

Data Path : W:\HPCHEM1\MSVOA H\DATA\VH092215\
 Data File : VH057112.D
 Acq On : 22 Sep 2015 19:17
 Operator : SY/FY
 Sample : G3712-11ME
 Misc : 4.99g/10mL//100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS5-3ME

Quant Time: Sep 23 11:46:13 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	572801	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.55	114	1034758	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.71	117	797777	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.48	152	238673	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.80	65	736206	71.97	ug/l	-0.02
Spiked Amount 50.000	Range 66 - 150		Recovery	=	143.94%	
35) Dibromofluoromethane	4.07	113	666736	80.93	ug/l	-0.01
Spiked Amount 50.000	Range 76 - 130		Recovery	=	161.86%#	
48) Toluene-d8	7.50	98	1877744	79.26	ug/l	-0.02
Spiked Amount 50.000	Range 78 - 121		Recovery	=	158.52%#	
62) 4-Bromofluorobenzene	11.35	95	637634	79.81	ug/l	0.00
Spiked Amount 50.000	Range 70 - 131		Recovery	=	159.62%#	

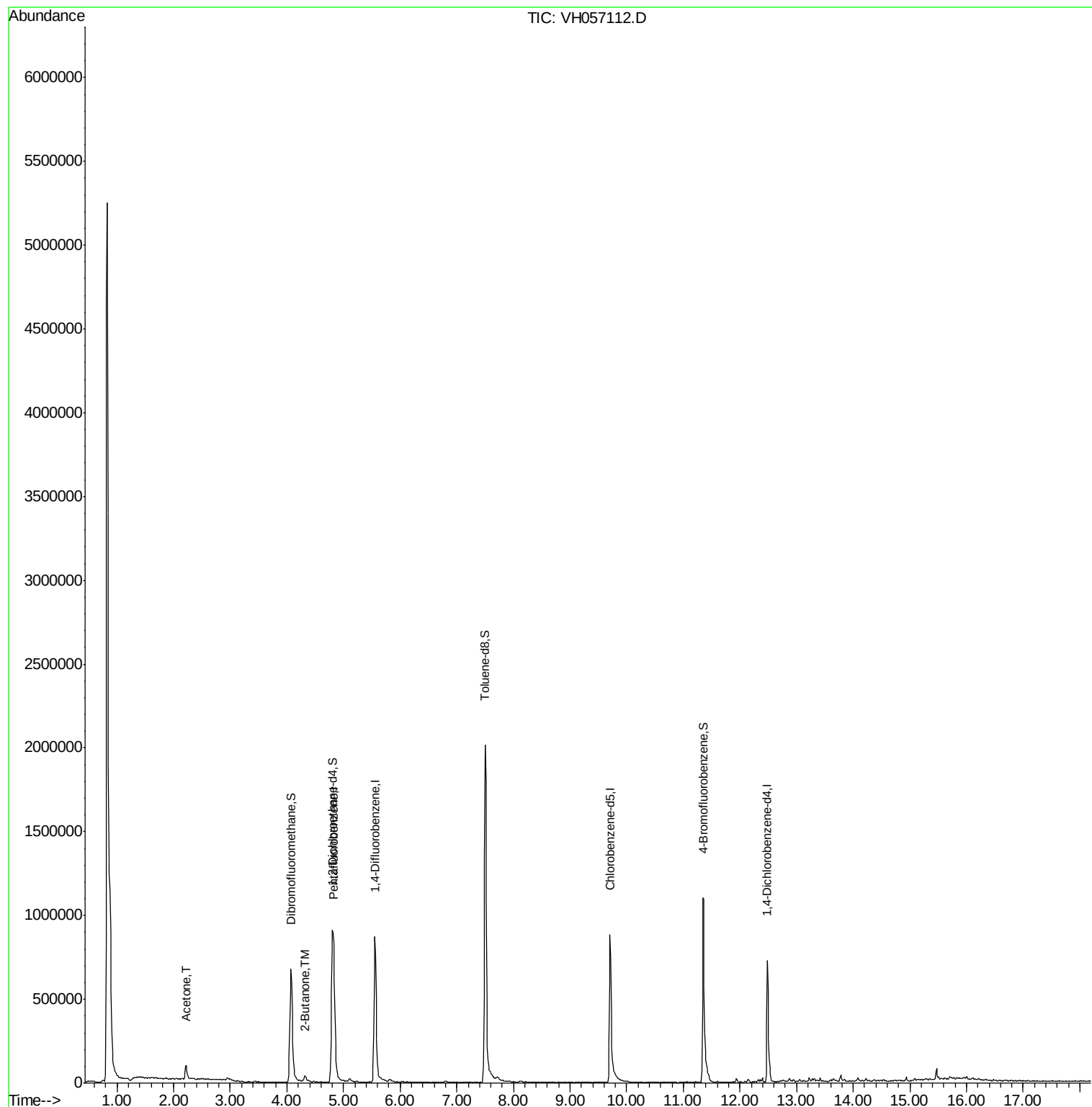
Target Compounds						Qvalue
17) Acetone	2.22	43	127394	2.49	ug/l	94
25) 2-Butanone	4.32	43	69174	7.28	ug/l	98

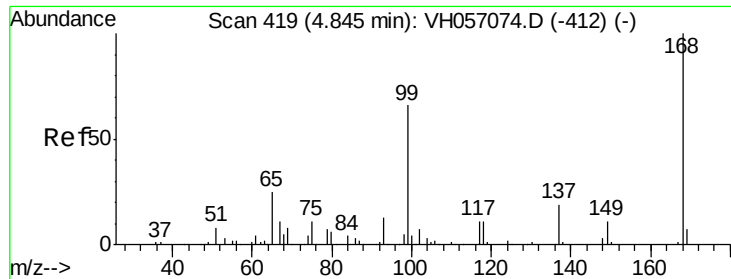
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.83 min Scan# 419

Delta R.T. -0.02 min

Lab File: VH057112.D

Acq: 22 Sep 2015 19:17

Instrument :

MSVOA_H

ClientSampleId :

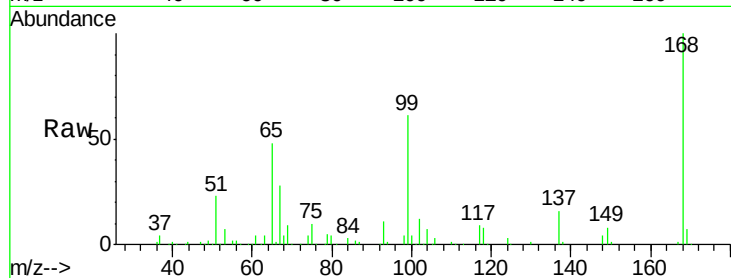
ERD45-CS5-3ME

Tot Ion:168 Resp: 572801

Ion Ratio Lower Upper

168 100

99 60.6 55.8 83.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VH0

200000

150000

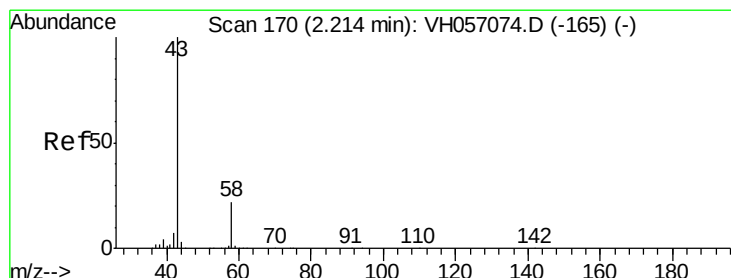
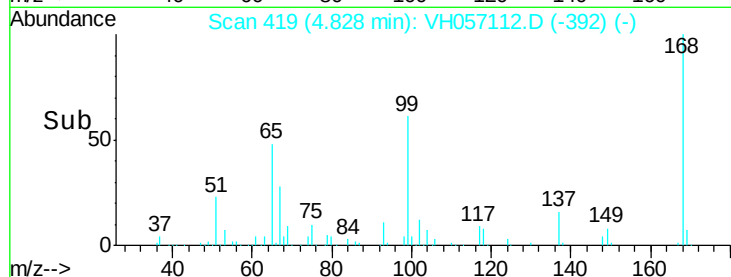
100000

50000

0

4.70 4.80 4.90 5.00

Time-->



#17

Acetone

Concen: 2.49 ug/l

RT: 2.22 min Scan# 171

Delta R.T. 0.01 min

Lab File: VH057112.D

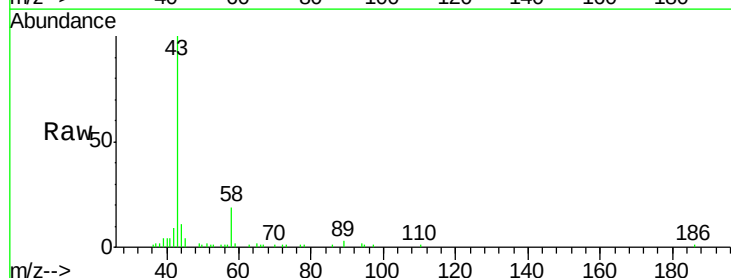
Acq: 22 Sep 2015 19:17

Tgt Ion: 43 Resp: 127394

Ion Ratio Lower Upper

43 100

58 19.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 58.00 (57.70 to 58.70): VH0

60000

50000

40000

30000

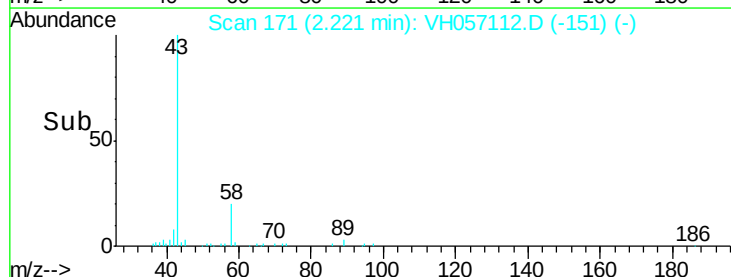
20000

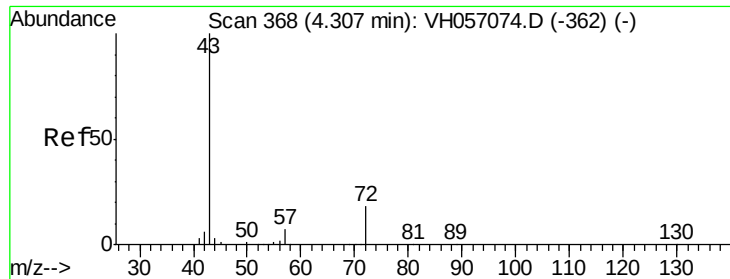
10000

0

2.15 2.20 2.25 2.30

Time-->





#25

2-Butanone

Concen: 7.28 ug/l

RT: 4.32 min Scan# 370

Delta R.T. 0.01 min

Lab File: VH057112.D

Acq: 22 Sep 2015 19:17

Instrument :

MSVOA_H

ClientSampleId :

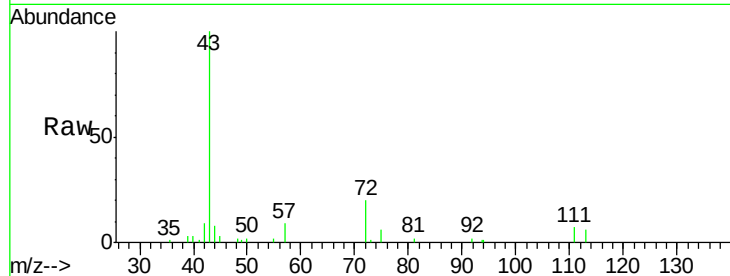
ERD45-CS5-3ME

Tot Ion: 43 Resp: 69174

Ion Ratio Lower Upper

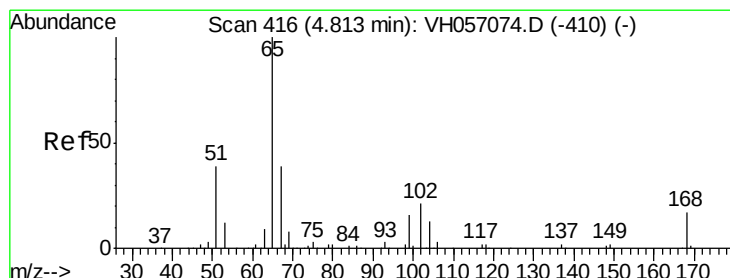
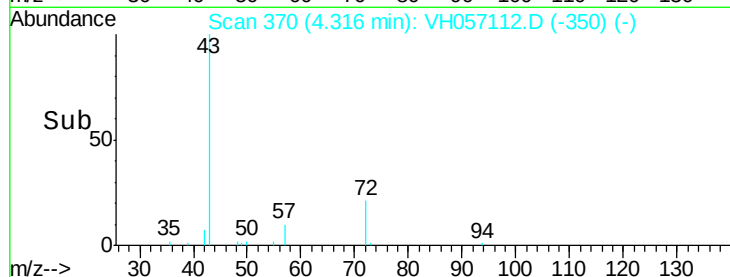
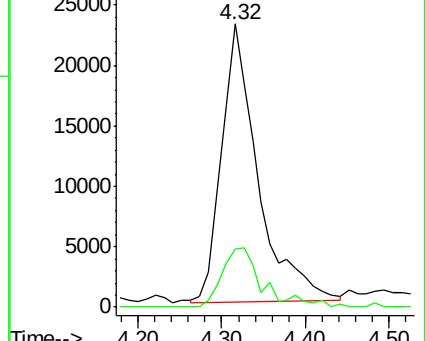
43 100

72 20.4 0.0 39.2



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 72.00 (71.70 to 72.70): VH0



#33

1,2-Dichloroethane-d4

Concen: 71.97 ug/l

RT: 4.80 min Scan# 416

Delta R.T. -0.02 min

Lab File: VH057112.D

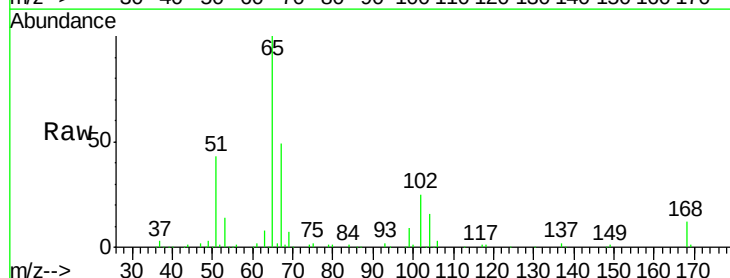
Acq: 22 Sep 2015 19:17

Tgt Ion: 65 Resp: 736206

Ion Ratio Lower Upper

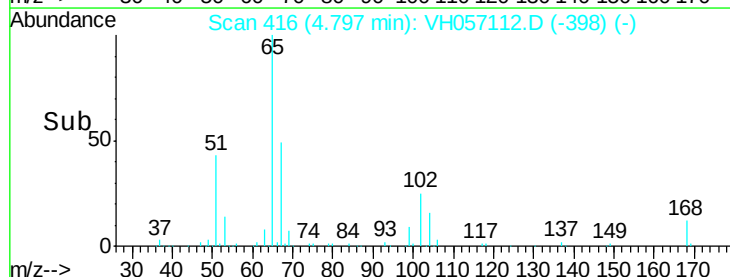
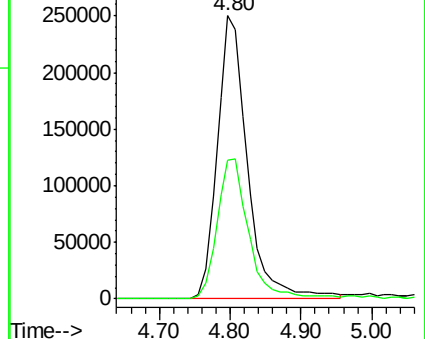
65 100

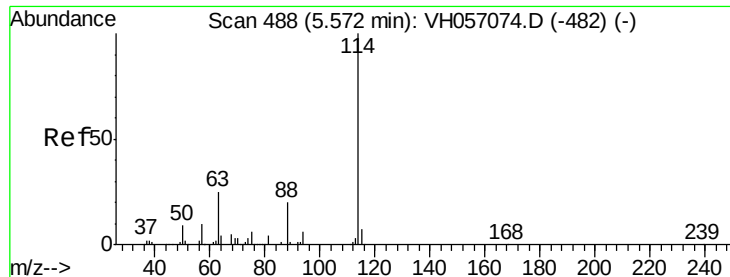
67 48.9 43.2 64.8



Abundance Ion 65.00 (64.70 to 65.70): VH0

Ion 67.00 (66.70 to 67.70): VH0

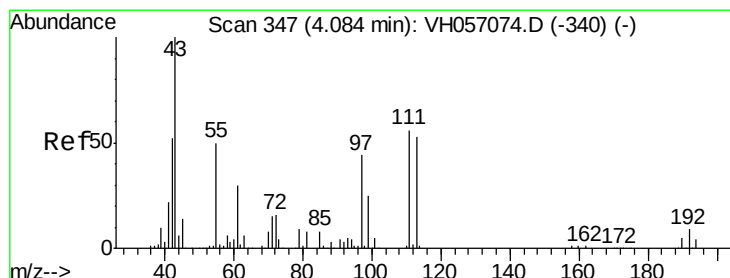
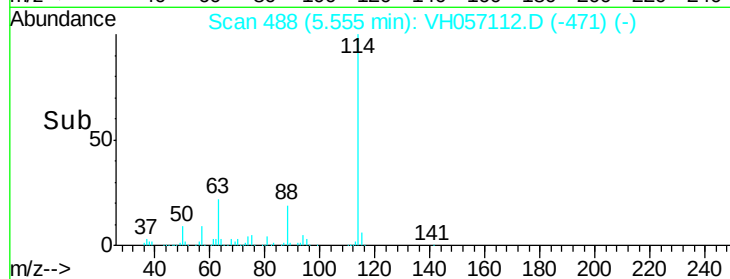
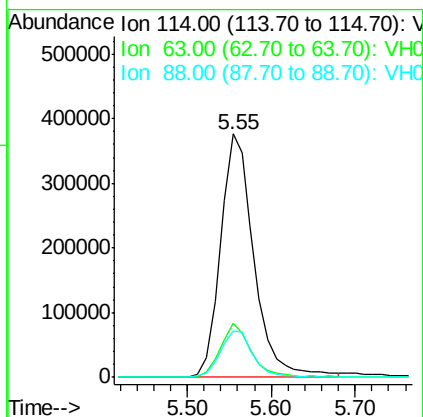
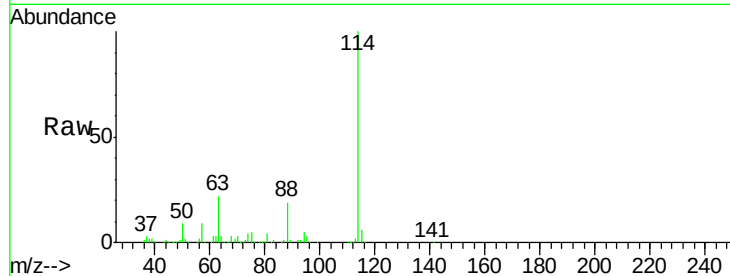




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.55 min Scan# 488
Delta R.T. -0.02 min
Lab File: VH057112.D
Acq: 22 Sep 2015 19:17

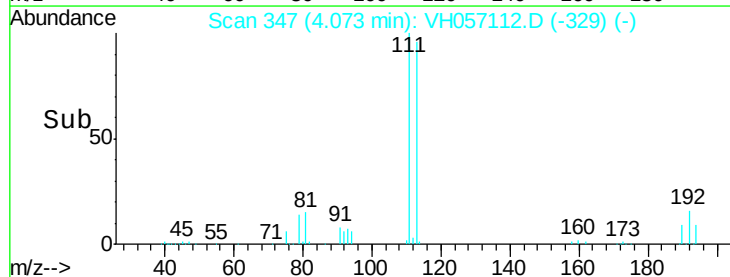
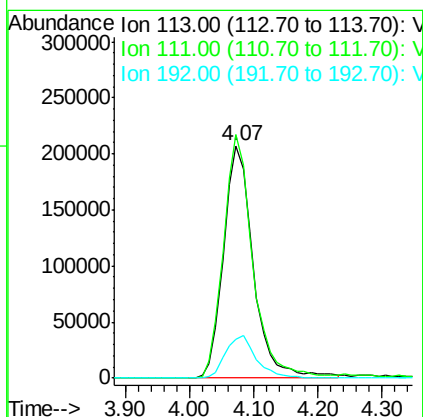
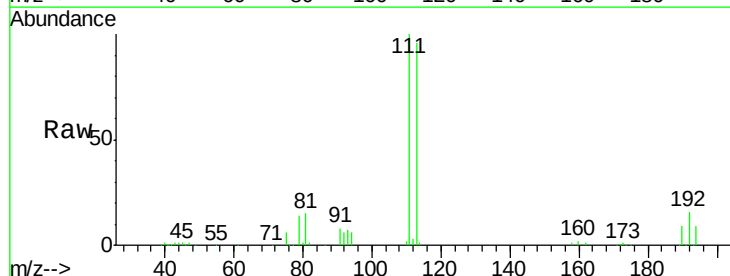
Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS5-3ME

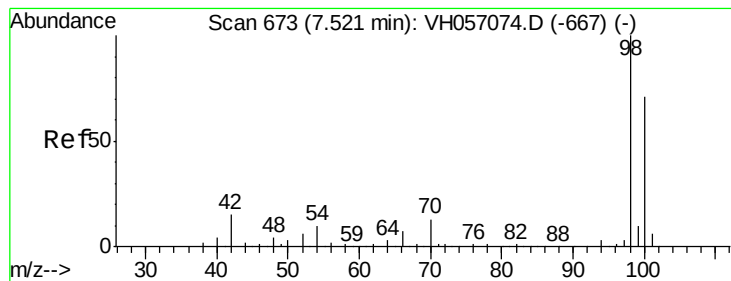
Tot Ion:114 Resp: 1034758
Ion Ratio Lower Upper
114 100
63 22.0 19.0 28.4
88 18.9 15.7 23.5



#35
Dibromofluoromethane
Concen: 80.93 ug/l
RT: 4.07 min Scan# 347
Delta R.T. -0.01 min
Lab File: VH057112.D
Acq: 22 Sep 2015 19:17

Tgt Ion:113 Resp: 666736
Ion Ratio Lower Upper
113 100
111 104.7 84.0 126.0
192 16.7 13.6 20.4





#48

Toluene-d8

Concen: 79.26 ug/l

RT: 7.50 min Scan# 673

Delta R.T. -0.02 min

Lab File: VH057112.D

Acq: 22 Sep 2015 19:17

Instrument :

MSVOA_H

ClientSampleId :

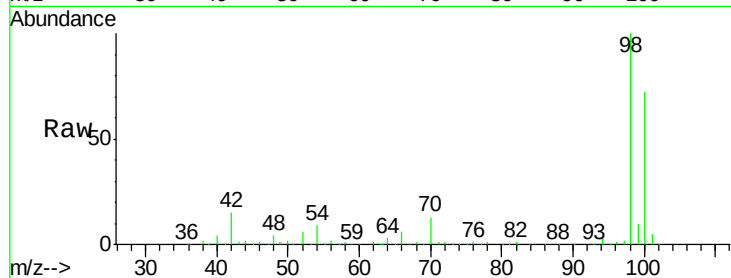
ERD45-CS5-3ME

Tot Ion: 98 Resp: 1877744

Ion Ratio Lower Upper

98 100

100 72.2 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

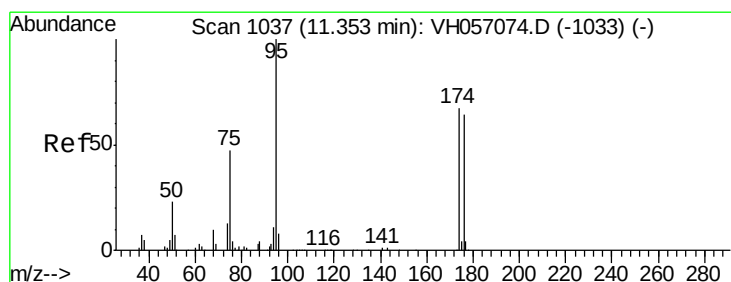
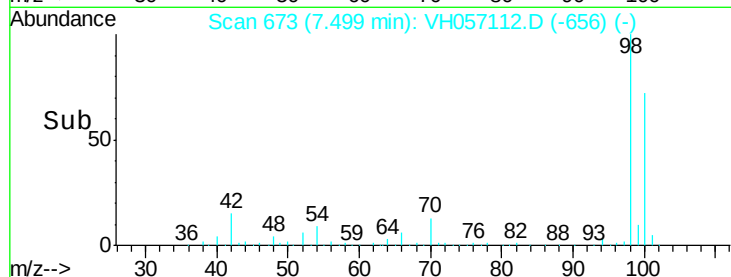
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 79.81 ug/l

RT: 11.35 min Scan# 1039

Delta R.T. -0.01 min

Lab File: VH057112.D

Acq: 22 Sep 2015 19:17

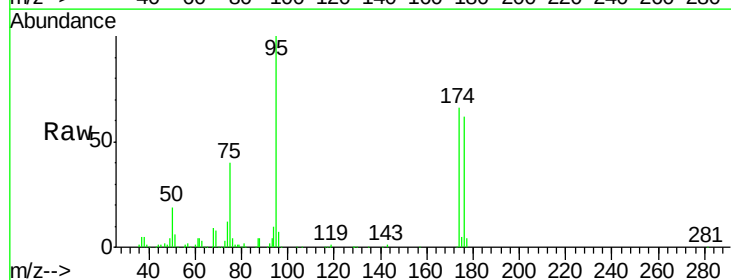
Tgt Ion: 95 Resp: 637634

Ion Ratio Lower Upper

95 100

174 66.1 58.4 87.6

176 61.7 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

11.35

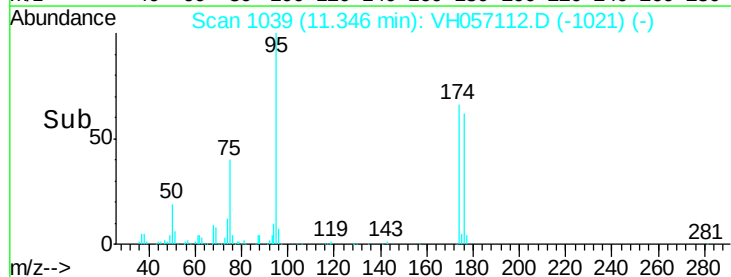
300000

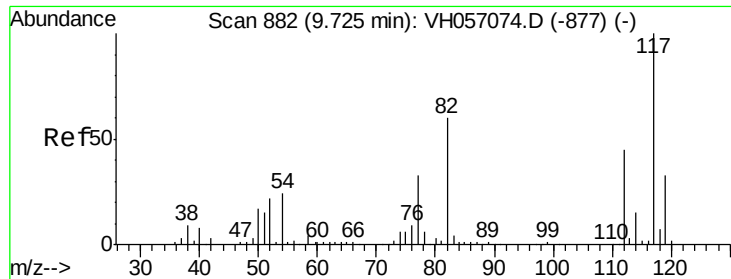
200000

100000

0

Time-->

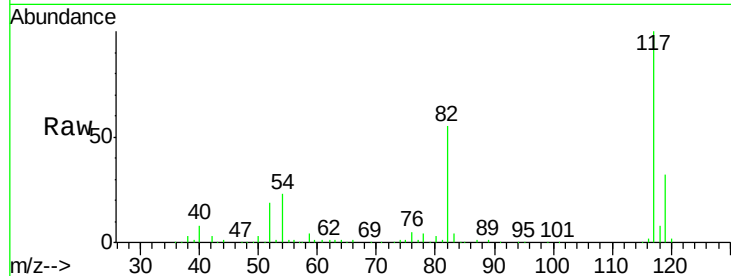




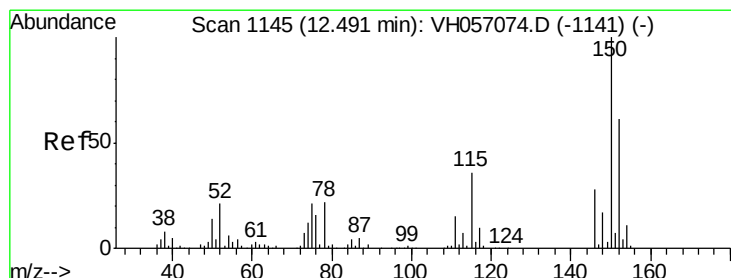
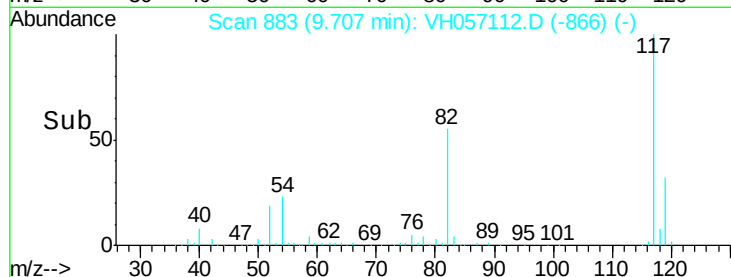
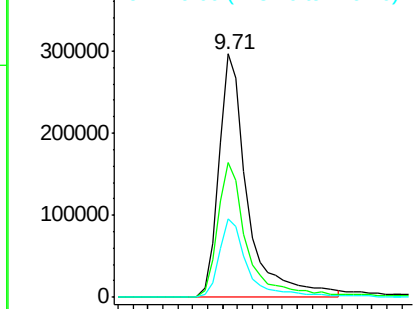
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.71 min Scan# 883
Delta R.T. -0.02 min
Lab File: VH057112.D
Acq: 22 Sep 2015 19:17

Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS5-3ME

Tot Ion:117 Resp: 797777
Ion Ratio Lower Upper
117 100
82 55.4 51.0 76.6
119 32.5 26.7 40.1

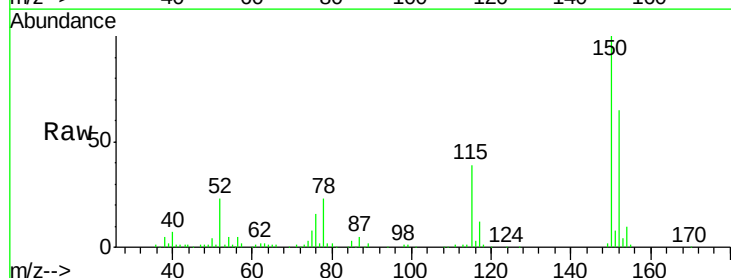


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.48 min Scan# 1147
Delta R.T. -0.01 min
Lab File: VH057112.D
Acq: 22 Sep 2015 19:17

Tgt Ion:152 Resp: 238673
Ion Ratio Lower Upper
152 100
115 59.9 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

