

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
 Data File : VH057116.D
 Acq On : 22 Sep 2015 21:05
 Operator : SY/FY
 Sample : G3767-09ME
 Misc : 5.01g/10mL//100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS9-11ME

Quant Time: Sep 23 04:40:18 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	463916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.56	114	832262	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.71	117	654245	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.48	152	190562	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	337421	40.73	ug/l	0.00
Spiked Amount	50.000	Range	66 - 150	Recovery	=	81.46%	
35) Dibromofluoromethane		4.08	113	306165	46.20	ug/l	0.00
Spiked Amount	50.000	Range	76 - 130	Recovery	=	92.40%	
48) Toluene-d8		7.51	98	830326	43.58	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 121	Recovery	=	87.16%	
62) 4-Bromofluorobenzene		11.35	95	287044	44.67	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	89.34%	

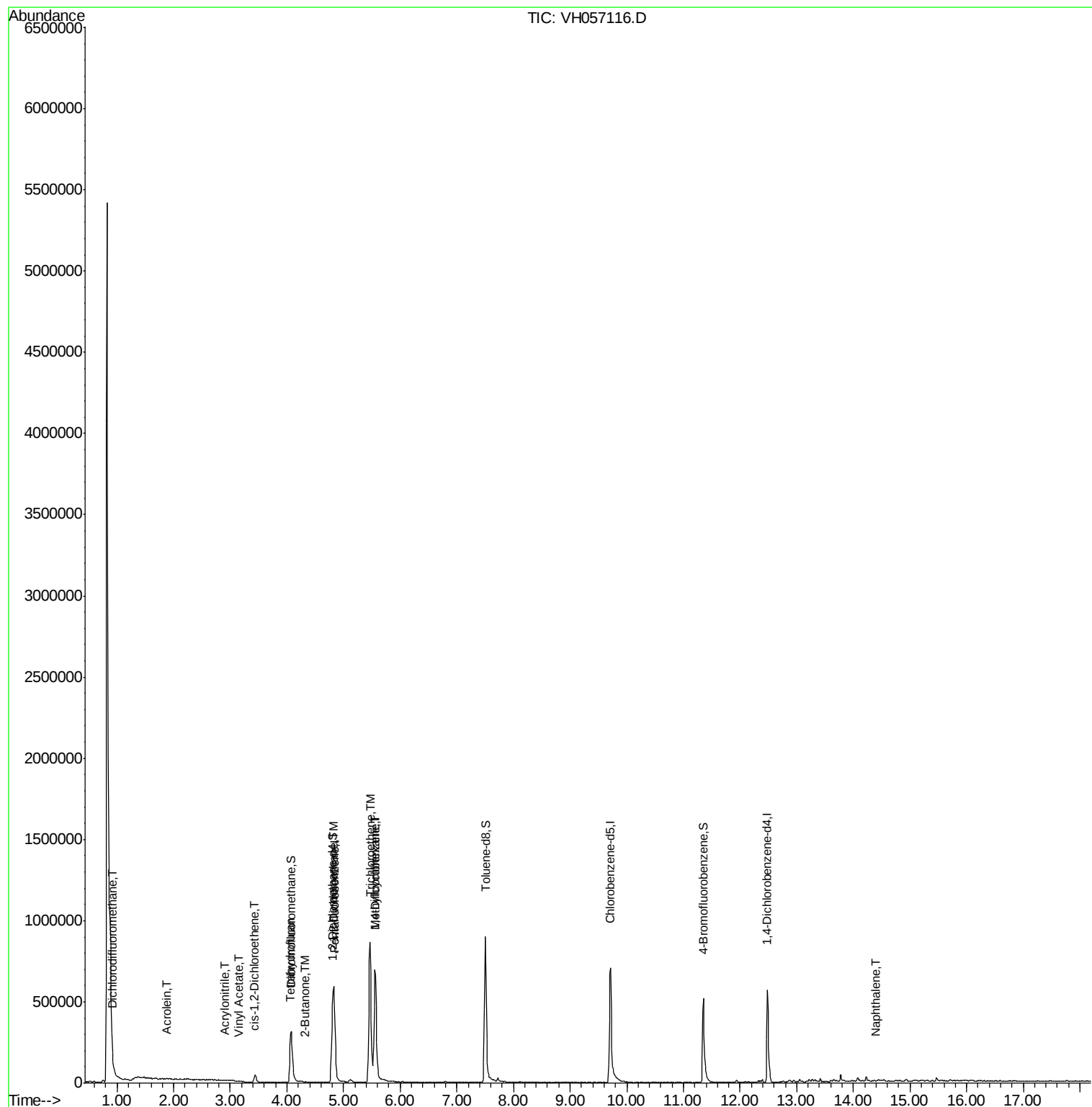
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.92	85	459	0.75	ug/l #	43
5) Bromomethane	1.24	94	1078	Below Cal	#	1
6) Chloroethane	1.38	64	423	Below Cal	#	1
13) Acrolein	1.89	56	1237	1.39	ug/l	91
15) Acrylonitrile	2.90	53	560	0.21	ug/l #	86
17) Acetone	2.21	43	1634	Below Cal		98
23) Vinyl Acetate	3.15	43	2498	0.26	ug/l #	78
25) 2-Butanone	4.32	43	3787	0.49	ug/l	57
27) cis-1,2-Dichloroethene	3.43	96	30697	4.67	ug/l #	79
31) Tetrahydrofuran	4.06	42	3704	0.86	ug/l #	43
41) 1,2-Dichloroethane	4.82	62	2080	0.22	ug/l #	1
43) Trichloroethene	5.47	130	454388	82.11	ug/l	97
44) Methylcyclohexane	5.56	83	6006	1.14	ug/l	28
95) Naphthalene	14.39	128	1235	5.08	ug/l #	70

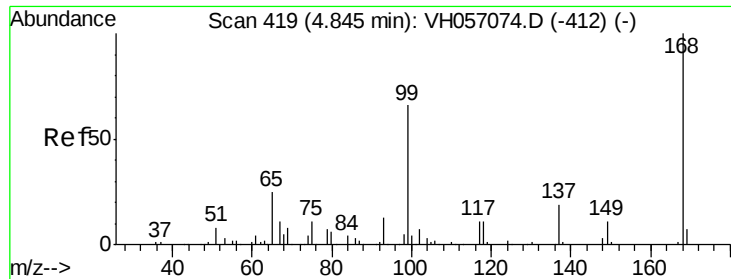
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.84 min Scan# 419

Delta R.T. -0.01 min

Lab File: VH057116.D

Acq: 22 Sep 2015 21:05

Instrument :

MSVOA_H

ClientSampleId :

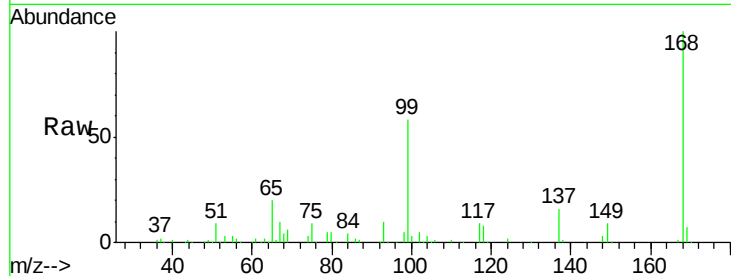
ERD45-CS9-11ME

Tgt Ion:168 Resp: 463916

Ion Ratio Lower Upper

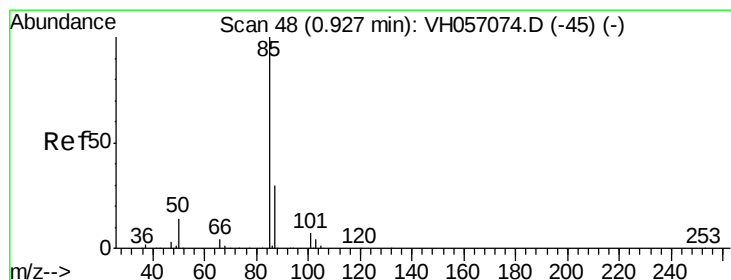
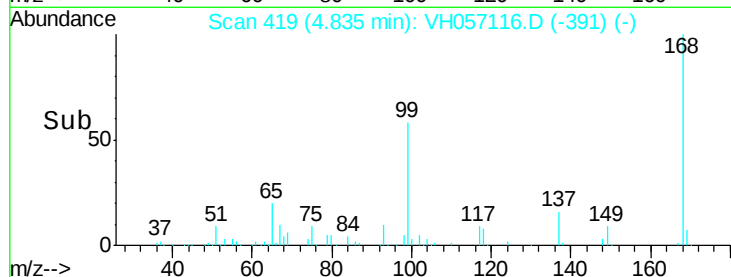
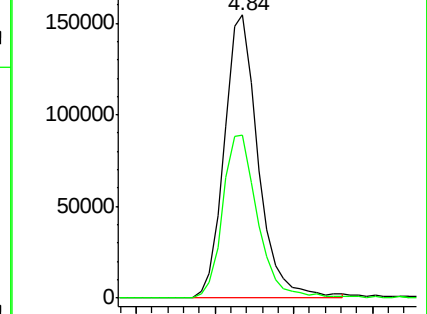
168 100

99 57.5 55.8 83.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VHO



#2

Dichlorodifluoromethane

Concen: 0.75 ug/l

RT: 0.92 min Scan# 47

Delta R.T. -0.01 min

Lab File: VH057116.D

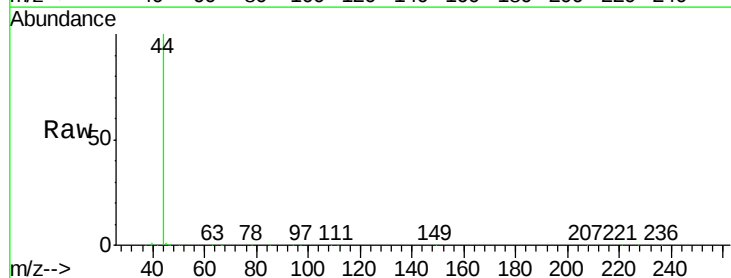
Acq: 22 Sep 2015 21:05

Tgt Ion: 85 Resp: 459

Ion Ratio Lower Upper

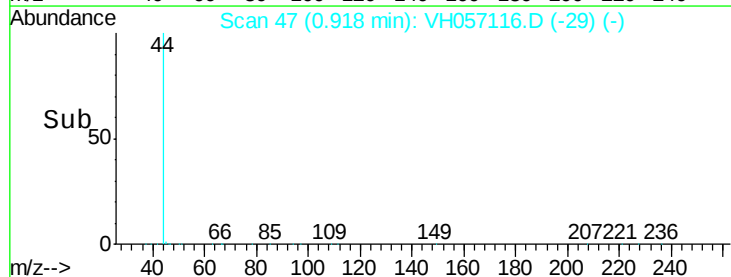
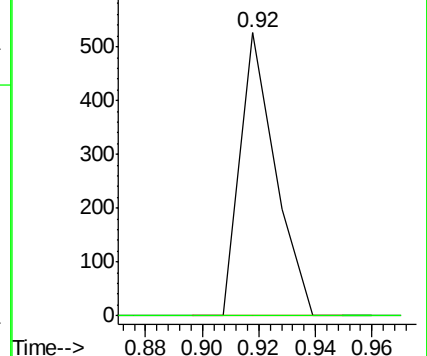
85 100

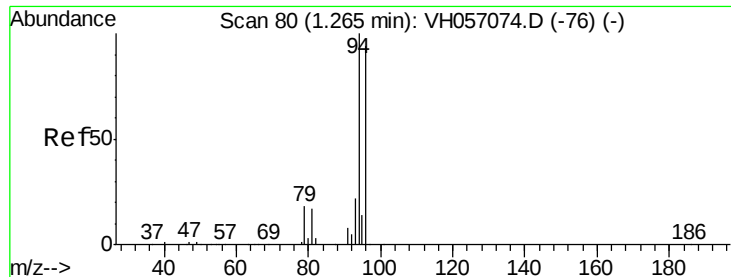
87 0.0 16.0 47.9#



Abundance Ion 85.00 (84.70 to 85.70): VHO

Ion 87.00 (86.70 to 87.70): VHO





#5

Bromomethane

Concen: Below Cal

RT: 1.24 min Scan# 78

Delta R.T. -0.02 min

Lab File: VH057116.D

Acq: 22 Sep 2015 21:05

Instrument :

MSVOA_H

ClientSampleId :

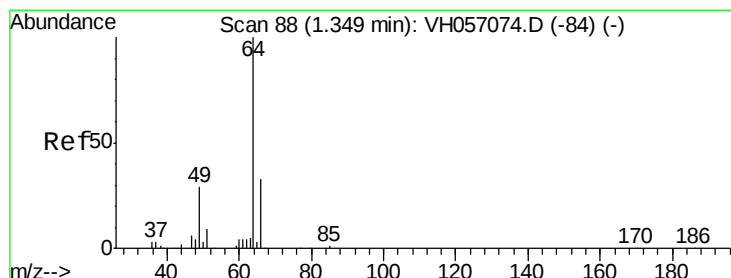
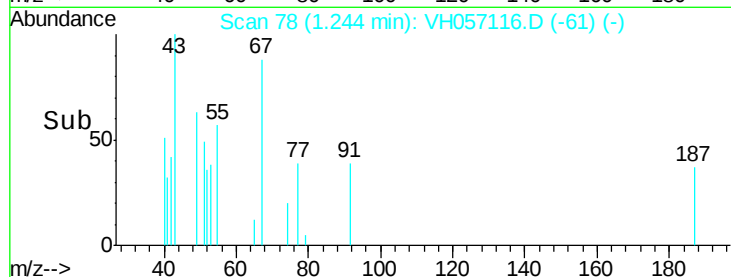
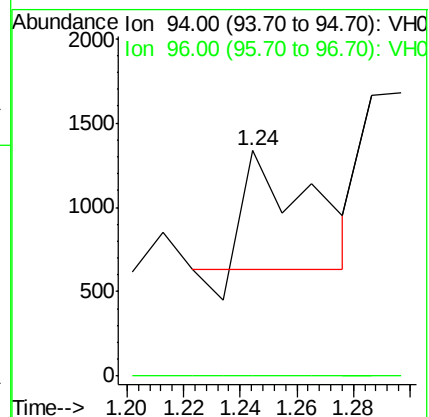
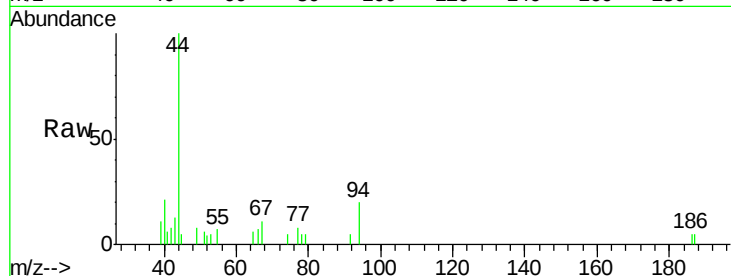
ERD45-CS9-11ME

Tgt Ion: 94 Resp: 1078

Ion Ratio Lower Upper

94 100

96 0.0 78.5 117.7#



#6

Chloroethane

Concen: Below Cal

RT: 1.38 min Scan# 91

Delta R.T. 0.03 min

Lab File: VH057116.D

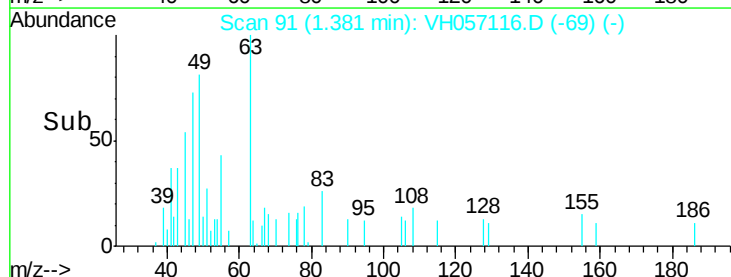
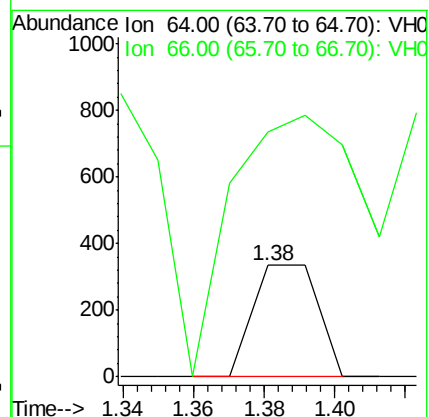
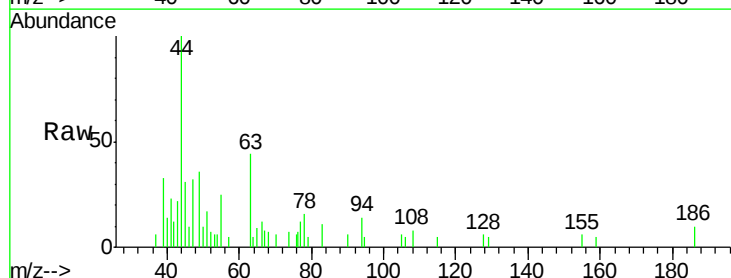
Acq: 22 Sep 2015 21:05

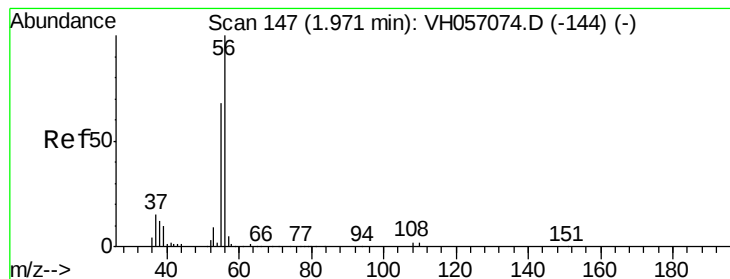
Tgt Ion: 64 Resp: 423

Ion Ratio Lower Upper

64 100

66 220.4 25.2 37.8#





#13

Acrolein

Concen: 1.39 ug/l

RT: 1.89 min Scan# 139

Delta R.T. -0.09 min

Lab File: VH057116.D

Acq: 22 Sep 2015 21:05

Instrument :

MSVOA_H

ClientSampleId :

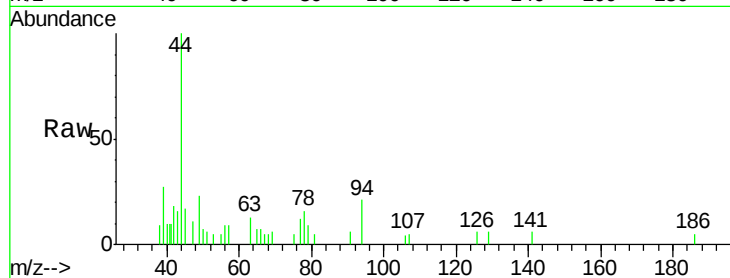
ERD45-CS9-11ME

Tgt Ion: 56 Resp: 1237

Ion Ratio Lower Upper

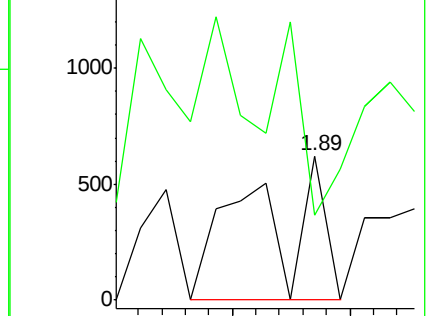
56 100

55 59.0 52.9 79.3

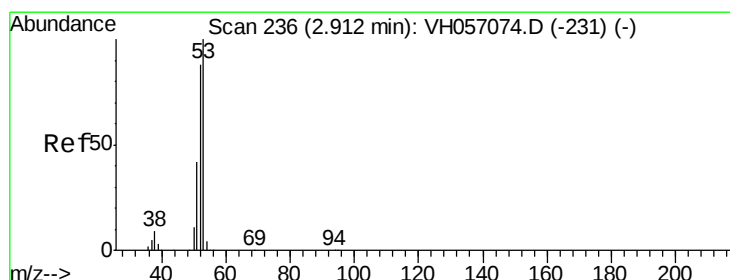
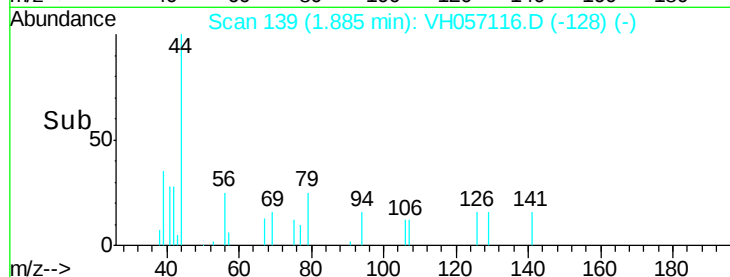


Abundance Ion 56.00 (55.70 to 56.70): VH0

Ion 55.00 (54.70 to 55.70): VH0



Time-->



#15

Acrylonitrile

Concen: 0.21 ug/l

RT: 2.90 min Scan# 235

Delta R.T. -0.01 min

Lab File: VH057116.D

Acq: 22 Sep 2015 21:05

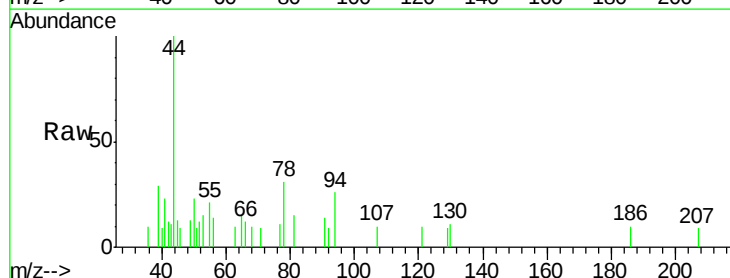
Tgt Ion: 53 Resp: 560

Ion Ratio Lower Upper

53 100

52 80.9 67.6 101.4

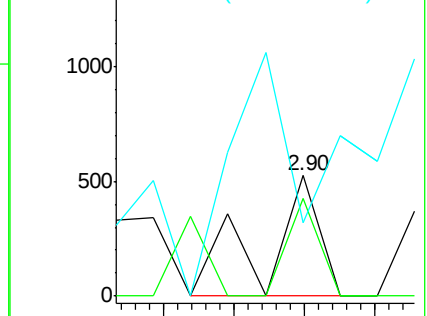
51 61.1 31.8 47.6#



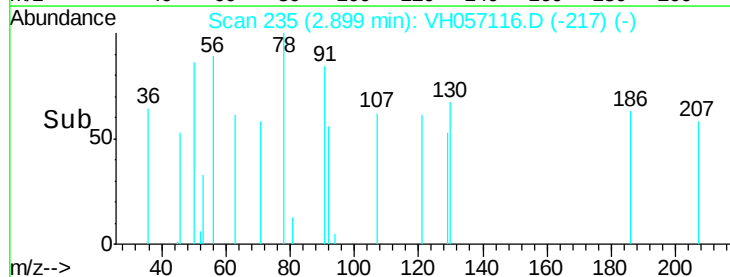
Abundance Ion 53.00 (52.70 to 53.70): VH0

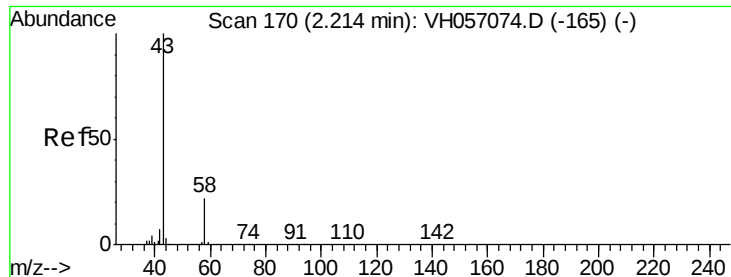
Ion 52.00 (51.70 to 52.70): VH0

Ion 51.00 (50.70 to 51.70): VH0



Time-->





#17

Acetone

Concen: Below Cal

RT: 2.21 min Scan# 170

Delta R.T. -0.00 min

Lab File: VH057116.D

Acq: 22 Sep 2015 21:05

Instrument :

MSVOA_H

ClientSampleId :

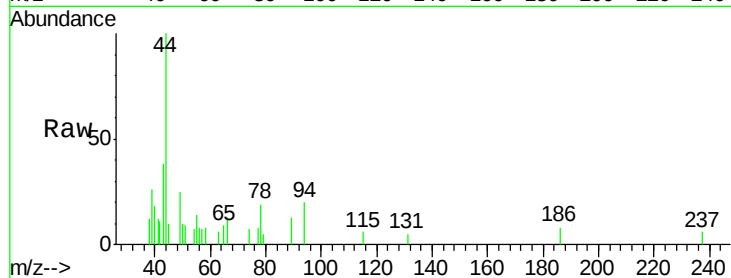
ERD45-CS9-11ME

Tgt Ion: 43 Resp: 1634

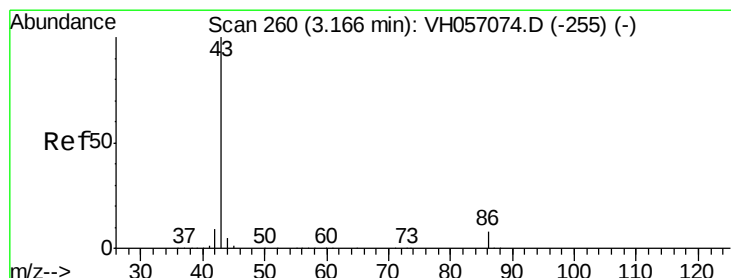
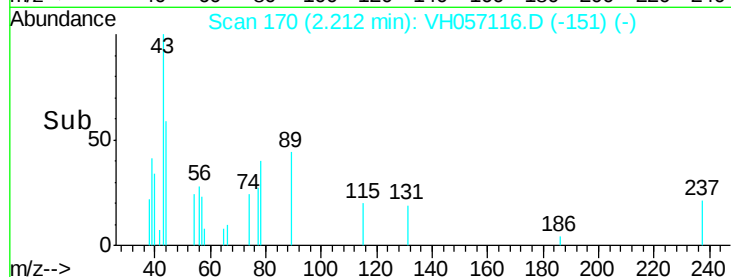
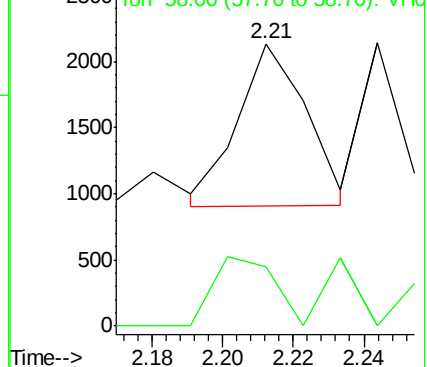
Ion Ratio Lower Upper

43 100

58 21.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VH057116.D (-151) (-)



#23

Vinyl Acetate

Concen: 0.26 ug/l

RT: 3.15 min Scan# 259

Delta R.T. -0.01 min

Lab File: VH057116.D

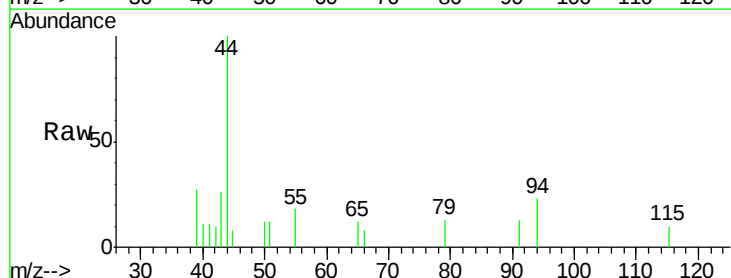
Acq: 22 Sep 2015 21:05

Tgt Ion: 43 Resp: 2498

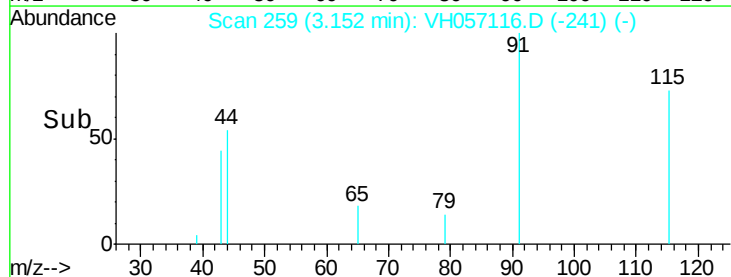
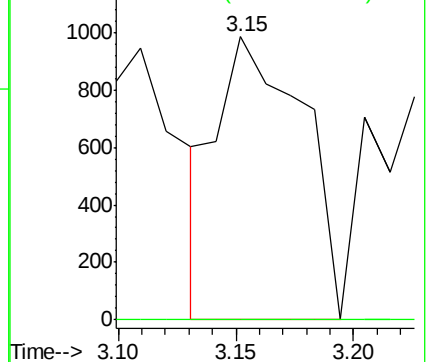
Ion Ratio Lower Upper

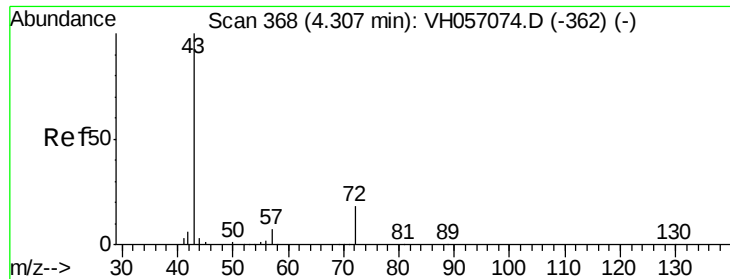
43 100

86 0.0 6.2 9.2#



Abundance Ion 43.00 (42.70 to 43.70): VH057116.D (-241) (-)





#25

2-Butanone

Concen: 0.49 ug/l

RT: 4.32 min Scan# 370

Delta R.T. 0.01 min

Lab File: VH057116.D

Acq: 22 Sep 2015 21:05

Instrument :

MSVOA_H

ClientSampleId :

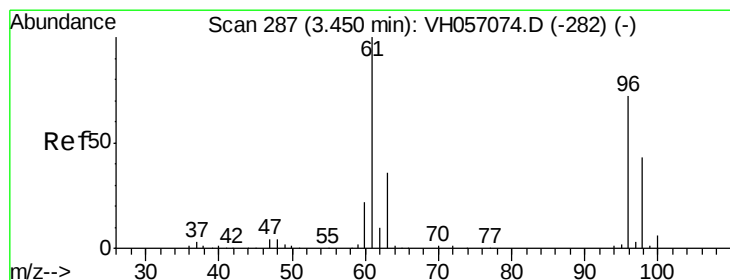
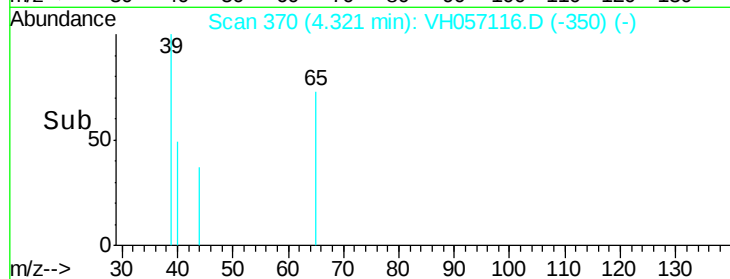
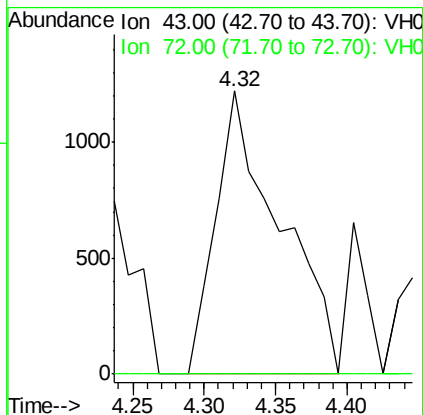
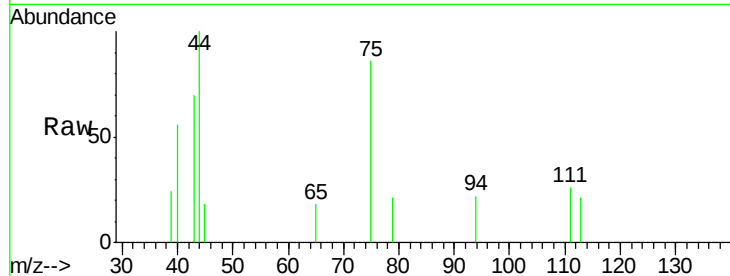
ERD45-CS9-11ME

Tgt Ion: 43 Resp: 3787

Ion Ratio Lower Upper

43 100

72 0.0 0.0 39.2



#27

cis-1,2-Dichloroethene

Concen: 4.67 ug/l

RT: 3.43 min Scan# 285

Delta R.T. -0.02 min

Lab File: VH057116.D

Acq: 22 Sep 2015 21:05

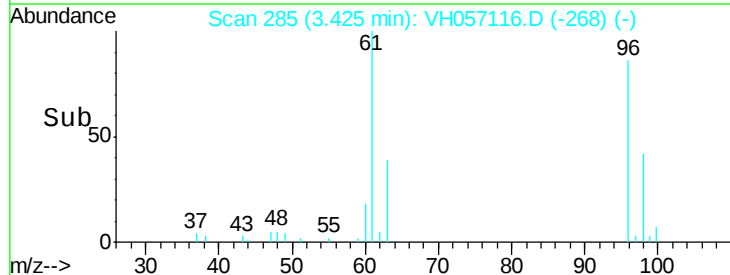
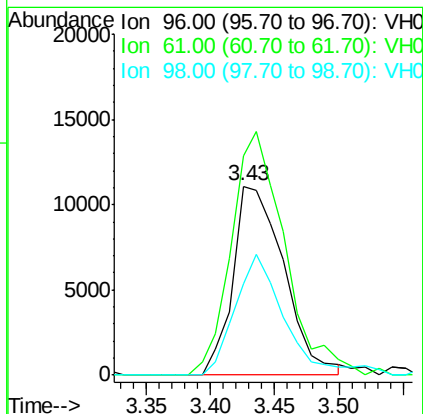
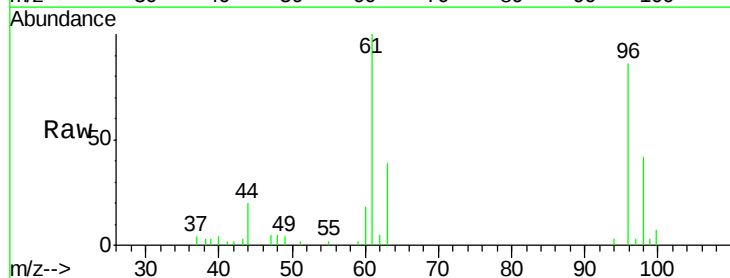
Tgt Ion: 96 Resp: 30697

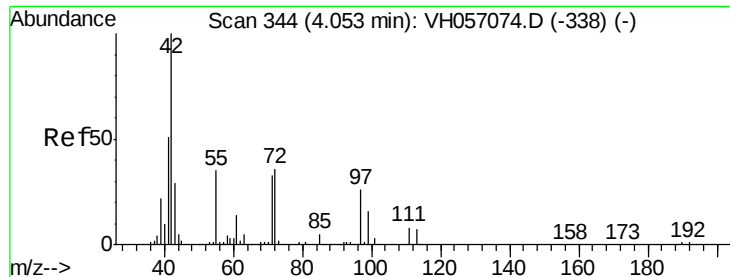
Ion Ratio Lower Upper

96 100

61 116.0 115.4 173.0

98 48.2 49.7 74.5#

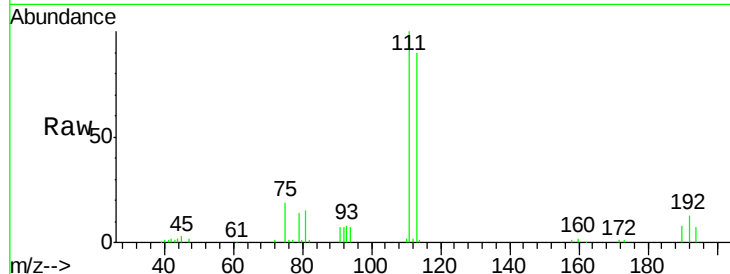




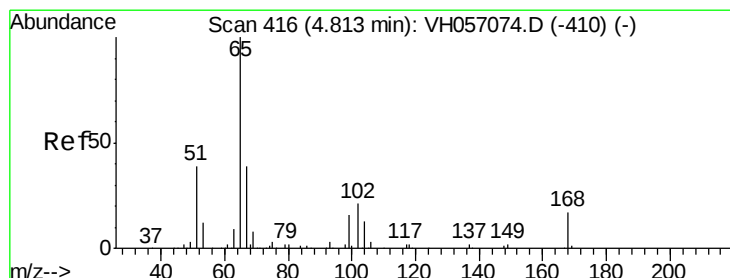
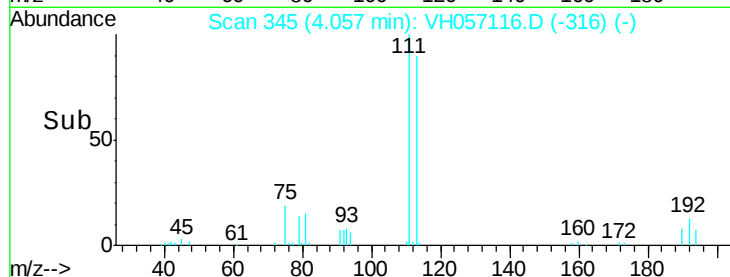
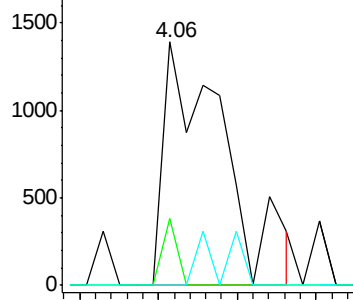
#31
Tetrahydrofuran
Concen: 0.86 ug/l
RT: 4.06 min Scan# 345
Delta R.T. 0.00 min
Lab File: VH057116.D
Acq: 22 Sep 2015 21:05

Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS9-11ME

Tgt Ion: 42 Resp: 3704
Ion Ratio Lower Upper
42 100
72 0.0 25.5 38.3#
71 0.0 25.4 38.0#

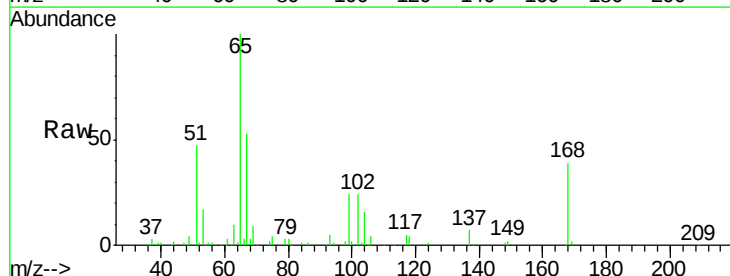


Abundance Ion 42.00 (41.70 to 42.70): VH0
Ion 72.00 (71.70 to 72.70): VH0
Ion 71.00 (70.70 to 71.70): VH0

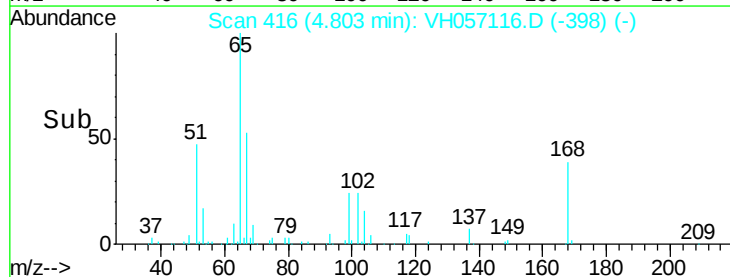
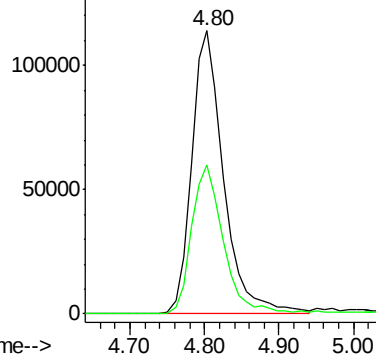


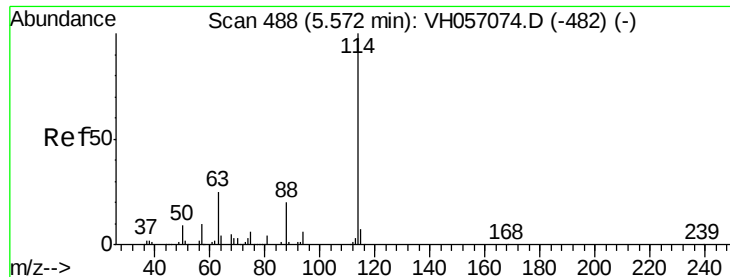
#33
1,2-Dichloroethane-d4
Concen: 40.73 ug/l
RT: 4.80 min Scan# 416
Delta R.T. -0.01 min
Lab File: VH057116.D
Acq: 22 Sep 2015 21:05

Tgt Ion: 65 Resp: 337421
Ion Ratio Lower Upper
65 100
67 52.7 43.2 64.8



Abundance Ion 65.00 (64.70 to 65.70): VH0
Ion 67.00 (66.70 to 67.70): VH0

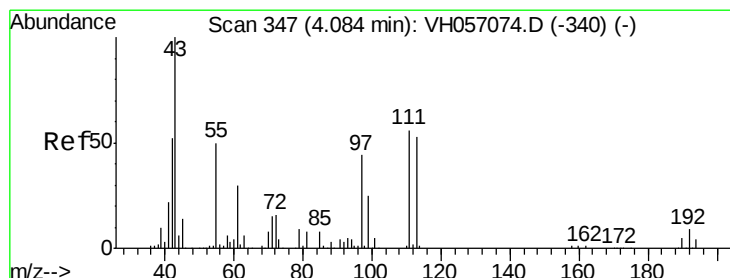
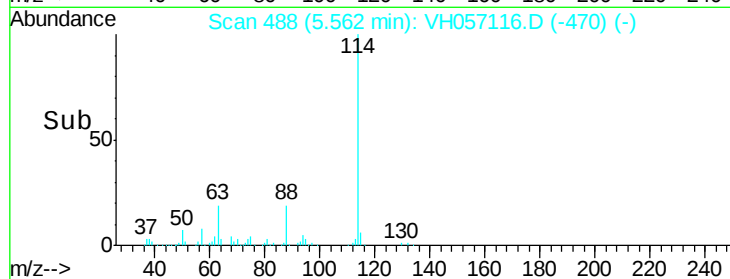
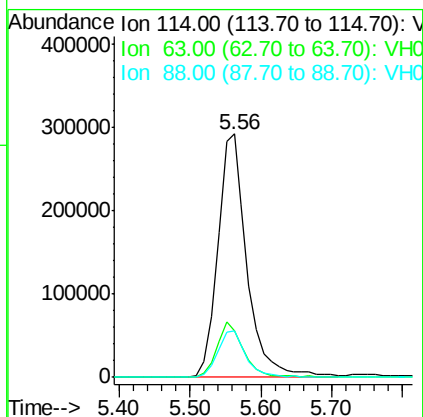
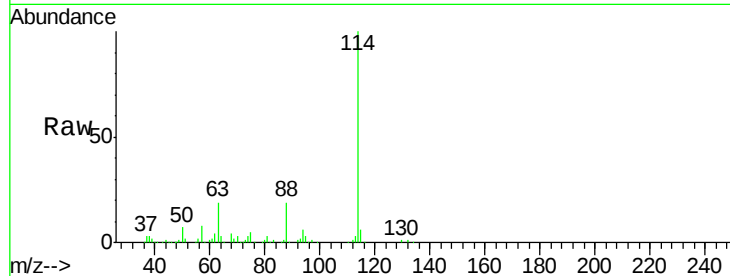




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.56 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VH057116.D
 Acq: 22 Sep 2015 21:05

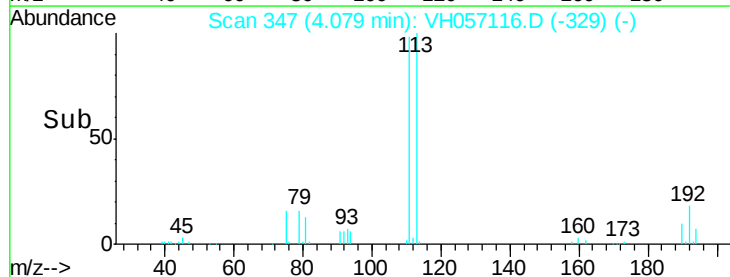
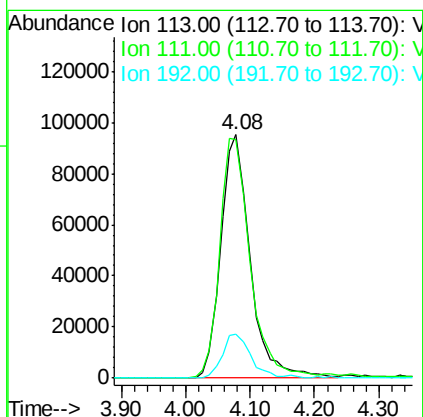
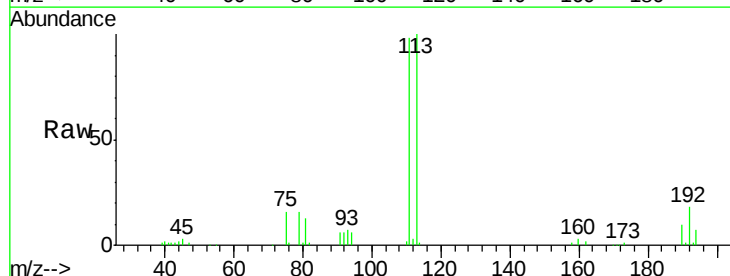
Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS9-11ME

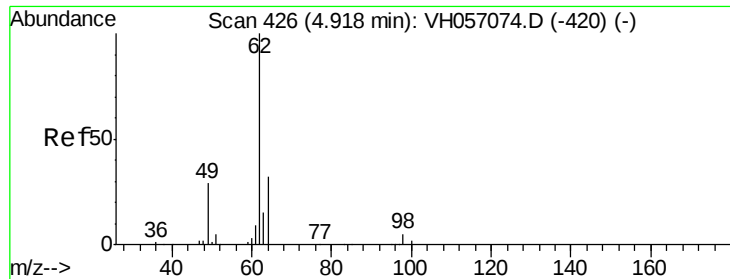
Tgt Ion:114 Resp: 832262
 Ion Ratio Lower Upper
 114 100
 63 19.1 19.0 28.4
 88 19.0 15.7 23.5



#35
 Dibromofluoromethane
 Concen: 46.20 ug/l
 RT: 4.08 min Scan# 347
 Delta R.T. -0.01 min
 Lab File: VH057116.D
 Acq: 22 Sep 2015 21:05

Tgt Ion:113 Resp: 306165
 Ion Ratio Lower Upper
 113 100
 111 97.9 84.0 126.0
 192 17.8 13.6 20.4

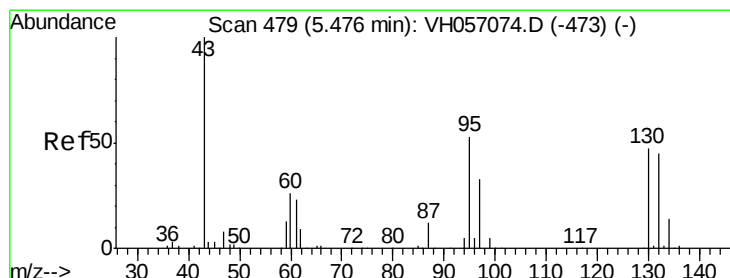
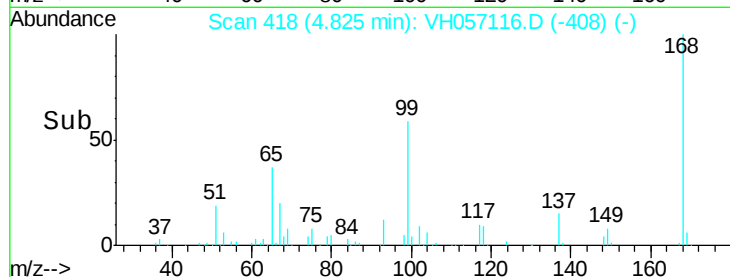
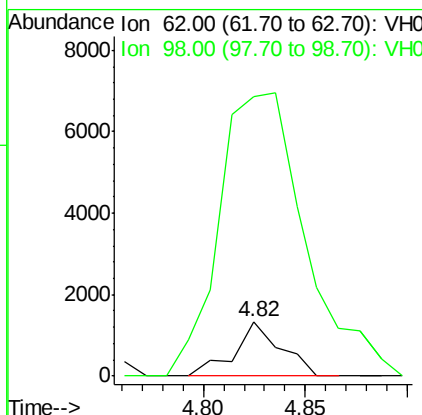
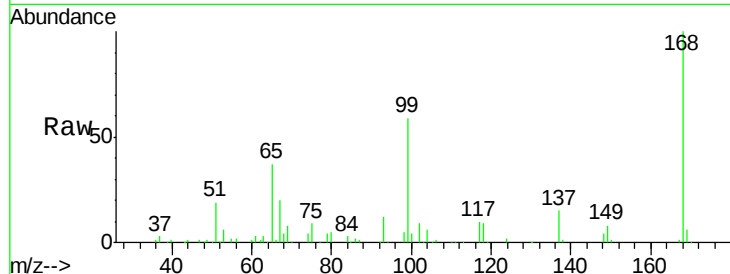




#41
 1,2-Dichloroethane
 Concen: 0.22 ug/l
 RT: 4.82 min Scan# 418
 Delta R.T. -0.09 min
 Lab File: VH057116.D
 Acq: 22 Sep 2015 21:05

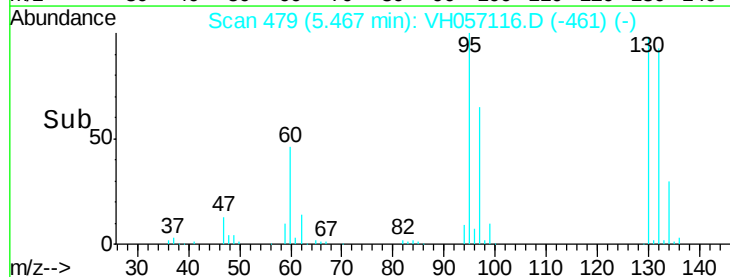
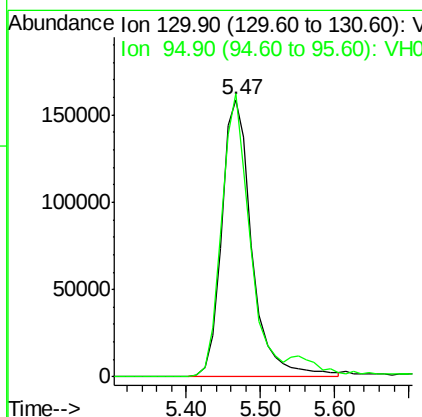
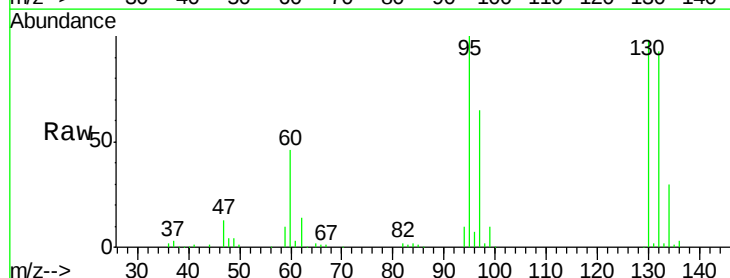
Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS9-11ME

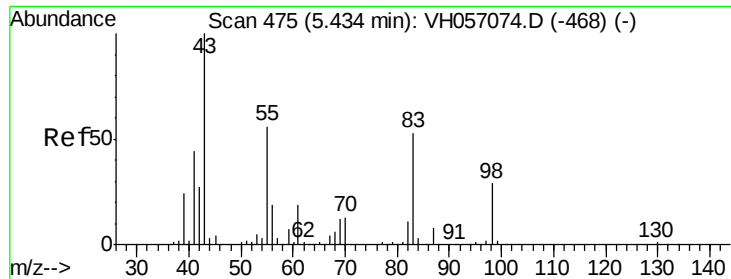
Tgt Ion: 62 Resp: 2080
 Ion Ratio Lower Upper
 62 100
 98 512.1 7.3 10.9#



#43
 Trichloroethene
 Concen: 82.11 ug/l
 RT: 5.47 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: VH057116.D
 Acq: 22 Sep 2015 21:05

Tgt Ion: 130 Resp: 454388
 Ion Ratio Lower Upper
 130 100
 95 102.2 84.0 126.0





#44

Methylcyclohexane

Concen: 1.14 ug/l

RT: 5.56 min Scan# 488

Delta R.T. 0.13 min

Lab File: VH057116.D

Acq: 22 Sep 2015 21:05

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS9-11ME

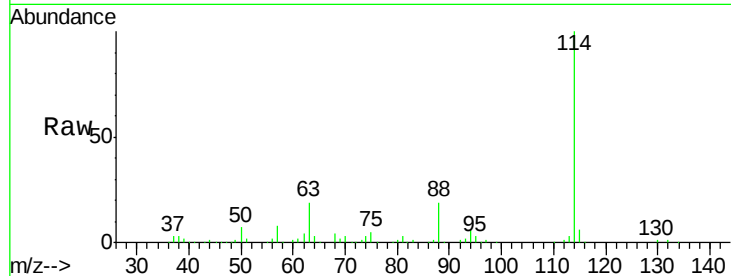
Tgt Ion: 83 Resp: 6006

Ion Ratio Lower Upper

83 100

55 32.7 0.0 207.2

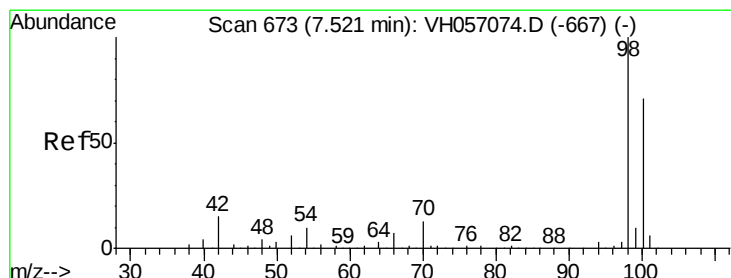
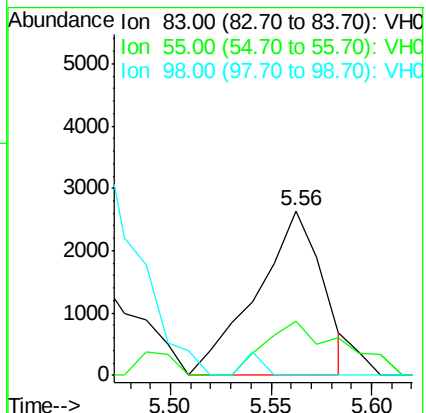
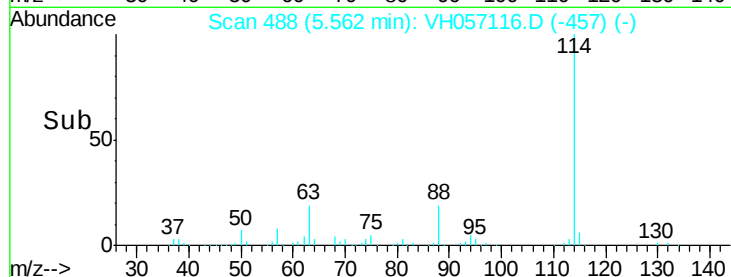
98 0.0 0.0 108.4



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: 43.58 ug/l

RT: 7.51 min Scan# 673

Delta R.T. -0.01 min

Lab File: VH057116.D

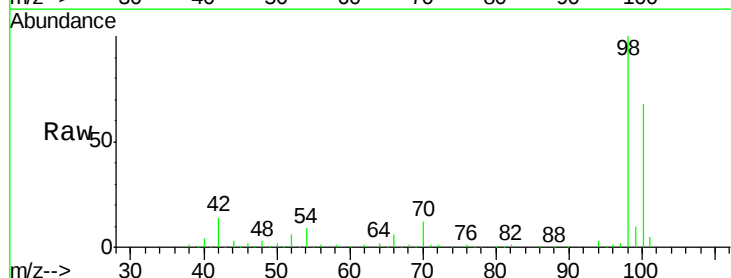
Acq: 22 Sep 2015 21:05

Tgt Ion: 98 Resp: 830326

Ion Ratio Lower Upper

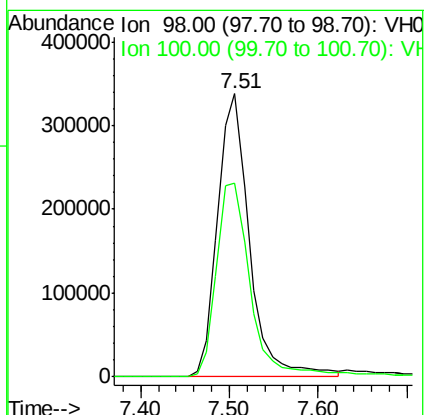
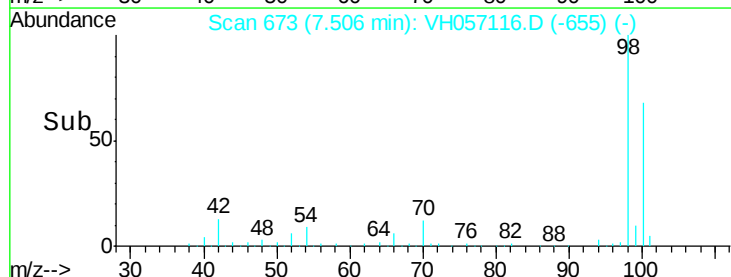
98 100

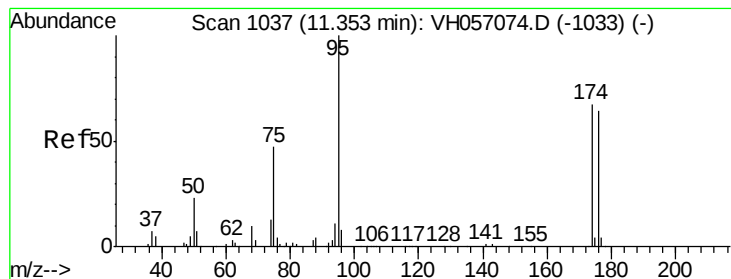
100 68.4 56.7 85.1



Abundance Ion 98.00 (97.70 to 98.70): VH0

Ion 100.00 (99.70 to 100.70): VH0





#62

4-Bromofluorobenzene

Concen: 44.67 ug/l

RT: 11.35 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VH057116.D

Acq: 22 Sep 2015 21:05

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS9-11ME

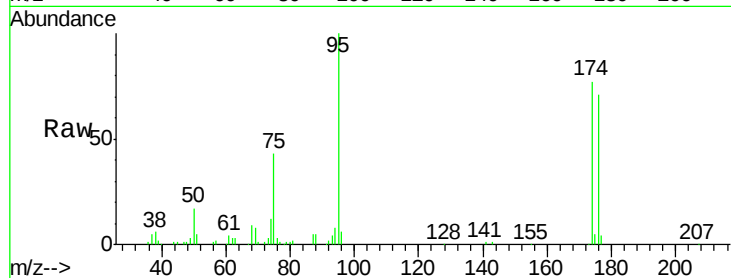
Tgt Ion: 95 Resp: 287044

Ion Ratio Lower Upper

95 100

174 76.9 58.4 87.6

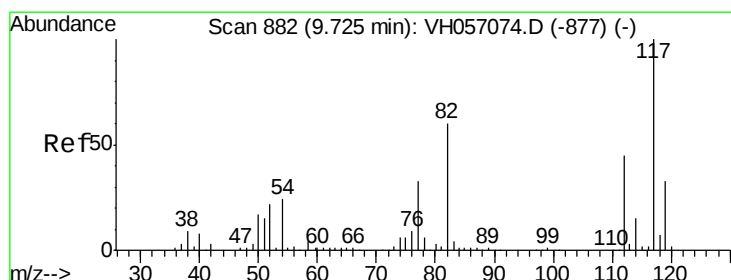
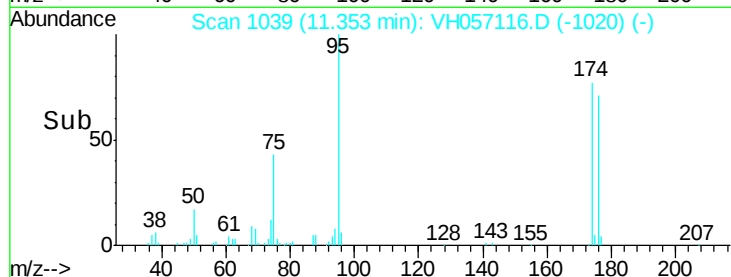
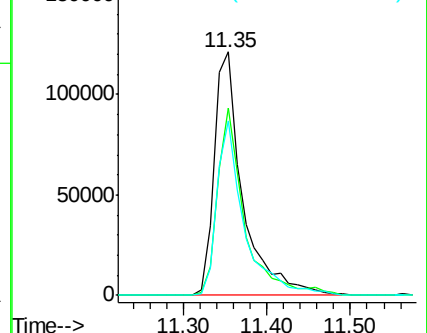
176 71.4 54.3 81.5



Abundance Ion 95.00 (94.70 to 95.70): VH057116.D (-1020) (-)

Ion 174.00 (173.70 to 174.70): VH057116.D (-1020) (-)

Ion 176.00 (175.70 to 176.70): VH057116.D (-1020) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.71 min Scan# 883

Delta R.T. -0.01 min

Lab File: VH057116.D

Acq: 22 Sep 2015 21:05

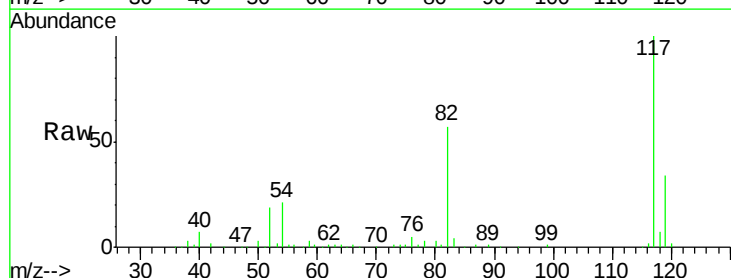
Tgt Ion: 117 Resp: 654245

Ion Ratio Lower Upper

117 100

82 56.8 51.0 76.6

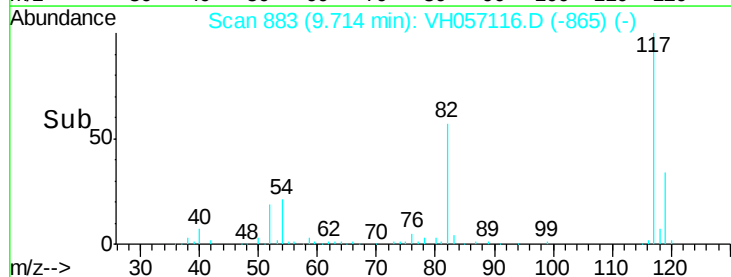
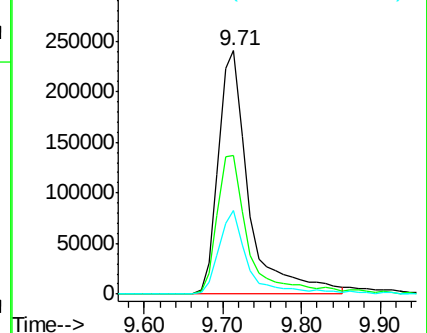
119 34.1 26.7 40.1

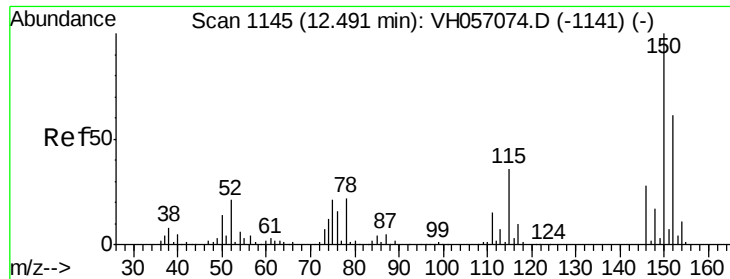


Abundance Ion 117.00 (116.70 to 117.70): VH057116.D (-865) (-)

Ion 82.00 (81.70 to 82.70): VH057116.D (-865) (-)

Ion 119.00 (118.70 to 119.70): VH057116.D (-865) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.48 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VH057116.D

Acq: 22 Sep 2015 21:05

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS9-11ME

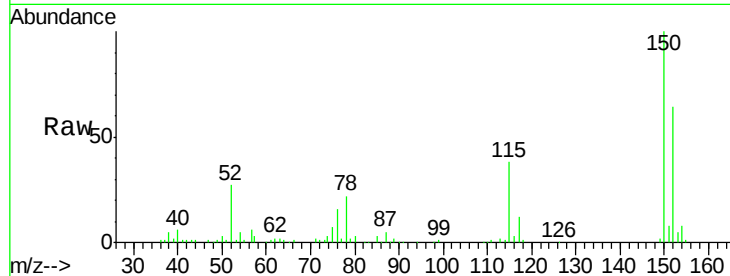
Tgt Ion:152 Resp: 190562

Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.6

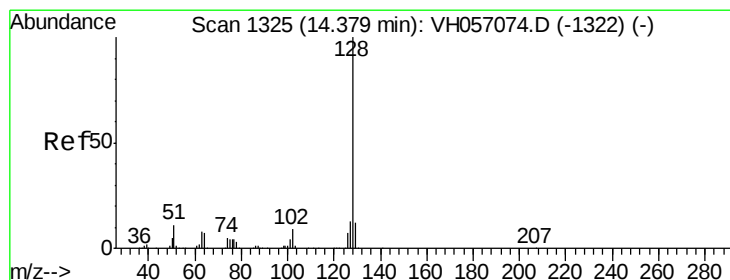
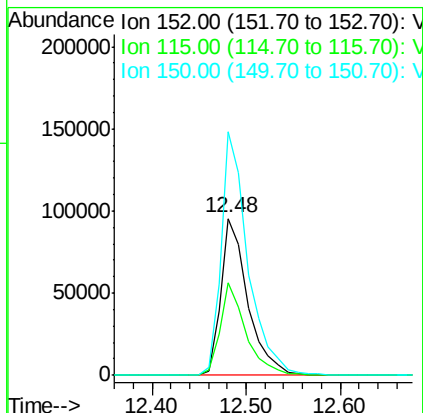
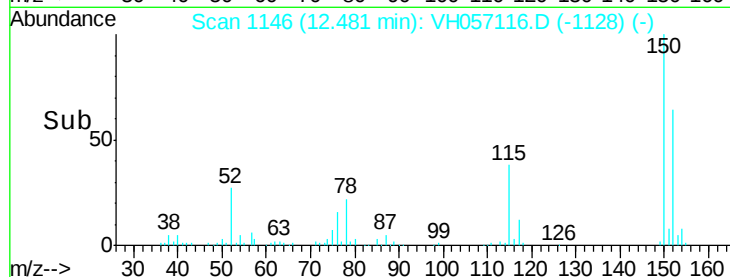
150 155.1 0.0 332.0



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



#95

Naphthalene

Concen: 5.08 ug/l

RT: 14.39 min Scan# 1328

Delta R.T. 0.01 min

Lab File: VH057116.D

Acq: 22 Sep 2015 21:05

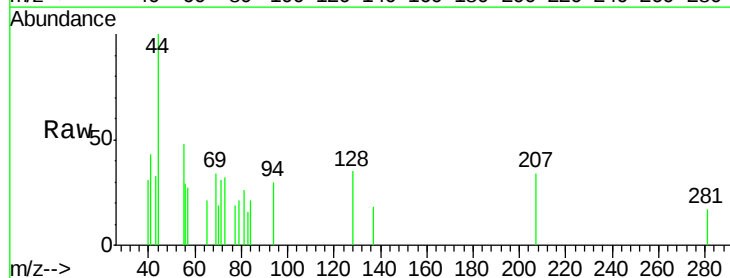
Tgt Ion:128 Resp: 1235

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

