

Data Path : W:\HPCHEM1\MSVOA_H\DATA\XH092115\
 Data File : VH057087.D
 Acq On : 21 Sep 2015 11:07
 Operator : SY/FY
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_H/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 22 04:36:07 2015
 Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:34:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.83	168	907876	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.54	114	1606585	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.71	117	1271692	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.48	152	384162	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		4.79	65	714879	44.09	ug/l	-0.02
Spiked Amount	50.000	Range	66 - 150	Recovery	=	88.18%	
35) Dibromofluoromethane		4.06	113	632348	49.43	ug/l	-0.03
Spiked Amount	50.000	Range	76 - 130	Recovery	=	98.86%	
48) Toluene-d8		7.50	98	1769024	48.10	ug/l	-0.02
Spiked Amount	50.000	Range	78 - 121	Recovery	=	96.20%	
62) 4-Bromofluorobenzene		11.35	95	608238	49.04	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	98.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.93	85	574490	50.00	ug/l	100
3) Chloromethane	1.03	50	638535	44.20	ug/l	92
4) Vinyl Chloride	1.08	62	543297	45.50	ug/l	100
5) Bromomethane	1.26	94	243841	46.19	ug/l	98
6) Chloroethane	1.34	64	251968	52.02	ug/l	99
7) Trichlorofluoromethane	1.40	101	202560	18.14	ug/l	88
8) Tert butyl alcohol	2.54	59	685967	235.66	ug/l	100
9) Diethyl Ether	1.60	74	291926	52.87	ug/l	71
10) Diisopropyl ether	2.76	45	1811697	44.76	ug/l	99
11) 1,1-Dichloroethene	1.75	96	432889	51.69	ug/l	90
12) Methyl Iodide	1.85	142	524404	35.53	ug/l	93
13) Acrolein	1.97	56	487553	280.09	ug/l	97
14) 1,1,2-Trichlorotrifluoroet	1.79	101	422296	51.76	ug/l	96
15) Acrylonitrile	2.89	53	1272056	239.62	ug/l	95
16) Allyl Chloride	2.06	41	822292	47.63	ug/l	92
17) Acetone	2.20	43	1617753	240.75	ug/l	98
18) Carbon Disulfide	1.77	76	1253476	50.75	ug/l	97
19) Methyl Acetate	2.30	43	2000402	47.41	ug/l	99
20) Methyl tert-butyl Ether	2.39	73	1733619	51.70	ug/l	97
21) Methylene Chloride	2.19	84	168049	18.34	ug/l	83
22) trans-1,2-Dichloroethene	2.27	96	472230	51.29	ug/l	96
23) Vinyl Acetate	3.14	43	4558142	237.96	ug/l	98
24) 1,1-Dichloroethane	2.82	63	925599	46.44	ug/l	99
25) 2-Butanone	4.28	43	3561983	236.51	ug/l	95
26) 2,2-Dichloropropane	3.55	77	613483	49.03	ug/l	96
27) cis-1,2-Dichloroethene	3.42	96	651455	50.66	ug/l	99
28) Bromochloromethane	3.66	128	217410	50.61	ug/l	84
29) Chloroform	3.80	83	1172277	49.76	ug/l	97
30) Cyclohexane	3.65	56	748858	46.90	ug/l	92
31) Tetrahydrofuran	4.02	42	1921191	227.27	ug/l	90
32) 1,1,1-Trichloroethane	4.05	97	846814	49.93	ug/l	93
36) 1,1-Dichloropropene	4.24	75	872810	49.45	ug/l	91
37) Ethyl acetate	4.06	43	1619637	48.87	ug/l	# 55
38) Carbon Tetrachloride	3.94	117	723995	52.68	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.58	78	2142065	50.96	ug/l	98
40) Methacrylonitrile	4.69	41	718560	48.99	ug/l	93
41) 1,2-Dichloroethane	4.89	62	907105	48.89	ug/l	98
42) Isopropyl Acetate	5.44	43	2063127	47.68	ug/l	# 95
43) Trichloroethene	5.46	130	584625	54.73	ug/l	94
44) Methylcyclohexane	5.41	83	549420	54.00	ug/l	94
45) 1,2-Dichloropropane	6.18	63	651421	48.88	ug/l	100
46) Dibromomethane	6.03	93	436544	50.37	ug/l	95
47) Bromodichloromethane	6.34	83	914187	51.50	ug/l	100
49) 4-Methyl-2-Pentanone	8.20	43	6113610	233.25	ug/l	98
50) Toluene	7.57	92	1369366	50.88	ug/l	99
51) t-1,3-Dichloropropene	8.22	75	1053710	51.77	ug/l	100
52) Methyl Methacrylate	6.67	69	692184	52.48	ug/l	97
53) 1,4-Dioxane	6.65	88	151262	977.89	ug/l	96
54) cis-1,3-Dichloropropene	7.24	75	1103922	51.08	ug/l	95
55) 1,1,2-Trichloroethane	8.42	97	580242	50.78	ug/l	97
56) Ethyl Methacrylate	8.56	69	1185550	52.54	ug/l	96
57) 1,3-Dichloropropane	8.78	76	1160236	49.93	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.24	63	2974146	266.57	ug/l	# 91
59) 2-Hexanone	9.42	43	4578456	223.56	ug/l	99
60) Dibromochloromethane	8.65	129	675056	52.11	ug/l	98
61) 1,2-Dibromoethane	8.92	107	710452	54.04	ug/l	97
64) Tetrachloroethene	8.10	164	406069	56.35	ug/l	98
65) Chlorobenzene	9.73	112	1440834	52.07	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.86	131	497876	52.14	ug/l	98
67) Ethyl Benzene	9.84	106	706057	53.31	ug/l	97
68) m/p-Xylenes	10.07	106	1683173	104.47	ug/l	92
69) o-Xylene	10.65	106	811647	52.46	ug/l	88
70) Styrene	10.72	104	1451519	53.72	ug/l	98
71) Bromoform	10.71	173	469581	57.48	ug/l	98
73) Isopropylbenzene	11.07	105	1713896	48.85	ug/l	98
74) n-Amyl Acetate	11.31	43	1723609	46.23	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.64	83	856698	46.58	ug/l	95
76) 1,2,3-Trichloropropane	11.73	75	674135	46.71	ug/l	96
77) Bromobenzene	11.44	156	534115	53.49	ug/l	97
78) n-propylbenzene	11.53	91	1889913	50.38	ug/l	100
79) 2-Chlorotoluene	11.66	91	1087280	48.05	ug/l	97
80) 1,3,5-Trimethylbenzene	11.76	105	1110799	48.45	ug/l	98
81) trans-1,4-Dichloro-2-Buten	11.81	75	539108	51.26	ug/l	95
82) 4-Chlorotoluene	11.84	91	1367916	50.05	ug/l	99
83) tert-Butylbenzene	12.07	119	1055089	48.75	ug/l	95
84) 1,2,4-Trimethylbenzene	12.14	105	1176640	49.73	ug/l	99
85) sec-Butylbenzene	12.24	105	1174636	50.75	ug/l	100
86) p-Isopropyltoluene	12.40	119	944190	53.73	ug/l	95
87) 1,3-Dichlorobenzene	12.41	146	620832	52.11	ug/l	100
88) 1,4-Dichlorobenzene	12.50	146	647849	52.51	ug/l	96
89) n-Butylbenzene	12.77	91	750191	53.40	ug/l	97
90) Hexachloroethane	12.85	117	183442	49.31	ug/l	90
91) 1,2-Dichlorobenzene	12.88	146	536637	49.99	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.57	75	94352	45.74	ug/l	90

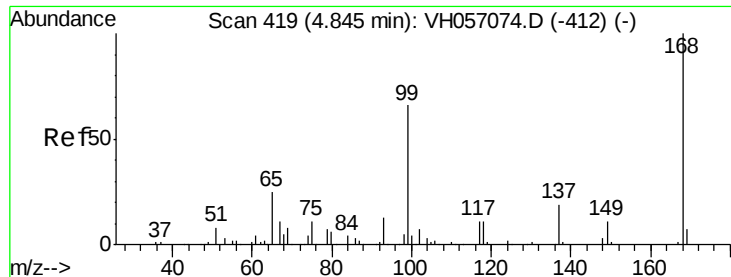
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.13	180	118966	49.47	ug/l	89
94) Hexachlorobutadiene	14.12	225	60106	54.12	ug/l	89
95) Naphthalene	14.38	128	439836	45.54	ug/l	98
96) 1,2,3-Trichlorobenzene	14.52	180	83312	50.60	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.83 min Scan# 417

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

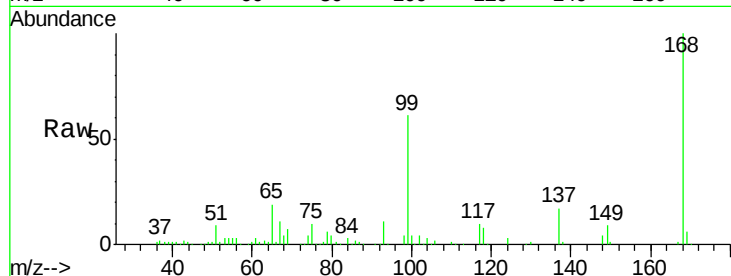
VSTDCCC050

Tgt Ion:168 Resp: 907876

Ion Ratio Lower Upper

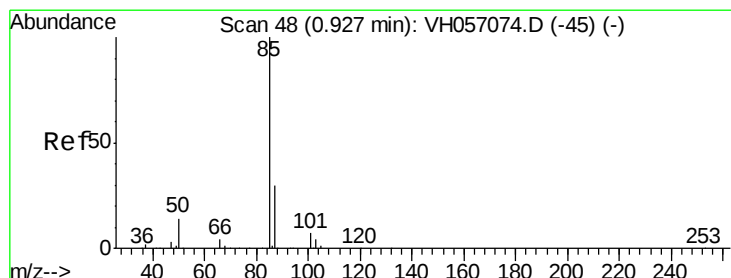
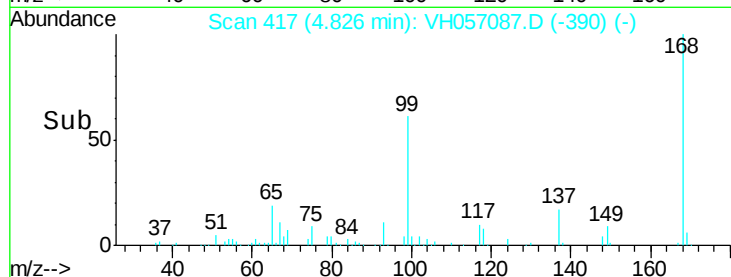
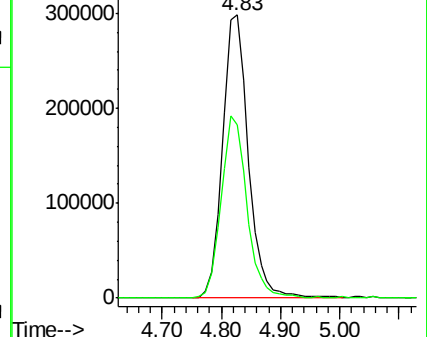
168 100

99 61.1 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: 50.00 ug/l

RT: 0.93 min Scan# 48

Delta R.T. 0.00 min

Lab File: VH057087.D

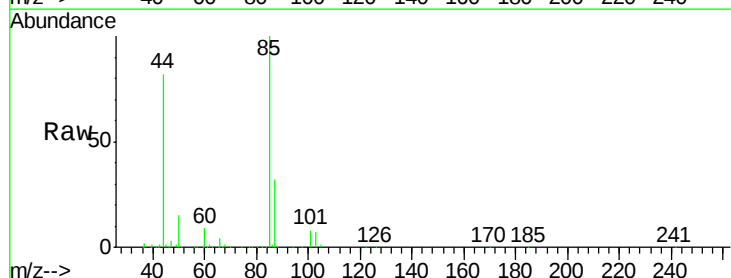
Acq: 21 Sep 2015 11:07

Tgt Ion: 85 Resp: 574490

Ion Ratio Lower Upper

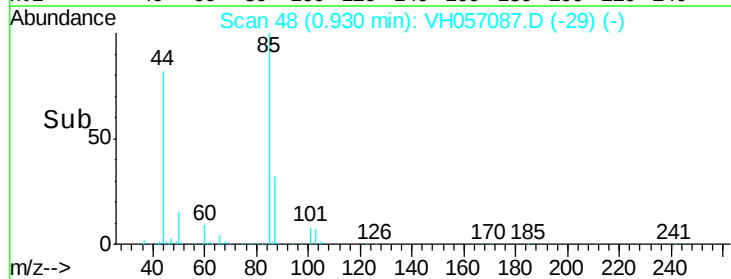
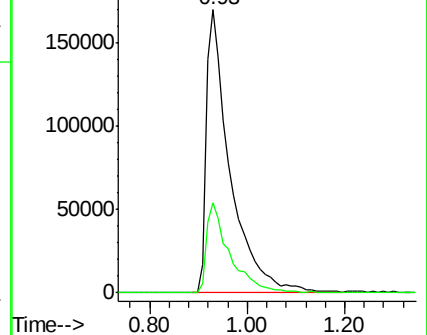
85 100

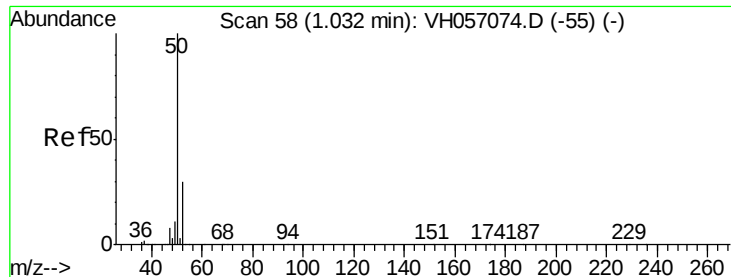
87 31.7 16.0 47.9



Abundance Ion 85.00 (84.70 to 85.70): VHC

Ion 87.00 (86.70 to 87.70): VHC





#3

Chloromethane

Concen: 44.20 ug/l

RT: 1.03 min Scan# 57

Delta R.T. -0.01 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

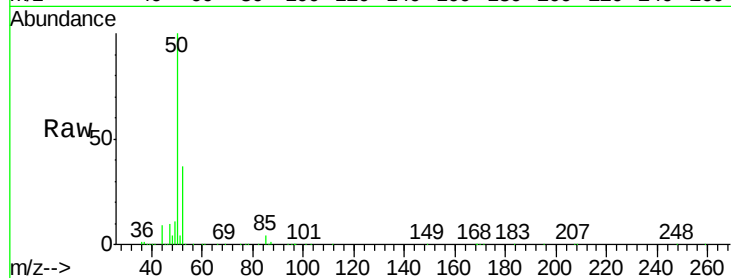
VSTDCCC050

Tgt Ion: 50 Resp: 638535

Ion Ratio Lower Upper

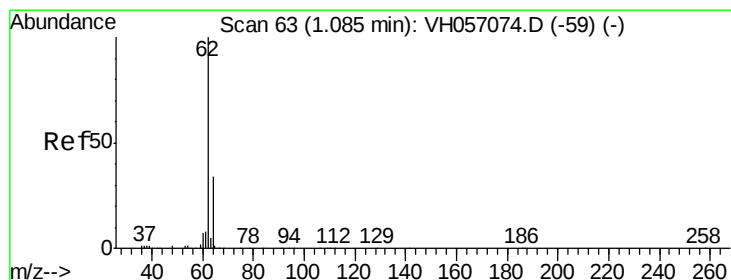
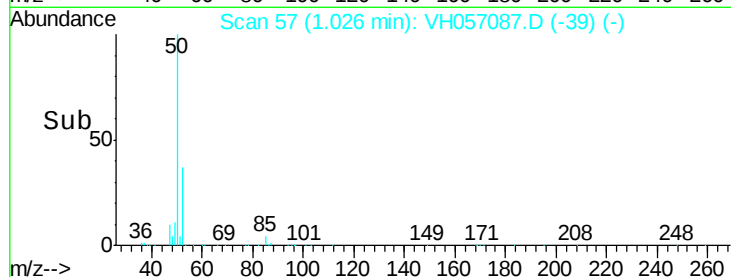
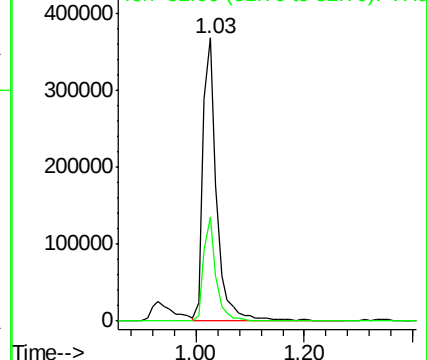
50 100

52 36.6 25.8 38.8



Abundance Ion 50.00 (49.70 to 50.70): VH0

Ion 52.00 (51.70 to 52.70): VH0



#4

Vinyl Chloride

Concen: 45.50 ug/l

RT: 1.08 min Scan# 62

Delta R.T. -0.01 min

Lab File: VH057087.D

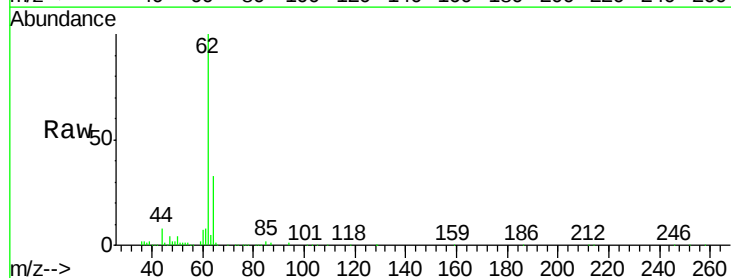
Acq: 21 Sep 2015 11:07

Tgt Ion: 62 Resp: 543297

Ion Ratio Lower Upper

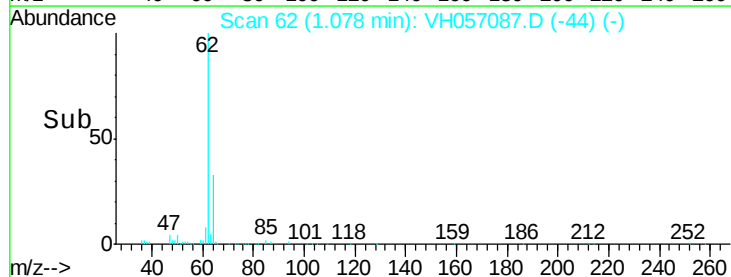
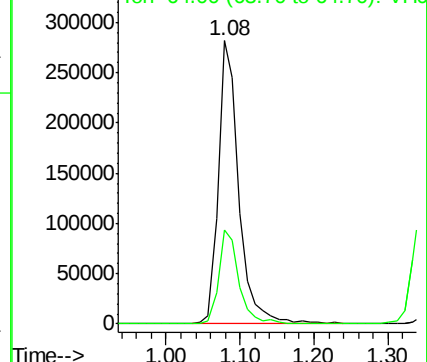
62 100

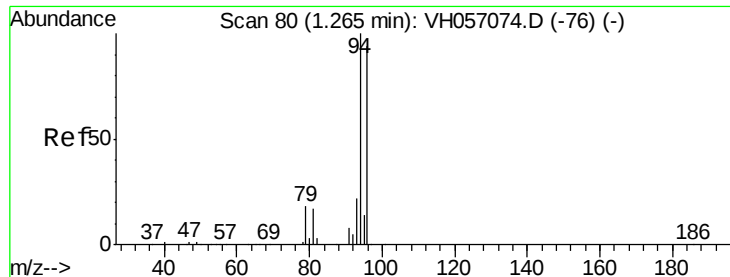
64 33.1 26.6 40.0



Abundance Ion 62.00 (61.70 to 62.70): VH0

Ion 64.00 (63.70 to 64.70): VH0





#5

Bromomethane

Concen: 46.19 ug/l

RT: 1.26 min Scan# 79

Delta R.T. -0.01 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

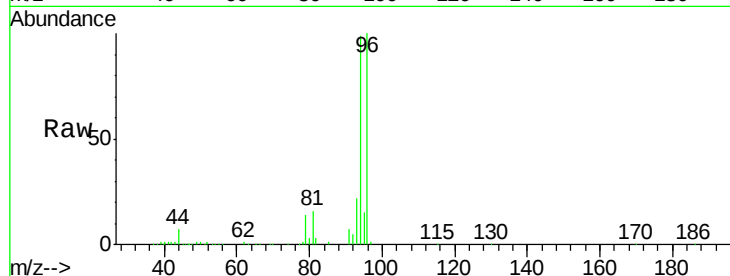
VSTDCCC050

Tgt Ion: 94 Resp: 243841

Ion Ratio Lower Upper

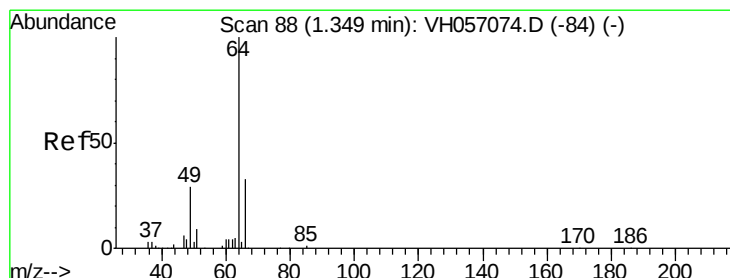
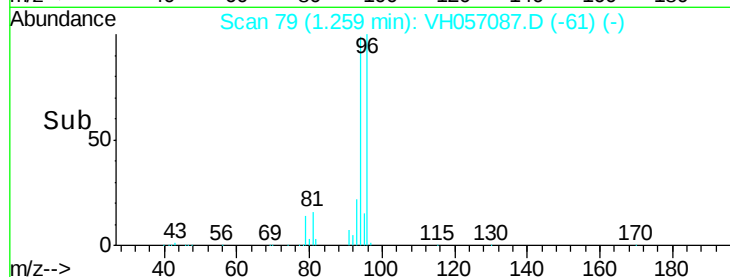
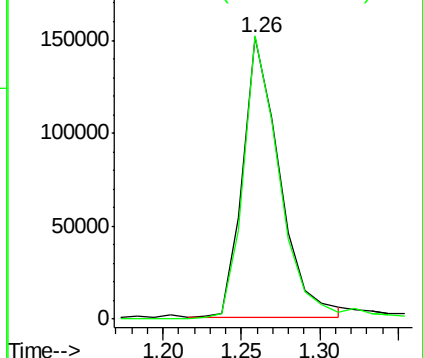
94 100

96 100.5 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: 52.02 ug/l

RT: 1.34 min Scan# 87

Delta R.T. -0.00 min

Lab File: VH057087.D

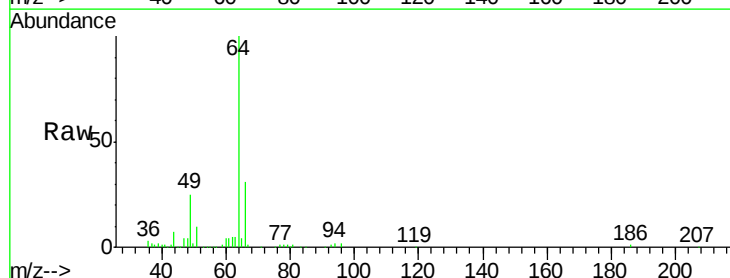
Acq: 21 Sep 2015 11:07

Tgt Ion: 64 Resp: 251968

Ion Ratio Lower Upper

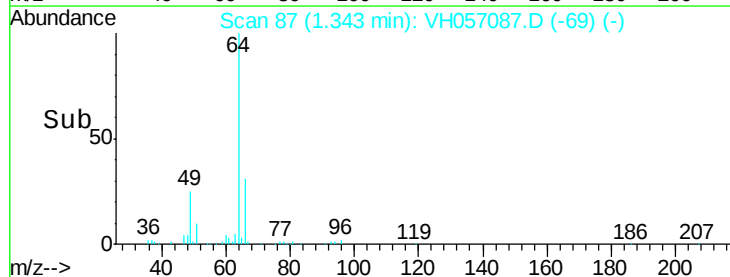
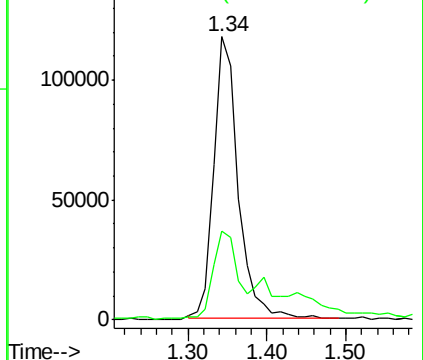
64 100

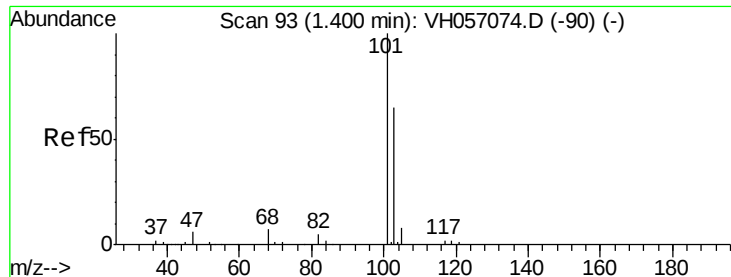
66 31.2 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VH0

Ion 66.00 (65.70 to 66.70): VH0



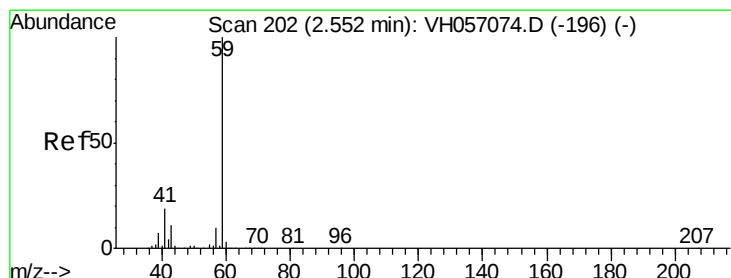
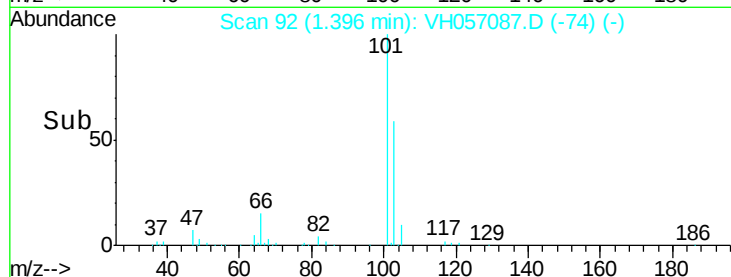
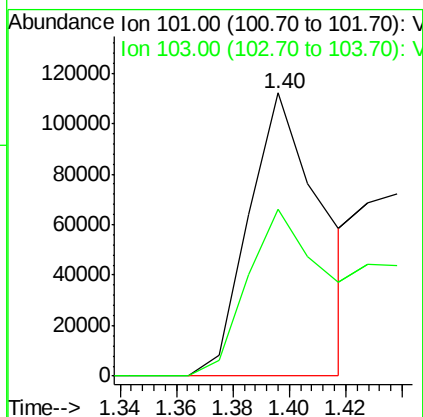
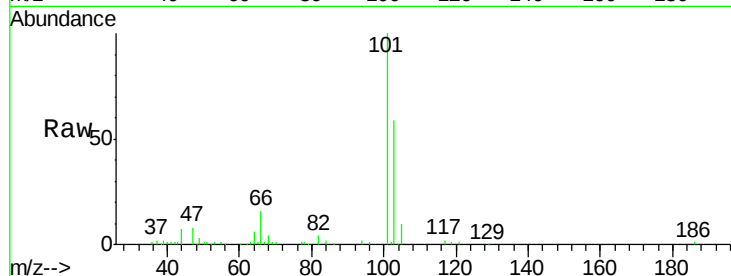


#7

Trichlorofluoromethane
 Concen: 18.14 ug/l
 RT: 1.40 min Scan# 92
 Delta R.T. -0.00 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

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 VSTDCCC050

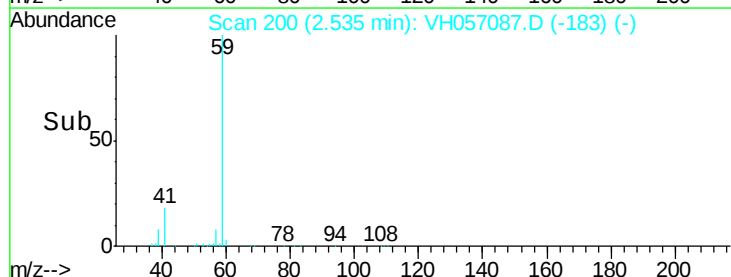
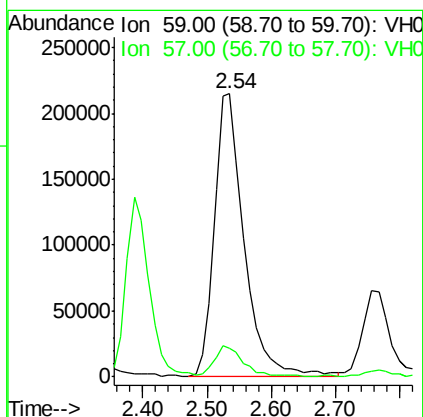
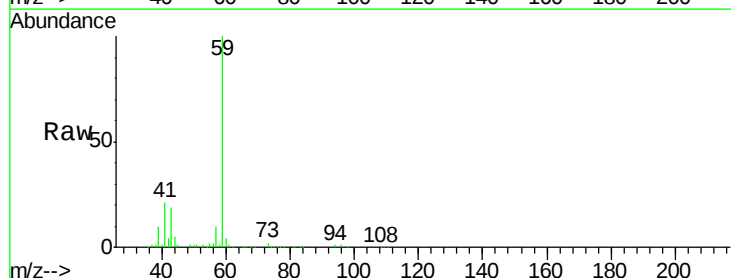
Tgt Ion: 101 Resp: 202560
 Ion Ratio Lower Upper
 101 100
 103 59.1 54.9 82.3

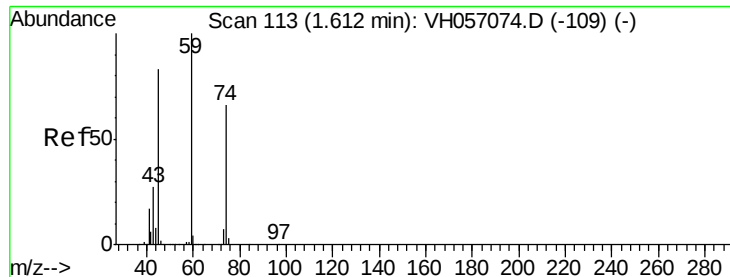


#8

Tert butyl alcohol
 Concen: 235.66 ug/l
 RT: 2.54 min Scan# 200
 Delta R.T. -0.02 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

Tgt Ion: 59 Resp: 685967
 Ion Ratio Lower Upper
 59 100
 57 10.1 9.0 11.0





#9

Diethyl Ether

Concen: 52.87 ug/l

RT: 1.60 min Scan# 111

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

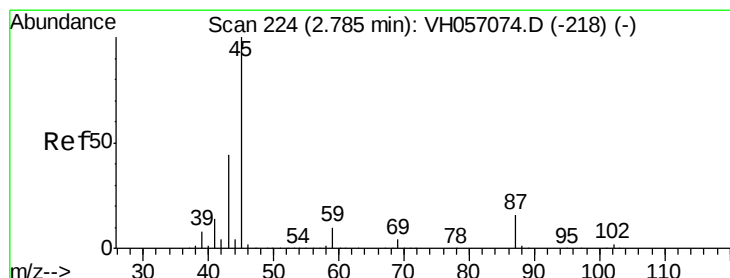
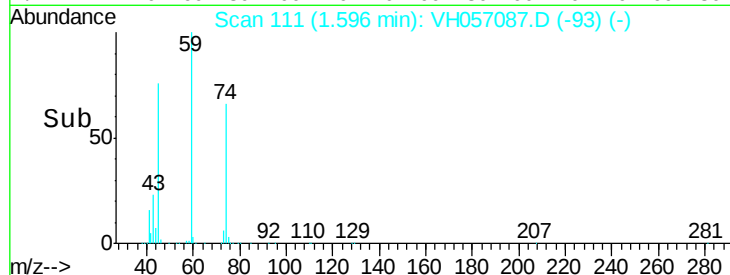
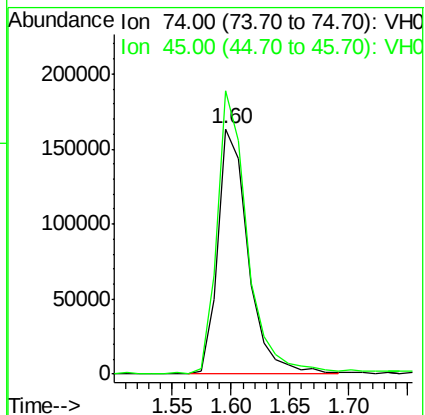
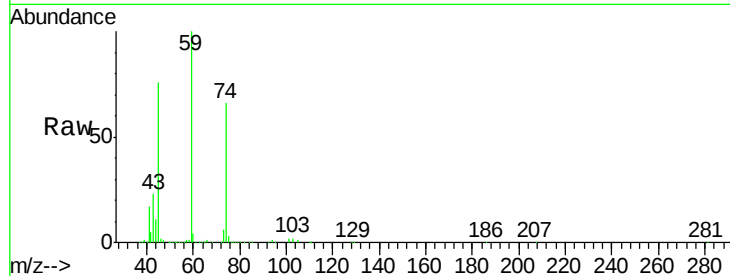
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion: 74 Resp: 291926

Ion Ratio Lower Upper

74 100

45 115.4 0.0 304.4



#10

Diisopropyl ether

Concen: 44.76 ug/l

RT: 2.76 min Scan# 221

Delta R.T. -0.03 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Tgt Ion: 45 Resp: 1811697

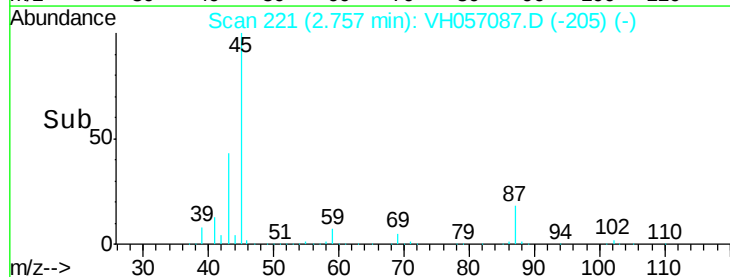
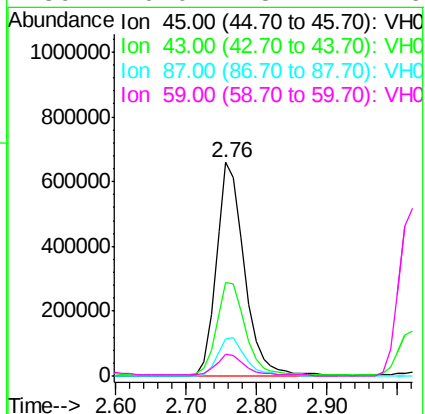
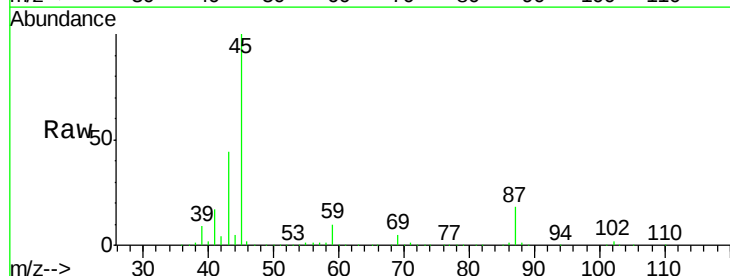
Ion Ratio Lower Upper

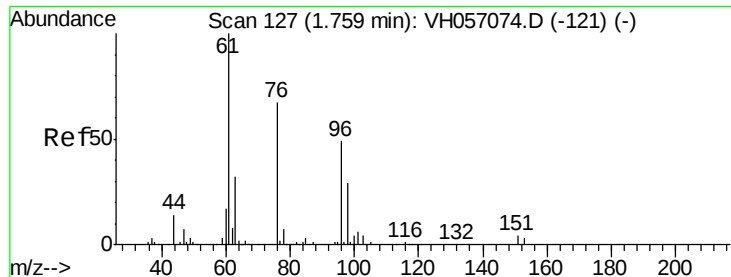
45 100

43 43.5 34.6 52.0

87 17.7 12.6 19.0

59 10.0 8.4 12.6





#11

1,1-Dichloroethene

Concen: 51.69 ug/l

RT: 1.75 min Scan# 126

Delta R.T. -0.00 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

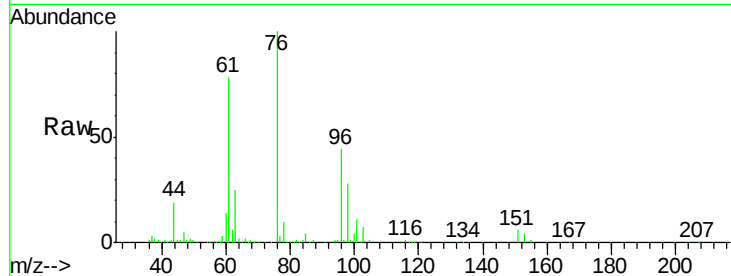
Tgt Ion: 96 Resp: 432889

Ion Ratio Lower Upper

96 100

61 178.6 158.4 237.6

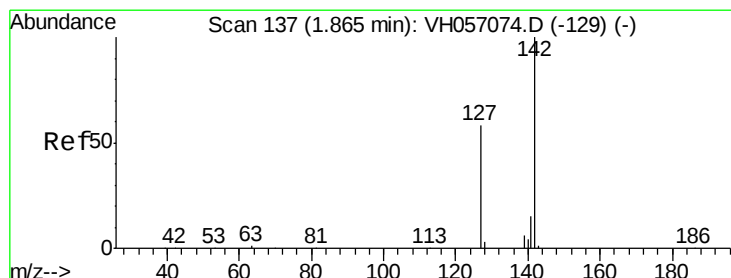
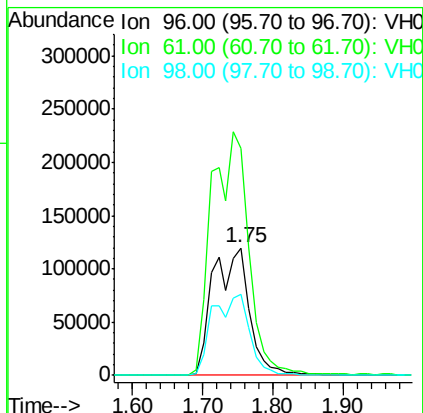
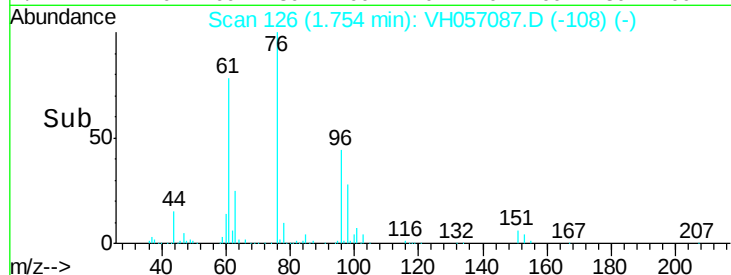
98 63.4 50.6 75.8



Abundance Ion 96.00 (95.70 to 96.70): VH057087.D (-108) (-)

Ion 61.00 (60.70 to 61.70): VH057087.D (-108) (-)

Ion 98.00 (97.70 to 98.70): VH057087.D (-108) (-)



#12

Methyl Iodide

Concen: 35.53 ug/l

RT: 1.85 min Scan# 135

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

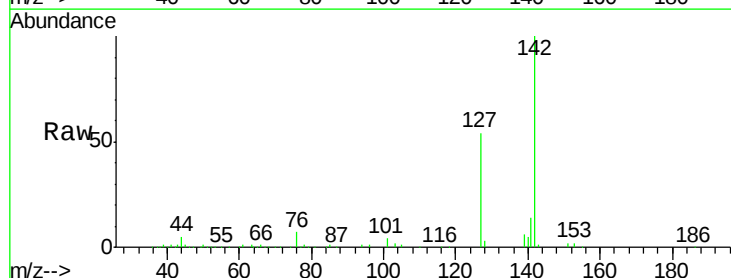
Tgt Ion: 142 Resp: 524404

Ion Ratio Lower Upper

142 100

127 53.8 30.0 90.1

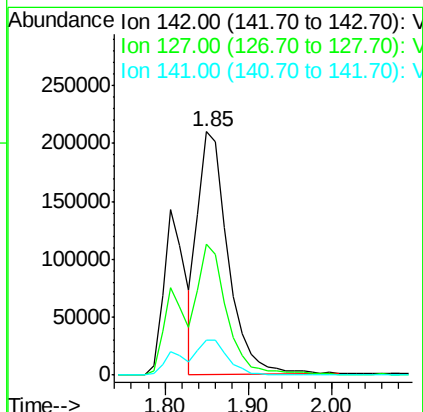
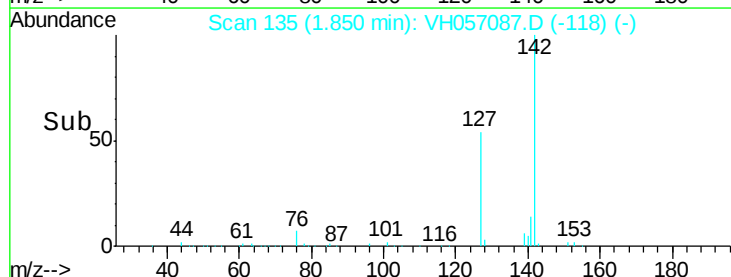
141 14.4 7.1 21.4

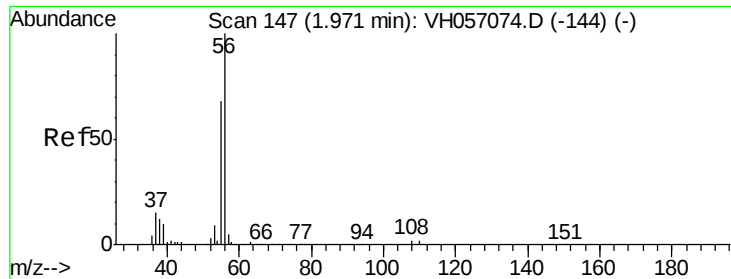


Abundance Ion 142.00 (141.70 to 142.70): VH057087.D (-118) (-)

Ion 127.00 (126.70 to 127.70): VH057087.D (-118) (-)

Ion 141.00 (140.70 to 141.70): VH057087.D (-118) (-)





#13

Acrolein

Concen: 280.09 ug/l

RT: 1.97 min Scan# 146

Delta R.T. -0.00 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

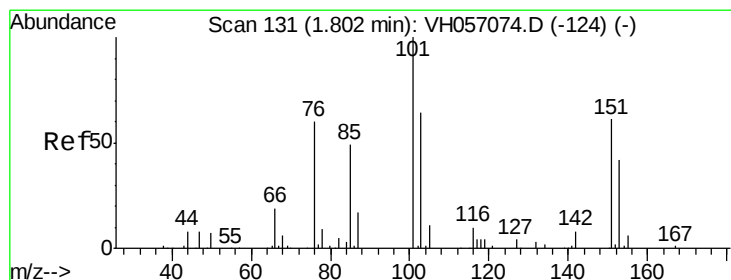
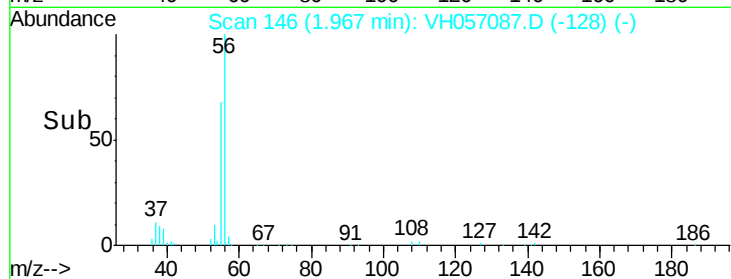
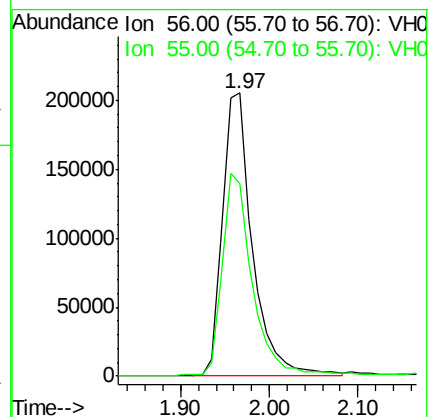
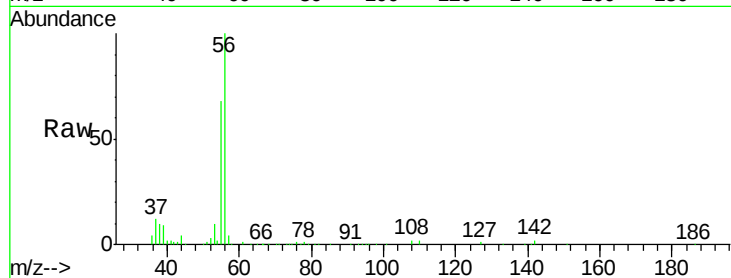
VSTDCCC050

Tgt Ion: 56 Resp: 487553

Ion Ratio Lower Upper

56 100

55 68.2 52.9 79.3



#14

1,1,2-Trichlorotrifluoroethane

Concen: 51.76 ug/l

RT: 1.79 min Scan# 129

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

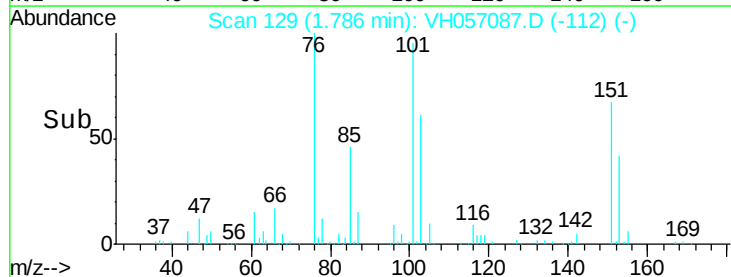
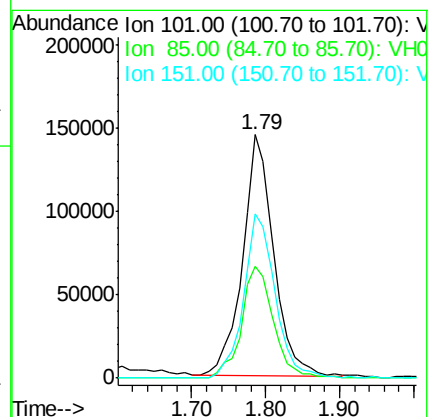
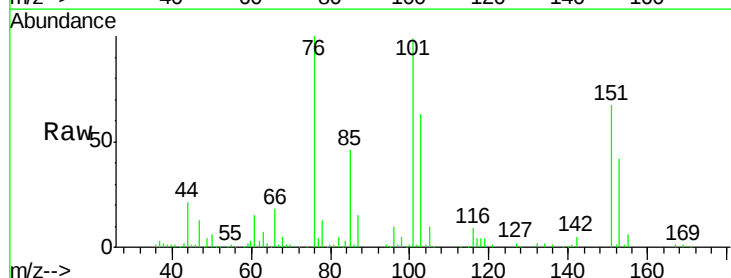
Tgt Ion: 101 Resp: 422296

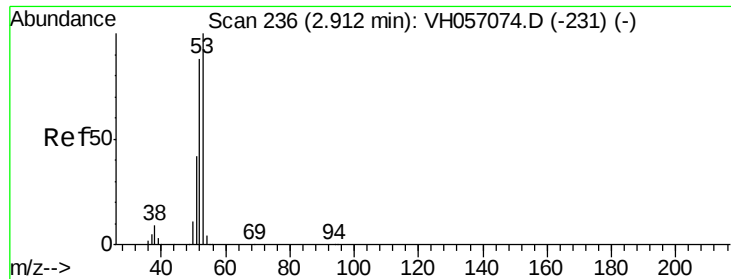
Ion Ratio Lower Upper

101 100

85 45.9 37.9 56.9

151 67.3 50.6 76.0





#15

Acrylonitrile

Concen: 239.62 ug/l

RT: 2.89 min Scan# 234

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

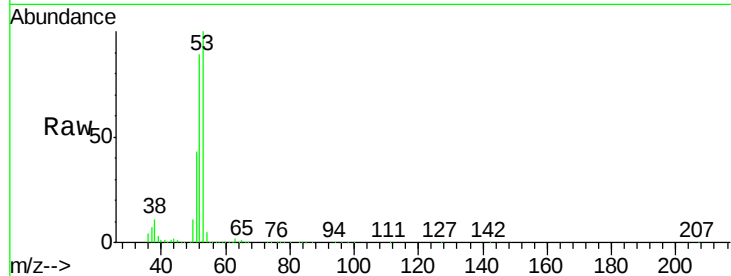
Tgt Ion: 53 Resp: 1272056

Ion Ratio Lower Upper

53 100

52 89.3 67.6 101.4

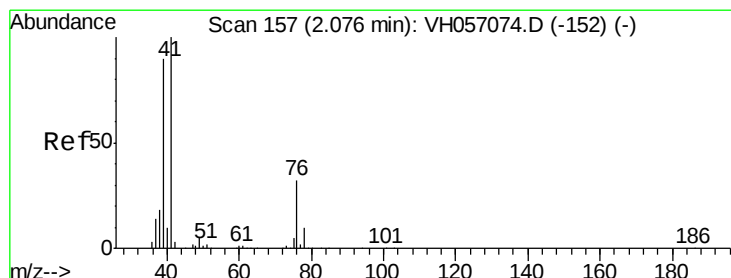
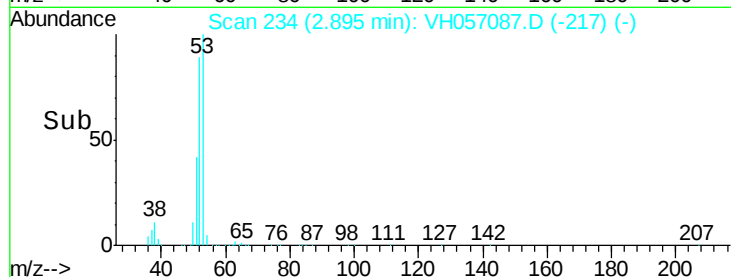
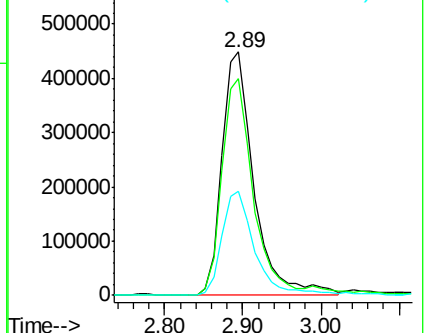
51 42.6 31.8 47.6



Abundance Ion 53.00 (52.70 to 53.70): VH0

Ion 52.00 (51.70 to 52.70): VH0

Ion 51.00 (50.70 to 51.70): VH0



#16

Allyl Chloride

Concen: 47.63 ug/l

RT: 2.06 min Scan# 155

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

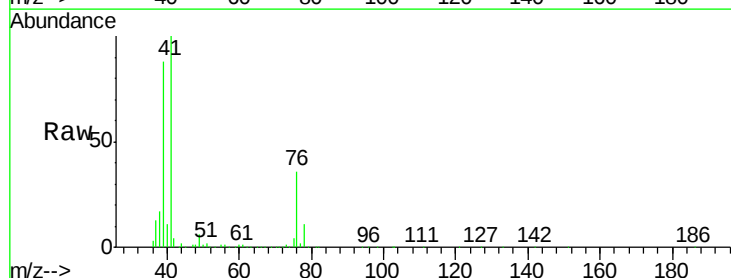
Tgt Ion: 41 Resp: 822292

Ion Ratio Lower Upper

41 100

39 87.8 41.0 123.2

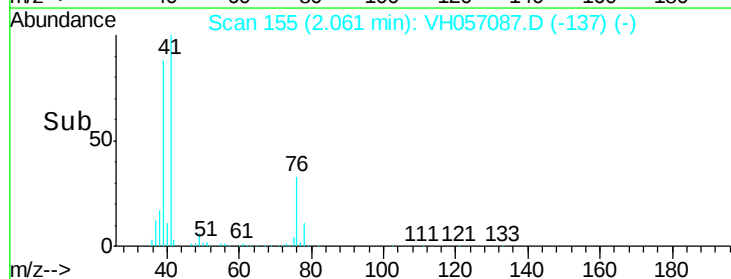
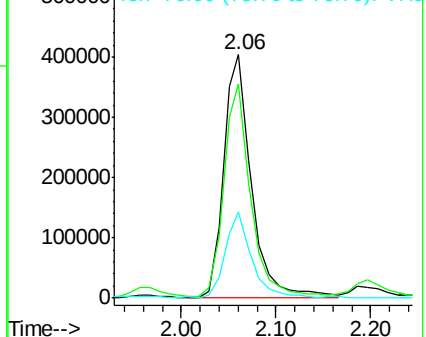
76 35.5 14.3 42.9

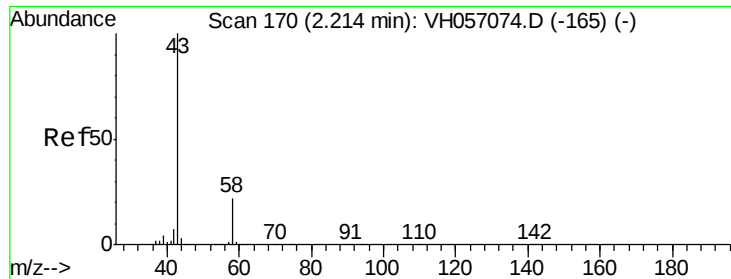


Abundance Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

Ion 76.00 (75.70 to 76.70): VH0

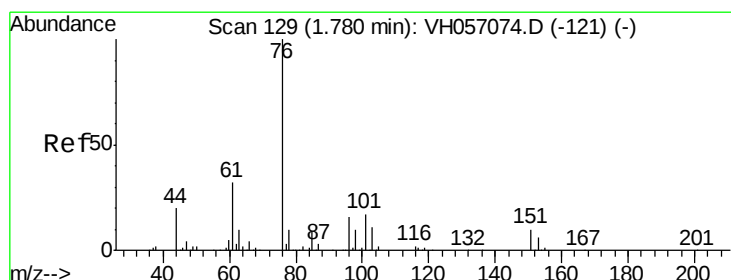
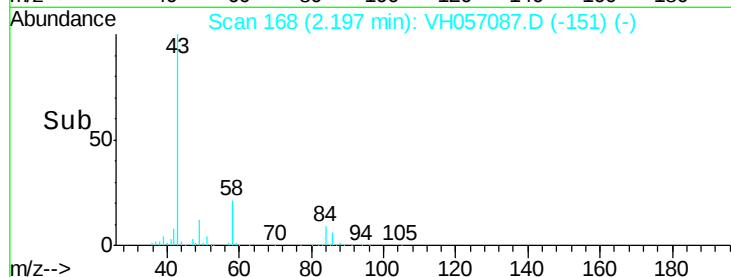
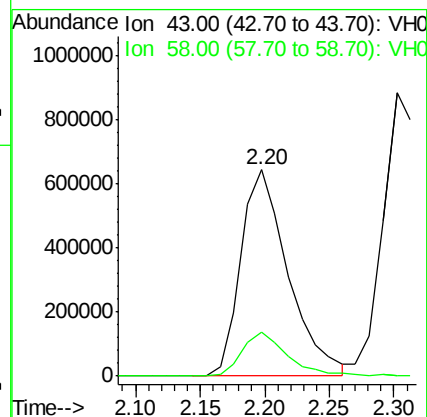
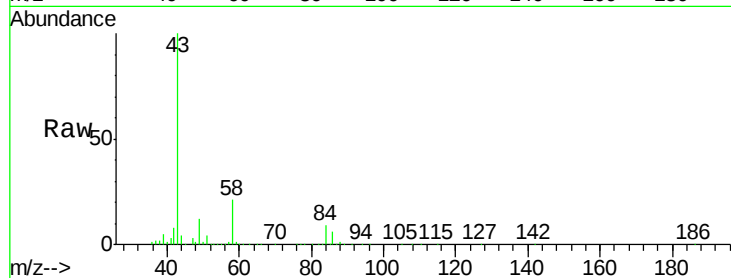




#17
Acetone
Concen: 240.75 ug/l
RT: 2.20 min Scan# 168
Delta R.T. -0.02 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

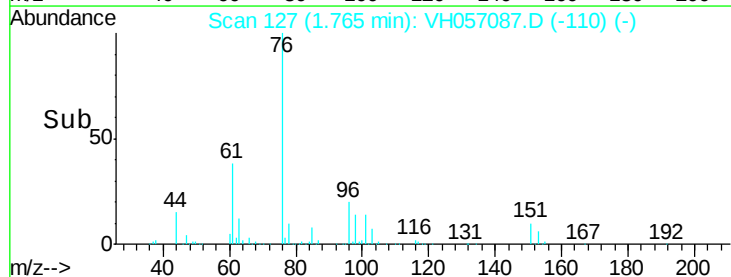
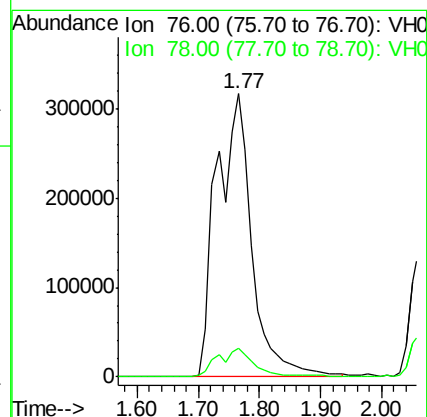
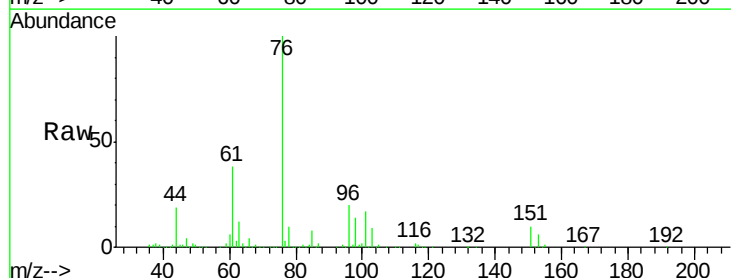
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

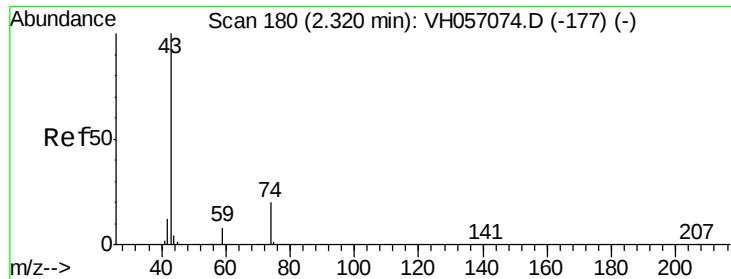
Tgt Ion: 43 Resp: 1617753
Ion Ratio Lower Upper
43 100
58 21.1 17.7 26.5



#18
Carbon Disulfide
Concen: 50.75 ug/l
RT: 1.77 min Scan# 127
Delta R.T. -0.02 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Tgt Ion: 76 Resp: 1253476
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7

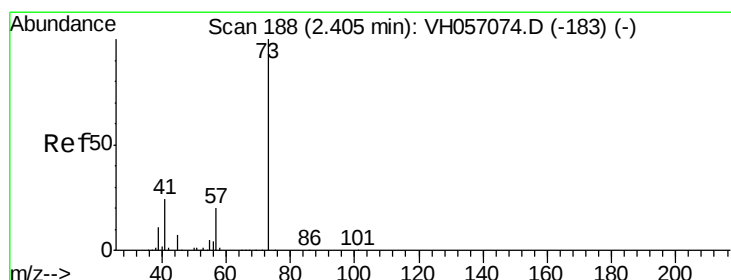
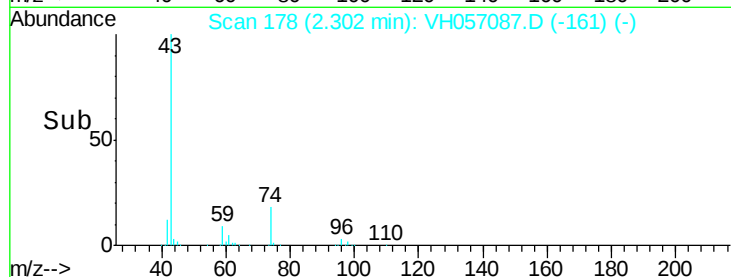
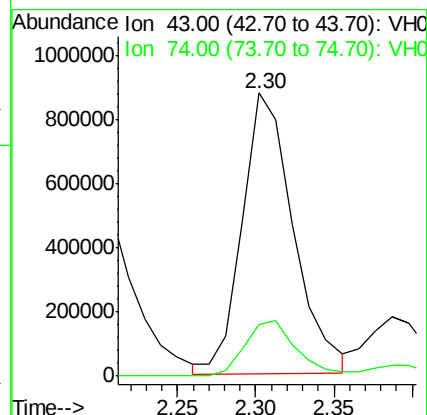
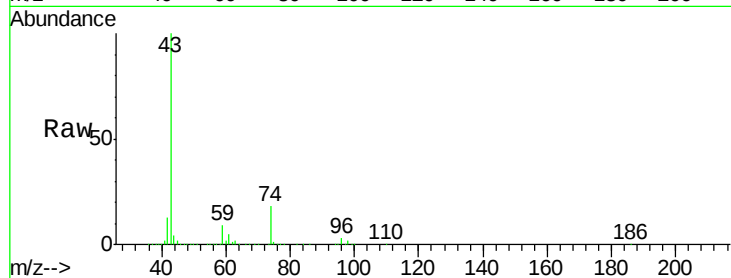




#19
Methyl Acetate
Concen: 47.41 ug/l
RT: 2.30 min Scan# 178
Delta R.T. -0.02 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

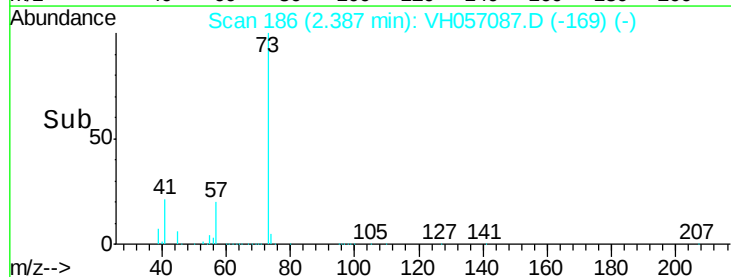
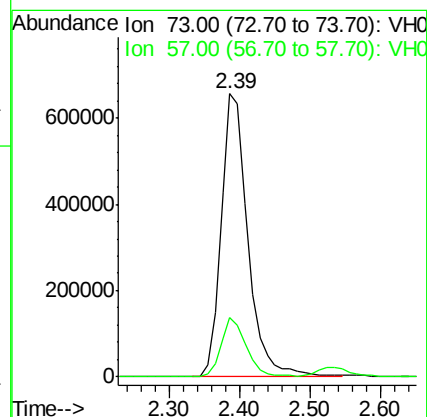
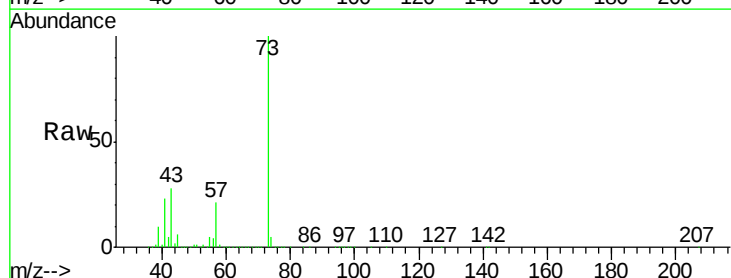
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

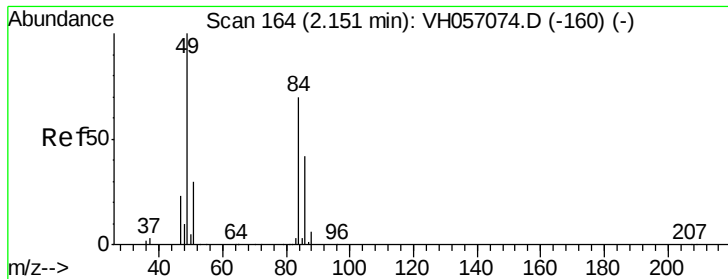
Tgt Ion: 43 Resp: 2000402
Ion Ratio Lower Upper
43 100
74 18.3 13.3 24.7



#20
Methyl tert-butyl Ether
Concen: 51.70 ug/l
RT: 2.39 min Scan# 186
Delta R.T. -0.02 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Tgt Ion: 73 Resp: 1733619
Ion Ratio Lower Upper
73 100
57 20.8 18.0 27.0

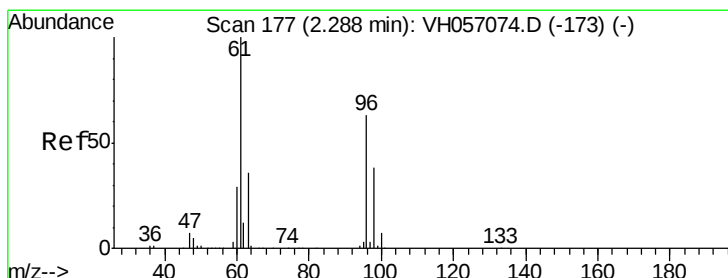
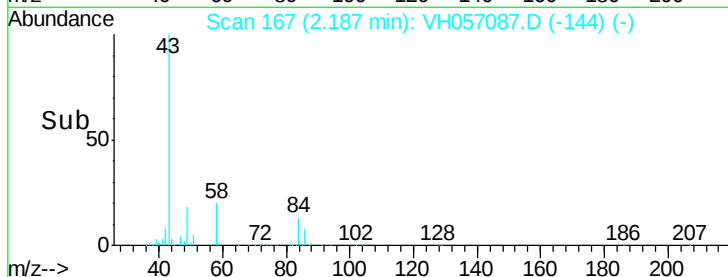
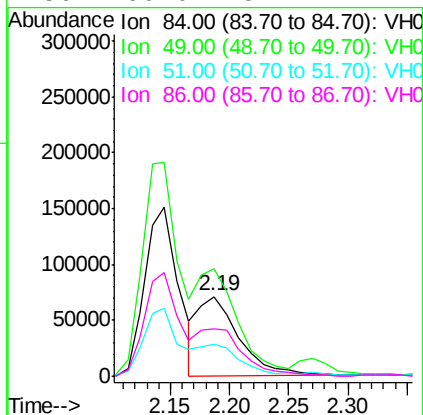
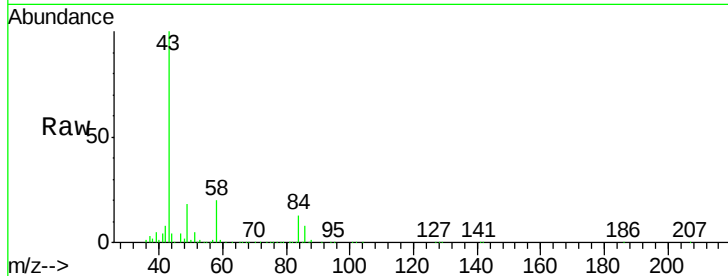




#21
Methylene Chloride
Concen: 18.34 ug/l
RT: 2.19 min Scan# 167
Delta R.T. 0.04 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

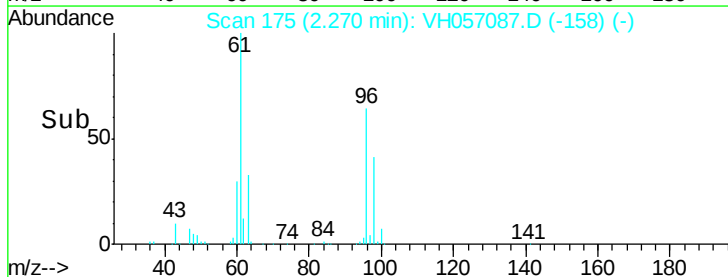
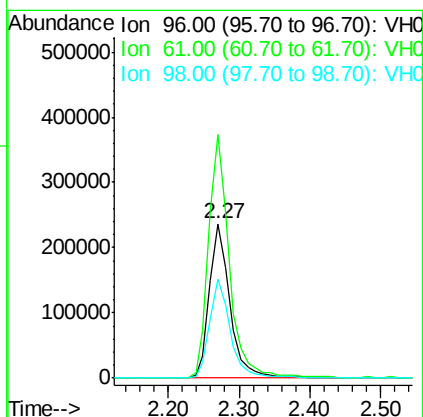
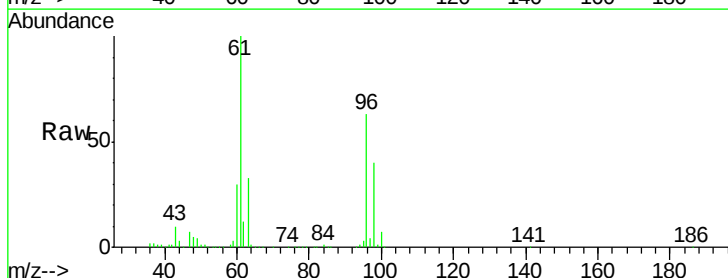
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

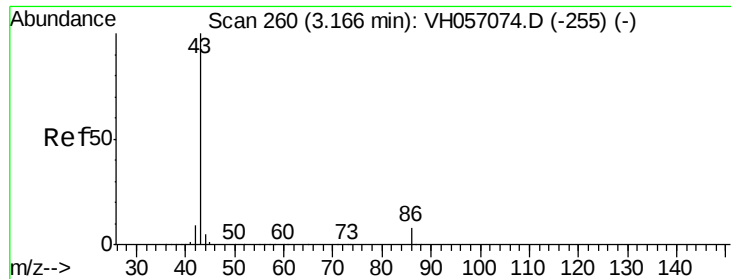
Tgt Ion: 84 Resp: 168049
Ion Ratio Lower Upper
84 100
49 134.4 132.8 199.2
51 40.6 39.5 59.3
86 60.0 51.4 77.2



#22
trans-1,2-Dichloroethene
Concen: 51.29 ug/l
RT: 2.27 min Scan# 175
Delta R.T. -0.02 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Tgt Ion: 96 Resp: 472230
Ion Ratio Lower Upper
96 100
61 157.6 131.7 197.5
98 63.8 49.5 74.3





#23

Vinyl Acetate

Concen: 237.96 ug/l

RT: 3.14 min Scan# 257

Delta R.T. -0.03 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

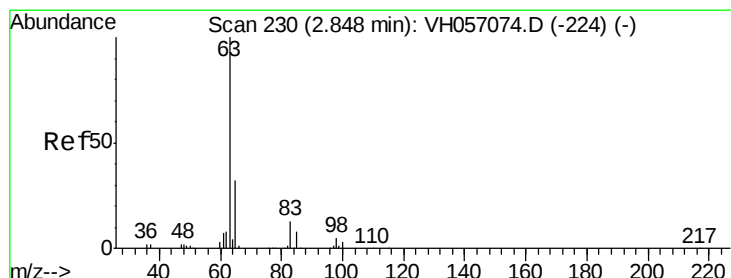
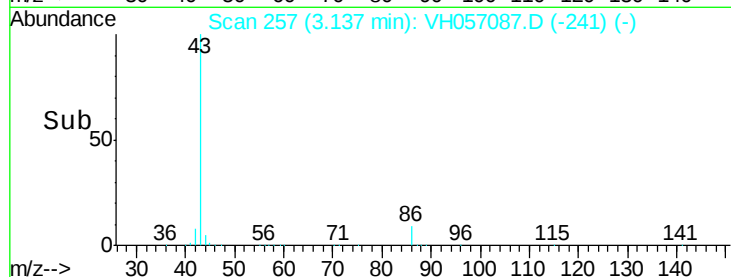
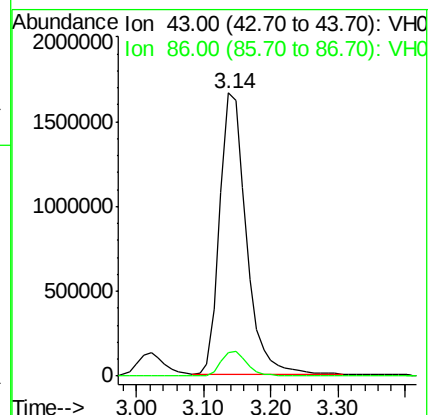
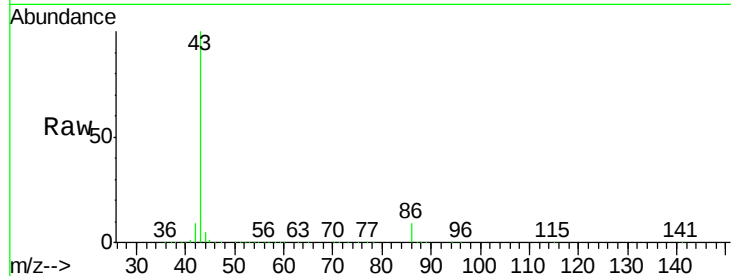
VSTDCCC050

Tgt Ion: 43 Resp: 4558142

Ion Ratio Lower Upper

43 100

86 8.5 6.2 9.2



#24

1,1-Dichloroethane

Concen: 46.44 ug/l

RT: 2.82 min Scan# 227

Delta R.T. -0.03 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

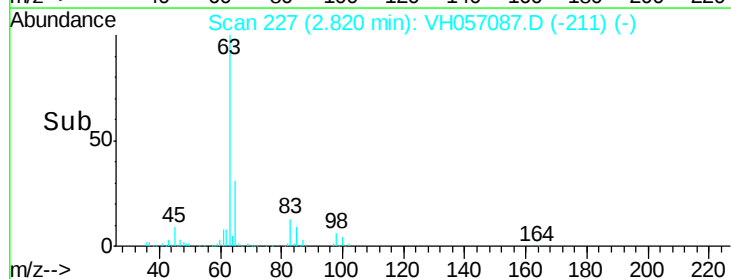
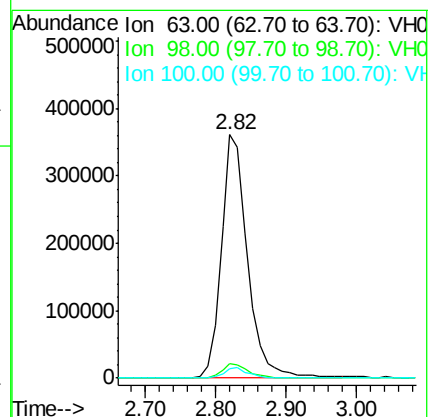
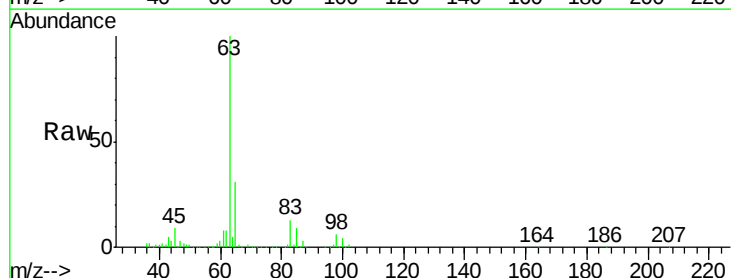
Tgt Ion: 63 Resp: 925599

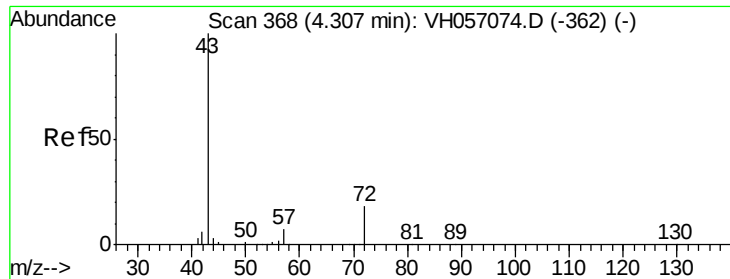
Ion Ratio Lower Upper

63 100

98 5.8 2.6 7.8

100 3.6 1.7 5.0





#25

2-Butanone

Concen: 236.51 ug/l

RT: 4.28 min Scan# 365

Delta R.T. -0.03 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

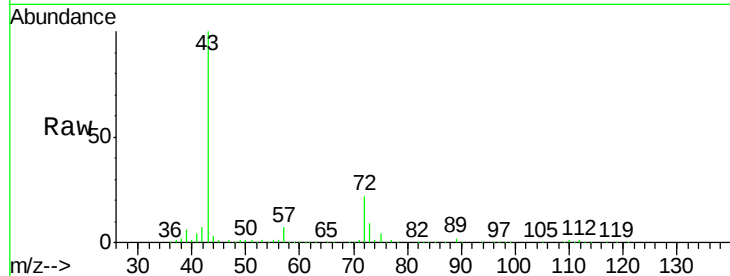
VSTDCCC050

Tgt Ion: 43 Resp: 3561983

Ion Ratio Lower Upper

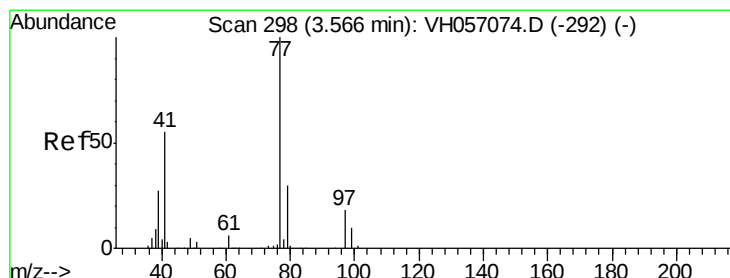
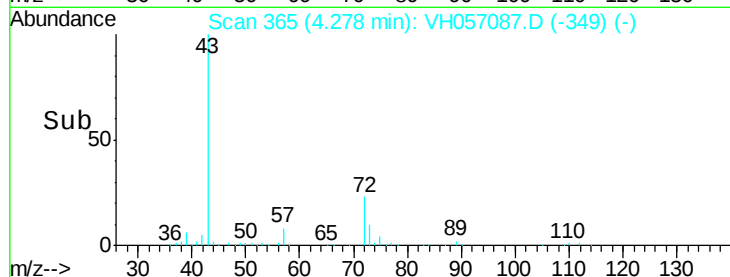
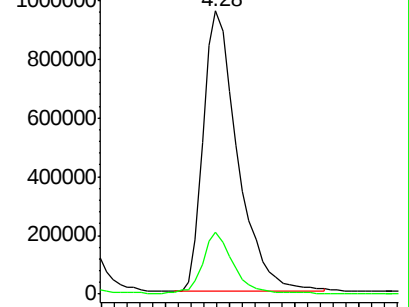
43 100

72 21.9 0.0 39.2



Abundance Ion 43.00 (42.70 to 43.70): VH057087.D (-365) (-)

Ion 72.00 (71.70 to 72.70): VH057087.D (-365) (-)



#26

2,2-Dichloropropane

Concen: 49.03 ug/l

RT: 3.55 min Scan# 296

Delta R.T. -0.02 min

Lab File: VH057087.D

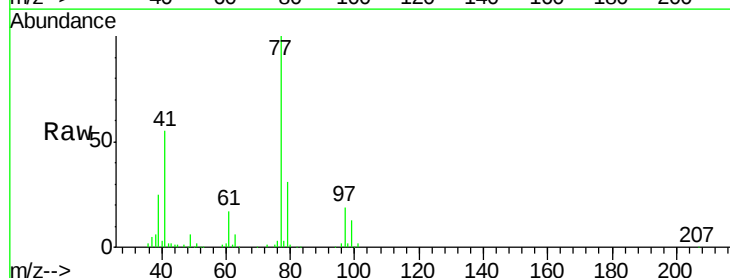
Acq: 21 Sep 2015 11:07

Tgt Ion: 77 Resp: 613483

Ion Ratio Lower Upper

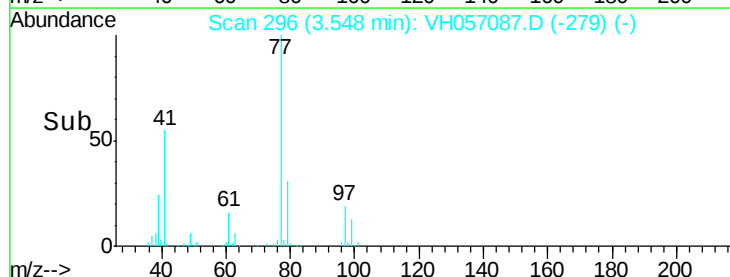
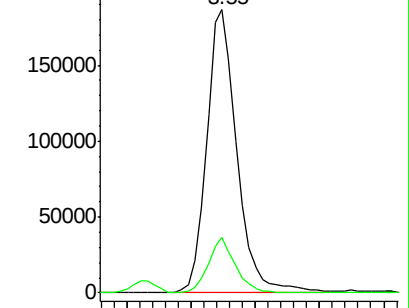
77 100

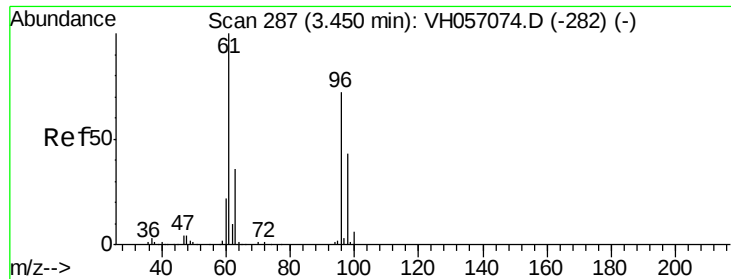
97 19.4 8.8 26.4



Abundance Ion 77.00 (76.70 to 77.70): VH057087.D (-298) (-)

Ion 97.00 (96.70 to 97.70): VH057087.D (-298) (-)



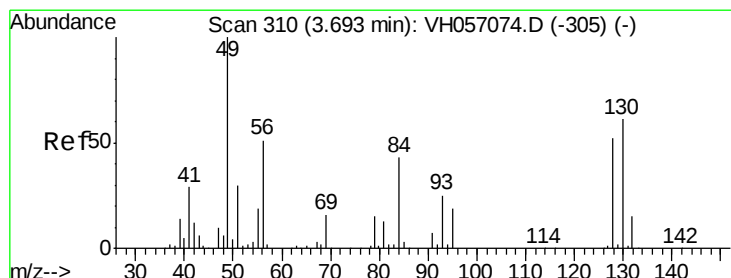
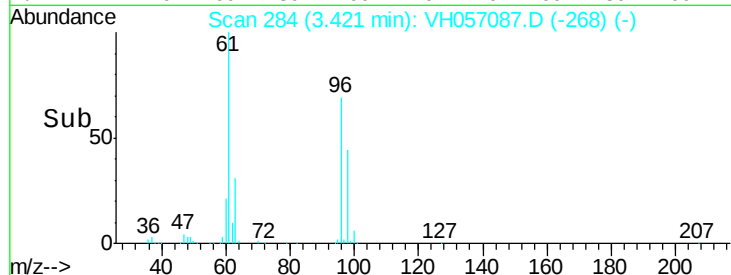
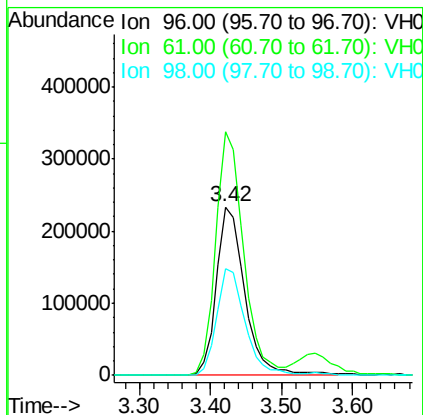
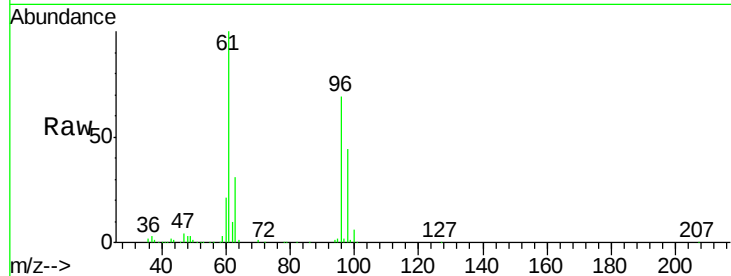


#27

cis-1,2-Dichloroethene
 Concen: 50.66 ug/l
 RT: 3.42 min Scan# 284
 Delta R.T. -0.03 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

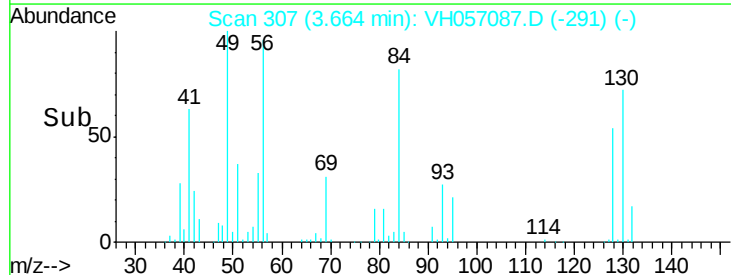
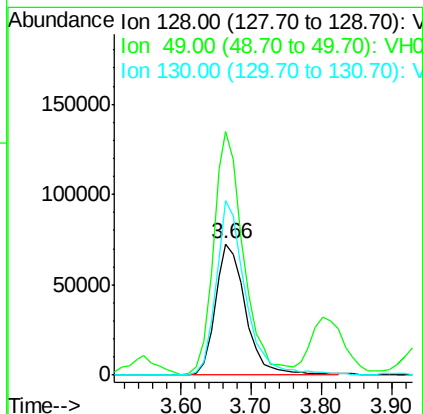
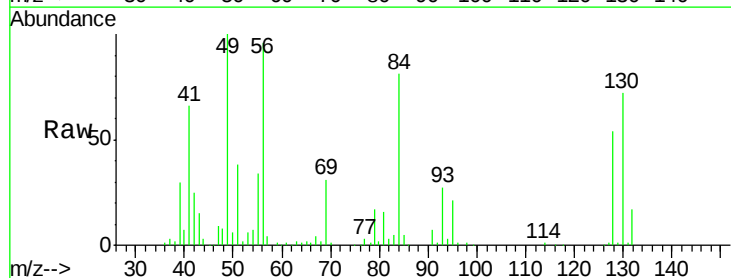
Tgt Ion: 96 Resp: 651455
 Ion Ratio Lower Upper
 96 100
 61 144.6 115.4 173.0
 98 63.6 49.7 74.5

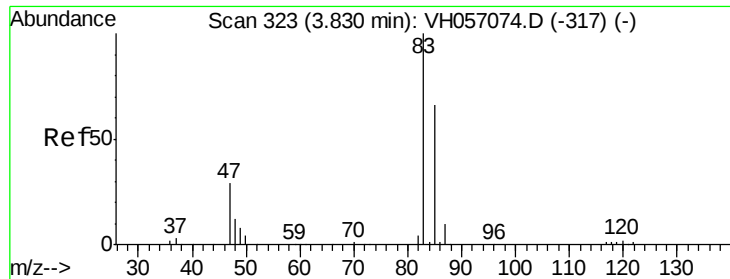


#28

Bromochloromethane
 Concen: 50.61 ug/l
 RT: 3.66 min Scan# 307
 Delta R.T. -0.03 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

Tgt Ion: 128 Resp: 217410
 Ion Ratio Lower Upper
 128 100
 49 185.6 0.0 441.4
 130 133.3 100.7 151.1

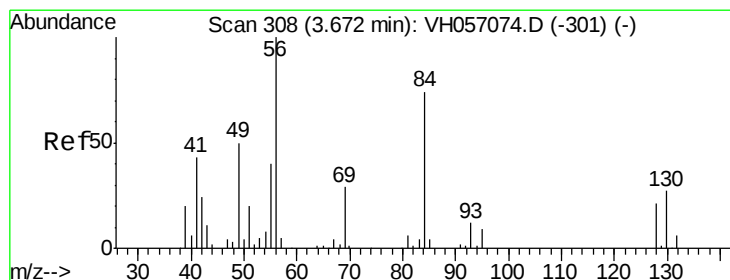
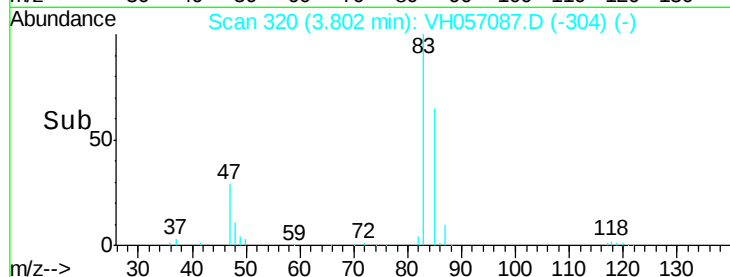
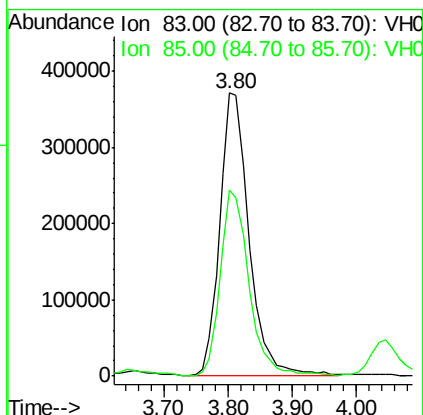
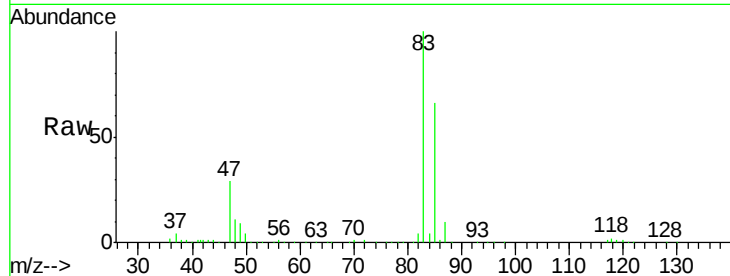




#29
Chloroform
Concen: 49.76 ug/l
RT: 3.80 min Scan# 320
Delta R.T. -0.03 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

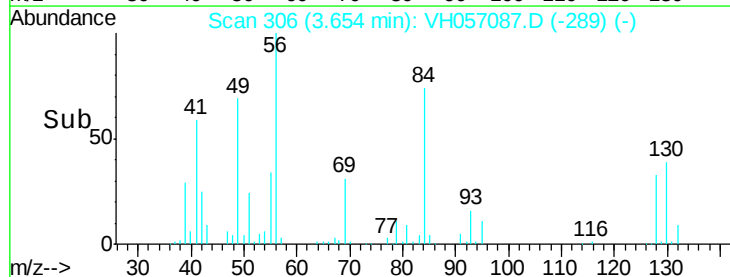
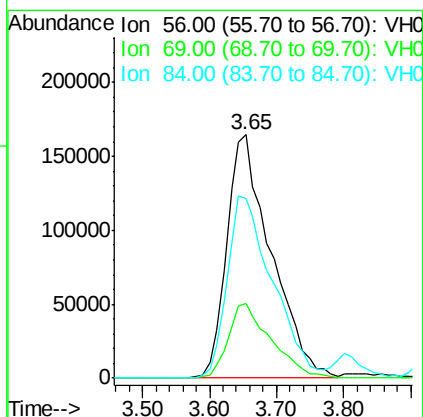
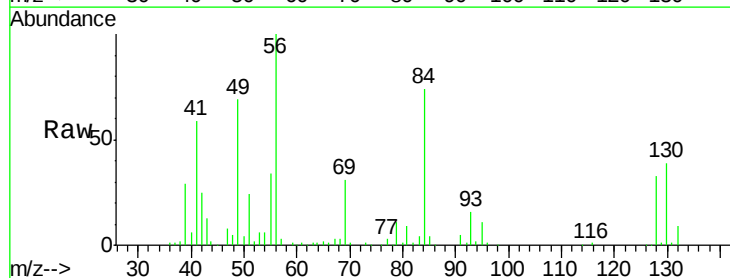
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

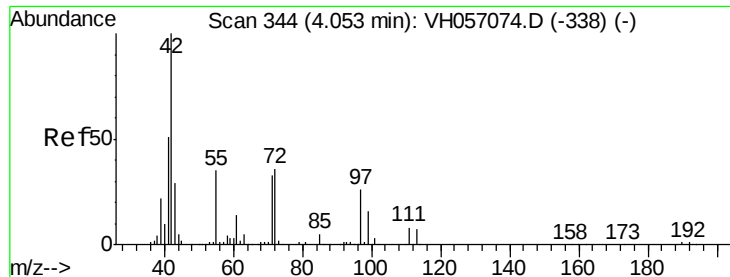
Tgt Ion: 83 Resp: 1172277
Ion Ratio Lower Upper
83 100
85 65.7 54.3 81.5



#30
Cyclohexane
Concen: 46.90 ug/l
RT: 3.65 min Scan# 306
Delta R.T. -0.02 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Tgt Ion: 56 Resp: 748858
Ion Ratio Lower Upper
56 100
69 30.9 18.1 33.7
84 74.0 0.0 136.8

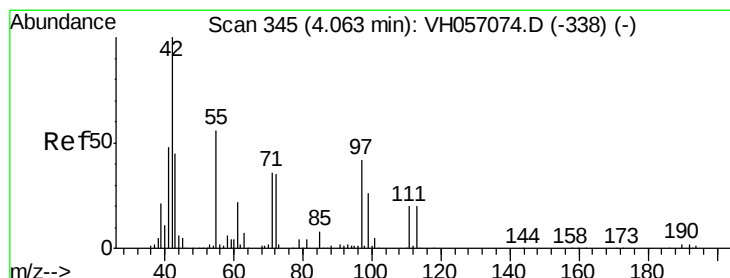
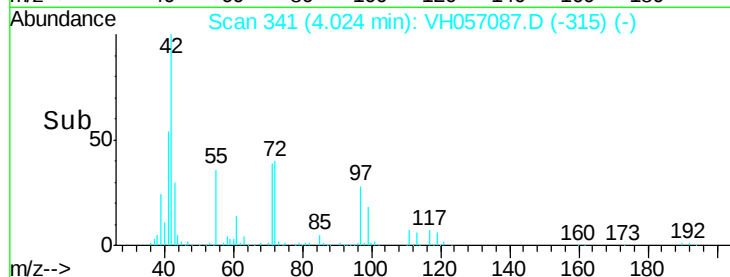
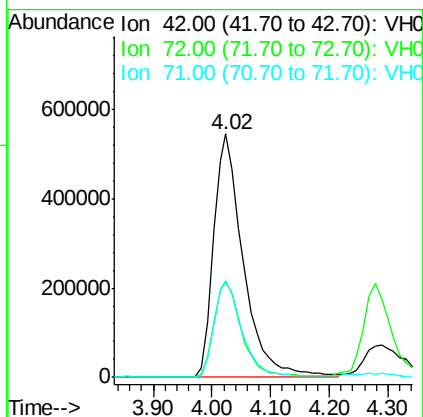
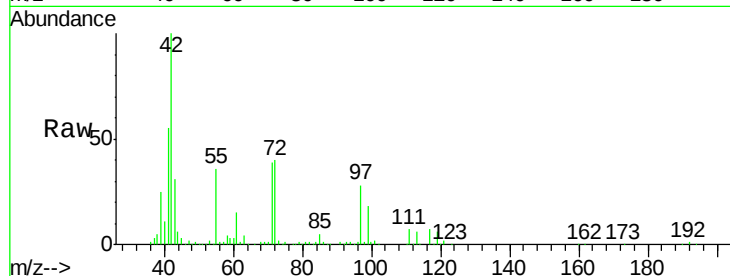




#31
Tetrahydrofuran
Concen: 227.27 ug/l
RT: 4.02 min Scan# 341
Delta R.T. -0.03 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

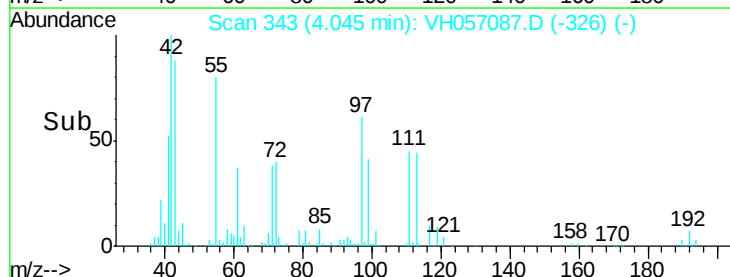
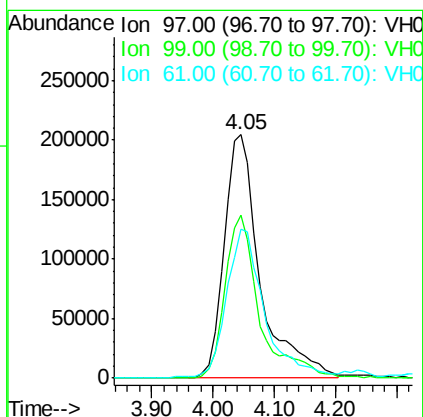
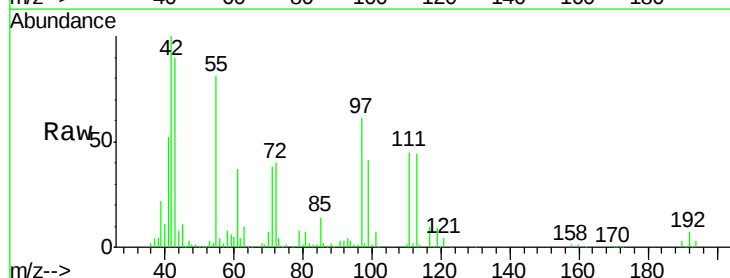
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

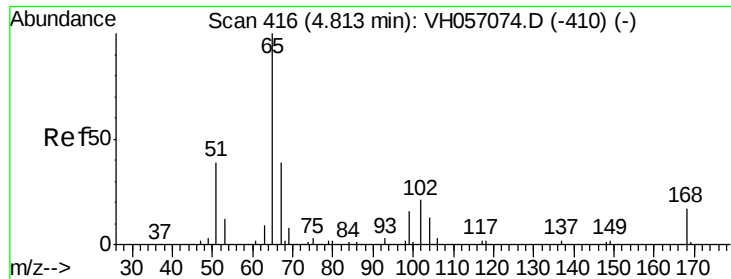
Tgt Ion: 42 Resp: 1921191
Ion Ratio Lower Upper
42 100
72 37.3 25.5 38.3
71 37.6 25.4 38.0



#32
1,1,1-Trichloroethane
Concen: 49.93 ug/l
RT: 4.05 min Scan# 343
Delta R.T. -0.02 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Tgt Ion: 97 Resp: 846814
Ion Ratio Lower Upper
97 100
99 67.1 49.8 74.6
61 61.4 45.0 67.4





#33

1,2-Dichloroethane-d4

Concen: 44.09 ug/l

RT: 4.79 min Scan# 414

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

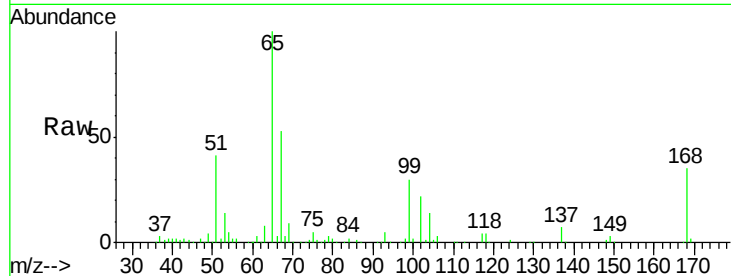
VSTDCCC050

Tgt Ion: 65 Resp: 714879

Ion Ratio Lower Upper

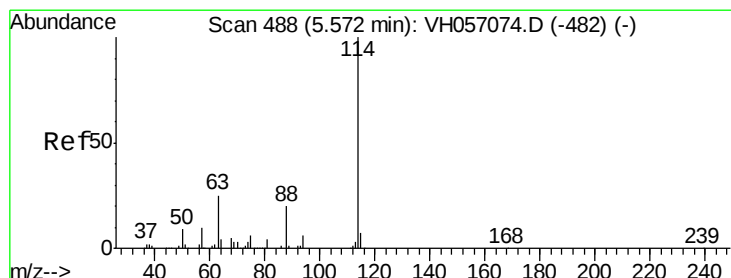
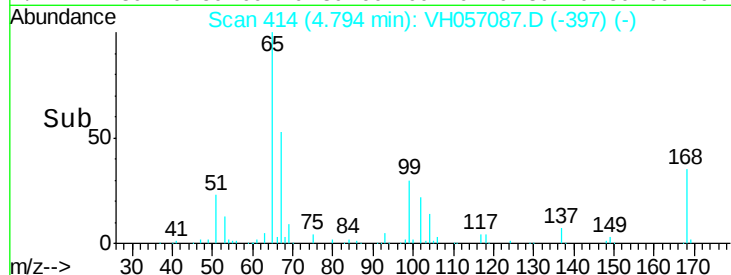
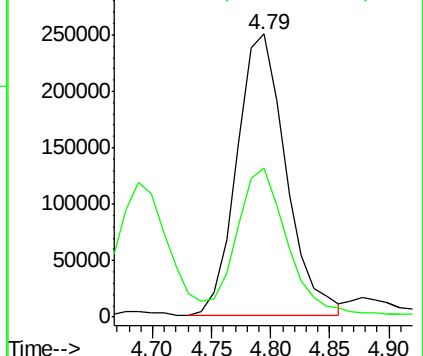
65 100

67 52.7 43.2 64.8



Abundance Ion 65.00 (64.70 to 65.70): VH0

Ion 67.00 (66.70 to 67.70): VH0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.54 min Scan# 485

Delta R.T. -0.03 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

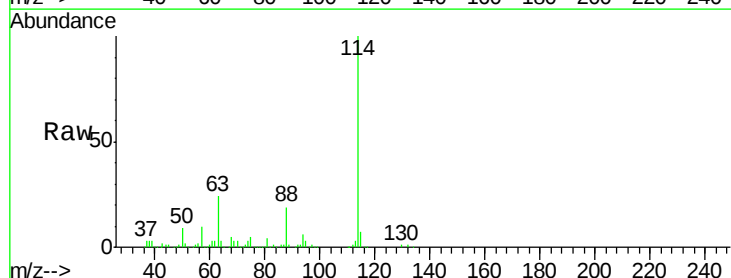
Tgt Ion: 114 Resp: 1606585

Ion Ratio Lower Upper

114 100

63 23.9 19.0 28.4

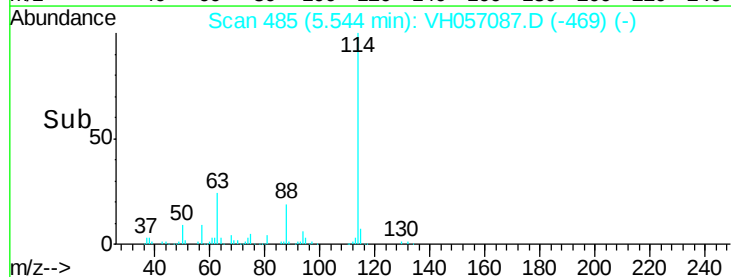
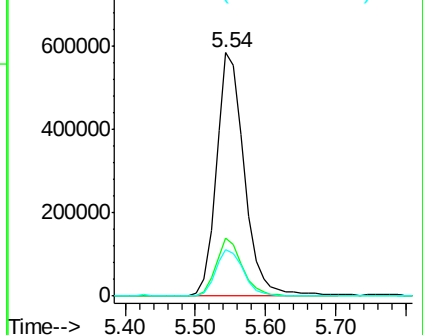
88 18.8 15.7 23.5

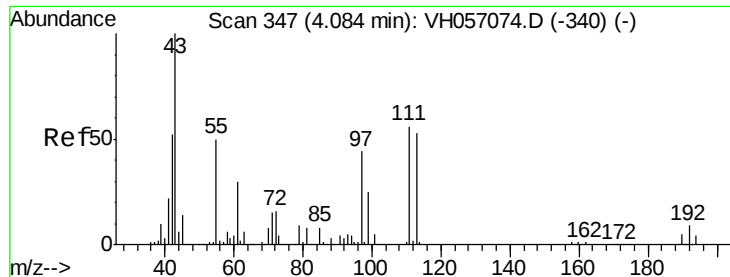


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VH0

Ion 88.00 (87.70 to 88.70): VH0

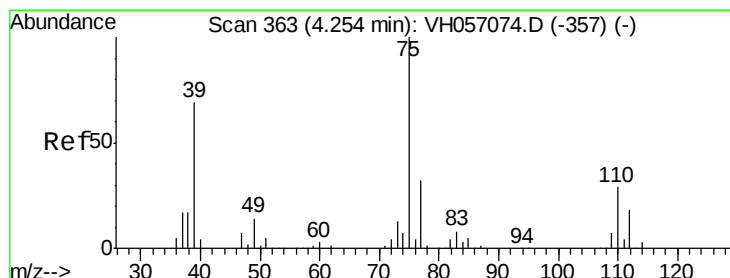
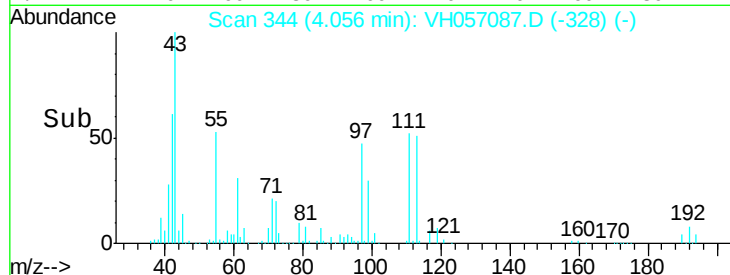
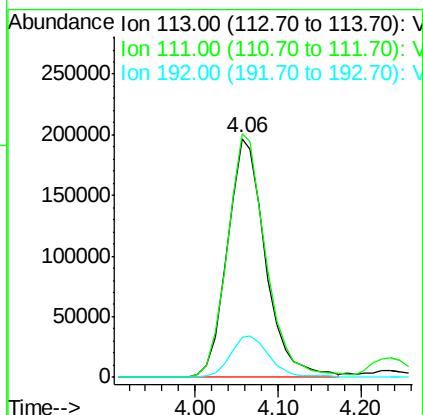
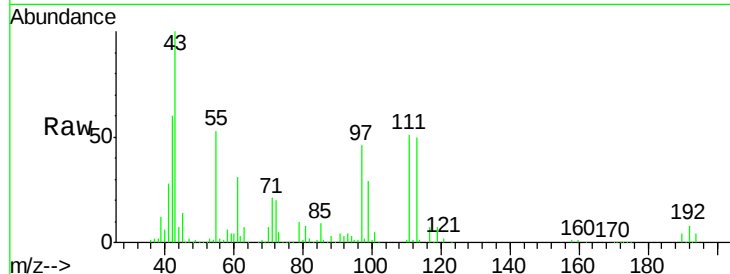




#35
 Dibromofluoromethane
 Concen: 49.43 ug/l
 RT: 4.06 min Scan# 344
 Delta R.T. -0.03 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

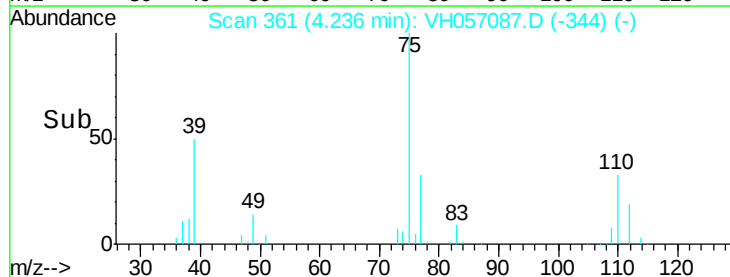
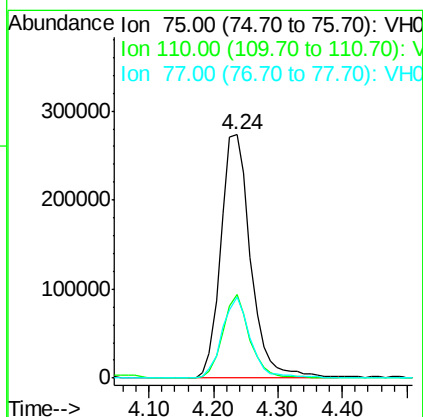
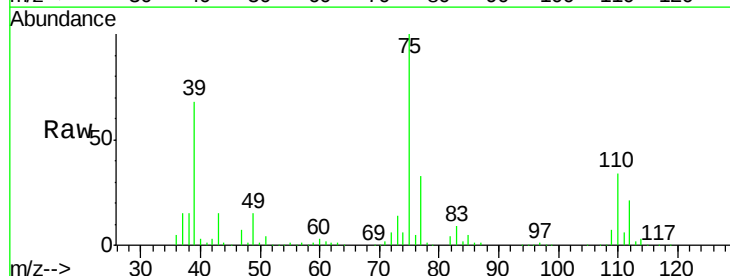
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

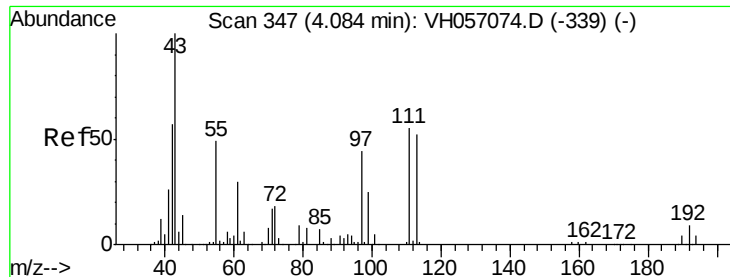
Tgt Ion: 113 Resp: 632348
 Ion Ratio Lower Upper
 113 100
 111 101.9 84.0 126.0
 192 16.7 13.6 20.4



#36
 1,1-Dichloropropene
 Concen: 49.45 ug/l
 RT: 4.24 min Scan# 361
 Delta R.T. -0.02 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

Tgt Ion: 75 Resp: 872810
 Ion Ratio Lower Upper
 75 100
 110 34.1 13.7 41.1
 77 33.3 24.0 36.0

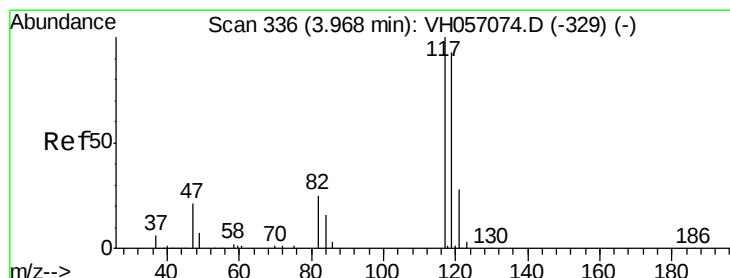
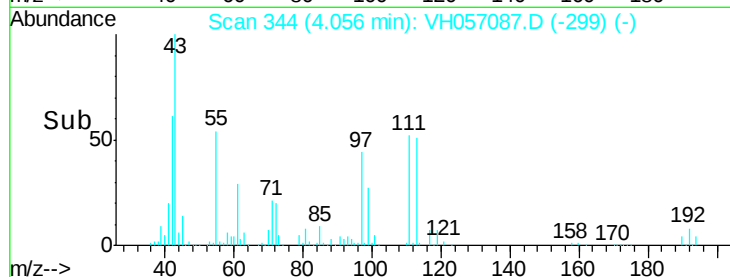
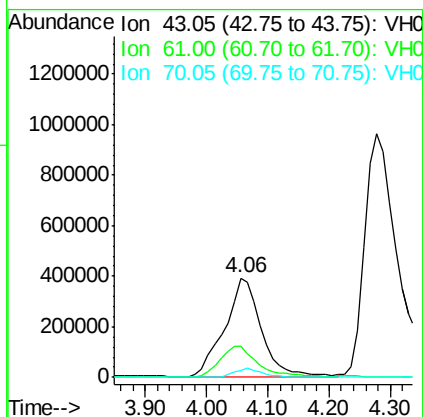
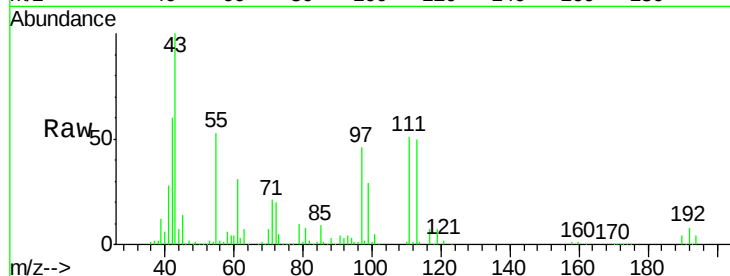




#37
Ethyl acetate
Concen: 48.87 ug/l
RT: 4.06 min Scan# 344
Delta R.T. -0.03 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

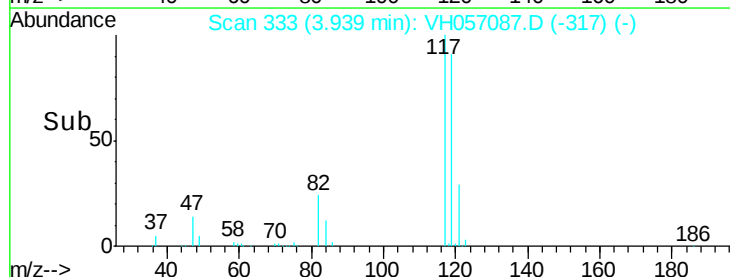
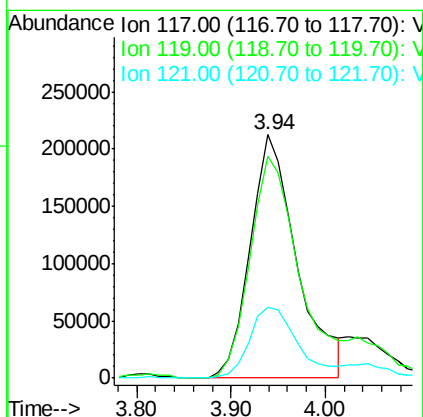
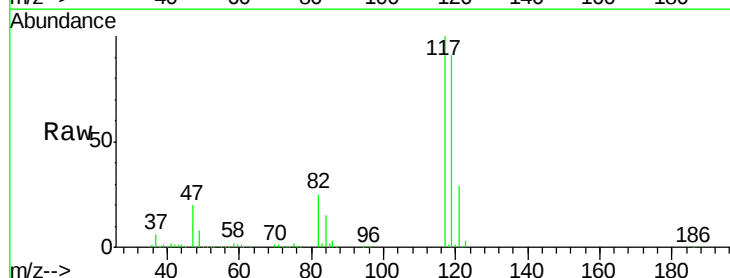
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

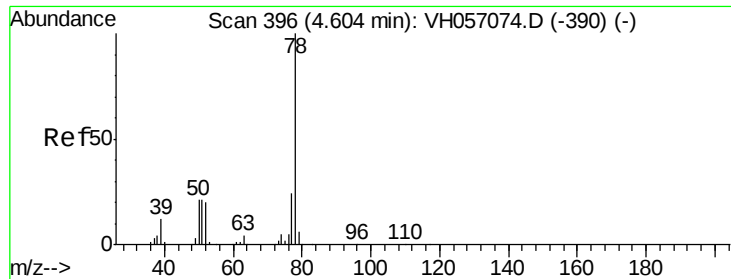
Tgt Ion: 43 Resp: 1619637
Ion Ratio Lower Upper
43 100
61 0.0 23.9 35.9#
70 6.8 5.4 8.0



#38
Carbon Tetrachloride
Concen: 52.68 ug/l
RT: 3.94 min Scan# 333
Delta R.T. -0.03 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Tgt Ion: 117 Resp: 723995
Ion Ratio Lower Upper
117 100
119 91.2 78.7 118.1
121 29.3 25.9 38.9





#39

Benzene

Concen: 50.96 ug/l

RT: 4.58 min Scan# 394

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

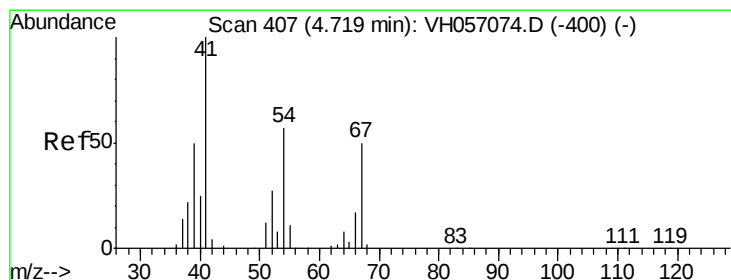
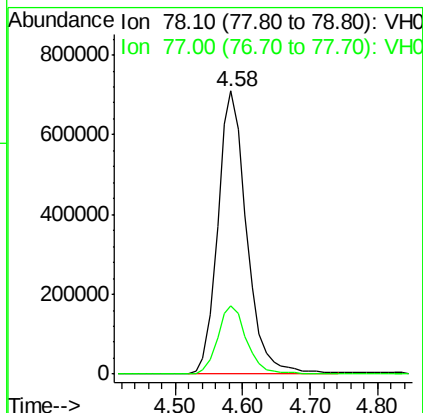
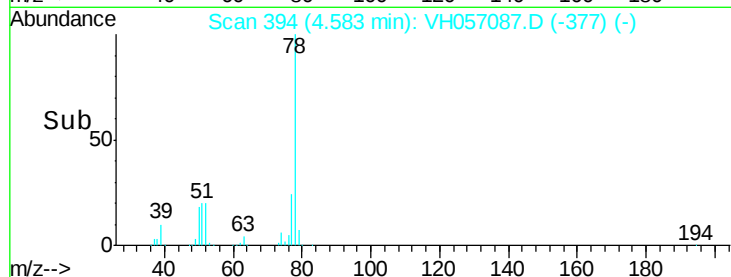
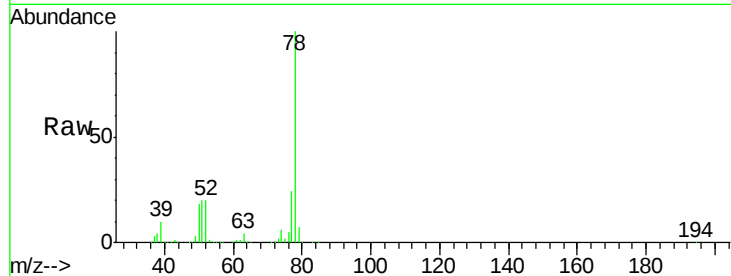
VSTDCCC050

Tgt Ion: 78 Resp: 2142065

Ion Ratio Lower Upper

78 100

77 24.2 18.5 27.7



#40

Methacrylonitrile

Concen: 48.99 ug/l

RT: 4.69 min Scan# 404

Delta R.T. -0.03 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Tgt Ion: 41 Resp: 718560

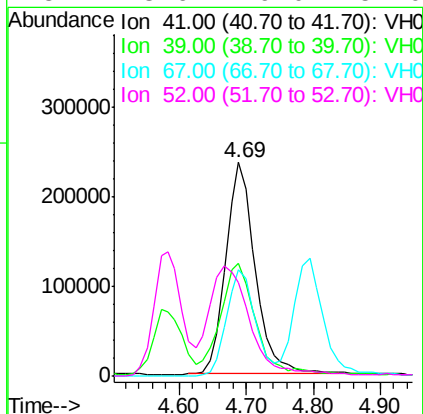
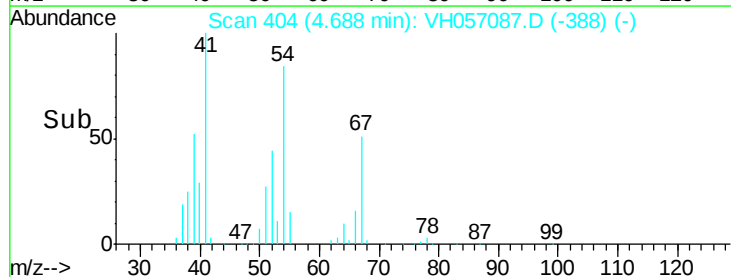
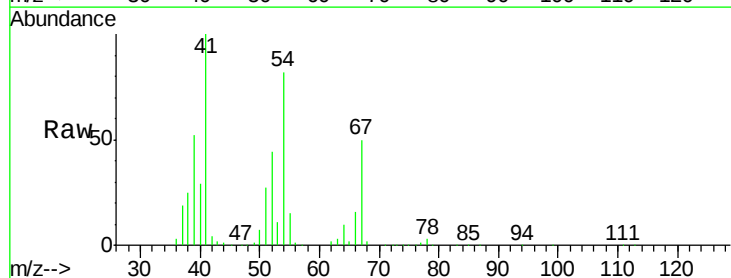
Ion Ratio Lower Upper

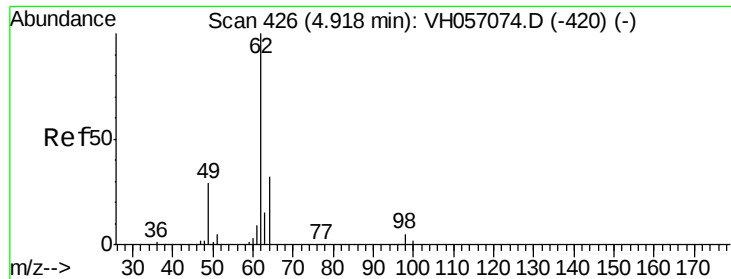
41 100

39 52.5 25.1 75.2

67 50.0 22.5 67.5

52 43.6 19.0 57.0





#41

1,2-Dichloroethane

Concen: 48.89 ug/l

RT: 4.89 min Scan# 423

Delta R.T. -0.03 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

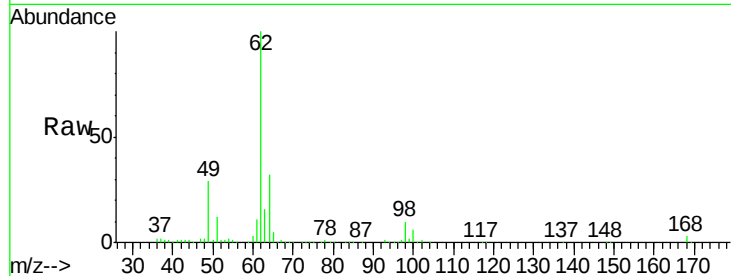
VSTDCCC050

Tgt Ion: 62 Resp: 907105

Ion Ratio Lower Upper

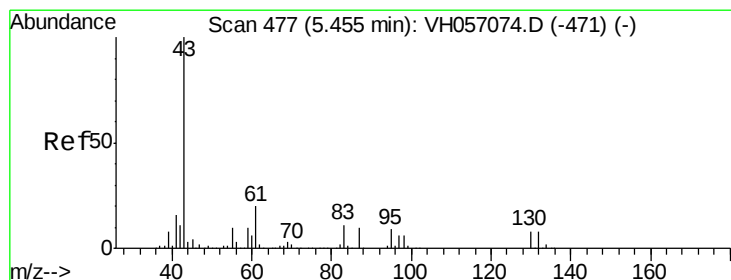
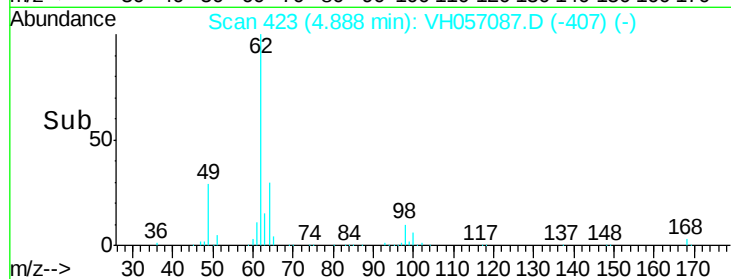
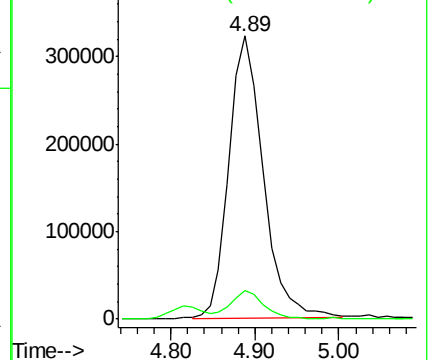
62 100

98 9.9 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VH0

Ion 98.00 (97.70 to 98.70): VH0



#42

Isopropyl Acetate

Concen: 47.68 ug/l

RT: 5.44 min Scan# 475

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

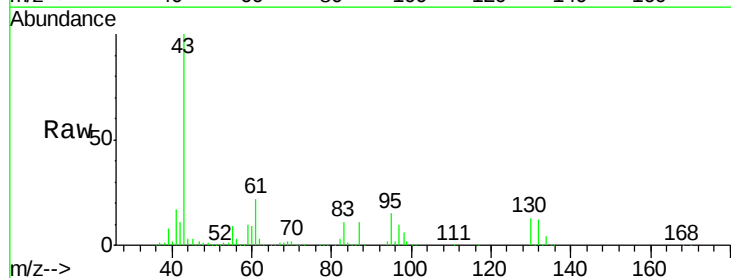
Tgt Ion: 43 Resp: 2063127

Ion Ratio Lower Upper

43 100

61 21.6 15.8 23.6

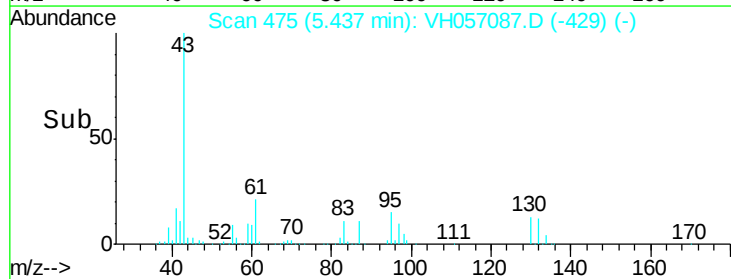
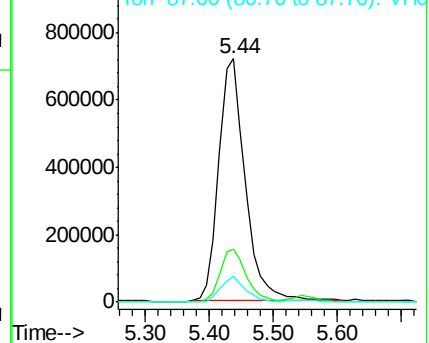
87 10.8 7.0 10.6#

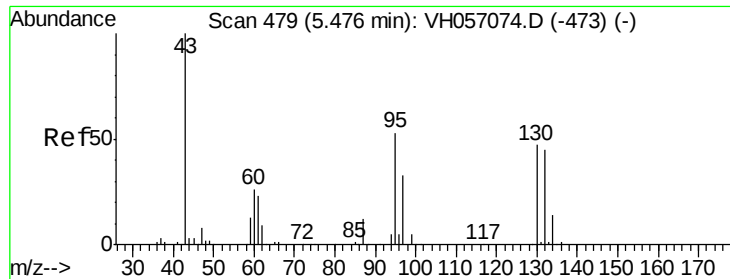


Abundance Ion 43.05 (42.75 to 43.75): VH0

Ion 61.00 (60.70 to 61.70): VH0

Ion 87.00 (86.70 to 87.70): VH0

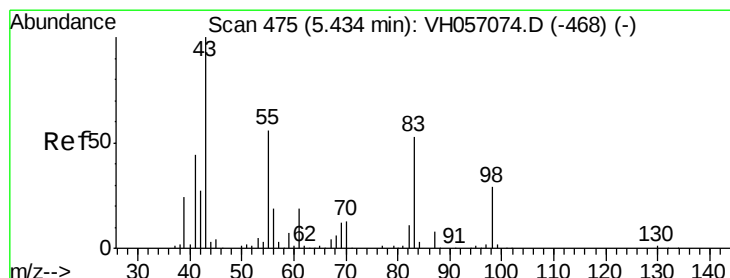
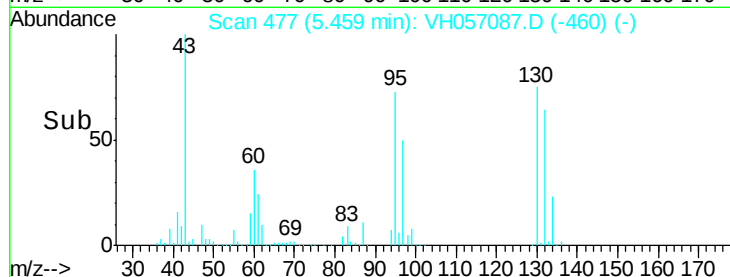
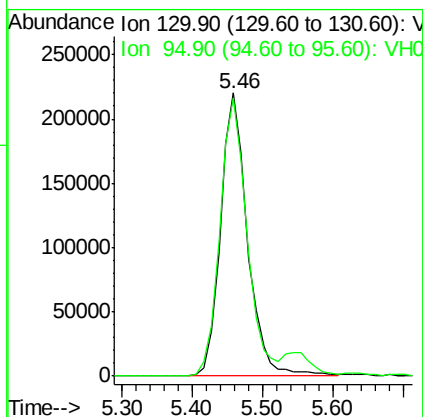
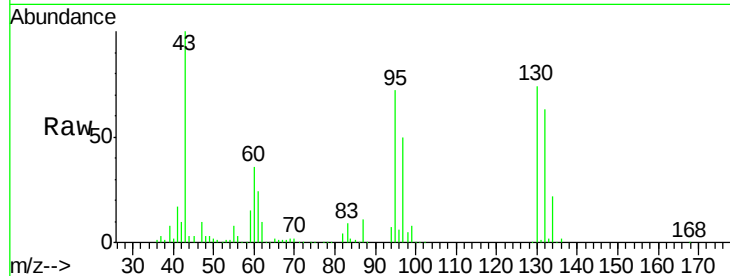




#43
 Trichloroethene
 Concen: 54.73 ug/l
 RT: 5.46 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

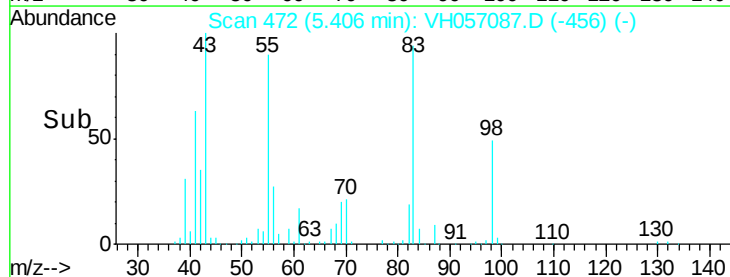
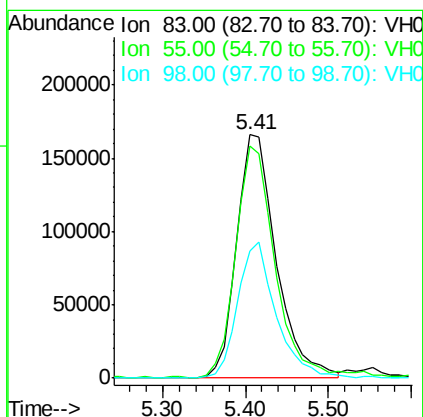
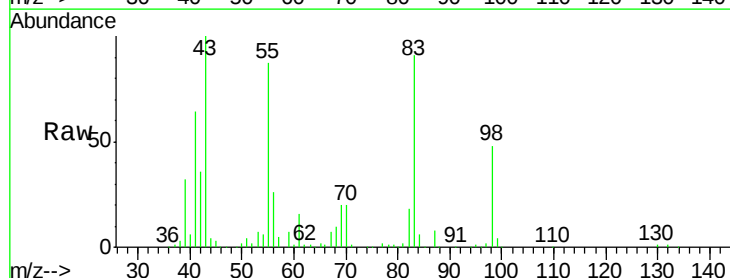
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

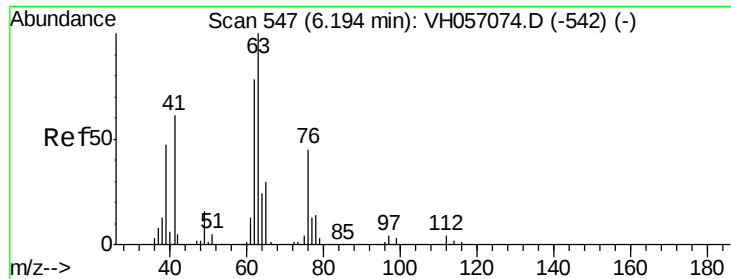
Tgt Ion:130 Resp: 584625
 Ion Ratio Lower Upper
 130 100
 95 98.4 84.0 126.0



#44
 Methylcyclohexane
 Concen: 54.00 ug/l
 RT: 5.41 min Scan# 472
 Delta R.T. -0.03 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

Tgt Ion: 83 Resp: 549420
 Ion Ratio Lower Upper
 83 100
 55 95.5 0.0 207.2
 98 52.5 0.0 108.4

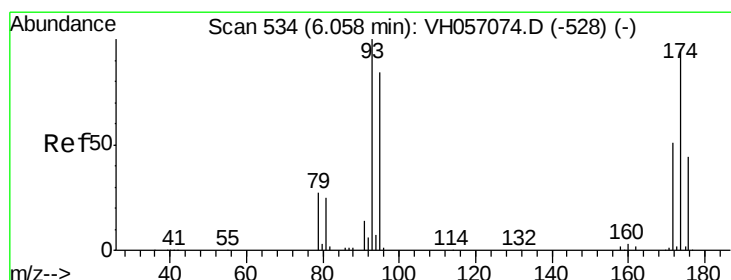
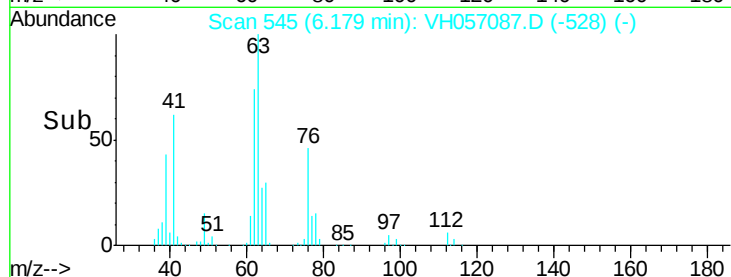
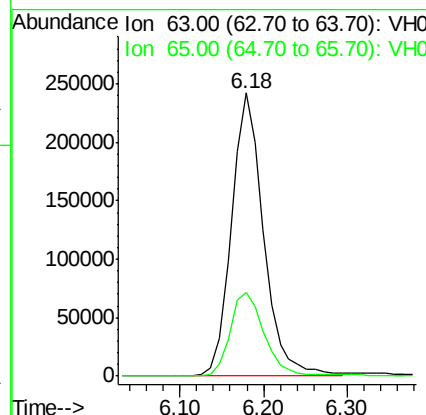
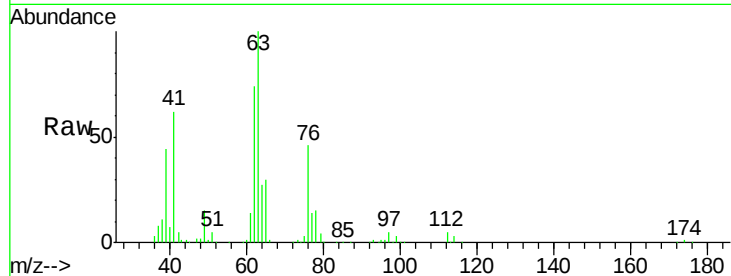




#45
 1,2-Dichloropropane
 Concen: 48.88 ug/l
 RT: 6.18 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

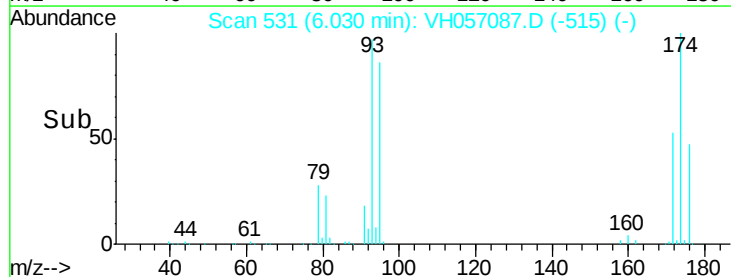
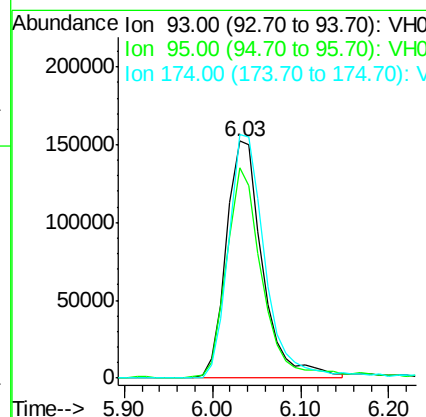
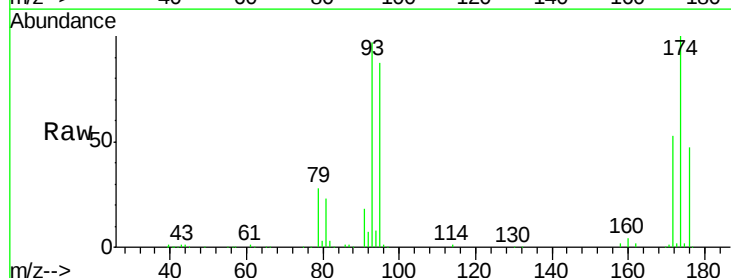
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

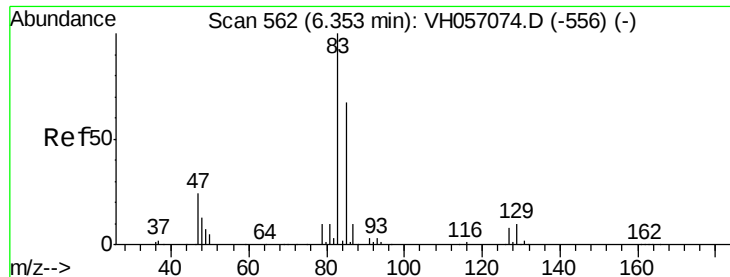
Tgt Ion: 63 Resp: 651421
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.8 35.8



#46
 Dibromomethane
 Concen: 50.37 ug/l
 RT: 6.03 min Scan# 531
 Delta R.T. -0.03 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

Tgt Ion: 93 Resp: 436544
 Ion Ratio Lower Upper
 93 100
 95 89.0 69.5 104.3
 174 102.8 75.8 113.6





#47

Bromodichloromethane

Concen: 51.50 ug/l

RT: 6.34 min Scan# 560

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

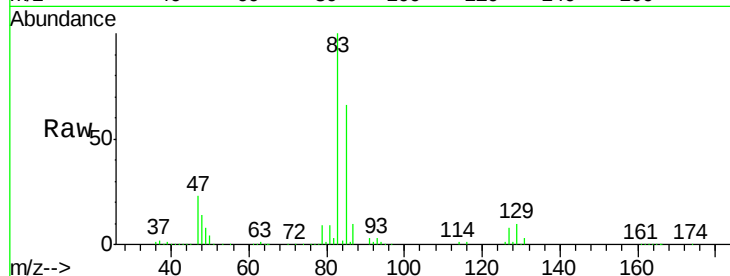
Tgt Ion: 83 Resp: 914187

Ion Ratio Lower Upper

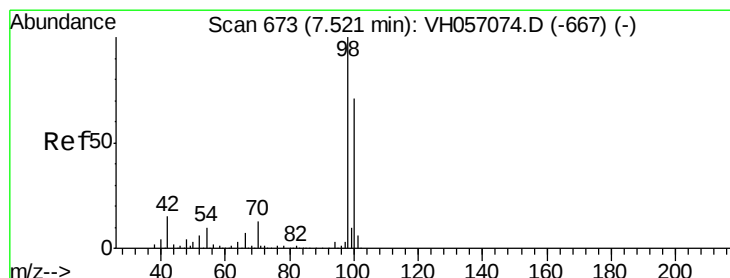
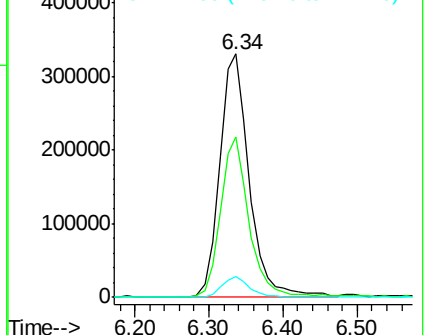
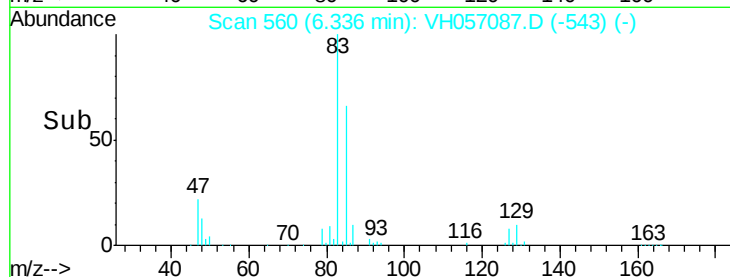
83 100

85 66.1 52.6 78.8

127 8.4 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VH057087.D (-543) (-)



#48

Toluene-d8

Concen: 48.10 ug/l

RT: 7.50 min Scan# 670

Delta R.T. -0.02 min

Lab File: VH057087.D

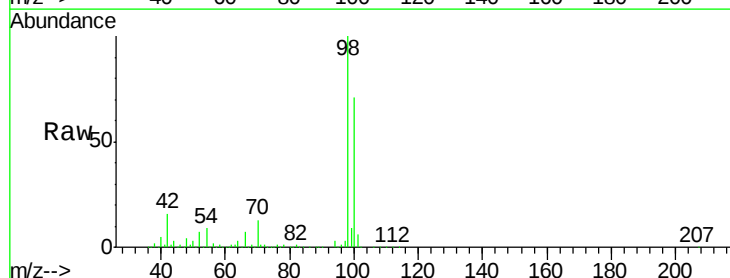
Acq: 21 Sep 2015 11:07

Tgt Ion: 98 Resp: 1769024

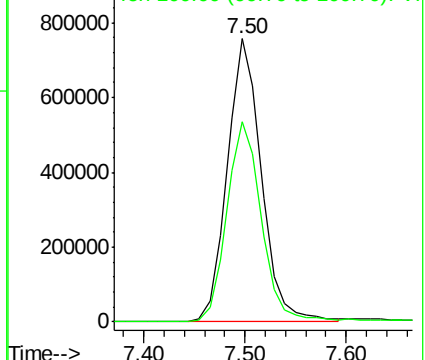
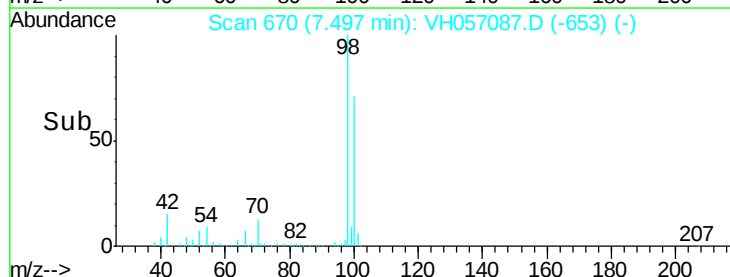
Ion Ratio Lower Upper

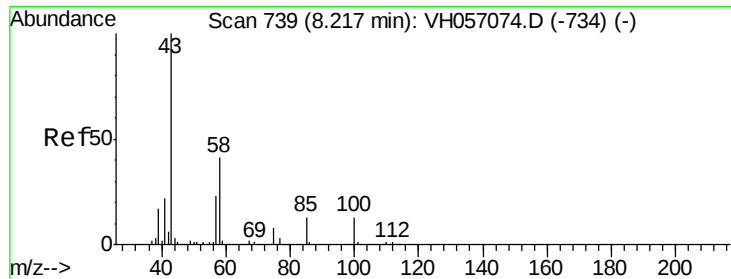
98 100

100 70.9 56.7 85.1



Abundance Ion 98.00 (97.70 to 98.70): VH057087.D (-653) (-)

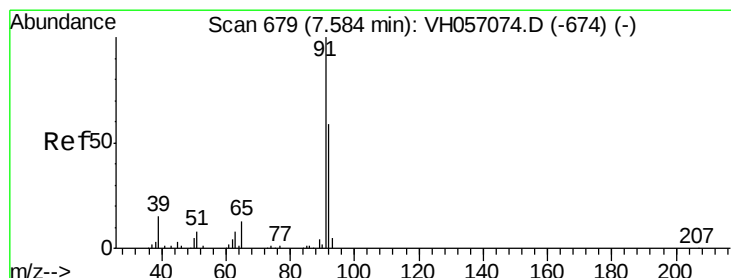
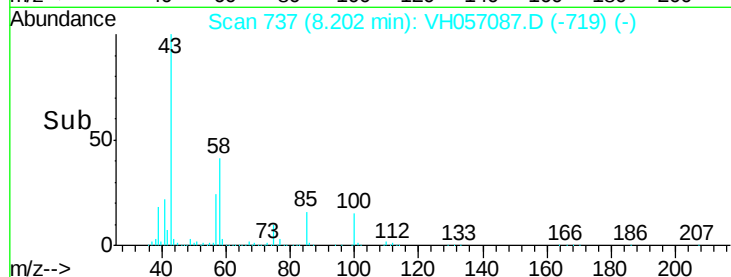
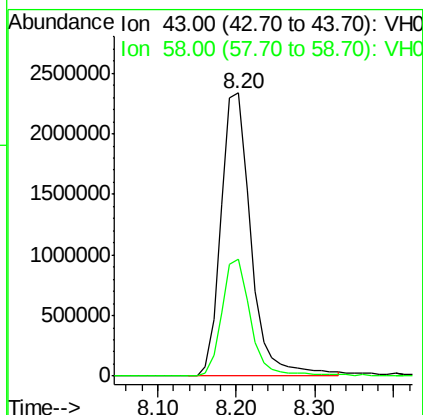
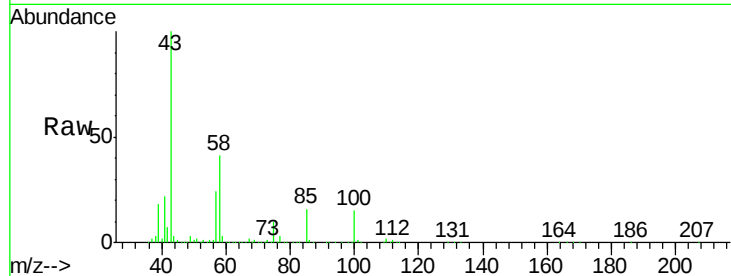




#49
 4-Methyl-2-Pentanone
 Concen: 233.25 ug/l
 RT: 8.20 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

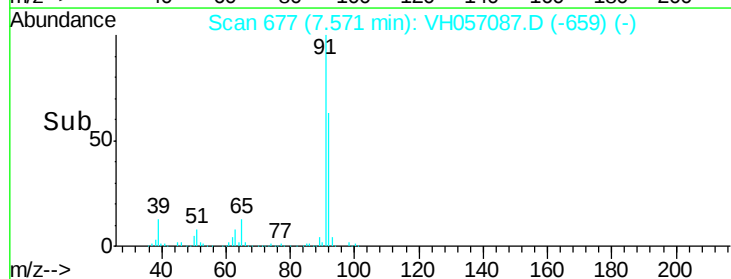
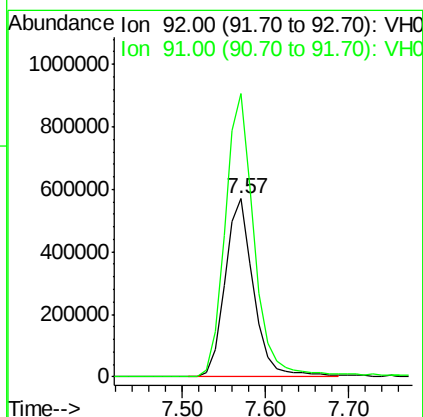
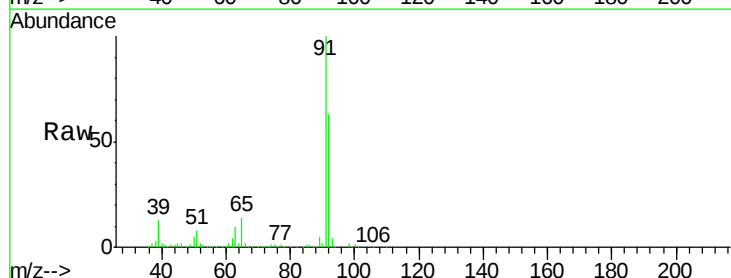
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

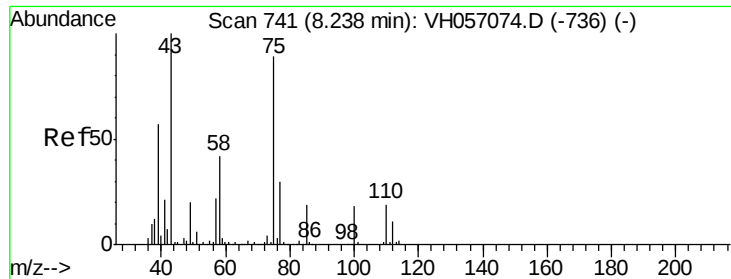
Tgt Ion: 43 Resp: 6113610
 Ion Ratio Lower Upper
 43 100
 58 41.4 20.0 60.0



#50
 Toluene
 Concen: 50.88 ug/l
 RT: 7.57 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

Tgt Ion: 92 Resp: 1369366
 Ion Ratio Lower Upper
 92 100
 91 158.9 125.8 188.6





#51

t-1,3-Dichloropropene

Concen: 51.77 ug/l

RT: 8.22 min Scan# 739

Delta R.T. -0.01 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

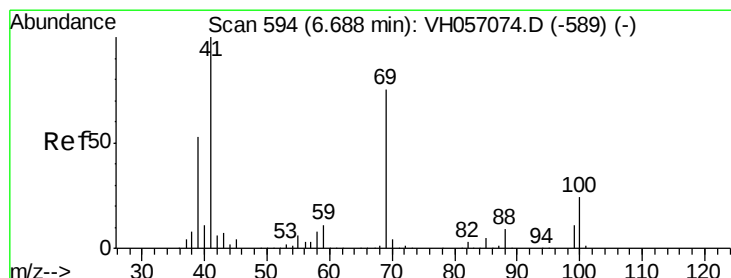
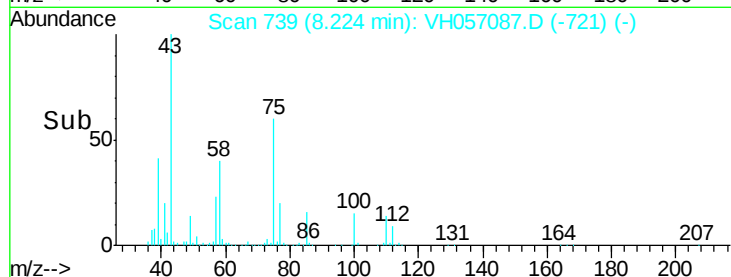
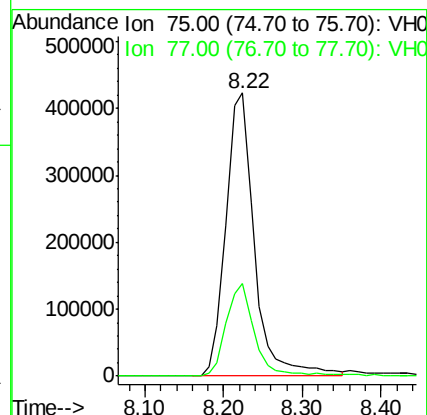
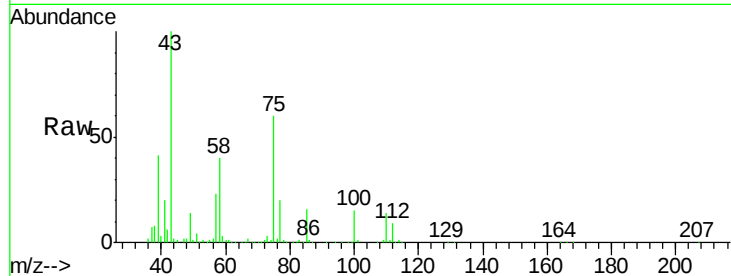
VSTDCCC050

Tgt Ion: 75 Resp: 1053710

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.2



#52

Methyl Methacrylate

Concen: 52.48 ug/l

RT: 6.67 min Scan# 592

Delta R.T. -0.01 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

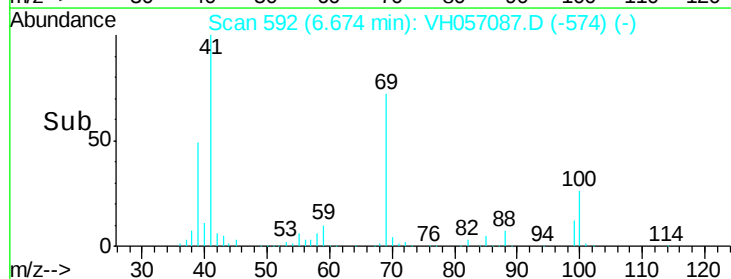
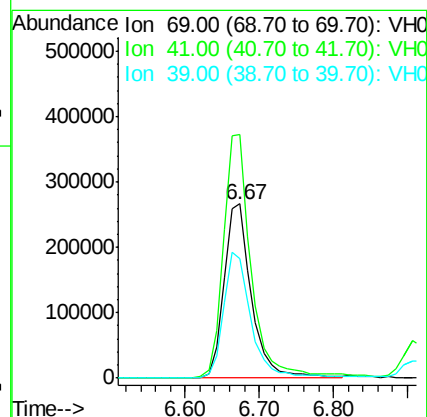
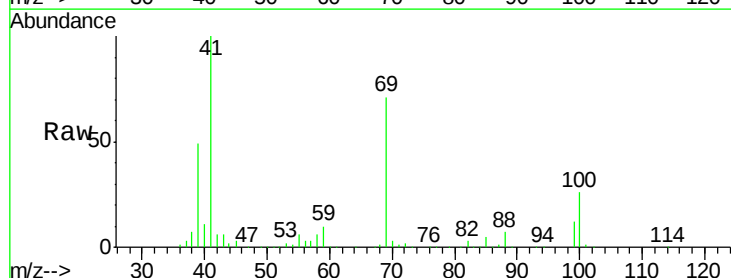
Tgt Ion: 69 Resp: 692184

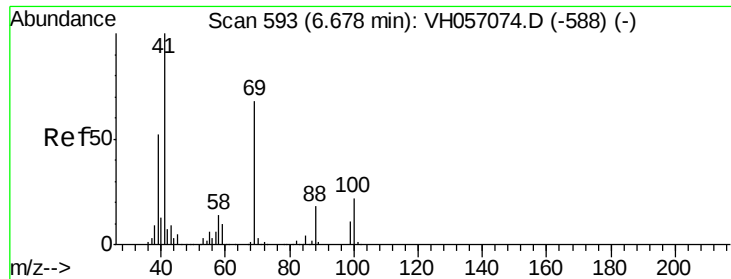
Ion Ratio Lower Upper

69 100

41 139.9 70.0 209.8

39 68.8 37.5 112.5





#53

1,4-Dioxane

Concen: 977.89 ug/l

RT: 6.65 min Scan# 590

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

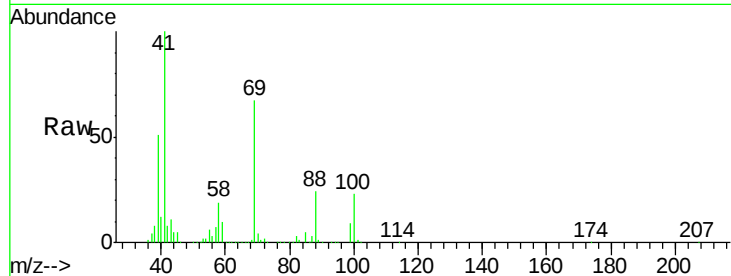
Tgt Ion: 88 Resp: 151262

Ion Ratio Lower Upper

88 100

43 43.9 39.6 59.4

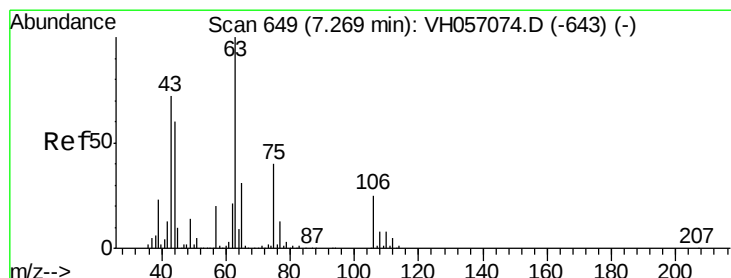
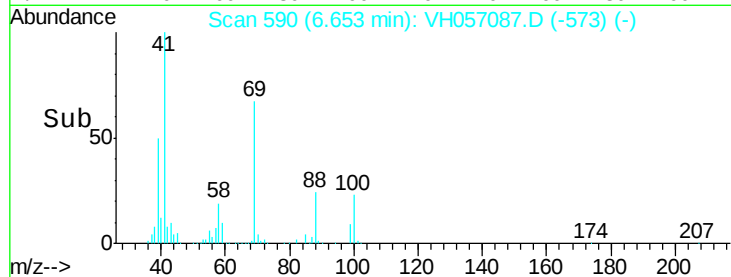
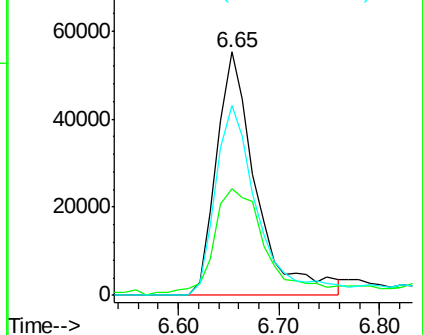
58 77.9 61.4 92.2



Abundance Ion 88.00 (87.70 to 88.70): VH057087.D (-573) (-)

Ion 43.00 (42.70 to 43.70): VH057087.D (-573) (-)

Ion 58.00 (57.70 to 58.70): VH057087.D (-573) (-)



#54

cis-1,3-Dichloropropene

Concen: 51.08 ug/l

RT: 7.24 min Scan# 646

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

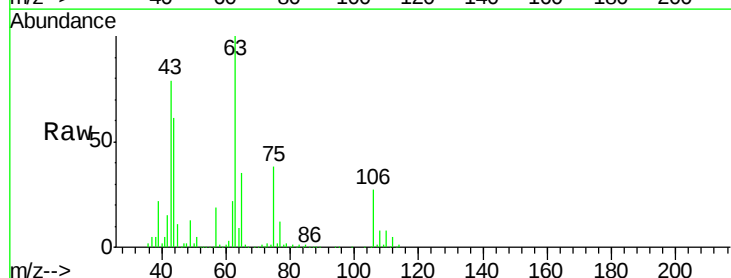
Tgt Ion: 75 Resp: 1103922

Ion Ratio Lower Upper

75 100

77 30.4 25.2 37.8

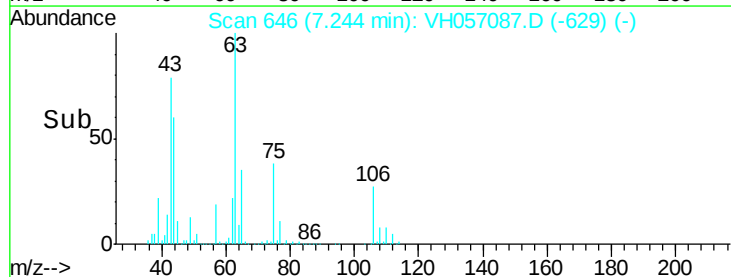
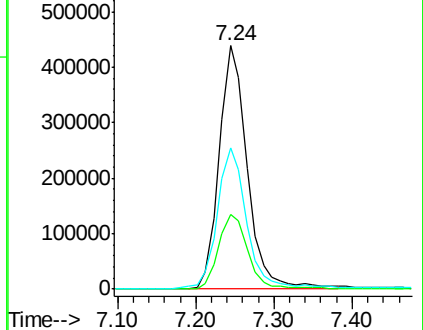
39 58.2 50.7 76.1

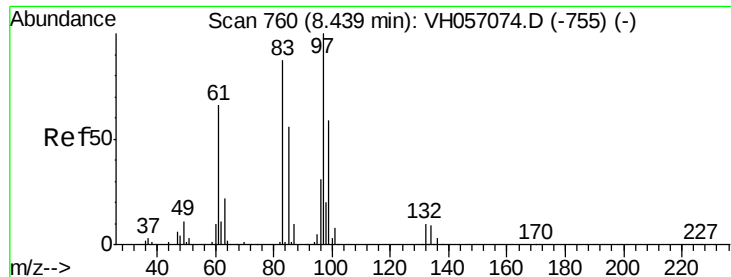


Abundance Ion 75.00 (74.70 to 75.70): VH057087.D (-629) (-)

Ion 77.00 (76.70 to 77.70): VH057087.D (-629) (-)

Ion 39.00 (38.70 to 39.70): VH057087.D (-629) (-)





#55

1,1,2-Trichloroethane

Concen: 50.78 ug/l

RT: 8.42 min Scan# 758

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 580242

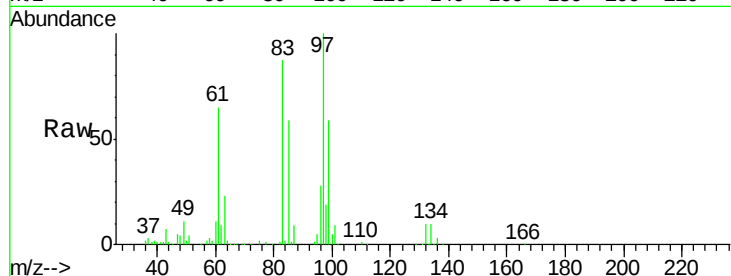
Ion Ratio Lower Upper

97 100

83 87.3 72.7 109.1

85 58.8 45.5 68.3

99 58.9 46.2 69.2

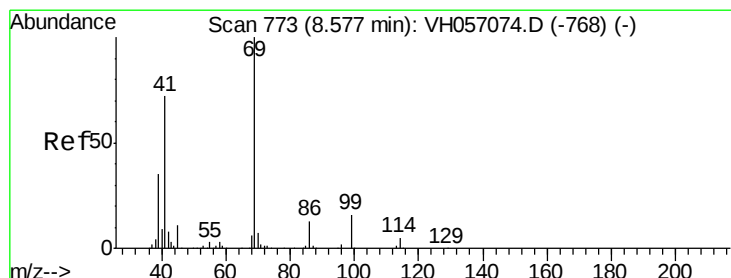
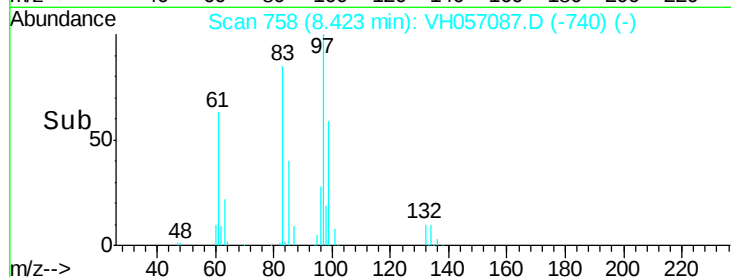
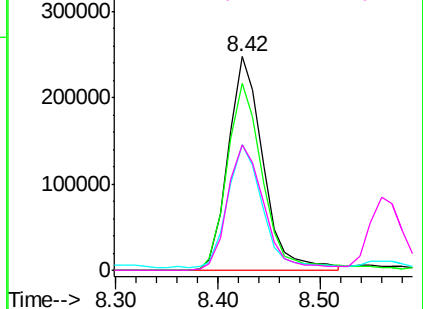


Abundance Ion 97.00 (96.70 to 97.70): VH0

Ion 82.95 (82.65 to 83.65): VH0

Ion 84.95 (84.65 to 85.65): VH0

Ion 98.95 (98.65 to 99.65): VH0



#56

Ethyl Methacrylate

Concen: 52.54 ug/l

RT: 8.56 min Scan# 771

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

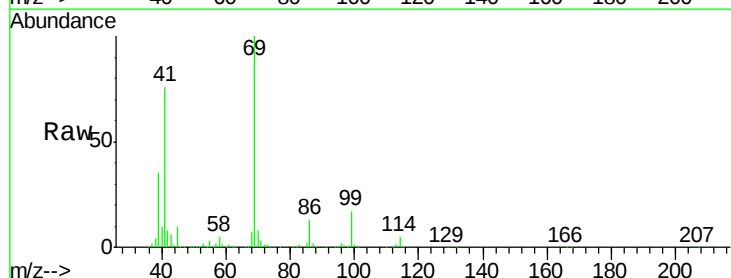
Tgt Ion: 69 Resp: 1185550

Ion Ratio Lower Upper

69 100

41 75.7 39.1 117.3

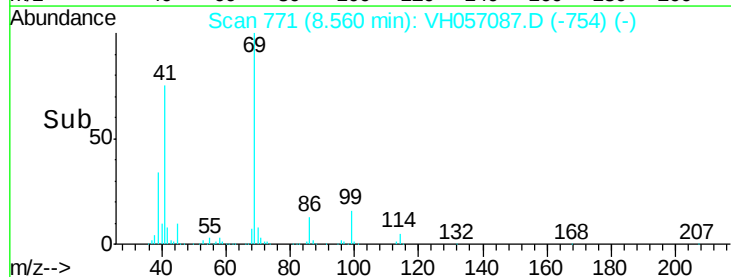
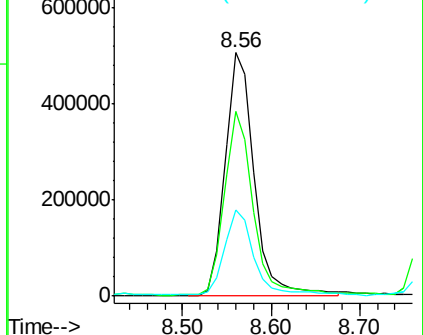
39 35.3 19.2 57.6

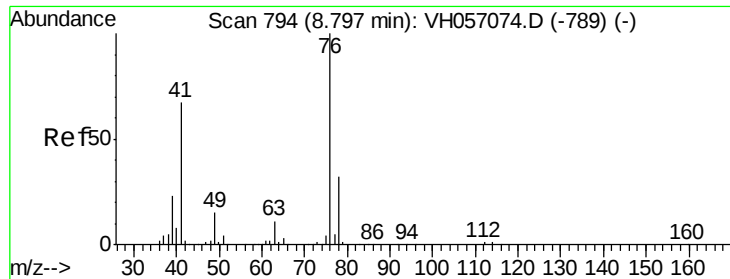


Abundance Ion 69.00 (68.70 to 69.70): VH0

Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0





#57

1,3-Dichloropropane

Concen: 49.93 ug/l

RT: 8.78 min Scan# 792

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampled :

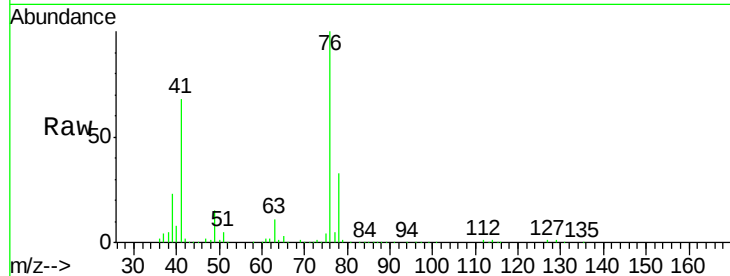
VSTDCCC050

Tgt Ion: 76 Resp: 1160236

Ion Ratio Lower Upper

76 100

78 33.0 25.7 38.5



Abundance Ion 76.00 (75.70 to 76.70): VH0

Ion 78.00 (77.70 to 78.70): VH0

8.78

500000

400000

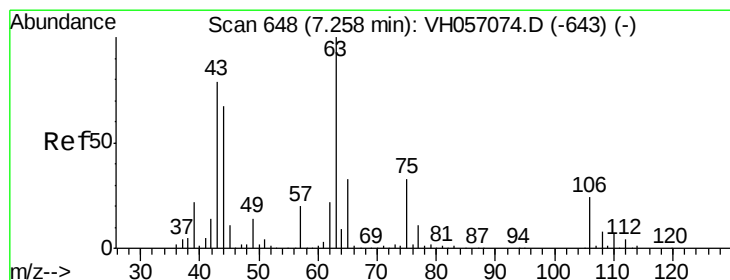
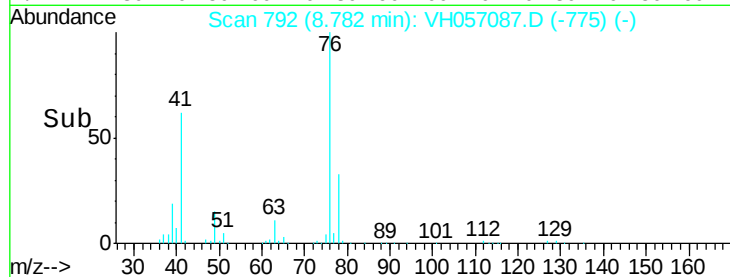
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 266.57 ug/l

RT: 7.24 min Scan# 646

Delta R.T. -0.01 min

Lab File: VH057087.D

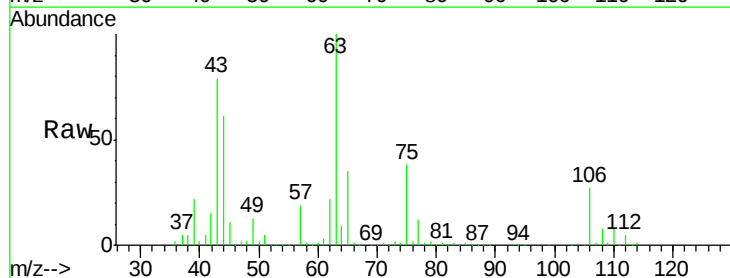
Acq: 21 Sep 2015 11:07

Tgt Ion: 63 Resp: 2974146

Ion Ratio Lower Upper

63 100

106 27.0 18.0 27.0#



Abundance Ion 63.00 (62.70 to 63.70): VH0

Ion 106.00 (105.70 to 106.70): V

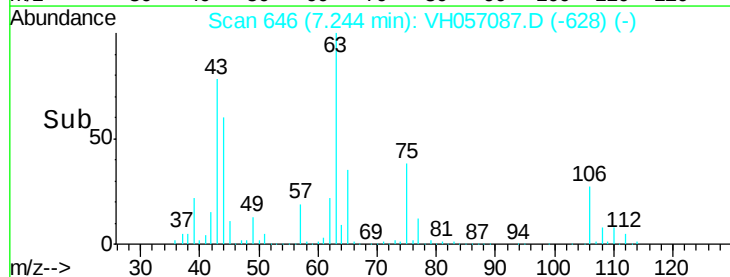
7.24

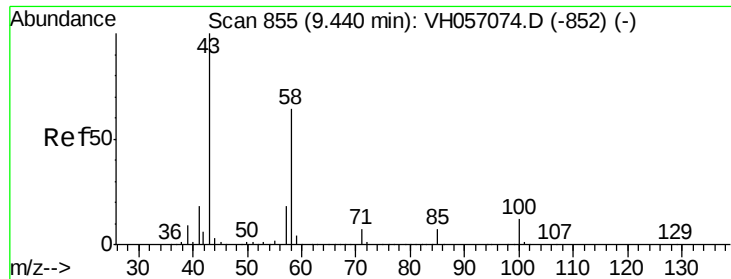
1000000

500000

0

Time-->

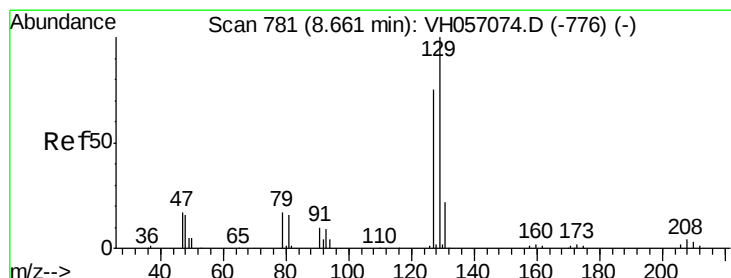
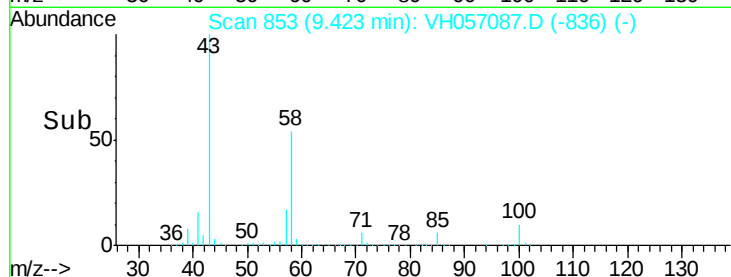
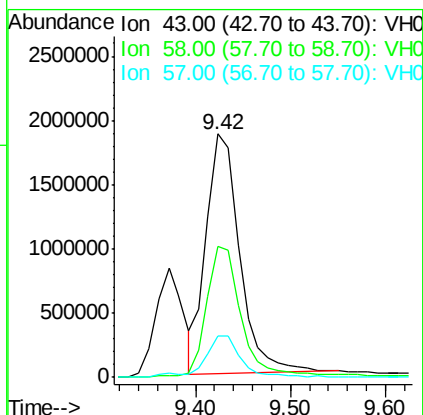
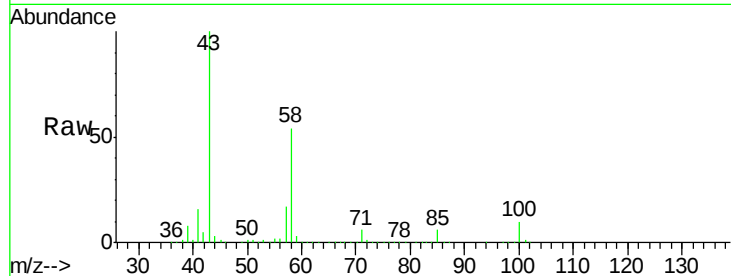




#59
2-Hexanone
Concen: 223.56 ug/l
RT: 9.42 min Scan# 853
Delta R.T. -0.02 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

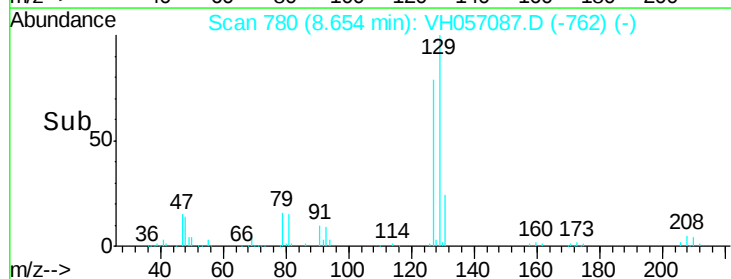
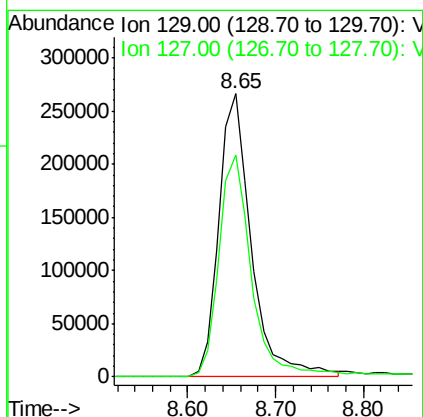
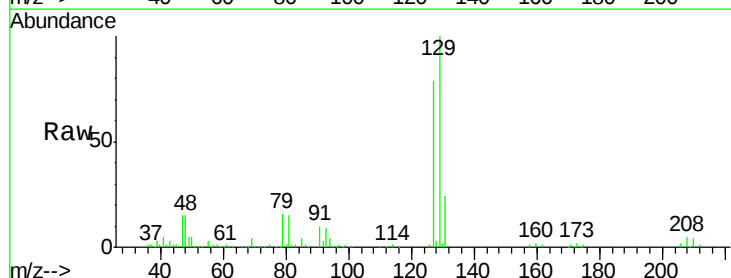
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

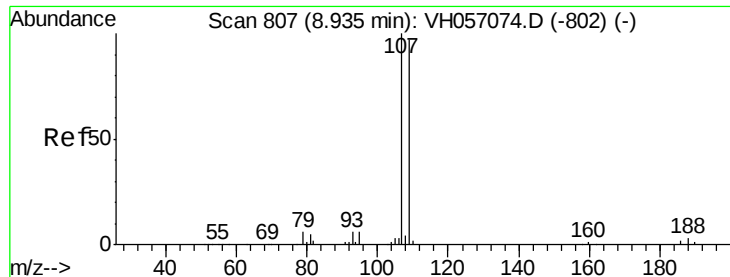
Tgt Ion: 43 Resp: 4578456
Ion Ratio Lower Upper
43 100
58 53.6 27.1 81.2
57 17.0 8.1 24.3



#60
Dibromochloromethane
Concen: 52.11 ug/l
RT: 8.65 min Scan# 780
Delta R.T. -0.01 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Tgt Ion: 129 Resp: 675056
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.04 ug/l

RT: 8.92 min Scan# 805

Delta R.T. -0.02 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

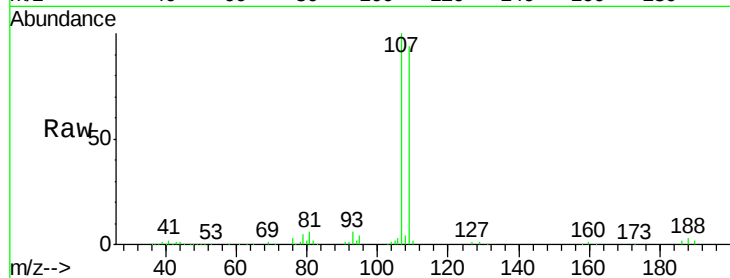
VSTDCCC050

Tgt Ion: 107 Resp: 710452

Ion Ratio Lower Upper

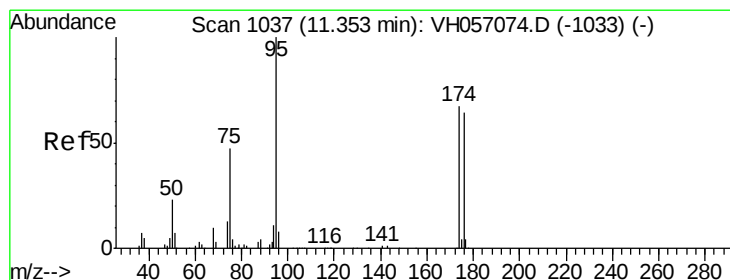
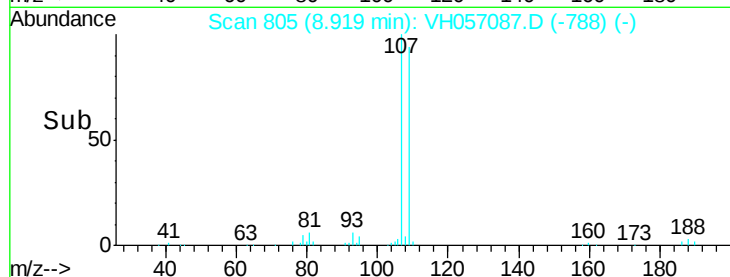
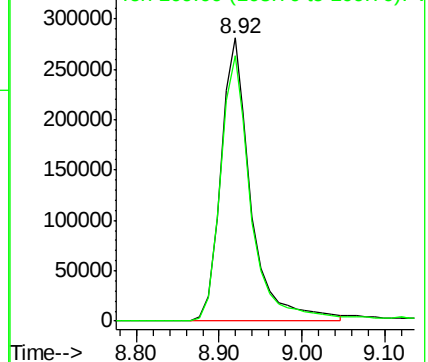
107 100

109 93.9 77.7 116.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 49.04 ug/l

RT: 11.35 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

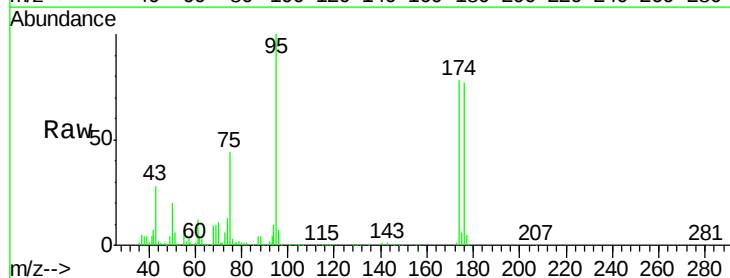
Tgt Ion: 95 Resp: 608238

Ion Ratio Lower Upper

95 100

174 78.0 58.4 87.6

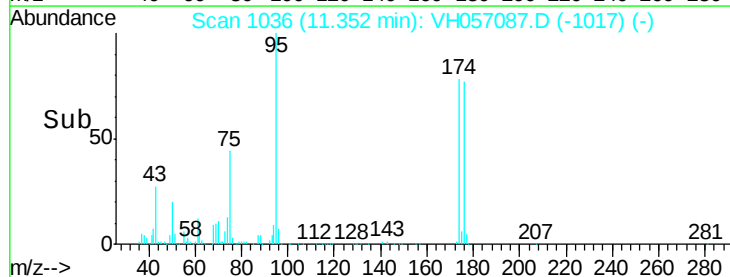
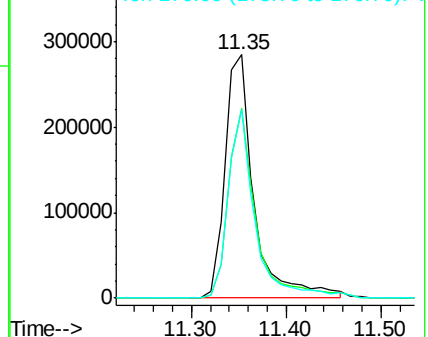
176 77.3 54.3 81.5

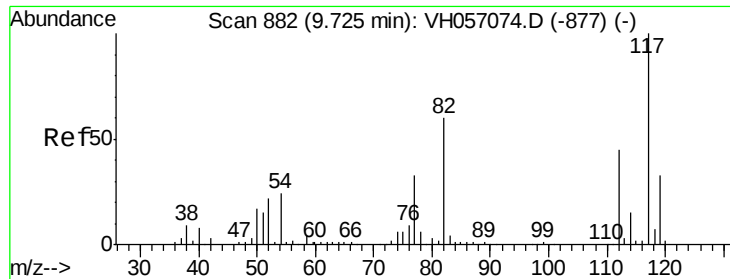


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

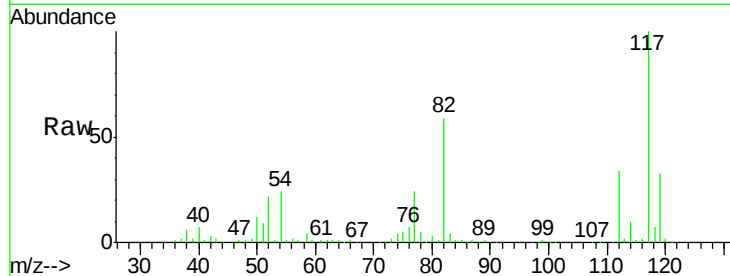




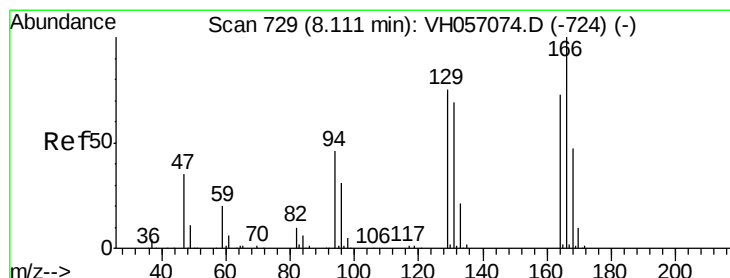
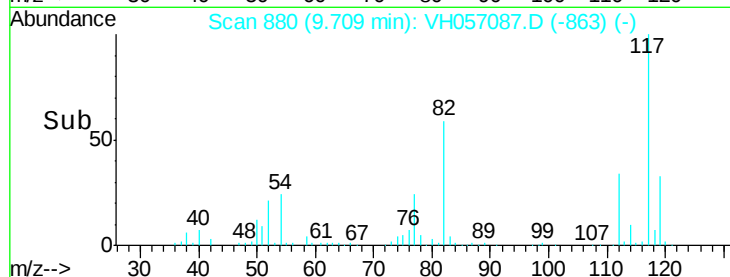
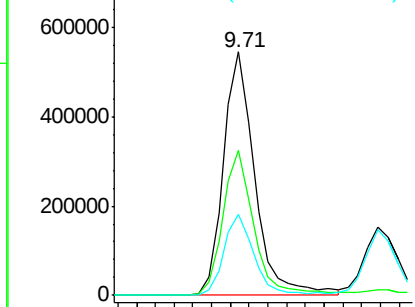
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.71 min Scan# 880
Delta R.T. -0.02 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 1271692
Ion Ratio Lower Upper
117 100
82 59.4 51.0 76.6
119 33.3 26.7 40.1

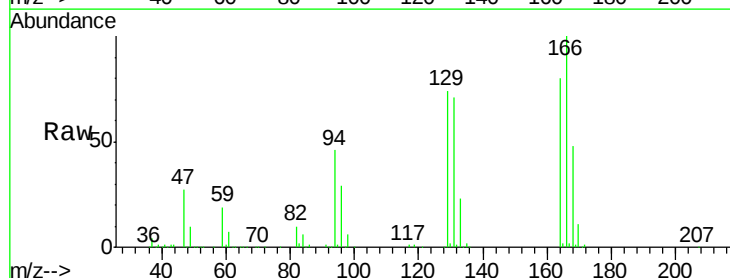


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

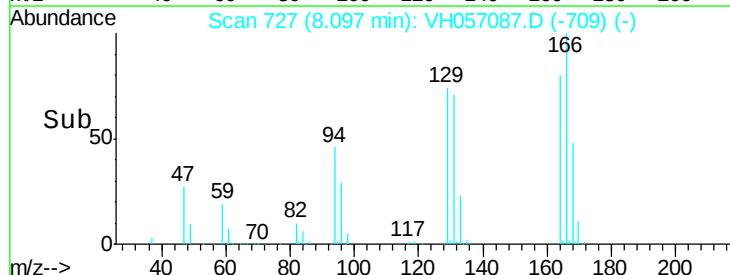
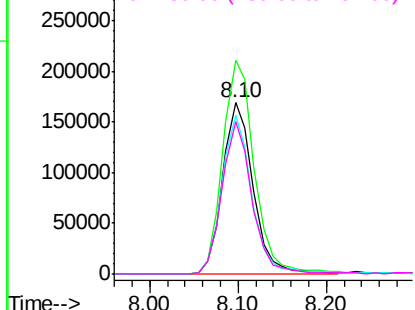


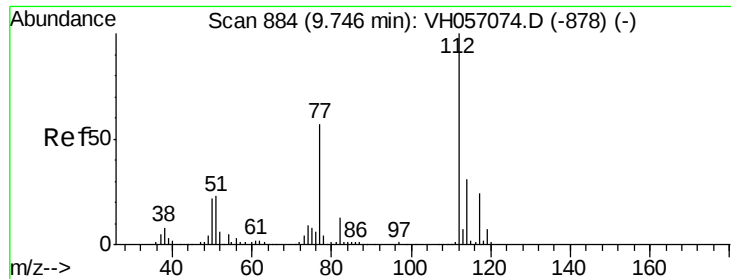
#64
Tetrachloroethene
Concen: 56.35 ug/l
RT: 8.10 min Scan# 727
Delta R.T. -0.01 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Tgt Ion:164 Resp: 406069
Ion Ratio Lower Upper
164 100
166 124.9 103.2 154.8
129 92.7 73.4 110.0
131 89.0 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

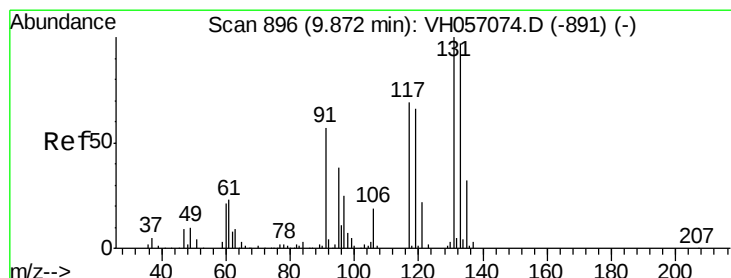
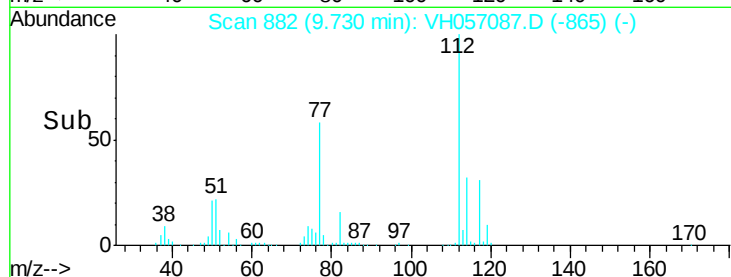
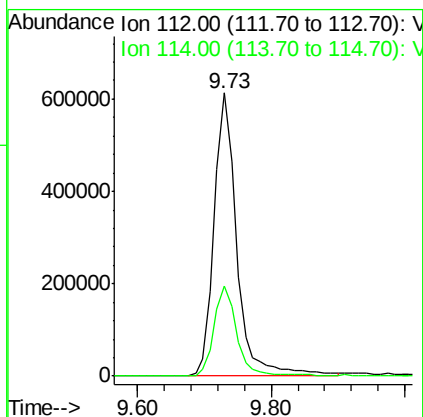
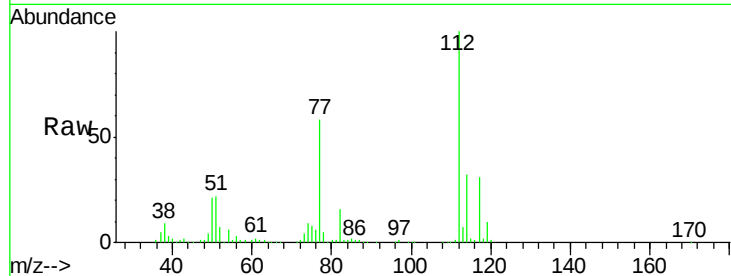




#65
Chlorobenzene
Concen: 52.07 ug/l
RT: 9.73 min Scan# 882
Delta R.T. -0.02 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

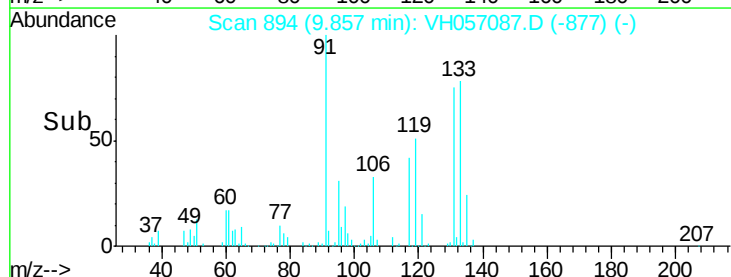
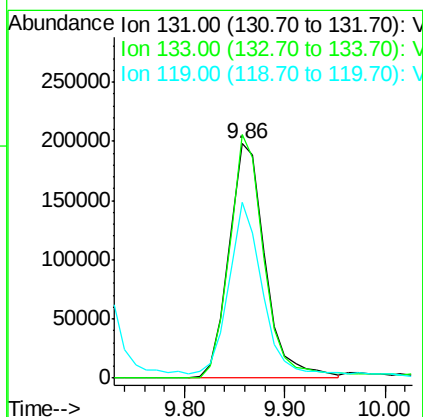
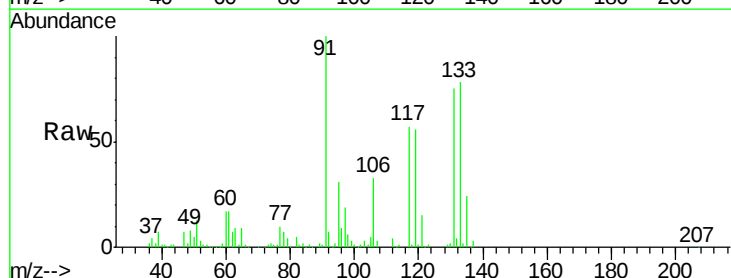
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

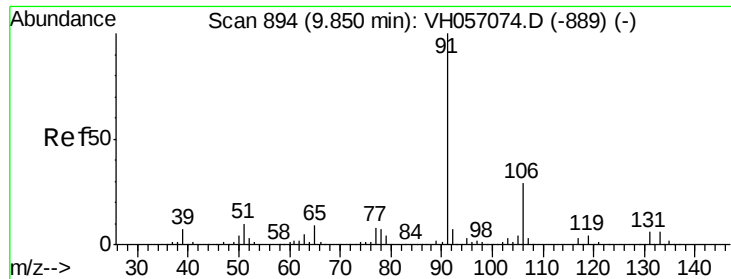
Tgt Ion:112 Resp: 1440834
Ion Ratio Lower Upper
112 100
114 32.0 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.14 ug/l
RT: 9.86 min Scan# 894
Delta R.T. -0.01 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Tgt Ion:131 Resp: 497876
Ion Ratio Lower Upper
131 100
133 103.8 51.1 153.3
119 74.8 36.3 108.9

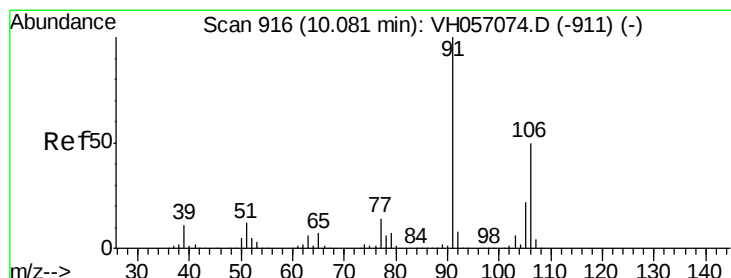
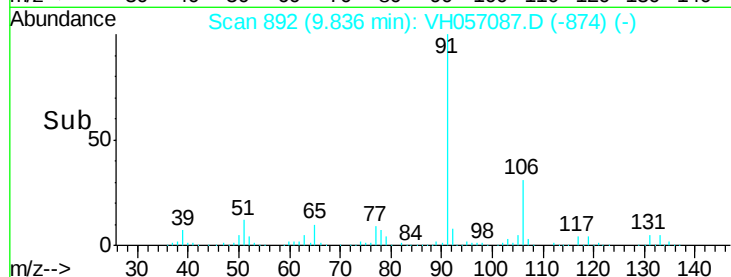
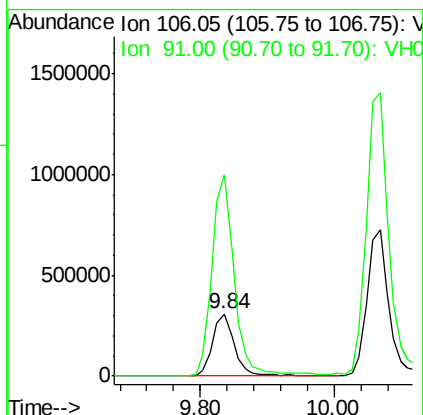
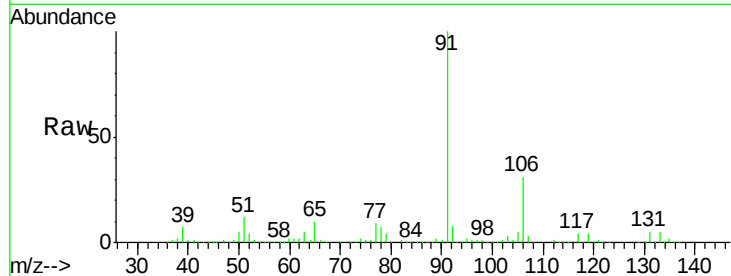




#67
Ethyl Benzene
Concen: 53.31 ug/l
RT: 9.84 min Scan# 892
Delta R.T. -0.01 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

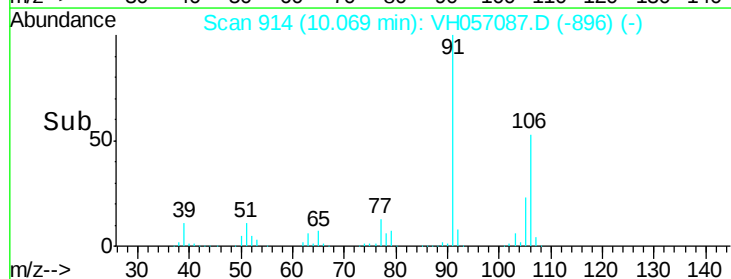
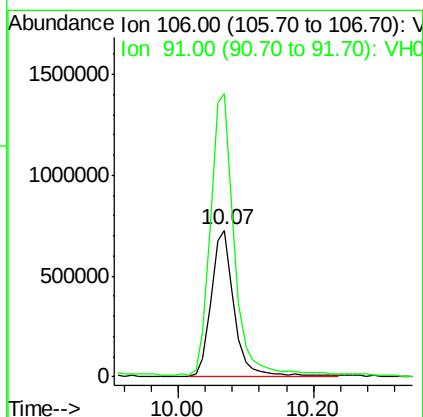
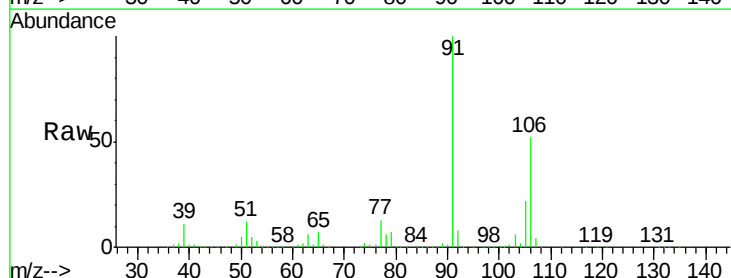
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

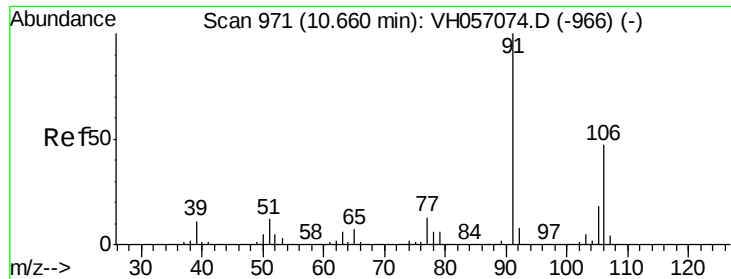
Tgt Ion:106 Resp: 706057
Ion Ratio Lower Upper
106 100
91 324.9 264.9 397.3



#68
m/p-Xylenes
Concen: 104.47 ug/l
RT: 10.07 min Scan# 914
Delta R.T. -0.01 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Tgt Ion:106 Resp: 1683173
Ion Ratio Lower Upper
106 100
91 193.1 164.4 246.6

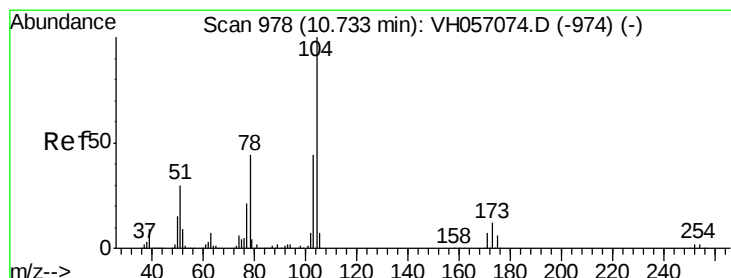
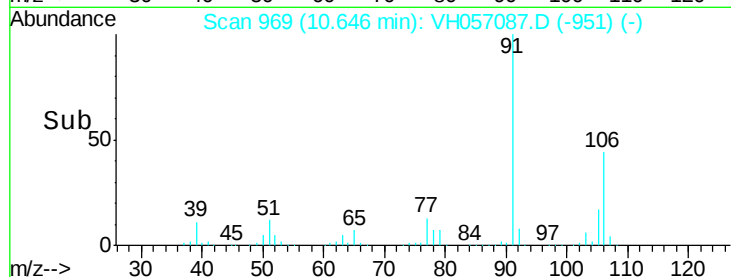
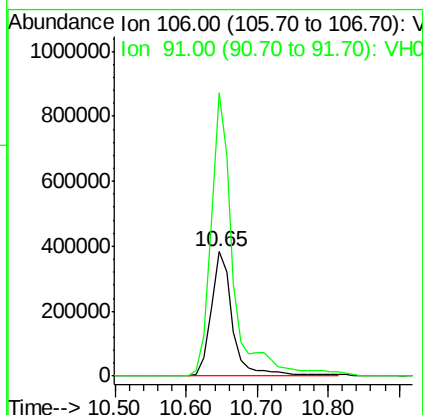
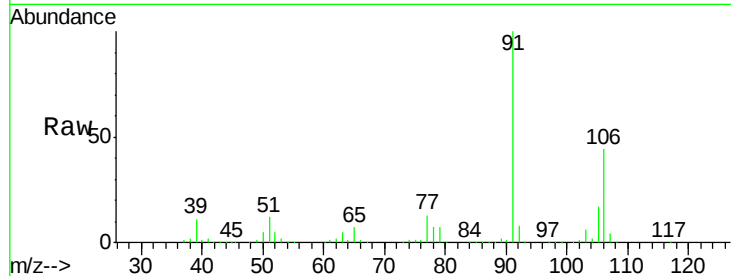




#69
o-Xylene
Concen: 52.46 ug/l
RT: 10.65 min Scan# 969
Delta R.T. -0.01 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

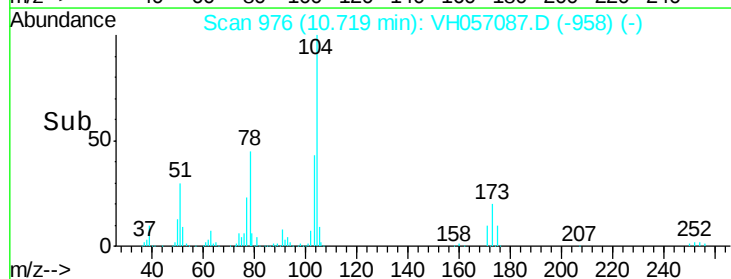
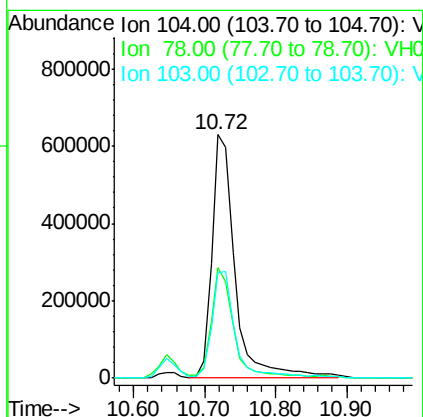
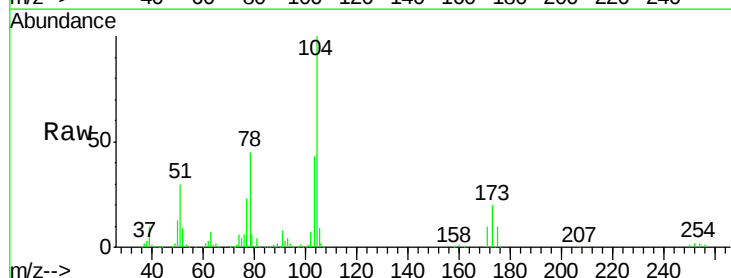
Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

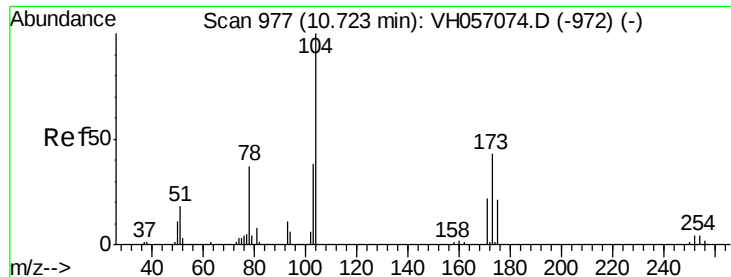
Tgt Ion:106 Resp: 811647
Ion Ratio Lower Upper
106 100
91 227.2 104.2 312.6



#70
Styrene
Concen: 53.72 ug/l
RT: 10.72 min Scan# 976
Delta R.T. -0.01 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Tgt Ion:104 Resp: 1451519
Ion Ratio Lower Upper
104 100
78 45.5 35.2 52.8
103 43.2 35.8 53.6





#71

Bromoform

Concen: 57.48 ug/l

RT: 10.71 min Scan# 975

Delta R.T. -0.01 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

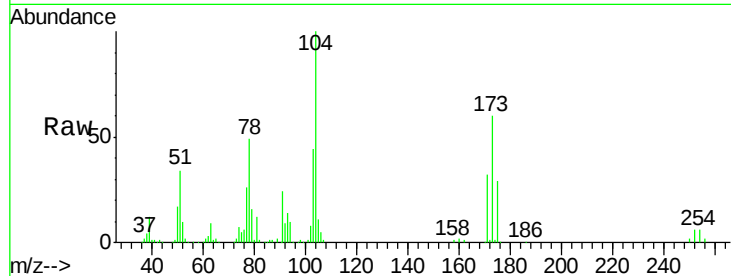
Tgt Ion:173 Resp: 469581

Ion Ratio Lower Upper

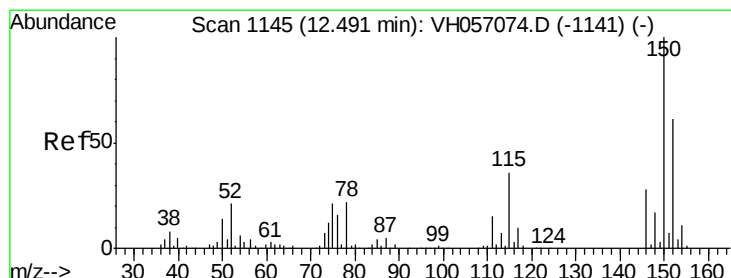
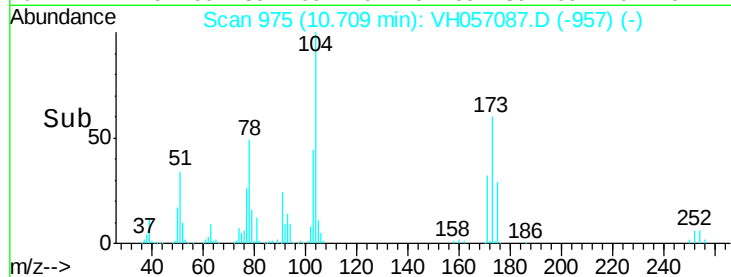
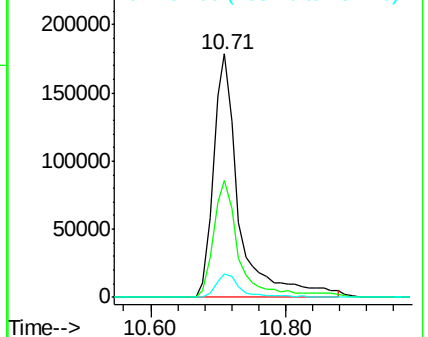
173 100

175 48.1 23.3 69.9

254 9.7 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: 12.48 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

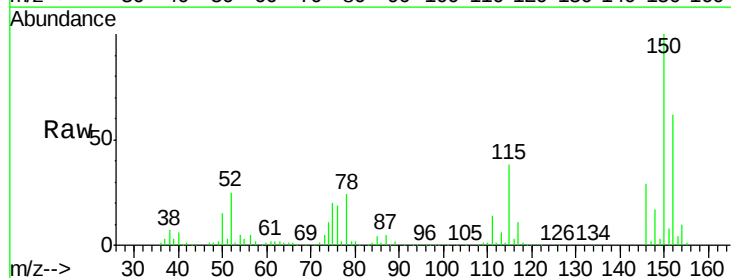
Tgt Ion:152 Resp: 384162

Ion Ratio Lower Upper

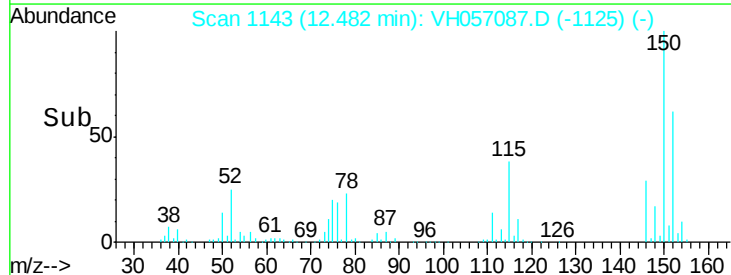
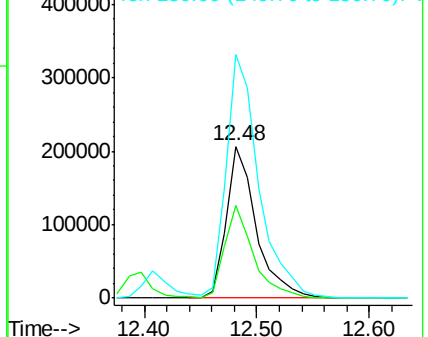
152 100

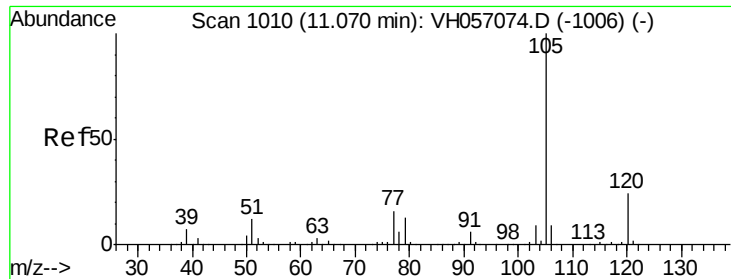
115 60.6 28.2 84.6

150 160.2 0.0 332.0



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 48.85 ug/l

RT: 11.07 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

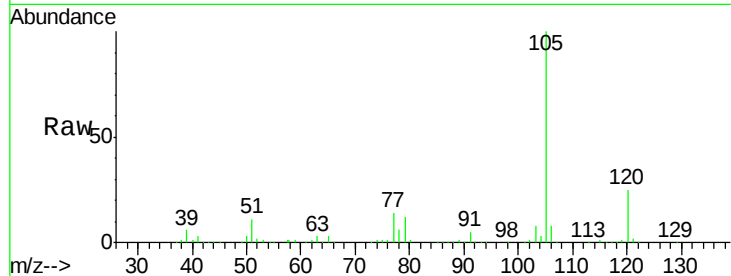
VSTDCCC050

Tgt Ion:105 Resp: 1713896

Ion Ratio Lower Upper

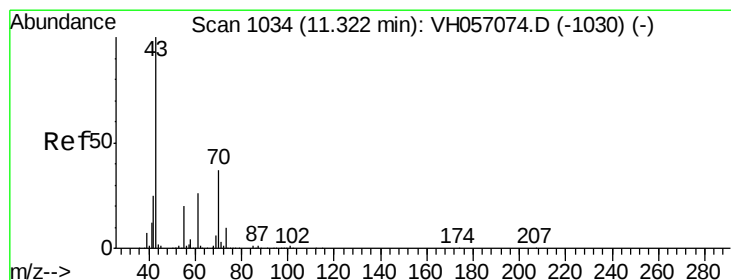
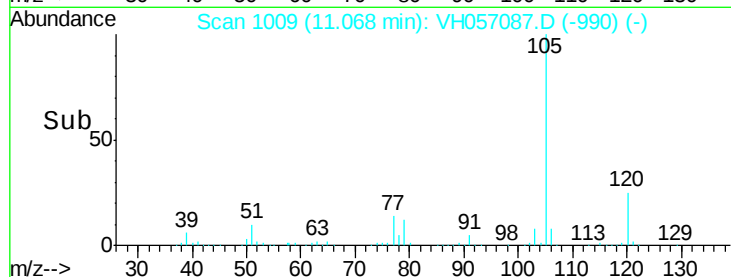
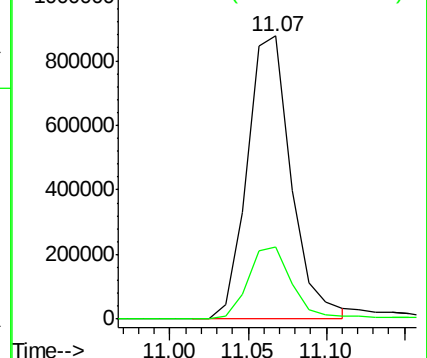
105 100

120 25.4 12.2 36.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

n-Amyl Acetate

Concen: 46.23 ug/l

RT: 11.31 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Tgt Ion: 43 Resp: 1723609

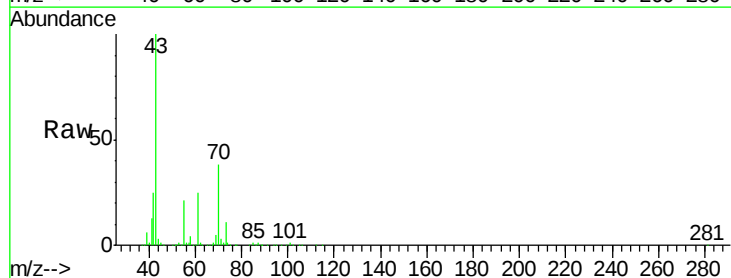
Ion Ratio Lower Upper

43 100

70 38.3 27.3 40.9

55 21.1 15.3 22.9

61 25.3 19.4 29.0

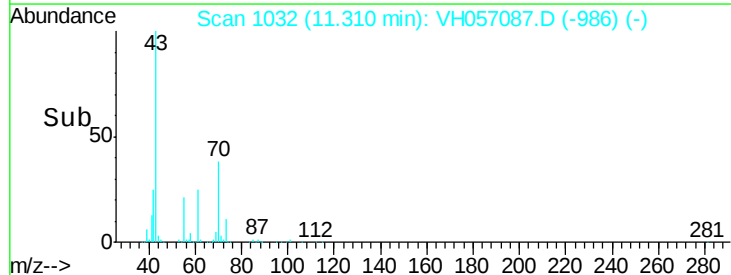
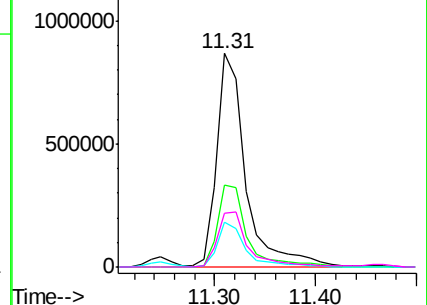


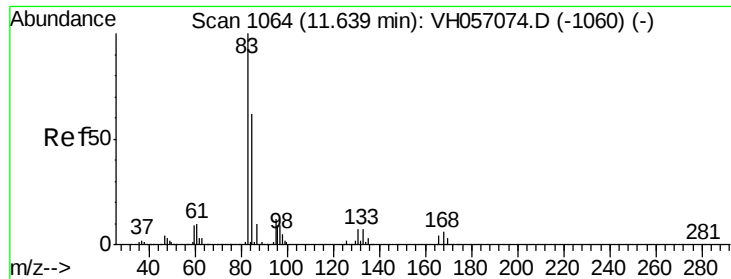
Abundance Ion 43.05 (42.75 to 43.75): V

Ion 70.05 (69.75 to 70.75): V

Ion 55.05 (54.75 to 55.75): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.58 ug/l

RT: 11.64 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

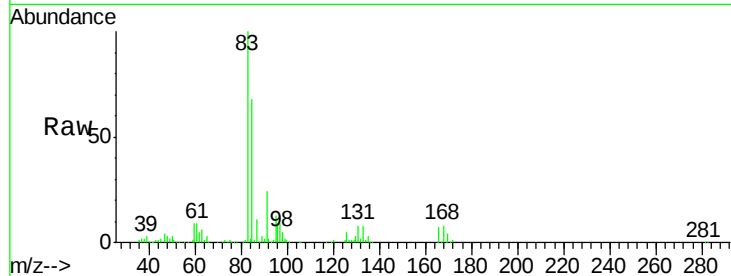
Tgt Ion: 83 Resp: 856698

Ion Ratio Lower Upper

83 100

131 8.1 3.1 9.3

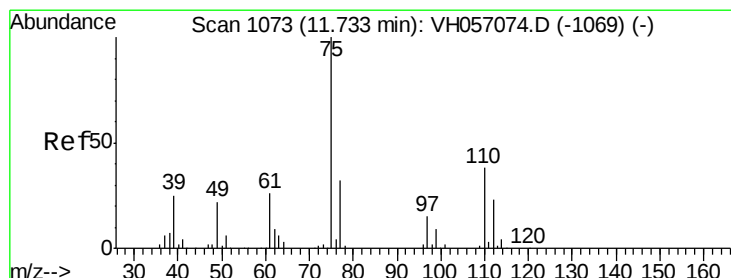
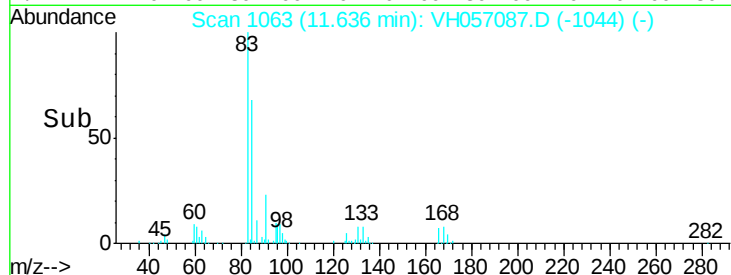
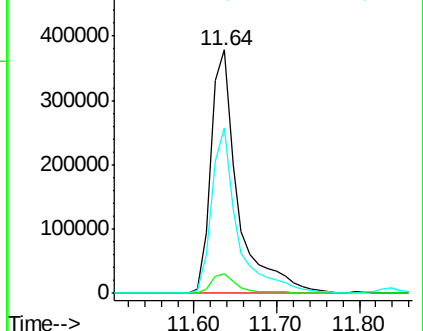
85 68.2 32.3 96.8



Abundance Ion 83.00 (82.70 to 83.70): VH0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VH0



#76

1,2,3-Trichloropropane

Concen: 46.71 ug/l

RT: 11.73 min Scan# 1072

Delta R.T. -0.00 min

Lab File: VH057087.D

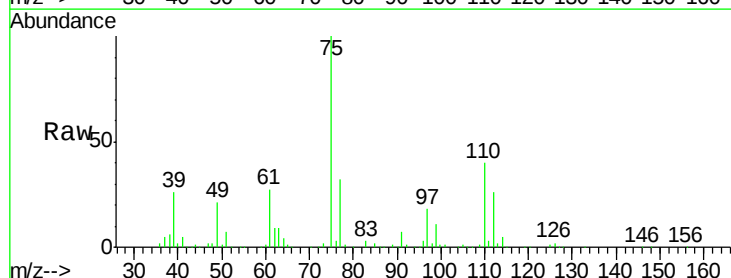
Acq: 21 Sep 2015 11:07

Tgt Ion: 75 Resp: 674135

Ion Ratio Lower Upper

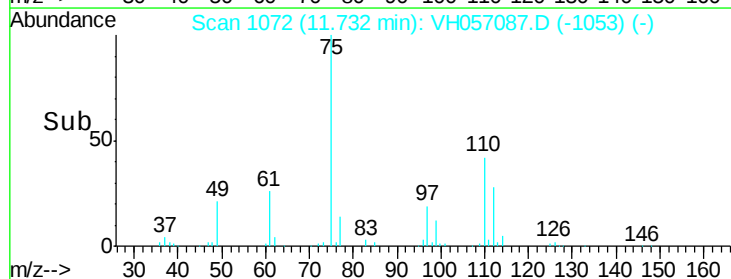
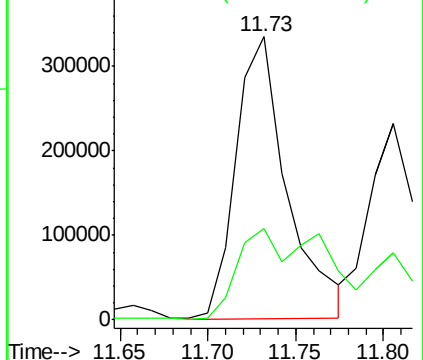
75 100

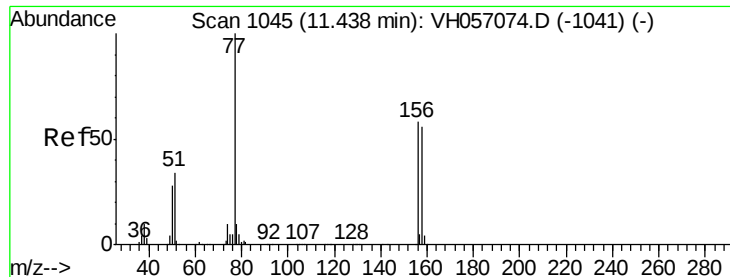
77 32.1 14.9 44.9



Abundance Ion 75.00 (74.70 to 75.70): VH0

Ion 77.00 (76.70 to 77.70): VH0





#77

Bromobenzene

Concen: 53.49 ug/l

RT: 11.44 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

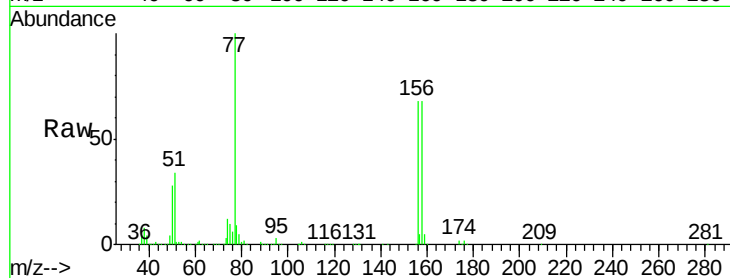
Tgt Ion:156 Resp: 534115

Ion Ratio Lower Upper

156 100

77 148.1 73.5 220.5

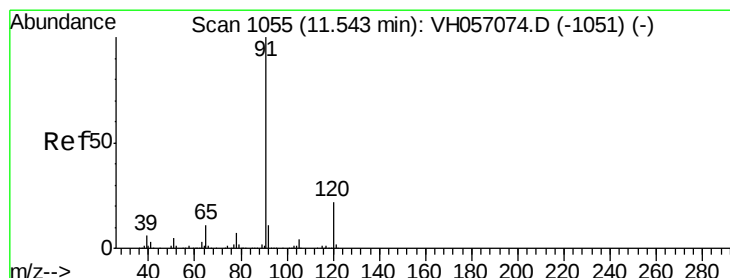
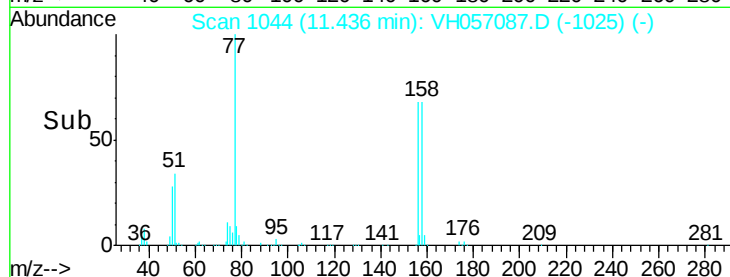
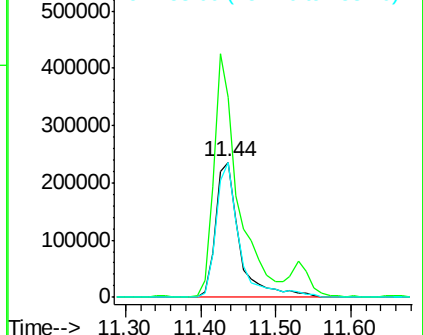
158 100.0 46.8 140.3



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: 50.38 ug/l

RT: 11.53 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VH057087.D

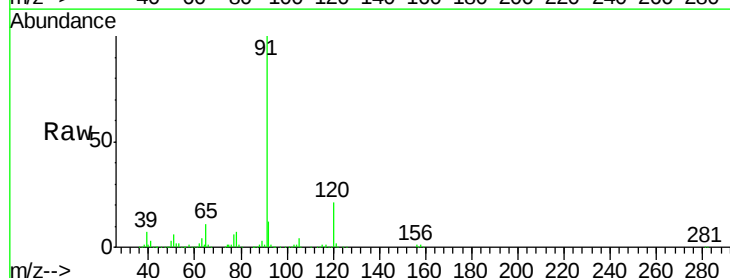
Acq: 21 Sep 2015 11:07

Tgt Ion: 91 Resp: 1889913

Ion Ratio Lower Upper

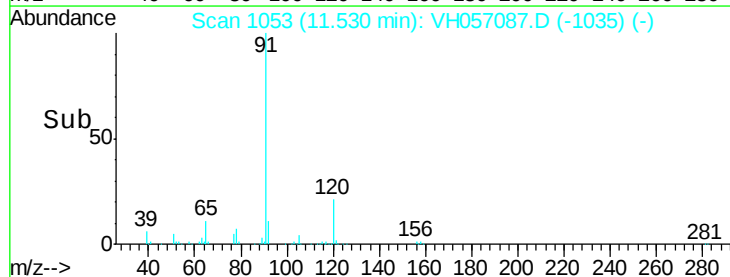
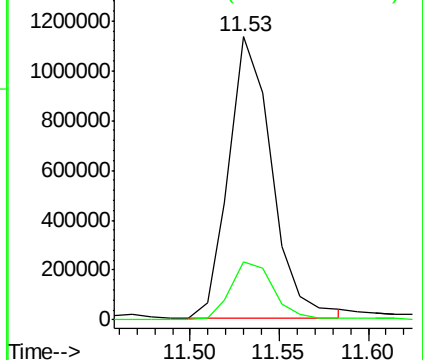
91 100

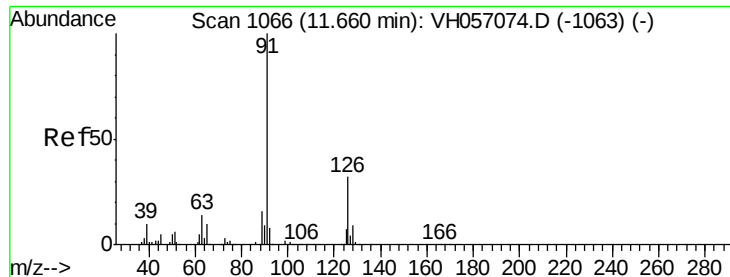
120 20.6 10.2 30.6



Abundance Ion 91.00 (90.70 to 91.70): VH0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.05 ug/l

RT: 11.66 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

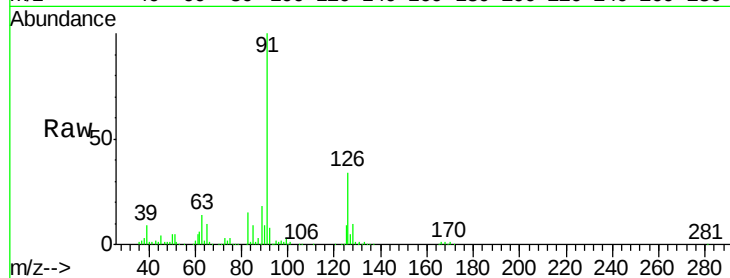
VSTDCCC050

Tgt Ion: 91 Resp: 1087280

Ion Ratio Lower Upper

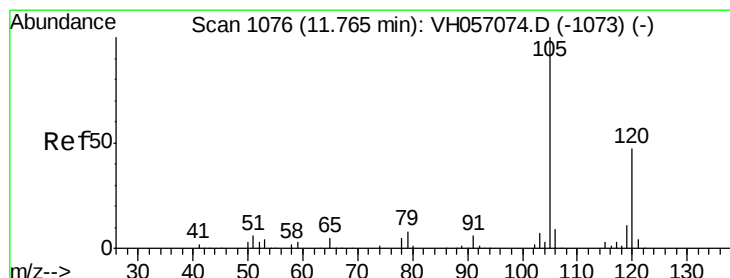
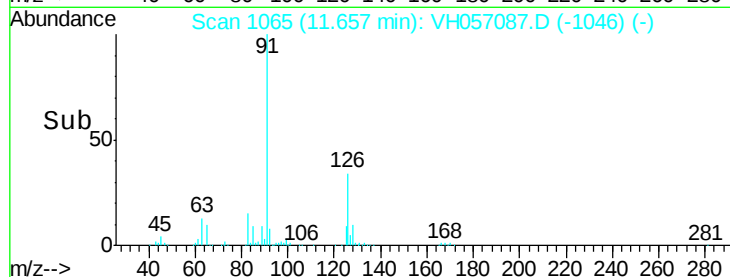
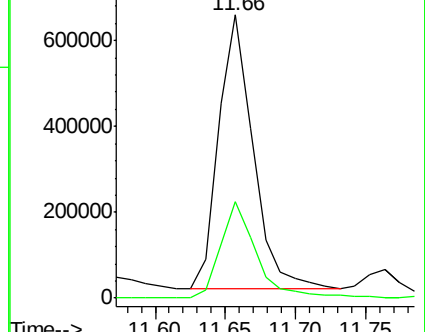
91 100

126 34.0 16.3 48.9



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

Ion 126.00 (125.70 to 126.70): VH057074.D (-1063) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.45 ug/l

RT: 11.76 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VH057087.D

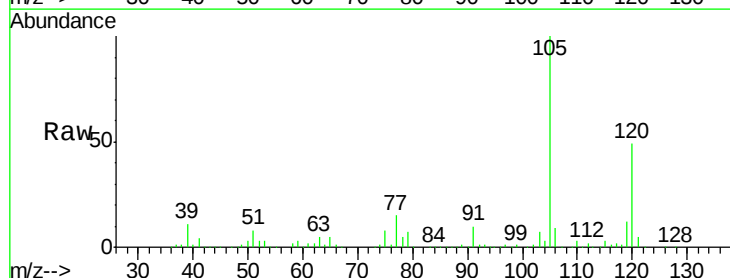
Acq: 21 Sep 2015 11:07

Tgt Ion: 105 Resp: 1110799

Ion Ratio Lower Upper

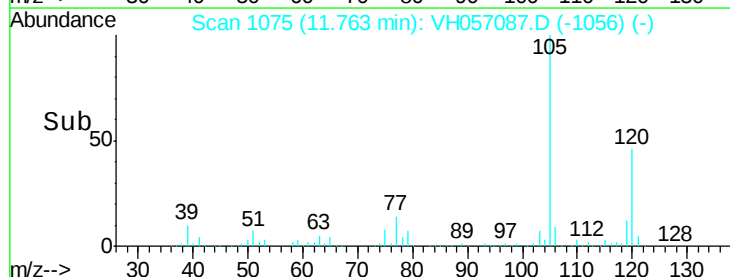
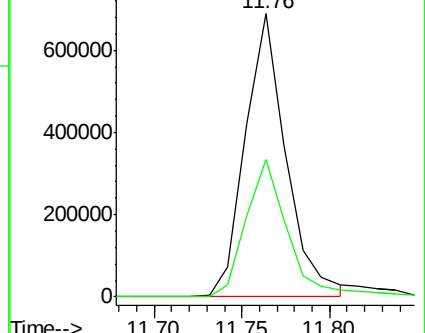
105 100

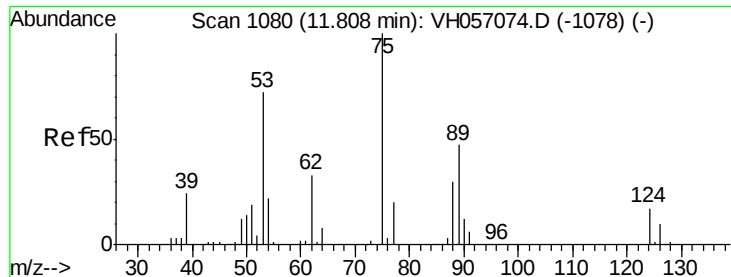
120 48.8 23.6 71.0



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

Ion 120.00 (119.70 to 120.70): VH057074.D (-1073) (-)





#81

trans-1,4-Dichloro-2-Butene

Concen: 51.26 ug/l

RT: 11.81 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

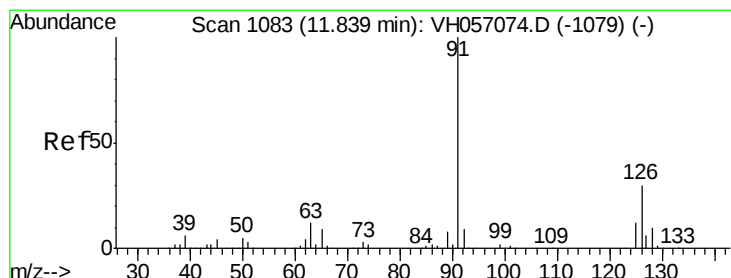
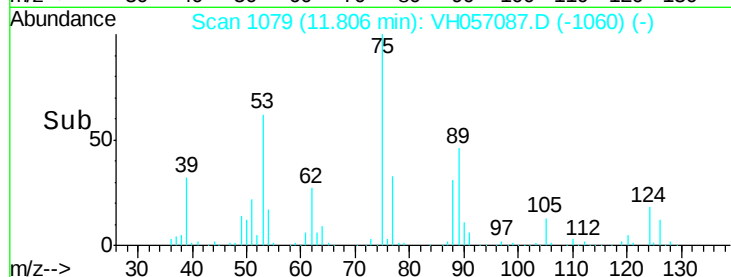
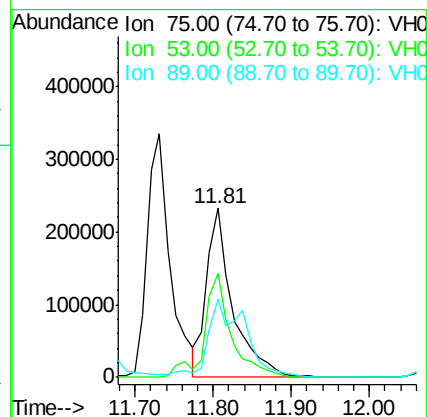
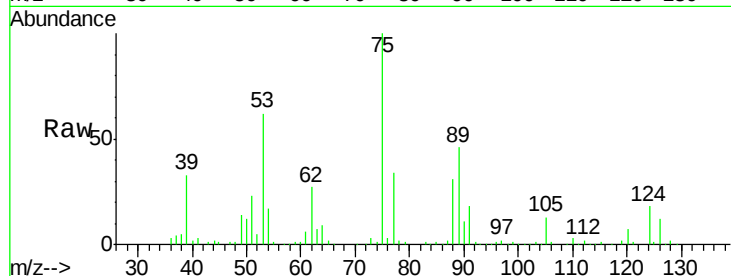
Tgt Ion: 75 Resp: 539108

Ion Ratio Lower Upper

75 100

53 61.6 32.0 96.2

89 46.4 21.1 63.3



#82

4-Chlorotoluene

Concen: 50.05 ug/l

RT: 11.84 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VH057087.D

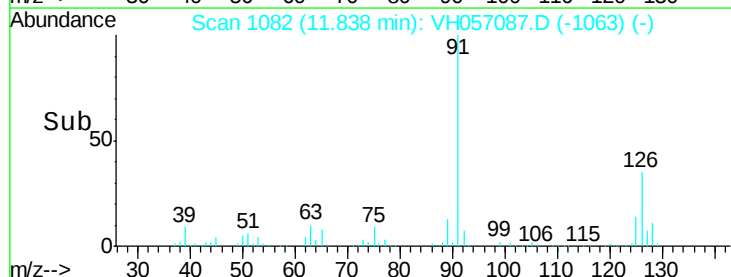
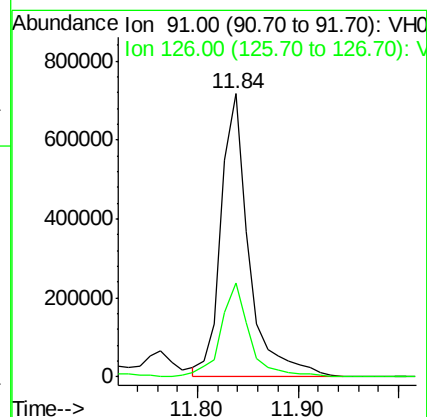
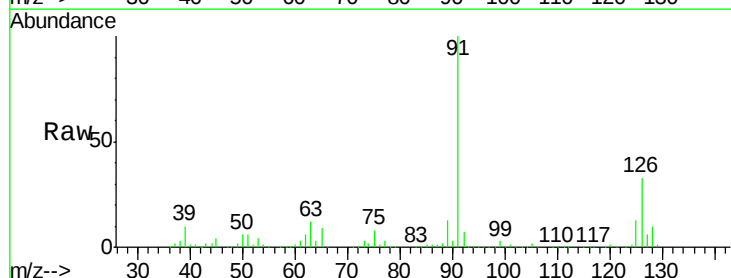
Acq: 21 Sep 2015 11:07

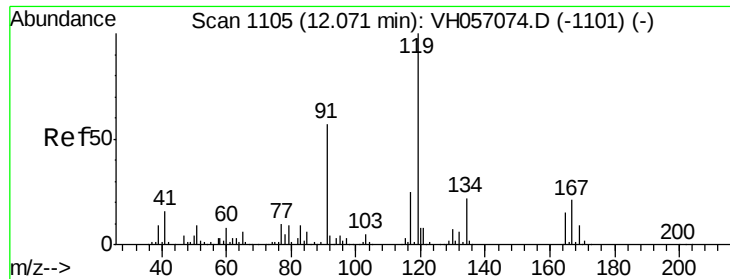
Tgt Ion: 91 Resp: 1367916

Ion Ratio Lower Upper

91 100

126 33.2 17.0 51.0

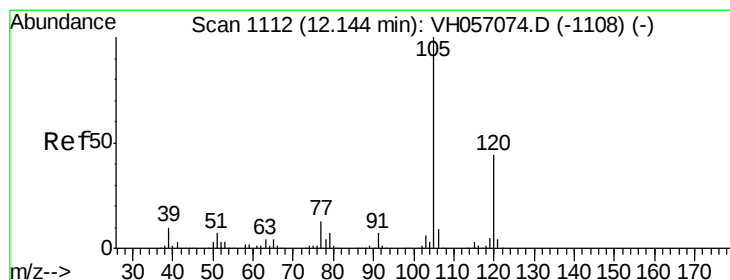
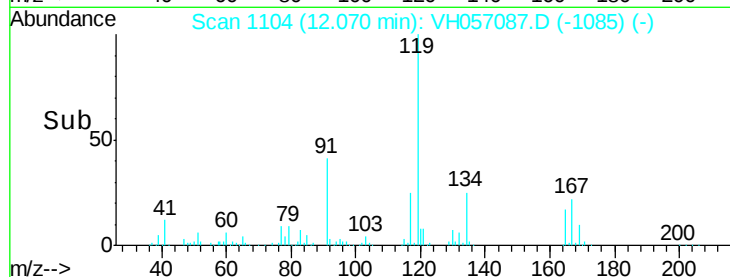
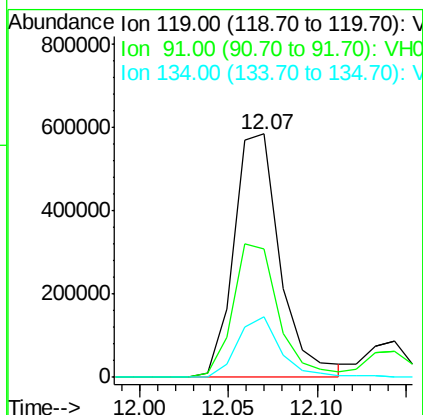
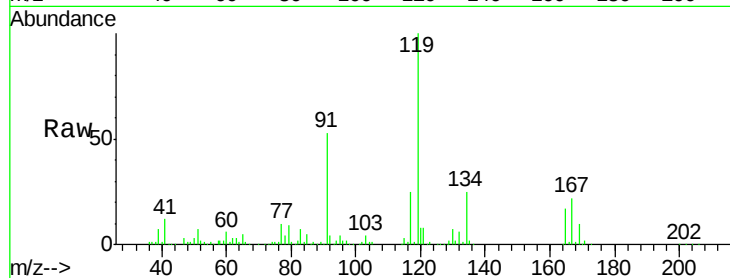




#83
 tert-Butylbenzene
 Concen: 48.75 ug/l
 RT: 12.07 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

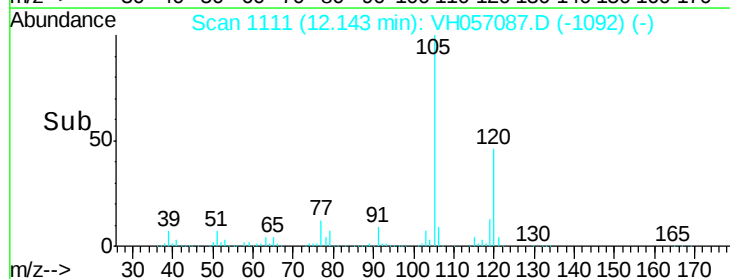
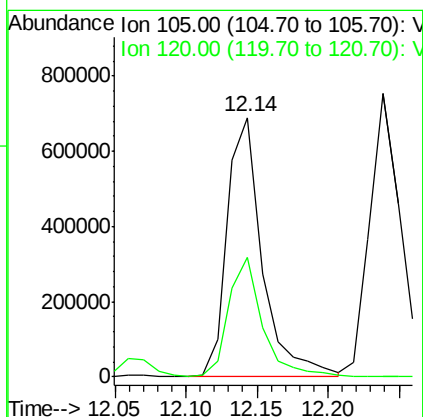
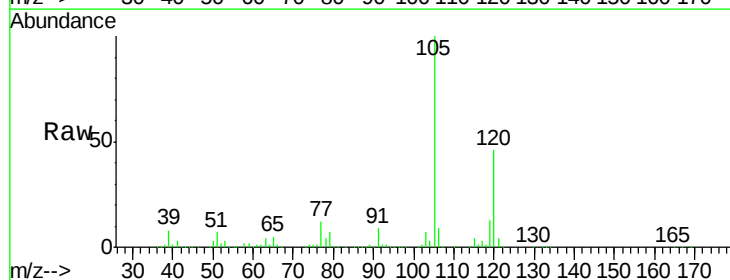
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

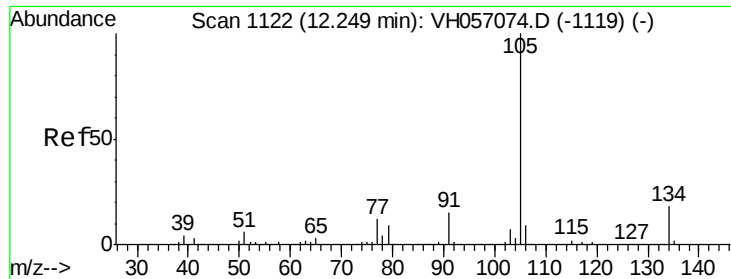
Tgt Ion:119 Resp: 1055089
 Ion Ratio Lower Upper
 119 100
 91 52.6 28.5 85.6
 134 24.7 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.73 ug/l
 RT: 12.14 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

Tgt Ion:105 Resp: 1176640
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.6 67.7

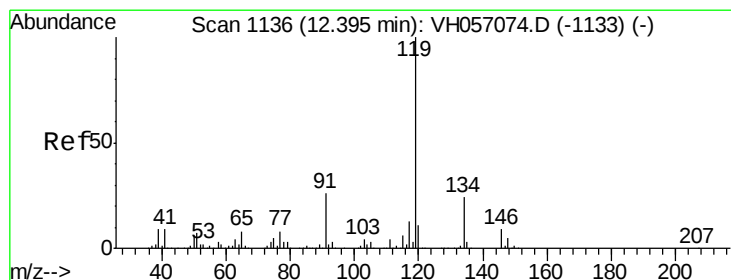
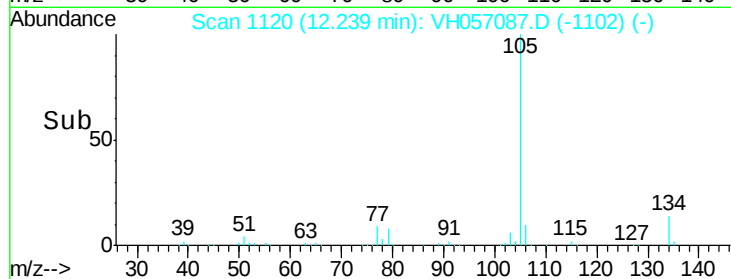
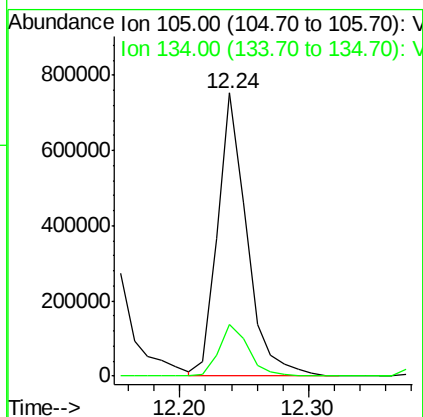
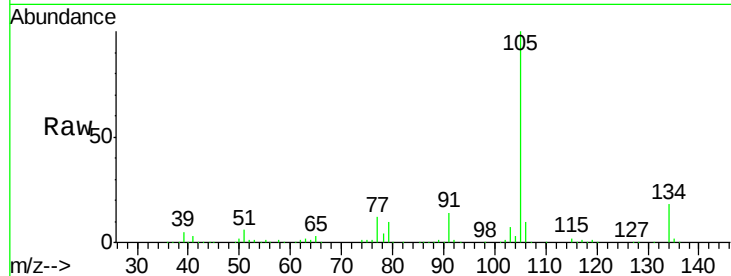




#85
 sec-Butylbenzene
 Concen: 50.75 ug/l
 RT: 12.24 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

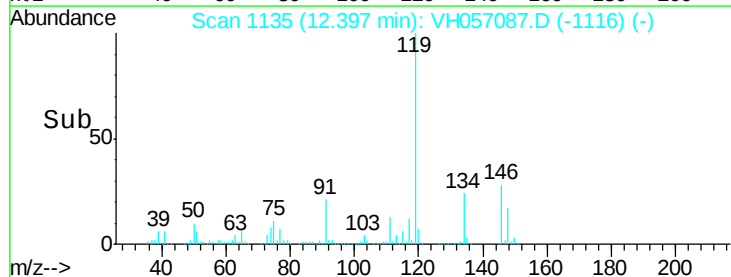
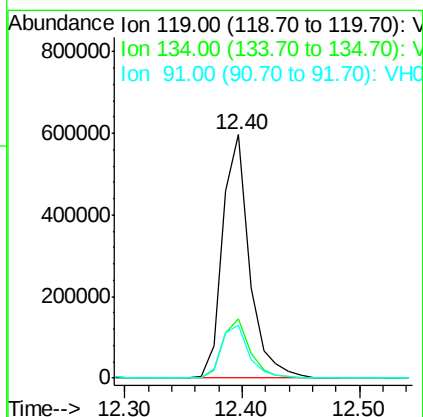
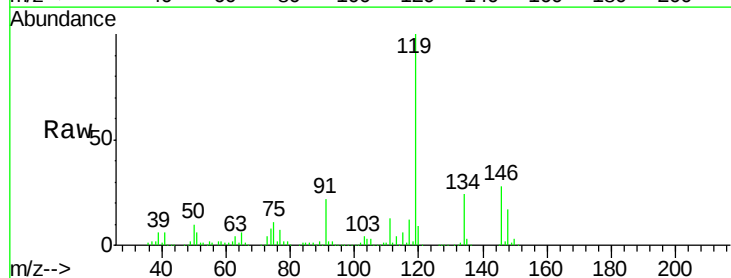
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

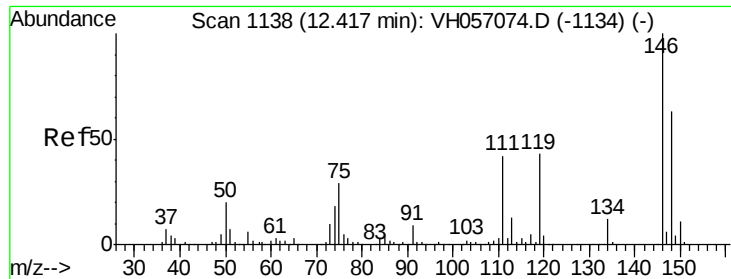
Tgt Ion:105 Resp: 1174636
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 53.73 ug/l
 RT: 12.40 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

Tgt Ion:119 Resp: 944190
 Ion Ratio Lower Upper
 119 100
 134 24.2 13.0 38.9
 91 21.6 12.5 37.5

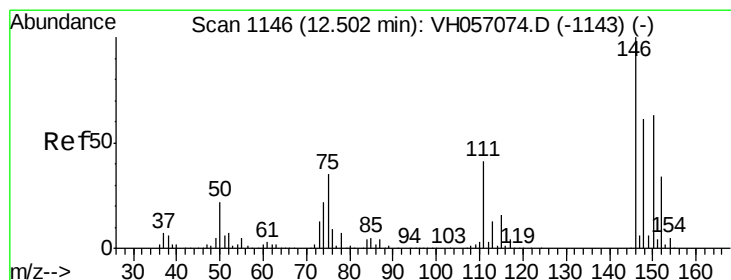
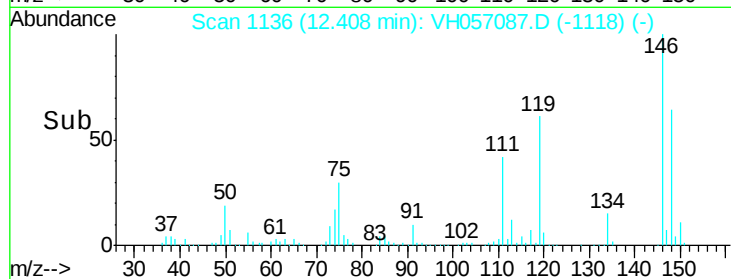
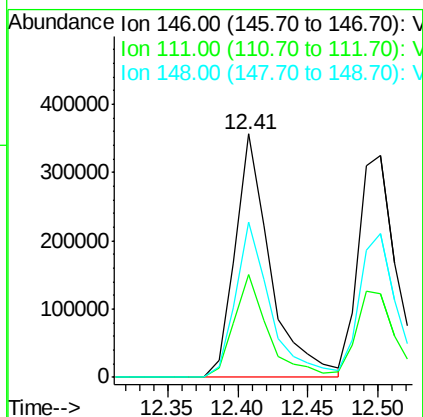
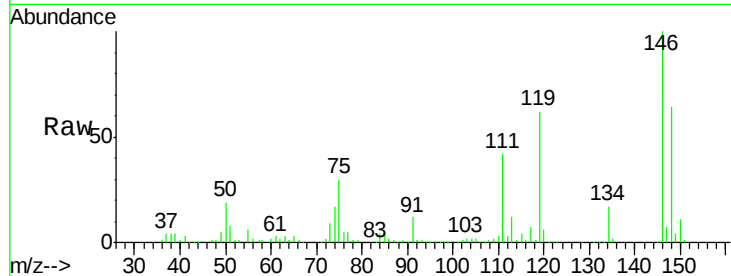




#87
 1,3-Dichlorobenzene
 Concen: 52.11 ug/l
 RT: 12.41 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

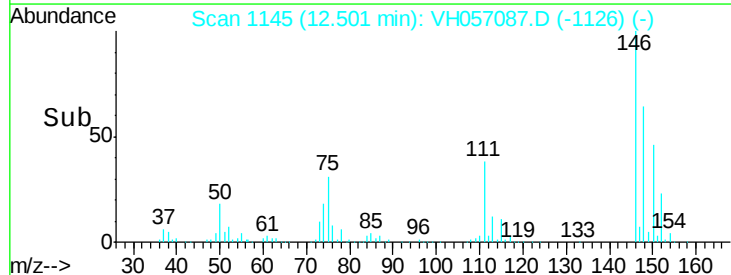
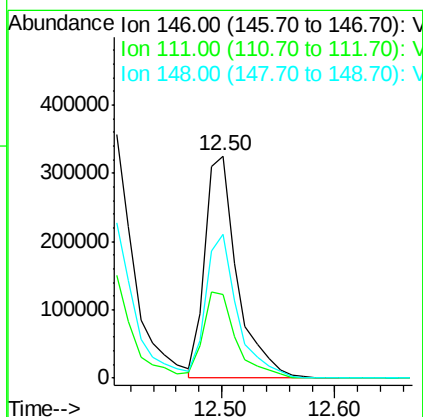
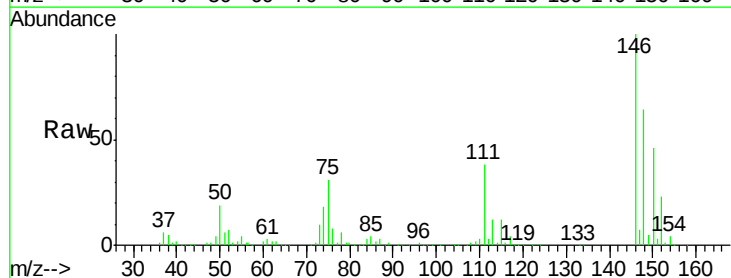
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

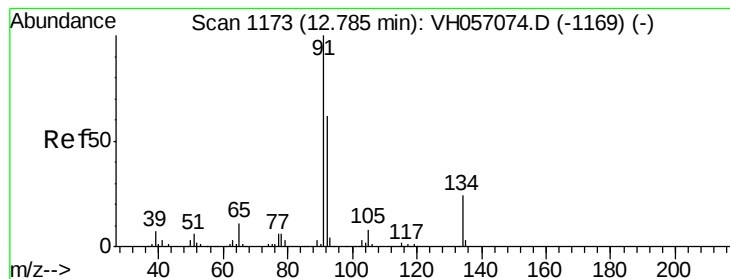
Tgt Ion:146 Resp: 620832
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.0 63.0
 148 63.6 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 52.51 ug/l
 RT: 12.50 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

Tgt Ion:146 Resp: 647849
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.8 59.3
 148 64.5 30.3 90.9





#89

n-Butylbenzene

Concen: 53.40 ug/l

RT: 12.77 min Scan# 1171

Delta R.T. -0.01 min

Lab File: VH057087.D

Acq: 21 Sep 2015 11:07

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

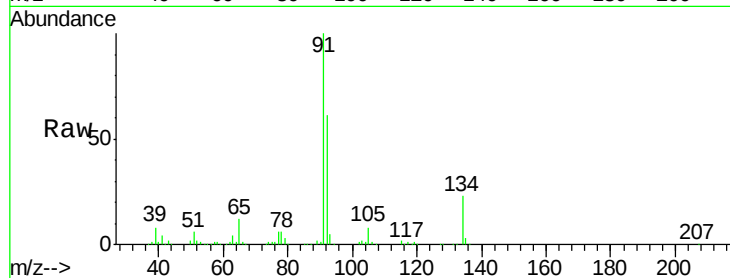
Tgt Ion: 91 Resp: 750191

Ion Ratio Lower Upper

91 100

92 60.9 31.3 93.9

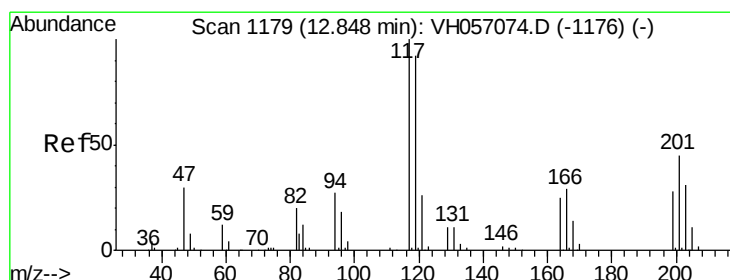
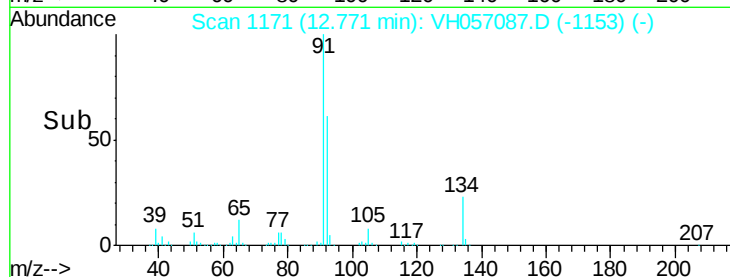
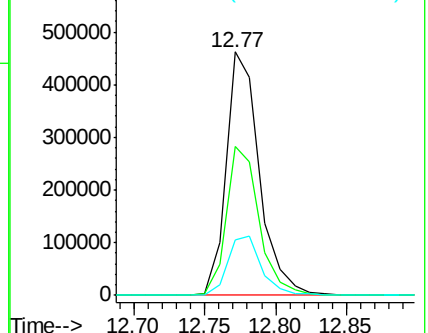
134 22.8 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VH057087.D (-1153) (-)

Ion 92.00 (91.70 to 92.70): VH057087.D (-1153) (-)

Ion 134.00 (133.70 to 134.70): VH057087.D (-1153) (-)



#90

Hexachloroethane

Concen: 49.31 ug/l

RT: 12.85 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VH057087.D

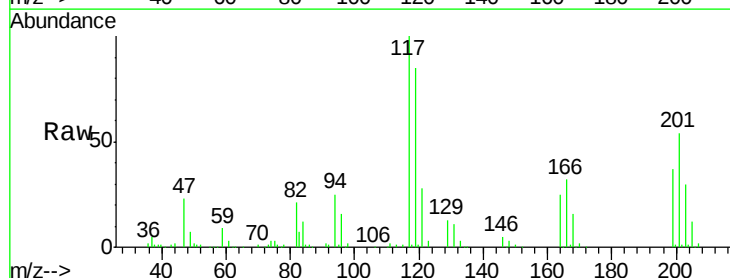
Acq: 21 Sep 2015 11:07

Tgt Ion: 117 Resp: 183442

Ion Ratio Lower Upper

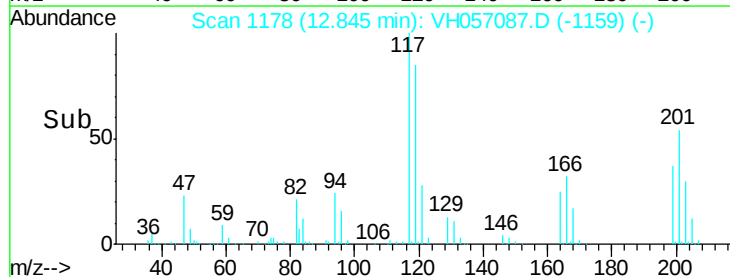
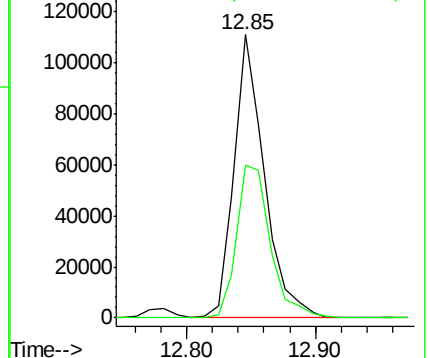
117 100

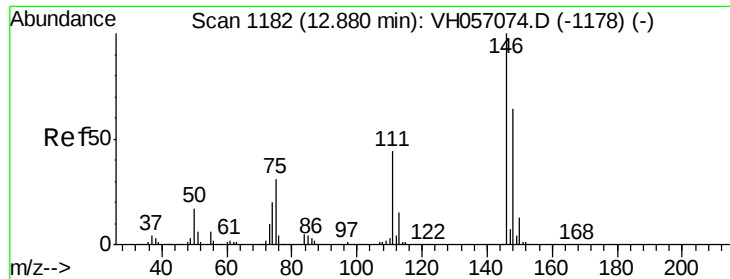
201 53.9 14.0 80.8



Abundance Ion 116.85 (116.55 to 117.55): VH057087.D (-1159) (-)

Ion 200.75 (200.45 to 201.45): VH057087.D (-1159) (-)

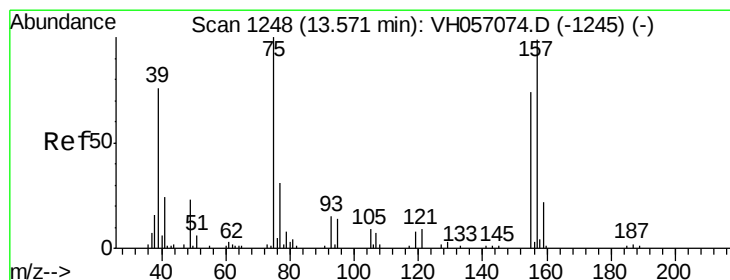
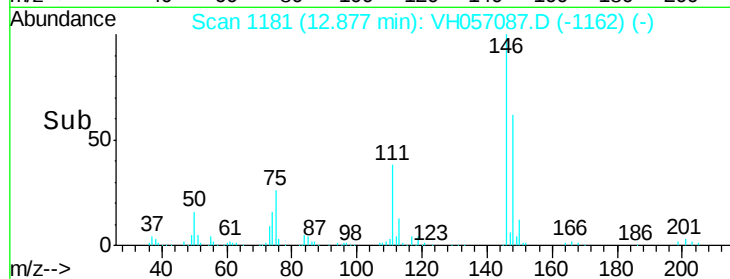
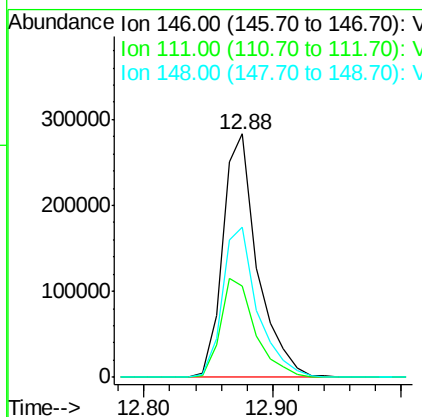
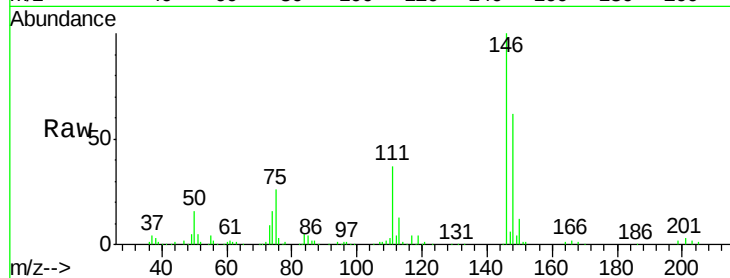




#91
 1,2-Dichlorobenzene
 Concen: 49.99 ug/l
 RT: 12.88 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

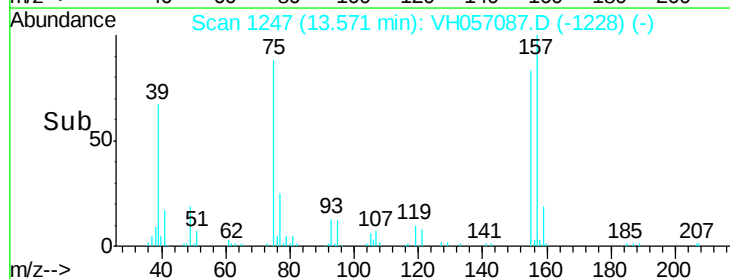
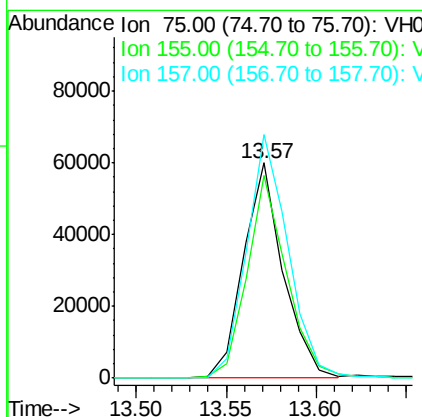
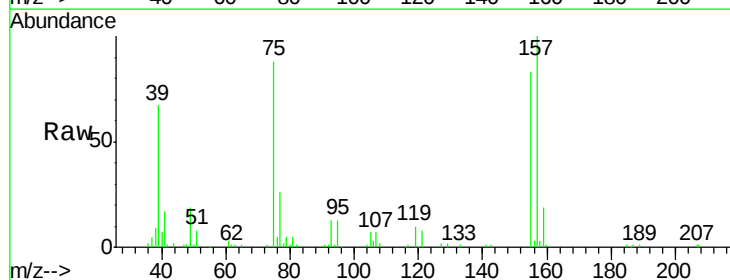
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

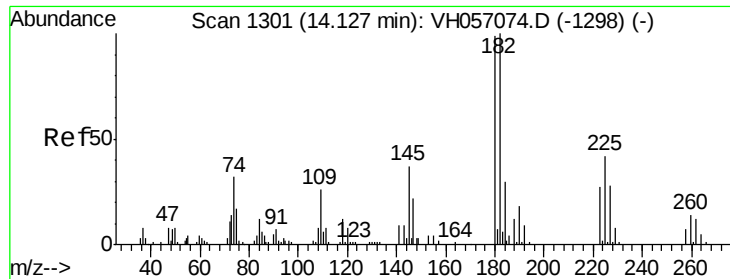
Tgt Ion: 146 Resp: 536637
 Ion Ratio Lower Upper
 146 100
 111 37.5 22.1 66.1
 148 61.9 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.74 ug/l
 RT: 13.57 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

Tgt Ion: 75 Resp: 94352
 Ion Ratio Lower Upper
 75 100
 155 94.2 43.4 130.2
 157 113.3 62.8 188.4

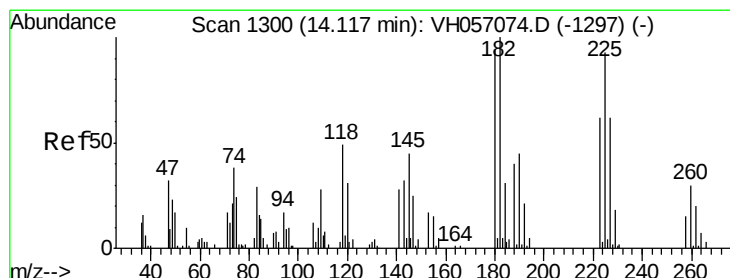
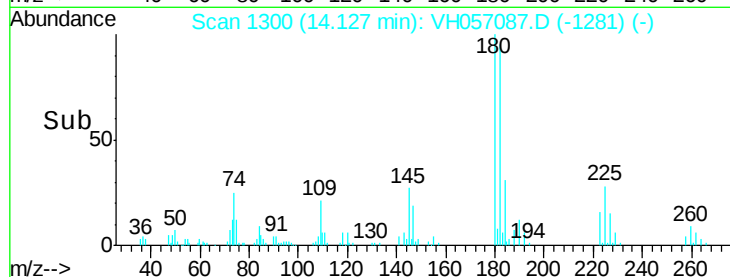
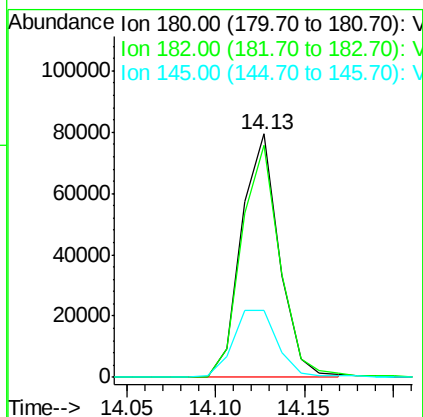
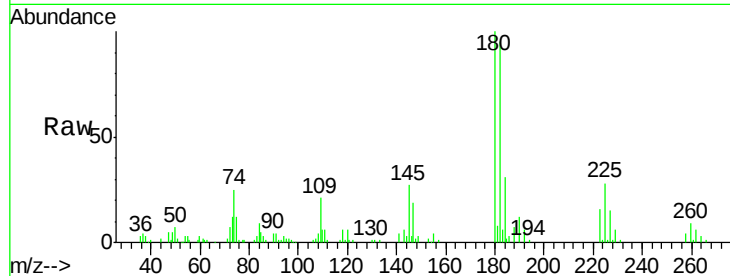




#93
 1,2,4-Trichlorobenzene
 Concen: 49.47 ug/l
 RT: 14.13 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

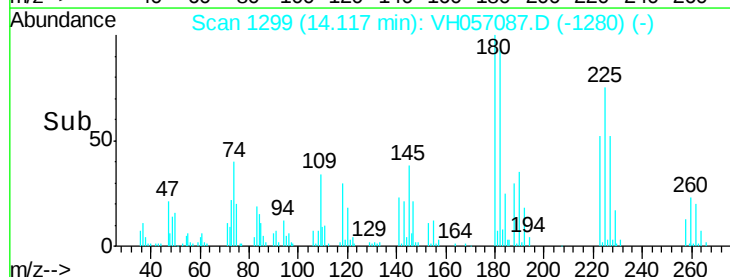
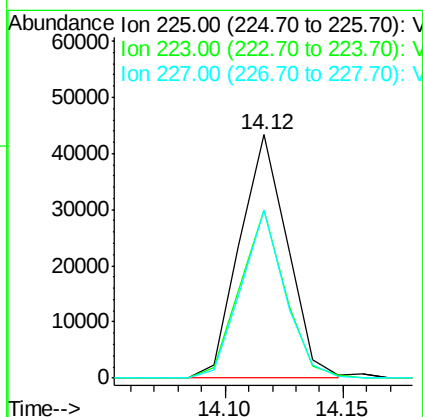
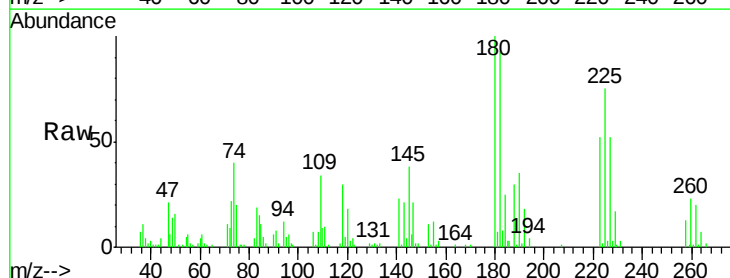
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

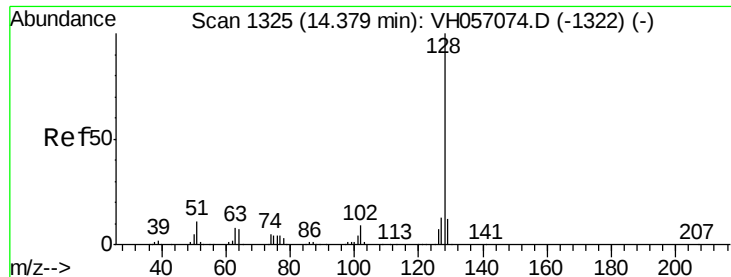
Tgt Ion:180 Resp: 118966
 Ion Ratio Lower Upper
 180 100
 182 95.2 43.0 129.2
 145 27.3 17.3 52.0



#94
 Hexachlorobutadiene
 Concen: 54.12 ug/l
 RT: 14.12 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: VH057087.D
 Acq: 21 Sep 2015 11:07

Tgt Ion:225 Resp: 60106
 Ion Ratio Lower Upper
 225 100
 223 68.9 30.3 90.8
 227 68.9 30.5 91.5

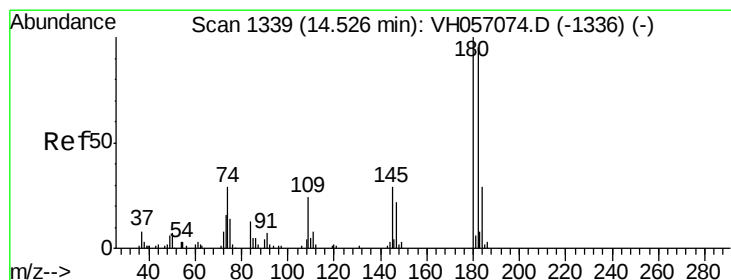
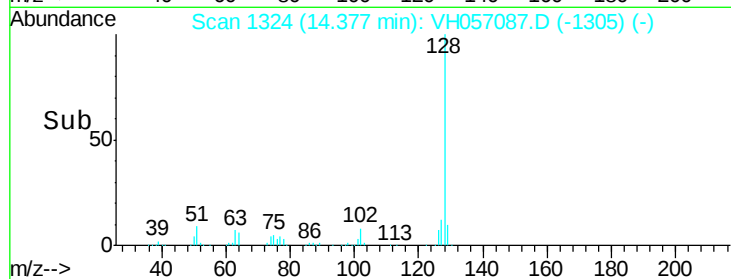
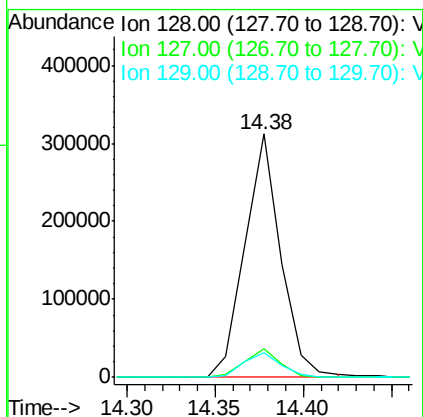
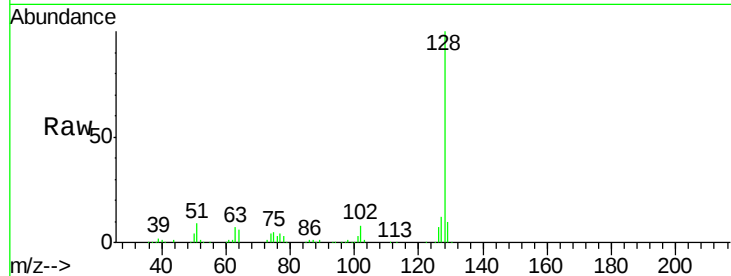




#95
Naphthalene
Concen: 45.54 ug/l
RT: 14.38 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.6	14.4
129	9.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.60 ug/l
RT: 14.52 min Scan# 1338
Delta R.T. -0.00 min
Lab File: VH057087.D
Acq: 21 Sep 2015 11:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	47.1	141.3
145	31.2	12.5	37.5

