

Data Path : W:\HPCHEM1\MSVOA_H\DATA\XH092115\
 Data File : XH057089.D
 Acq On : 21 Sep 2015 12:29
 Operator : SY/FY
 Sample : XH0921MBS01
 Misc : 5.00g/10mL/100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 XH0921MBS01

Quant Time: Sep 22 04:37:07 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	4.82	168	716049	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.55	114	1282333	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.70	117	1036969	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.49	152	308278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.79	65	564410	44.14	ug/l	-0.02
Spiked Amount	50.000	Range	66 - 150	Recovery	=	88.28%
35) Dibromofluoromethane	4.06	113	481671	47.18	ug/l	-0.02
Spiked Amount	50.000	Range	76 - 130	Recovery	=	94.36%
48) Toluene-d8	7.50	98	1343889	45.78	ug/l	-0.02
Spiked Amount	50.000	Range	78 - 121	Recovery	=	91.56%
62) 4-Bromofluorobenzene	11.35	95	475585	48.04	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	96.08%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.93	85	191372	21.51	ug/l	100
3) Chloromethane	1.03	50	223626	19.63	ug/l	98
4) Vinyl Chloride	1.08	62	185363	19.68	ug/l	99
5) Bromomethane	1.27	94	101000	21.40	ug/l	93
6) Chloroethane	1.34	64	92819	21.86	ug/l	94
7) Trichlorofluoromethane	1.40	101	82980	9.42	ug/l	93
8) Tert butyl alcohol	2.53	59	233390	101.66	ug/l	99
9) Diethyl Ether	1.61	74	98726	22.67	ug/l	63
10) Diisopropyl ether	2.77	45	622507	19.50	ug/l	# 95
11) 1,1-Dichloroethene	1.72	96	150109	22.72	ug/l	91
12) Methyl Iodide	1.85	142	177897	15.28	ug/l	89
13) Acrolein	1.97	56	150618	109.71	ug/l	94
14) 1,1,2-Trichlorotrifluoroet	1.80	101	146304	22.74	ug/l	90
15) Acrylonitrile	2.89	53	416963	99.58	ug/l	99
16) Allyl Chloride	2.06	41	284370	20.88	ug/l	97
17) Acetone	2.20	43	543988	84.58	ug/l	95
18) Carbon Disulfide	1.77	76	452671	23.24	ug/l	100
19) Methyl Acetate	2.30	43	604884	18.18	ug/l	99
20) Methyl tert-butyl Ether	2.40	73	580592	21.95	ug/l	97
21) Methylene Chloride	2.15	84	164723	22.79	ug/l	# 81
22) trans-1,2-Dichloroethene	2.27	96	165817	22.84	ug/l	98
23) Vinyl Acetate	3.15	43	1559717	103.24	ug/l	99
24) 1,1-Dichloroethane	2.83	63	318328	20.25	ug/l	100
25) 2-Butanone	4.29	43	1226687	103.27	ug/l	97
26) 2,2-Dichloropropane	3.56	77	219598	22.25	ug/l	99
27) cis-1,2-Dichloroethene	3.43	96	226836	22.37	ug/l	92
28) Bromochloromethane	3.67	128	52690	15.55	ug/l	81
29) Chloroform	3.81	83	391097	21.05	ug/l	100
30) Cyclohexane	3.65	56	258426	20.52	ug/l	93
31) Tetrahydrofuran	4.03	42	668124	100.21	ug/l	92
32) 1,1,1-Trichloroethane	4.04	97	290779	21.74	ug/l	96
36) 1,1-Dichloropropene	4.23	75	301509	21.40	ug/l	98
37) Ethyl acetate	4.06	43	538168	20.35	ug/l	# 55
38) Carbon Tetrachloride	4.04	117	28444	2.59	ug/l	84

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092115\
 Data File : VH057089.D
 Acq On : 21 Sep 2015 12:29
 Operator : SY/FY
 Sample : VH0921MBS01
 Misc : 5.00g/10mL/100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 VH0921MBS01

Quant Time: Sep 22 04:37:07 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)
39) Benzene	4.58	78	704402	21.00	ug/l	95
40) Methacrylonitrile	4.70	41	250441	21.39	ug/l	96
41) 1,2-Dichloroethane	4.89	62	298860	20.18	ug/l #	95
42) Isopropyl Acetate	5.43	43	714571	20.69	ug/l	98
43) Trichloroethene	5.46	130	191652	22.48	ug/l	98
44) Methylcyclohexane	5.41	83	179465	22.10	ug/l	97
45) 1,2-Dichloropropane	6.18	63	231311	21.75	ug/l	100
46) Dibromomethane	6.03	93	142884	20.65	ug/l	94
47) Bromodichloromethane	6.33	83	310650	21.92	ug/l	100
49) 4-Methyl-2-Pentanone	8.19	43	2248939	107.50	ug/l	97
50) Toluene	7.57	92	472624	22.00	ug/l	96
51) t-1,3-Dichloropropene	8.22	75	356712	21.96	ug/l	98
52) Methyl Methacrylate	6.67	69	226434	21.51	ug/l	98
53) 1,4-Dioxane	6.66	88	45411	367.81	ug/l #	88
54) cis-1,3-Dichloropropene	7.25	75	373019	21.62	ug/l	99
55) 1,1,2-Trichloroethane	8.43	97	206202	22.61	ug/l	97
56) Ethyl Methacrylate	8.56	69	372979	20.71	ug/l	94
57) 1,3-Dichloropropane	8.79	76	392249	21.15	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.24	63	1137763	127.76	ug/l	93
59) 2-Hexanone	9.43	43	1609935	98.49	ug/l	99
60) Dibromochloromethane	8.65	129	236062	22.83	ug/l	93
61) 1,2-Dibromoethane	8.91	107	220074	20.97	ug/l	98
64) Tetrachloroethene	8.10	164	133457	22.71	ug/l	98
65) Chlorobenzene	9.73	112	487891	21.62	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.86	131	177907	22.85	ug/l	93
67) Ethyl Benzene	9.83	106	231765	21.46	ug/l	98
68) m/p-Xylenes	10.06	106	584850	44.52	ug/l	98
69) o-Xylene	10.64	106	285068	22.60	ug/l	94
70) Styrene	10.73	104	475156	21.57	ug/l	97
71) Bromoform	10.71	173	151787	22.78	ug/l	98
73) Isopropylbenzene	11.07	105	611424	21.72	ug/l	99
74) n-Amyl Acetate	11.32	43	594890	19.89	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.63	83	306901	20.79	ug/l	98
76) 1,2,3-Trichloropropane	11.73	75	236930	20.46	ug/l	97
77) Bromobenzene	11.43	156	181680	22.67	ug/l	96
78) n-propylbenzene	11.53	91	670317	22.27	ug/l	97
79) 2-Chlorotoluene	11.66	91	384482	21.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.76	105	421753	22.92	ug/l	97
81) trans-1,4-Dichloro-2-Buten	11.80	75	176041	20.86	ug/l	95
82) 4-Chlorotoluene	11.83	91	482033	21.98	ug/l	100
83) tert-Butylbenzene	12.06	119	402467	23.17	ug/l	97
84) 1,2,4-Trimethylbenzene	12.14	105	420561	22.15	ug/l	98
85) sec-Butylbenzene	12.24	105	432210	23.27	ug/l	98
86) p-Isopropyltoluene	12.39	119	335766	23.81	ug/l	96
87) 1,3-Dichlorobenzene	12.41	146	212774	22.25	ug/l	98
88) 1,4-Dichlorobenzene	12.50	146	225364	22.76	ug/l	98
89) n-Butylbenzene	12.77	91	265212	23.53	ug/l	95
90) Hexachloroethane	12.84	117	71510	23.95	ug/l	91
91) 1,2-Dichlorobenzene	12.87	146	190470	22.11	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.57	75	29484	17.81	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092115\
Data File : VH057089.D
Acq On : 21 Sep 2015 12:29
Operator : SY/FY
Sample : VH0921MBS01
Misc : 5.00g/10mL/100uL/5mL/MSVOA_H/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS01

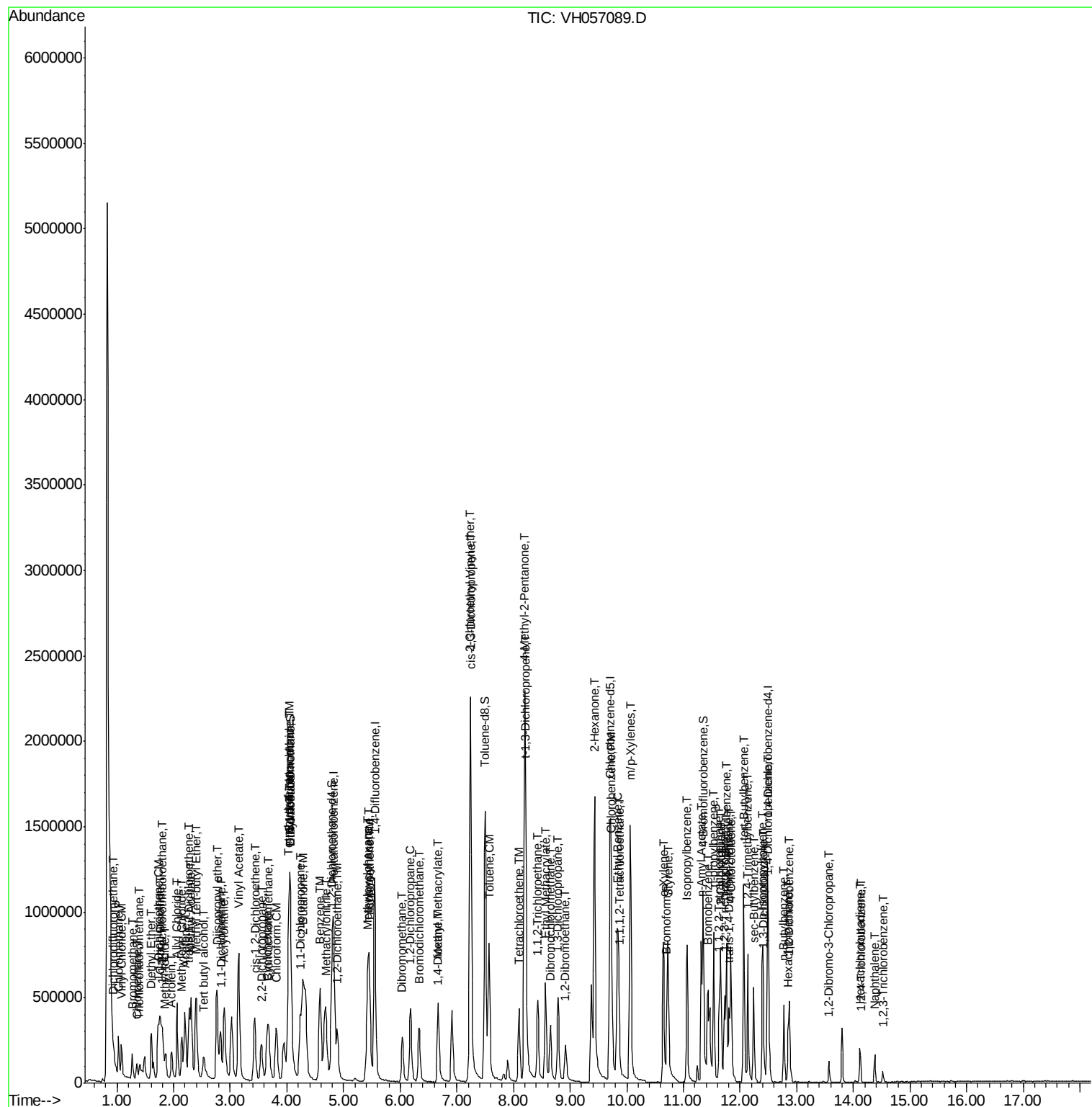
Quant Time: Sep 22 04:37:07 2015
Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:34:01 2015
Response via : Initial Calibration

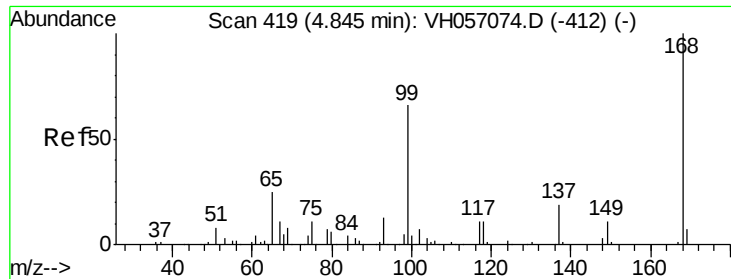
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.13	180	32036	19.10	ug/l	95
94) Hexachlorobutadiene	14.12	225	22061	24.75	ug/l	95
95) Naphthalene	14.38	128	121556	18.87	ug/l	94
96) 1,2,3-Trichlorobenzene	14.52	180	20108	19.28	ug/l	94

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

Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS01

Quant Time: Sep 22 04:37:07 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.82 min Scan# 417

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

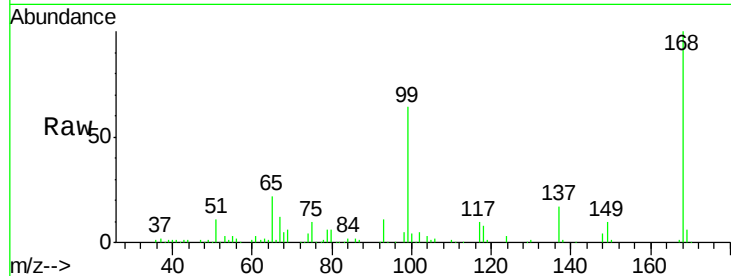
VH0921MBS01

Tgt Ion:168 Resp: 716049

Ion Ratio Lower Upper

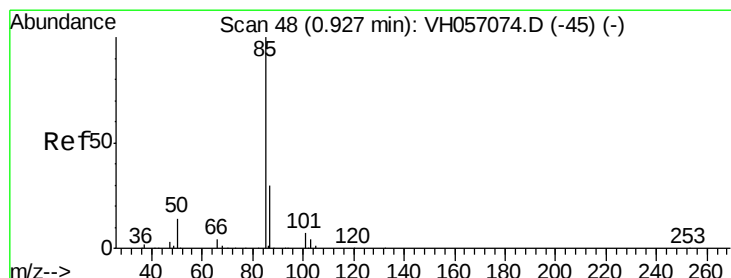
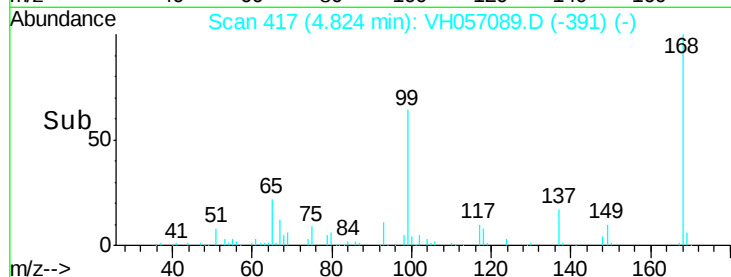
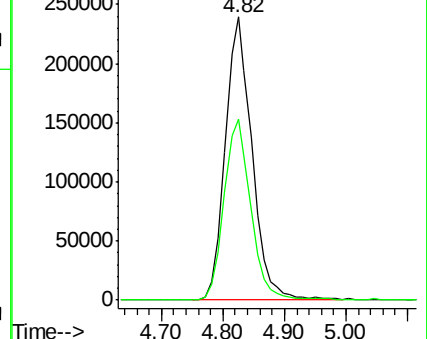
168 100

99 63.9 55.8 83.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VHC



#2

Dichlorodifluoromethane

Concen: 21.51 ug/l

RT: 0.93 min Scan# 48

Delta R.T. 0.00 min

Lab File: VH057089.D

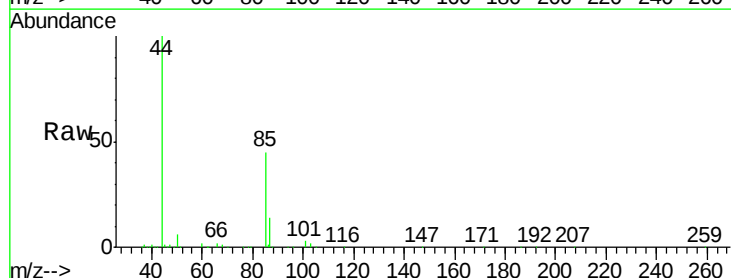
Acq: 21 Sep 2015 12:29

Tgt Ion: 85 Resp: 191372

Ion Ratio Lower Upper

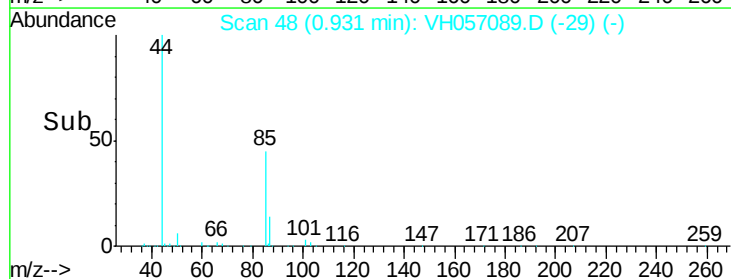
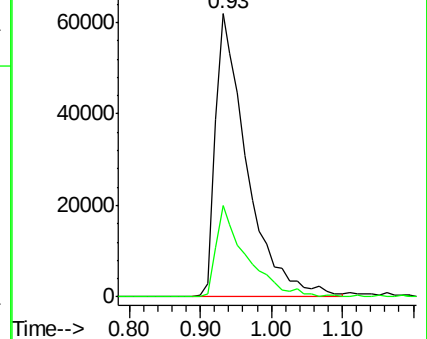
85 100

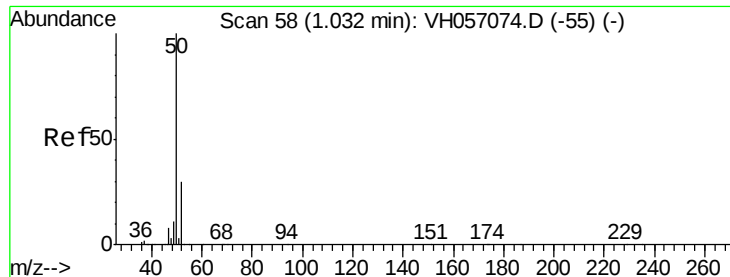
87 32.2 16.0 47.9



Abundance Ion 85.00 (84.70 to 85.70): VHC

Ion 87.00 (86.70 to 87.70): VHC





#3

Chloromethane

Concen: 19.63 ug/l

RT: 1.03 min Scan# 57

Delta R.T. -0.01 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

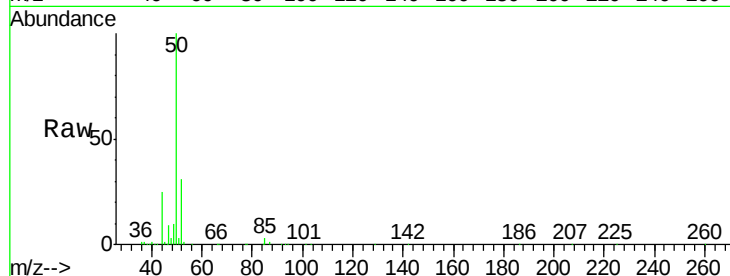
VH0921MBS01

Tgt Ion: 50 Resp: 223626

Ion Ratio Lower Upper

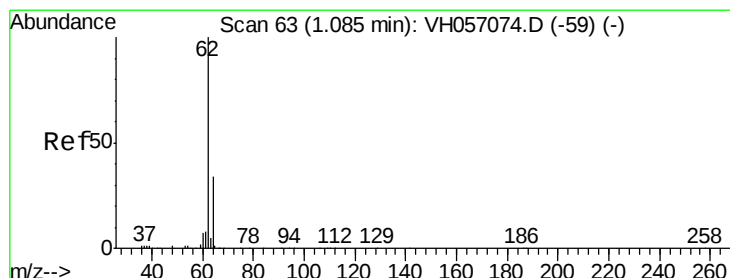
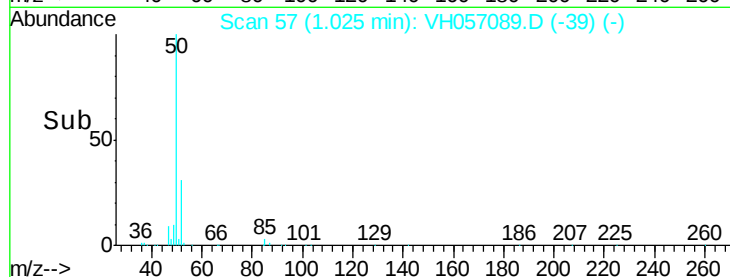
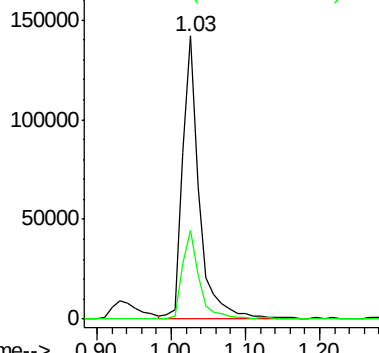
50 100

52 31.2 25.8 38.8



Abundance Ion 50.00 (49.70 to 50.70): VH0

Ion 52.00 (51.70 to 52.70): VH0



#4

Vinyl Chloride

Concen: 19.68 ug/l

RT: 1.08 min Scan# 62

Delta R.T. -0.01 min

Lab File: VH057089.D

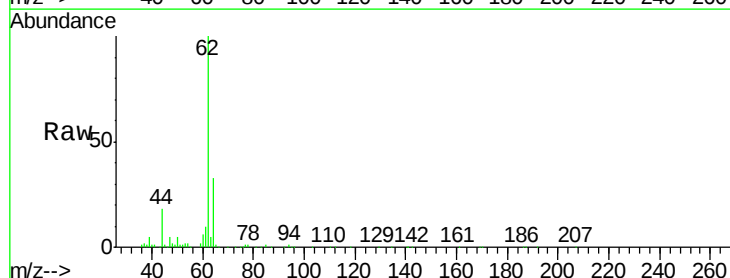
Acq: 21 Sep 2015 12:29

Tgt Ion: 62 Resp: 185363

Ion Ratio Lower Upper

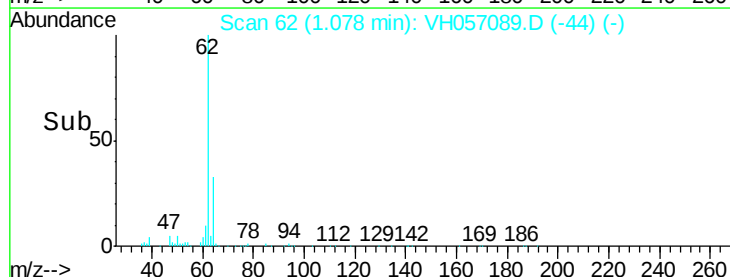
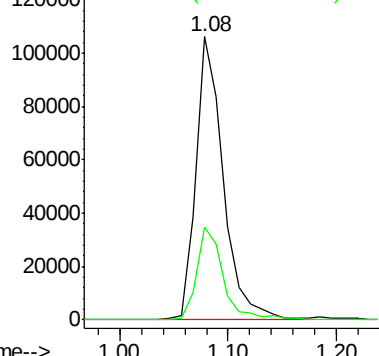
62 100

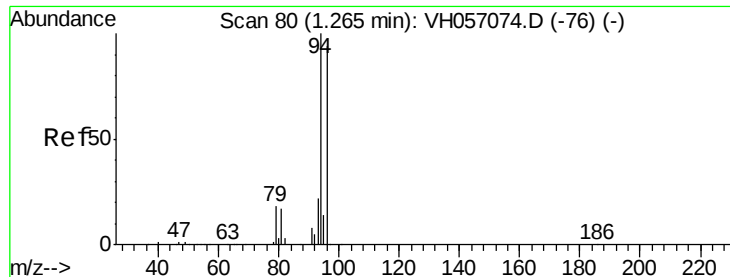
64 32.8 26.6 40.0



Abundance Ion 62.00 (61.70 to 62.70): VH0

Ion 64.00 (63.70 to 64.70): VH0





#5

Bromomethane

Concen: 21.40 ug/l

RT: 1.27 min Scan# 80

Delta R.T. 0.01 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

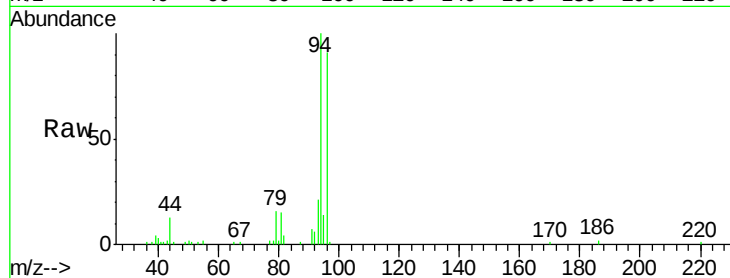
VH0921MBS01

Tgt Ion: 94 Resp: 101000

Ion Ratio Lower Upper

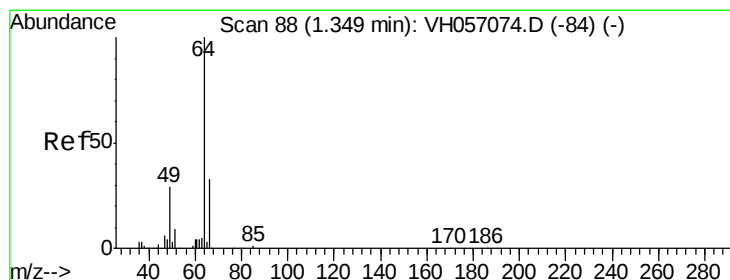
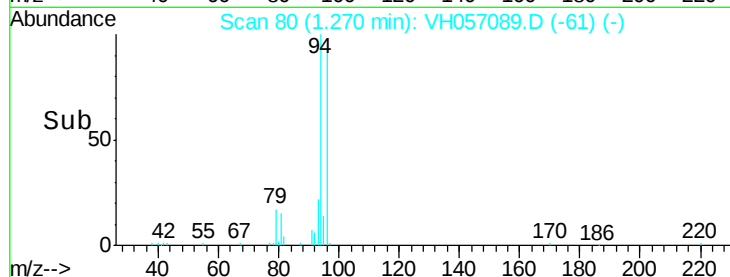
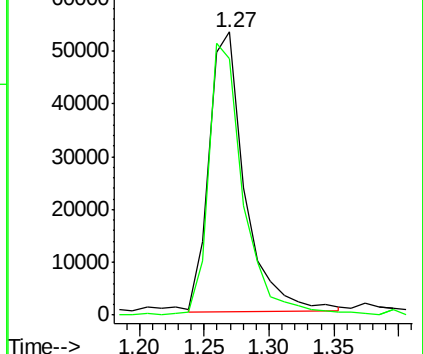
94 100

96 90.7 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: 21.86 ug/l

RT: 1.34 min Scan# 87

Delta R.T. -0.00 min

Lab File: VH057089.D

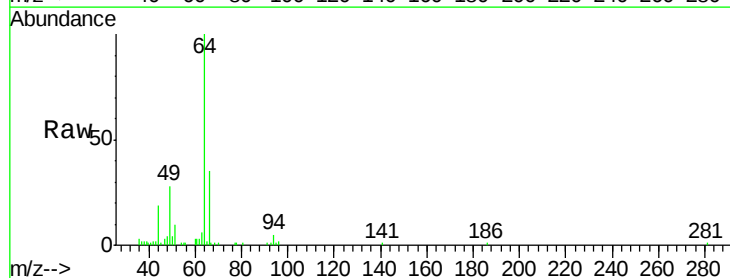
Acq: 21 Sep 2015 12:29

Tgt Ion: 64 Resp: 92819

Ion Ratio Lower Upper

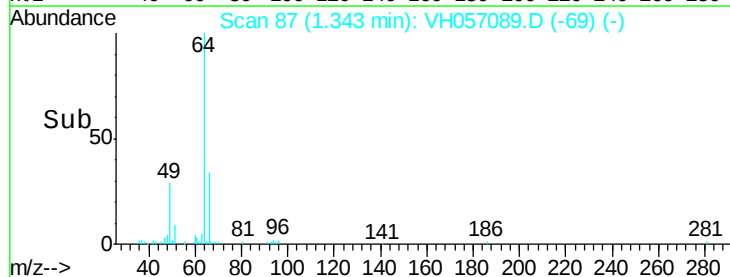
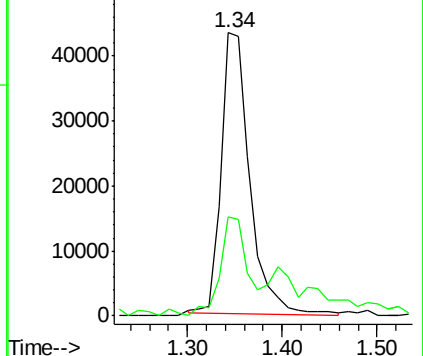
64 100

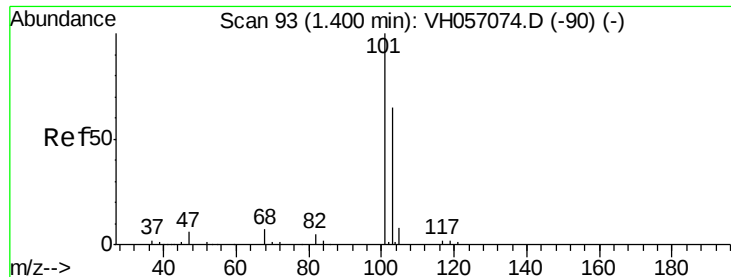
66 34.9 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VH0

Ion 66.00 (65.70 to 66.70): VH0





#7

Trichlorofluoromethane

Concen: 9.42 ug/l

RT: 1.40 min Scan# 92

Delta R.T. -0.01 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

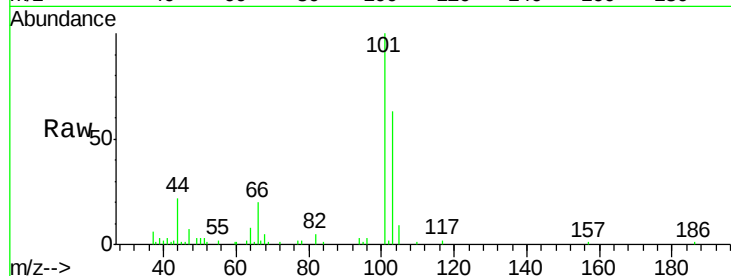
VH0921MBS01

Tgt Ion:101 Resp: 82980

Ion Ratio Lower Upper

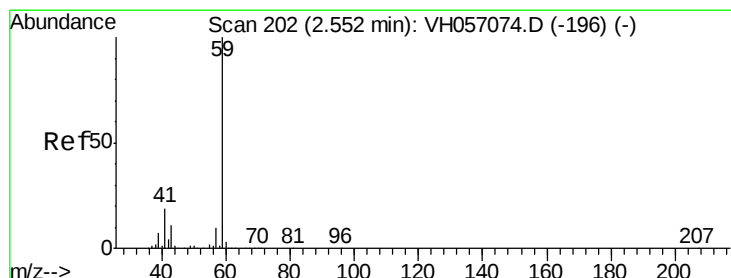
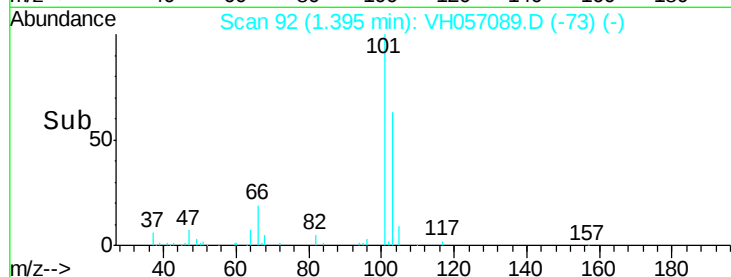
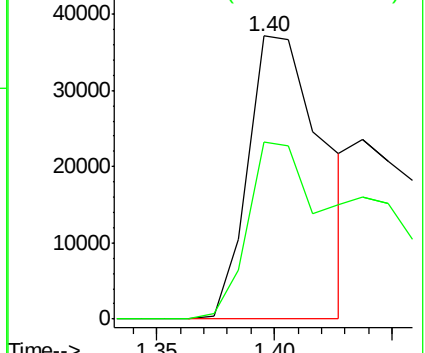
101 100

103 62.6 54.9 82.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Tert butyl alcohol

Concen: 101.66 ug/l

RT: 2.53 min Scan# 199

Delta R.T. -0.03 min

Lab File: VH057089.D

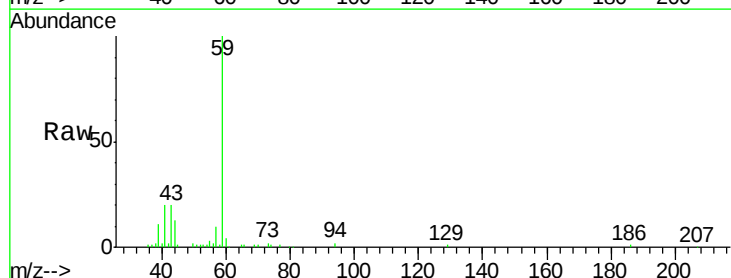
Acq: 21 Sep 2015 12:29

Tgt Ion: 59 Resp: 233390

Ion Ratio Lower Upper

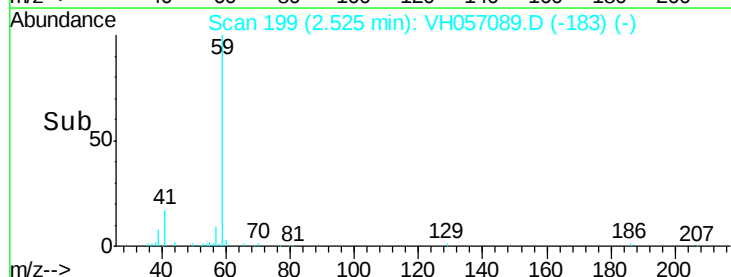
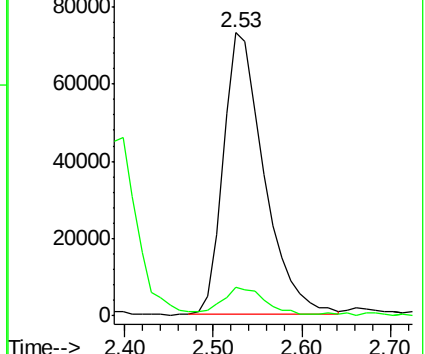
59 100

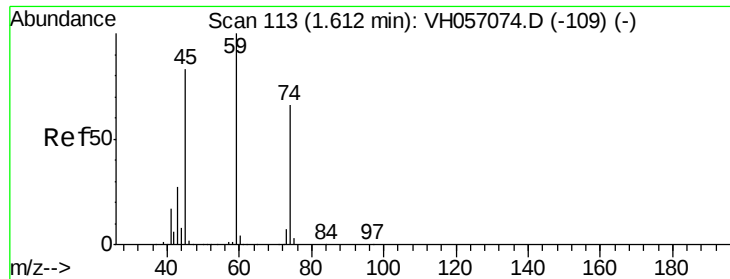
57 10.2 9.0 11.0



Abundance Ion 59.00 (58.70 to 59.70): VH0

Ion 57.00 (56.70 to 57.70): VH0





#9

Diethyl Ether

Concen: 22.67 ug/l

RT: 1.61 min Scan# 112

Delta R.T. -0.01 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

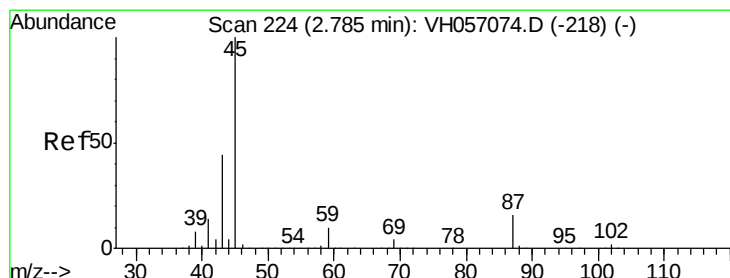
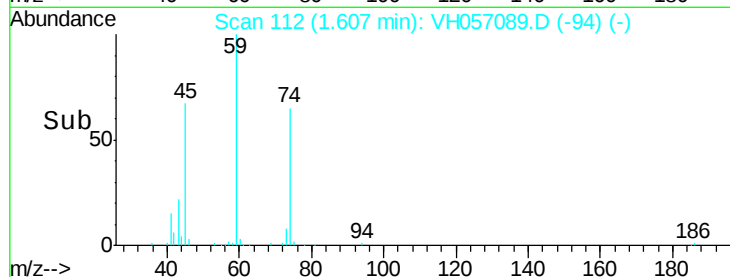
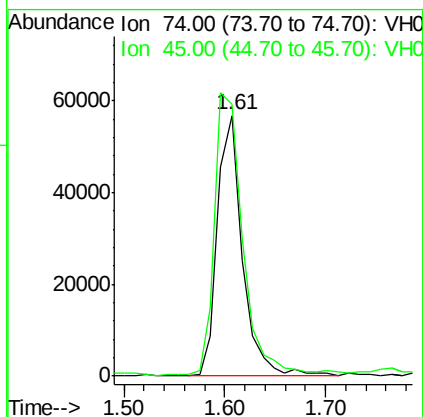
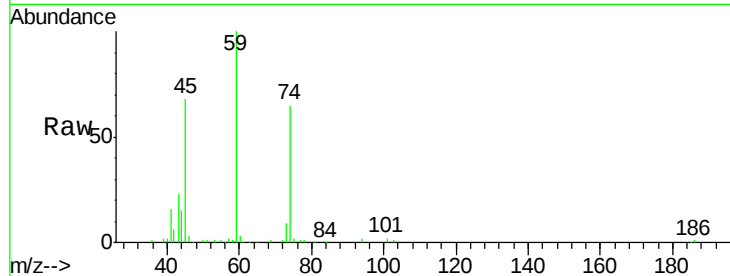
VH0921MBS01

Tgt Ion: 74 Resp: 98726

Ion Ratio Lower Upper

74 100

45 104.4 0.0 304.4



#10

Diisopropyl ether

Concen: 19.50 ug/l

RT: 2.77 min Scan# 222

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Tgt Ion: 45 Resp: 622507

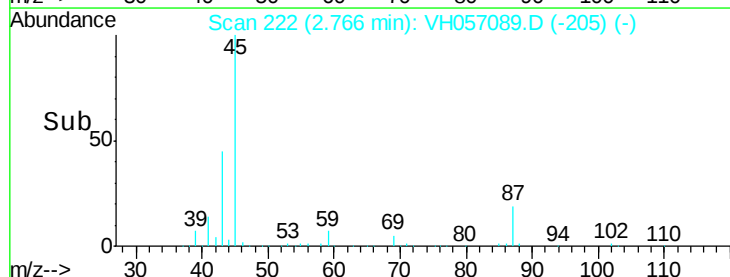
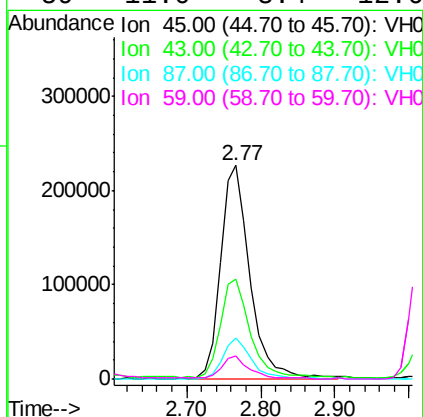
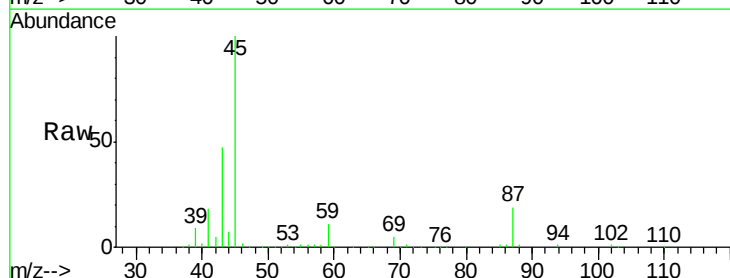
Ion Ratio Lower Upper

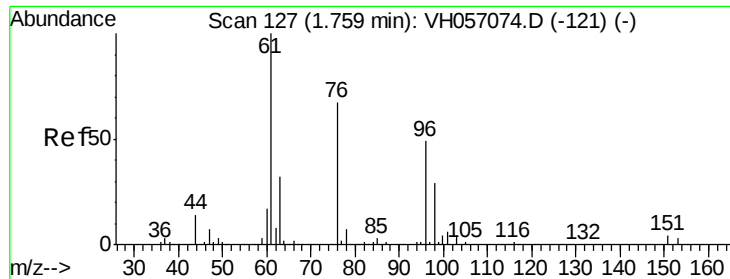
45 100

43 46.7 34.6 52.0

87 19.1 12.6 19.0#

59 11.0 8.4 12.6

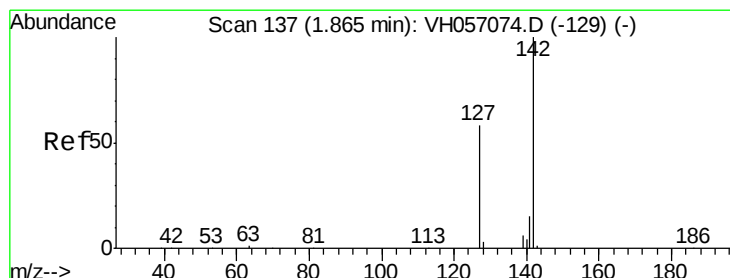
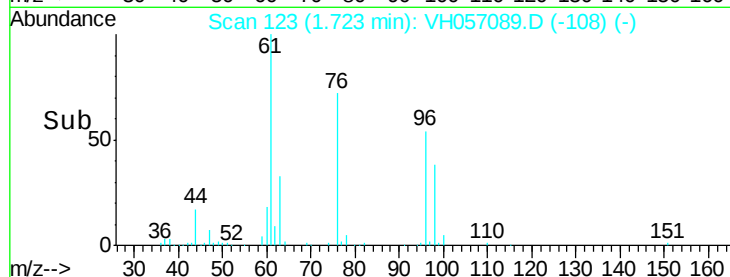
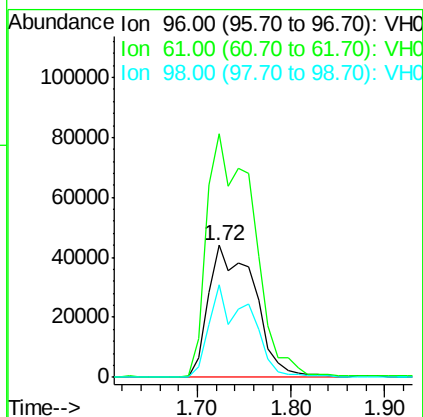
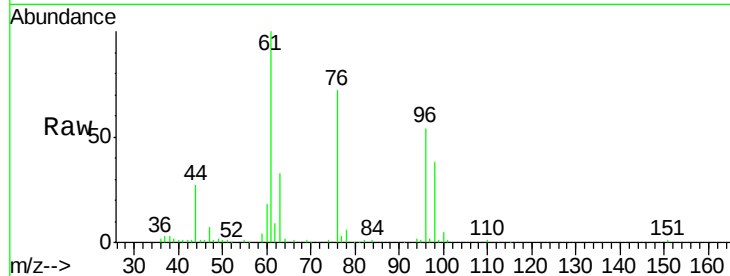




#11
 1,1-Dichloroethene
 Concen: 22.72 ug/l
 RT: 1.72 min Scan# 123
 Delta R.T. -0.04 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

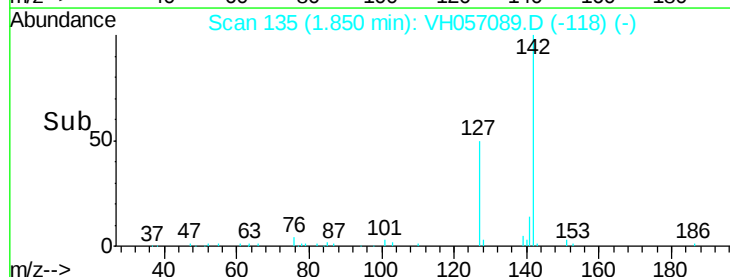
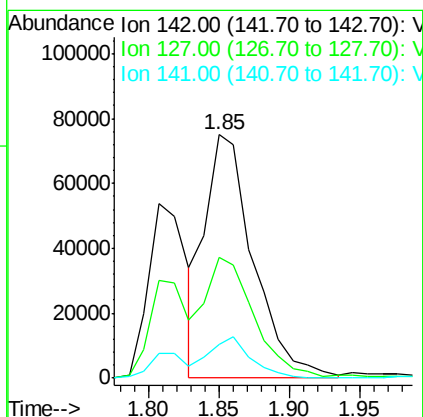
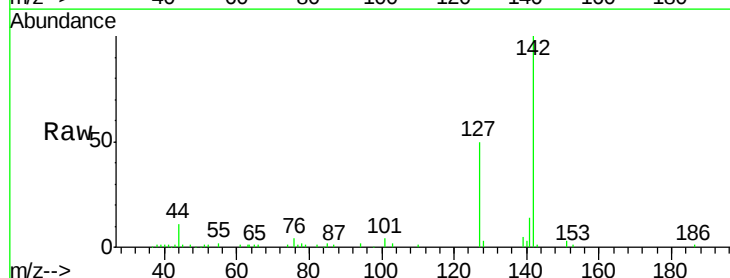
Instrument :
 MSVOA_H
 ClientSampleId :
 VH0921MBS01

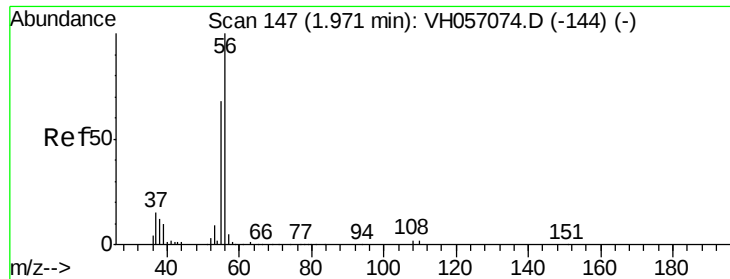
Tgt Ion: 96 Resp: 150109
 Ion Ratio Lower Upper
 96 100
 61 184.2 158.4 237.6
 98 70.0 50.6 75.8



#12
 Methyl Iodide
 Concen: 15.28 ug/l
 RT: 1.85 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

Tgt Ion: 142 Resp: 177897
 Ion Ratio Lower Upper
 142 100
 127 49.6 30.0 90.1
 141 14.0 7.1 21.4





#13

Acrolein

Concen: 109.71 ug/l

RT: 1.97 min Scan# 146

Delta R.T. -0.00 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

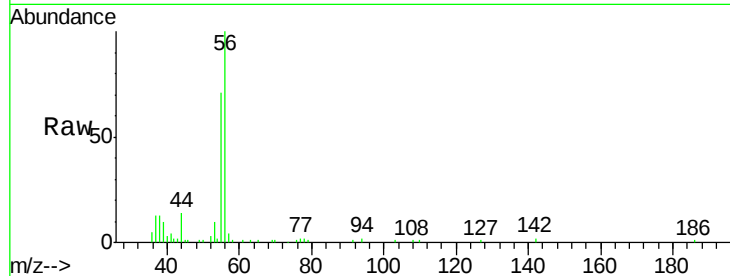
VH0921MBS01

Tgt Ion: 56 Resp: 150618

Ion Ratio Lower Upper

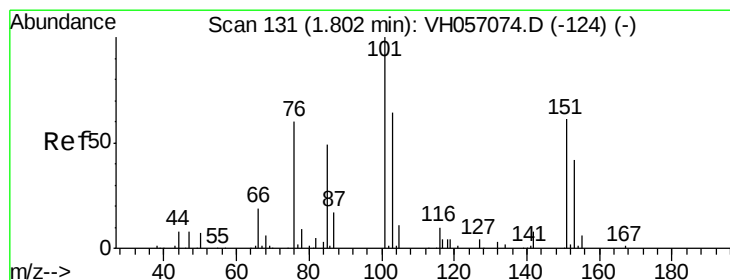
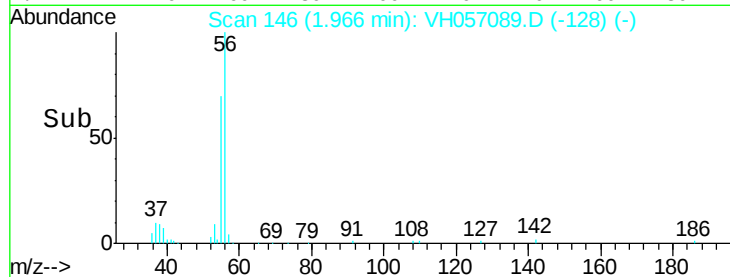
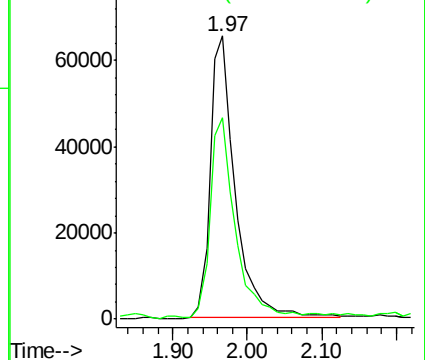
56 100

55 71.0 52.9 79.3



Abundance Ion 56.00 (55.70 to 56.70): VH0

Ion 55.00 (54.70 to 55.70): VH0



#14

1,1,2-Trichlorotrifluoroethane

Concen: 22.74 ug/l

RT: 1.80 min Scan# 130

Delta R.T. -0.00 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

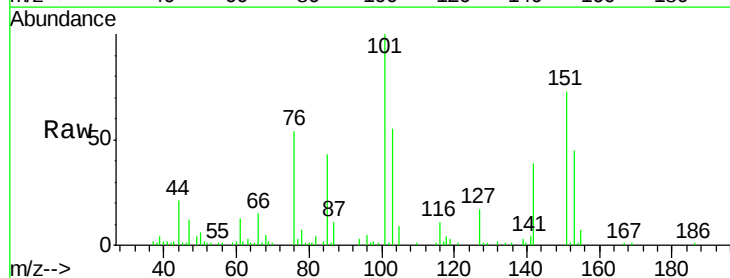
Tgt Ion: 101 Resp: 146304

Ion Ratio Lower Upper

101 100

85 43.1 37.9 56.9

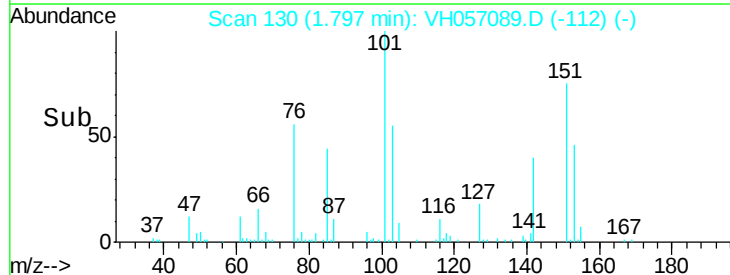
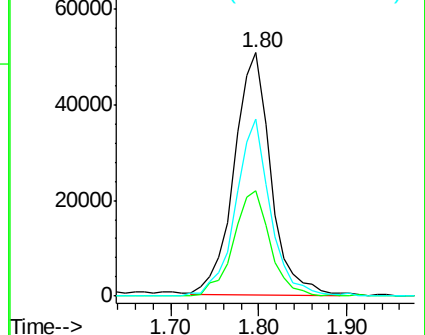
151 72.6 50.6 76.0

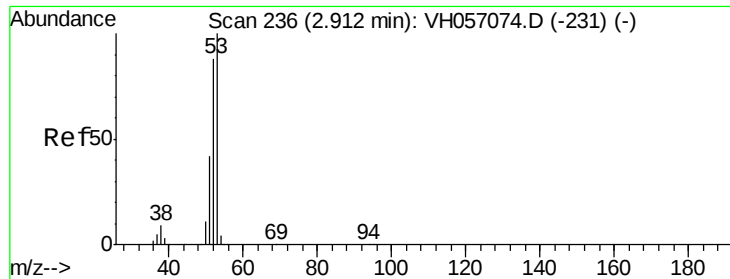


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VH0

Ion 151.00 (150.70 to 151.70): V





#15

Acrylonitrile

Concen: 99.58 ug/l

RT: 2.89 min Scan# 234

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

VH0921MBS01

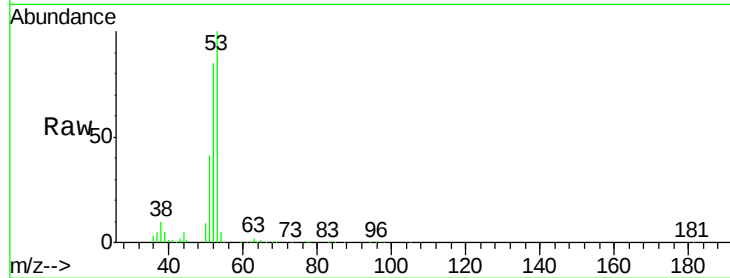
Tgt Ion: 53 Resp: 416963

Ion Ratio Lower Upper

53 100

52 85.5 67.6 101.4

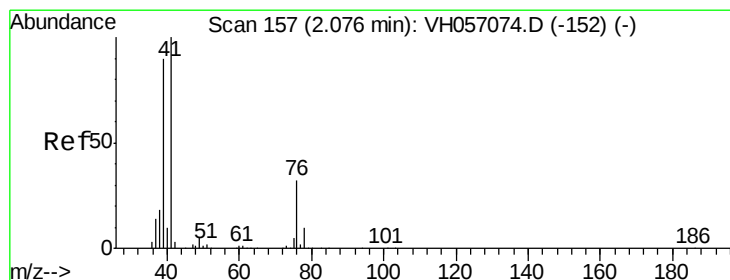
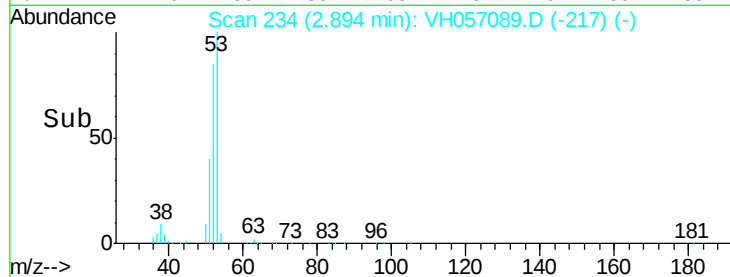
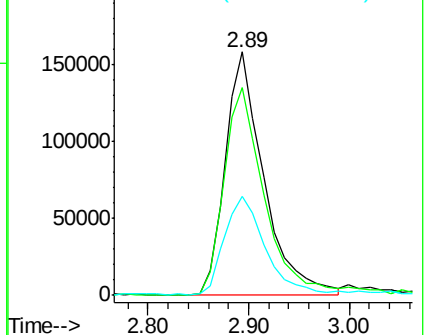
51 40.5 31.8 47.6



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: 20.88 ug/l

RT: 2.06 min Scan# 155

Delta R.T. -0.01 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

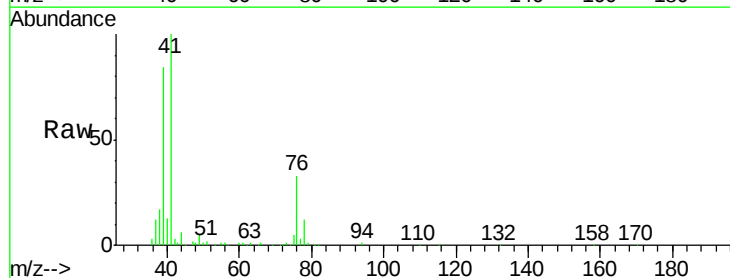
Tgt Ion: 41 Resp: 284370

Ion Ratio Lower Upper

41 100

39 83.6 41.0 123.2

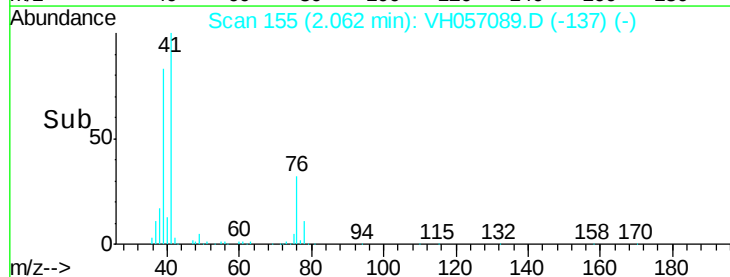
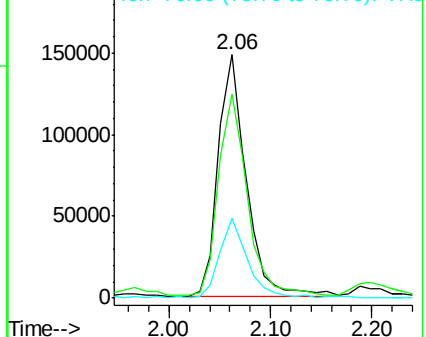
76 32.7 14.3 42.9

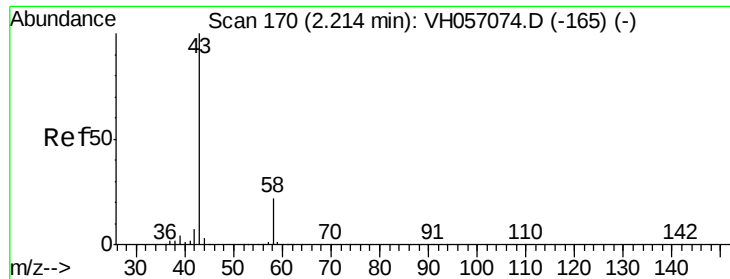


Abundance Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

Ion 76.00 (75.70 to 76.70): VH0





#17

Acetone

Concen: 84.58 ug/l

RT: 2.20 min Scan# 168

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

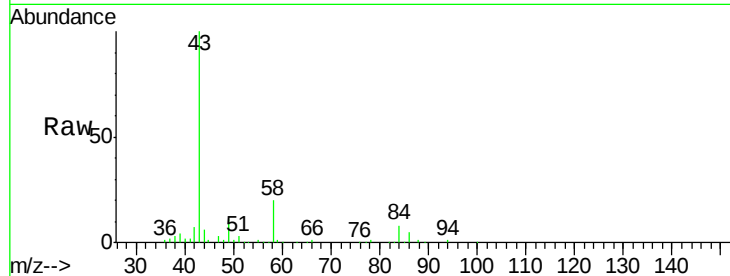
VH0921MBS01

Tgt Ion: 43 Resp: 543988

Ion Ratio Lower Upper

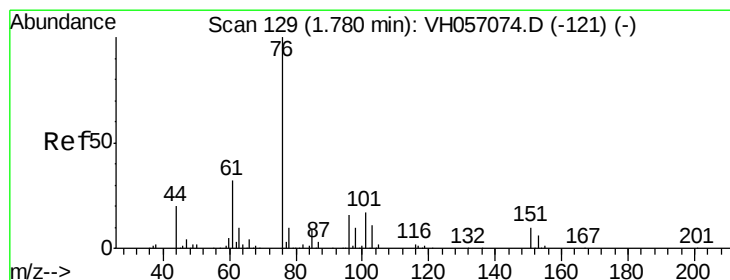
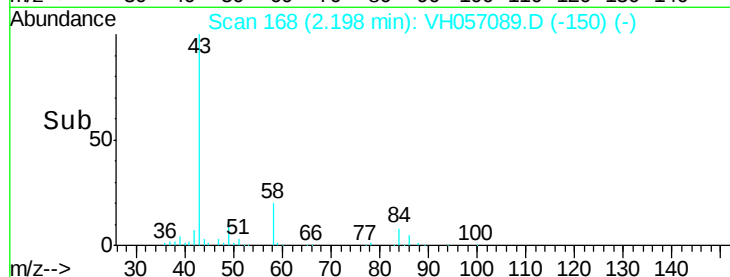
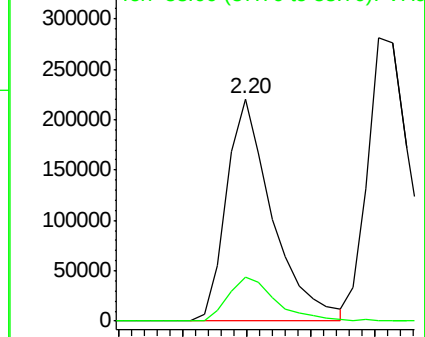
43 100

58 19.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 58.00 (57.70 to 58.70): VH0



#18

Carbon Disulfide

Concen: 23.24 ug/l

RT: 1.77 min Scan# 127

Delta R.T. -0.02 min

Lab File: VH057089.D

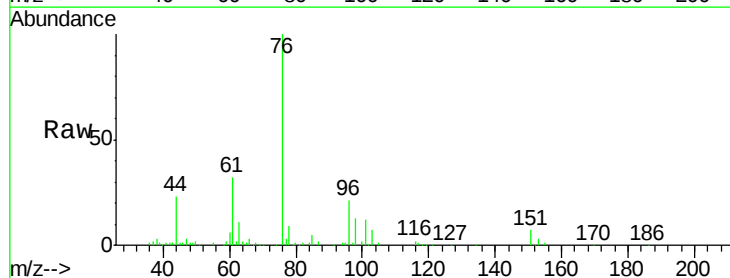
Acq: 21 Sep 2015 12:29

Tgt Ion: 76 Resp: 452671

Ion Ratio Lower Upper

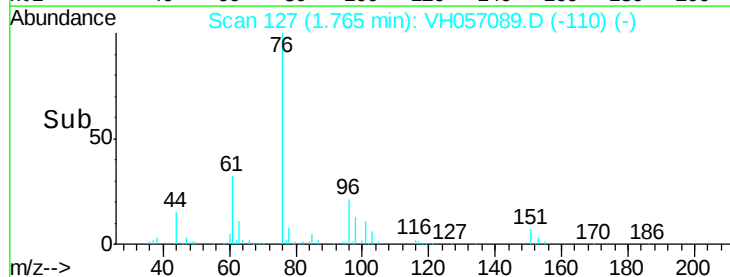
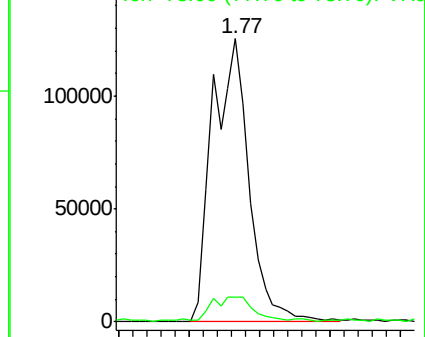
76 100

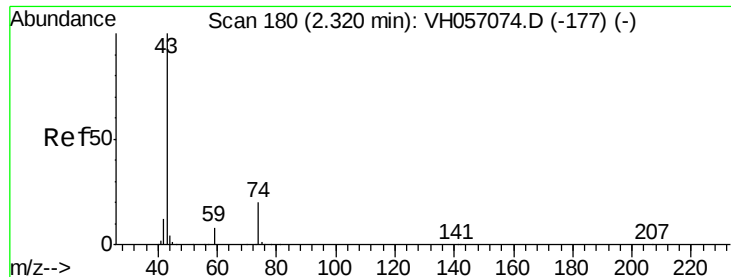
78 8.9 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VH0

Ion 78.00 (77.70 to 78.70): VH0

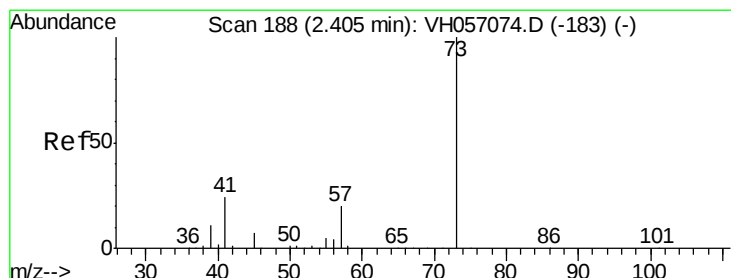
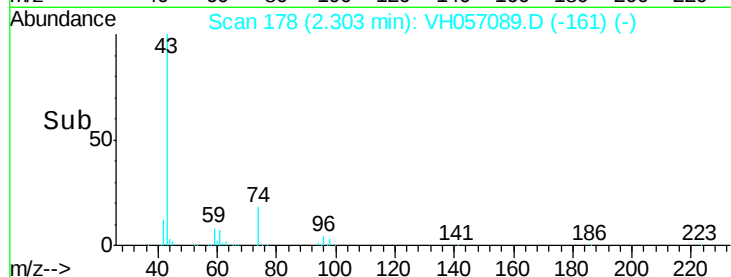
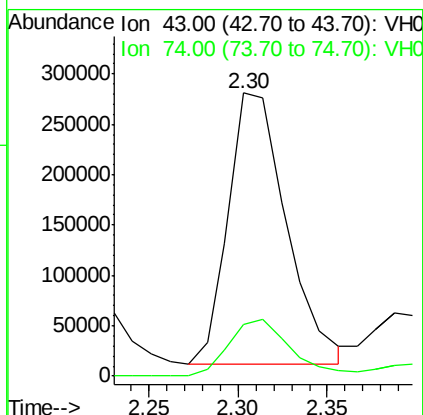
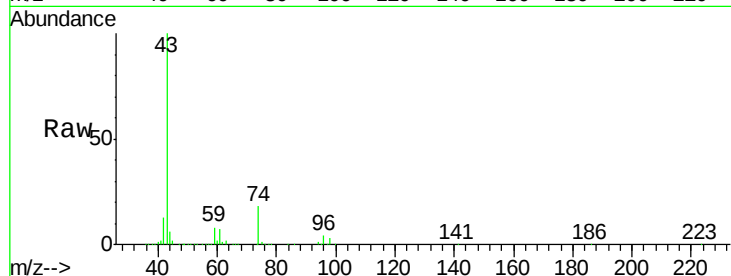




#19
Methyl Acetate
Concen: 18.18 ug/l
RT: 2.30 min Scan# 178
Delta R.T. -0.02 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

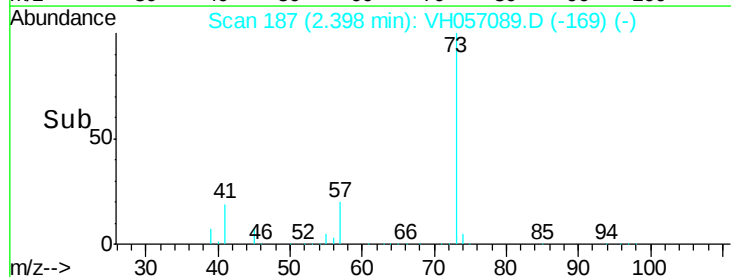
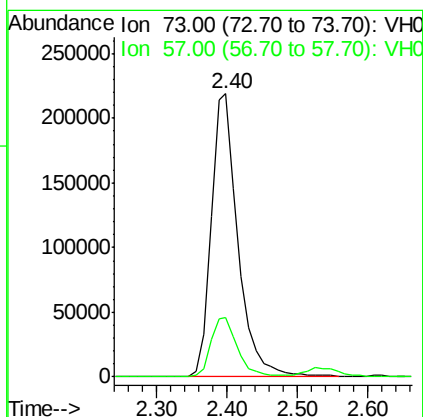
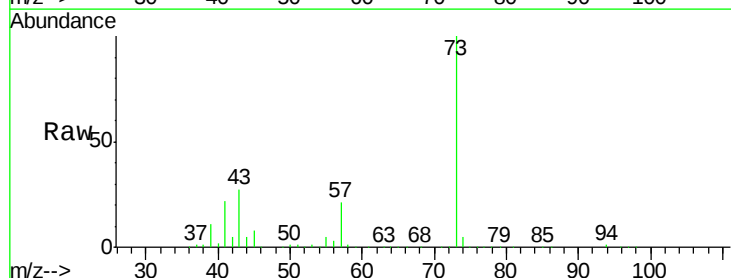
Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS01

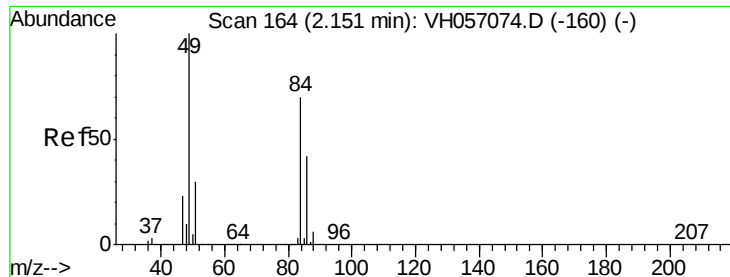
Tgt Ion: 43 Resp: 604884
Ion Ratio Lower Upper
43 100
74 18.4 13.3 24.7



#20
Methyl tert-butyl Ether
Concen: 21.95 ug/l
RT: 2.40 min Scan# 187
Delta R.T. -0.01 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

Tgt Ion: 73 Resp: 580592
Ion Ratio Lower Upper
73 100
57 21.0 18.0 27.0

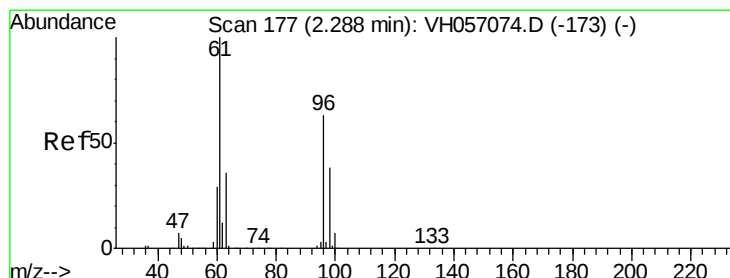
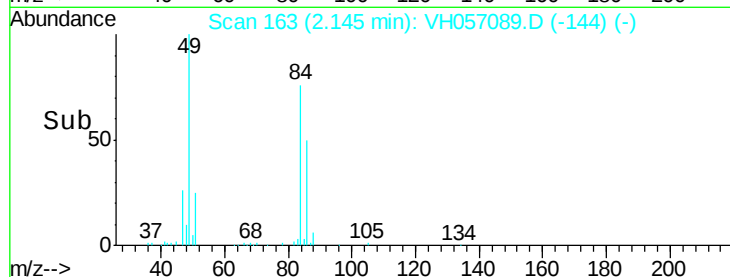
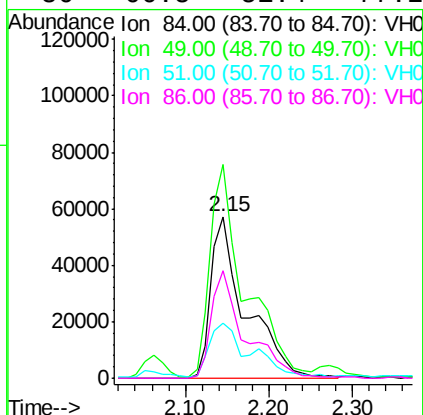
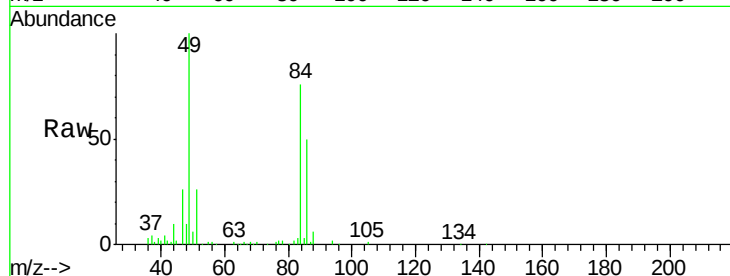




#21
Methylene Chloride
Concen: 22.79 ug/l
RT: 2.15 min Scan# 163
Delta R.T. -0.01 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

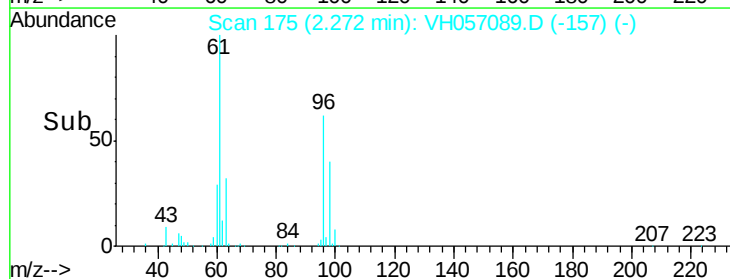
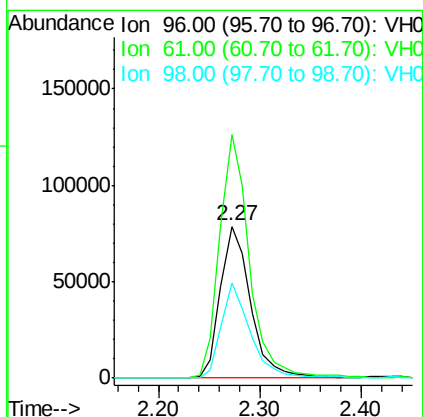
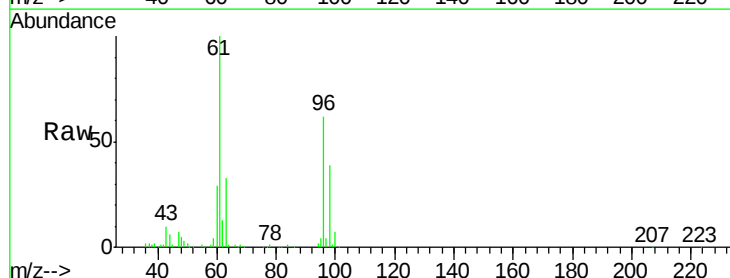
Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS01

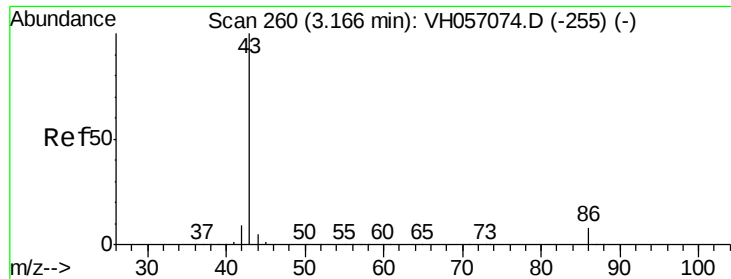
Tgt Ion: 84 Resp: 164723
Ion Ratio Lower Upper
84 100
49 132.3 132.8 199.2#
51 34.0 39.5 59.3#
86 66.5 51.4 77.2



#22
trans-1,2-Dichloroethene
Concen: 22.84 ug/l
RT: 2.27 min Scan# 175
Delta R.T. -0.02 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

Tgt Ion: 96 Resp: 165817
Ion Ratio Lower Upper
96 100
61 160.8 131.7 197.5
98 63.0 49.5 74.3

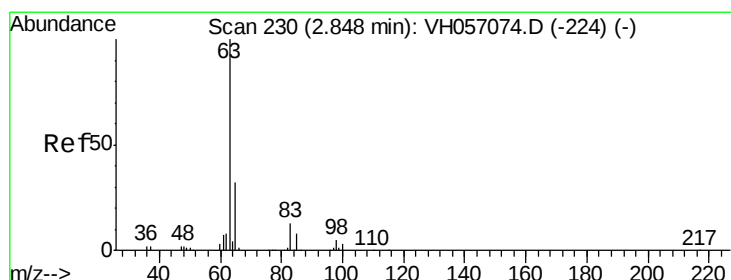
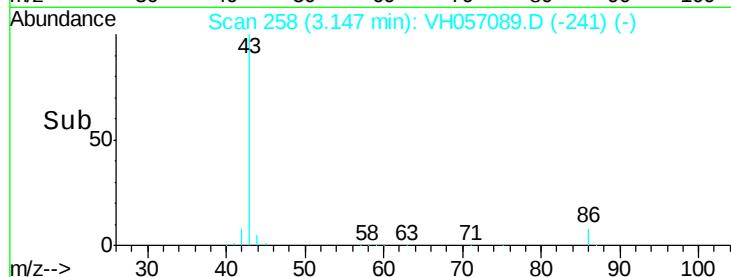
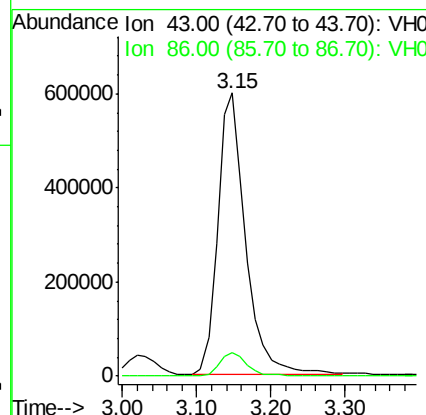
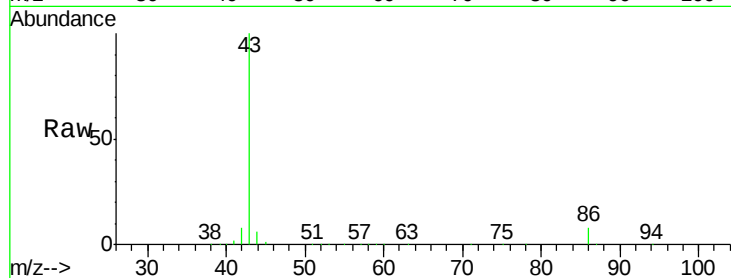




#23
 Vinyl Acetate
 Concen: 103.24 ug/l
 RT: 3.15 min Scan# 258
 Delta R.T. -0.02 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

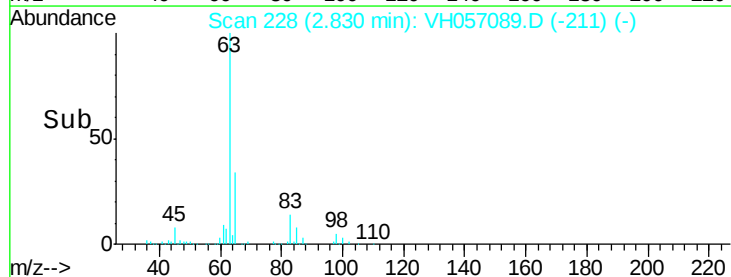
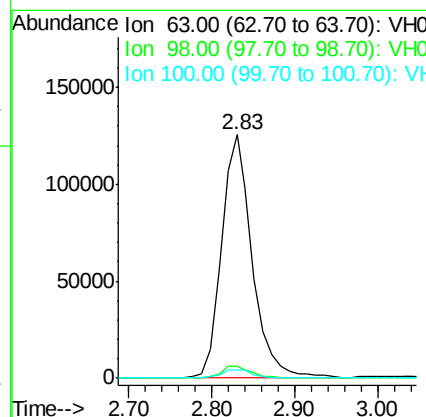
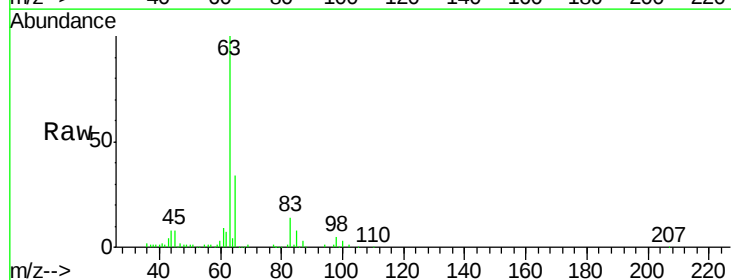
Instrument :
 MSVOA_H
 ClientSampleId :
 VH0921MBS01

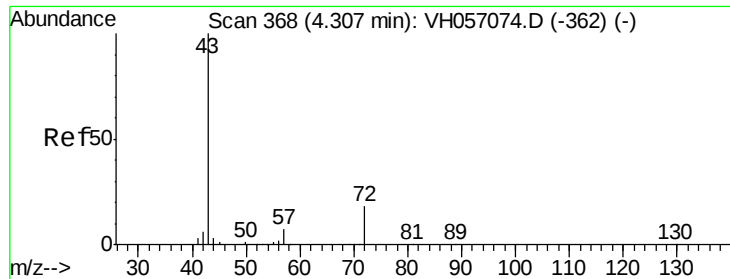
Tgt Ion: 43 Resp: 1559717
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.2 9.2



#24
 1,1-Dichloroethane
 Concen: 20.25 ug/l
 RT: 2.83 min Scan# 228
 Delta R.T. -0.02 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

Tgt Ion: 63 Resp: 318328
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.6 7.8
 100 3.4 1.7 5.0





#25

2-Butanone

Concen: 103.27 ug/l

RT: 4.29 min Scan# 366

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

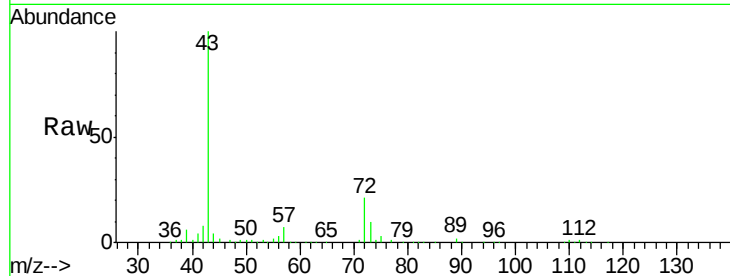
VH0921MBS01

Tgt Ion: 43 Resp: 1226687

Ion Ratio Lower Upper

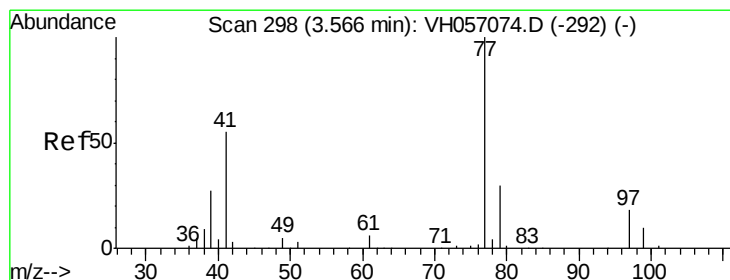
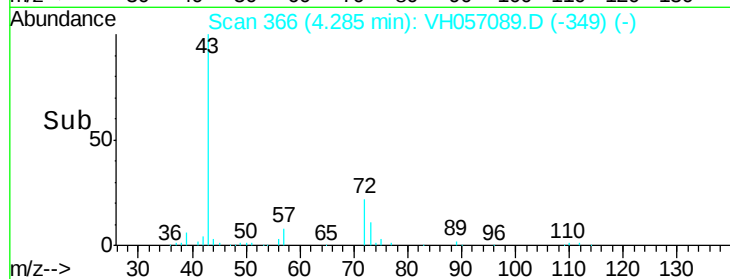
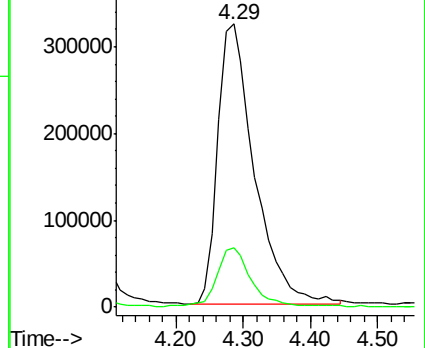
43 100

72 20.9 0.0 39.2



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 72.00 (71.70 to 72.70): VH0



#26

2,2-Dichloropropane

Concen: 22.25 ug/l

RT: 3.56 min Scan# 297

Delta R.T. -0.01 min

Lab File: VH057089.D

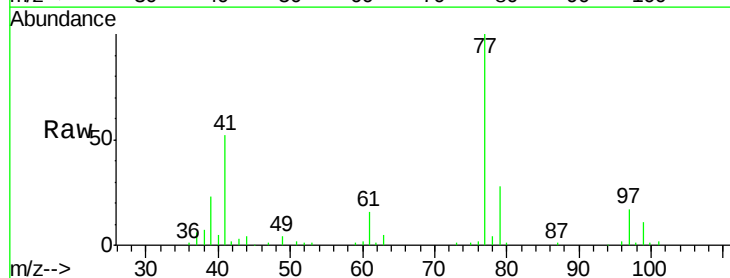
Acq: 21 Sep 2015 12:29

Tgt Ion: 77 Resp: 219598

Ion Ratio Lower Upper

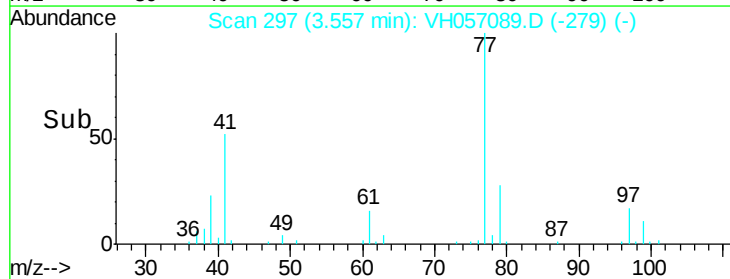
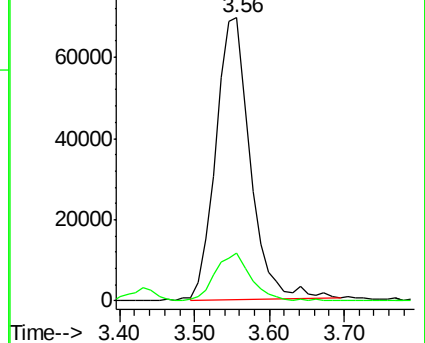
77 100

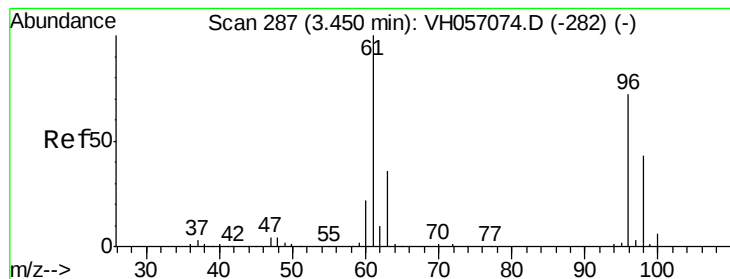
97 17.0 8.8 26.4



Abundance Ion 77.00 (76.70 to 77.70): VH0

Ion 97.00 (96.70 to 97.70): VH0





#27

cis-1,2-Dichloroethene

Concen: 22.37 ug/l

RT: 3.43 min Scan# 285

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

VH0921MBS01

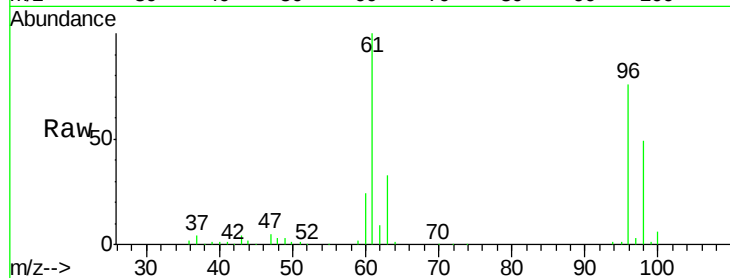
Tgt Ion: 96 Resp: 226836

Ion Ratio Lower Upper

96 100

61 131.5 115.4 173.0

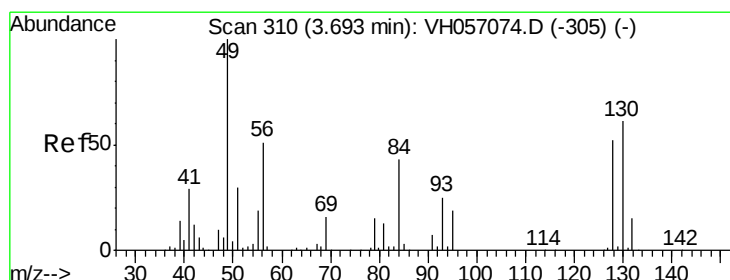
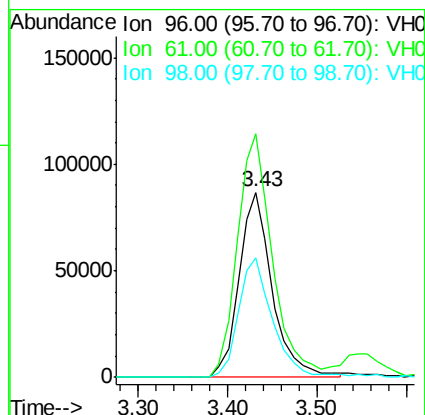
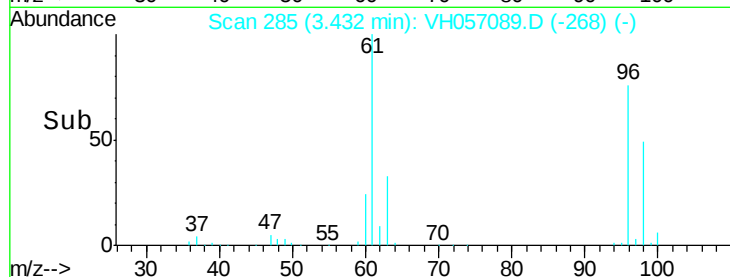
98 64.4 49.7 74.5



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



#28

Bromochloromethane

Concen: 15.55 ug/l

RT: 3.67 min Scan# 308

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

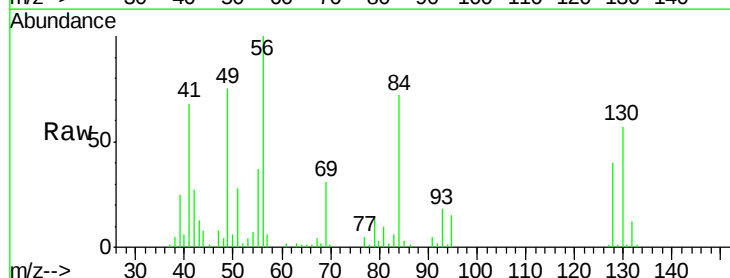
Tgt Ion: 128 Resp: 52690

Ion Ratio Lower Upper

128 100

49 186.7 0.0 441.4

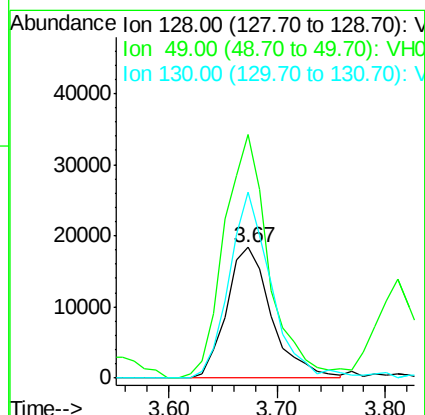
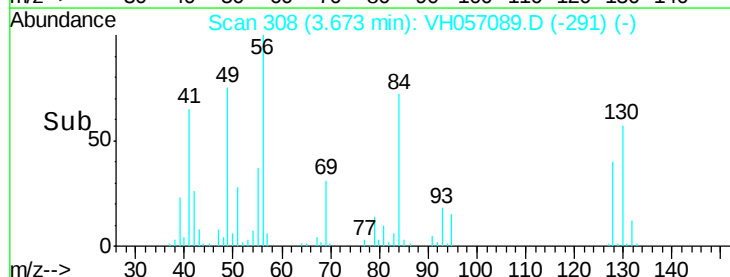
130 142.6 100.7 151.1

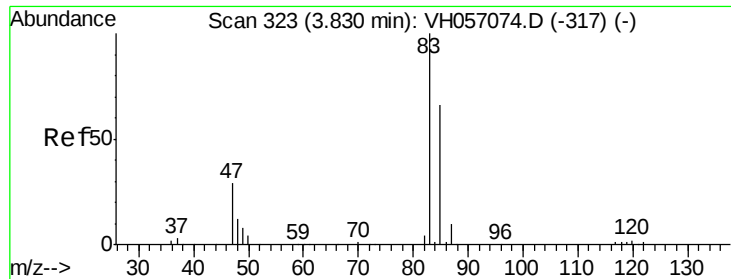


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VH0

Ion 130.00 (129.70 to 130.70): V

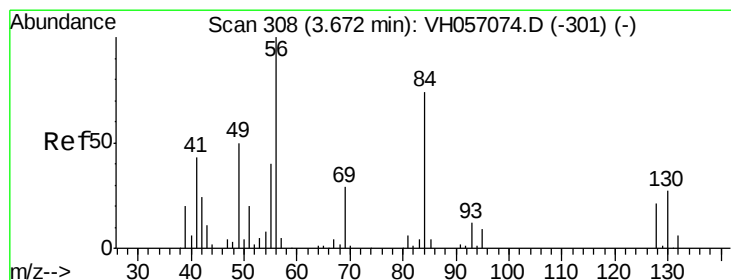
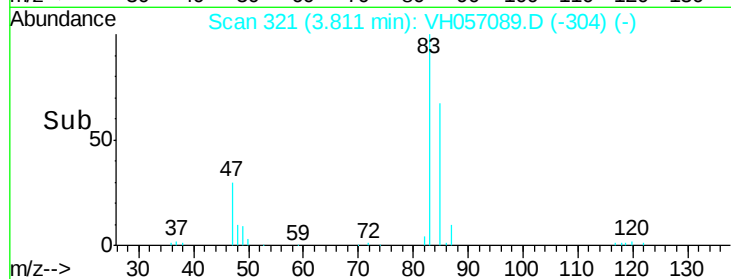
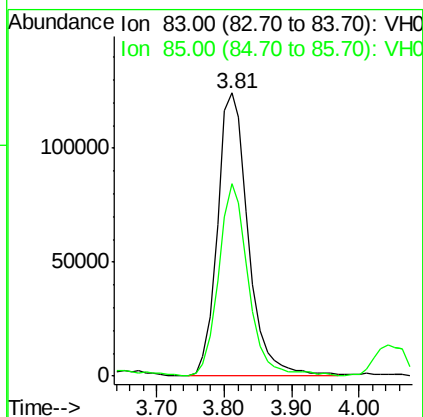
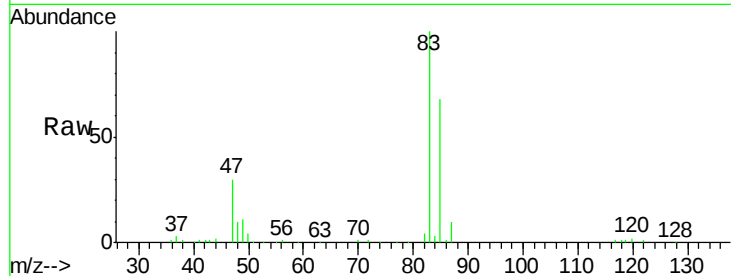




#29
Chloroform
Concen: 21.05 ug/l
RT: 3.81 min Scan# 321
Delta R.T. -0.02 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

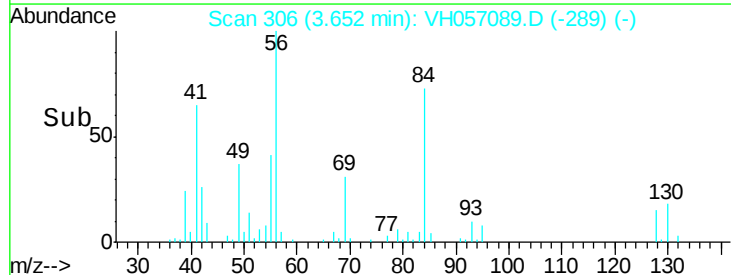
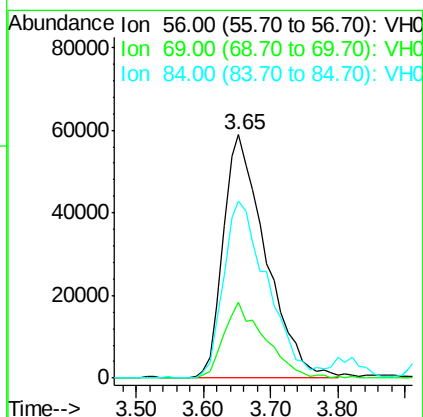
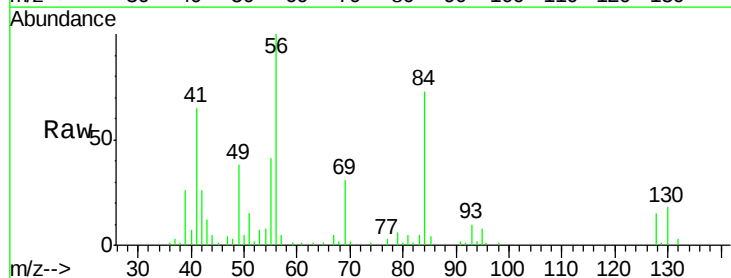
Instrument :
MSVOA_H
ClientSampled :
VH0921MBS01

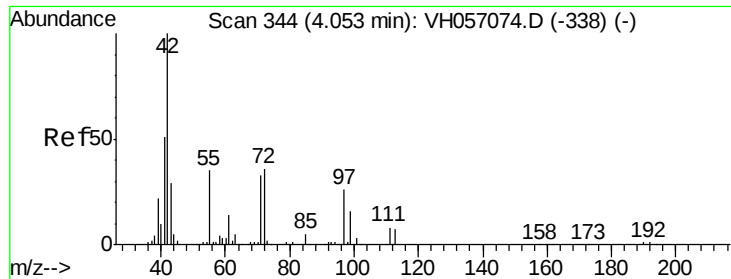
Tgt Ion: 83 Resp: 391097
Ion Ratio Lower Upper
83 100
85 67.9 54.3 81.5



#30
Cyclohexane
Concen: 20.52 ug/l
RT: 3.65 min Scan# 306
Delta R.T. -0.02 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

Tgt Ion: 56 Resp: 258426
Ion Ratio Lower Upper
56 100
69 31.0 18.1 33.7
84 72.8 0.0 136.8

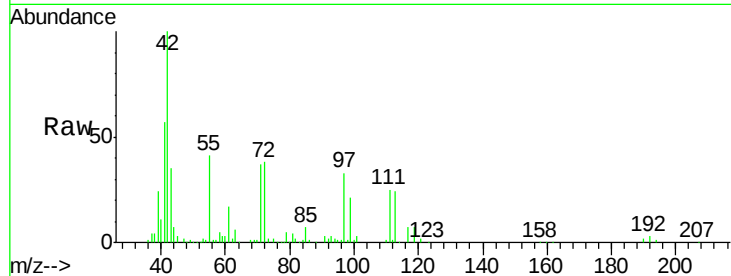




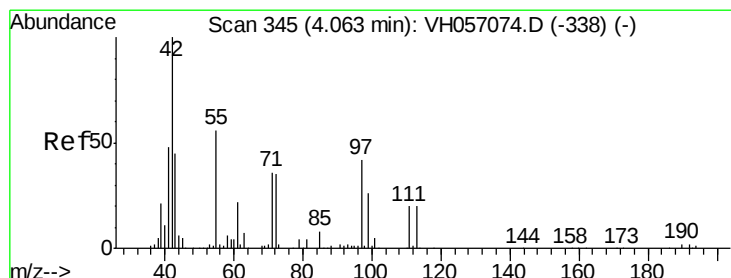
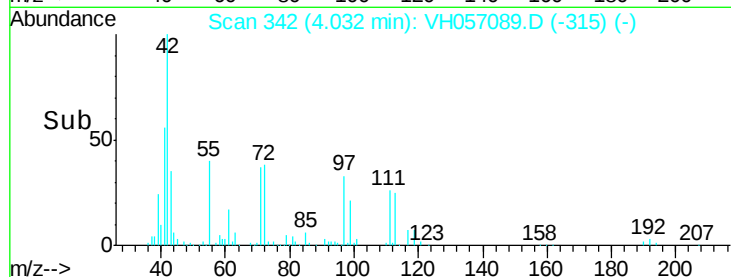
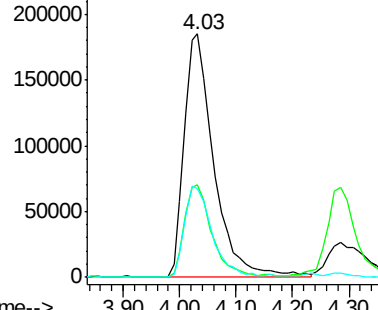
#31
Tetrahydrofuran
Concen: 100.21 ug/l
RT: 4.03 min Scan# 342
Delta R.T. -0.02 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS01

Tgt Ion: 42 Resp: 668124
Ion Ratio Lower Upper
42 100
72 36.3 25.5 38.3
71 35.6 25.4 38.0

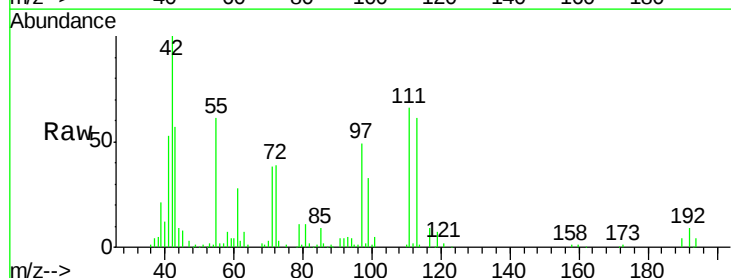


Abundance Ion 42.00 (41.70 to 42.70): VH0
Ion 72.00 (71.70 to 72.70): VH0
Ion 71.00 (70.70 to 71.70): VH0

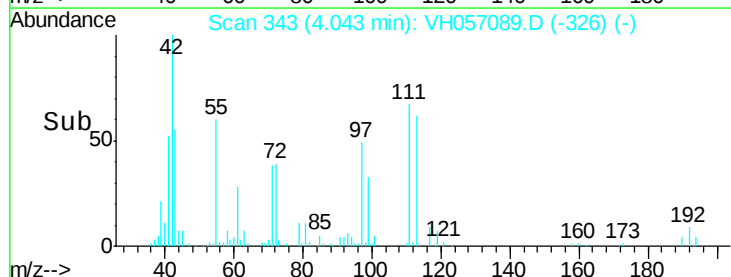
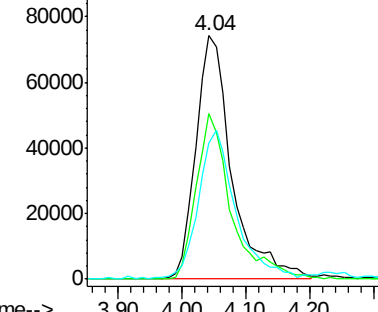


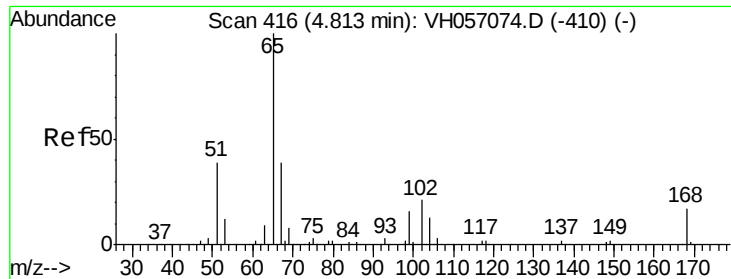
#32
1,1,1-Trichloroethane
Concen: 21.74 ug/l
RT: 4.04 min Scan# 343
Delta R.T. -0.02 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

Tgt Ion: 97 Resp: 290779
Ion Ratio Lower Upper
97 100
99 67.8 49.8 74.6
61 56.1 45.0 67.4



Abundance Ion 97.00 (96.70 to 97.70): VH0
Ion 99.00 (98.70 to 99.70): VH0
Ion 61.00 (60.70 to 61.70): VH0





#33

1,2-Dichloroethane-d4

Concen: 44.14 ug/l

RT: 4.79 min Scan# 414

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

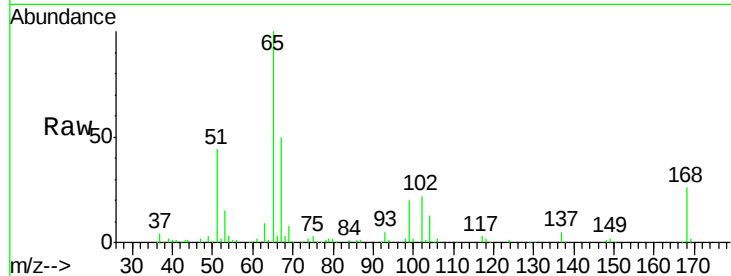
VH0921MBS01

Tgt Ion: 65 Resp: 564410

Ion Ratio Lower Upper

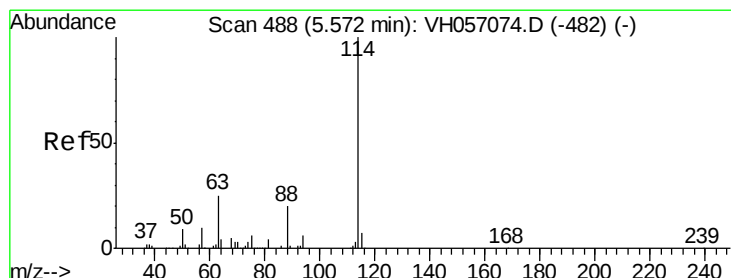
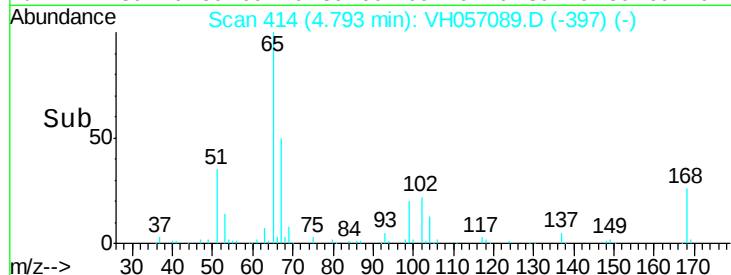
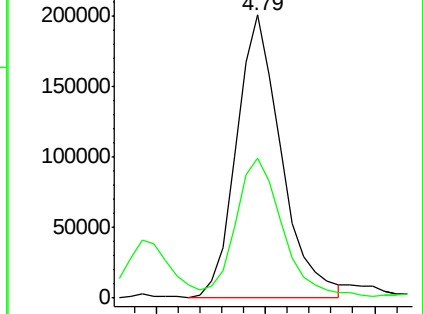
65 100

67 49.6 43.2 64.8



Abundance Ion 65.00 (64.70 to 65.70): VH0

Ion 67.00 (66.70 to 67.70): VH0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.55 min Scan# 486

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

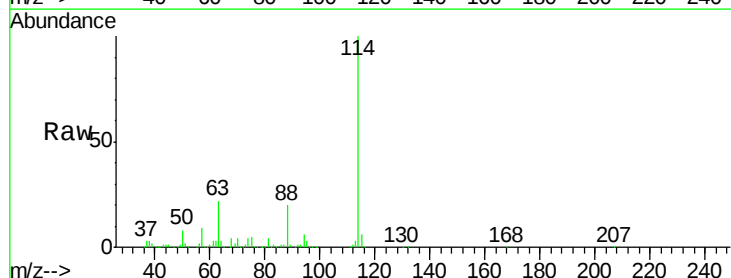
Tgt Ion: 114 Resp: 1282333

Ion Ratio Lower Upper

114 100

63 22.0 19.0 28.4

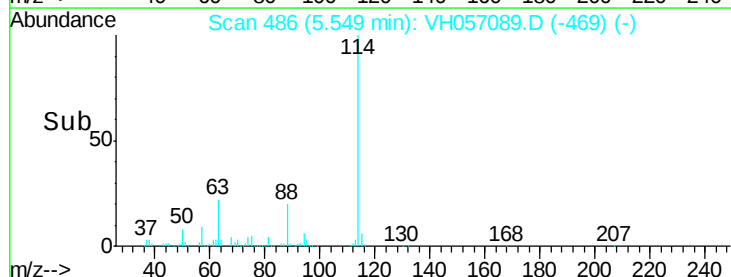
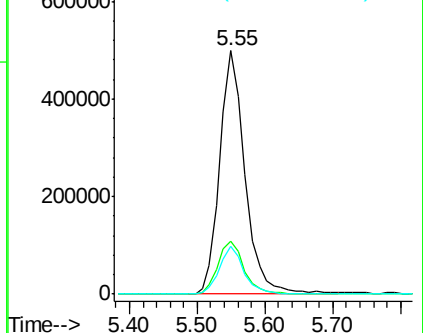
88 19.9 15.7 23.5

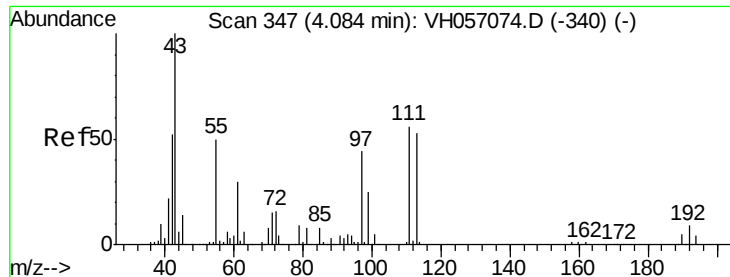


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VH0

Ion 88.00 (87.70 to 88.70): VH0





#35

Dibromofluoromethane

Concen: 47.18 ug/l

RT: 4.06 min Scan# 345

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

VH0921MBS01

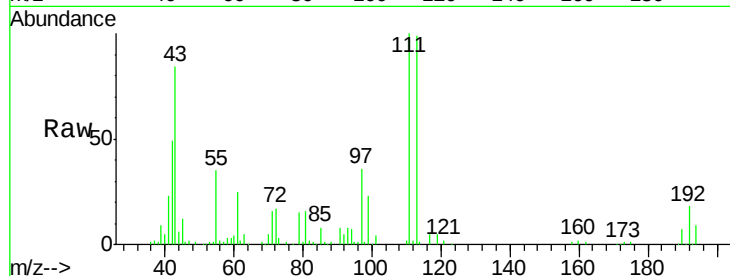
Tgt Ion:113 Resp: 481671

Ion Ratio Lower Upper

113 100

111 100.8 84.0 126.0

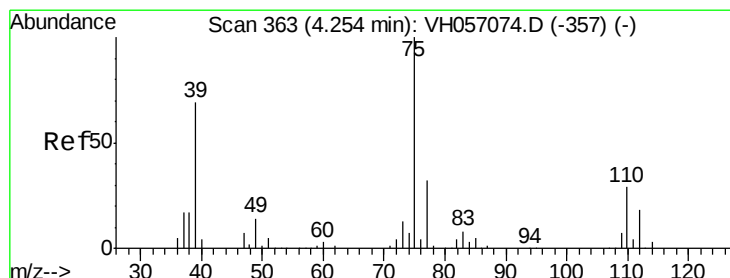
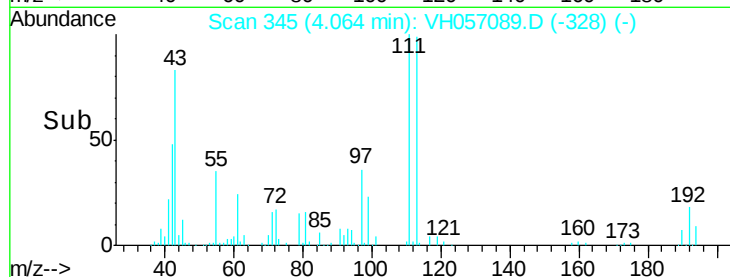
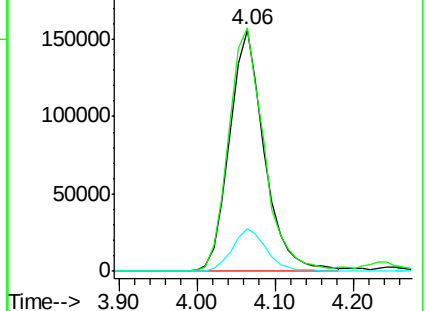
192 17.8 13.6 20.4



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 21.40 ug/l

RT: 4.23 min Scan# 361

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

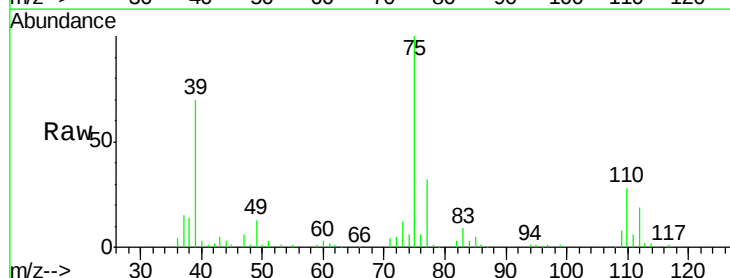
Tgt Ion: 75 Resp: 301509

Ion Ratio Lower Upper

75 100

110 28.0 13.7 41.1

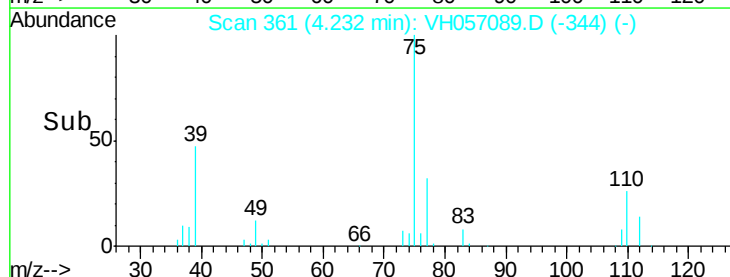
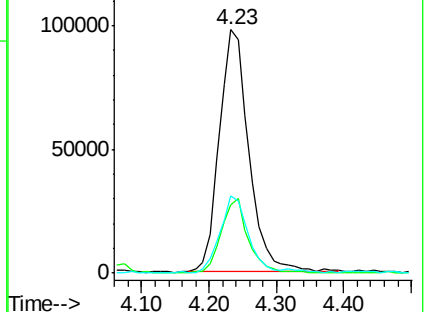
77 31.8 24.0 36.0

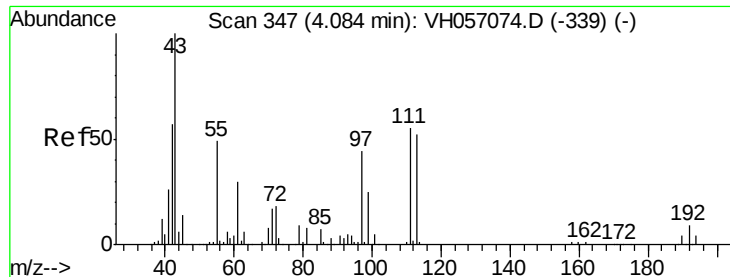


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): V

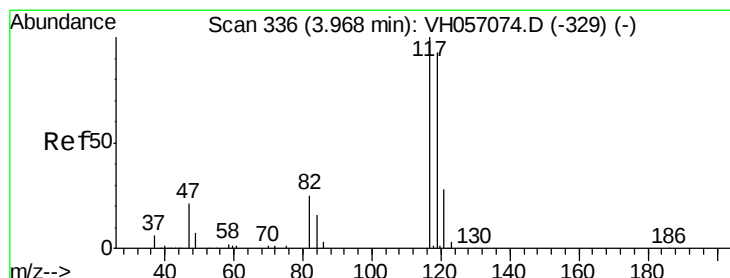
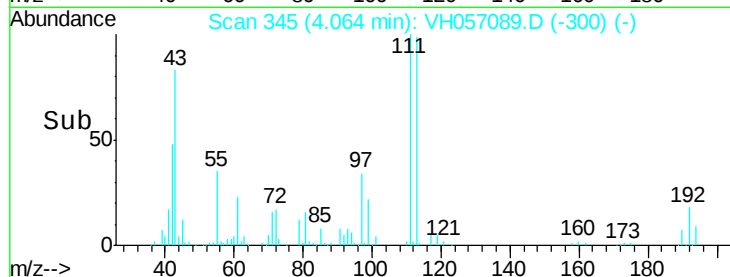
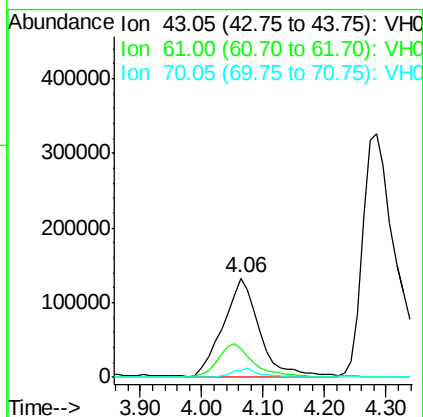
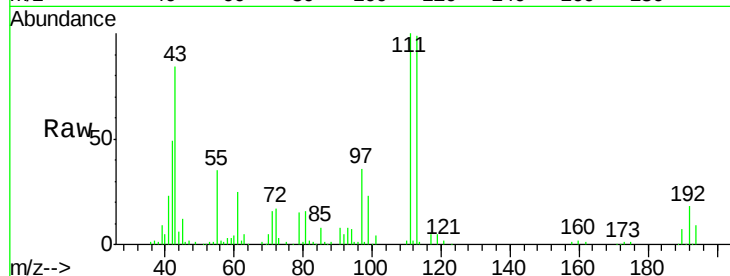




#37
Ethyl acetate
Concen: 20.35 ug/l
RT: 4.06 min Scan# 345
Delta R.T. -0.02 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

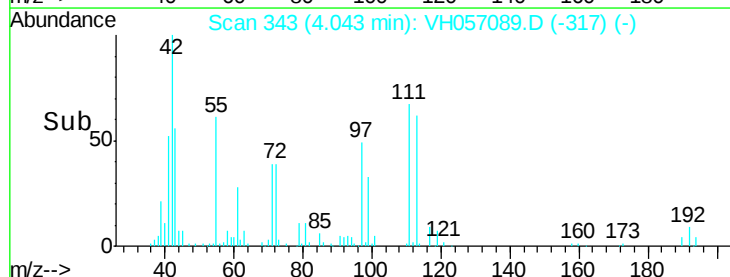
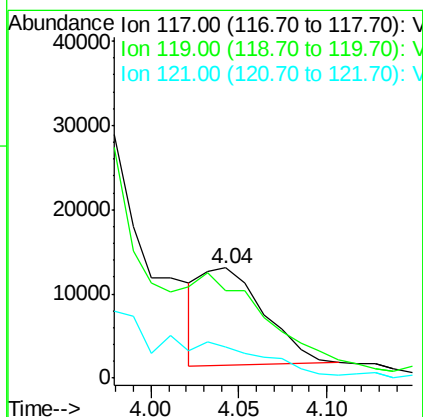
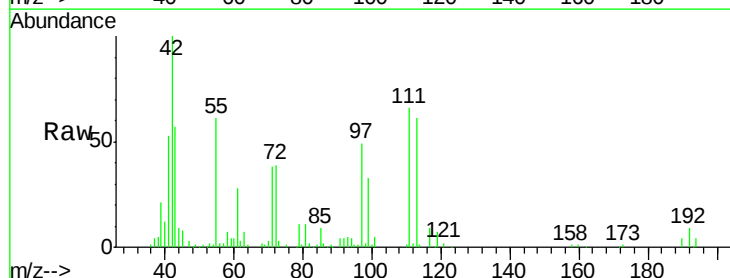
Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS01

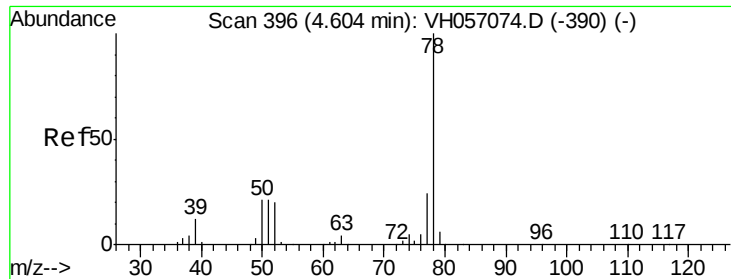
Tgt Ion: 43 Resp: 538168
Ion Ratio Lower Upper
43 100
61 0.0 23.9 35.9#
70 7.1 5.4 8.0



#38
Carbon Tetrachloride
Concen: 2.59 ug/l
RT: 4.04 min Scan# 343
Delta R.T. 0.07 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

Tgt Ion: 117 Resp: 28444
Ion Ratio Lower Upper
117 100
119 79.6 78.7 118.1
121 28.2 25.9 38.9





#39

Benzene

Concen: 21.00 ug/l

RT: 4.58 min Scan# 394

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

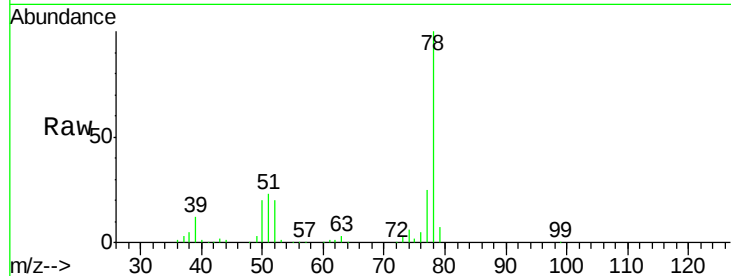
Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS01

Tgt Ion: 78 Resp: 704402

Ion Ratio Lower Upper

78 100

77 25.4 18.5 27.7



Abundance Ion 78.10 (77.80 to 78.80): VH0

Ion 77.00 (76.70 to 77.70): VH0

4.58

250000

200000

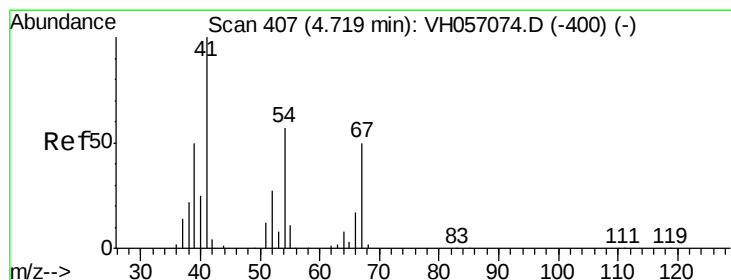
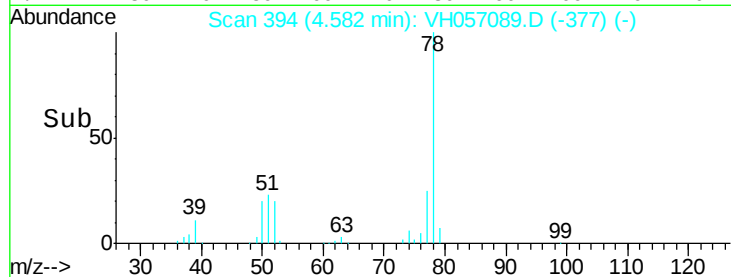
150000

100000

50000

0

Time-->



#40

Methacrylonitrile

Concen: 21.39 ug/l

RT: 4.70 min Scan# 405

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Tgt Ion: 41 Resp: 250441

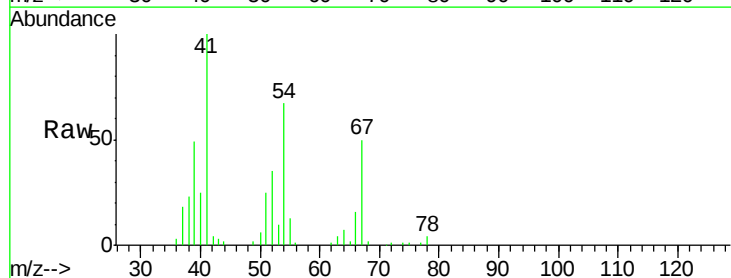
Ion Ratio Lower Upper

41 100

39 48.8 25.1 75.2

67 49.6 22.5 67.5

52 35.2 19.0 57.0



Abundance Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

Ion 67.00 (66.70 to 67.70): VH0

Ion 52.00 (51.70 to 52.70): VH0

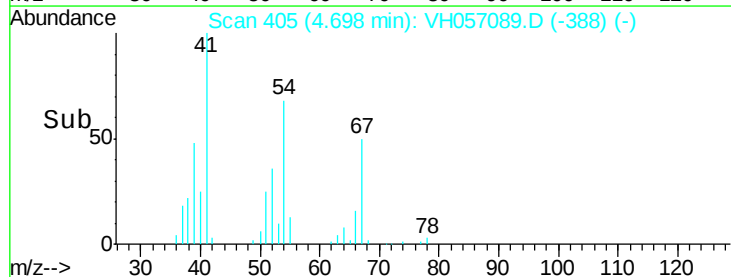
150000

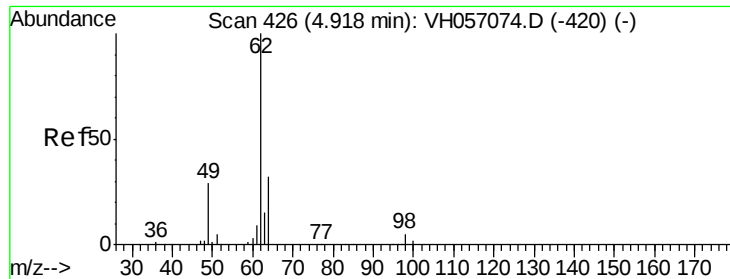
100000

50000

0

Time-->





#41

1,2-Dichloroethane

Concen: 20.18 ug/l

RT: 4.89 min Scan# 423

Delta R.T. -0.03 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

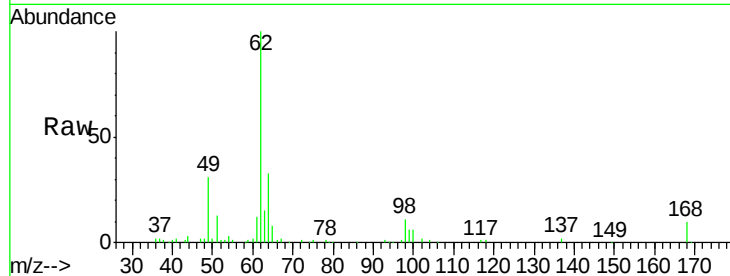
VH0921MBS01

Tgt Ion: 62 Resp: 298860

Ion Ratio Lower Upper

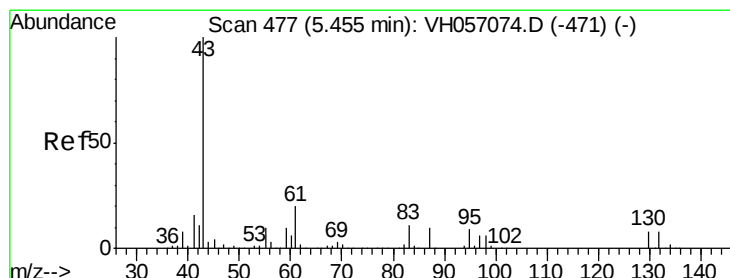
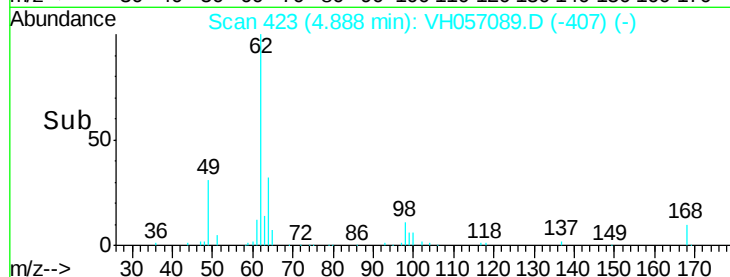
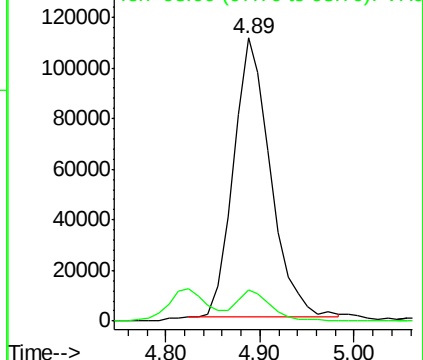
62 100

98 10.9 7.3 10.9#



Abundance Ion 62.00 (61.70 to 62.70): VH0

Ion 98.00 (97.70 to 98.70): VH0



#42

Isopropyl Acetate

Concen: 20.69 ug/l

RT: 5.43 min Scan# 475

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

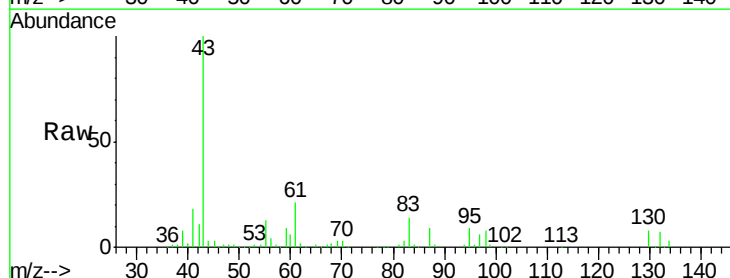
Tgt Ion: 43 Resp: 714571

Ion Ratio Lower Upper

43 100

61 20.6 15.8 23.6

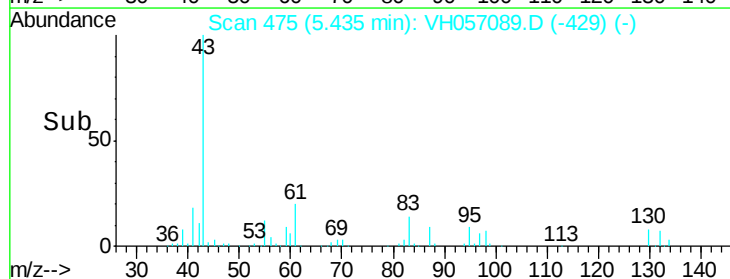
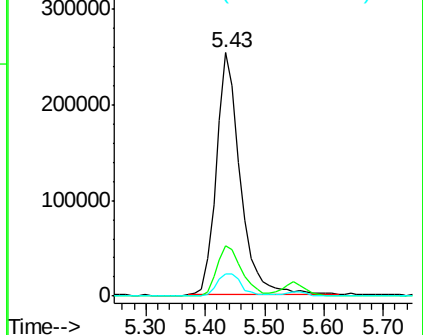
87 9.1 7.0 10.6

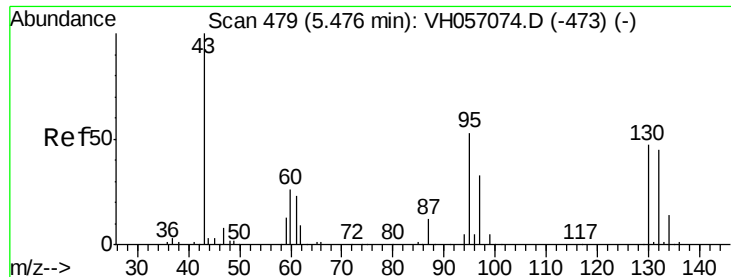


Abundance Ion 43.05 (42.75 to 43.75): VH0

Ion 61.00 (60.70 to 61.70): VH0

Ion 87.00 (86.70 to 87.70): VH0





#43

Trichloroethene

Concen: 22.48 ug/l

RT: 5.46 min Scan# 477

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

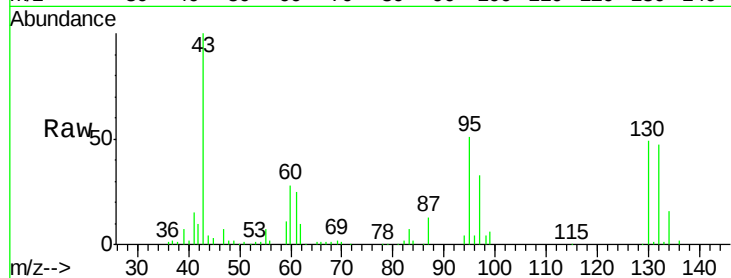
VH0921MBS01

Tgt Ion:130 Resp: 191652

Ion Ratio Lower Upper

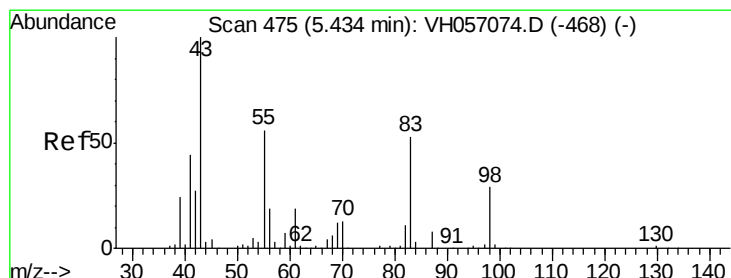
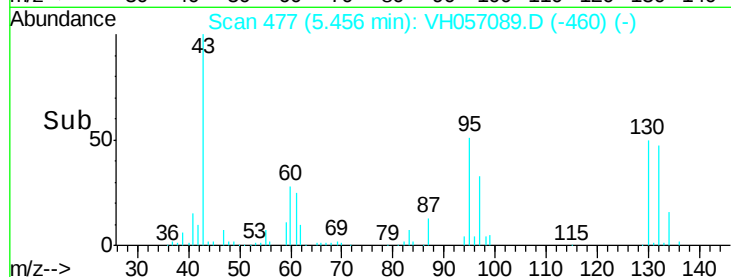
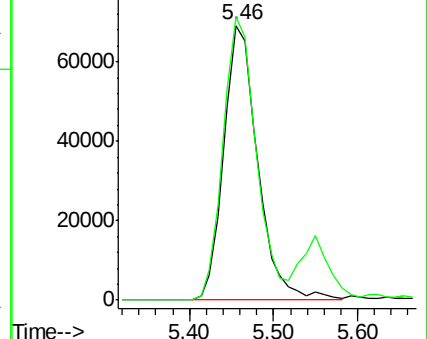
130 100

95 103.0 84.0 126.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VH0



#44

Methylcyclohexane

Concen: 22.10 ug/l

RT: 5.41 min Scan# 473

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

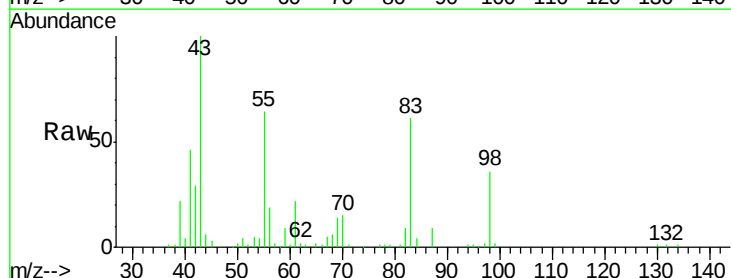
Tgt Ion: 83 Resp: 179465

Ion Ratio Lower Upper

83 100

55 104.7 0.0 207.2

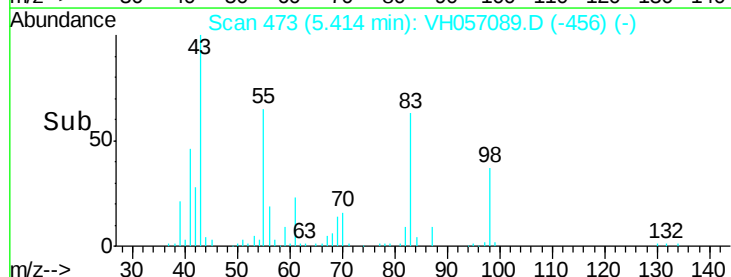
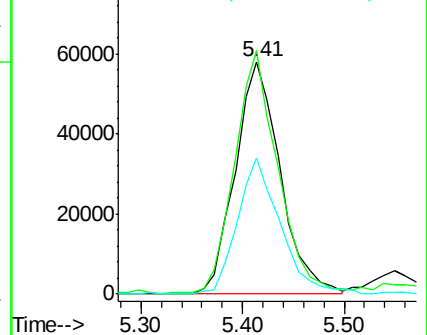
98 58.4 0.0 108.4

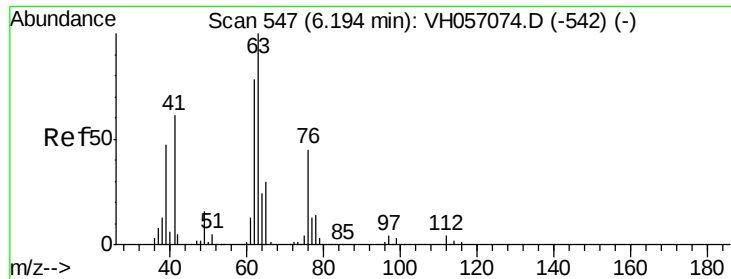


Abundance Ion 83.00 (82.70 to 83.70): VH0

Ion 55.00 (54.70 to 55.70): VH0

Ion 98.00 (97.70 to 98.70): VH0

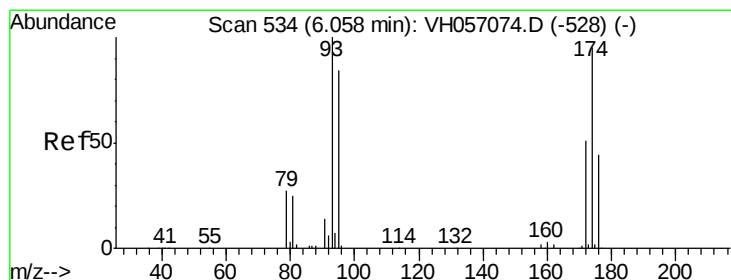
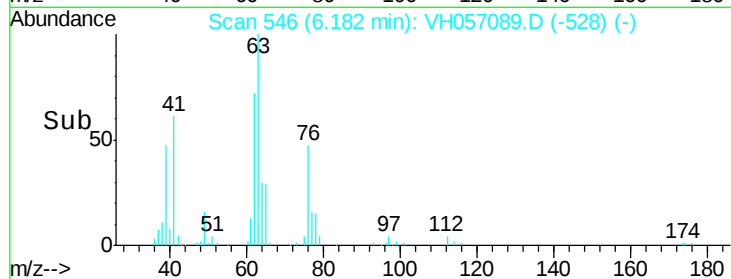
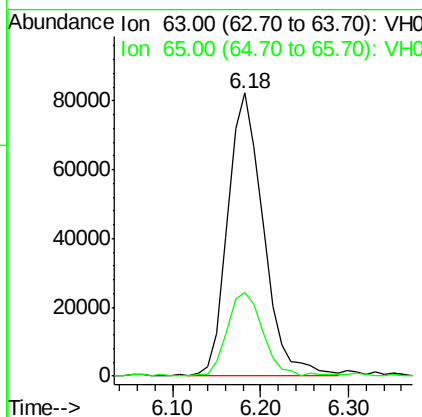
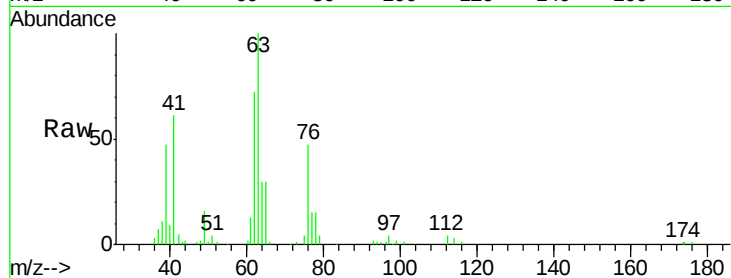




#45
 1,2-Dichloropropane
 Concen: 21.75 ug/l
 RT: 6.18 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

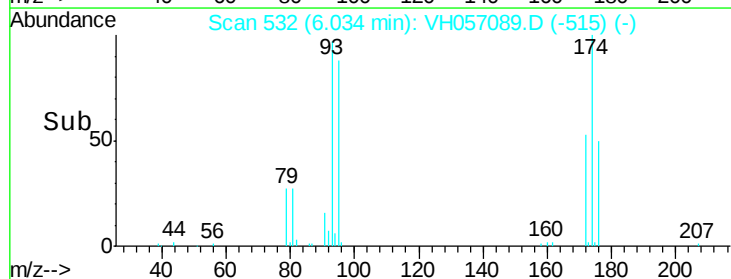
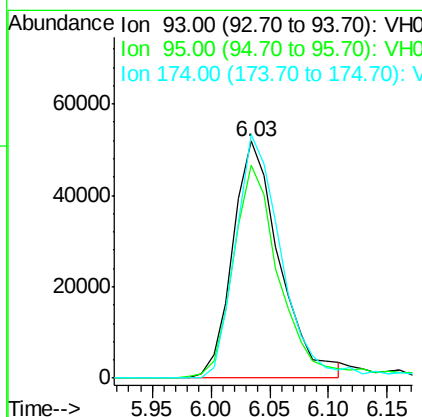
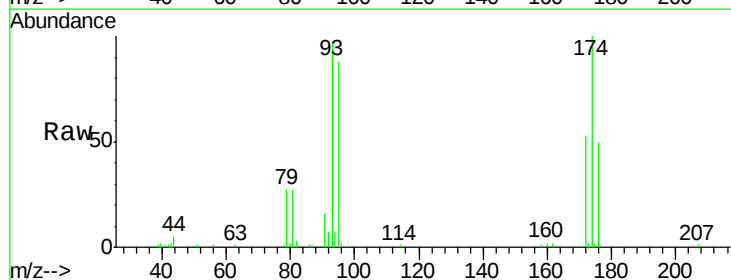
Instrument :
 MSVOA_H
 ClientSampleId :
 VH0921MBS01

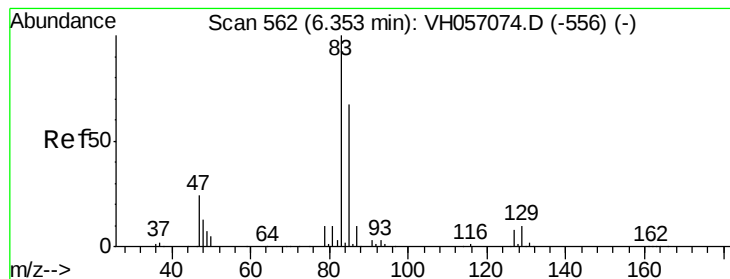
Tgt Ion: 63 Resp: 231311
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.8 35.8



#46
 Dibromomethane
 Concen: 20.65 ug/l
 RT: 6.03 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

Tgt Ion: 93 Resp: 142884
 Ion Ratio Lower Upper
 93 100
 95 89.9 69.5 104.3
 174 102.7 75.8 113.6





#47

Bromodichloromethane

Concen: 21.92 ug/l

RT: 6.33 min Scan# 560

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

VH0921MBS01

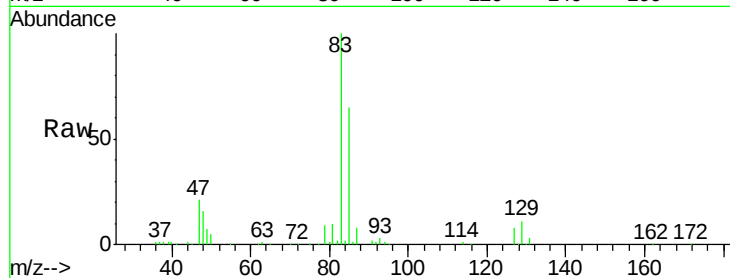
Tgt Ion: 83 Resp: 310650

Ion Ratio Lower Upper

83 100

85 65.5 52.6 78.8

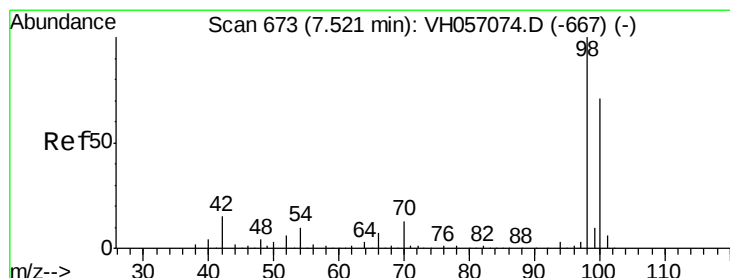
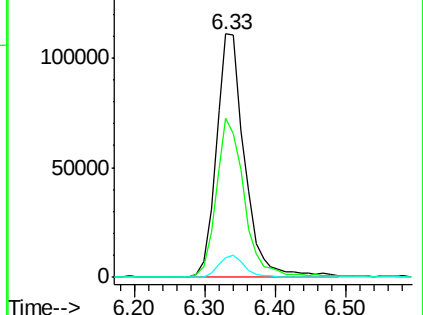
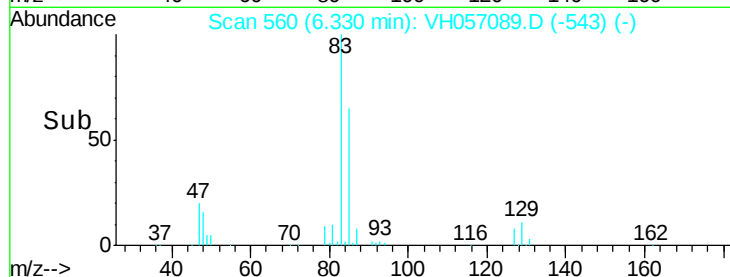
127 8.3 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VH0

Ion 85.00 (84.70 to 85.70): VH0

Ion 127.00 (126.70 to 127.70): V



#48

Toluene-d8

Concen: 45.78 ug/l

RT: 7.50 min Scan# 671

Delta R.T. -0.02 min

Lab File: VH057089.D

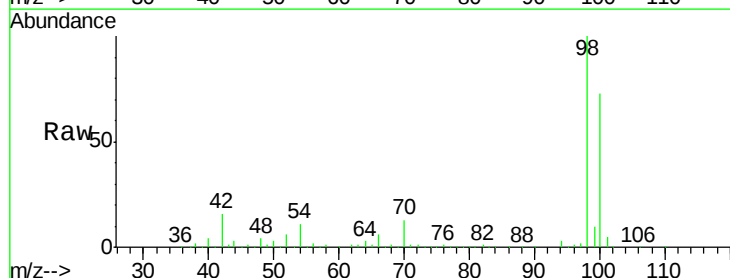
Acq: 21 Sep 2015 12:29

Tgt Ion: 98 Resp: 1343889

Ion Ratio Lower Upper

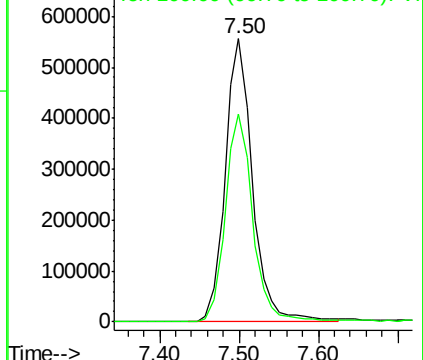
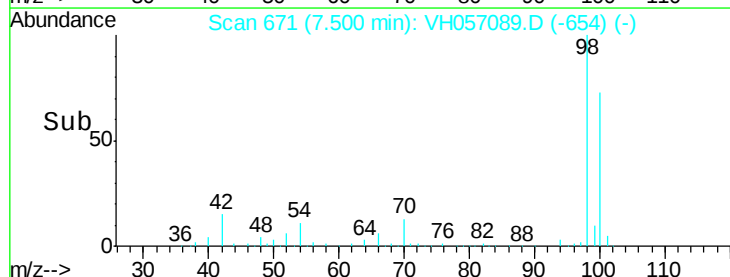
98 100

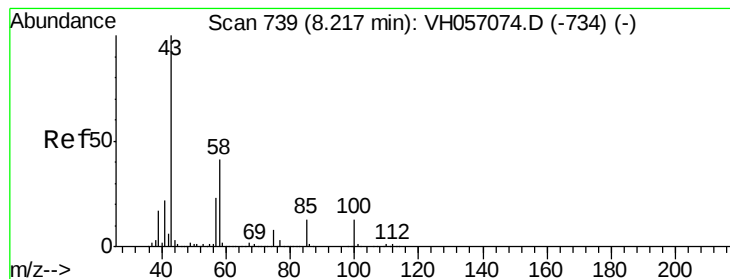
100 73.2 56.7 85.1



Abundance Ion 98.00 (97.70 to 98.70): VH0

Ion 100.00 (99.70 to 100.70): V





#49

4-Methyl-2-Pentanone

Concen: 107.50 ug/l

RT: 8.19 min Scan# 737

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

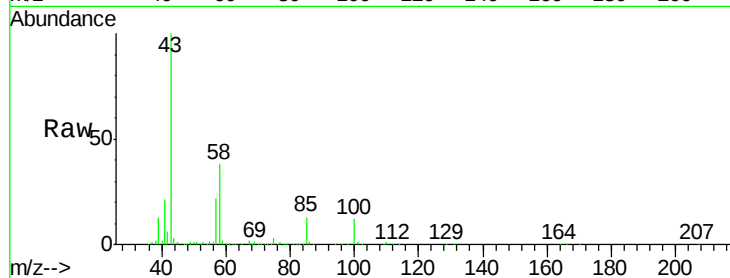
VH0921MBS01

Tgt Ion: 43 Resp: 2248939

Ion Ratio Lower Upper

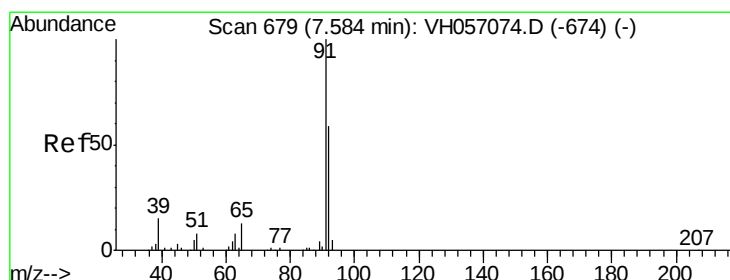
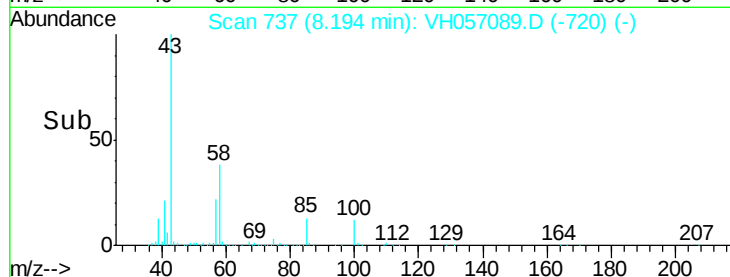
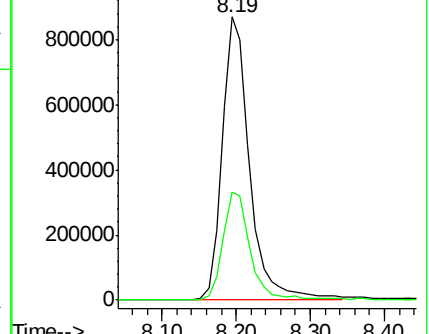
43 100

58 38.0 20.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 58.00 (57.70 to 58.70): VH0



#50

Toluene

Concen: 22.00 ug/l

RT: 7.57 min Scan# 678

Delta R.T. -0.01 min

Lab File: VH057089.D

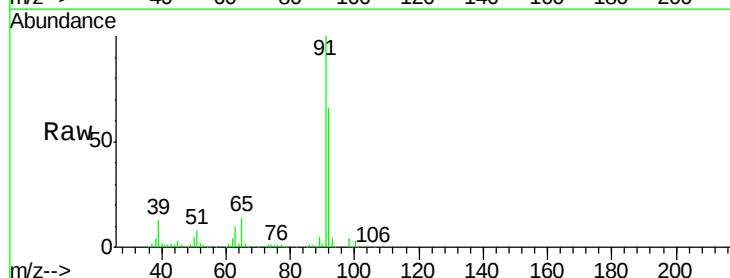
Acq: 21 Sep 2015 12:29

Tgt Ion: 92 Resp: 472624

Ion Ratio Lower Upper

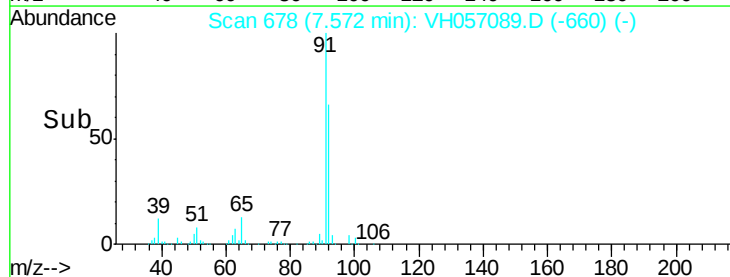
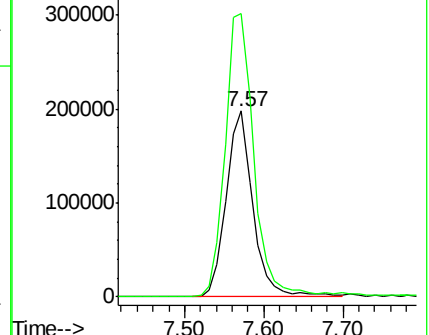
92 100

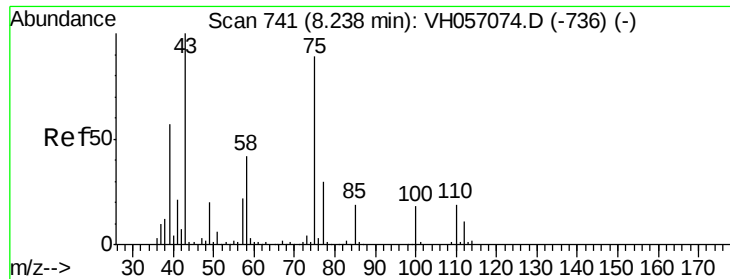
91 152.2 125.8 188.6



Abundance Ion 92.00 (91.70 to 92.70): VH0

Ion 91.00 (90.70 to 91.70): VH0





#51

t-1,3-Dichloropropene

Concen: 21.96 ug/l

RT: 8.22 min Scan# 739

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

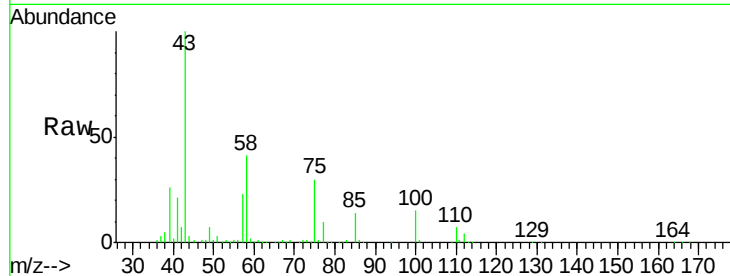
VH0921MBS01

Tgt Ion: 75 Resp: 356712

Ion Ratio Lower Upper

75 100

77 33.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VH0

Ion 77.00 (76.70 to 77.70): VH0

150000

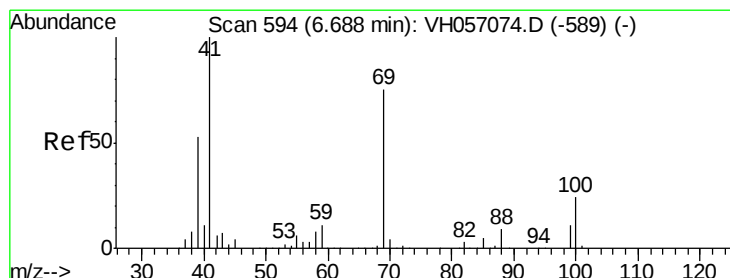
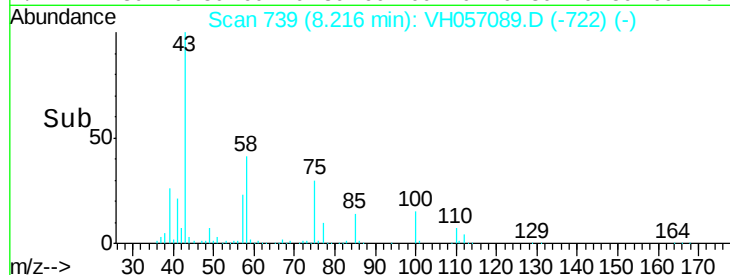
100000

50000

0

8.10 8.20 8.30 8.40

Time-->



#52

Methyl Methacrylate

Concen: 21.51 ug/l

RT: 6.67 min Scan# 592

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

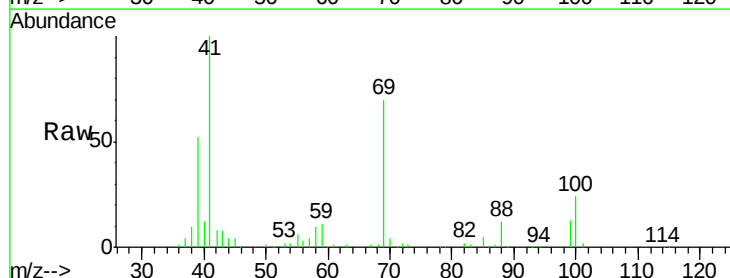
Tgt Ion: 69 Resp: 226434

Ion Ratio Lower Upper

69 100

41 143.8 70.0 209.8

39 74.2 37.5 112.5



Abundance Ion 69.00 (68.70 to 69.70): VH0

Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

150000

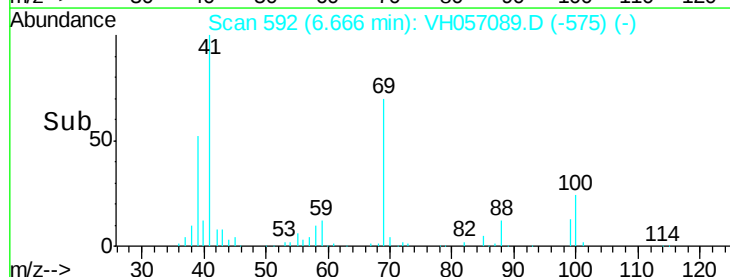
100000

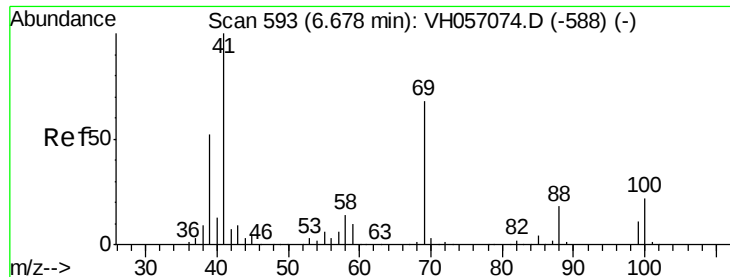
50000

0

6.60 6.70 6.80

Time-->





#53

1,4-Dioxane

Concen: 367.81 ug/l

RT: 6.66 min Scan# 591

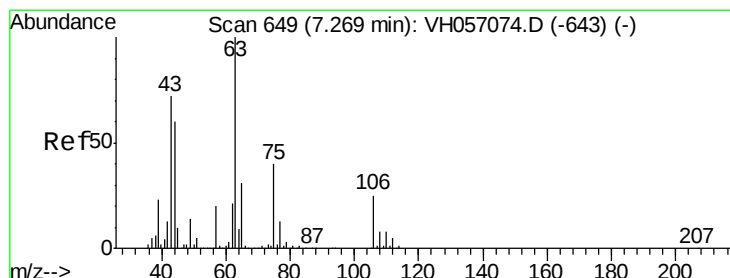
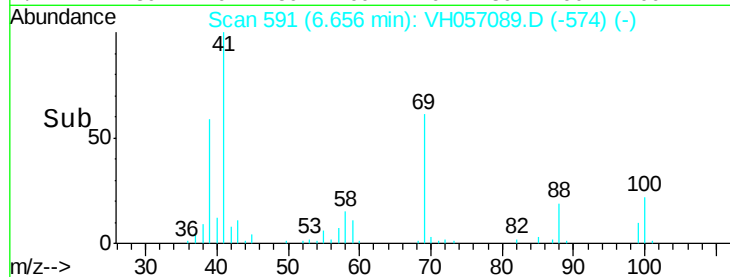
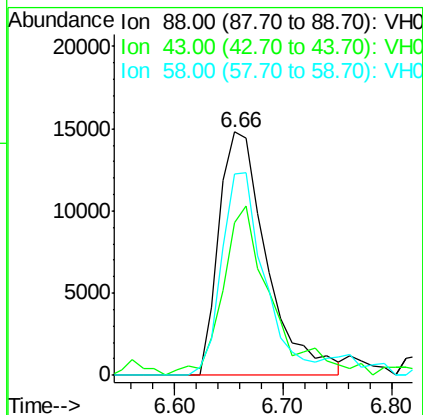
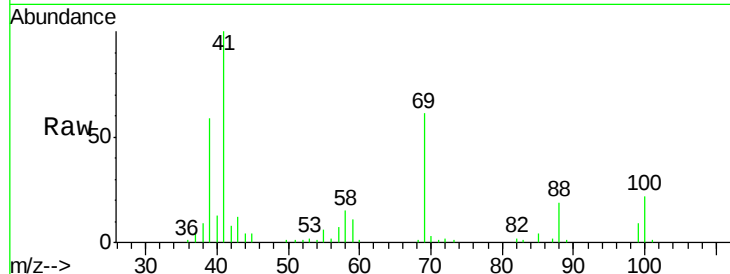
Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS01

Tgt Ion: 88 Resp: 45411
Ion Ratio Lower Upper
88 100
43 62.9 39.6 59.4#
58 82.8 61.4 92.2



#54

cis-1,3-Dichloropropene

Concen: 21.62 ug/l

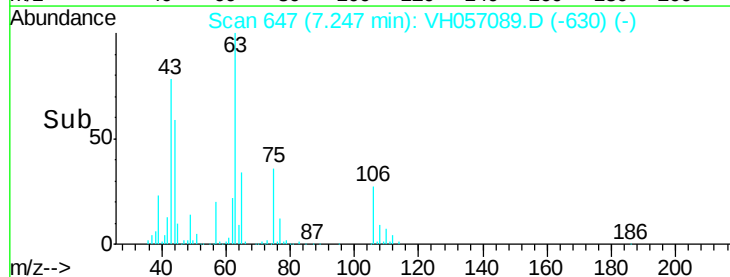
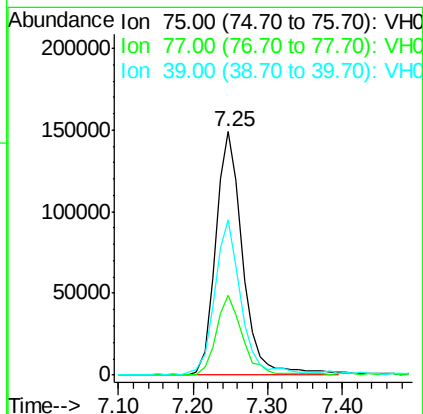
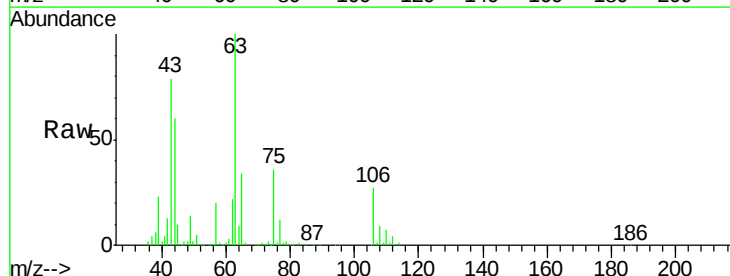
RT: 7.25 min Scan# 647

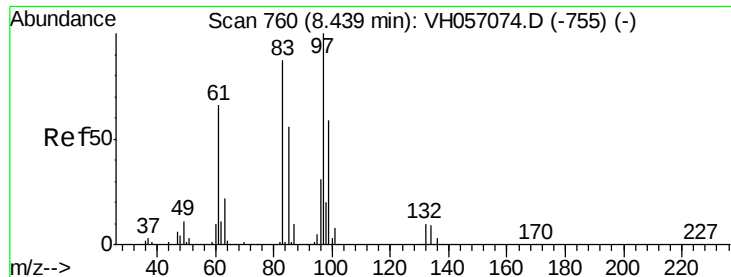
Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Tgt Ion: 75 Resp: 373019
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8
39 63.8 50.7 76.1





#55

1,1,2-Trichloroethane

Concen: 22.61 ug/l

RT: 8.43 min Scan# 759

Delta R.T. -0.01 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

VH0921MBS01

Tgt Ion: 97 Resp: 206202

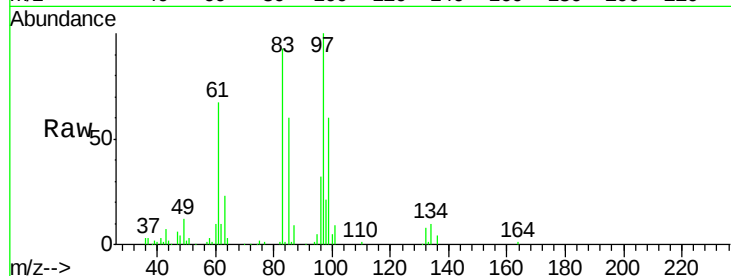
Ion Ratio Lower Upper

97 100

83 92.7 72.7 109.1

85 59.9 45.5 68.3

99 60.4 46.2 69.2

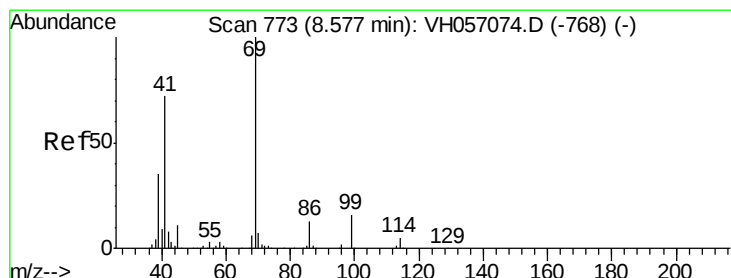
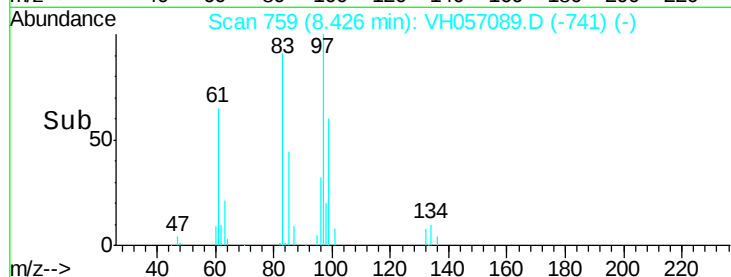
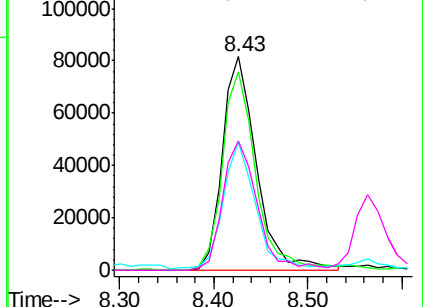


Abundance Ion 97.00 (96.70 to 97.70): VH0

Ion 82.95 (82.65 to 83.65): VH0

Ion 84.95 (84.65 to 85.65): VH0

Ion 98.95 (98.65 to 99.65): VH0



#56

Ethyl Methacrylate

Concen: 20.71 ug/l

RT: 8.56 min Scan# 772

Delta R.T. -0.01 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

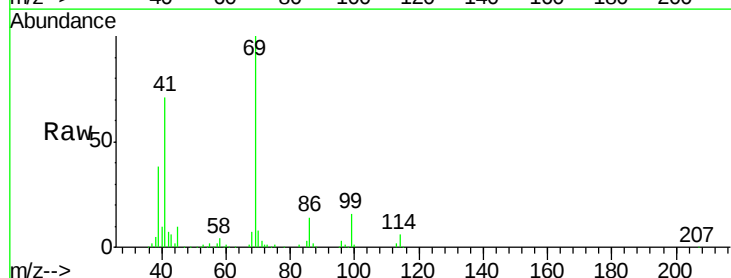
Tgt Ion: 69 Resp: 372979

Ion Ratio Lower Upper

69 100

41 70.9 39.1 117.3

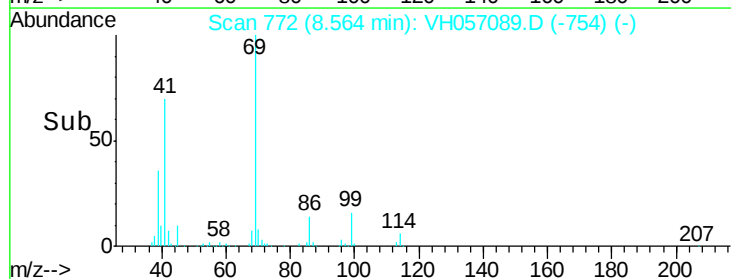
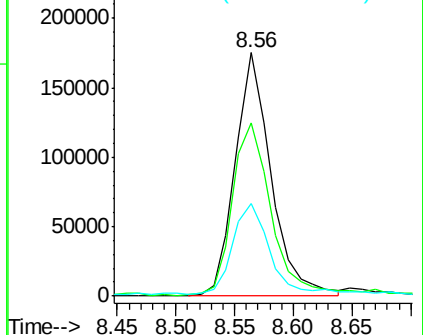
39 37.9 19.2 57.6

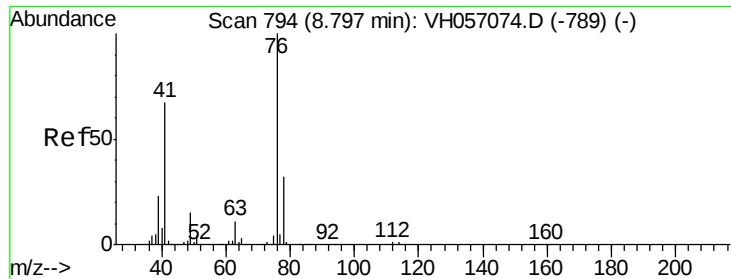


Abundance Ion 69.00 (68.70 to 69.70): VH0

Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0





#57

1,3-Dichloropropane

Concen: 21.15 ug/l

RT: 8.79 min Scan# 793

Delta R.T. -0.01 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

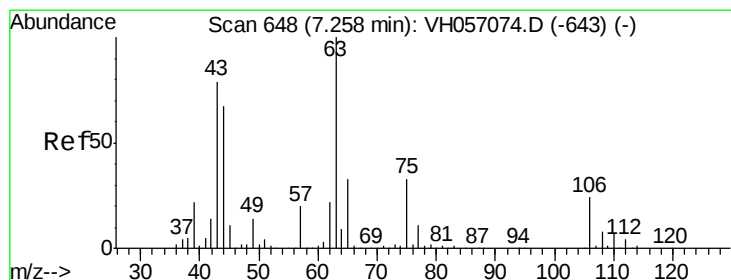
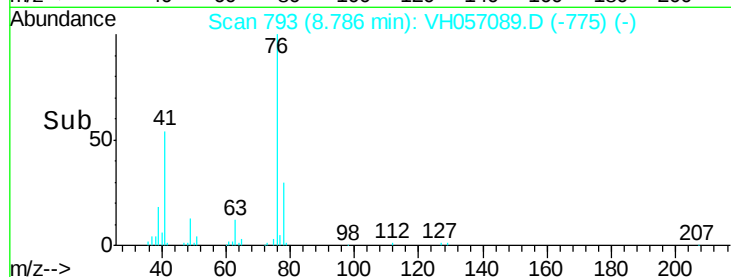
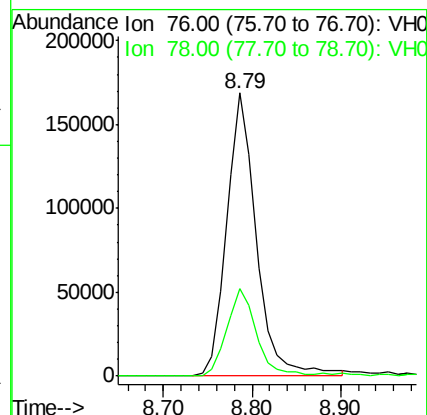
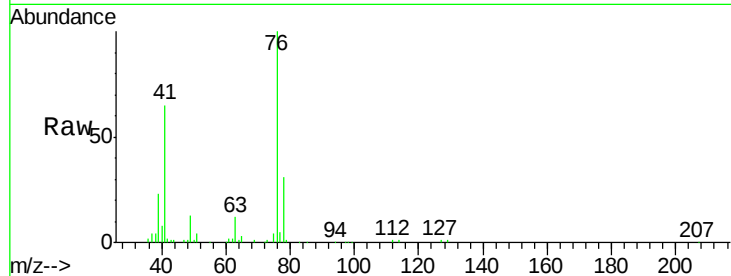
VH0921MBS01

Tgt Ion: 76 Resp: 392249

Ion Ratio Lower Upper

76 100

78 30.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 127.76 ug/l

RT: 7.24 min Scan# 646

Delta R.T. -0.02 min

Lab File: VH057089.D

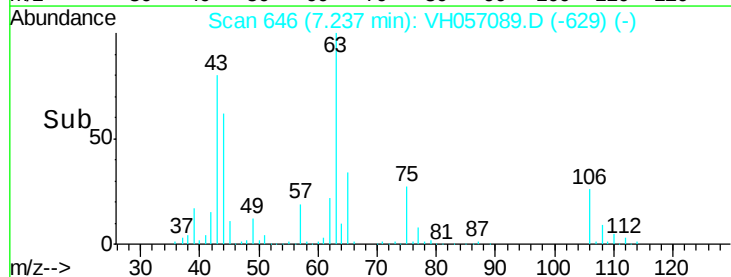
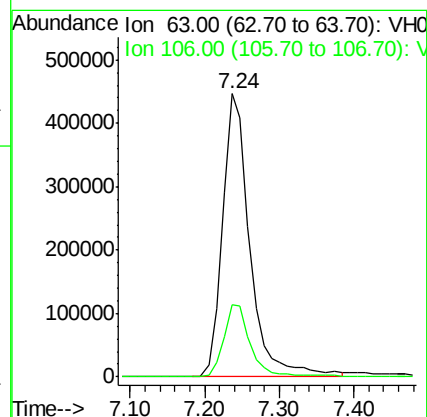
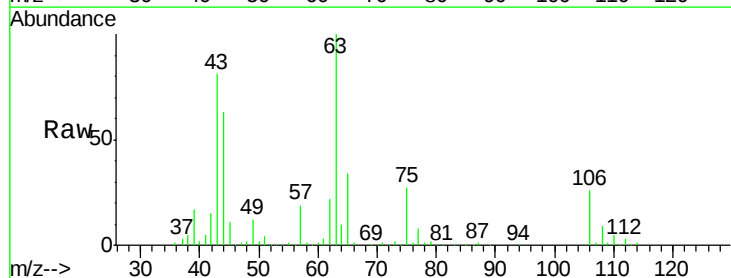
Acq: 21 Sep 2015 12:29

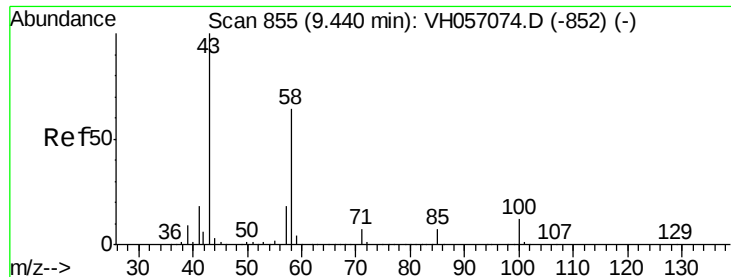
Tgt Ion: 63 Resp: 1137763

Ion Ratio Lower Upper

63 100

106 25.7 18.0 27.0

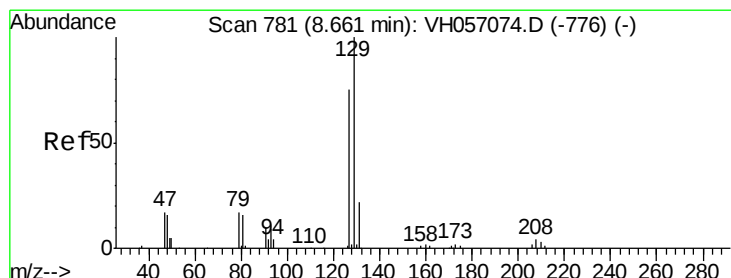
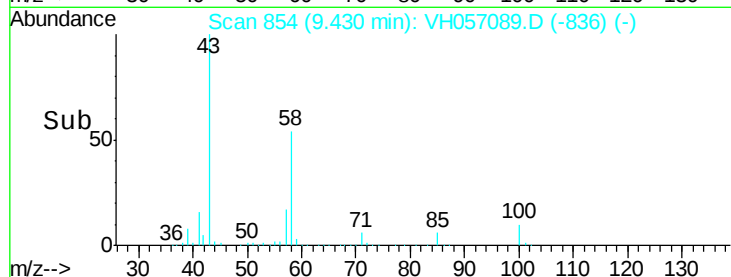
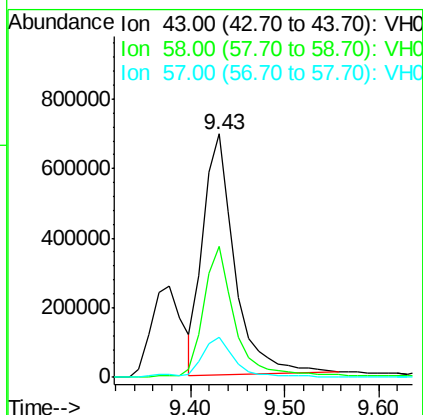
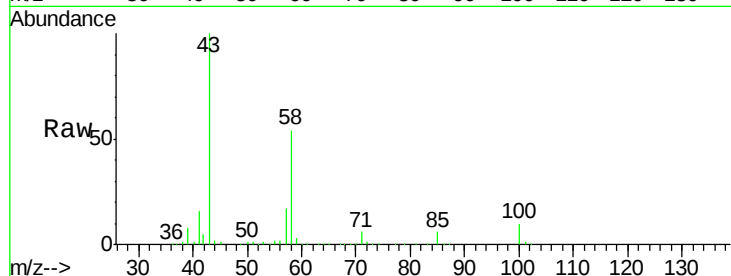




#59
2-Hexanone
Concen: 98.49 ug/l
RT: 9.43 min Scan# 854
Delta R.T. -0.01 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

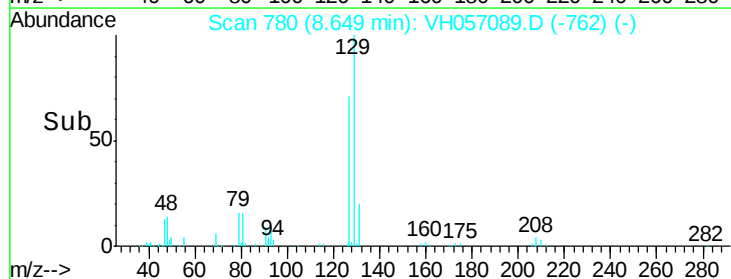
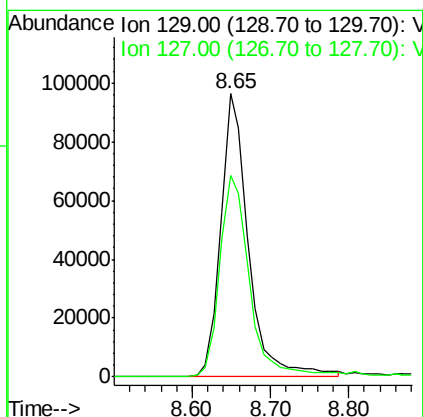
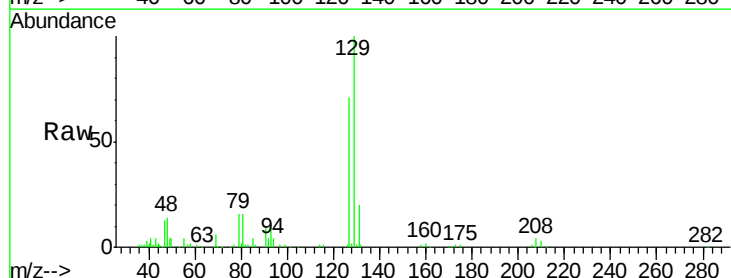
Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS01

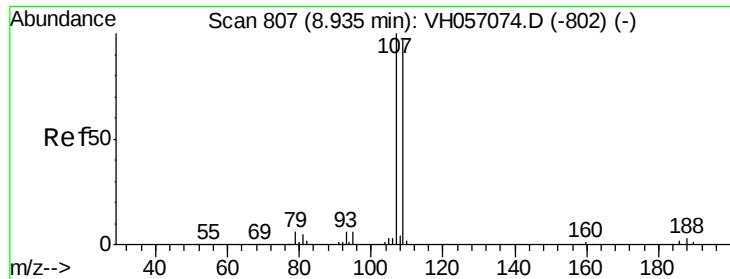
Tgt Ion: 43 Resp: 1609935
Ion Ratio Lower Upper
43 100
58 53.8 27.1 81.2
57 16.5 8.1 24.3



#60
Dibromochloromethane
Concen: 22.83 ug/l
RT: 8.65 min Scan# 780
Delta R.T. -0.01 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

Tgt Ion: 129 Resp: 236062
Ion Ratio Lower Upper
129 100
127 71.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.97 ug/l

RT: 8.91 min Scan# 805

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

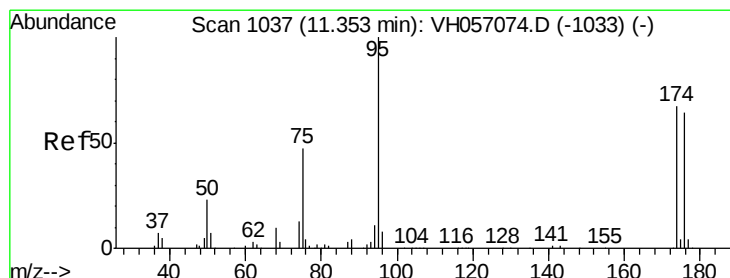
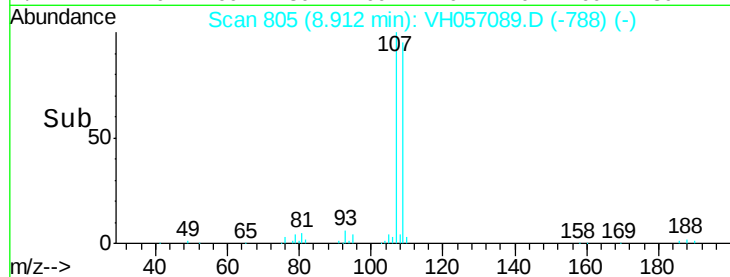
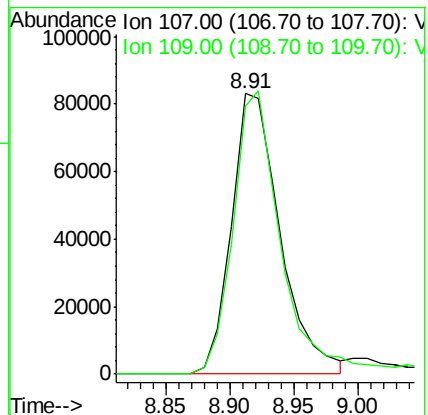
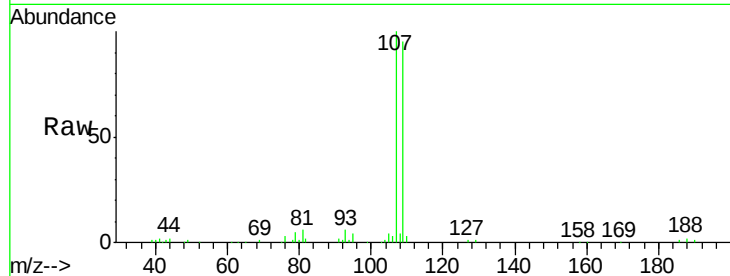
VH0921MBS01

Tgt Ion:107 Resp: 220074

Ion Ratio Lower Upper

107 100

109 95.5 77.7 116.5



#62

4-Bromofluorobenzene

Concen: 48.04 ug/l

RT: 11.35 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

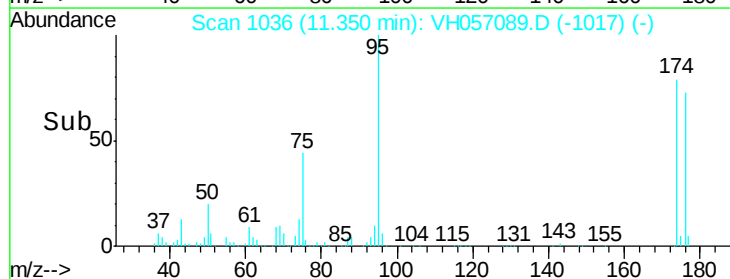
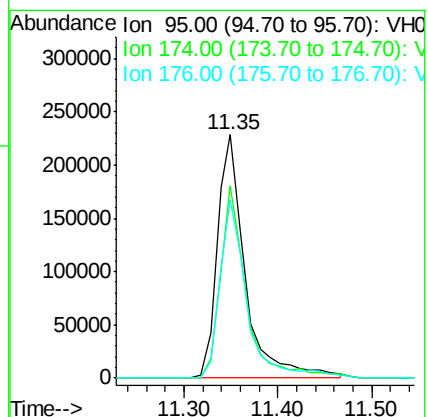
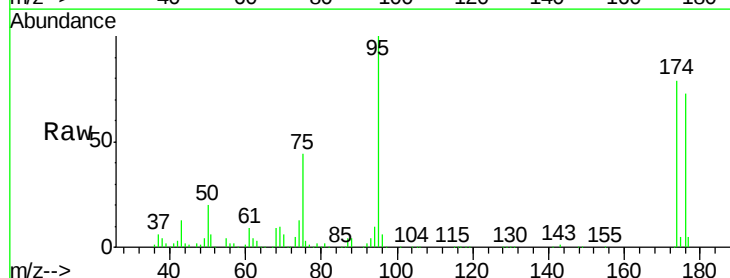
Tgt Ion: 95 Resp: 475585

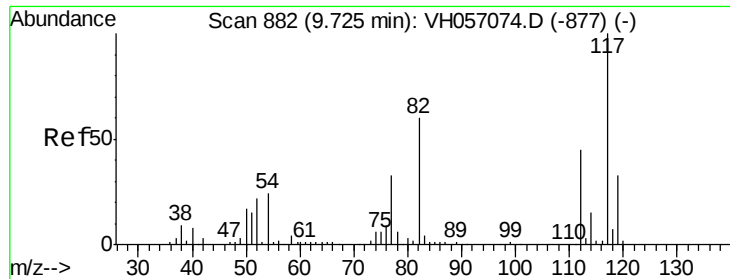
Ion Ratio Lower Upper

95 100

174 79.0 58.4 87.6

176 73.0 54.3 81.5

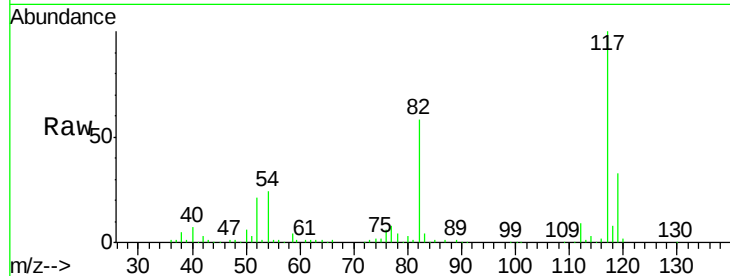




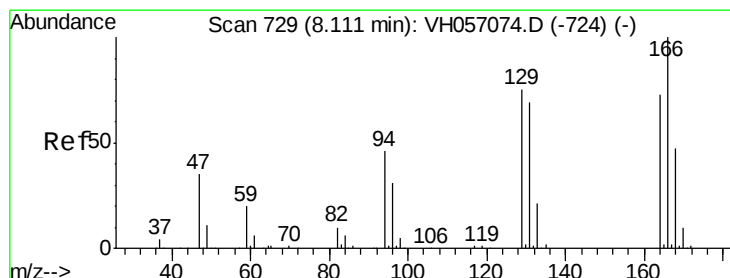
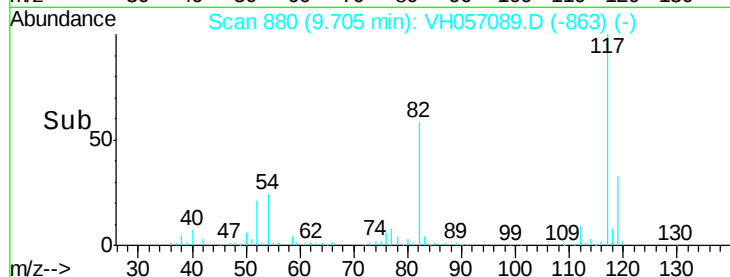
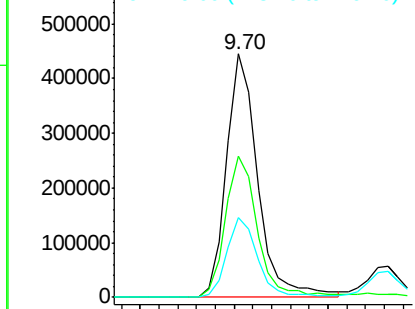
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.70 min Scan# 880
Delta R.T. -0.02 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS01

Tgt Ion:117 Resp: 1036969
Ion Ratio Lower Upper
117 100
82 58.0 51.0 76.6
119 32.7 26.7 40.1



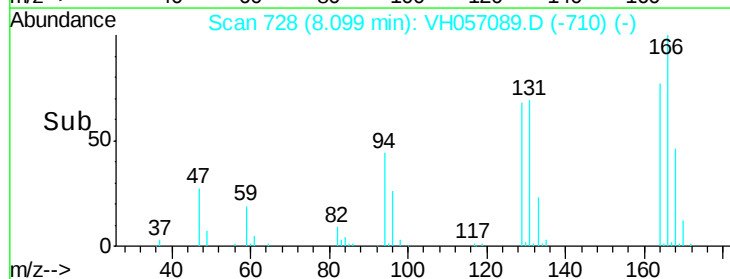
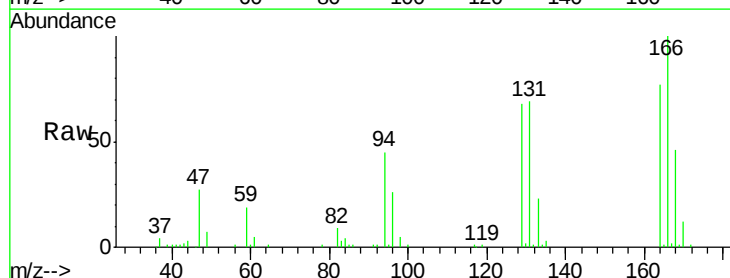
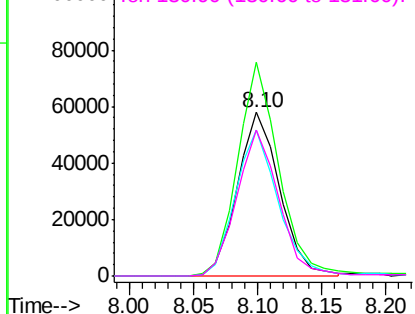
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

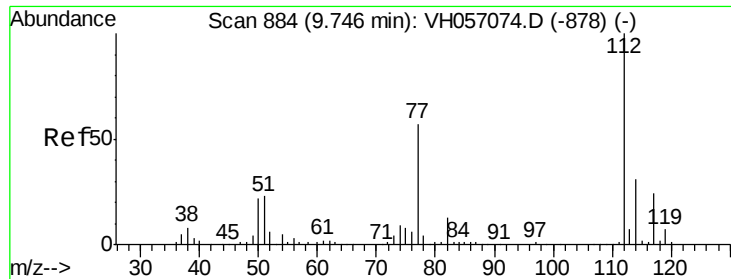


#64
Tetrachloroethene
Concen: 22.71 ug/l
RT: 8.10 min Scan# 728
Delta R.T. -0.01 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

Tgt Ion:164 Resp: 133457
Ion Ratio Lower Upper
164 100
166 130.5 103.2 154.8
129 89.0 73.4 110.0
131 89.5 70.8 106.2

Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

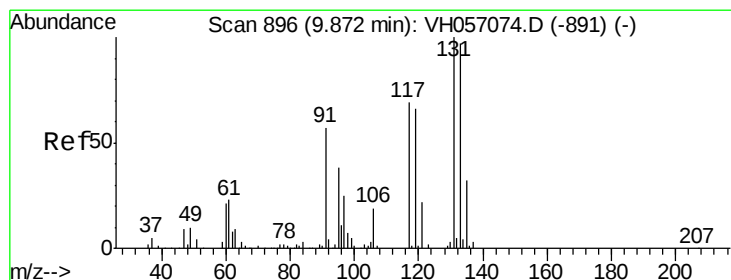
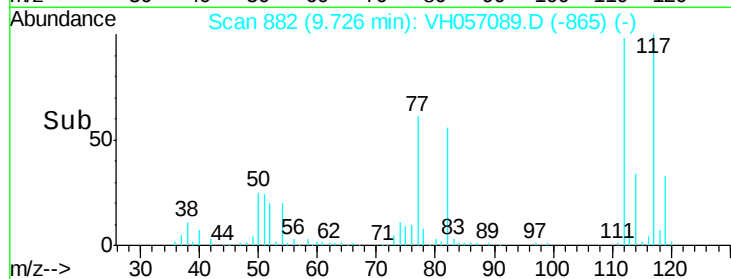
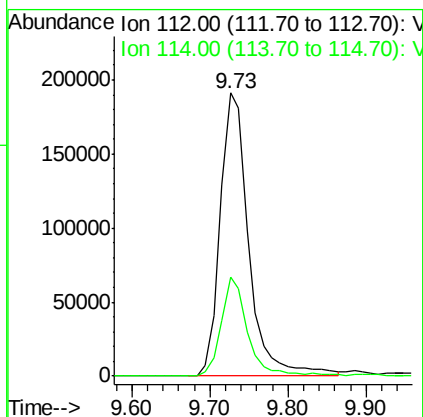
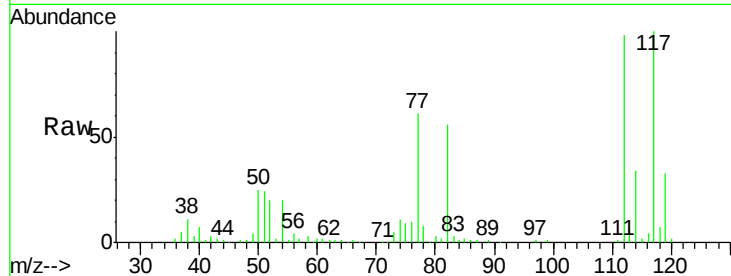




#65
Chlorobenzene
Concen: 21.62 ug/l
RT: 9.73 min Scan# 882
Delta R.T. -0.02 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

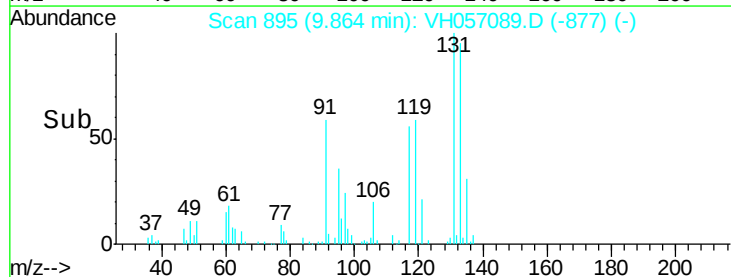
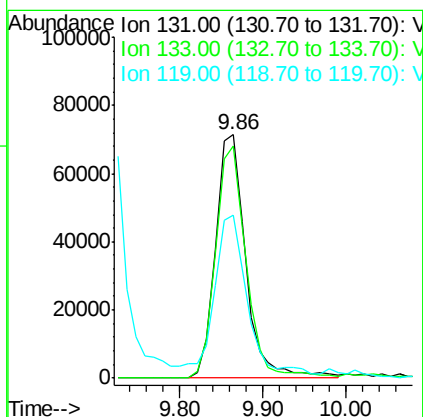
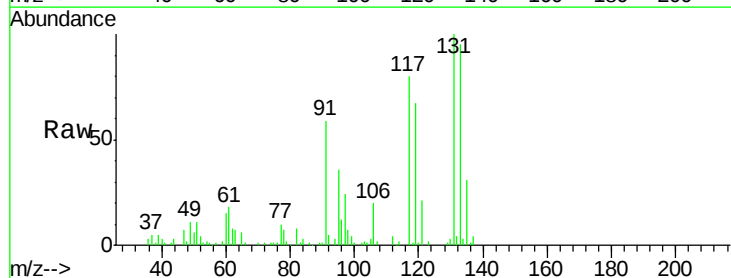
Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS01

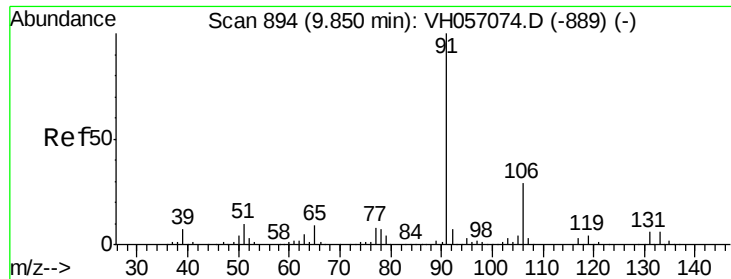
Tgt Ion:112 Resp: 487891
Ion Ratio Lower Upper
112 100
114 35.2 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.85 ug/l
RT: 9.86 min Scan# 895
Delta R.T. -0.01 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

Tgt Ion:131 Resp: 177907
Ion Ratio Lower Upper
131 100
133 95.5 51.1 153.3
119 66.9 36.3 108.9

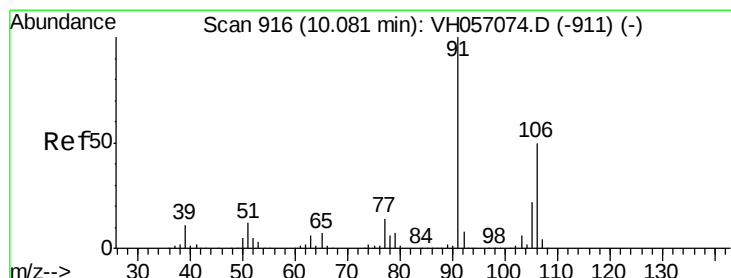
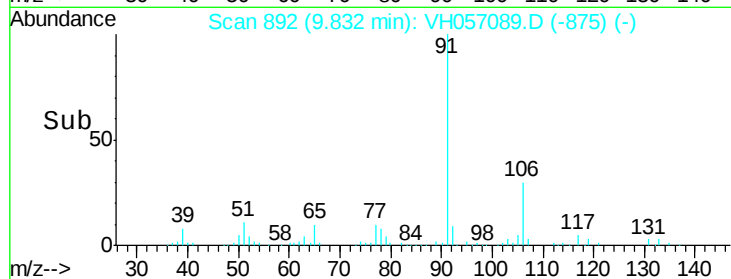
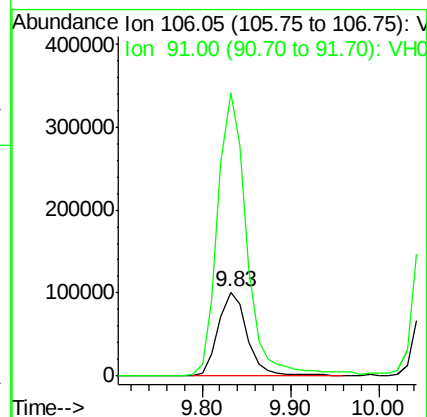
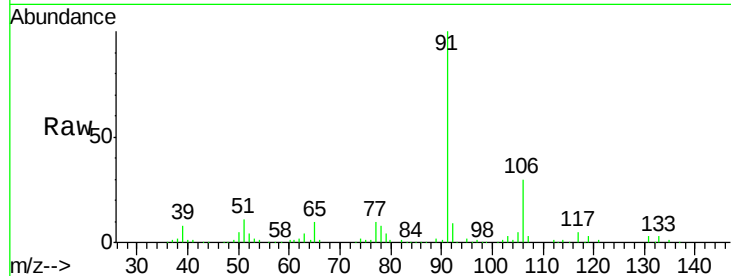




#67
Ethyl Benzene
Concen: 21.46 ug/l
RT: 9.83 min Scan# 892
Delta R.T. -0.02 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

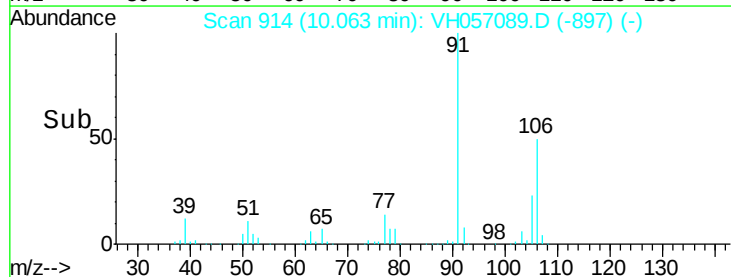
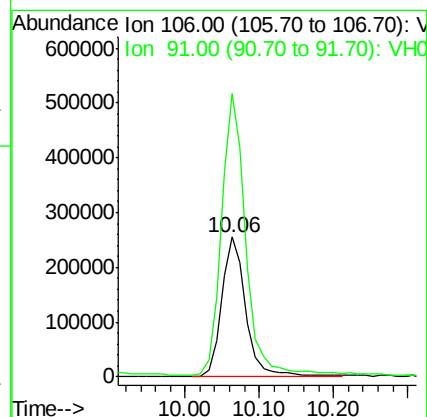
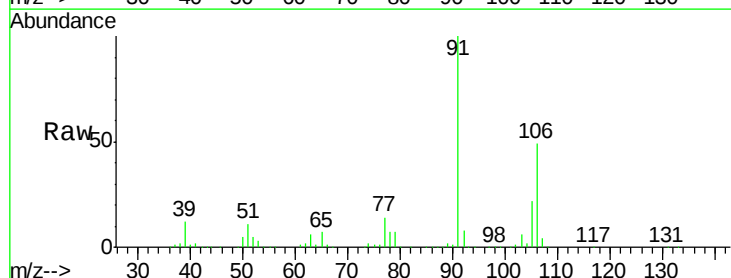
Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS01

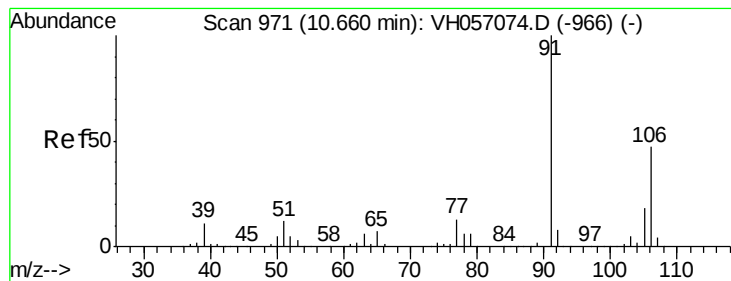
Tgt Ion:106 Resp: 231765
Ion Ratio Lower Upper
106 100
91 335.8 264.9 397.3



#68
m/p-Xylenes
Concen: 44.52 ug/l
RT: 10.06 min Scan# 914
Delta R.T. -0.02 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

Tgt Ion:106 Resp: 584850
Ion Ratio Lower Upper
106 100
91 202.3 164.4 246.6





#69

o-Xylene

Concen: 22.60 ug/l

RT: 10.64 min Scan# 969

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

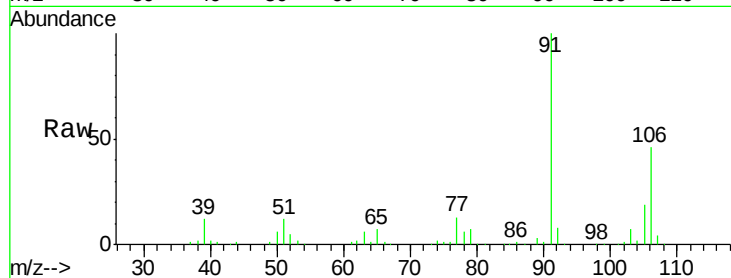
VH0921MBS01

Tgt Ion:106 Resp: 285068

Ion Ratio Lower Upper

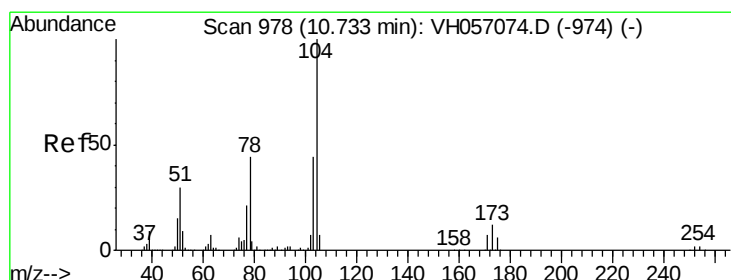
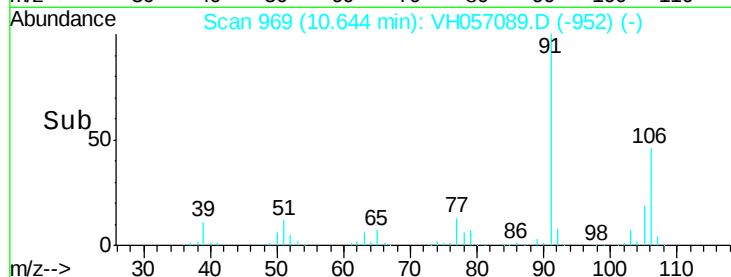
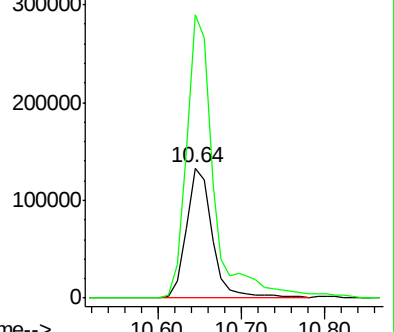
106 100

91 217.1 104.2 312.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VH0



#70

Styrene

Concen: 21.57 ug/l

RT: 10.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

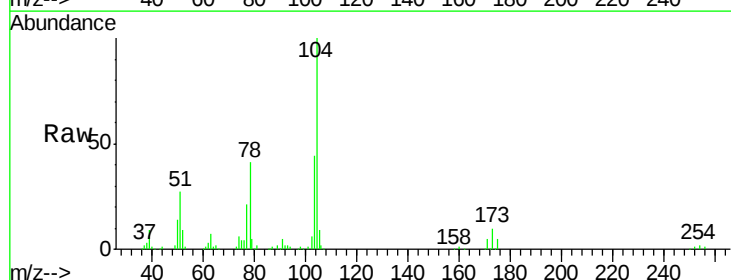
Tgt Ion:104 Resp: 475156

Ion Ratio Lower Upper

104 100

78 41.2 35.2 52.8

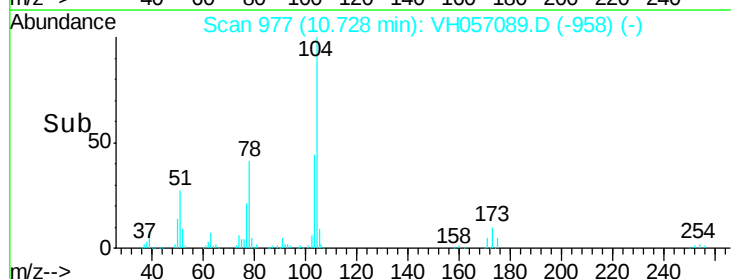
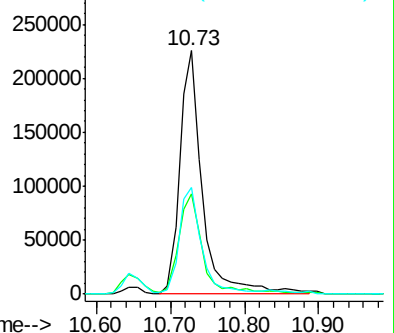
103 43.7 35.8 53.6

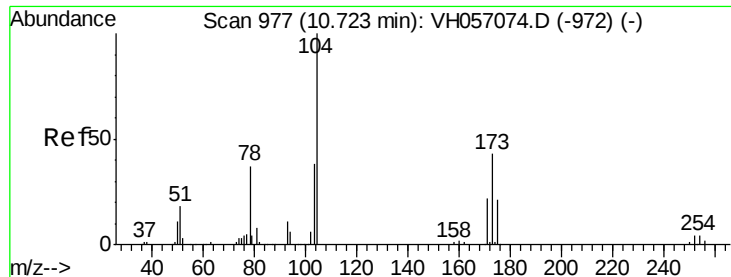


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VH0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 22.78 ug/l

RT: 10.71 min Scan# 975

Delta R.T. -0.02 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

VH0921MBS01

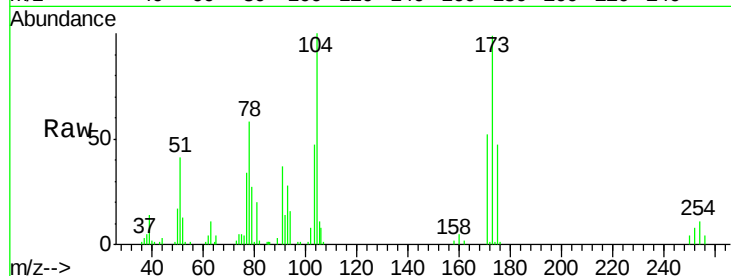
Tgt Ion:173 Resp: 151787

Ion Ratio Lower Upper

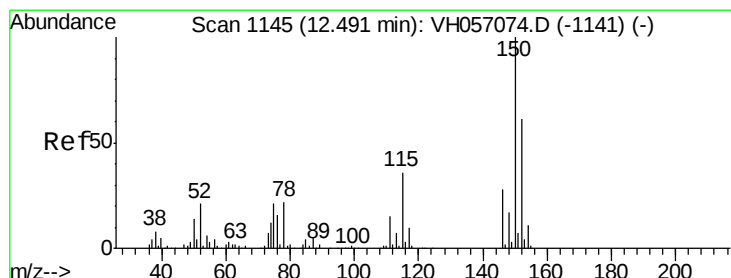
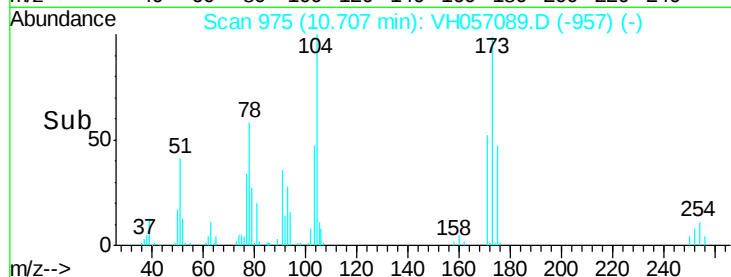
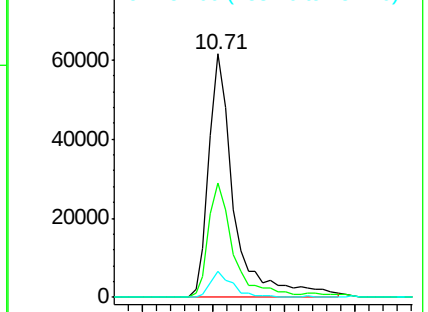
173 100

175 47.2 23.3 69.9

254 10.8 4.4 13.2



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.49 min Scan# 1144

Delta R.T. -0.01 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

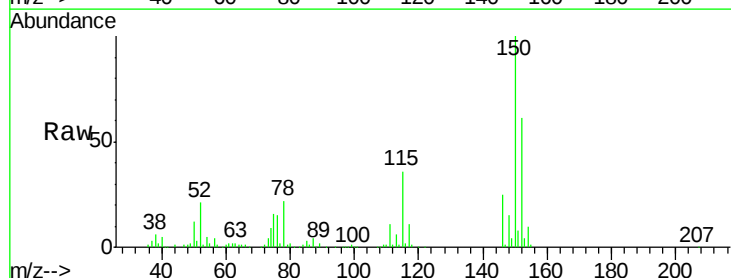
Tgt Ion:152 Resp: 308278

Ion Ratio Lower Upper

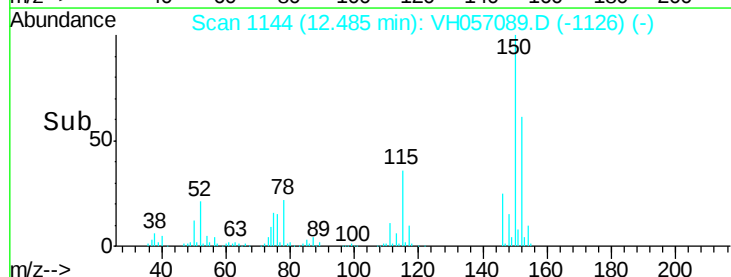
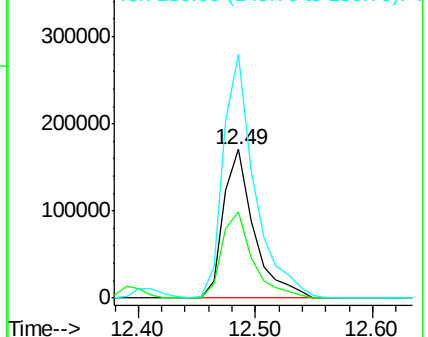
152 100

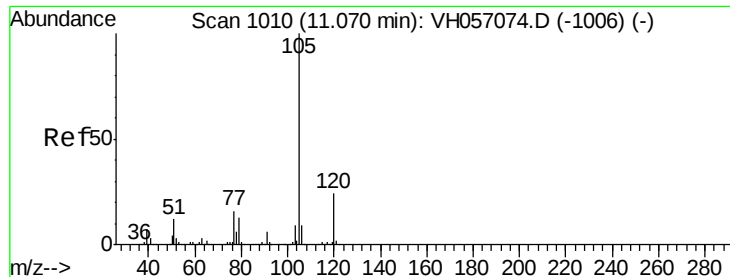
115 58.3 28.2 84.6

150 164.2 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





#73

Isopropylbenzene

Concen: 21.72 ug/l

RT: 11.07 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

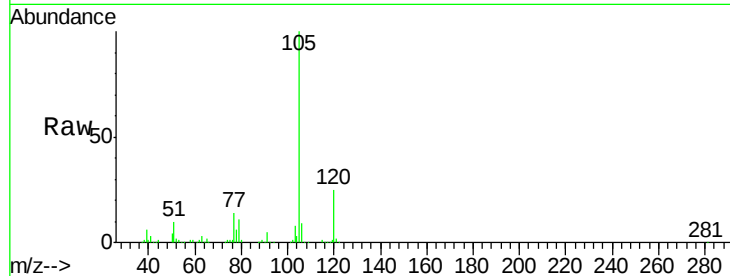
VH0921MBS01

Tgt Ion: 105 Resp: 611424

Ion Ratio Lower Upper

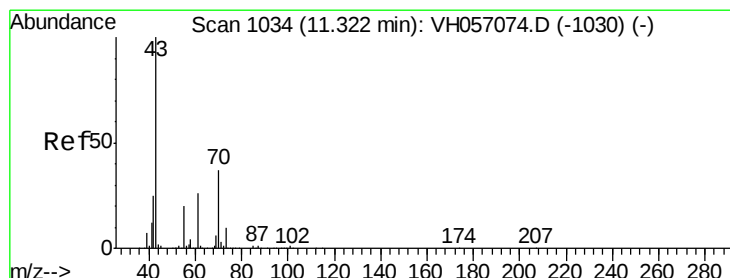
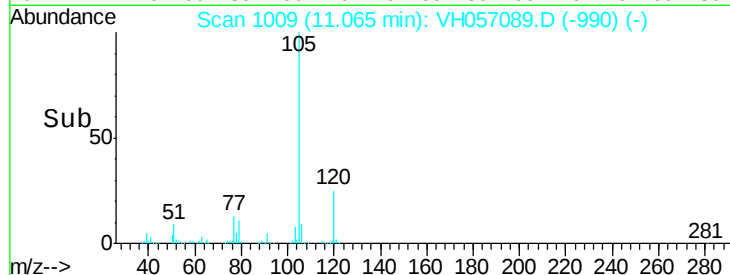
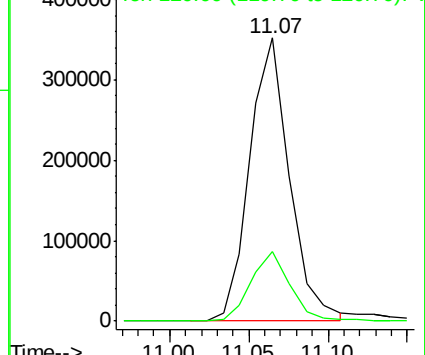
105 100

120 24.6 12.2 36.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

n-Amyl Acetate

Concen: 19.89 ug/l

RT: 11.32 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Tgt Ion: 43 Resp: 594890

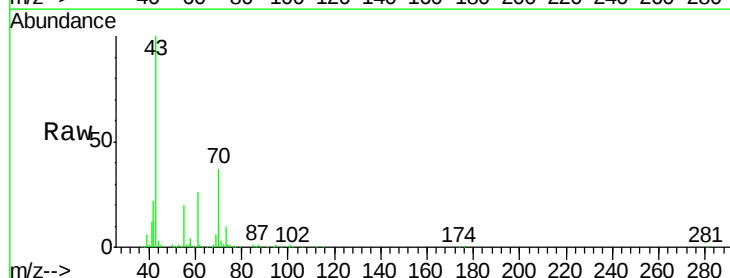
Ion Ratio Lower Upper

43 100

70 36.7 27.3 40.9

55 19.5 15.3 22.9

61 25.9 19.4 29.0

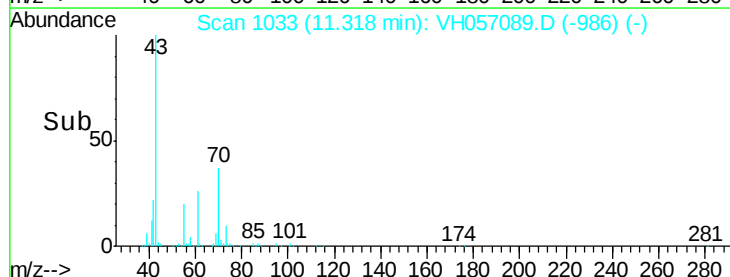
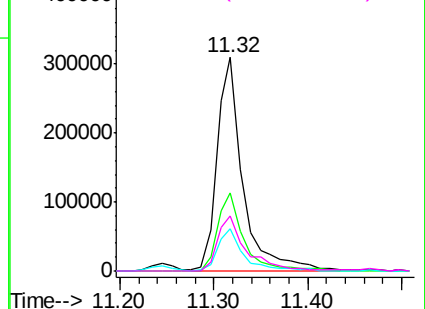


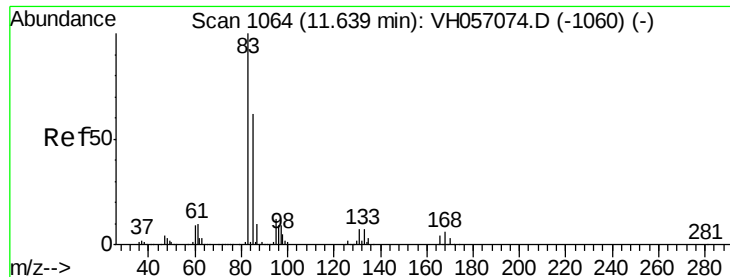
Abundance Ion 43.05 (42.75 to 43.75): V

Ion 70.05 (69.75 to 70.75): V

Ion 55.05 (54.75 to 55.75): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.79 ug/l

RT: 11.63 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

VH0921MBS01

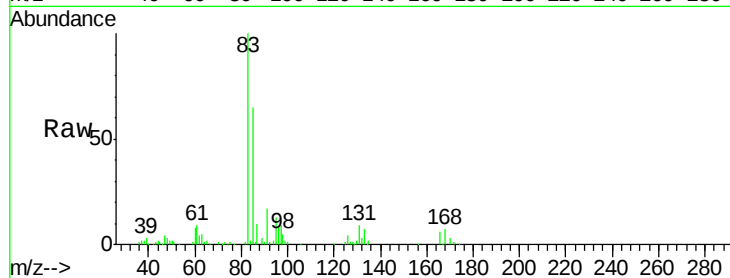
Tgt Ion: 83 Resp: 306901

Ion Ratio Lower Upper

83 100

131 8.9 3.1 9.3

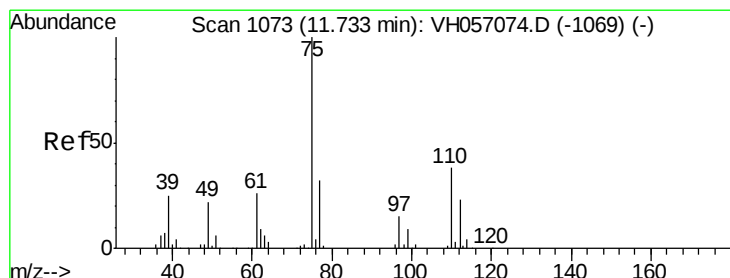
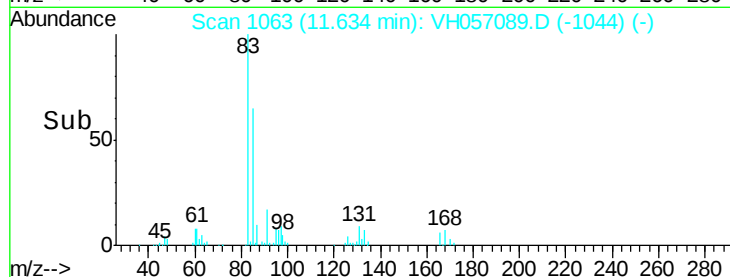
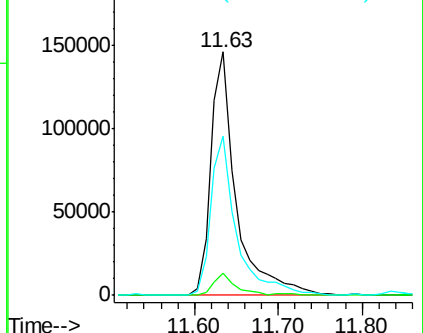
85 65.3 32.3 96.8



Abundance Ion 83.00 (82.70 to 83.70): VH0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VH0



#76

1,2,3-Trichloropropane

Concen: 20.46 ug/l

RT: 11.73 min Scan# 1072

Delta R.T. -0.00 min

Lab File: VH057089.D

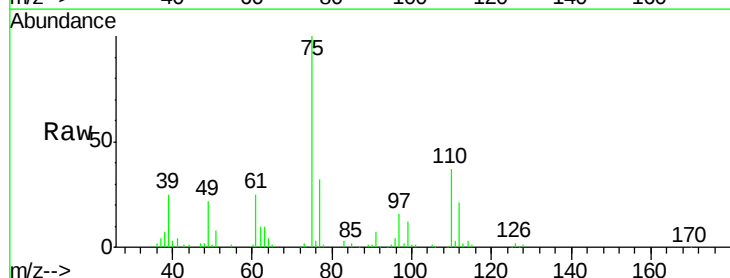
Acq: 21 Sep 2015 12:29

Tgt Ion: 75 Resp: 236930

Ion Ratio Lower Upper

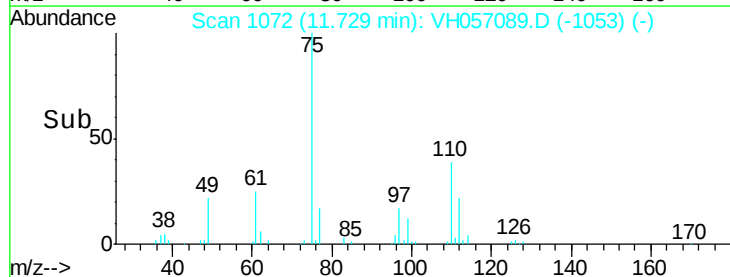
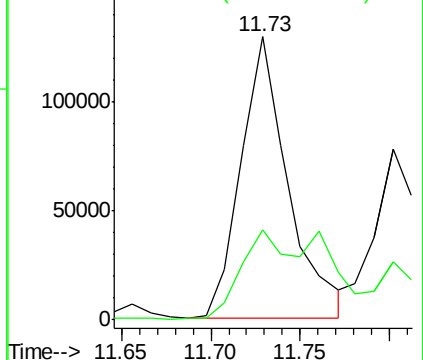
75 100

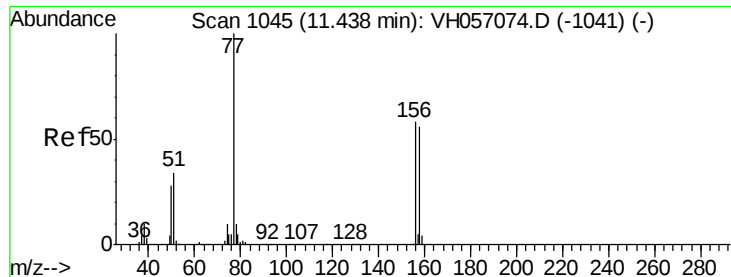
77 31.7 14.9 44.9



Abundance Ion 75.00 (74.70 to 75.70): VH0

Ion 77.00 (76.70 to 77.70): VH0





#77

Bromobenzene

Concen: 22.67 ug/l

RT: 11.43 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

VH0921MBS01

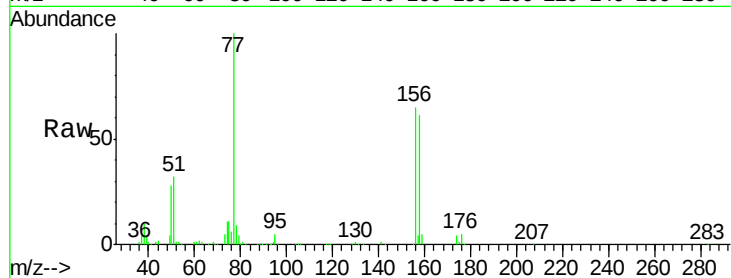
Tgt Ion:156 Resp: 181680

Ion Ratio Lower Upper

156 100

77 153.9 73.5 220.5

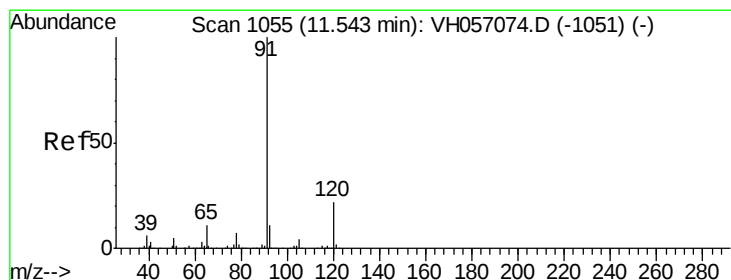
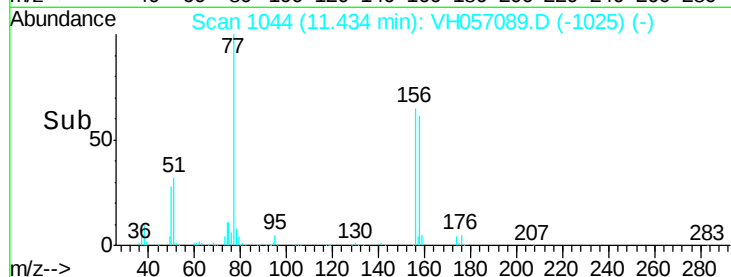
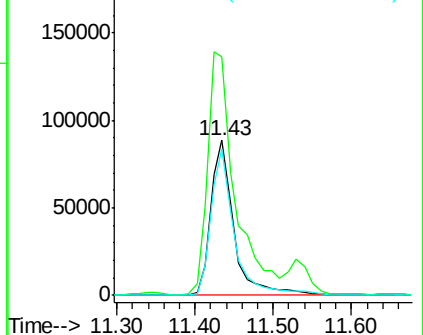
158 94.2 46.8 140.3



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 22.27 ug/l

RT: 11.53 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VH057089.D

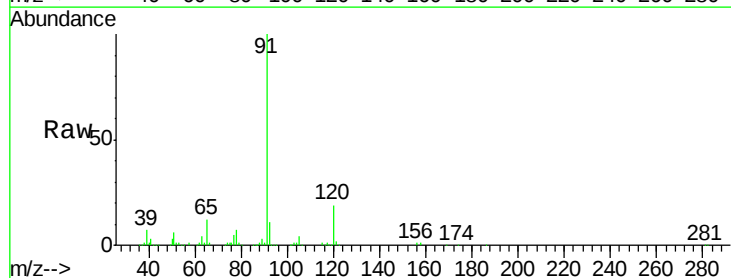
Acq: 21 Sep 2015 12:29

Tgt Ion: 91 Resp: 670317

Ion Ratio Lower Upper

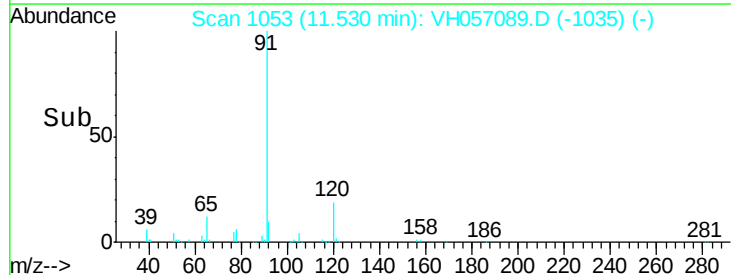
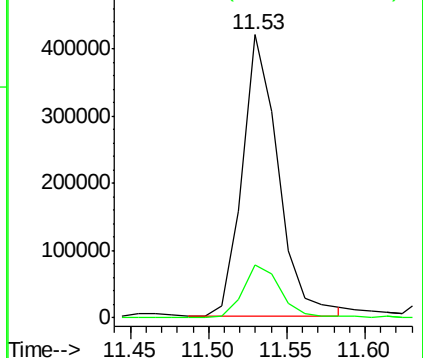
91 100

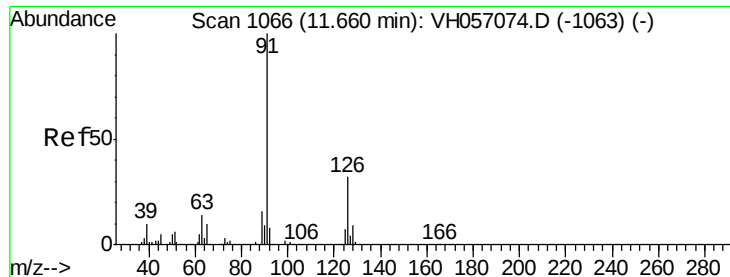
120 18.8 10.2 30.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.17 ug/l

RT: 11.66 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

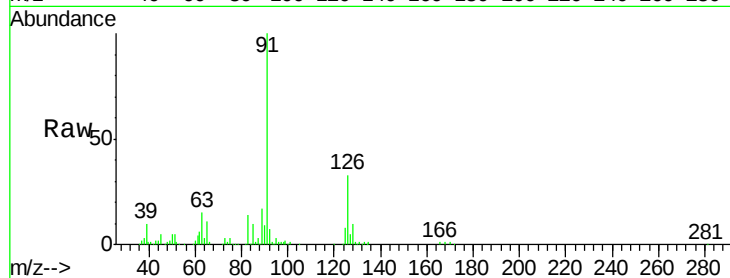
VH0921MBS01

Tgt Ion: 91 Resp: 384482

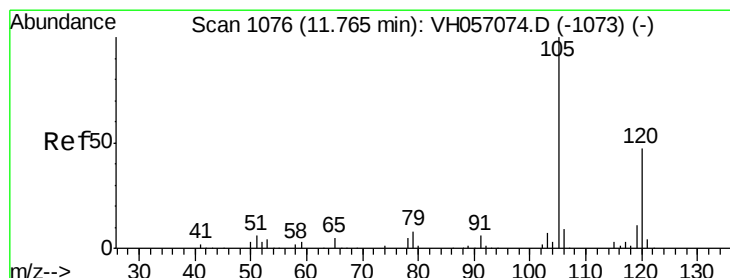
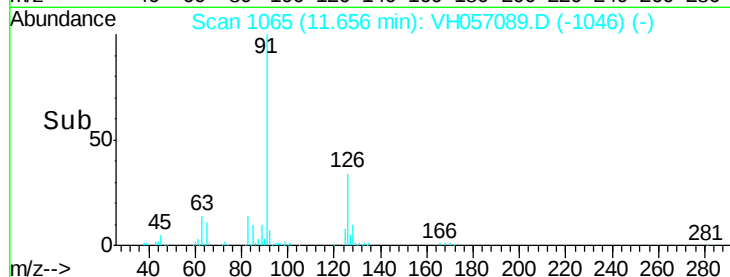
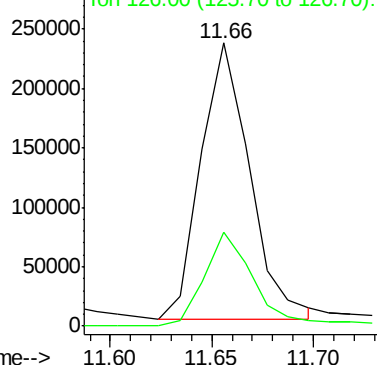
Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VH057074.D (-1063) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.92 ug/l

RT: 11.76 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VH057089.D

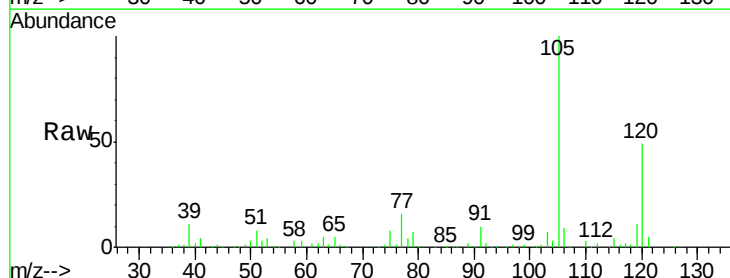
Acq: 21 Sep 2015 12:29

Tgt Ion: 105 Resp: 421753

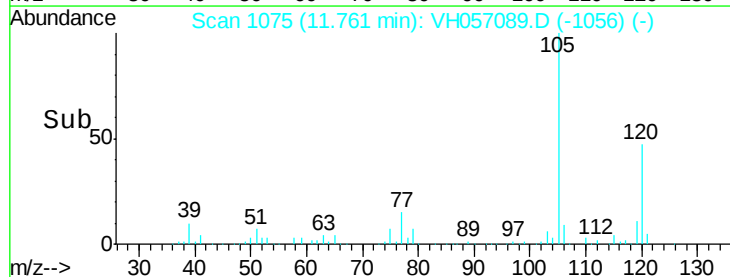
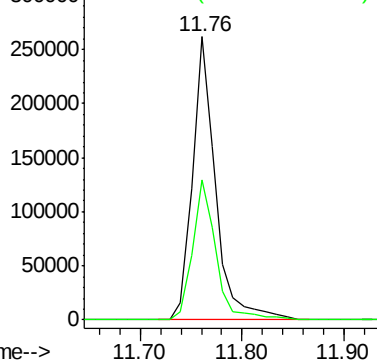
Ion Ratio Lower Upper

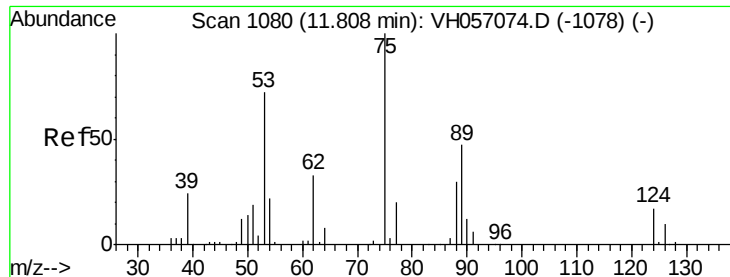
105 100

120 49.4 23.6 71.0



Abundance Ion 105.00 (104.70 to 105.70): VH057074.D (-1073) (-)





#81

trans-1,4-Dichloro-2-Butene

Concen: 20.86 ug/l

RT: 11.80 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampleId :

VH0921MBS01

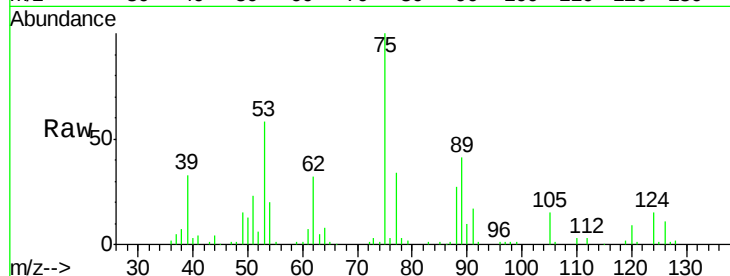
Tgt Ion: 75 Resp: 176041

Ion Ratio Lower Upper

75 100

53 58.3 32.0 96.2

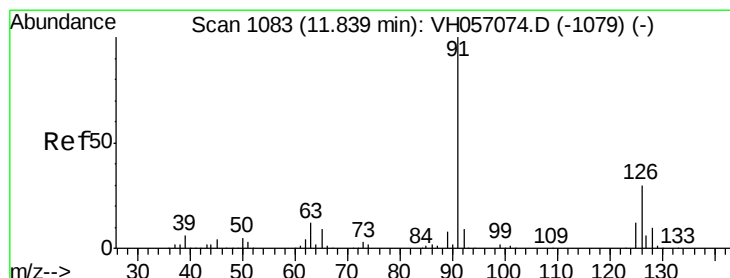
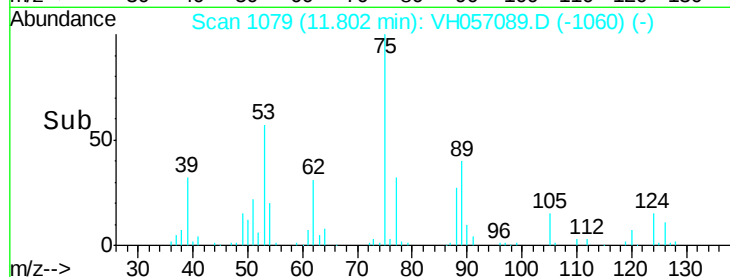
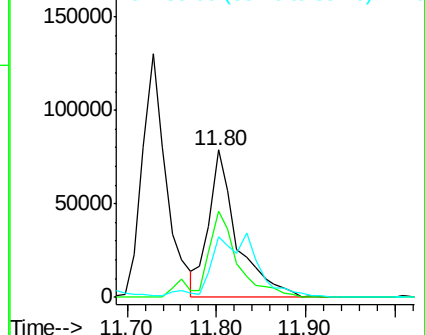
89 40.8 21.1 63.3



Abundance Ion 75.00 (74.70 to 75.70): VH0

Ion 53.00 (52.70 to 53.70): VH0

Ion 89.00 (88.70 to 89.70): VH0



#82

4-Chlorotoluene

Concen: 21.98 ug/l

RT: 11.83 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VH057089.D

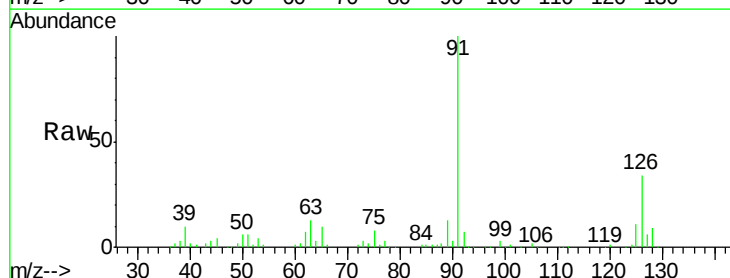
Acq: 21 Sep 2015 12:29

Tgt Ion: 91 Resp: 482033

Ion Ratio Lower Upper

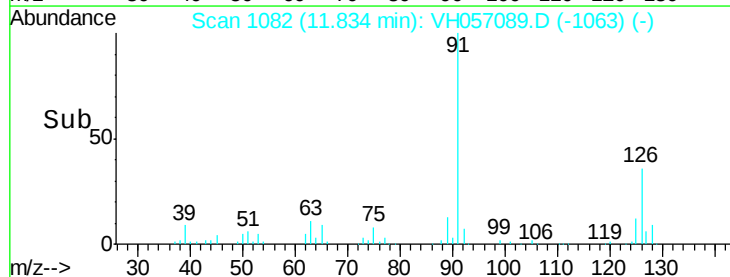
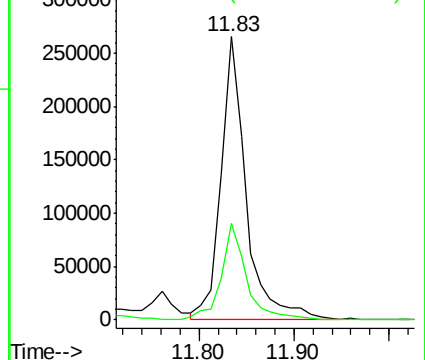
91 100

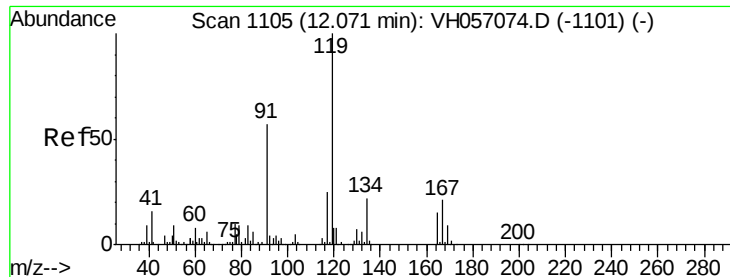
126 34.1 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VH0

Ion 126.00 (125.70 to 126.70): V

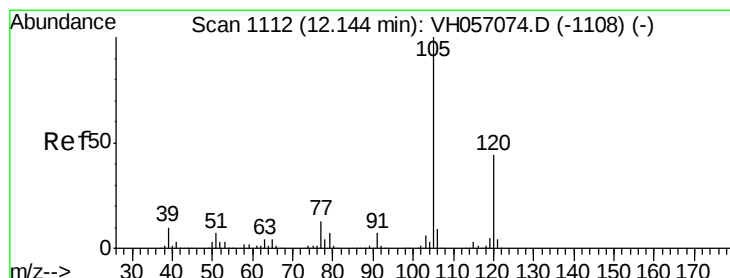
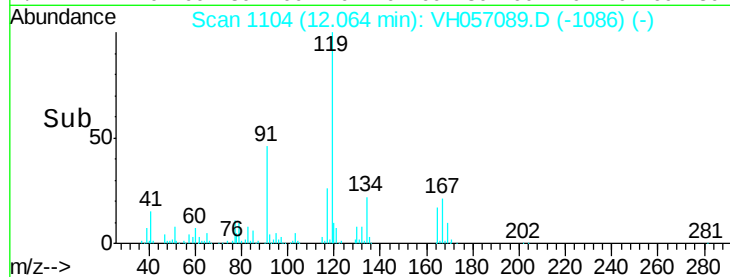
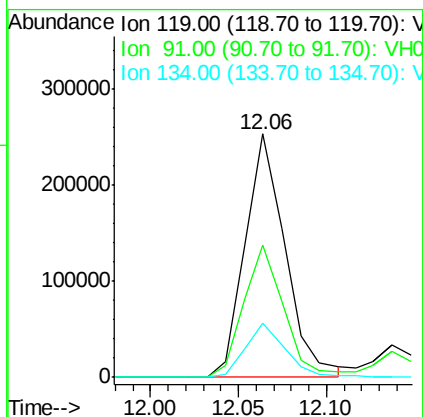
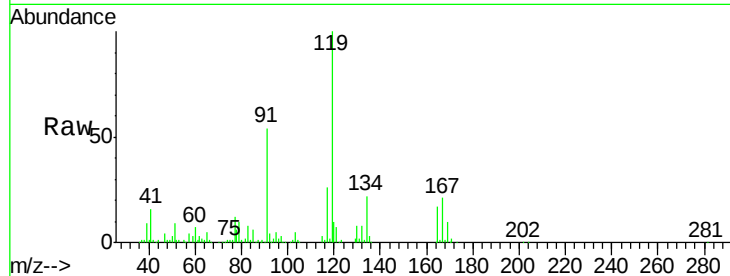




#83
 tert-Butylbenzene
 Concen: 23.17 ug/l
 RT: 12.06 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

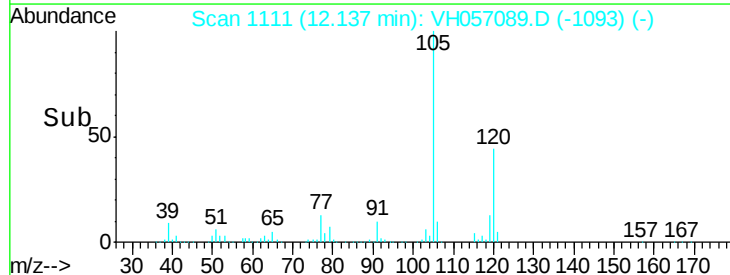
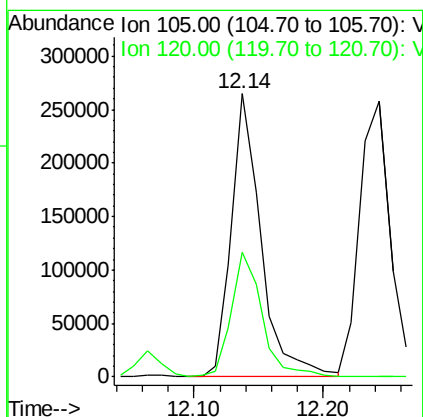
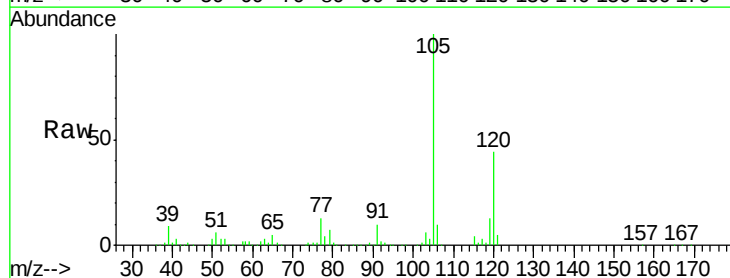
Instrument :
 MSVOA_H
 ClientSampleId :
 VH0921MBS01

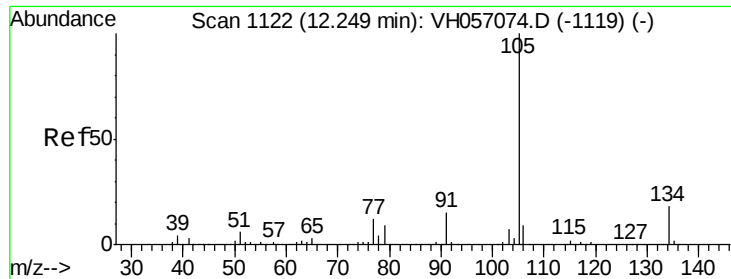
Tgt Ion:119 Resp: 402467
 Ion Ratio Lower Upper
 119 100
 91 54.3 28.5 85.6
 134 22.4 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 22.15 ug/l
 RT: 12.14 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

Tgt Ion:105 Resp: 420561
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.6 67.7

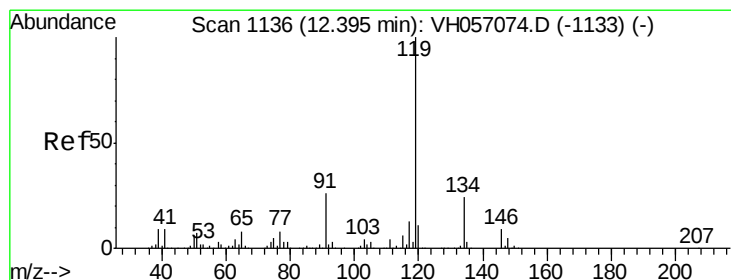
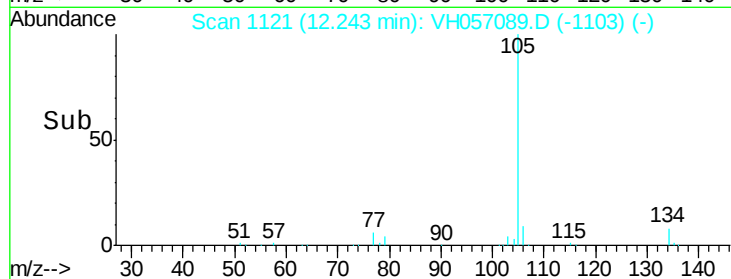
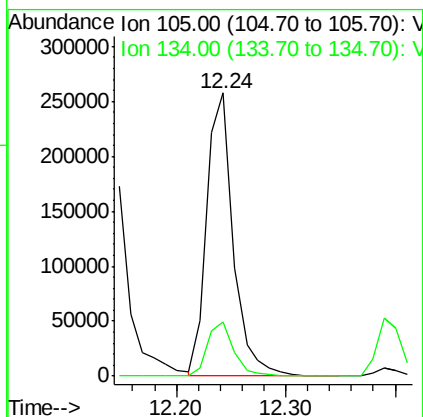
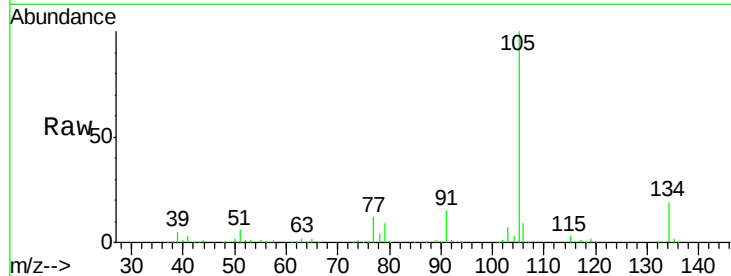




#85
 sec-Butylbenzene
 Concen: 23.27 ug/l
 RT: 12.24 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

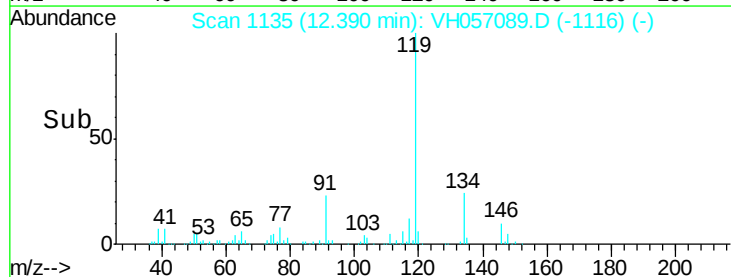
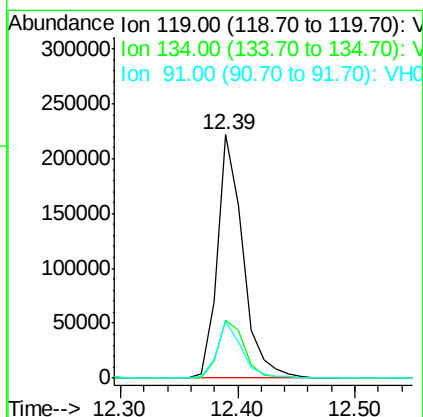
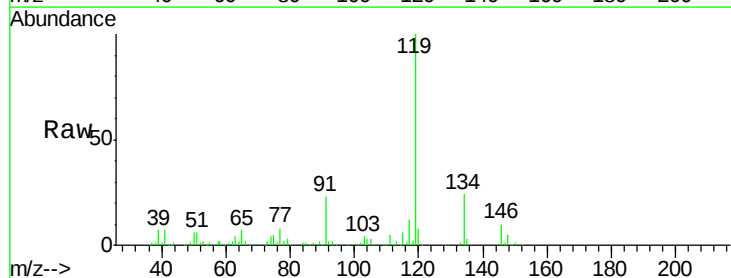
Instrument :
 MSVOA_H
 ClientSampleId :
 VH0921MBS01

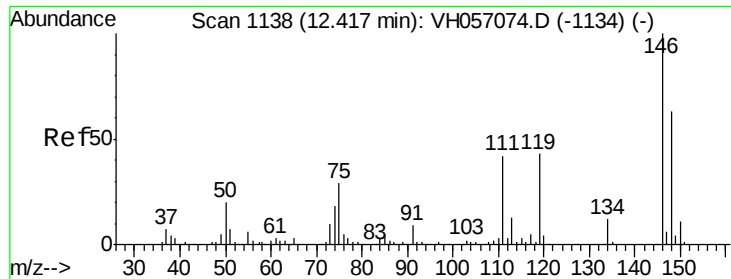
Tgt Ion:105 Resp: 432210
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 23.81 ug/l
 RT: 12.39 min Scan# 1135
 Delta R.T. -0.01 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

Tgt Ion:119 Resp: 335766
 Ion Ratio Lower Upper
 119 100
 134 23.7 13.0 38.9
 91 23.1 12.5 37.5

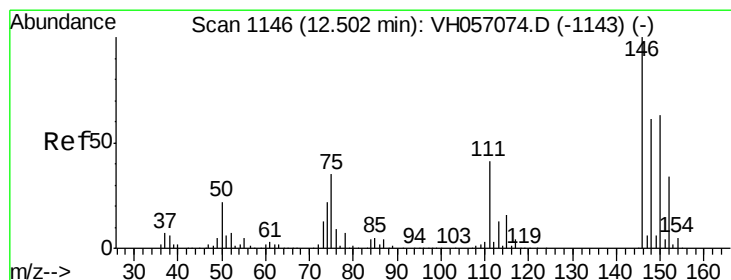
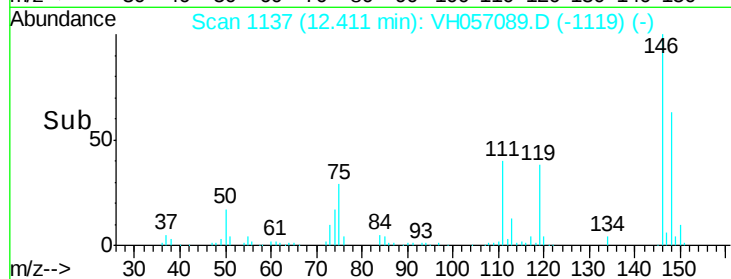
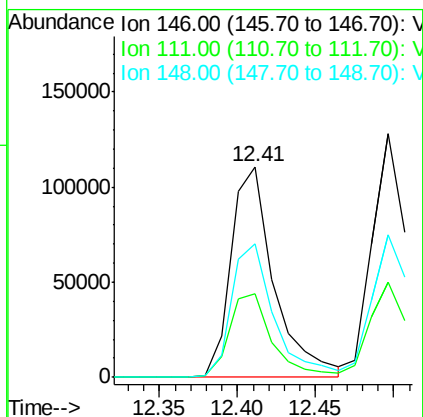
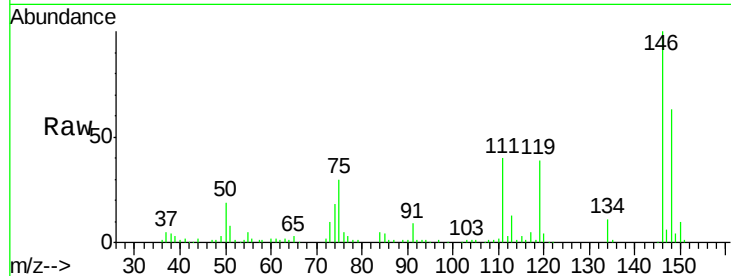




#87
 1,3-Dichlorobenzene
 Concen: 22.25 ug/l
 RT: 12.41 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

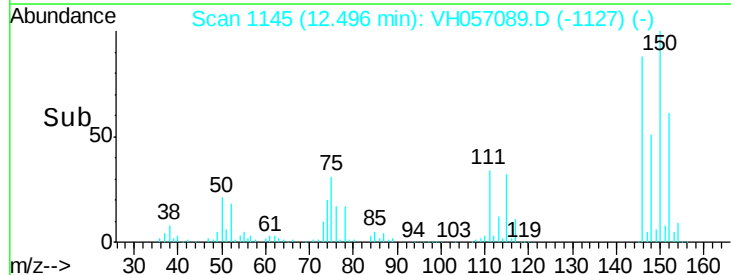
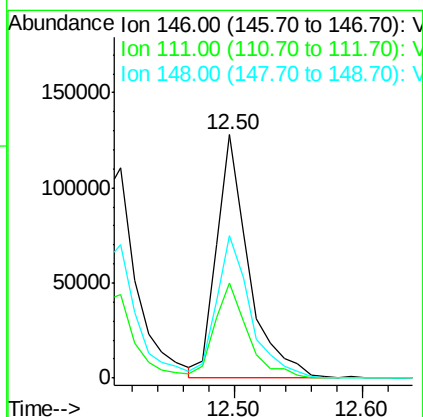
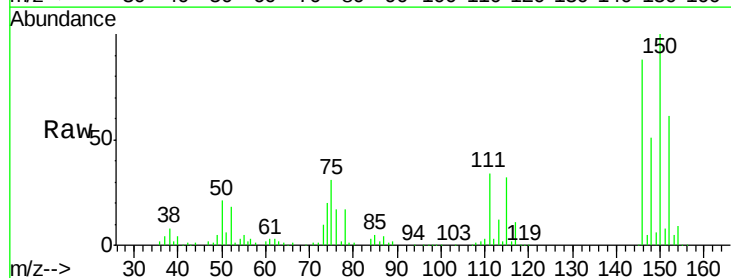
Instrument :
 MSVOA_H
 ClientSampleId :
 VH0921MBS01

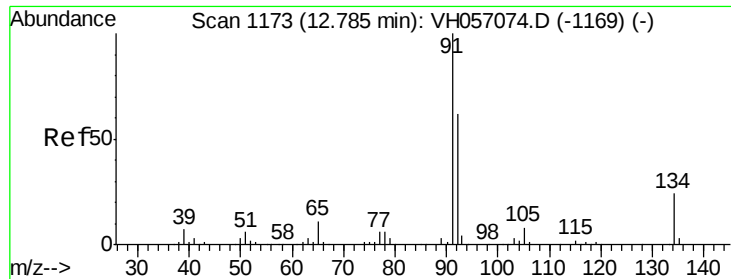
Tgt Ion:146 Resp: 212774
 Ion Ratio Lower Upper
 146 100
 111 39.7 21.0 63.0
 148 63.4 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 22.76 ug/l
 RT: 12.50 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

Tgt Ion:146 Resp: 225364
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.8 59.3
 148 58.4 30.3 90.9

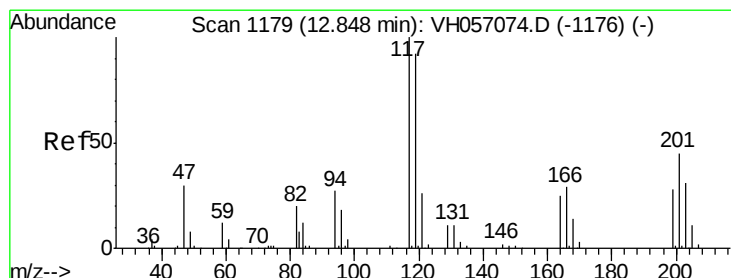
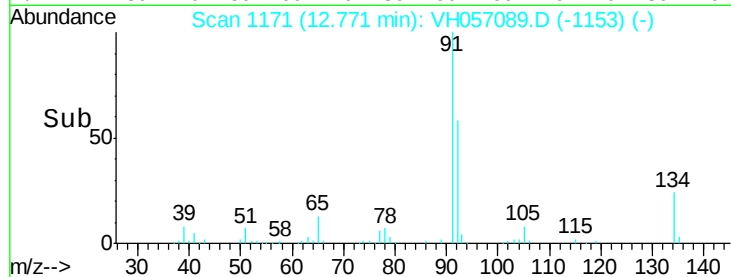
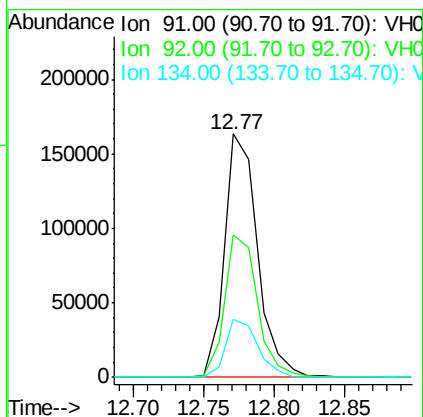
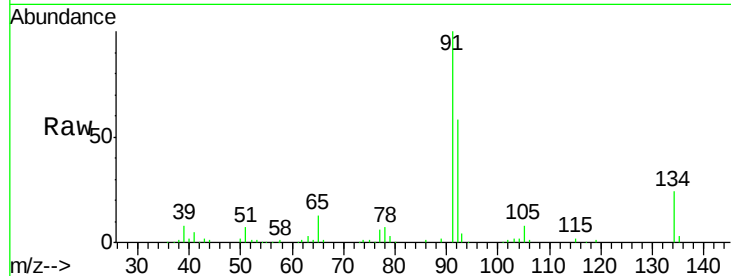




#89
n-Butylbenzene
Concen: 23.53 ug/l
RT: 12.77 min Scan# 1171
Delta R.T. -0.01 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

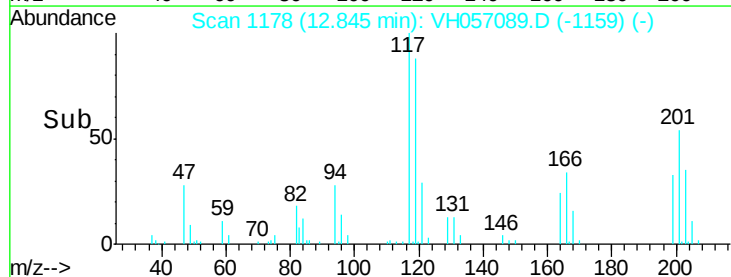
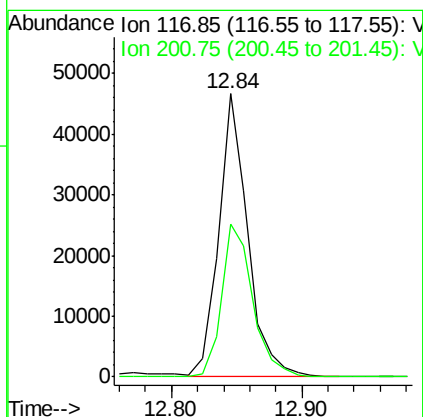
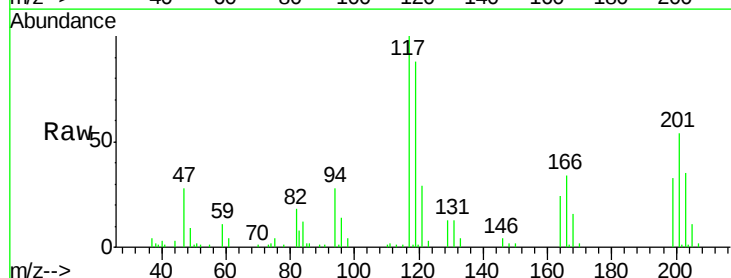
Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS01

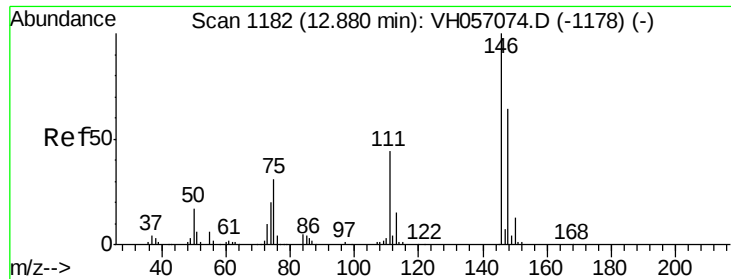
Tgt Ion: 91 Resp: 265212
Ion Ratio Lower Upper
91 100
92 58.5 31.3 93.9
134 23.6 10.5 31.6



#90
Hexachloroethane
Concen: 23.95 ug/l
RT: 12.84 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VH057089.D
Acq: 21 Sep 2015 12:29

Tgt Ion: 117 Resp: 71510
Ion Ratio Lower Upper
117 100
201 53.8 14.0 80.8





#91

1,2-Dichlorobenzene

Concen: 22.11 ug/l

RT: 12.87 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampled :

VH0921MBS01

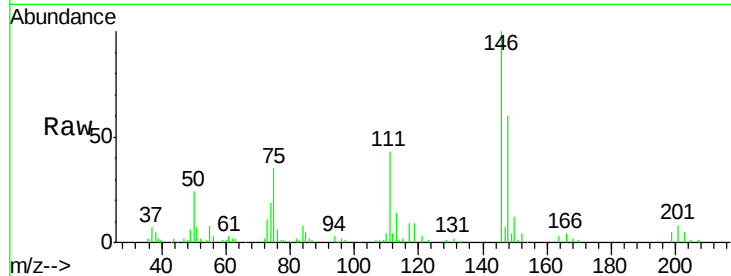
Tgt Ion:146 Resp: 190470

Ion Ratio Lower Upper

146 100

111 42.8 22.1 66.1

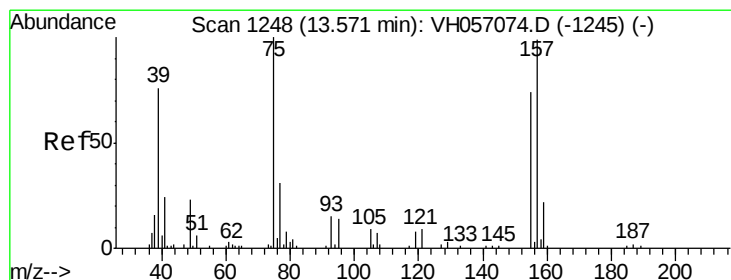
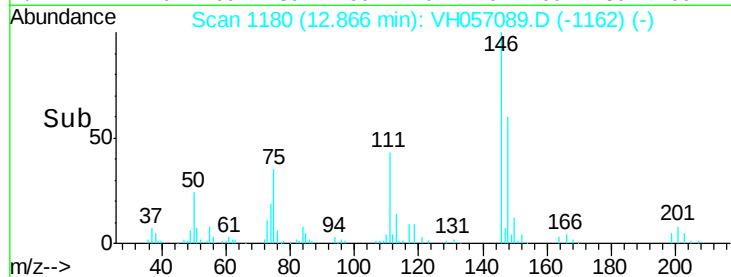
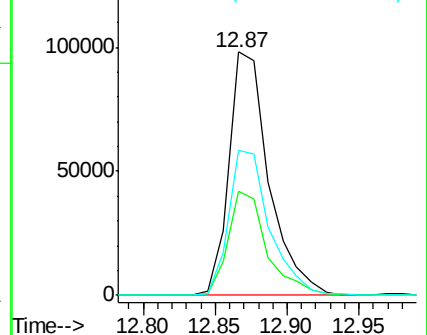
148 59.7 31.4 94.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.81 ug/l

RT: 13.57 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

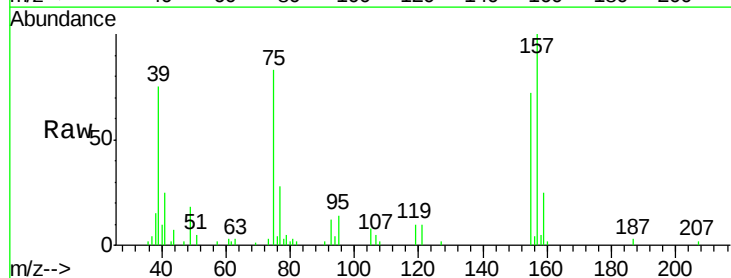
Tgt Ion: 75 Resp: 29484

Ion Ratio Lower Upper

75 100

155 87.2 43.4 130.2

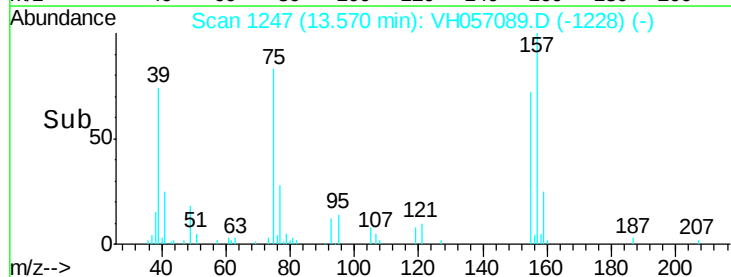
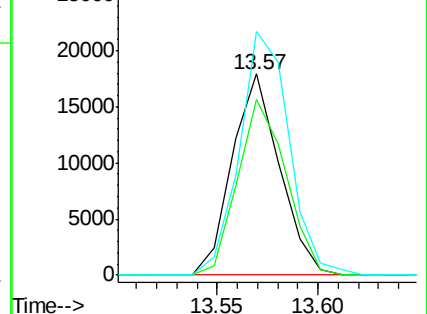
157 121.1 62.8 188.4

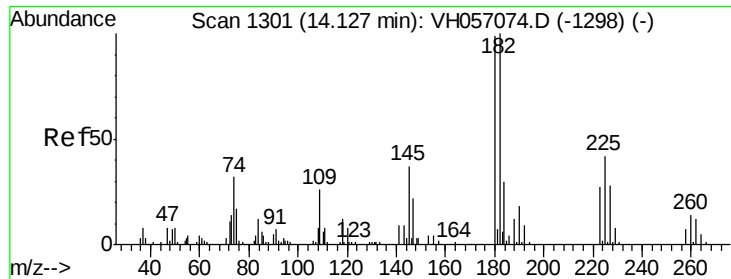


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

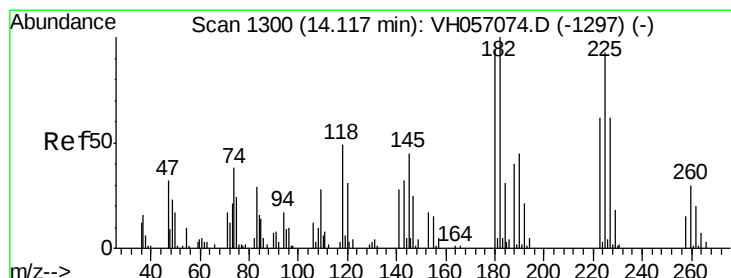
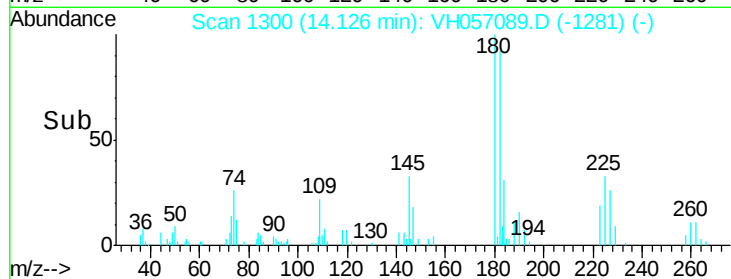
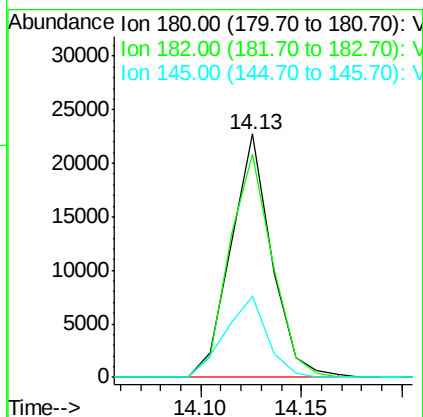
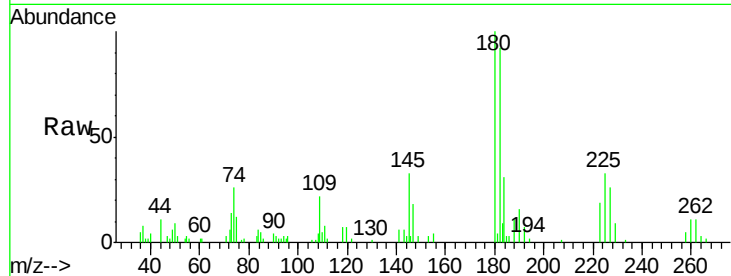




#93
 1,2,4-Trichlorobenzene
 Concen: 19.10 ug/l
 RT: 14.13 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

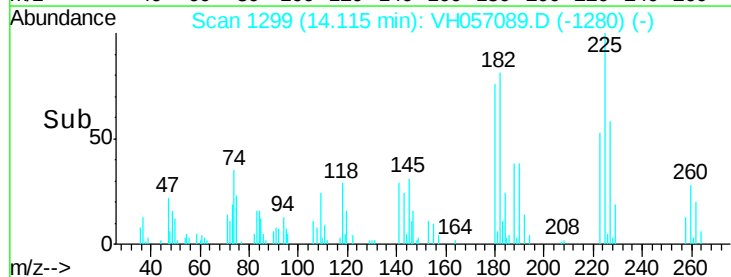
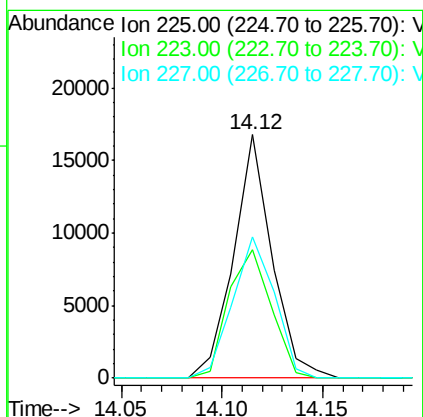
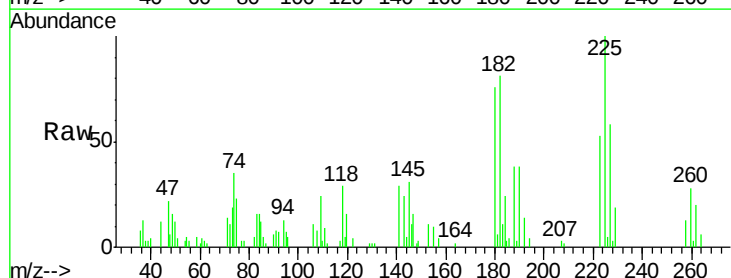
Instrument :
 MSVOA_H
 ClientSampleId :
 VH0921MBS01

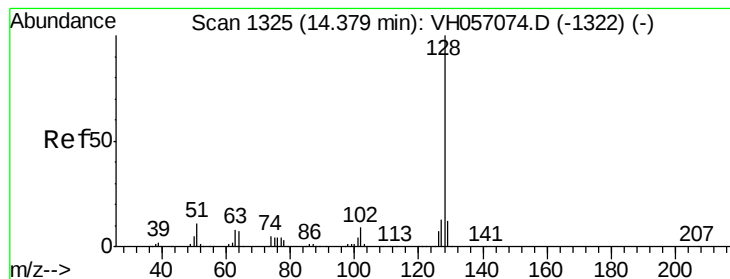
Tgt Ion:180 Resp: 32036
 Ion Ratio Lower Upper
 180 100
 182 91.6 43.0 129.2
 145 33.3 17.3 52.0



#94
 Hexachlorobutadiene
 Concen: 24.75 ug/l
 RT: 14.12 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: VH057089.D
 Acq: 21 Sep 2015 12:29

Tgt Ion:225 Resp: 22061
 Ion Ratio Lower Upper
 225 100
 223 52.9 30.3 90.8
 227 60.8 30.5 91.5





#95

Naphthalene

Concen: 18.87 ug/l

RT: 14.38 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

Instrument :

MSVOA_H

ClientSampled :

VH0921MBS01

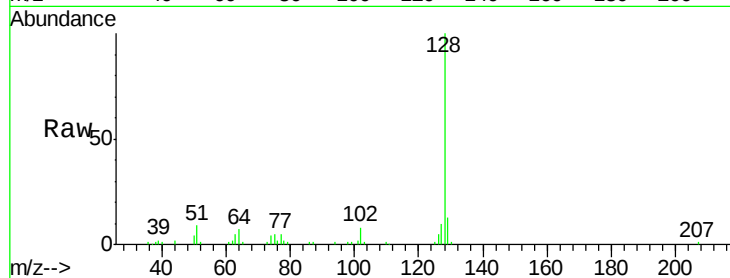
Tgt Ion:128 Resp: 121556

Ion Ratio Lower Upper

128 100

127 9.7 9.6 14.4

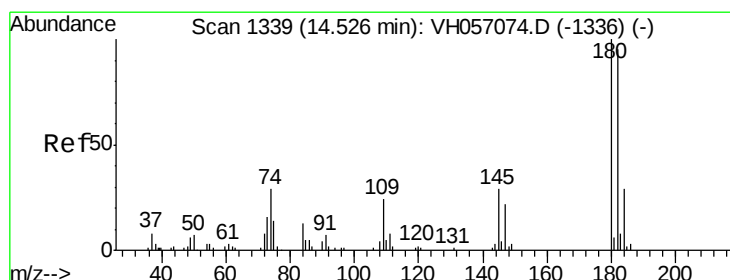
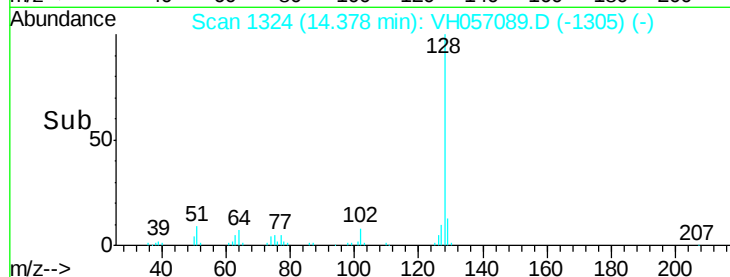
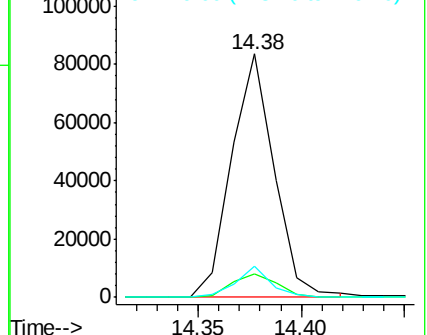
129 12.8 8.7 13.1



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: 19.28 ug/l

RT: 14.52 min Scan# 1338

Delta R.T. -0.00 min

Lab File: VH057089.D

Acq: 21 Sep 2015 12:29

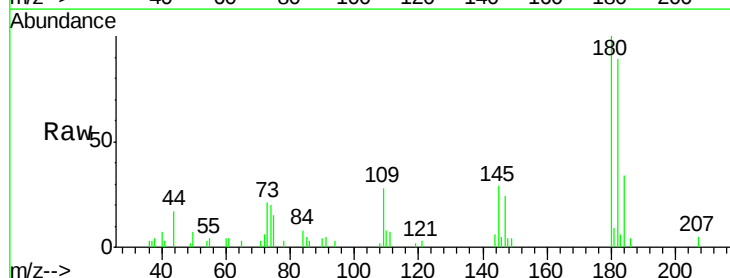
Tgt Ion:180 Resp: 20108

Ion Ratio Lower Upper

180 100

182 89.1 47.1 141.3

145 29.4 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

