

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH091715\
 Data File : VH057075.D
 Acq On : 17 Sep 2015 19:56
 Operator : SY/FY
 Sample : VSTDICC100
 Misc : 5mL/MSVOA_H/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 ICSVH091715

Quant Time: Sep 18 08:56:08 2015
 Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 08:54:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	786553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.57	114	1451475	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.72	117	1101522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.49	152	327520	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		4.81	65	1356784	109.27	ug/l	0.00
Spiked Amount	50.000	Range	66 - 150	Recovery	=	218.54%#	
35) Dibromofluoromethane		4.09	113	1086417	103.41	ug/l	0.00
Spiked Amount	50.000	Range	76 - 130	Recovery	=	206.82%#	
48) Toluene-d8		7.52	98	3146720	112.83	ug/l	0.00
Spiked Amount	50.000	Range	78 - 121	Recovery	=	225.66%#	
62) 4-Bromofluorobenzene		11.36	95	1034194	101.73	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	203.46%#	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.93	85	1004687	101.12	ug/l	99
3) Chloromethane	1.02	50	1227766	88.49	ug/l	100
4) Vinyl Chloride	1.08	62	961839	84.25	ug/l	100
5) Bromomethane	1.27	94	419049	74.36	ug/l	98
6) Chloroethane	1.35	64	395666	69.03	ug/l	98
7) Trichlorofluoromethane	1.40	101	310770	33.84	ug/l	90
8) Tert butyl alcohol	2.55	59	1147038	438.80	ug/l	# 96
9) Diethyl Ether	1.61	74	430523	76.33	ug/l	78
10) Diisopropyl ether	2.78	45	3346259	81.82	ug/l	98
11) 1,1-Dichloroethene	1.76	96	659056	82.37	ug/l	98
12) Methyl Iodide	1.86	142	1178879	89.09	ug/l	99
13) Acrolein	1.97	56	648962	380.55	ug/l	93
14) 1,1,2-Trichlorotrifluoroet	1.79	101	677144	88.37	ug/l	97
15) Acrylonitrile	2.91	53	2226245	381.49	ug/l	93
16) Allyl Chloride	2.07	41	1415706	77.06	ug/l	92
17) Acetone	2.21	43	2674776	416.76	ug/l	96
18) Carbon Disulfide	1.77	76	1930823	78.56	ug/l	95
19) Methyl Acetate	2.32	43	3403273	74.33	ug/l	99
20) Methyl tert-butyl Ether	2.41	73	2803741	89.88	ug/l	97
21) Methylene Chloride	2.15	84	342185	37.54	ug/l	92
22) trans-1,2-Dichloroethene	2.29	96	783211	88.76	ug/l	98
23) Vinyl Acetate	3.16	43	7654862	427.29	ug/l	96
24) 1,1-Dichloroethane	2.84	63	1658260	86.47	ug/l	100
25) 2-Butanone	4.30	43	6102024	430.74	ug/l	100
26) 2,2-Dichloropropane	3.57	77	976106	92.64	ug/l	96
27) cis-1,2-Dichloroethene	3.45	96	1127736	101.40	ug/l	99
28) Bromochloromethane	3.69	128	387141	93.28	ug/l	83
29) Chloroform	3.83	83	1987678	98.88	ug/l	94
30) Cyclohexane	3.67	56	1342104	91.66	ug/l	96
31) Tetrahydrofuran	4.05	42	3512718	426.71	ug/l	95
32) 1,1,1-Trichloroethane	4.07	97	1464317	104.91	ug/l	97
36) 1,1-Dichloropropene	4.26	75	1587378	106.65	ug/l	99
37) Ethyl acetate	4.09	43	2898695	93.12	ug/l	# 55
38) Carbon Tetrachloride	3.97	117	1251742	106.70	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH091715\
 Data File : VH057075.D
 Acq On : 17 Sep 2015 19:56
 Operator : SY/FY
 Sample : VSTDICC100
 Misc : 5mL/MSVOA_H/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 ICVVH091715

Quant Time: Sep 18 08:56:08 2015
 Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 08:54:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.61	78	3727938	99.69	ug/l	98
40) Methacrylonitrile	4.72	41	1340741	92.82	ug/l	96
41) 1,2-Dichloroethane	4.91	62	1666262	103.95	ug/l	99
42) Isopropyl Acetate	5.45	43	3752488	93.24	ug/l	97
43) Trichloroethene	5.48	130	998318	107.34	ug/l	98
44) Methylcyclohexane	5.43	83	922278	100.11	ug/l	96
45) 1,2-Dichloropropane	6.20	63	1191032	99.02	ug/l	99
46) Dibromomethane	6.05	93	784052	103.73	ug/l	98
47) Bromodichloromethane	6.35	83	1631313	105.71	ug/l	97
49) 4-Methyl-2-Pentanone	8.22	43	10919717	442.61	ug/l	95
50) Toluene	7.58	92	2444106	102.22	ug/l	100
51) t-1,3-Dichloropropene	8.24	75	1969293	110.84	ug/l	100
52) Methyl Methacrylate	6.69	69	1249278	103.01	ug/l	99
53) 1,4-Dioxane	6.67	88	254721	2139.72	ug/l	90
54) cis-1,3-Dichloropropene	7.26	75	1957134	100.97	ug/l	98
55) 1,1,2-Trichloroethane	8.45	97	1056389	108.50	ug/l	97
56) Ethyl Methacrylate	8.57	69	2180326	107.97	ug/l	98
57) 1,3-Dichloropropane	8.80	76	2154492	105.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.26	63	3958601	228.33	ug/l	94
59) 2-Hexanone	9.44	43	8871201	493.15	ug/l	98
60) Dibromochloromethane	8.67	129	1240567	112.26	ug/l	97
61) 1,2-Dibromoethane	8.93	107	1293076	113.40	ug/l	95
64) Tetrachloroethene	8.11	164	671335	108.18	ug/l	98
65) Chlorobenzene	9.75	112	2510084	109.15	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.87	131	863288	106.90	ug/l	98
67) Ethyl Benzene	9.84	106	1247413	108.20	ug/l	96
68) m/p-Xylenes	10.07	106	2896740	209.16	ug/l	94
69) o-Xylene	10.66	106	1456314	108.95	ug/l	97
70) Styrene	10.73	104	2484130	110.29	ug/l	99
71) Bromoform	10.71	173	826766	125.07	ug/l	99
73) Isopropylbenzene	11.07	105	2997341	97.38	ug/l	98
74) n-Amyl Acetate	11.33	43	3278667	97.95	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.64	83	1619214	101.76	ug/l	98
76) 1,2,3-Trichloropropane	11.74	75	1252814	101.14	ug/l	94
77) Bromobenzene	11.44	156	909321	109.56	ug/l	97
78) n-propylbenzene	11.54	91	3110347	96.08	ug/l	97
79) 2-Chlorotoluene	11.67	91	1854684	94.57	ug/l	99
80) 1,3,5-Trimethylbenzene	11.77	105	1918897	100.78	ug/l	99
81) trans-1,4-Dichloro-2-Buten	11.81	75	986472	104.29	ug/l	98
82) 4-Chlorotoluene	11.85	91	2305091	98.37	ug/l	99
83) tert-Butylbenzene	12.07	119	1680261	93.81	ug/l	98
84) 1,2,4-Trimethylbenzene	12.14	105	1957571	101.74	ug/l	97
85) sec-Butylbenzene	12.25	105	1884697	98.91	ug/l	98
86) p-Isopropyltoluene	12.40	119	1481721	101.40	ug/l	97
87) 1,3-Dichlorobenzene	12.42	146	1036112	104.57	ug/l	97
88) 1,4-Dichlorobenzene	12.50	146	1093458	104.84	ug/l	99
89) n-Butylbenzene	12.78	91	1222192	106.73	ug/l	96
90) Hexachloroethane	12.85	117	271832	87.38	ug/l	98
91) 1,2-Dichlorobenzene	12.88	146	958566	112.49	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.57	75	193668	120.10	ug/l	88

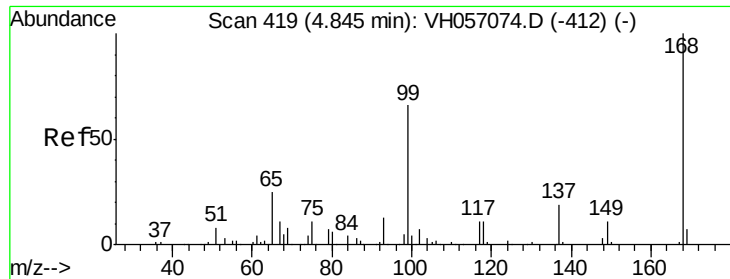
Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH091715\
Data File : VH057075.D
Acq On : 17 Sep 2015 19:56
Operator : SY/FY
Sample : VSTDICC100
Misc : 5mL/MSVOA_H/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_H
ClientSampleId :
ICVVH091715

Quant Time: Sep 18 08:56:08 2015
Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 08:54:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.13	180	217093	117.14	ug/l	87
94) Hexachlorobutadiene	14.12	225	99840	129.22	ug/l	91
95) Naphthalene	14.38	128	903592	120.06	ug/l	98
96) 1,2,3-Trichlorobenzene	14.52	180	154138	132.41	ug/l	89

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.84 min Scan# 419

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

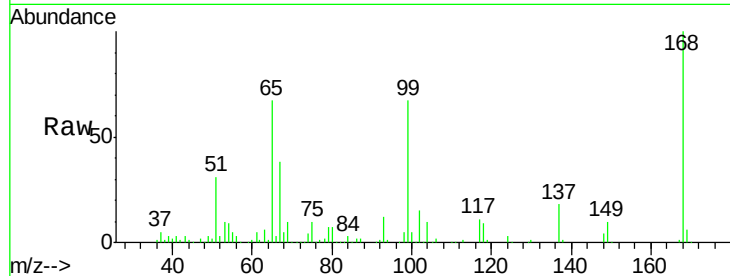
ICVVH091715

Tgt Ion:168 Resp: 786553

Ion Ratio Lower Upper

168 100

99 67.3 55.8 83.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VHC

4.84

250000

200000

150000

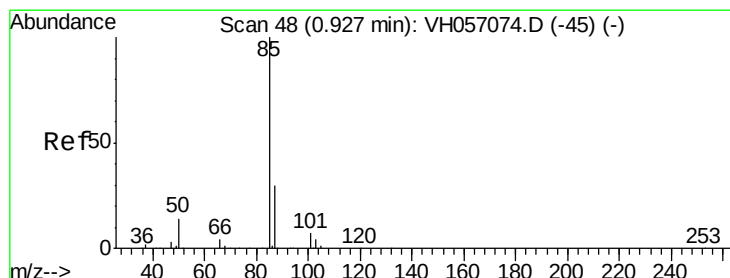
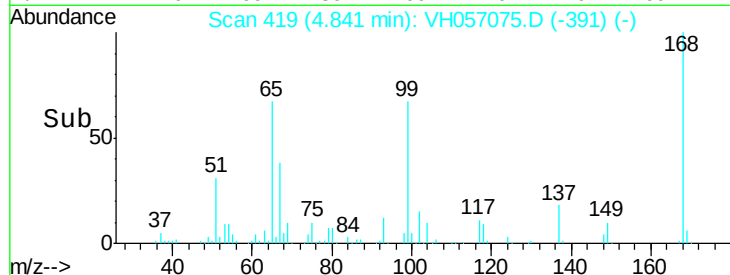
100000

50000

0

Time-->

4.70 4.80 4.90 5.00



#2

Dichlorodifluoromethane

Concen: 101.12 ug/l

RT: 0.93 min Scan# 48

Delta R.T. 0.00 min

Lab File: VH057075.D

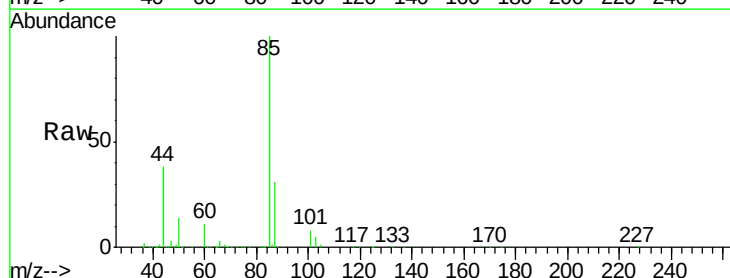
Acq: 17 Sep 2015 19:56

Tgt Ion: 85 Resp: 1004687

Ion Ratio Lower Upper

85 100

87 31.4 16.0 47.9



Abundance Ion 85.00 (84.70 to 85.70): VHC

Ion 87.00 (86.70 to 87.70): VHC

0.93

300000

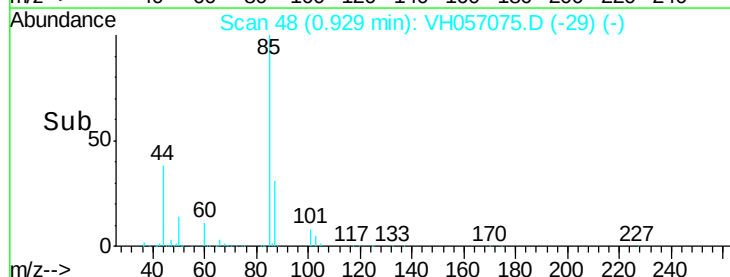
200000

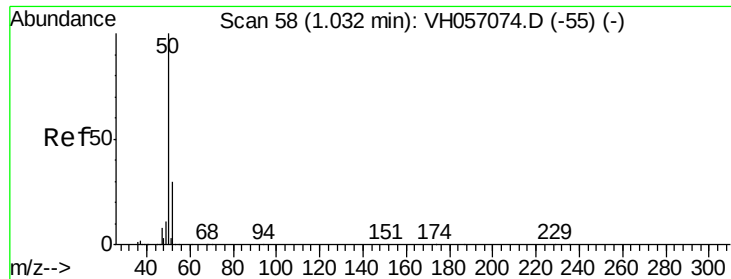
100000

0

Time-->

0.80 1.00 1.20





#3

Chloromethane

Concen: 88.49 ug/l

RT: 1.02 min Scan# 57

Delta R.T. -0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

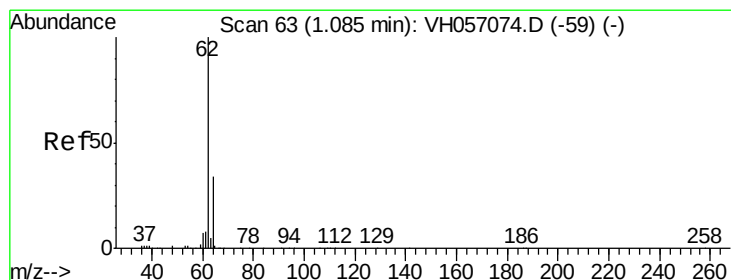
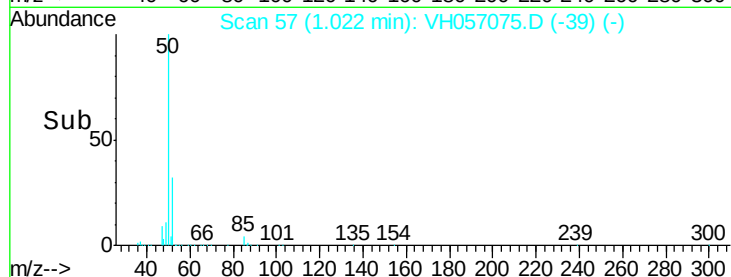
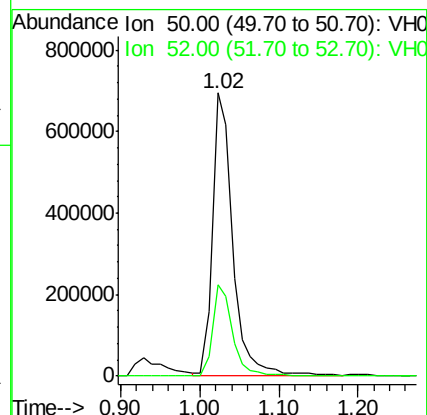
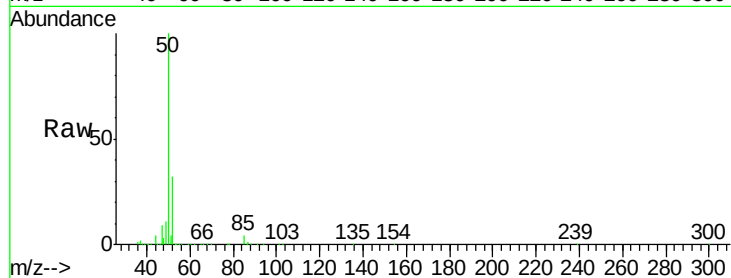
ICVVH091715

Tgt Ion: 50 Resp: 1227766

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.8



#4

Vinyl Chloride

Concen: 84.25 ug/l

RT: 1.08 min Scan# 63

Delta R.T. -0.00 min

Lab File: VH057075.D

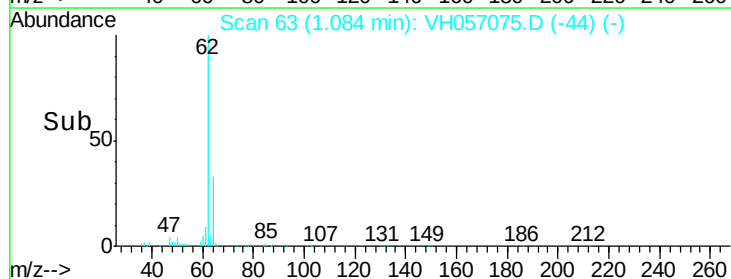
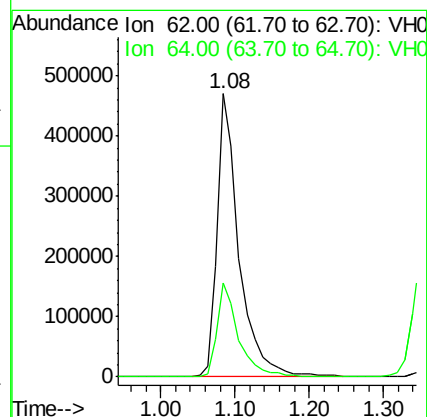
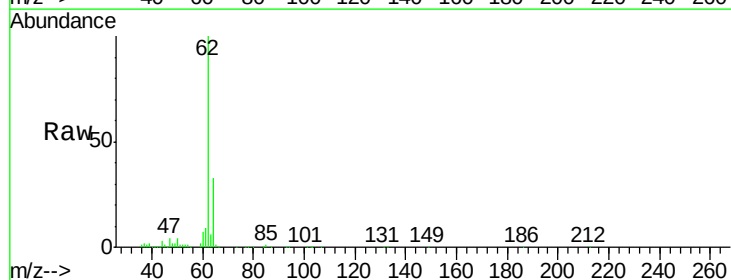
Acq: 17 Sep 2015 19:56

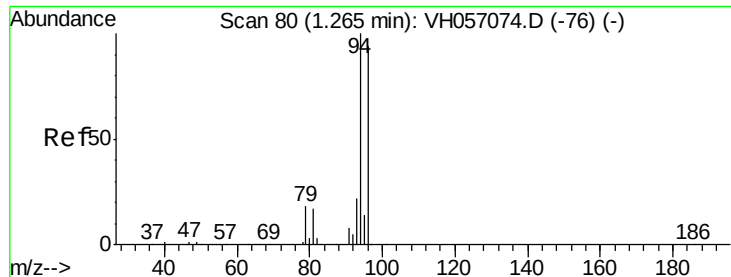
Tgt Ion: 62 Resp: 961839

Ion Ratio Lower Upper

62 100

64 33.2 26.6 40.0





#5

Bromomethane

Concen: 74.36 ug/l

RT: 1.27 min Scan# 80

Delta R.T. 0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

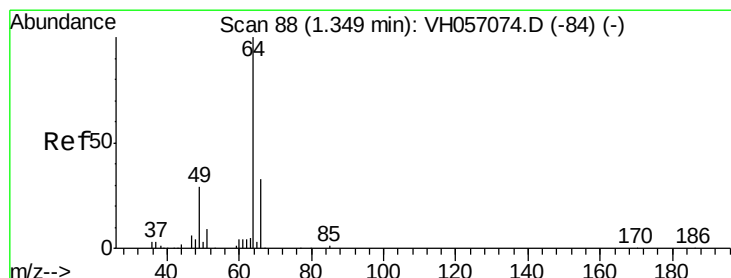
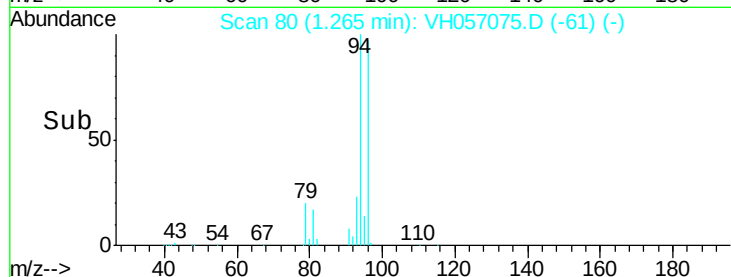
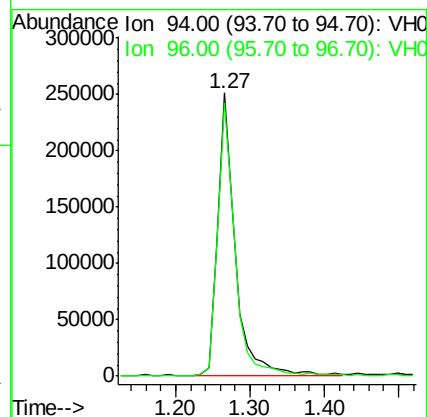
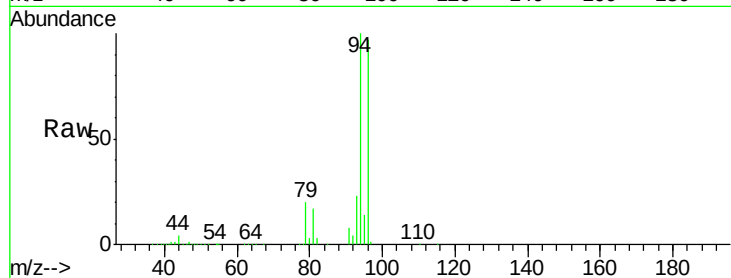
ICVVH091715

Tgt Ion: 94 Resp: 419049

Ion Ratio Lower Upper

94 100

96 96.5 78.5 117.7



#6

Chloroethane

Concen: 69.03 ug/l

RT: 1.35 min Scan# 88

Delta R.T. 0.00 min

Lab File: VH057075.D

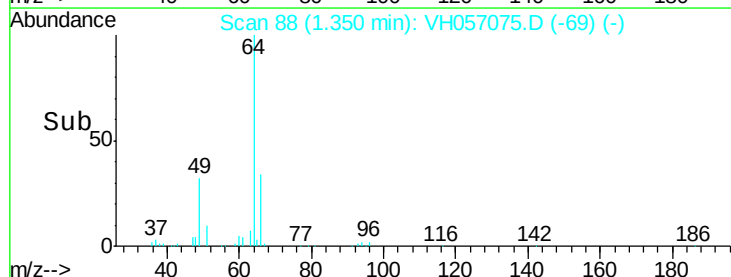
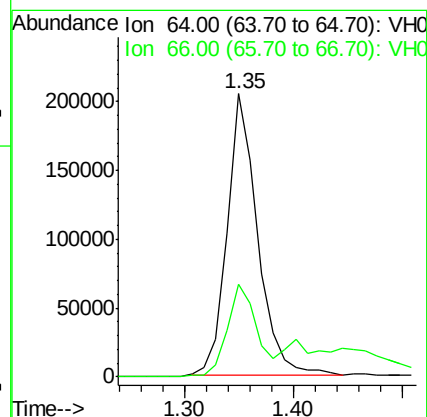
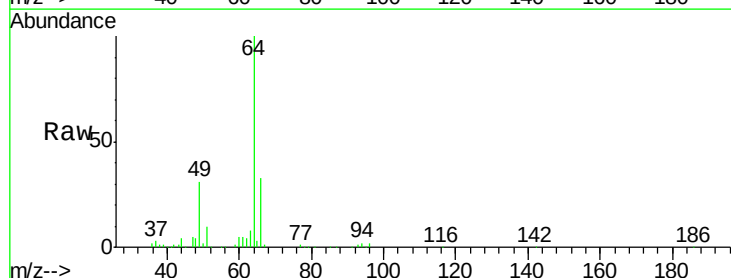
Acq: 17 Sep 2015 19:56

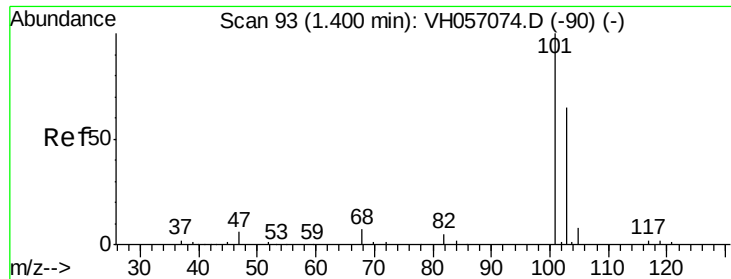
Tgt Ion: 64 Resp: 395666

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8





#7

Trichlorofluoromethane

Concen: 33.84 ug/l

RT: 1.40 min Scan# 93

Delta R.T. 0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

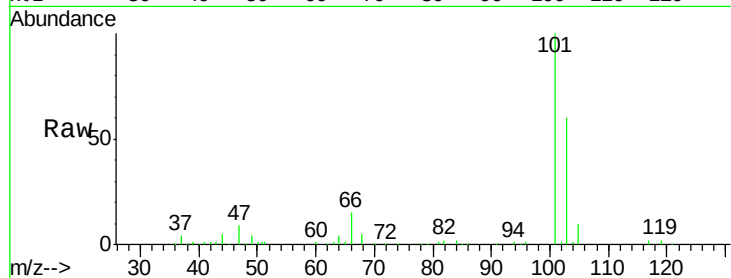
ICVVH091715

Tgt Ion:101 Resp: 310770

Ion Ratio Lower Upper

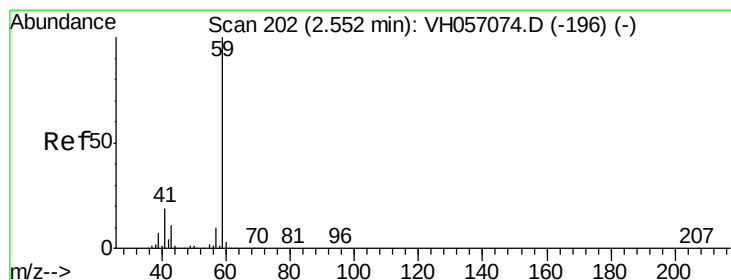
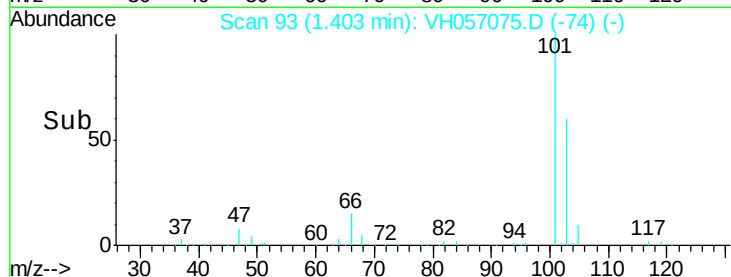
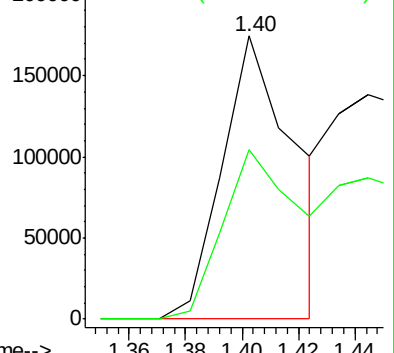
101 100

103 60.1 54.9 82.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Tert butyl alcohol

Concen: 438.80 ug/l

RT: 2.55 min Scan# 202

Delta R.T. 0.00 min

Lab File: VH057075.D

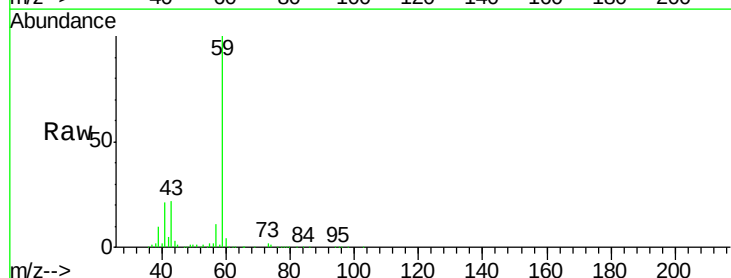
Acq: 17 Sep 2015 19:56

Tgt Ion: 59 Resp: 1147038

Ion Ratio Lower Upper

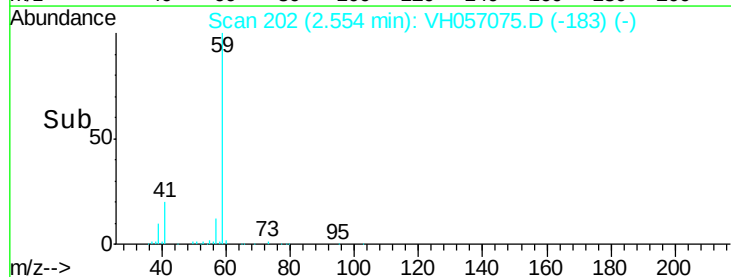
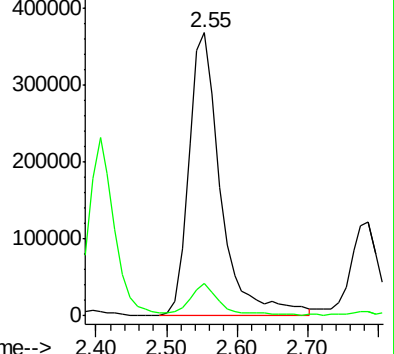
59 100

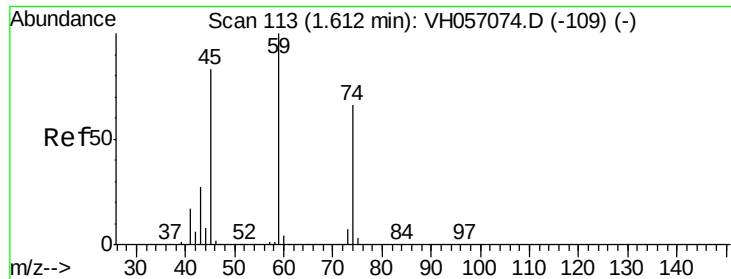
57 11.4 9.0 11.0#



Abundance Ion 59.00 (58.70 to 59.70): VH0

Ion 57.00 (56.70 to 57.70): VH0





#9

Diethyl Ether

Concen: 76.33 ug/l

RT: 1.61 min Scan# 113

Delta R.T. 0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

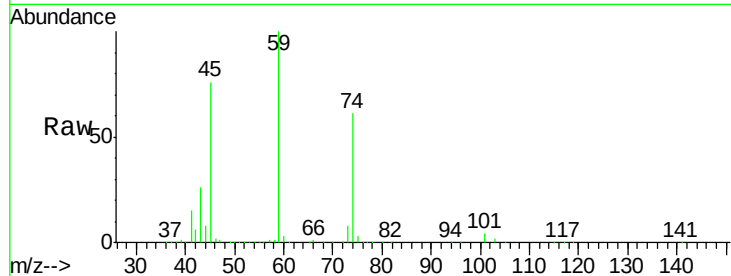
ICVVH091715

Tgt Ion: 74 Resp: 430523

Ion Ratio Lower Upper

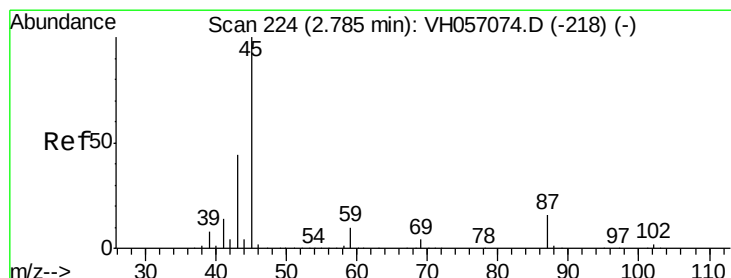
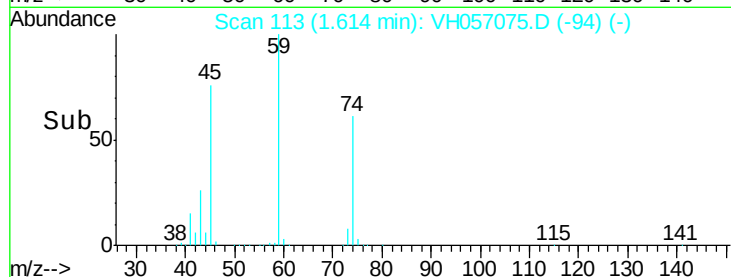
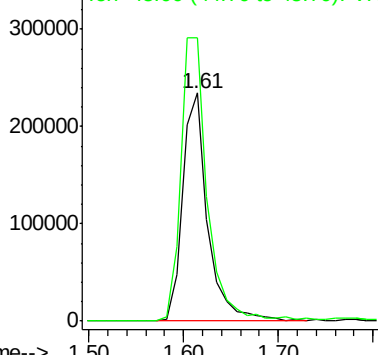
74 100

45 124.2 0.0 304.4



Abundance Ion 74.00 (73.70 to 74.70): VH0

Ion 45.00 (44.70 to 45.70): VH0



#10

Diisopropyl ether

Concen: 81.82 ug/l

RT: 2.78 min Scan# 223

Delta R.T. -0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Tgt Ion: 45 Resp: 3346259

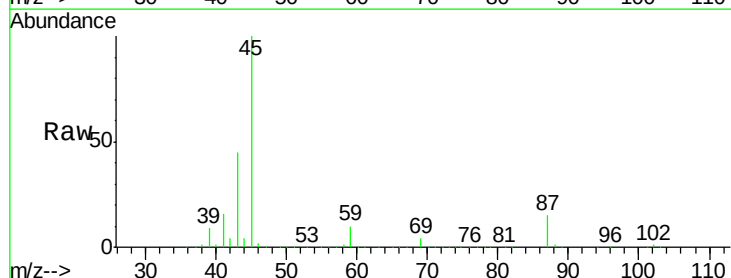
Ion Ratio Lower Upper

45 100

43 45.0 34.6 52.0

87 15.2 12.6 19.0

59 9.9 8.4 12.6

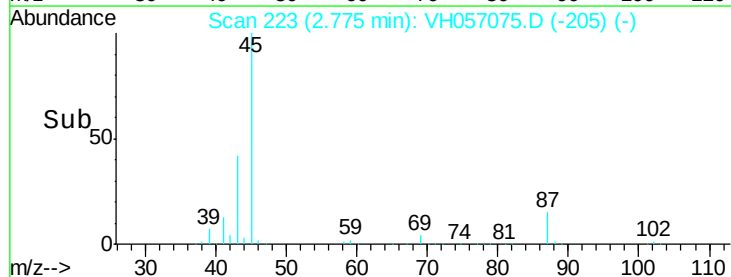
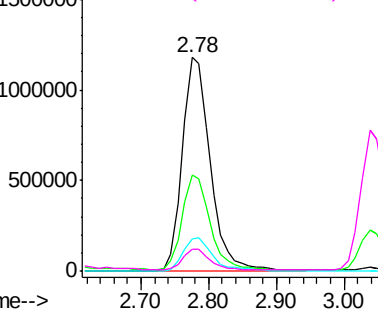


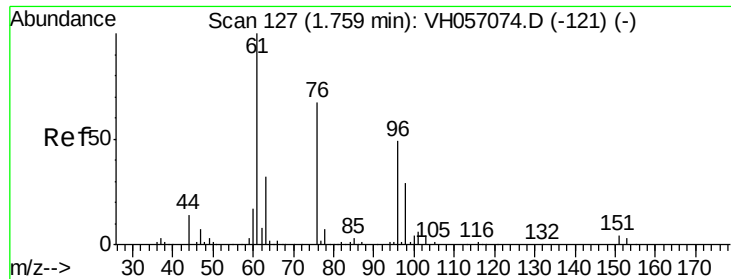
Abundance Ion 45.00 (44.70 to 45.70): VH0

Ion 43.00 (42.70 to 43.70): VH0

Ion 87.00 (86.70 to 87.70): VH0

Ion 59.00 (58.70 to 59.70): VH0

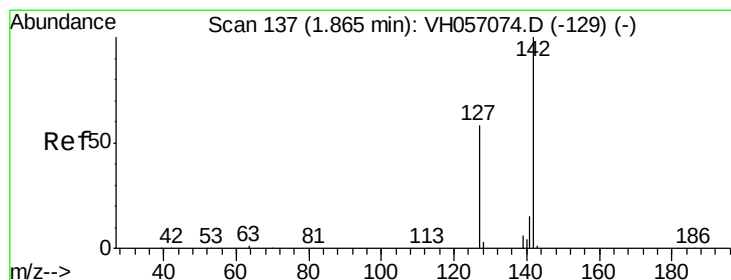
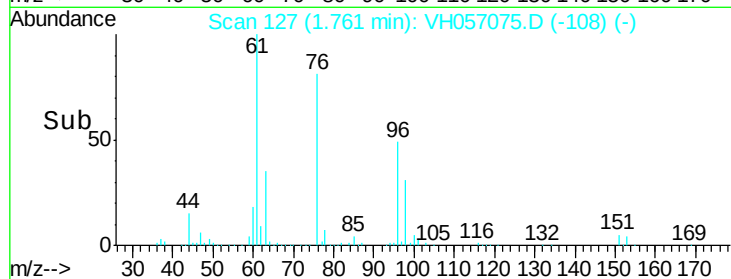
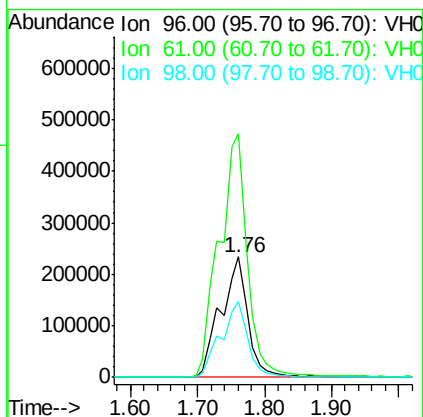
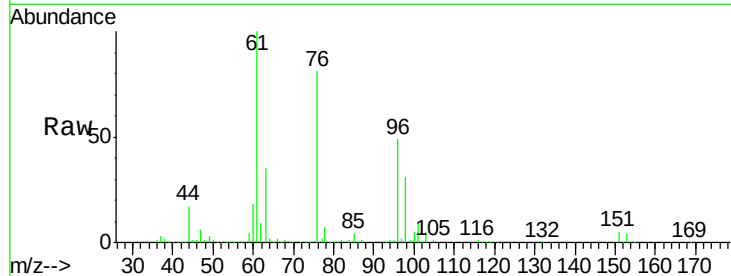




#11
 1,1-Dichloroethene
 Concen: 82.37 ug/l
 RT: 1.76 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

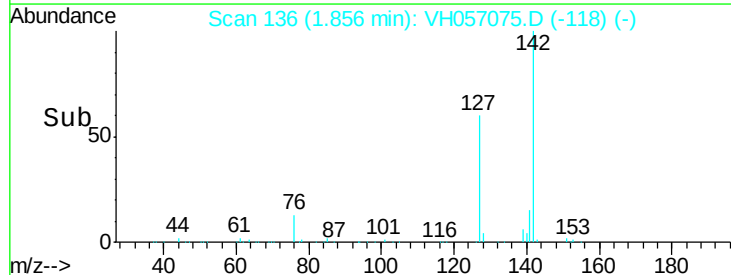
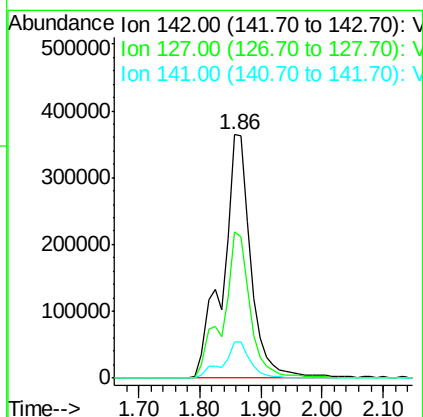
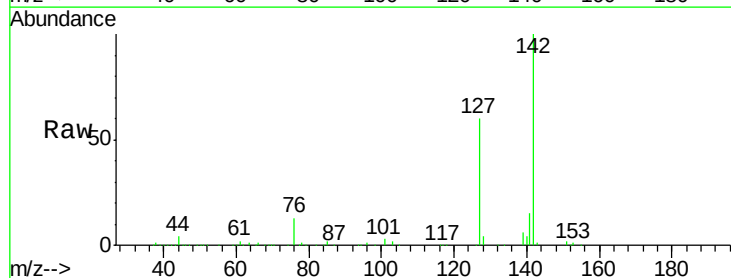
Instrument :
 MSVOA_H
 ClientSampleId :
 ICVVH091715

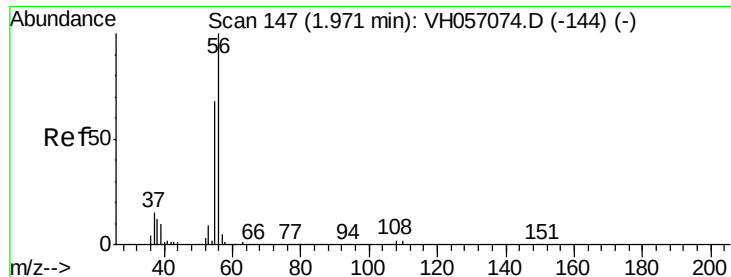
Tgt Ion: 96 Resp: 659056
 Ion Ratio Lower Upper
 96 100
 61 202.3 158.4 237.6
 98 62.9 50.6 75.8



#12
 Methyl Iodide
 Concen: 89.09 ug/l
 RT: 1.86 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

Tgt Ion: 142 Resp: 1178879
 Ion Ratio Lower Upper
 142 100
 127 59.9 30.0 90.1
 141 15.1 7.1 21.4





#13

Acrolein

Concen: 380.55 ug/l

RT: 1.97 min Scan# 147

Delta R.T. 0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

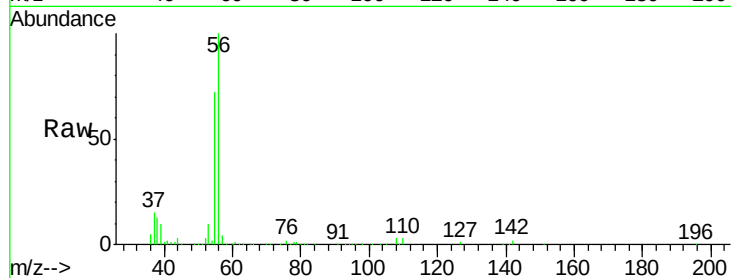
ICVVH091715

Tgt Ion: 56 Resp: 648962

Ion Ratio Lower Upper

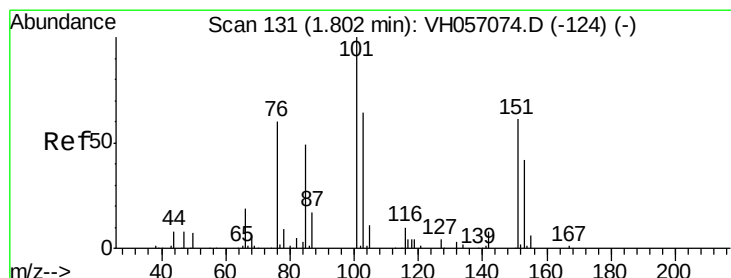
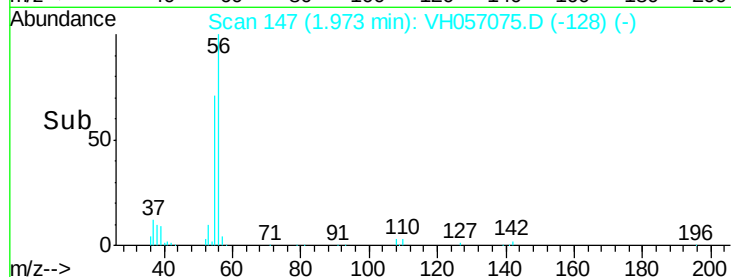
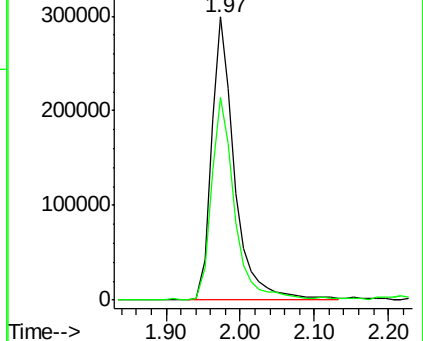
56 100

55 71.7 52.9 79.3



Abundance Ion 56.00 (55.70 to 56.70): VH0

Ion 55.00 (54.70 to 55.70): VH0



#14

1,1,2-Trichlorotrifluoroethane

Concen: 88.37 ug/l

RT: 1.79 min Scan# 130

Delta R.T. -0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

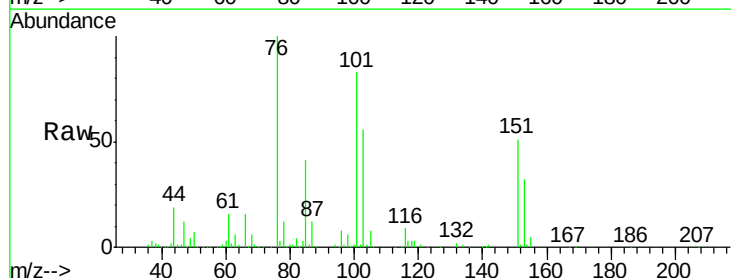
Tgt Ion: 101 Resp: 677144

Ion Ratio Lower Upper

101 100

85 49.8 37.9 56.9

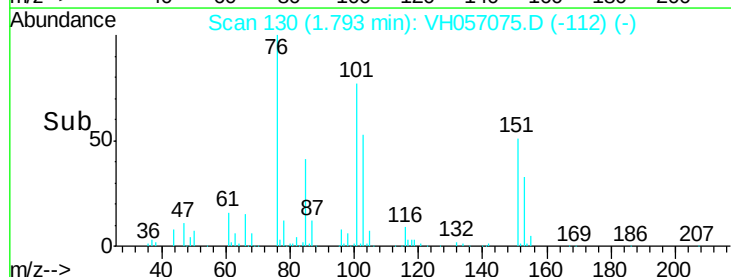
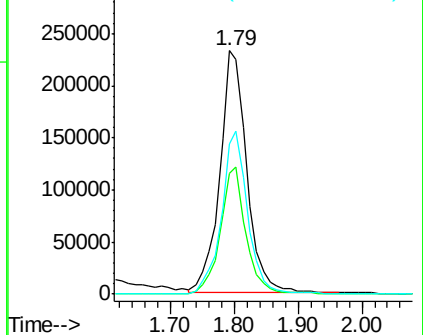
151 61.7 50.6 76.0

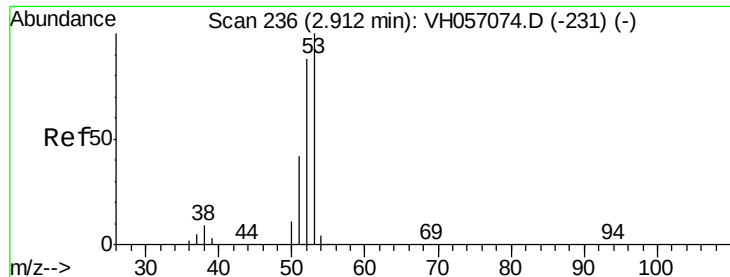


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VH0

Ion 151.00 (150.70 to 151.70): V





#15

Acrylonitrile

Concen: 381.49 ug/l

RT: 2.91 min Scan# 236

Delta R.T. 0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

ICVVH091715

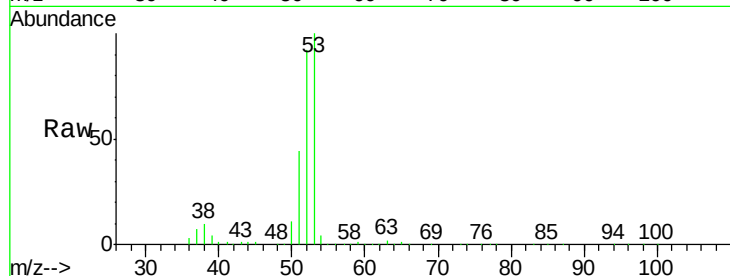
Tgt Ion: 53 Resp: 2226245

Ion Ratio Lower Upper

53 100

52 91.7 67.6 101.4

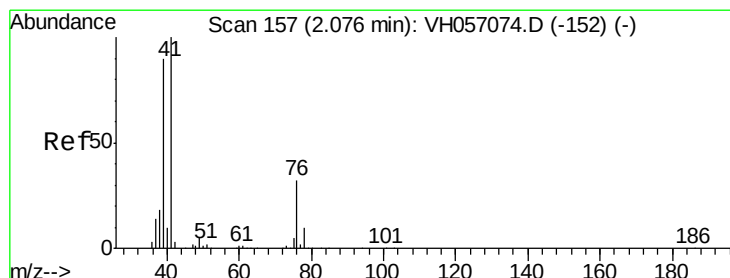
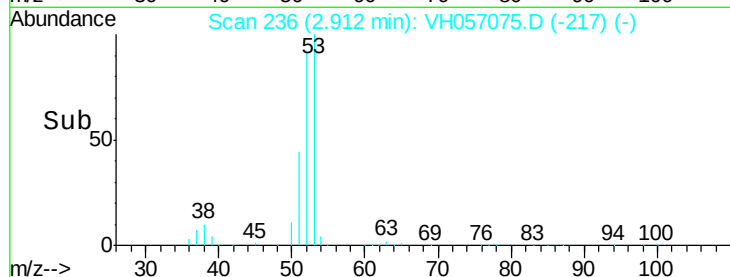
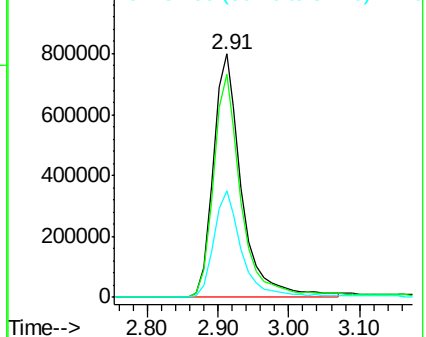
51 43.7 31.8 47.6



Abundance Ion 53.00 (52.70 to 53.70): VH0

Ion 52.00 (51.70 to 52.70): VH0

Ion 51.00 (50.70 to 51.70): VH0



#16

Allyl Chloride

Concen: 77.06 ug/l

RT: 2.07 min Scan# 156

Delta R.T. -0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

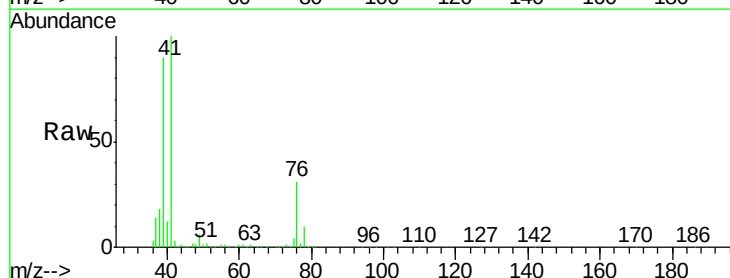
Tgt Ion: 41 Resp: 1415706

Ion Ratio Lower Upper

41 100

39 90.5 41.0 123.2

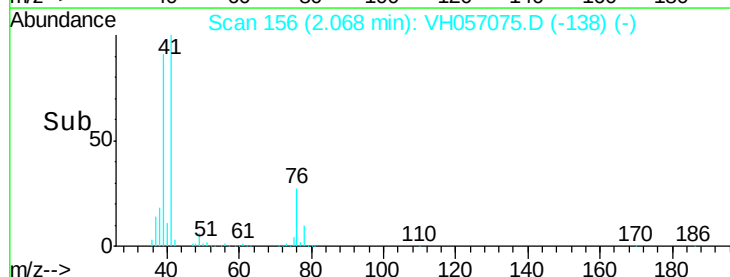
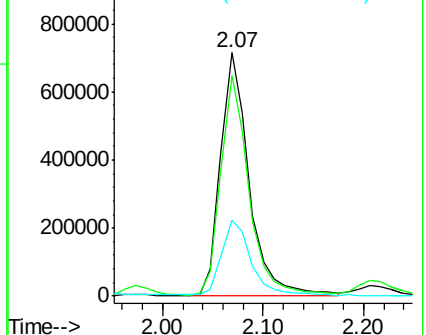
76 31.5 14.3 42.9

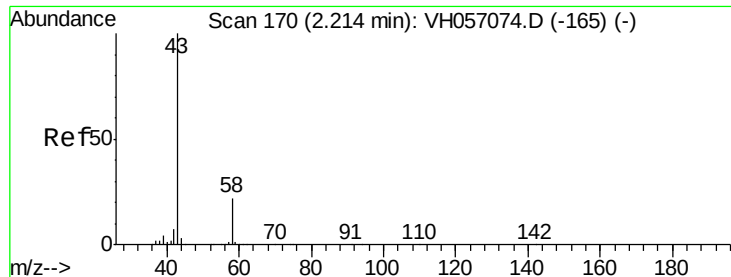


Abundance Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

Ion 76.00 (75.70 to 76.70): VH0





#17

Acetone

Concen: 416.76 ug/l

RT: 2.21 min Scan# 169

Delta R.T. -0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

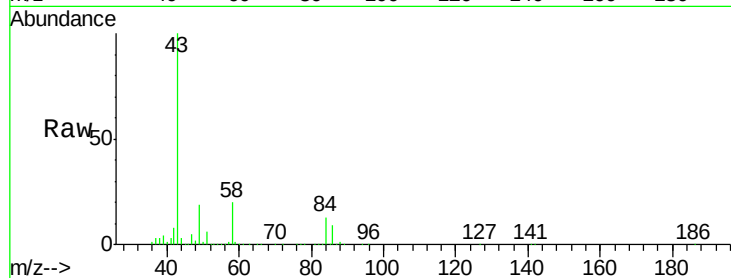
ICVVH091715

Tgt Ion: 43 Resp: 2674776

Ion Ratio Lower Upper

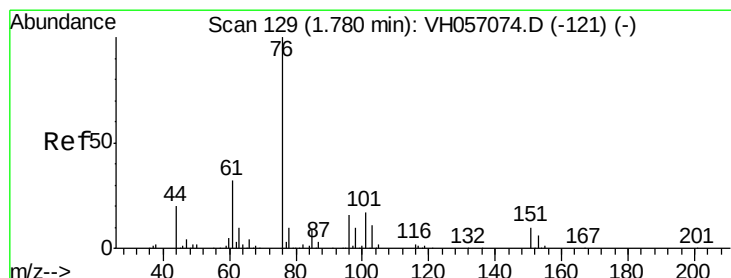
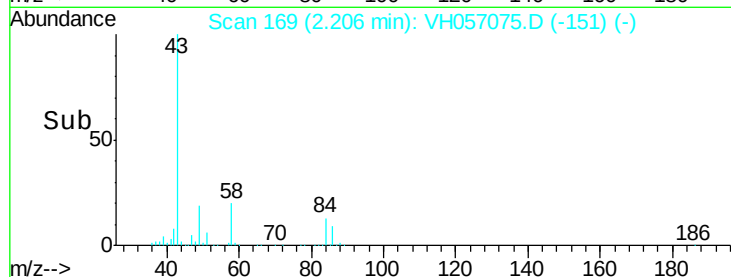
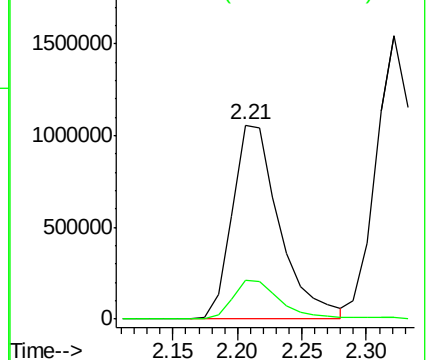
43 100

58 20.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 58.00 (57.70 to 58.70): VH0



#18

Carbon Disulfide

Concen: 78.56 ug/l

RT: 1.77 min Scan# 128

Delta R.T. -0.01 min

Lab File: VH057075.D

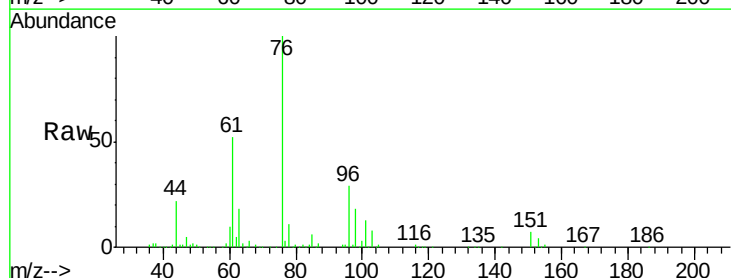
Acq: 17 Sep 2015 19:56

Tgt Ion: 76 Resp: 1930823

Ion Ratio Lower Upper

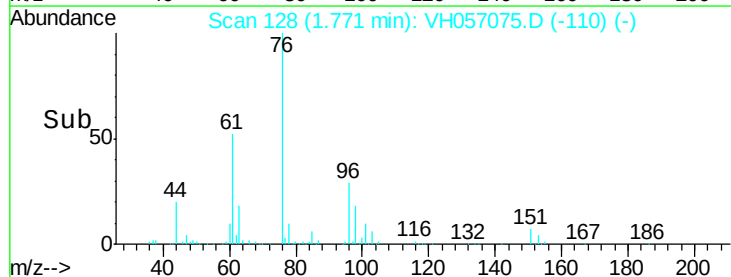
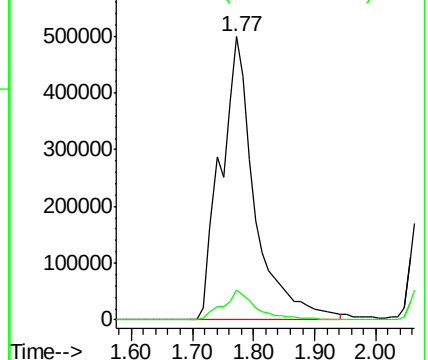
76 100

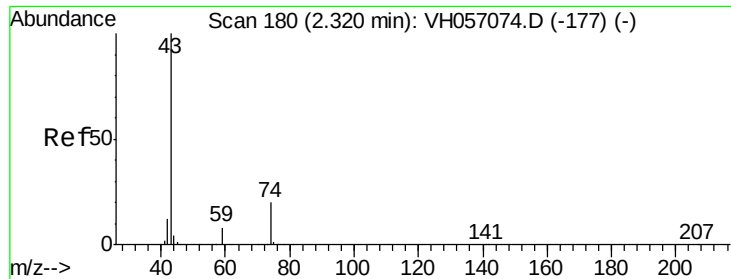
78 10.6 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VH0

Ion 78.00 (77.70 to 78.70): VH0

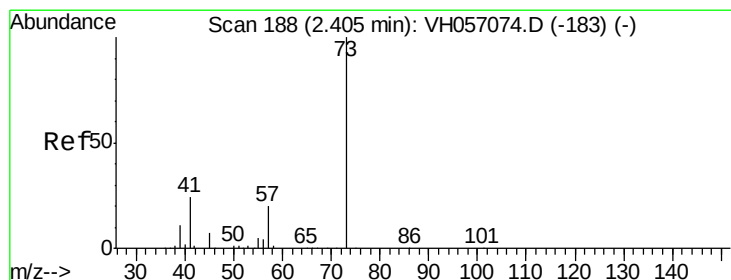
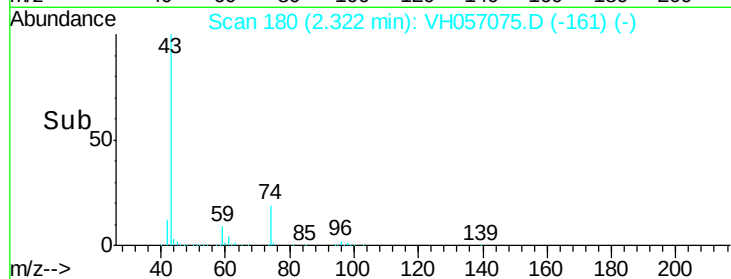
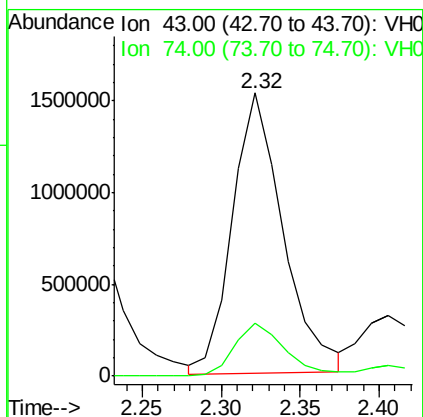
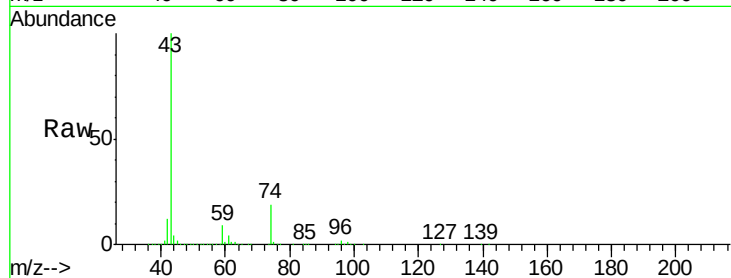




#19
Methyl Acetate
Concen: 74.33 ug/l
RT: 2.32 min Scan# 180
Delta R.T. 0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

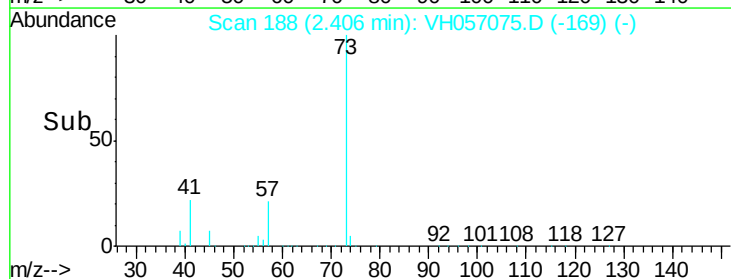
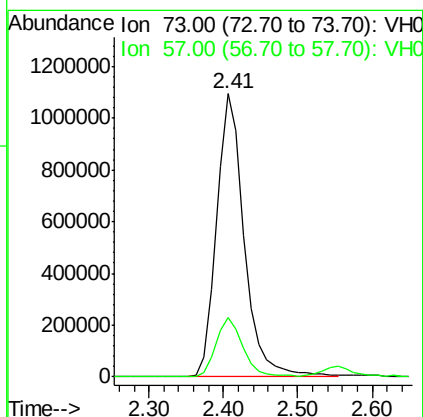
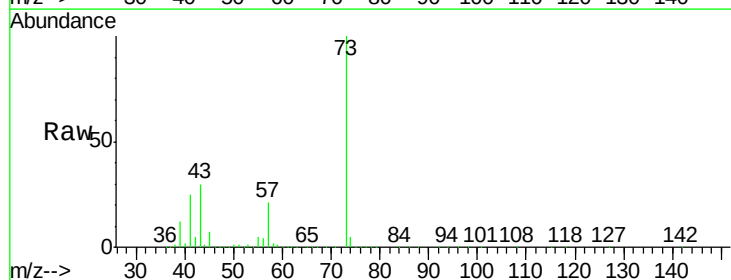
Instrument :
MSVOA_H
ClientSampleId :
ICVVH091715

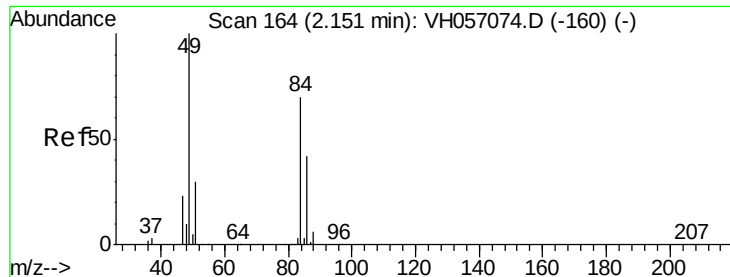
Tgt Ion: 43 Resp: 3403273
Ion Ratio Lower Upper
43 100
74 18.7 13.3 24.7



#20
Methyl tert-butyl Ether
Concen: 89.88 ug/l
RT: 2.41 min Scan# 188
Delta R.T. 0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

Tgt Ion: 73 Resp: 2803741
Ion Ratio Lower Upper
73 100
57 21.2 18.0 27.0





#21

Methylene Chloride

Concen: 37.54 ug/l

RT: 2.15 min Scan# 164

Delta R.T. 0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :
MSVOA_H
ClientSampleId :
ICVVH091715

Tgt Ion: 84 Resp: 342185

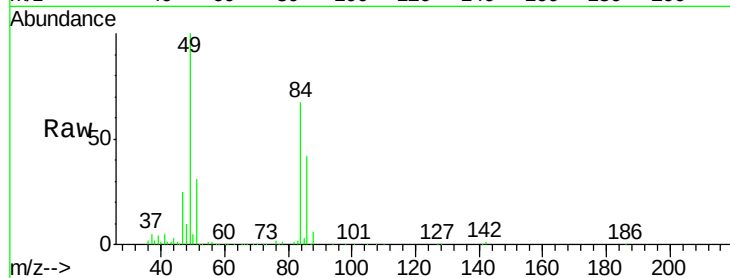
Ion Ratio Lower Upper

84 100

49 149.7 132.8 199.2

51 46.9 39.5 59.3

86 63.1 51.4 77.2

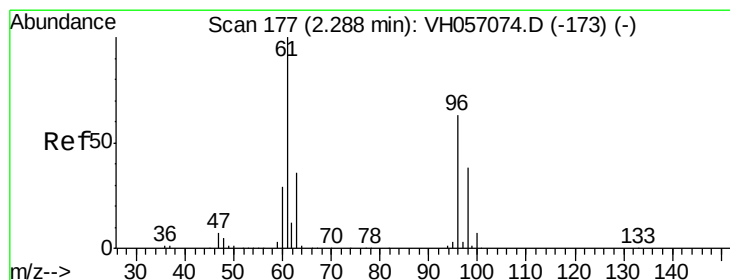
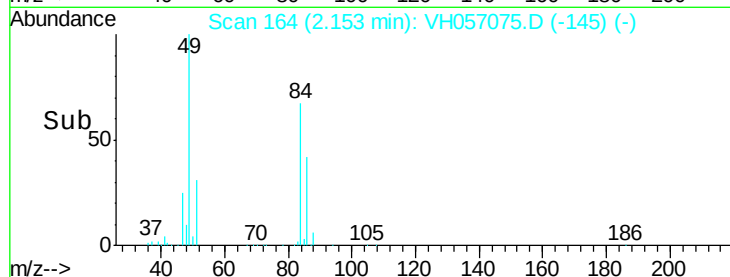
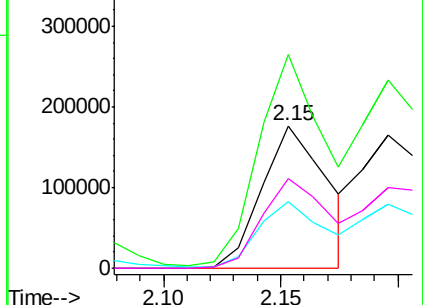


Abundance Ion 84.00 (83.70 to 84.70): VH0

Ion 49.00 (48.70 to 49.70): VH0

Ion 51.00 (50.70 to 51.70): VH0

Ion 86.00 (85.70 to 86.70): VH0



#22

trans-1,2-Dichloroethene

Concen: 88.76 ug/l

RT: 2.29 min Scan# 177

Delta R.T. 0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

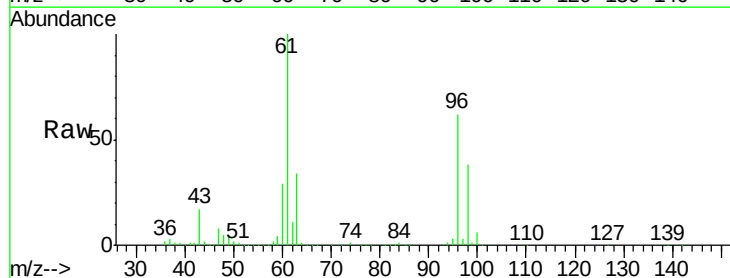
Tgt Ion: 96 Resp: 783211

Ion Ratio Lower Upper

96 100

61 161.5 131.7 197.5

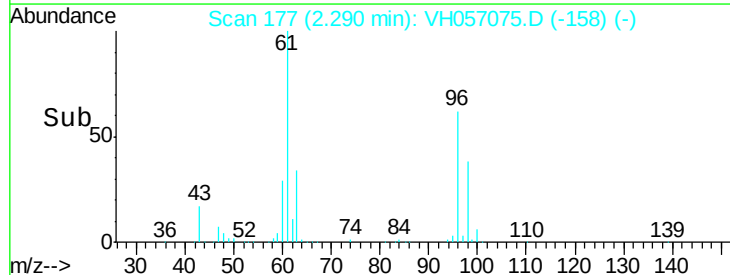
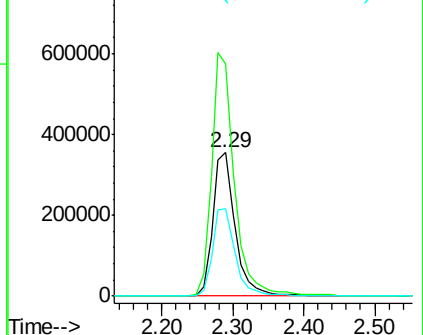
98 61.2 49.5 74.3

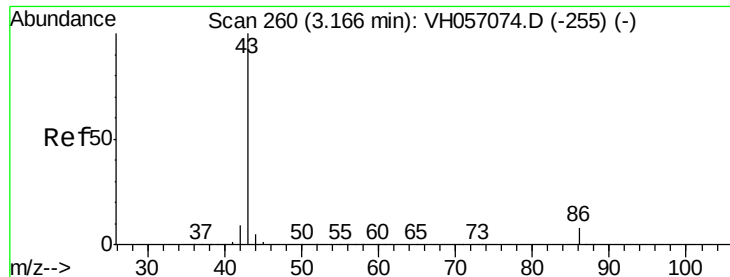


Abundance Ion 96.00 (95.70 to 96.70): VH0

Ion 61.00 (60.70 to 61.70): VH0

Ion 98.00 (97.70 to 98.70): VH0





#23

Vinyl Acetate

Concen: 427.29 ug/l

RT: 3.16 min Scan# 260

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

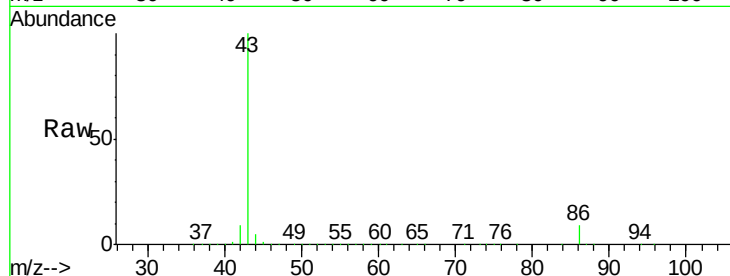
ICVVH091715

Tgt Ion: 43 Resp: 7654862

Ion Ratio Lower Upper

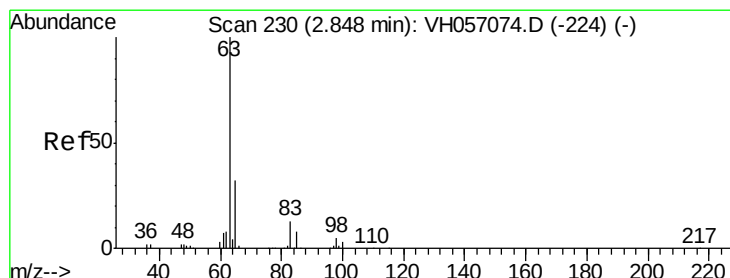
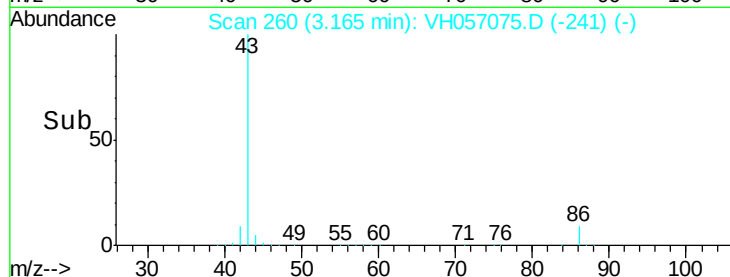
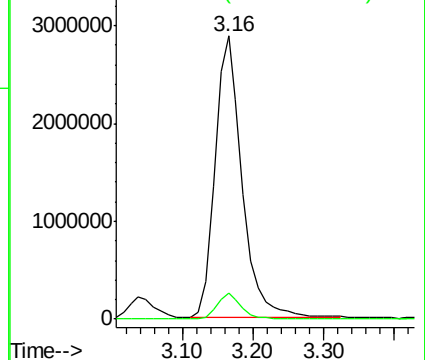
43 100

86 9.0 6.2 9.2



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 86.00 (85.70 to 86.70): VH0



#24

1,1-Dichloroethane

Concen: 86.47 ug/l

RT: 2.84 min Scan# 229

Delta R.T. -0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

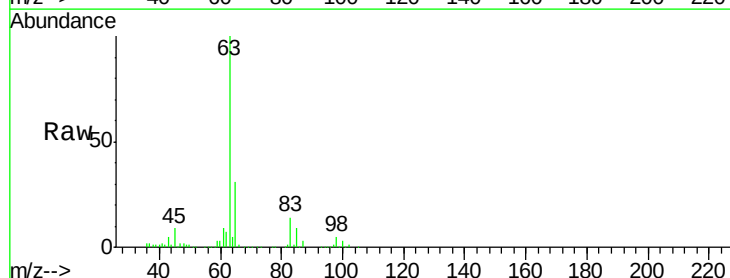
Tgt Ion: 63 Resp: 1658260

Ion Ratio Lower Upper

63 100

98 5.2 2.6 7.8

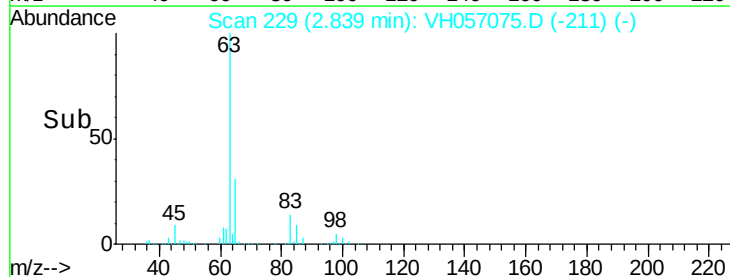
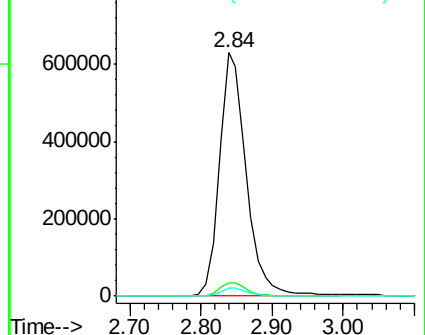
100 3.1 1.7 5.0

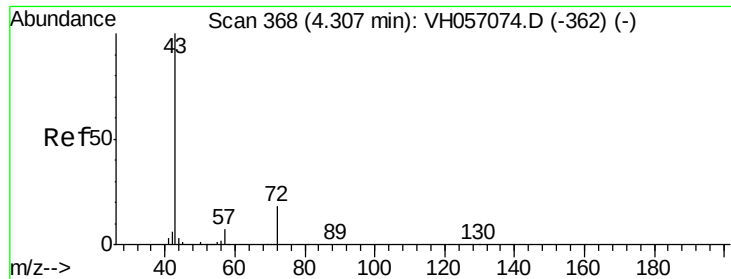


Abundance Ion 63.00 (62.70 to 63.70): VH0

Ion 98.00 (97.70 to 98.70): VH0

Ion 100.00 (99.70 to 100.70): VH0





#25

2-Butanone

Concen: 430.74 ug/l

RT: 4.30 min Scan# 368

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

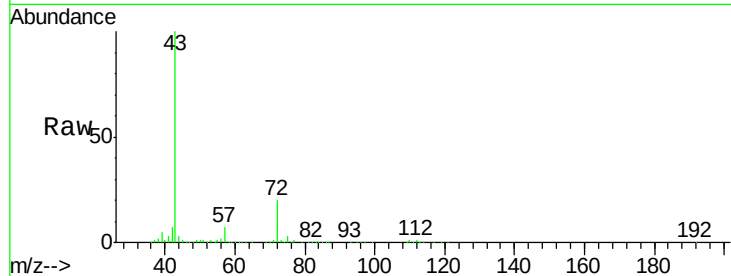
ICVVH091715

Tgt Ion: 43 Resp: 6102024

Ion Ratio Lower Upper

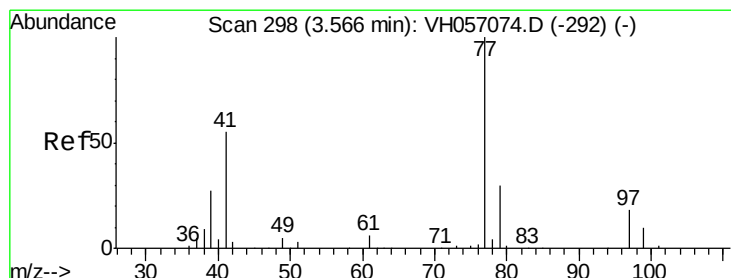
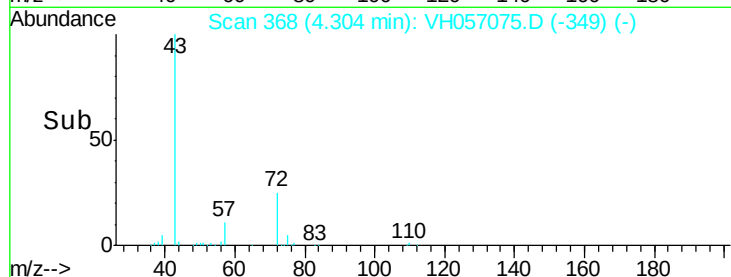
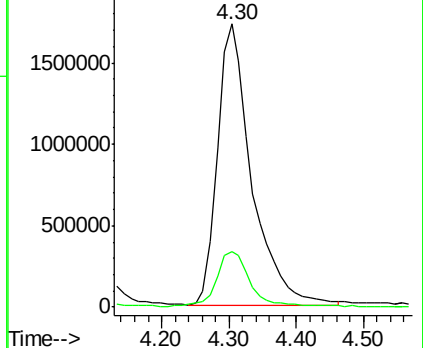
43 100

72 19.7 0.0 39.2



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 72.00 (71.70 to 72.70): VH0



#26

2,2-Dichloropropane

Concen: 92.64 ug/l

RT: 3.57 min Scan# 298

Delta R.T. -0.00 min

Lab File: VH057075.D

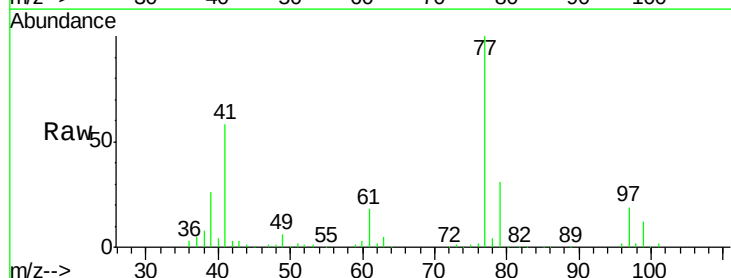
Acq: 17 Sep 2015 19:56

Tgt Ion: 77 Resp: 976106

Ion Ratio Lower Upper

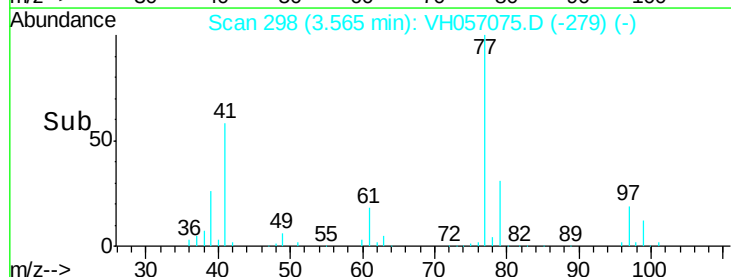
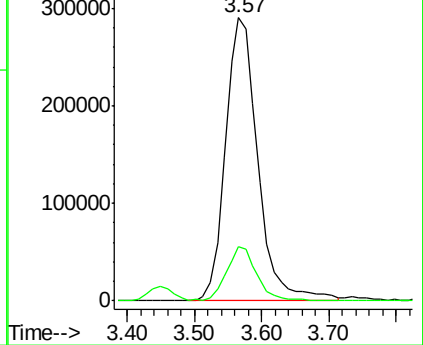
77 100

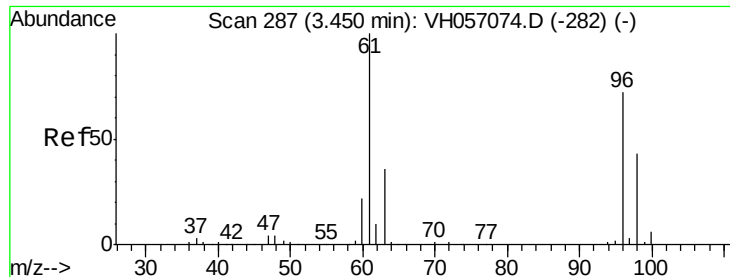
97 19.2 8.8 26.4



Abundance Ion 77.00 (76.70 to 77.70): VH0

Ion 97.00 (96.70 to 97.70): VH0



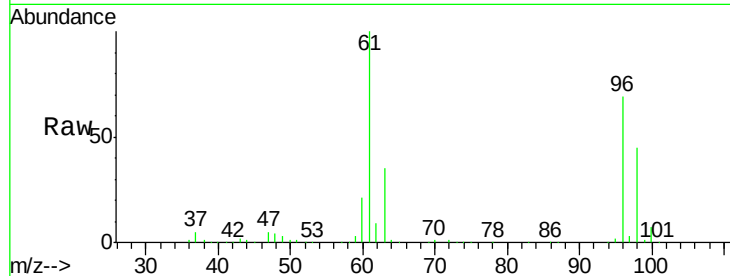


#27

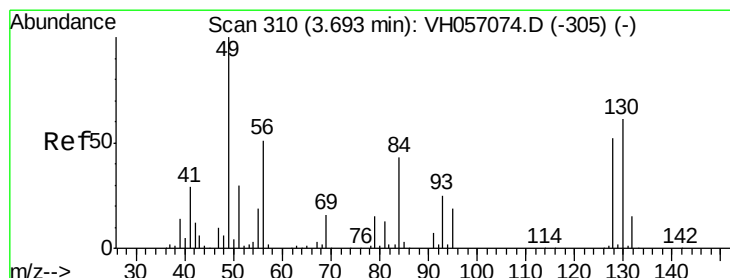
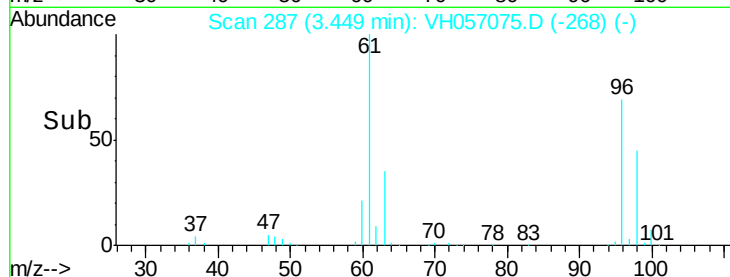
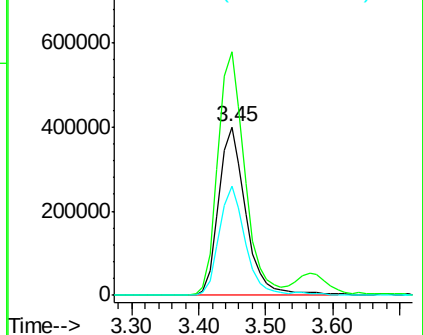
cis-1,2-Dichloroethene
Concen: 101.40 ug/l
RT: 3.45 min Scan# 287
Delta R.T. -0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

Instrument :
MSVOA_H
ClientSampleId :
ICVVH091715

Tgt Ion: 96 Resp: 1127736
Ion Ratio Lower Upper
96 100
61 144.5 115.4 173.0
98 64.6 49.7 74.5



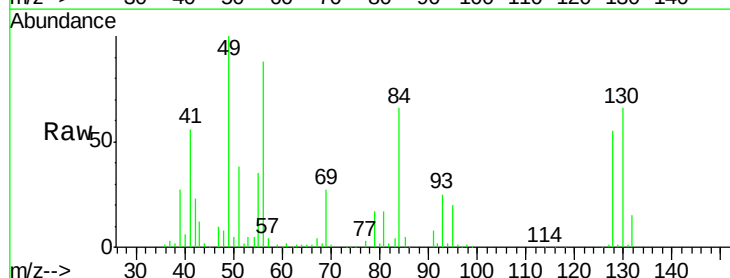
Abundance Ion 96.00 (95.70 to 96.70): VH0
Ion 61.00 (60.70 to 61.70): VH0
Ion 98.00 (97.70 to 98.70): VH0



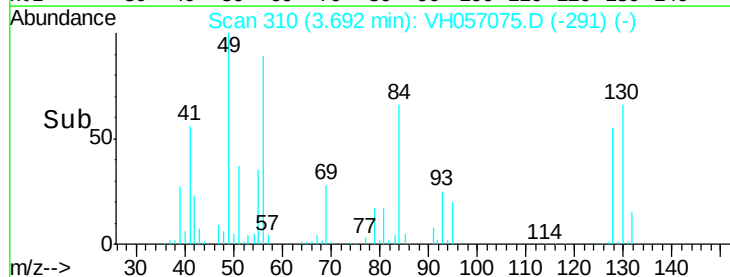
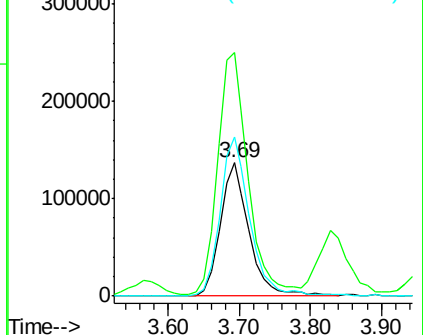
#28

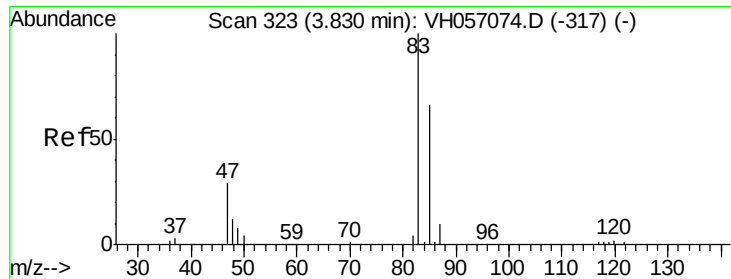
Bromochloromethane
Concen: 93.28 ug/l
RT: 3.69 min Scan# 310
Delta R.T. -0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

Tgt Ion: 128 Resp: 387141
Ion Ratio Lower Upper
128 100
49 182.6 0.0 441.4
130 119.6 100.7 151.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VH0
Ion 130.00 (129.70 to 130.70): V

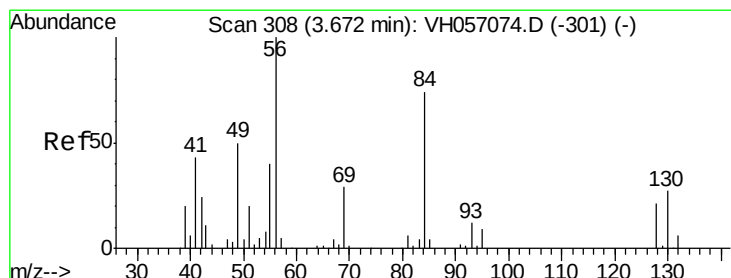
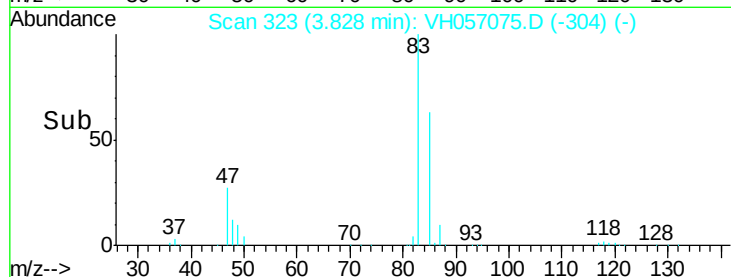
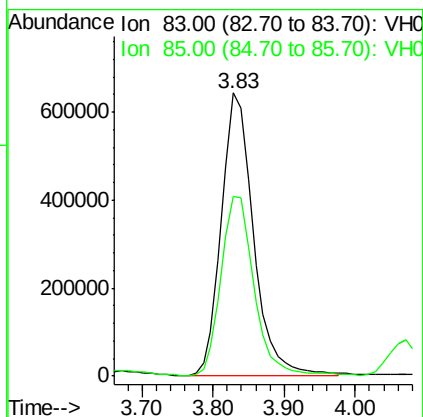
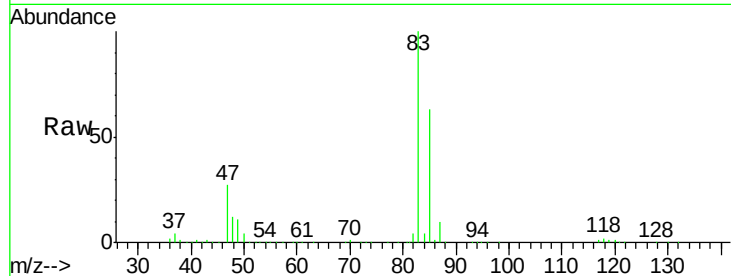




#29
Chloroform
Concen: 98.88 ug/l
RT: 3.83 min Scan# 323
Delta R.T. -0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

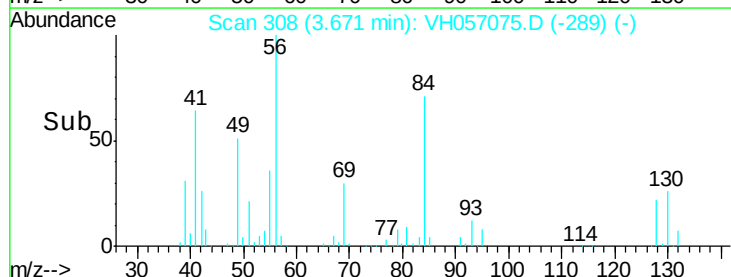
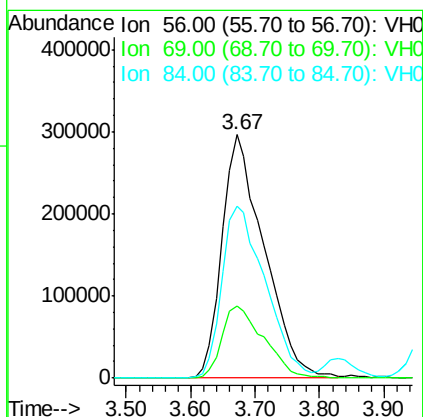
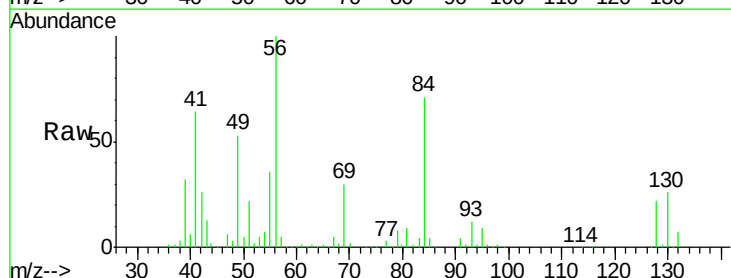
Instrument :
MSVOA_H
ClientSampleId :
ICVVH091715

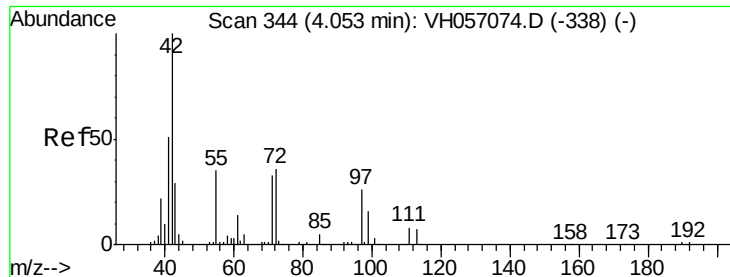
Tgt Ion: 83 Resp: 1987678
Ion Ratio Lower Upper
83 100
85 63.4 54.3 81.5



#30
Cyclohexane
Concen: 91.66 ug/l
RT: 3.67 min Scan# 308
Delta R.T. -0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

Tgt Ion: 56 Resp: 1342104
Ion Ratio Lower Upper
56 100
69 29.6 18.1 33.7
84 70.5 0.0 136.8

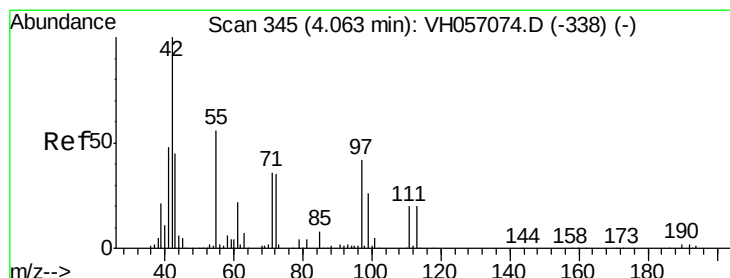
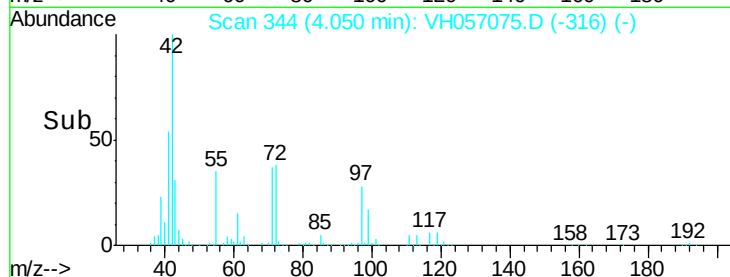
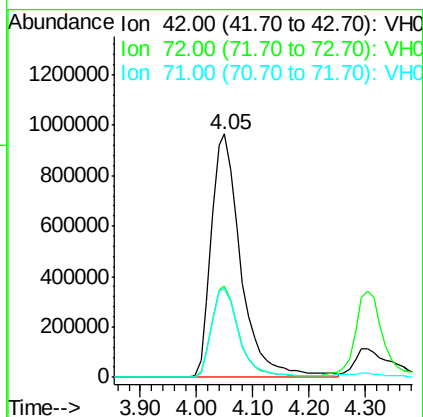
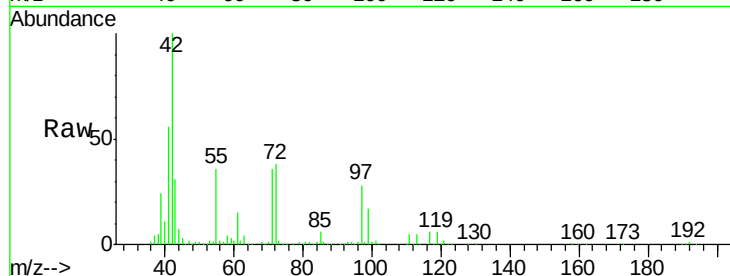




#31
Tetrahydrofuran
Concen: 426.71 ug/l
RT: 4.05 min Scan# 344
Delta R.T. -0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

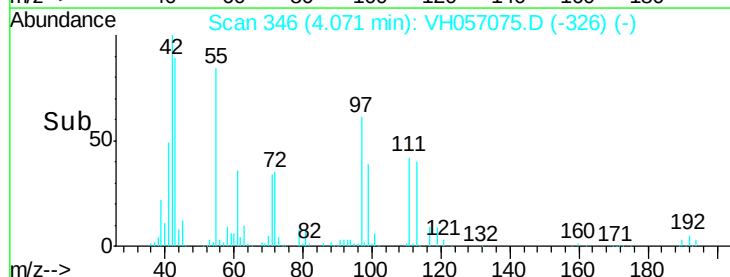
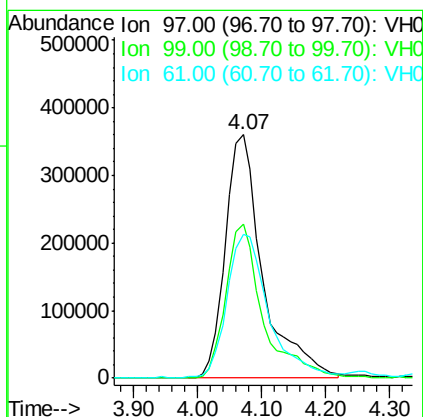
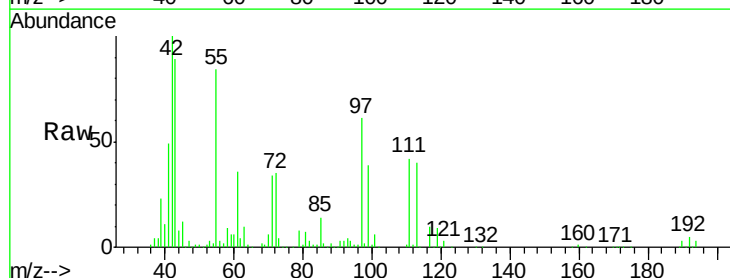
Instrument :
MSVOA_H
ClientSampleId :
ICVVH091715

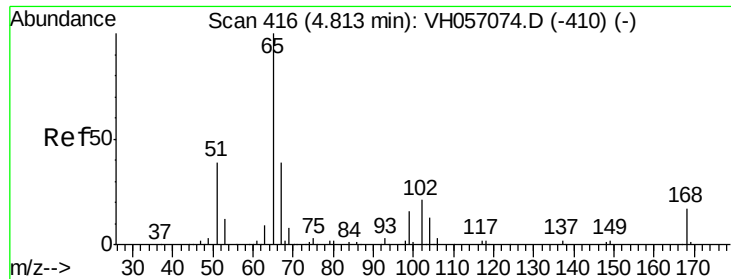
Tgt Ion: 42 Resp: 3512718
Ion Ratio Lower Upper
42 100
72 34.5 25.5 38.3
71 34.1 25.4 38.0



#32
1,1,1-Trichloroethane
Concen: 104.91 ug/l
RT: 4.07 min Scan# 346
Delta R.T. 0.01 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

Tgt Ion: 97 Resp: 1464317
Ion Ratio Lower Upper
97 100
99 63.1 49.8 74.6
61 59.1 45.0 67.4

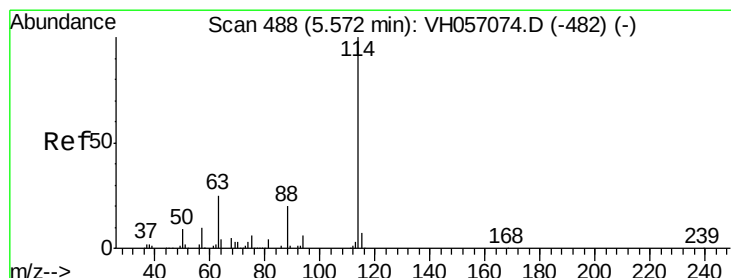
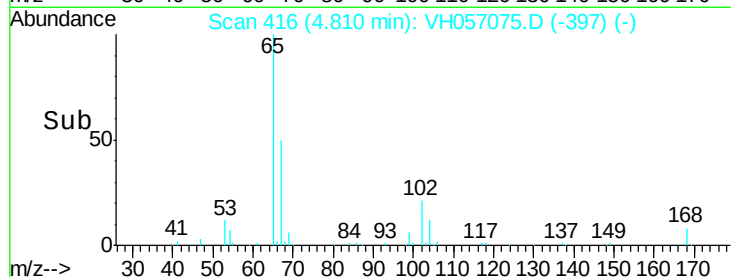
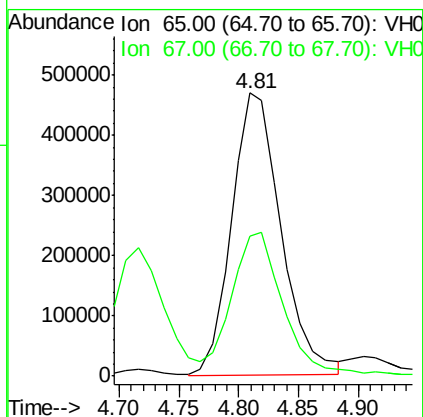
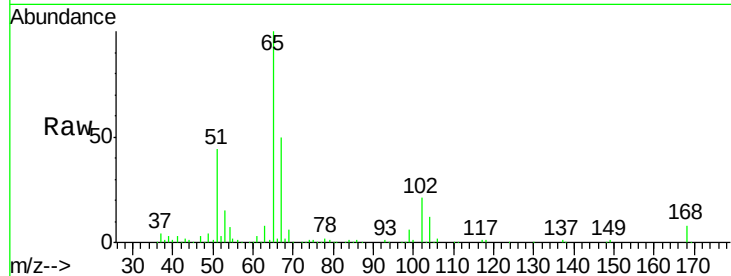




#33
 1,2-Dichloroethane-d4
 Concen: 109.27 ug/l
 RT: 4.81 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

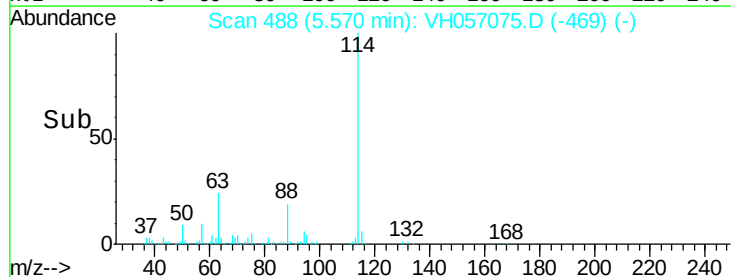
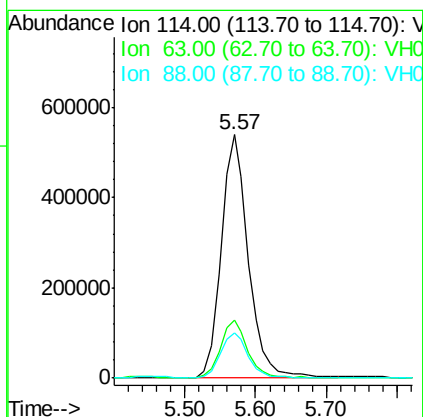
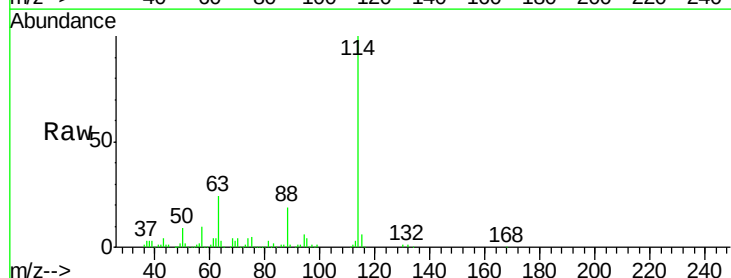
Instrument :
 MSVOA_H
 ClientSampleId :
 ICVVH091715

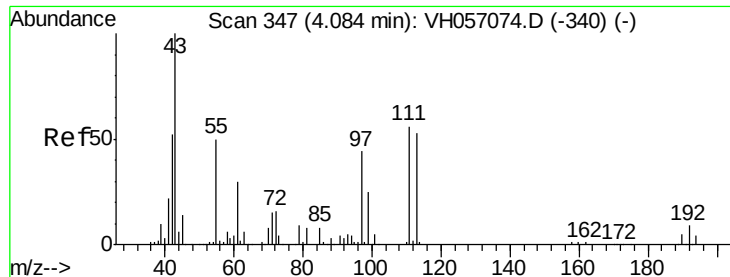
Tgt Ion: 65 Resp: 1356784
 Ion Ratio Lower Upper
 65 100
 67 49.6 43.2 64.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.57 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

Tgt Ion: 114 Resp: 1451475
 Ion Ratio Lower Upper
 114 100
 63 23.9 19.0 28.4
 88 18.5 15.7 23.5





#35

Dibromofluoromethane

Concen: 103.41 ug/l

RT: 4.09 min Scan# 348

Delta R.T. 0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

ICVVH091715

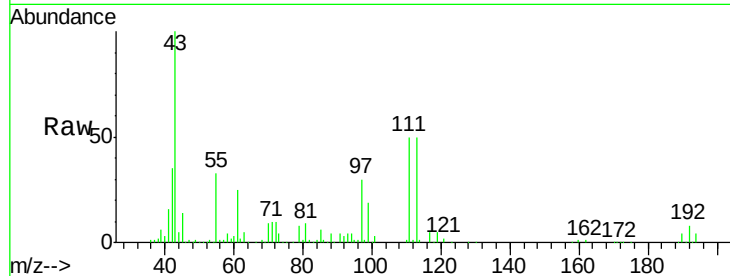
Tgt Ion:113 Resp: 1086417

Ion Ratio Lower Upper

113 100

111 100.0 84.0 126.0

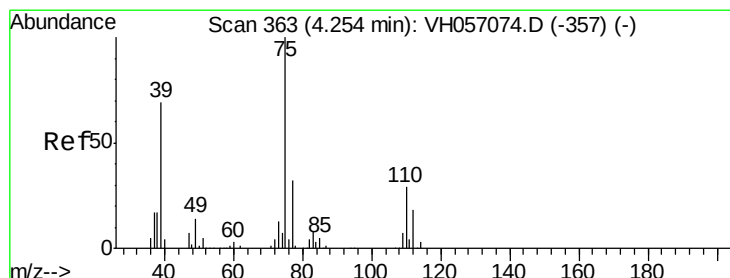
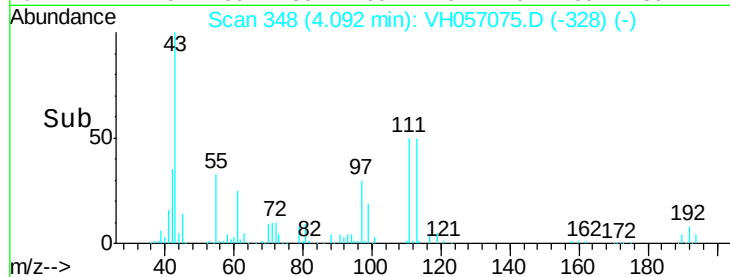
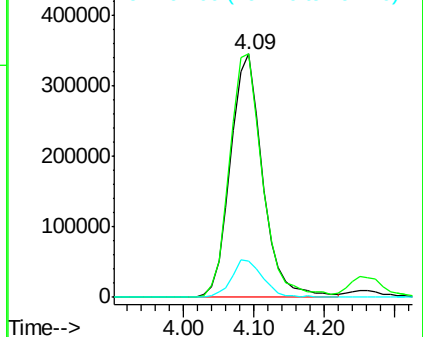
192 15.0 13.6 20.4



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 106.65 ug/l

RT: 4.26 min Scan# 364

Delta R.T. 0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

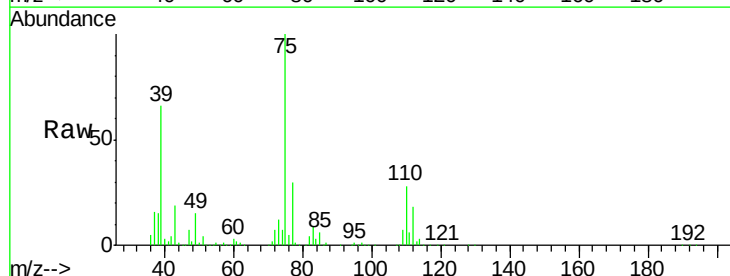
Tgt Ion: 75 Resp: 1587378

Ion Ratio Lower Upper

75 100

110 27.8 13.7 41.1

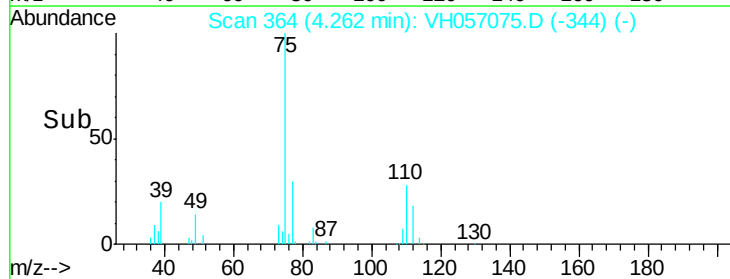
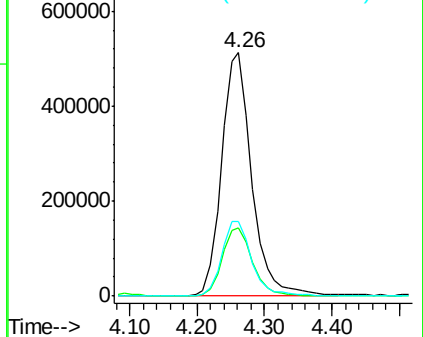
77 30.4 24.0 36.0

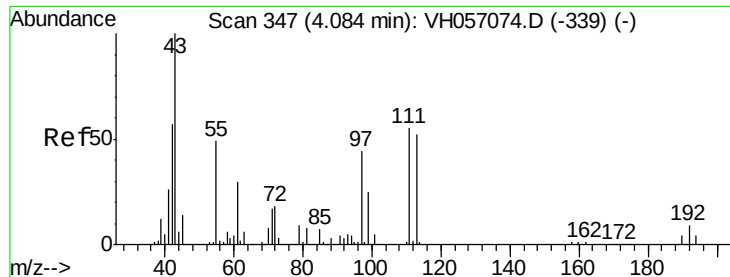


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): V

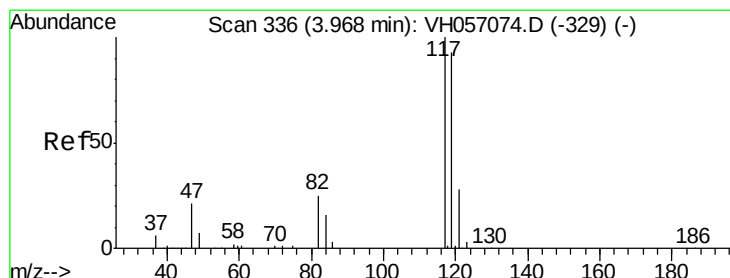
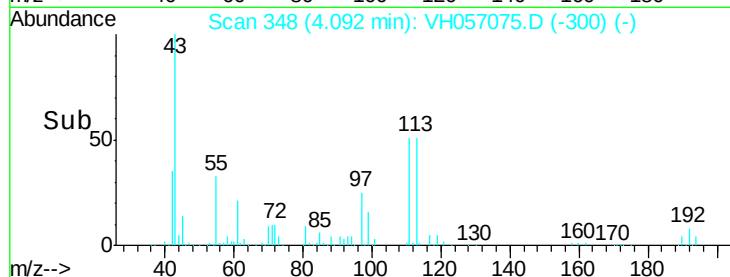
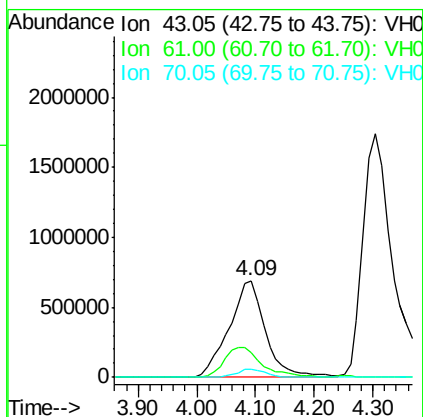
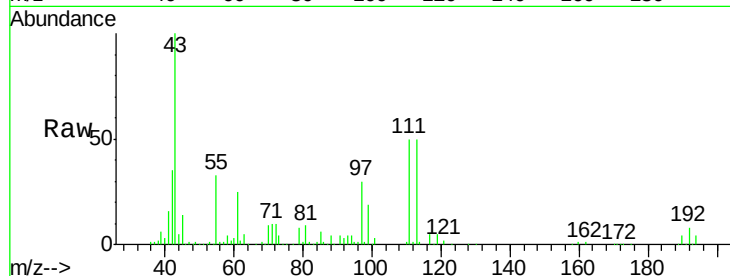




#37
Ethyl acetate
Concen: 93.12 ug/l
RT: 4.09 min Scan# 348
Delta R.T. 0.01 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

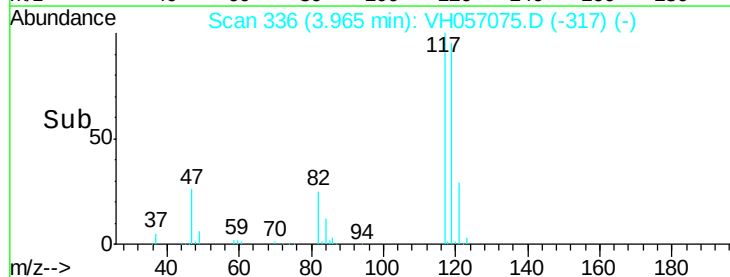
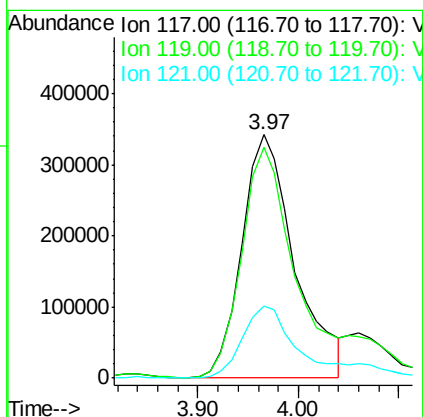
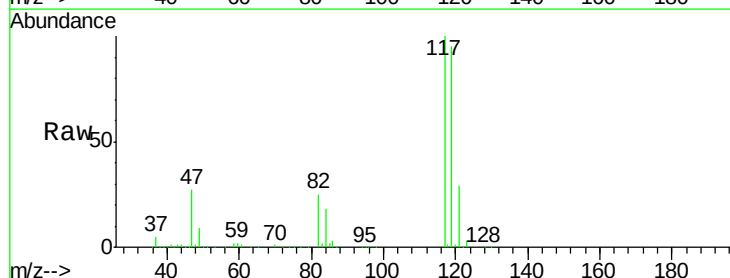
Instrument :
MSVOA_H
ClientSampleId :
ICVVH091715

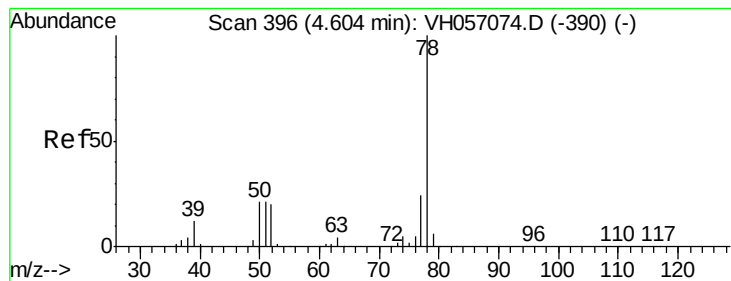
Tgt Ion: 43 Resp: 2898695
Ion Ratio Lower Upper
43 100
61 0.0 23.9 35.9#
70 7.0 5.4 8.0



#38
Carbon Tetrachloride
Concen: 106.70 ug/l
RT: 3.97 min Scan# 336
Delta R.T. -0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

Tgt Ion: 117 Resp: 1251742
Ion Ratio Lower Upper
117 100
119 95.0 78.7 118.1
121 29.4 25.9 38.9





#39

Benzene

Concen: 99.69 ug/l

RT: 4.61 min Scan# 397

Delta R.T. 0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

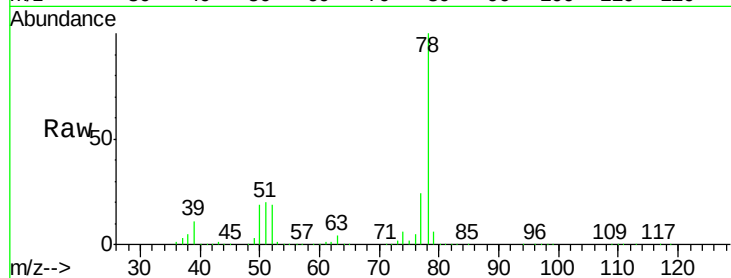
ICVVH091715

Tgt Ion: 78 Resp: 3727938

Ion Ratio Lower Upper

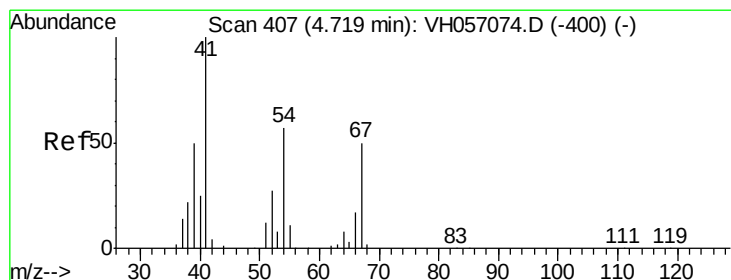
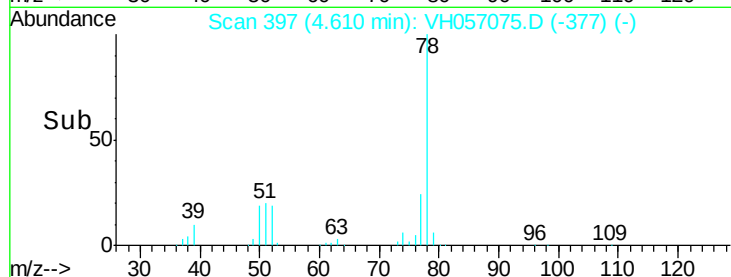
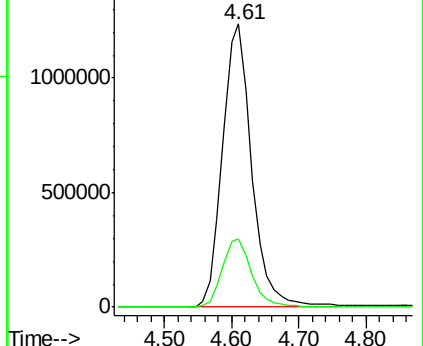
78 100

77 24.3 18.5 27.7



Abundance Ion 78.10 (77.80 to 78.80): VH0

Ion 77.00 (76.70 to 77.70): VH0



#40

Methacrylonitrile

Concen: 92.82 ug/l

RT: 4.72 min Scan# 407

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Tgt Ion: 41 Resp: 1340741

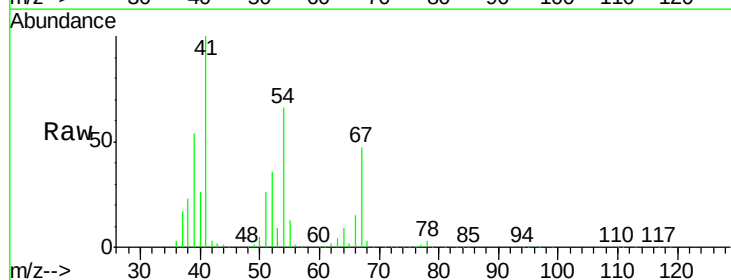
Ion Ratio Lower Upper

41 100

39 54.4 25.1 75.2

67 46.8 22.5 67.5

52 36.2 19.0 57.0

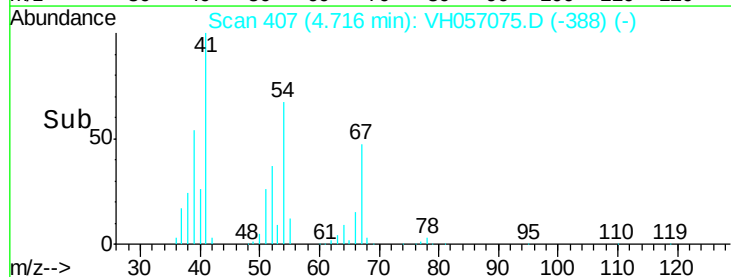
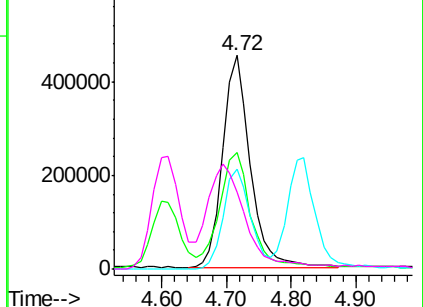


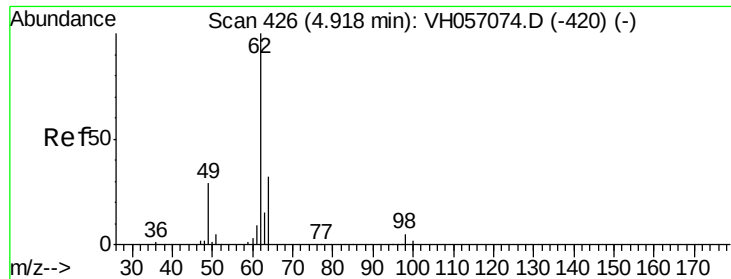
Abundance Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

Ion 67.00 (66.70 to 67.70): VH0

Ion 52.00 (51.70 to 52.70): VH0





#41

1,2-Dichloroethane

Concen: 103.95 ug/l

RT: 4.91 min Scan# 426

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

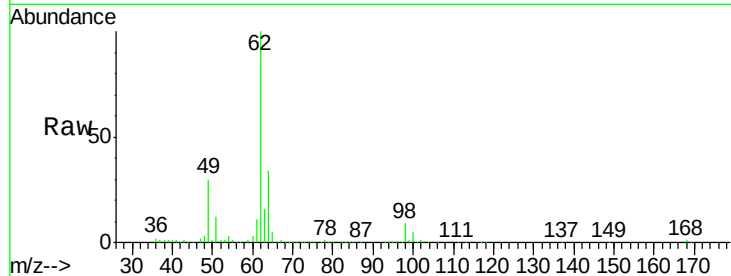
ICVVH091715

Tgt Ion: 62 Resp: 1666262

Ion Ratio Lower Upper

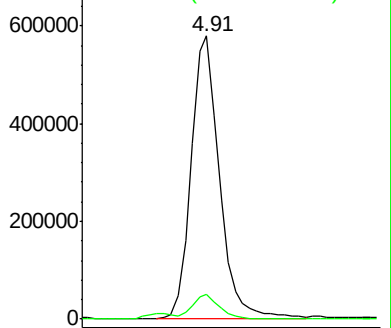
62 100

98 8.9 7.3 10.9

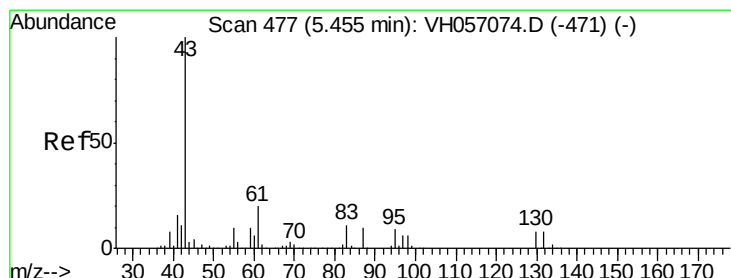
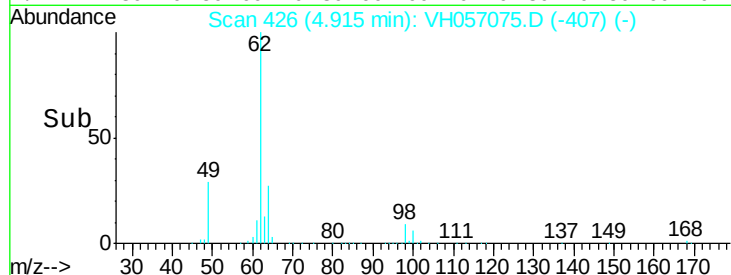


Abundance Ion 62.00 (61.70 to 62.70): VH0

Ion 98.00 (97.70 to 98.70): VH0



Time-->



#42

Isopropyl Acetate

Concen: 93.24 ug/l

RT: 5.45 min Scan# 477

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

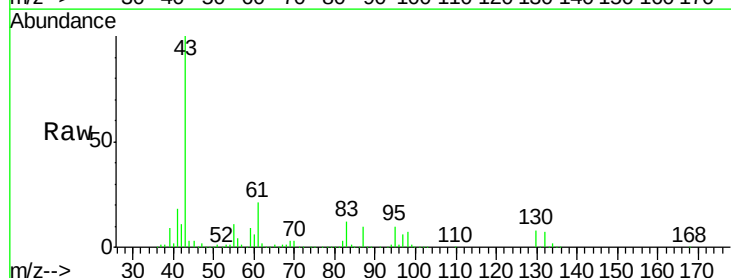
Tgt Ion: 43 Resp: 3752488

Ion Ratio Lower Upper

43 100

61 21.0 15.8 23.6

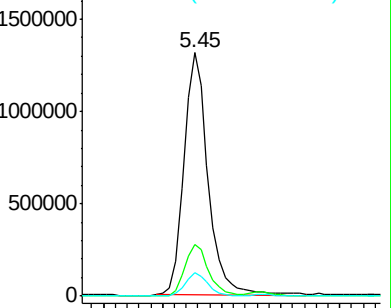
87 9.8 7.0 10.6



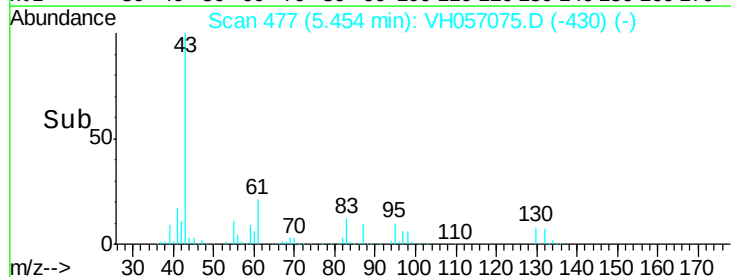
Abundance Ion 43.05 (42.75 to 43.75): VH0

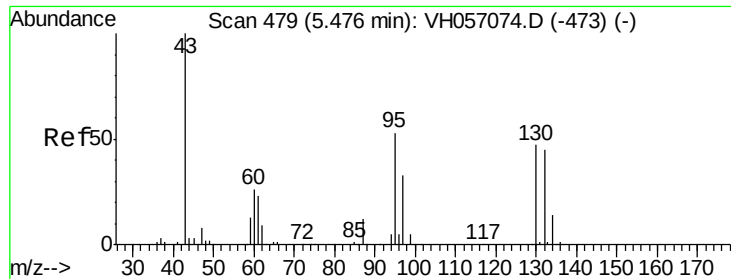
Ion 61.00 (60.70 to 61.70): VH0

Ion 87.00 (86.70 to 87.70): VH0



Time-->





#43

Trichloroethene

Concen: 107.34 ug/l

RT: 5.48 min Scan# 479

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

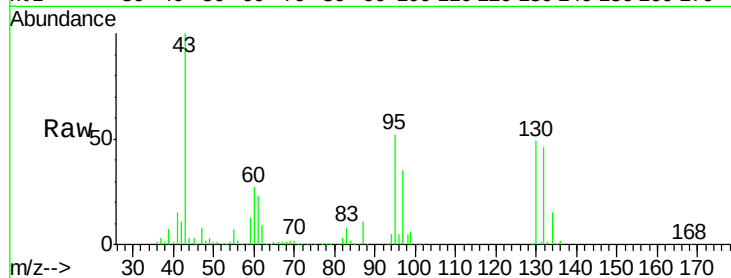
ICVVH091715

Tgt Ion:130 Resp: 998318

Ion Ratio Lower Upper

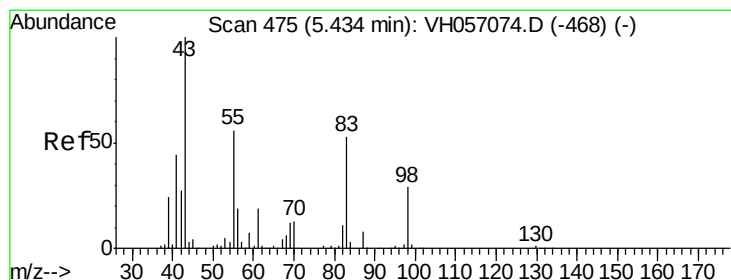
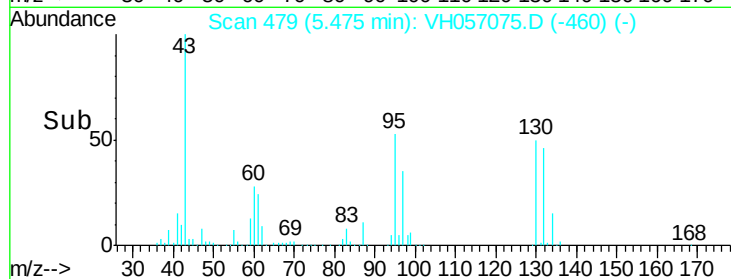
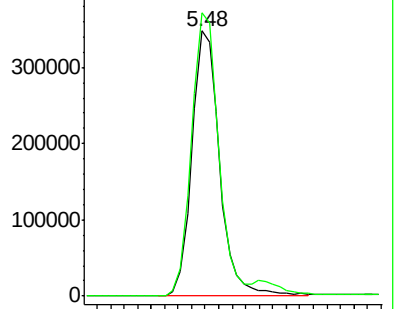
130 100

95 106.7 84.0 126.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VHC



#44

Methylcyclohexane

Concen: 100.11 ug/l

RT: 5.43 min Scan# 475

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

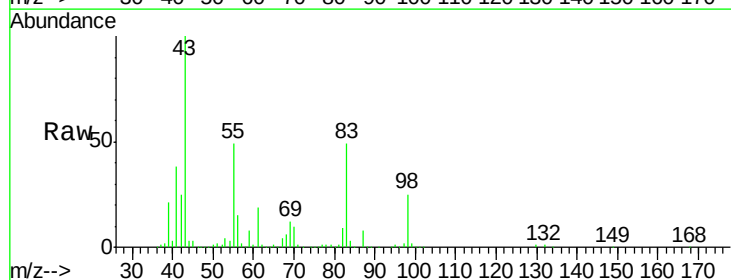
Tgt Ion: 83 Resp: 922278

Ion Ratio Lower Upper

83 100

55 99.7 0.0 207.2

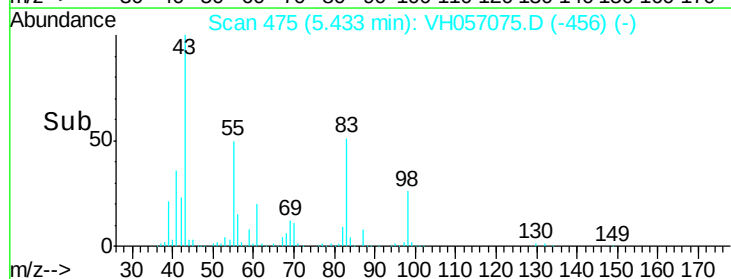
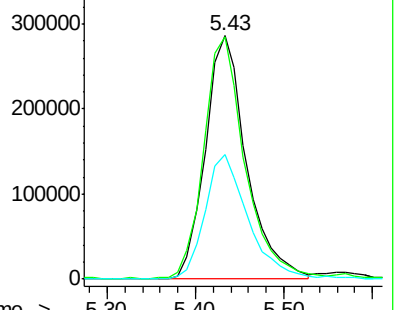
98 51.1 0.0 108.4

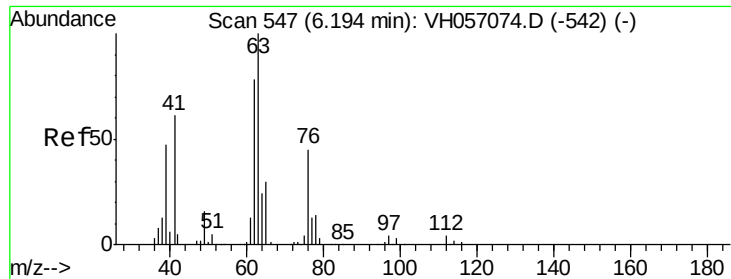


Abundance Ion 83.00 (82.70 to 83.70): VHC

Ion 55.00 (54.70 to 55.70): VHC

Ion 98.00 (97.70 to 98.70): VHC

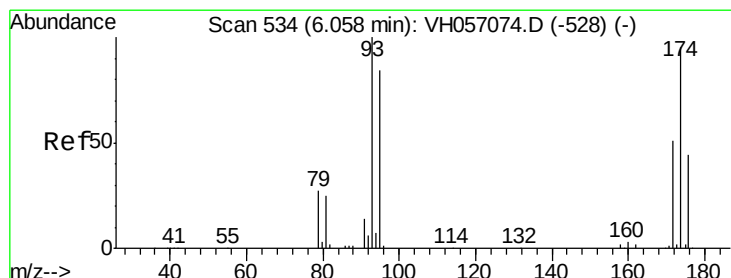
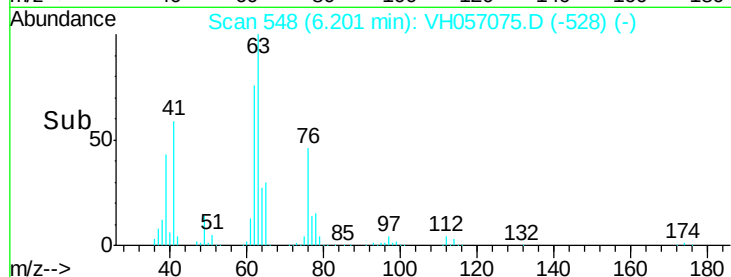
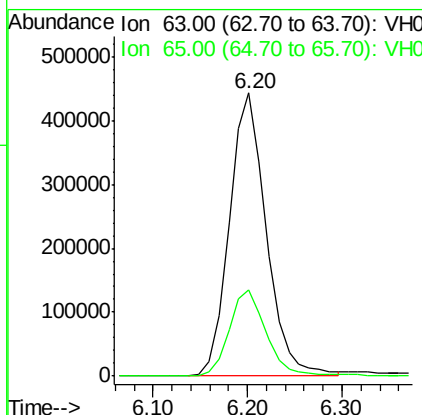
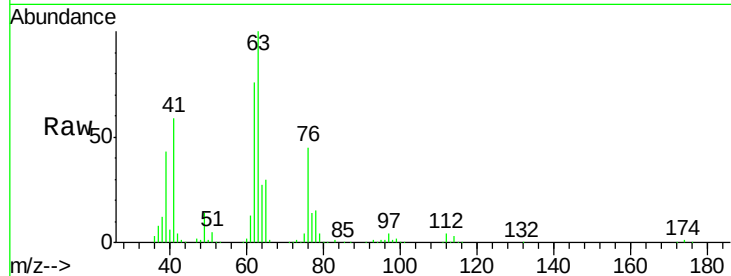




#45
 1,2-Dichloropropane
 Concen: 99.02 ug/l
 RT: 6.20 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

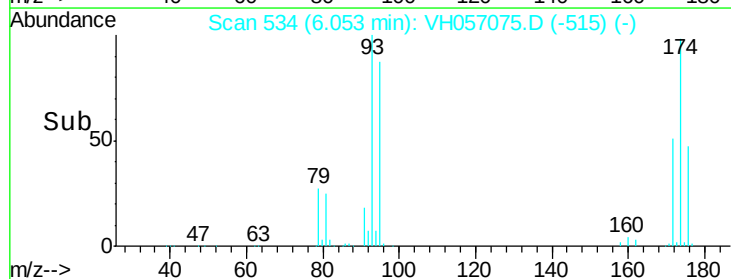
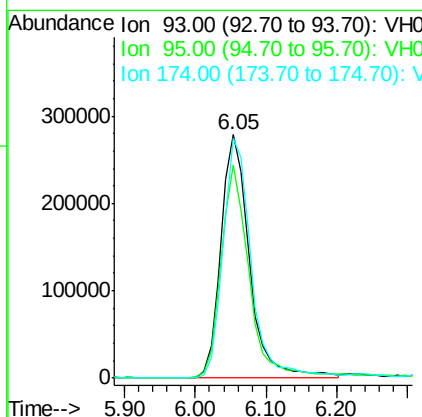
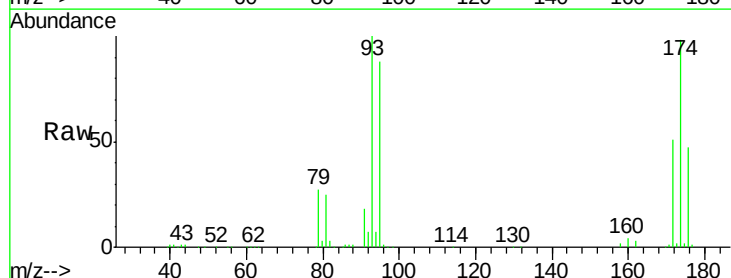
Instrument :
 MSVOA_H
 ClientSampleId :
 ICVVH091715

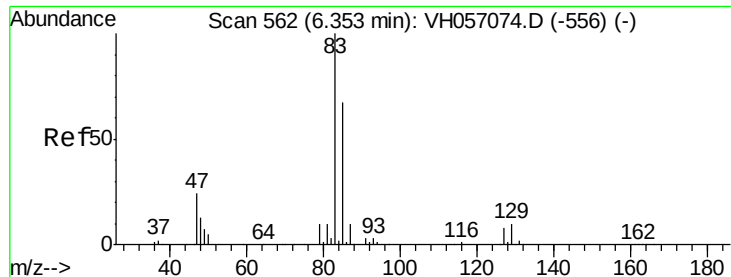
Tgt Ion: 63 Resp: 1191032
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.8 35.8



#46
 Dibromomethane
 Concen: 103.73 ug/l
 RT: 6.05 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

Tgt Ion: 93 Resp: 784052
 Ion Ratio Lower Upper
 93 100
 95 87.6 69.5 104.3
 174 98.4 75.8 113.6





#47

Bromodichloromethane

Concen: 105.71 ug/l

RT: 6.35 min Scan# 562

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

ICVVH091715

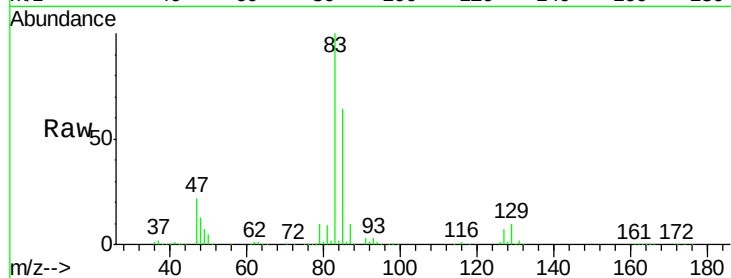
Tgt Ion: 83 Resp: 1631313

Ion Ratio Lower Upper

83 100

85 63.8 52.6 78.8

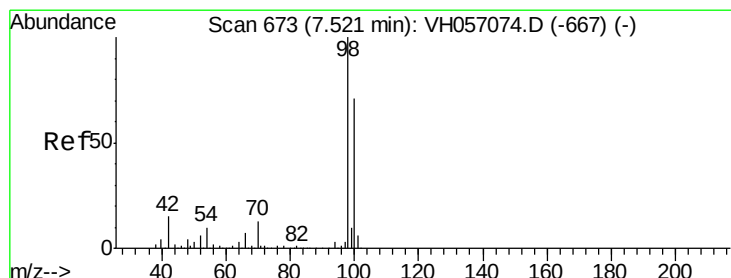
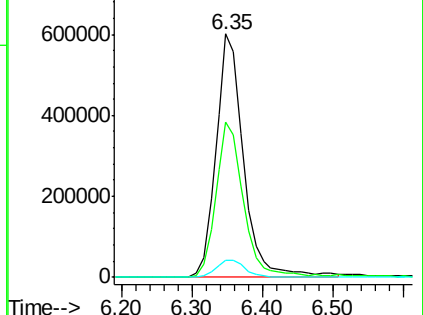
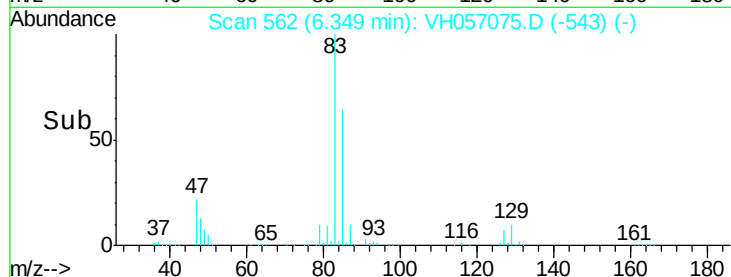
127 7.1 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VH0

Ion 85.00 (84.70 to 85.70): VH0

Ion 127.00 (126.70 to 127.70): V



#48

Toluene-d8

Concen: 112.83 ug/l

RT: 7.52 min Scan# 673

Delta R.T. -0.00 min

Lab File: VH057075.D

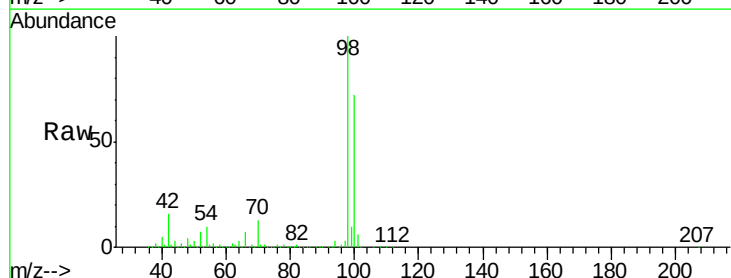
Acq: 17 Sep 2015 19:56

Tgt Ion: 98 Resp: 3146720

Ion Ratio Lower Upper

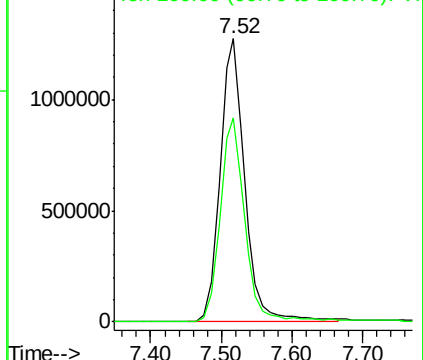
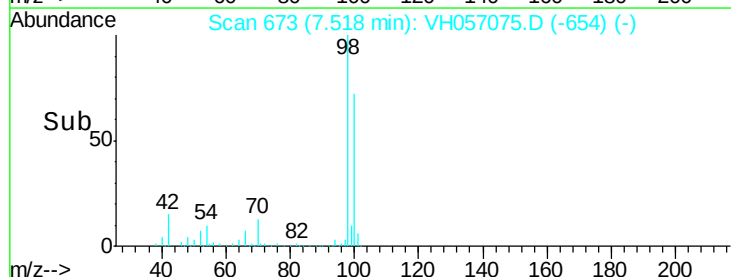
98 100

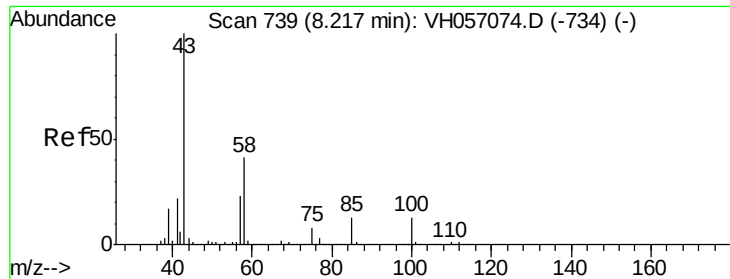
100 72.3 56.7 85.1



Abundance Ion 98.00 (97.70 to 98.70): VH0

Ion 100.00 (99.70 to 100.70): VH





#49

4-Methyl-2-Pentanone

Concen: 442.61 ug/l

RT: 8.22 min Scan# 739

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

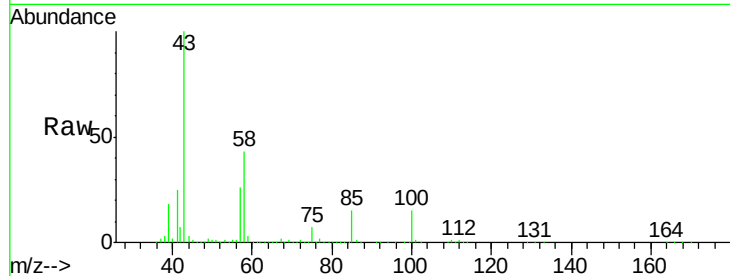
ICVVH091715

Tgt Ion: 43 Resp:10919717

Ion Ratio Lower Upper

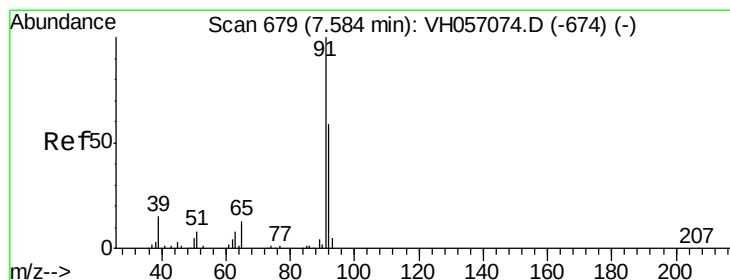
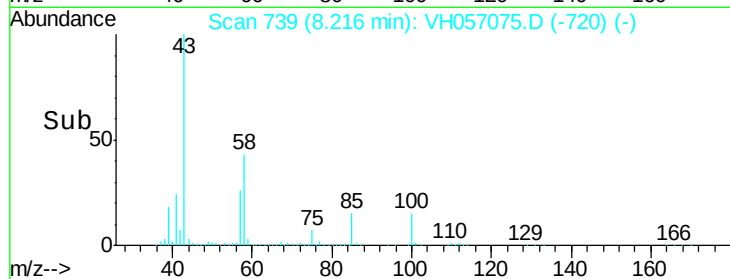
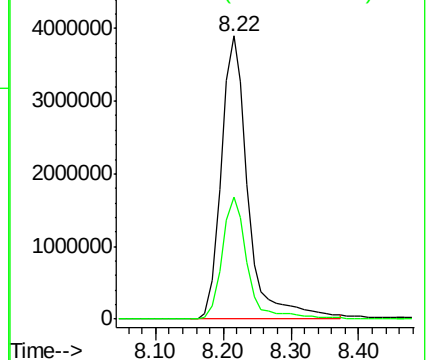
43 100

58 43.1 20.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 58.00 (57.70 to 58.70): VH0



#50

Toluene

Concen: 102.22 ug/l

RT: 7.58 min Scan# 679

Delta R.T. -0.00 min

Lab File: VH057075.D

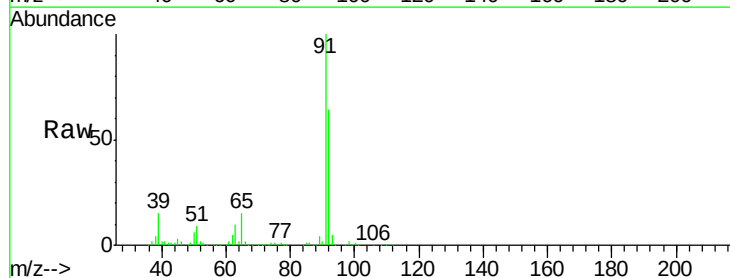
Acq: 17 Sep 2015 19:56

Tgt Ion: 92 Resp: 2444106

Ion Ratio Lower Upper

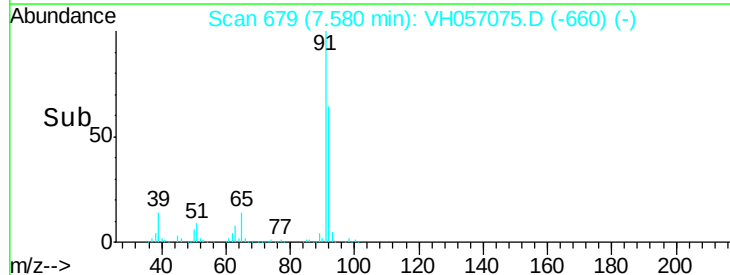
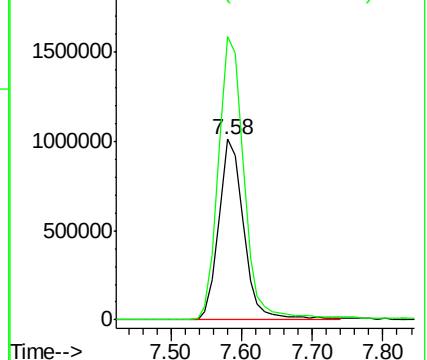
92 100

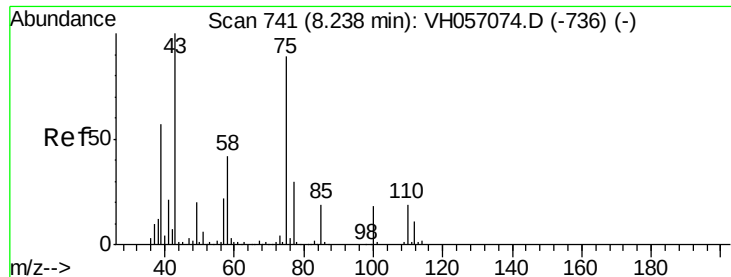
91 156.7 125.8 188.6



Abundance Ion 92.00 (91.70 to 92.70): VH0

Ion 91.00 (90.70 to 91.70): VH0





#51

t-1,3-Dichloropropene

Concen: 110.84 ug/l

RT: 8.24 min Scan# 741

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

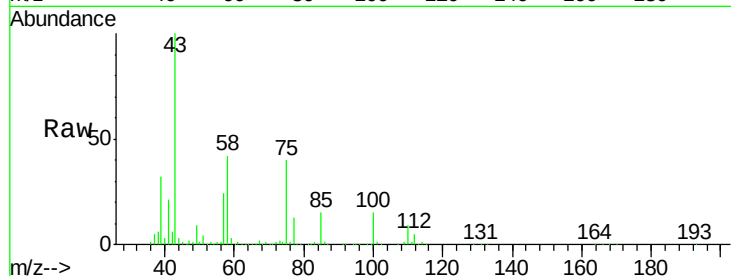
ICVVH091715

Tgt Ion: 75 Resp: 1969293

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VH0

Ion 77.00 (76.70 to 77.70): VH0

8.24

800000

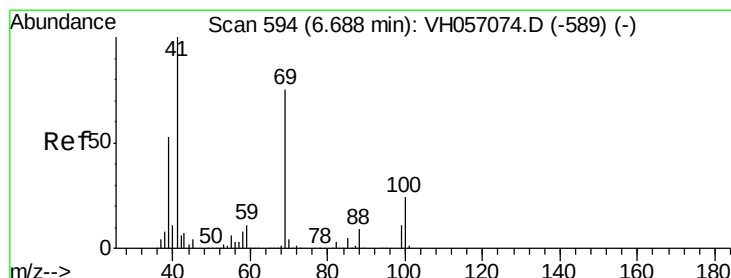
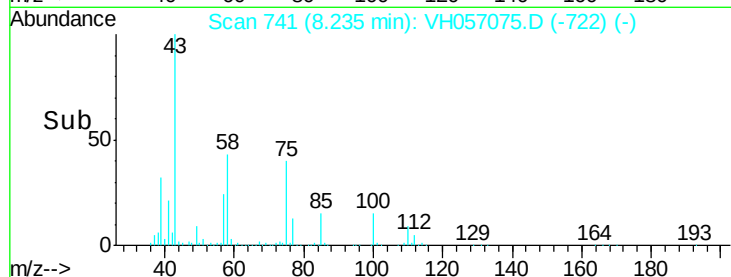
600000

400000

200000

0

Time--> 8.10 8.20 8.30 8.40



#52

Methyl Methacrylate

Concen: 103.01 ug/l

RT: 6.69 min Scan# 594

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

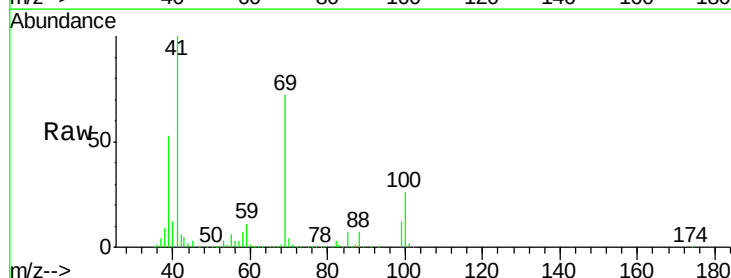
Tgt Ion: 69 Resp: 1249278

Ion Ratio Lower Upper

69 100

41 138.0 70.0 209.8

39 73.8 37.5 112.5



Abundance Ion 69.00 (68.70 to 69.70): VH0

Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

800000

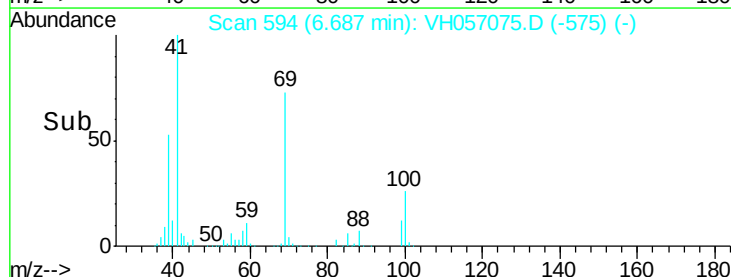
600000

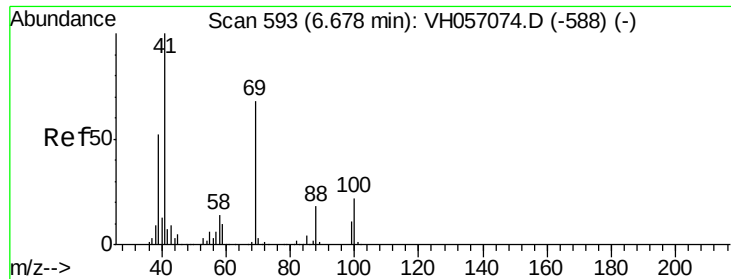
400000

200000

0

Time--> 6.60 6.70 6.80





#53

1,4-Dioxane

Concen: 2139.72 ug/l

RT: 6.67 min Scan# 592

Delta R.T. -0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

ICVVH091715

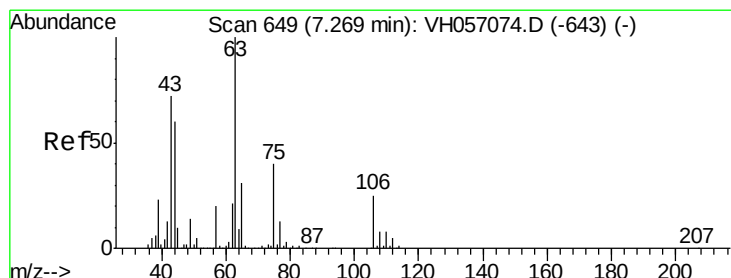
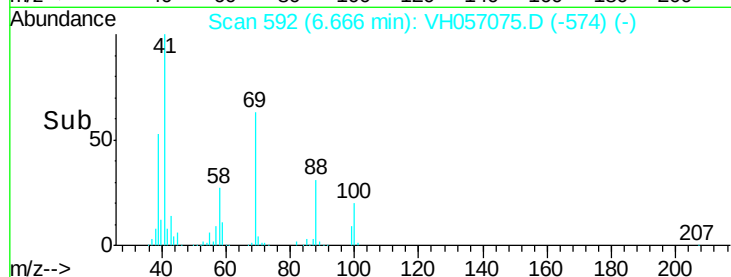
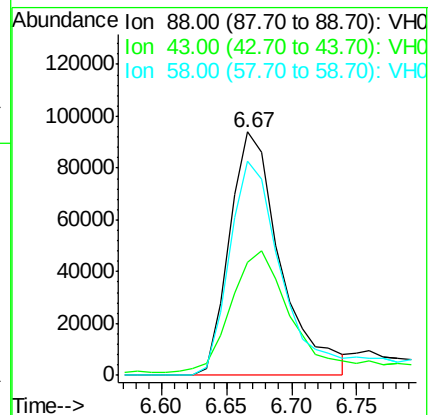
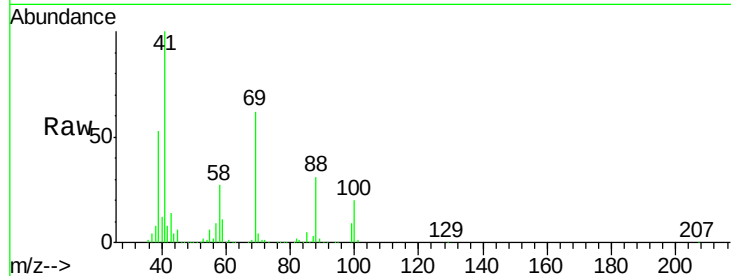
Tgt Ion: 88 Resp: 254721

Ion Ratio Lower Upper

88 100

43 46.4 39.6 59.4

58 88.0 61.4 92.2



#54

cis-1,3-Dichloropropene

Concen: 100.97 ug/l

RT: 7.26 min Scan# 649

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

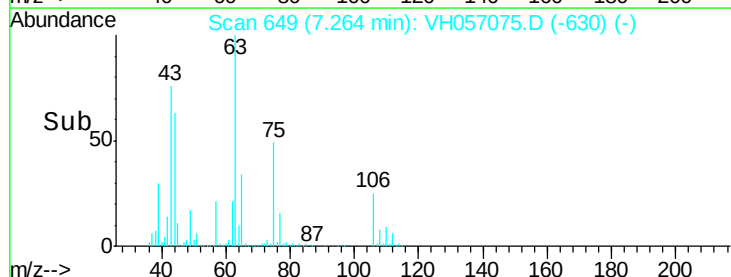
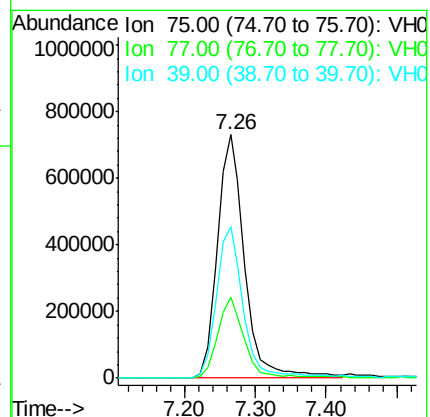
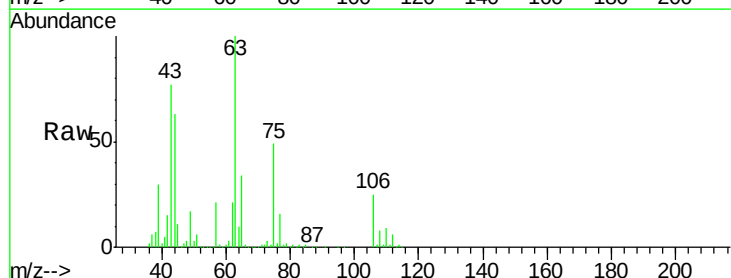
Tgt Ion: 75 Resp: 1957134

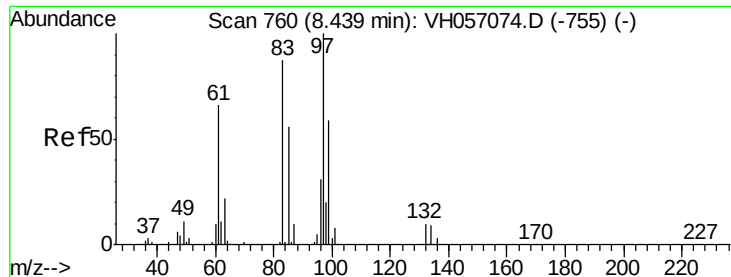
Ion Ratio Lower Upper

75 100

77 33.4 25.2 37.8

39 62.3 50.7 76.1





#55

1,1,2-Trichloroethane

Concen: 108.50 ug/l

RT: 8.45 min Scan# 761

Delta R.T. 0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

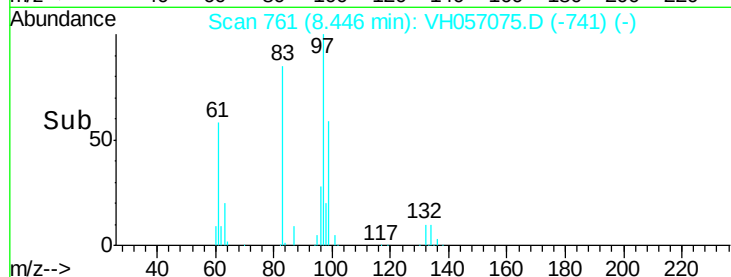
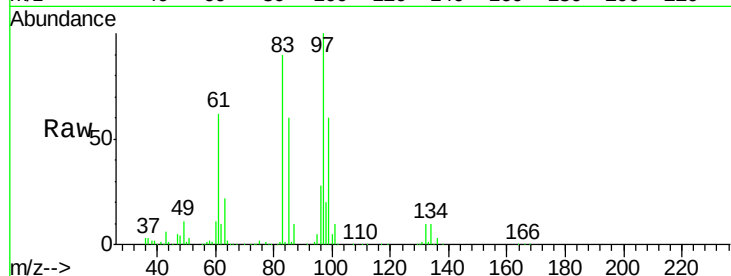
MSVOA_H

ClientSampleId :

ICVVH091715

Tgt Ion: 97 Resp: 1056389

Ion	Ratio	Lower	Upper
97	100		
83	90.0	72.7	109.1
85	60.3	45.5	68.3
99	60.1	46.2	69.2

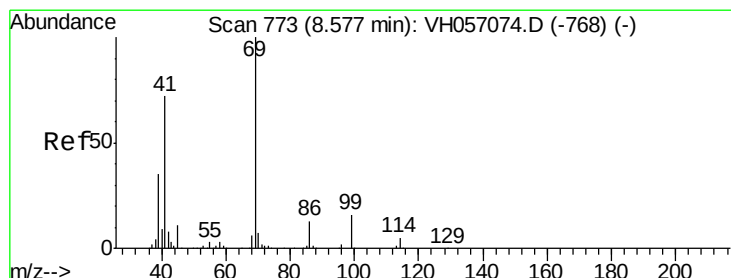
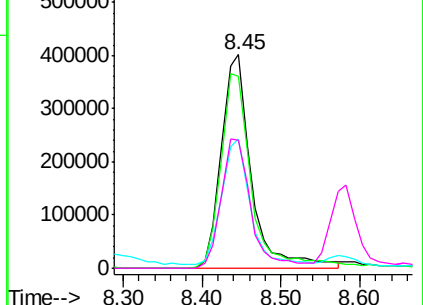


Abundance Ion 97.00 (96.70 to 97.70): VH0

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: 107.97 ug/l

RT: 8.57 min Scan# 773

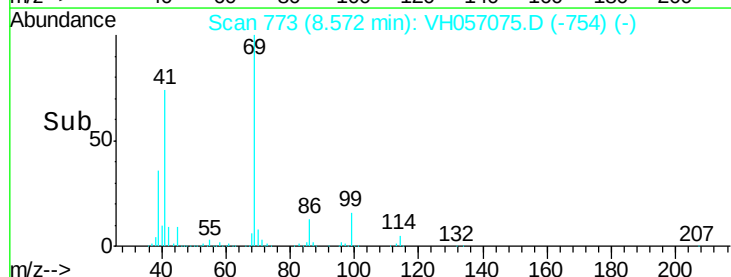
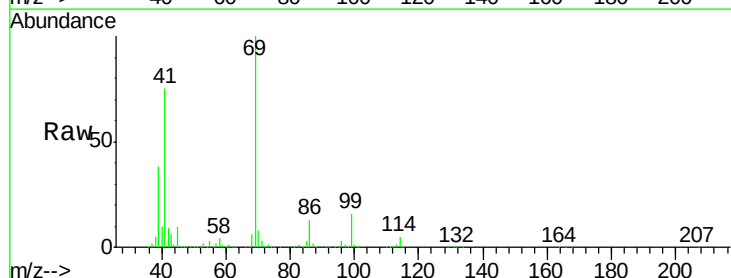
Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Tgt Ion: 69 Resp: 2180326

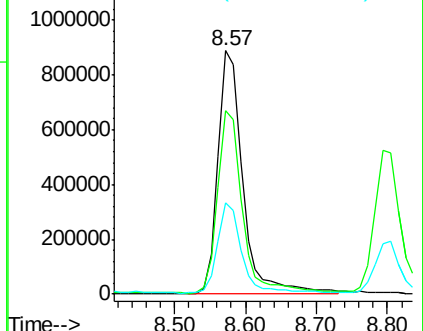
Ion	Ratio	Lower	Upper
69	100		
41	75.5	39.1	117.3
39	37.7	19.2	57.6

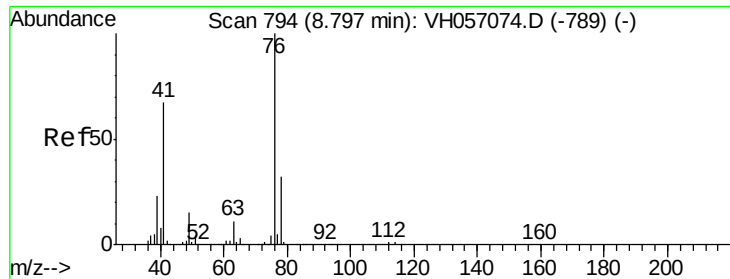


Abundance Ion 69.00 (68.70 to 69.70): VH0

Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

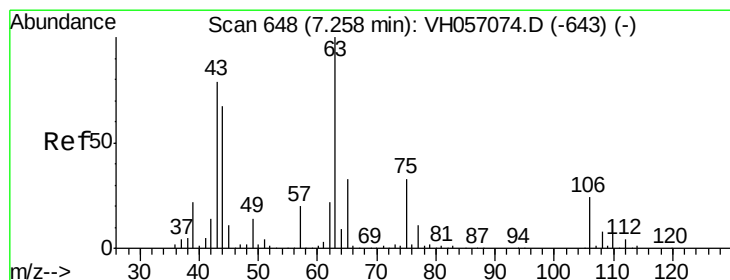
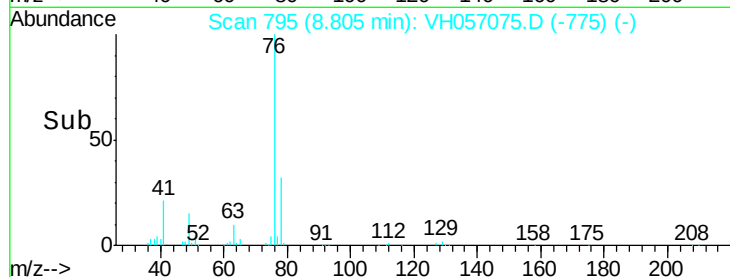
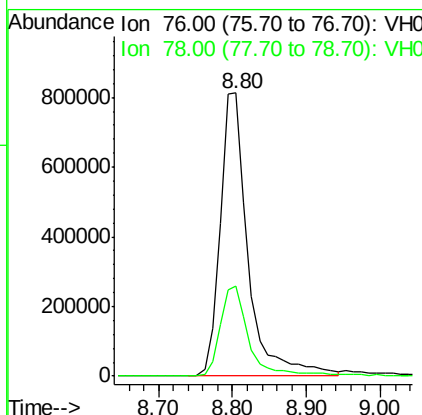
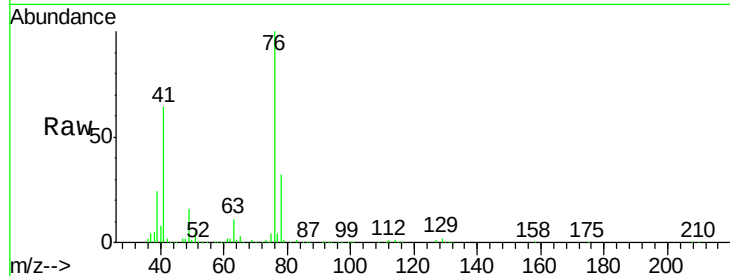




#57
 1,3-Dichloropropane
 Concen: 105.50 ug/l
 RT: 8.80 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

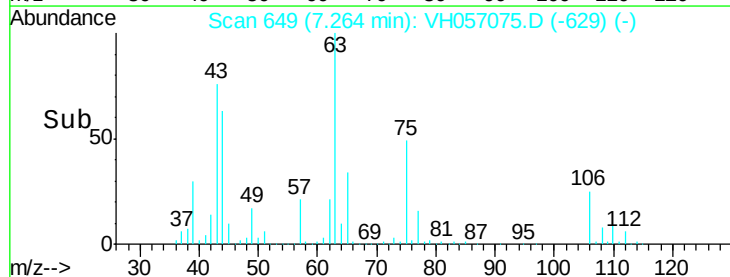
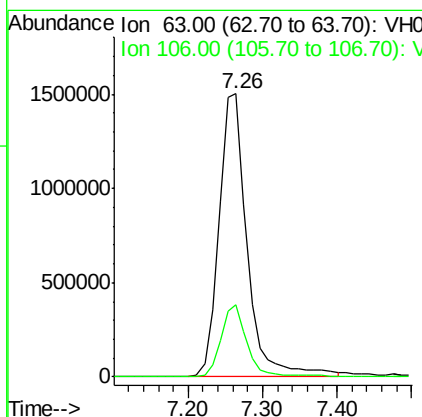
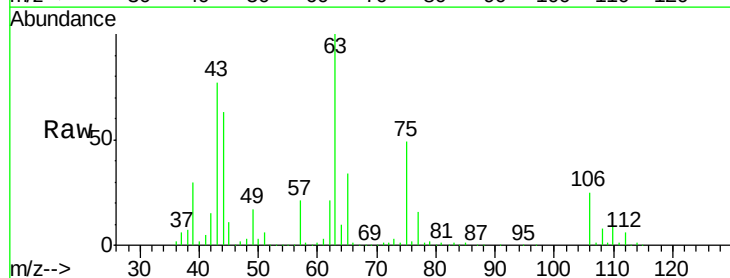
Instrument :
 MSVOA_H
 ClientSampleId :
 ICVVH091715

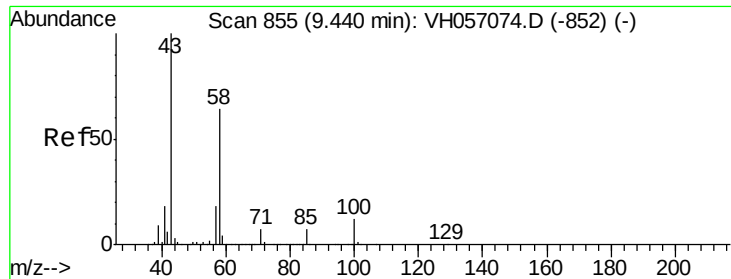
Tgt Ion: 76 Resp: 2154492
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 228.33 ug/l
 RT: 7.26 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

Tgt Ion: 63 Resp: 3958601
 Ion Ratio Lower Upper
 63 100
 106 25.5 18.0 27.0

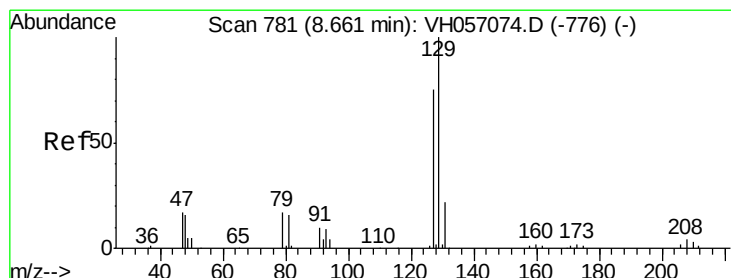
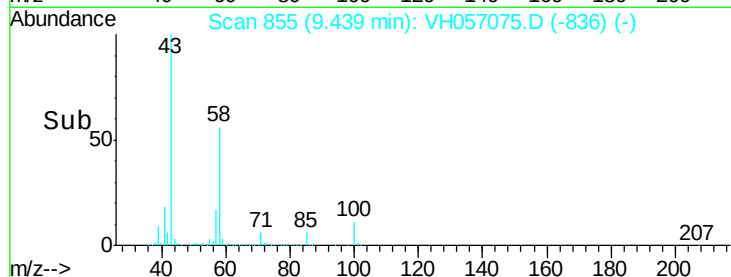
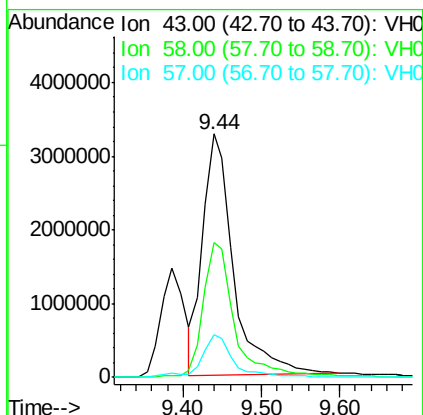
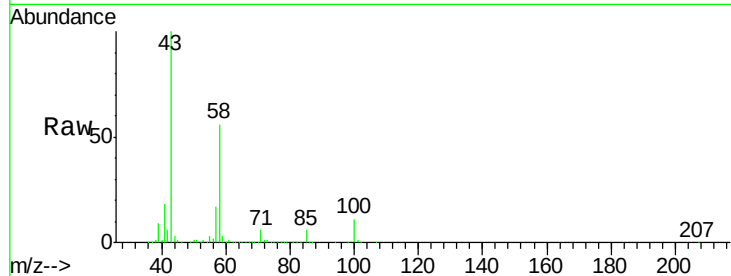




#59
2-Hexanone
Concen: 493.15 ug/l
RT: 9.44 min Scan# 855
Delta R.T. -0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

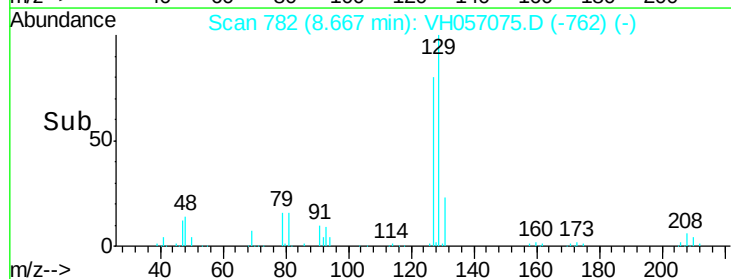
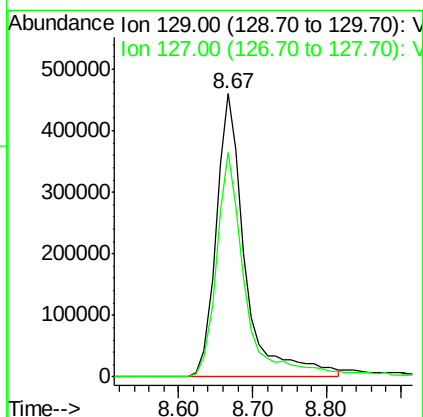
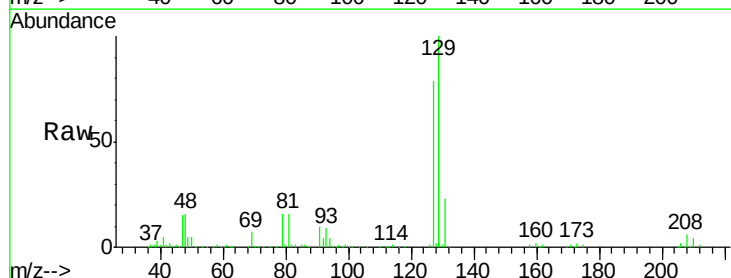
Instrument :
MSVOA_H
ClientSampleId :
ICVVH091715

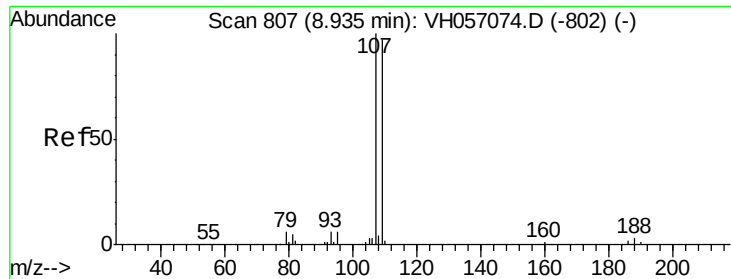
Tgt Ion: 43 Resp: 8871201
Ion Ratio Lower Upper
43 100
58 55.6 27.1 81.2
57 17.4 8.1 24.3



#60
Dibromochloromethane
Concen: 112.26 ug/l
RT: 8.67 min Scan# 782
Delta R.T. 0.01 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

Tgt Ion: 129 Resp: 1240567
Ion Ratio Lower Upper
129 100
127 79.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 113.40 ug/l

RT: 8.93 min Scan# 807

Delta R.T. -0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

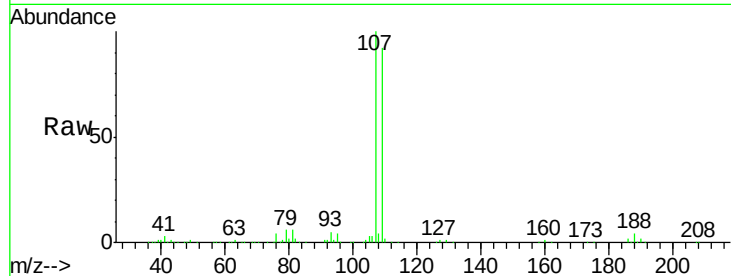
ICVVH091715

Tgt Ion:107 Resp: 1293076

Ion Ratio Lower Upper

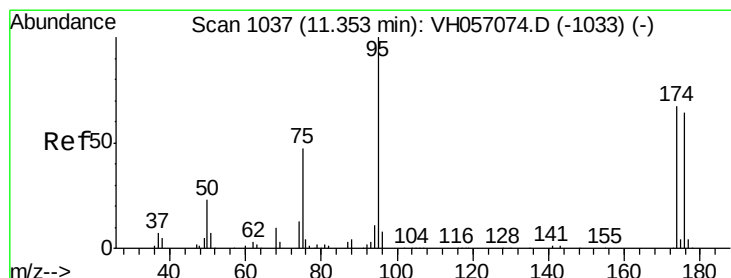
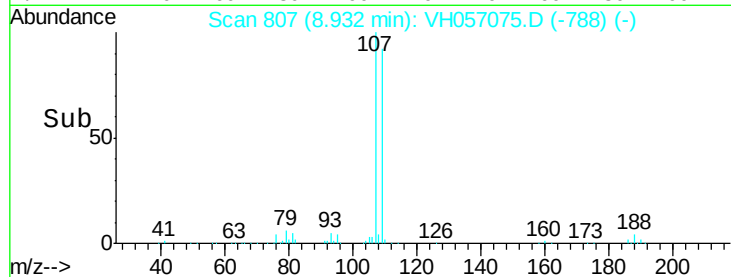
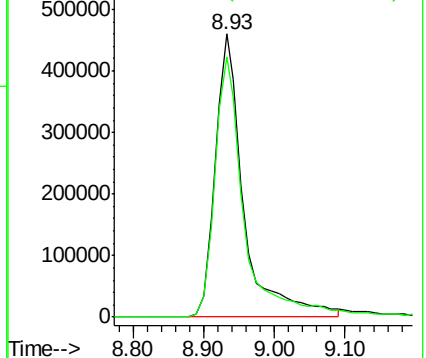
107 100

109 92.2 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: 101.73 ug/l

RT: 11.36 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

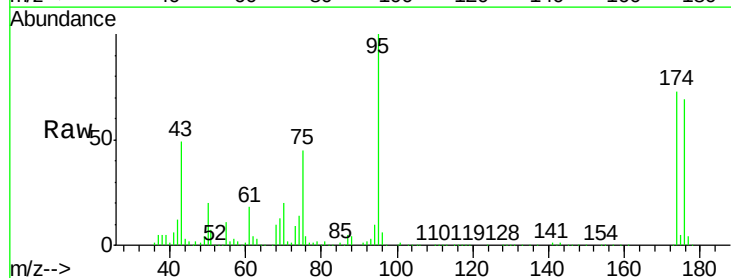
Tgt Ion: 95 Resp: 1034194

Ion Ratio Lower Upper

95 100

174 72.6 58.4 87.6

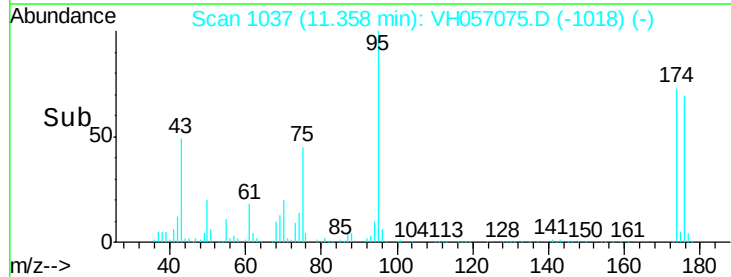
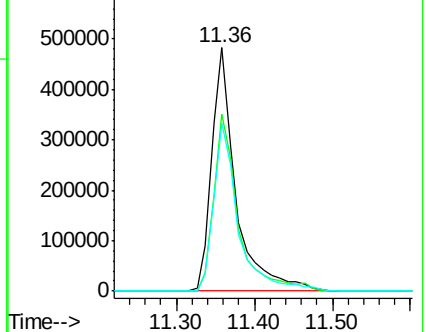
176 69.0 54.3 81.5

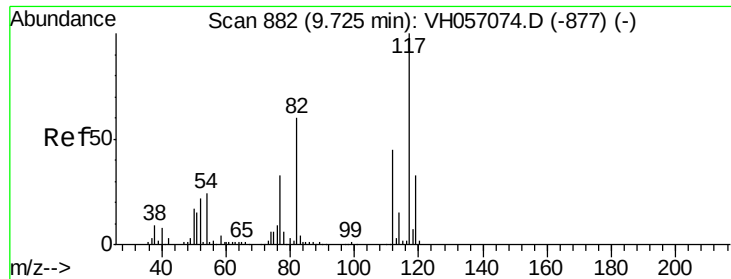


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

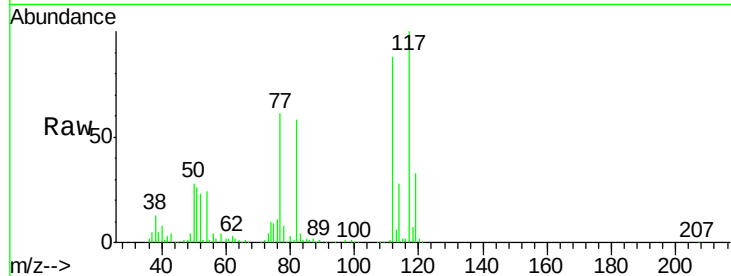




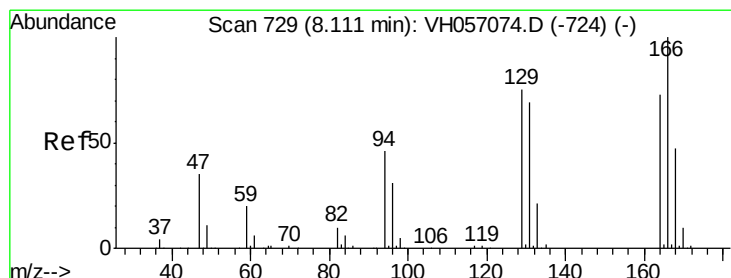
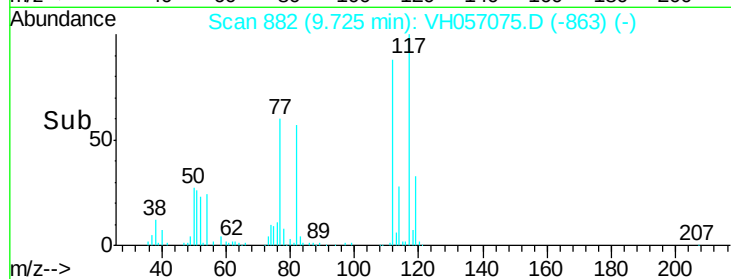
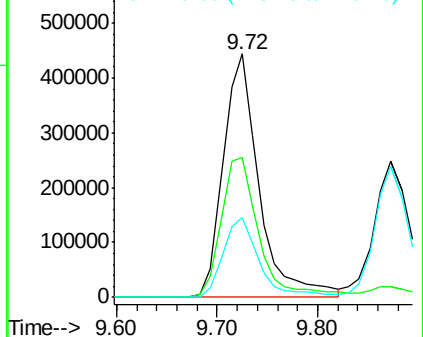
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.72 min Scan# 882
Delta R.T. -0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

Instrument :
MSVOA_H
ClientSampleId :
ICVVH091715

Tgt Ion:117 Resp: 1101522
Ion Ratio Lower Upper
117 100
82 57.5 51.0 76.6
119 32.7 26.7 40.1



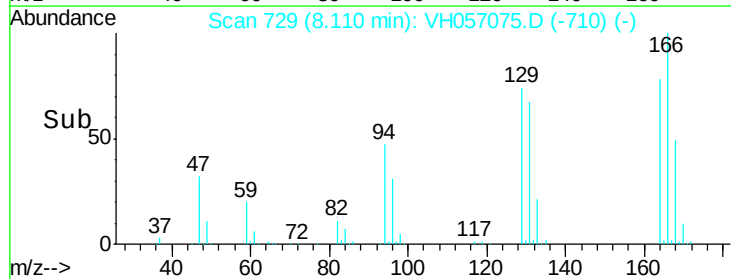
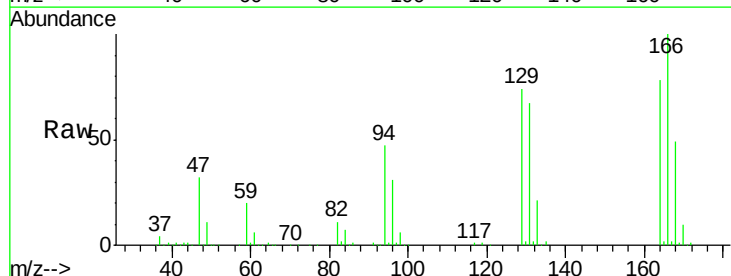
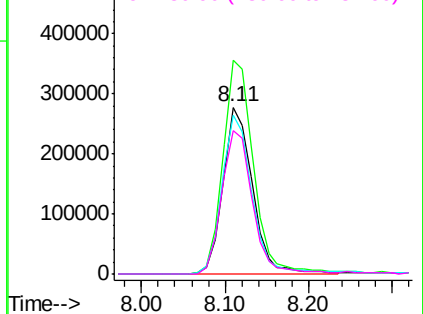
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

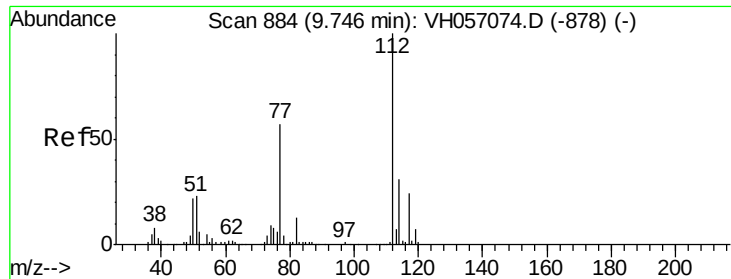


#64
Tetrachloroethene
Concen: 108.18 ug/l
RT: 8.11 min Scan# 729
Delta R.T. -0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

Tgt Ion:164 Resp: 671335
Ion Ratio Lower Upper
164 100
166 128.0 103.2 154.8
129 95.0 73.4 110.0
131 85.9 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: 109.15 ug/l

RT: 9.75 min Scan# 884

Delta R.T. 0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

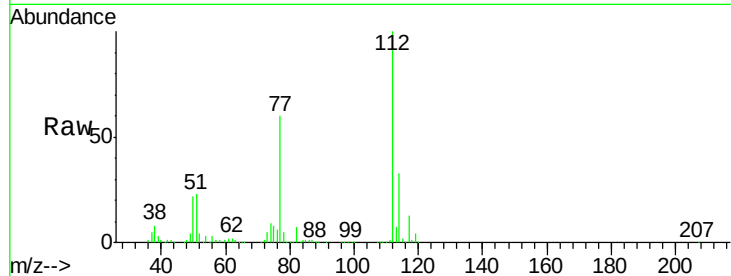
ICVVH091715

Tgt Ion:112 Resp: 2510084

Ion Ratio Lower Upper

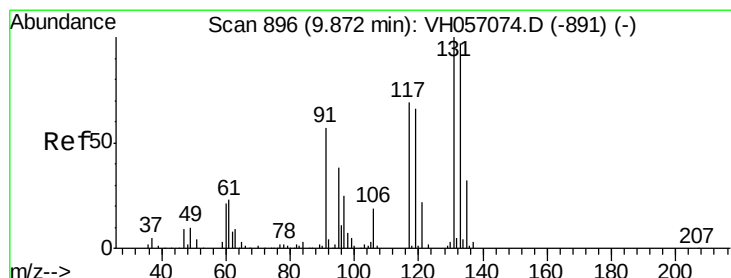
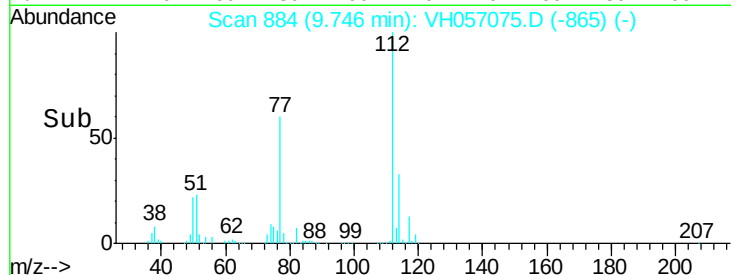
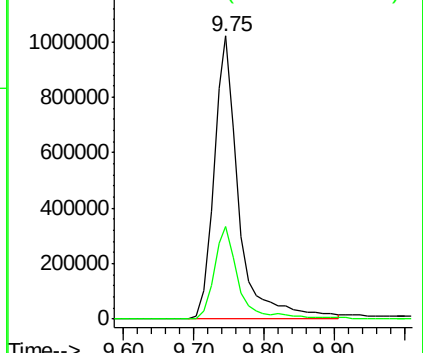
112 100

114 32.7 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 106.90 ug/l

RT: 9.87 min Scan# 896

Delta R.T. 0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

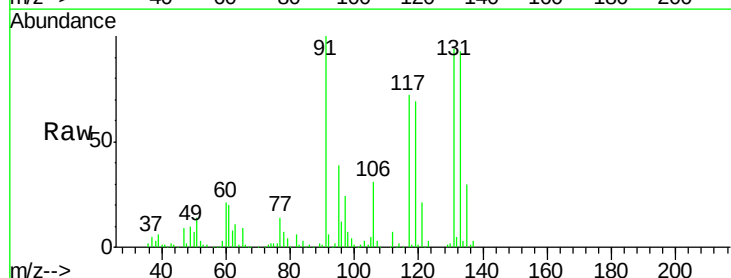
Tgt Ion:131 Resp: 863288

Ion Ratio Lower Upper

131 100

133 98.7 51.1 153.3

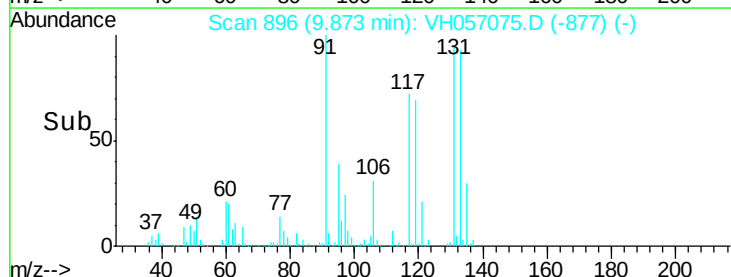
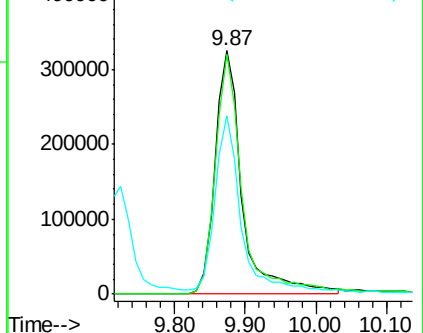
119 73.2 36.3 108.9

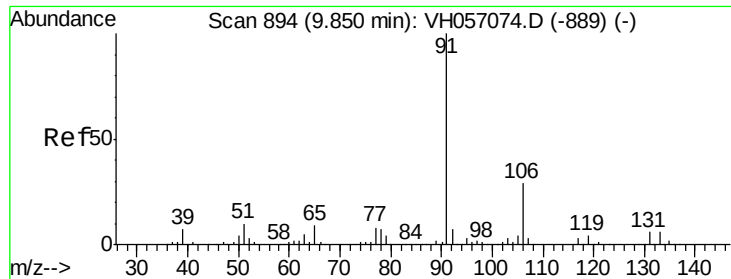


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 108.20 ug/l

RT: 9.84 min Scan# 893

Delta R.T. -0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

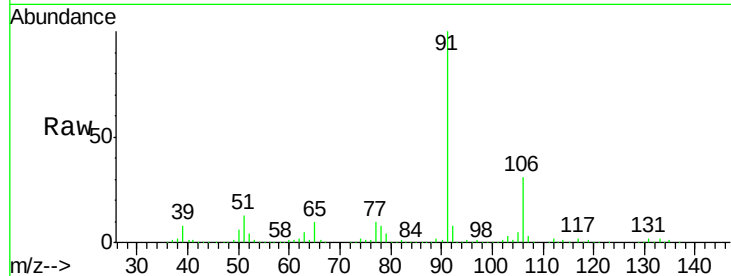
ICVVH091715

Tgt Ion:106 Resp: 1247413

Ion Ratio Lower Upper

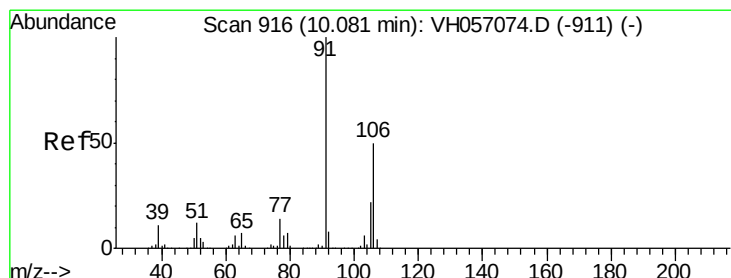
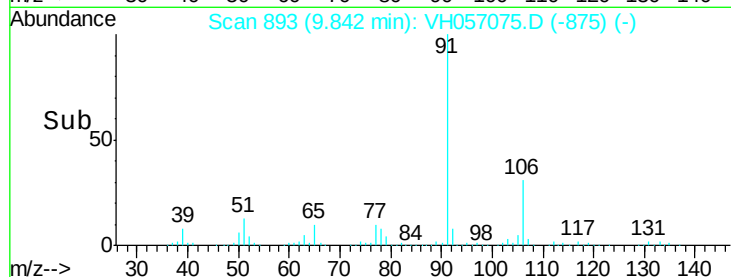
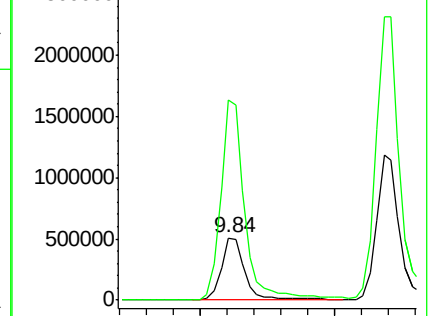
106 100

91 323.1 264.9 397.3



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VH0



#68

m/p-Xylenes

Concen: 209.16 ug/l

RT: 10.07 min Scan# 915

Delta R.T. -0.01 min

Lab File: VH057075.D

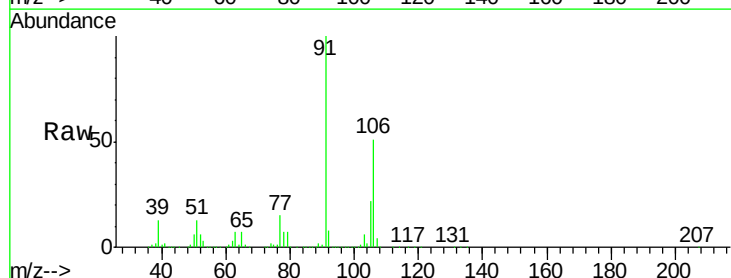
Acq: 17 Sep 2015 19:56

Tgt Ion:106 Resp: 2896740

Ion Ratio Lower Upper

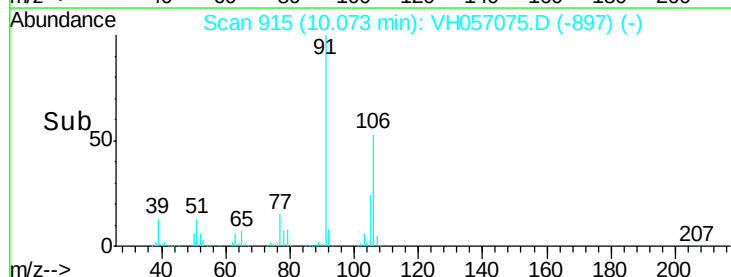
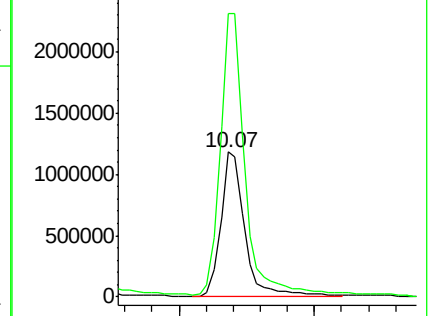
106 100

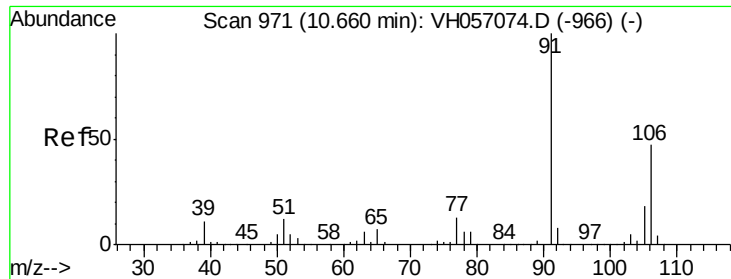
91 195.7 164.4 246.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VH0

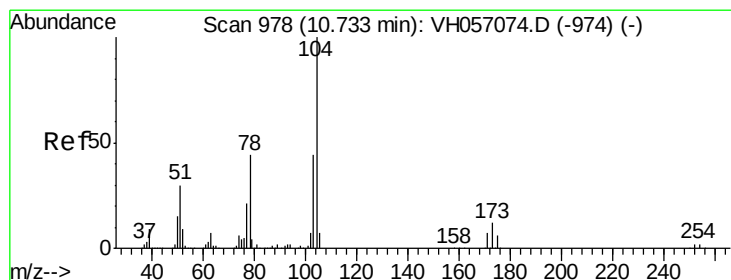
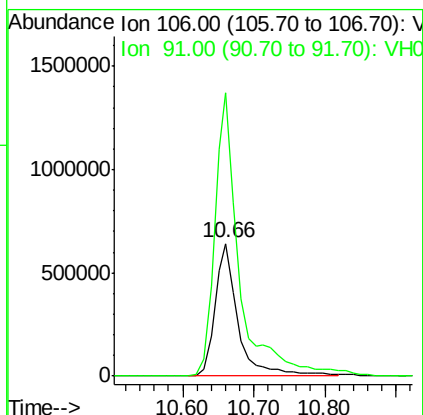
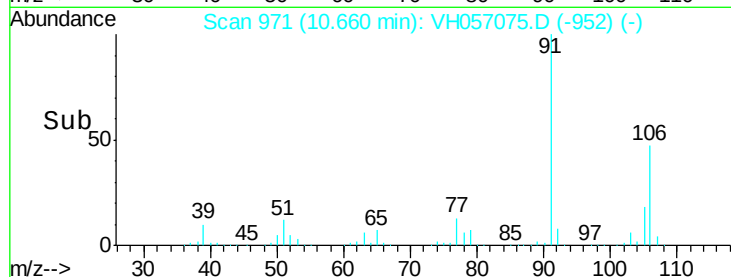
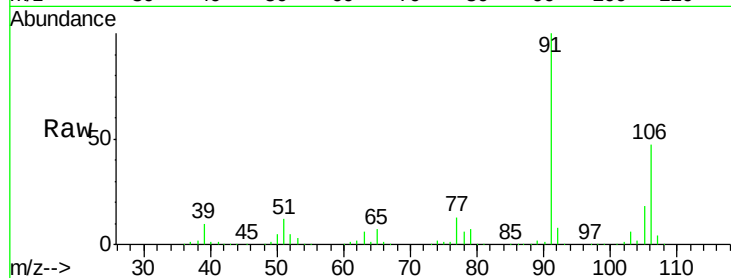




#69
o-Xylene
Concen: 108.95 ug/l
RT: 10.66 min Scan# 971
Delta R.T. 0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

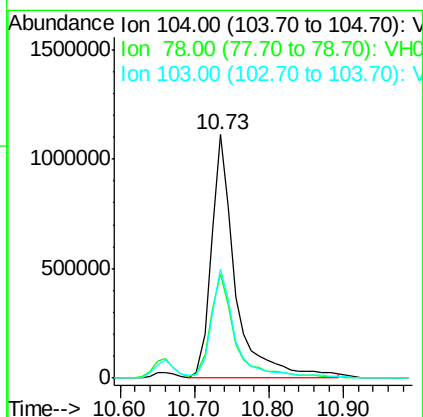
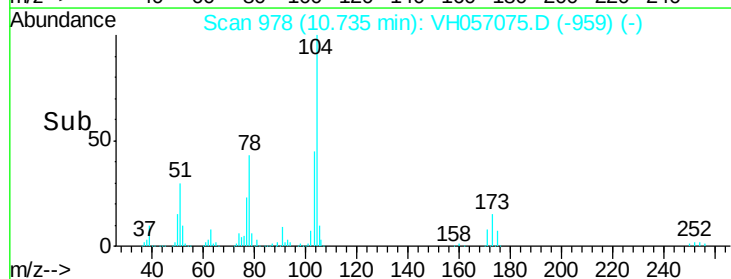
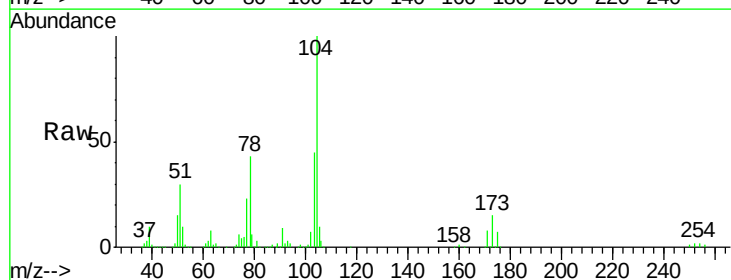
Instrument :
MSVOA_H
ClientSampleId :
ICVVH091715

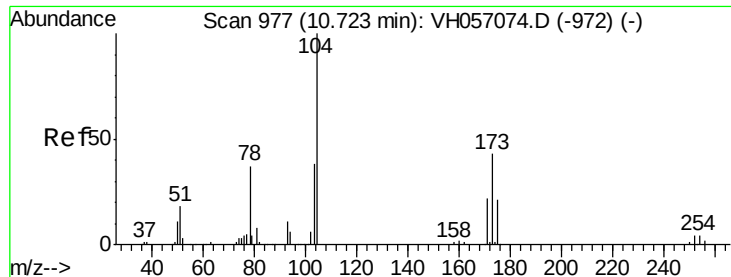
Tgt Ion:106 Resp: 1456314
Ion Ratio Lower Upper
106 100
91 213.5 104.2 312.6



#70
Styrene
Concen: 110.29 ug/l
RT: 10.73 min Scan# 978
Delta R.T. 0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

Tgt Ion:104 Resp: 2484130
Ion Ratio Lower Upper
104 100
78 42.6 35.2 52.8
103 44.6 35.8 53.6





#71

Bromoform

Concen: 125.07 ug/l

RT: 10.71 min Scan# 976

Delta R.T. -0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

ICVVH091715

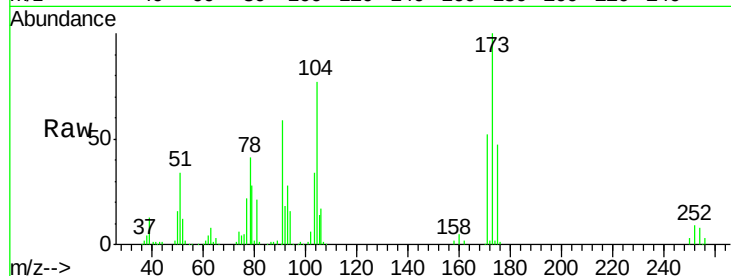
Tgt Ion:173 Resp: 826766

Ion Ratio Lower Upper

173 100

175 47.2 23.3 69.9

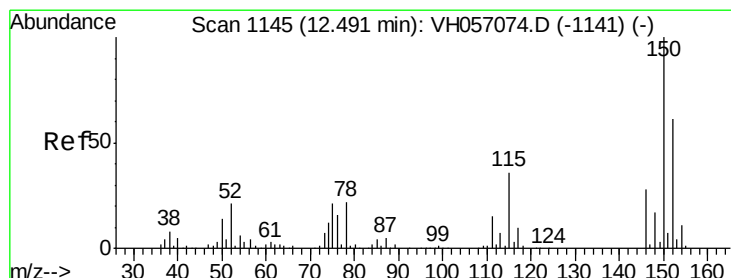
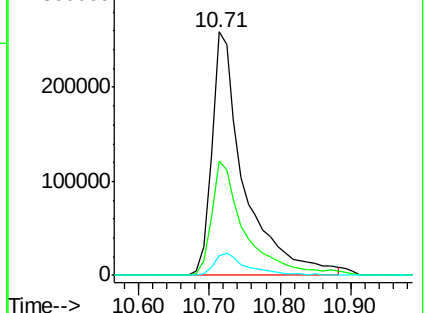
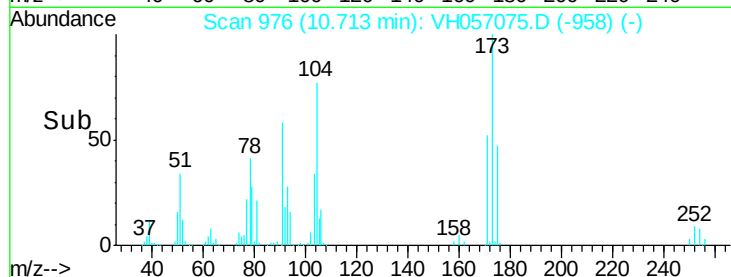
254 8.2 4.4 13.2



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.49 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

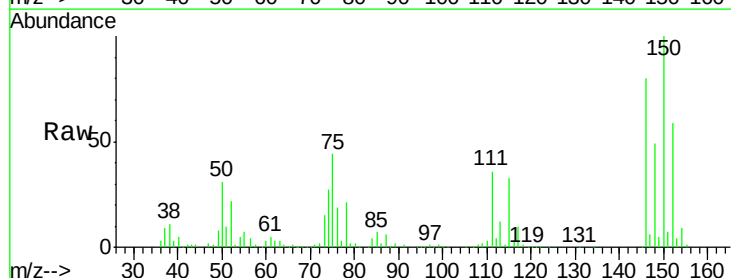
Tgt Ion:152 Resp: 327520

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.6

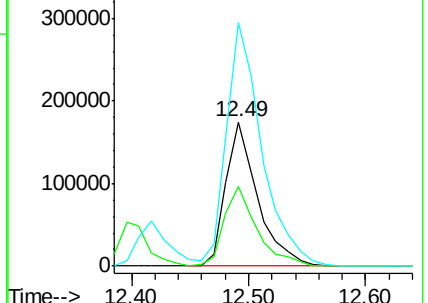
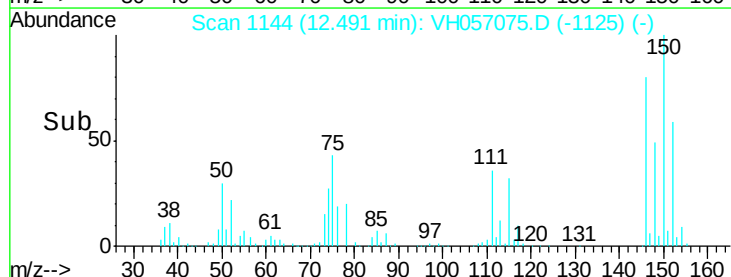
150 168.7 0.0 332.0

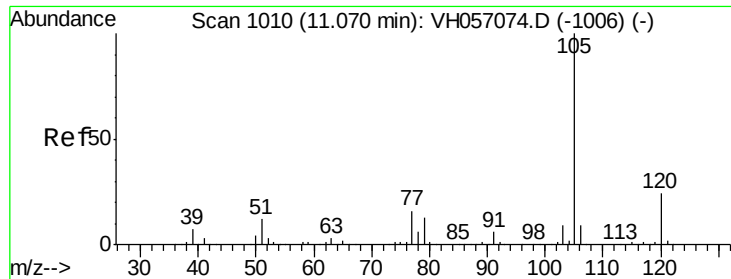


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 97.38 ug/l

RT: 11.07 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

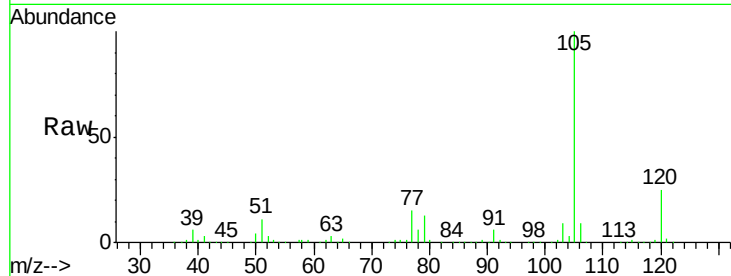
ICVVH091715

Tgt Ion:105 Resp: 2997341

Ion Ratio Lower Upper

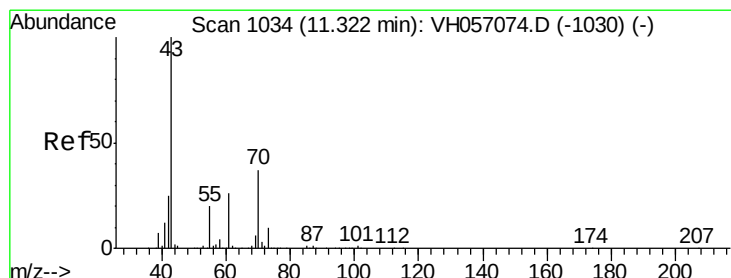
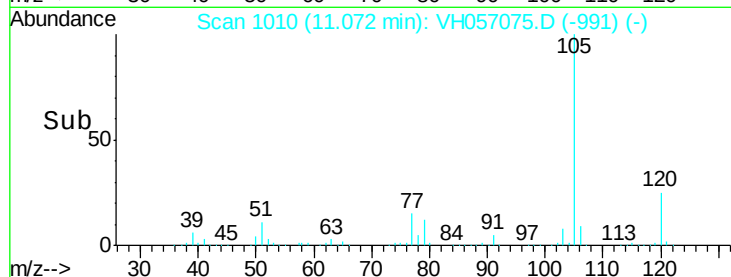
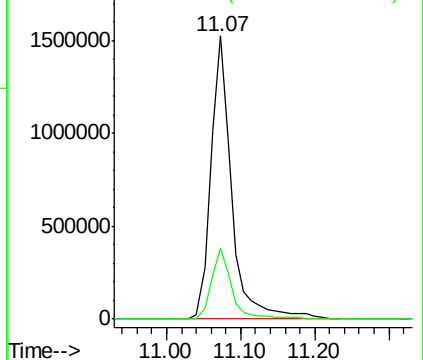
105 100

120 25.3 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: 97.95 ug/l

RT: 11.33 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Tgt Ion: 43 Resp: 3278667

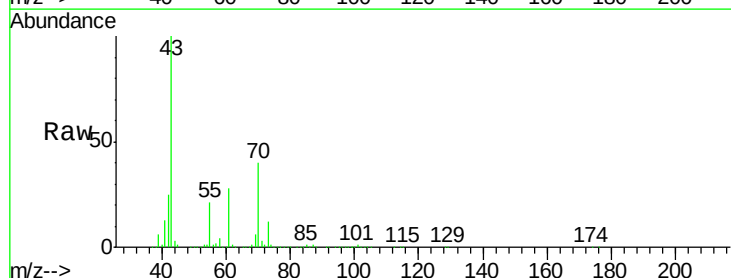
Ion Ratio Lower Upper

43 100

70 40.4 27.3 40.9

55 21.2 15.3 22.9

61 28.2 19.4 29.0

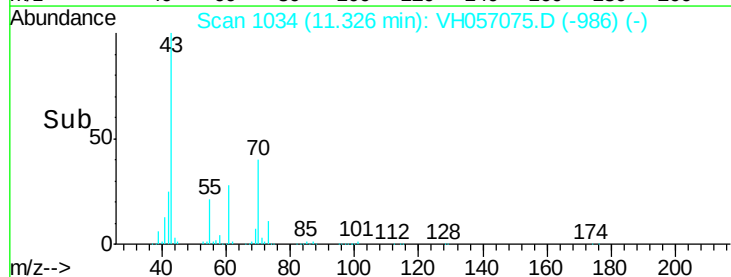
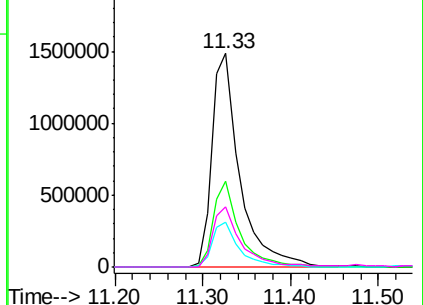


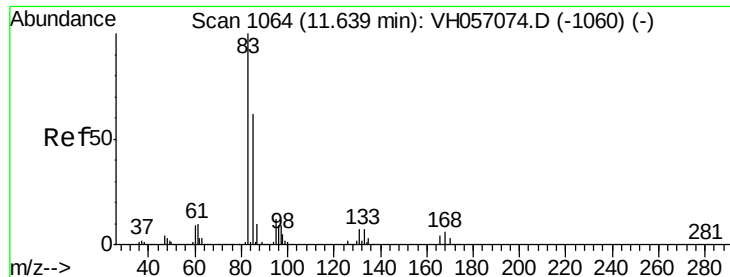
Abundance Ion 43.05 (42.75 to 43.75): V

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: 101.76 ug/l

RT: 11.64 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

ICVVH091715

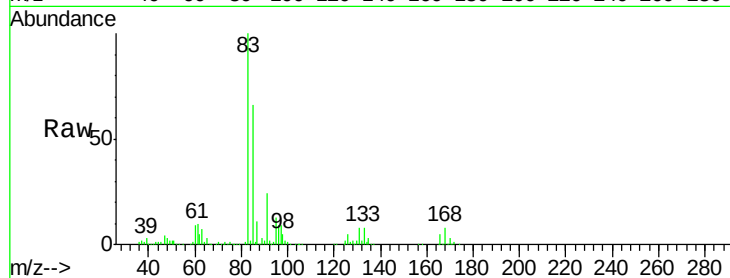
Tgt Ion: 83 Resp: 1619214

Ion Ratio Lower Upper

83 100

131 7.6 3.1 9.3

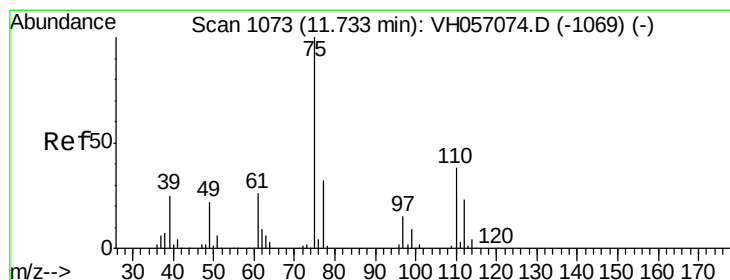
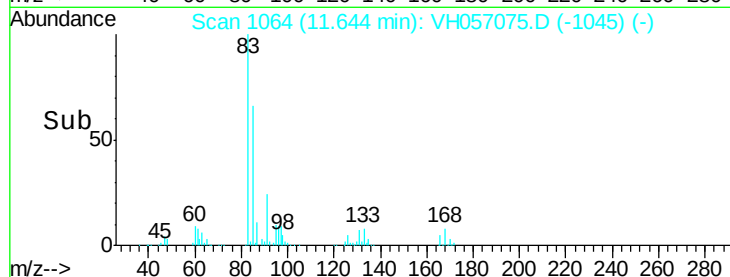
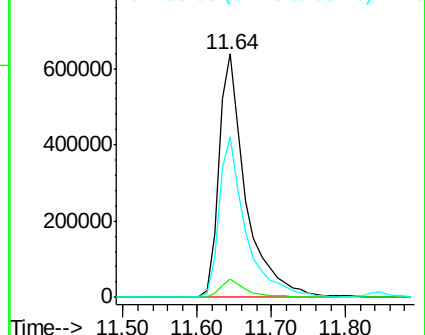
85 65.7 32.3 96.8



Abundance Ion 83.00 (82.70 to 83.70): VH0

Ion 131.00 (130.70 to 131.70): VH0

Ion 85.00 (84.70 to 85.70): VH0



#76

1,2,3-Trichloropropane

Concen: 101.14 ug/l

RT: 11.74 min Scan# 1073

Delta R.T. 0.01 min

Lab File: VH057075.D

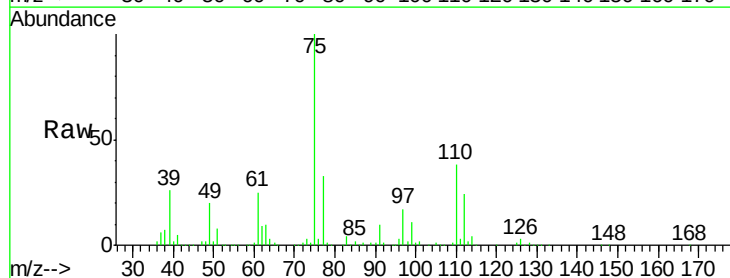
Acq: 17 Sep 2015 19:56

Tgt Ion: 75 Resp: 1252814

Ion Ratio Lower Upper

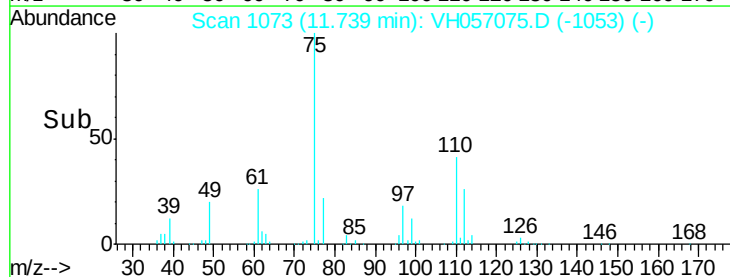
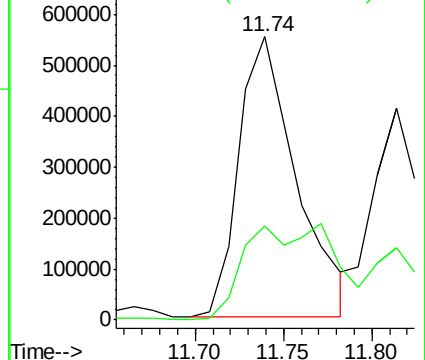
75 100

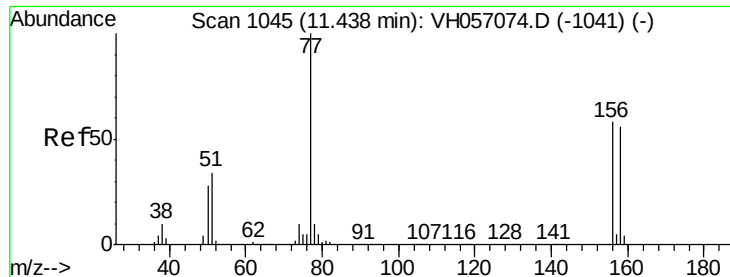
77 33.2 14.9 44.9



Abundance Ion 75.00 (74.70 to 75.70): VH0

Ion 77.00 (76.70 to 77.70): VH0





#77

Bromobenzene

Concen: 109.56 ug/l

RT: 11.44 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampleId :

ICVVH091715

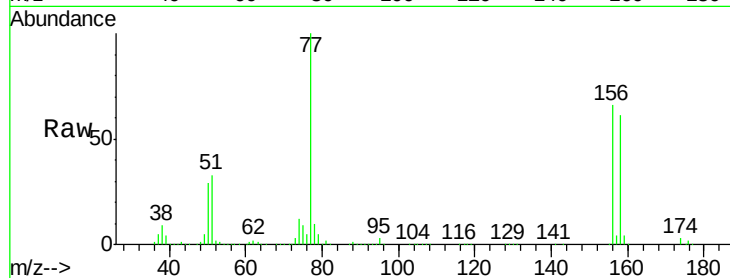
Tgt Ion:156 Resp: 909321

Ion Ratio Lower Upper

156 100

77 152.6 73.5 220.5

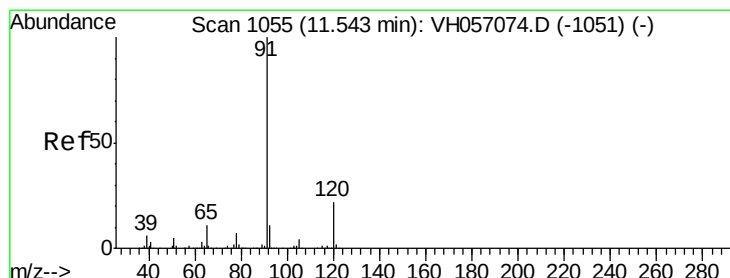
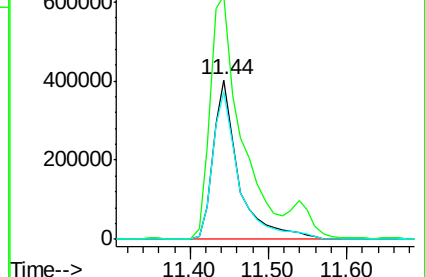
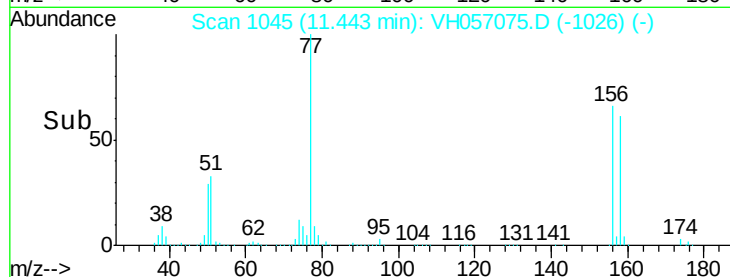
158 92.7 46.8 140.3



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: 96.08 ug/l

RT: 11.54 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VH057075.D

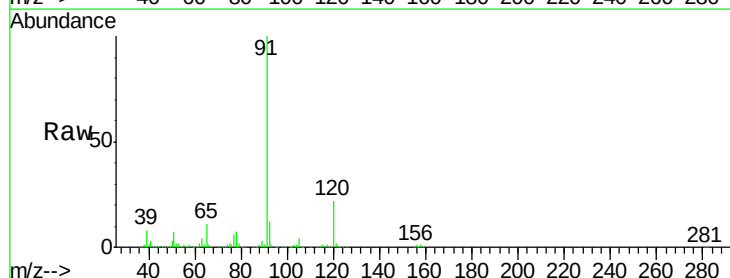
Acq: 17 Sep 2015 19:56

Tgt Ion: 91 Resp: 3110347

Ion Ratio Lower Upper

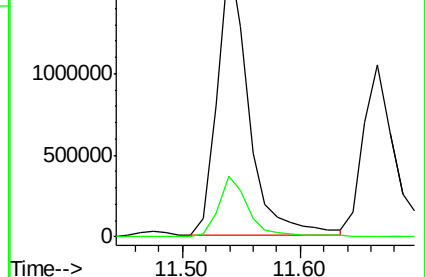
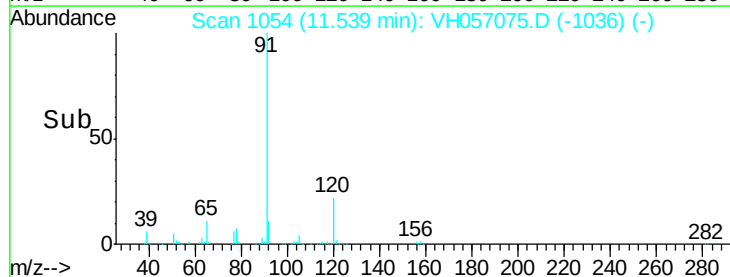
91 100

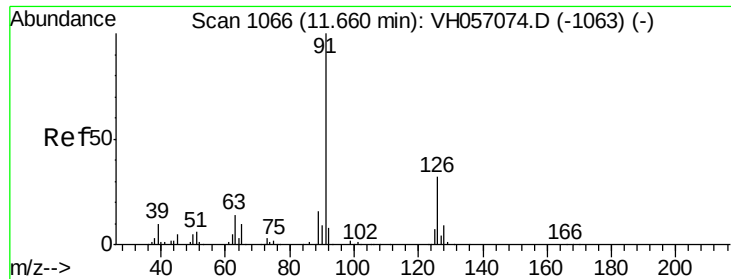
120 21.7 10.2 30.6



Abundance Ion 91.00 (90.70 to 91.70): VH0

Ion 120.00 (119.70 to 120.70): V

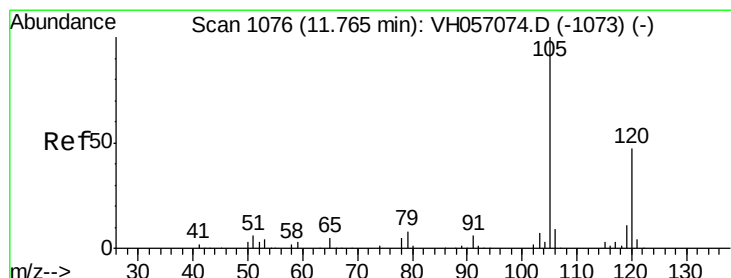
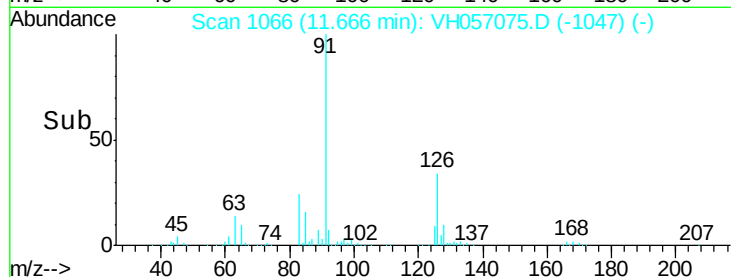
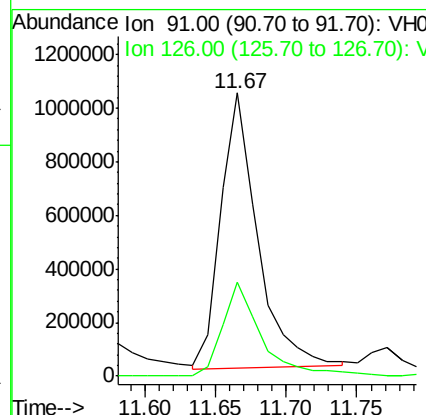
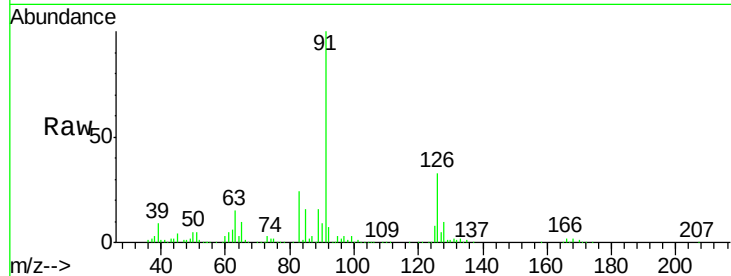




#79
 2-Chlorotoluene
 Concen: 94.57 ug/l
 RT: 11.67 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

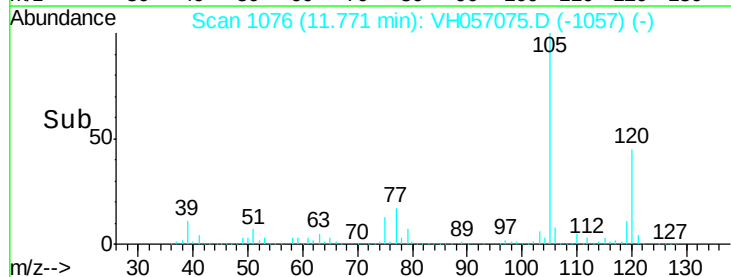
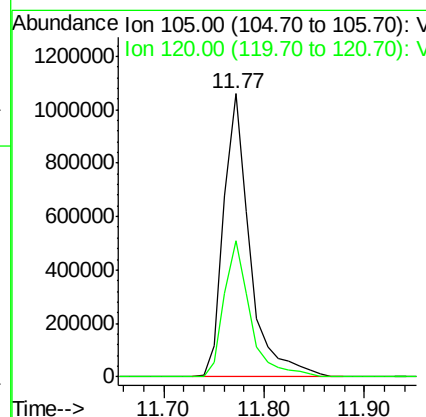
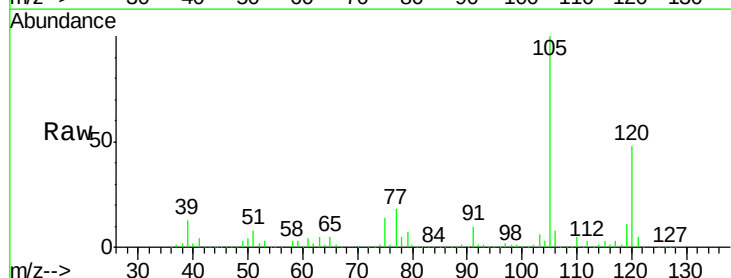
Instrument :
 MSVOA_H
 ClientSampleId :
 ICVVH091715

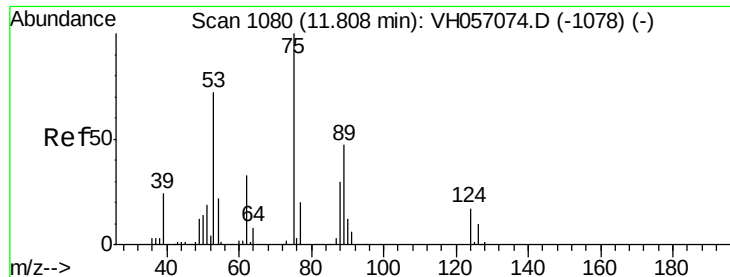
Tgt Ion: 91 Resp: 1854684
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 100.78 ug/l
 RT: 11.77 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

Tgt Ion: 105 Resp: 1918897
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.6 71.0





#81

trans-1,4-Dichloro-2-Butene

Concen: 104.29 ug/l

RT: 11.81 min Scan# 1080

Delta R.T. 0.01 min

Lab File: VH057075.D

Acq: 17 Sep 2015 19:56

Instrument :

MSVOA_H

ClientSampled :

ICVVH091715

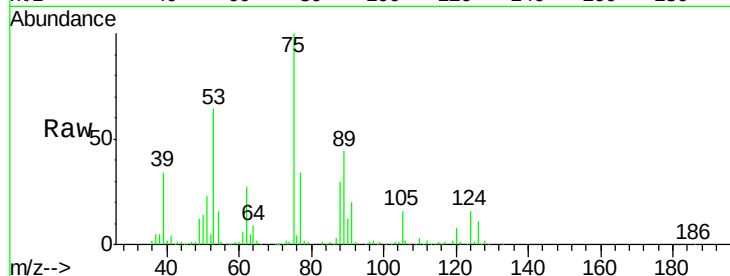
Tgt Ion: 75 Resp: 986472

Ion Ratio Lower Upper

75 100

53 63.6 32.0 96.2

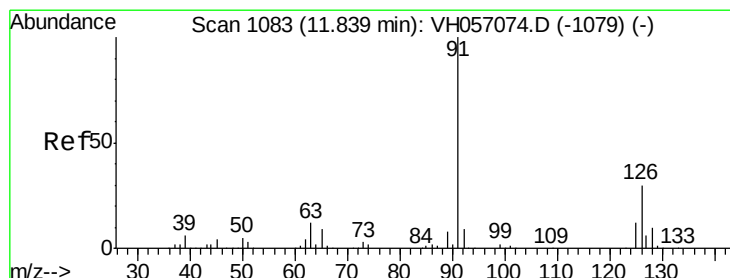
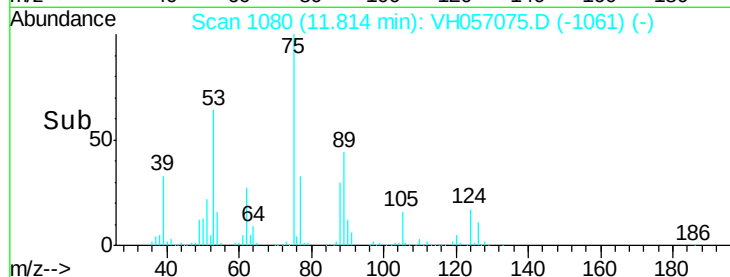
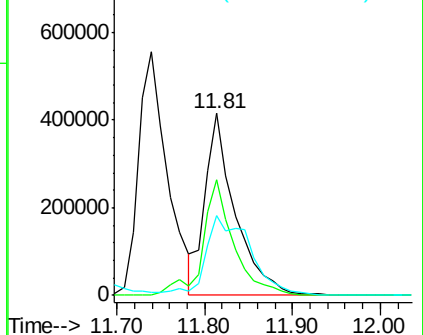
89 44.0 21.1 63.3



Abundance Ion 75.00 (74.70 to 75.70): VH0

Ion 53.00 (52.70 to 53.70): VH0

Ion 89.00 (88.70 to 89.70): VH0



#82

4-Chlorotoluene

Concen: 98.37 ug/l

RT: 11.85 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VH057075.D

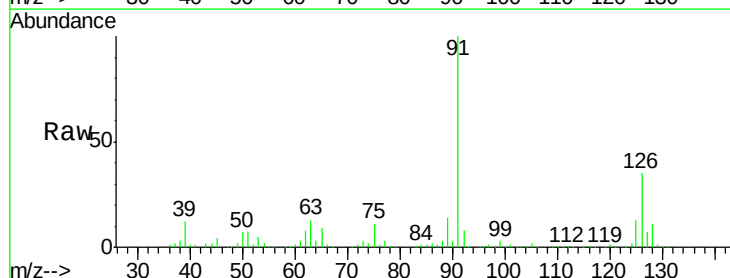
Acq: 17 Sep 2015 19:56

Tgt Ion: 91 Resp: 2305091

Ion Ratio Lower Upper

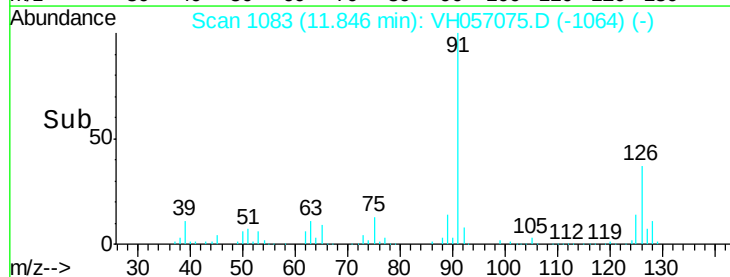
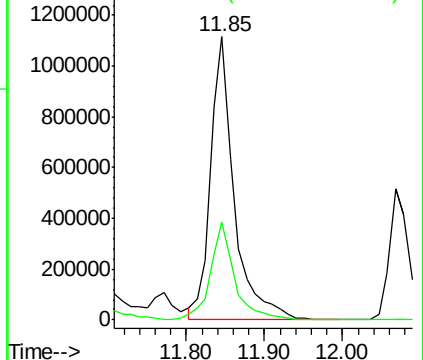
91 100

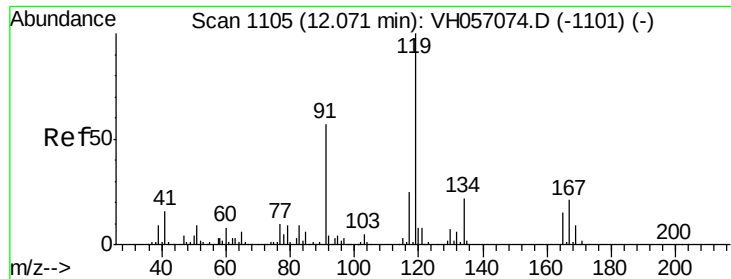
126 34.6 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VH0

Ion 126.00 (125.70 to 126.70): V

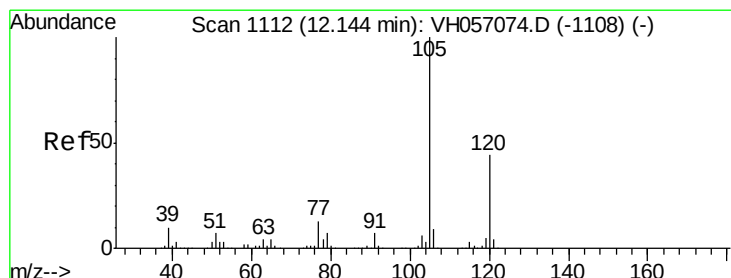
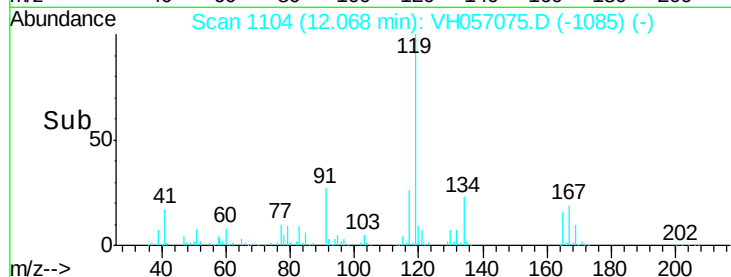
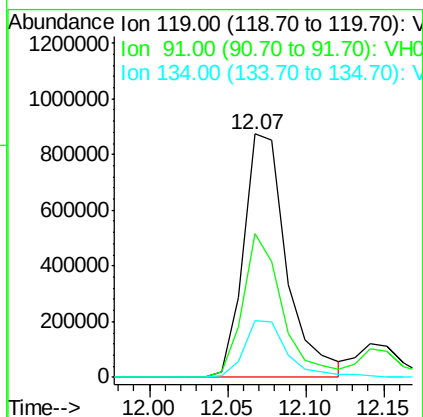
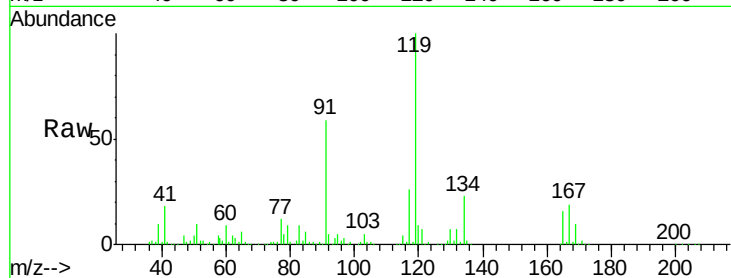




#83
 tert-Butylbenzene
 Concen: 93.81 ug/l
 RT: 12.07 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

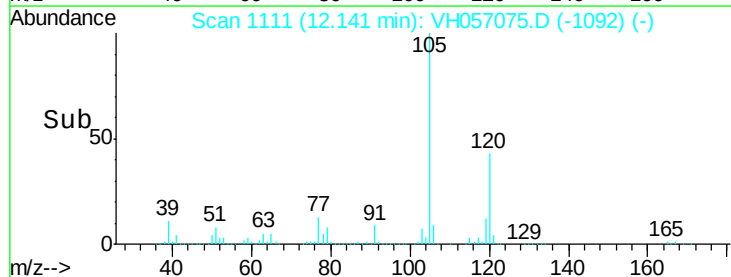
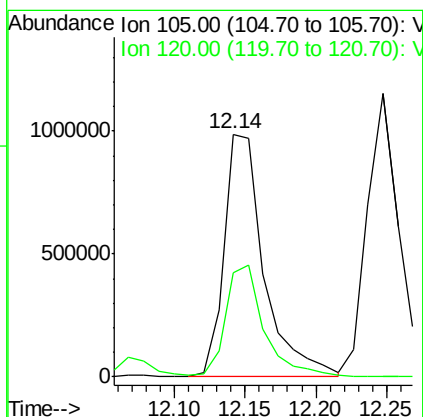
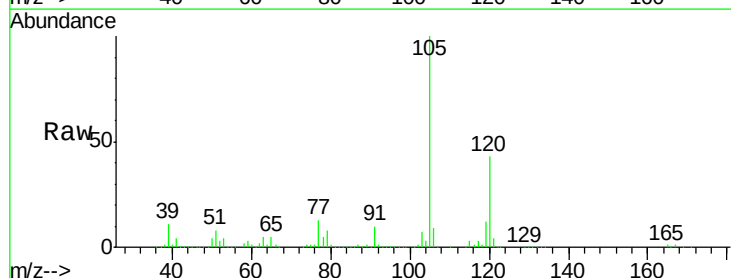
Instrument :
 MSVOA_H
 ClientSampleId :
 ICVVH091715

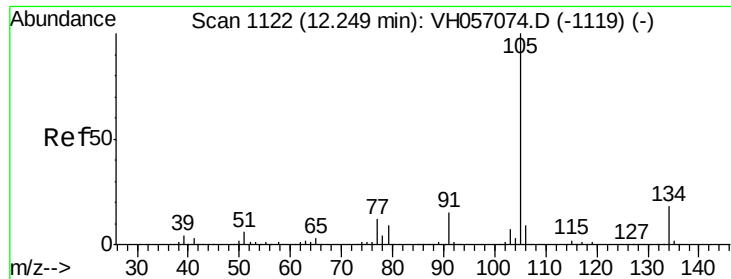
Tgt Ion:119 Resp: 1680261
 Ion Ratio Lower Upper
 119 100
 91 59.1 28.5 85.6
 134 23.2 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 101.74 ug/l
 RT: 12.14 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

Tgt Ion:105 Resp: 1957571
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.6 67.7

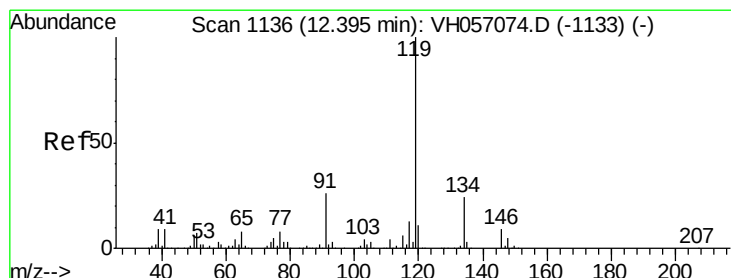
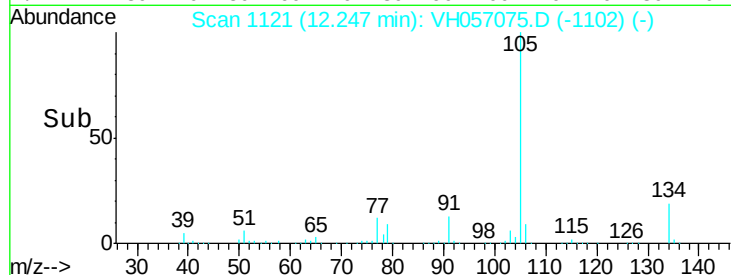
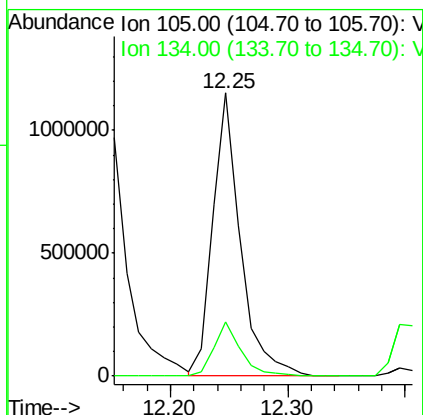
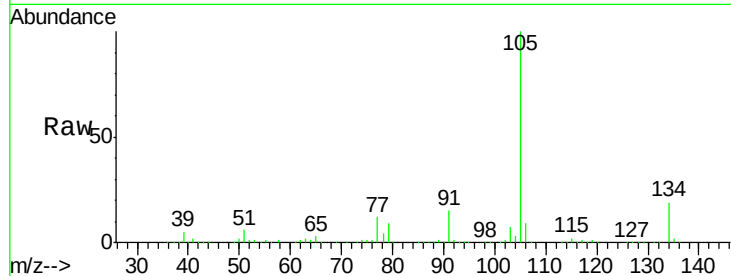




#85
 sec-Butylbenzene
 Concen: 98.91 ug/l
 RT: 12.25 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

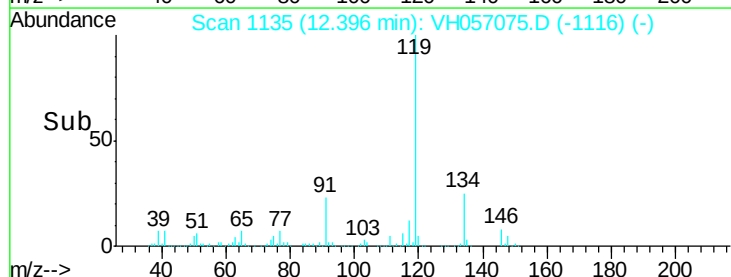
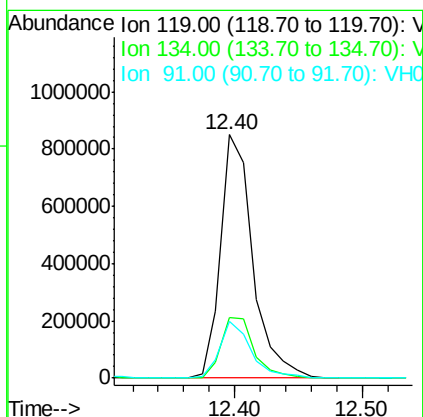
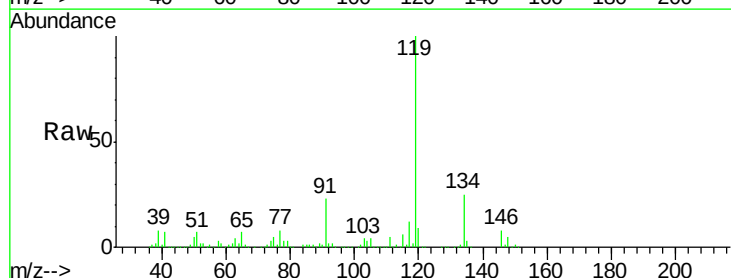
Instrument :
 MSVOA_H
 ClientSampleId :
 ICVVH091715

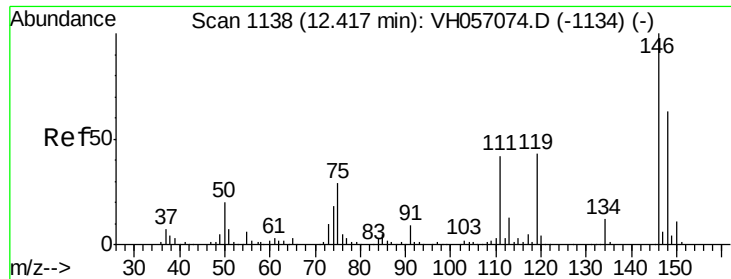
Tgt Ion:105 Resp: 1884697
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 101.40 ug/l
 RT: 12.40 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

Tgt Ion:119 Resp: 1481721
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.0 38.9
 91 23.3 12.5 37.5

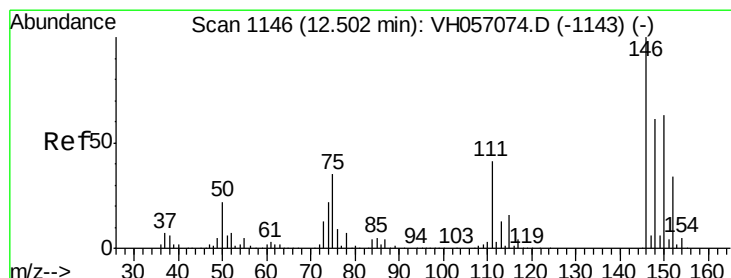
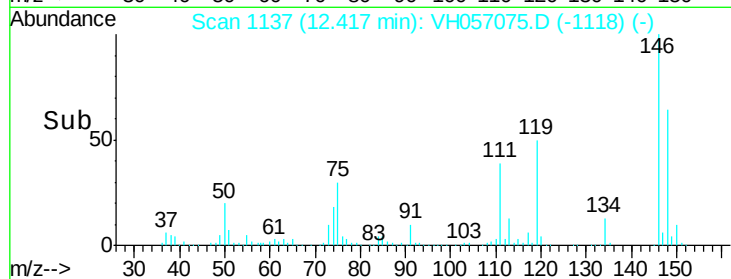
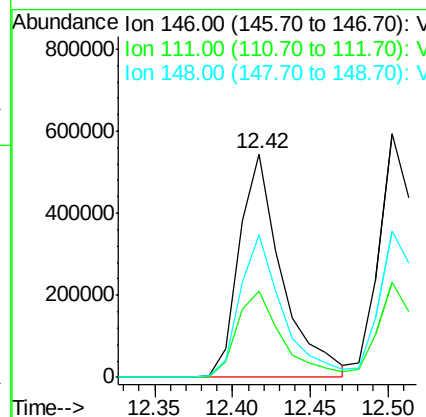
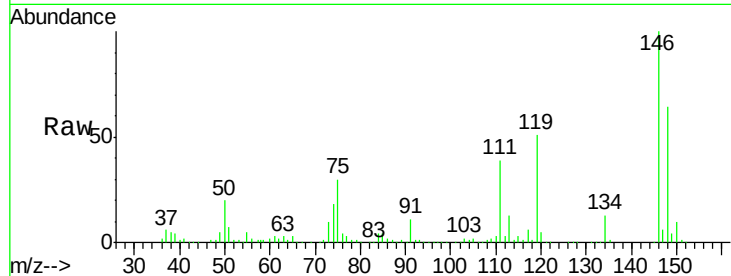




#87
 1,3-Dichlorobenzene
 Concen: 104.57 ug/l
 RT: 12.42 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

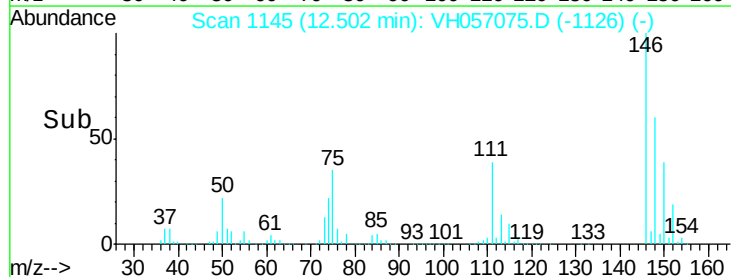
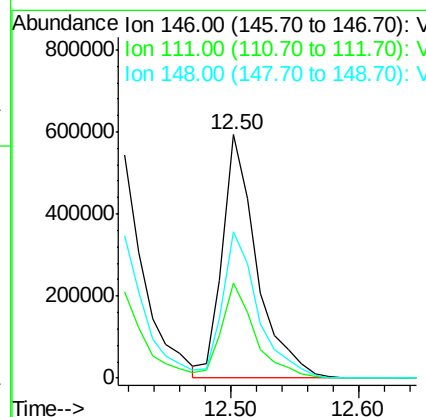
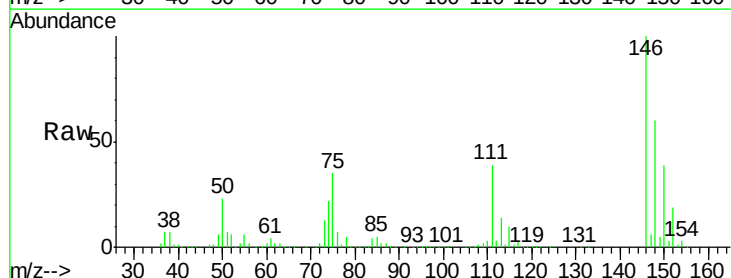
Instrument :
 MSVOA_H
 ClientSampleId :
 ICVVH091715

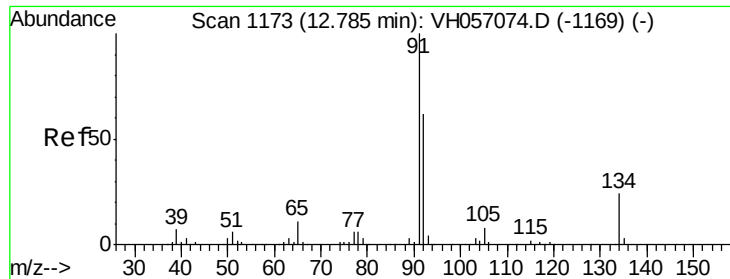
Tgt Ion:146 Resp: 1036112
 Ion Ratio Lower Upper
 146 100
 111 38.6 21.0 63.0
 148 64.0 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 104.84 ug/l
 RT: 12.50 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

Tgt Ion:146 Resp: 1093458
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.8 59.3
 148 59.9 30.3 90.9

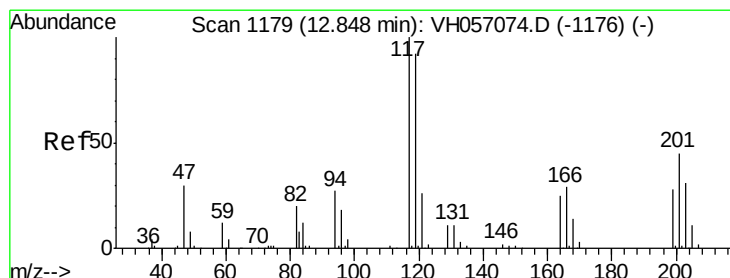
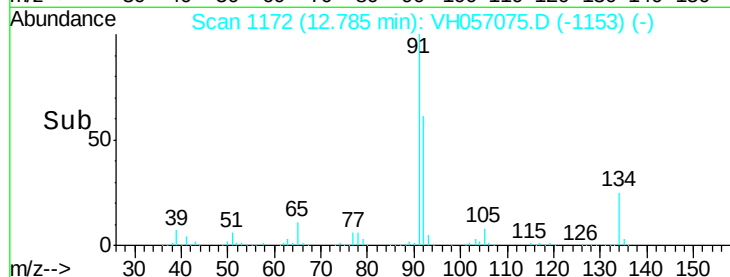
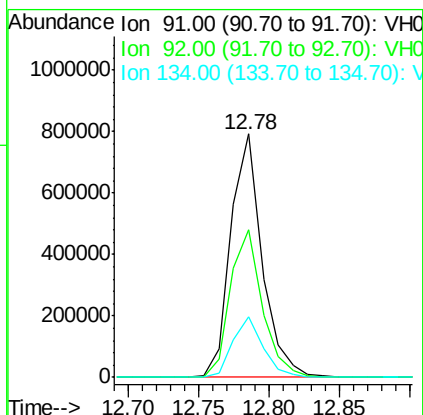
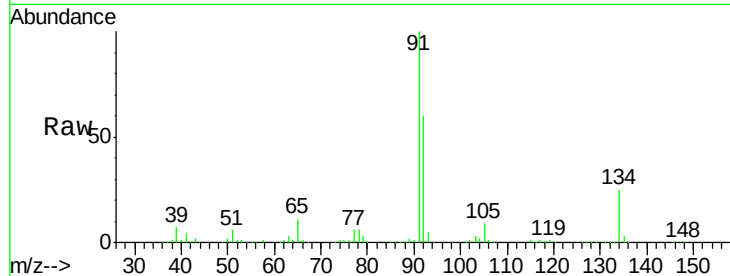




#89
n-Butylbenzene
Concen: 106.73 ug/l
RT: 12.78 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

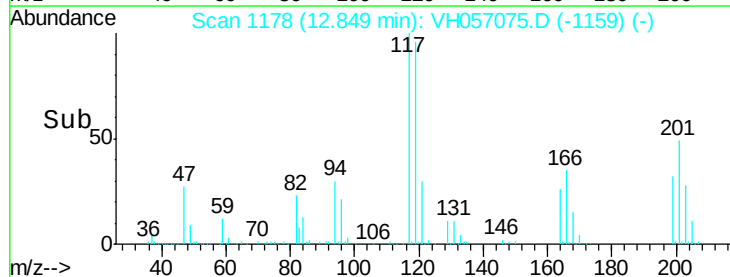
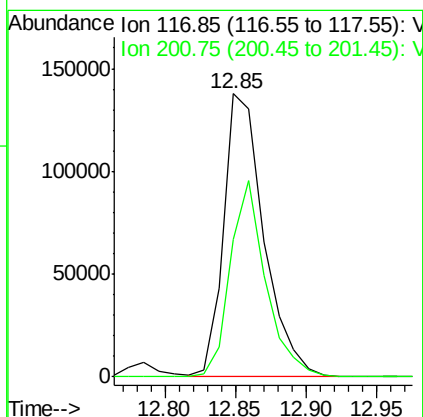
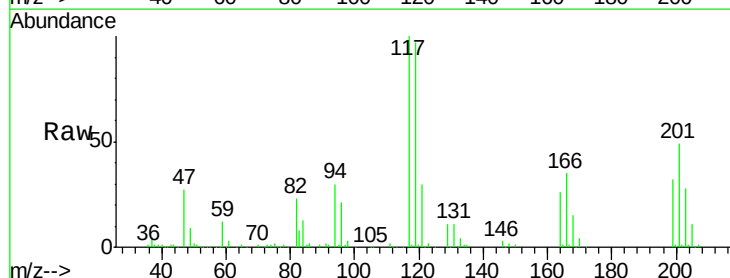
Instrument :
MSVOA_H
ClientSampled :
ICVVH091715

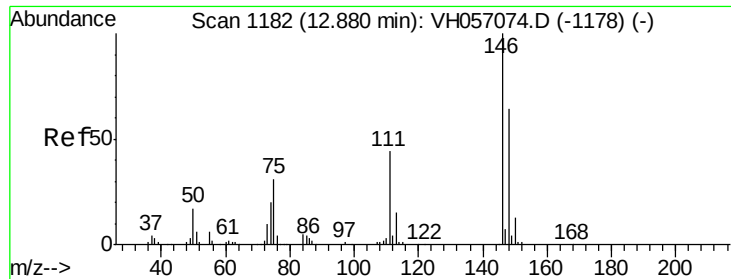
Tgt Ion: 91 Resp: 1222192
Ion Ratio Lower Upper
91 100
92 60.4 31.3 93.9
134 25.0 10.5 31.6



#90
Hexachloroethane
Concen: 87.38 ug/l
RT: 12.85 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

Tgt Ion: 117 Resp: 271832
Ion Ratio Lower Upper
117 100
201 48.6 14.0 80.8

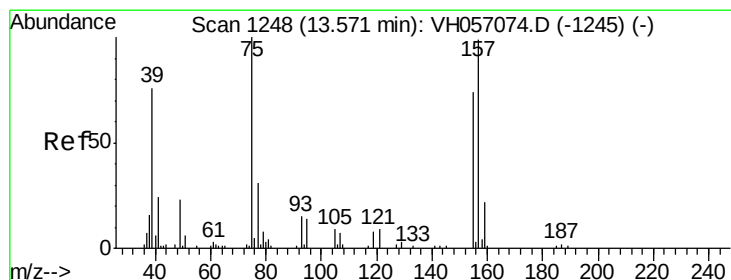
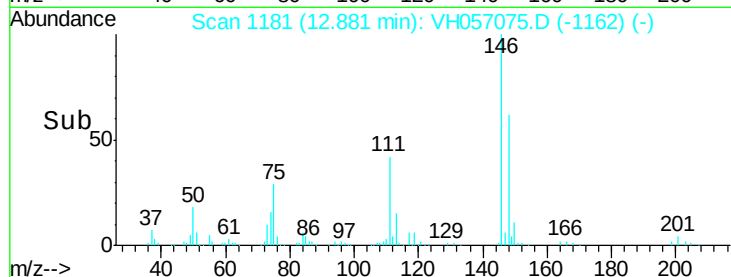
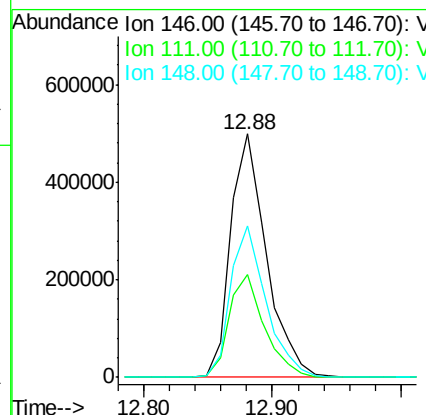
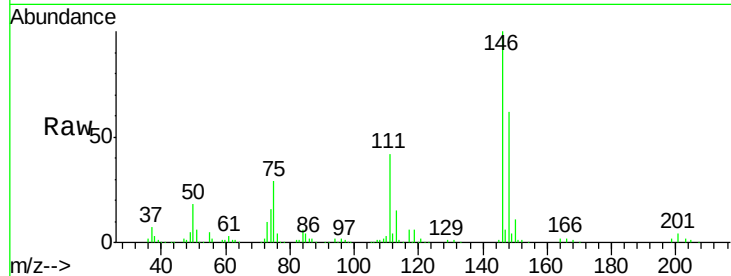




#91
 1,2-Dichlorobenzene
 Concen: 112.49 ug/l
 RT: 12.88 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

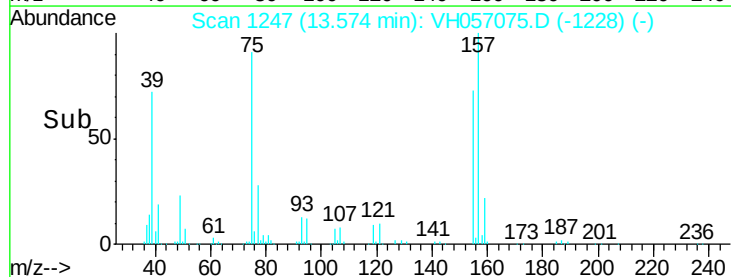
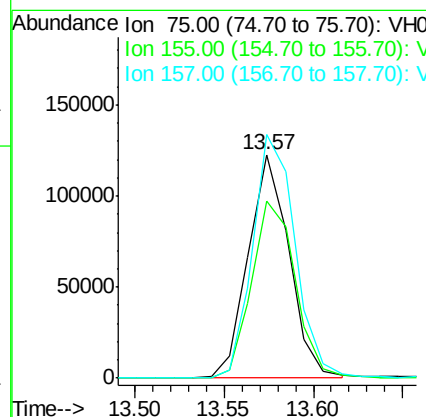
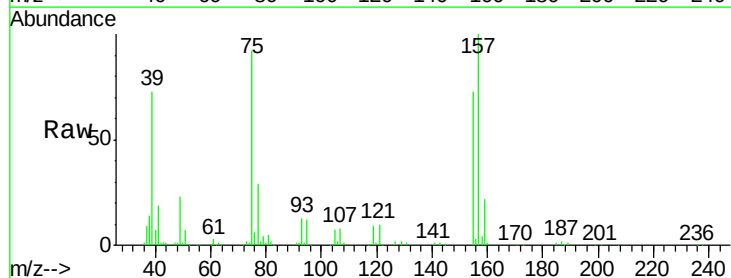
Instrument :
 MSVOA_H
 ClientSampleId :
 ICVVH091715

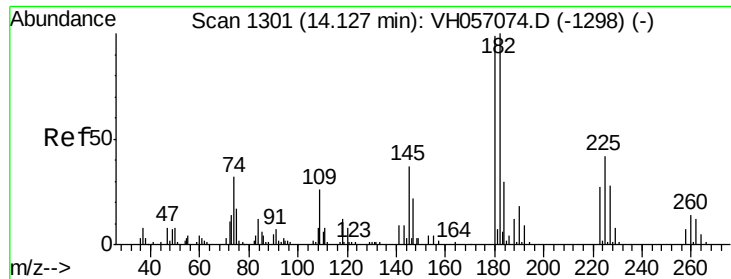
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	22.1	66.1
148	62.1	31.4	94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 120.10 ug/l
 RT: 13.57 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	43.4	130.2
157	109.1	62.8	188.4

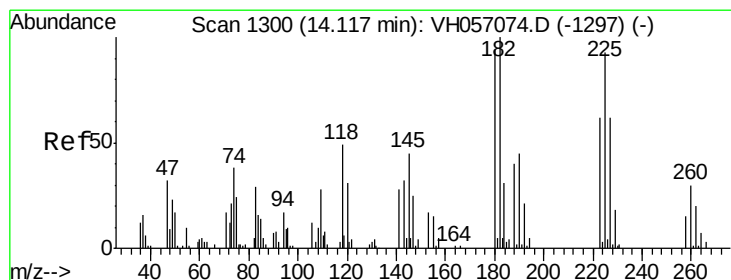
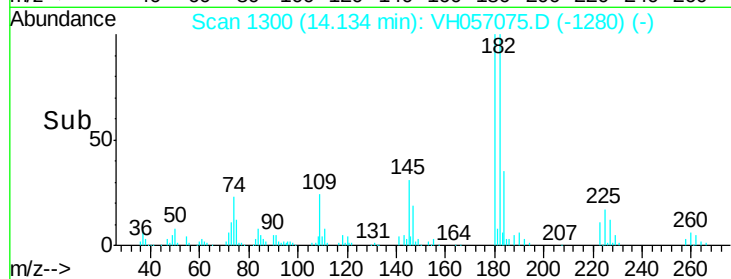
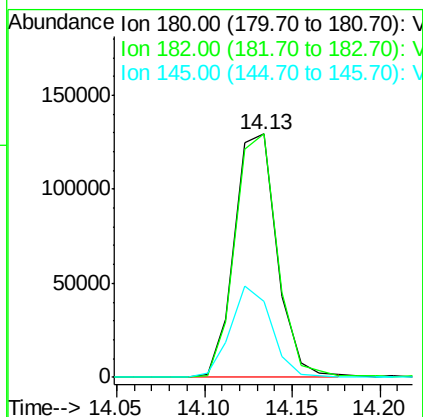
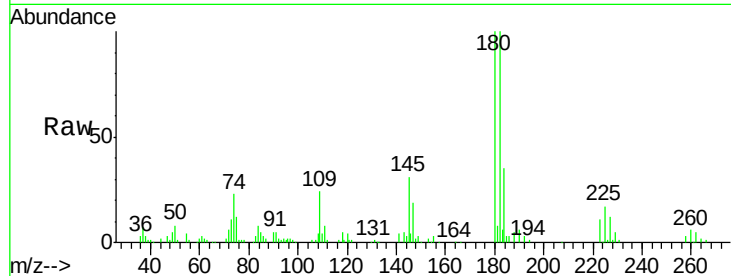




#93
 1,2,4-Trichlorobenzene
 Concen: 117.14 ug/l
 RT: 14.13 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

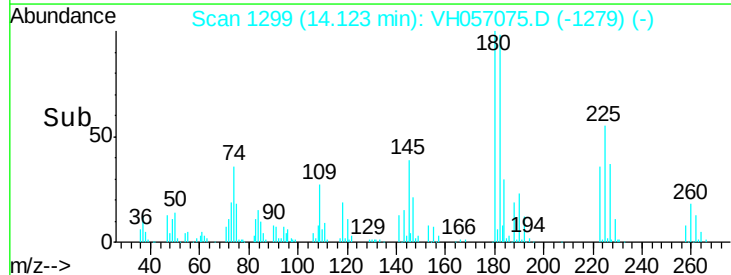
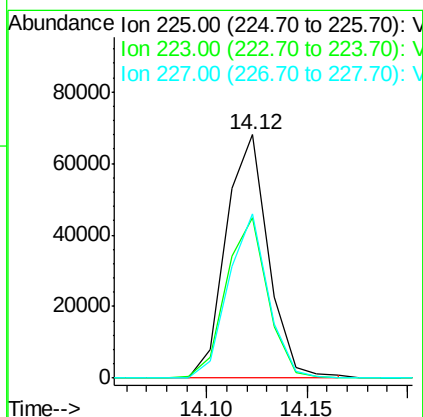
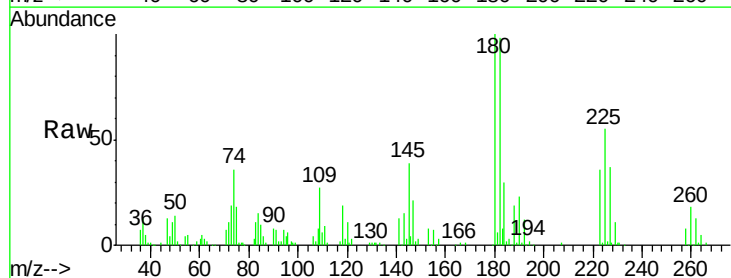
Instrument :
 MSVOA_H
 ClientSampleId :
 ICVVH091715

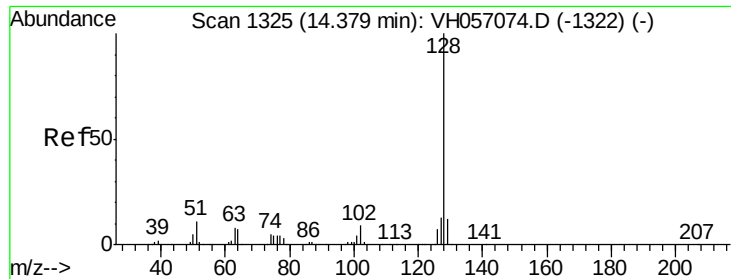
Tgt Ion:180 Resp: 217093
 Ion Ratio Lower Upper
 180 100
 182 100.0 43.0 129.2
 145 31.0 17.3 52.0



#94
 Hexachlorobutadiene
 Concen: 129.22 ug/l
 RT: 14.12 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: VH057075.D
 Acq: 17 Sep 2015 19:56

Tgt Ion:225 Resp: 99840
 Ion Ratio Lower Upper
 225 100
 223 65.6 30.3 90.8
 227 69.1 30.5 91.5

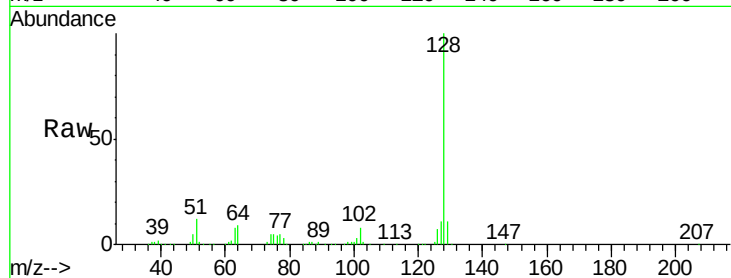




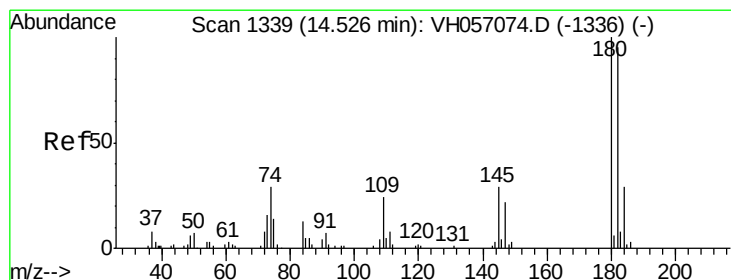
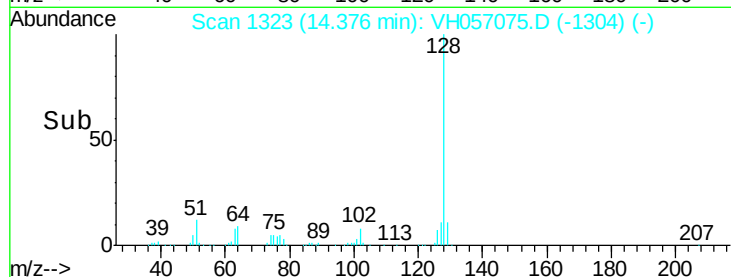
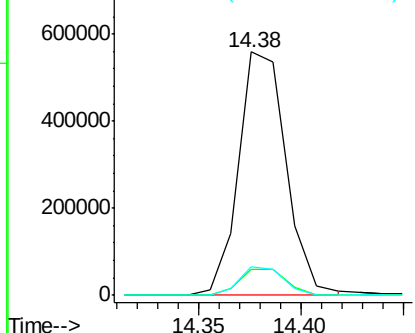
#95
Naphthalene
Concen: 120.06 ug/l
RT: 14.38 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

Instrument :
MSVOA_H
ClientSampleId :
ICVVH091715

Tgt Ion:128 Resp: 903592
Ion Ratio Lower Upper
128 100
127 10.8 9.6 14.4
129 11.5 8.7 13.1

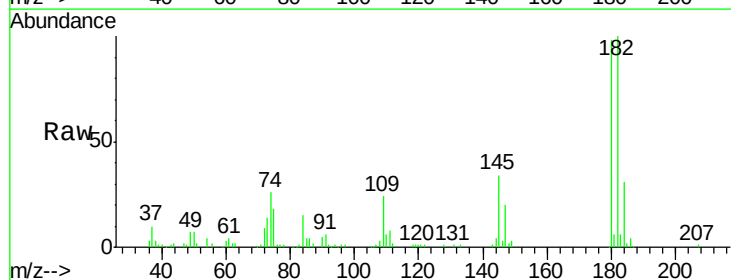


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 132.41 ug/l
RT: 14.52 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VH057075.D
Acq: 17 Sep 2015 19:56

Tgt Ion:180 Resp: 154138
Ion Ratio Lower Upper
180 100
182 102.5 47.1 141.3
145 34.7 12.5 37.5



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

