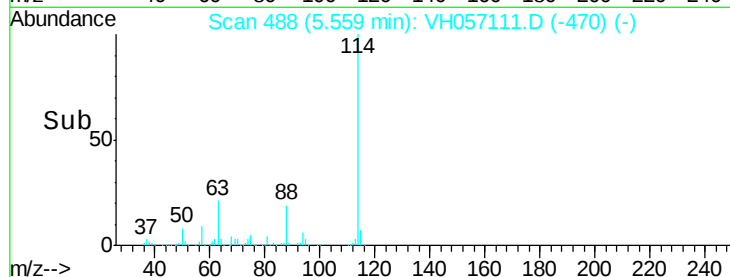
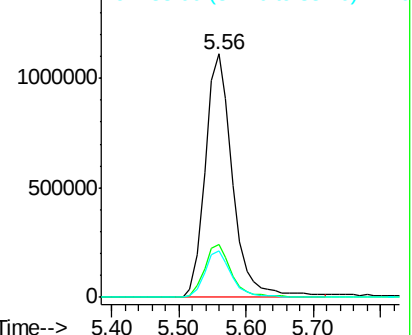
88 19.0 15.7 23.5



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: 5.62 ug/l

RT: 4.07 min Scan# 347

Delta R.T. -0.01 min

Lab File: VH057111.D

Acq: 22 Sep 2015 18:49

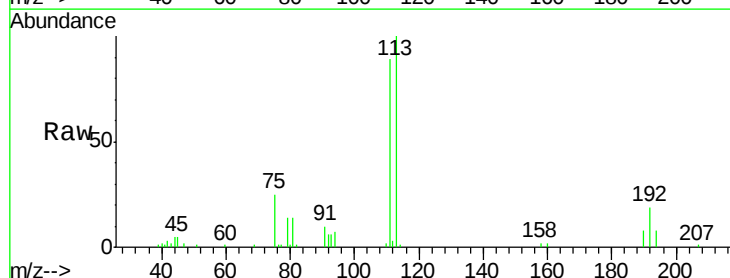
Tgt Ion:113 Resp: 141607

Ion Ratio Lower Upper

113 100

111 89.2 84.0 126.0

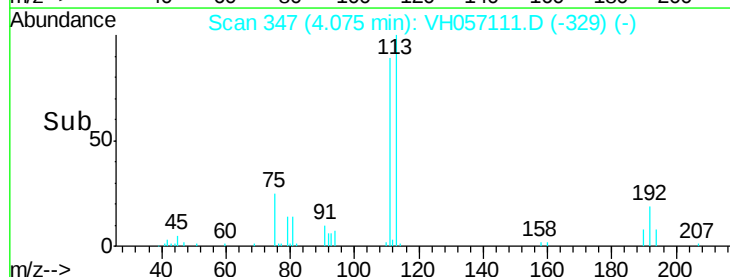
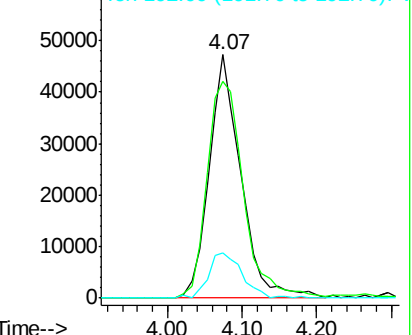
192 18.8 13.6 20.4

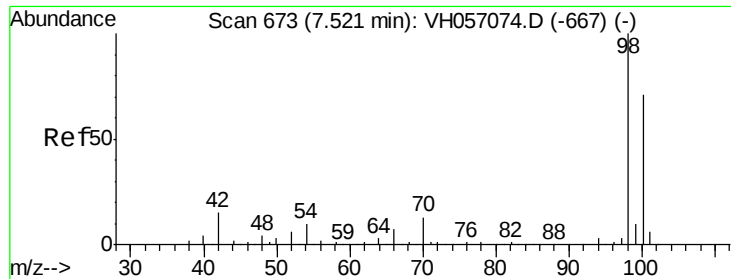


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#48

Toluene-d8

Concen: 5.60 ug/l

RT: 7.50 min Scan# 673

Delta R.T. -0.02 min

Lab File: VH057111.D

Acq: 22 Sep 2015 18:49

Instrument :

MSVOA_H

ClientSampleId :

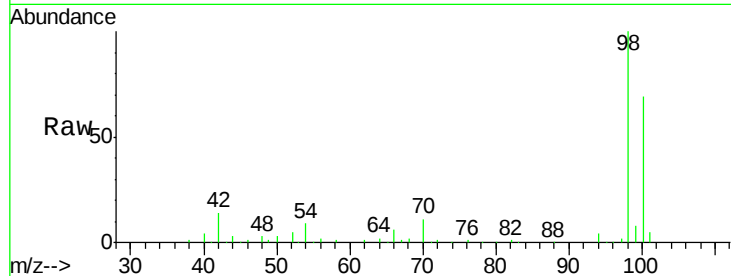
ERD45-CS4-3

Tgt Ion: 98 Resp: 405408

Ion Ratio Lower Upper

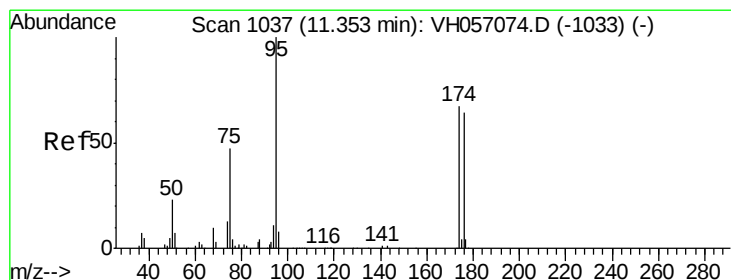
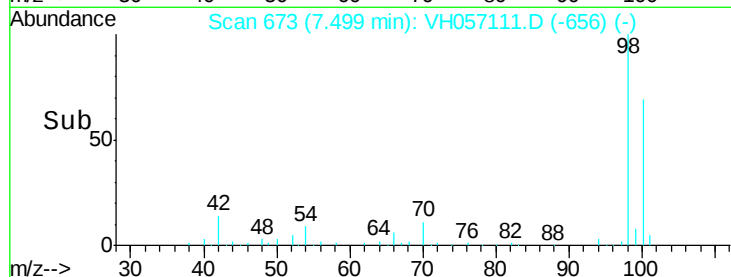
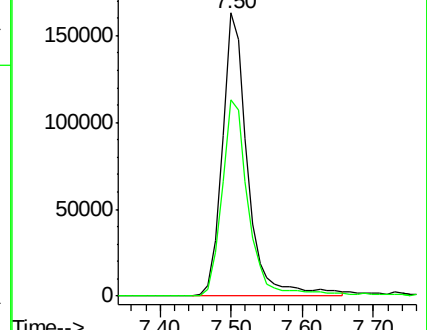
98 100

100 69.2 56.7 85.1



Abundance Ion 98.00 (97.70 to 98.70): VH0

Ion 100.00 (99.70 to 100.70): VH



#62

4-Bromofluorobenzene

Concen: 5.37 ug/l

RT: 11.35 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VH057111.D

Acq: 22 Sep 2015 18:49

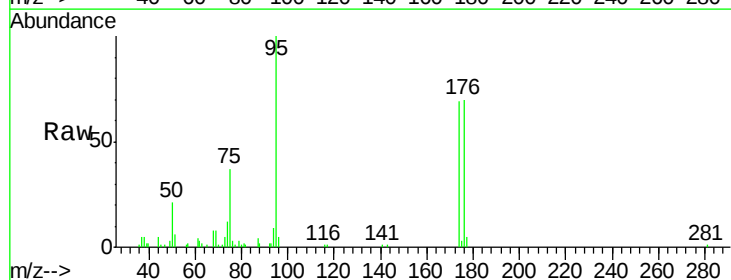
Tgt Ion: 95 Resp: 131057

Ion Ratio Lower Upper

95 100

174 69.5 58.4 87.6

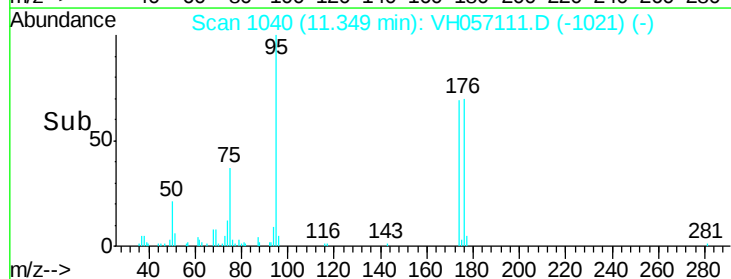
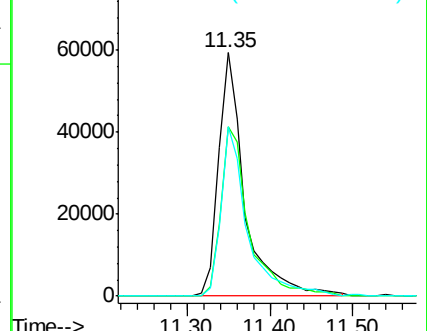
176 69.7 54.3 81.5

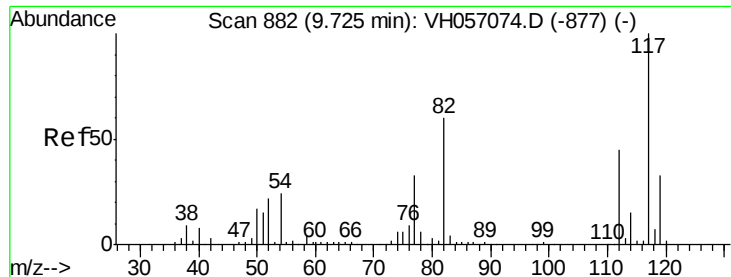


Abundance Ion 95.00 (94.70 to 95.70): VH0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

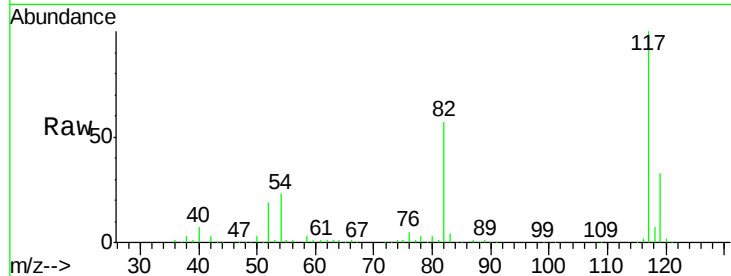




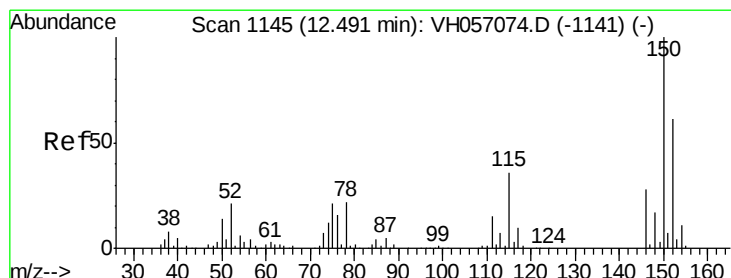
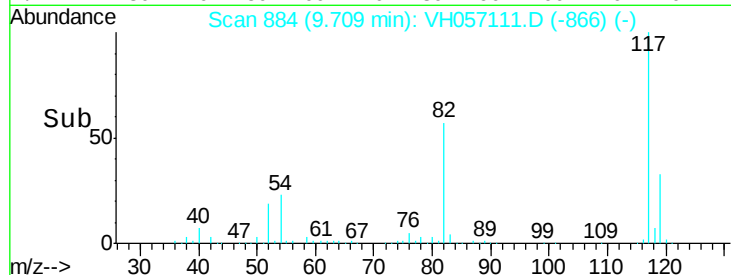
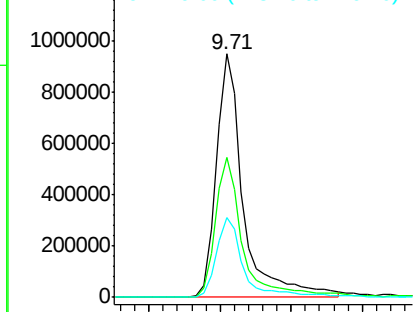
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.71 min Scan# 884
Delta R.T. -0.02 min
Lab File: VH057111.D
Acq: 22 Sep 2015 18:49

Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS4-3

Tgt Ion:117 Resp: 2505335
Ion Ratio Lower Upper
117 100
82 57.4 51.0 76.6
119 32.9 26.7 40.1

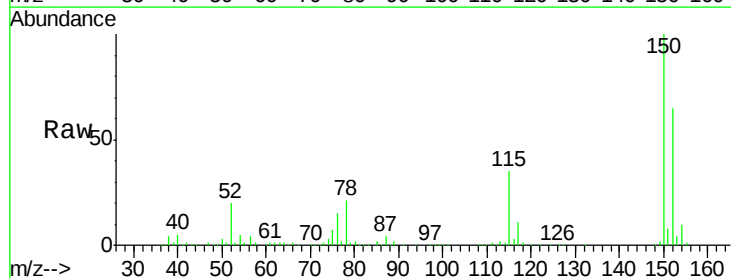


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.49 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VH057111.D
Acq: 22 Sep 2015 18:49

Tgt Ion:152 Resp: 729600
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.6
150 154.2 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

