

Data Path : W:\HPCHEM1\MSVOA_H\DATA\XH092115\
 Data File : VH057091.D
 Acq On : 21 Sep 2015 13:46
 Operator : SY/FY
 Sample : G3727-05
 Misc : 5.72/5mL/100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 MMB7B

Quant Time: Sep 22 04:38:08 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	4.81	168	547698	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.55	114	1016125	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.71	117	726422	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.49	152	290774	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		4.79	65	437178	44.70	ug/l	-0.02
Spiked Amount	50.000	Range	66 - 150	Recovery	=	89.40%	
35) Dibromofluoromethane		4.06	113	348720	43.10	ug/l	-0.02
Spiked Amount	50.000	Range	76 - 130	Recovery	=	86.20%	
48) Toluene-d8		7.50	98	1129035	48.53	ug/l	-0.02
Spiked Amount	50.000	Range	78 - 121	Recovery	=	97.06%	
62) 4-Bromofluorobenzene		11.35	95	705965	89.99	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	179.98%#	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.27	94	1780	Below Cal	#	1
6) Chloroethane	1.33	64	909	Below Cal	#	1
9) Diethyl Ether	1.60	74	1086	0.33	ug/l	15
13) Acrolein	1.95	56	62634	59.64	ug/l	# 5
15) Acrylonitrile	2.89	53	54239	16.94	ug/l	# 44
16) Allyl Chloride	2.06	41	2665	0.26	ug/l	# 63
17) Acetone	2.14	43	177139	17.92	ug/l	# 73
19) Methyl Acetate	2.33	43	516552	20.29	ug/l	# 58
23) Vinyl Acetate	3.12	43	14621	1.27	ug/l	# 78
25) 2-Butanone	4.34	43	798133	87.85	ug/l	# 62
27) cis-1,2-Dichloroethene	3.40	96	1644	0.21	ug/l	# 19
30) Cyclohexane	3.70	56	1320509	137.08	ug/l	# 69
31) Tetrahydrofuran	3.96	42	619235	121.42	ug/l	# 1
37) Ethyl acetate	3.96	43	4376583	208.80	ug/l	# 29
40) Methacrylonitrile	4.63	41	4029140	434.33	ug/l	# 51
42) Isopropyl Acetate	5.41	43	531744	19.43	ug/l	# 64
44) Methylcyclohexane	5.41	83	5760938	895.23	ug/l	# 97
45) 1,2-Dichloropropane	6.15	63	7911	0.94	ug/l	# 1
46) Dibromomethane	5.95	93	2220	0.40	ug/l	# 1
47) Bromodichloromethane	6.38	83	4944	0.44	ug/l	# 39
49) 4-Methyl-2-Pentanone	8.24	43	4607132	277.91	ug/l	# 40
50) Toluene	7.57	92	3646	0.21	ug/l	# 1
52) Methyl Methacrylate	6.67	69	462045	55.39	ug/l	# 63
55) 1,1,2-Trichloroethane	8.35	97	490783	67.91	ug/l	# 23
56) Ethyl Methacrylate	8.58	69	5942078	416.35	ug/l	# 70
58) 2-Chloroethyl Vinyl ether	7.21	63	7871	1.12	ug/l	# 53
59) 2-Hexanone	9.36	43	212441	16.40	ug/l	# 11
68) m/p-Xylenes	10.07	106	4563	0.50	ug/l	# 10
73) Isopropylbenzene	11.07	105	93758	3.53	ug/l	# 95
74) n-Amyl Acetate	11.34	43	61326	2.17	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	11.62	83	323040	23.20	ug/l	# 1
77) Bromobenzene	11.32	156	2248	0.30	ug/l	# 1
78) n-propylbenzene	11.53	91	312699	11.01	ug/l	# 96
79) 2-Chlorotoluene	11.73	91	6305	0.37	ug/l	# 84

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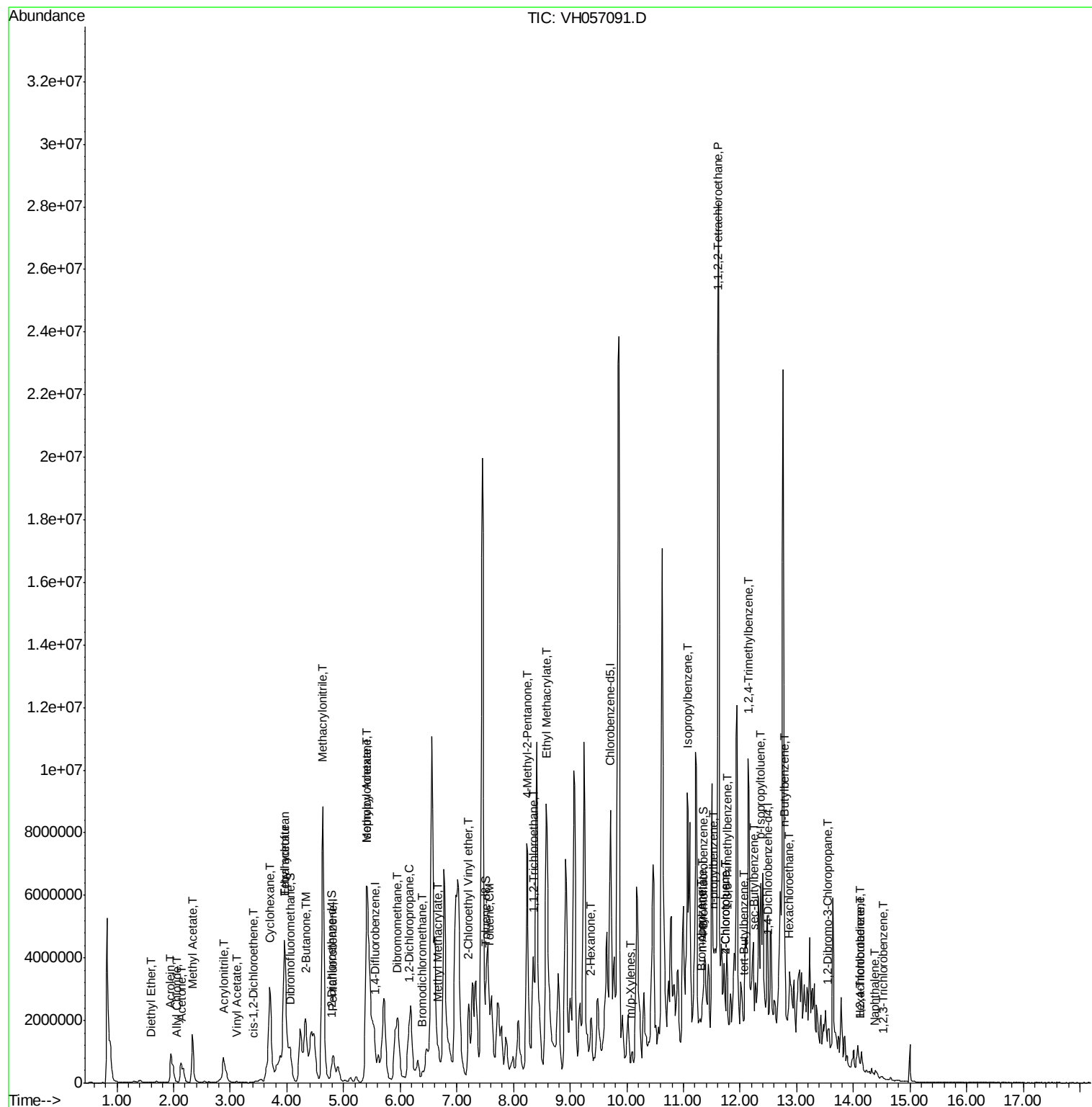
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.77	105	284650	16.40	ug/l	96
82) 4-Chlorotoluene	11.73	91	6305	0.30	ug/l	87
83) tert-Butylbenzene	12.07	119	9699	0.59	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.14	105	502572	28.06	ug/l	99
85) sec-Butylbenzene	12.24	105	345990	19.75	ug/l #	73
86) p-Isopropyltoluene	12.37	119	904751	68.02	ug/l	99
89) n-Butylbenzene	12.78	91	580070	54.56	ug/l #	73
90) Hexachloroethane	12.87	117	11588	4.12	ug/l #	29
92) 1,2-Dibromo-3-Chloropropan	13.55	75	9770	6.26	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.12	180	902	4.21	ug/l #	1
94) Hexachlorobutadiene	14.12	225	1891	2.25	ug/l	95
95) Naphthalene	14.38	128	9463	6.01	ug/l #	32
96) 1,2,3-Trichlorobenzene	14.53	180	2019	7.24	ug/l #	15

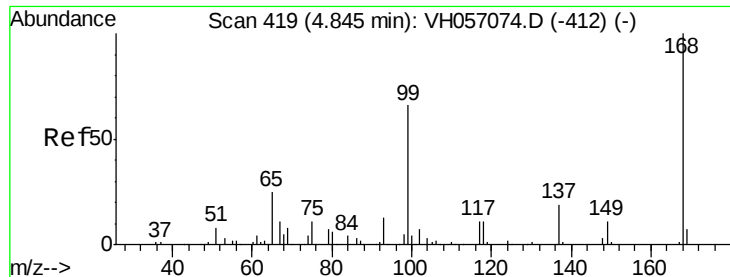
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.81 min Scan# 417

Delta R.T. -0.03 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Instrument :

MSVOA_H

ClientSampleId :

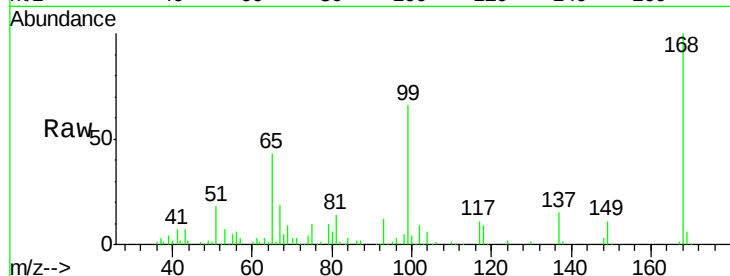
MMB7B

Tgt Ion: 168 Resp: 547698

Ion Ratio Lower Upper

168 100

99 66.4 55.8 83.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VHC

4.81

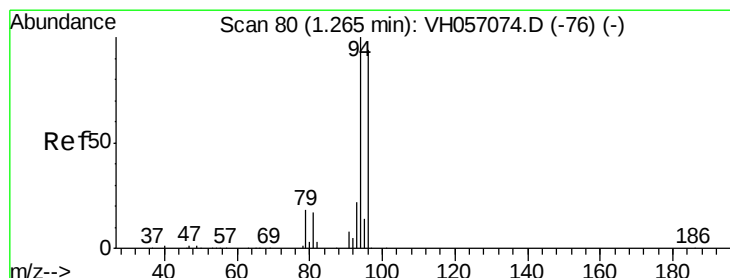
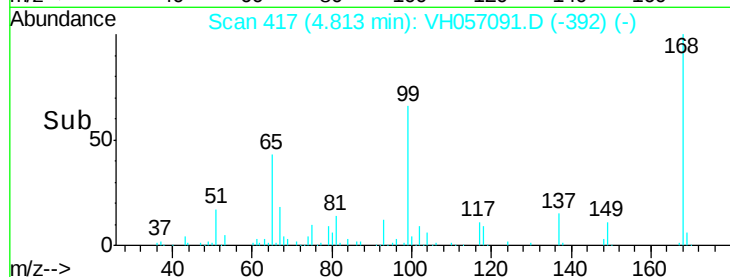
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.27 min Scan# 80

Delta R.T. 0.00 min

Lab File: VH057091.D

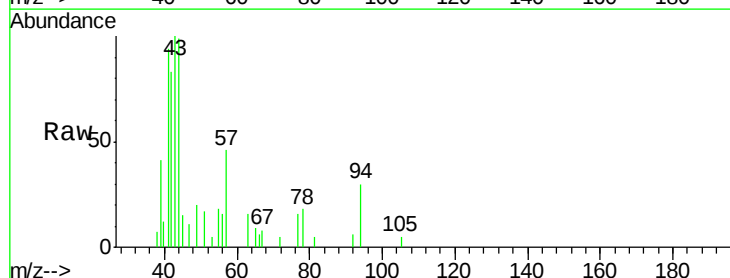
Acq: 21 Sep 2015 13:46

Tgt Ion: 94 Resp: 1780

Ion Ratio Lower Upper

94 100

96 0.0 78.5 117.7#



Abundance Ion 94.00 (93.70 to 94.70): VHC

Ion 96.00 (95.70 to 96.70): VHC

1.27

2000

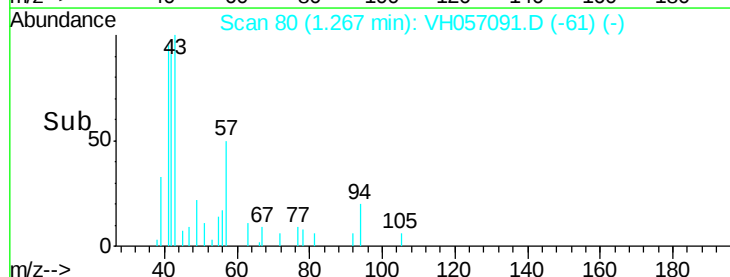
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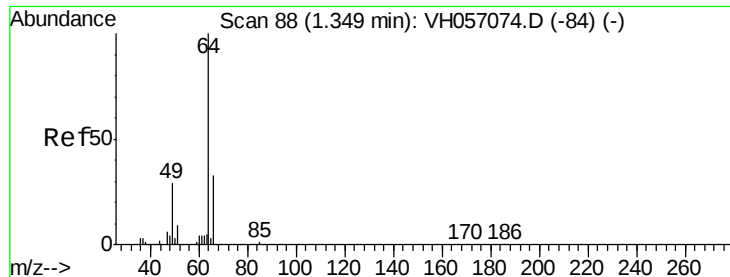
1000

500

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.33 min Scan# 86

Delta R.T. -0.02 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Instrument :

MSVOA_H

ClientSampled :

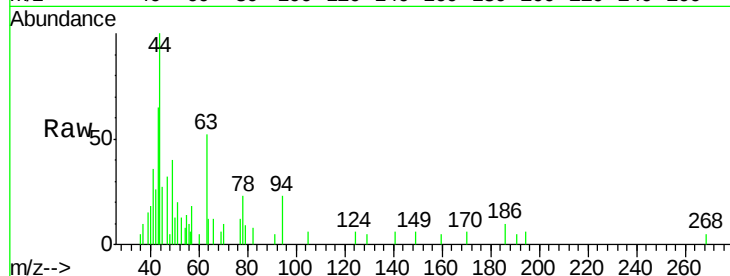
MMB7B

Tgt Ion: 64 Resp: 909

Ion Ratio Lower Upper

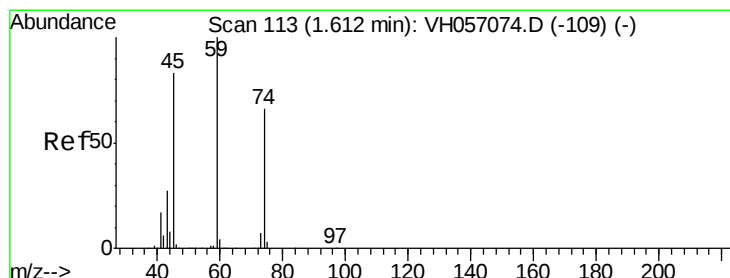
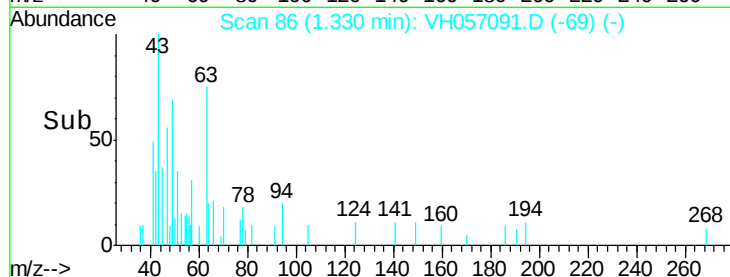
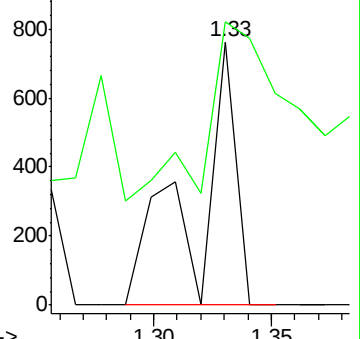
64 100

66 107.5 25.2 37.8#



Abundance Ion 64.00 (63.70 to 64.70): VH0

Ion 66.00 (65.70 to 66.70): VH0



#9

Diethyl Ether

Concen: 0.33 ug/l

RT: 1.60 min Scan# 112

Delta R.T. -0.01 min

Lab File: VH057091.D

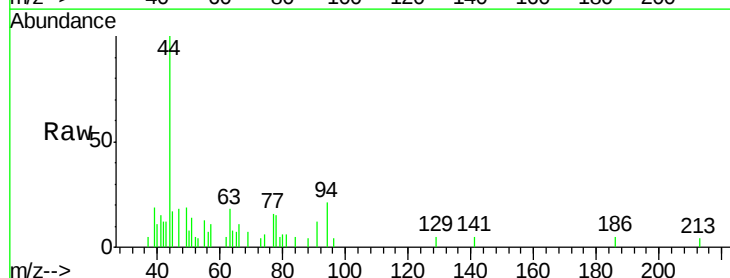
Acq: 21 Sep 2015 13:46

Tgt Ion: 74 Resp: 1086

Ion Ratio Lower Upper

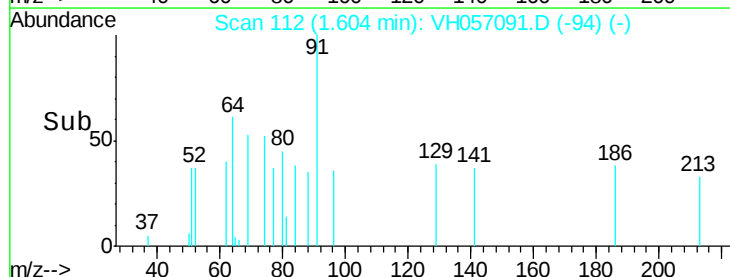
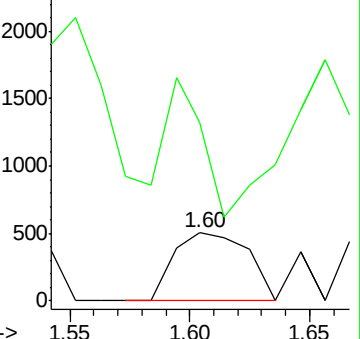
74 100

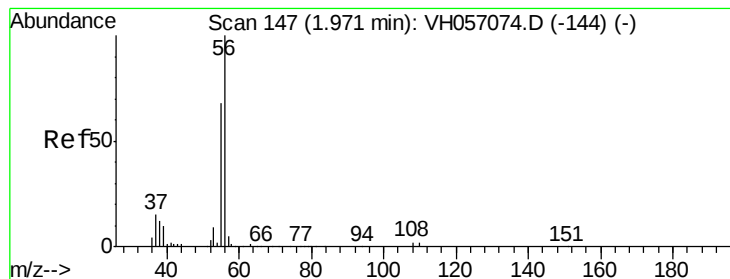
45 260.5 0.0 304.4



Abundance Ion 74.00 (73.70 to 74.70): VH0

Ion 45.00 (44.70 to 45.70): VH0





#13

Acrolein

Concen: 59.64 ug/l

RT: 1.95 min Scan# 145

Delta R.T. -0.02 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Instrument :

MSVOA_H

ClientSampleId :

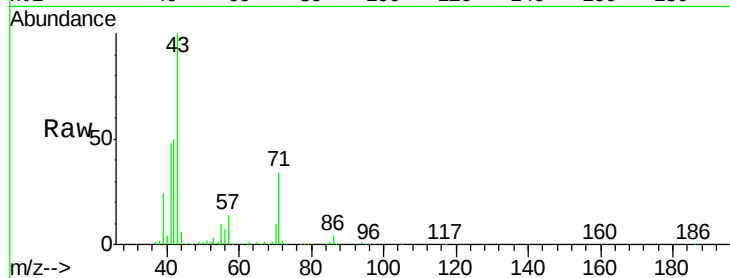
MMB7B

Tgt Ion: 56 Resp: 62634

Ion Ratio Lower Upper

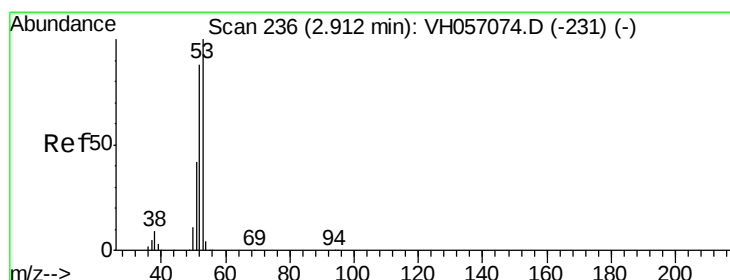
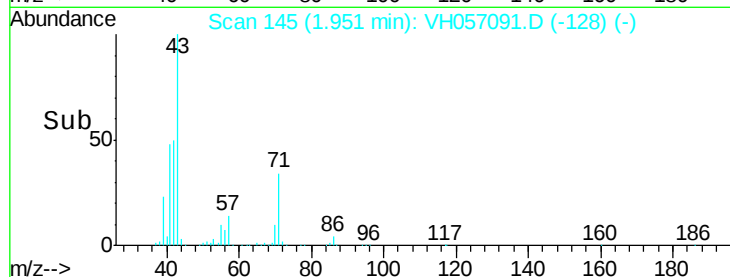
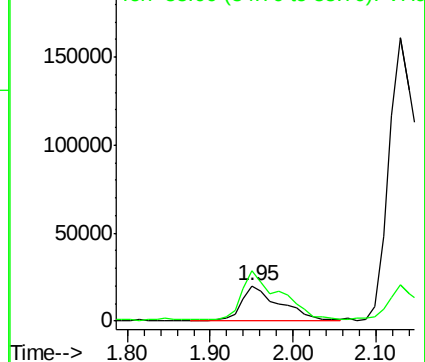
56 100

55 141.4 52.9 79.3#



Abundance Ion 56.00 (55.70 to 56.70): VH0

Ion 55.00 (54.70 to 55.70): VH0



#15

Acrylonitrile

Concen: 16.94 ug/l

RT: 2.89 min Scan# 234

Delta R.T. -0.03 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

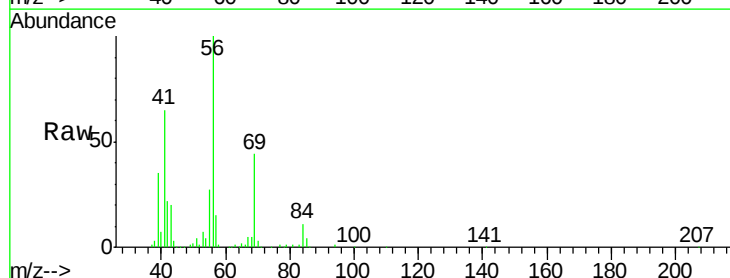
Tgt Ion: 53 Resp: 54239

Ion Ratio Lower Upper

53 100

52 18.2 67.6 101.4#

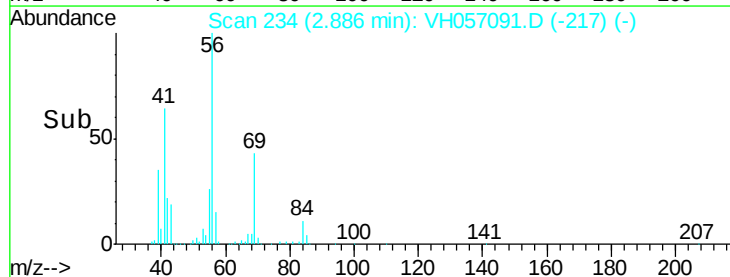
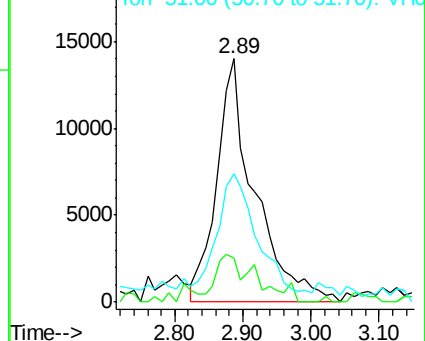
51 52.7 31.8 47.6#

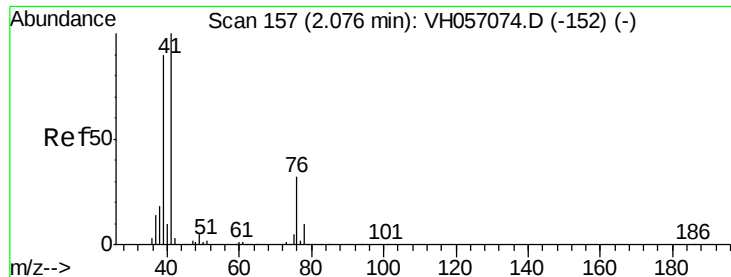


Abundance Ion 53.00 (52.70 to 53.70): VH0

Ion 52.00 (51.70 to 52.70): VH0

Ion 51.00 (50.70 to 51.70): VH0

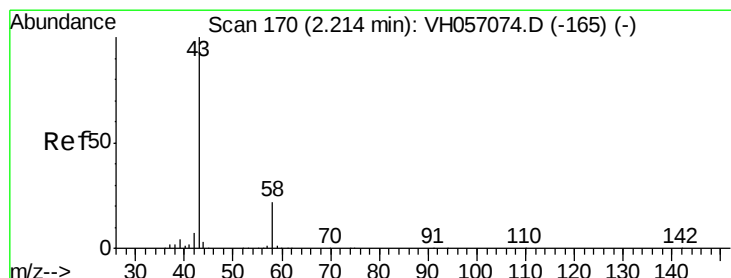
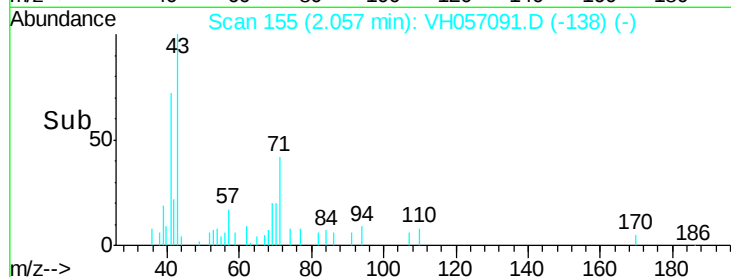
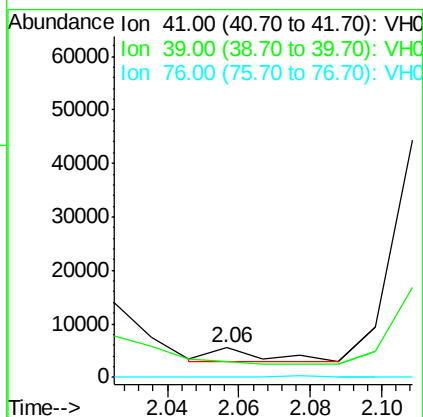
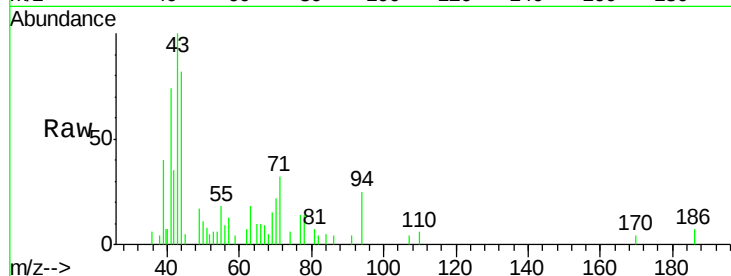




#16
 Allyl Chloride
 Concen: 0.26 ug/l
 RT: 2.06 min Scan# 155
 Delta R.T. -0.02 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

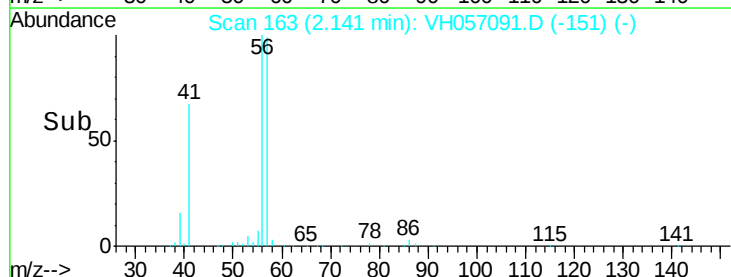
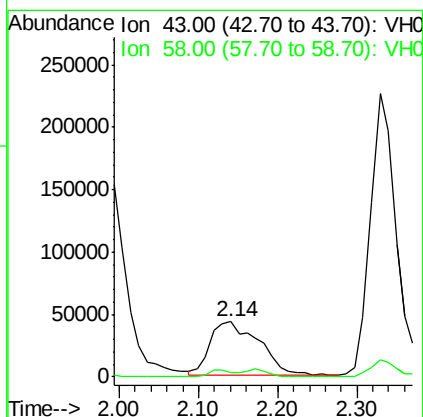
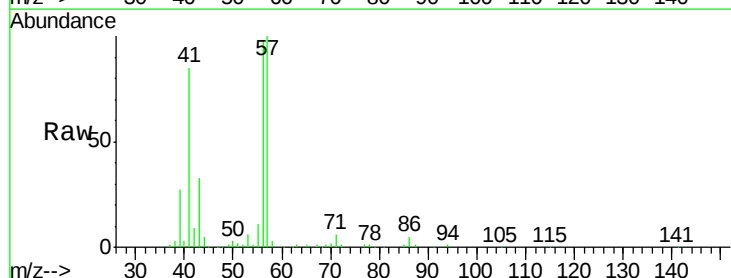
Instrument :
 MSVOA_H
 ClientSampled :
 MMB7B

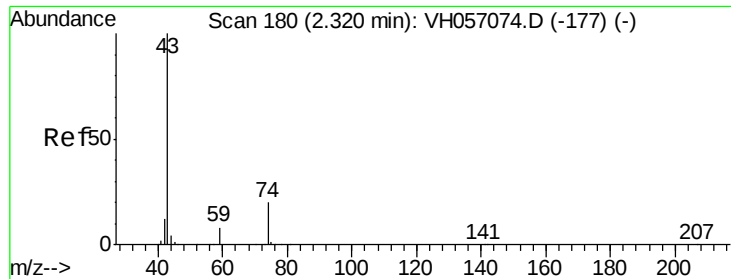
Tgt Ion: 41 Resp: 2665
 Ion Ratio Lower Upper
 41 100
 39 54.7 41.0 123.2
 76 0.0 14.3 42.9#



#17
 Acetone
 Concen: 17.92 ug/l
 RT: 2.14 min Scan# 163
 Delta R.T. -0.07 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

Tgt Ion: 43 Resp: 177139
 Ion Ratio Lower Upper
 43 100
 58 9.0 17.7 26.5#

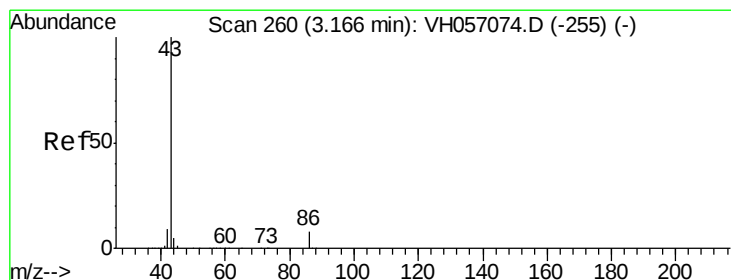
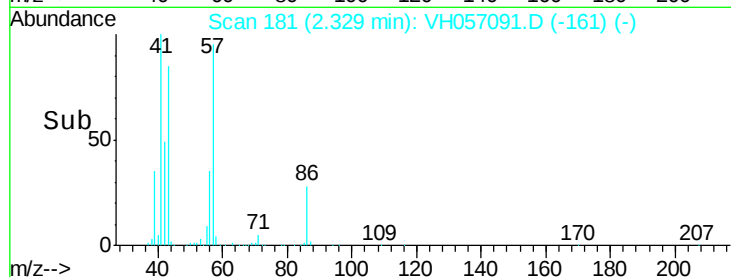
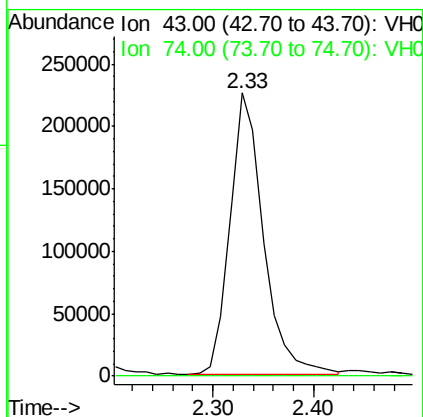
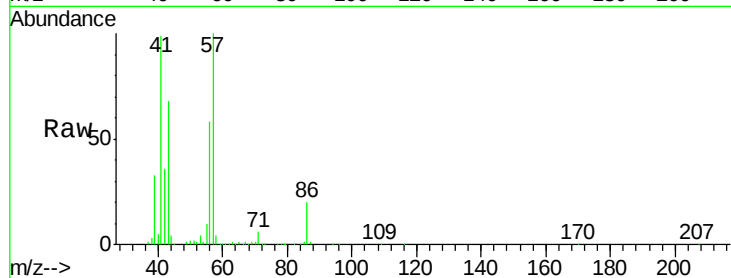




#19
Methyl Acetate
Concen: 20.29 ug/l
RT: 2.33 min Scan# 181
Delta R.T. 0.01 min
Lab File: VH057091.D
Acq: 21 Sep 2015 13:46

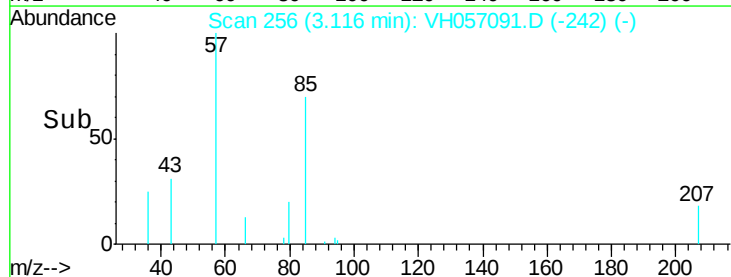
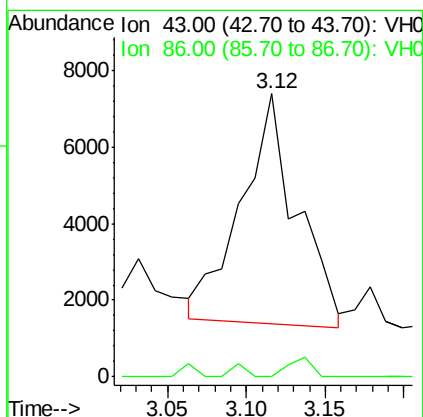
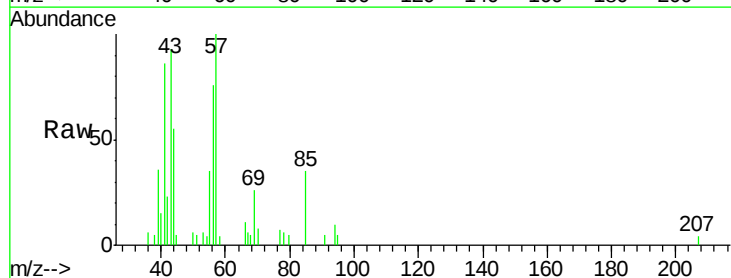
Instrument :
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MMB7B

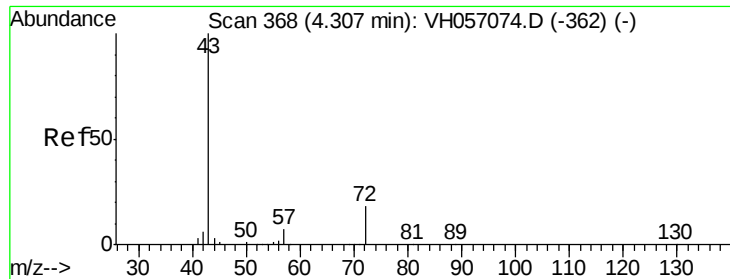
Tgt Ion: 43 Resp: 516552
Ion Ratio Lower Upper
43 100
74 0.0 13.3 24.7#



#23
Vinyl Acetate
Concen: 1.27 ug/l
RT: 3.12 min Scan# 256
Delta R.T. -0.05 min
Lab File: VH057091.D
Acq: 21 Sep 2015 13:46

Tgt Ion: 43 Resp: 14621
Ion Ratio Lower Upper
43 100
86 0.0 6.2 9.2#





#25

2-Butanone

Concen: 87.85 ug/l

RT: 4.34 min Scan# 372

Delta R.T. 0.03 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Instrument :

MSVOA_H

ClientSampleId :

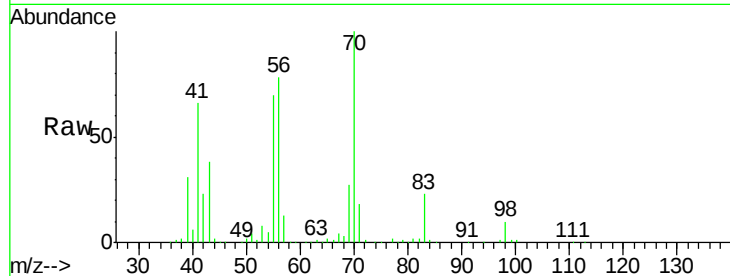
MMB7B

Tgt Ion: 43 Resp: 798133

Ion Ratio Lower Upper

43 100

72 2.3 0.0 39.2



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 72.00 (71.70 to 72.70): VH0

150000

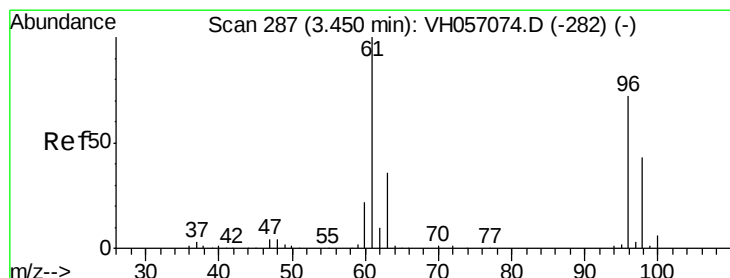
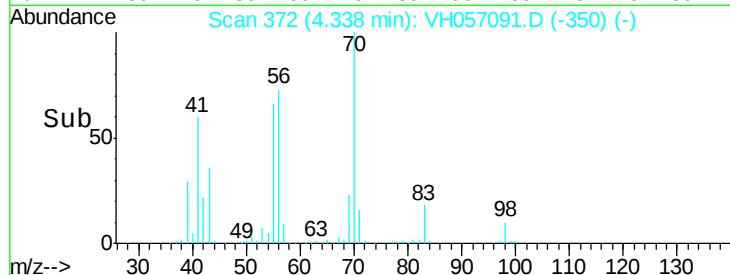
100000

50000

0

4.10 4.20 4.30 4.40

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.21 ug/l

RT: 3.40 min Scan# 283

Delta R.T. -0.05 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

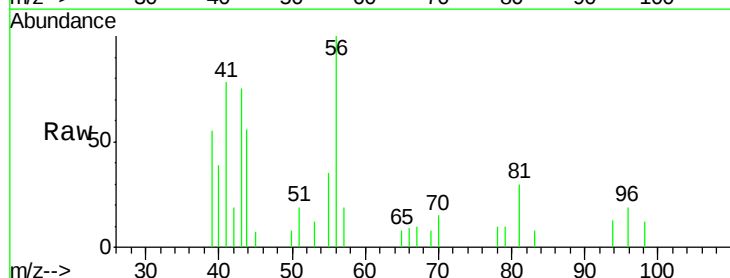
Tgt Ion: 96 Resp: 1644

Ion Ratio Lower Upper

96 100

61 0.0 115.4 173.0#

98 62.5 49.7 74.5



Abundance Ion 96.00 (95.70 to 96.70): VH0

Ion 61.00 (60.70 to 61.70): VH0

Ion 98.00 (97.70 to 98.70): VH0

3000

2500

2000

1500

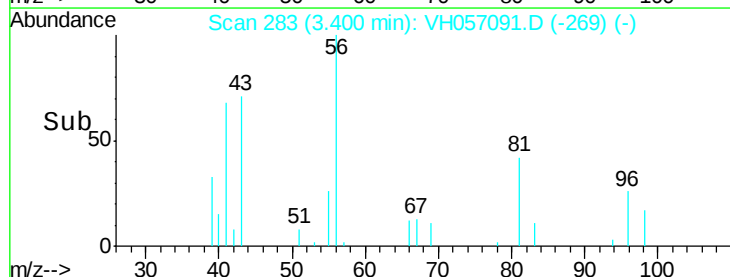
1000

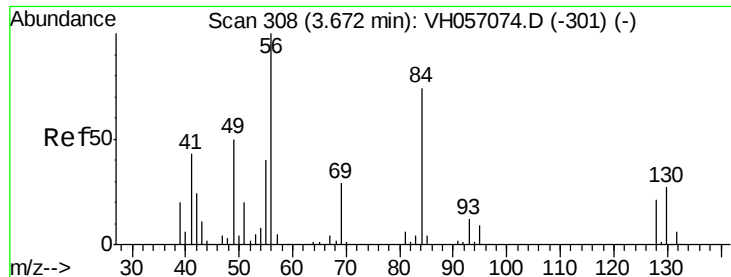
500

0

3.35 3.40 3.45

Time-->

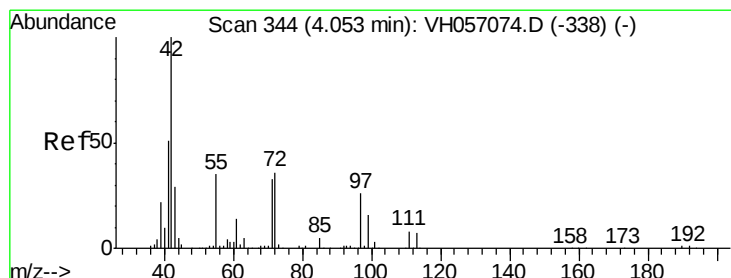
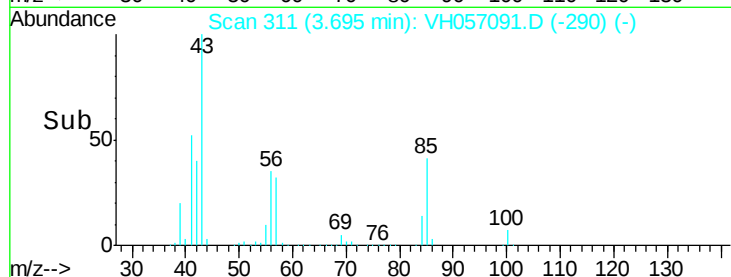
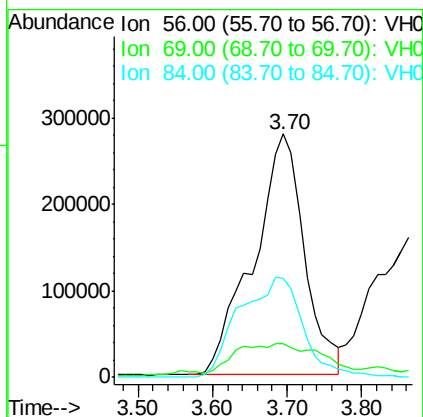
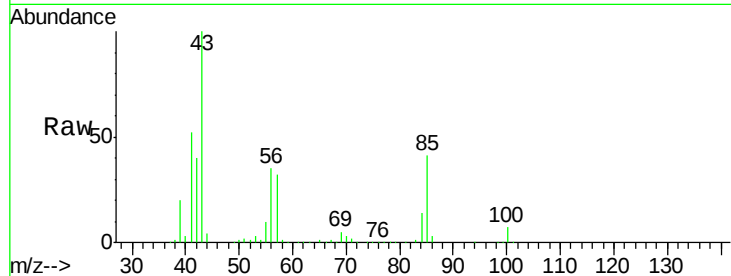




#30
Cyclohexane
Concen: 137.08 ug/l
RT: 3.70 min Scan# 311
Delta R.T. 0.02 min
Lab File: VH057091.D
Acq: 21 Sep 2015 13:46

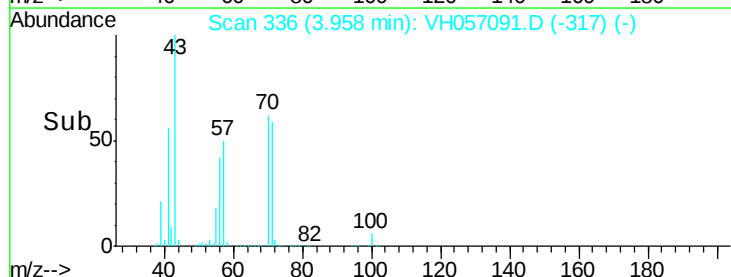
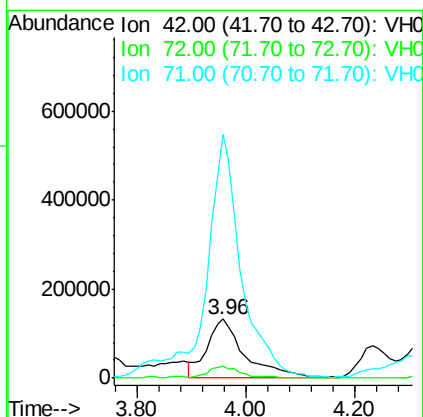
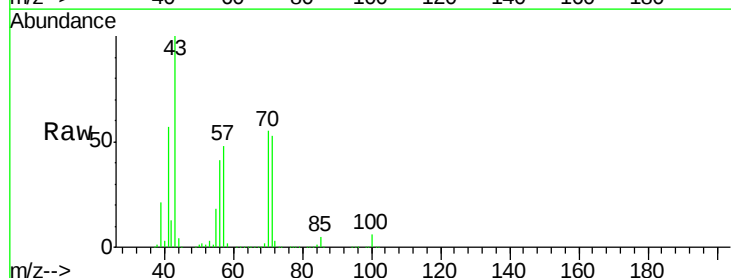
Instrument :
MSVOA_H
ClientSampled :
MMB7B

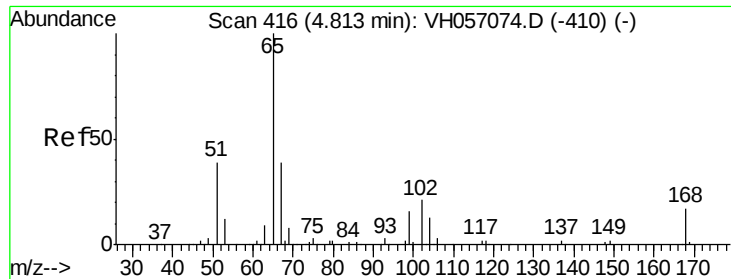
Tgt Ion: 56 Resp: 1320509
Ion Ratio Lower Upper
56 100
69 14.0 18.1 33.7#
84 40.6 0.0 136.8



#31
Tetrahydrofuran
Concen: 121.42 ug/l
RT: 3.96 min Scan# 336
Delta R.T. -0.09 min
Lab File: VH057091.D
Acq: 21 Sep 2015 13:46

Tgt Ion: 42 Resp: 619235
Ion Ratio Lower Upper
42 100
72 18.3 25.5 38.3#
71 379.9 25.4 38.0#

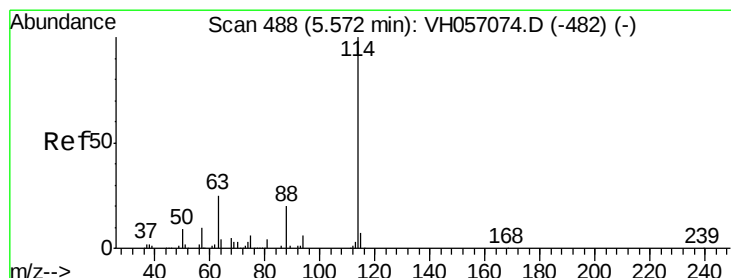
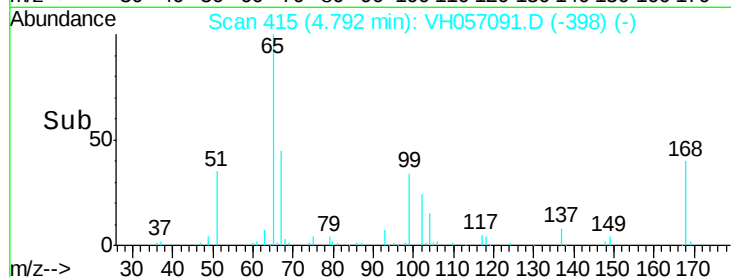
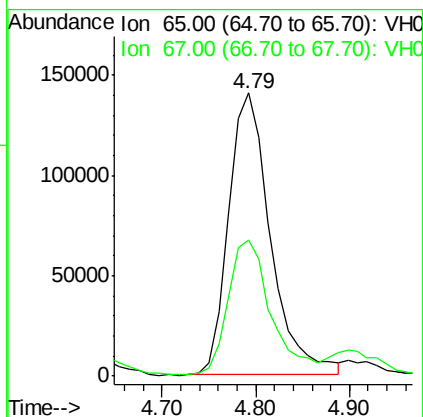
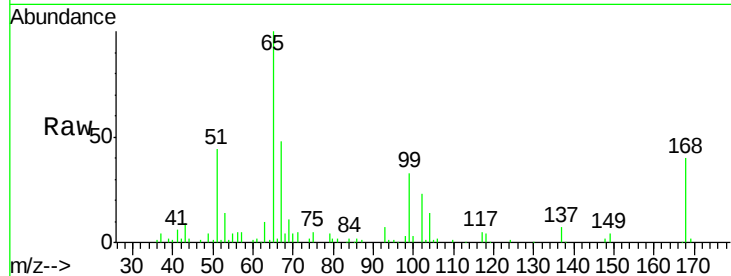




#33
 1,2-Dichloroethane-d4
 Concen: 44.70 ug/l
 RT: 4.79 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

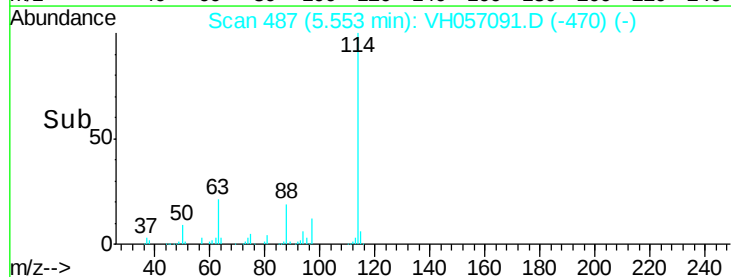
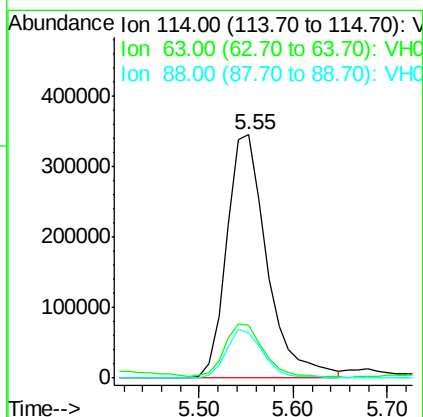
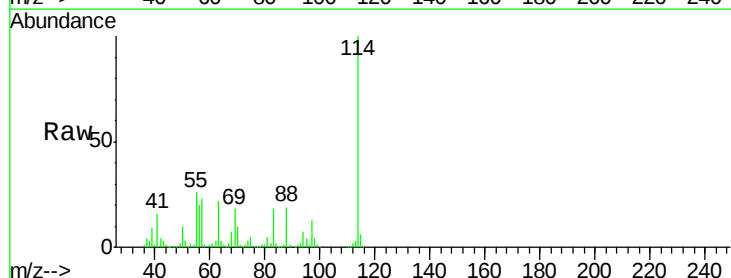
Instrument :
 MSVOA_H
 ClientSampleId :
 MMB7B

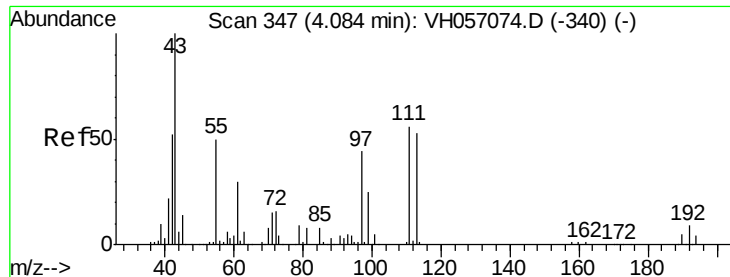
Tgt Ion: 65 Resp: 437178
 Ion Ratio Lower Upper
 65 100
 67 48.1 43.2 64.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

Tgt Ion: 114 Resp: 1016125
 Ion Ratio Lower Upper
 114 100
 63 22.0 19.0 28.4
 88 18.5 15.7 23.5

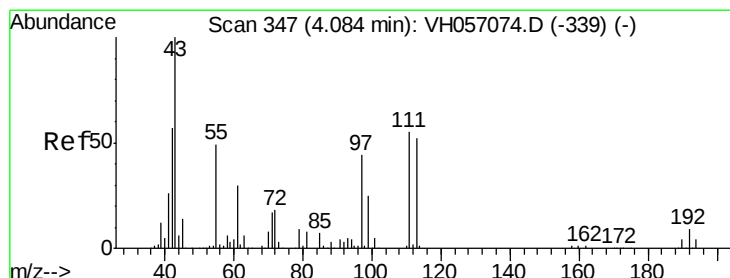
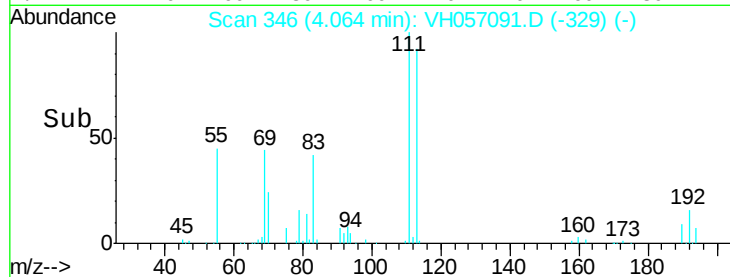
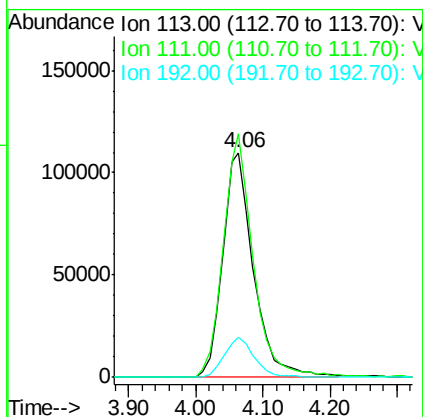
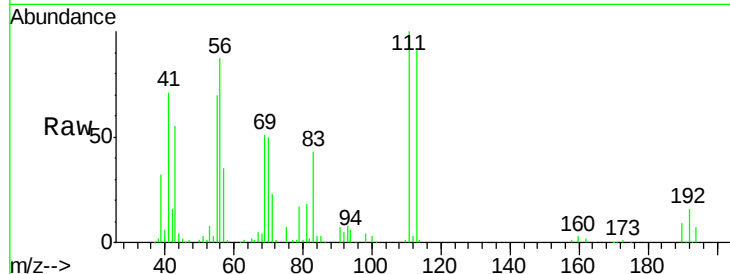




#35
 Dibromofluoromethane
 Concen: 43.10 ug/l
 RT: 4.06 min Scan# 346
 Delta R.T. -0.02 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

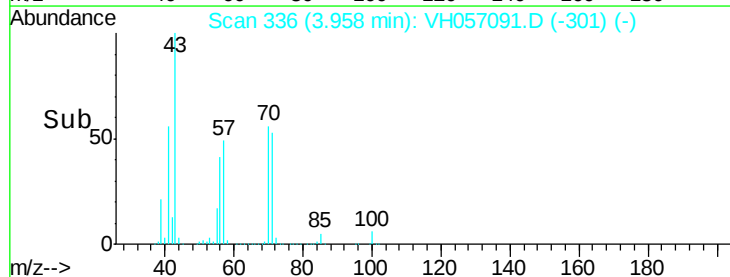
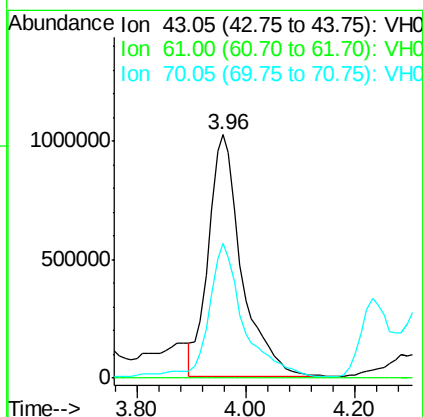
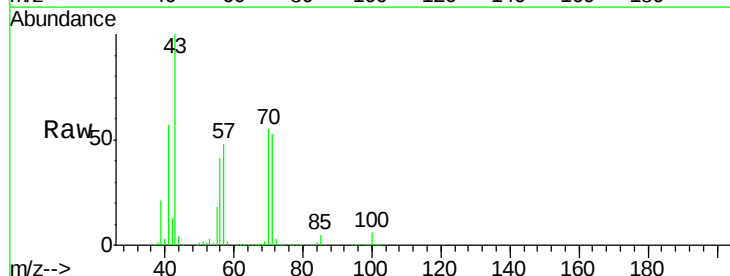
Instrument :
 MSVOA_H
 ClientSampleId :
 MMB7B

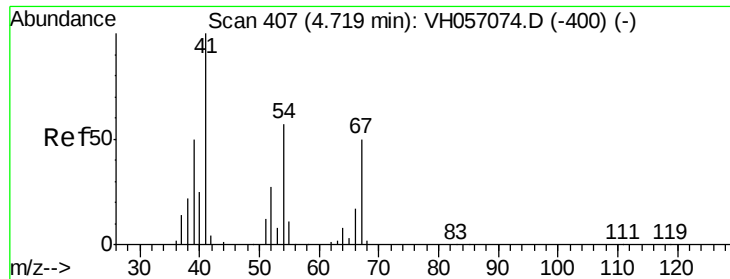
Tgt Ion: 113 Resp: 348720
 Ion Ratio Lower Upper
 113 100
 111 108.2 84.0 126.0
 192 17.8 13.6 20.4



#37
 Ethyl acetate
 Concen: 208.80 ug/l
 RT: 3.96 min Scan# 336
 Delta R.T. -0.13 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

Tgt Ion: 43 Resp: 4376583
 Ion Ratio Lower Upper
 43 100
 61 0.0 23.9 35.9#
 70 55.0 5.4 8.0#

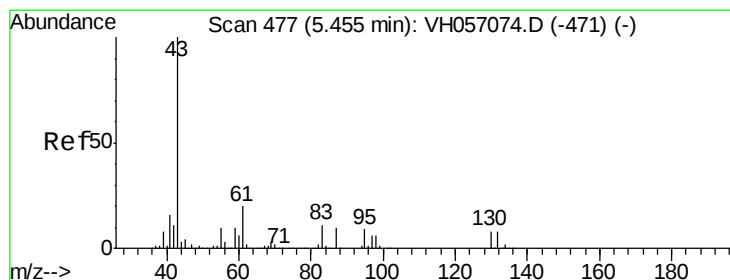
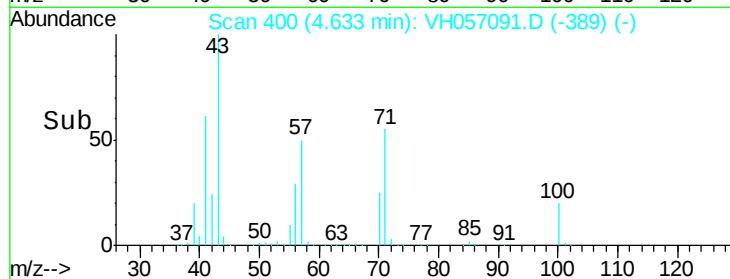
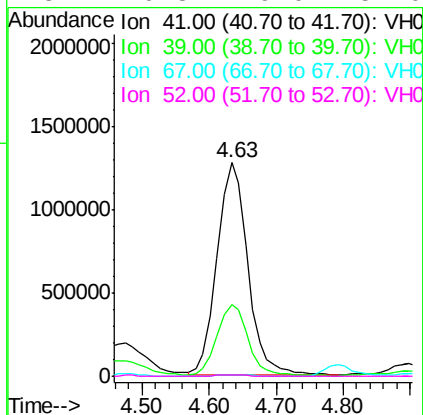
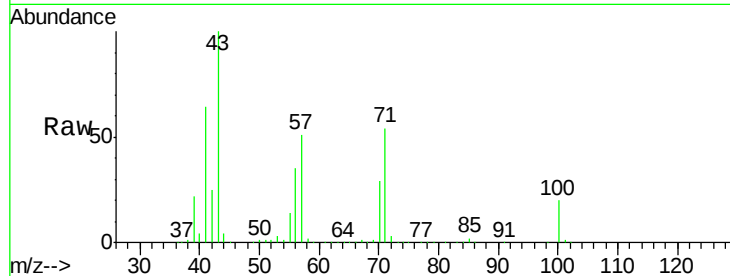




#40
Methacrylonitrile
Concen: 434.33 ug/l
RT: 4.63 min Scan# 400
Delta R.T. -0.09 min
Lab File: VH057091.D
Acq: 21 Sep 2015 13:46

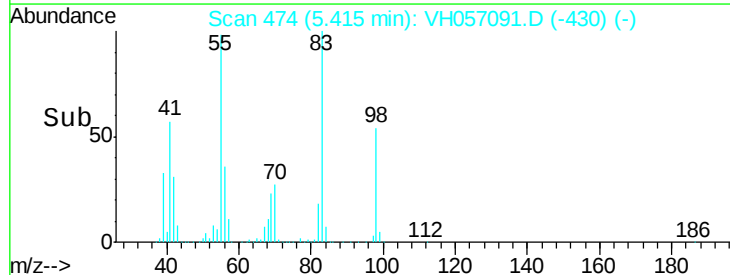
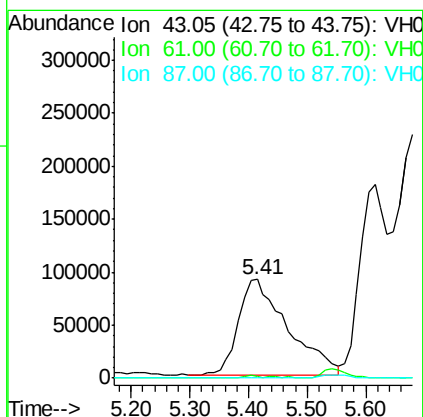
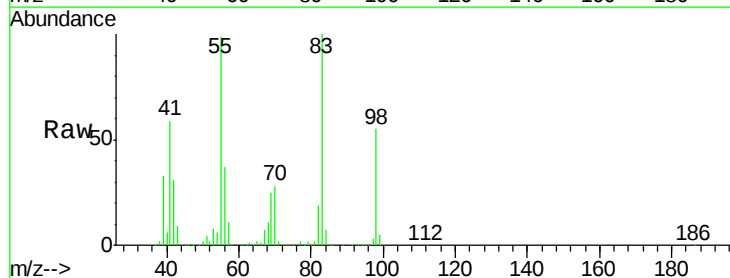
Instrument :
MSVOA_H
ClientSampleId :
MMB7B

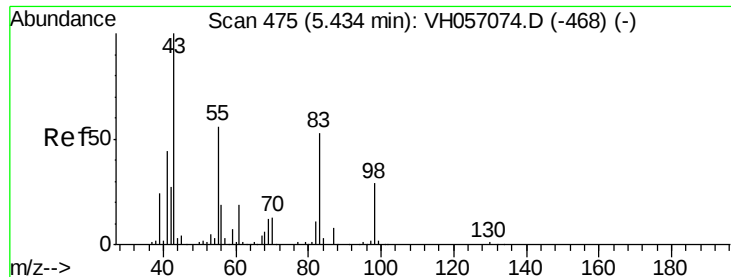
Tgt Ion: 41 Resp: 4029140
Ion Ratio Lower Upper
41 100
39 33.7 25.1 75.2
67 0.8 22.5 67.5#
52 0.8 19.0 57.0#



#42
Isopropyl Acetate
Concen: 19.43 ug/l
RT: 5.41 min Scan# 474
Delta R.T. -0.04 min
Lab File: VH057091.D
Acq: 21 Sep 2015 13:46

Tgt Ion: 43 Resp: 531744
Ion Ratio Lower Upper
43 100
61 1.1 15.8 23.6#
87 0.0 7.0 10.6#





#44

Methylcyclohexane

Concen: 895.23 ug/l

RT: 5.41 min Scan# 474

Delta R.T. -0.02 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Instrument :

MSVOA_H

ClientSampleId :

MMB7B

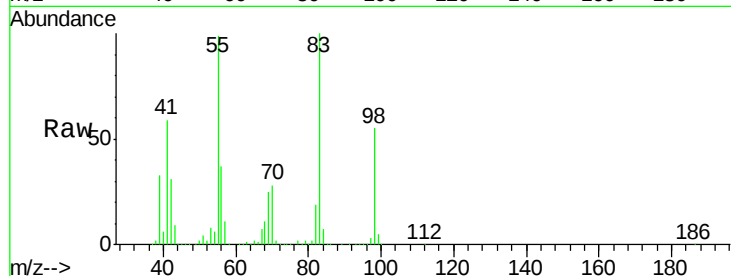
Tgt Ion: 83 Resp: 5760938

Ion Ratio Lower Upper

83 100

55 99.2 0.0 207.2

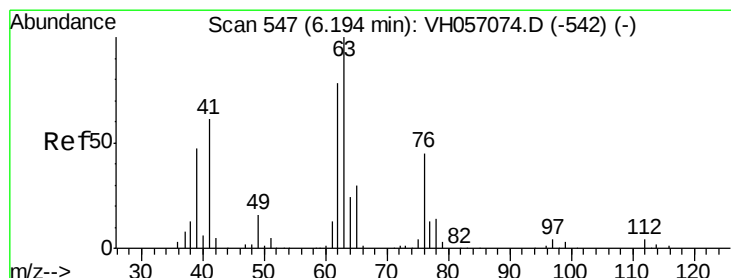
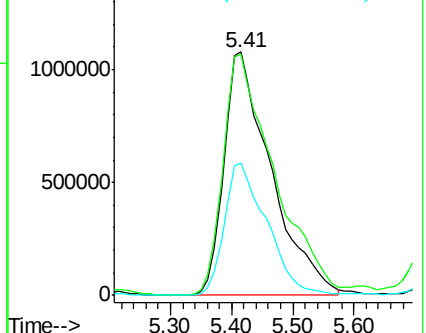
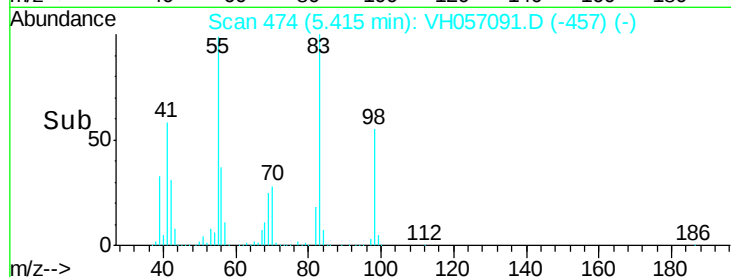
98 54.5 0.0 108.4



Abundance Ion 83.00 (82.70 to 83.70): VH057091.D (-457) (-)

Ion 55.00 (54.70 to 55.70): VH057091.D (-457) (-)

Ion 98.00 (97.70 to 98.70): VH057091.D (-457) (-)



#45

1,2-Dichloropropane

Concen: 0.94 ug/l

RT: 6.15 min Scan# 544

Delta R.T. -0.04 min

Lab File: VH057091.D

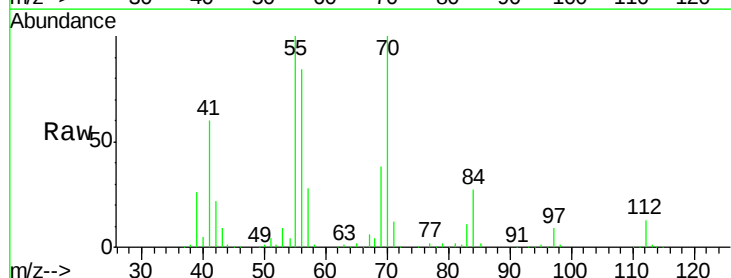
Acq: 21 Sep 2015 13:46

Tgt Ion: 63 Resp: 7911

Ion Ratio Lower Upper

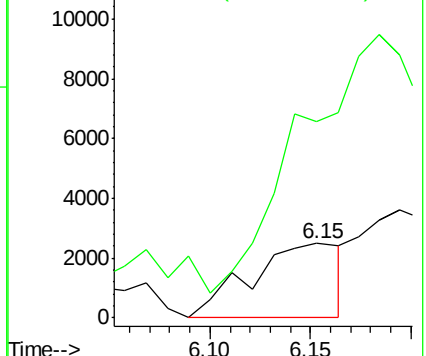
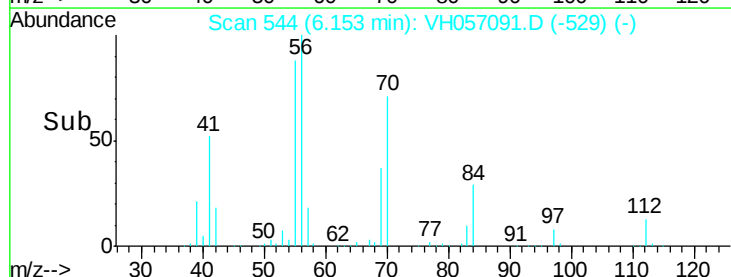
63 100

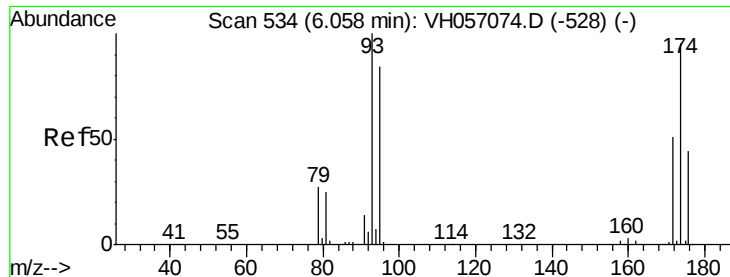
65 263.2 23.8 35.8#



Abundance Ion 63.00 (62.70 to 63.70): VH057091.D (-529) (-)

Ion 65.00 (64.70 to 65.70): VH057091.D (-529) (-)

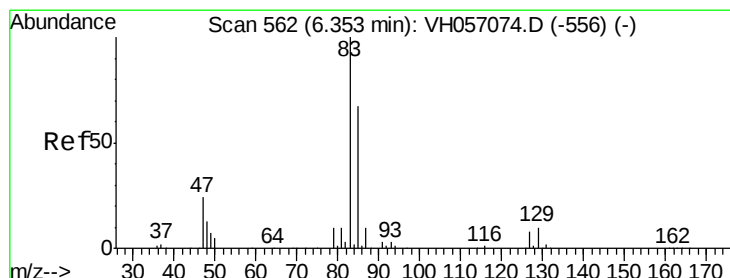
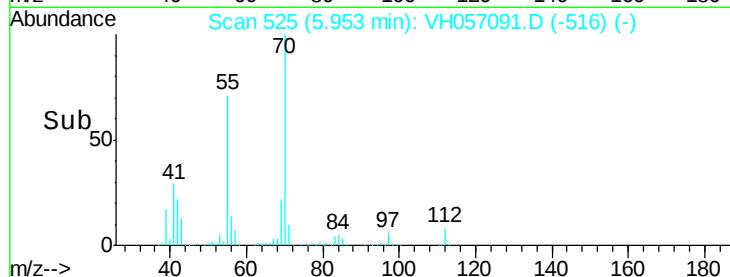
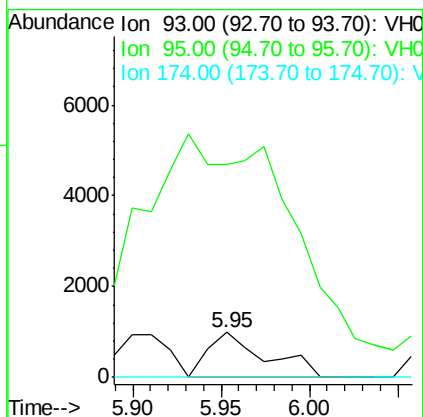
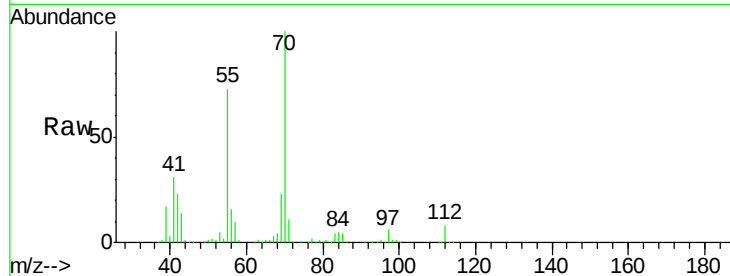




#46
 Dibromomethane
 Concen: 0.40 ug/l
 RT: 5.95 min Scan# 525
 Delta R.T. -0.10 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

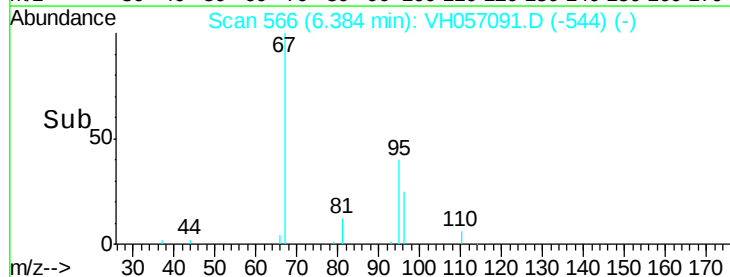
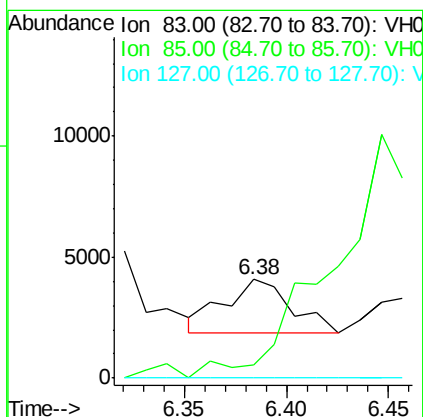
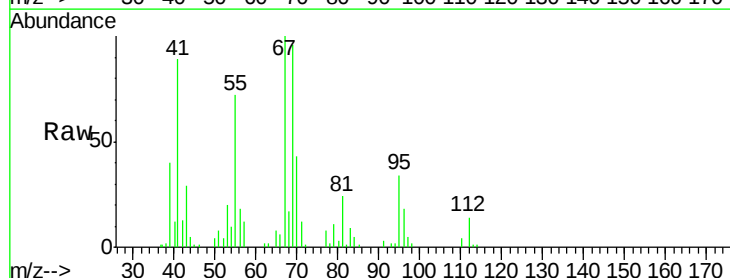
Instrument :
 MSVOA_H
 ClientSampleId :
 MMB7B

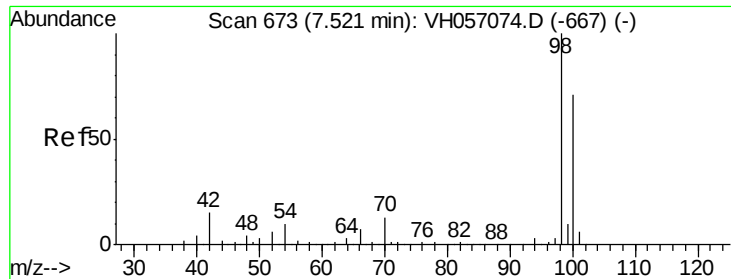
Tgt Ion: 93 Resp: 2220
 Ion Ratio Lower Upper
 93 100
 95 473.2 69.5 104.3#
 174 0.0 75.8 113.6#



#47
 Bromodichloromethane
 Concen: 0.44 ug/l
 RT: 6.38 min Scan# 566
 Delta R.T. 0.03 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

Tgt Ion: 83 Resp: 4944
 Ion Ratio Lower Upper
 83 100
 85 13.1 52.6 78.8#
 127 0.0 6.8 10.2#





#48

Toluene-d8

Concen: 48.53 ug/l

RT: 7.50 min Scan# 672

Delta R.T. -0.02 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Instrument :

MSVOA_H

ClientSampleId :

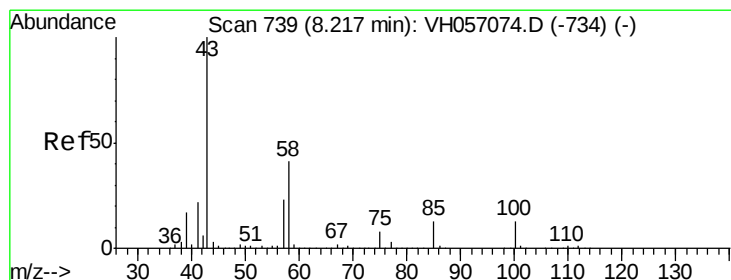
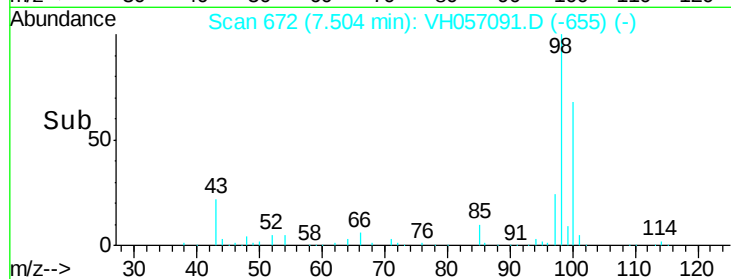
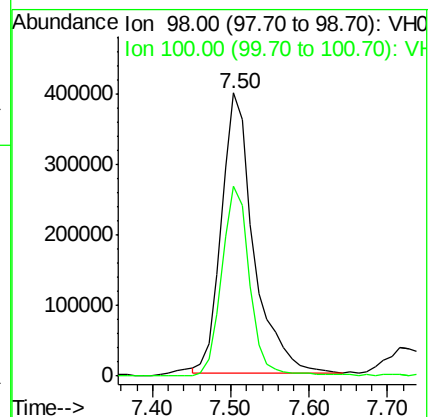
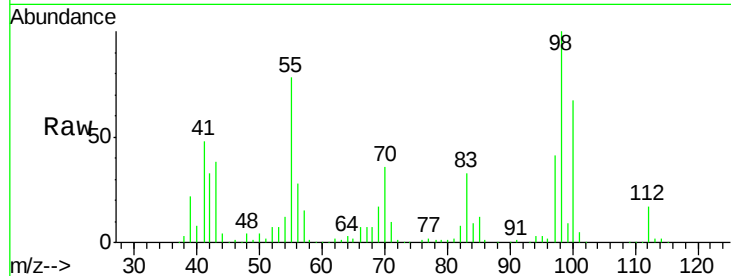
MMB7B

Tgt Ion: 98 Resp: 1129035

Ion Ratio Lower Upper

98 100

100 67.3 56.7 85.1



#49

4-Methyl-2-Pentanone

Concen: 277.91 ug/l

RT: 8.24 min Scan# 741

Delta R.T. 0.02 min

Lab File: VH057091.D

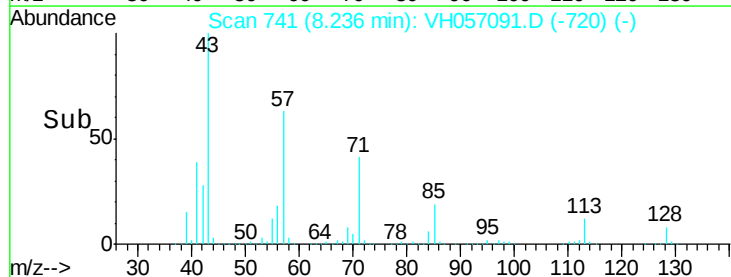
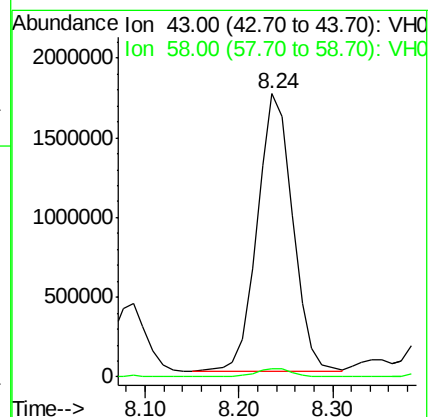
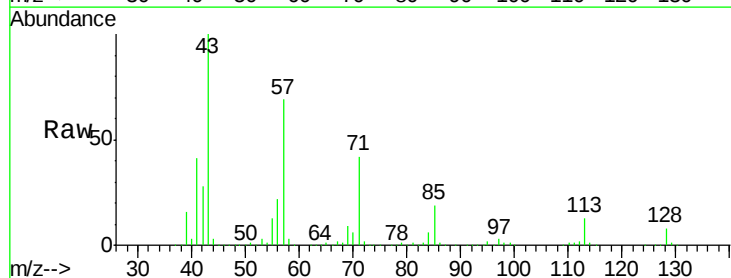
Acq: 21 Sep 2015 13:46

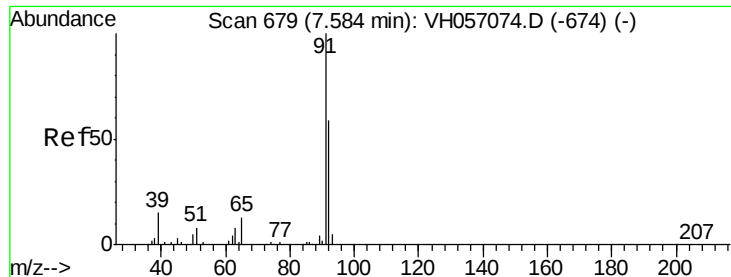
Tgt Ion: 43 Resp: 4607132

Ion Ratio Lower Upper

43 100

58 3.1 20.0 60.0#





#50

Toluene

Concen: 0.21 ug/l

RT: 7.57 min Scan# 678

Delta R.T. -0.02 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Instrument :

MSVOA_H

ClientSampled :

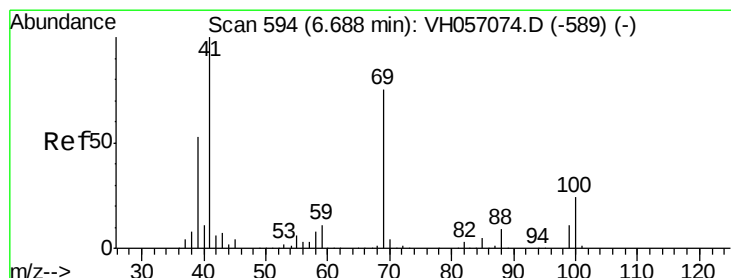
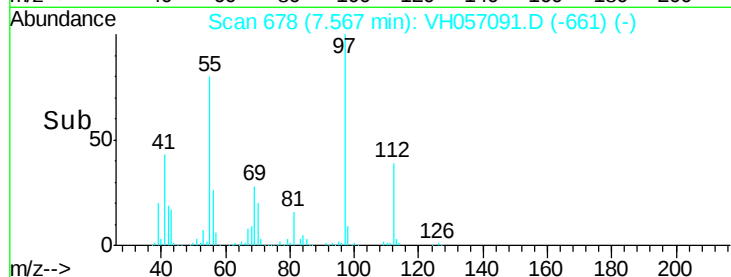
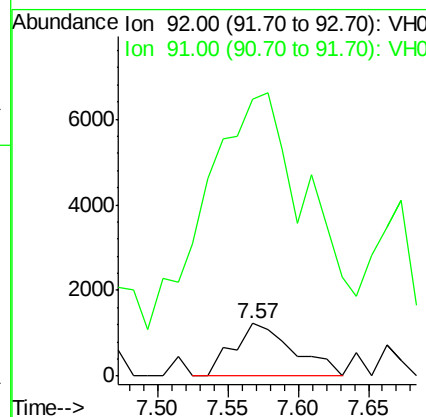
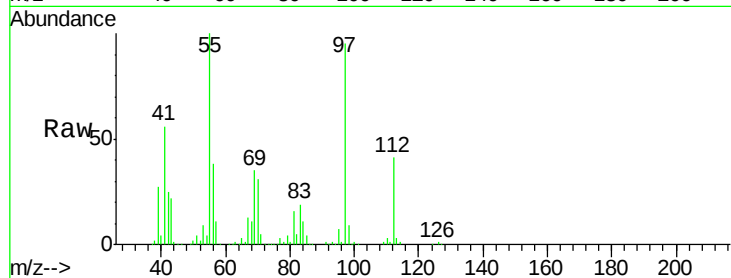
MMB7B

Tgt Ion: 92 Resp: 3646

Ion Ratio Lower Upper

92 100

91 527.7 125.8 188.6#



#52

Methyl Methacrylate

Concen: 55.39 ug/l

RT: 6.67 min Scan# 593

Delta R.T. -0.02 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

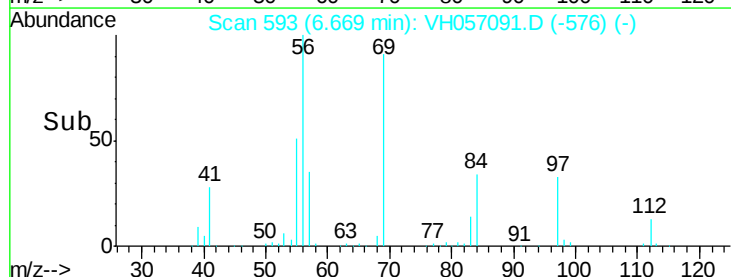
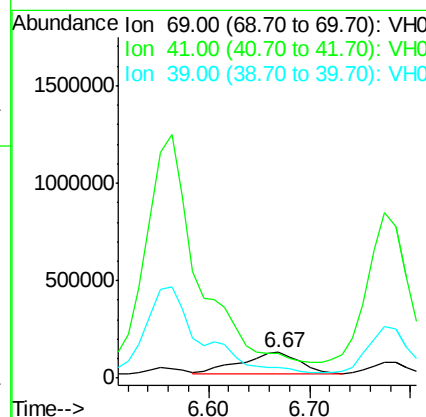
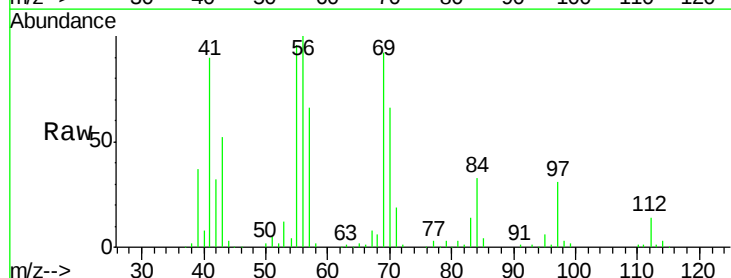
Tgt Ion: 69 Resp: 462045

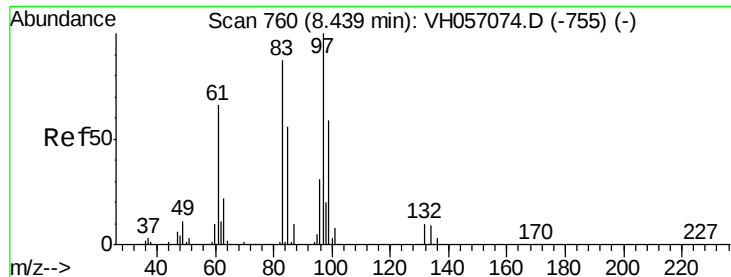
Ion Ratio Lower Upper

69 100

41 96.8 70.0 209.8

39 40.4 37.5 112.5





#55

1,1,2-Trichloroethane

Concen: 67.91 ug/l

RT: 8.35 min Scan# 752

Delta R.T. -0.09 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Instrument :

MSVOA_H

ClientSampleId :

MMB7B

Tgt Ion: 97 Resp: 490783

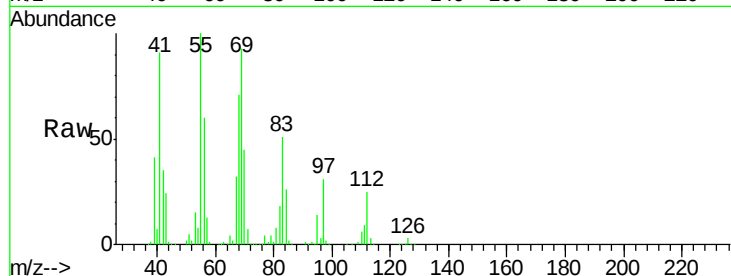
Ion Ratio Lower Upper

97 100

83 168.7 72.7 109.1#

85 6.4 45.5 68.3#

99 0.4 46.2 69.2#

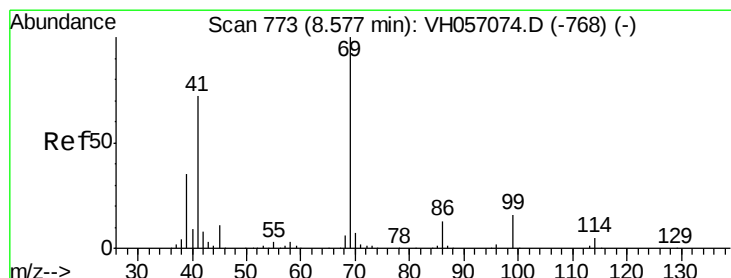
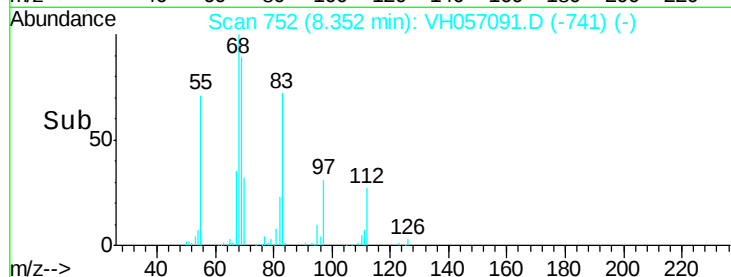
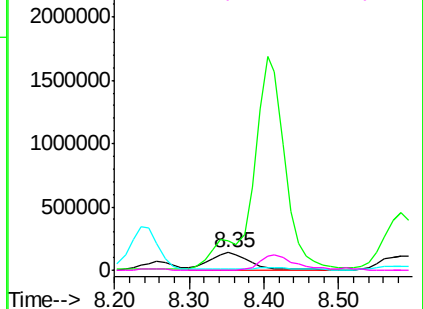


Abundance Ion 97.00 (96.70 to 97.70): VHC

Ion 82.95 (82.65 to 83.65): VHC

Ion 84.95 (84.65 to 85.65): VHC

Ion 98.95 (98.65 to 99.65): VHC



#56

Ethyl Methacrylate

Concen: 416.35 ug/l

RT: 8.58 min Scan# 774

Delta R.T. 0.01 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

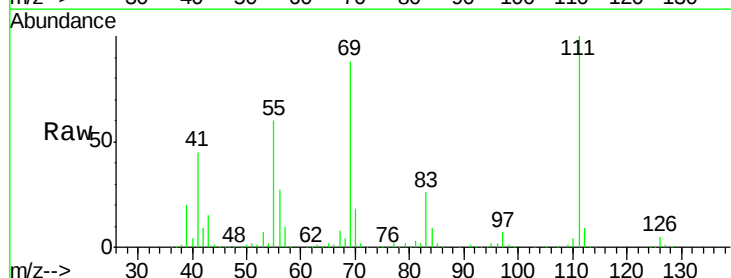
Tgt Ion: 69 Resp: 5942078

Ion Ratio Lower Upper

69 100

41 50.7 39.1 117.3

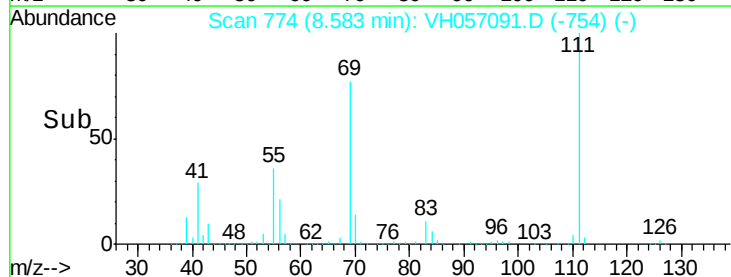
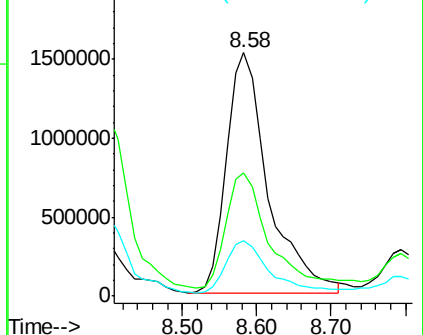
39 22.7 19.2 57.6

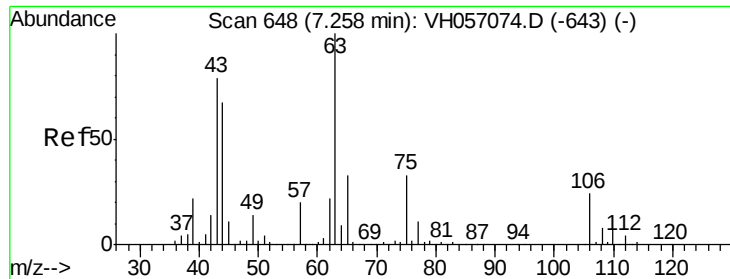


Abundance Ion 69.00 (68.70 to 69.70): VHC

Ion 41.00 (40.70 to 41.70): VHC

Ion 39.00 (38.70 to 39.70): VHC

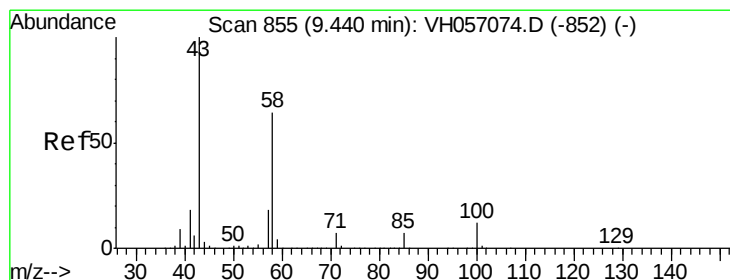
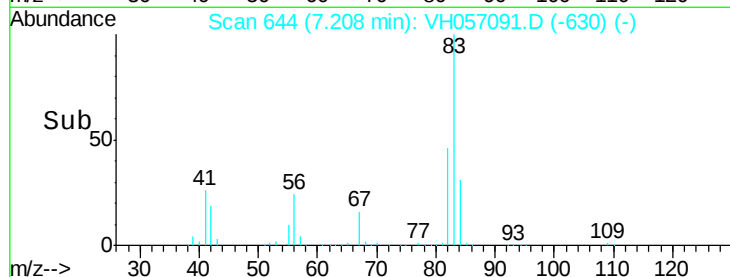
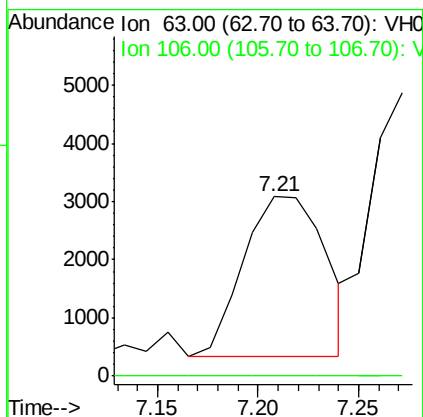
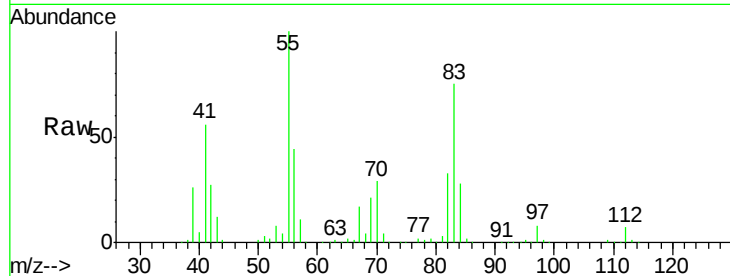




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.12 ug/l
 RT: 7.21 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

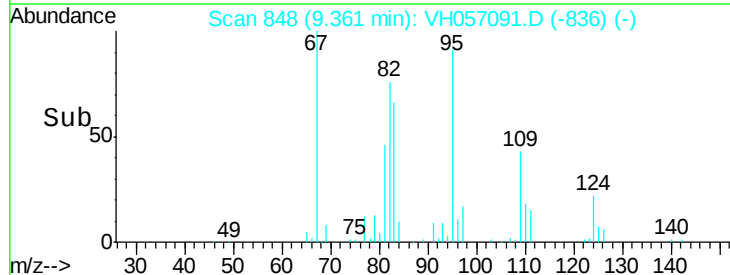
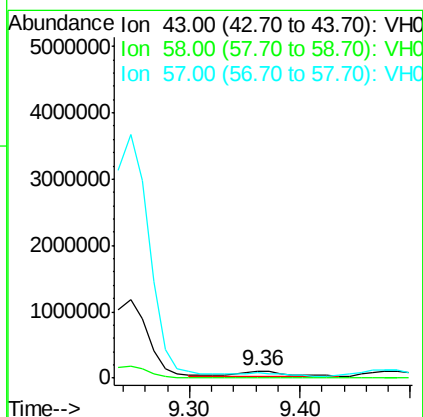
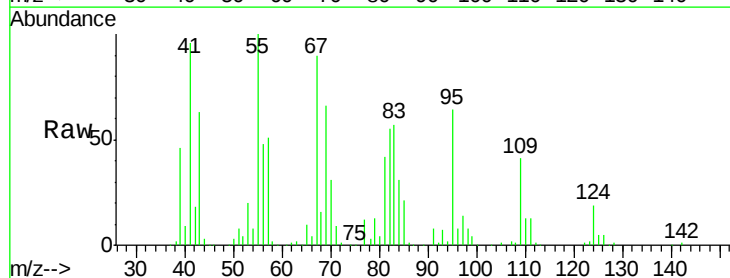
Instrument :
 MSVOA_H
 ClientSampled :
 MMB7B

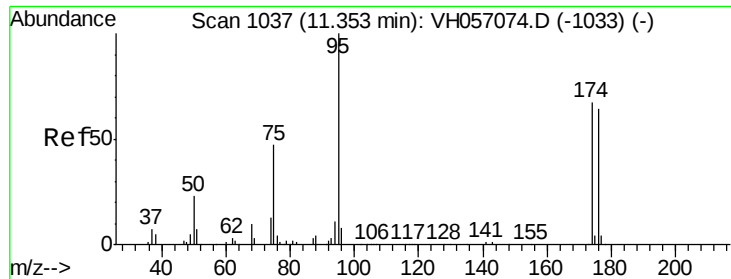
Tgt Ion: 63 Resp: 7871
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.0 27.0#



#59
 2-Hexanone
 Concen: 16.40 ug/l
 RT: 9.36 min Scan# 848
 Delta R.T. -0.08 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

Tgt Ion: 43 Resp: 212441
 Ion Ratio Lower Upper
 43 100
 58 3.6 27.1 81.2#
 57 80.1 8.1 24.3#





#62

4-Bromofluorobenzene

Concen: 89.99 ug/l

RT: 11.35 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Instrument :

MSVOA_H

ClientSampleId :

MMB7B

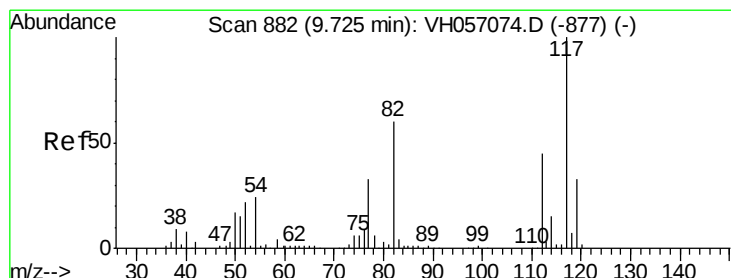
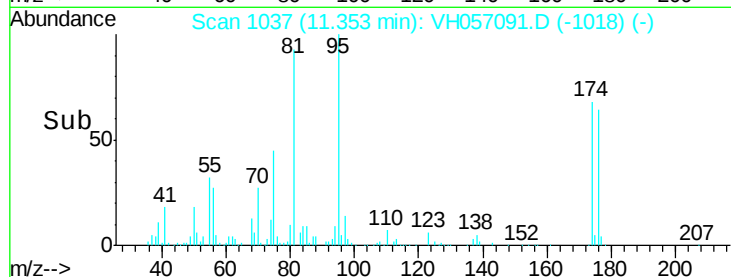
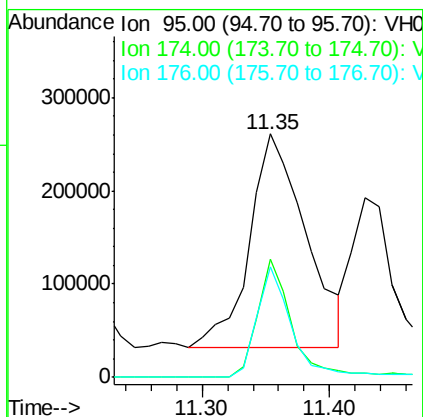
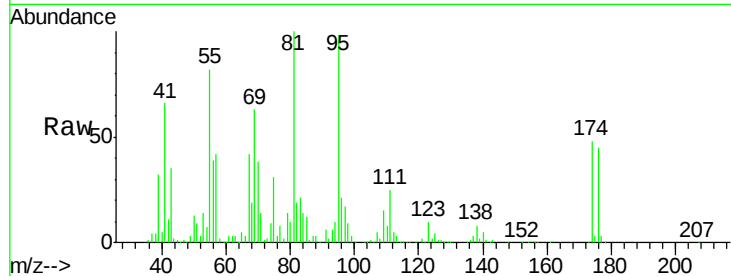
Tgt Ion: 95 Resp: 705965

Ion Ratio Lower Upper

95 100

174 48.8 58.4 87.6#

176 45.4 54.3 81.5#



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.71 min Scan# 881

Delta R.T. -0.02 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

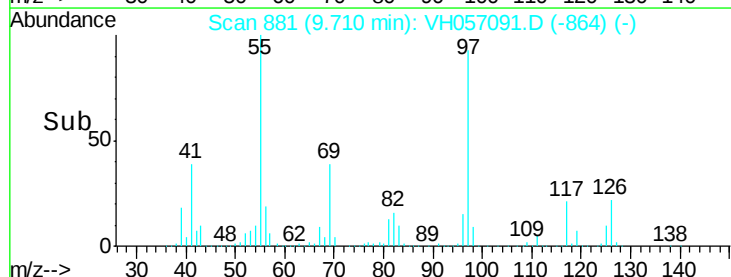
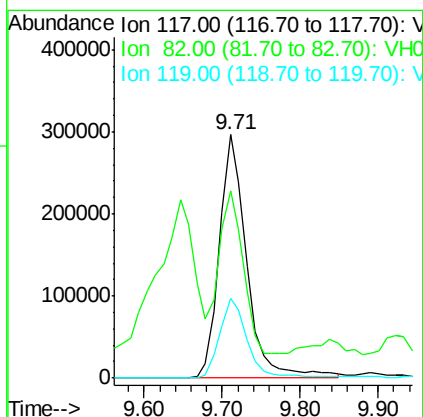
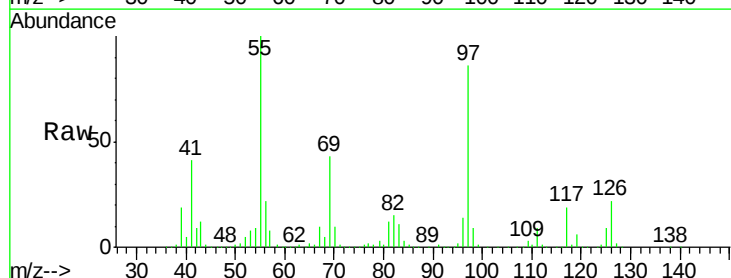
Tgt Ion: 117 Resp: 726422

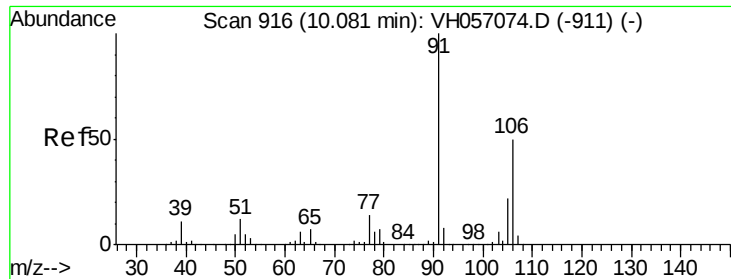
Ion Ratio Lower Upper

117 100

82 77.1 51.0 76.6#

119 32.7 26.7 40.1

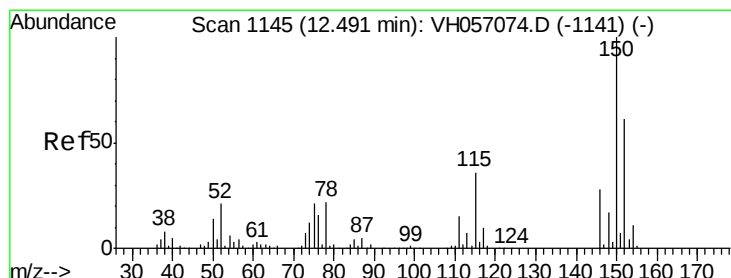
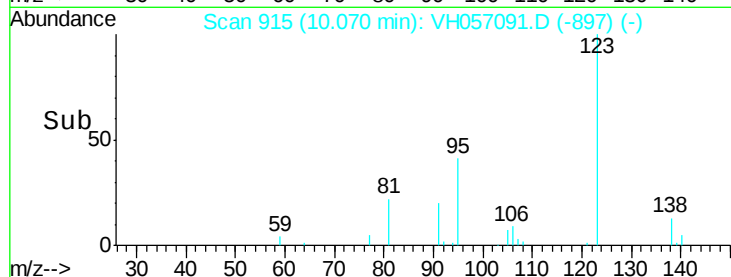
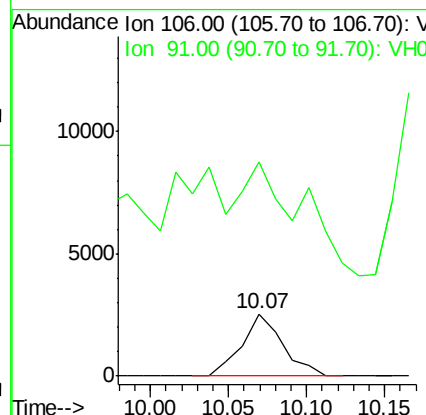
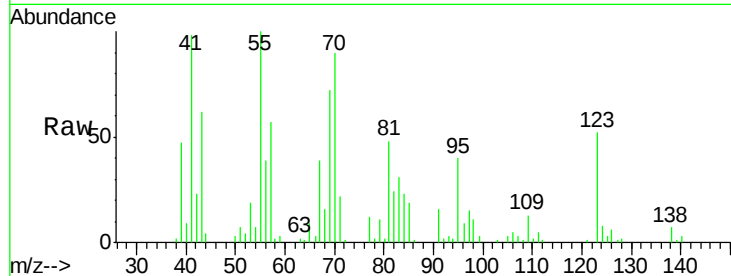




#68
m/p-Xylenes
Concen: 0.50 ug/l
RT: 10.07 min Scan# 915
Delta R.T. -0.01 min
Lab File: VH057091.D
Acq: 21 Sep 2015 13:46

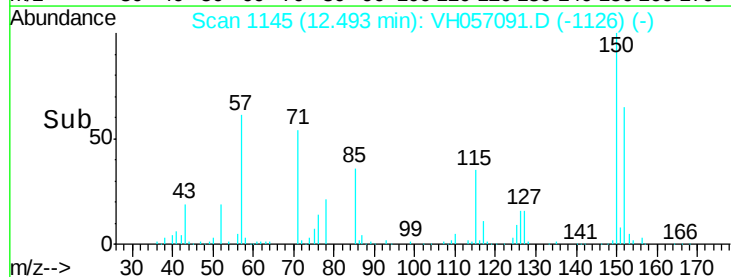
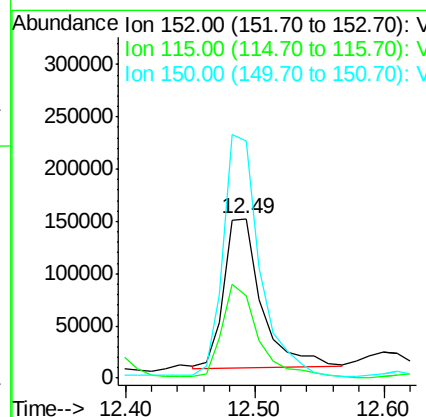
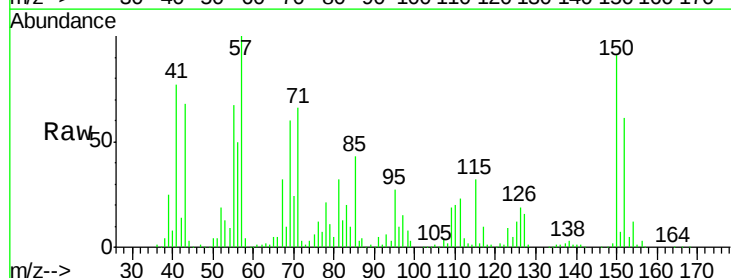
Instrument :
MSVOA_H
ClientSampled :
MMB7B

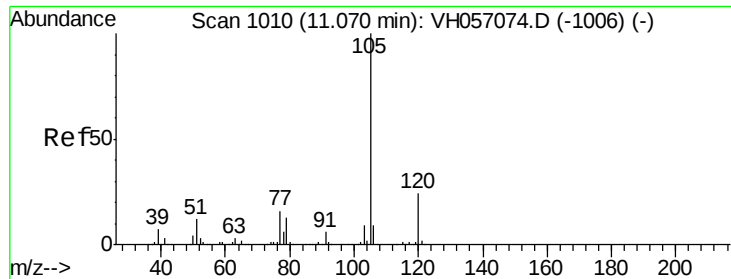
Tgt Ion:106 Resp: 4563
Ion Ratio Lower Upper
106 100
91 344.1 164.4 246.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.49 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VH057091.D
Acq: 21 Sep 2015 13:46

Tgt Ion:152 Resp: 290774
Ion Ratio Lower Upper
152 100
115 51.9 28.2 84.6
150 148.5 0.0 332.0





#73

Isopropylbenzene

Concen: 3.53 ug/l

RT: 11.07 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Instrument :

MSVOA_H

ClientSampleId :

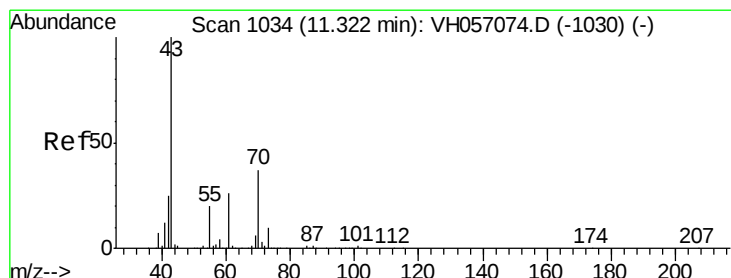
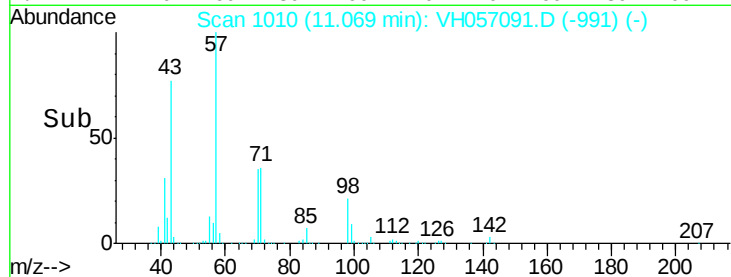
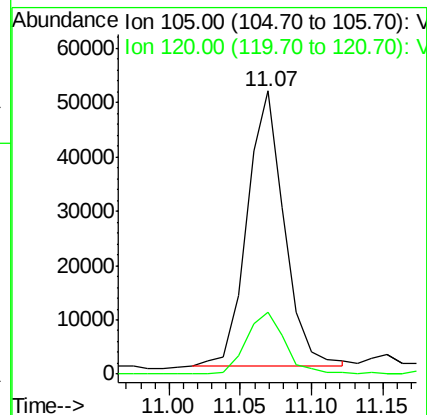
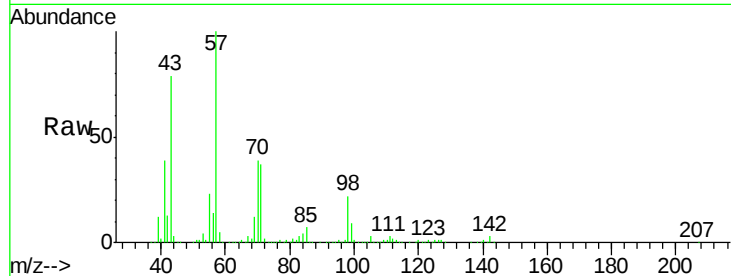
MMB7B

Tgt Ion:105 Resp: 93758

Ion Ratio Lower Upper

105 100

120 21.8 12.2 36.4



#74

n-Amyl Acetate

Concen: 2.17 ug/l

RT: 11.34 min Scan# 1036

Delta R.T. 0.02 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Tgt Ion: 43 Resp: 61326

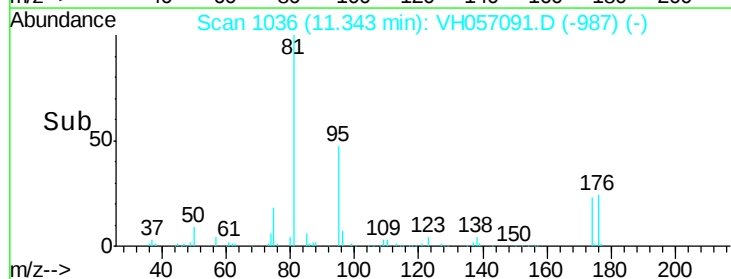
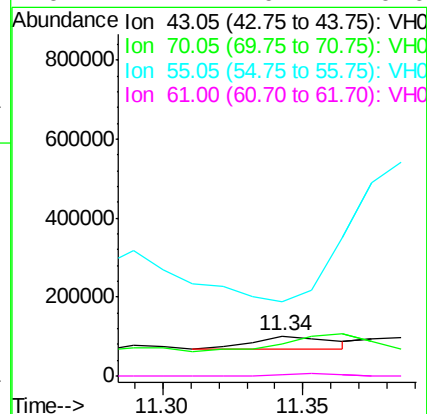
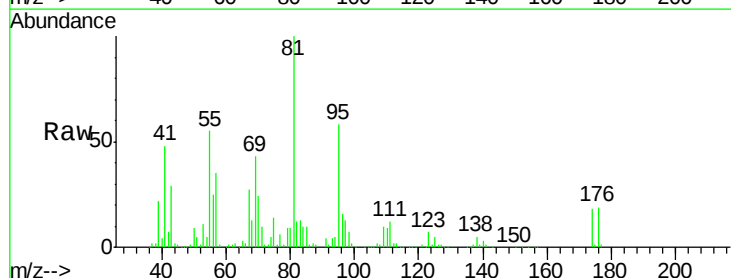
Ion Ratio Lower Upper

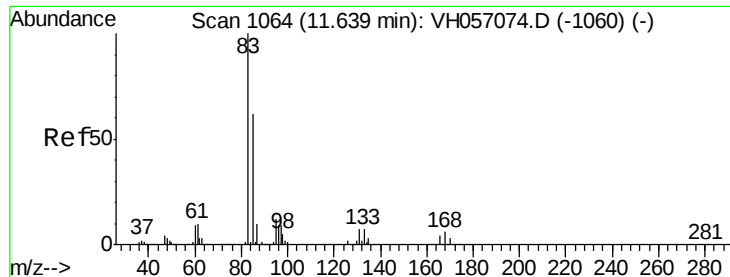
43 100

70 81.6 27.3 40.9#

55 188.0 15.3 22.9#

61 4.7 19.4 29.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 23.20 ug/l

RT: 11.62 min Scan# 1062

Delta R.T. -0.02 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Instrument :

MSVOA_H

ClientSampleId :

MMB7B

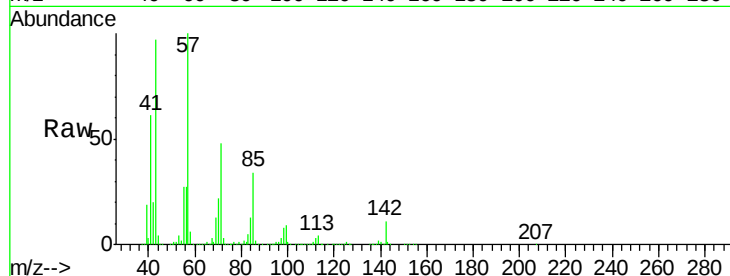
Tgt Ion: 83 Resp: 323040

Ion Ratio Lower Upper

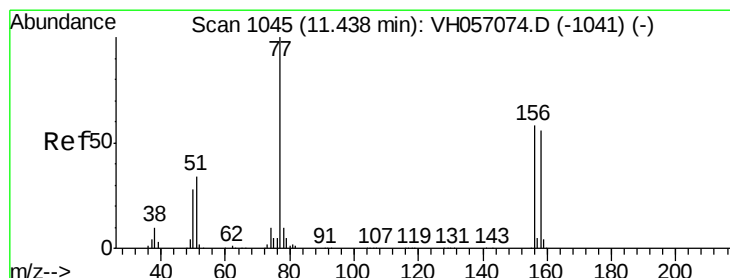
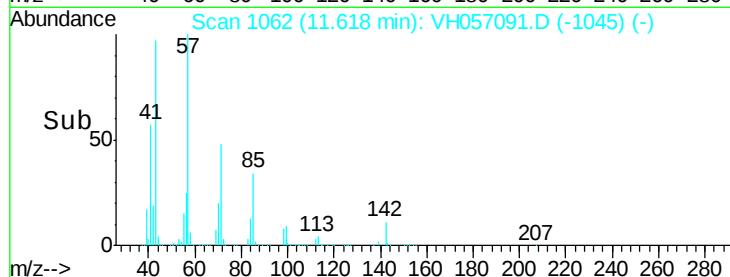
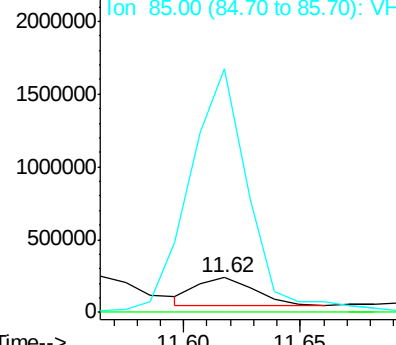
83 100

131 0.0 3.1 9.3#

85 704.7 32.3 96.8#



Abundance Ion 83.00 (82.70 to 83.70): VH057074.D (-1060) (-)



#77

Bromobenzene

Concen: 0.30 ug/l

RT: 11.32 min Scan# 1034

Delta R.T. -0.12 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

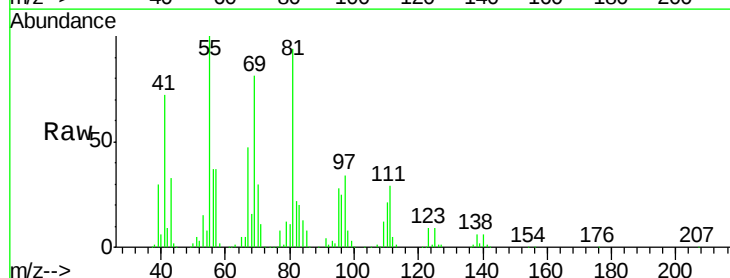
Tgt Ion: 156 Resp: 2248

Ion Ratio Lower Upper

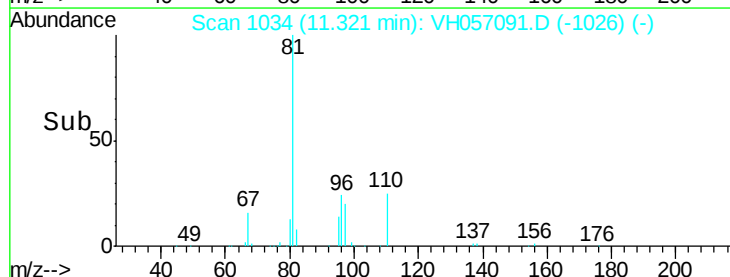
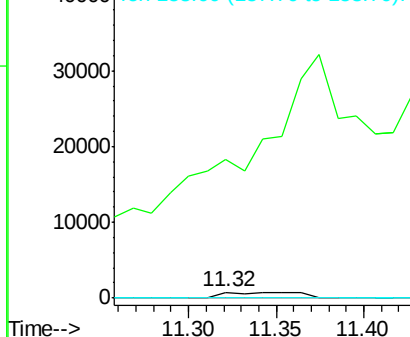
156 100

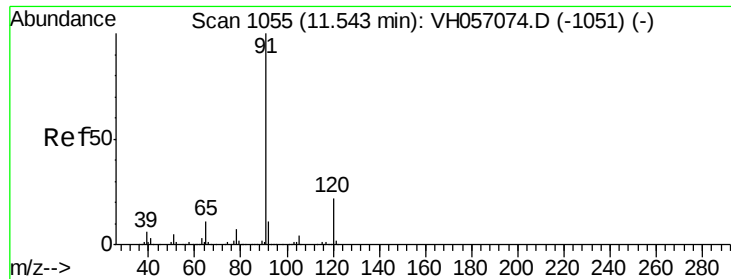
77 2358.9 73.5 220.5#

158 0.0 46.8 140.3#



Abundance Ion 156.00 (155.70 to 156.70): VH057074.D (-1041) (-)





#78

n-propylbenzene

Concen: 11.01 ug/l

RT: 11.53 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Instrument :

MSVOA_H

ClientSampled :

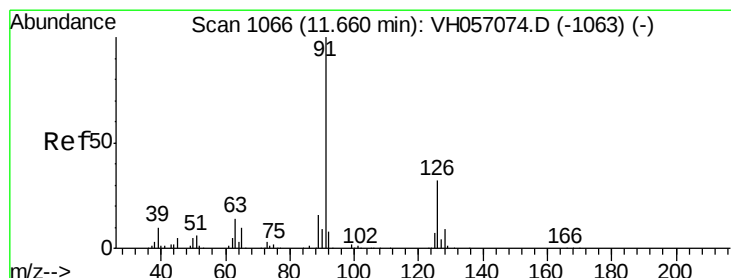
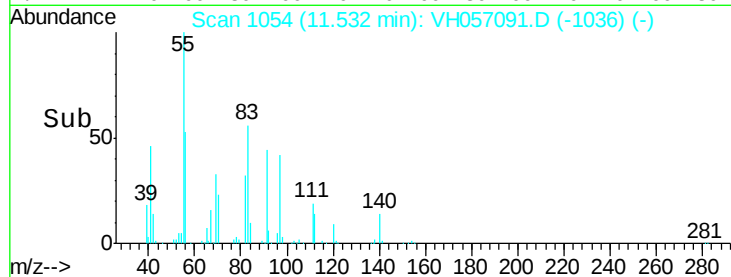
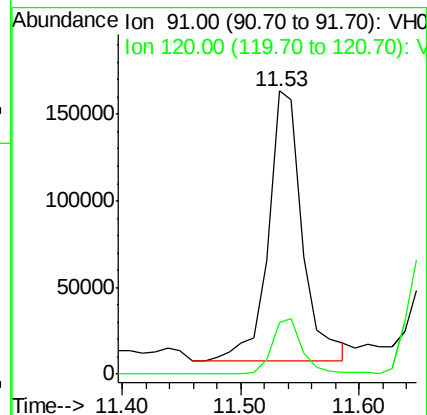
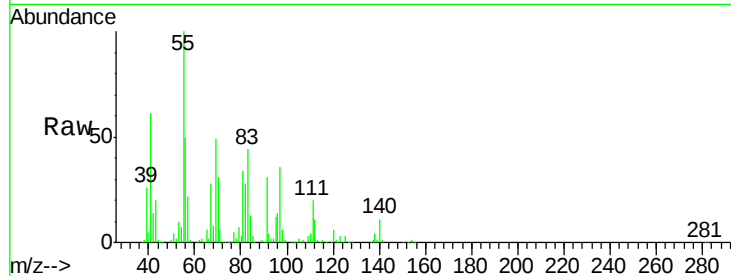
MMB7B

Tgt Ion: 91 Resp: 312699

Ion Ratio Lower Upper

91 100

120 18.3 10.2 30.6



#79

2-Chlorotoluene

Concen: 0.37 ug/l

RT: 11.73 min Scan# 1073

Delta R.T. 0.07 min

Lab File: VH057091.D

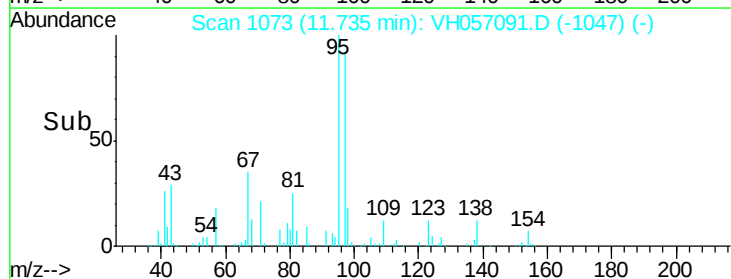
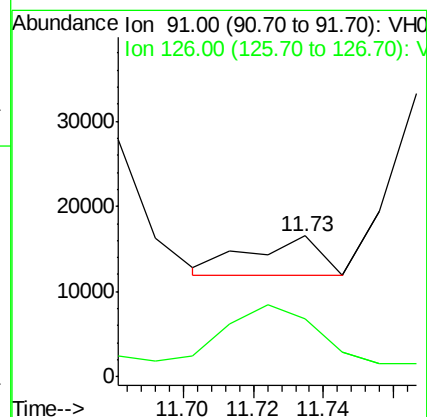
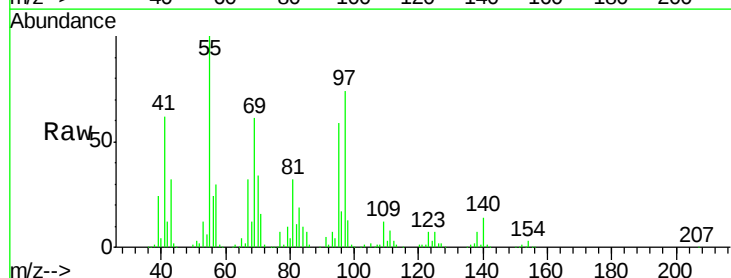
Acq: 21 Sep 2015 13:46

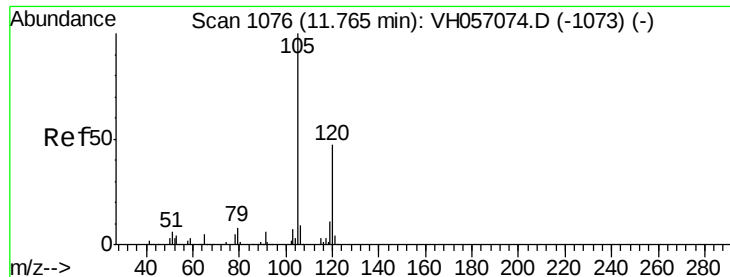
Tgt Ion: 91 Resp: 6305

Ion Ratio Lower Upper

91 100

126 41.4 16.3 48.9

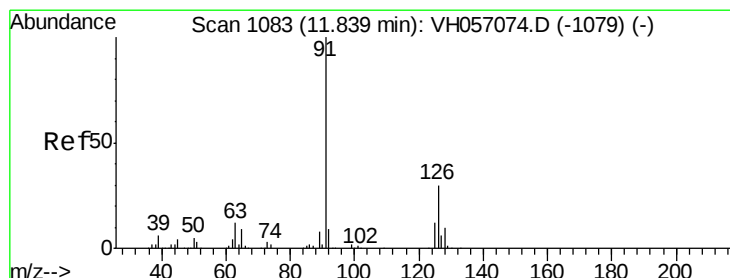
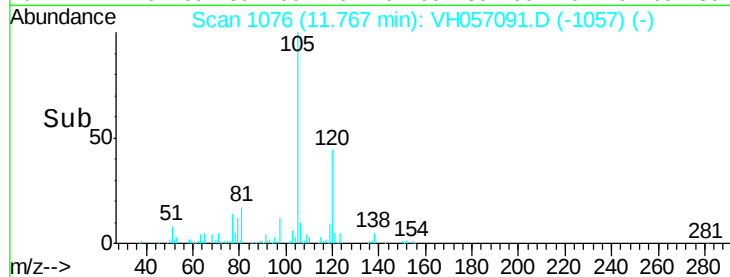
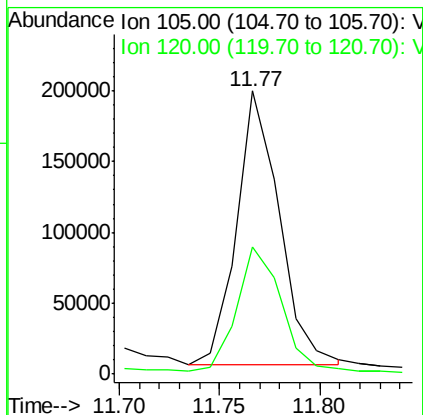
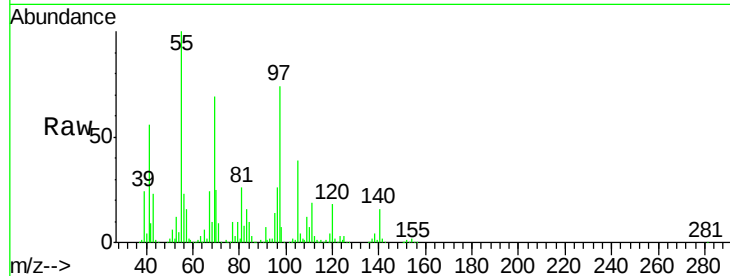




#80
 1,3,5-Trimethylbenzene
 Concen: 16.40 ug/l
 RT: 11.77 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

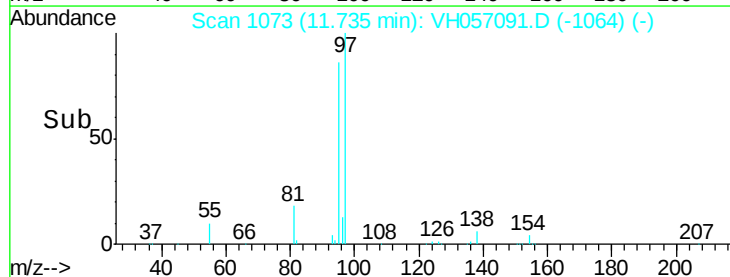
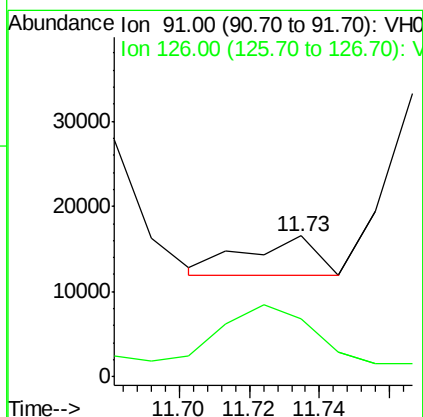
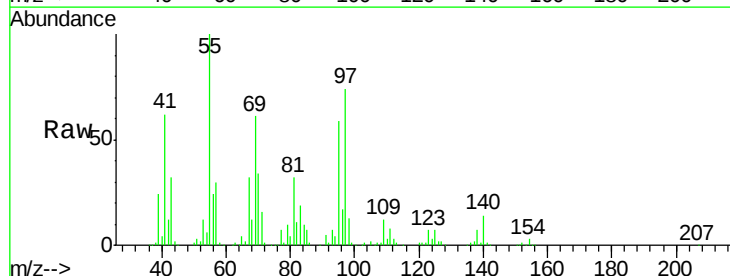
Instrument :
 MSVOA_H
 ClientSampled :
 MMB7B

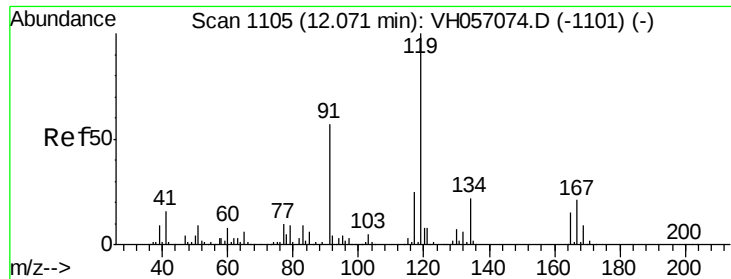
Tgt Ion: 105 Resp: 284650
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.6 71.0



#82
 4-Chlorotoluene
 Concen: 0.30 ug/l
 RT: 11.73 min Scan# 1073
 Delta R.T. -0.10 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

Tgt Ion: 91 Resp: 6305
 Ion Ratio Lower Upper
 91 100
 126 41.4 17.0 51.0

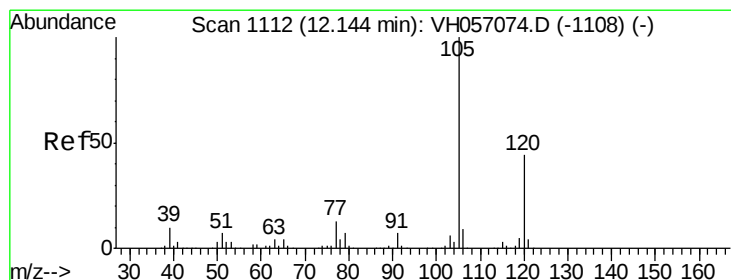
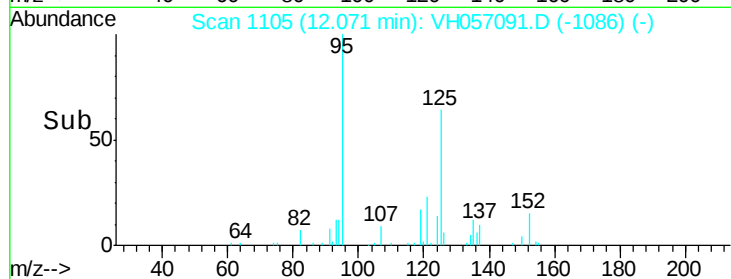
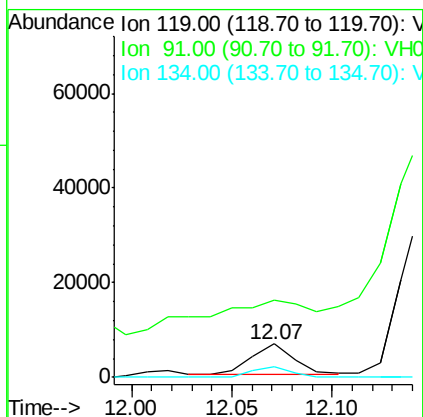
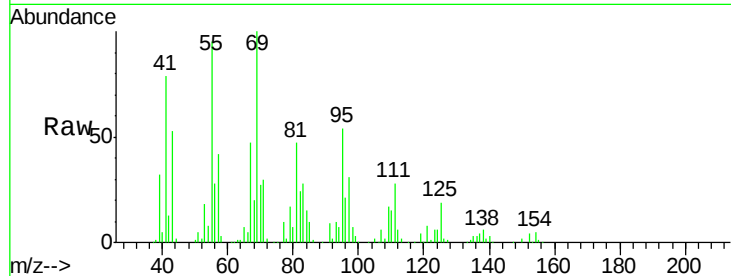




#83
 tert-Butylbenzene
 Concen: 0.59 ug/l
 RT: 12.07 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

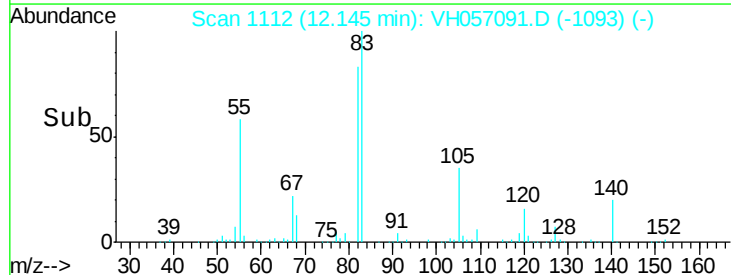
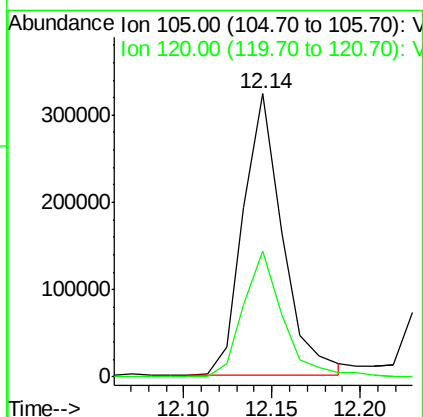
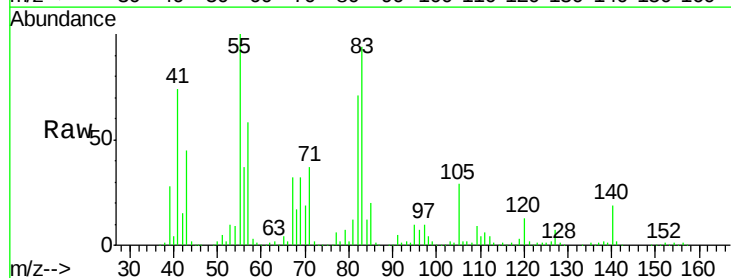
Instrument :
 MSVOA_H
 ClientSampleId :
 MMB7B

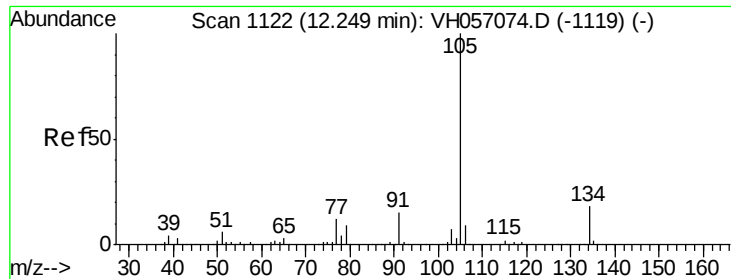
Tgt Ion:119 Resp: 9699
 Ion Ratio Lower Upper
 119 100
 91 228.2 28.5 85.6#
 134 30.8 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 28.06 ug/l
 RT: 12.14 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

Tgt Ion:105 Resp: 502572
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.6 67.7

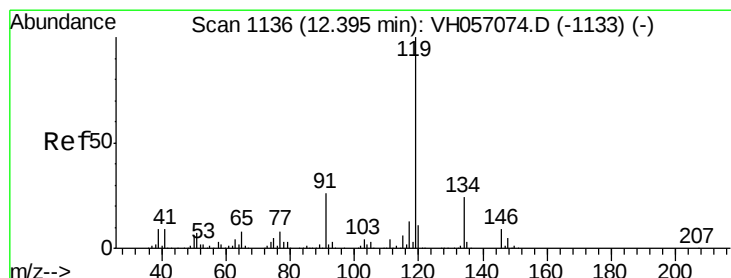
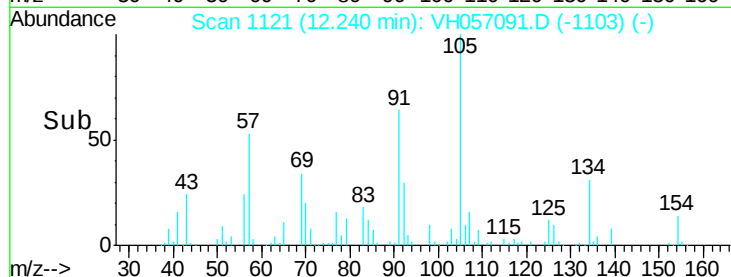
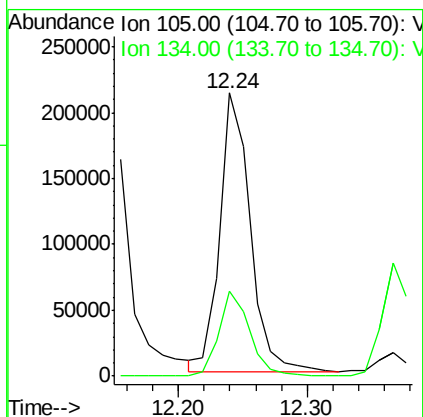
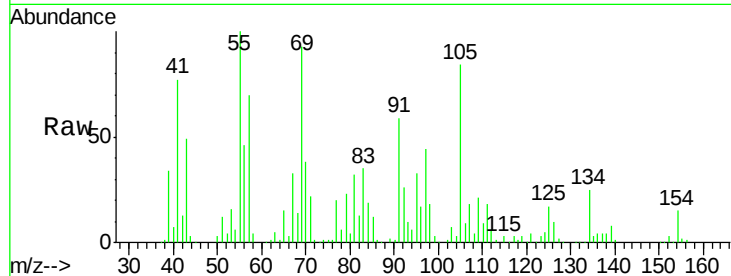




#85
 sec-Butylbenzene
 Concen: 19.75 ug/l
 RT: 12.24 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

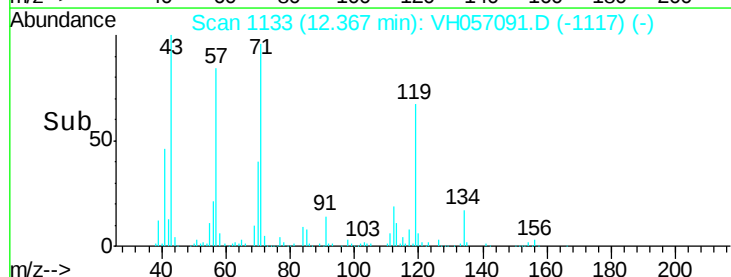
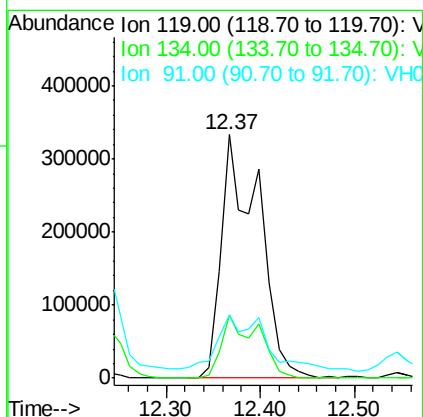
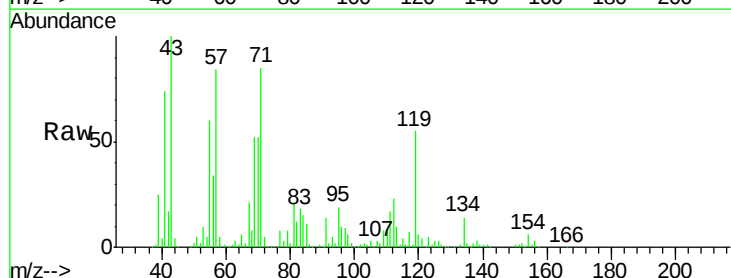
Instrument :
 MSVOA_H
 ClientSampleID :
 MMB7B

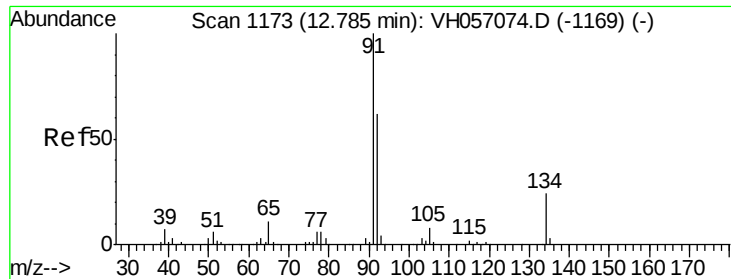
Tgt Ion:105 Resp: 345990
 Ion Ratio Lower Upper
 105 100
 134 30.2 9.1 27.3#



#86
 p-Isopropyltoluene
 Concen: 68.02 ug/l
 RT: 12.37 min Scan# 1133
 Delta R.T. -0.03 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

Tgt Ion:119 Resp: 904751
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 25.9 12.5 37.5

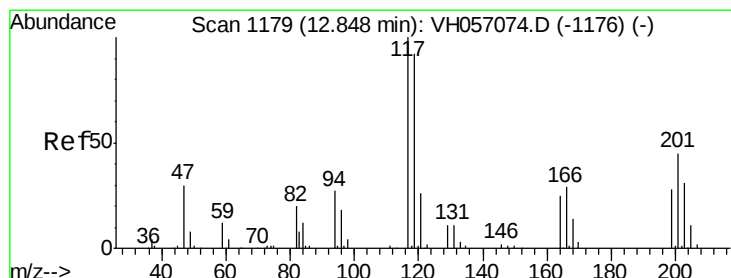
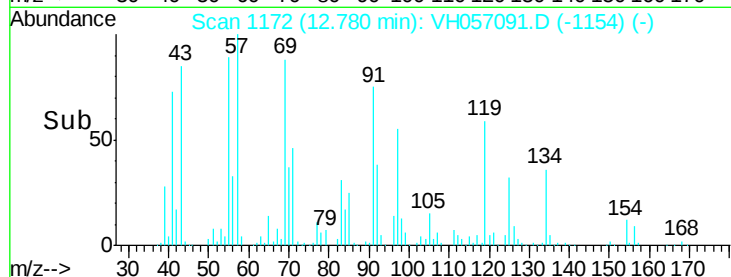
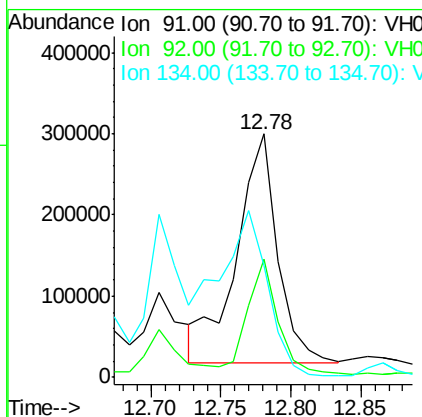
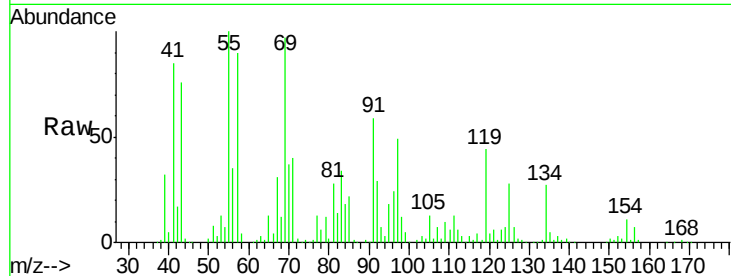




#89
n-Butylbenzene
Concen: 54.56 ug/l
RT: 12.78 min Scan# 1172
Delta R.T. -0.01 min
Lab File: VH057091.D
Acq: 21 Sep 2015 13:46

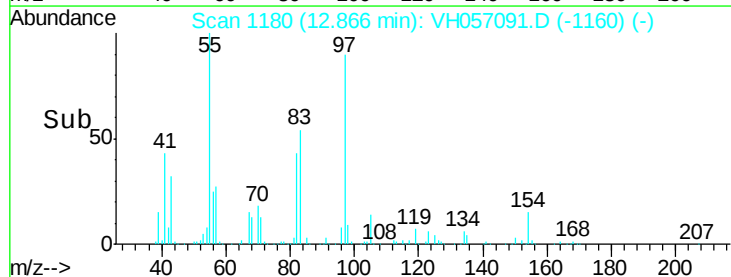
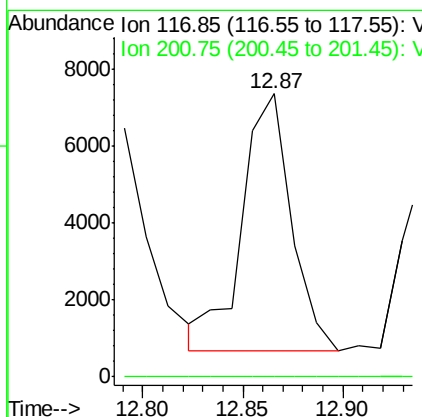
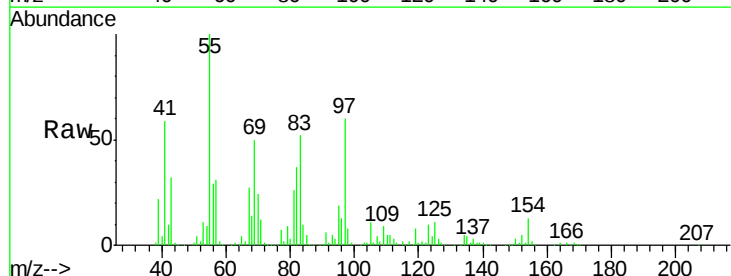
Instrument :
MSVOA_H
ClientSampled :
MMB7B

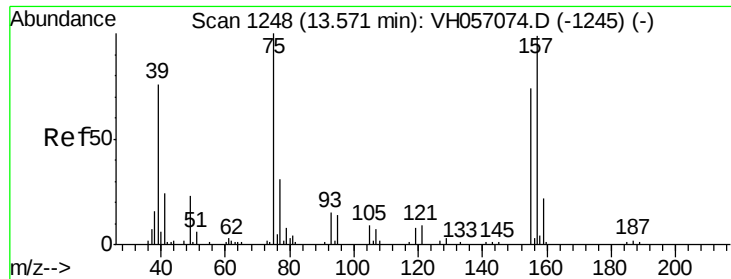
Tgt Ion: 91 Resp: 580070
Ion Ratio Lower Upper
91 100
92 48.6 31.3 93.9
134 45.9 10.5 31.6#



#90
Hexachloroethane
Concen: 4.12 ug/l
RT: 12.87 min Scan# 1180
Delta R.T. 0.02 min
Lab File: VH057091.D
Acq: 21 Sep 2015 13:46

Tgt Ion: 117 Resp: 11588
Ion Ratio Lower Upper
117 100
201 0.0 14.0 80.8#

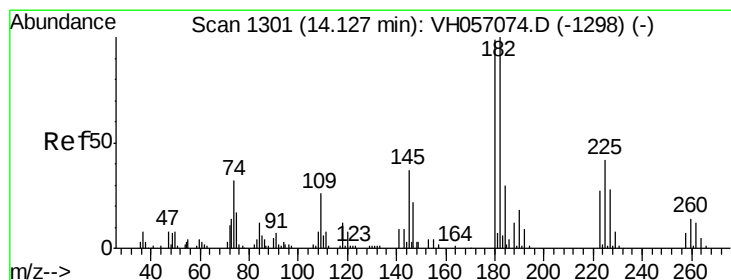
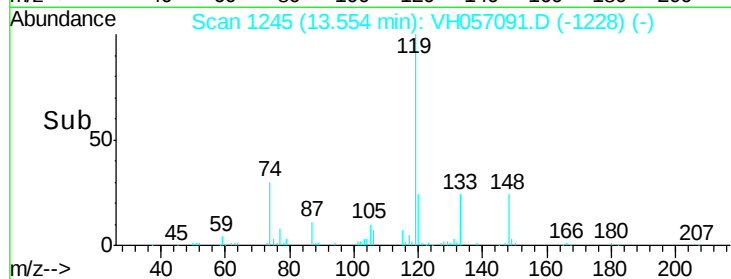
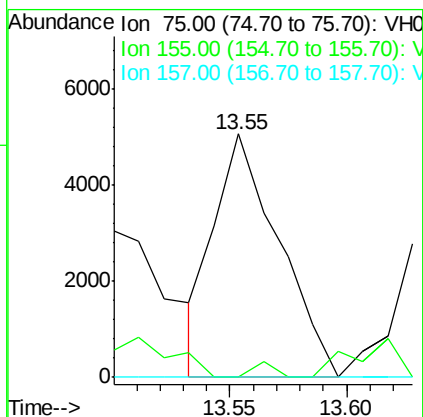
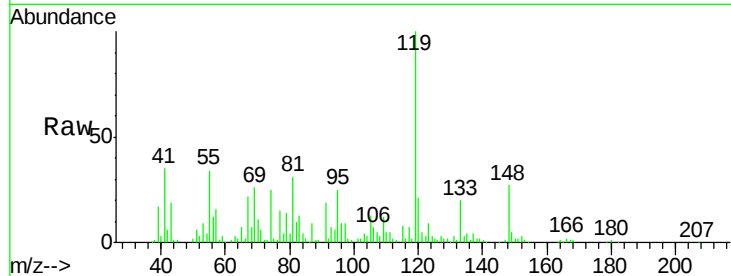




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.26 ug/l
 RT: 13.55 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

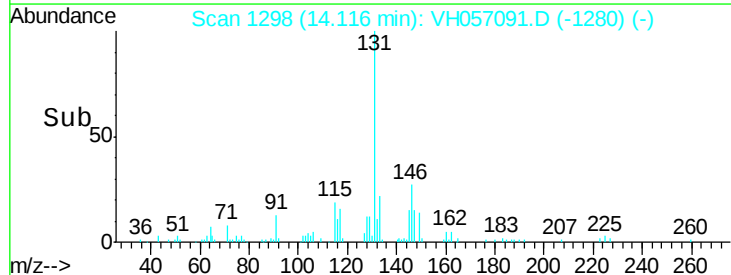
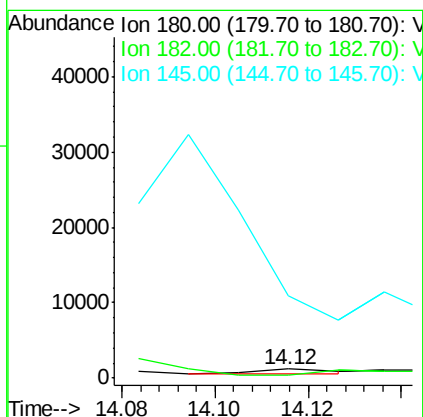
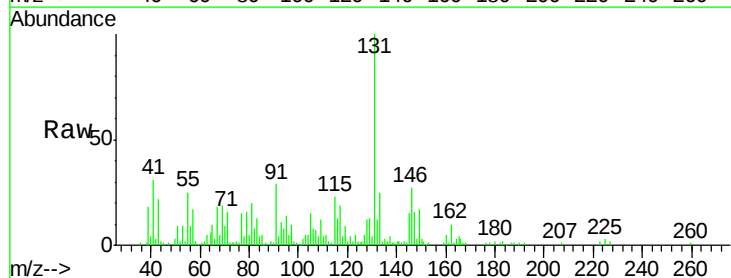
Instrument :
 MSVOA_H
 ClientSampleId :
 MMB7B

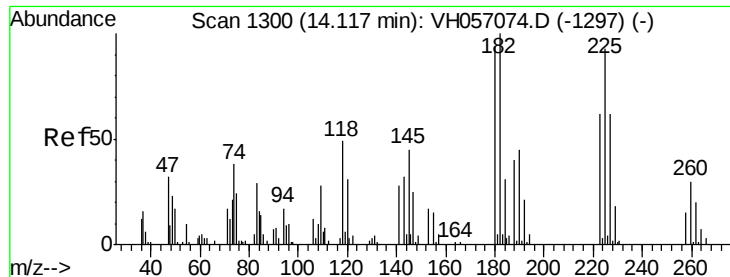
Tgt Ion: 75 Resp: 9770
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.4 130.2#
 157 0.0 62.8 188.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.21 ug/l
 RT: 14.12 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

Tgt Ion: 180 Resp: 902
 Ion Ratio Lower Upper
 180 100
 182 37.4 43.0 129.2#
 145 897.6 17.3 52.0#





#94

Hexachlorobutadiene

Concen: 2.25 ug/l

RT: 14.12 min Scan# 1298

Delta R.T. -0.00 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

Instrument :

MSVOA_H

ClientSampled :

MMB7B

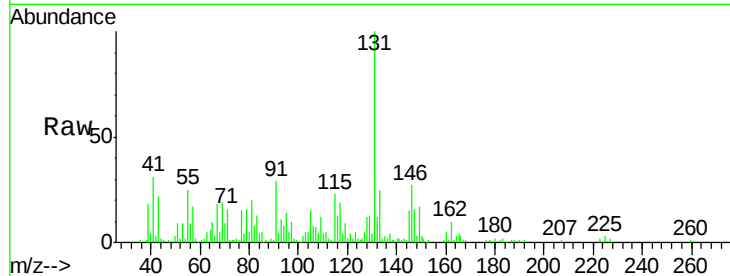
Tgt Ion:225 Resp: 1891

Ion Ratio Lower Upper

225 100

223 54.6 30.3 90.8

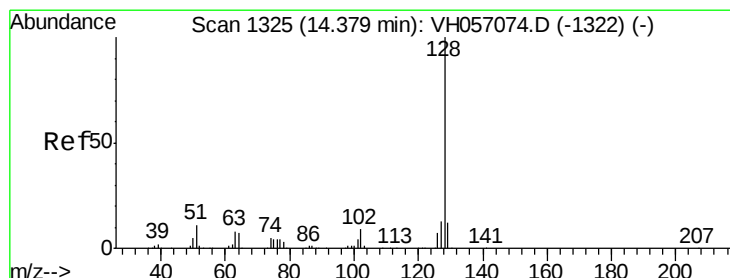
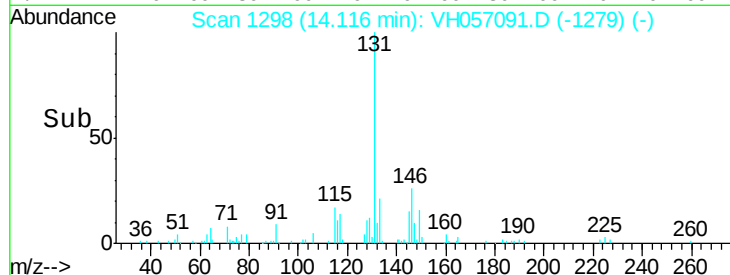
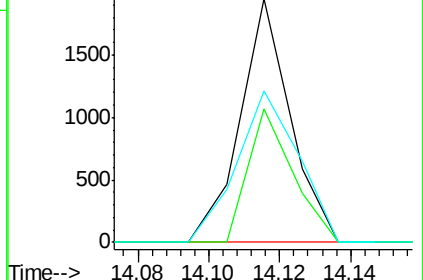
227 62.4 30.5 91.5



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#95

Naphthalene

Concen: 6.01 ug/l

RT: 14.38 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VH057091.D

Acq: 21 Sep 2015 13:46

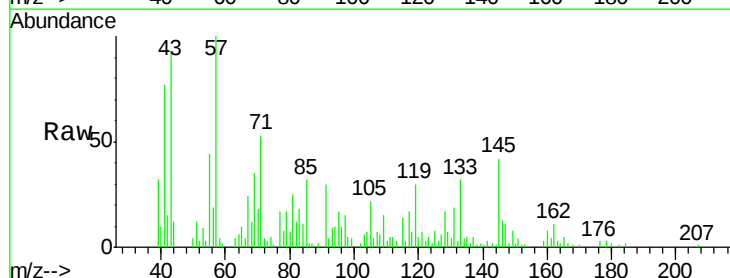
Tgt Ion:128 Resp: 9463

Ion Ratio Lower Upper

128 100

127 36.6 9.6 14.4#

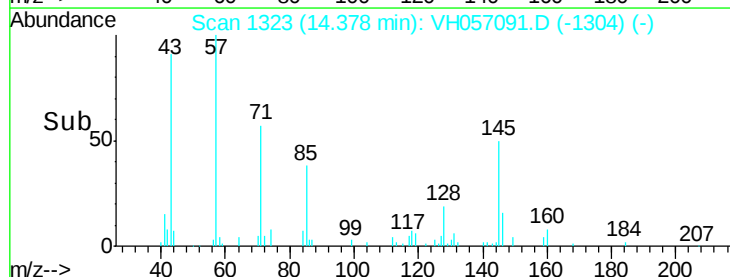
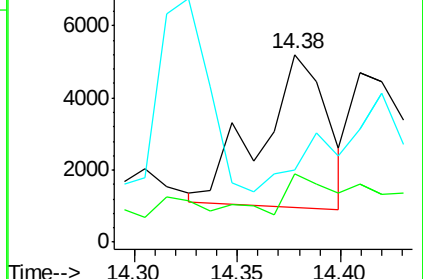
129 38.3 8.7 13.1#

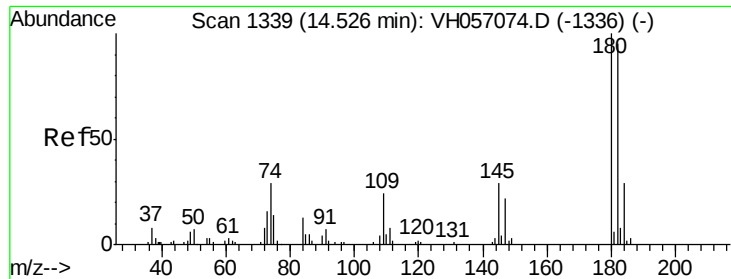


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

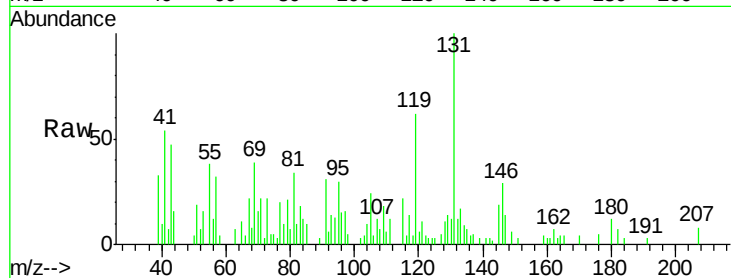




#96
 1,2,3-Trichlorobenzene
 Concen: 7.24 ug/l
 RT: 14.53 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VH057091.D
 Acq: 21 Sep 2015 13:46

Instrument :
 MSVOA_H
 ClientSampleId :
 MMB7B

Tgt Ion:180 Resp: 2019
 Ion Ratio Lower Upper
 180 100
 182 60.8 47.1 141.3
 145 162.0 12.5 37.5#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

