

Data Path : W:\HPCHEM1\MSVOA_H\DATA\XH092115\
 Data File : VH057099.D
 Acq On : 21 Sep 2015 19:07
 Operator : SY/FY
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_H/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 22 04:41:36 2015
 Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:34:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	940723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.56	114	1652693	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.72	117	1280277	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.49	152	355782	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		4.81	65	661085	39.35	ug/l	0.00
Spiked Amount	50.000	Range	66 - 150	Recovery	=	78.70%	
35) Dibromofluoromethane		4.08	113	606843	46.12	ug/l	0.00
Spiked Amount	50.000	Range	76 - 130	Recovery	=	92.24%	
48) Toluene-d8		7.51	98	1777427	46.98	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 121	Recovery	=	93.96%	
62) 4-Bromofluorobenzene		11.35	95	574710	45.04	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	90.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.93	85	483363	40.73	ug/l	95
3) Chloromethane	1.02	50	589328	39.37	ug/l	98
4) Vinyl Chloride	1.09	62	519298	41.97	ug/l	96
5) Bromomethane	1.27	94	256693	47.03	ug/l	97
6) Chloroethane	1.35	64	217049	42.47	ug/l	96
7) Trichlorofluoromethane	1.40	101	163888	14.16	ug/l	89
8) Tert butyl alcohol	2.55	59	592680	196.50	ug/l	99
9) Diethyl Ether	1.61	74	264626	46.25	ug/l	58
10) Diisopropyl ether	2.77	45	1671885	39.86	ug/l #	96
11) 1,1-Dichloroethene	1.76	96	408413	47.06	ug/l	79
12) Methyl Iodide	1.86	142	556988	36.42	ug/l	87
13) Acrolein	1.97	56	319299	177.03	ug/l	96
14) 1,1,2-Trichlorotrifluoroet	1.80	101	389708	46.10	ug/l	92
15) Acrylonitrile	2.90	53	1192330	216.76	ug/l	99
16) Allyl Chloride	2.07	41	699287	39.09	ug/l	94
17) Acetone	2.20	43	1323137	183.40	ug/l	96
18) Carbon Disulfide	1.77	76	1105614	43.20	ug/l	98
19) Methyl Acetate	2.32	43	1751956	40.07	ug/l	98
20) Methyl tert-butyl Ether	2.40	73	1497054	43.08	ug/l	94
21) Methylene Chloride	2.15	84	235188	24.77	ug/l #	76
22) trans-1,2-Dichloroethene	2.28	96	465246	48.77	ug/l	93
23) Vinyl Acetate	3.16	43	4043507	203.72	ug/l #	95
24) 1,1-Dichloroethane	2.84	63	888641	43.03	ug/l	97
25) 2-Butanone	4.30	43	3134797	200.88	ug/l	94
26) 2,2-Dichloropropane	3.56	77	553852	42.72	ug/l	96
27) cis-1,2-Dichloroethene	3.45	96	662245	49.70	ug/l	91
28) Bromochloromethane	3.69	128	240882	54.12	ug/l	78
29) Chloroform	3.82	83	1097196	44.95	ug/l	93
30) Cyclohexane	3.67	56	691506	41.79	ug/l	92
31) Tetrahydrofuran	4.04	42	1760896	201.03	ug/l #	87
32) 1,1,1-Trichloroethane	4.06	97	753786	42.89	ug/l	97
36) 1,1-Dichloropropene	4.25	75	837725	46.13	ug/l	97
37) Ethyl acetate	4.08	43	1438568	42.20	ug/l #	93
38) Carbon Tetrachloride	3.96	117	594888	42.08	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.60	78	2099772	48.56	ug/l	99
40) Methacrylonitrile	4.70	41	635843	42.14	ug/l	84
41) 1,2-Dichloroethane	4.90	62	829820	43.48	ug/l	98
42) Isopropyl Acetate	5.45	43	1874548	42.11	ug/l #	92
43) Trichloroethene	5.47	130	582102	52.97	ug/l	97
44) Methylcyclohexane	5.42	83	490036	46.82	ug/l	96
45) 1,2-Dichloropropane	6.19	63	621556	45.34	ug/l	98
46) Dibromomethane	6.04	93	426147	47.80	ug/l	96
47) Bromodichloromethane	6.34	83	835350	45.74	ug/l	97
49) 4-Methyl-2-Pentanone	8.20	43	5561372	206.26	ug/l	96
50) Toluene	7.58	92	1354668	48.93	ug/l	97
51) t-1,3-Dichloropropene	8.22	75	982531	46.92	ug/l	100
52) Methyl Methacrylate	6.67	69	661014	48.72	ug/l	91
53) 1,4-Dioxane	6.66	88	125873	791.05	ug/l	96
54) cis-1,3-Dichloropropene	7.25	75	1058826	47.62	ug/l	92
55) 1,1,2-Trichloroethane	8.44	97	560990	47.73	ug/l	97
56) Ethyl Methacrylate	8.57	69	1133049	48.81	ug/l	89
57) 1,3-Dichloropropane	8.80	76	1128261	47.20	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.25	63	2611130	227.50	ug/l	91
59) 2-Hexanone	9.43	43	4317214	204.92	ug/l	96
60) Dibromochloromethane	8.66	129	665547	49.95	ug/l	99
61) 1,2-Dibromoethane	8.92	107	689015	50.94	ug/l	98
64) Tetrachloroethene	8.11	164	409919	56.51	ug/l	96
65) Chlorobenzene	9.74	112	1408444	50.56	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.86	131	480414	49.98	ug/l	98
67) Ethyl Benzene	9.84	106	665564	49.91	ug/l	90
68) m/p-Xylenes	10.07	106	1598047	98.52	ug/l	92
69) o-Xylene	10.65	106	807717	51.86	ug/l	99
70) Styrene	10.73	104	1356026	49.85	ug/l	97
71) Bromoform	10.71	173	433348	52.69	ug/l	97
73) Isopropylbenzene	11.06	105	1632594	50.25	ug/l	99
74) n-Amyl Acetate	11.32	43	1555693	45.06	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.63	83	830780	48.77	ug/l	99
76) 1,2,3-Trichloropropane	11.73	75	652792	48.84	ug/l	96
77) Bromobenzene	11.43	156	474230	51.28	ug/l	89
78) n-propylbenzene	11.54	91	1620043	46.63	ug/l	93
79) 2-Chlorotoluene	11.66	91	1019218	48.64	ug/l	100
80) 1,3,5-Trimethylbenzene	11.76	105	1010384	47.59	ug/l	97
81) trans-1,4-Dichloro-2-Buten	11.80	75	470461	48.30	ug/l	94
82) 4-Chlorotoluene	11.84	91	1204036	47.56	ug/l	98
83) tert-Butylbenzene	12.07	119	995057	49.65	ug/l	96
84) 1,2,4-Trimethylbenzene	12.14	105	1063582	48.54	ug/l	100
85) sec-Butylbenzene	12.24	105	1015137	47.36	ug/l	95
86) p-Isopropyltoluene	12.39	119	837522	51.46	ug/l	96
87) 1,3-Dichlorobenzene	12.41	146	558714	50.63	ug/l	98
88) 1,4-Dichlorobenzene	12.50	146	607758	53.19	ug/l	97
89) n-Butylbenzene	12.77	91	675324	51.91	ug/l	98
90) Hexachloroethane	12.84	117	176349	51.19	ug/l	91
91) 1,2-Dichlorobenzene	12.88	146	530159	53.33	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.57	75	97070	50.82	ug/l	96

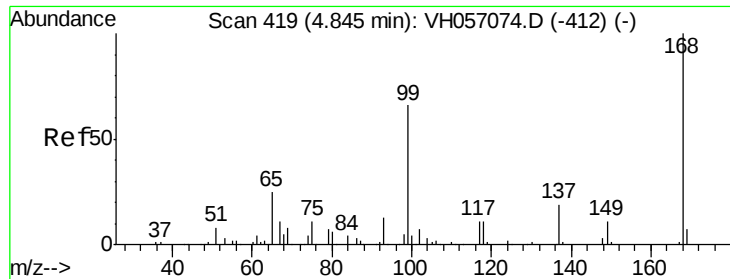
Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.12	180	168575	73.70	ug/l	90
94) Hexachlorobutadiene	14.11	225	86016	83.62	ug/l	94
95) Naphthalene	14.38	128	647791	69.56	ug/l	99
96) 1,2,3-Trichlorobenzene	14.52	180	132915	82.97	ug/l #	92

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.84 min Scan# 419

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

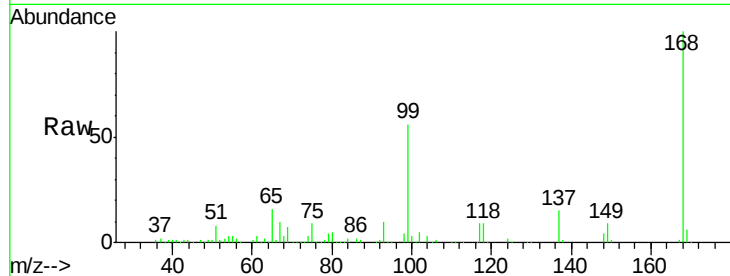
VSTDCCC050EC

Tgt Ion:168 Resp: 940723

Ion Ratio Lower Upper

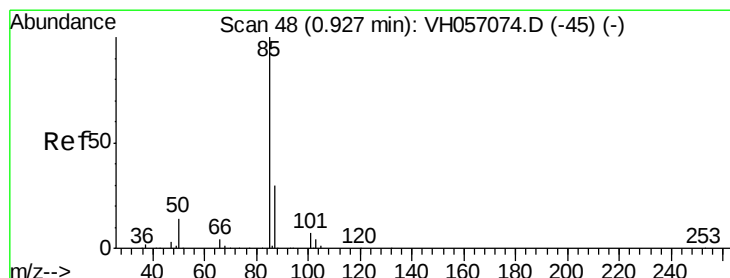
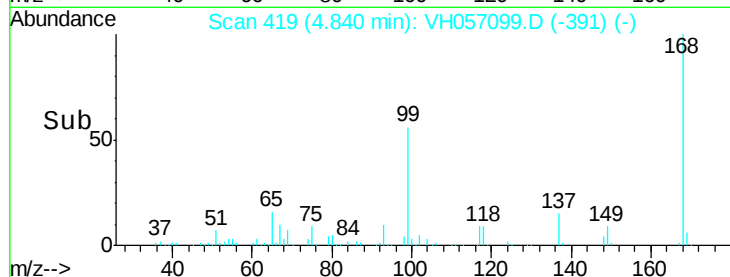
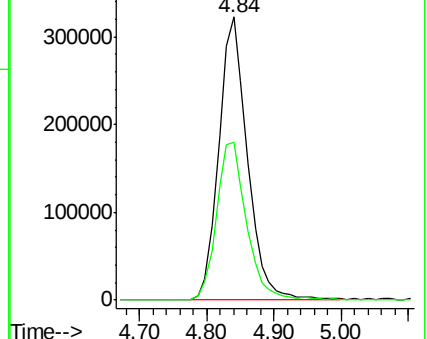
168 100

99 55.9 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: 40.73 ug/l

RT: 0.93 min Scan# 48

Delta R.T. 0.00 min

Lab File: VH057099.D

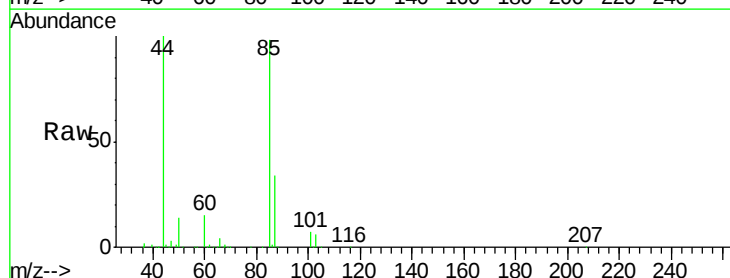
Acq: 21 Sep 2015 19:07

Tgt Ion: 85 Resp: 483363

Ion Ratio Lower Upper

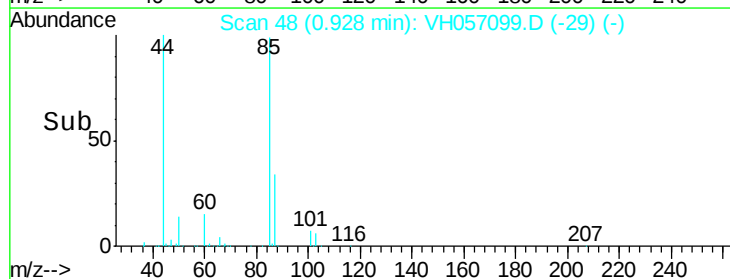
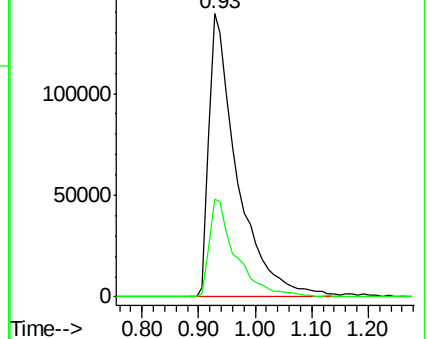
85 100

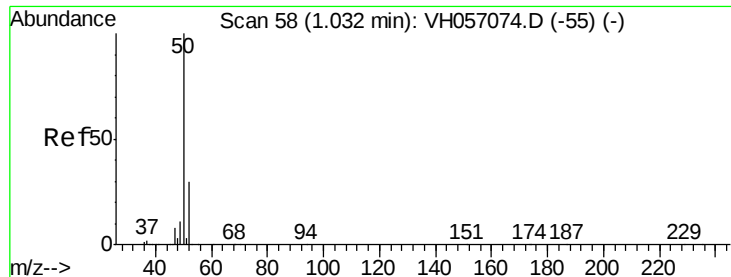
87 34.5 16.0 47.9



Abundance Ion 85.00 (84.70 to 85.70): VHC

Ion 87.00 (86.70 to 87.70): VHC





#3

Chloromethane

Concen: 39.37 ug/l

RT: 1.02 min Scan# 57

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

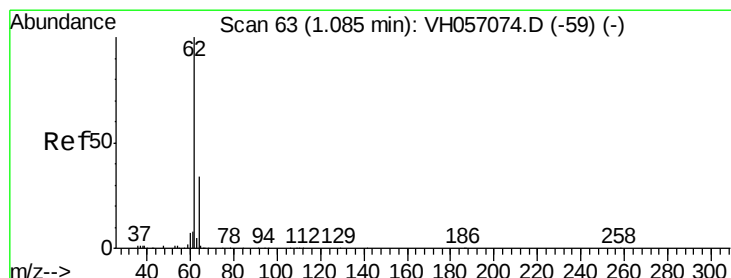
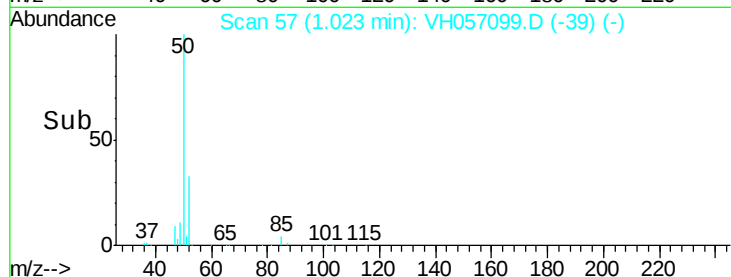
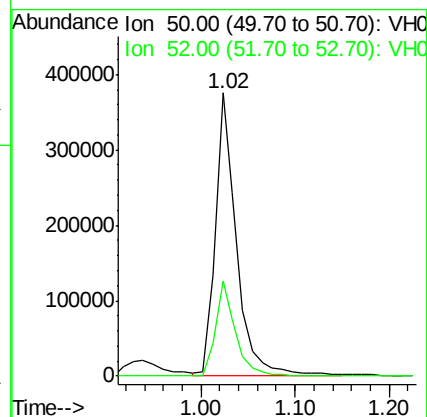
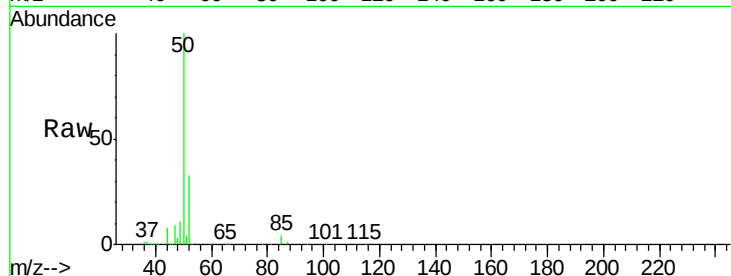
VSTDCCC050EC

Tgt Ion: 50 Resp: 589328

Ion Ratio Lower Upper

50 100

52 33.5 25.8 38.8



#4

Vinyl Chloride

Concen: 41.97 ug/l

RT: 1.09 min Scan# 63

Delta R.T. 0.00 min

Lab File: VH057099.D

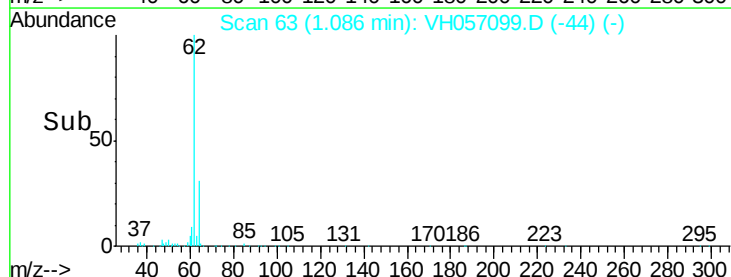
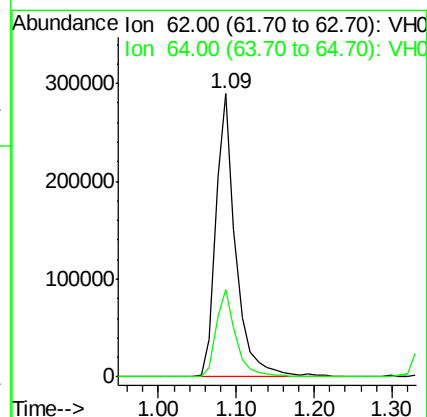
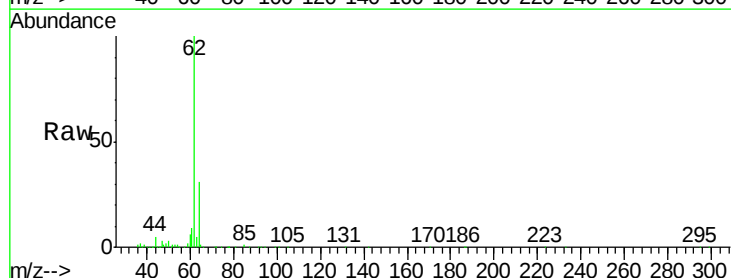
Acq: 21 Sep 2015 19:07

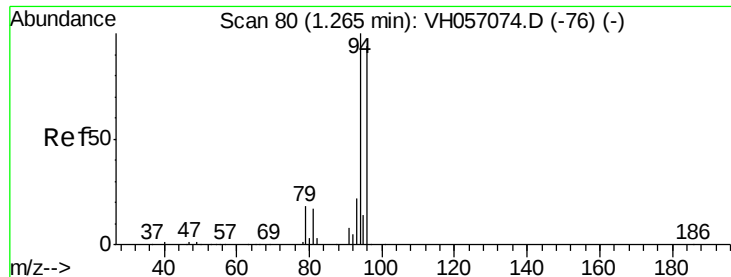
Tgt Ion: 62 Resp: 519298

Ion Ratio Lower Upper

62 100

64 30.8 26.6 40.0





#5

Bromomethane

Concen: 47.03 ug/l

RT: 1.27 min Scan# 80

Delta R.T. 0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

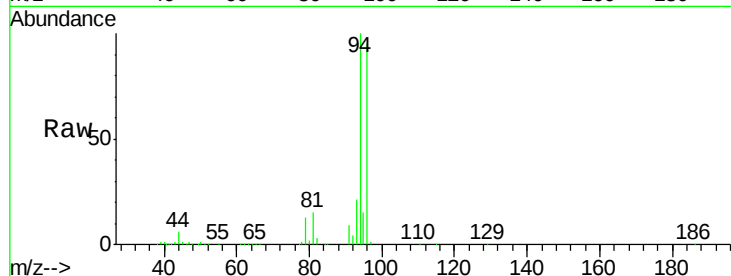
VSTDCCC050EC

Tgt Ion: 94 Resp: 256693

Ion Ratio Lower Upper

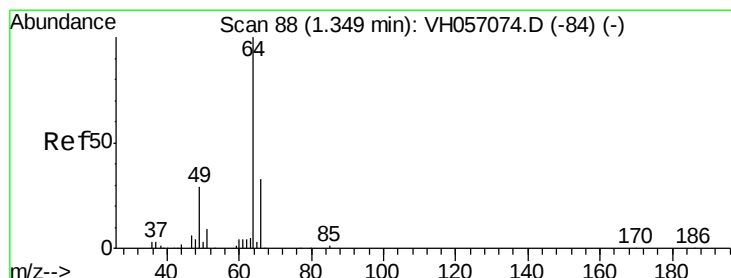
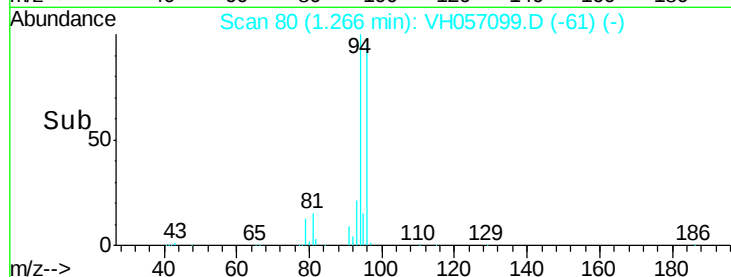
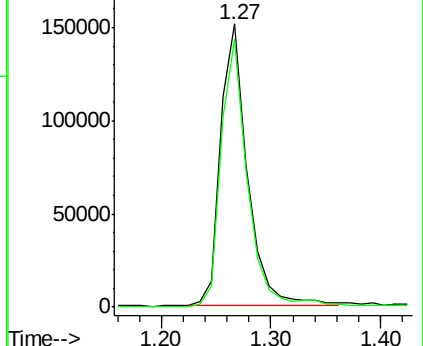
94 100

96 94.7 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: 42.47 ug/l

RT: 1.35 min Scan# 88

Delta R.T. 0.00 min

Lab File: VH057099.D

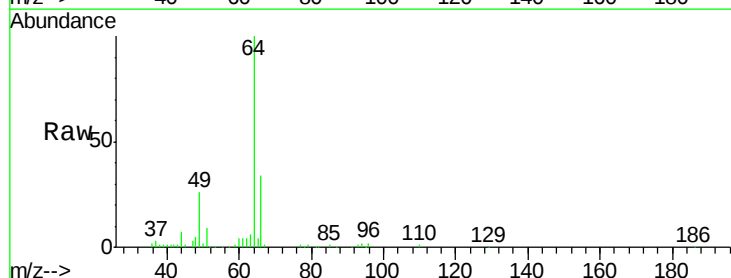
Acq: 21 Sep 2015 19:07

Tgt Ion: 64 Resp: 217049

Ion Ratio Lower Upper

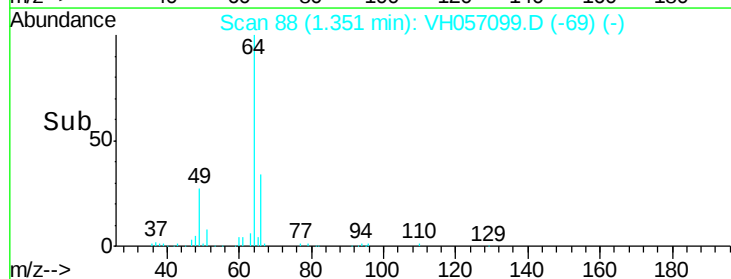
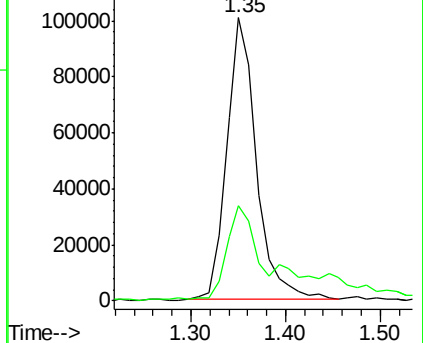
64 100

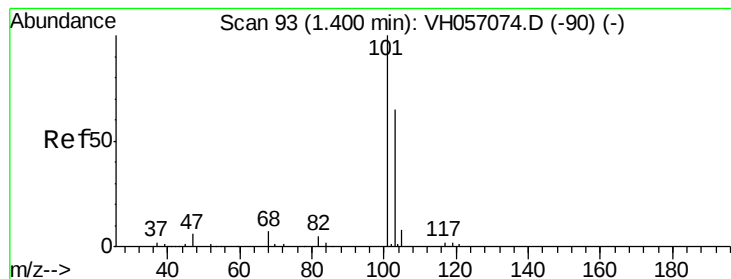
66 33.8 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VH0

Ion 66.00 (65.70 to 66.70): VH0



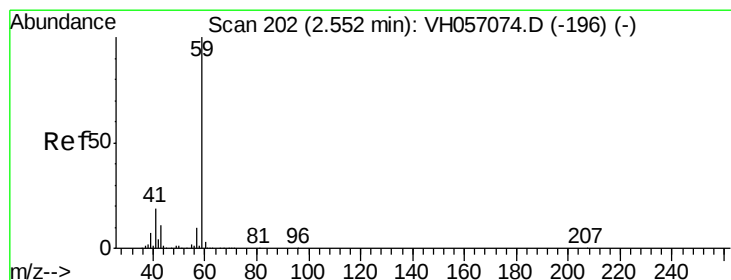
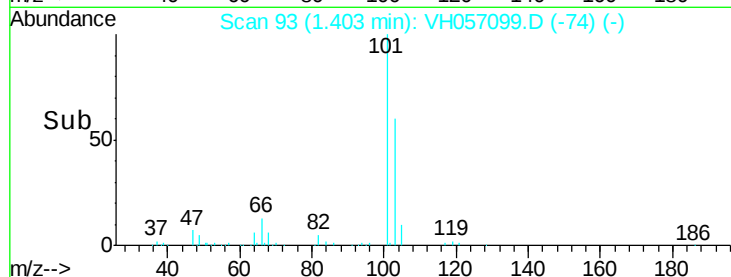
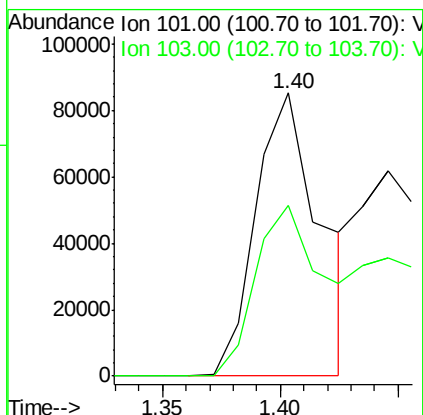
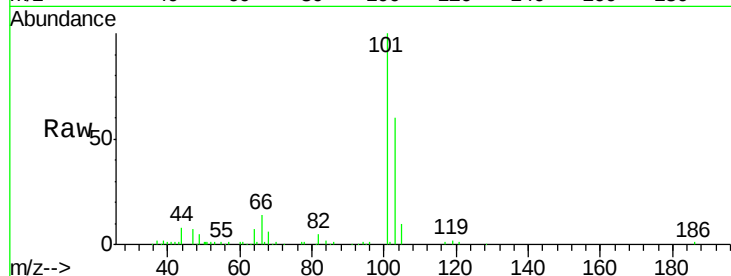


#7

Trichlorofluoromethane
 Concen: 14.16 ug/l
 RT: 1.40 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: VH057099.D
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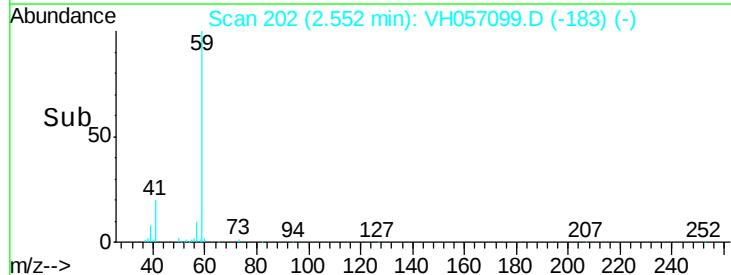
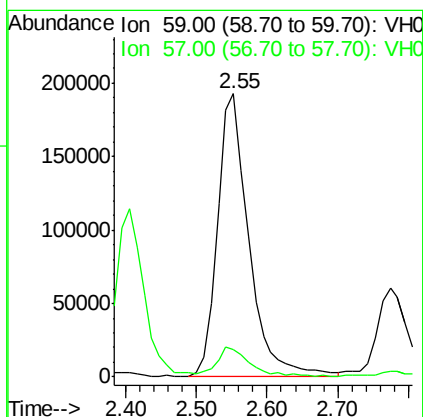
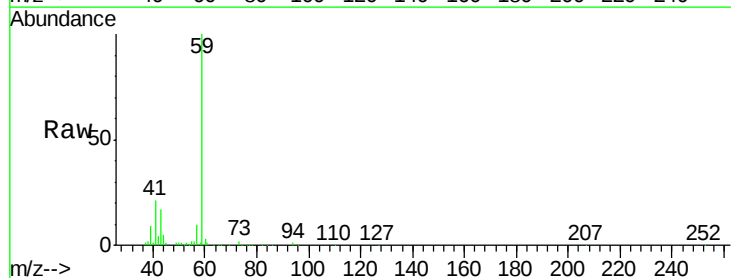
Tgt Ion: 101 Resp: 163888
 Ion Ratio Lower Upper
 101 100
 103 59.9 54.9 82.3

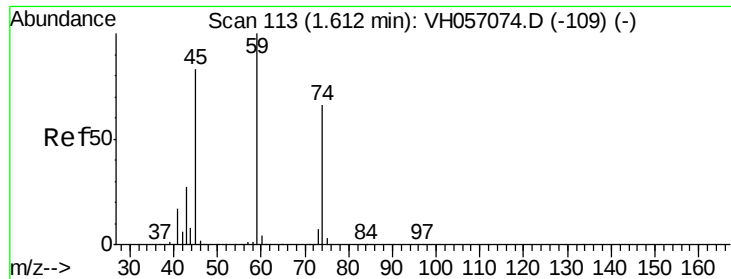


#8

Tert butyl alcohol
 Concen: 196.50 ug/l
 RT: 2.55 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

Tgt Ion: 59 Resp: 592680
 Ion Ratio Lower Upper
 59 100
 57 9.8 9.0 11.0





#9

Diethyl Ether

Concen: 46.25 ug/l

RT: 1.61 min Scan# 113

Delta R.T. 0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

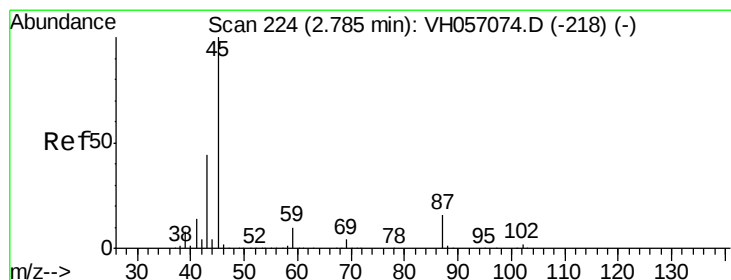
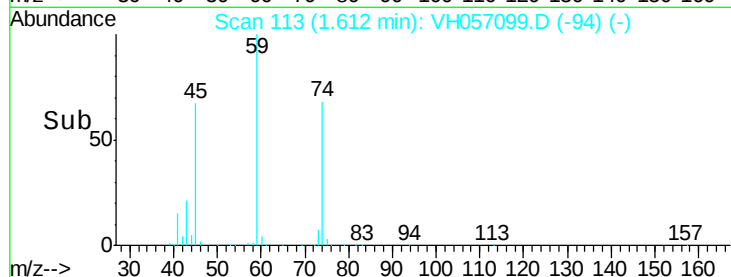
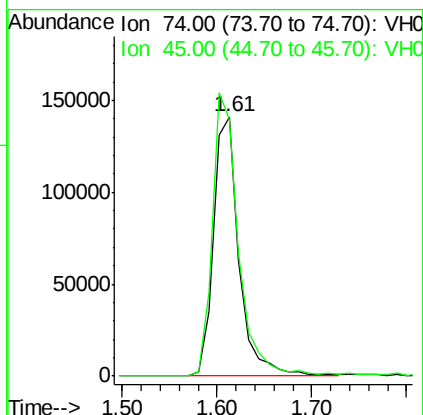
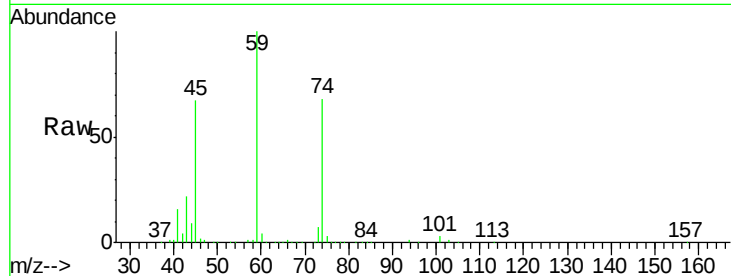
VSTDCCC050EC

Tgt Ion: 74 Resp: 264626

Ion Ratio Lower Upper

74 100

45 98.9 0.0 304.4



#10

Diisopropyl ether

Concen: 39.86 ug/l

RT: 2.77 min Scan# 223

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Tgt Ion: 45 Resp: 1671885

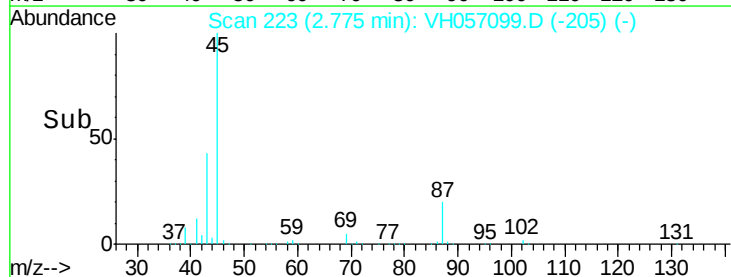
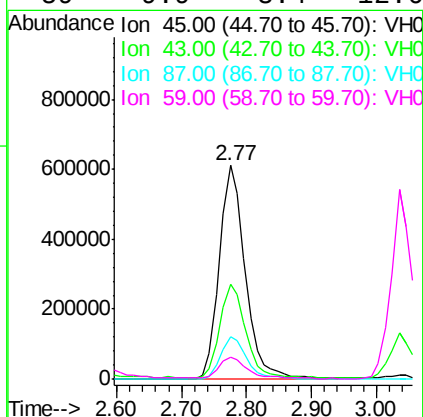
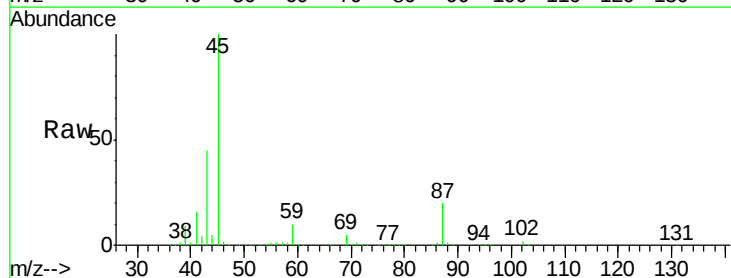
Ion Ratio Lower Upper

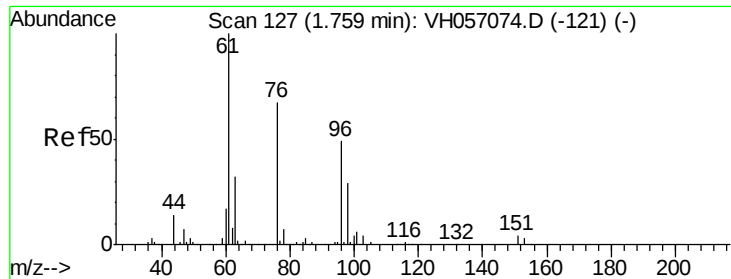
45 100

43 44.6 34.6 52.0

87 19.9 12.6 19.0#

59 9.9 8.4 12.6

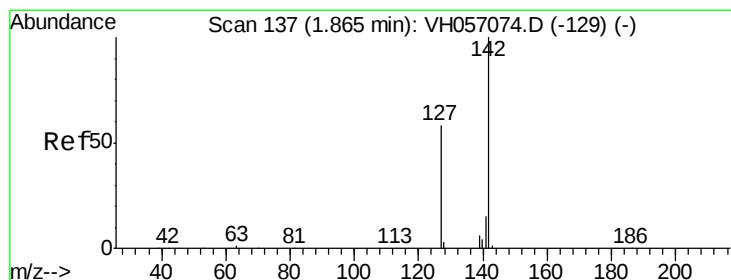
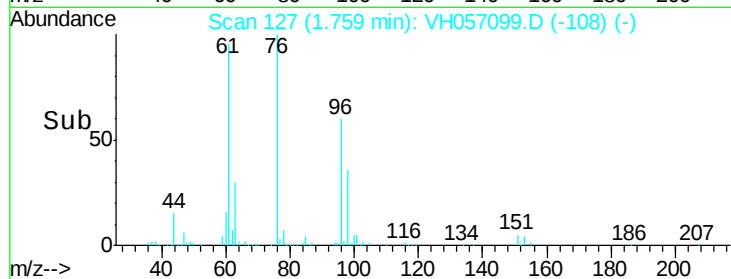
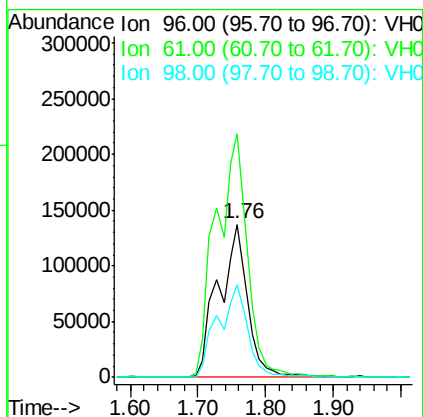
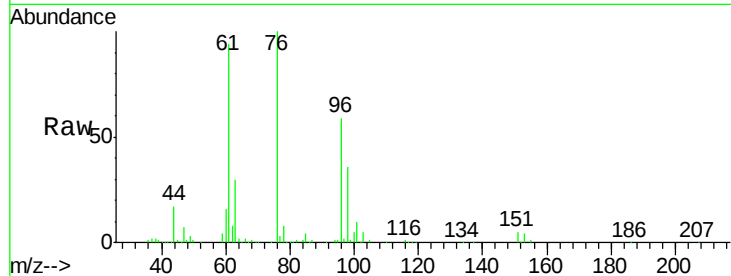




#11
 1,1-Dichloroethene
 Concen: 47.06 ug/l
 RT: 1.76 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

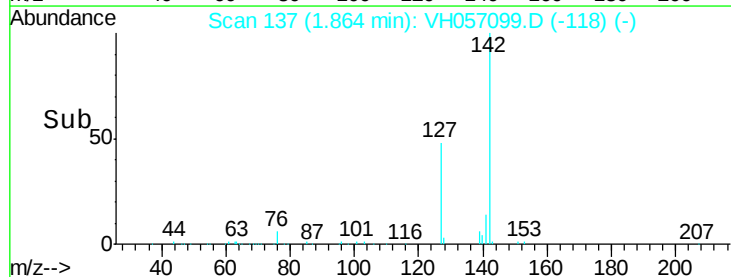
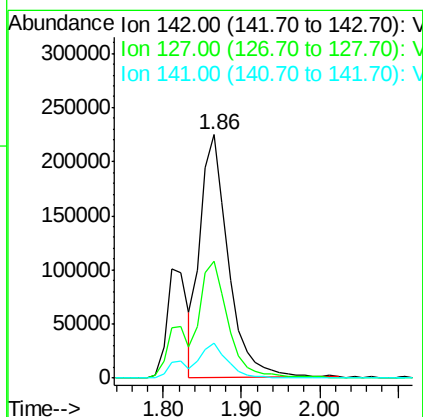
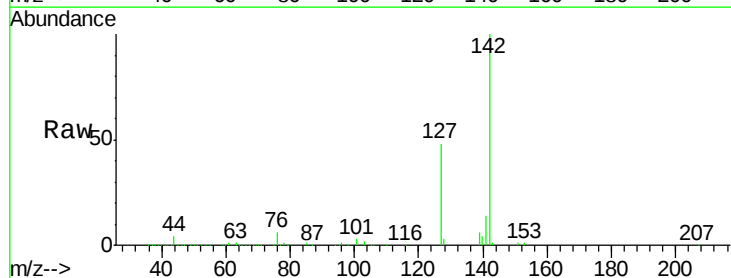
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050EC

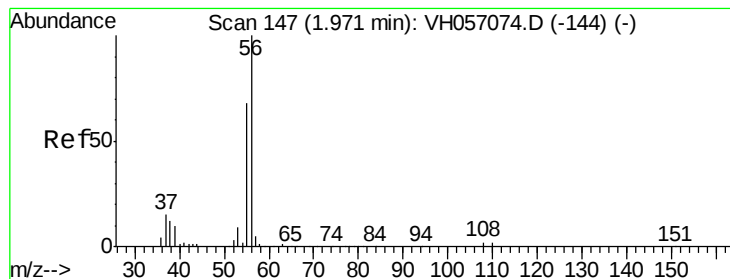
Tgt Ion: 96 Resp: 408413
 Ion Ratio Lower Upper
 96 100
 61 159.0 158.4 237.6
 98 60.1 50.6 75.8



#12
 Methyl Iodide
 Concen: 36.42 ug/l
 RT: 1.86 min Scan# 137
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

Tgt Ion: 142 Resp: 556988
 Ion Ratio Lower Upper
 142 100
 127 48.2 30.0 90.1
 141 14.2 7.1 21.4





#13

Acrolein

Concen: 177.03 ug/l

RT: 1.97 min Scan# 147

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

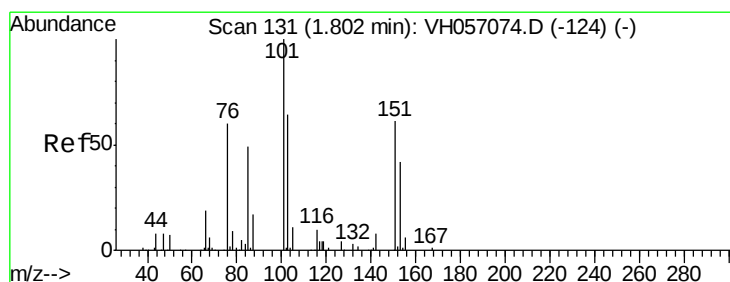
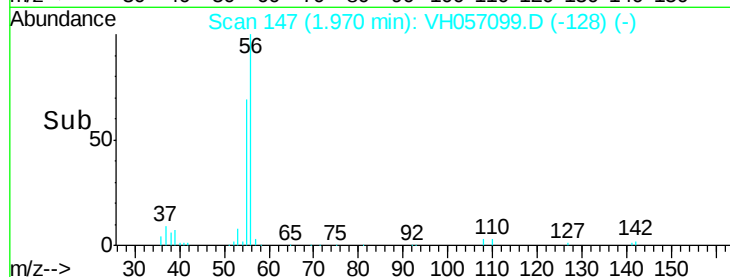
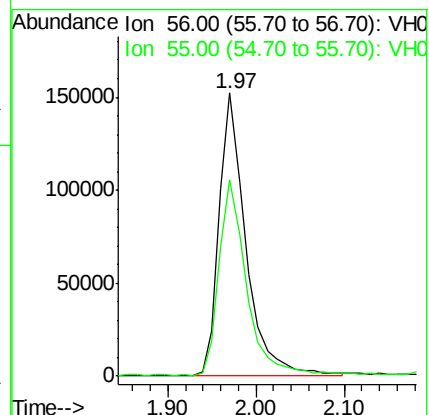
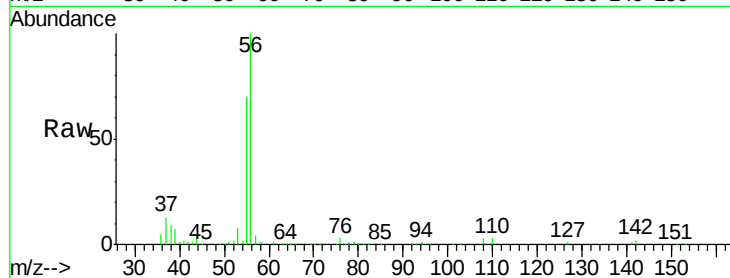
VSTDCCC050EC

Tgt Ion: 56 Resp: 319299

Ion Ratio Lower Upper

56 100

55 69.6 52.9 79.3



#14

1,1,2-Trichlorotrifluoroethane

Concen: 46.10 ug/l

RT: 1.80 min Scan# 131

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

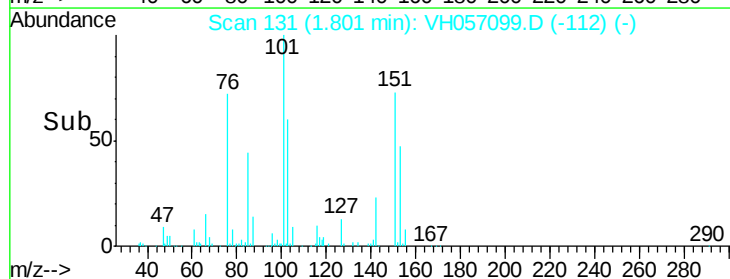
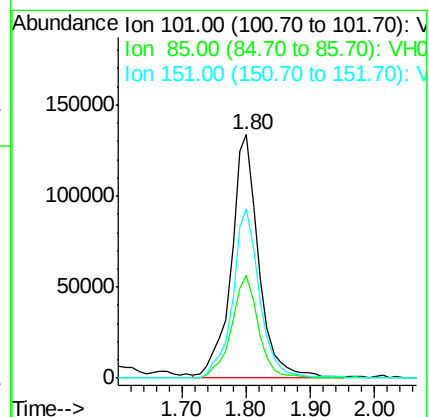
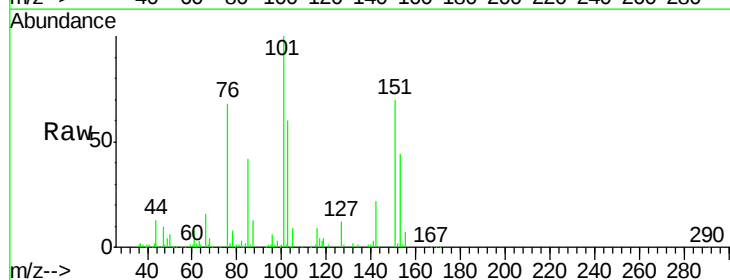
Tgt Ion: 101 Resp: 389708

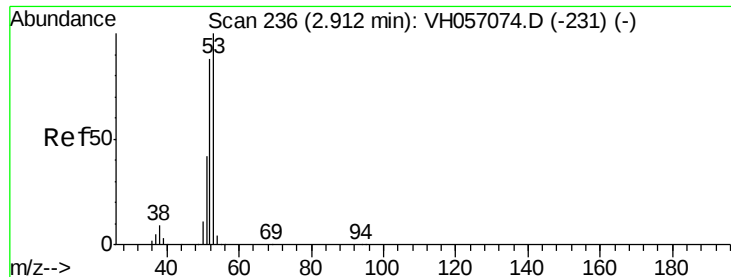
Ion Ratio Lower Upper

101 100

85 42.2 37.9 56.9

151 69.7 50.6 76.0





#15

Acrylonitrile

Concen: 216.76 ug/l

RT: 2.90 min Scan# 235

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050EC

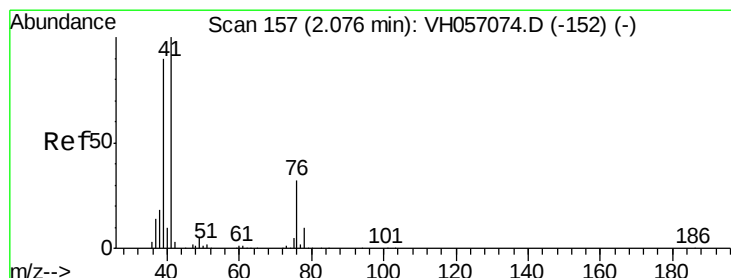
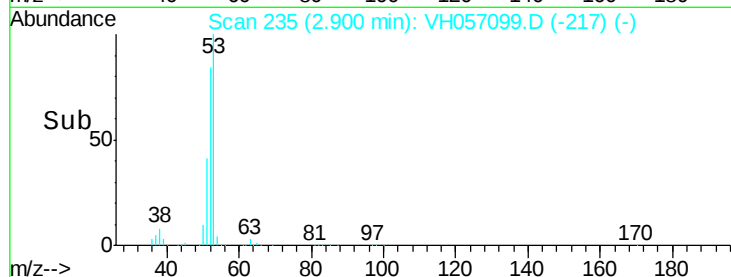
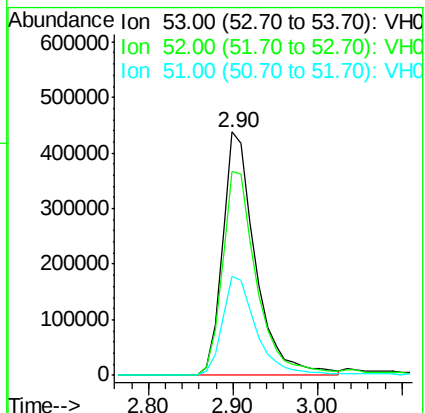
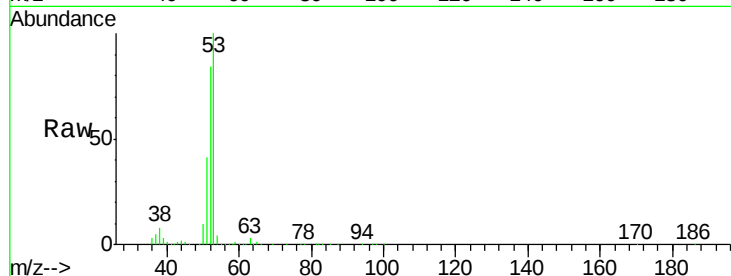
Tgt Ion: 53 Resp: 1192330

Ion Ratio Lower Upper

53 100

52 83.6 67.6 101.4

51 40.7 31.8 47.6



#16

Allyl Chloride

Concen: 39.09 ug/l

RT: 2.07 min Scan# 156

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

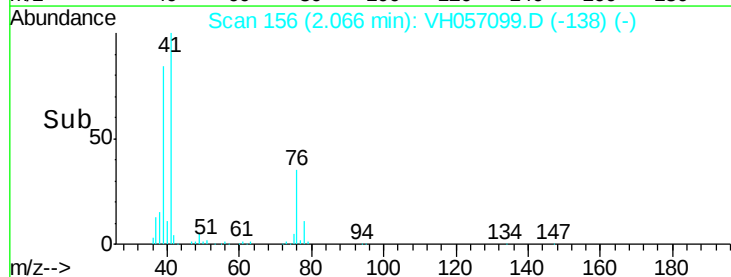
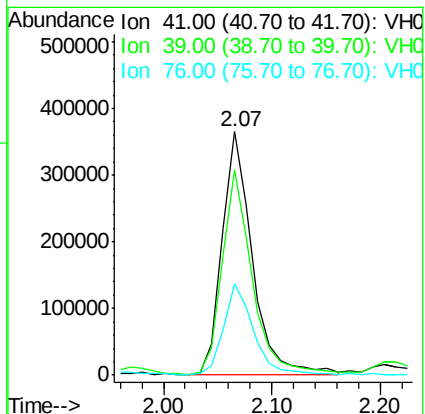
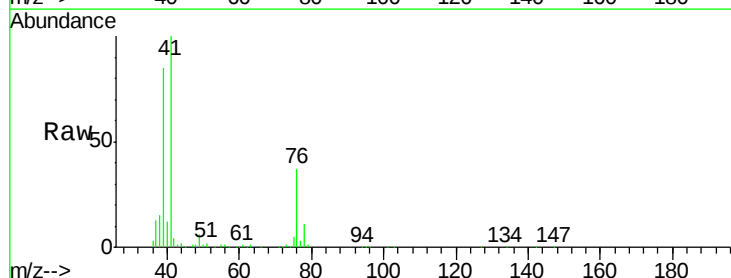
Tgt Ion: 41 Resp: 699287

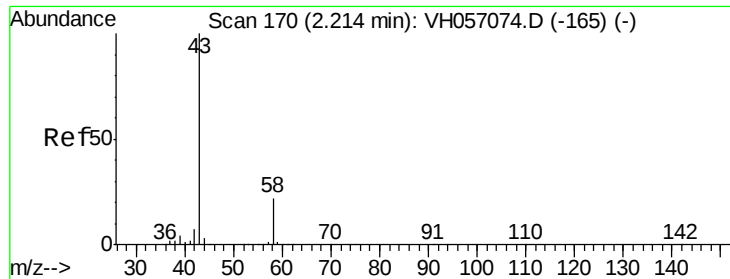
Ion Ratio Lower Upper

41 100

39 84.5 41.0 123.2

76 37.4 14.3 42.9





#17

Acetone

Concen: 183.40 ug/l

RT: 2.20 min Scan# 169

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

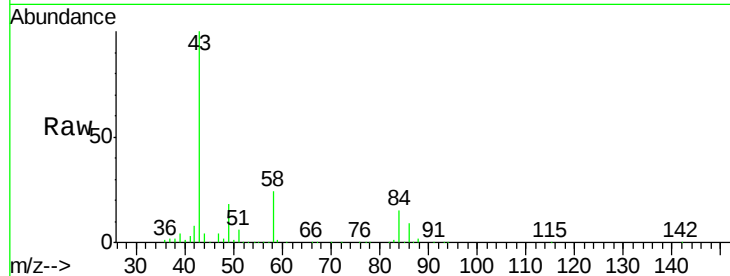
VSTDCCC050EC

Tgt Ion: 43 Resp: 1323137

Ion Ratio Lower Upper

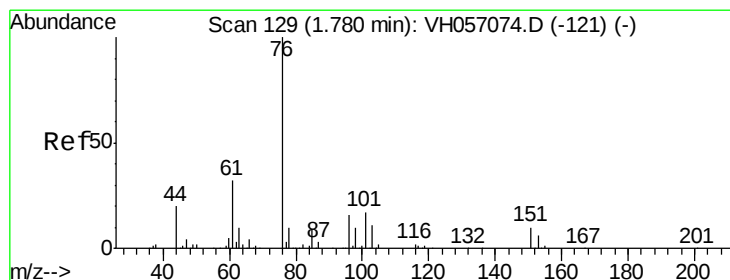
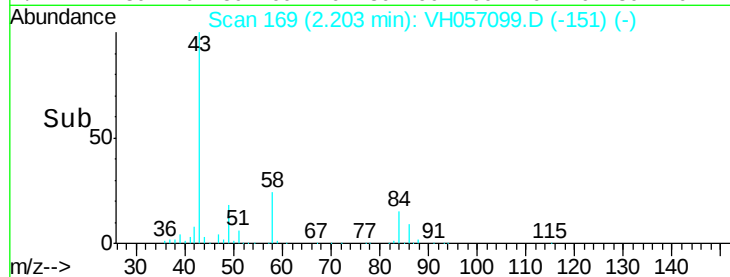
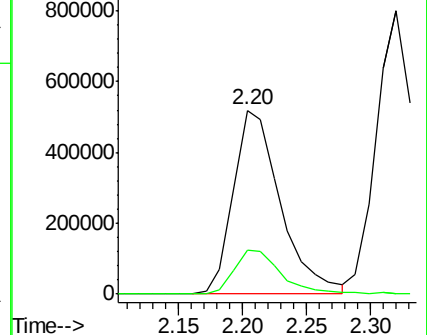
43 100

58 24.2 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: 43.20 ug/l

RT: 1.77 min Scan# 128

Delta R.T. -0.01 min

Lab File: VH057099.D

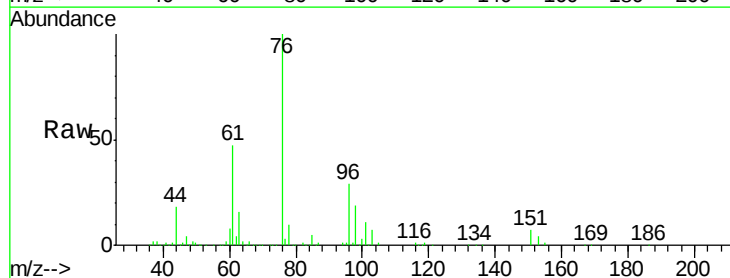
Acq: 21 Sep 2015 19:07

Tgt Ion: 76 Resp: 1105614

Ion Ratio Lower Upper

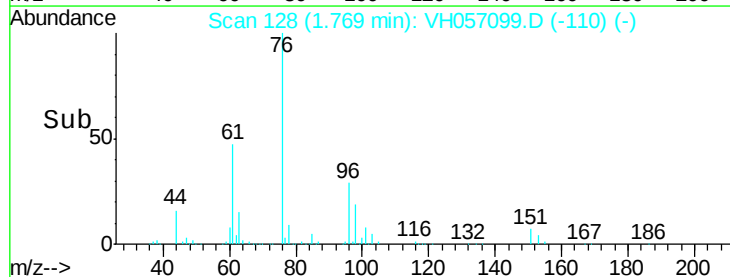
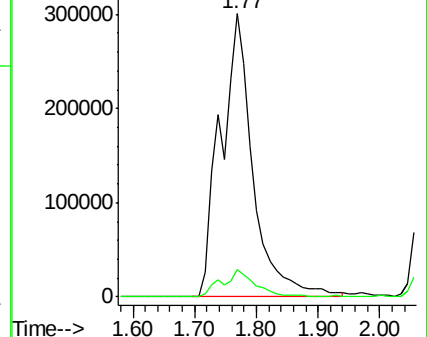
76 100

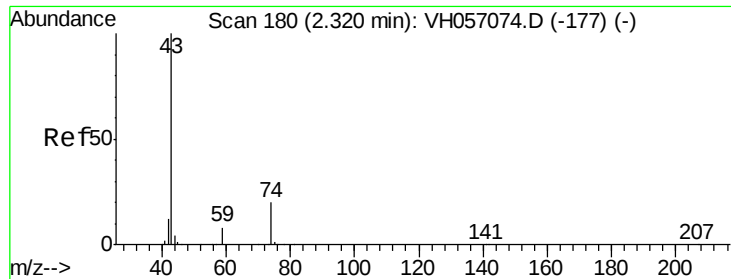
78 9.6 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VH0

Ion 78.00 (77.70 to 78.70): VH0

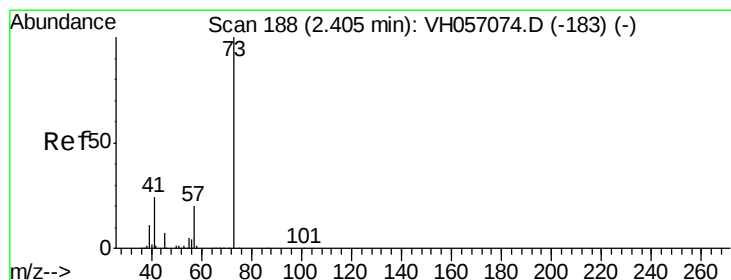
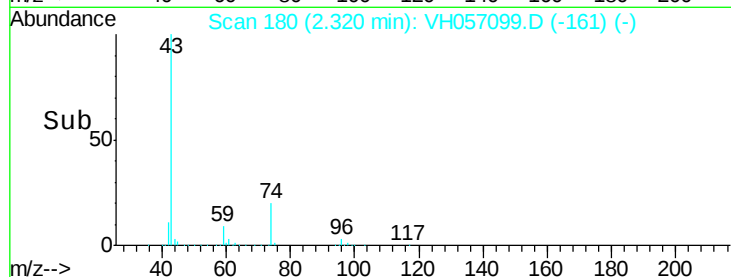
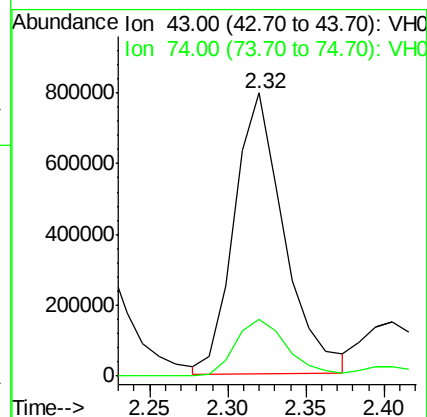
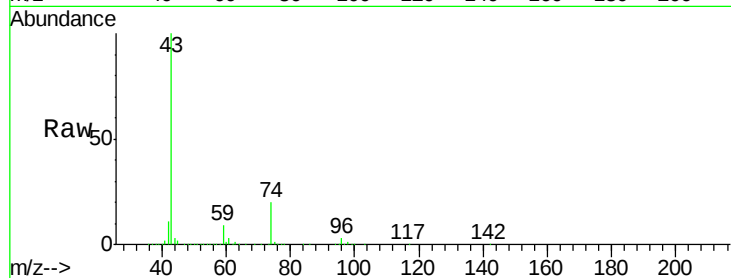




#19
Methyl Acetate
Concen: 40.07 ug/l
RT: 2.32 min Scan# 180
Delta R.T. -0.00 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

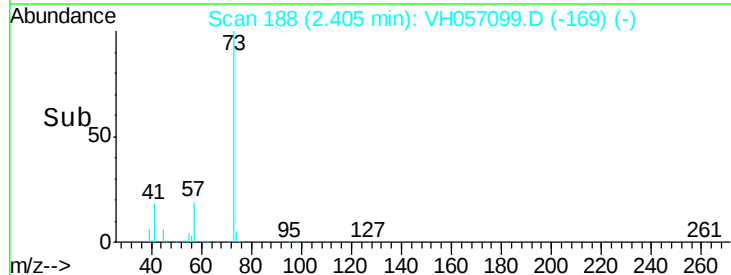
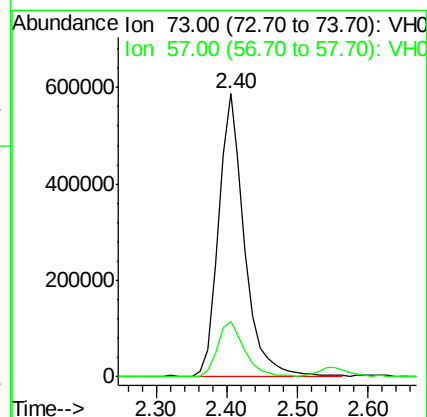
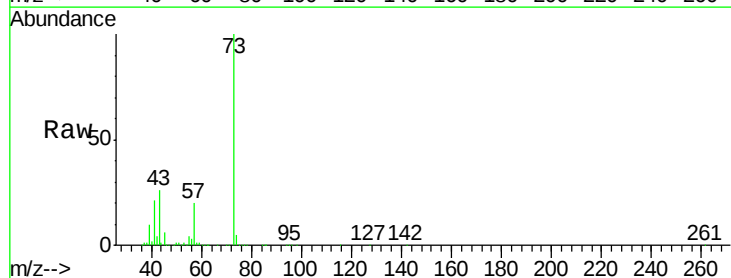
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050EC

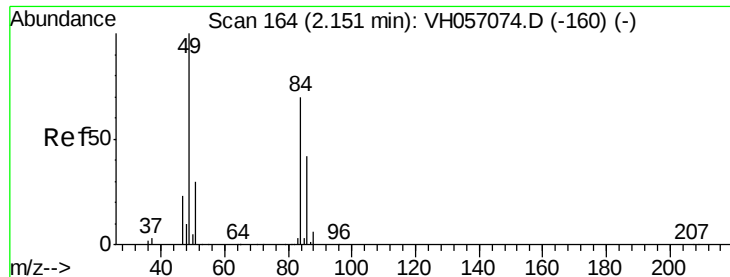
Tgt Ion: 43 Resp: 1751956
Ion Ratio Lower Upper
43 100
74 20.1 13.3 24.7



#20
Methyl tert-butyl Ether
Concen: 43.08 ug/l
RT: 2.40 min Scan# 188
Delta R.T. -0.00 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

Tgt Ion: 73 Resp: 1497054
Ion Ratio Lower Upper
73 100
57 19.6 18.0 27.0





#21

Methylene Chloride

Concen: 24.77 ug/l

RT: 2.15 min Scan# 164

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 84 Resp: 235188

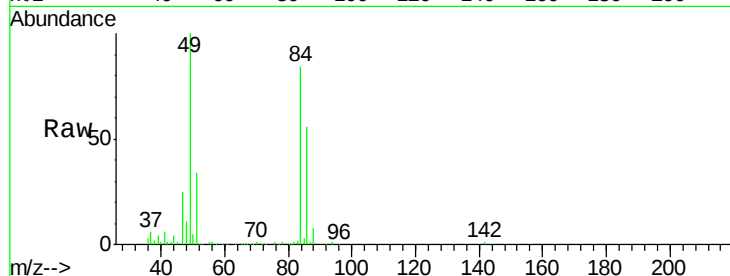
Ion Ratio Lower Upper

84 100

49 118.6 132.8 199.2#

51 40.3 39.5 59.3

86 66.9 51.4 77.2

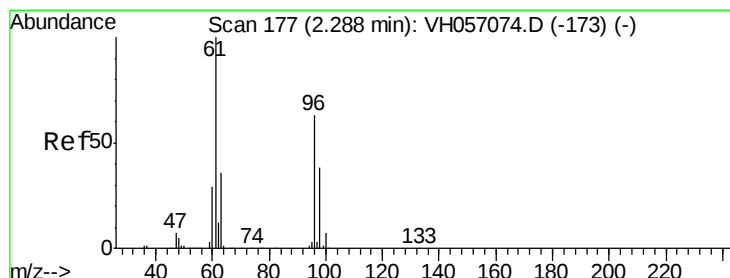
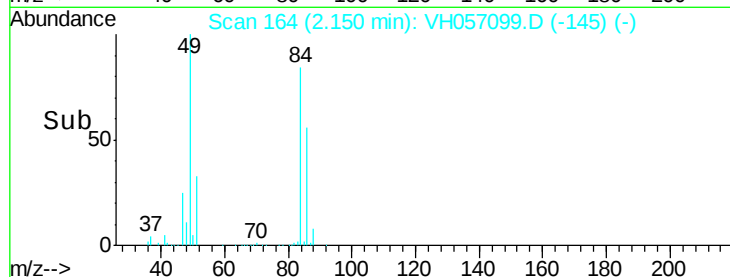
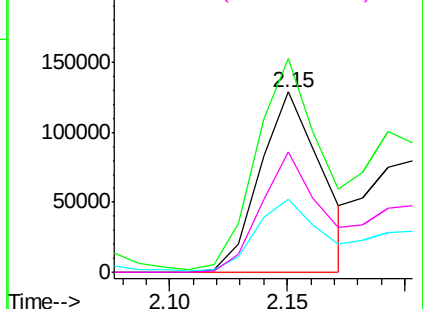


Abundance Ion 84.00 (83.70 to 84.70): VH0

Ion 49.00 (48.70 to 49.70): VH0

Ion 51.00 (50.70 to 51.70): VH0

Ion 86.00 (85.70 to 86.70): VH0



#22

trans-1,2-Dichloroethene

Concen: 48.77 ug/l

RT: 2.28 min Scan# 176

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

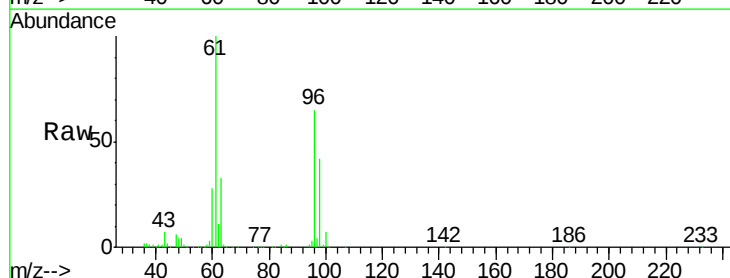
Tgt Ion: 96 Resp: 465246

Ion Ratio Lower Upper

96 100

61 153.4 131.7 197.5

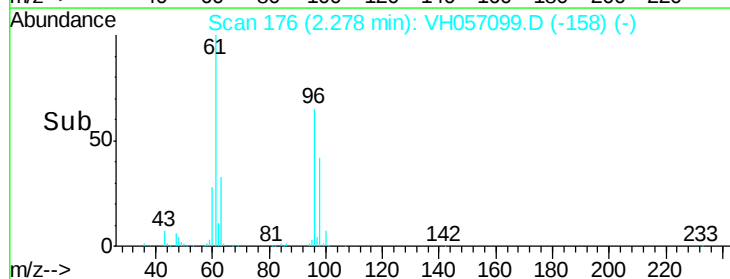
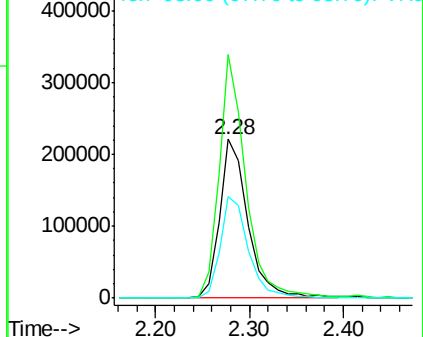
98 63.8 49.5 74.3

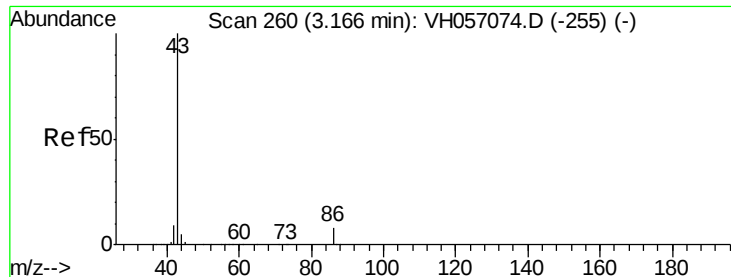


Abundance Ion 96.00 (95.70 to 96.70): VH0

Ion 61.00 (60.70 to 61.70): VH0

Ion 98.00 (97.70 to 98.70): VH0





#23

Vinyl Acetate

Concen: 203.72 ug/l

RT: 3.16 min Scan# 260

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

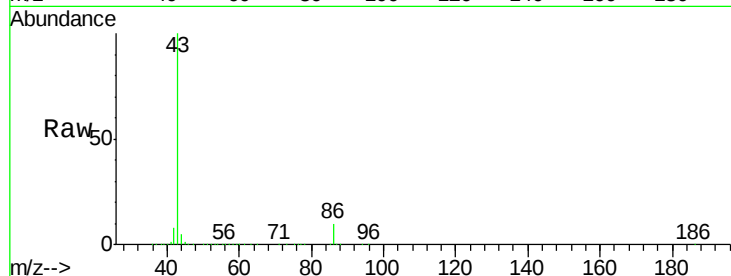
VSTDCCC050EC

Tgt Ion: 43 Resp: 4043507

Ion Ratio Lower Upper

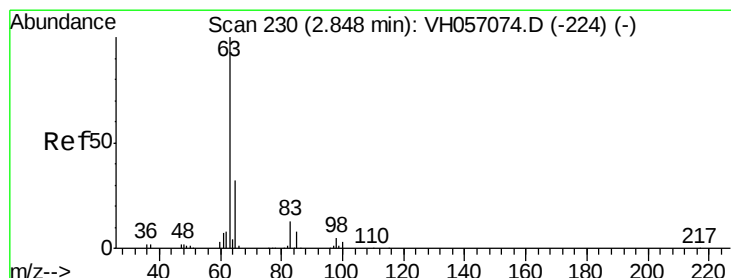
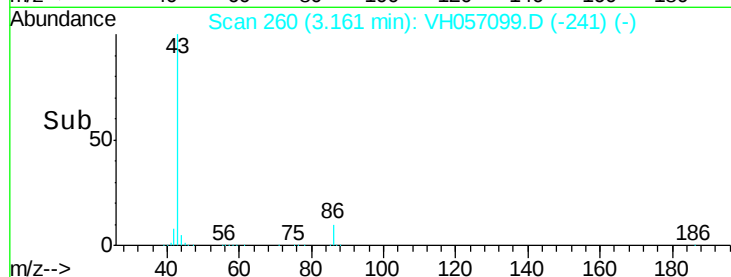
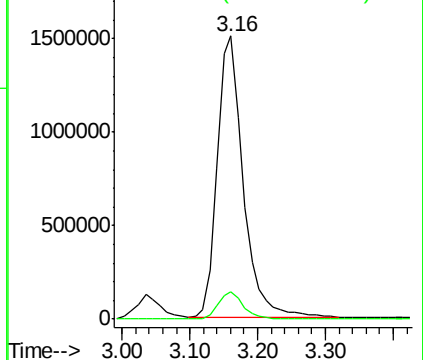
43 100

86 9.6 6.2 9.2#



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 86.00 (85.70 to 86.70): VH0



#24

1,1-Dichloroethane

Concen: 43.03 ug/l

RT: 2.84 min Scan# 229

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

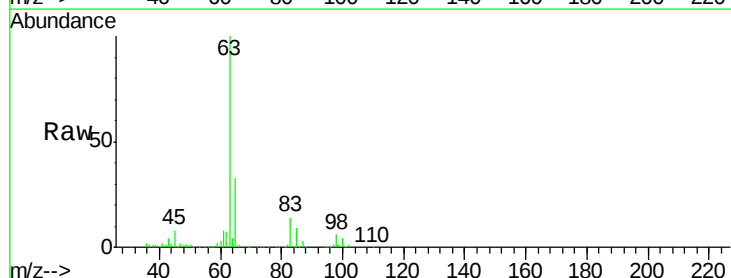
Tgt Ion: 63 Resp: 888641

Ion Ratio Lower Upper

63 100

98 6.5 2.6 7.8

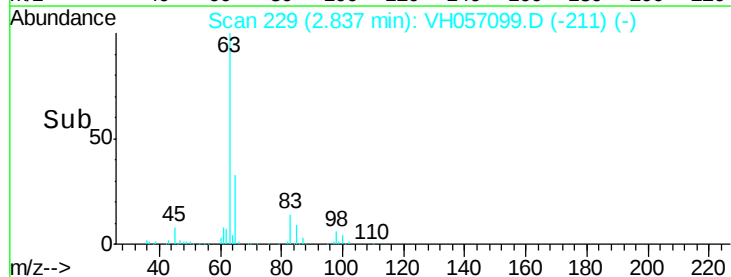
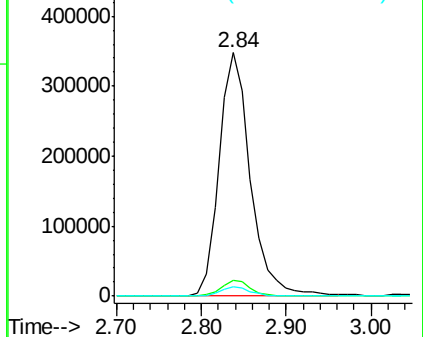
100 3.8 1.7 5.0

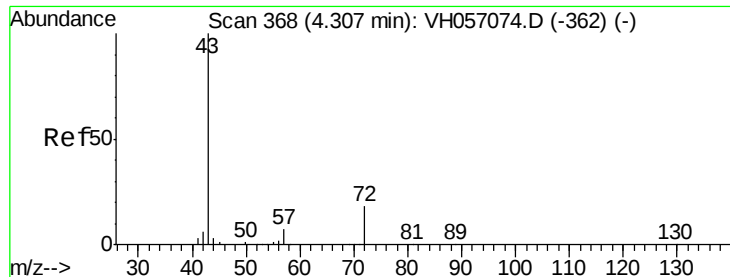


Abundance Ion 63.00 (62.70 to 63.70): VH0

Ion 98.00 (97.70 to 98.70): VH0

Ion 100.00 (99.70 to 100.70): VH0





#25

2-Butanone

Concen: 200.88 ug/l

RT: 4.30 min Scan# 368

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

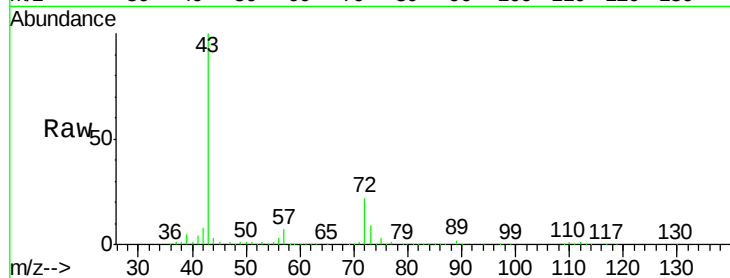
VSTDCCC050EC

Tgt Ion: 43 Resp: 3134797

Ion Ratio Lower Upper

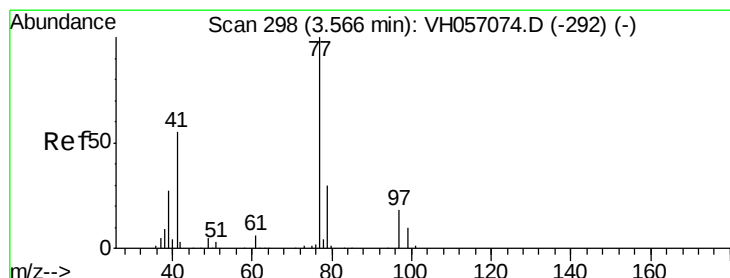
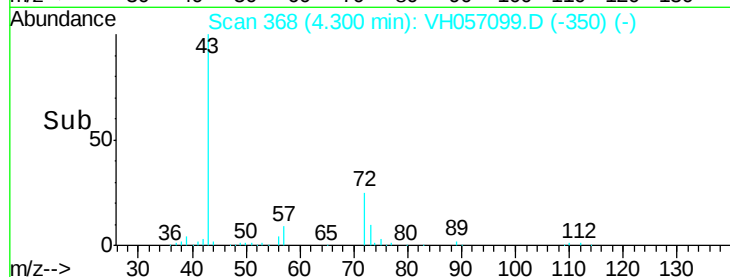
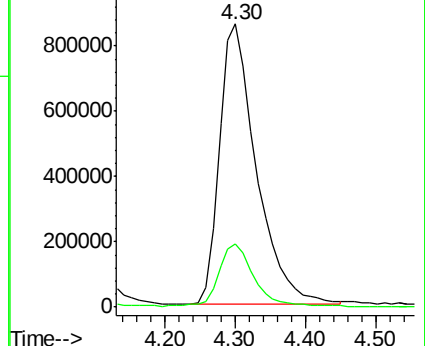
43 100

72 22.5 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: 42.72 ug/l

RT: 3.56 min Scan# 298

Delta R.T. -0.00 min

Lab File: VH057099.D

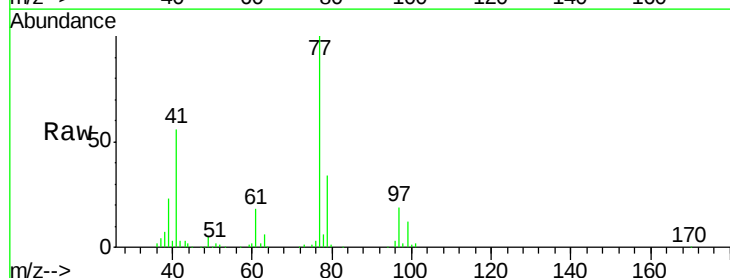
Acq: 21 Sep 2015 19:07

Tgt Ion: 77 Resp: 553852

Ion Ratio Lower Upper

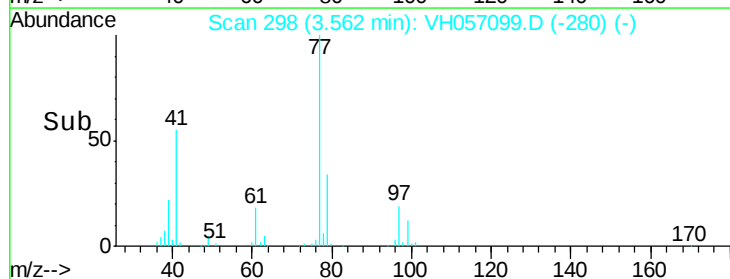
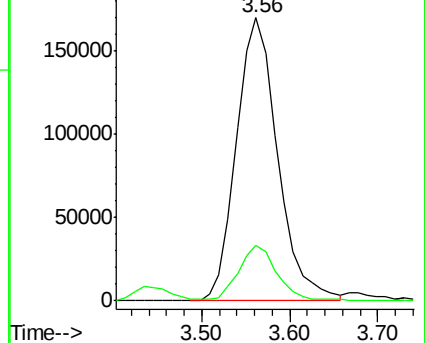
77 100

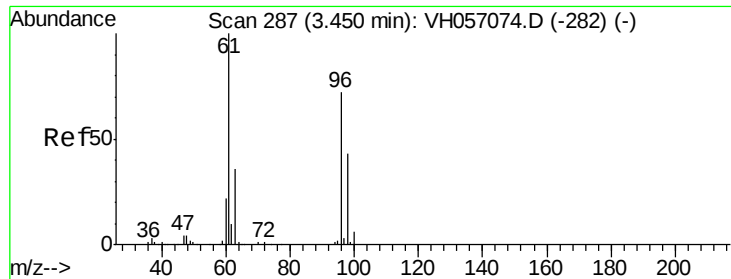
97 19.4 8.8 26.4



Abundance Ion 77.00 (76.70 to 77.70): VH0

Ion 97.00 (96.70 to 97.70): VH0



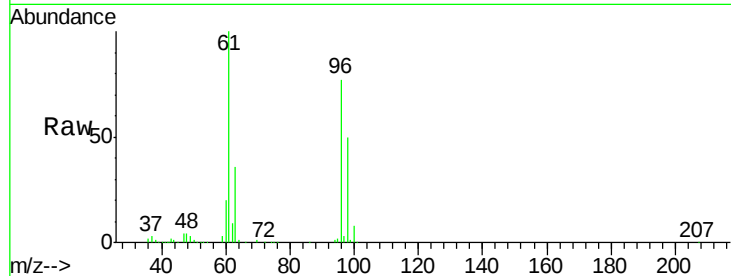


#27

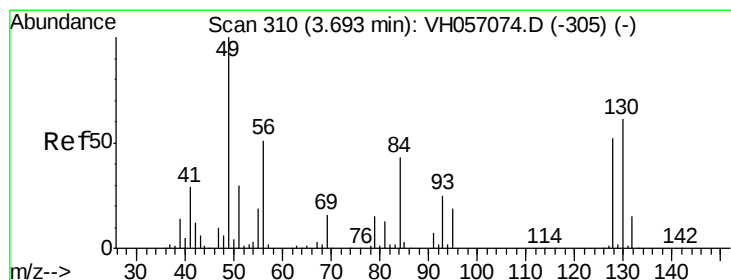
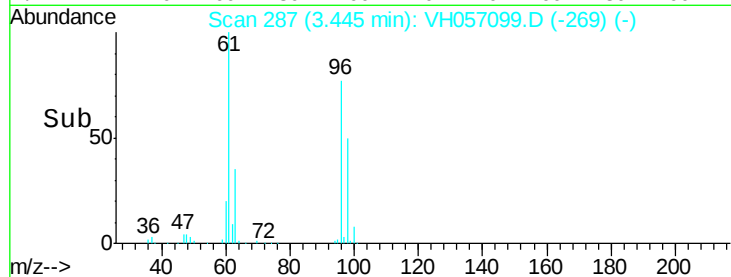
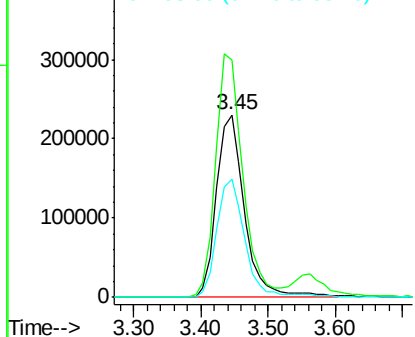
cis-1,2-Dichloroethene
Concen: 49.70 ug/l
RT: 3.45 min Scan# 287
Delta R.T. -0.00 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 662245
Ion Ratio Lower Upper
96 100
61 130.4 115.4 173.0
98 64.8 49.7 74.5



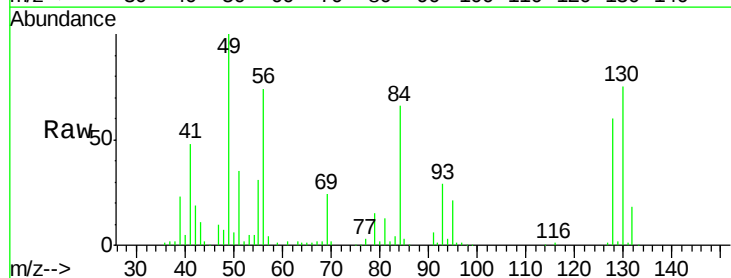
Abundance Ion 96.00 (95.70 to 96.70): VH0
Ion 61.00 (60.70 to 61.70): VH0
Ion 98.00 (97.70 to 98.70): VH0



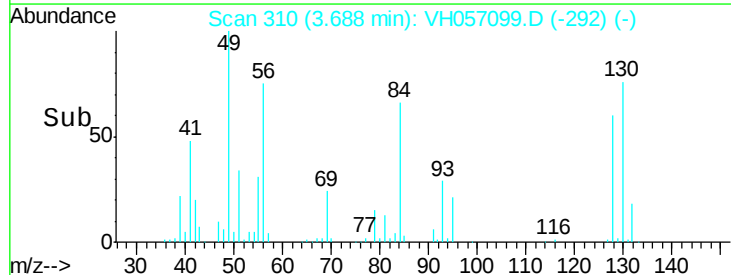
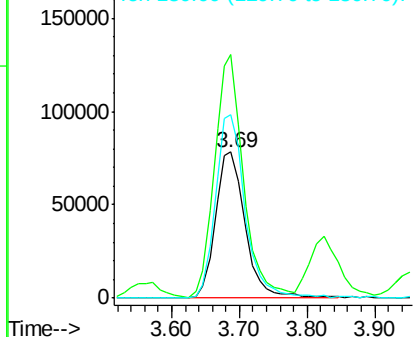
#28

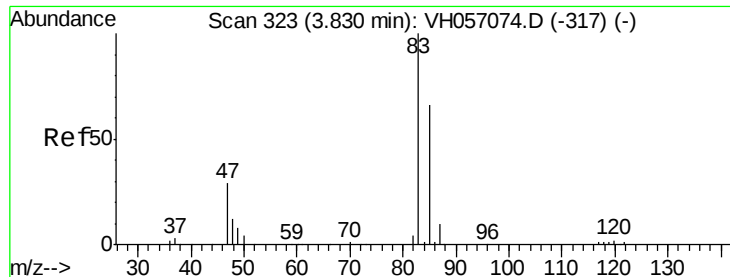
Bromochloromethane
Concen: 54.12 ug/l
RT: 3.69 min Scan# 310
Delta R.T. -0.01 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

Tgt Ion: 128 Resp: 240882
Ion Ratio Lower Upper
128 100
49 166.5 0.0 441.4
130 125.6 100.7 151.1



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

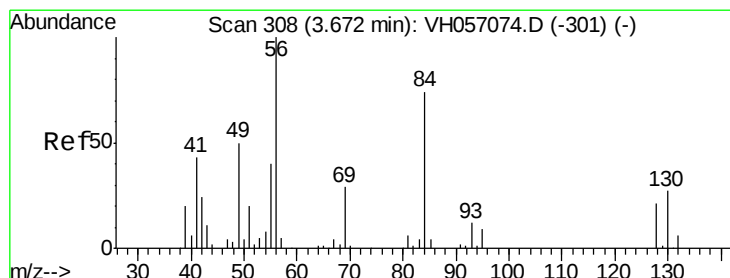
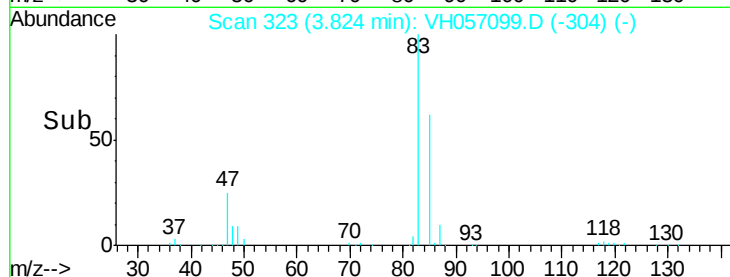
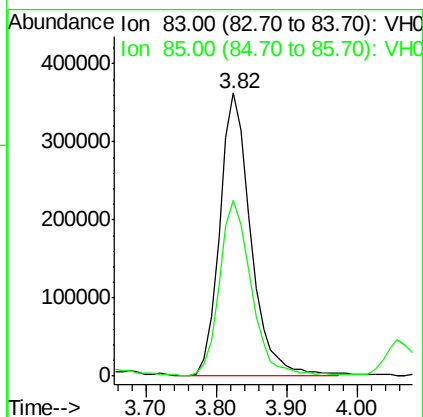
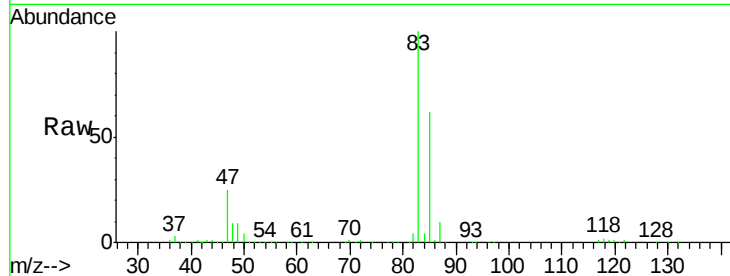




#29
Chloroform
Concen: 44.95 ug/l
RT: 3.82 min Scan# 323
Delta R.T. -0.01 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

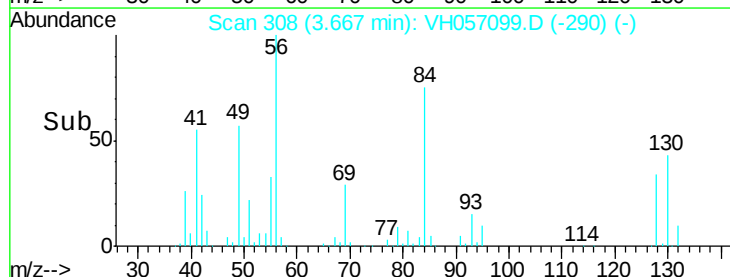
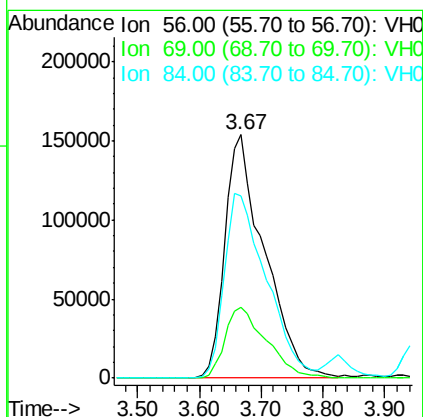
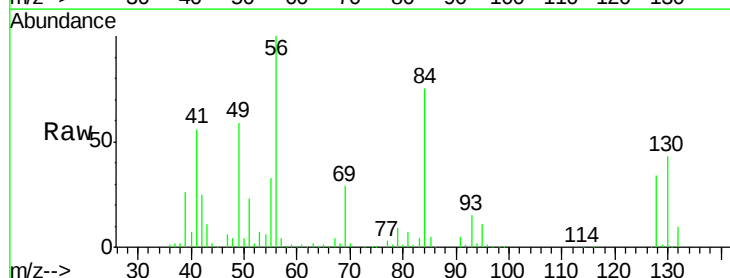
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050EC

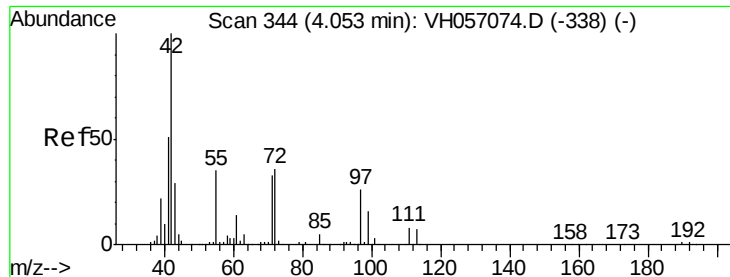
Tgt Ion: 83 Resp: 1097196
Ion Ratio Lower Upper
83 100
85 62.2 54.3 81.5



#30
Cyclohexane
Concen: 41.79 ug/l
RT: 3.67 min Scan# 308
Delta R.T. -0.01 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

Tgt Ion: 56 Resp: 691506
Ion Ratio Lower Upper
56 100
69 29.1 18.1 33.7
84 75.0 0.0 136.8





#31

Tetrahydrofuran

Concen: 201.03 ug/l

RT: 4.04 min Scan# 343

Delta R.T. -0.02 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050EC

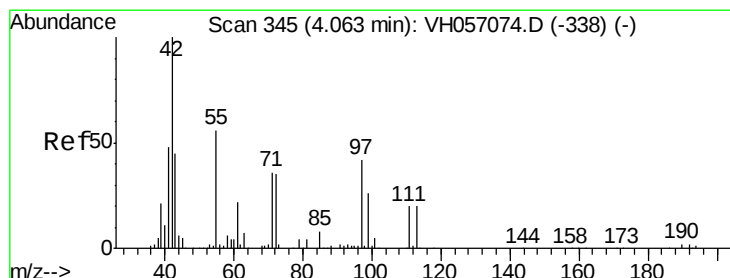
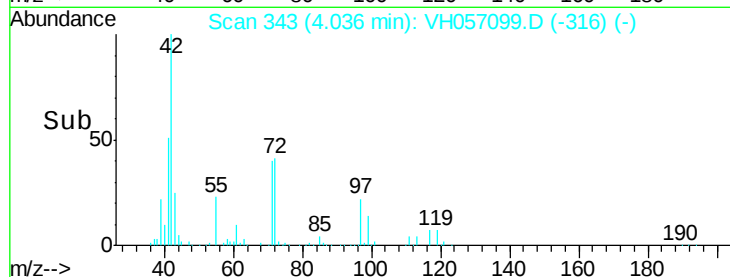
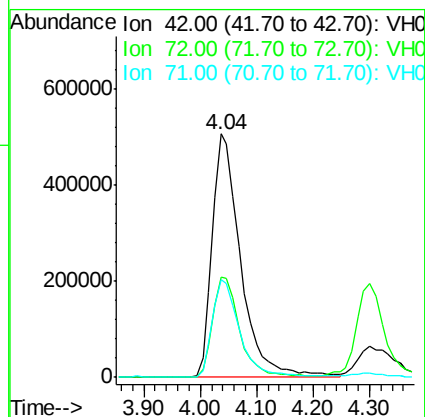
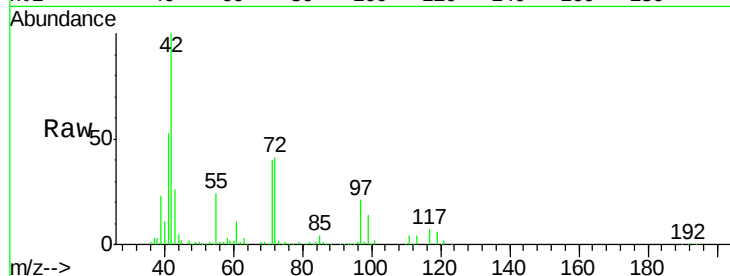
Tgt Ion: 42 Resp: 1760896

Ion Ratio Lower Upper

42 100

72 38.8 25.5 38.3#

71 38.7 25.4 38.0#



#32

1,1,1-Trichloroethane

Concen: 42.89 ug/l

RT: 4.06 min Scan# 345

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

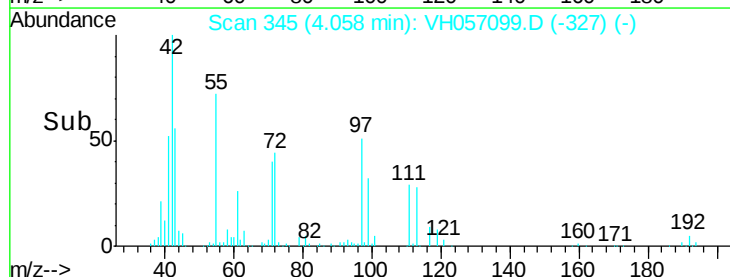
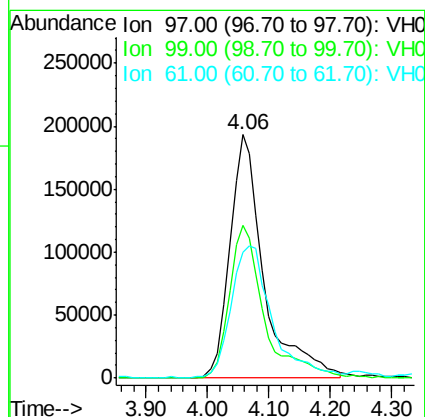
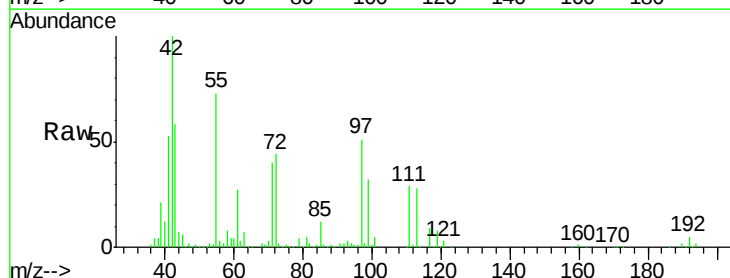
Tgt Ion: 97 Resp: 753786

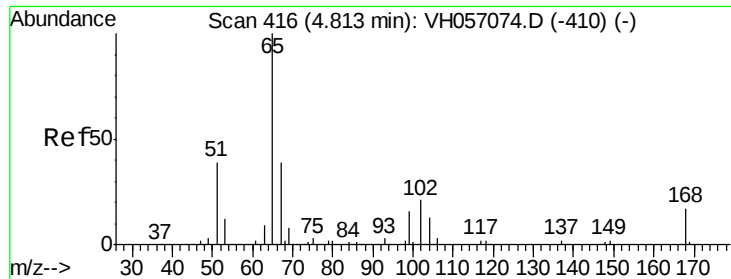
Ion Ratio Lower Upper

97 100

99 62.9 49.8 74.6

61 51.9 45.0 67.4





#33

1,2-Dichloroethane-d4

Concen: 39.35 ug/l

RT: 4.81 min Scan# 416

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

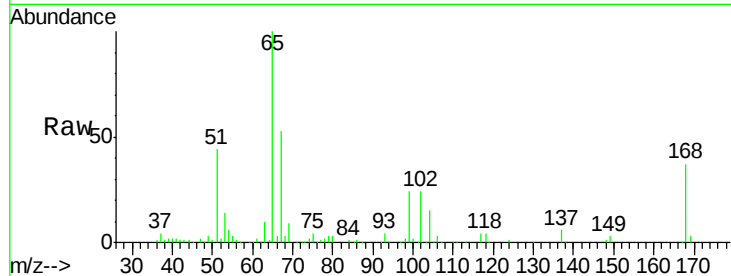
VSTDCCC050EC

Tgt Ion: 65 Resp: 661085

Ion Ratio Lower Upper

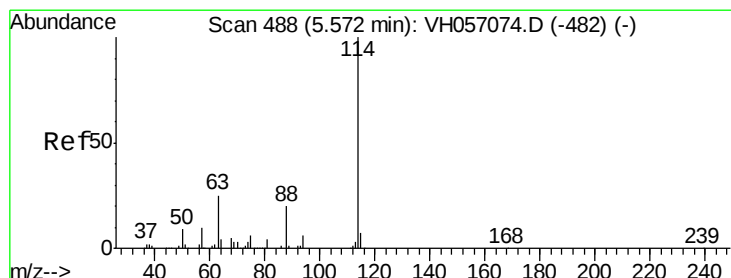
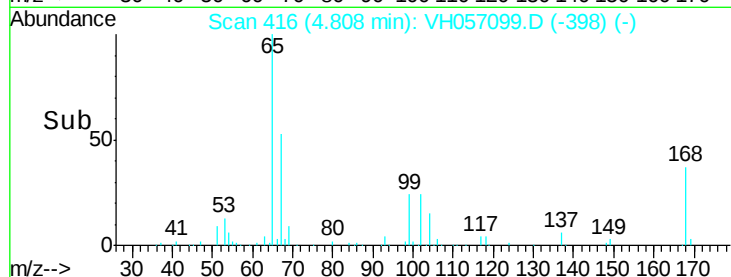
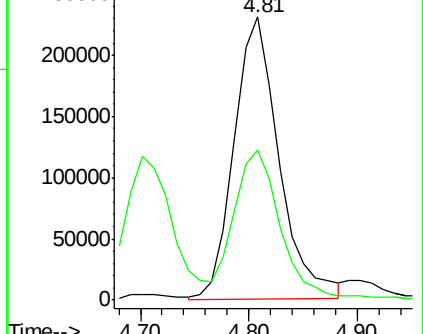
65 100

67 53.0 43.2 64.8



Abundance Ion 65.00 (64.70 to 65.70): VH0

Ion 67.00 (66.70 to 67.70): VH0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.56 min Scan# 487

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

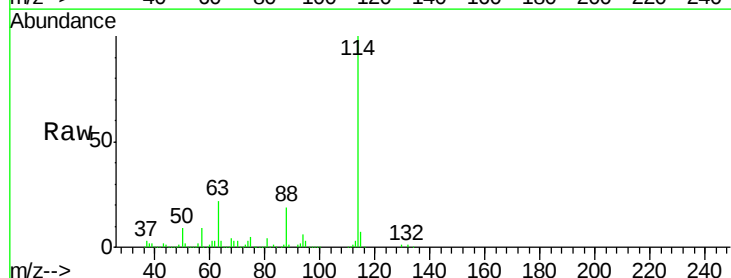
Tgt Ion: 114 Resp: 1652693

Ion Ratio Lower Upper

114 100

63 22.1 19.0 28.4

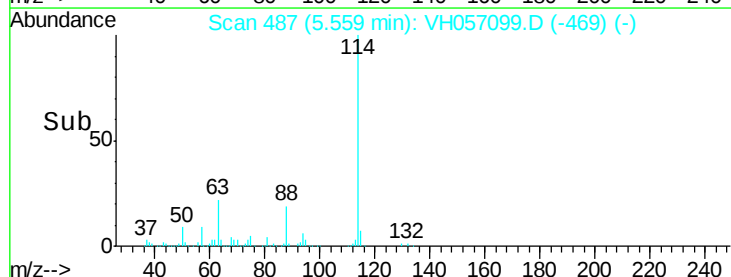
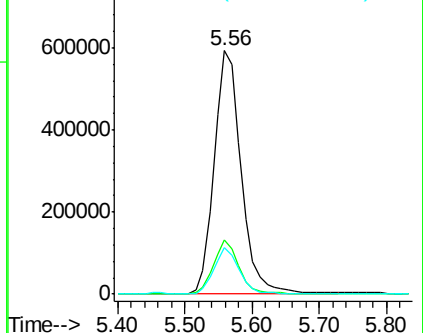
88 18.9 15.7 23.5

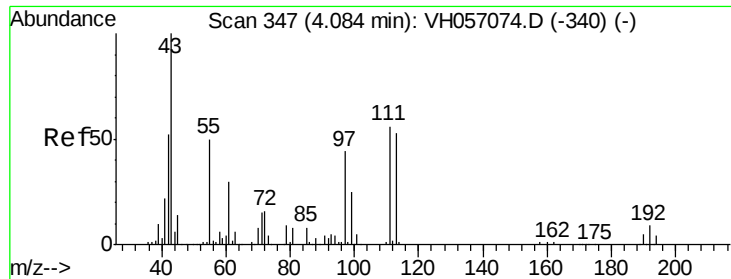


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VH0

Ion 88.00 (87.70 to 88.70): VH0

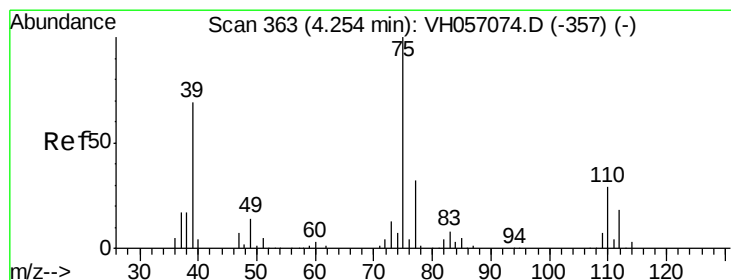
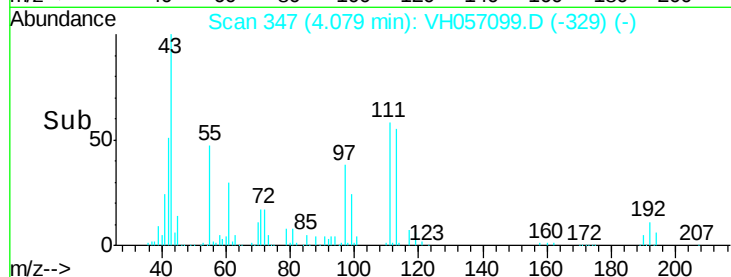
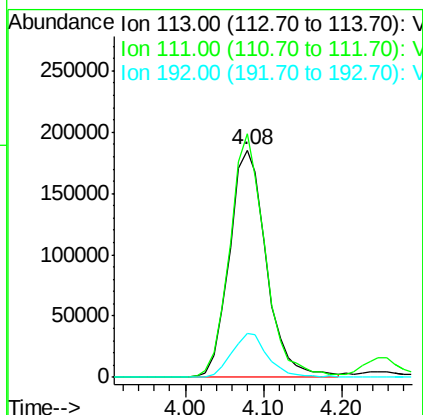
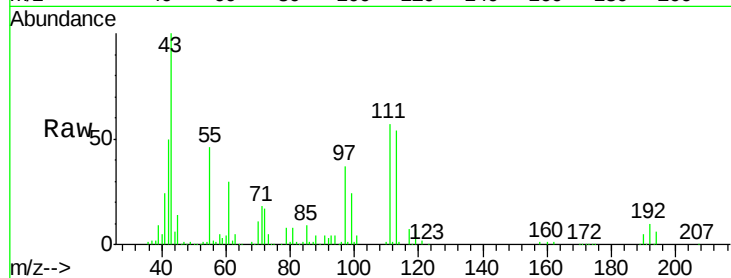




#35
 Dibromofluoromethane
 Concen: 46.12 ug/l
 RT: 4.08 min Scan# 347
 Delta R.T. -0.01 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

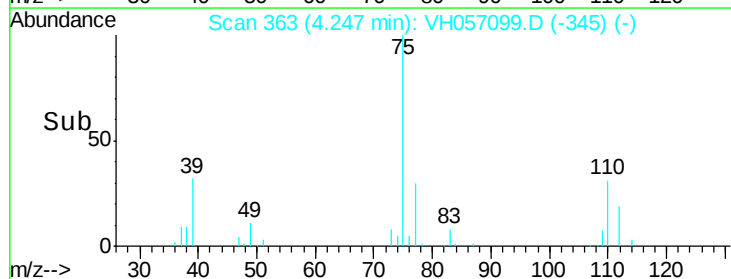
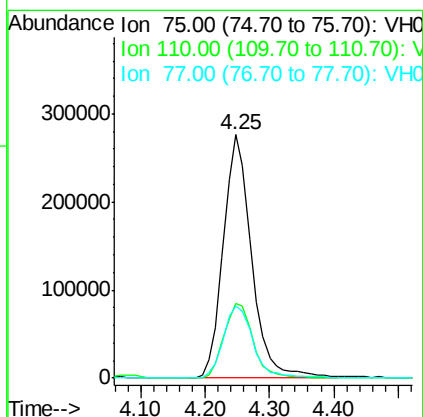
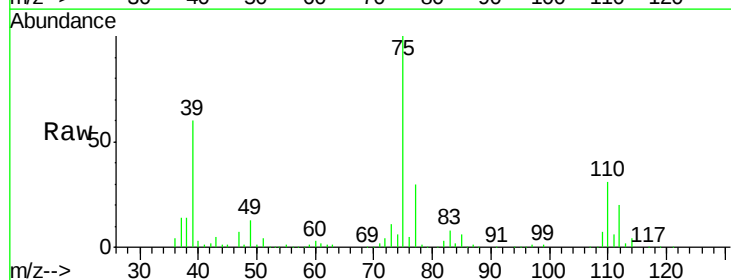
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050EC

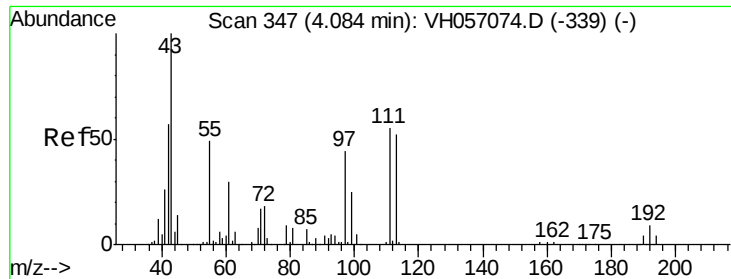
Tgt Ion: 113 Resp: 606843
 Ion Ratio Lower Upper
 113 100
 111 107.0 84.0 126.0
 192 19.3 13.6 20.4



#36
 1,1-Dichloropropene
 Concen: 46.13 ug/l
 RT: 4.25 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

Tgt Ion: 75 Resp: 837725
 Ion Ratio Lower Upper
 75 100
 110 30.8 13.7 41.1
 77 29.9 24.0 36.0

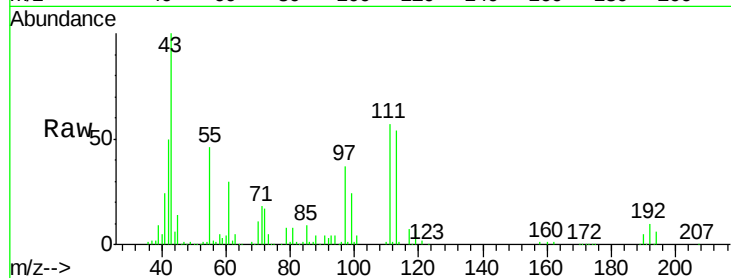




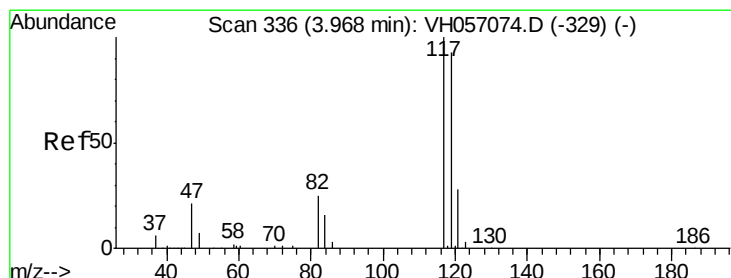
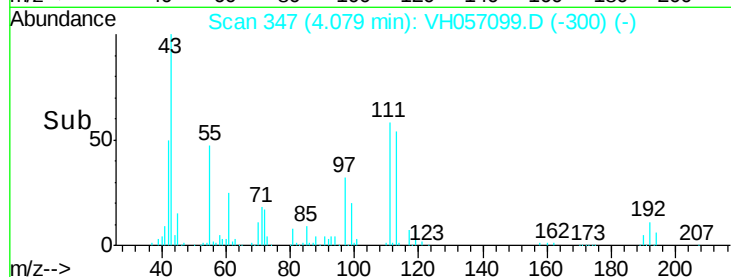
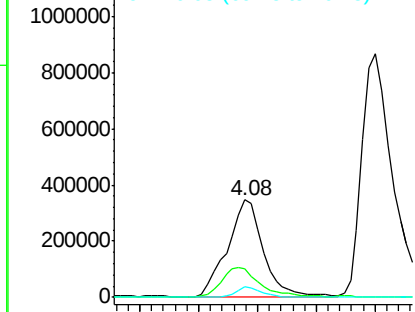
#37
Ethyl acetate
Concen: 42.20 ug/l
RT: 4.08 min Scan# 347
Delta R.T. -0.01 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1438568
Ion Ratio Lower Upper
43 100
61 34.3 23.9 35.9
70 8.2 5.4 8.0#

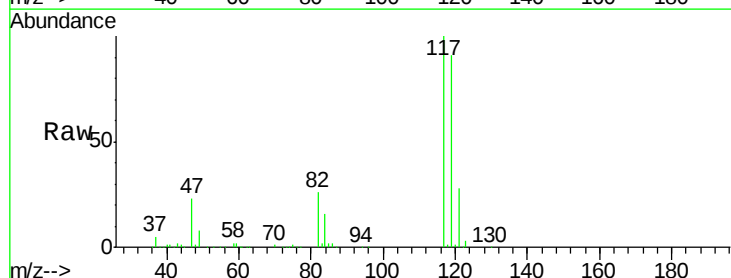


Abundance Ion 43.05 (42.75 to 43.75): VH0
Ion 61.00 (60.70 to 61.70): VH0
Ion 70.05 (69.75 to 70.75): VH0

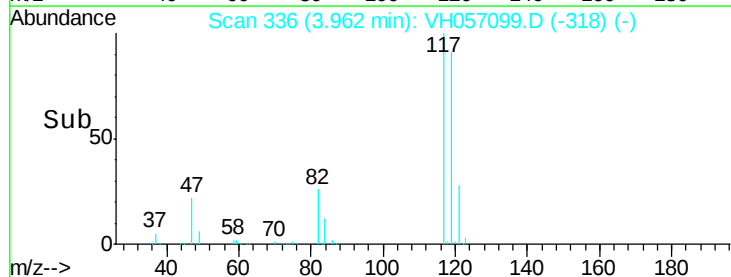
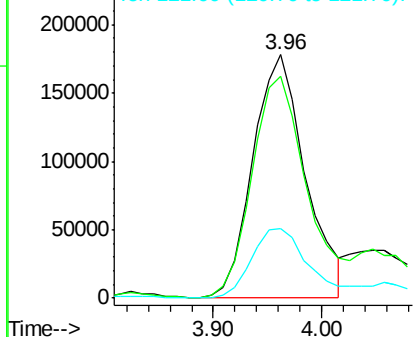


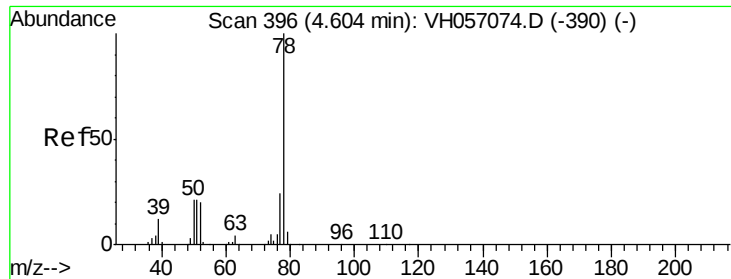
#38
Carbon Tetrachloride
Concen: 42.08 ug/l
RT: 3.96 min Scan# 336
Delta R.T. -0.01 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

Tgt Ion: 117 Resp: 594888
Ion Ratio Lower Upper
117 100
119 91.2 78.7 118.1
121 28.4 25.9 38.9



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

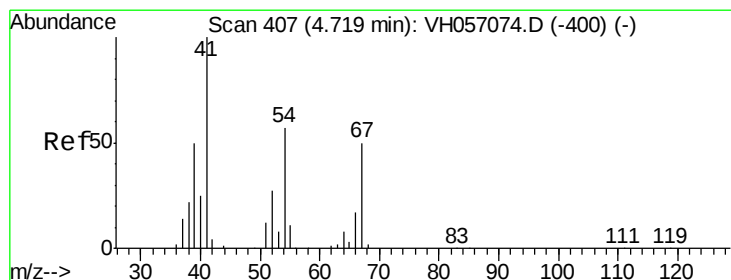
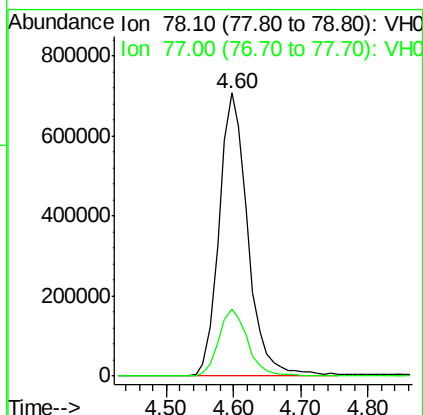
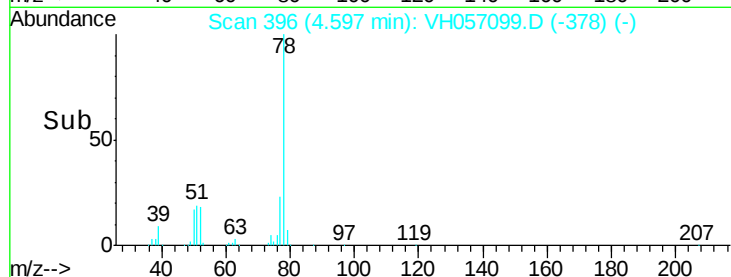
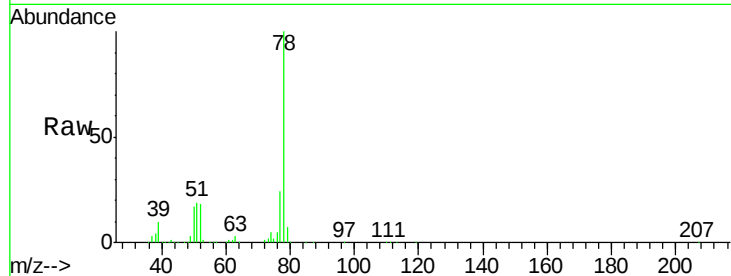




#39
Benzene
Concen: 48.56 ug/l
RT: 4.60 min Scan# 396
Delta R.T. -0.01 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

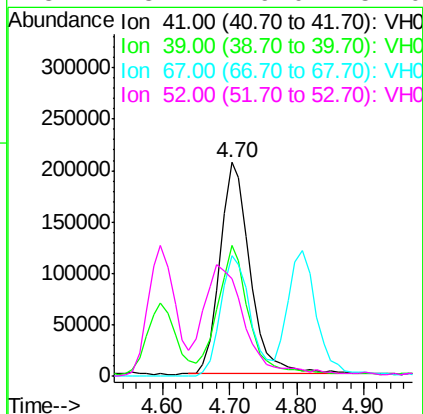
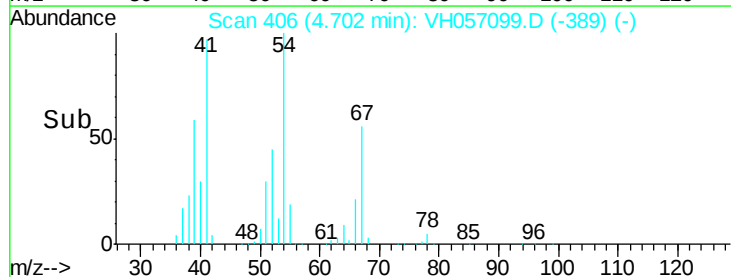
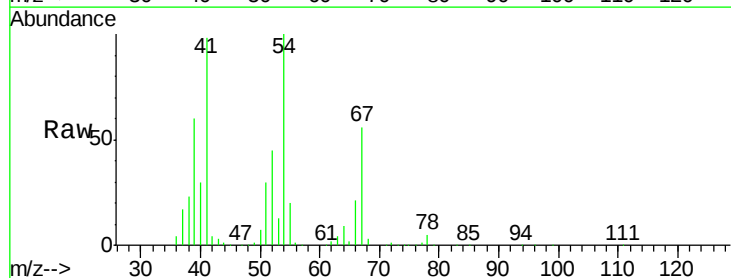
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050EC

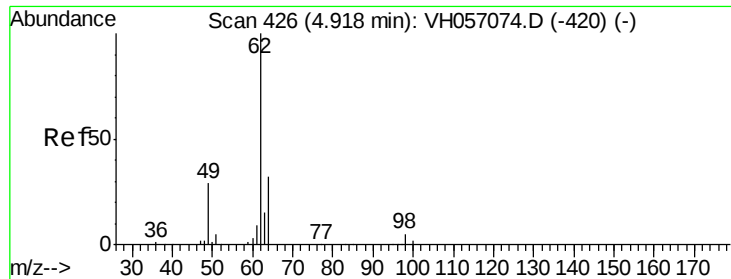
Tgt Ion: 78 Resp: 2099772
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7



#40
Methacrylonitrile
Concen: 42.14 ug/l
RT: 4.70 min Scan# 406
Delta R.T. -0.02 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

Tgt Ion: 41 Resp: 635843
Ion Ratio Lower Upper
41 100
39 61.4 25.1 75.2
67 56.6 22.5 67.5
52 45.7 19.0 57.0





#41

1,2-Dichloroethane

Concen: 43.48 ug/l

RT: 4.90 min Scan# 425

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

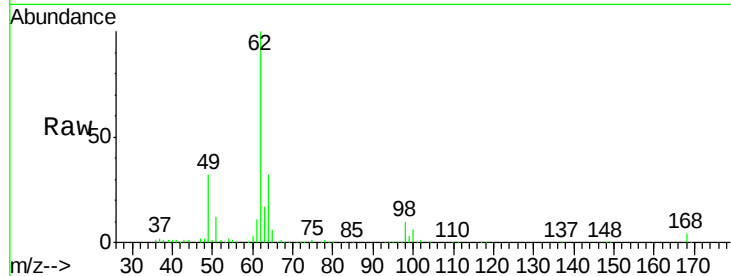
VSTDCCC050EC

Tgt Ion: 62 Resp: 829820

Ion Ratio Lower Upper

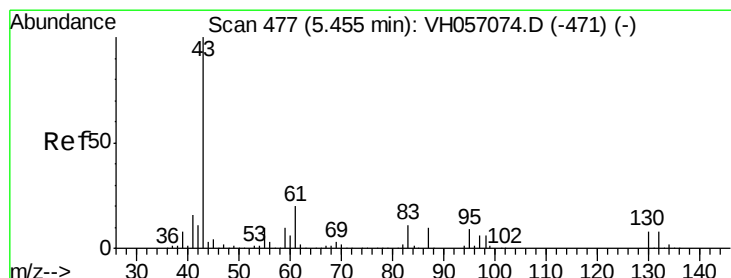
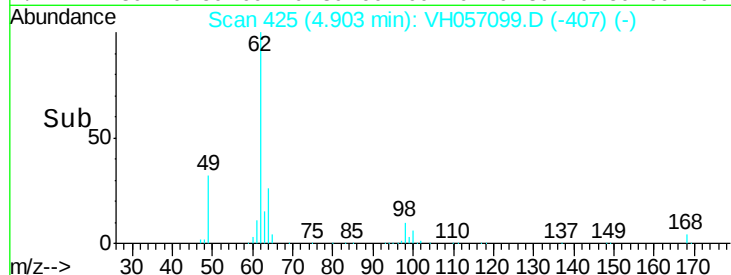
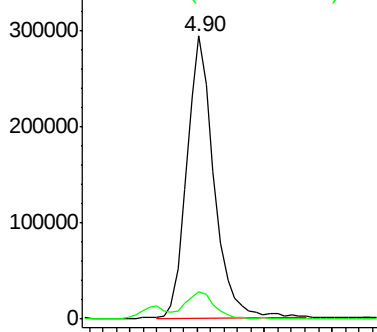
62 100

98 9.7 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: 42.11 ug/l

RT: 5.45 min Scan# 477

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

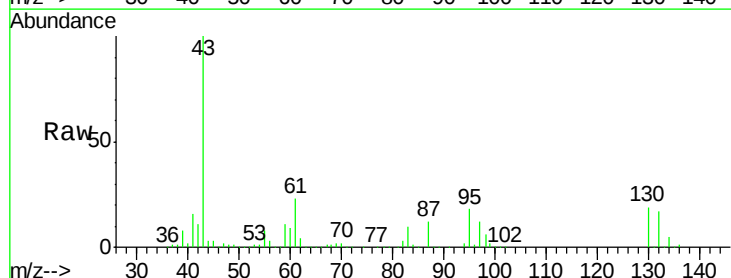
Tgt Ion: 43 Resp: 1874548

Ion Ratio Lower Upper

43 100

61 23.2 15.8 23.6

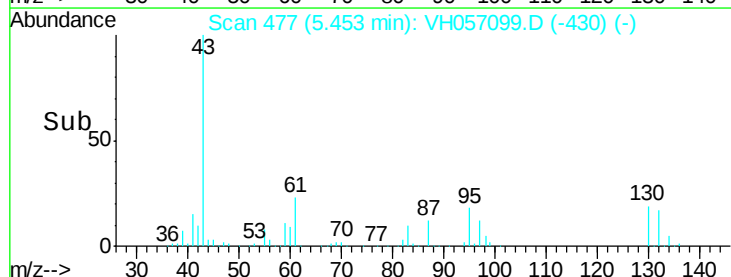
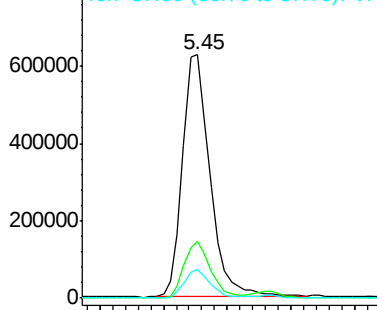
87 11.8 7.0 10.6#

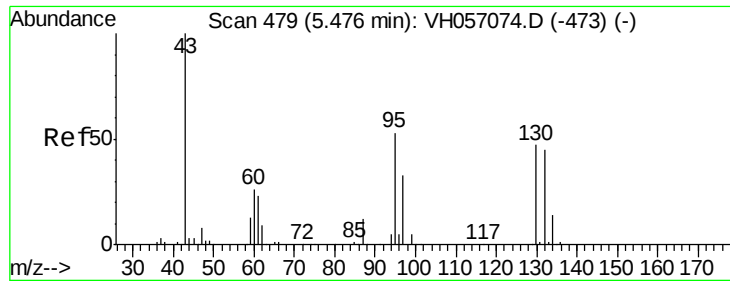


Abundance Ion 43.05 (42.75 to 43.75): VH0

Ion 61.00 (60.70 to 61.70): VH0

Ion 87.00 (86.70 to 87.70): VH0

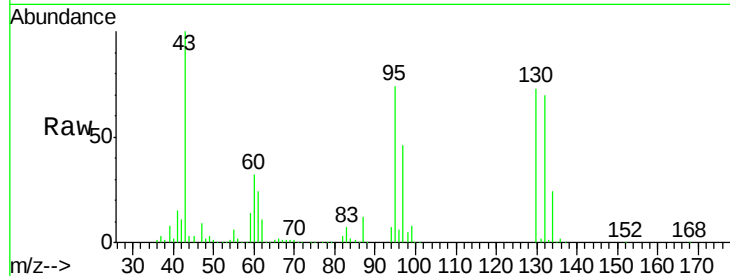




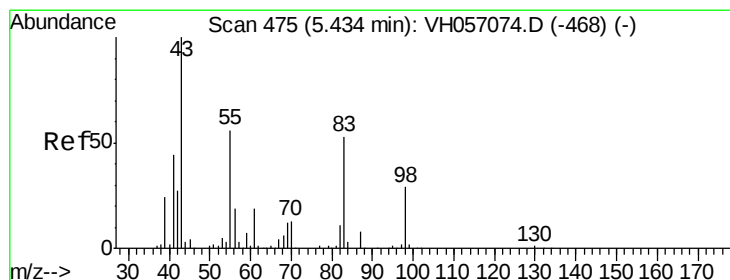
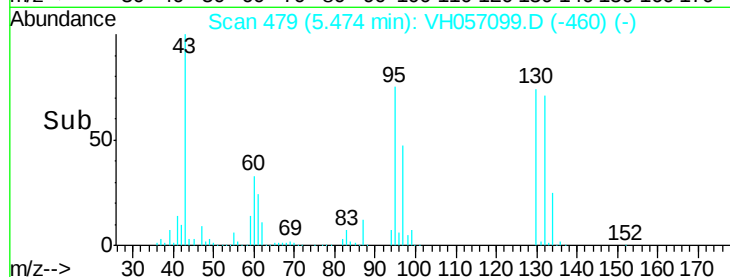
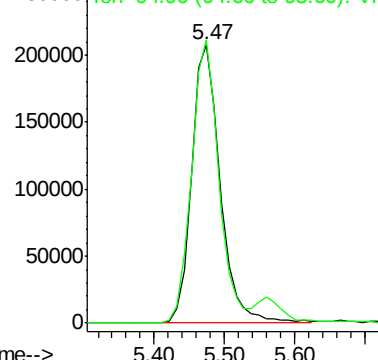
#43
 Trichloroethene
 Concen: 52.97 ug/l
 RT: 5.47 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:130 Resp: 582102
 Ion Ratio Lower Upper
 130 100
 95 101.7 84.0 126.0

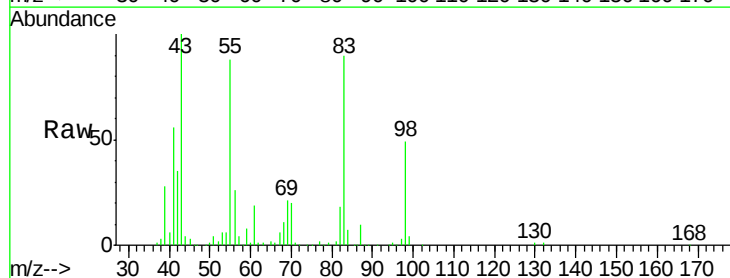


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VH0

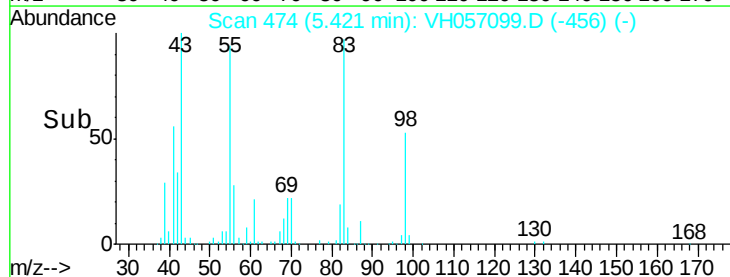
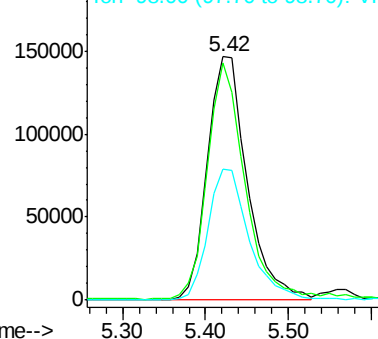


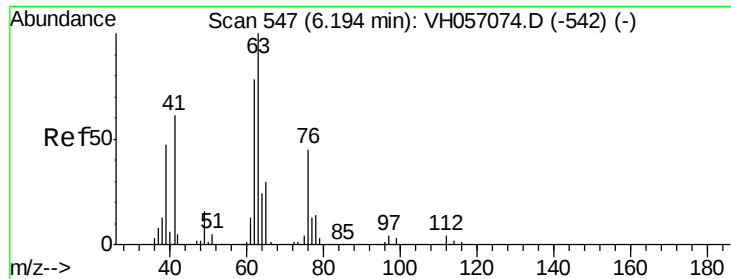
#44
 Methylcyclohexane
 Concen: 46.82 ug/l
 RT: 5.42 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

Tgt Ion: 83 Resp: 490036
 Ion Ratio Lower Upper
 83 100
 55 97.6 0.0 207.2
 98 54.0 0.0 108.4



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





#45

1,2-Dichloropropane

Concen: 45.34 ug/l

RT: 6.19 min Scan# 547

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

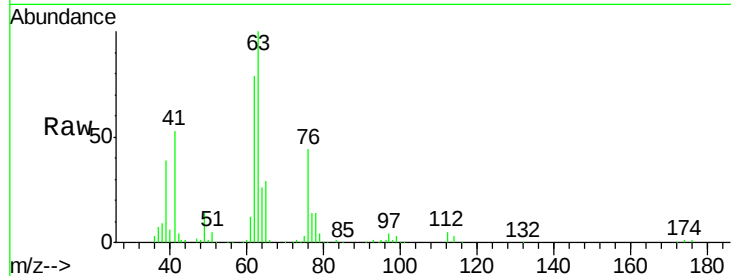
VSTDCCC050EC

Tgt Ion: 63 Resp: 621556

Ion Ratio Lower Upper

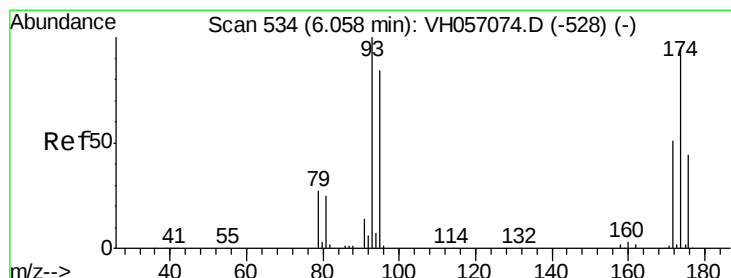
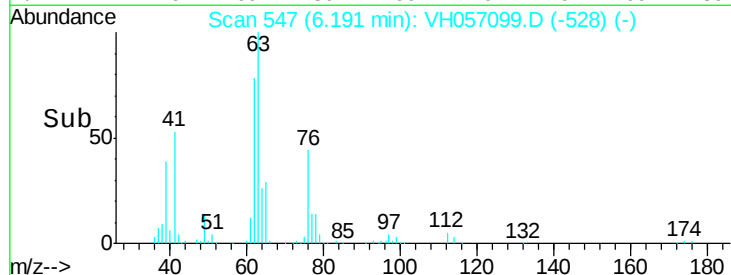
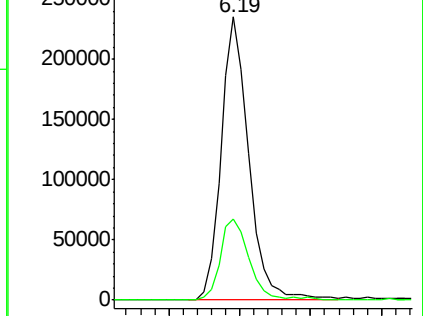
63 100

65 28.7 23.8 35.8



Abundance Ion 63.00 (62.70 to 63.70): VH0

Ion 65.00 (64.70 to 65.70): VH0



#46

Dibromomethane

Concen: 47.80 ug/l

RT: 6.04 min Scan# 533

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

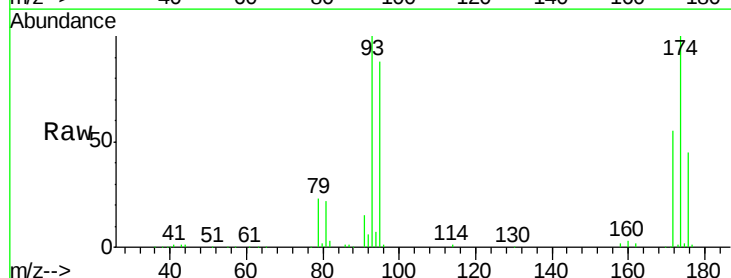
Tgt Ion: 93 Resp: 426147

Ion Ratio Lower Upper

93 100

95 88.5 69.5 104.3

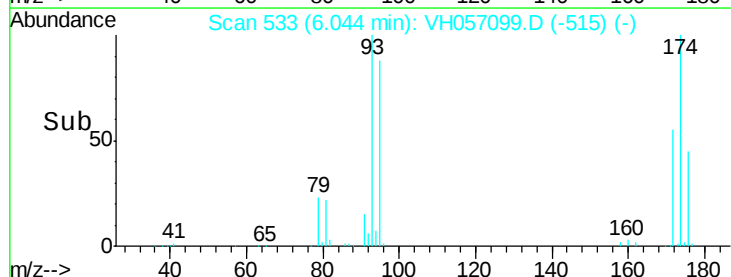
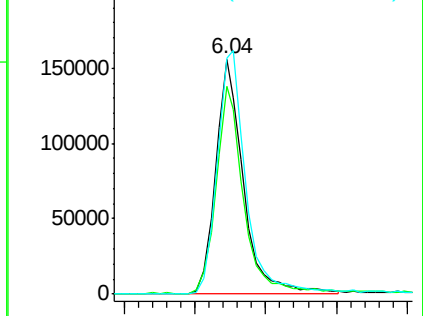
174 100.3 75.8 113.6

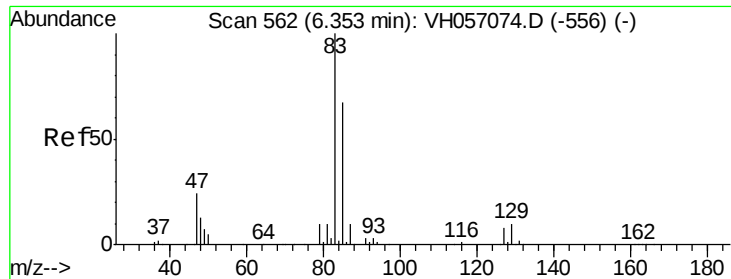


Abundance Ion 93.00 (92.70 to 93.70): VH0

Ion 95.00 (94.70 to 95.70): VH0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 45.74 ug/l

RT: 6.34 min Scan# 561

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050EC

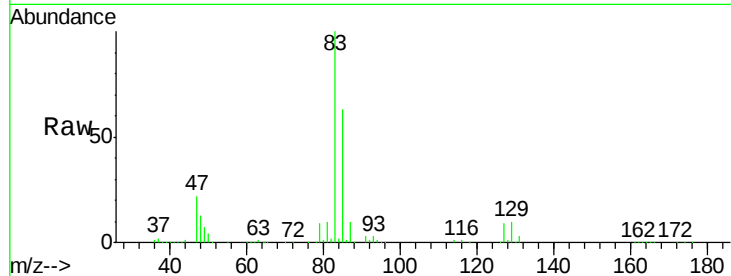
Tgt Ion: 83 Resp: 835350

Ion Ratio Lower Upper

83 100

85 63.2 52.6 78.8

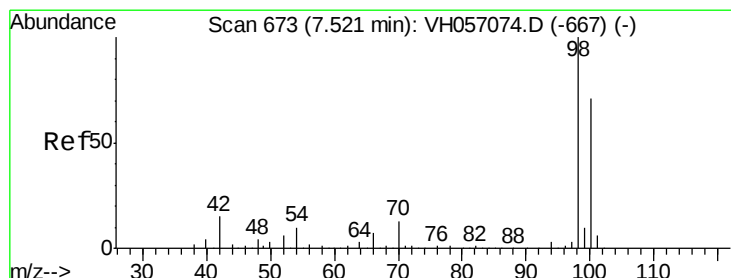
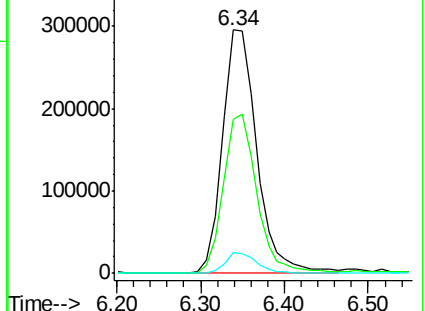
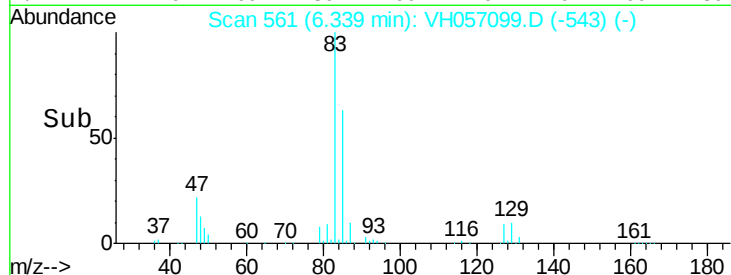
127 8.5 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VH057099.D (-543) (-)

Ion 85.00 (84.70 to 85.70): VH057099.D (-543) (-)

Ion 127.00 (126.70 to 127.70): VH057099.D (-543) (-)



#48

Toluene-d8

Concen: 46.98 ug/l

RT: 7.51 min Scan# 672

Delta R.T. -0.01 min

Lab File: VH057099.D

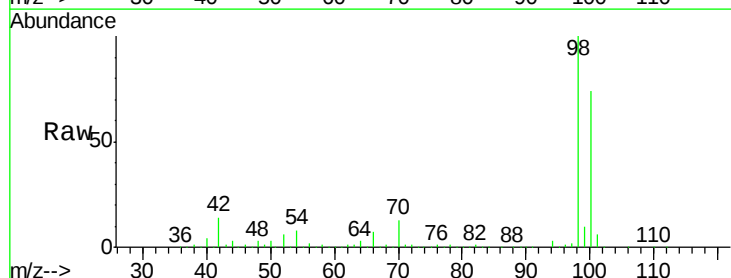
Acq: 21 Sep 2015 19:07

Tgt Ion: 98 Resp: 1777427

Ion Ratio Lower Upper

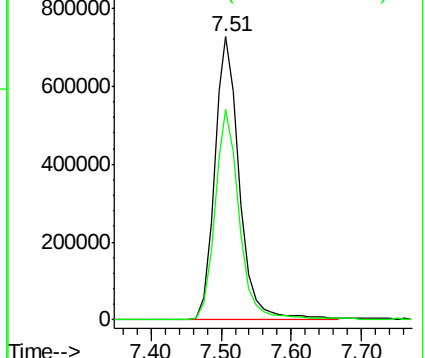
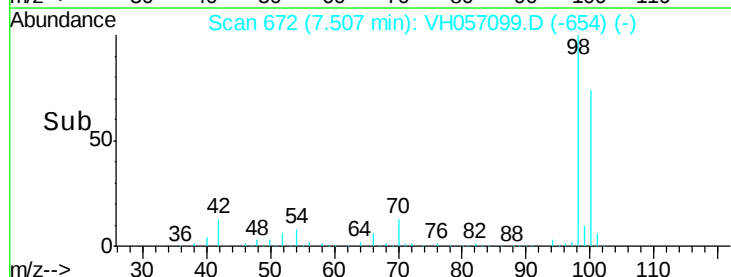
98 100

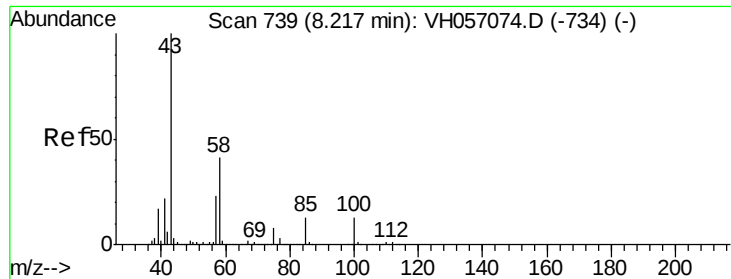
100 74.2 56.7 85.1



Abundance Ion 98.00 (97.70 to 98.70): VH057099.D (-654) (-)

Ion 100.00 (99.70 to 100.70): VH057099.D (-654) (-)

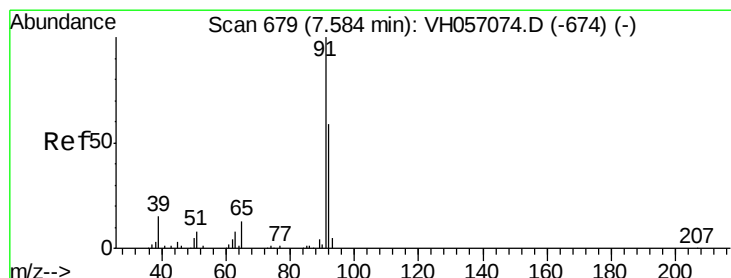
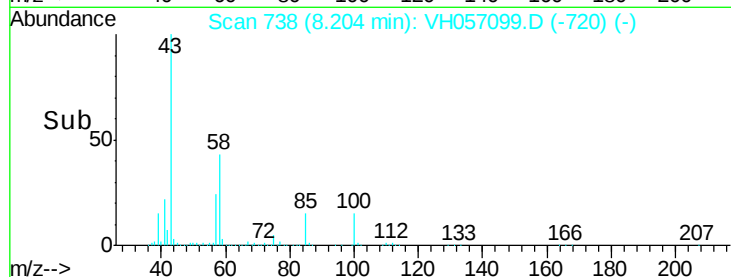
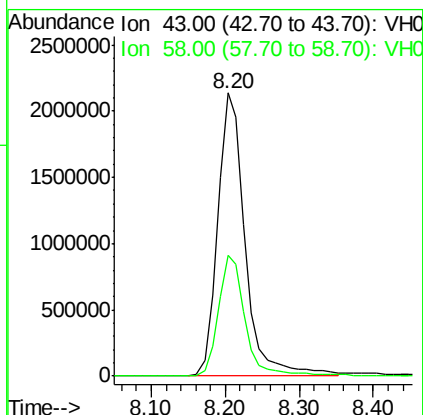
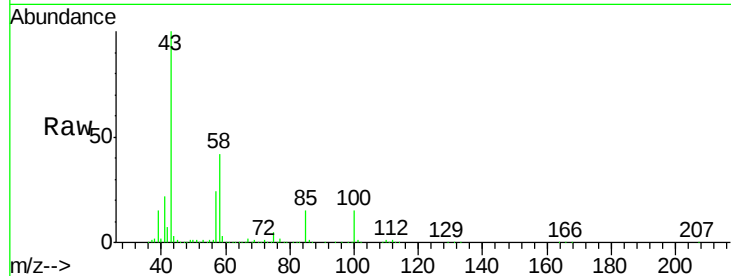




#49
 4-Methyl-2-Pentanone
 Concen: 206.26 ug/l
 RT: 8.20 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

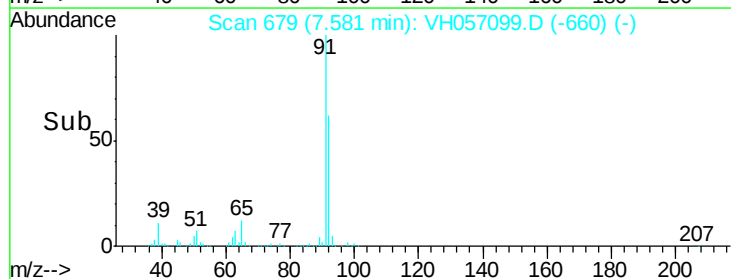
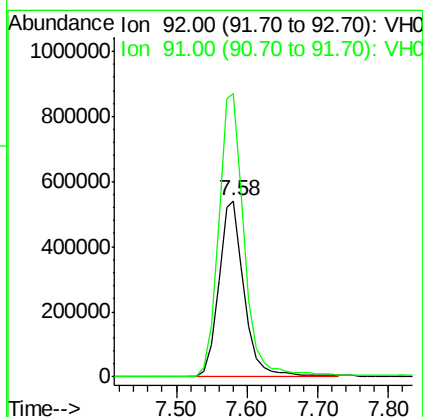
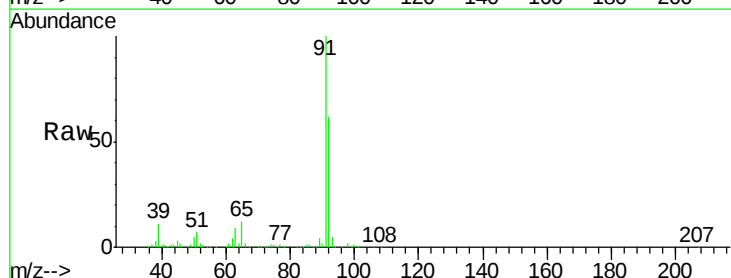
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050EC

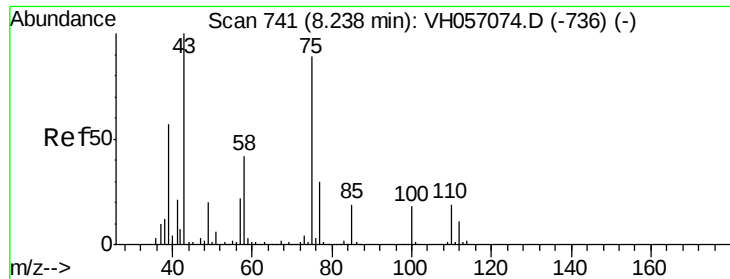
Tgt Ion: 43 Resp: 5561372
 Ion Ratio Lower Upper
 43 100
 58 42.5 20.0 60.0



#50
 Toluene
 Concen: 48.93 ug/l
 RT: 7.58 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

Tgt Ion: 92 Resp: 1354668
 Ion Ratio Lower Upper
 92 100
 91 160.6 125.8 188.6





#51

t-1,3-Dichloropropene

Concen: 46.92 ug/l

RT: 8.22 min Scan# 740

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

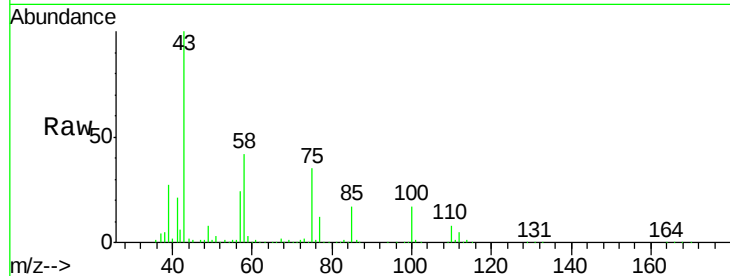
VSTDCCC050EC

Tgt Ion: 75 Resp: 982531

Ion Ratio Lower Upper

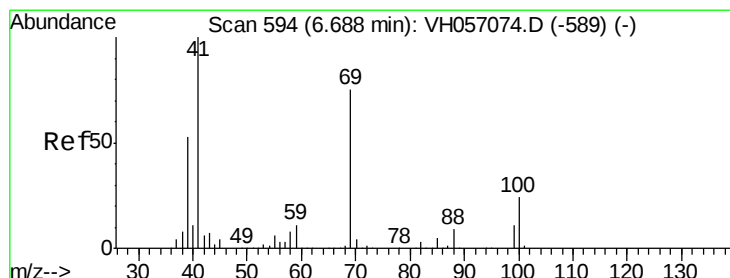
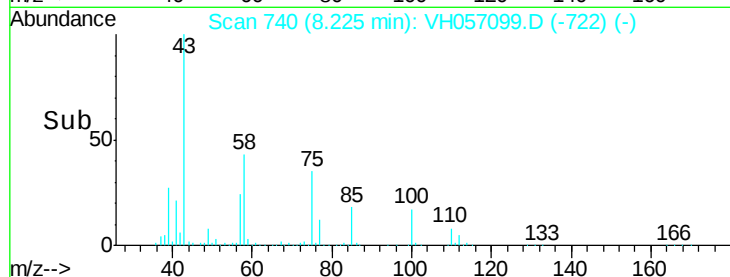
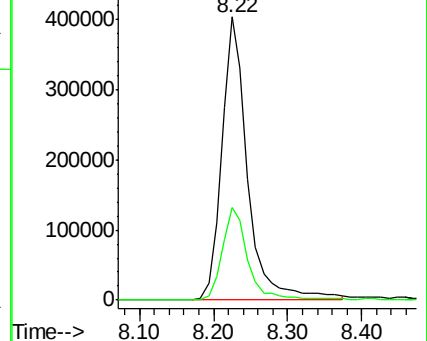
75 100

77 32.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VH0

Ion 77.00 (76.70 to 77.70): VH0



#52

Methyl Methacrylate

Concen: 48.72 ug/l

RT: 6.67 min Scan# 593

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

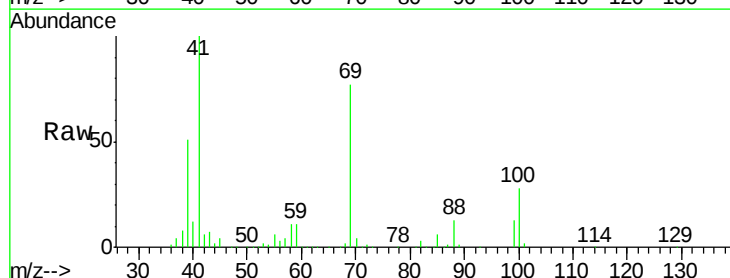
Tgt Ion: 69 Resp: 661014

Ion Ratio Lower Upper

69 100

41 130.1 70.0 209.8

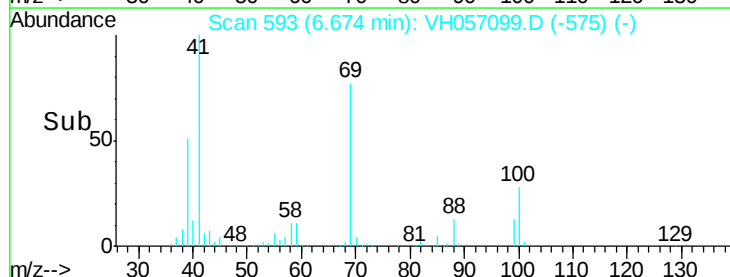
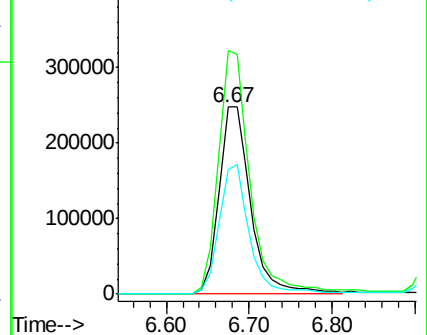
39 66.4 37.5 112.5

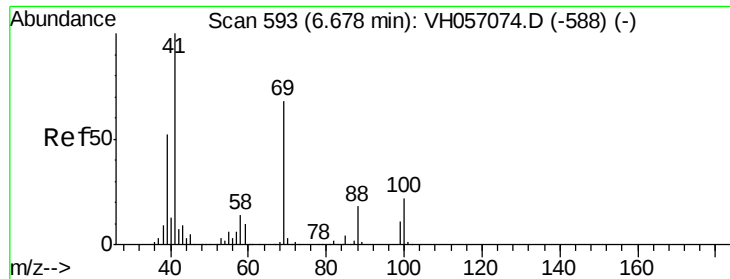


Abundance Ion 69.00 (68.70 to 69.70): VH0

Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

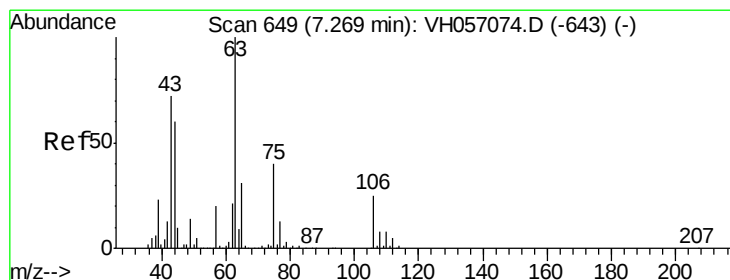
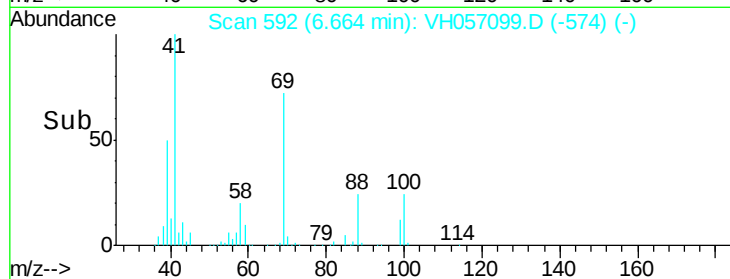
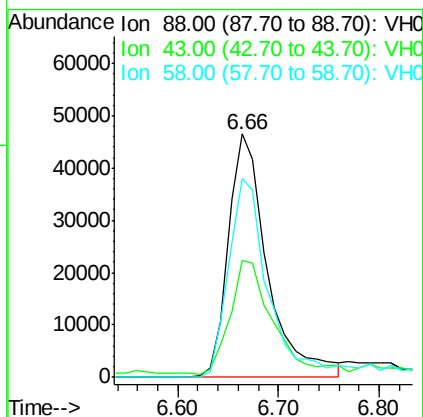
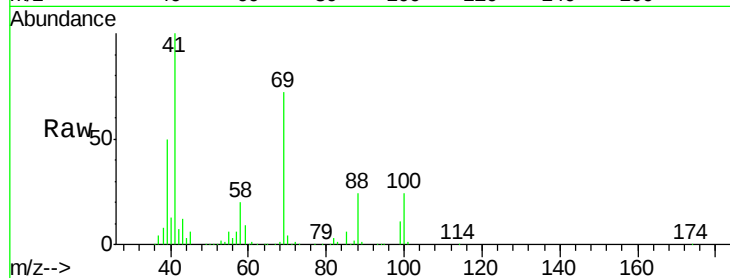




#53
 1,4-Dioxane
 Concen: 791.05 ug/l
 RT: 6.66 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

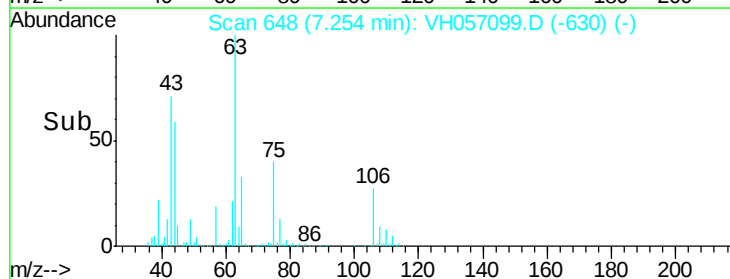
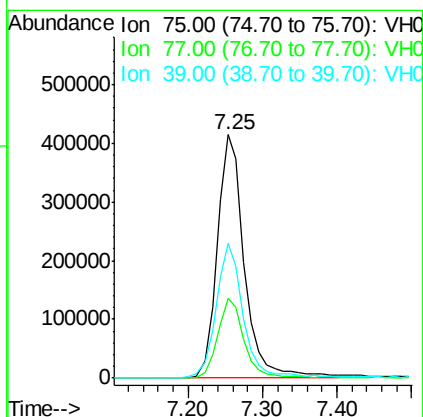
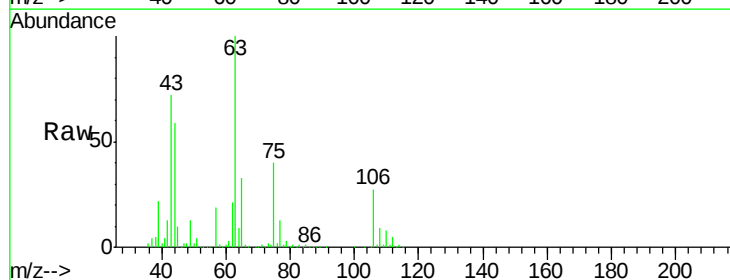
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050EC

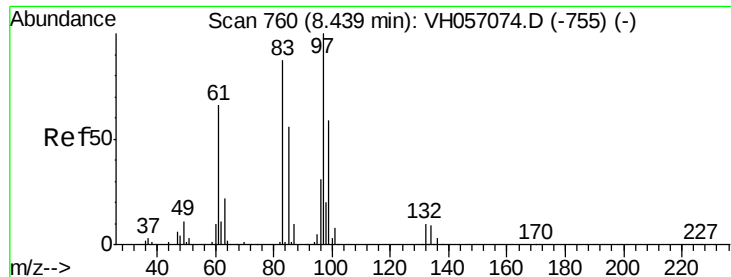
Tgt Ion: 88 Resp: 125873
 Ion Ratio Lower Upper
 88 100
 43 48.2 39.6 59.4
 58 81.6 61.4 92.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.62 ug/l
 RT: 7.25 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

Tgt Ion: 75 Resp: 1058826
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.2 37.8
 39 55.6 50.7 76.1





#55

1,1,2-Trichloroethane

Concen: 47.73 ug/l

RT: 8.44 min Scan# 760

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 560990

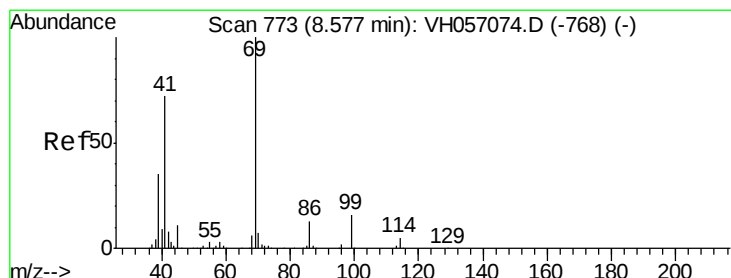
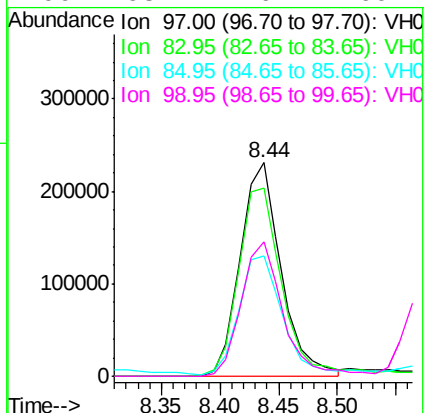
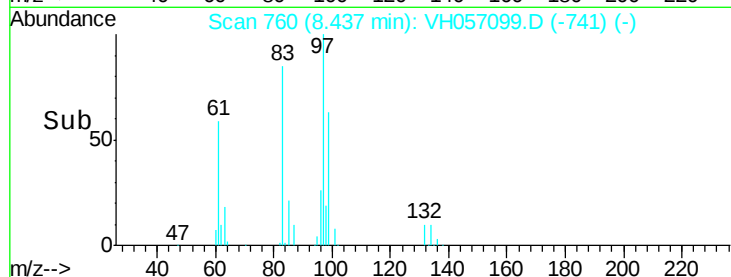
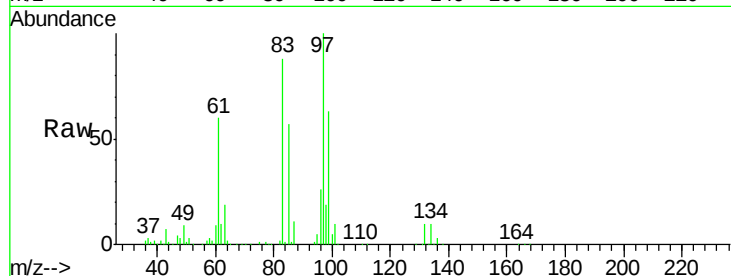
Ion	Ratio	Lower	Upper
97	100		
83	88.3	72.7	109.1
85	56.6	45.5	68.3
99	63.1	46.2	69.2

97 100

83 88.3 72.7 109.1

85 56.6 45.5 68.3

99 63.1 46.2 69.2



#56

Ethyl Methacrylate

Concen: 48.81 ug/l

RT: 8.57 min Scan# 773

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

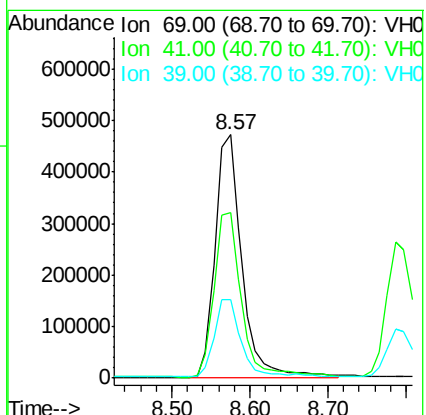
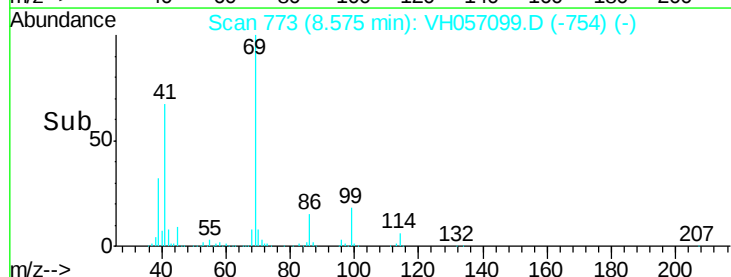
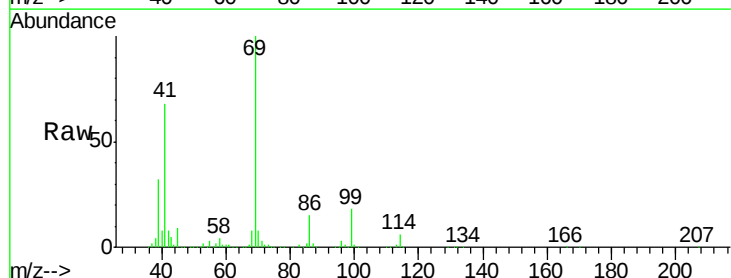
Tgt Ion: 69 Resp: 1133049

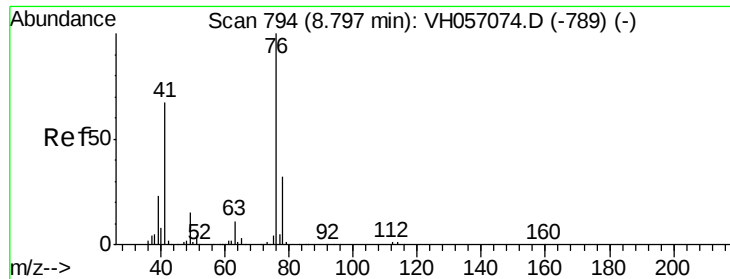
Ion	Ratio	Lower	Upper
69	100		
41	68.1	39.1	117.3
39	32.5	19.2	57.6

69 100

41 68.1 39.1 117.3

39 32.5 19.2 57.6

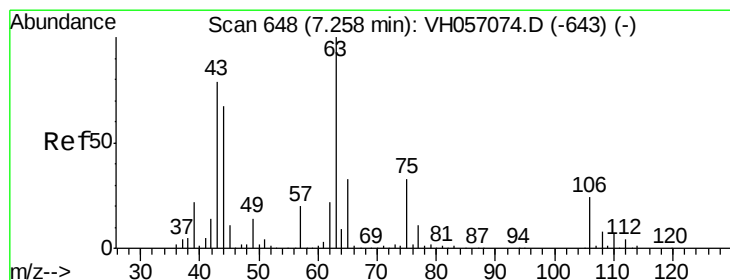
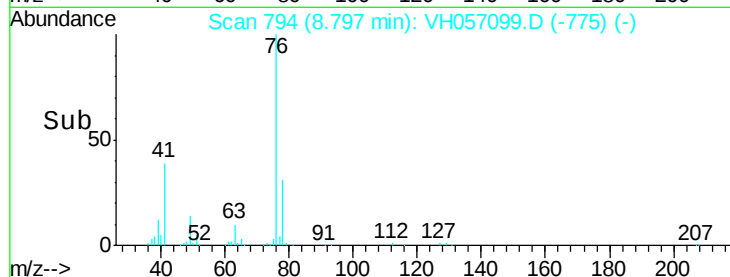
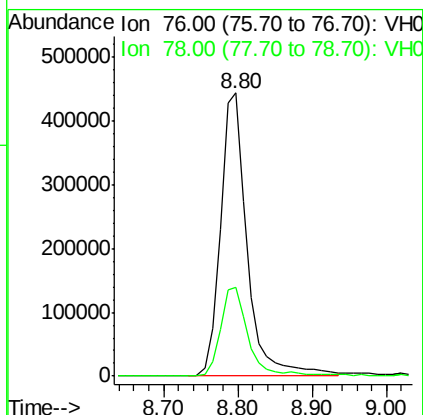
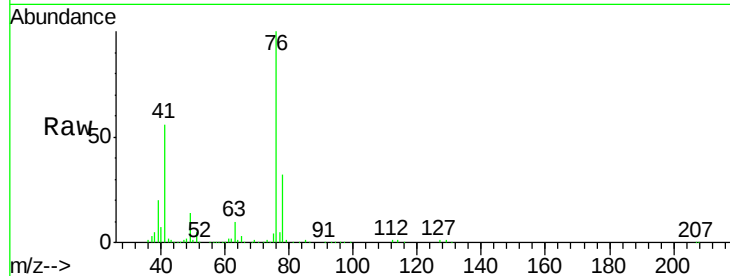




#57
 1,3-Dichloropropane
 Concen: 47.20 ug/l
 RT: 8.80 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

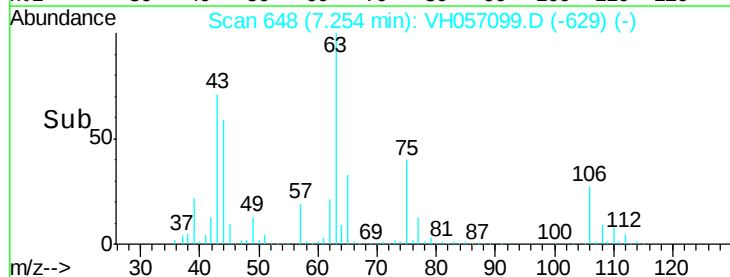
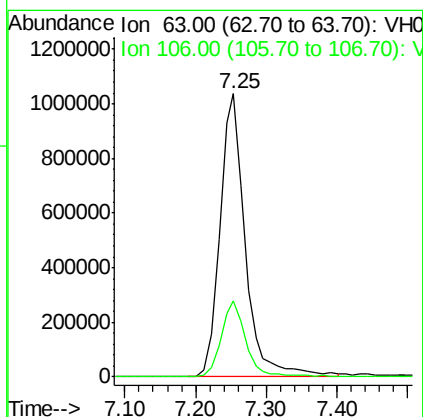
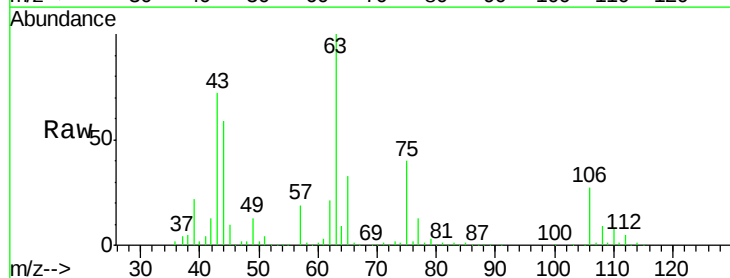
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050EC

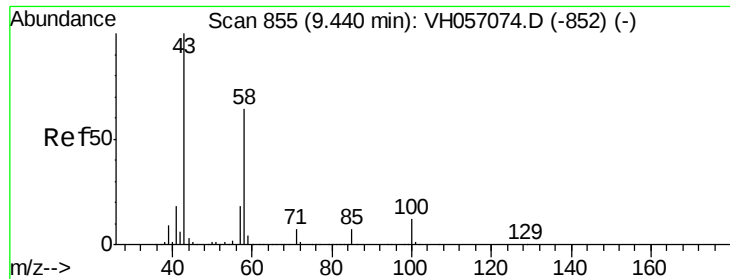
Tgt Ion: 76 Resp: 1128261
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.50 ug/l
 RT: 7.25 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

Tgt Ion: 63 Resp: 2611130
 Ion Ratio Lower Upper
 63 100
 106 26.8 18.0 27.0

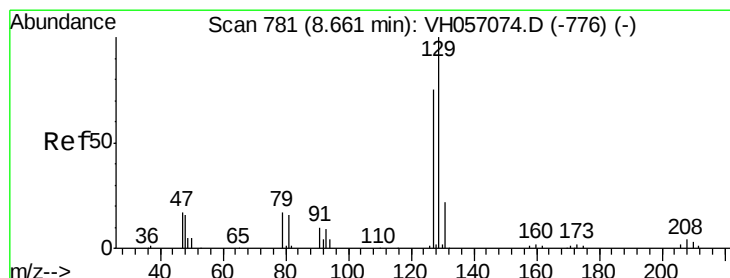
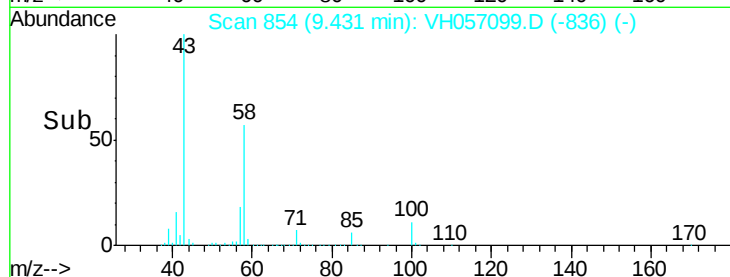
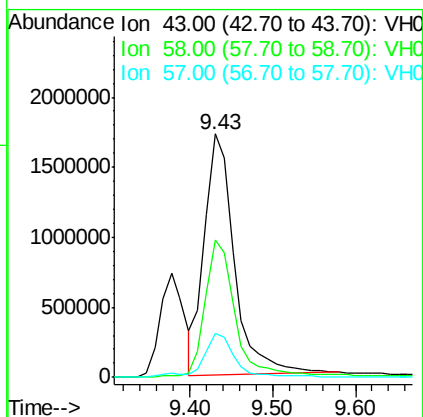
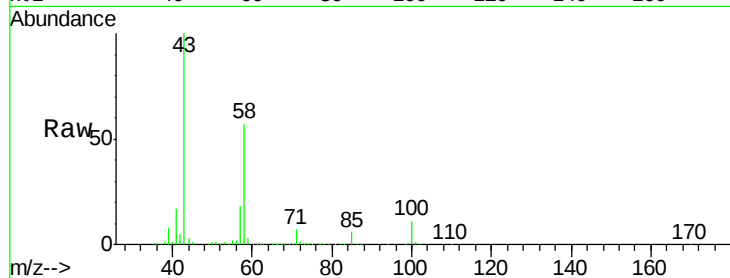




#59
2-Hexanone
Concen: 204.92 ug/l
RT: 9.43 min Scan# 854
Delta R.T. -0.01 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

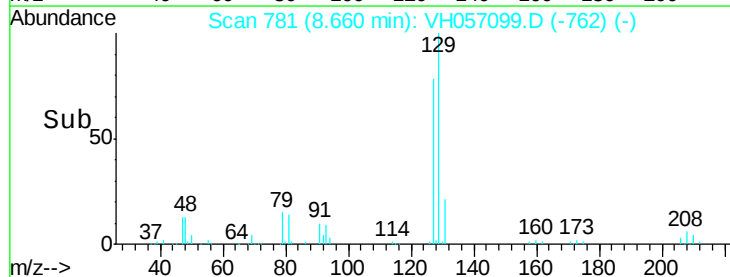
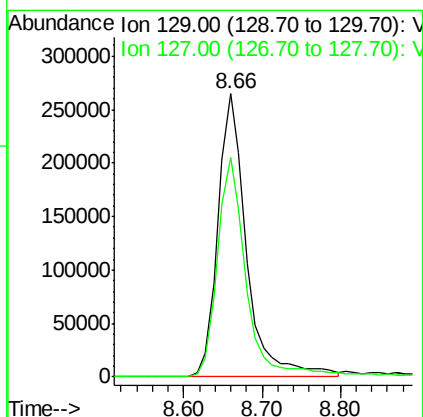
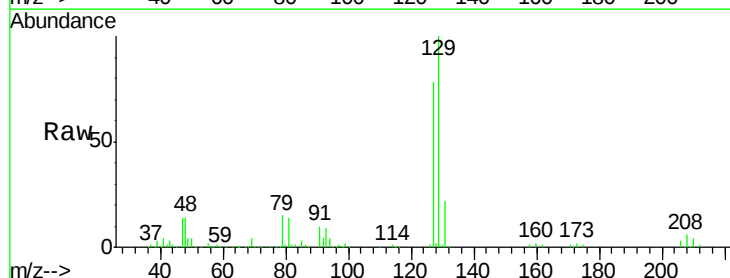
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050EC

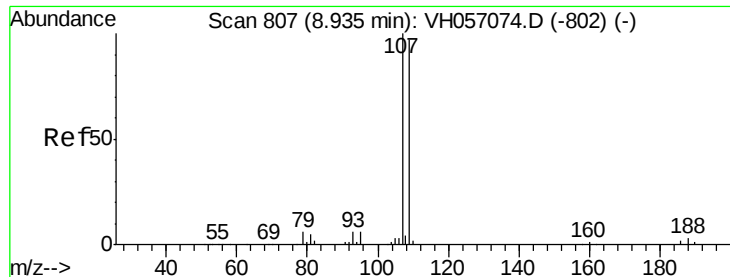
Tgt Ion: 43 Resp: 4317214
Ion Ratio Lower Upper
43 100
58 56.6 27.1 81.2
57 17.9 8.1 24.3



#60
Dibromochloromethane
Concen: 49.95 ug/l
RT: 8.66 min Scan# 781
Delta R.T. -0.00 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

Tgt Ion: 129 Resp: 665547
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3

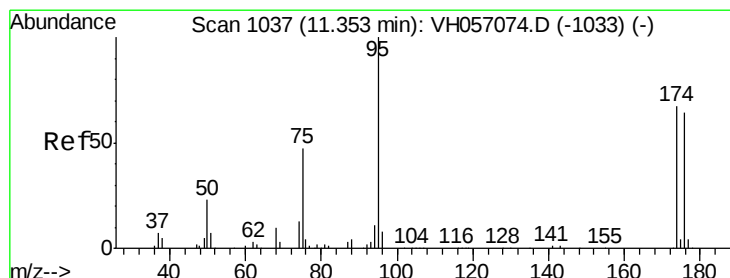
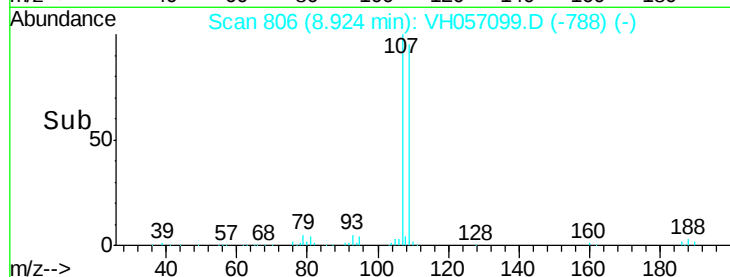
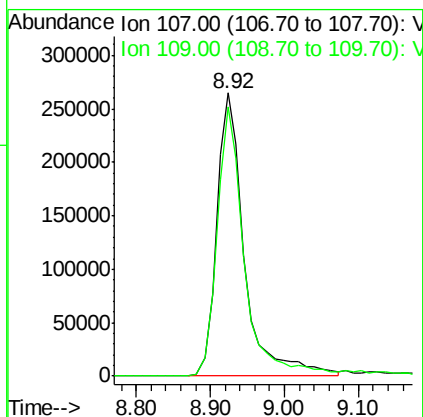
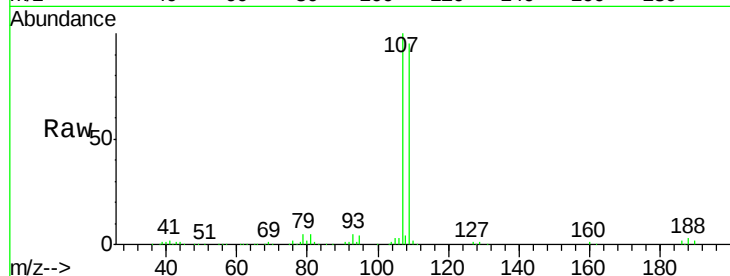




#61
 1,2-Dibromoethane
 Concen: 50.94 ug/l
 RT: 8.92 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

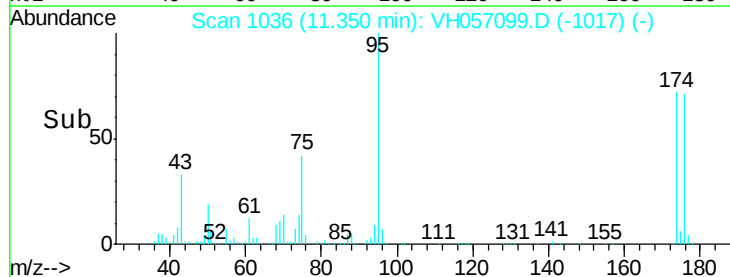
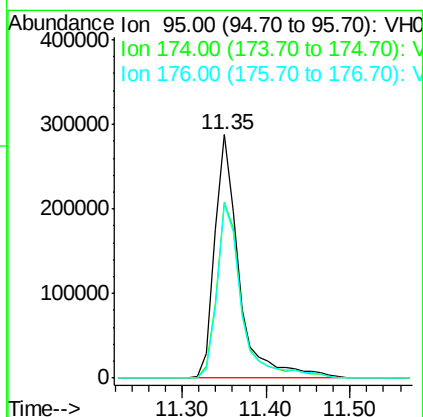
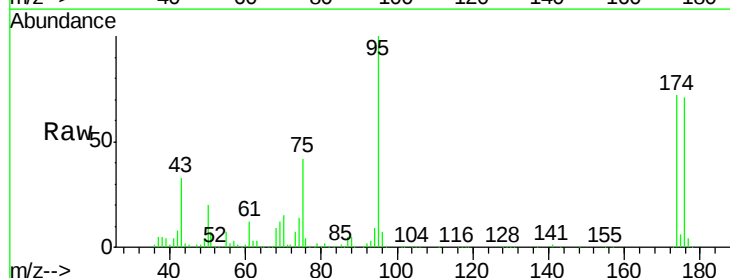
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050EC

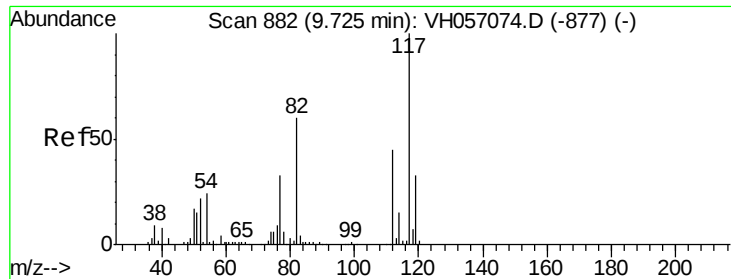
Tgt Ion: 107 Resp: 689015
 Ion Ratio Lower Upper
 107 100
 109 95.0 77.7 116.5



#62
 4-Bromofluorobenzene
 Concen: 45.04 ug/l
 RT: 11.35 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

Tgt Ion: 95 Resp: 574710
 Ion Ratio Lower Upper
 95 100
 174 72.4 58.4 87.6
 176 71.5 54.3 81.5

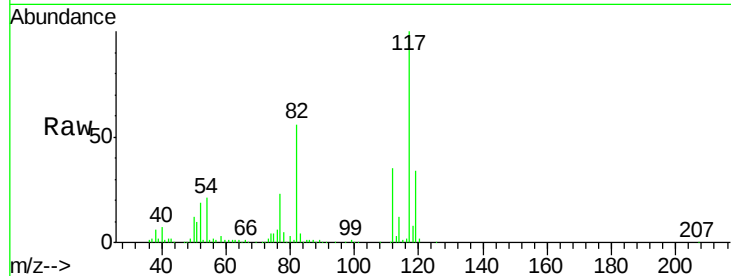




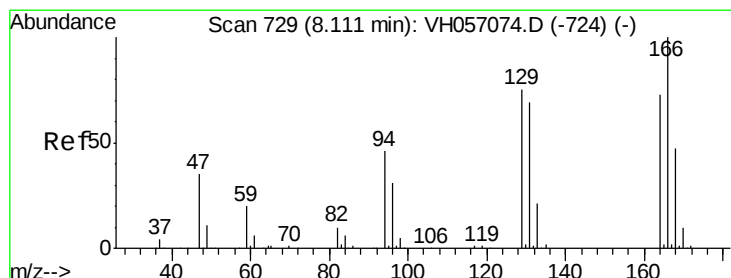
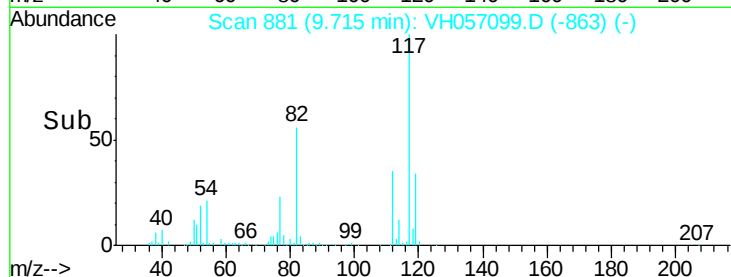
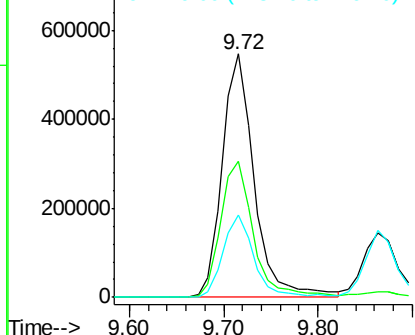
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.72 min Scan# 881
Delta R.T. -0.01 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 1280277
Ion Ratio Lower Upper
117 100
82 55.7 51.0 76.6
119 33.8 26.7 40.1

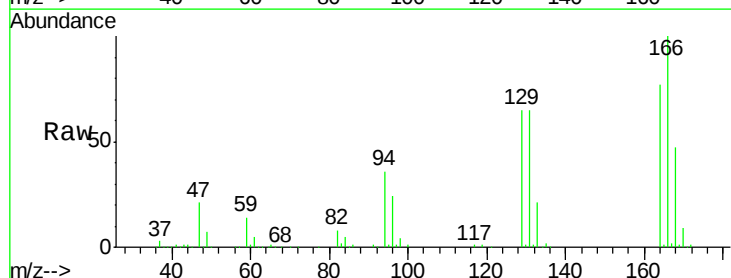


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

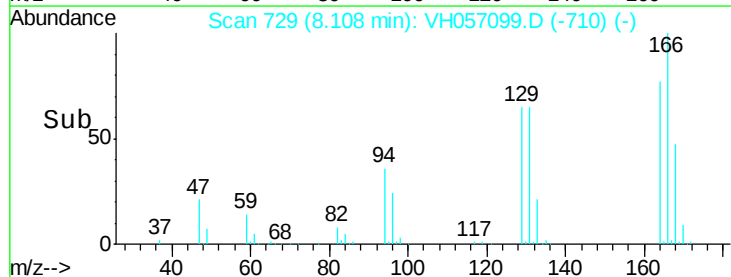
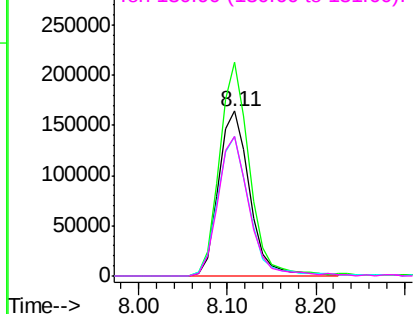


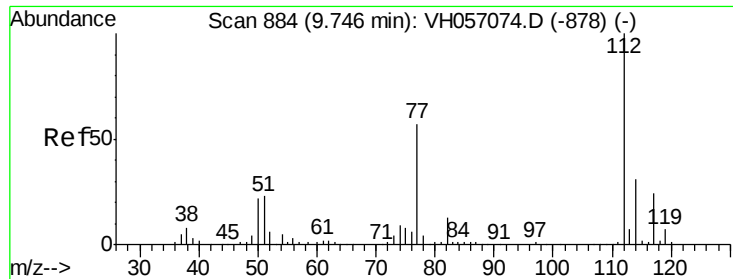
#64
Tetrachloroethene
Concen: 56.51 ug/l
RT: 8.11 min Scan# 729
Delta R.T. -0.00 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

Tgt Ion:164 Resp: 409919
Ion Ratio Lower Upper
164 100
166 129.4 103.2 154.8
129 84.3 73.4 110.0
131 84.5 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

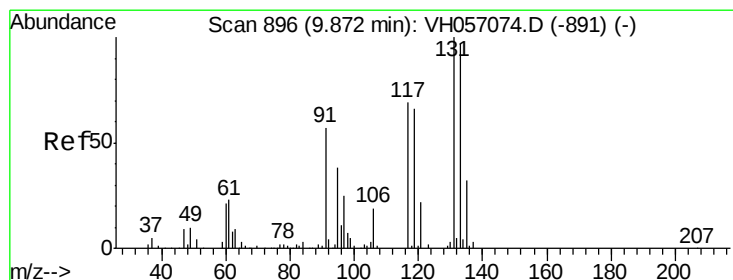
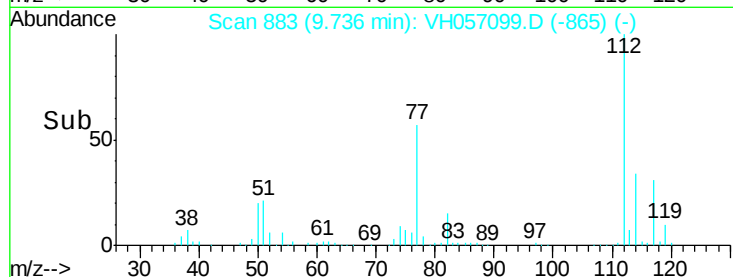
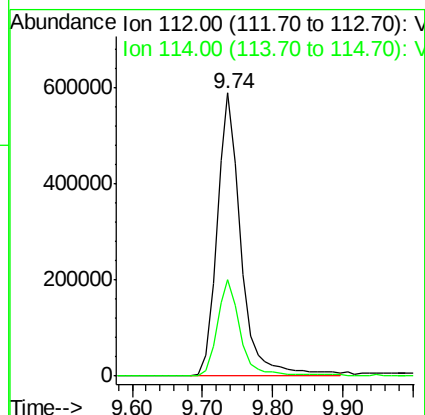
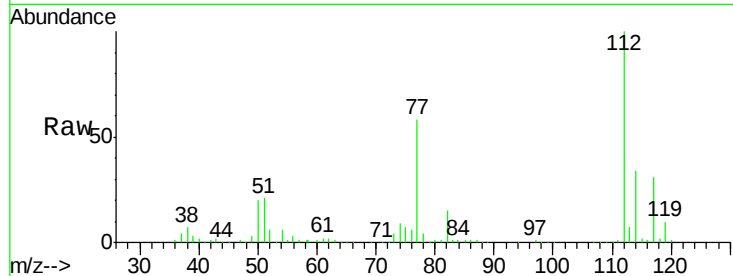




#65
Chlorobenzene
Concen: 50.56 ug/l
RT: 9.74 min Scan# 883
Delta R.T. -0.01 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

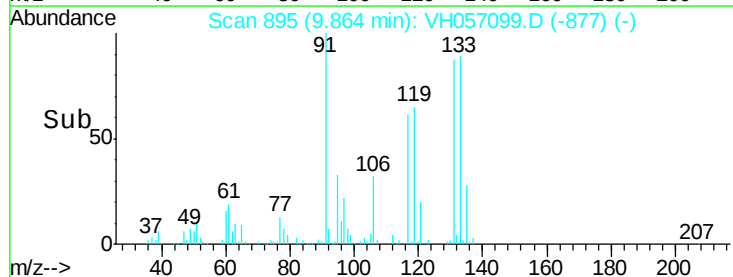
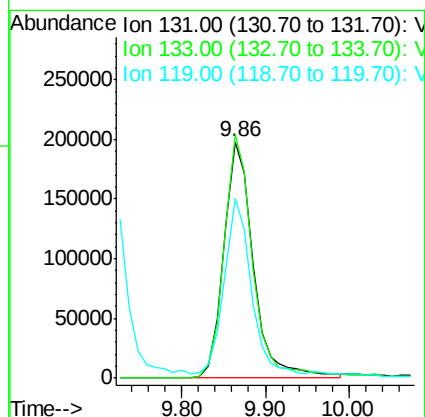
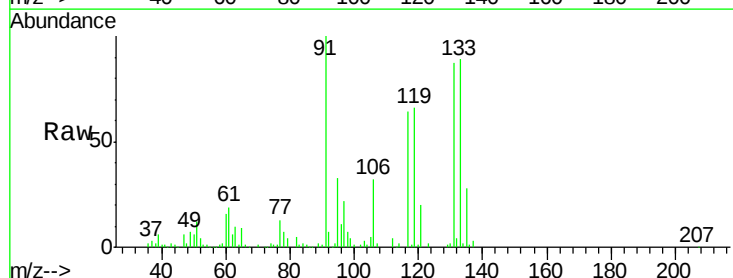
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050EC

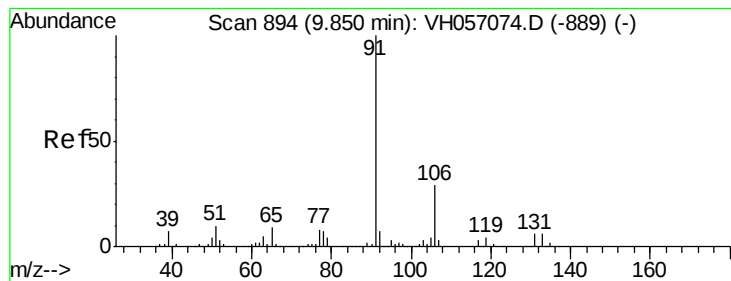
Tgt Ion:112 Resp: 1408444
Ion Ratio Lower Upper
112 100
114 34.3 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.98 ug/l
RT: 9.86 min Scan# 895
Delta R.T. -0.01 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

Tgt Ion:131 Resp: 480414
Ion Ratio Lower Upper
131 100
133 103.0 51.1 153.3
119 75.8 36.3 108.9





#67

Ethyl Benzene

Concen: 49.91 ug/l

RT: 9.84 min Scan# 893

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

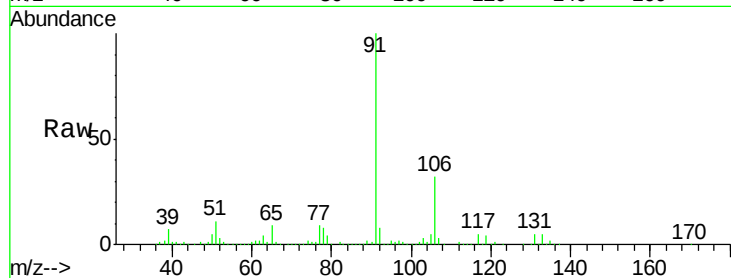
VSTDCCC050EC

Tgt Ion:106 Resp: 665564

Ion Ratio Lower Upper

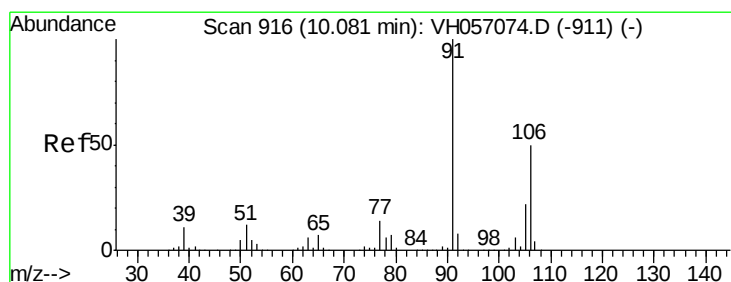
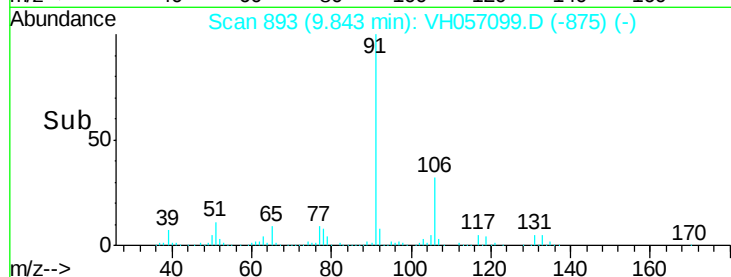
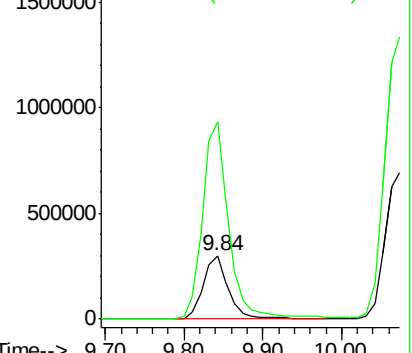
106 100

91 310.3 264.9 397.3



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VH0



#68

m/p-Xylenes

Concen: 98.52 ug/l

RT: 10.07 min Scan# 915

Delta R.T. -0.01 min

Lab File: VH057099.D

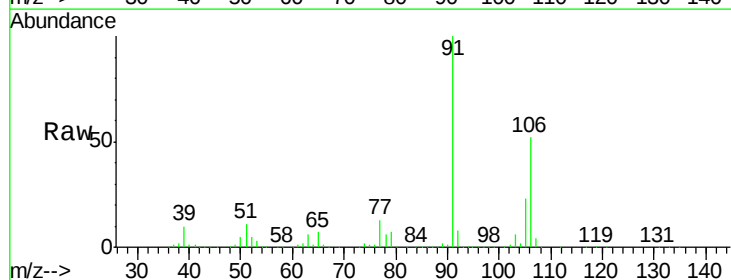
Acq: 21 Sep 2015 19:07

Tgt Ion:106 Resp: 1598047

Ion Ratio Lower Upper

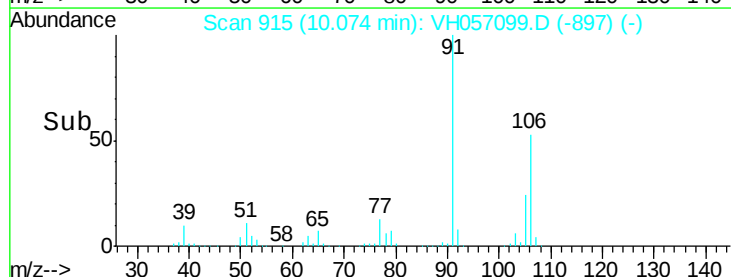
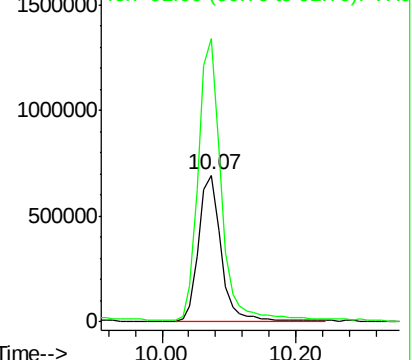
106 100

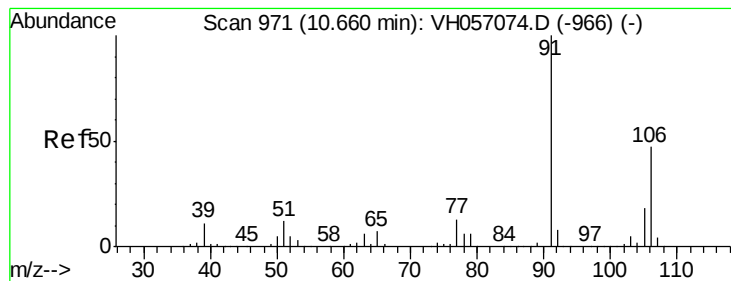
91 192.5 164.4 246.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VH0





#69

o-Xylene

Concen: 51.86 ug/l

RT: 10.65 min Scan# 970

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

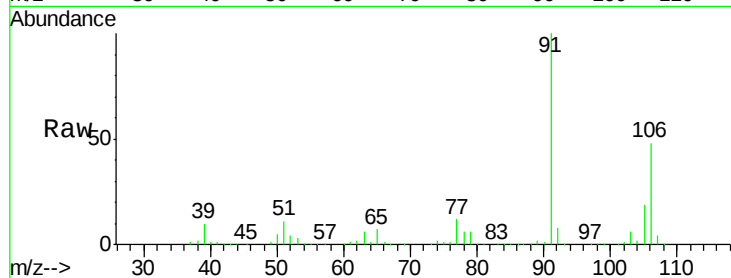
VSTDCCC050EC

Tgt Ion:106 Resp: 807717

Ion Ratio Lower Upper

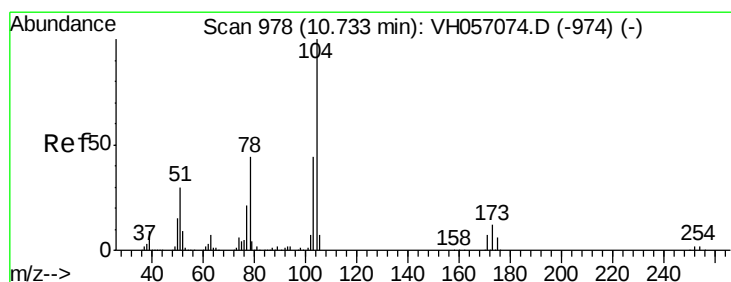
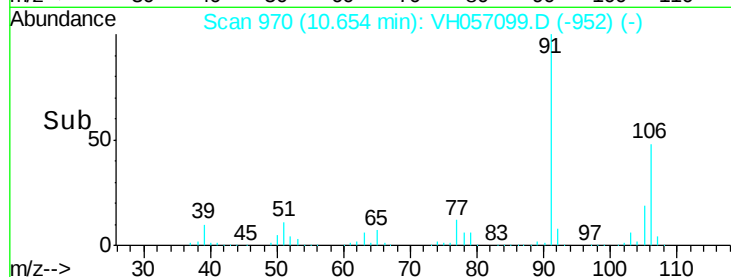
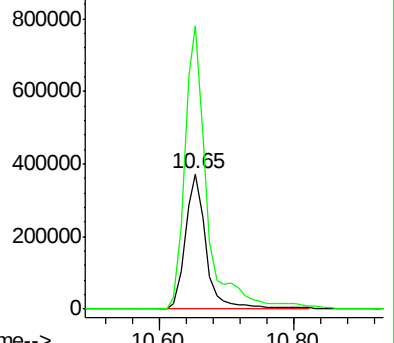
106 100

91 209.5 104.2 312.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VH0



#70

Styrene

Concen: 49.85 ug/l

RT: 10.73 min Scan# 977

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

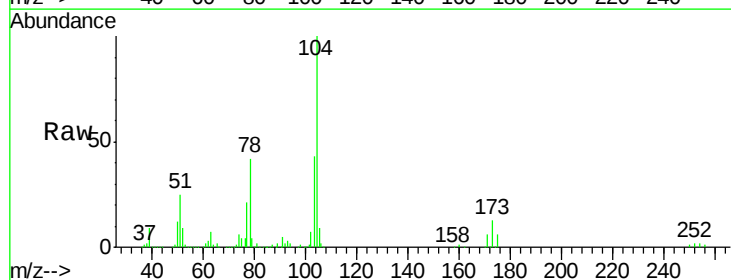
Tgt Ion:104 Resp: 1356026

Ion Ratio Lower Upper

104 100

78 42.2 35.2 52.8

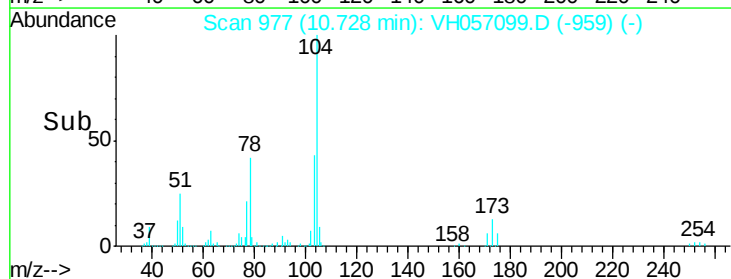
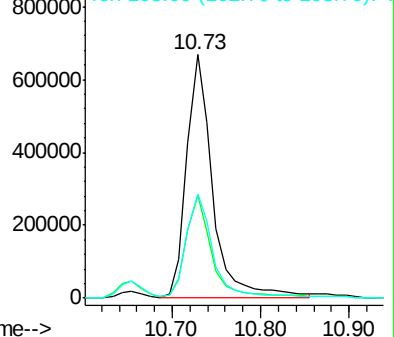
103 42.9 35.8 53.6

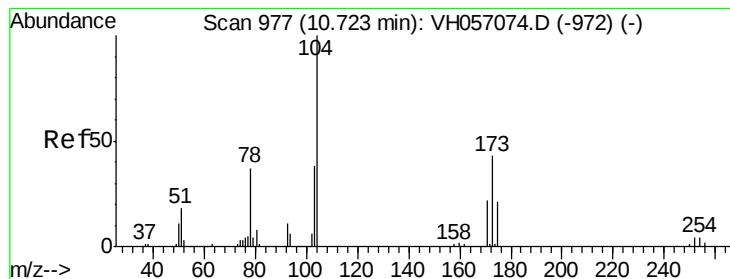


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VH0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.69 ug/l

RT: 10.71 min Scan# 975

Delta R.T. -0.02 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050EC

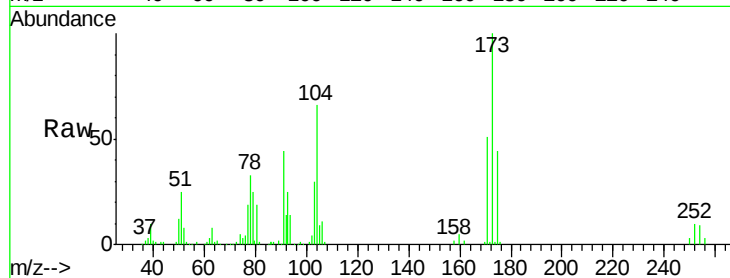
Tgt Ion:173 Resp: 433348

Ion Ratio Lower Upper

173 100

175 44.3 23.3 69.9

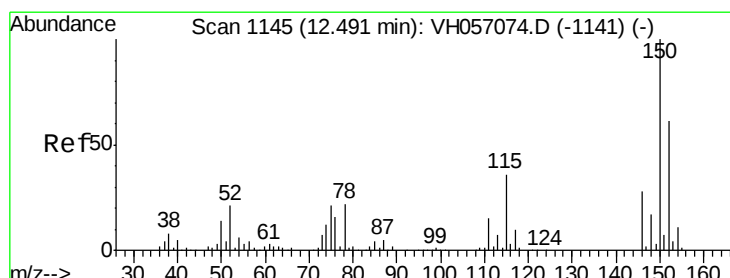
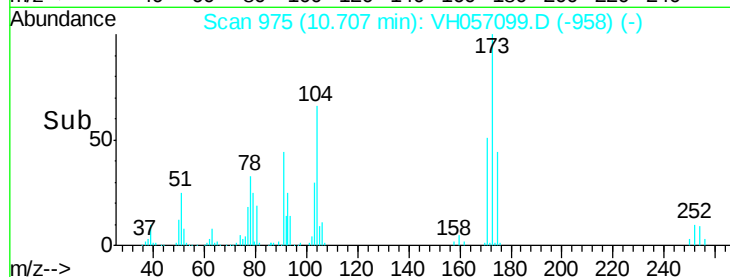
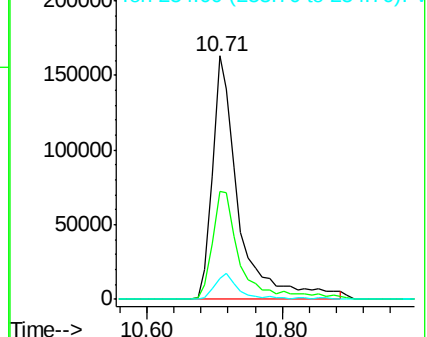
254 8.5 4.4 13.2



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. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

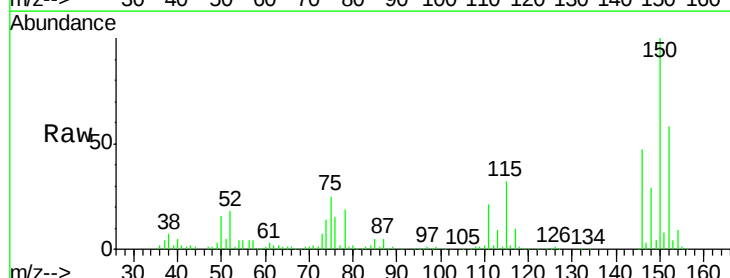
Tgt Ion:152 Resp: 355782

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.6

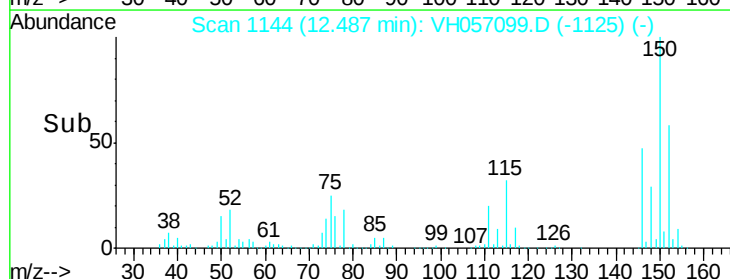
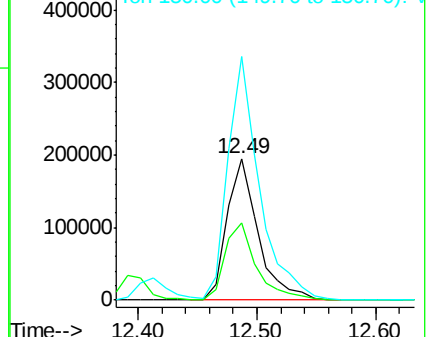
150 172.4 0.0 332.0

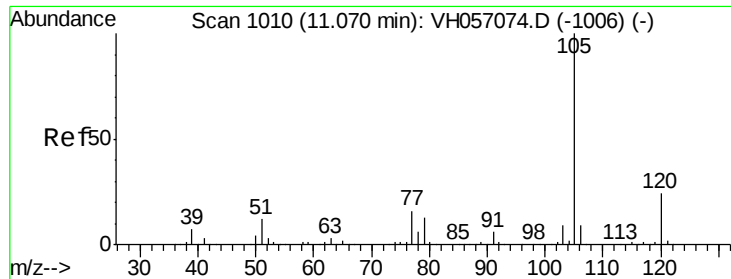


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 50.25 ug/l

RT: 11.06 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

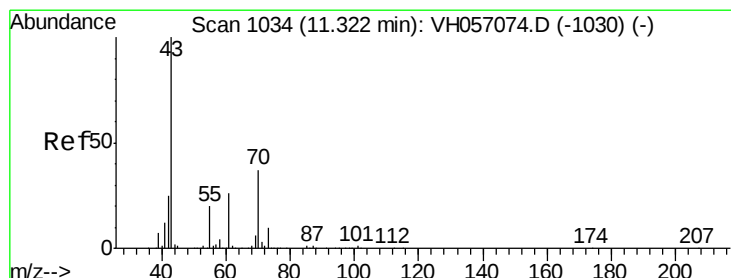
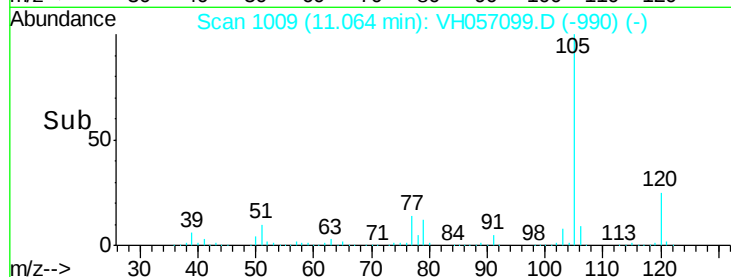
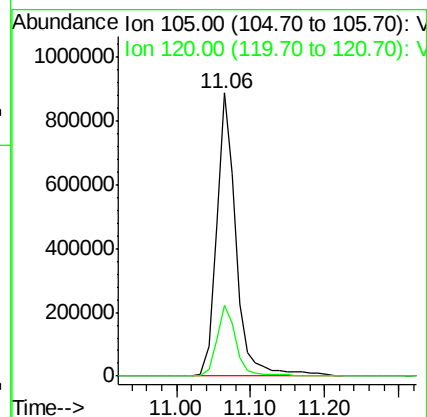
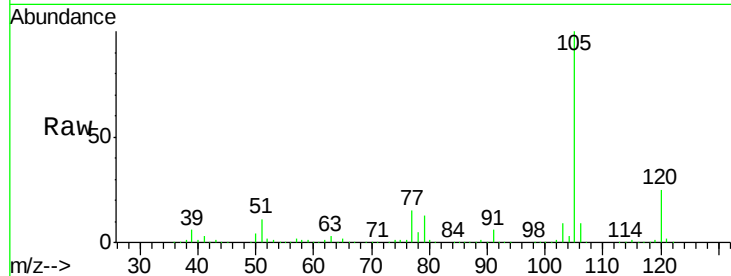
VSTDCCC050EC

Tgt Ion:105 Resp: 1632594

Ion Ratio Lower Upper

105 100

120 25.0 12.2 36.4



#74

n-Amyl Acetate

Concen: 45.06 ug/l

RT: 11.32 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Tgt Ion: 43 Resp: 1555693

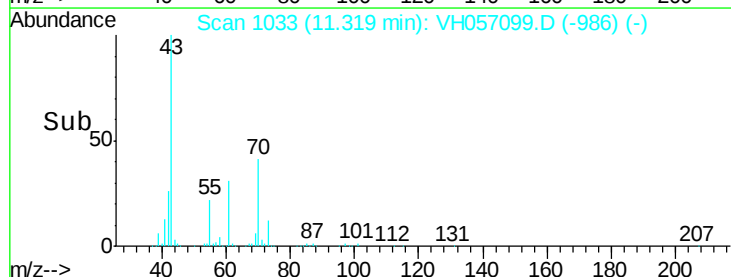
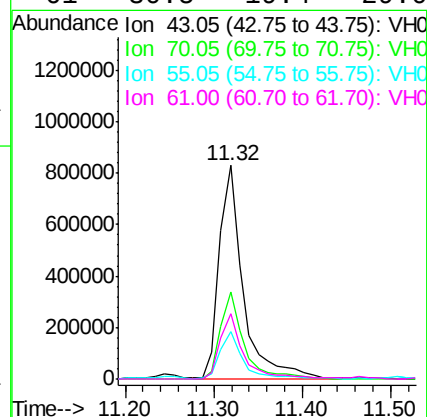
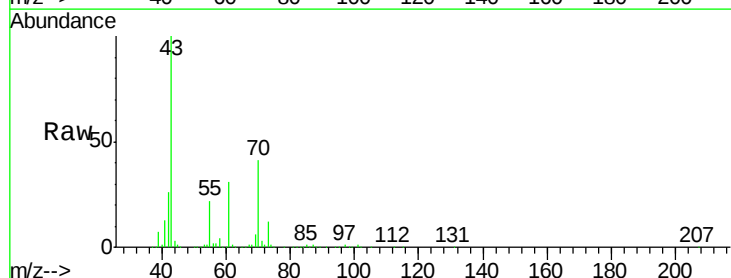
Ion Ratio Lower Upper

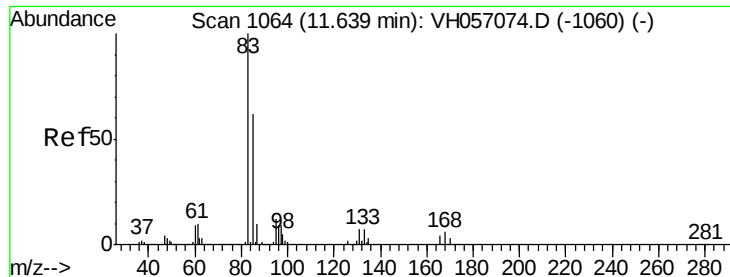
43 100

70 40.9 27.3 40.9

55 22.1 15.3 22.9

61 30.5 19.4 29.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 48.77 ug/l

RT: 11.63 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050EC

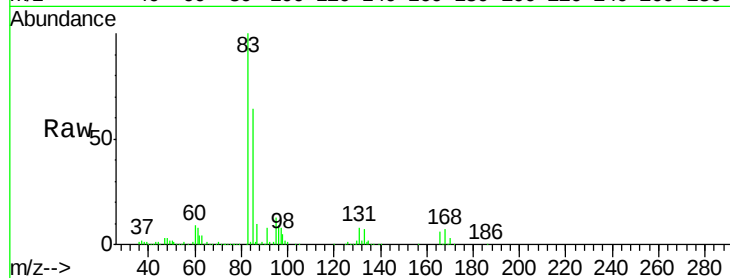
Tgt Ion: 83 Resp: 830780

Ion Ratio Lower Upper

83 100

131 8.3 3.1 9.3

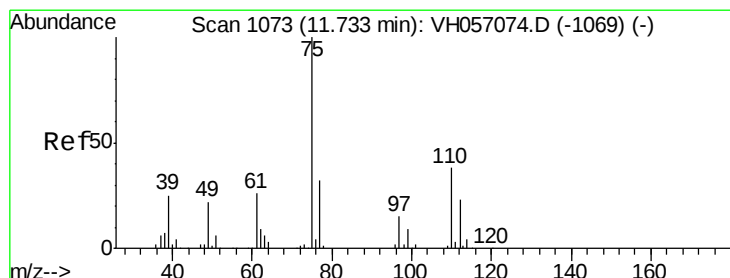
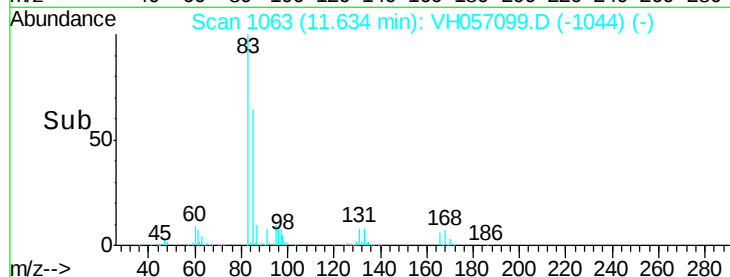
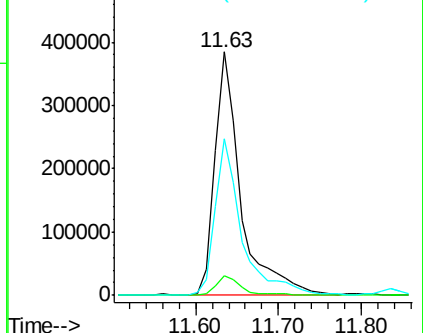
85 64.3 32.3 96.8



Abundance Ion 83.00 (82.70 to 83.70): VH057099.D (-1044) (-)

Ion 131.00 (130.70 to 131.70): VH057099.D (-1044) (-)

Ion 85.00 (84.70 to 85.70): VH057099.D (-1044) (-)



#76

1,2,3-Trichloropropane

Concen: 48.84 ug/l

RT: 11.73 min Scan# 1072

Delta R.T. -0.00 min

Lab File: VH057099.D

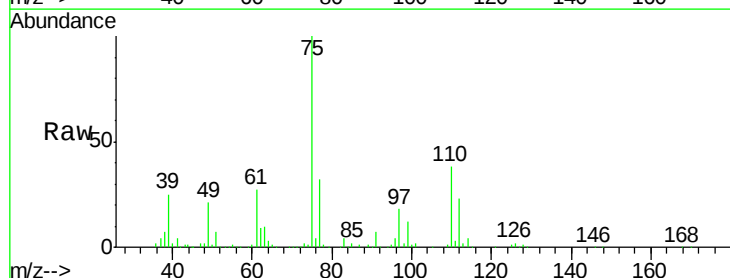
Acq: 21 Sep 2015 19:07

Tgt Ion: 75 Resp: 652792

Ion Ratio Lower Upper

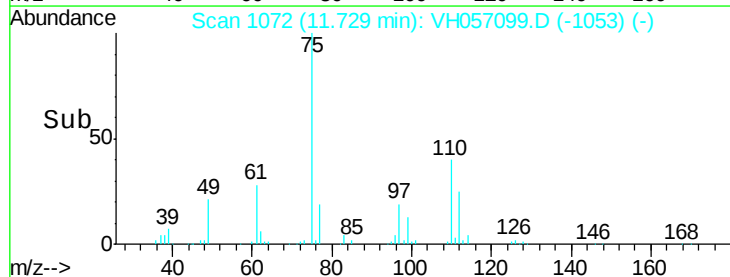
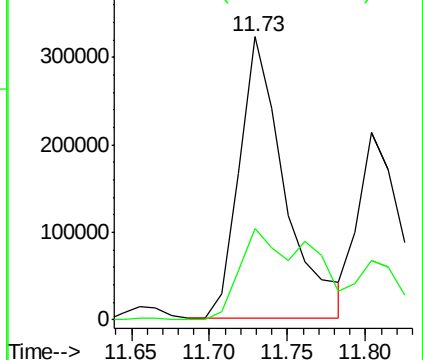
75 100

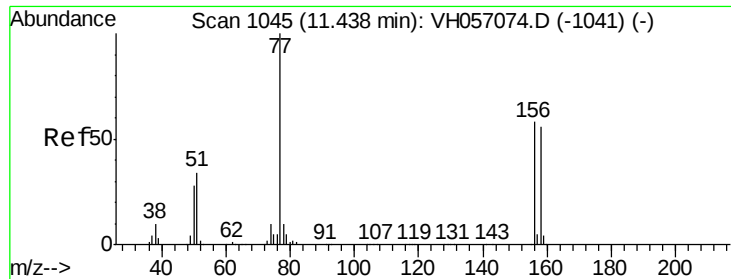
77 32.2 14.9 44.9



Abundance Ion 75.00 (74.70 to 75.70): VH057099.D (-1053) (-)

Ion 77.00 (76.70 to 77.70): VH057099.D (-1053) (-)





#77

Bromobenzene

Concen: 51.28 ug/l

RT: 11.43 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050EC

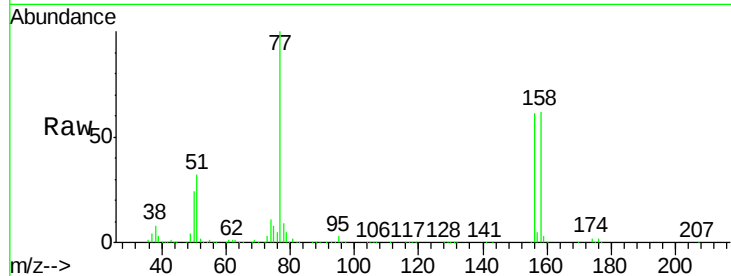
Tgt Ion:156 Resp: 474230

Ion Ratio Lower Upper

156 100

77 163.8 73.5 220.5

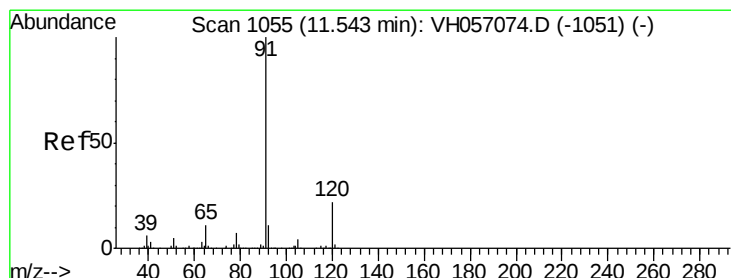
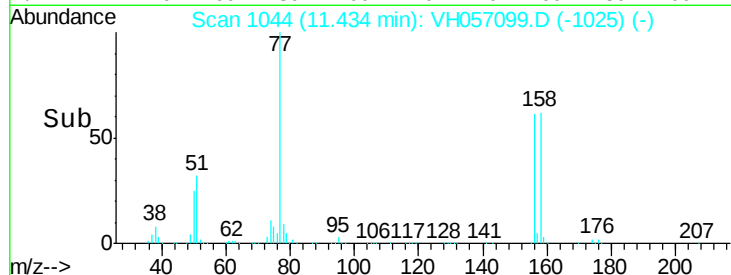
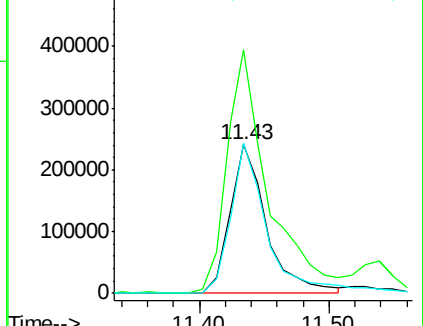
158 100.8 46.8 140.3



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VH0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 46.63 ug/l

RT: 11.54 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VH057099.D

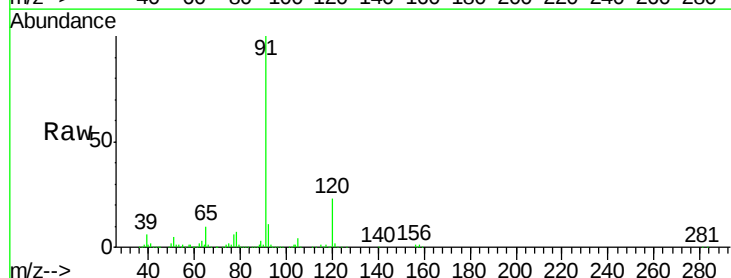
Acq: 21 Sep 2015 19:07

Tgt Ion: 91 Resp: 1620043

Ion Ratio Lower Upper

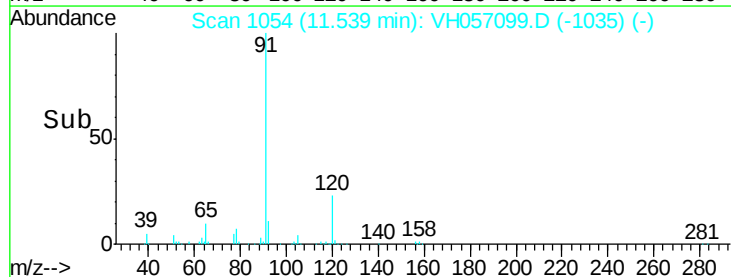
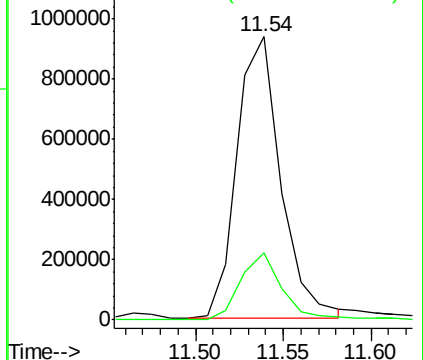
91 100

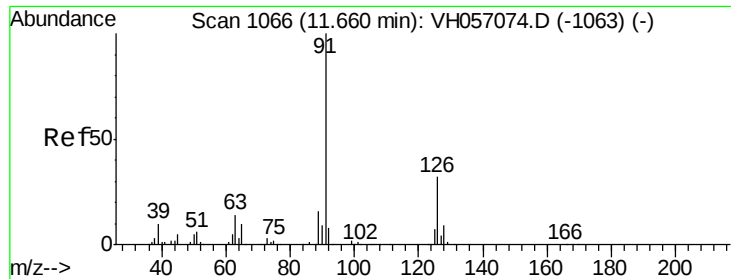
120 23.5 10.2 30.6



Abundance Ion 91.00 (90.70 to 91.70): VH0

Ion 120.00 (119.70 to 120.70): V

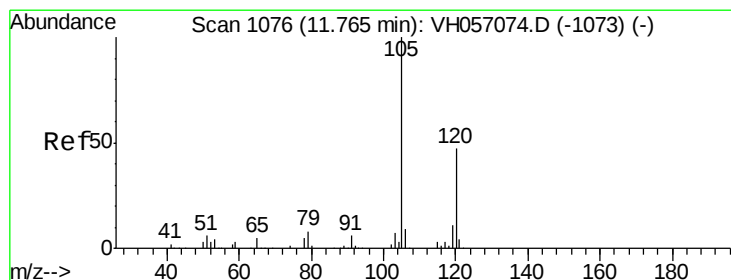
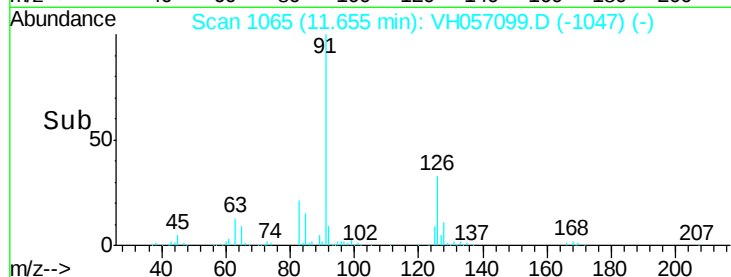
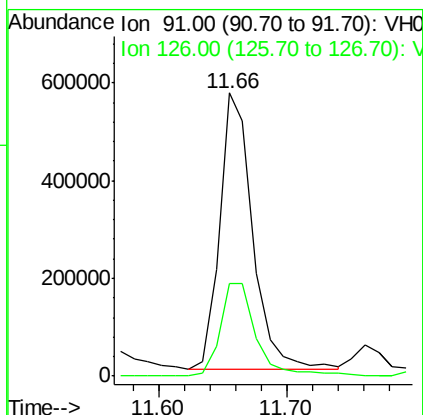
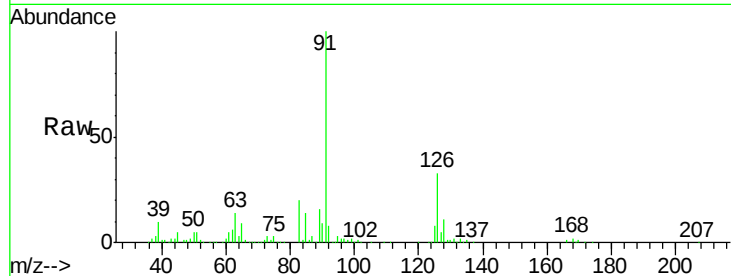




#79
 2-Chlorotoluene
 Concen: 48.64 ug/l
 RT: 11.66 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

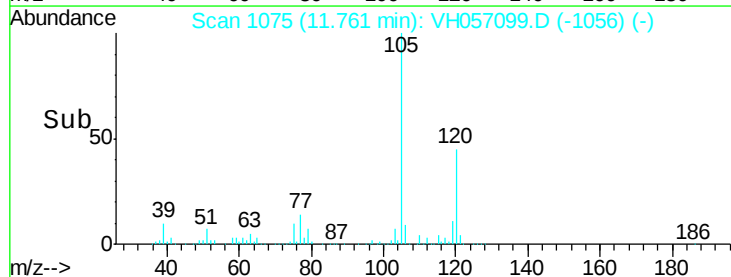
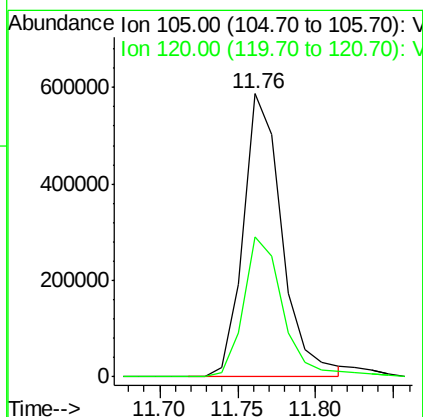
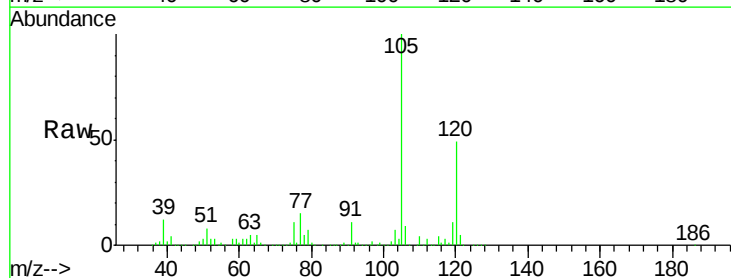
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050EC

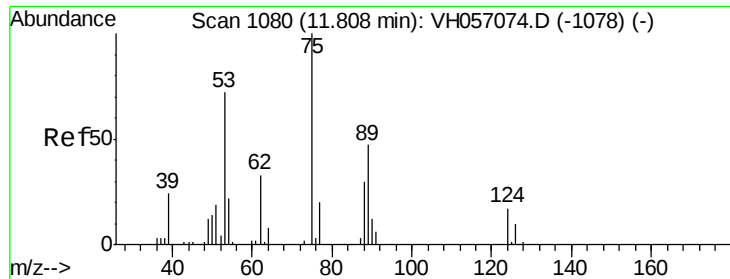
Tgt Ion: 91 Resp: 1019218
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 47.59 ug/l
 RT: 11.76 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

Tgt Ion: 105 Resp: 1010384
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.6 71.0





#81

trans-1,4-Dichloro-2-Butene

Concen: 48.30 ug/l

RT: 11.80 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050EC

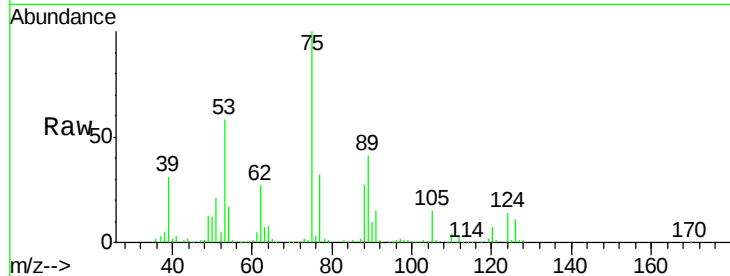
Tgt Ion: 75 Resp: 470461

Ion Ratio Lower Upper

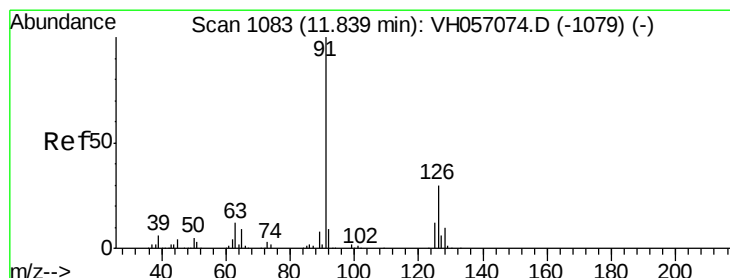
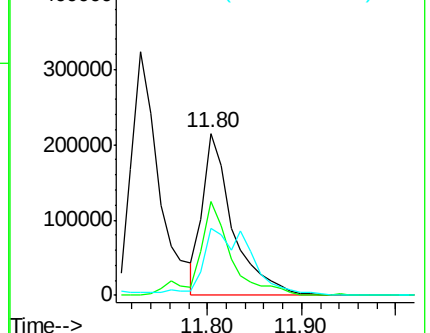
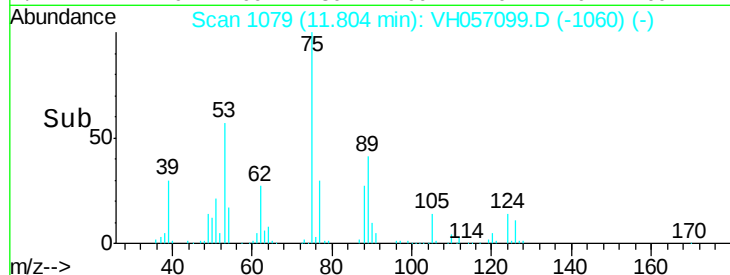
75 100

53 57.7 32.0 96.2

89 41.2 21.1 63.3



Abundance Ion 75.00 (74.70 to 75.70): VH057099.D (-1060) (-)



#82

4-Chlorotoluene

Concen: 47.56 ug/l

RT: 11.84 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VH057099.D

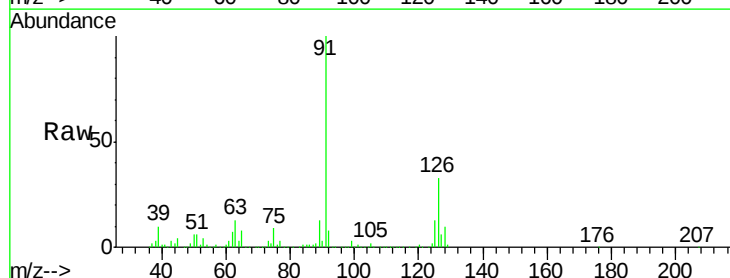
Acq: 21 Sep 2015 19:07

Tgt Ion: 91 Resp: 1204036

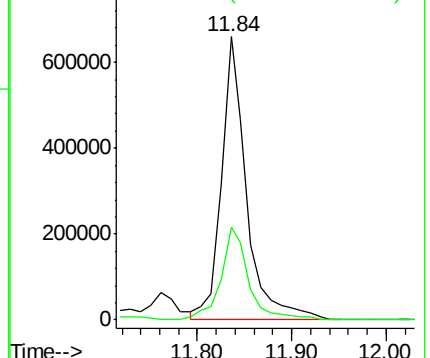
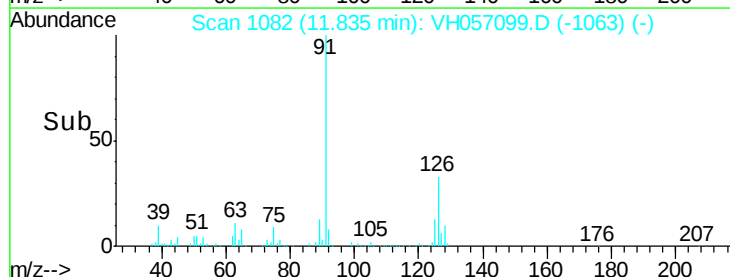
Ion Ratio Lower Upper

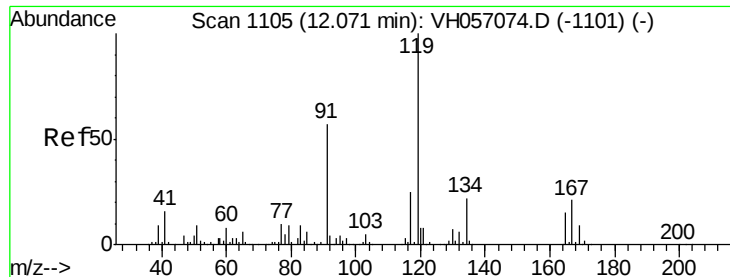
91 100

126 32.6 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VH057099.D (-1063) (-)

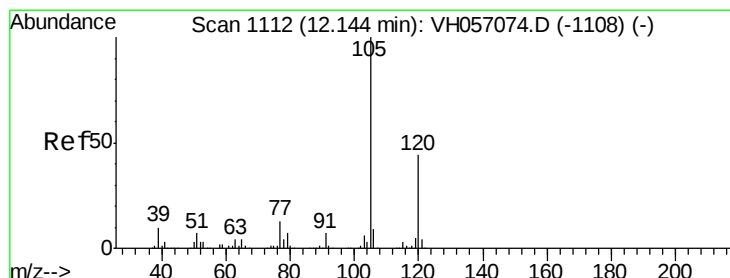
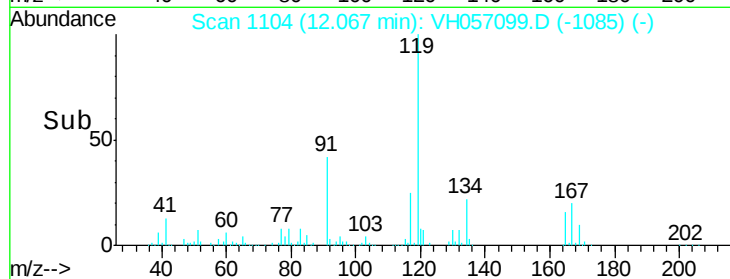
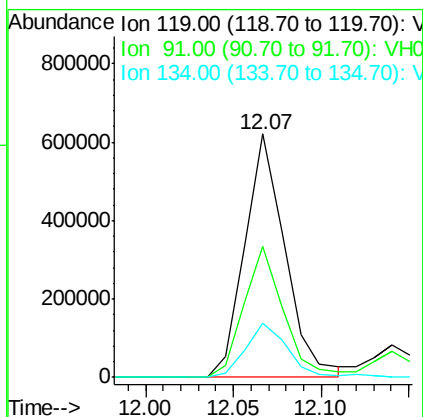
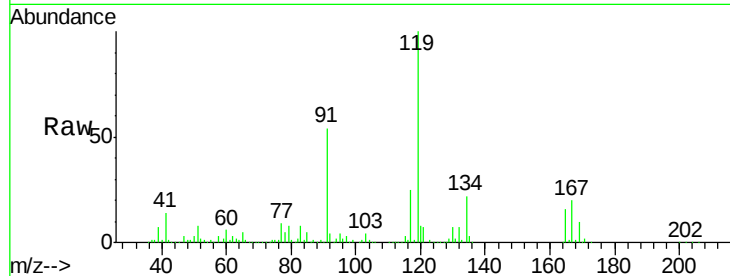




#83
 tert-Butylbenzene
 Concen: 49.65 ug/l
 RT: 12.07 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

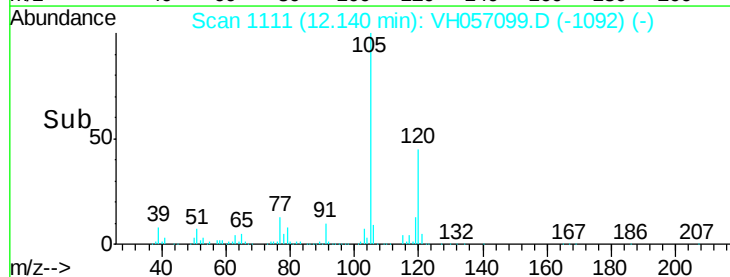
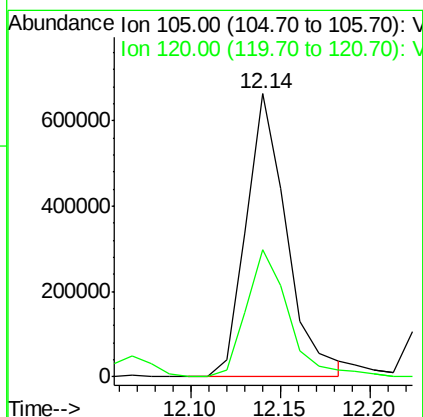
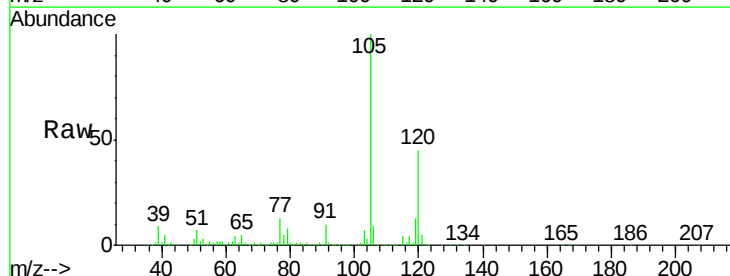
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050EC

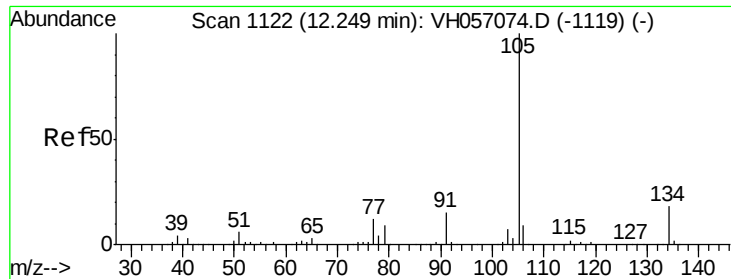
Tgt Ion:119 Resp: 995057
 Ion Ratio Lower Upper
 119 100
 91 53.6 28.5 85.6
 134 22.3 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.54 ug/l
 RT: 12.14 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

Tgt Ion:105 Resp: 1063582
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7

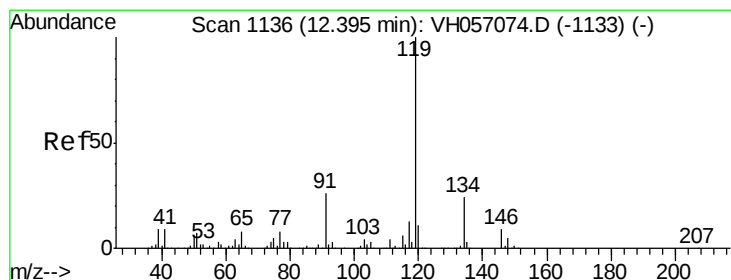
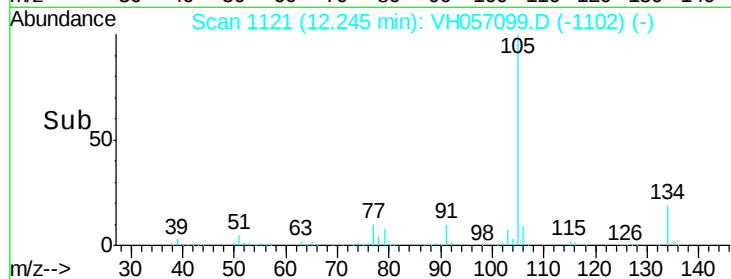
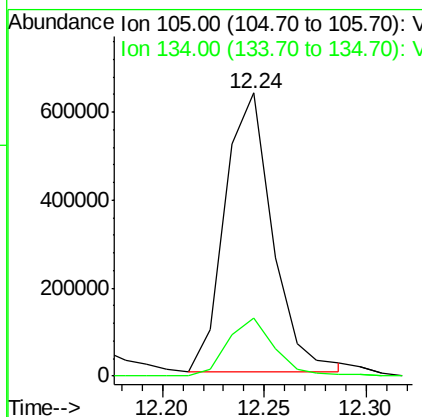
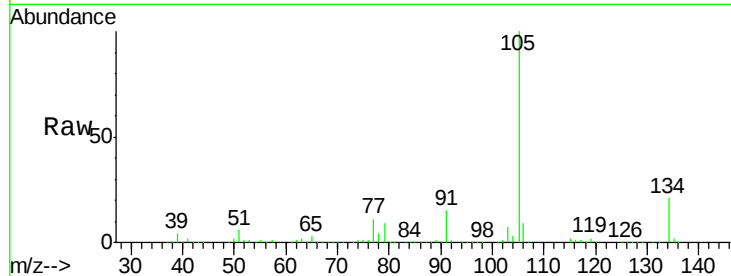




#85
 sec-Butylbenzene
 Concen: 47.36 ug/l
 RT: 12.24 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

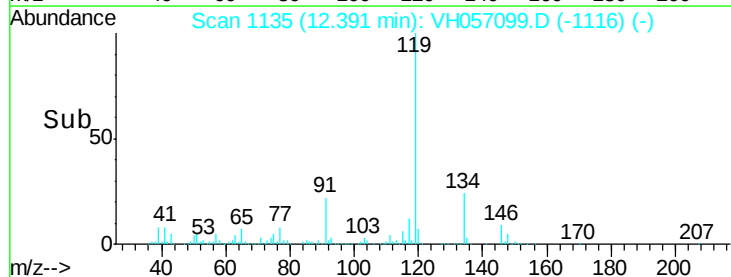
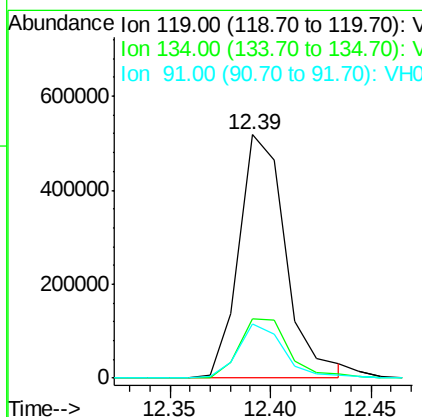
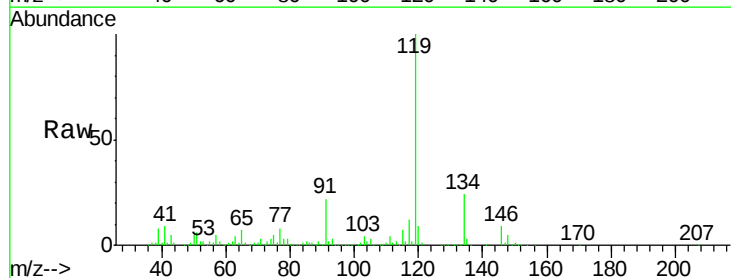
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050EC

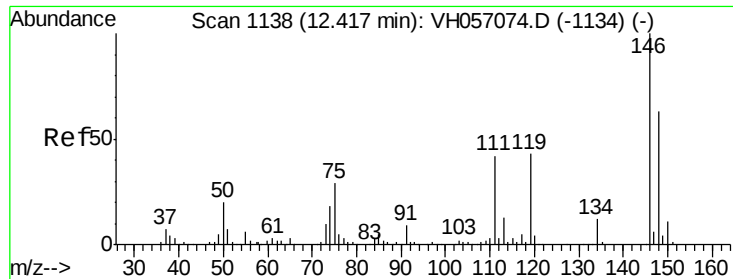
Tgt Ion:105 Resp: 1015137
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 51.46 ug/l
 RT: 12.39 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

Tgt Ion:119 Resp: 837522
 Ion Ratio Lower Upper
 119 100
 134 24.2 13.0 38.9
 91 22.3 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 50.63 ug/l

RT: 12.41 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050EC

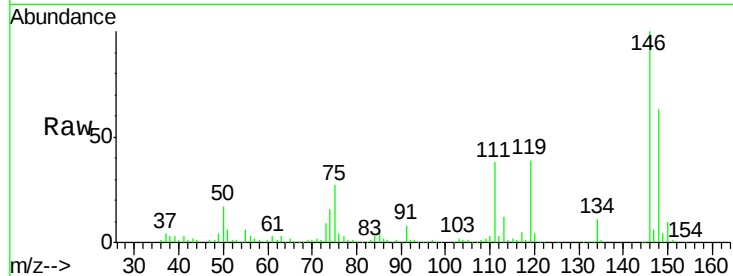
Tgt Ion:146 Resp: 558714

Ion Ratio Lower Upper

146 100

111 38.4 21.0 63.0

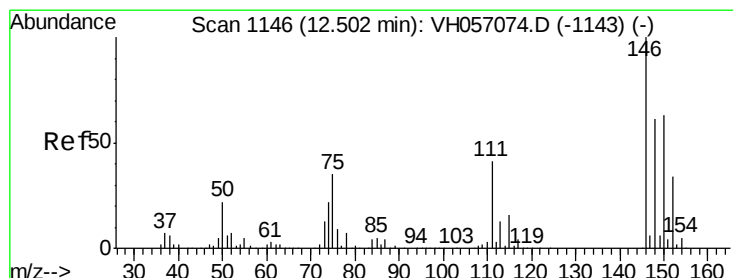
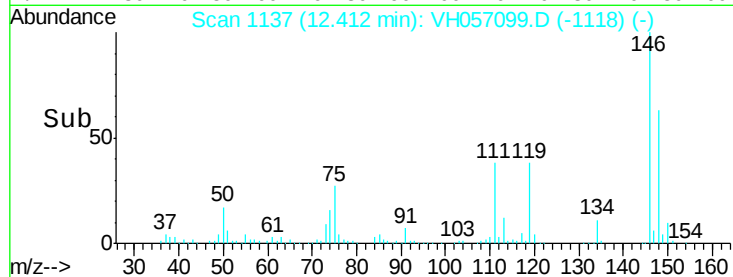
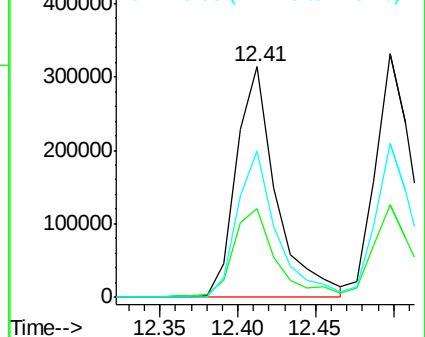
148 63.3 31.6 94.7



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



#88

1,4-Dichlorobenzene

Concen: 53.19 ug/l

RT: 12.50 min Scan# 1145

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

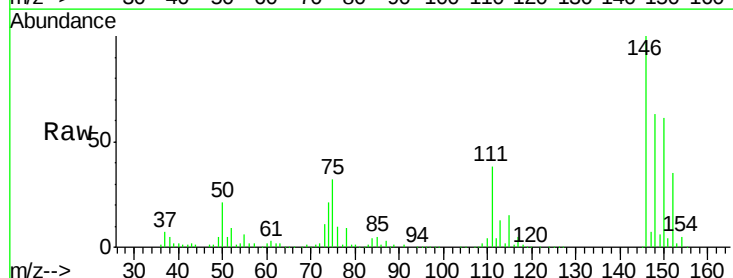
Tgt Ion:146 Resp: 607758

Ion Ratio Lower Upper

146 100

111 37.9 19.8 59.3

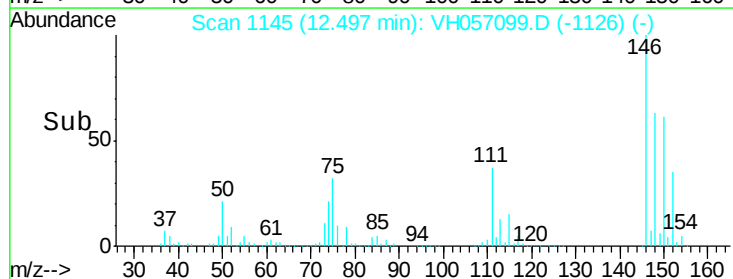
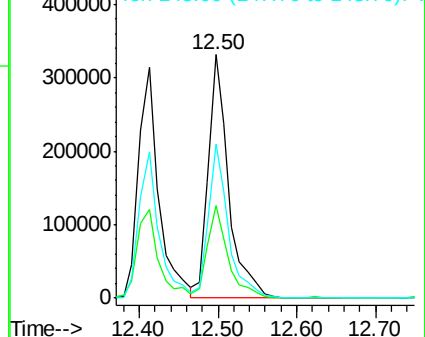
148 63.3 30.3 90.9

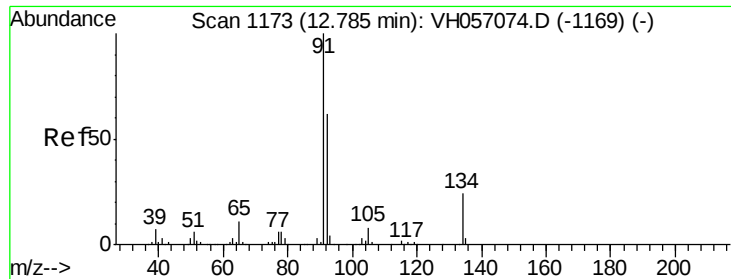


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

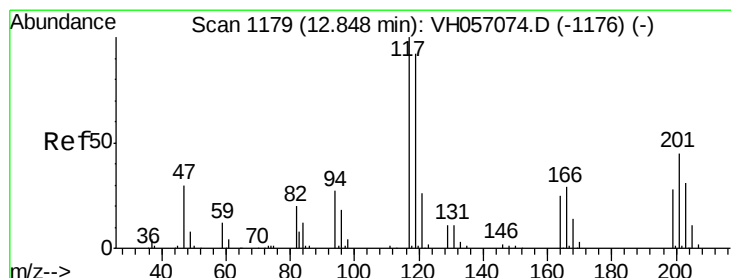
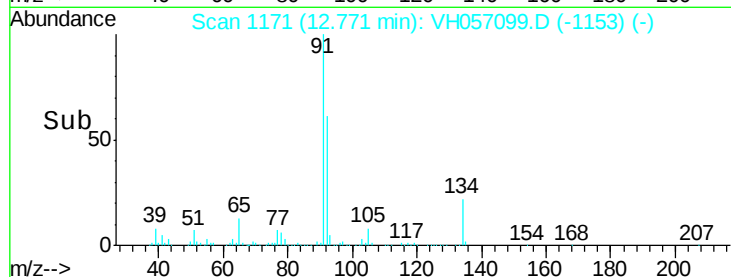
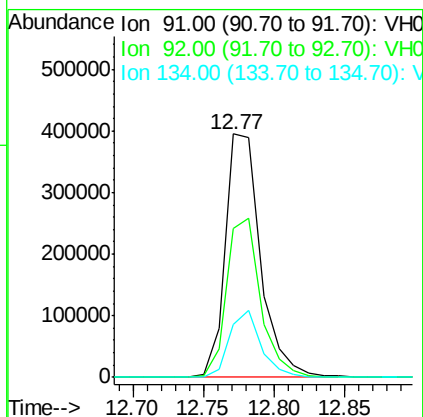
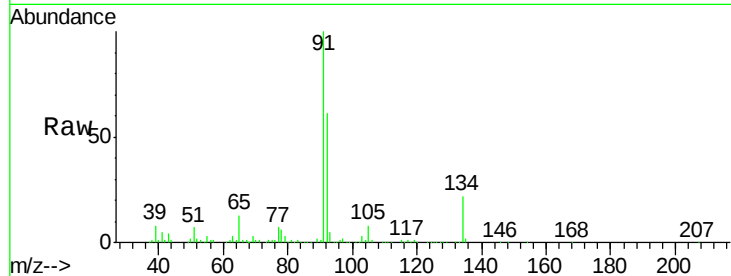




#89
n-Butylbenzene
Concen: 51.91 ug/l
RT: 12.77 min Scan# 1171
Delta R.T. -0.01 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

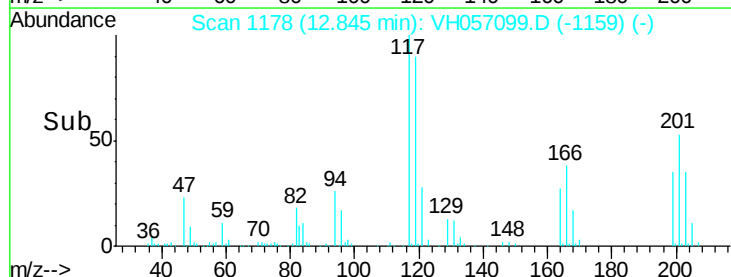
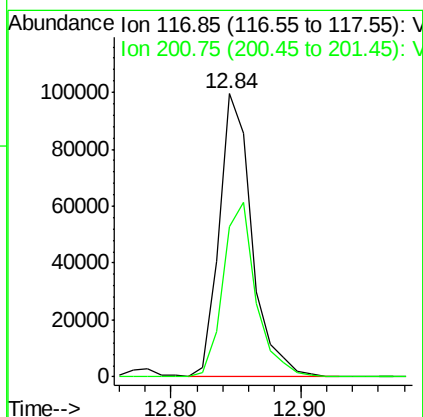
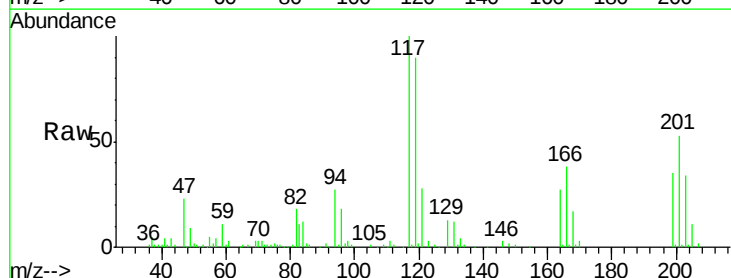
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050EC

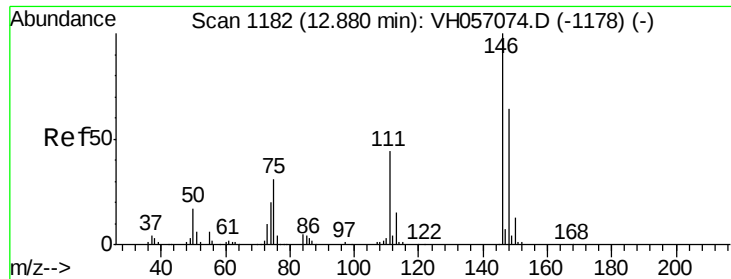
Tgt Ion: 91 Resp: 675324
Ion Ratio Lower Upper
91 100
92 60.9 31.3 93.9
134 21.6 10.5 31.6



#90
Hexachloroethane
Concen: 51.19 ug/l
RT: 12.84 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VH057099.D
Acq: 21 Sep 2015 19:07

Tgt Ion: 117 Resp: 176349
Ion Ratio Lower Upper
117 100
201 53.1 14.0 80.8





#91

1,2-Dichlorobenzene

Concen: 53.33 ug/l

RT: 12.88 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050EC

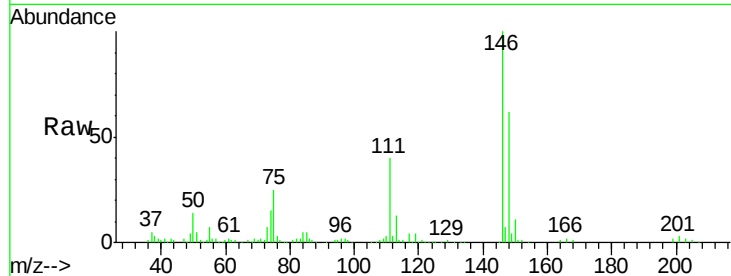
Tgt Ion:146 Resp: 530159

Ion Ratio Lower Upper

146 100

111 39.8 22.1 66.1

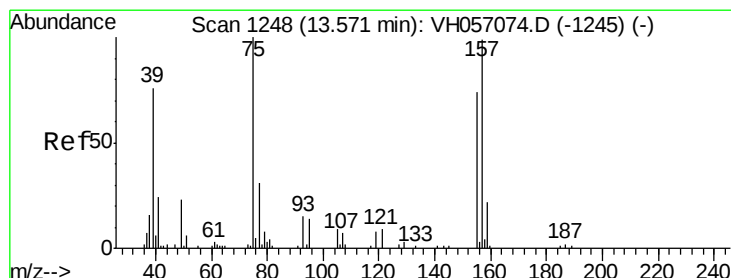
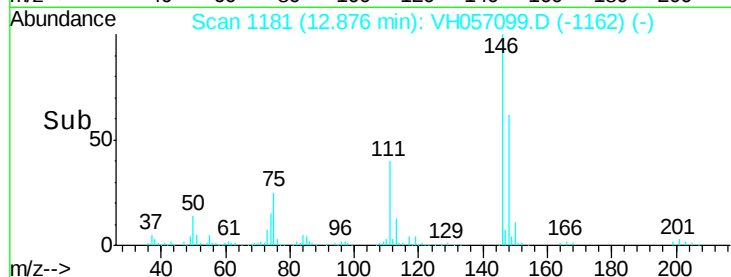
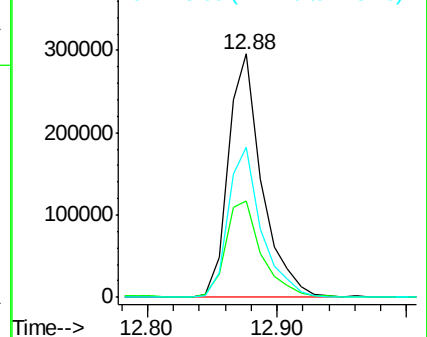
148 61.7 31.4 94.3



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: 50.82 ug/l

RT: 13.57 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

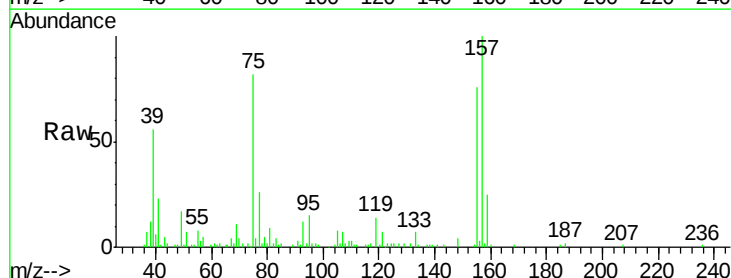
Tgt Ion: 75 Resp: 97070

Ion Ratio Lower Upper

75 100

155 92.2 43.4 130.2

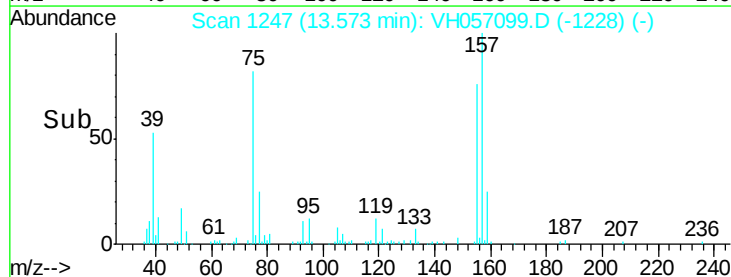
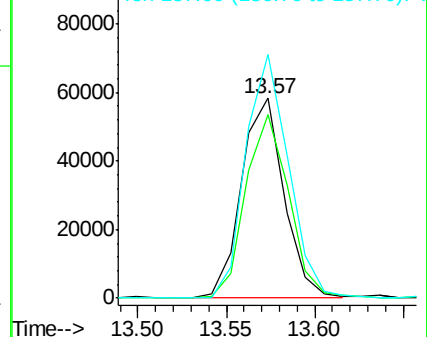
157 121.9 62.8 188.4

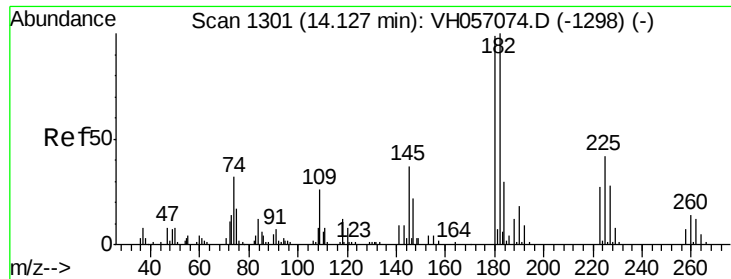


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

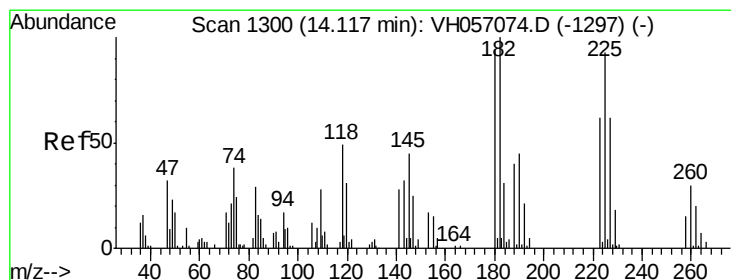
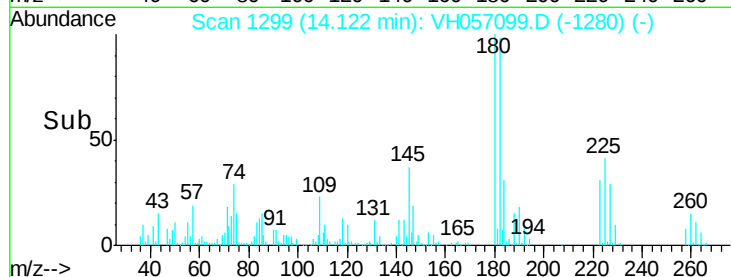
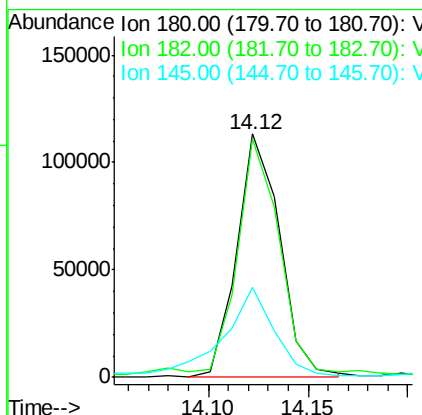
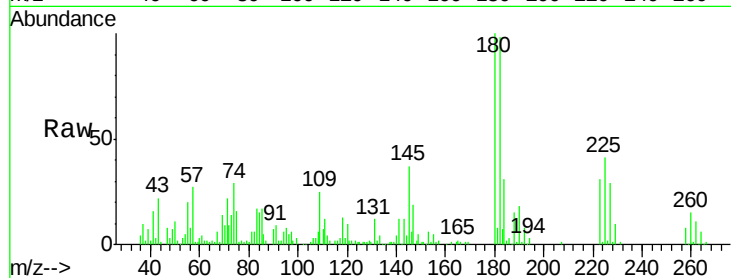




#93
 1,2,4-Trichlorobenzene
 Concen: 73.70 ug/l
 RT: 14.12 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

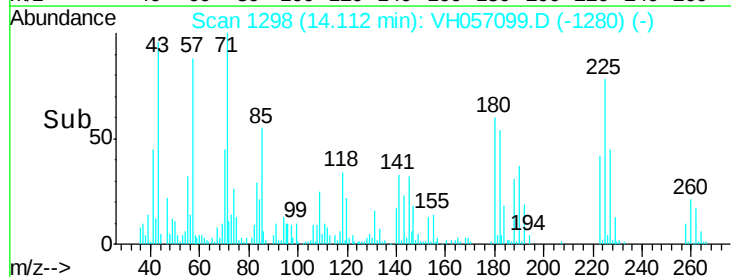
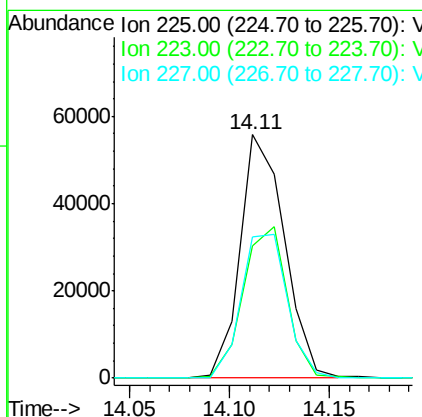
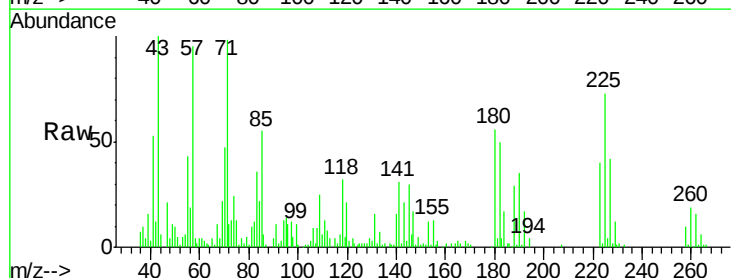
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050EC

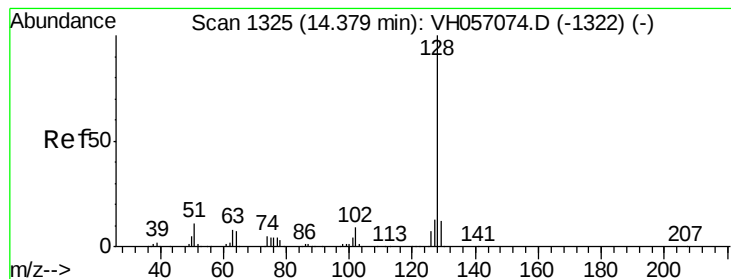
Tgt Ion:180 Resp: 168575
 Ion Ratio Lower Upper
 180 100
 182 98.1 43.0 129.2
 145 36.9 17.3 52.0



#94
 Hexachlorobutadiene
 Concen: 83.62 ug/l
 RT: 14.11 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: VH057099.D
 Acq: 21 Sep 2015 19:07

Tgt Ion:225 Resp: 86016
 Ion Ratio Lower Upper
 225 100
 223 54.2 30.3 90.8
 227 57.7 30.5 91.5





#95

Naphthalene

Concen: 69.56 ug/l

RT: 14.38 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050EC

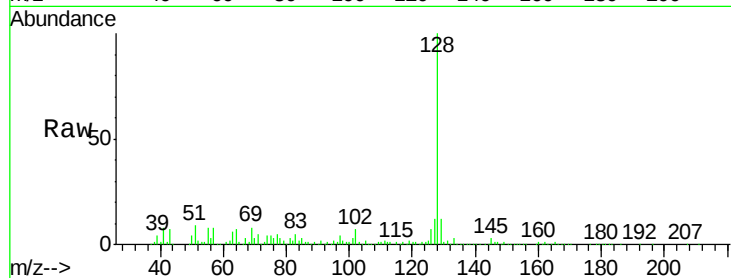
Tgt Ion:128 Resp: 647791

Ion Ratio Lower Upper

128 100

127 11.9 9.6 14.4

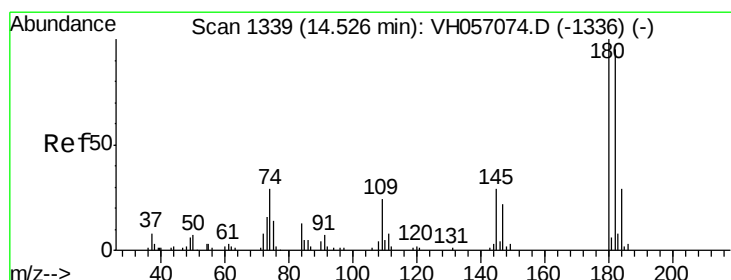
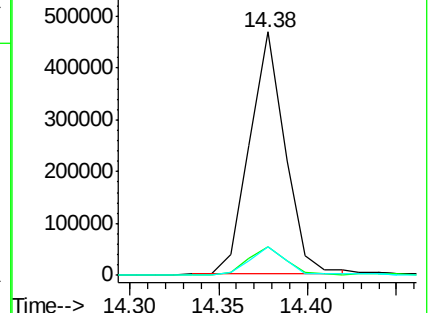
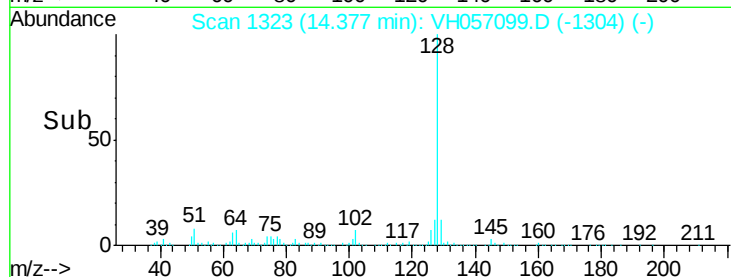
129 11.6 8.7 13.1



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: 82.97 ug/l

RT: 14.52 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VH057099.D

Acq: 21 Sep 2015 19:07

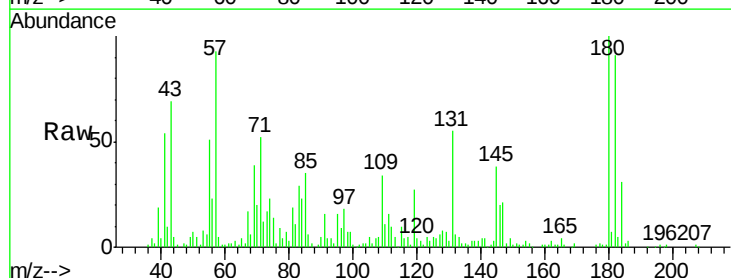
Tgt Ion:180 Resp: 132915

Ion Ratio Lower Upper

180 100

182 90.9 47.1 141.3

145 37.5 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

