

Data Path : W:\HPCHEM1\MSVOA\_H\DATA\XH091715\  
 Data File : VH057070.D  
 Acq On : 17 Sep 2015 17:13  
 Operator : SY/FY  
 Sample : VSTDIC010  
 Misc : 5mL/MSVOA\_H/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_H  
 ClientSampleId :  
 VSTDIC010

Quant Time: Sep 18 08:55:43 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  | 723110   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.58  | 114  | 1324589  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.72  | 117  | 999805   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.49 | 152  | 272140   | 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       | 125712   | 11.01 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 66 - 150 | Recovery | =     | 22.02%# |          |
| 35) Dibromofluoromethane    |        | 4.08  | 113      | 101915   | 10.63 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 76 - 130 | Recovery | =     | 21.26%# |          |
| 48) Toluene-d8              |        | 7.51  | 98       | 289052   | 11.36 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 121 | Recovery | =     | 22.72%# |          |
| 62) 4-Bromofluorobenzene    |        | 11.36 | 95       | 90158    | 9.72  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 70 - 131 | Recovery | =     | 19.44%# |          |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) Dichlorodifluoromethane     | 0.93 | 85   | 105062   | 11.50 | ug/l  | 99     |
| 3) Chloromethane               | 1.02 | 50   | 137507   | 10.78 | ug/l  | 99     |
| 4) Vinyl Chloride              | 1.09 | 62   | 107742   | 10.27 | ug/l  | 99     |
| 5) Bromomethane                | 1.27 | 94   | 62253    | 12.02 | ug/l  | 81     |
| 6) Chloroethane                | 1.35 | 64   | 55702    | 10.57 | ug/l  | 94     |
| 7) Trichlorofluoromethane      | 1.40 | 101  | 44385    | 5.81  | ug/l  | 93     |
| 8) Tert butyl alcohol          | 2.54 | 59   | 127772   | 53.17 | ug/l  | # 89   |
| 9) Diethyl Ether               | 1.61 | 74   | 47810    | 9.22  | ug/l  | 91     |
| 10) Diisopropyl ether          | 2.78 | 45   | 356916   | 9.49  | ug/l  | 97     |
| 11) 1,1-Dichloroethene         | 1.75 | 96   | 76629    | 10.42 | ug/l  | 97     |
| 12) Methyl Iodide              | 1.85 | 142  | 138148   | 11.36 | ug/l  | 94     |
| 13) Acrolein                   | 1.97 | 56   | 69695    | 44.46 | ug/l  | 97     |
| 14) 1,1,2-Trichlorotrifluoroet | 1.79 | 101  | 74760    | 10.61 | ug/l  | 97     |
| 15) Acrylonitrile              | 2.91 | 53   | 238901   | 44.53 | ug/l  | 96     |
| 16) Allyl Chloride             | 2.08 | 41   | 161119   | 9.54  | ug/l  | 93     |
| 17) Acetone                    | 2.21 | 43   | 357582   | 60.60 | ug/l  | 97     |
| 18) Carbon Disulfide           | 1.77 | 76   | 229170   | 10.14 | ug/l  | # 93   |
| 19) Methyl Acetate             | 2.32 | 43   | 377460   | 8.97  | ug/l  | 93     |
| 20) Methyl tert-butyl Ether    | 2.41 | 73   | 291873   | 10.18 | ug/l  | 100    |
| 21) Methylene Chloride         | 2.16 | 84   | 49774    | 5.94  | ug/l  | 96     |
| 22) trans-1,2-Dichloroethene   | 2.29 | 96   | 81657    | 10.07 | ug/l  | 98     |
| 23) Vinyl Acetate              | 3.17 | 43   | 839284   | 50.96 | ug/l  | 99     |
| 24) 1,1-Dichloroethane         | 2.84 | 63   | 177463   | 10.07 | ug/l  | 98     |
| 25) 2-Butanone                 | 4.30 | 43   | 641794   | 49.28 | ug/l  | 99     |
| 26) 2,2-Dichloropropane        | 3.57 | 77   | 111575   | 11.52 | ug/l  | 97     |
| 27) cis-1,2-Dichloroethene     | 3.45 | 96   | 108812   | 10.64 | ug/l  | 94     |
| 28) Bromochloromethane         | 3.69 | 128  | 33566    | 8.80  | ug/l  | 90     |
| 29) Chloroform                 | 3.84 | 83   | 207126   | 11.21 | ug/l  | 94     |
| 30) Cyclohexane                | 3.67 | 56   | 145728   | 10.83 | ug/l  | 92     |
| 31) Tetrahydrofuran            | 4.05 | 42   | 362003   | 47.83 | ug/l  | 95     |
| 32) 1,1,1-Trichloroethane      | 4.07 | 97   | 149042   | 11.61 | ug/l  | 93     |
| 36) 1,1-Dichloropropene        | 4.26 | 75   | 158636   | 11.68 | ug/l  | 96     |
| 37) Ethyl acetate              | 4.09 | 43   | 301364   | 10.61 | ug/l  | # 55   |
| 38) Carbon Tetrachloride       | 3.97 | 117  | 121729   | 11.37 | ug/l  | 97     |

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_H  
 ClientSampleId :  
 VSTDIC010

Quant Time: Sep 18 08:55:43 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   | 374163   | 10.96  | ug/l   | 94       |
| 40) Methacrylonitrile          | 4.71  | 41   | 129840   | 9.85   | ug/l   | 92       |
| 41) 1,2-Dichloroethane         | 4.91  | 62   | 161091   | 11.01  | ug/l   | 100      |
| 42) Isopropyl Acetate          | 5.46  | 43   | 400660   | 10.91  | ug/l # | 96       |
| 43) Trichloroethene            | 5.48  | 130  | 93800    | 11.05  | ug/l   | 98       |
| 44) Methylcyclohexane          | 5.43  | 83   | 93739    | 11.15  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 6.21  | 63   | 116715   | 10.63  | ug/l   | 100      |
| 46) Dibromomethane             | 6.06  | 93   | 74122    | 10.75  | ug/l   | 94       |
| 47) Bromodichloromethane       | 6.35  | 83   | 157001   | 11.15  | ug/l   | 98       |
| 49) 4-Methyl-2-Pentanone       | 8.21  | 43   | 1195002  | 53.08  | ug/l   | 94       |
| 50) Toluene                    | 7.59  | 92   | 238775   | 10.94  | ug/l   | 94       |
| 51) t-1,3-Dichloropropene      | 8.23  | 75   | 172100   | 10.61  | ug/l   | 100      |
| 52) Methyl Methacrylate        | 6.69  | 69   | 111762   | 10.10  | ug/l   | 96       |
| 53) 1,4-Dioxane                | 6.67  | 88   | 28909    | 266.11 | ug/l   | 90       |
| 54) cis-1,3-Dichloropropene    | 7.26  | 75   | 189069   | 10.69  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 8.44  | 97   | 98676    | 11.11  | ug/l   | 96       |
| 56) Ethyl Methacrylate         | 8.58  | 69   | 185400   | 10.06  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 8.80  | 76   | 204907   | 10.99  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.26  | 63   | 507620   | 32.08  | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.44  | 43   | 917190   | 55.87  | ug/l   | 99       |
| 60) Dibromochloromethane       | 8.66  | 129  | 107464   | 10.66  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 8.93  | 107  | 108334   | 10.41  | ug/l   | 95       |
| 64) Tetrachloroethene          | 8.11  | 164  | 60138    | 10.68  | ug/l   | 95       |
| 65) Chlorobenzene              | 9.75  | 112  | 233186   | 11.17  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.87  | 131  | 77034    | 10.51  | ug/l   | 89       |
| 67) Ethyl Benzene              | 9.85  | 106  | 107479   | 10.27  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.08 | 106  | 261482   | 20.80  | ug/l   | 95       |
| 69) o-Xylene                   | 10.66 | 106  | 130945   | 10.79  | ug/l   | 88       |
| 70) Styrene                    | 10.73 | 104  | 223510   | 10.93  | ug/l   | 96       |
| 71) Bromoform                  | 10.72 | 173  | 57505    | 9.58   | ug/l   | 95       |
| 73) Isopropylbenzene           | 11.08 | 105  | 269083   | 10.52  | ug/l   | 91       |
| 74) n-Amyl Acetate             | 11.33 | 43   | 297076   | 10.68  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.64 | 83   | 131995   | 9.98   | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 11.74 | 75   | 116269   | 11.30  | ug/l   | 91       |
| 77) Bromobenzene               | 11.44 | 156  | 78571    | 11.39  | ug/l   | 91       |
| 78) n-propylbenzene            | 11.54 | 91   | 305530   | 11.36  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 11.66 | 91   | 186447   | 11.44  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene     | 11.77 | 105  | 175002   | 11.06  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-Buten | 11.81 | 75   | 82521    | 10.50  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.84 | 91   | 216548   | 11.12  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 12.08 | 119  | 176089   | 11.83  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 12.15 | 105  | 183281   | 11.46  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 12.24 | 105  | 173222   | 10.94  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 12.40 | 119  | 134100   | 11.04  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 12.41 | 146  | 91066    | 11.06  | ug/l   | 92       |
| 88) 1,4-Dichlorobenzene        | 12.51 | 146  | 95150    | 10.98  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.78 | 91   | 100825   | 10.60  | ug/l   | 95       |
| 90) Hexachloroethane           | 12.85 | 117  | 30940    | 11.97  | ug/l   | 71       |
| 91) 1,2-Dichlorobenzene        | 12.87 | 146  | 82923    | 11.71  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.58 | 75   | 15804    | 11.80  | ug/l   | 92       |

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Sample : VSTDIC010  
Misc : 5mL/MSVOA\_H/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_H  
ClientSampleId :  
VSTDIC010

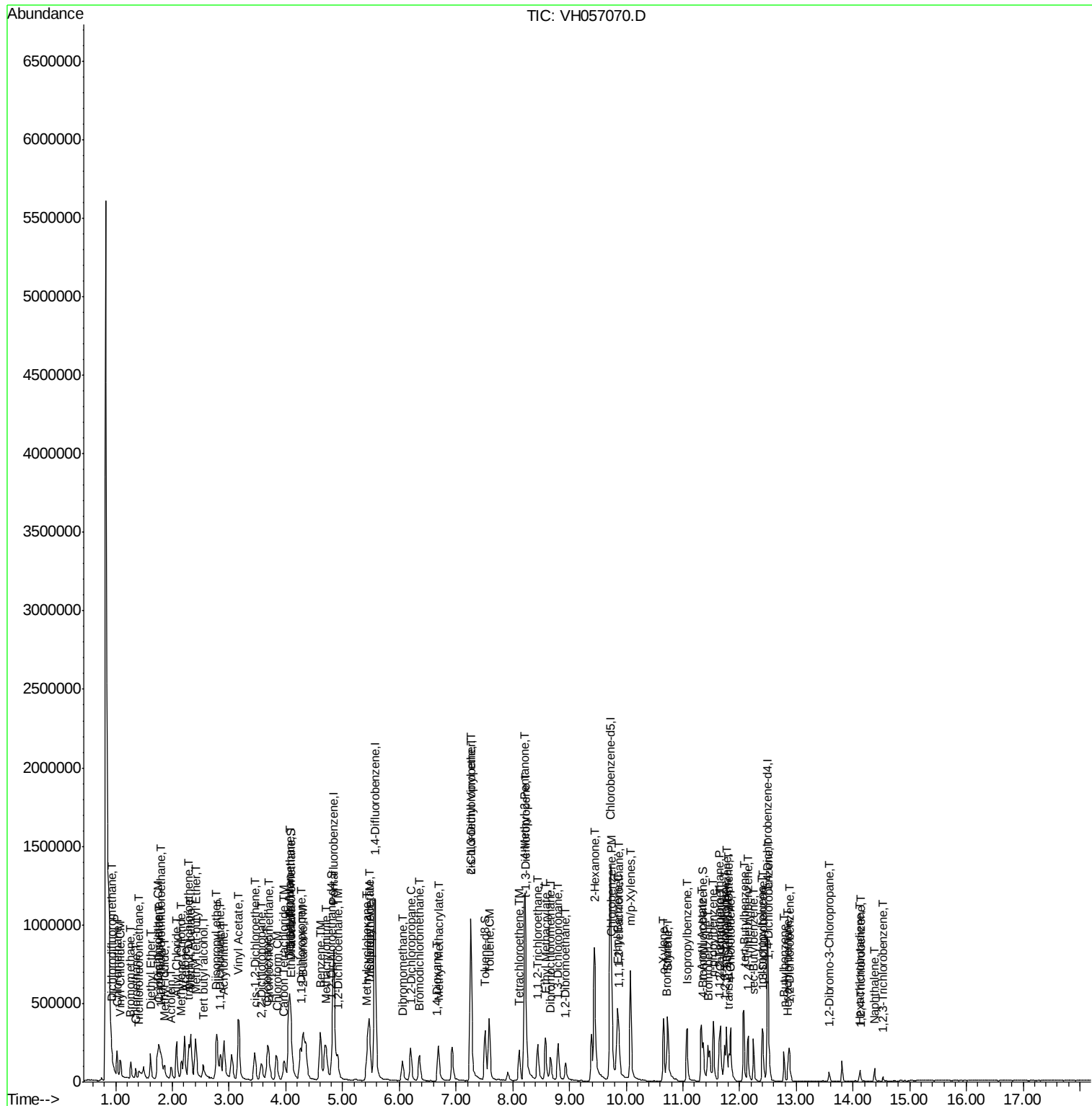
Quant Time: Sep 18 08:55:43 2015  
Quant Method : W:\HPCHEM1\MSVOA\_H\METHODS\82H091715W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 18 08:54:56 2015  
Response via : Initial Calibration

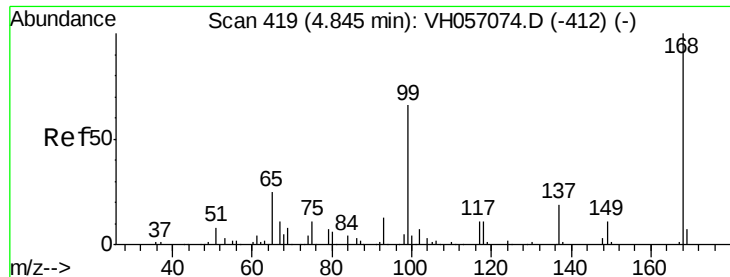
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|-------|------|----------|-------|--------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.13 | 180  | 13048    | 11.91 | ug/l   | 81       |
| 94) Hexachlorobutadiene    | 14.12 | 225  | 9232     | 14.38 | ug/l   | 85       |
| 95) Naphthalene            | 14.38 | 128  | 54090    | 10.36 | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.53 | 180  | 7963     | 10.86 | ug/l # | 93       |

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

**Instrument :**  
MSVOA\_H  
**ClientSampleId :**  
VSTDICC010

Quant Time: Sep 18 08:55:43 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.84 min Scan# 420

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

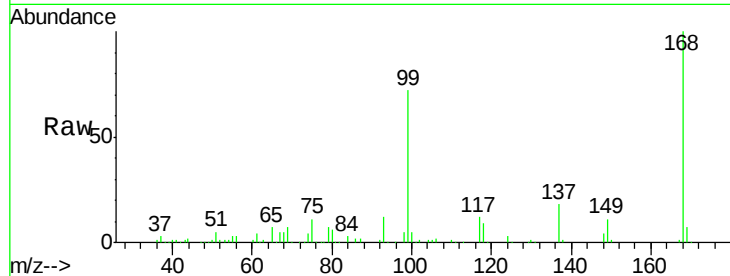
VSTDIC010

Tgt Ion:168 Resp: 723110

Ion Ratio Lower Upper

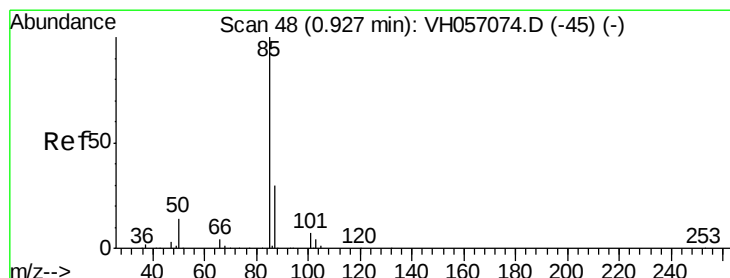
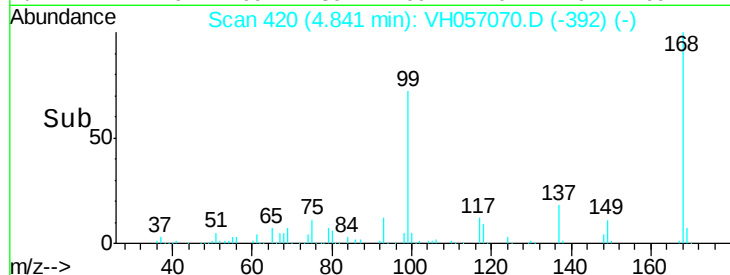
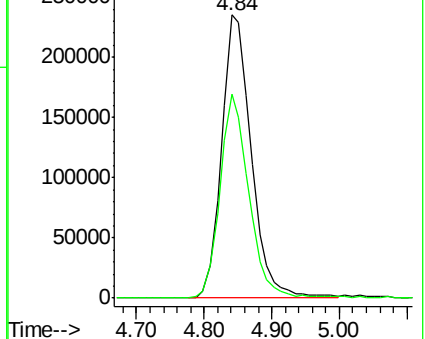
168 100

99 72.0 55.8 83.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VHC



#2

Dichlorodifluoromethane

Concen: 11.50 ug/l

RT: 0.93 min Scan# 48

Delta R.T. 0.00 min

Lab File: VH057070.D

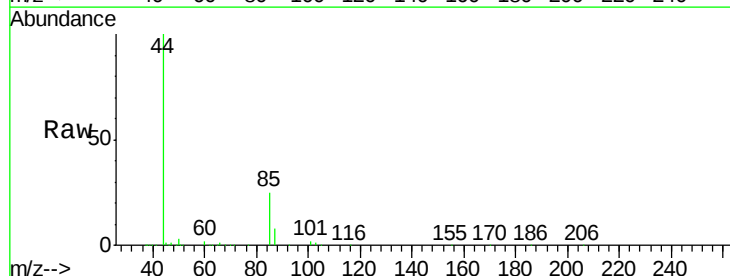
Acq: 17 Sep 2015 17:13

Tgt Ion: 85 Resp: 105062

Ion Ratio Lower Upper

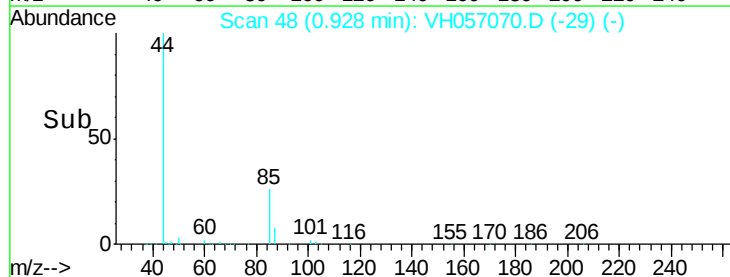
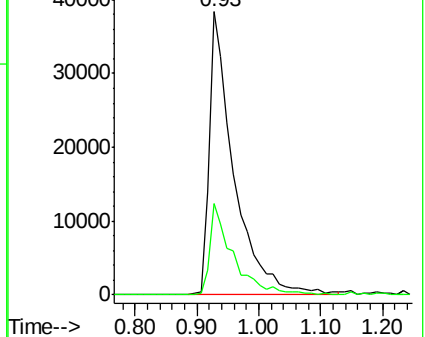
85 100

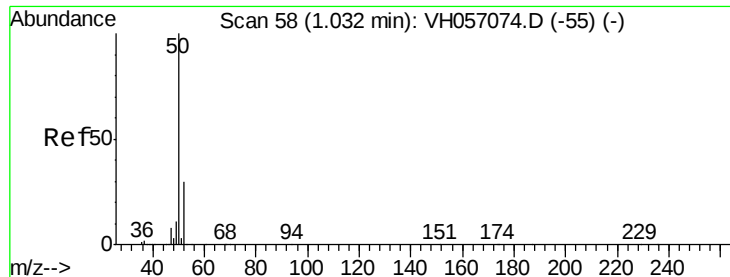
87 32.2 16.0 47.9



Abundance Ion 85.00 (84.70 to 85.70): VHC

Ion 87.00 (86.70 to 87.70): VHC





#3

Chloromethane

Concen: 10.78 ug/l

RT: 1.02 min Scan# 57

Delta R.T. -0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

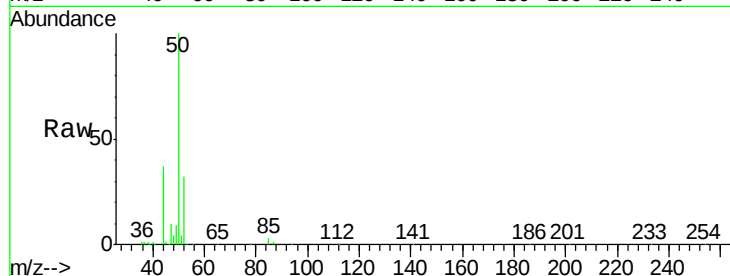
VSTDIC010

Tgt Ion: 50 Resp: 137507

Ion Ratio Lower Upper

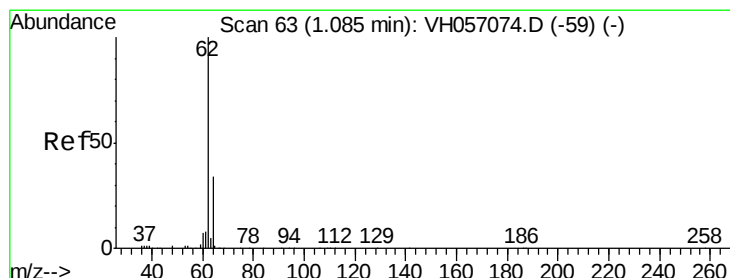
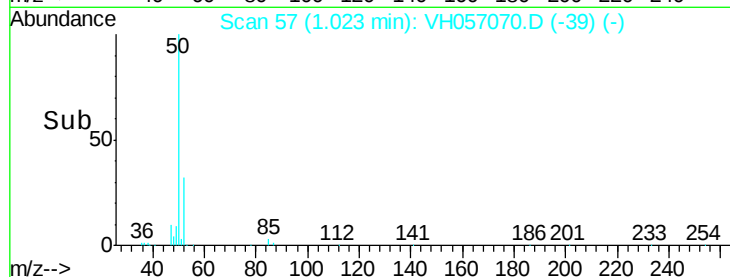
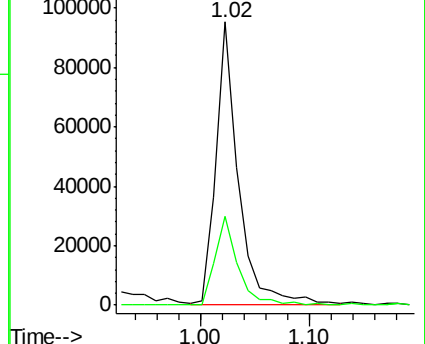
50 100

52 31.5 25.8 38.8



Abundance Ion 50.00 (49.70 to 50.70): VH0

Ion 52.00 (51.70 to 52.70): VH0



#4

Vinyl Chloride

Concen: 10.27 ug/l

RT: 1.09 min Scan# 63

Delta R.T. 0.00 min

Lab File: VH057070.D

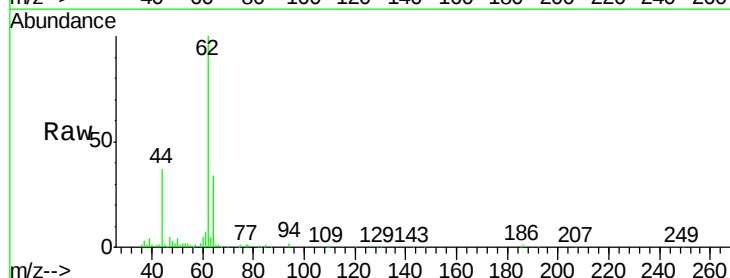
Acq: 17 Sep 2015 17:13

Tgt Ion: 62 Resp: 107742

Ion Ratio Lower Upper

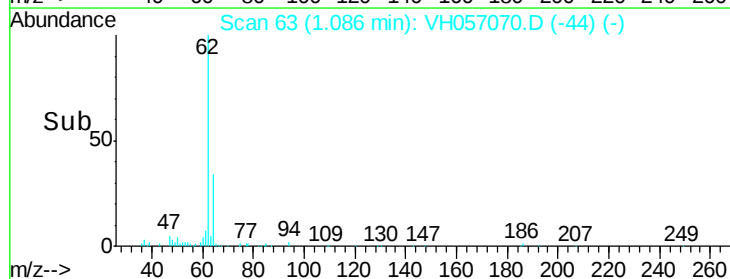
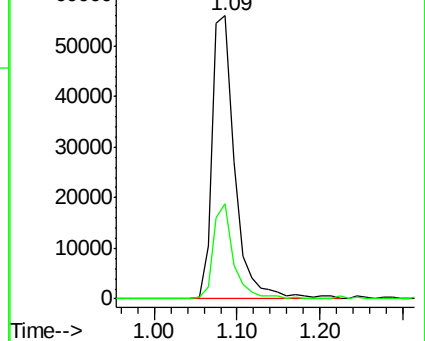
62 100

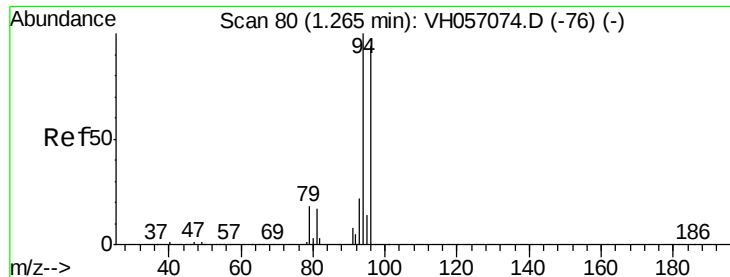
64 33.7 26.6 40.0



Abundance Ion 62.00 (61.70 to 62.70): VH0

Ion 64.00 (63.70 to 64.70): VH0





#5

Bromomethane

Concen: 12.02 ug/l

RT: 1.27 min Scan# 80

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

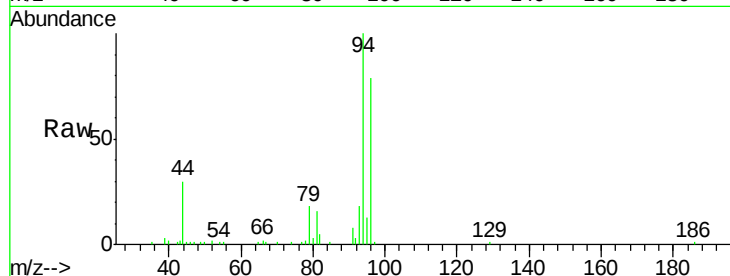
VSTDIC010

Tgt Ion: 94 Resp: 62253

Ion Ratio Lower Upper

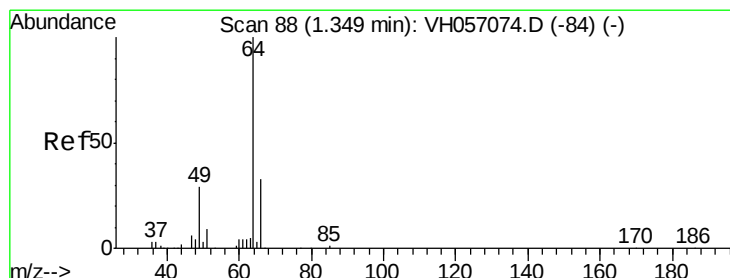
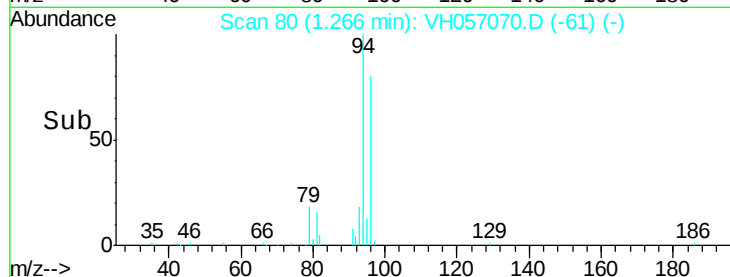
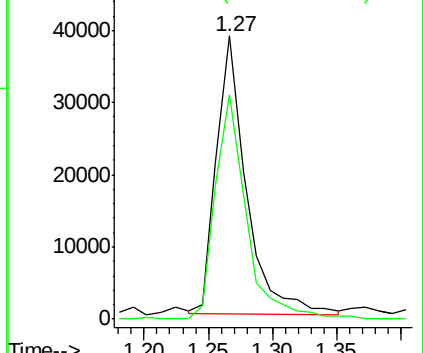
94 100

96 79.1 78.5 117.7



Abundance Ion 94.00 (93.70 to 94.70): VH0

Ion 96.00 (95.70 to 96.70): VH0



#6

Chloroethane

Concen: 10.57 ug/l

RT: 1.35 min Scan# 88

Delta R.T. 0.00 min

Lab File: VH057070.D

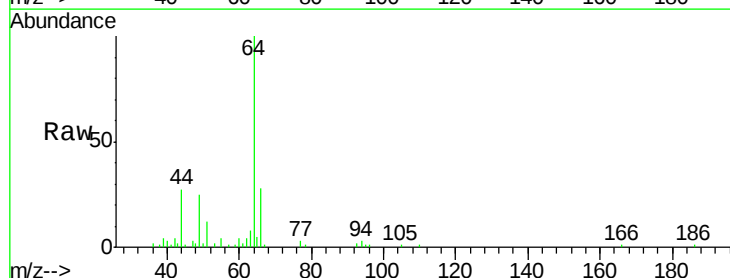
Acq: 17 Sep 2015 17:13

Tgt Ion: 64 Resp: 55702

Ion Ratio Lower Upper

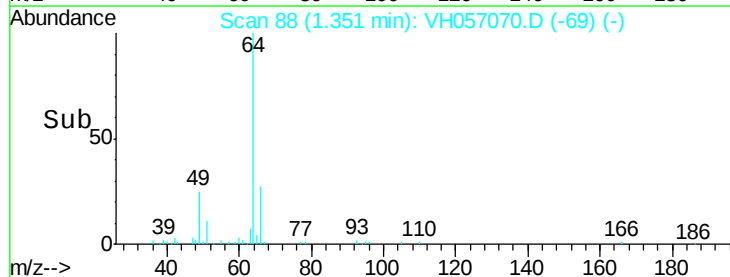
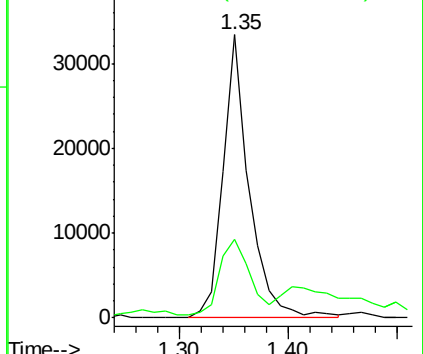
64 100

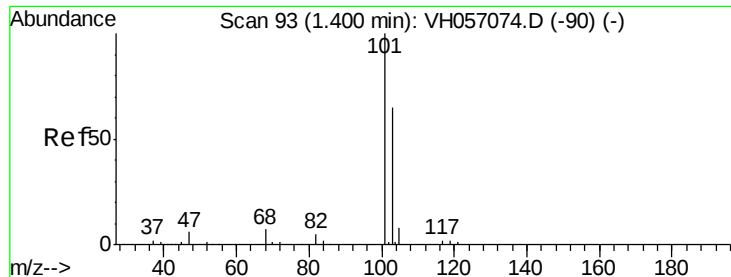
66 28.0 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VH0

Ion 66.00 (65.70 to 66.70): VH0





#7

Trichlorofluoromethane

Concen: 5.81 ug/l

RT: 1.40 min Scan# 93

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

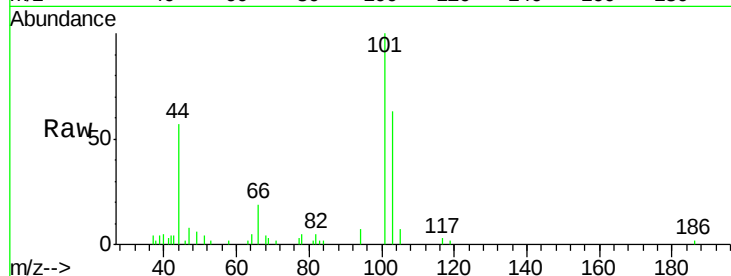
VSTDIC010

Tgt Ion:101 Resp: 44385

Ion Ratio Lower Upper

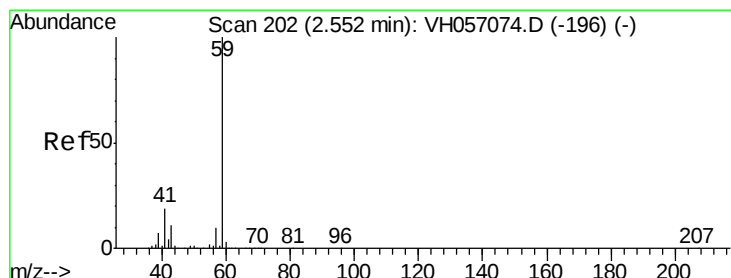
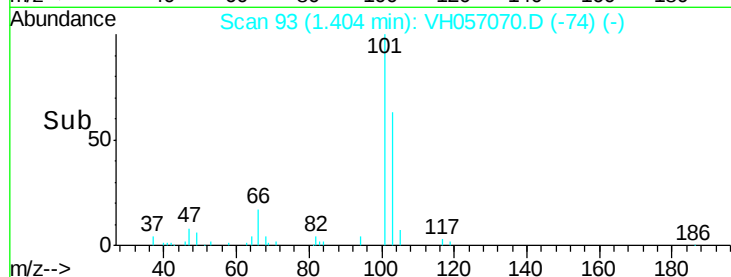
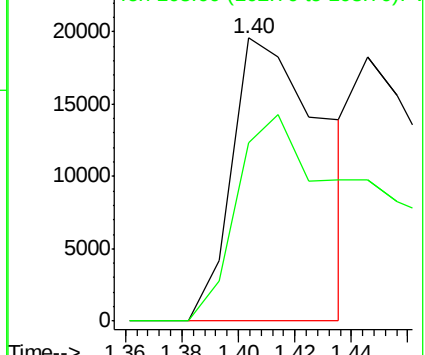
101 100

103 63.2 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: 53.17 ug/l

RT: 2.54 min Scan# 201

Delta R.T. -0.01 min

Lab File: VH057070.D

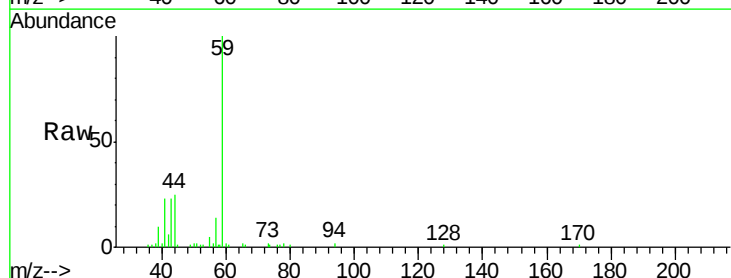
Acq: 17 Sep 2015 17:13

Tgt Ion: 59 Resp: 127772

Ion Ratio Lower Upper

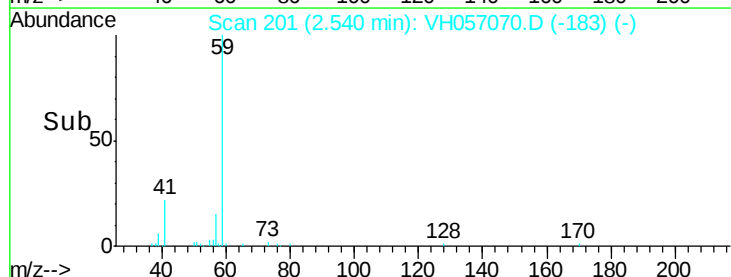
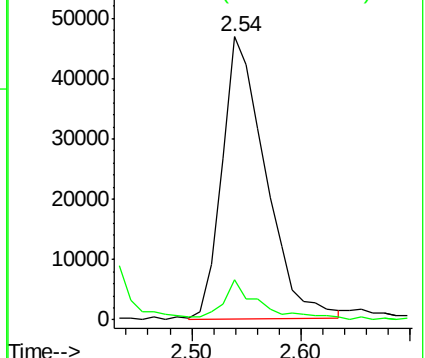
59 100

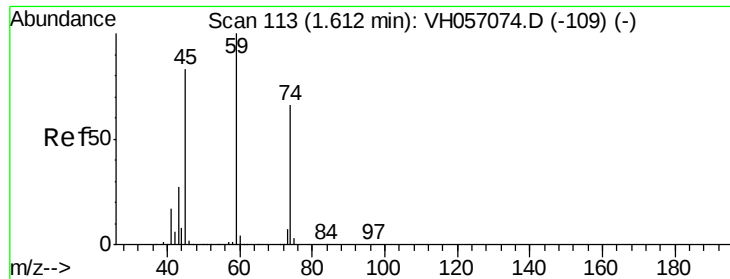
57 14.1 9.0 11.0#



Abundance Ion 59.00 (58.70 to 59.70): VHC

Ion 57.00 (56.70 to 57.70): VHC





#9

Diethyl Ether

Concen: 9.22 ug/l

RT: 1.61 min Scan# 113

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

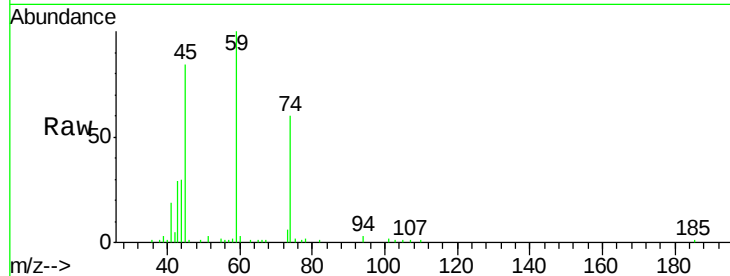
VSTDIC010

Tgt Ion: 74 Resp: 47810

Ion Ratio Lower Upper

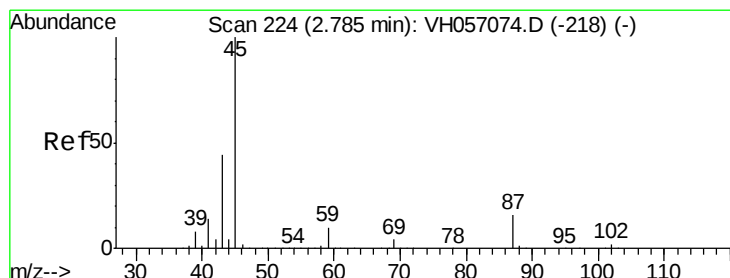
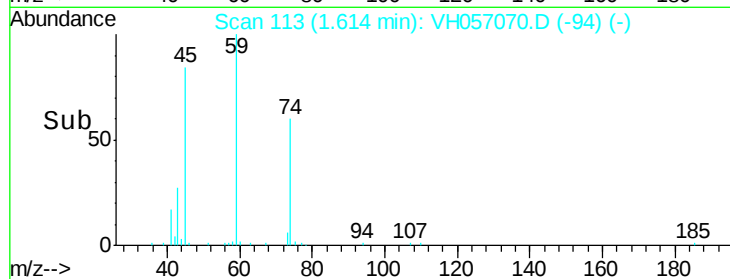
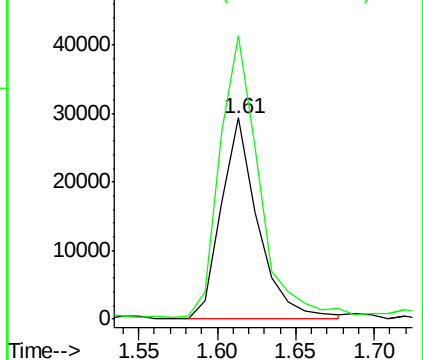
74 100

45 140.9 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: 9.49 ug/l

RT: 2.78 min Scan# 224

Delta R.T. -0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Tgt Ion: 45 Resp: 356916

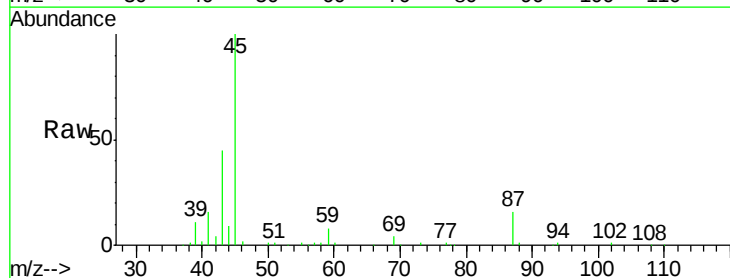
Ion Ratio Lower Upper

45 100

43 45.2 34.6 52.0

87 16.1 12.6 19.0

59 8.5 8.4 12.6

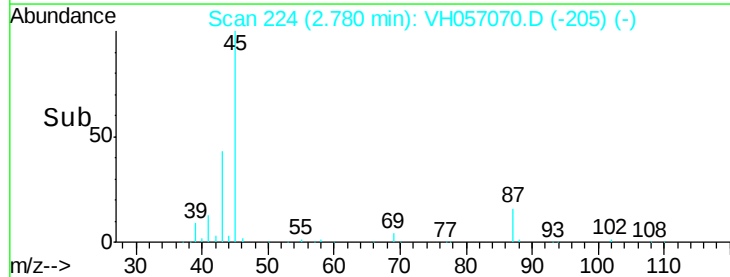
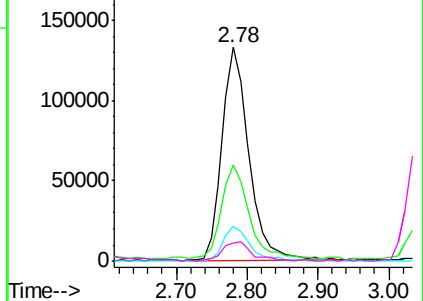


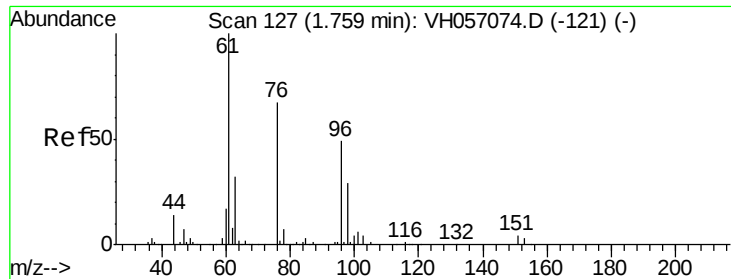
Abundance Ion 45.00 (44.70 to 45.70): VH0

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: 10.42 ug/l

RT: 1.75 min Scan# 126

Delta R.T. -0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampled :

VSTDIC010

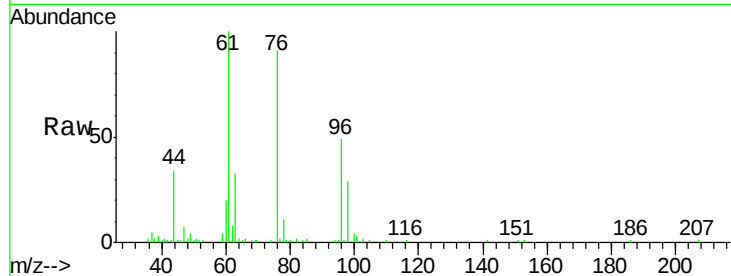
Tgt Ion: 96 Resp: 76629

Ion Ratio Lower Upper

96 100

61 202.3 158.4 237.6

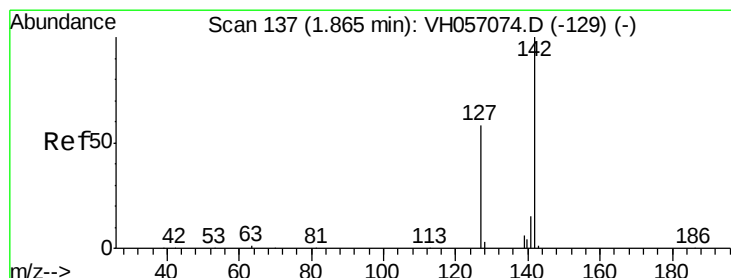
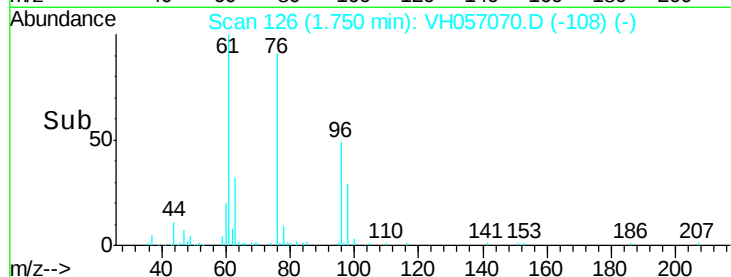
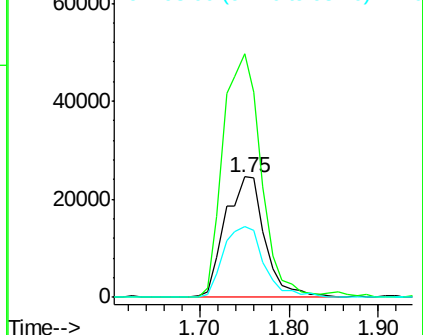
98 59.2 50.6 75.8



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



#12

Methyl Iodide

Concen: 11.36 ug/l

RT: 1.85 min Scan# 136

Delta R.T. -0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

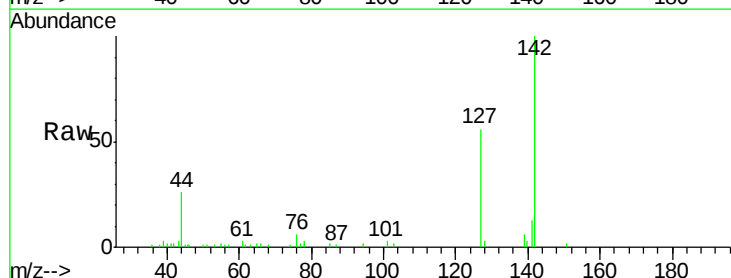
Tgt Ion: 142 Resp: 138148

Ion Ratio Lower Upper

142 100

127 55.5 30.0 90.1

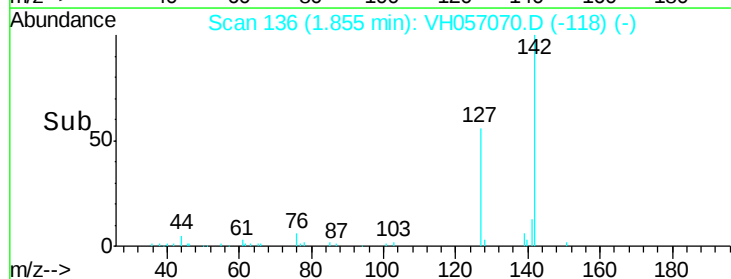
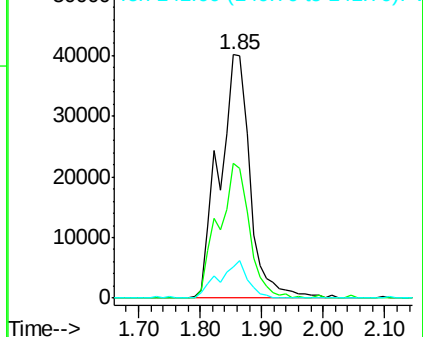
141 12.8 7.1 21.4

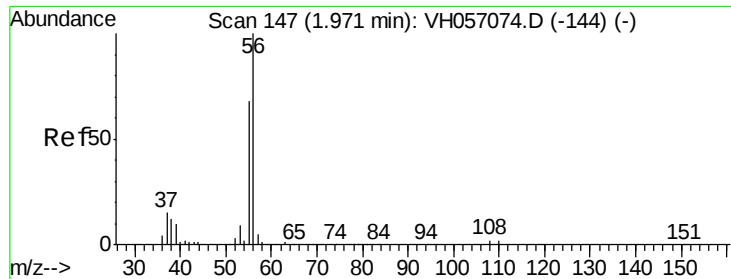


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#13

Acrolein

Concen: 44.46 ug/l

RT: 1.97 min Scan# 147

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

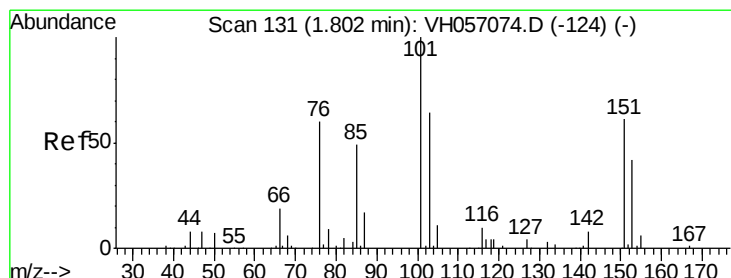
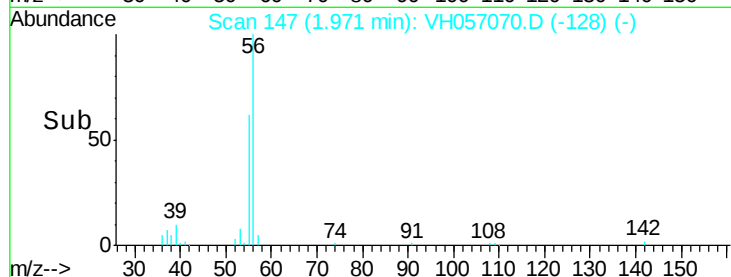
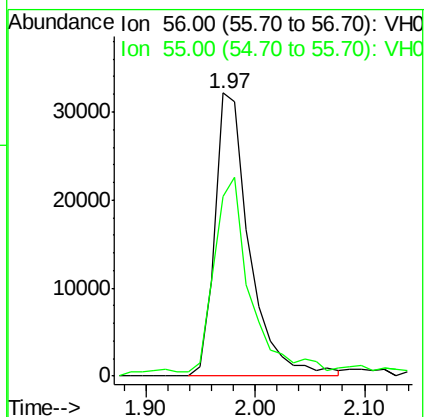
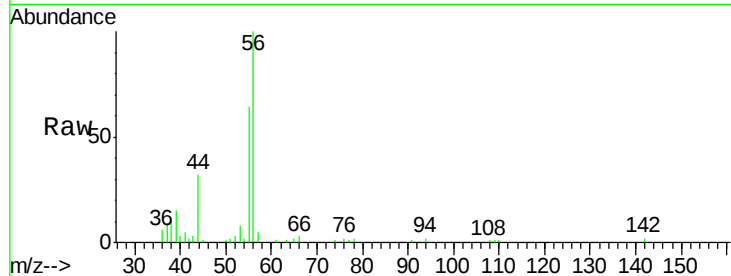
VSTDIC010

Tgt Ion: 56 Resp: 69695

Ion Ratio Lower Upper

56 100

55 63.6 52.9 79.3



#14

1,1,2-Trichlorotrifluoroethane

Concen: 10.61 ug/l

RT: 1.79 min Scan# 130

Delta R.T. -0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

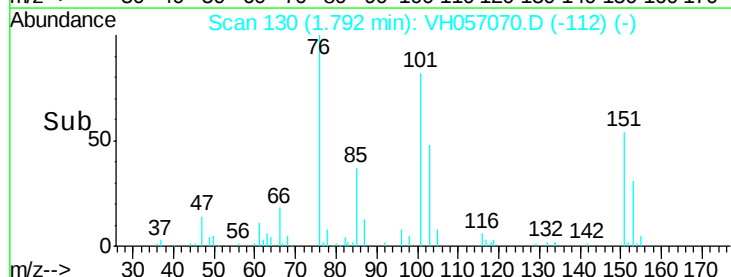
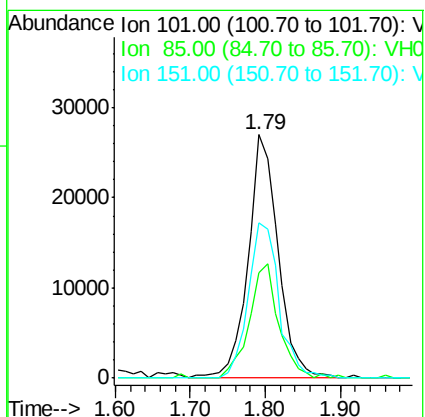
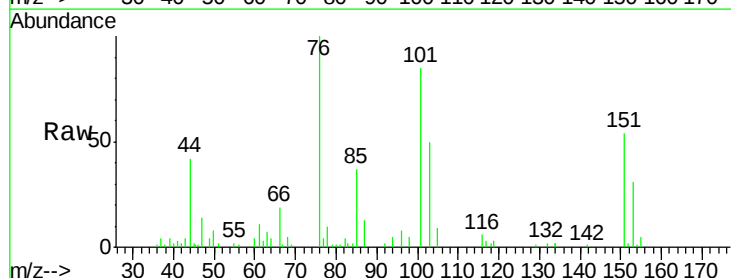
Tgt Ion: 101 Resp: 74760

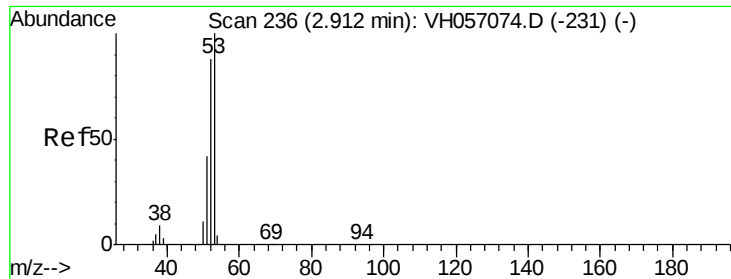
Ion Ratio Lower Upper

101 100

85 43.2 37.9 56.9

151 63.6 50.6 76.0





#15

Acrylonitrile

Concen: 44.53 ug/l

RT: 2.91 min Scan# 236

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

VSTDIC010

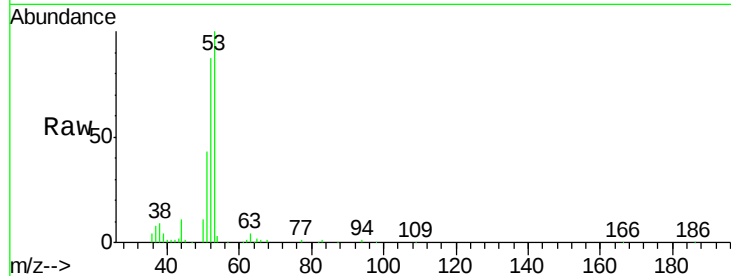
Tgt Ion: 53 Resp: 238901

Ion Ratio Lower Upper

53 100

52 87.1 67.6 101.4

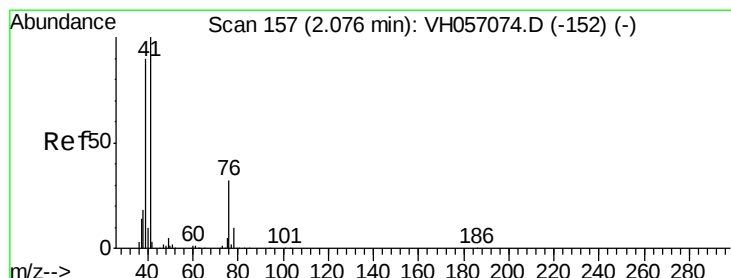
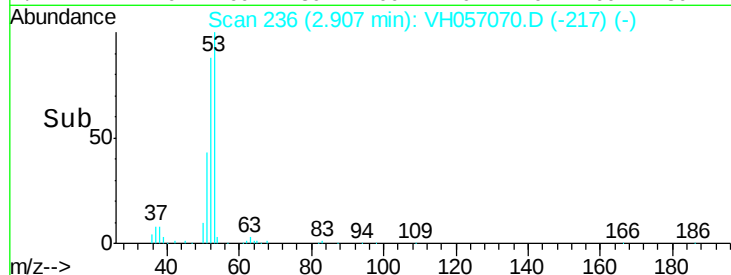
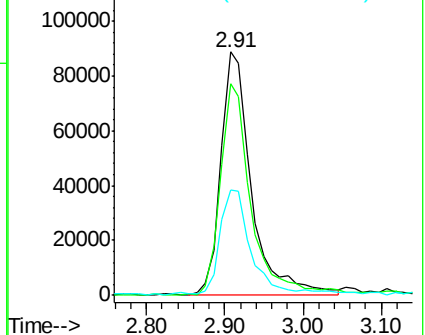
51 43.1 31.8 47.6



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: 9.54 ug/l

RT: 2.08 min Scan# 157

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

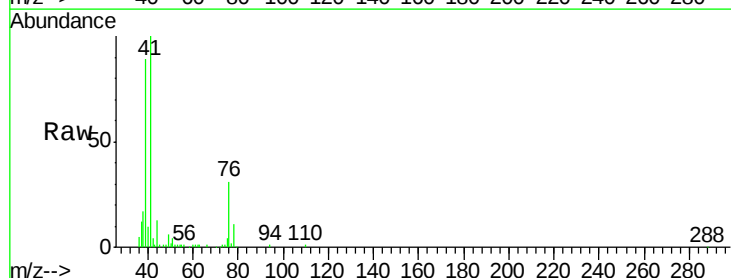
Tgt Ion: 41 Resp: 161119

Ion Ratio Lower Upper

41 100

39 88.7 41.0 123.2

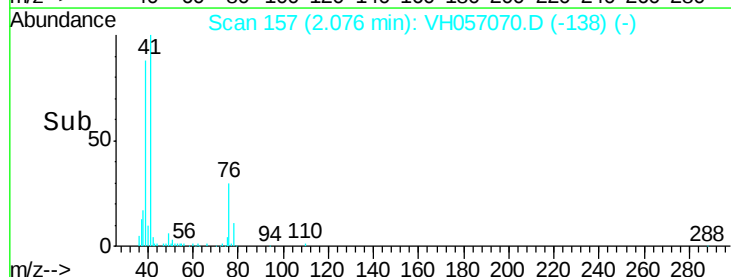
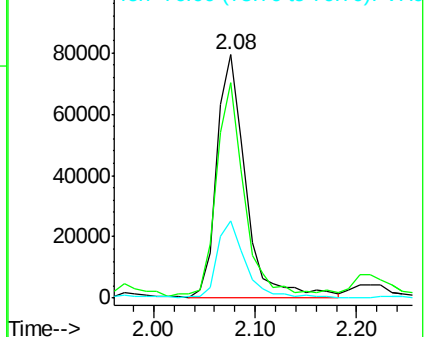
76 31.5 14.3 42.9

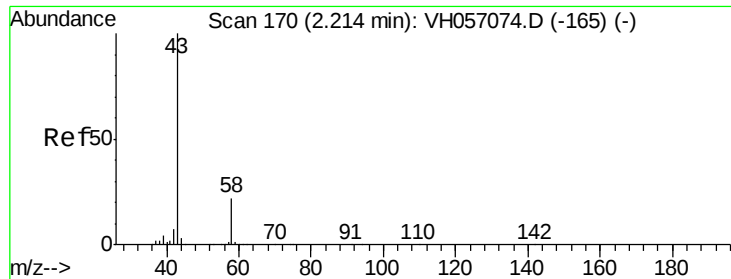


Abundance Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

Ion 76.00 (75.70 to 76.70): VH0

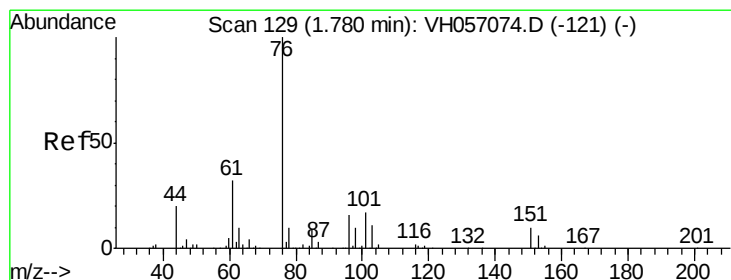
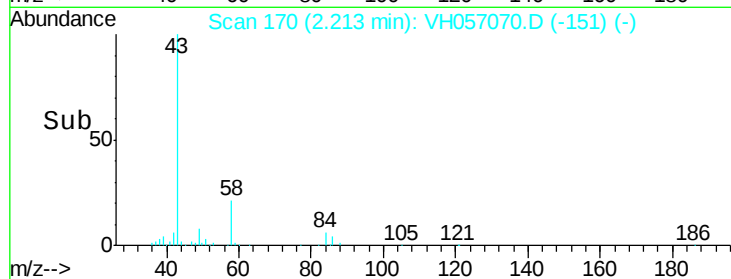
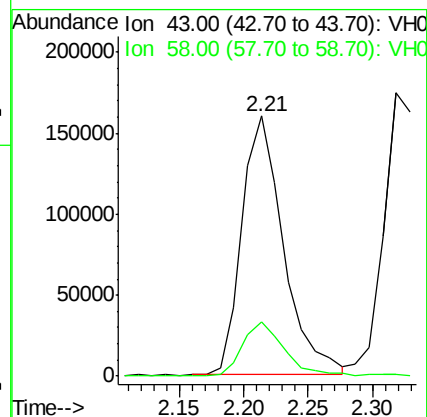
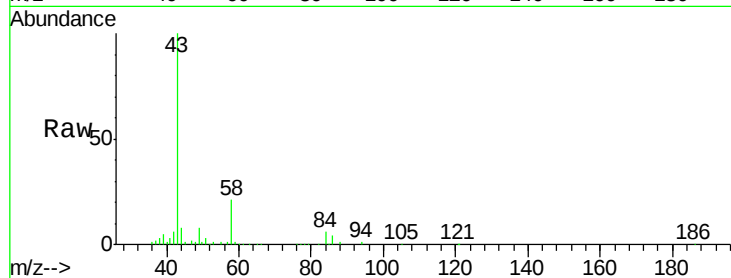




#17  
Acetone  
Concen: 60.60 ug/l  
RT: 2.21 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

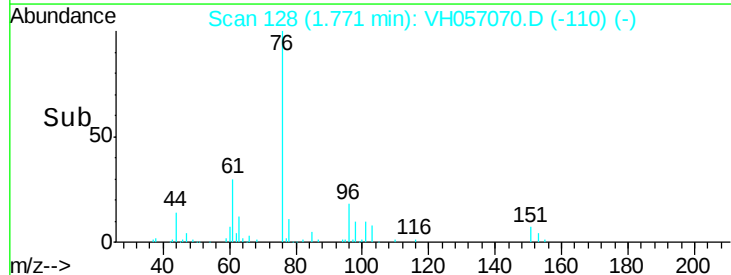
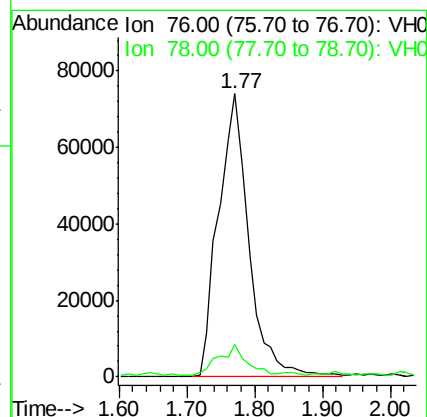
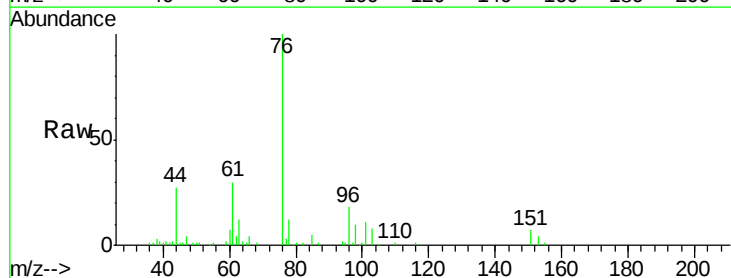
Instrument :  
MSVOA\_H  
ClientSampleId :  
VSTDIC010

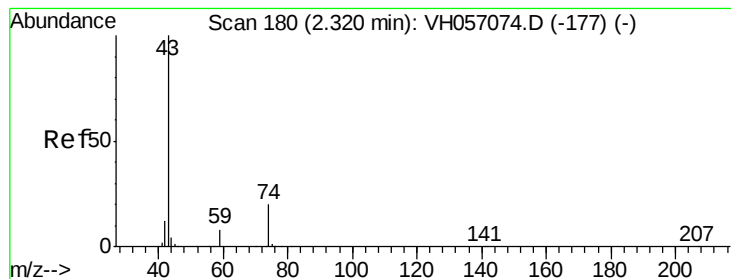
Tgt Ion: 43 Resp: 357582  
Ion Ratio Lower Upper  
43 100  
58 20.7 17.7 26.5



#18  
Carbon Disulfide  
Concen: 10.14 ug/l  
RT: 1.77 min Scan# 128  
Delta R.T. -0.01 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

Tgt Ion: 76 Resp: 229170  
Ion Ratio Lower Upper  
76 100  
78 11.5 7.1 10.7#





#19

Methyl Acetate

Concen: 8.97 ug/l

RT: 2.32 min Scan# 180

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

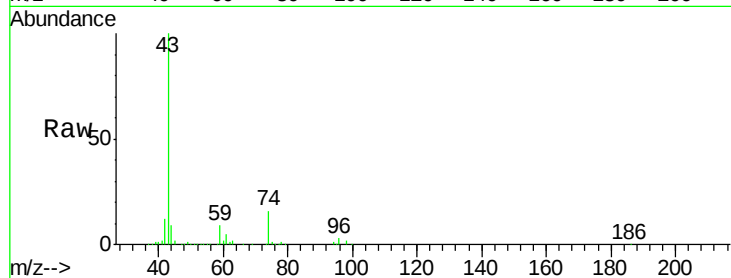
VSTDIC010

Tgt Ion: 43 Resp: 377460

Ion Ratio Lower Upper

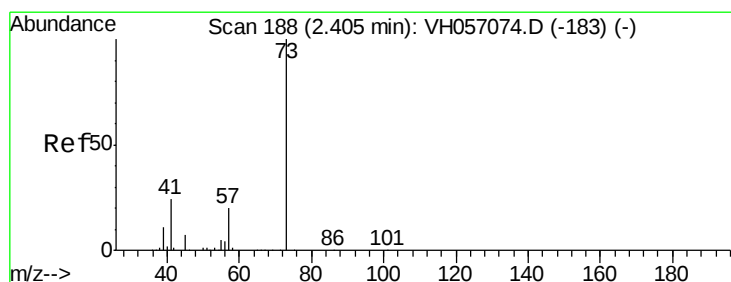
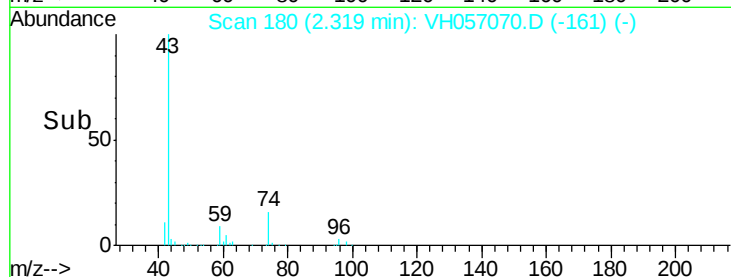
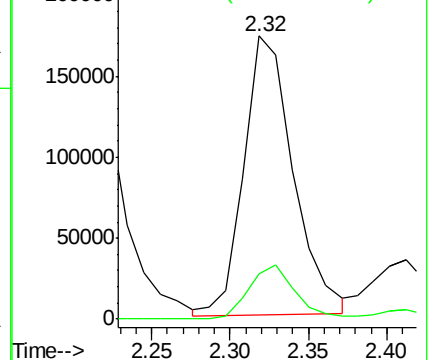
43 100

74 15.8 13.3 24.7



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 74.00 (73.70 to 74.70): VH0



#20

Methyl tert-butyl Ether

Concen: 10.18 ug/l

RT: 2.41 min Scan# 189

Delta R.T. 0.01 min

Lab File: VH057070.D

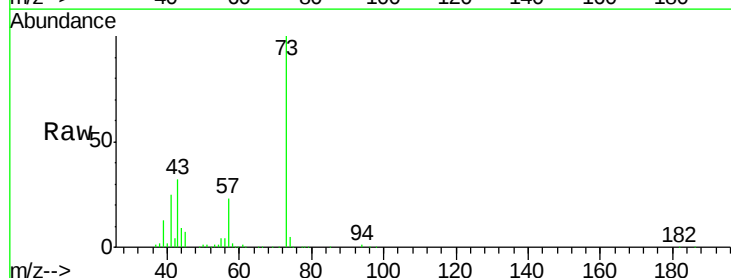
Acq: 17 Sep 2015 17:13

Tgt Ion: 73 Resp: 291873

Ion Ratio Lower Upper

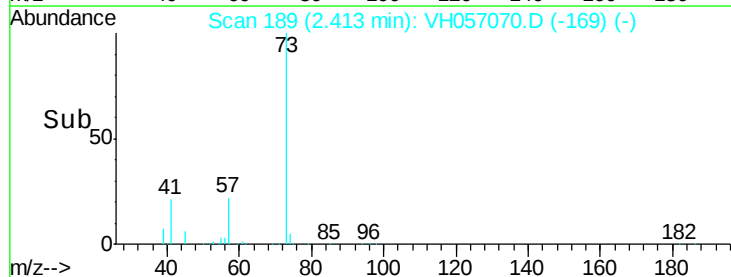
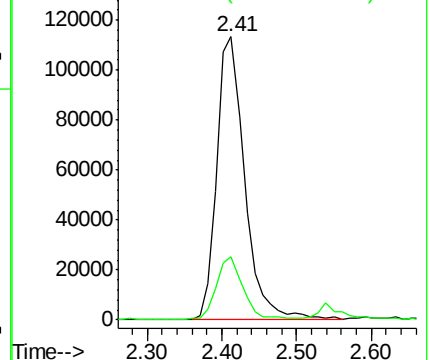
73 100

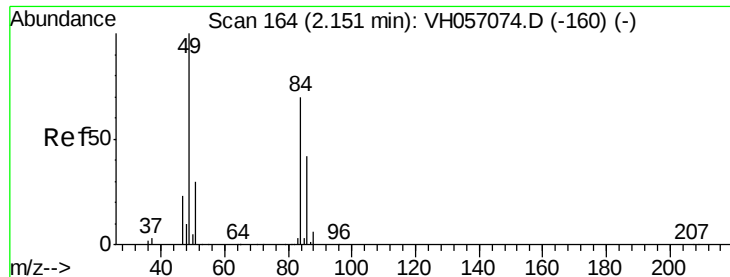
57 22.6 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VH0

Ion 57.00 (56.70 to 57.70): VH0

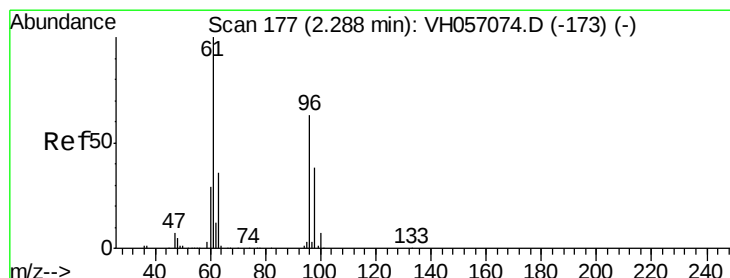
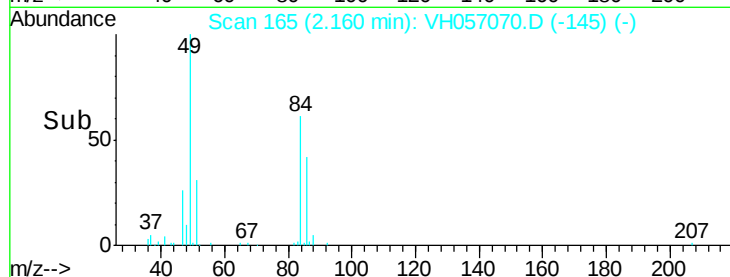
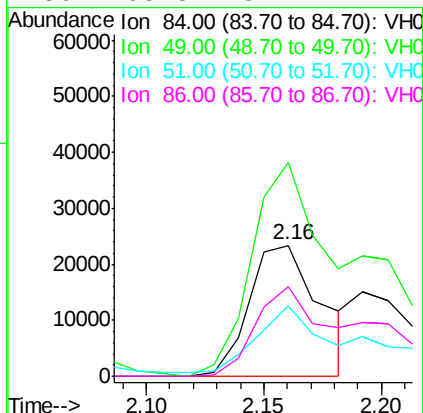
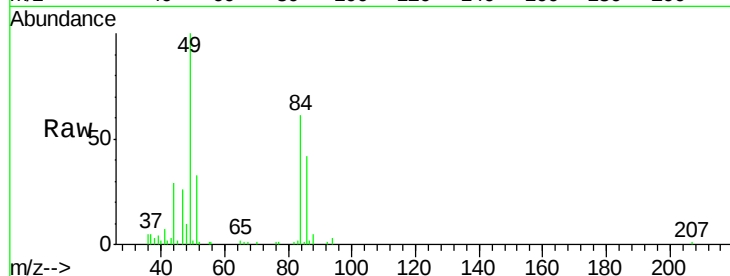




#21  
Methylene Chloride  
Concen: 5.94 ug/l  
RT: 2.16 min Scan# 165  
Delta R.T. 0.01 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

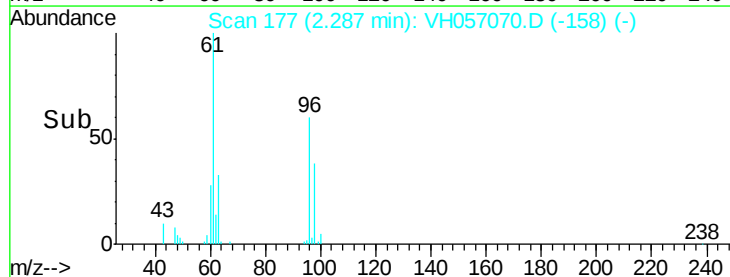
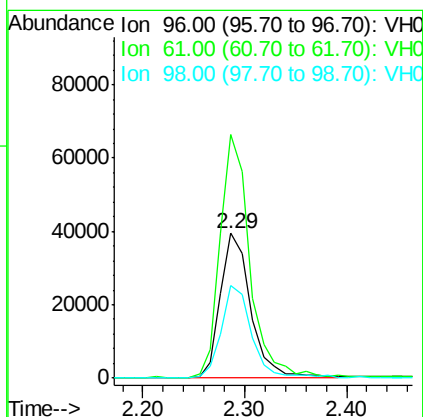
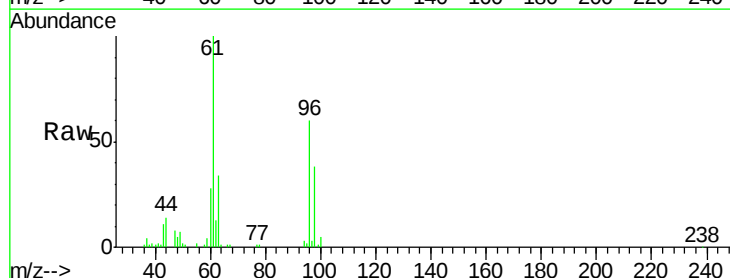
Instrument :  
MSVOA\_H  
ClientSampleId :  
VSTDIC010

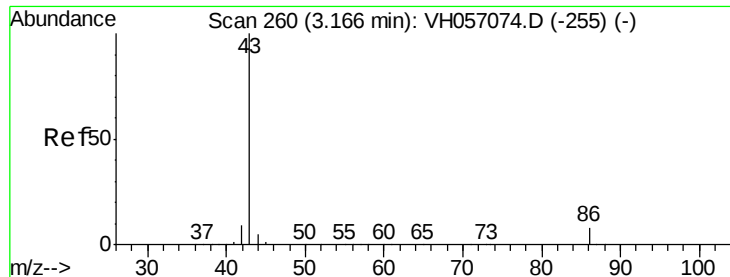
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 49774 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 163.3 | 132.8 | 199.2 |
| 51       | 53.6  | 39.5  | 59.3  |
| 86       | 68.8  | 51.4  | 77.2  |



#22  
trans-1,2-Dichloroethene  
Concen: 10.07 ug/l  
RT: 2.29 min Scan# 177  
Delta R.T. -0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 81657 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 168.0 | 131.7 | 197.5 |
| 98       | 63.5  | 49.5  | 74.3  |





#23

Vinyl Acetate

Concen: 50.96 ug/l

RT: 3.17 min Scan# 261

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

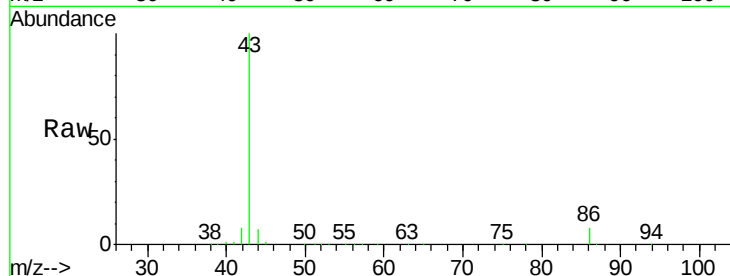
VSTDIC010

Tgt Ion: 43 Resp: 839284

Ion Ratio Lower Upper

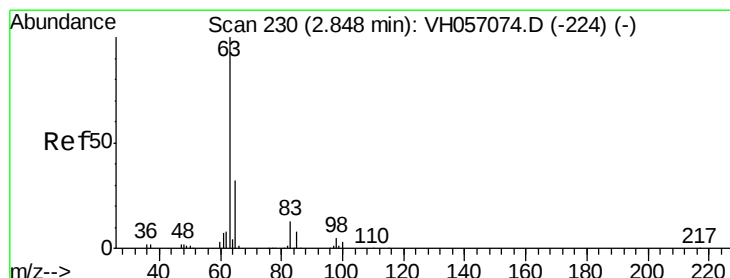
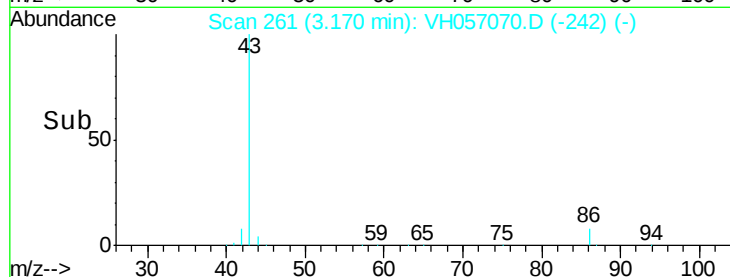
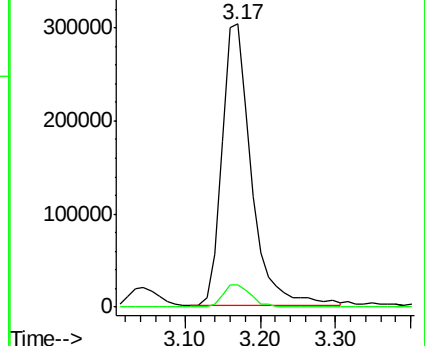
43 100

86 7.9 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: 10.07 ug/l

RT: 2.84 min Scan# 230

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

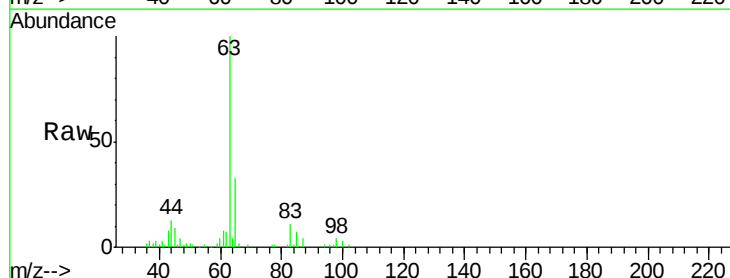
Tgt Ion: 63 Resp: 177463

Ion Ratio Lower Upper

63 100

98 4.3 2.6 7.8

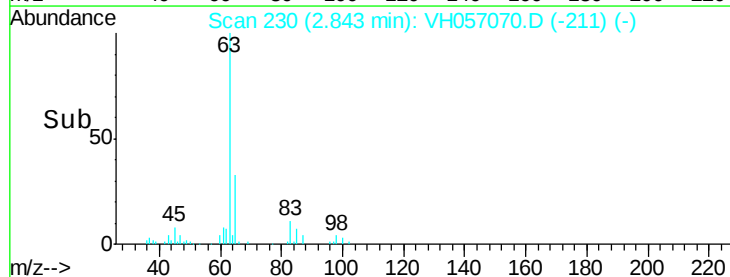
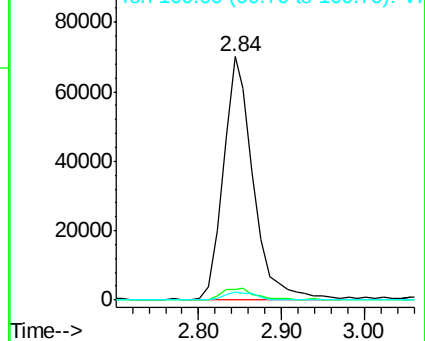
100 3.3 1.7 5.0

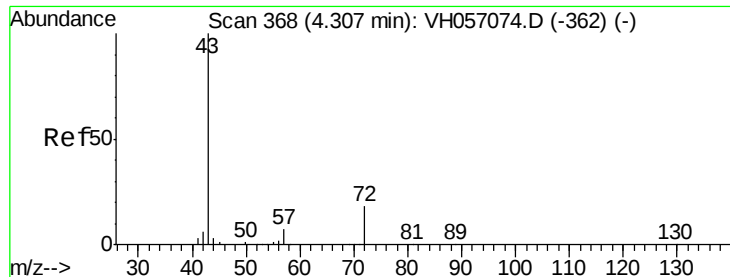


Abundance Ion 63.00 (62.70 to 63.70): VH0

Ion 98.00 (97.70 to 98.70): VH0

Ion 100.00 (99.70 to 100.70): VH0





#25

2-Butanone

Concen: 49.28 ug/l

RT: 4.30 min Scan# 369

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

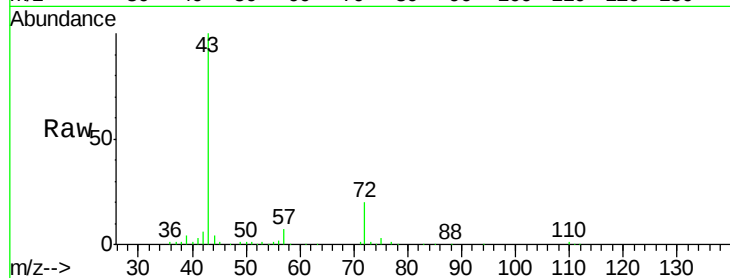
VSTDIC010

Tgt Ion: 43 Resp: 641794

Ion Ratio Lower Upper

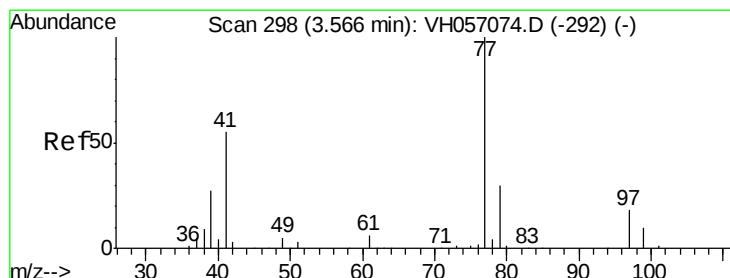
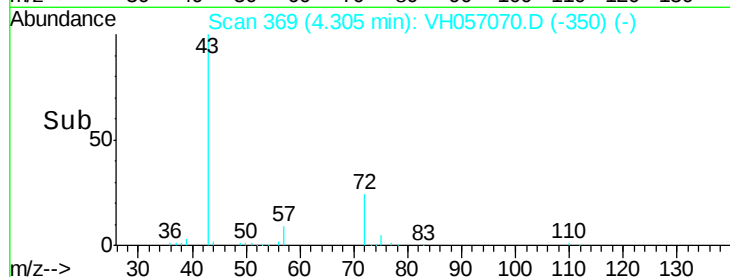
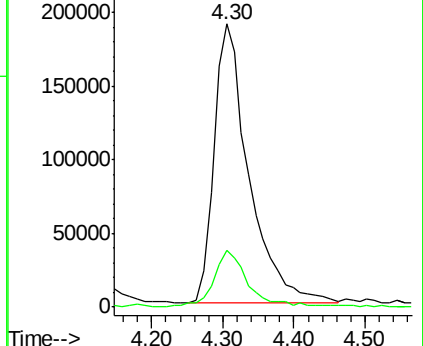
43 100

72 19.9 0.0 39.2



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 72.00 (71.70 to 72.70): VH0



#26

2,2-Dichloropropane

Concen: 11.52 ug/l

RT: 3.57 min Scan# 299

Delta R.T. 0.00 min

Lab File: VH057070.D

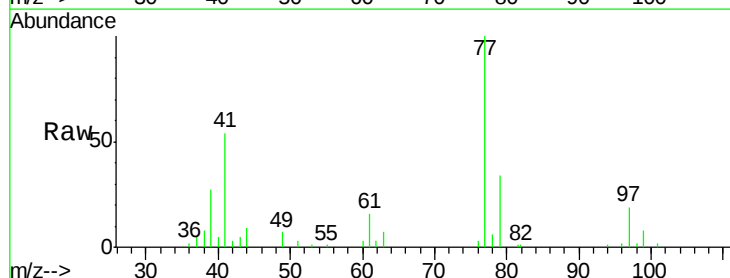
Acq: 17 Sep 2015 17:13

Tgt Ion: 77 Resp: 111575

Ion Ratio Lower Upper

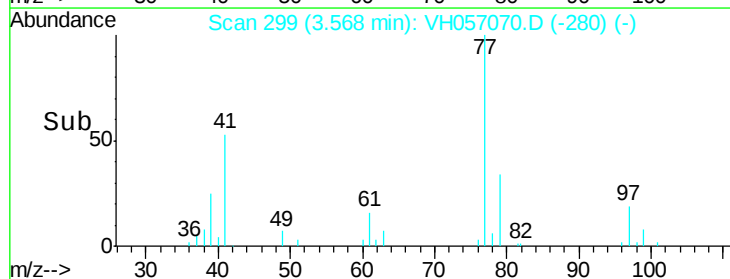
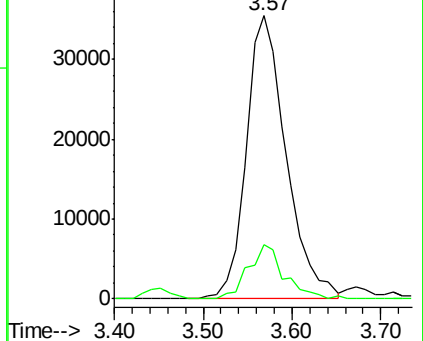
77 100

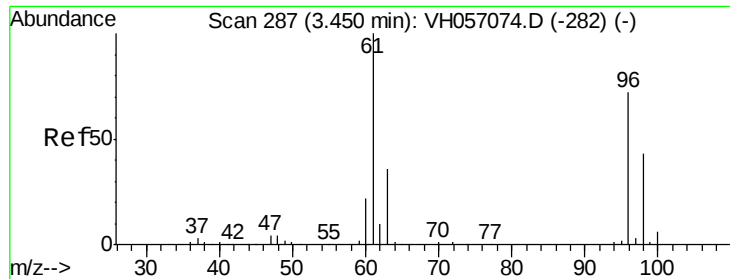
97 19.0 8.8 26.4



Abundance Ion 77.00 (76.70 to 77.70): VH0

Ion 97.00 (96.70 to 97.70): VH0



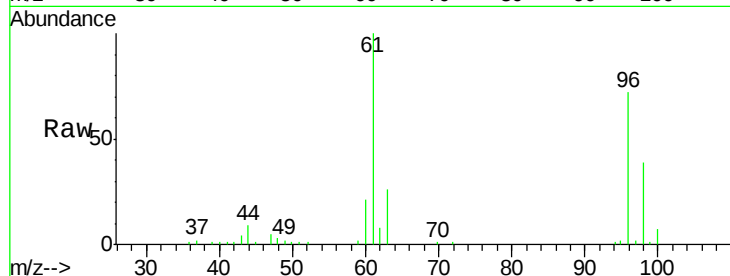


#27

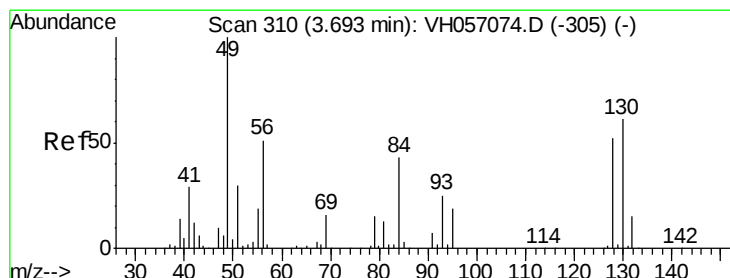
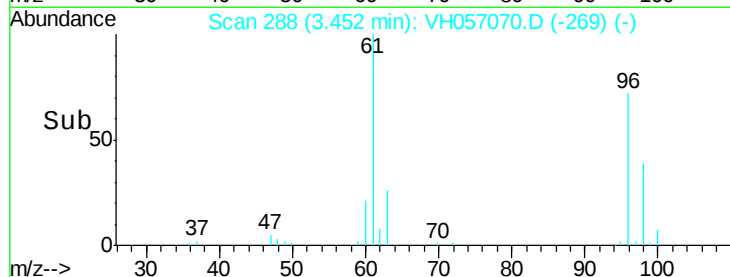
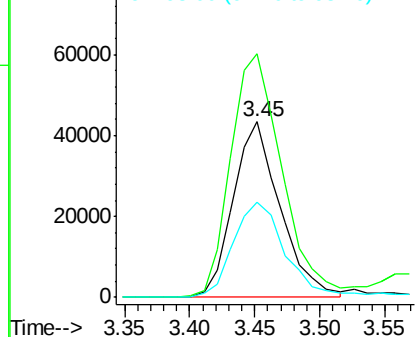
cis-1,2-Dichloroethene  
Concen: 10.64 ug/l  
RT: 3.45 min Scan# 288  
Delta R.T. 0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

Instrument :  
MSVOA\_H  
ClientSampleId :  
VSTDIC010

Tgt Ion: 96 Resp: 108812  
Ion Ratio Lower Upper  
96 100  
61 138.9 115.4 173.0  
98 54.2 49.7 74.5



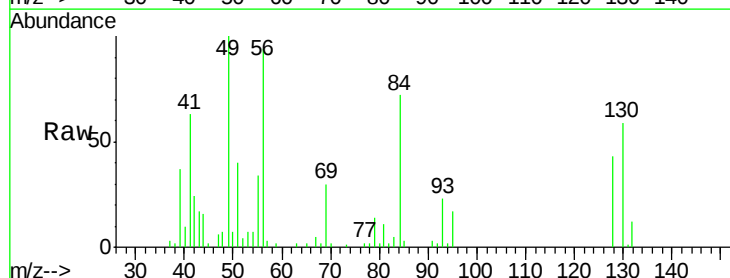
Abundance Ion 96.00 (95.70 to 96.70): VH0  
Ion 61.00 (60.70 to 61.70): VH0  
Ion 98.00 (97.70 to 98.70): VH0



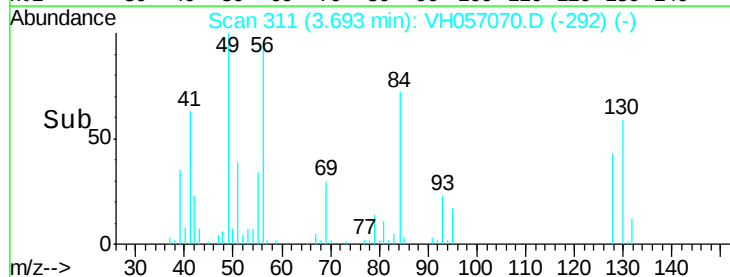
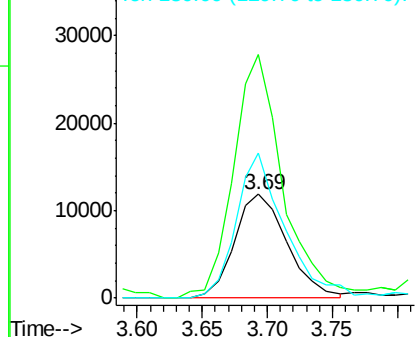
#28

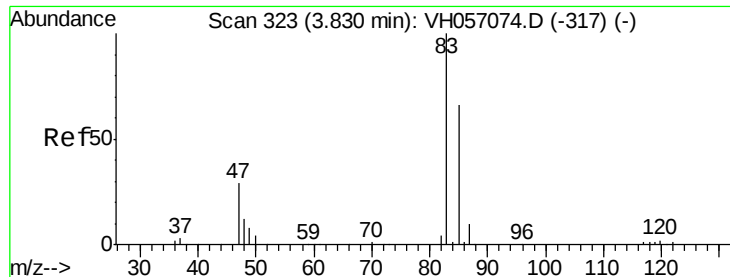
Bromochloromethane  
Concen: 8.80 ug/l  
RT: 3.69 min Scan# 311  
Delta R.T. 0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

Tgt Ion: 128 Resp: 33566  
Ion Ratio Lower Upper  
128 100  
49 234.6 0.0 441.4  
130 139.3 100.7 151.1



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: 11.21 ug/l

RT: 3.84 min Scan# 325

Delta R.T. 0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

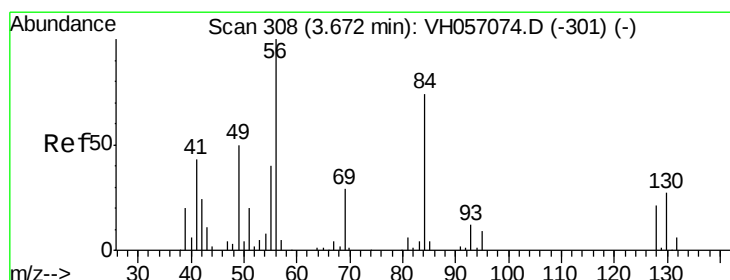
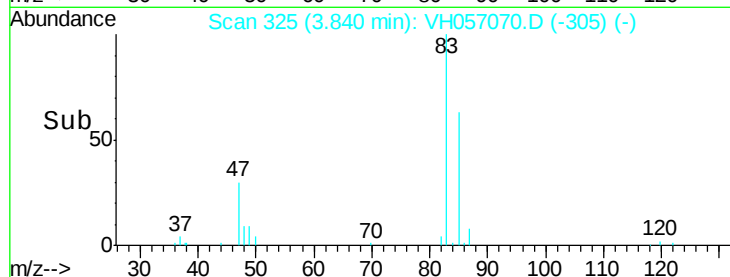
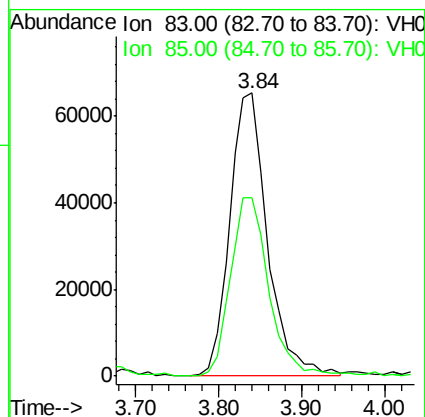
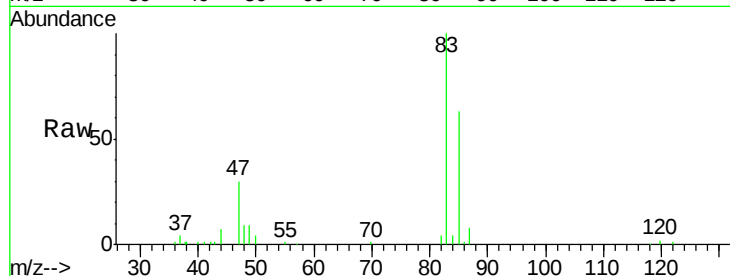
VSTDIC010

Tgt Ion: 83 Resp: 207126

Ion Ratio Lower Upper

83 100

85 62.9 54.3 81.5



#30

Cyclohexane

Concen: 10.83 ug/l

RT: 3.67 min Scan# 309

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

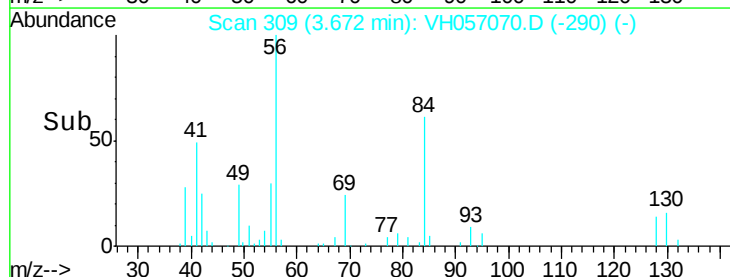
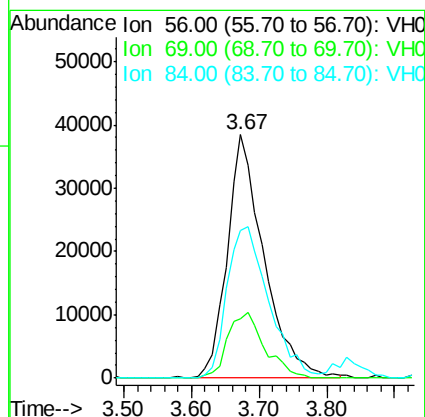
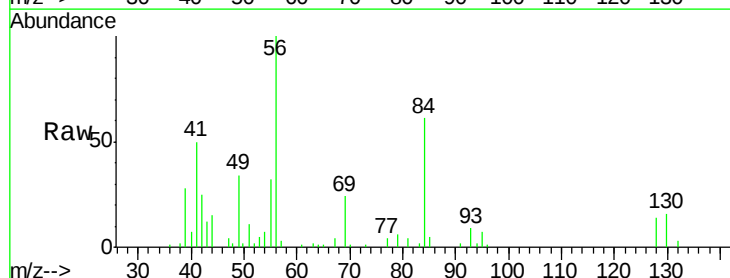
Tgt Ion: 56 Resp: 145728

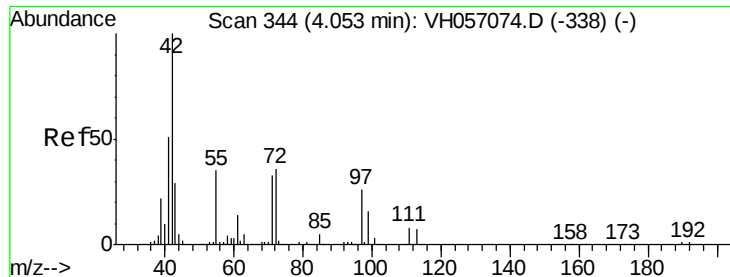
Ion Ratio Lower Upper

56 100

69 24.4 18.1 33.7

84 60.8 0.0 136.8

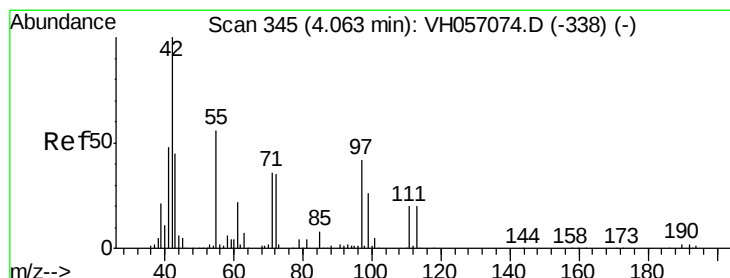
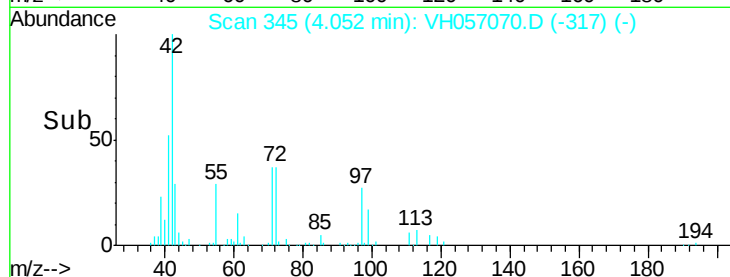
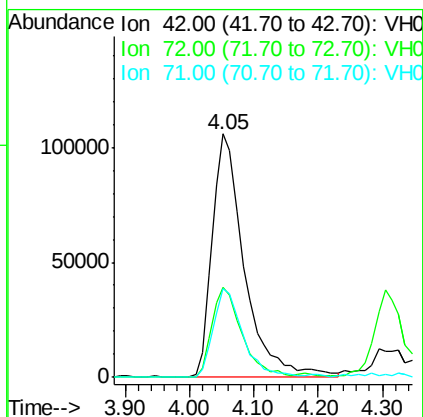
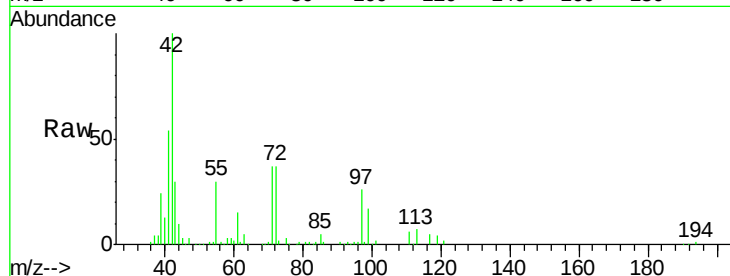




#31  
Tetrahydrofuran  
Concen: 47.83 ug/l  
RT: 4.05 min Scan# 345  
Delta R.T. -0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

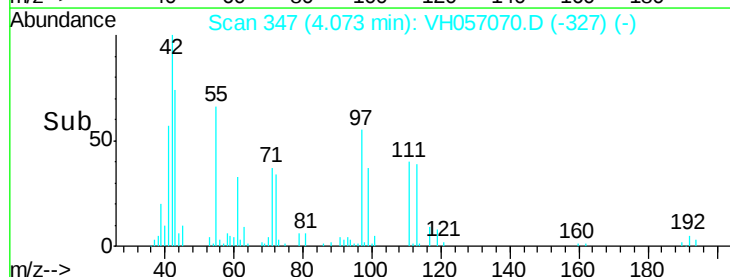
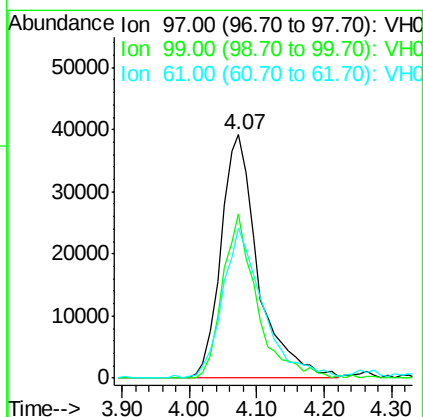
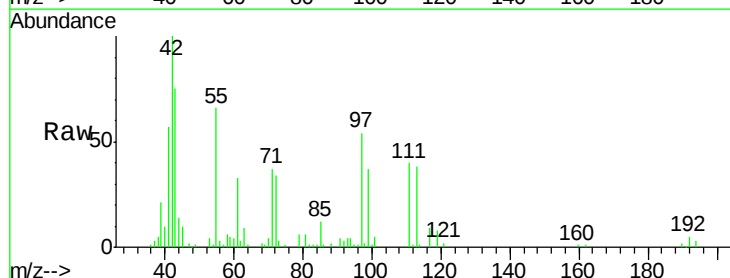
Instrument :  
MSVOA\_H  
ClientSampled :  
VSTDIC010

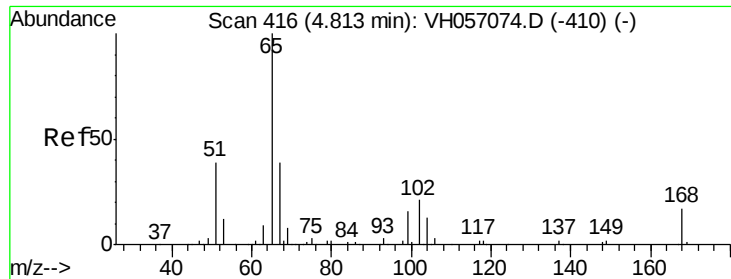
Tgt Ion: 42 Resp: 362003  
Ion Ratio Lower Upper  
42 100  
72 34.9 25.5 38.3  
71 34.2 25.4 38.0



#32  
1,1,1-Trichloroethane  
Concen: 11.61 ug/l  
RT: 4.07 min Scan# 347  
Delta R.T. 0.01 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

Tgt Ion: 97 Resp: 149042  
Ion Ratio Lower Upper  
97 100  
99 67.4 49.8 74.6  
61 61.6 45.0 67.4





#33

1,2-Dichloroethane-d4

Concen: 11.01 ug/l

RT: 4.81 min Scan# 417

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

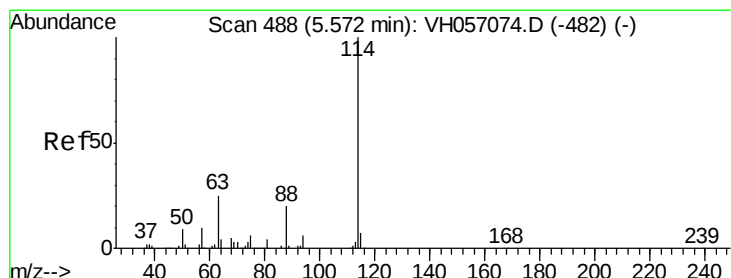
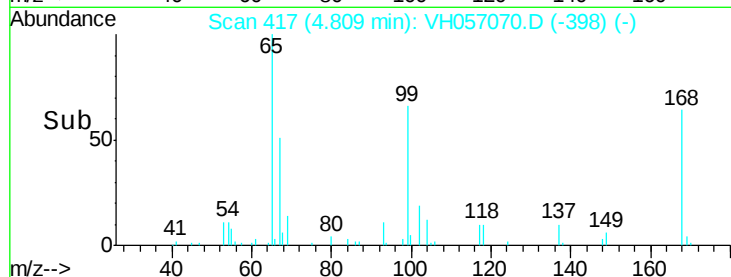
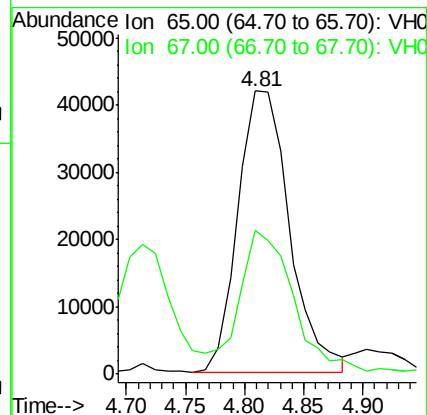
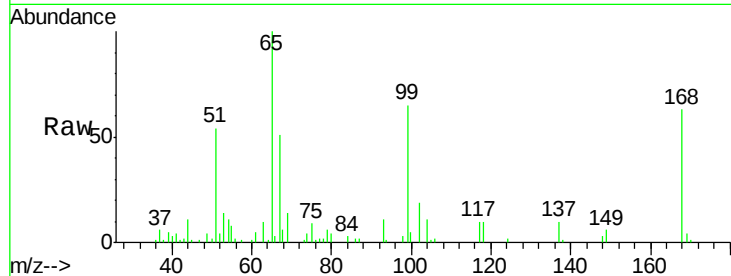
VSTDIC010

Tgt Ion: 65 Resp: 125712

Ion Ratio Lower Upper

65 100

67 51.0 43.2 64.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.58 min Scan# 490

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

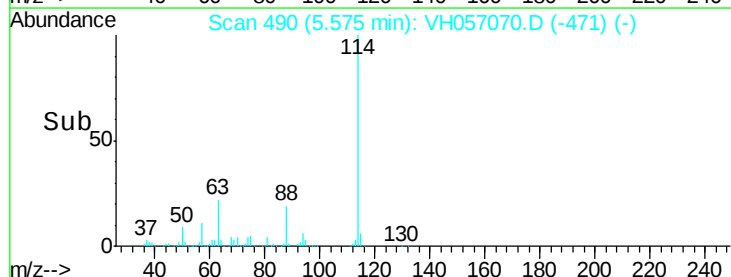
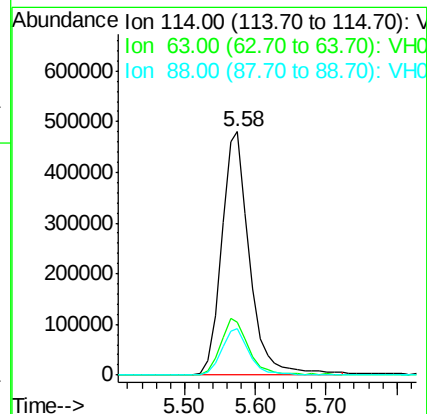
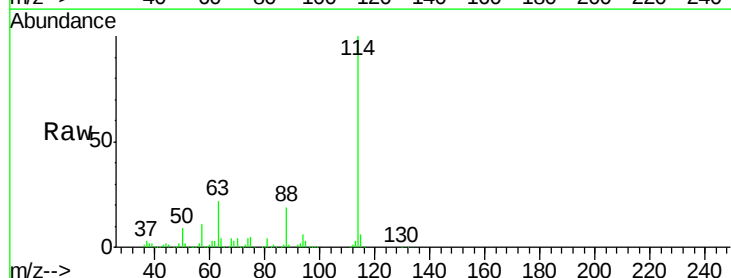
Tgt Ion: 114 Resp: 1324589

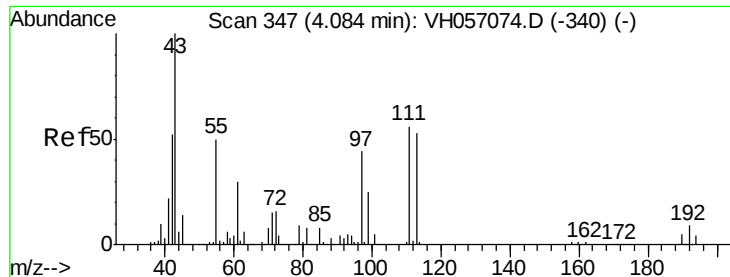
Ion Ratio Lower Upper

114 100

63 21.6 19.0 28.4

88 19.0 15.7 23.5





#35

Dibromofluoromethane

Concen: 10.63 ug/l

RT: 4.08 min Scan# 348

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

VSTDIC010

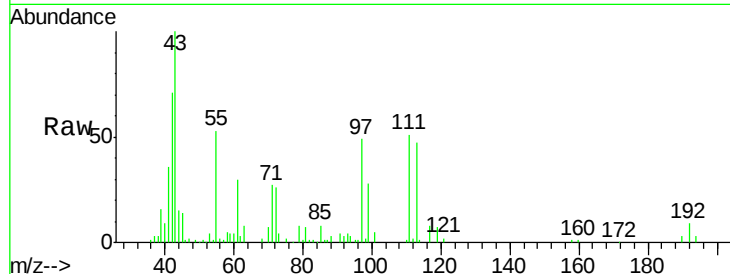
Tgt Ion: 113 Resp: 101915

Ion Ratio Lower Upper

113 100

111 107.9 84.0 126.0

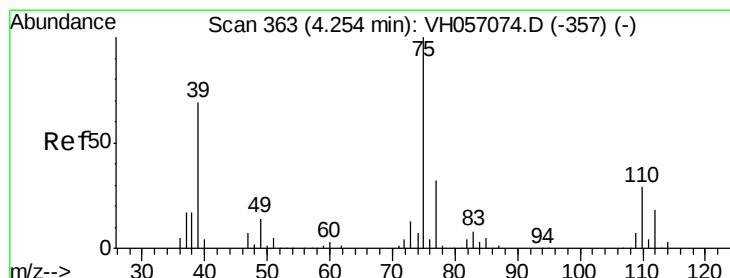
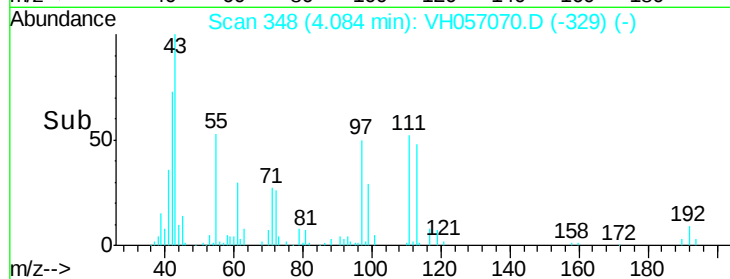
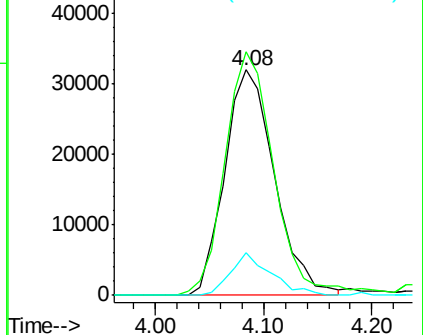
192 19.0 13.6 20.4



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: 11.68 ug/l

RT: 4.26 min Scan# 365

Delta R.T. 0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

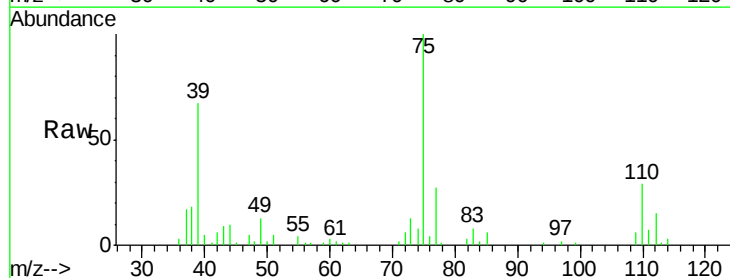
Tgt Ion: 75 Resp: 158636

Ion Ratio Lower Upper

75 100

110 29.0 13.7 41.1

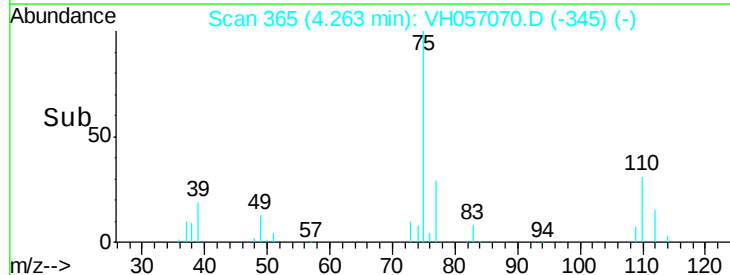
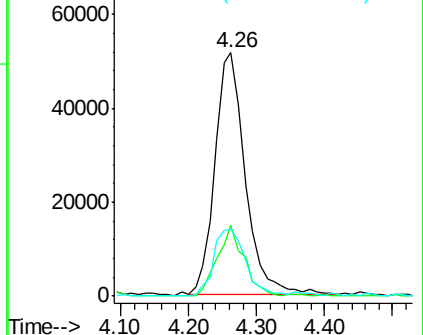
77 27.5 24.0 36.0

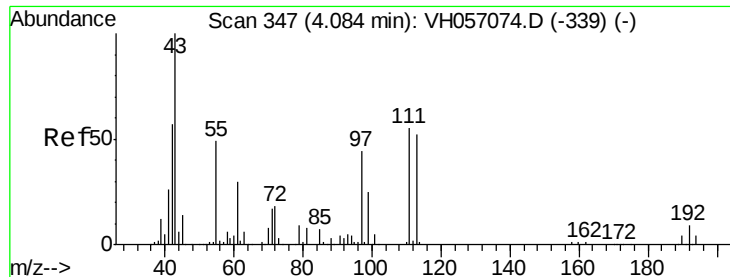


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): V

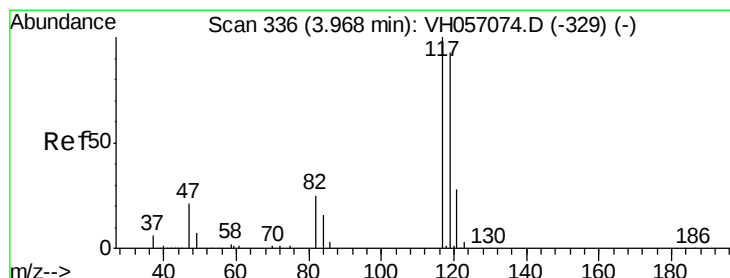
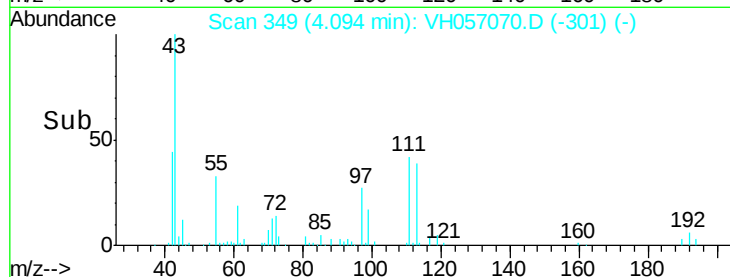
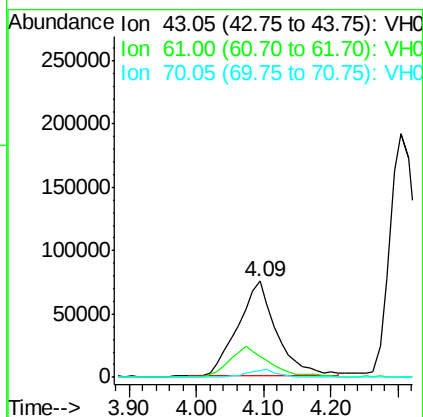
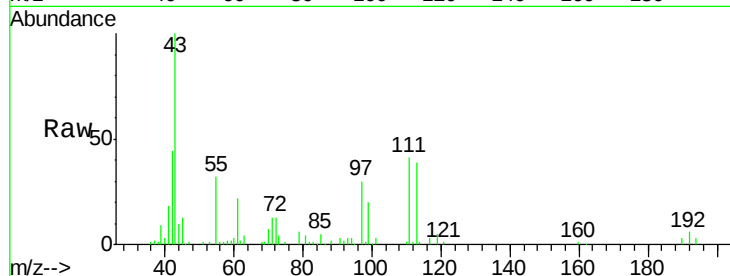




#37  
Ethyl acetate  
Concen: 10.61 ug/l  
RT: 4.09 min Scan# 349  
Delta R.T. 0.01 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

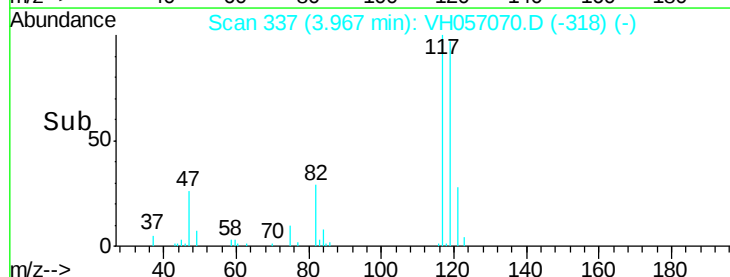
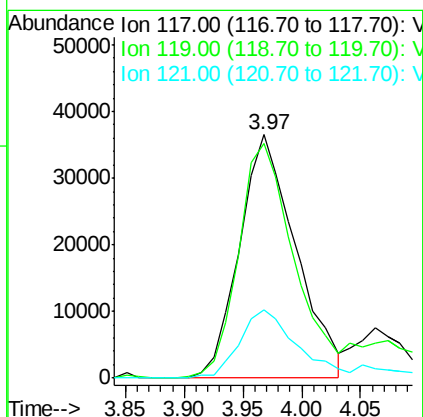
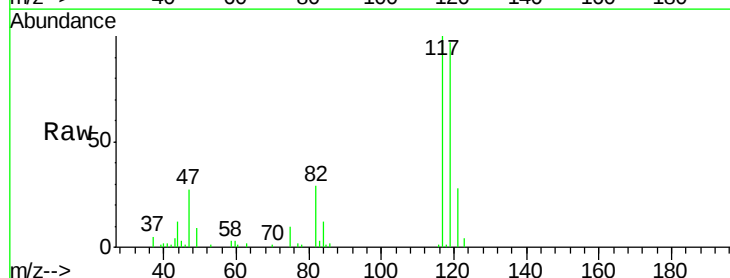
Instrument :  
MSVOA\_H  
ClientSampleId :  
VSTDIC010

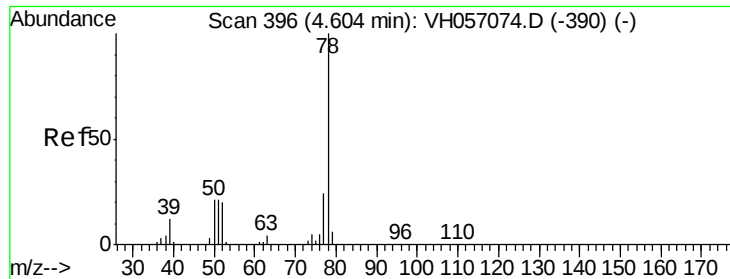
Tgt Ion: 43 Resp: 301364  
Ion Ratio Lower Upper  
43 100  
61 0.0 23.9 35.9#  
70 6.5 5.4 8.0



#38  
Carbon Tetrachloride  
Concen: 11.37 ug/l  
RT: 3.97 min Scan# 337  
Delta R.T. -0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

Tgt Ion: 117 Resp: 121729  
Ion Ratio Lower Upper  
117 100  
119 96.5 78.7 118.1  
121 28.0 25.9 38.9





#39

Benzene

Concen: 10.96 ug/l

RT: 4.61 min Scan# 398

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

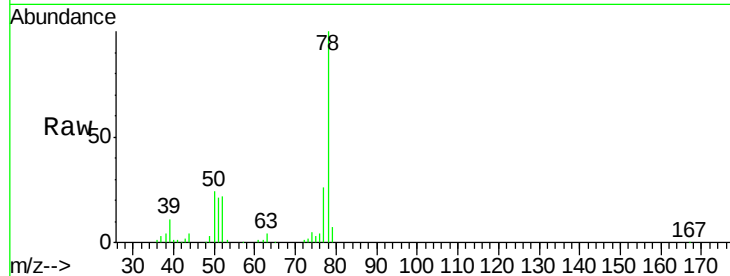
VSTDIC010

Tgt Ion: 78 Resp: 374163

Ion Ratio Lower Upper

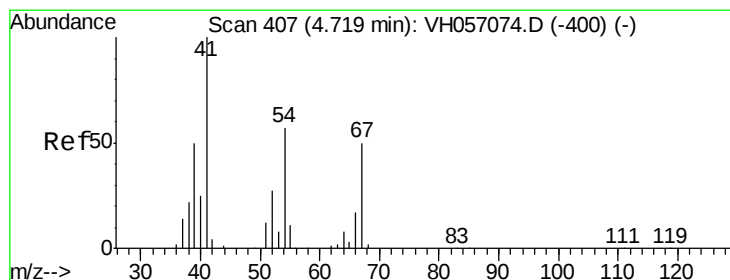
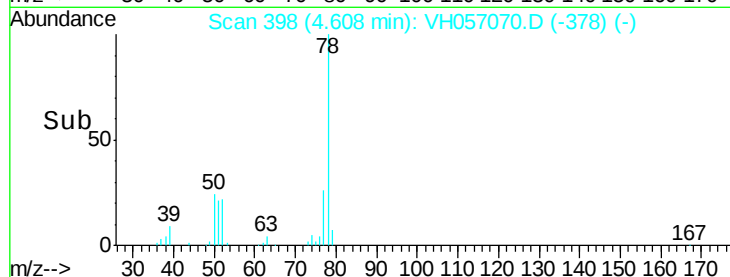
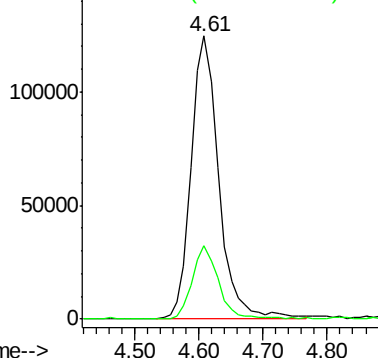
78 100

77 25.8 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: 9.85 ug/l

RT: 4.71 min Scan# 408

Delta R.T. -0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Tgt Ion: 41 Resp: 129840

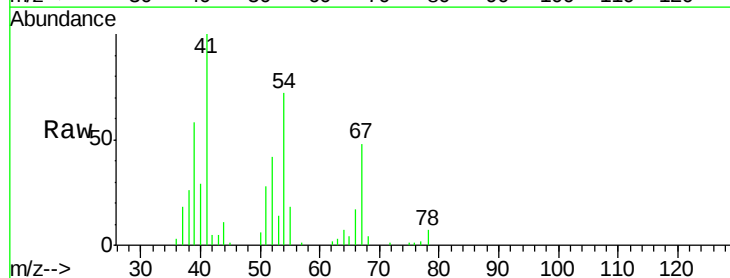
Ion Ratio Lower Upper

41 100

39 58.3 25.1 75.2

67 47.9 22.5 67.5

52 41.8 19.0 57.0

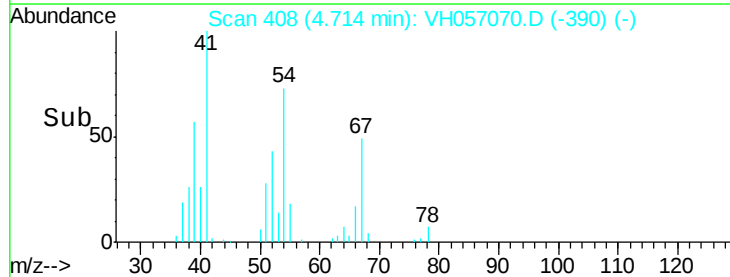
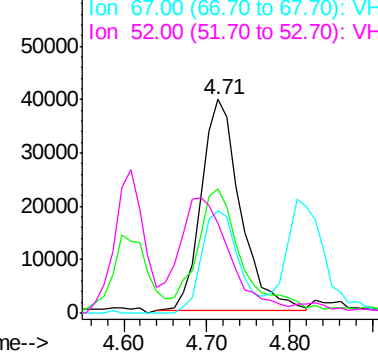


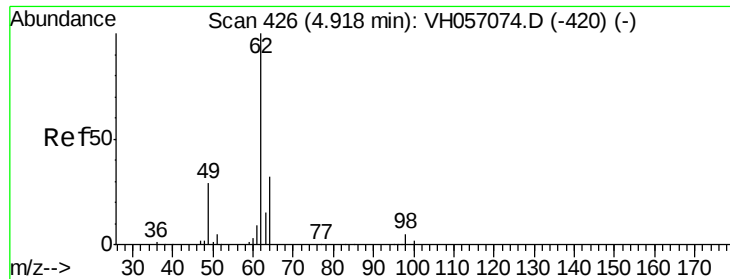
Abundance Ion 41.00 (40.70 to 41.70): VH0

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

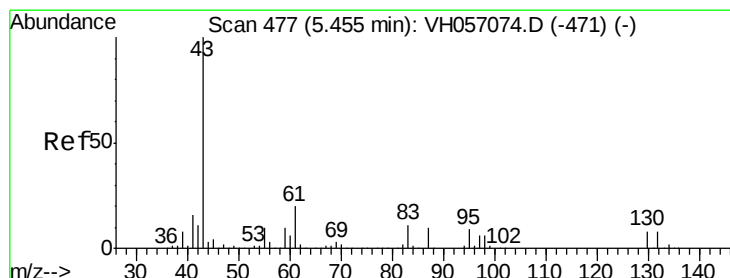
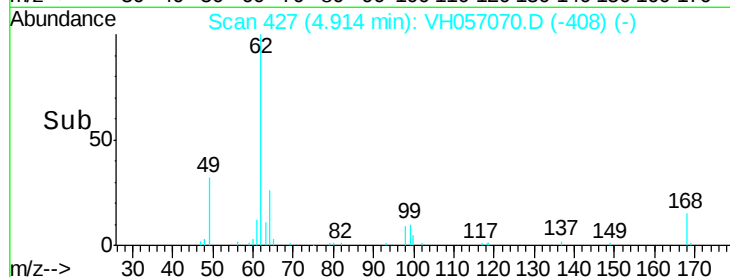
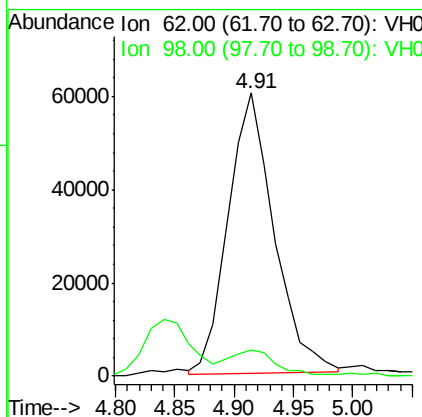
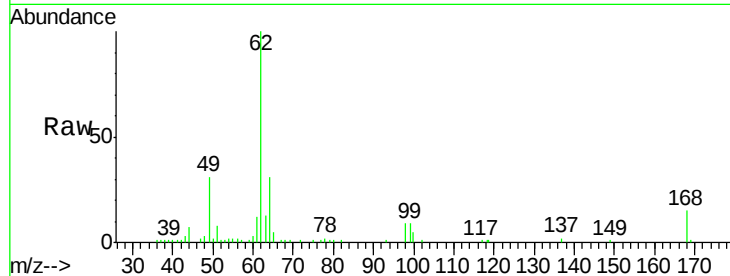




#41  
 1,2-Dichloroethane  
 Concen: 11.01 ug/l  
 RT: 4.91 min Scan# 427  
 Delta R.T. -0.00 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

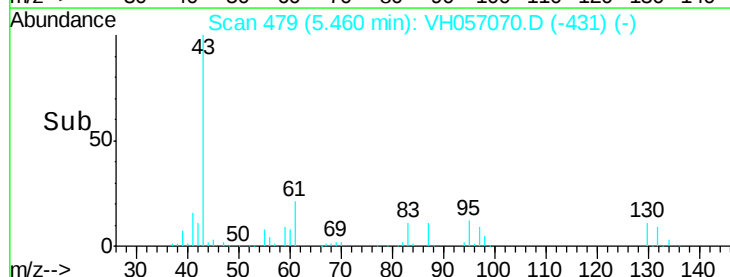
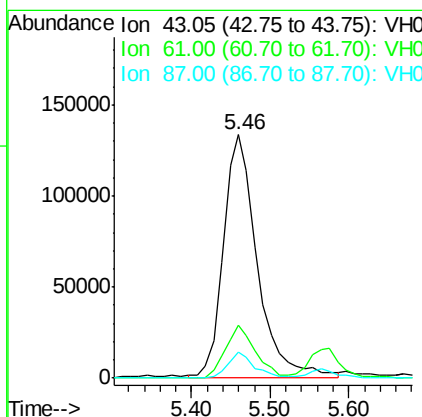
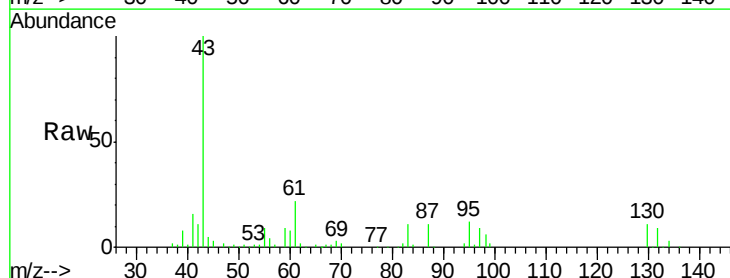
Instrument :  
 MSVOA\_H  
 ClientSampleId :  
 VSTDIC010

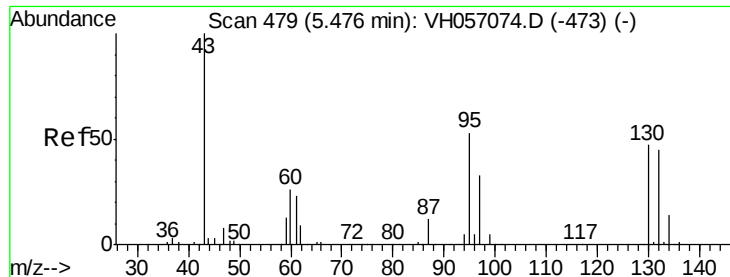
Tgt Ion: 62 Resp: 161091  
 Ion Ratio Lower Upper  
 62 100  
 98 9.2 7.3 10.9



#42  
 Isopropyl Acetate  
 Concen: 10.91 ug/l  
 RT: 5.46 min Scan# 479  
 Delta R.T. 0.00 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

Tgt Ion: 43 Resp: 400660  
 Ion Ratio Lower Upper  
 43 100  
 61 21.5 15.8 23.6  
 87 10.7 7.0 10.6#





#43

Trichloroethene

Concen: 11.05 ug/l

RT: 5.48 min Scan# 481

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

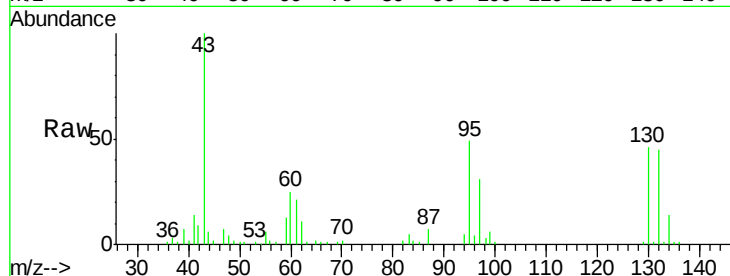
VSTDIC010

Tgt Ion:130 Resp: 93800

Ion Ratio Lower Upper

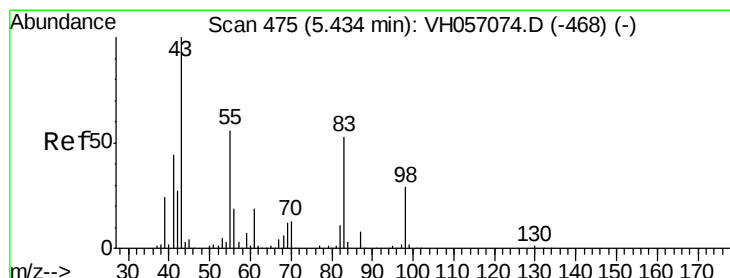
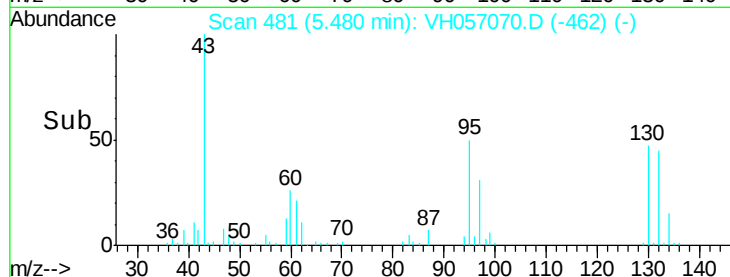
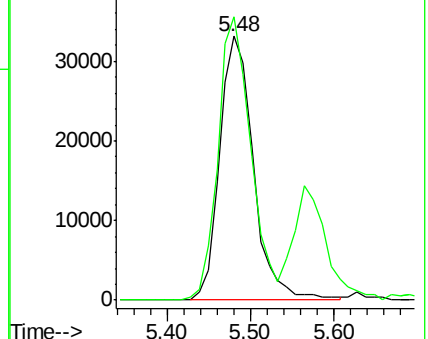
130 100

95 107.3 84.0 126.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VH



#44

Methylcyclohexane

Concen: 11.15 ug/l

RT: 5.43 min Scan# 476

Delta R.T. -0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

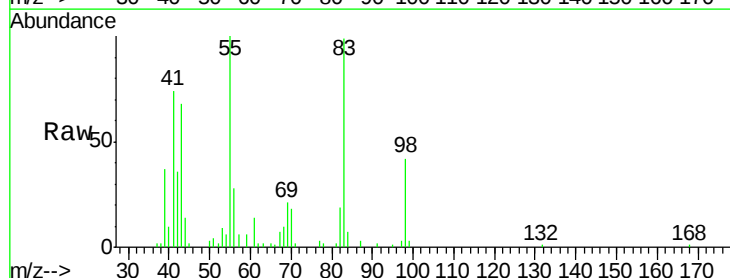
Tgt Ion: 83 Resp: 93739

Ion Ratio Lower Upper

83 100

55 101.4 0.0 207.2

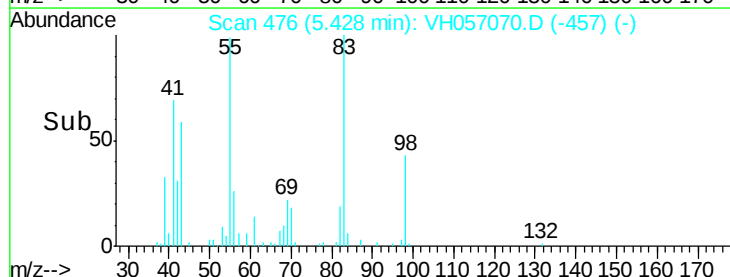
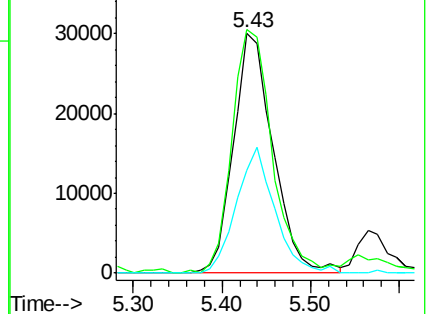
98 43.0 0.0 108.4

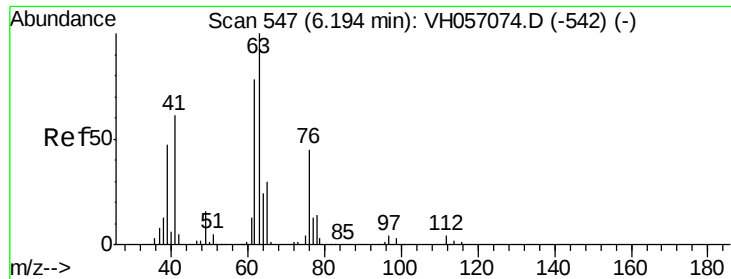


Abundance Ion 83.00 (82.70 to 83.70): VH

Ion 55.00 (54.70 to 55.70): VH

Ion 98.00 (97.70 to 98.70): VH





#45

1,2-Dichloropropane

Concen: 10.63 ug/l

RT: 6.21 min Scan# 550

Delta R.T. 0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

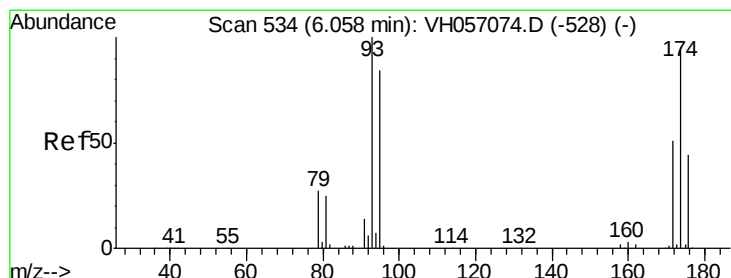
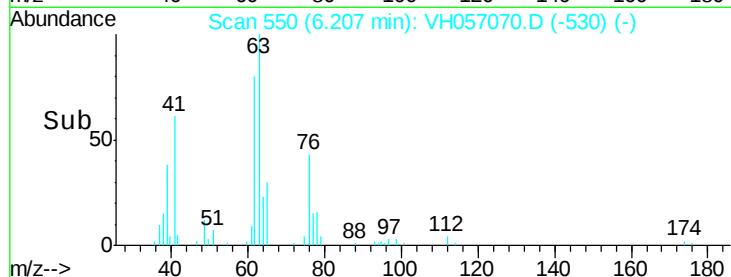
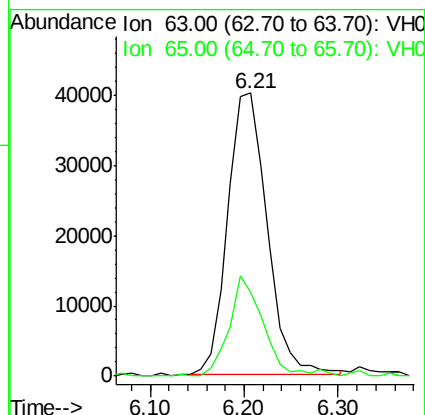
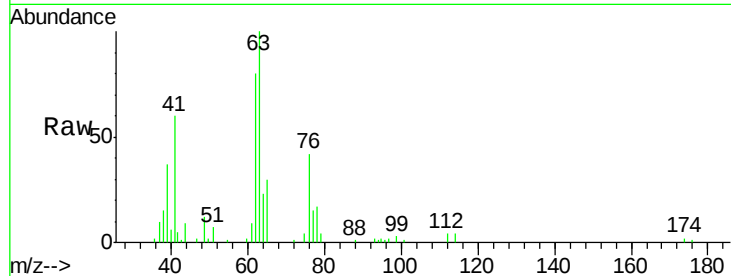
VSTDIC010

Tgt Ion: 63 Resp: 116715

Ion Ratio Lower Upper

63 100

65 29.7 23.8 35.8



#46

Dibromomethane

Concen: 10.75 ug/l

RT: 6.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

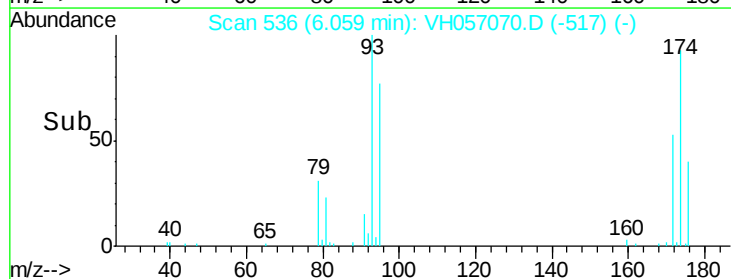
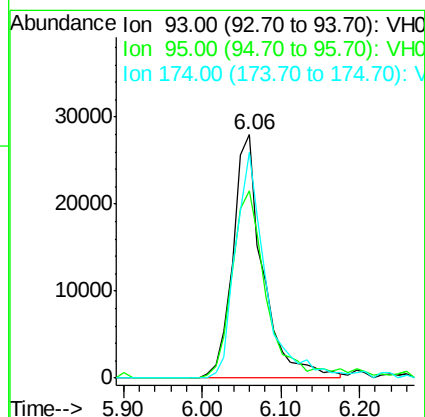
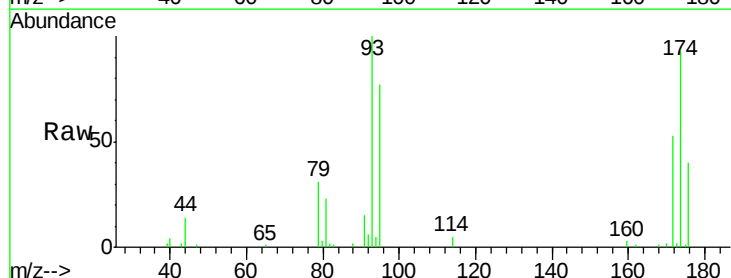
Tgt Ion: 93 Resp: 74122

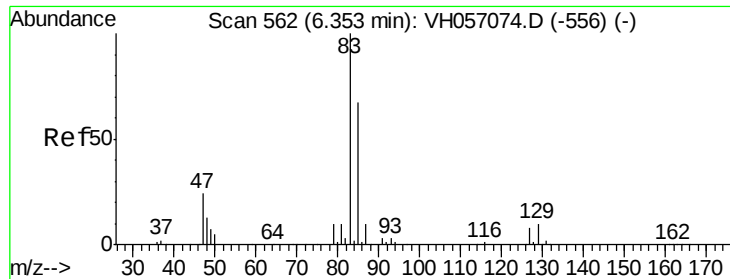
Ion Ratio Lower Upper

93 100

95 77.0 69.5 104.3

174 92.7 75.8 113.6





#47

Bromodichloromethane

Concen: 11.15 ug/l

RT: 6.35 min Scan# 564

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

VSTDIC010

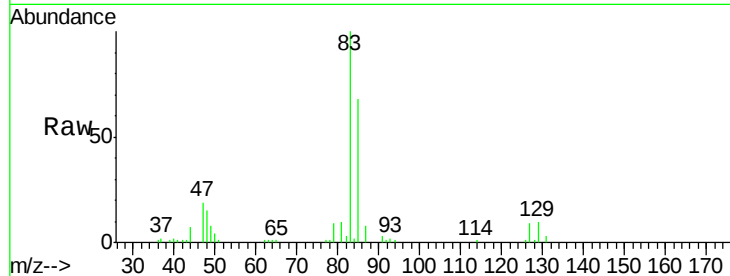
Tgt Ion: 83 Resp: 157001

Ion Ratio Lower Upper

83 100

85 67.6 52.6 78.8

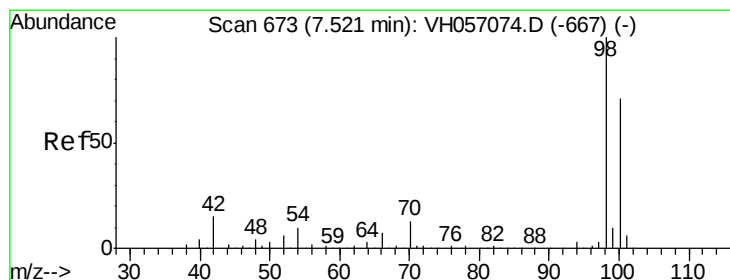
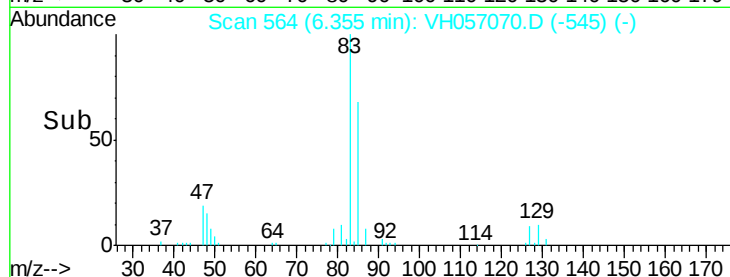
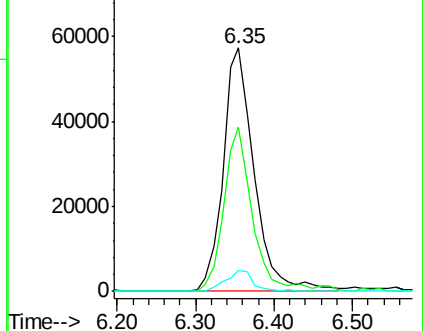
127 8.6 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VH057070.D (-556) (-)

Ion 85.00 (84.70 to 85.70): VH057070.D (-556) (-)

Ion 127.00 (126.70 to 127.70): VH057070.D (-556) (-)



#48

Toluene-d8

Concen: 11.36 ug/l

RT: 7.51 min Scan# 674

Delta R.T. -0.01 min

Lab File: VH057070.D

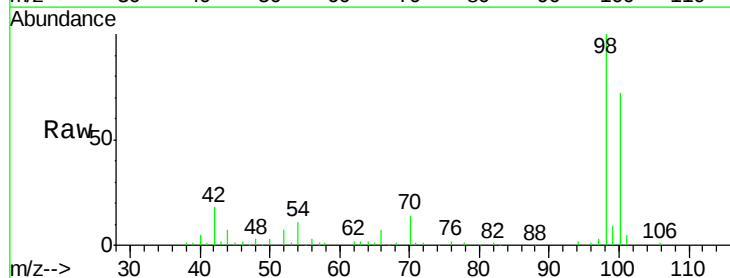
Acq: 17 Sep 2015 17:13

Tgt Ion: 98 Resp: 289052

Ion Ratio Lower Upper

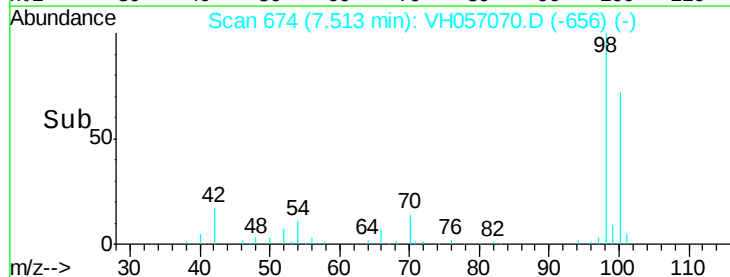
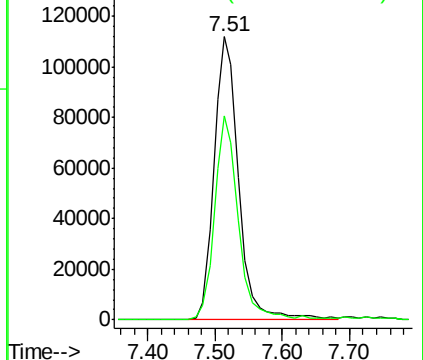
98 100

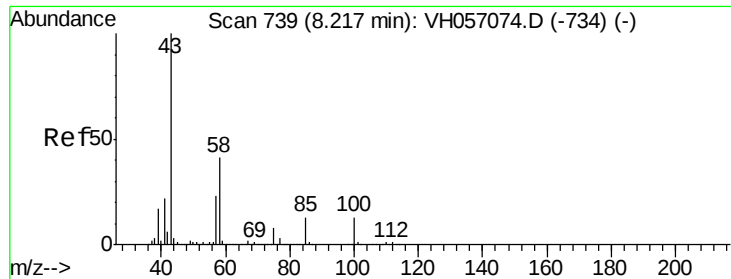
100 72.0 56.7 85.1



Abundance Ion 98.00 (97.70 to 98.70): VH057070.D (-667) (-)

Ion 100.00 (99.70 to 100.70): VH057070.D (-667) (-)





#49

4-Methyl-2-Pentanone

Concen: 53.08 ug/l

RT: 8.21 min Scan# 740

Delta R.T. -0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

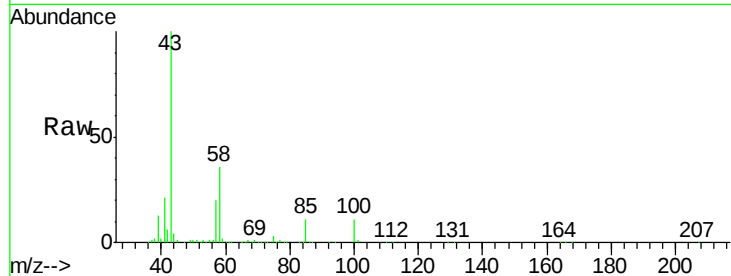
VSTDIC010

Tgt Ion: 43 Resp: 1195002

Ion Ratio Lower Upper

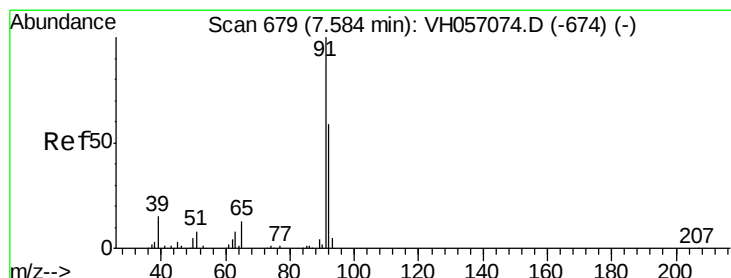
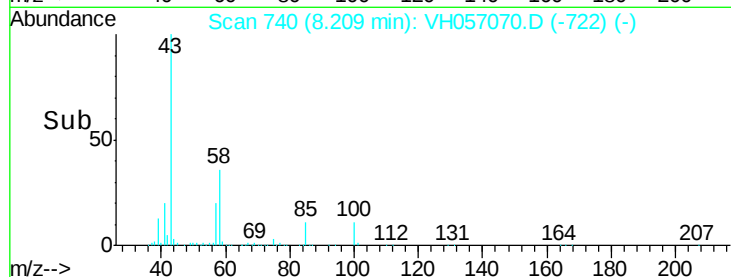
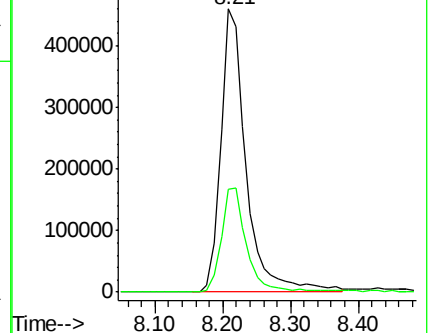
43 100

58 36.4 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: 10.94 ug/l

RT: 7.59 min Scan# 681

Delta R.T. 0.00 min

Lab File: VH057070.D

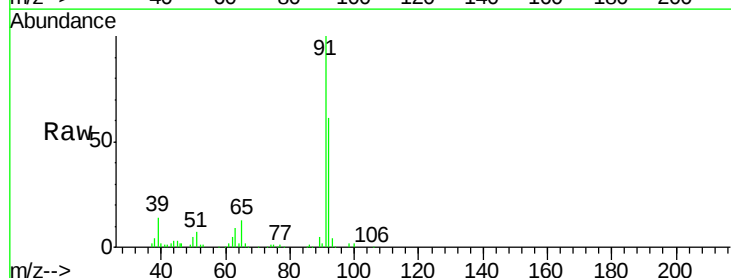
Acq: 17 Sep 2015 17:13

Tgt Ion: 92 Resp: 238775

Ion Ratio Lower Upper

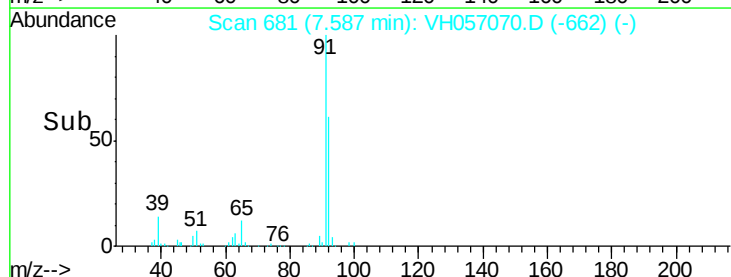
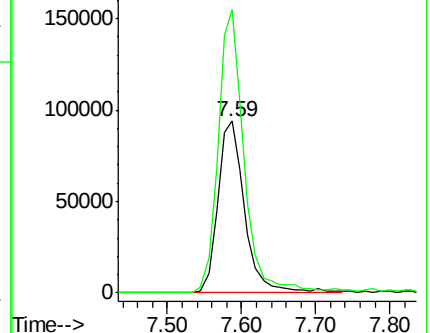
92 100

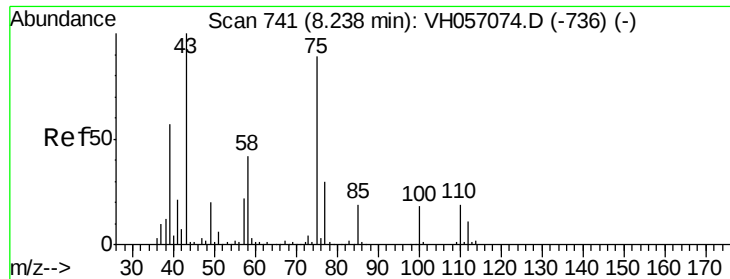
91 164.7 125.8 188.6



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: 10.61 ug/l

RT: 8.23 min Scan# 742

Delta R.T. -0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

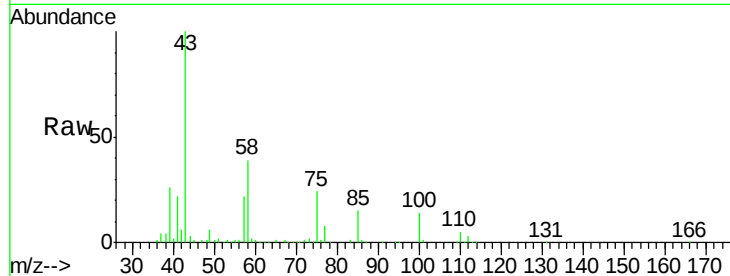
VSTDIC010

Tgt Ion: 75 Resp: 172100

Ion Ratio Lower Upper

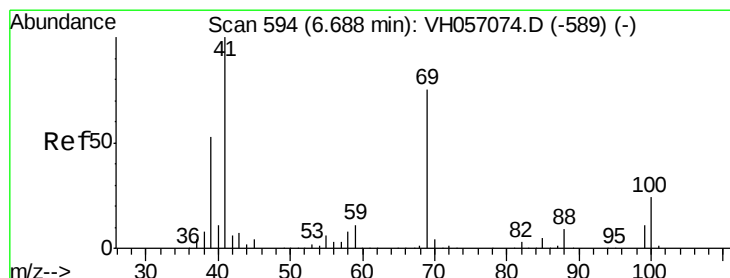
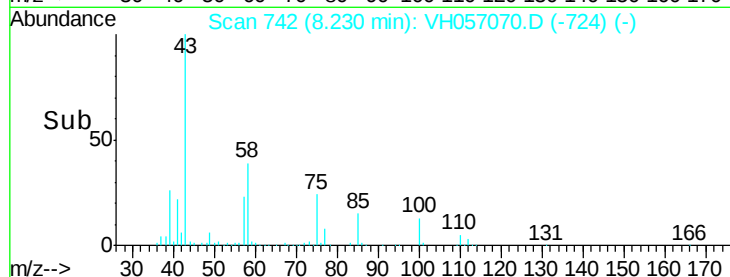
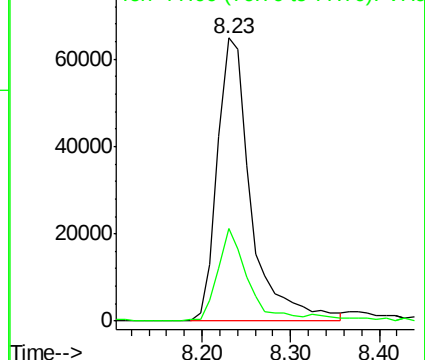
75 100

77 32.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VH0

Ion 77.00 (76.70 to 77.70): VH0



#52

Methyl Methacrylate

Concen: 10.10 ug/l

RT: 6.69 min Scan# 596

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

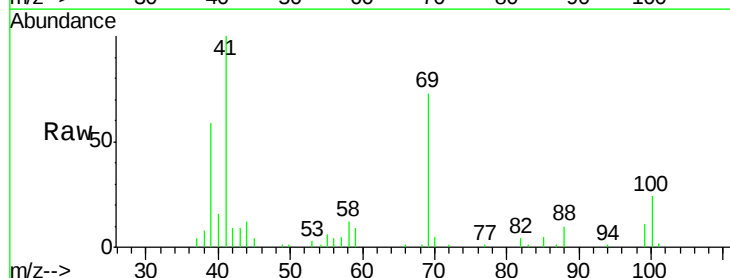
Tgt Ion: 69 Resp: 111762

Ion Ratio Lower Upper

69 100

41 137.4 70.0 209.8

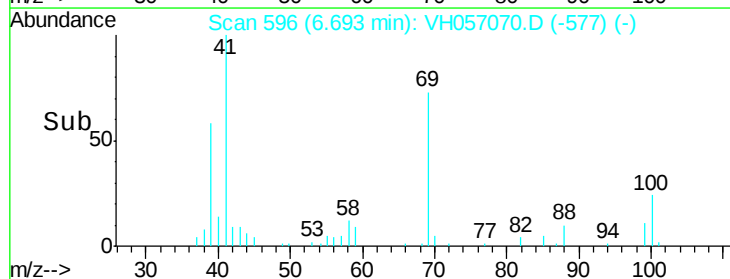
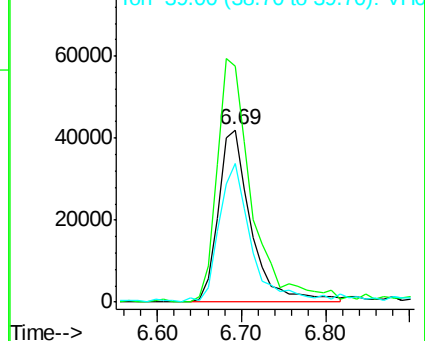
39 80.9 37.5 112.5

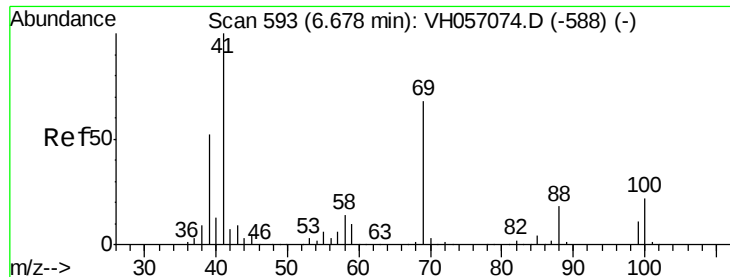


Abundance Ion 69.00 (68.70 to 69.70): VH0

Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

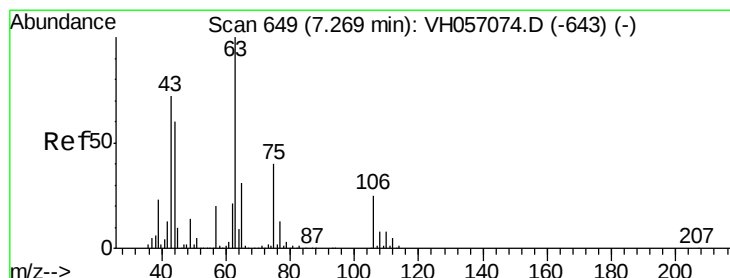
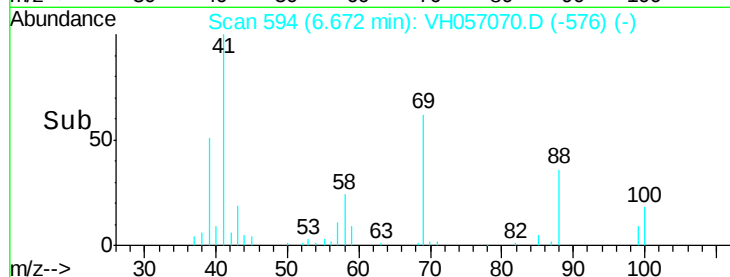
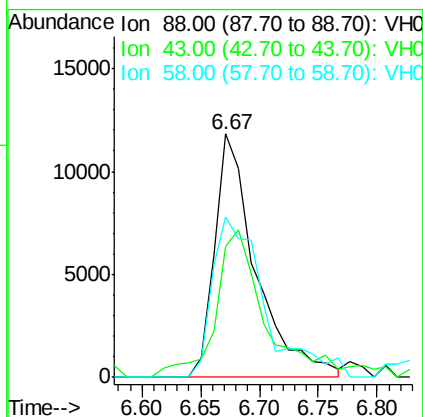
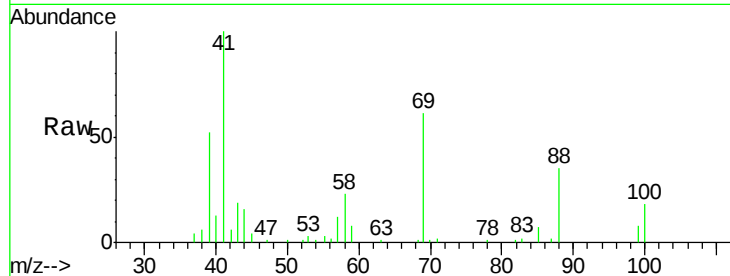




#53  
1,4-Dioxane  
Concen: 266.11 ug/l  
RT: 6.67 min Scan# 594  
Delta R.T. -0.01 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

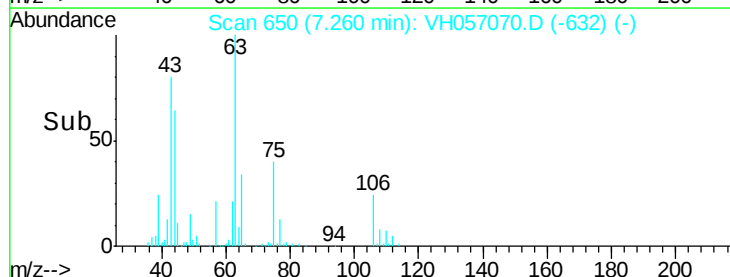
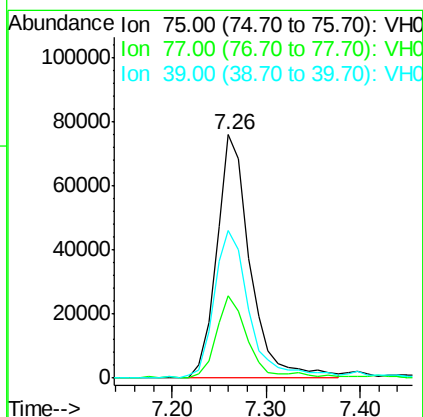
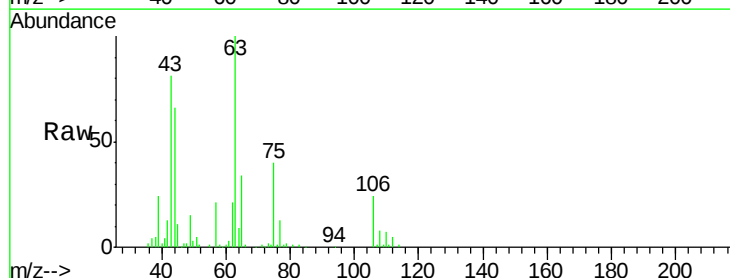
Instrument :  
MSVOA\_H  
ClientSampleId :  
VSTDIC010

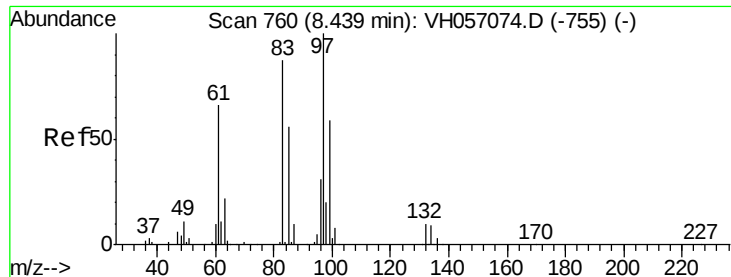
Tgt Ion: 88 Resp: 28909  
Ion Ratio Lower Upper  
88 100  
43 53.7 39.6 59.4  
58 65.8 61.4 92.2



#54  
cis-1,3-Dichloropropene  
Concen: 10.69 ug/l  
RT: 7.26 min Scan# 650  
Delta R.T. -0.01 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

Tgt Ion: 75 Resp: 189069  
Ion Ratio Lower Upper  
75 100  
77 33.8 25.2 37.8  
39 60.5 50.7 76.1





#55

1,1,2-Trichloroethane

Concen: 11.11 ug/l

RT: 8.44 min Scan# 762

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 98676

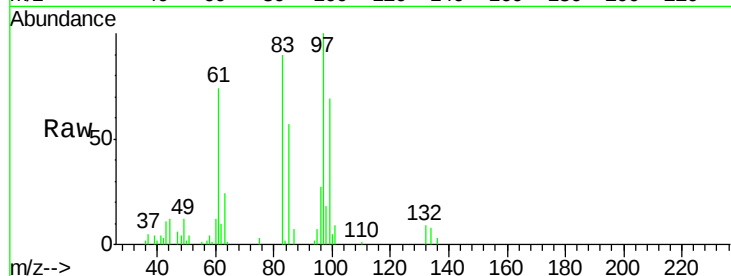
Ion Ratio Lower Upper

97 100

83 90.4 72.7 109.1

85 56.6 45.5 68.3

99 68.5 46.2 69.2

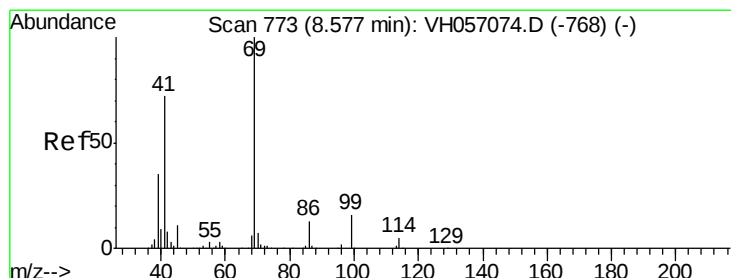
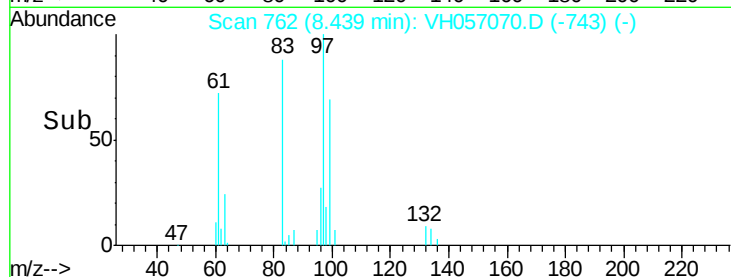
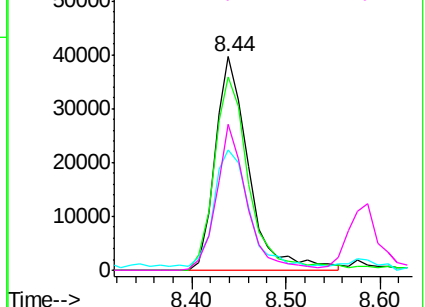


Abundance Ion 97.00 (96.70 to 97.70): VH0

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: 10.06 ug/l

RT: 8.58 min Scan# 775

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

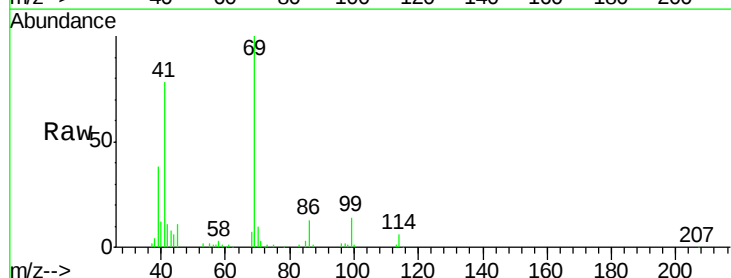
Tgt Ion: 69 Resp: 185400

Ion Ratio Lower Upper

69 100

41 78.3 39.1 117.3

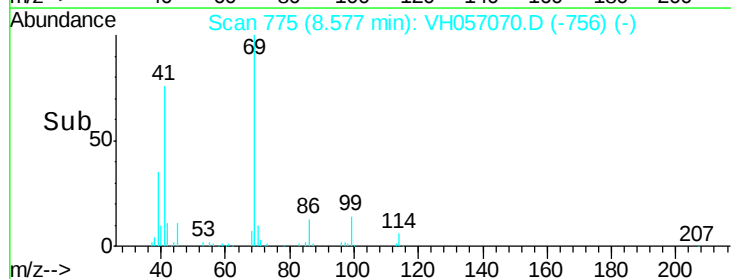
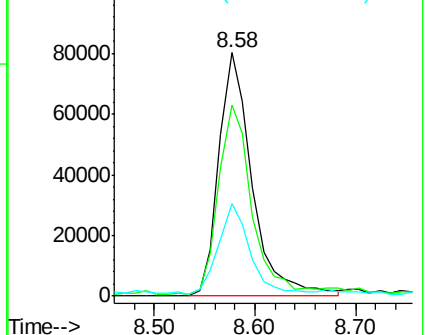
39 38.2 19.2 57.6

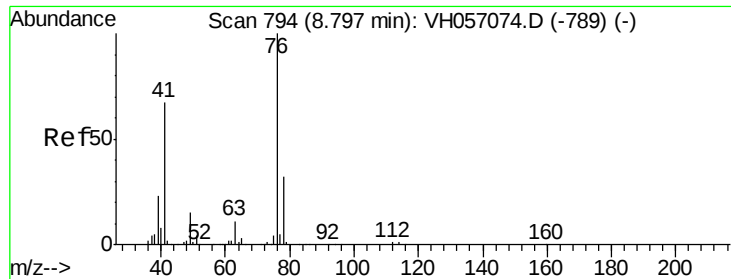


Abundance Ion 69.00 (68.70 to 69.70): VH0

Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0





#57

1,3-Dichloropropane

Concen: 10.99 ug/l

RT: 8.80 min Scan# 796

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

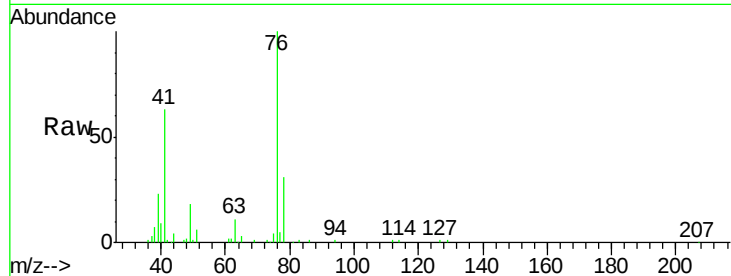
VSTDIC010

Tgt Ion: 76 Resp: 204907

Ion Ratio Lower Upper

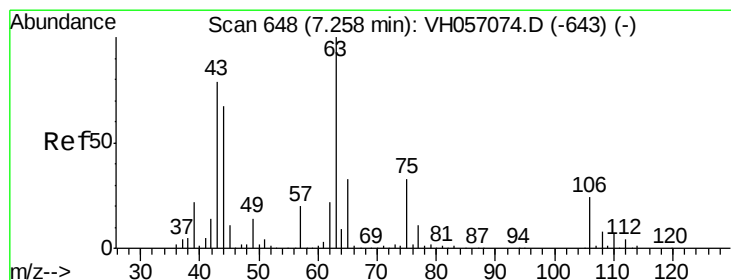
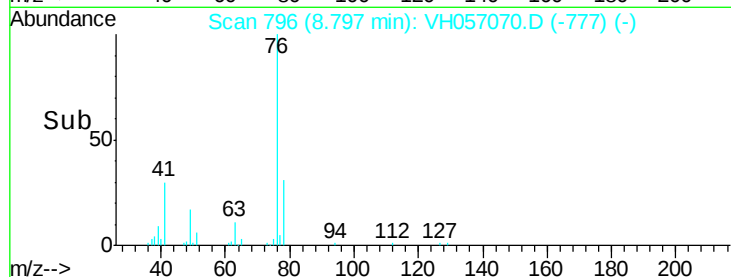
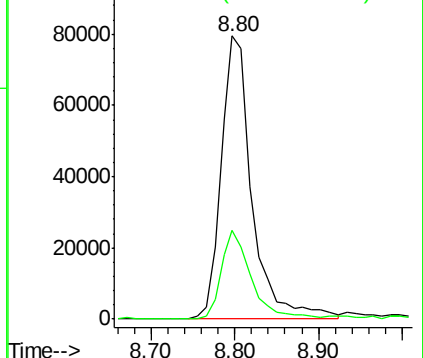
76 100

78 31.3 25.7 38.5



Abundance Ion 76.00 (75.70 to 76.70): VH0

Ion 78.00 (77.70 to 78.70): VH0



#58

2-Chloroethyl Vinyl ether

Concen: 32.08 ug/l

RT: 7.26 min Scan# 650

Delta R.T. 0.00 min

Lab File: VH057070.D

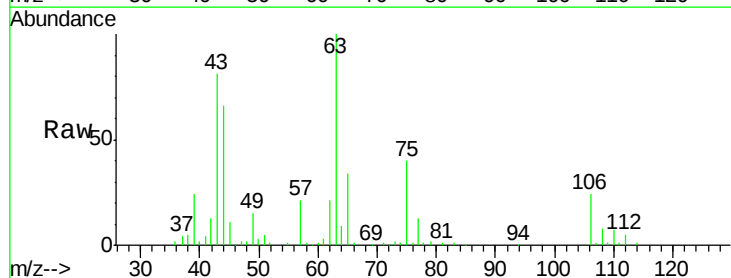
Acq: 17 Sep 2015 17:13

Tgt Ion: 63 Resp: 507620

Ion Ratio Lower Upper

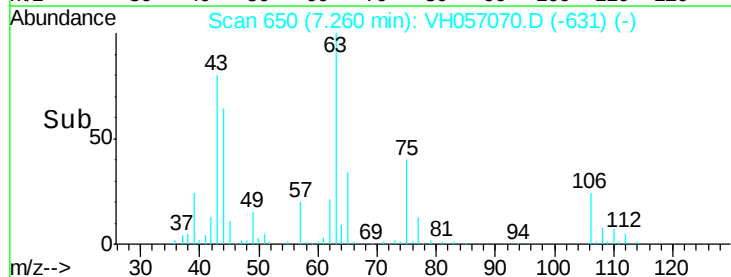
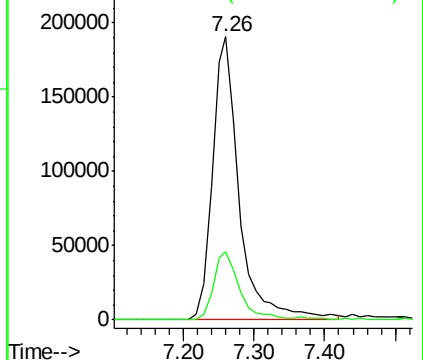
63 100

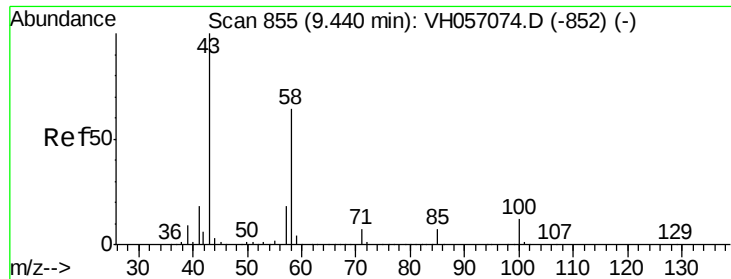
106 24.1 18.0 27.0



Abundance Ion 63.00 (62.70 to 63.70): VH0

Ion 106.00 (105.70 to 106.70): V

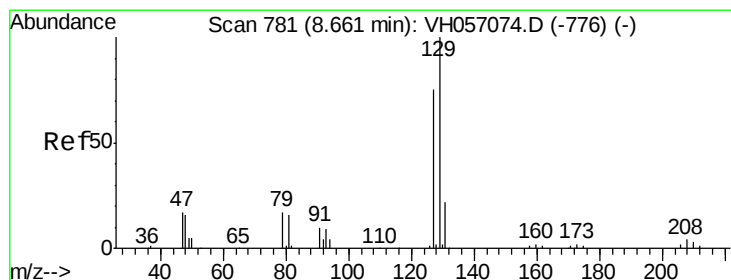
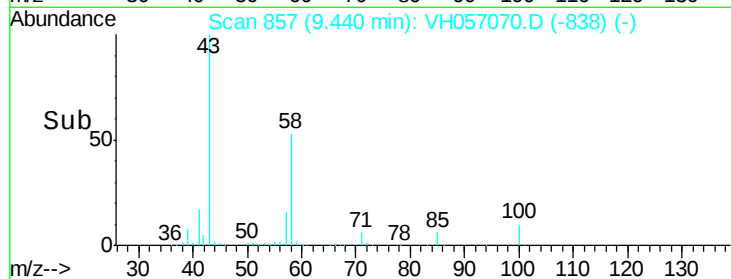
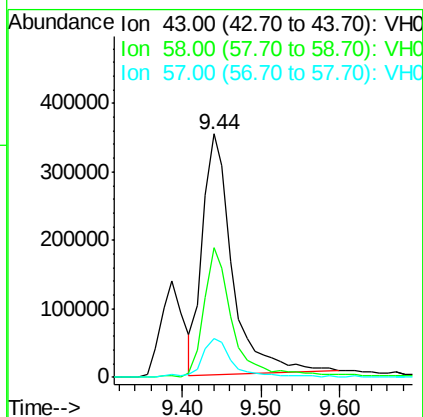
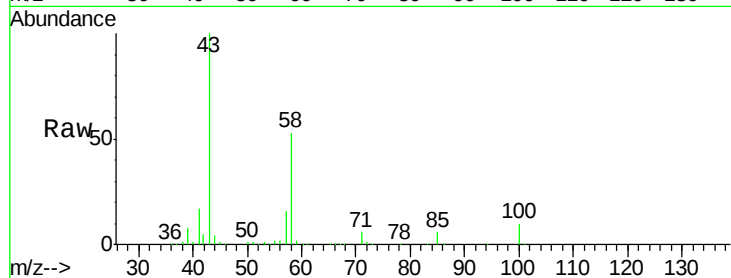




#59  
 2-Hexanone  
 Concen: 55.87 ug/l  
 RT: 9.44 min Scan# 857  
 Delta R.T. 0.00 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

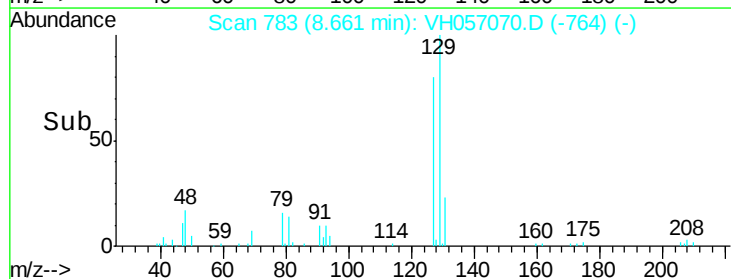
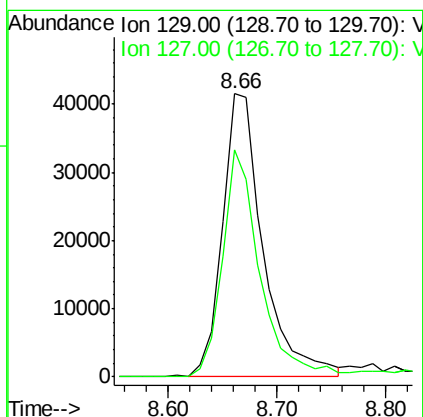
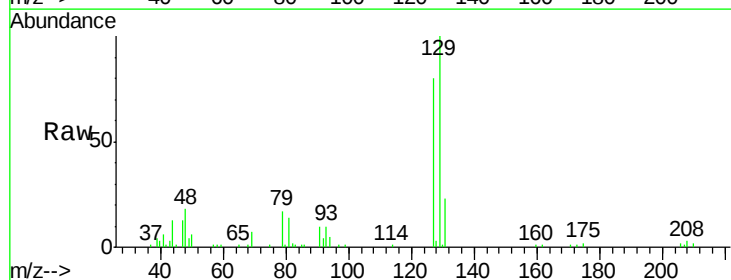
Instrument :  
 MSVOA\_H  
 ClientSampleId :  
 VSTDIC010

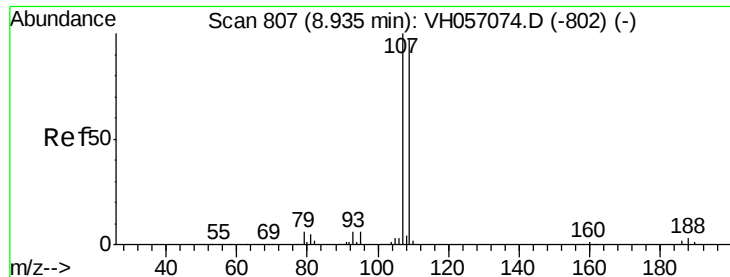
Tgt Ion: 43 Resp: 917190  
 Ion Ratio Lower Upper  
 43 100  
 58 53.3 27.1 81.2  
 57 16.1 8.1 24.3



#60  
 Dibromochloromethane  
 Concen: 10.66 ug/l  
 RT: 8.66 min Scan# 783  
 Delta R.T. 0.00 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

Tgt Ion: 129 Resp: 107464  
 Ion Ratio Lower Upper  
 129 100  
 127 80.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 10.41 ug/l

RT: 8.93 min Scan# 809

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

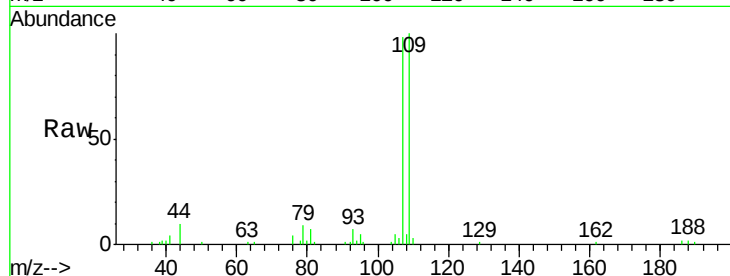
VSTDIC010

Tgt Ion: 107 Resp: 108334

Ion Ratio Lower Upper

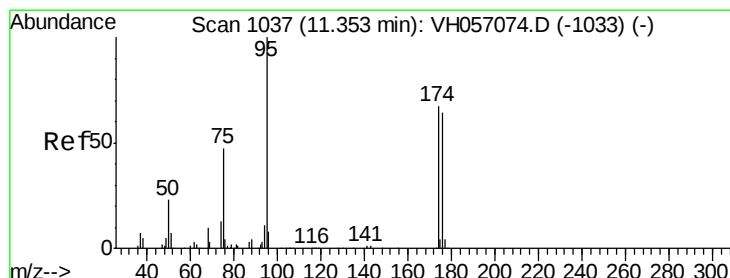
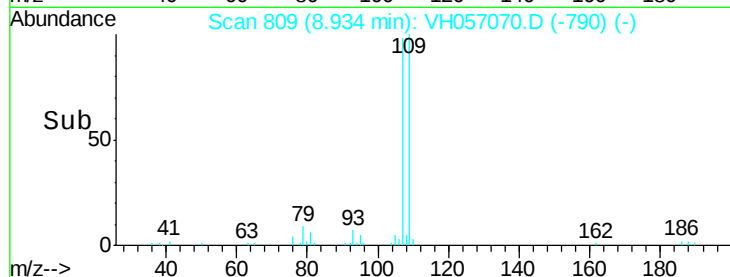
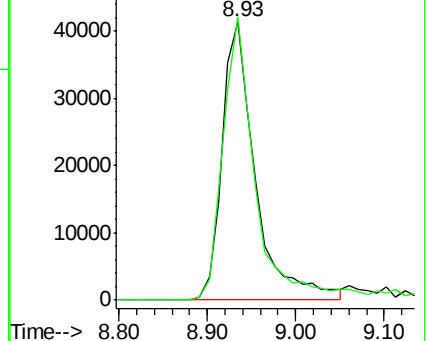
107 100

109 101.6 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: 9.72 ug/l

RT: 11.36 min Scan# 1040

Delta R.T. 0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

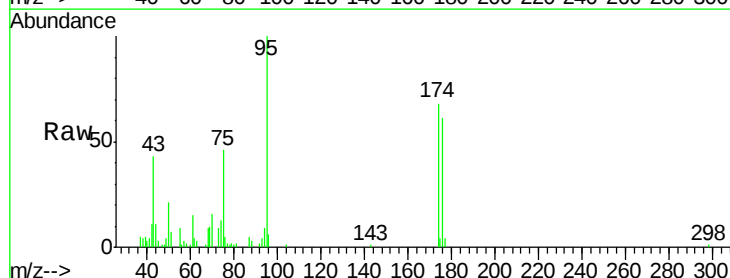
Tgt Ion: 95 Resp: 90158

Ion Ratio Lower Upper

95 100

174 68.2 58.4 87.6

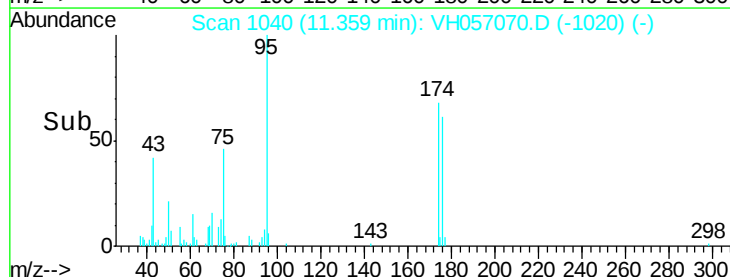
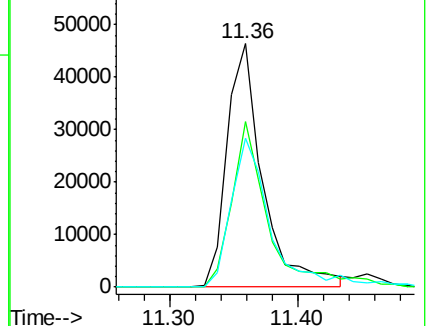
176 60.9 54.3 81.5

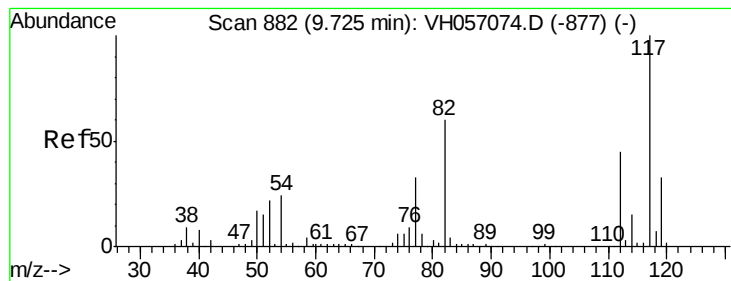


Abundance Ion 95.00 (94.70 to 95.70): V

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# 884

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :  
MSVOA\_H  
ClientSampleId :  
VSTDIC010

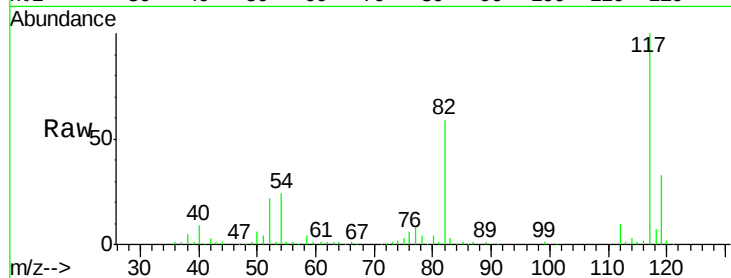
Tgt Ion:117 Resp: 999805

Ion Ratio Lower Upper

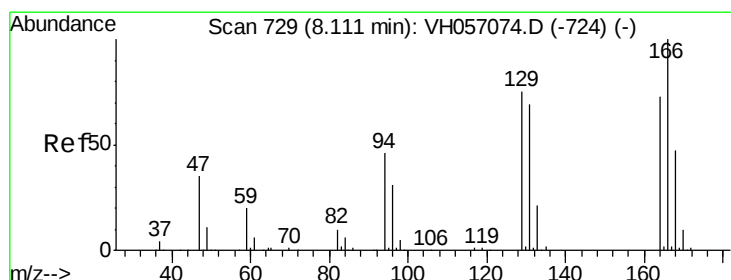
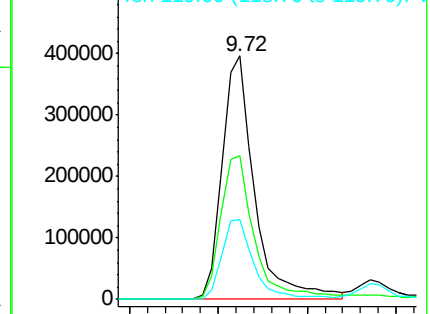
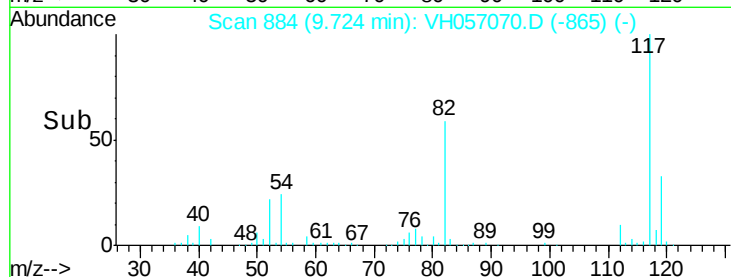
117 100

82 59.0 51.0 76.6

119 32.7 26.7 40.1



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



#64

Tetrachloroethene

Concen: 10.68 ug/l

RT: 8.11 min Scan# 731

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Tgt Ion:164 Resp: 60138

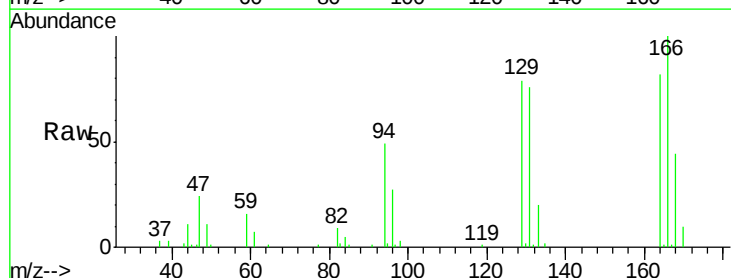
Ion Ratio Lower Upper

164 100

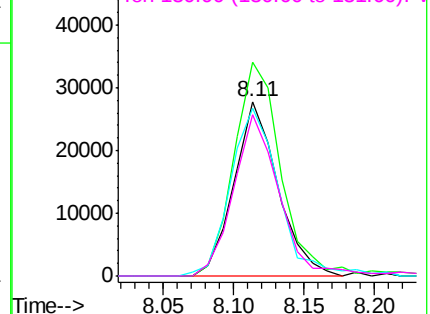
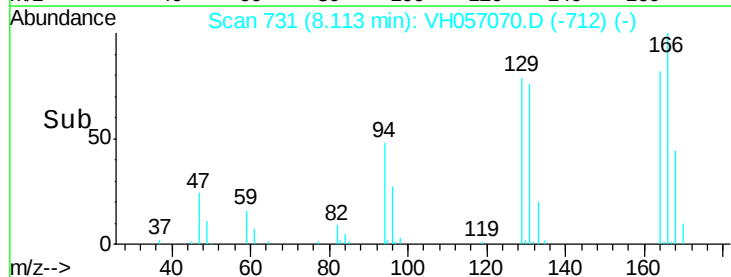
166 122.6 103.2 154.8

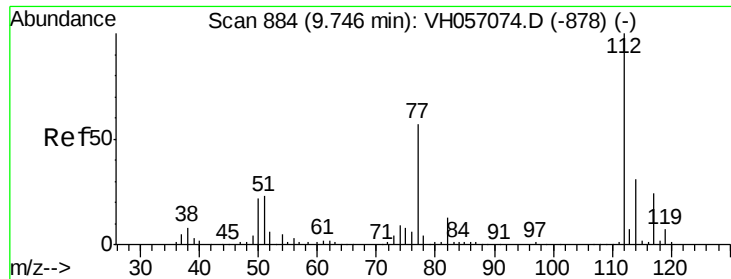
129 96.5 73.4 110.0

131 92.6 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

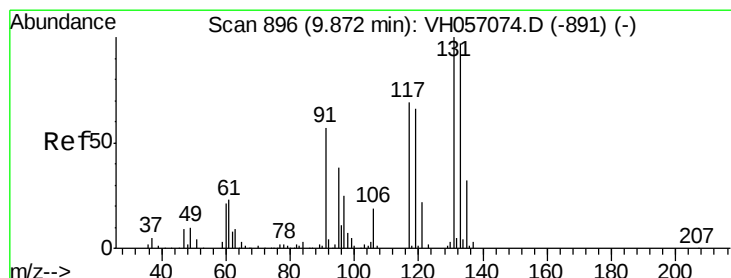
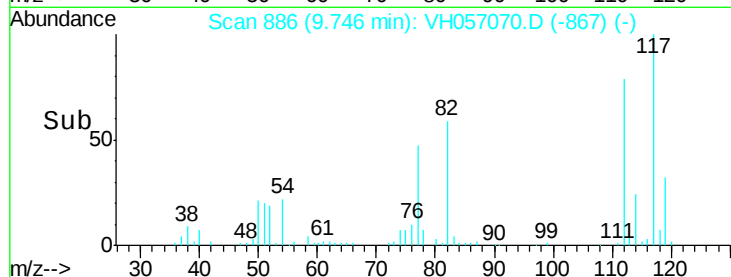
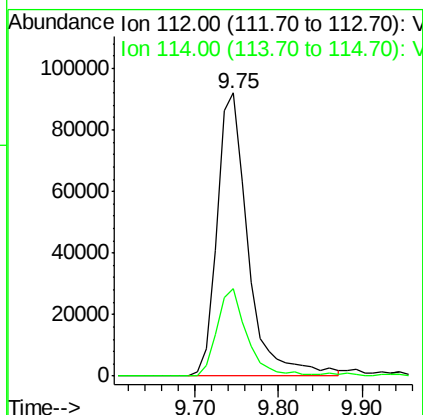
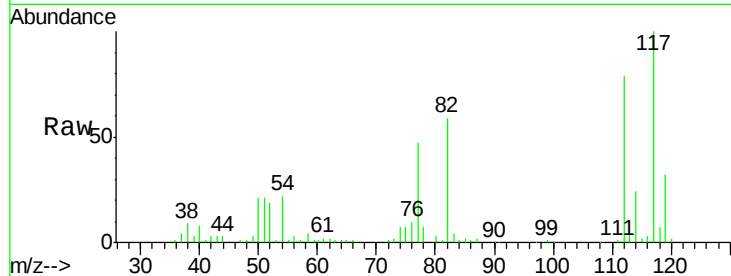




#65  
Chlorobenzene  
Concen: 11.17 ug/l  
RT: 9.75 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

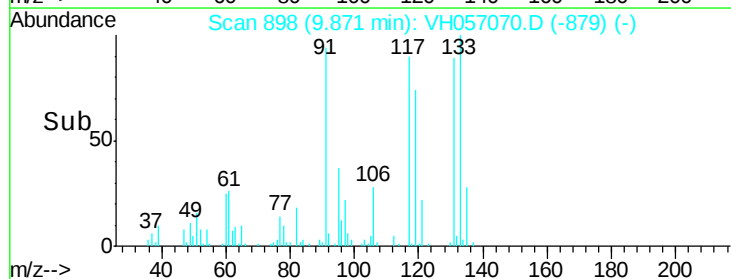
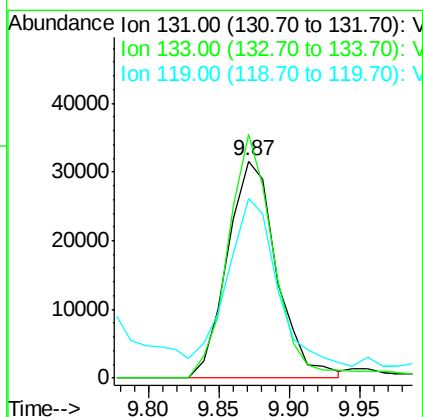
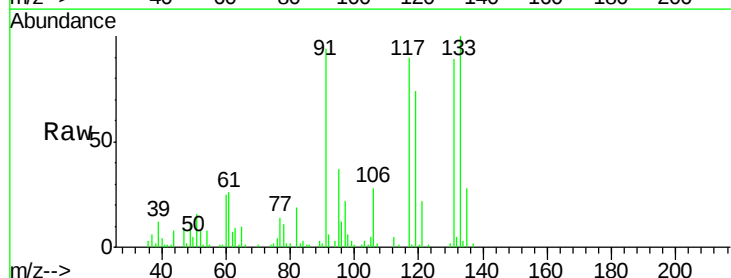
Instrument :  
MSVOA\_H  
ClientSampleId :  
VSTDIC010

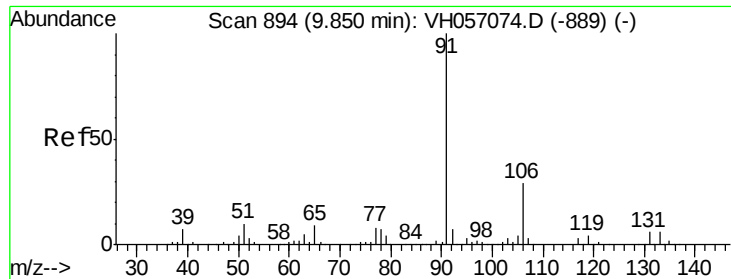
Tgt Ion:112 Resp: 233186  
Ion Ratio Lower Upper  
112 100  
114 30.8 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 10.51 ug/l  
RT: 9.87 min Scan# 898  
Delta R.T. -0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

Tgt Ion:131 Resp: 77034  
Ion Ratio Lower Upper  
131 100  
133 112.1 51.1 153.3  
119 82.6 36.3 108.9

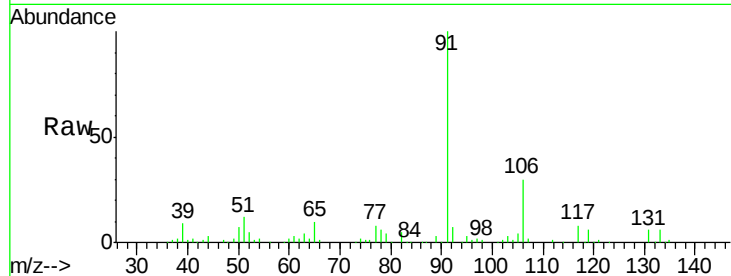




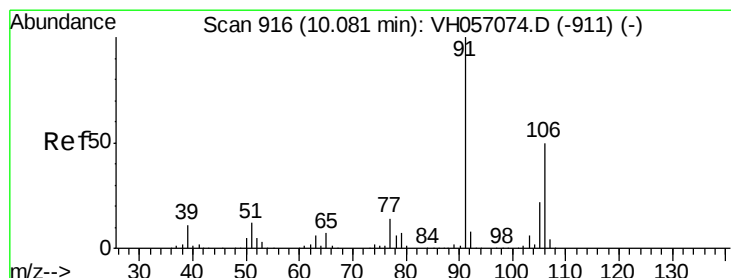
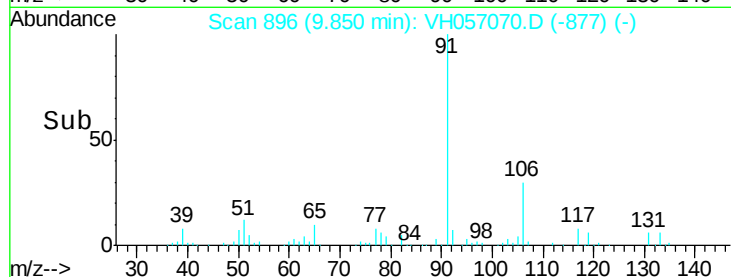
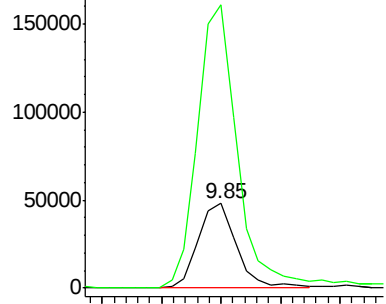
#67  
Ethyl Benzene  
Concen: 10.27 ug/l  
RT: 9.85 min Scan# 896  
Delta R.T. -0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

Instrument :  
MSVOA\_H  
ClientSampleId :  
VSTDIC010

Tgt Ion:106 Resp: 107479  
Ion Ratio Lower Upper  
106 100  
91 335.3 264.9 397.3

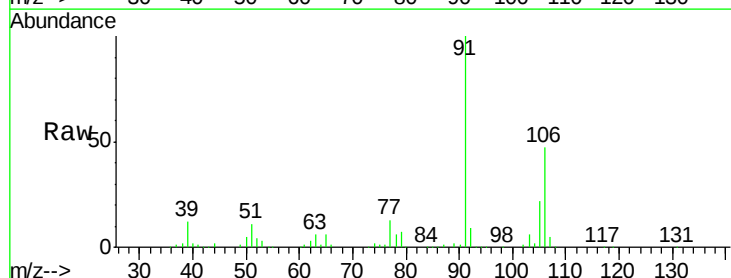


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VH0

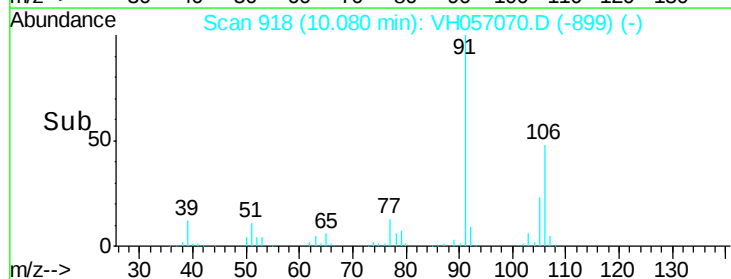
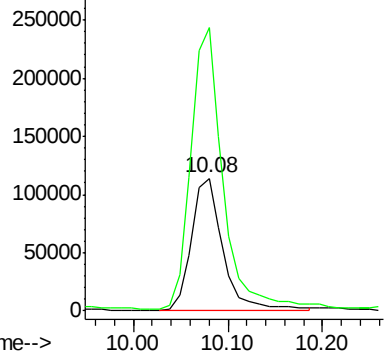


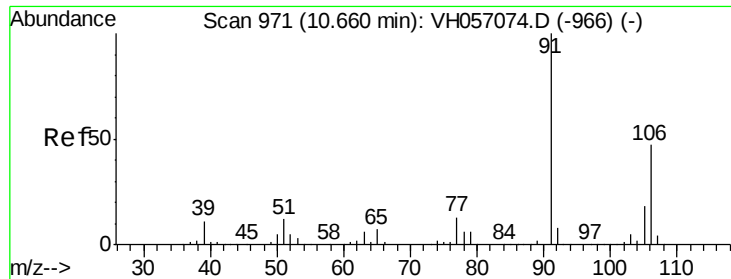
#68  
m/p-Xylenes  
Concen: 20.80 ug/l  
RT: 10.08 min Scan# 918  
Delta R.T. -0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

Tgt Ion:106 Resp: 261482  
Ion Ratio Lower Upper  
106 100  
91 213.6 164.4 246.6



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VH0

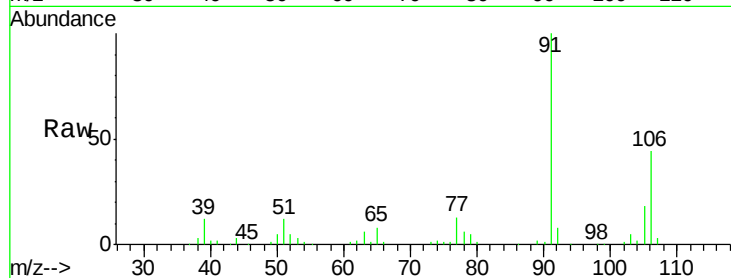




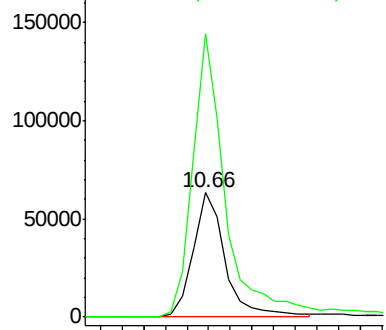
#69  
o-Xylene  
Concen: 10.79 ug/l  
RT: 10.66 min Scan# 973  
Delta R.T. -0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

Instrument :  
MSVOA\_H  
ClientSampleId :  
VSTDIC010

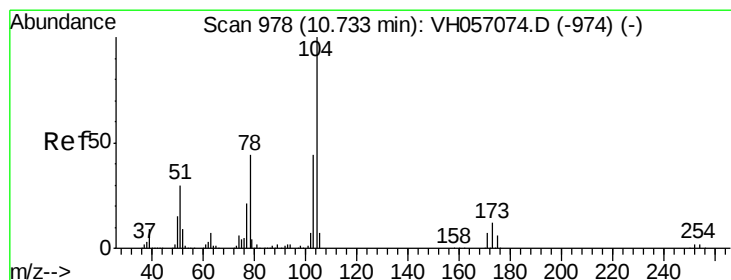
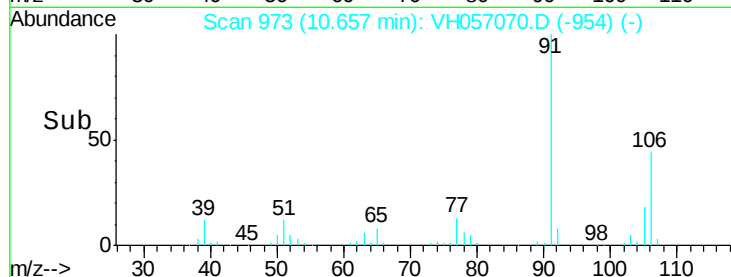
Tgt Ion:106 Resp: 130945  
Ion Ratio Lower Upper  
106 100  
91 227.5 104.2 312.6



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VH0

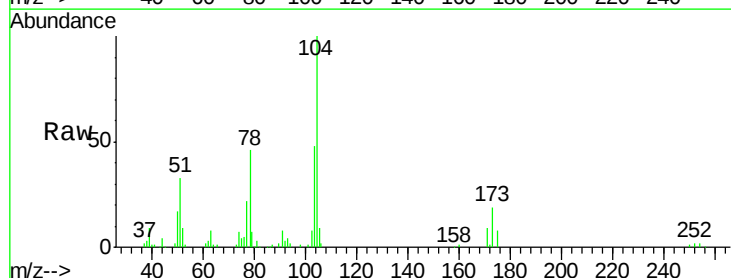


Time-->

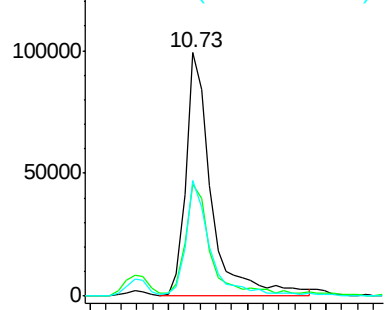


#70  
Styrene  
Concen: 10.93 ug/l  
RT: 10.73 min Scan# 980  
Delta R.T. -0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

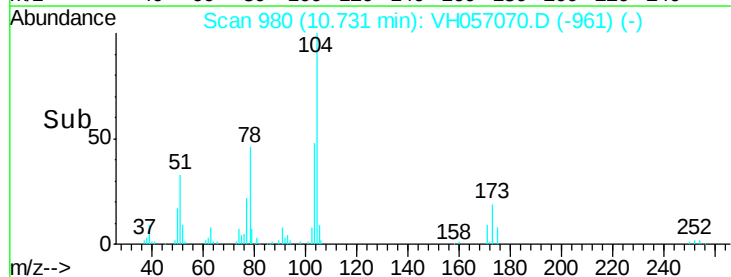
Tgt Ion:104 Resp: 223510  
Ion Ratio Lower Upper  
104 100  
78 46.0 35.2 52.8  
103 47.5 35.8 53.6

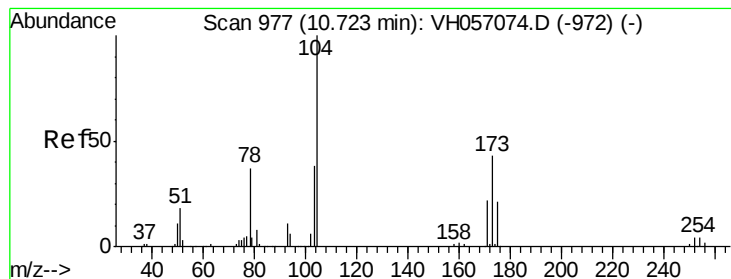


Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VH0  
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 9.58 ug/l

RT: 10.72 min Scan# 979

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

VSTDIC010

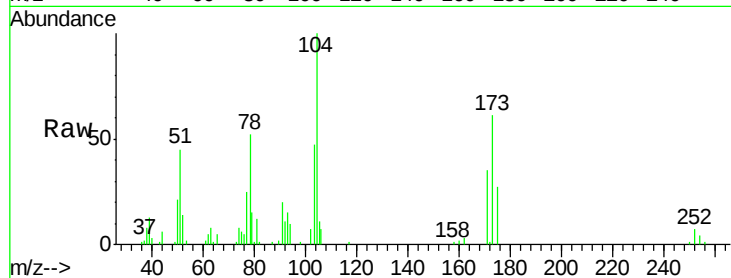
Tgt Ion:173 Resp: 57505

Ion Ratio Lower Upper

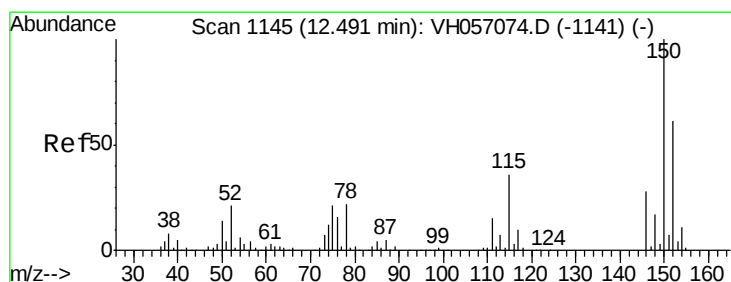
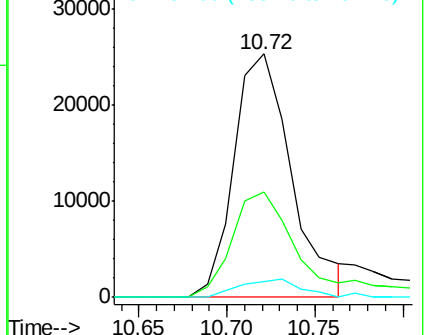
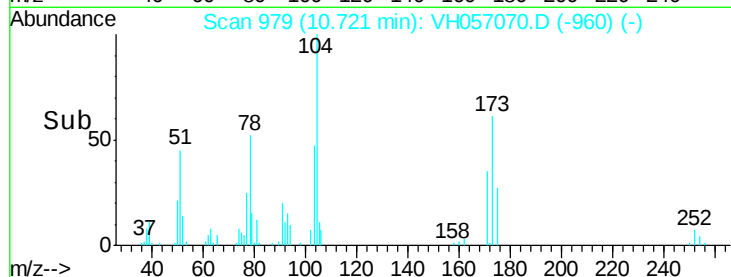
173 100

175 43.4 23.3 69.9

254 6.2 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# 1147

Delta R.T. -0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

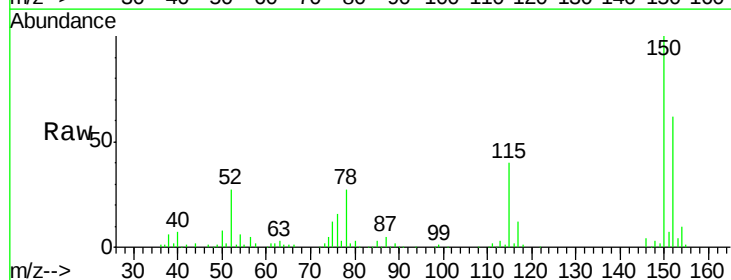
Tgt Ion:152 Resp: 272140

Ion Ratio Lower Upper

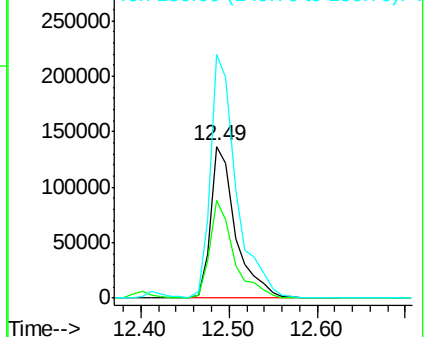
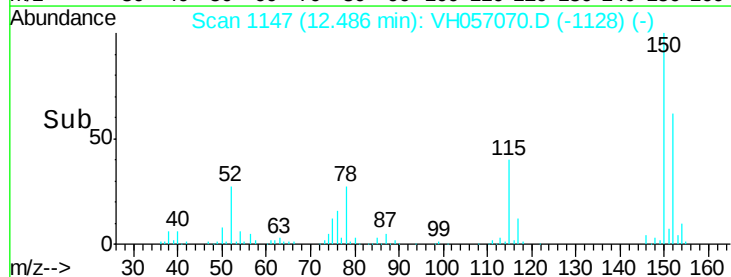
152 100

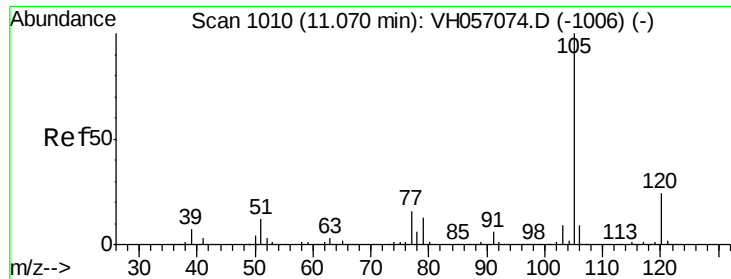
115 64.6 28.2 84.6

150 160.3 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: 10.52 ug/l

RT: 11.08 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampled :

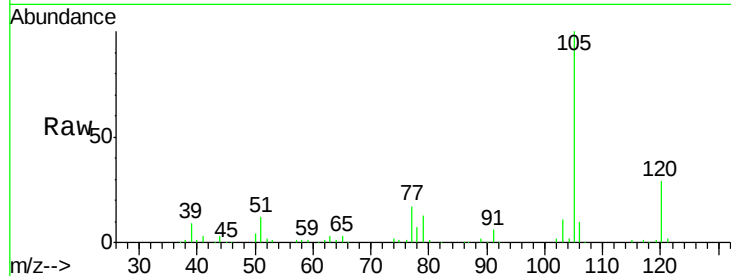
VSTDIC010

Tgt Ion: 105 Resp: 269083

Ion Ratio Lower Upper

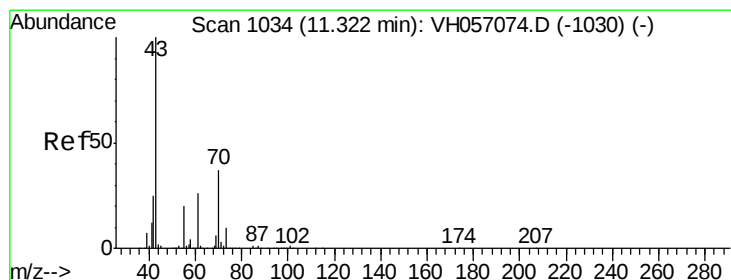
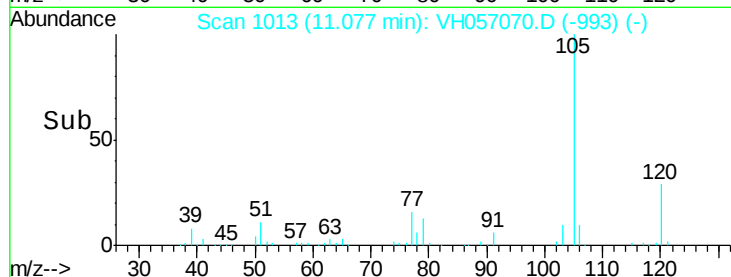
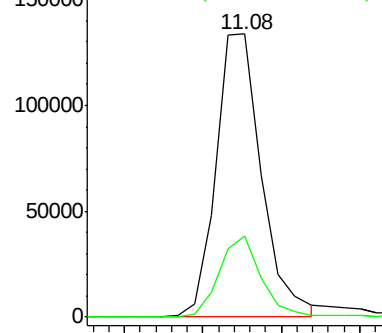
105 100

120 28.7 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: 10.68 ug/l

RT: 11.33 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Tgt Ion: 43 Resp: 297076

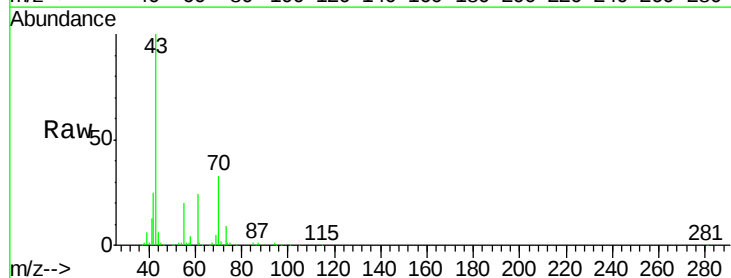
Ion Ratio Lower Upper

43 100

70 33.1 27.3 40.9

55 20.3 15.3 22.9

61 24.2 19.4 29.0

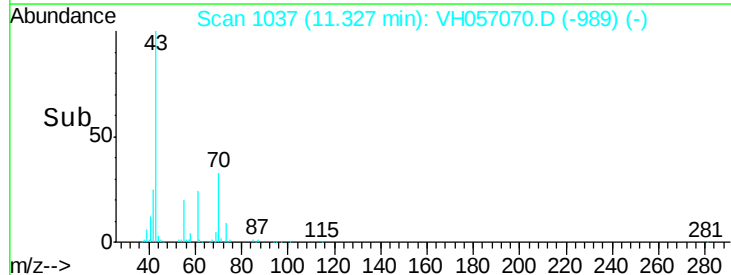
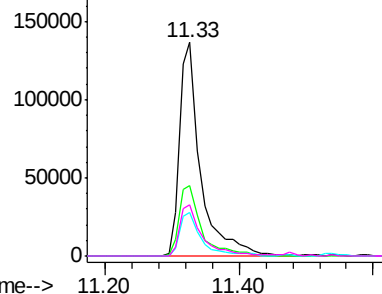


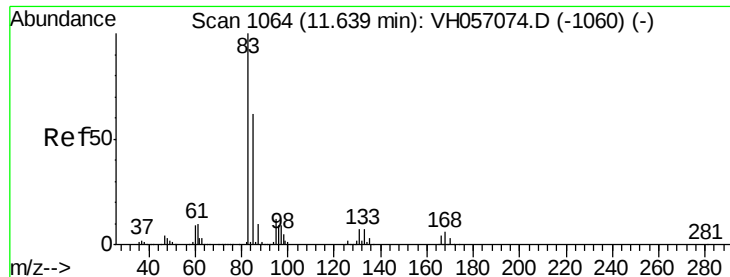
Abundance Ion 43.05 (42.75 to 43.75): V

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: 9.98 ug/l

RT: 11.64 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

VSTDIC010

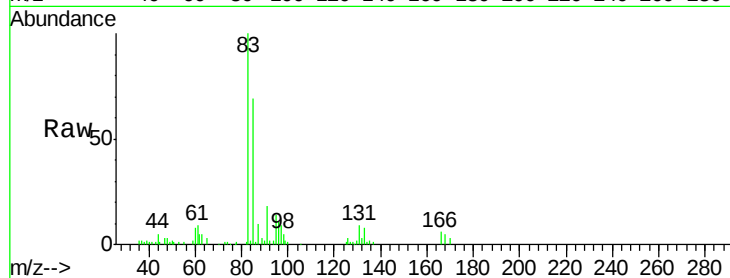
Tgt Ion: 83 Resp: 131995

Ion Ratio Lower Upper

83 100

131 8.6 3.1 9.3

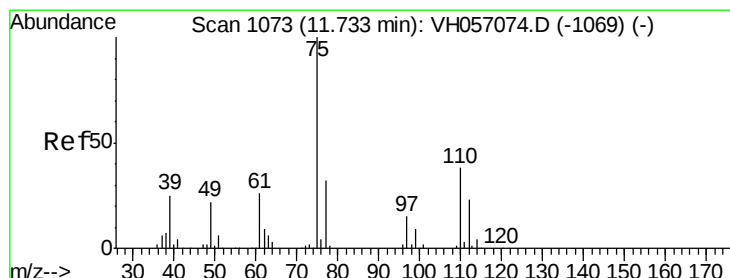
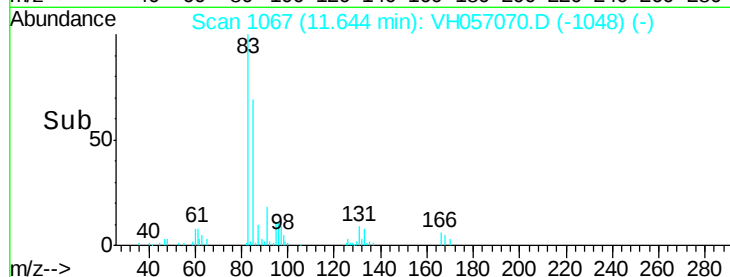
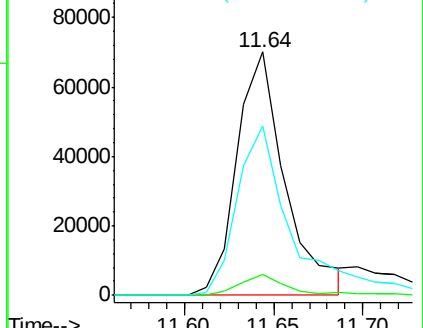
85 69.3 32.3 96.8



Abundance Ion 83.00 (82.70 to 83.70): VH0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VH0



#76

1,2,3-Trichloropropane

Concen: 11.30 ug/l

RT: 11.74 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VH057070.D

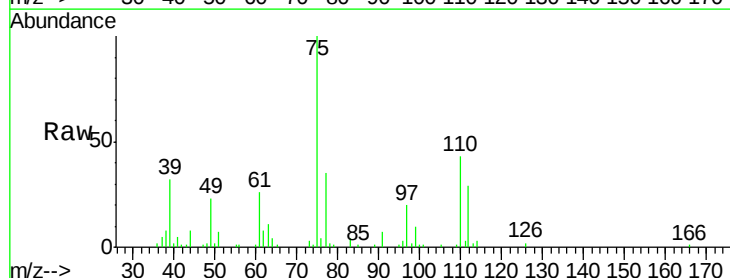
Acq: 17 Sep 2015 17:13

Tgt Ion: 75 Resp: 116269

Ion Ratio Lower Upper

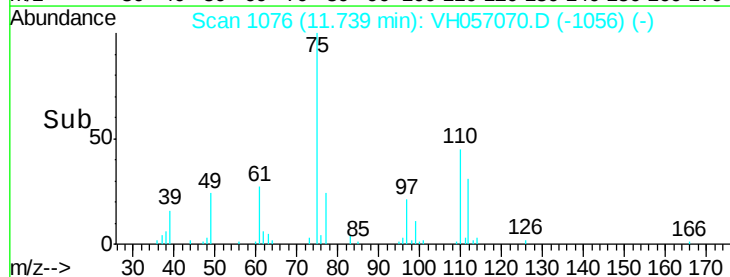
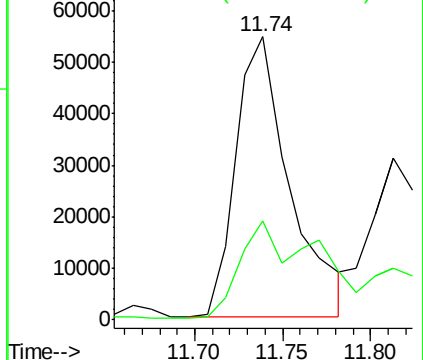
75 100

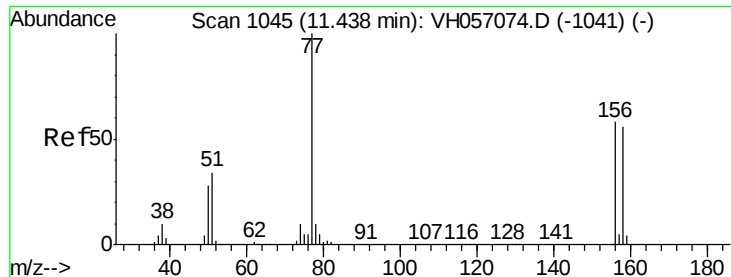
77 34.9 14.9 44.9



Abundance Ion 75.00 (74.70 to 75.70): VH0

Ion 77.00 (76.70 to 77.70): VH0





#77

Bromobenzene

Concen: 11.39 ug/l

RT: 11.44 min Scan# 1048

Delta R.T. 0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

VSTDIC010

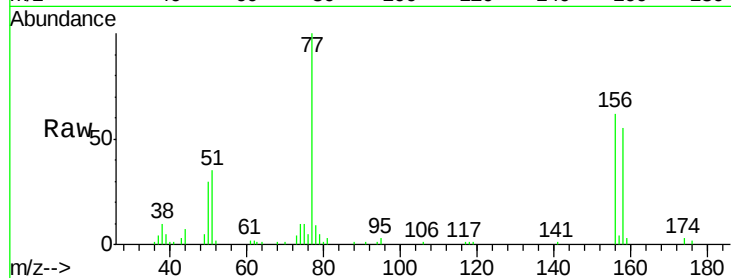
Tgt Ion:156 Resp: 78571

Ion Ratio Lower Upper

156 100

77 162.2 73.5 220.5

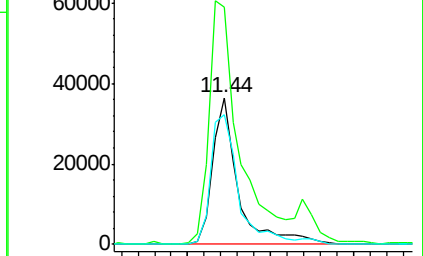
158 88.5 46.8 140.3



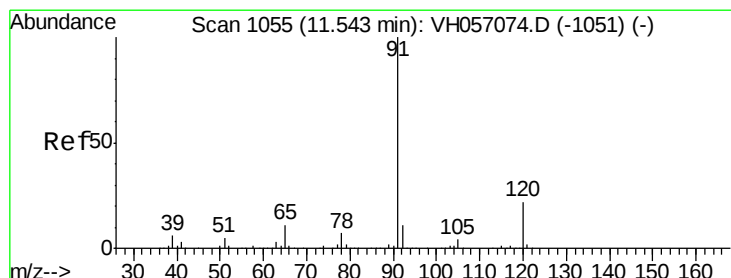
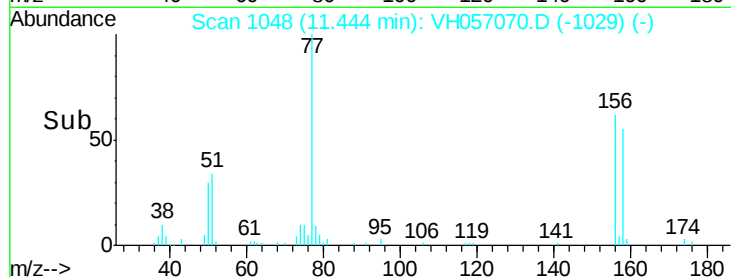
Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VH0

Ion 158.00 (157.70 to 158.70): V



Time-->



#78

n-propylbenzene

Concen: 11.36 ug/l

RT: 11.54 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VH057070.D

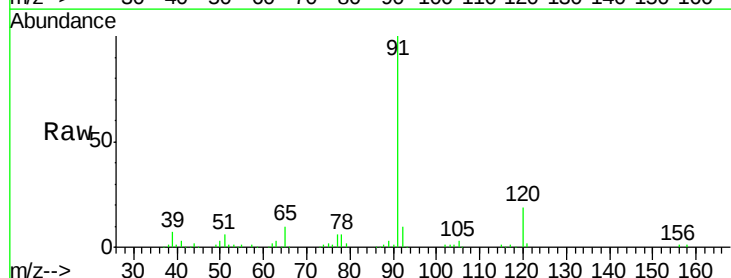
Acq: 17 Sep 2015 17:13

Tgt Ion: 91 Resp: 305530

Ion Ratio Lower Upper

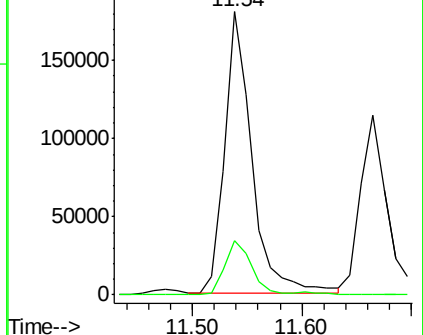
91 100

120 19.2 10.2 30.6

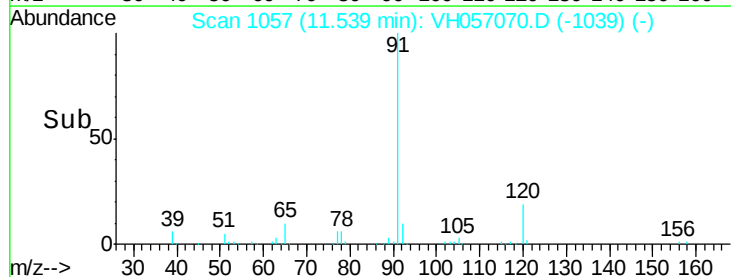


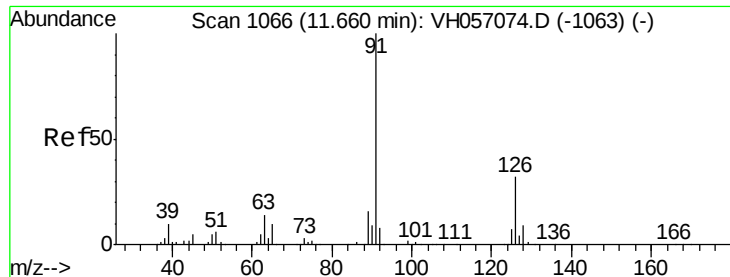
Abundance Ion 91.00 (90.70 to 91.70): VH0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 11.44 ug/l

RT: 11.66 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampled :

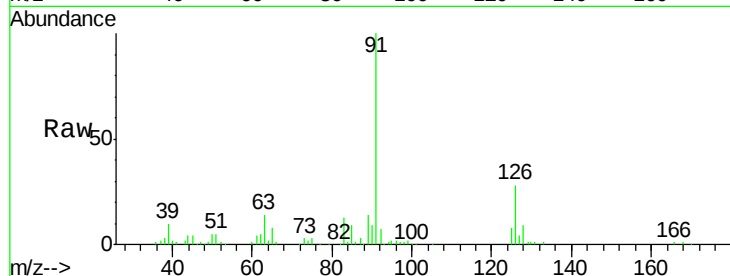
VSTDIC010

Tgt Ion: 91 Resp: 186447

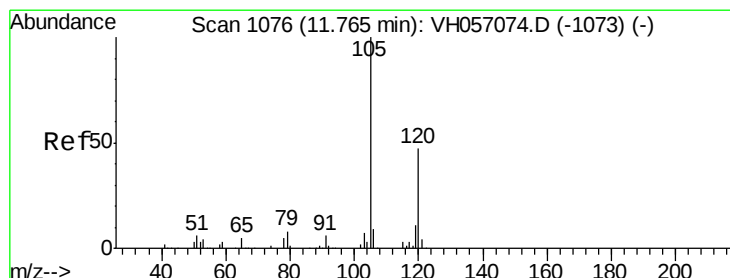
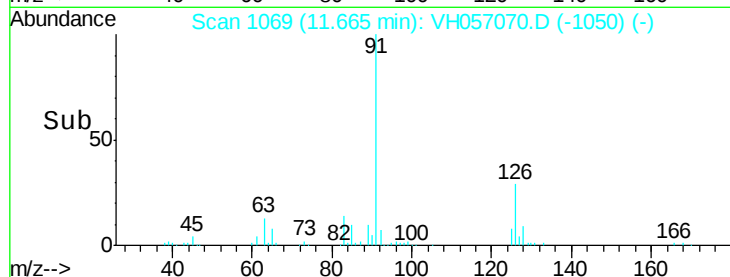
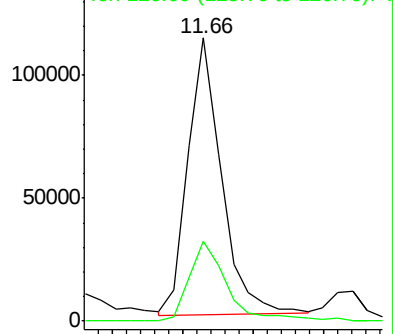
Ion Ratio Lower Upper

91 100

126 28.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VH057070.D (-1063) (-)



#80

1,3,5-Trimethylbenzene

Concen: 11.06 ug/l

RT: 11.77 min Scan# 1079

Delta R.T. 0.01 min

Lab File: VH057070.D

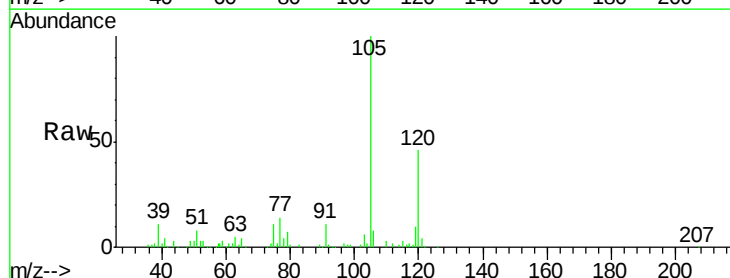
Acq: 17 Sep 2015 17:13

Tgt Ion: 105 Resp: 175002

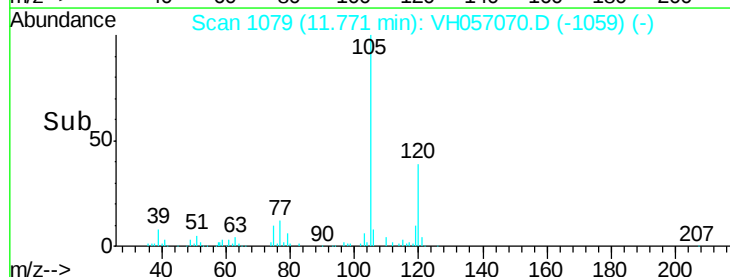
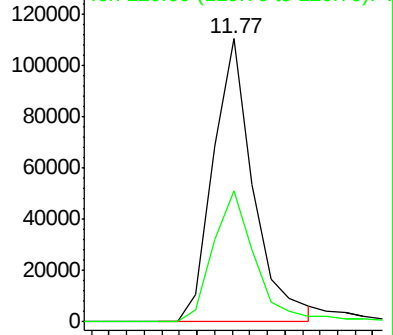
Ion Ratio Lower Upper

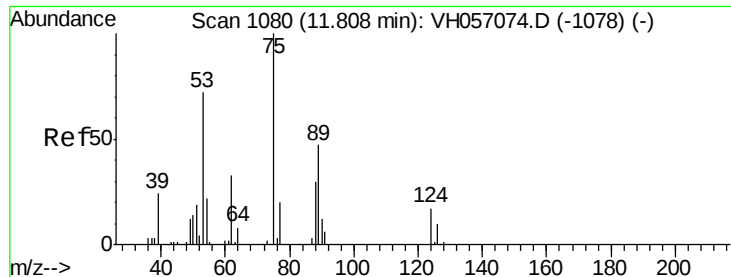
105 100

120 46.4 23.6 71.0



Abundance Ion 105.00 (104.70 to 105.70): VH057070.D (-1073) (-)





#81

trans-1,4-Dichloro-2-Butene

Concen: 10.50 ug/l

RT: 11.81 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampleId :

VSTDIC010

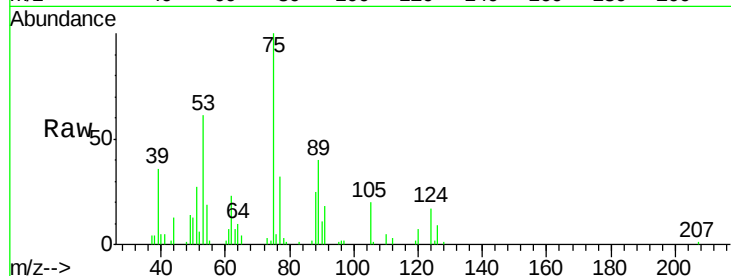
Tgt Ion: 75 Resp: 82521

Ion Ratio Lower Upper

75 100

53 60.9 32.0 96.2

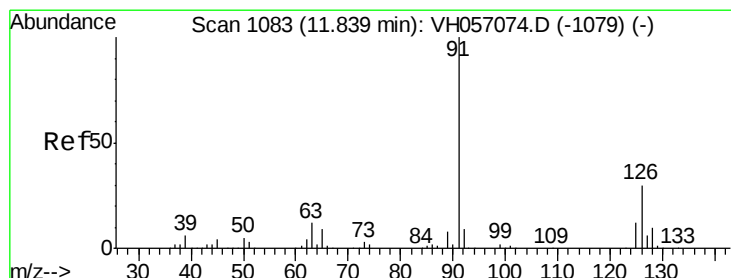
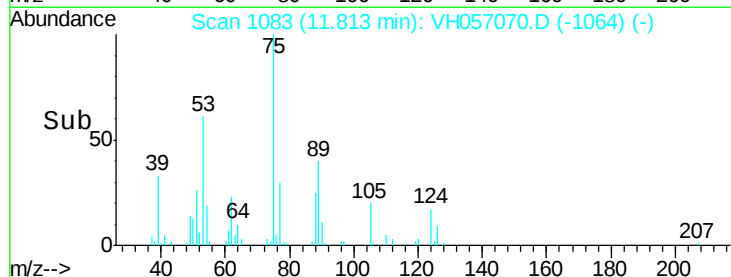
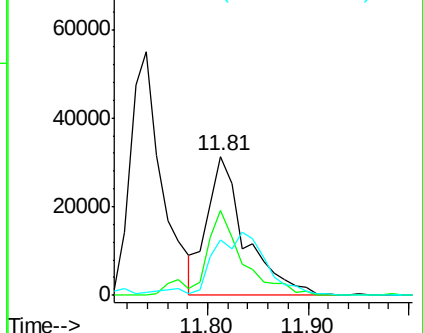
89 40.1 21.1 63.3



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: 11.12 ug/l

RT: 11.84 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VH057070.D

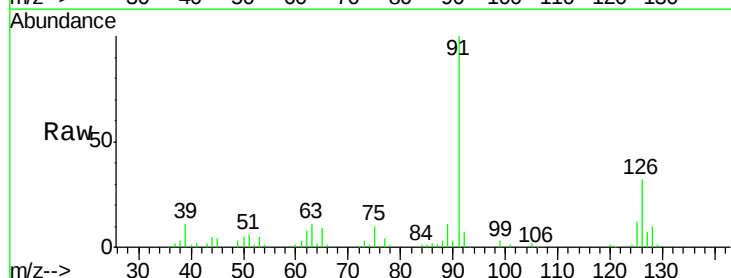
Acq: 17 Sep 2015 17:13

Tgt Ion: 91 Resp: 216548

Ion Ratio Lower Upper

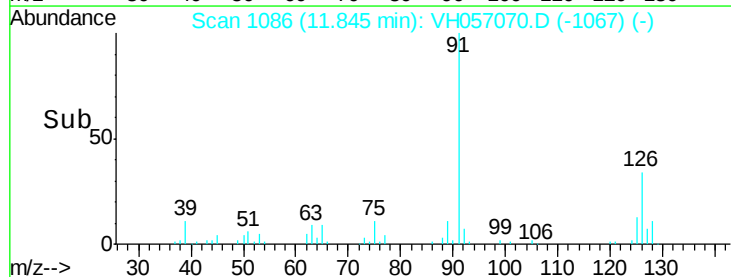
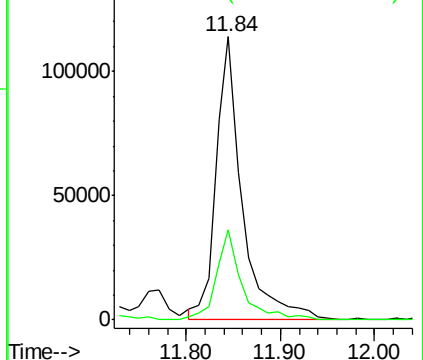
91 100

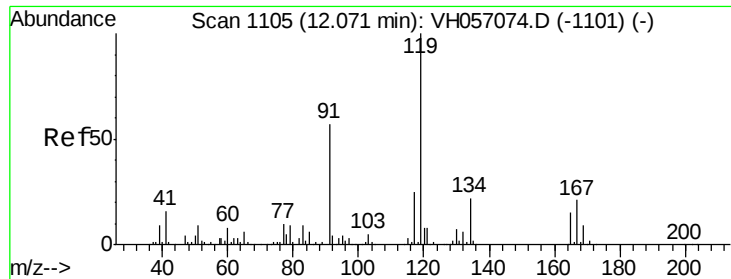
126 31.9 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VH0

Ion 126.00 (125.70 to 126.70): V

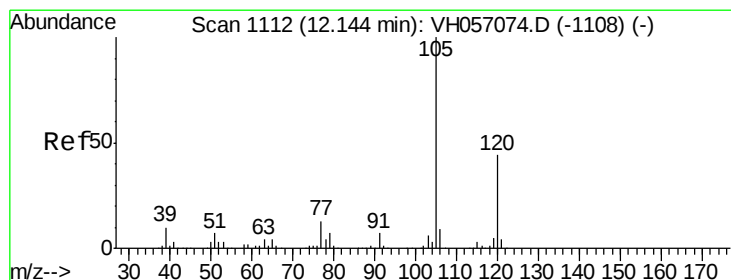
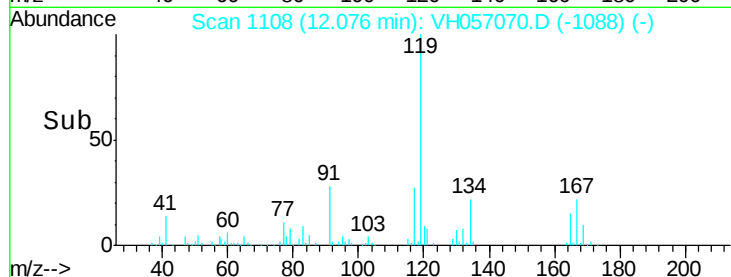
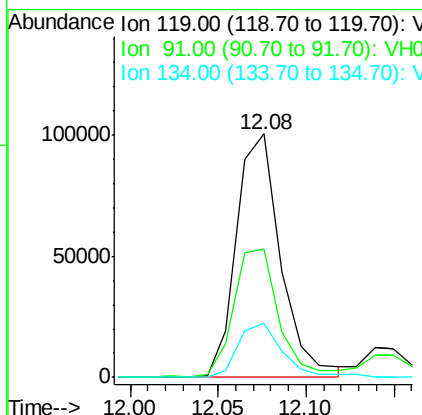
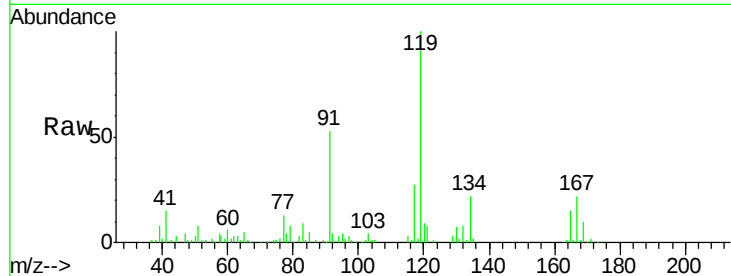




#83  
 tert-Butylbenzene  
 Concen: 11.83 ug/l  
 RT: 12.08 min Scan# 1108  
 Delta R.T. 0.01 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

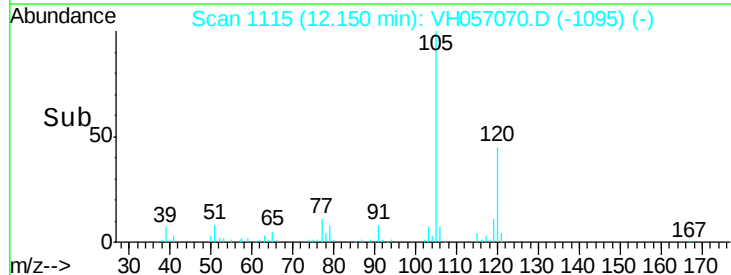
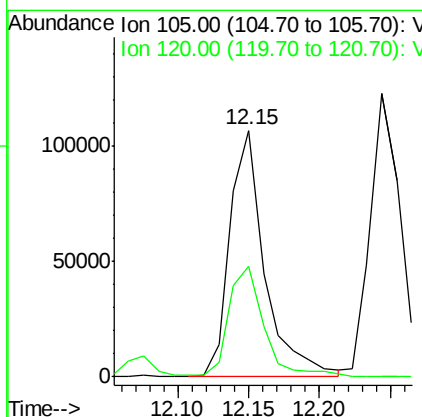
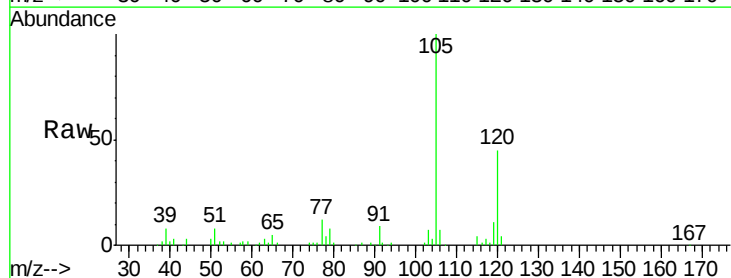
Instrument :  
 MSVOA\_H  
 ClientSampled :  
 VSTDIC010

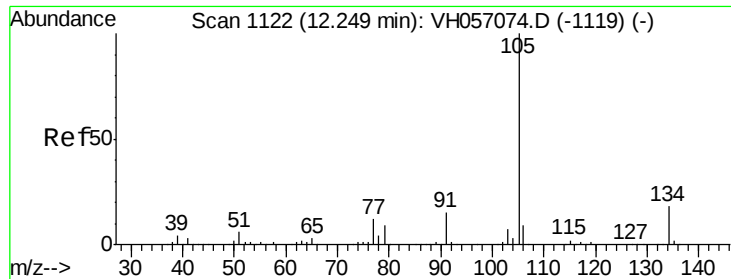
Tgt Ion:119 Resp: 176089  
 Ion Ratio Lower Upper  
 119 100  
 91 52.8 28.5 85.6  
 134 22.1 11.5 34.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 11.46 ug/l  
 RT: 12.15 min Scan# 1115  
 Delta R.T. 0.01 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

Tgt Ion:105 Resp: 183281  
 Ion Ratio Lower Upper  
 105 100  
 120 44.8 22.6 67.7

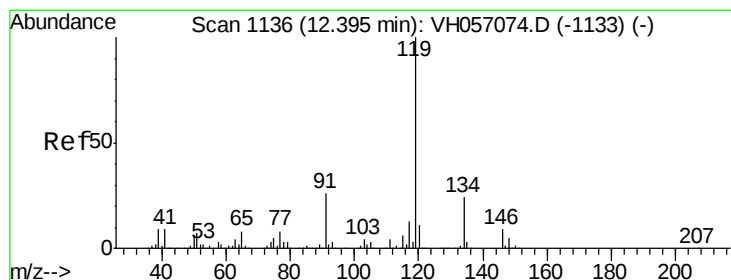
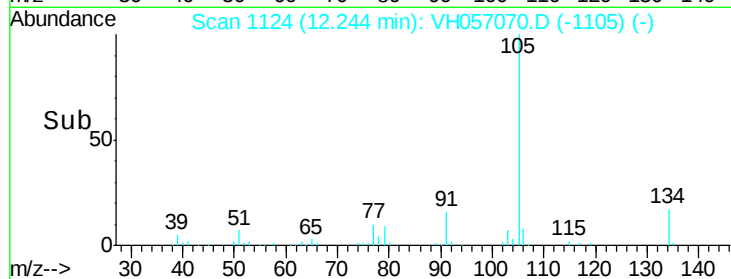
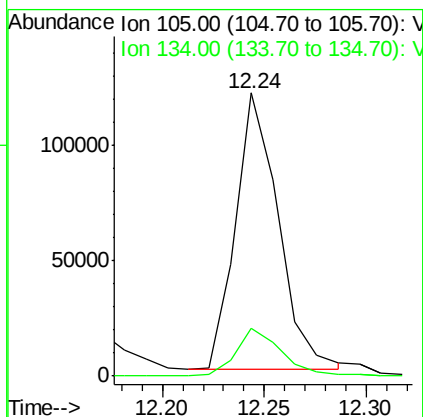
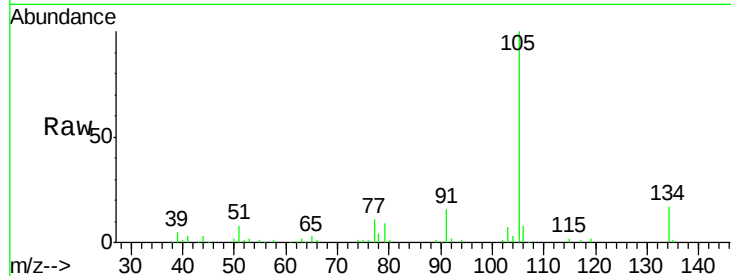




#85  
 sec-Butylbenzene  
 Concen: 10.94 ug/l  
 RT: 12.24 min Scan# 1124  
 Delta R.T. -0.01 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

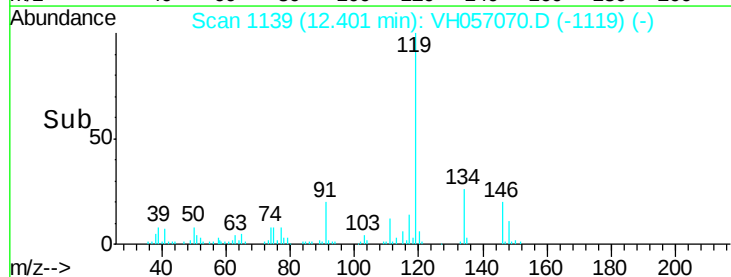
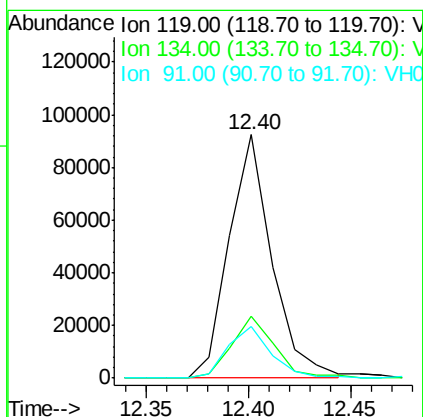
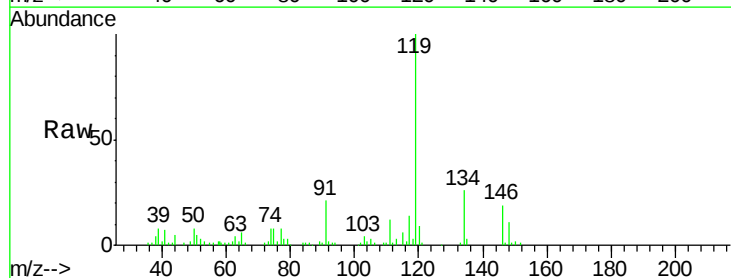
Instrument :  
 MSVOA\_H  
 ClientSampled :  
 VSTDIC010

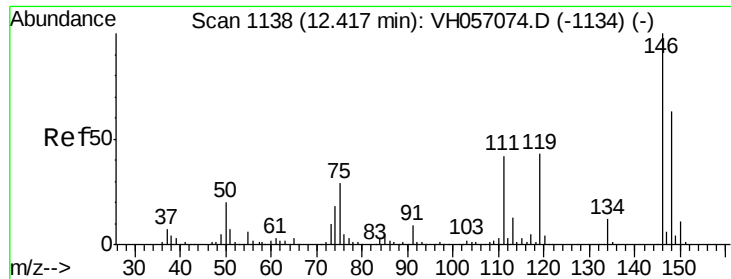
Tgt Ion:105 Resp: 173222  
 Ion Ratio Lower Upper  
 105 100  
 134 17.0 9.1 27.3



#86  
 p-Isopropyltoluene  
 Concen: 11.04 ug/l  
 RT: 12.40 min Scan# 1139  
 Delta R.T. 0.01 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

Tgt Ion:119 Resp: 134100  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 13.0 38.9  
 91 21.0 12.5 37.5

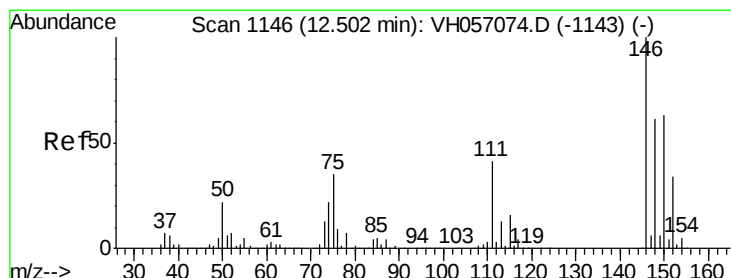
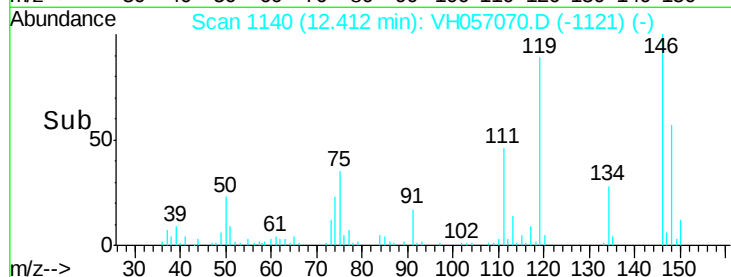
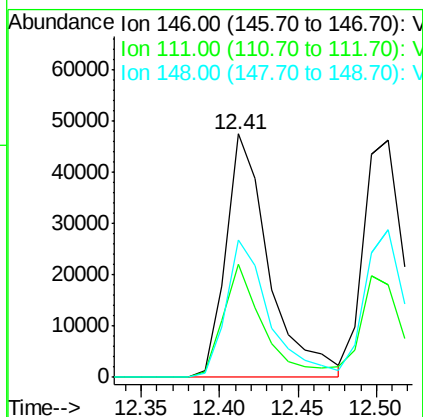
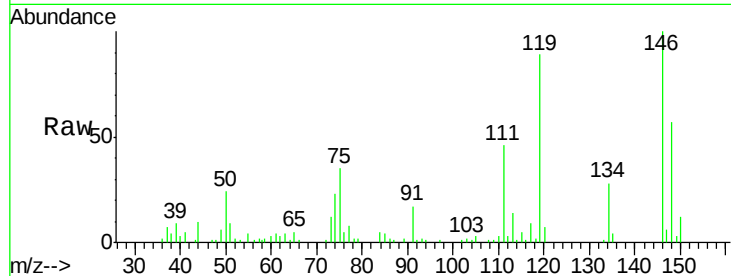




#87  
 1,3-Dichlorobenzene  
 Concen: 11.06 ug/l  
 RT: 12.41 min Scan# 1140  
 Delta R.T. -0.00 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

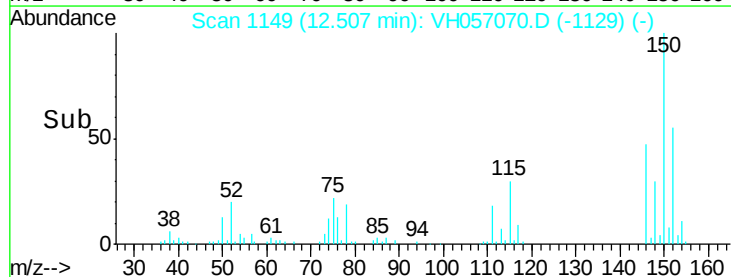
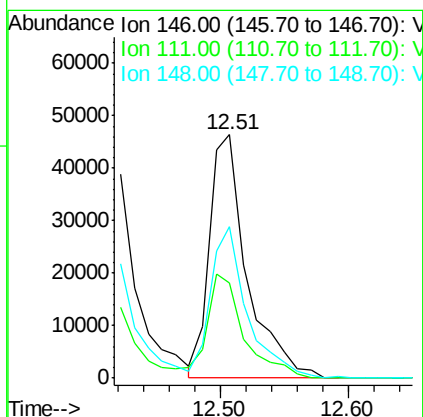
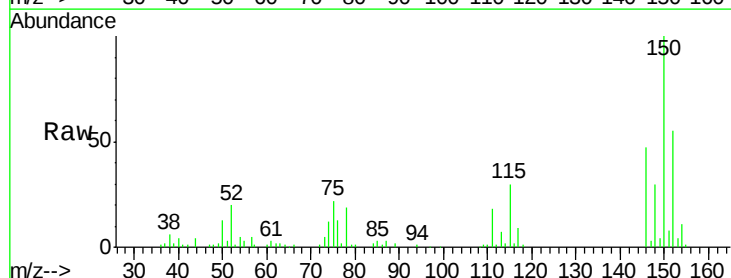
Instrument :  
 MSVOA\_H  
 ClientSampled :  
 VSTDIC010

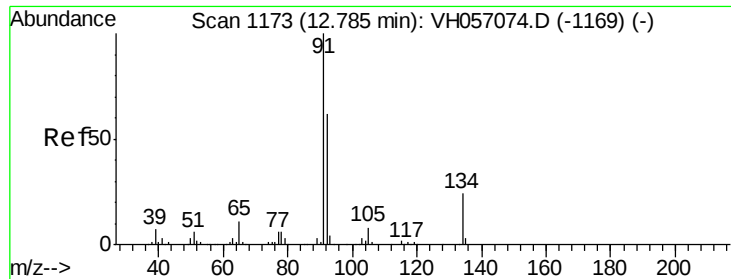
Tgt Ion:146 Resp: 91066  
 Ion Ratio Lower Upper  
 146 100  
 111 46.4 21.0 63.0  
 148 56.6 31.6 94.7



#88  
 1,4-Dichlorobenzene  
 Concen: 10.98 ug/l  
 RT: 12.51 min Scan# 1149  
 Delta R.T. 0.01 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

Tgt Ion:146 Resp: 95150  
 Ion Ratio Lower Upper  
 146 100  
 111 39.0 19.8 59.3  
 148 62.3 30.3 90.9





#89

n-Butylbenzene

Concen: 10.60 ug/l

RT: 12.78 min Scan# 1175

Delta R.T. -0.01 min

Lab File: VH057070.D

Acq: 17 Sep 2015 17:13

Instrument :

MSVOA\_H

ClientSampled :

VSTDIC010

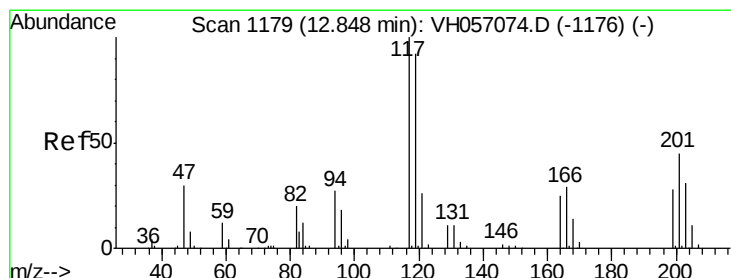
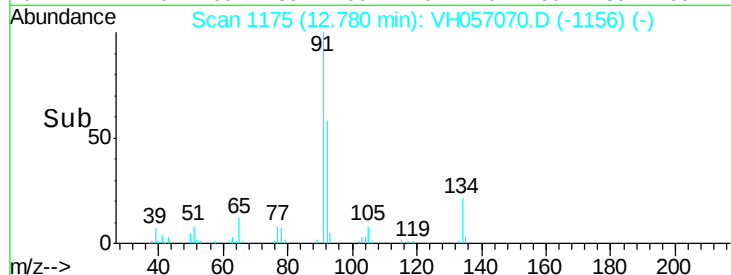
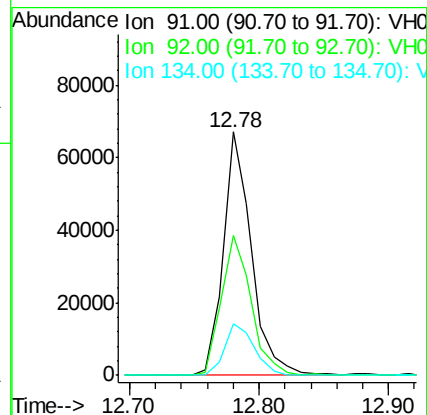
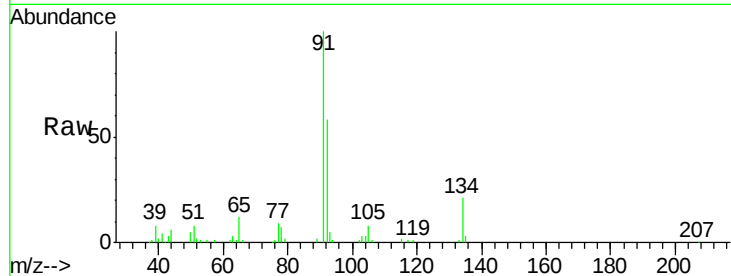
Tgt Ion: 91 Resp: 100825

Ion Ratio Lower Upper

91 100

92 57.6 31.3 93.9

134 21.3 10.5 31.6



#90

Hexachloroethane

Concen: 11.97 ug/l

RT: 12.85 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VH057070.D

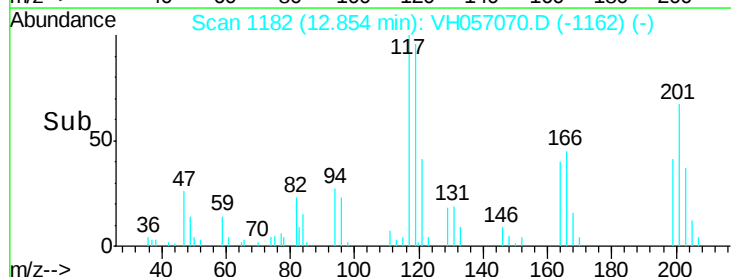
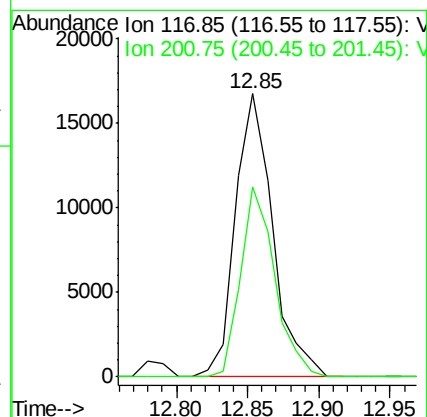
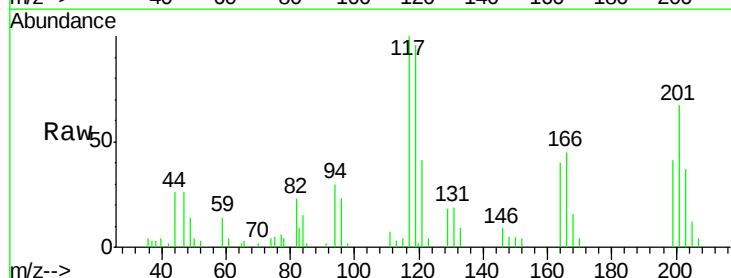
Acq: 17 Sep 2015 17:13

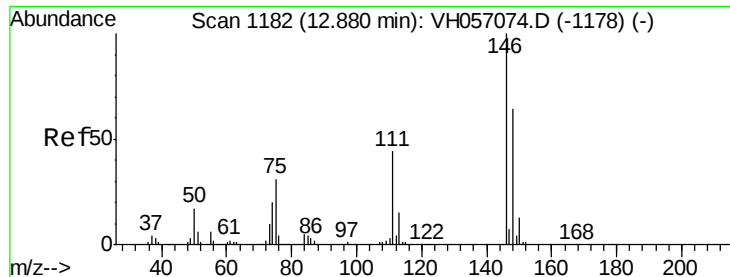
Tgt Ion: 117 Resp: 30940

Ion Ratio Lower Upper

117 100

201 67.0 14.0 80.8

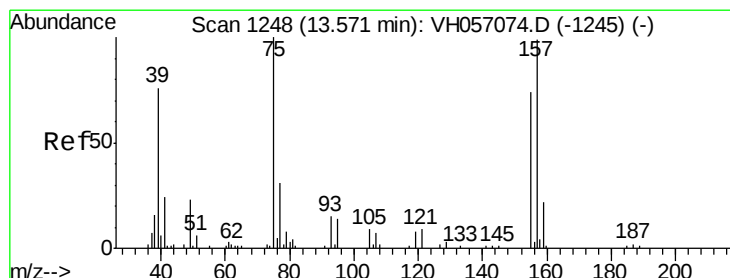
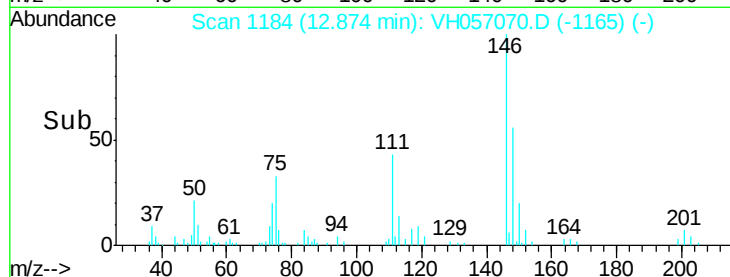
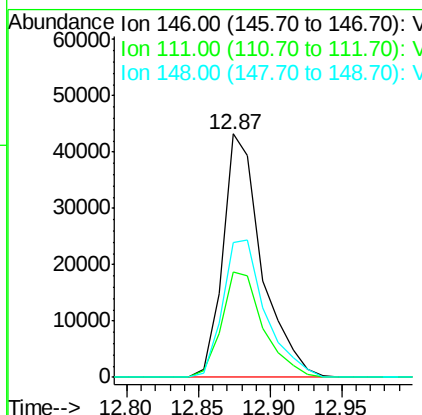
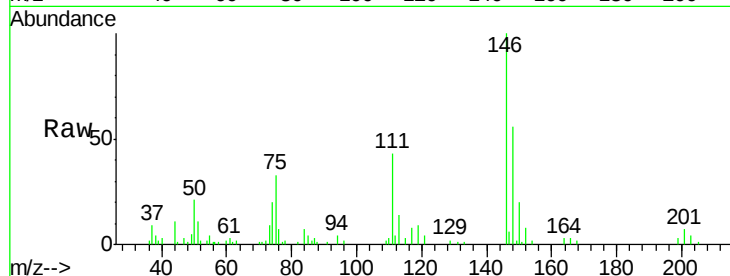




#91  
 1,2-Dichlorobenzene  
 Concen: 11.71 ug/l  
 RT: 12.87 min Scan# 1184  
 Delta R.T. -0.01 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

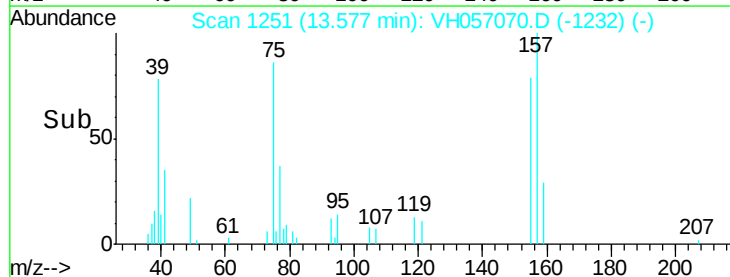
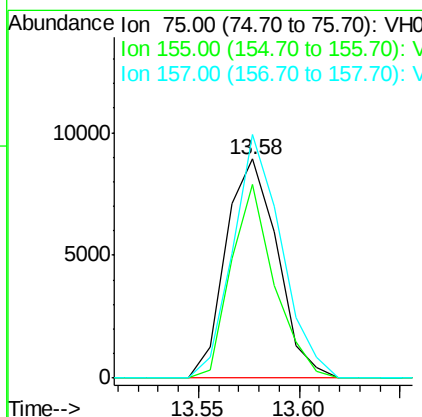
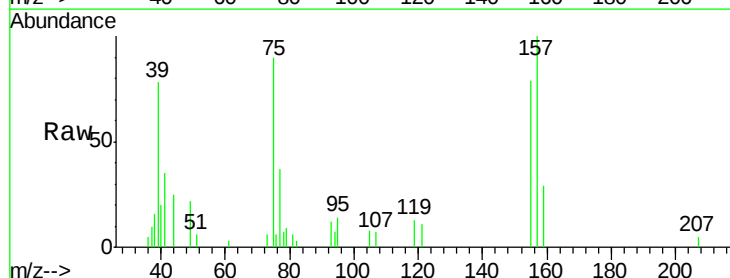
Instrument :  
 MSVOA\_H  
 ClientSampleId :  
 VSTDIC010

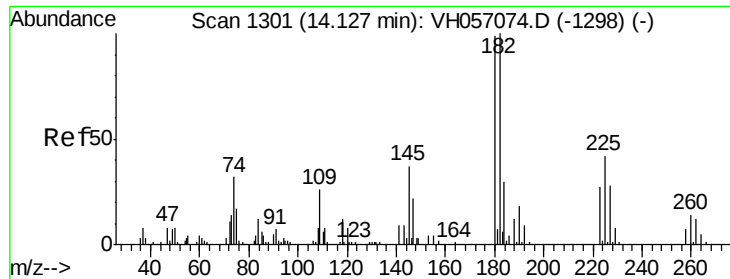
Tgt Ion: 146 Resp: 82923  
 Ion Ratio Lower Upper  
 146 100  
 111 43.4 22.1 66.1  
 148 55.5 31.4 94.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 11.80 ug/l  
 RT: 13.58 min Scan# 1251  
 Delta R.T. 0.01 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

Tgt Ion: 75 Resp: 15804  
 Ion Ratio Lower Upper  
 75 100  
 155 88.3 43.4 130.2  
 157 111.3 62.8 188.4

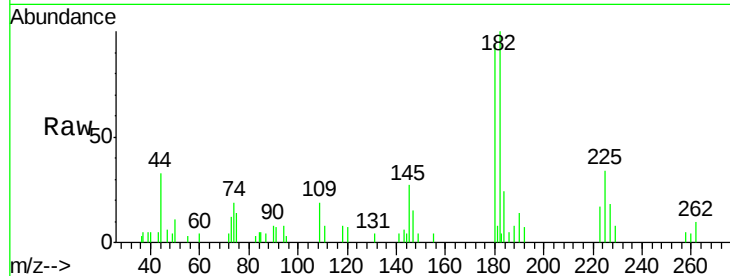




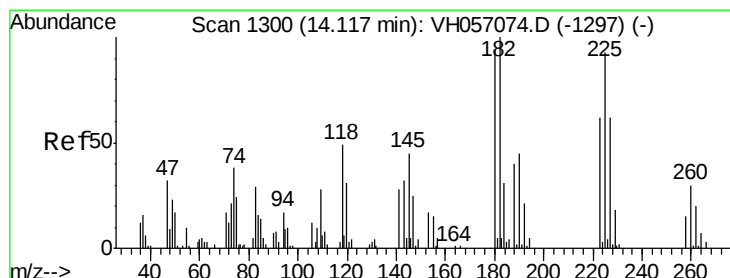
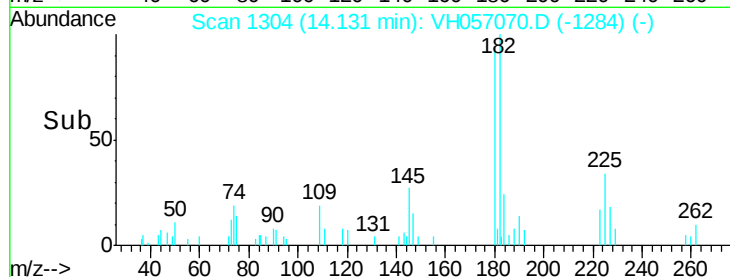
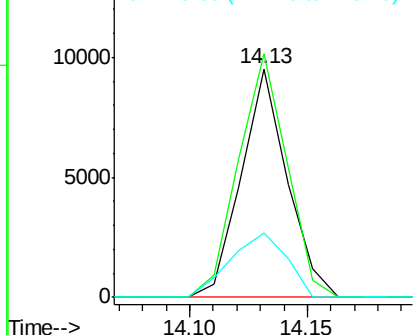
#93  
 1,2,4-Trichlorobenzene  
 Concen: 11.91 ug/l  
 RT: 14.13 min Scan# 1304  
 Delta R.T. 0.00 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

Instrument :  
 MSVOA\_H  
 ClientSampled :  
 VSTDIC010

Tgt Ion:180 Resp: 13048  
 Ion Ratio Lower Upper  
 180 100  
 182 106.5 43.0 129.2  
 145 28.4 17.3 52.0

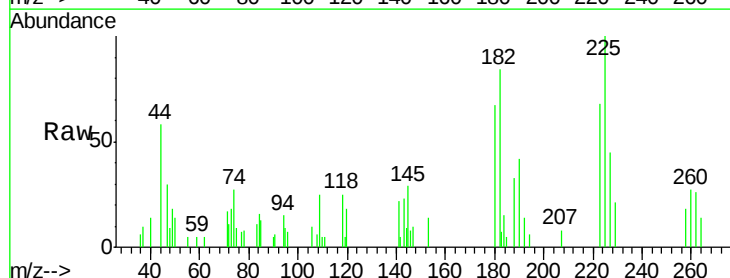


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 145.00 (144.70 to 145.70): V

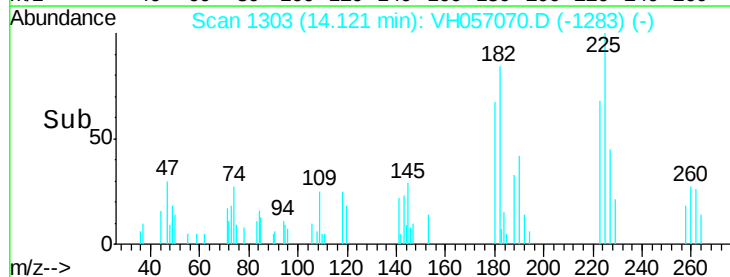
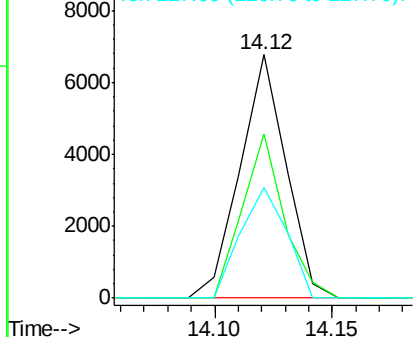


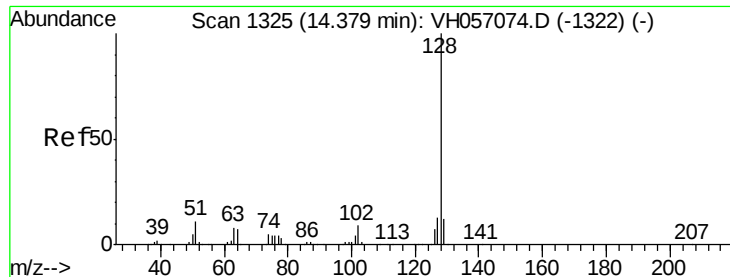
#94  
 Hexachlorobutadiene  
 Concen: 14.38 ug/l  
 RT: 14.12 min Scan# 1303  
 Delta R.T. 0.00 min  
 Lab File: VH057070.D  
 Acq: 17 Sep 2015 17:13

Tgt Ion:225 Resp: 9232  
 Ion Ratio Lower Upper  
 225 100  
 223 67.7 30.3 90.8  
 227 45.2 30.5 91.5



Abundance Ion 225.00 (224.70 to 225.70): V  
 Ion 223.00 (222.70 to 223.70): V  
 Ion 227.00 (226.70 to 227.70): V

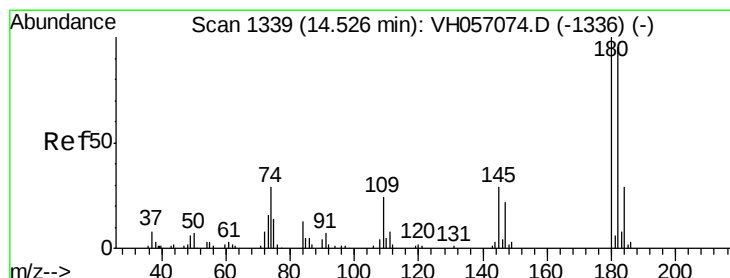
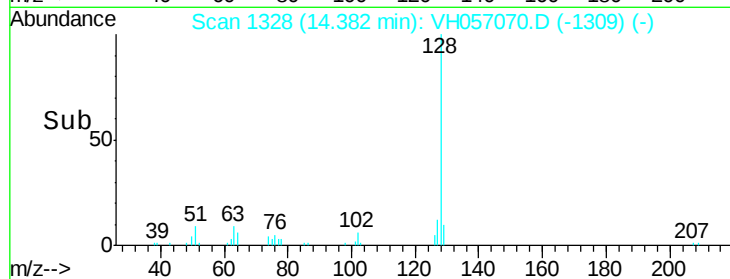
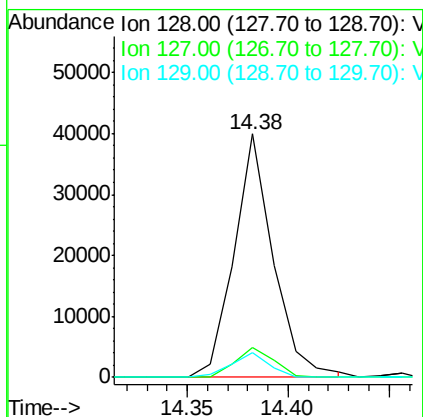
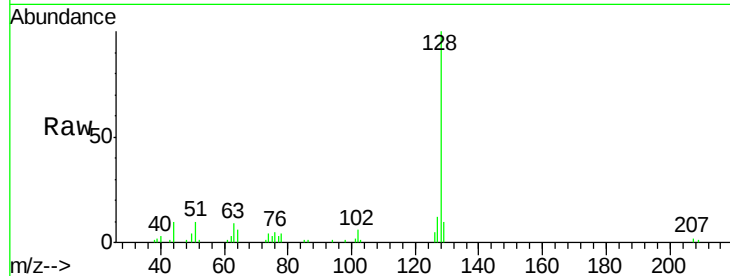




#95  
Naphthalene  
Concen: 10.36 ug/l  
RT: 14.38 min Scan# 1328  
Delta R.T. 0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

Instrument :  
MSVOA\_H  
ClientSampled :  
VSTDIC010

Tgt Ion:128 Resp: 54090  
Ion Ratio Lower Upper  
128 100  
127 12.5 9.6 14.4  
129 10.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 10.86 ug/l  
RT: 14.53 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VH057070.D  
Acq: 17 Sep 2015 17:13

Tgt Ion:180 Resp: 7963  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.1 141.3  
145 37.8 12.5 37.5#

