

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 04:39:08 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		R.T.	QIon	Response	Conc	Units	Dev(Min)
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%#	

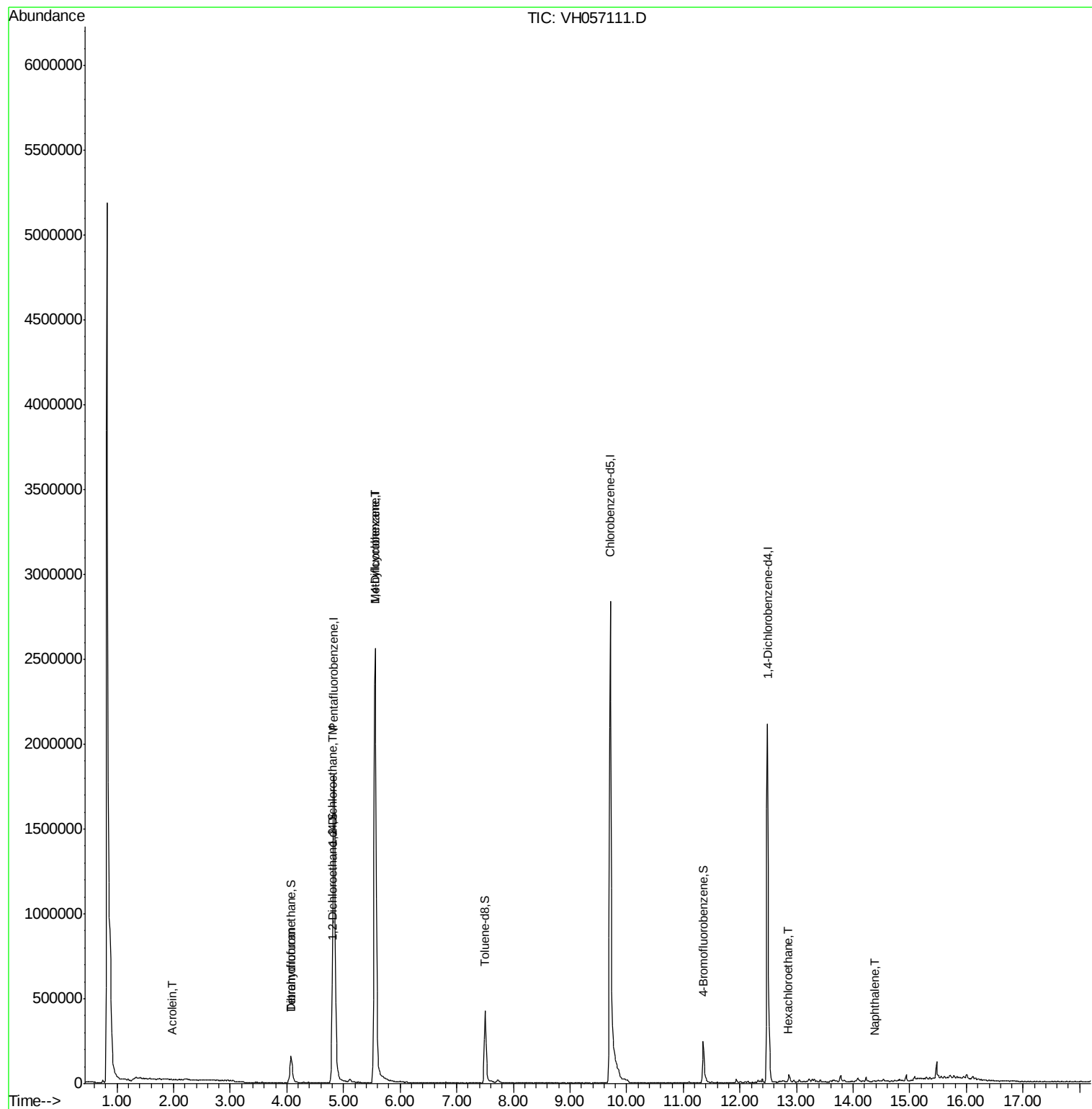
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.27	94	1717	Below Cal	#	1
6) Chloroethane	1.37	64	439	Below Cal	#	1
13) Acrolein	1.97	56	938	0.27	ug/l	13
17) Acetone	2.22	43	6969	Below Cal	#	73
31) Tetrahydrofuran	4.07	42	3596	0.21	ug/l	57
41) 1,2-Dichloroethane	4.81	62	8168	0.22	ug/l	1
44) Methylcyclohexane	5.56	83	20807	1.04	ug/l	33
90) Hexachloroethane	12.85	117	2138	0.30	ug/l	29
95) Naphthalene	14.38	128	2513	4.97	ug/l	70

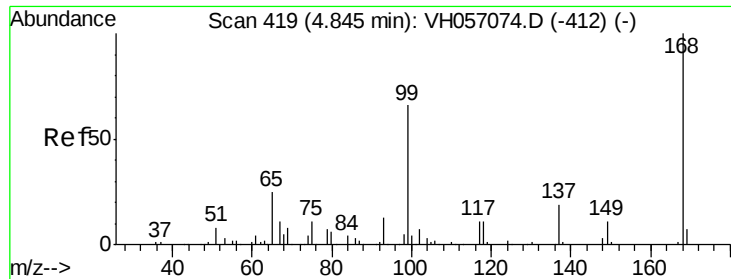
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 419

Delta R.T. -0.01 min

Lab File: VH057111.D

Acq: 22 Sep 2015 18:49

Instrument :

MSVOA_H

ClientSampleId :

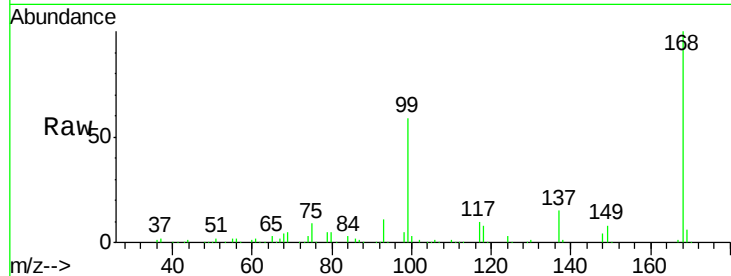
ERD45-CS4-3

Tgt Ion:168 Resp: 1837344

Ion Ratio Lower Upper

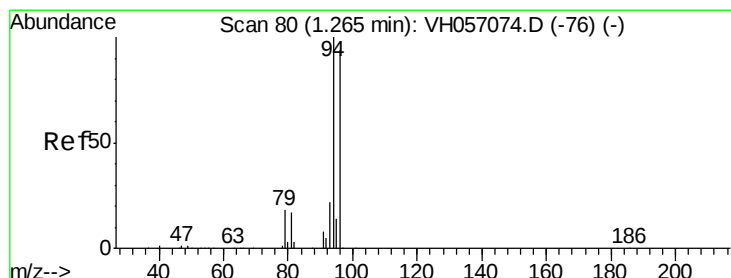
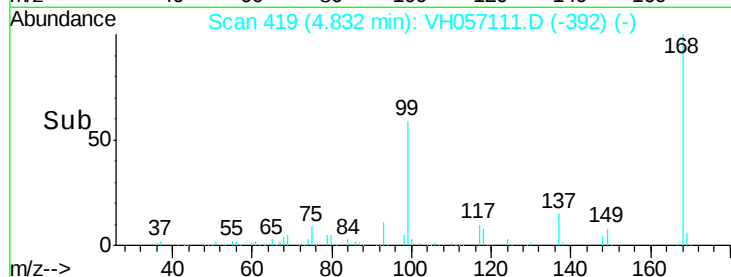
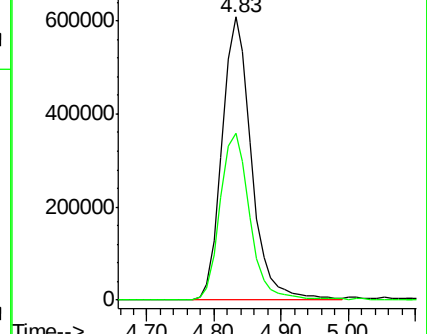
168 100

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



#5

Bromomethane

Concen: Below Cal

RT: 1.27 min Scan# 80

Delta R.T. 0.00 min

Lab File: VH057111.D

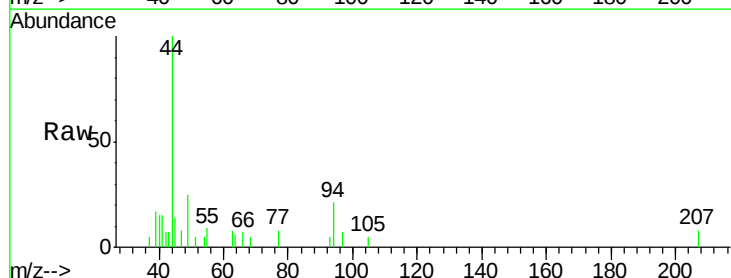
Acq: 22 Sep 2015 18:49

Tgt Ion: 94 Resp: 1717

Ion Ratio Lower Upper

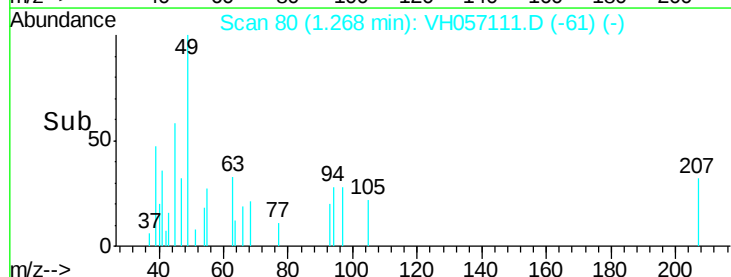
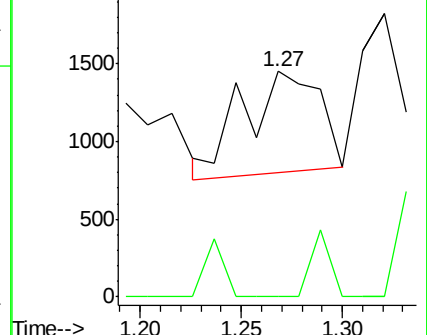
94 100

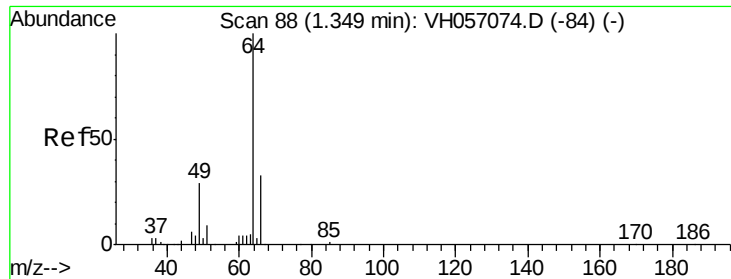
96 0.0 78.5 117.7#



Abundance Ion 94.00 (93.70 to 94.70): VH0

Ion 96.00 (95.70 to 96.70): VH0





#6

Chloroethane

Concen: Below Cal

RT: 1.37 min Scan# 90

Delta R.T. 0.03 min

Lab File: VH057111.D

Acq: 22 Sep 2015 18:49

Instrument :

MSVOA_H

ClientSampleId :

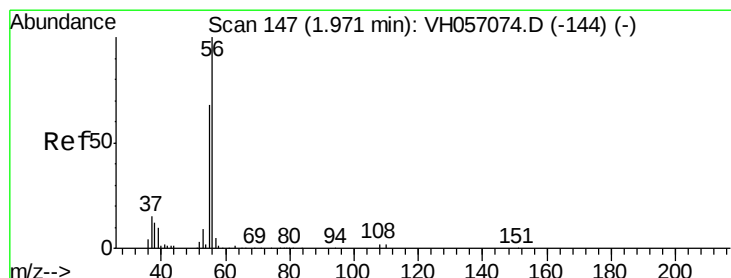
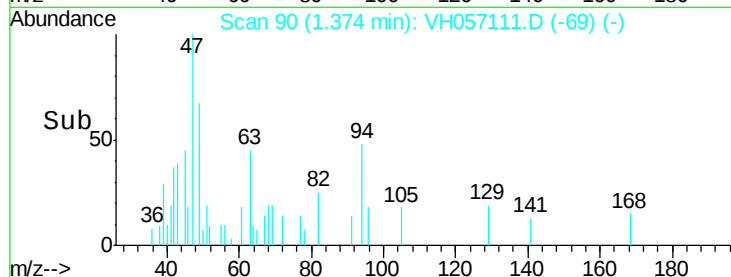
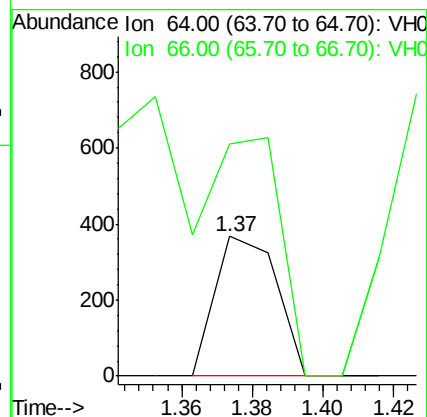
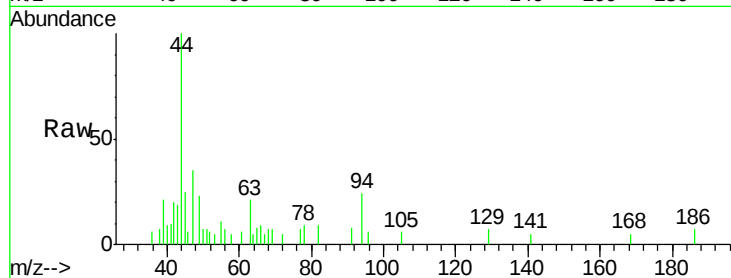
ERD45-CS4-3

Tgt Ion: 64 Resp: 439

Ion Ratio Lower Upper

64 100

66 166.3 25.2 37.8#



#13

Acrolein

Concen: 0.27 ug/l

RT: 1.97 min Scan# 147

Delta R.T. 0.00 min

Lab File: VH057111.D

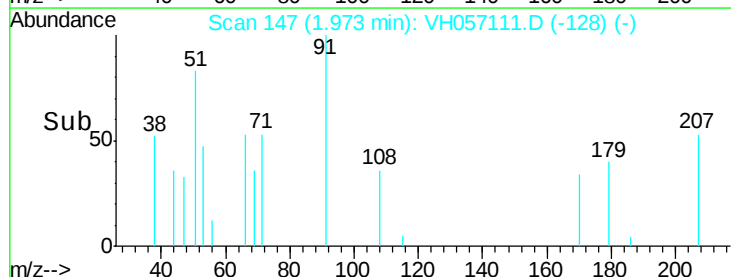
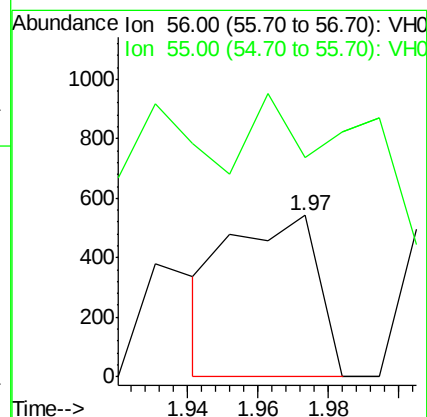
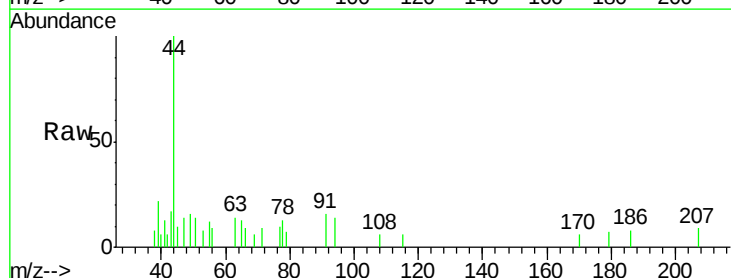
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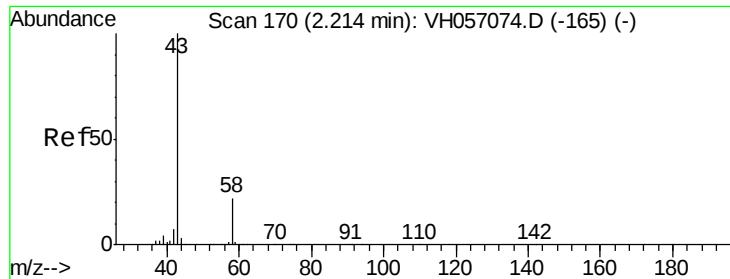
Tgt Ion: 56 Resp: 938

Ion Ratio Lower Upper

56 100

55 135.5 52.9 79.3#

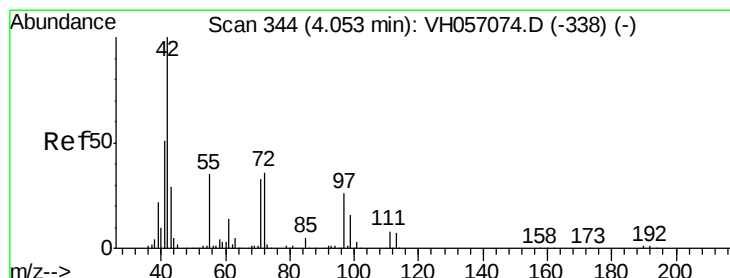
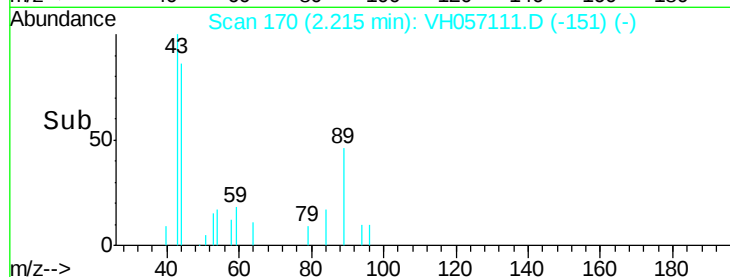
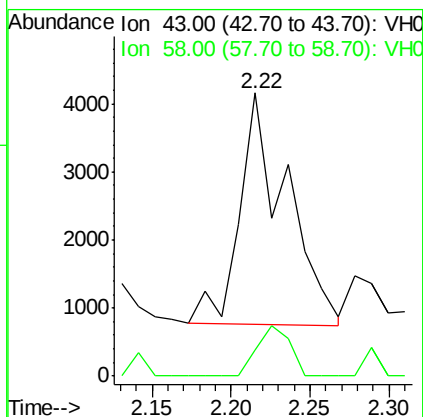
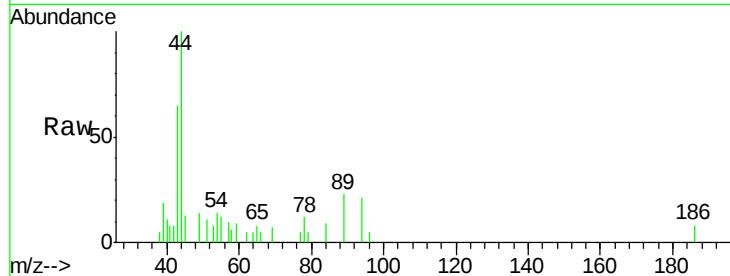




#17
Acetone
Concen: Below Cal
RT: 2.22 min Scan# 170
Delta R.T. 0.00 min
Lab File: VH057111.D
Acq: 22 Sep 2015 18:49

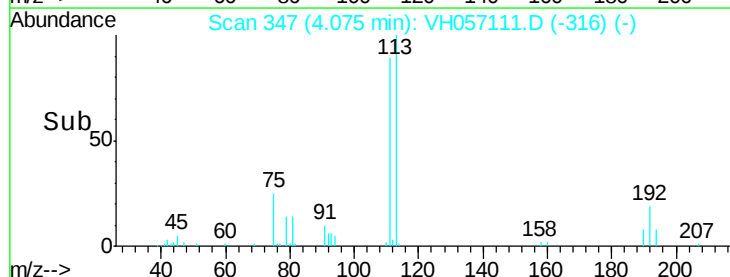
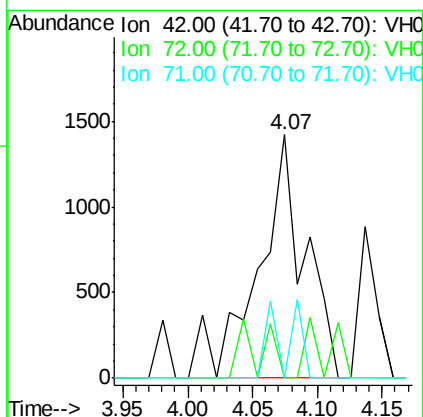
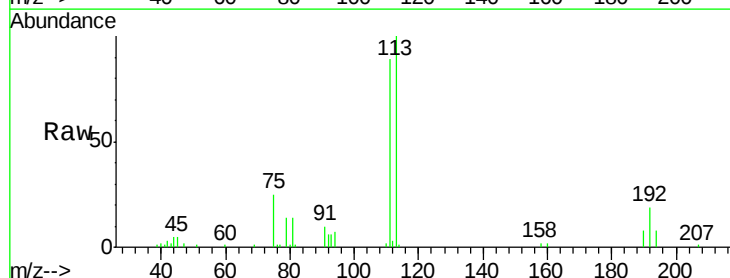
Instrument :
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ClientSampleId :
ERD45-CS4-3

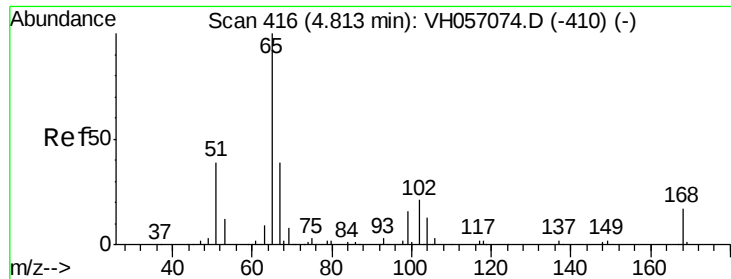
Tgt Ion: 43 Resp: 6969
Ion Ratio Lower Upper
43 100
58 9.2 17.7 26.5#



#31
Tetrahydrofuran
Concen: 0.21 ug/l
RT: 4.07 min Scan# 347
Delta R.T. 0.02 min
Lab File: VH057111.D
Acq: 22 Sep 2015 18:49

Tgt Ion: 42 Resp: 3596
Ion Ratio Lower Upper
42 100
72 0.0 25.5 38.3#
71 15.8 25.4 38.0#





#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

Instrument :

MSVOA_H

ClientSampleId :

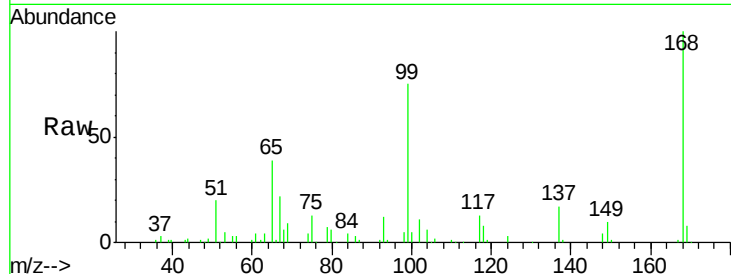
ERD45-CS4-3

Tgt Ion: 65 Resp: 160754

Ion Ratio Lower Upper

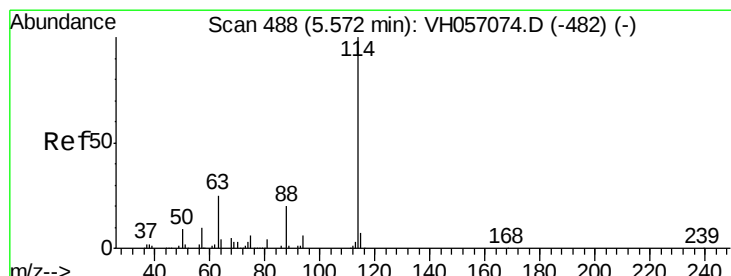
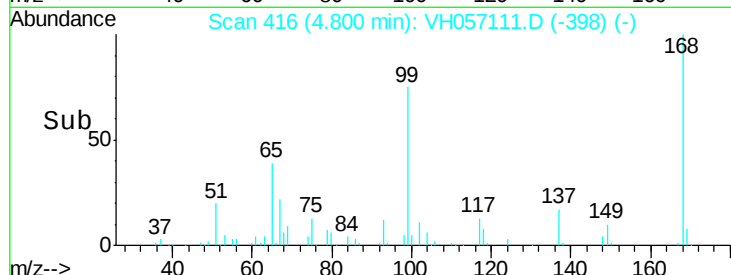
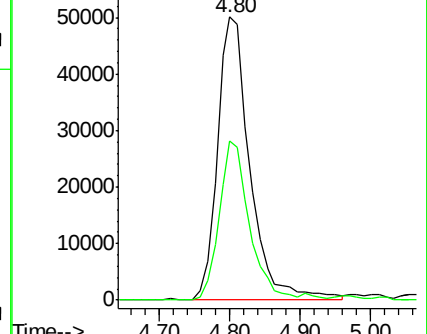
65 100

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

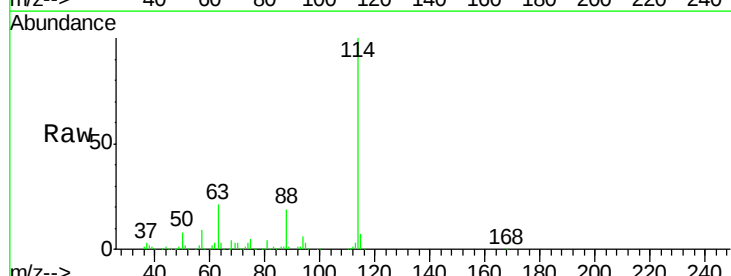
Tgt Ion: 114 Resp: 3162006

Ion Ratio Lower Upper

114 100

63 21.5 19.0 28.4

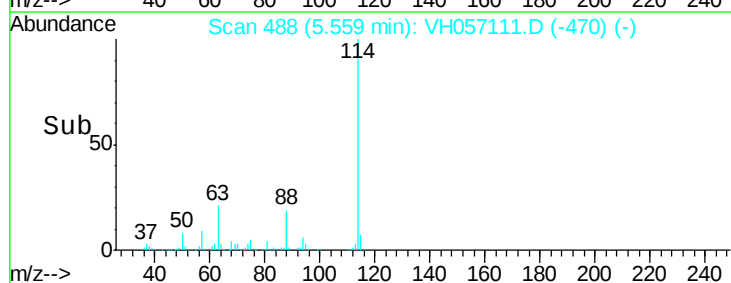
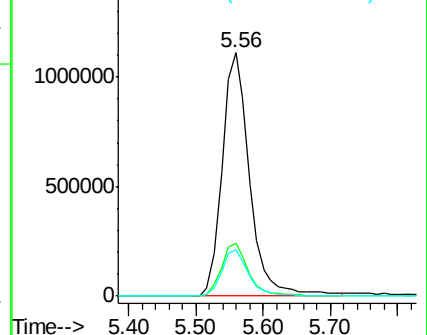
88 19.0 15.7 23.5

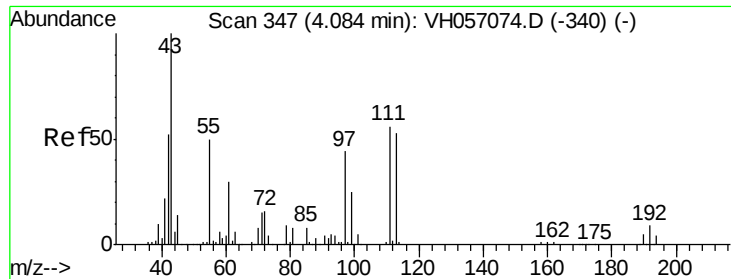


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VH0

Ion 88.00 (87.70 to 88.70): VH0

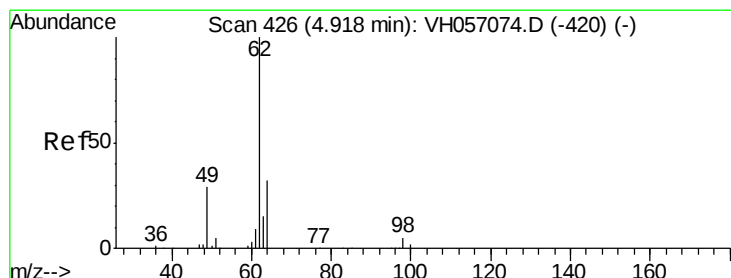
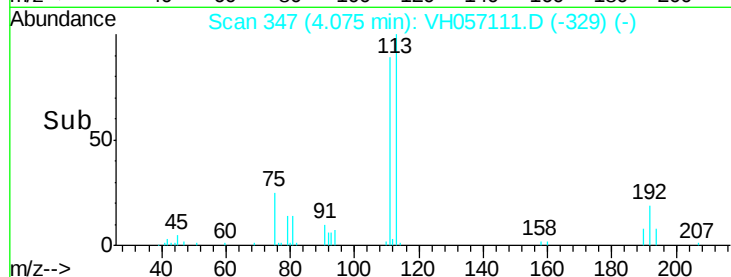
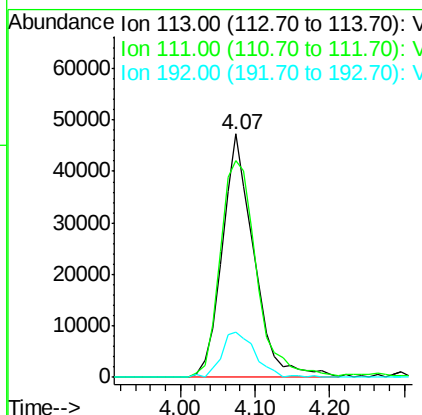
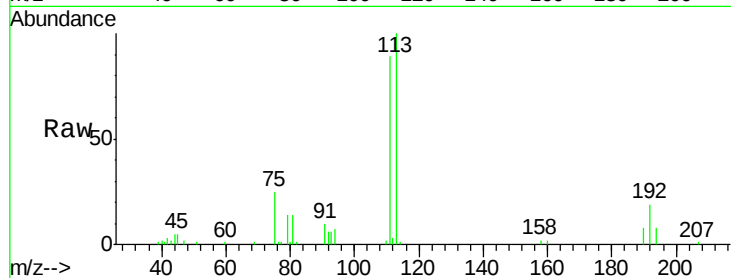




#35
 Dibromofluoromethane
 Concen: 5.62 ug/l
 RT: 4.07 min Scan# 347
 Delta R.T. -0.01 min
 Lab File: VH057111.D
 Acq: 22 Sep 2015 18:49

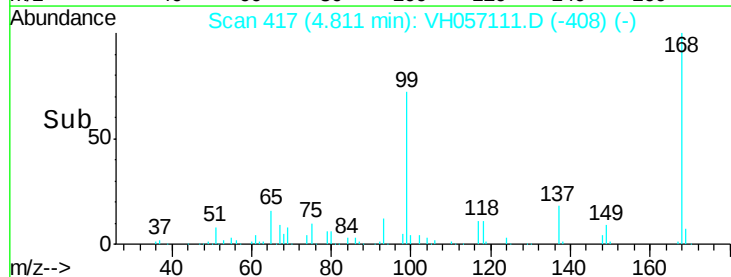
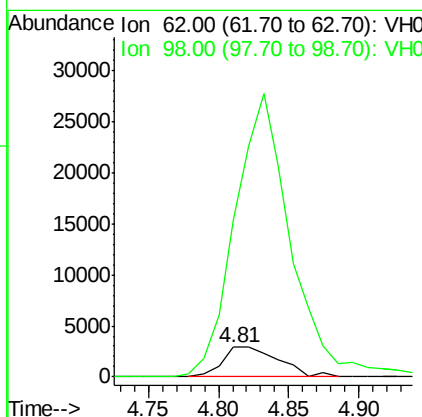
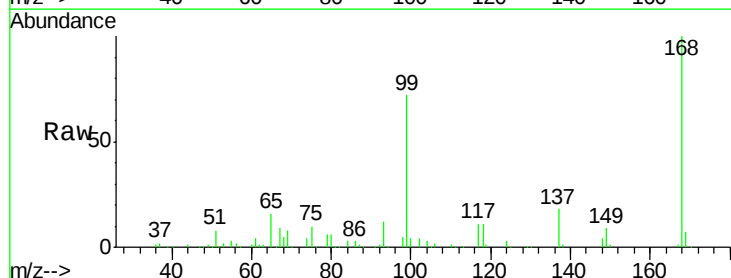
Instrument :
 MSVOA_H
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 ERD45-CS4-3

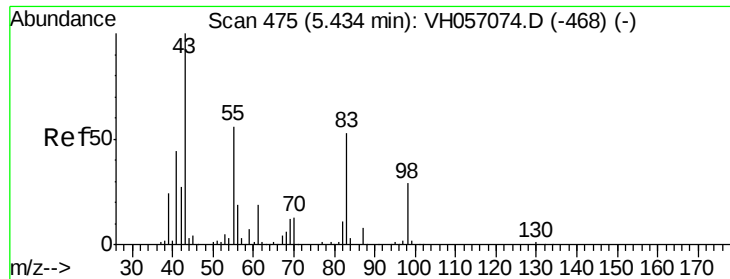
Tgt Ion: 113 Resp: 141607
 Ion Ratio Lower Upper
 113 100
 111 89.2 84.0 126.0
 192 18.8 13.6 20.4



#41
 1,2-Dichloroethane
 Concen: 0.22 ug/l
 RT: 4.81 min Scan# 417
 Delta R.T. -0.11 min
 Lab File: VH057111.D
 Acq: 22 Sep 2015 18:49

Tgt Ion: 62 Resp: 8168
 Ion Ratio Lower Upper
 62 100
 98 526.3 7.3 10.9#

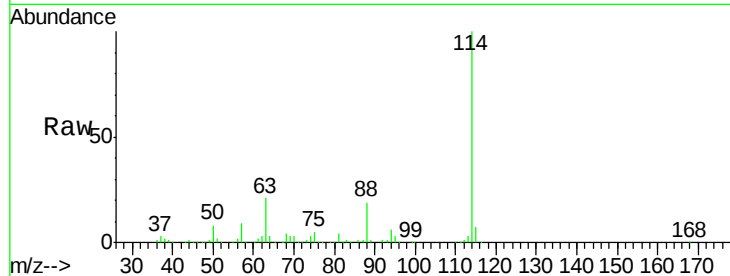




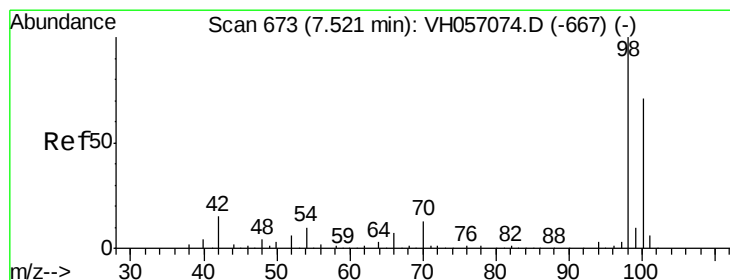
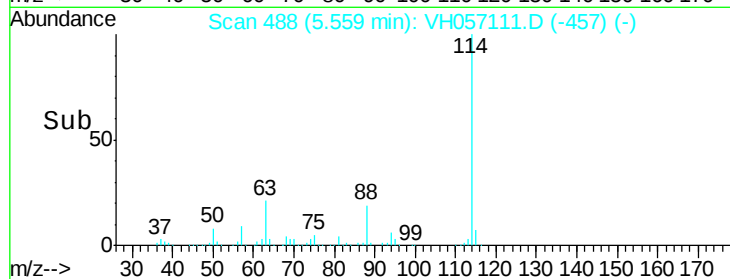
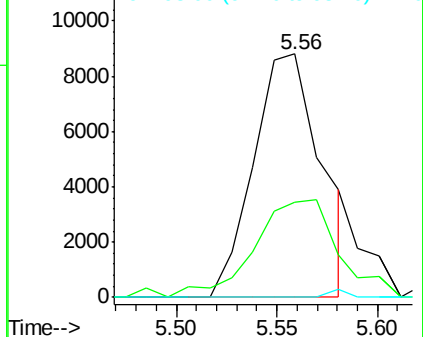
#44
Methylcyclohexane
Concen: 1.04 ug/l
RT: 5.56 min Scan# 488
Delta R.T. 0.13 min
Lab File: VH057111.D
Acq: 22 Sep 2015 18:49

Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS4-3

Tgt Ion: 83 Resp: 20807
Ion Ratio Lower Upper
83 100
55 39.2 0.0 207.2
98 0.0 0.0 108.4

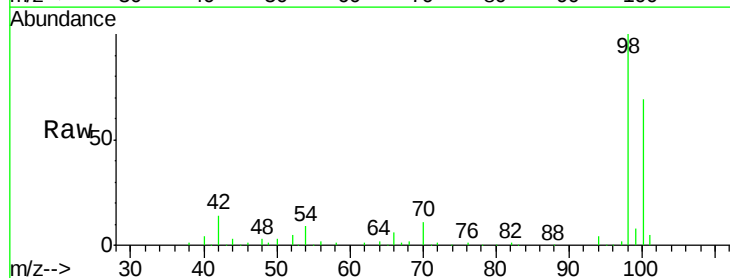


Abundance Ion 83.00 (82.70 to 83.70): VH0
Ion 55.00 (54.70 to 55.70): VH0
Ion 98.00 (97.70 to 98.70): VH0

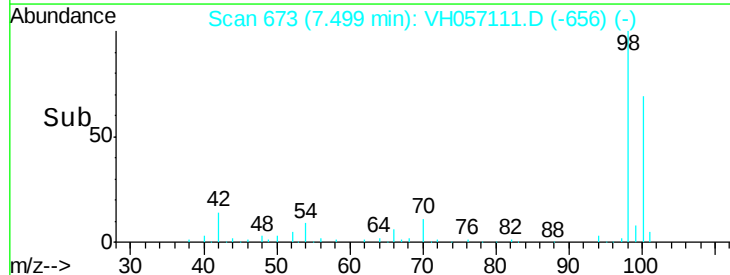
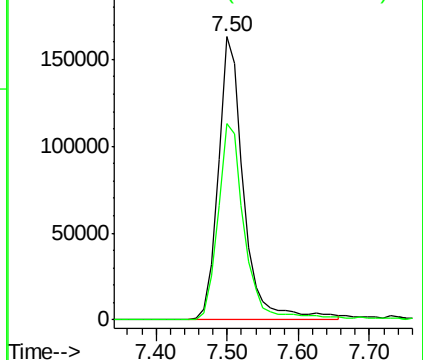


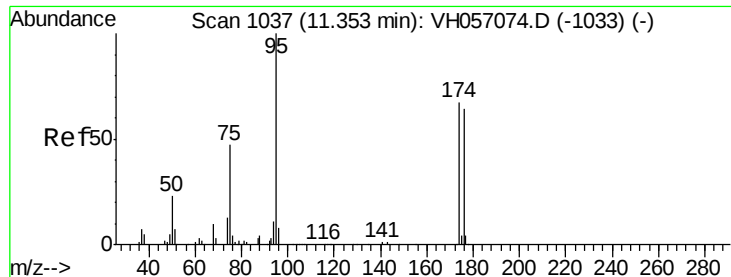
#48
Toluene-d8
Concen: 5.60 ug/l
RT: 7.50 min Scan# 673
Delta R.T. -0.02 min
Lab File: VH057111.D
Acq: 22 Sep 2015 18:49

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): VH0





#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

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS4-3

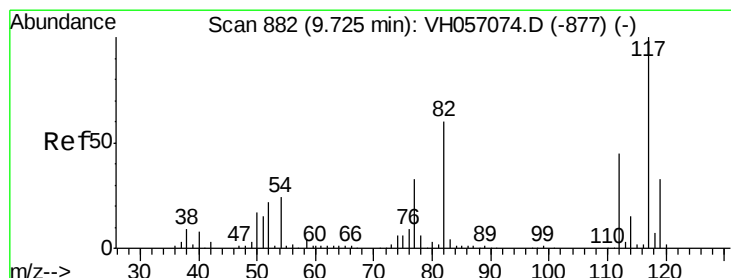
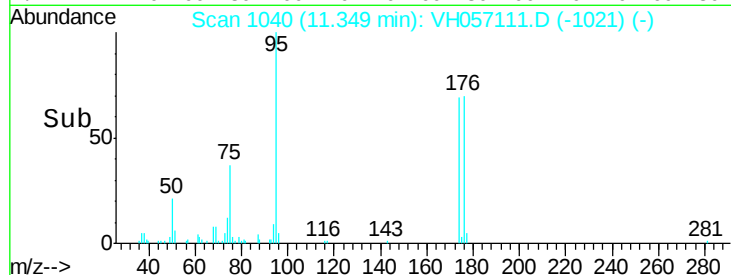
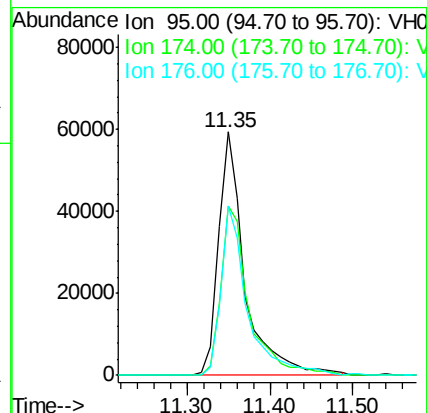
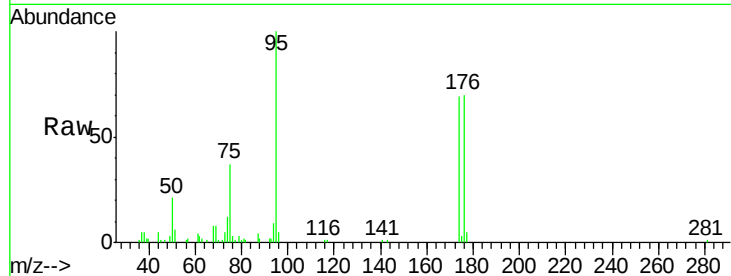
Tgt Ion: 95 Resp: 131057

Ion Ratio Lower Upper

95 100

174 69.5 58.4 87.6

176 69.7 54.3 81.5



#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

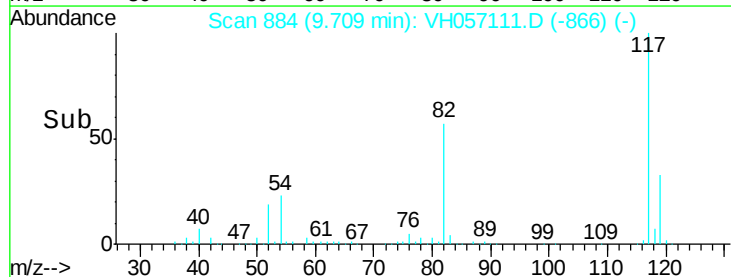
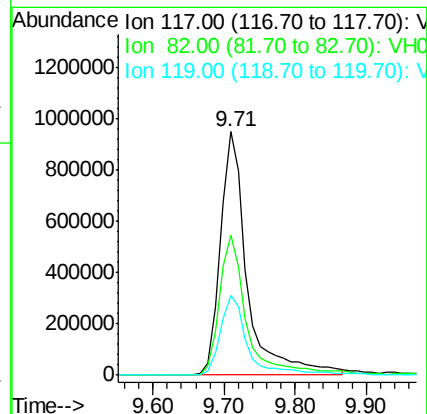
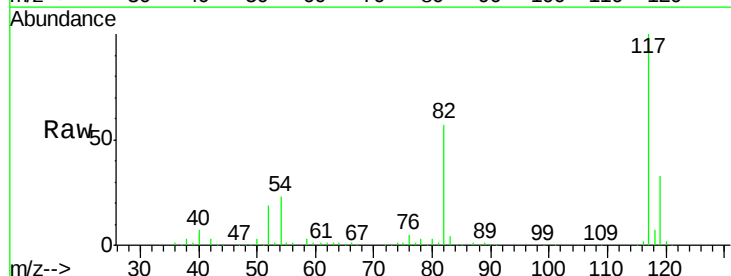
Tgt Ion: 117 Resp: 2505335

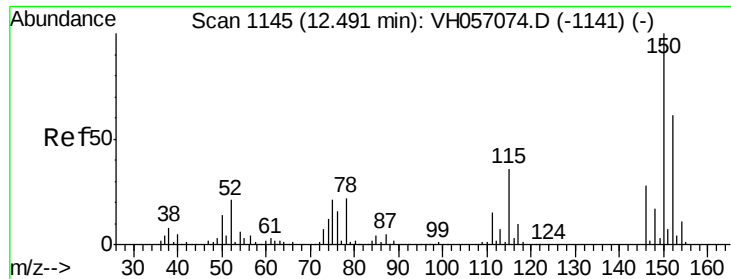
Ion Ratio Lower Upper

117 100

82 57.4 51.0 76.6

119 32.9 26.7 40.1





#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

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS4-3

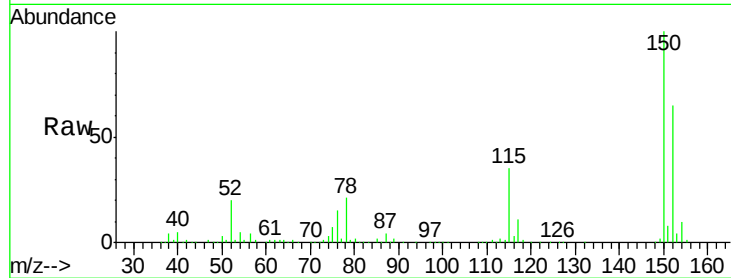
Tgt Ion:152 Resp: 729600

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.6

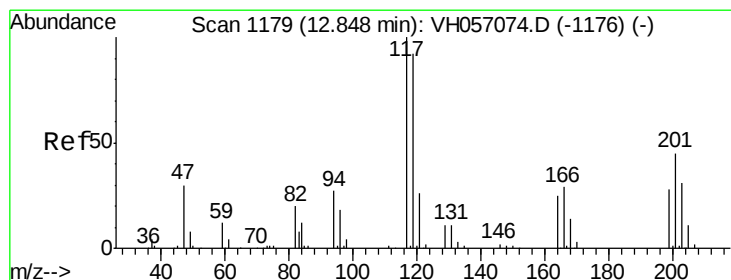
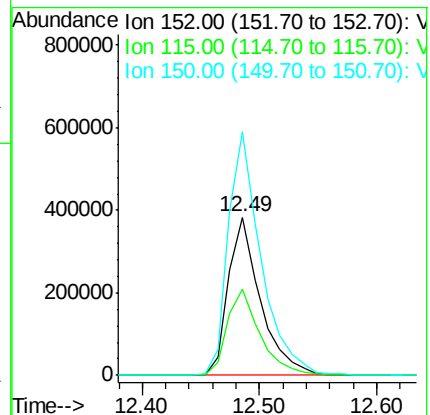
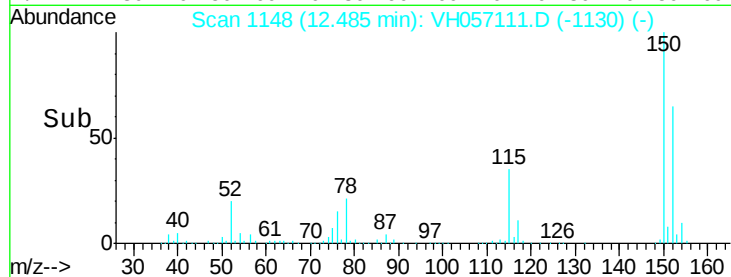
150 154.2 0.0 332.0



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



#90

Hexachloroethane

Concen: 0.30 ug/l

RT: 12.85 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VH057111.D

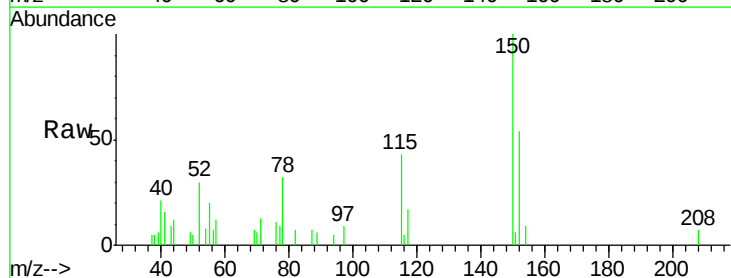
Acq: 22 Sep 2015 18:49

Tgt Ion:117 Resp: 2138

Ion Ratio Lower Upper

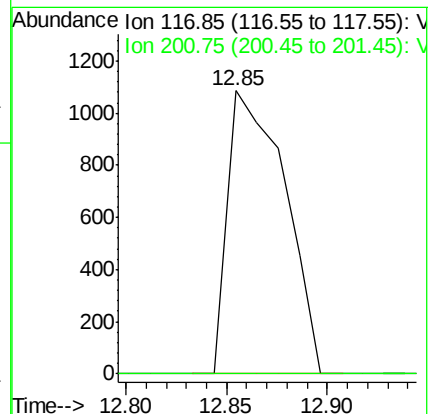
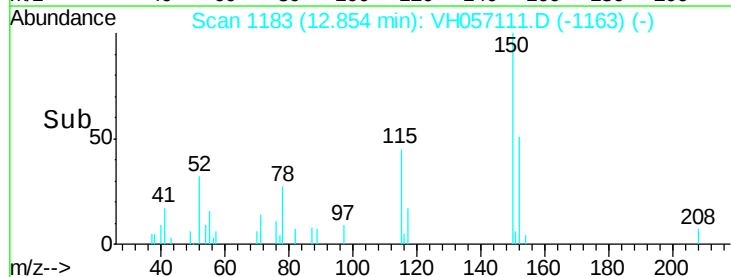
117 100

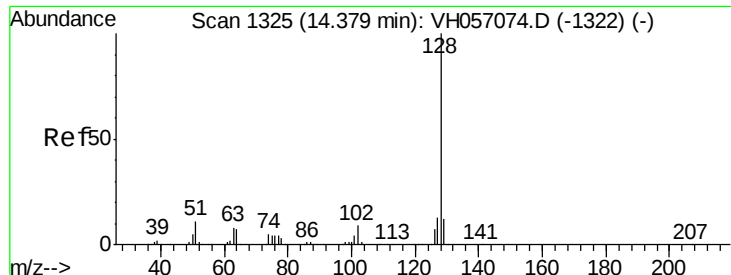
201 0.0 14.0 80.8#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

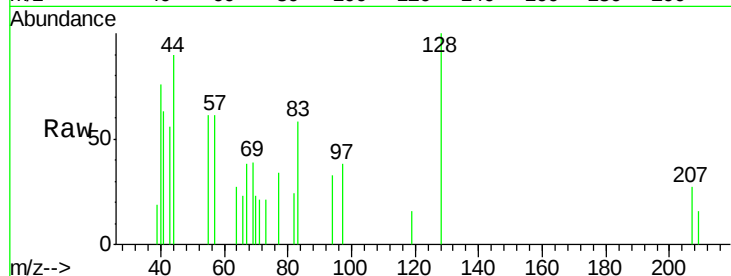




#95
Naphthalene
Concen: 4.97 ug/l
RT: 14.38 min Scan# 1328
Delta R.T. -0.00 min
Lab File: VH057111.D
Acq: 22 Sep 2015 18:49

Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS4-3

Tgt Ion:128 Resp: 2513
Ion Ratio Lower Upper
128 100
127 0.0 9.6 14.4#
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

