

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032719\NOT REVIEWED DATA\VD032719\  
 Data File : VD061CC.D  
 Acq On : 27 Mar 2019 11:16  
 Operator : VA/AP  
 Sample : VSTDIC005  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Mar 28 04:07:16 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 28 02:13:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.02  | 168  | 729221   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.19  | 114  | 1230941  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.35 | 117  | 1019604  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.50 | 152  | 445084   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.43  | 65   | 36715    | 5.89 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 11.78% |          |
| 35) Dibromofluoromethane    | 6.90  | 113  | 53571    | 5.69 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 11.38% |          |
| 50) Toluene-d8              | 10.38 | 98   | 136474   | 6.05 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 12.10% |          |
| 62) 4-Bromofluorobenzene    | 13.54 | 95   | 52237    | 6.04 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 12.08% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.59 | 85   | 51134    | 6.566  | ug/l   | 96     |
| 3) Chloromethane              | 1.76 | 50   | 39324    | 6.191  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.85 | 62   | 34132    | 5.853  | ug/l   | 100    |
| 5) Bromomethane               | 2.16 | 94   | 9089     | 7.860  | ug/l # | 92     |
| 6) Chloroethane               | 2.27 | 64   | 10474    | 6.125  | ug/l # | 85     |
| 7) Trichlorofluoromethane     | 2.53 | 101  | 53754    | 6.339  | ug/l   | 92     |
| 8) Diethyl Ether              | 2.87 | 74   | 16308    | 5.973  | ug/l   | 88     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101  | 50924    | 5.586  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.30 | 142  | 49145    | 6.766  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 4.05 | 59   | 10721    | 27.636 | ug/l # | 76     |
| 12) 1,1-Dichloroethene        | 3.12 | 96   | 43426    | 5.548  | ug/l   | 97     |
| 13) Acrolein                  | 3.03 | 56   | 8715     | 7.234  | ug/l   | 97     |
| 14) Allyl chloride            | 3.62 | 41   | 66160    | 6.060  | ug/l   | 94     |
| 15) Acrylonitrile             | 4.19 | 53   | 43708    | 32.461 | ug/l   | 94     |
| 16) Acetone                   | 3.21 | 43   | 46565    | 29.079 | ug/l   | 97     |
| 17) Carbon Disulfide          | 3.37 | 76   | 152749   | 6.006  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.64 | 43   | 24616    | 7.311  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 4.22 | 73   | 81006    | 5.979  | ug/l   | 100    |
| 20) Methylene Chloride        | 3.80 | 84   | 75263    | 6.728  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96   | 54315    | 6.427  | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.09 | 45   | 143256   | 6.201  | ug/l   | 94     |
| 23) Vinyl Acetate             | 5.03 | 43   | 354618   | 28.259 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 4.97 | 63   | 78076    | 5.751  | ug/l   | 98     |
| 25) 2-Butanone                | 6.05 | 43   | 56452    | 28.025 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 5.99 | 77   | 65017    | 6.024  | ug/l   | 94     |
| 27) cis-1,2-Dichloroethene    | 6.02 | 96   | 54508    | 5.887  | ug/l   | 93     |
| 28) Bromochloromethane        | 6.41 | 49   | 29244    | 5.336  | ug/l   | 95     |
| 29) Tetrahydrofuran           | 6.43 | 42   | 31615    | 32.381 | ug/l   | 93     |
| 30) Chloroform                | 6.64 | 83   | 83457    | 5.949  | ug/l   | 100    |
| 31) Cyclohexane               | 6.93 | 56   | 67623    | 6.303  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 6.85 | 97   | 74449    | 6.015  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 7.12 | 75   | 69203    | 6.442  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.17 | 43   | 28592    | 6.223  | ug/l # | 95     |
| 38) Carbon Tetrachloride      | 7.09 | 117  | 76855    | 6.283  | ug/l   | 93     |

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 Data File : VD061CC.D  
 Acq On : 27 Mar 2019 11:16  
 Operator : VA/AP  
 Sample : VSTDIC005  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Mar 28 04:07:16 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 28 02:13:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.84  | 83   | 66089    | 5.907   | ug/l   | 95       |
| 40) Benzene                    | 7.44  | 78   | 165205   | 6.127   | ug/l   | 95       |
| 41) Methacrylonitrile          | 6.42  | 41   | 33352    | 6.208   | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 7.55  | 62   | 48711    | 6.040   | ug/l   | 97       |
| 43) Isopropyl Acetate          | 9.22  | 43   | 39664    | 5.933   | ug/l   | 98       |
| 44) Trichloroethene            | 8.52  | 130  | 55794    | 5.560   | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 8.91  | 63   | 40609    | 5.940   | ug/l   | 97       |
| 46) Dibromomethane             | 9.04  | 93   | 26566    | 5.773   | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.35  | 83   | 59861    | 5.796   | ug/l # | 94       |
| 48) Methyl methacrylate        | 9.10  | 41   | 23030    | 6.242   | ug/l # | 94       |
| 49) 1,4-Dioxane                | 9.05  | 88   | 4655     | 114.389 | ug/l # | 74       |
| 51) 4-Methyl-2-Pentanone       | 10.27 | 43   | 127428   | 31.331  | ug/l   | 95       |
| 52) Toluene                    | 10.49 | 92   | 98863    | 6.010   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.89 | 75   | 53059    | 5.654   | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 10.02 | 75   | 69322    | 6.067   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 11.17 | 97   | 33891    | 5.891   | ug/l   | 93       |
| 56) Ethyl methacrylate         | 11.02 | 69   | 36307    | 5.875   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 11.38 | 76   | 44884    | 5.308   | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether  | 9.83  | 63   | 90022    | 29.912  | ug/l   | 99       |
| 59) 2-Hexanone                 | 11.51 | 43   | 87690    | 29.758  | ug/l   | 92       |
| 60) Dibromochloromethane       | 11.66 | 129  | 51876    | 5.850   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.78 | 107  | 39533    | 5.935   | ug/l   | 95       |
| 64) Tetrachloroethene          | 11.24 | 164  | 46480    | 5.808   | ug/l   | 95       |
| 65) Chlorobenzene              | 12.38 | 112  | 122964   | 5.901   | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.50 | 131  | 45160    | 5.597   | ug/l   | 96       |
| 67) Ethyl Benzene              | 12.51 | 91   | 201350   | 6.331   | ug/l   | 100      |
| 68) m/p-Xylenes                | 12.65 | 106  | 154211   | 12.800  | ug/l   | 98       |
| 69) o-Xylene                   | 13.03 | 106  | 72378    | 6.191   | ug/l   | 93       |
| 70) Styrene                    | 13.06 | 104  | 125435   | 6.155   | ug/l   | 98       |
| 71) Bromoform                  | 13.21 | 173  | 27830    | 5.442   | ug/l   | 97       |
| 73) Isopropylbenzene           | 13.38 | 105  | 186645   | 6.025   | ug/l   | 99       |
| 74) N-amyl acetate             | 13.24 | 43   | 45437    | 5.265   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.69 | 83   | 36762    | 5.626   | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane     | 13.72 | 75   | 38723    | 6.023   | ug/l   | 98       |
| 77) Bromobenzene               | 13.65 | 156  | 53730    | 5.851   | ug/l   | 98       |
| 78) n-propylbenzene            | 13.76 | 91   | 248429   | 6.553   | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 13.83 | 91   | 126716   | 6.156   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 14.22 | 105  | 159757   | 6.140   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 13.46 | 75   | 11008    | 5.615   | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 13.93 | 91   | 143936   | 6.431   | ug/l   | 97       |
| 83) tert-Butylbenzene          | 14.17 | 119  | 176349   | 5.871   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 14.22 | 105  | 159757   | 6.140   | ug/l   | 97       |
| 85) sec-Butylbenzene           | 14.35 | 105  | 179274   | 5.618   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 14.47 | 119  | 177744   | 6.587   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 92197    | 5.929   | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene        | 14.52 | 146  | 99427    | 6.556   | ug/l   | 96       |
| 89) n-Butylbenzene             | 14.78 | 91   | 161762   | 6.532   | ug/l   | 97       |
| 90) Hexachloroethane           | 15.00 | 117  | 43220    | 5.670   | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene        | 14.79 | 146  | 77813    | 6.100   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 3985     | 5.200   | ug/l # | 50       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032719\NOT REVIEWED DATA\VD032719\  
Data File : VD061CC.D  
Acq On : 27 Mar 2019 11:16  
Operator : VA/AP  
Sample : VSTDICC005  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

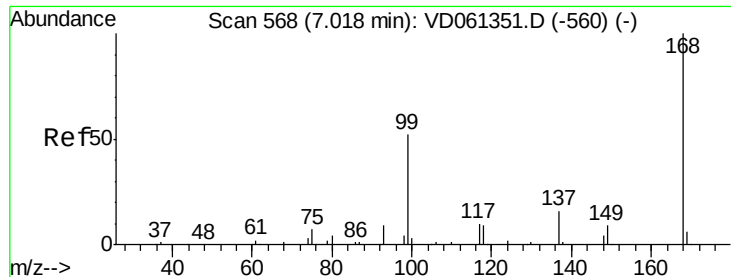
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Mar 28 04:07:16 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 28 02:13:53 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.93 | 180  | 36583    | 6.296 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 16.02 | 225  | 28447    | 6.265 | ug/l  | 99       |
| 95) Naphthalene            | 16.11 | 128  | 64986    | 7.337 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 16.26 | 180  | 18896    | 7.390 | ug/l  | 93       |

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

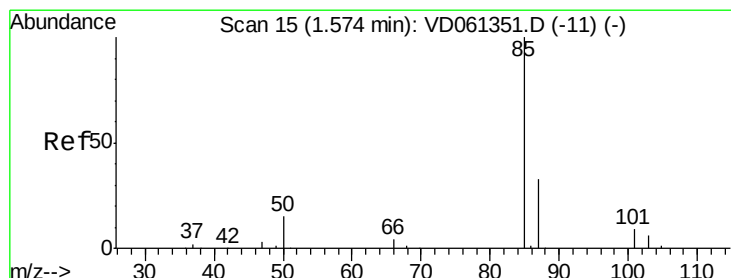
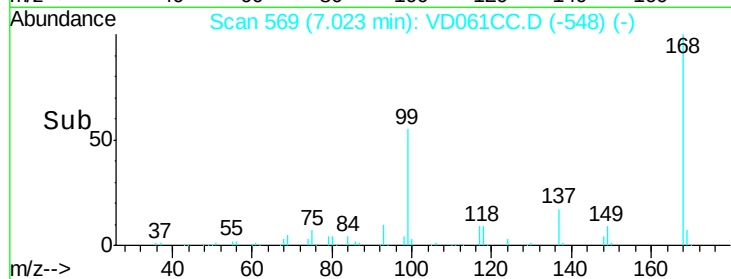
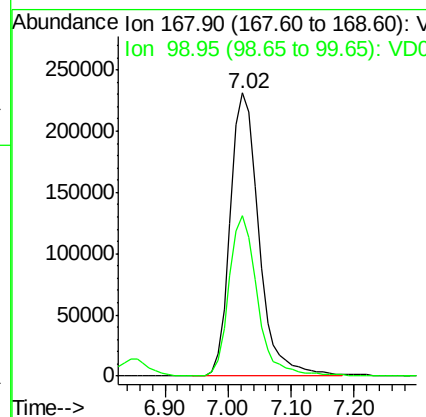
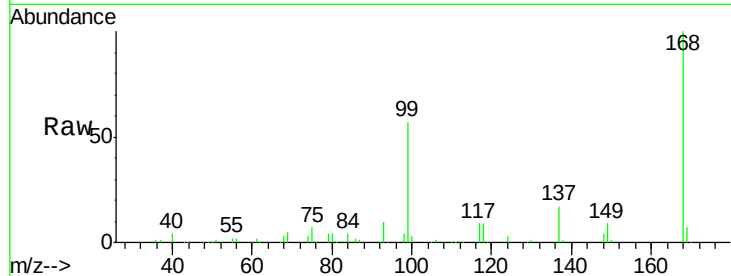




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.02 min Scan# 569  
Delta R.T. 0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

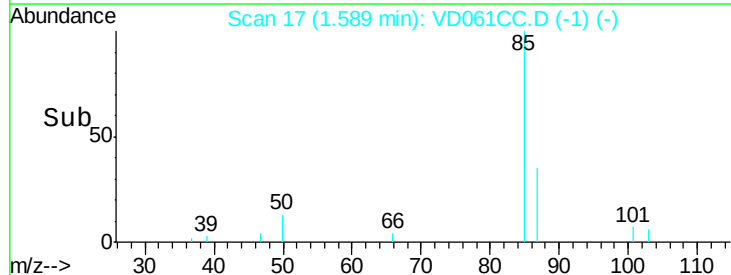
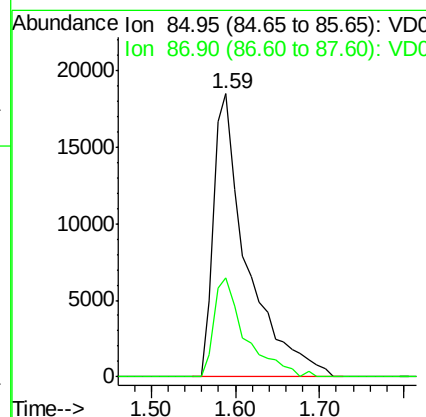
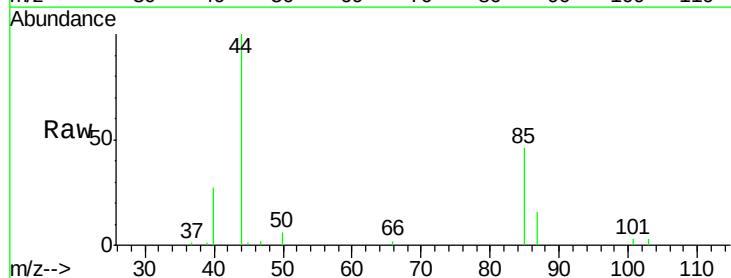
Instrument :  
MSVOA\_D  
ClientSampleId :

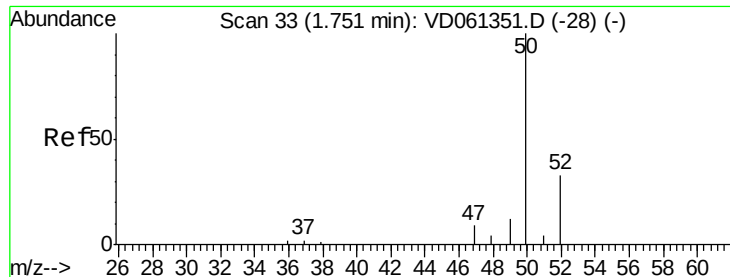
Tot Ion:168 Resp: 729221  
Ion Ratio Lower Upper  
168 100  
99 56.5 43.1 64.7



#2  
Dichlorodifluoromethane  
Concen: 6.566 ug/l  
RT: 1.59 min Scan# 17  
Delta R.T. 0.01 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion: 85 Resp: 51134  
Ion Ratio Lower Upper  
85 100  
87 35.2 16.6 49.7

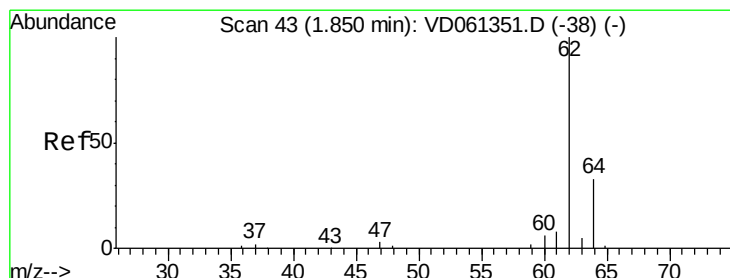
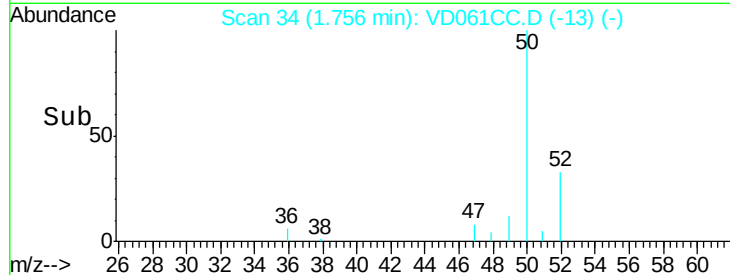
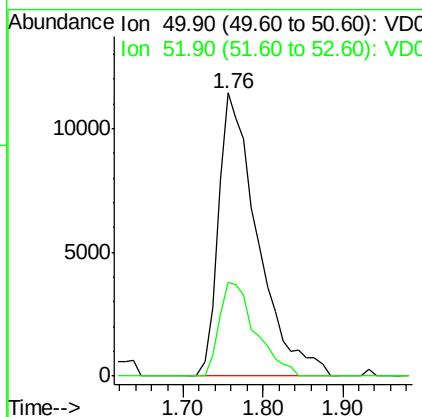
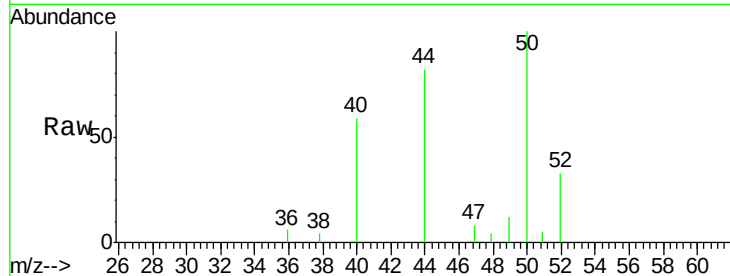




#3  
 Chloromethane  
 Concen: 6.191 ug/l  
 RT: 1.76 min Scan# 34  
 Delta R.T. 0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

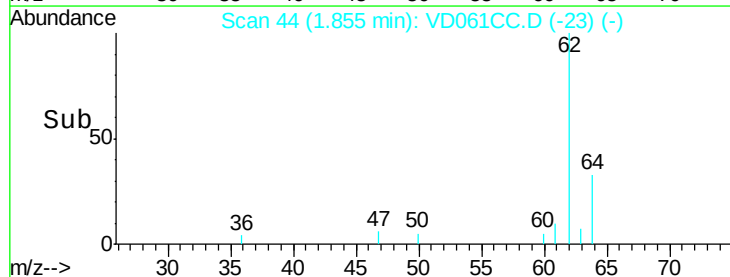
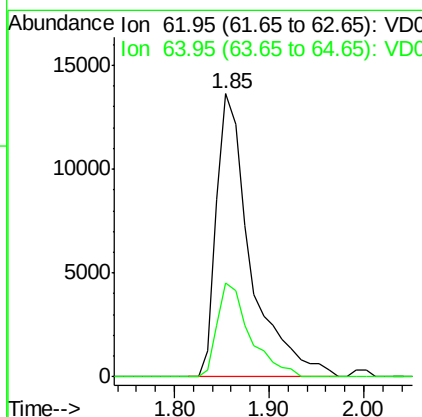
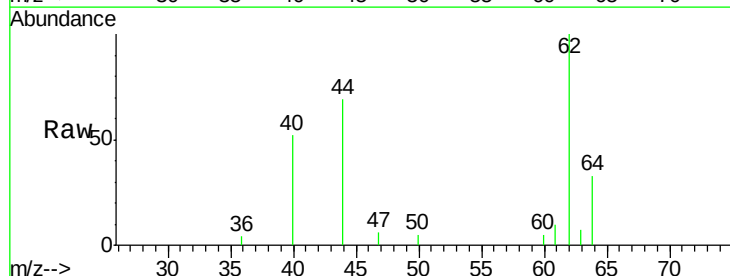
Instrument :  
 MSVOA\_D  
 ClientSampleId :

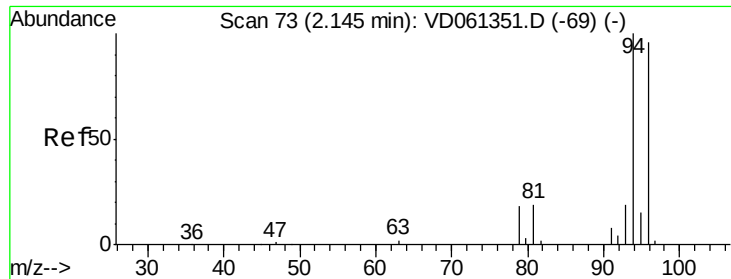
Tot Ion: 50 Resp: 39324  
 Ion Ratio Lower Upper  
 50 100  
 52 33.3 26.1 39.1



#4  
 Vinyl Chloride  
 Concen: 5.853 ug/l  
 RT: 1.85 min Scan# 44  
 Delta R.T. 0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

Tgt Ion: 62 Resp: 34132  
 Ion Ratio Lower Upper  
 62 100  
 64 33.1 26.6 39.8

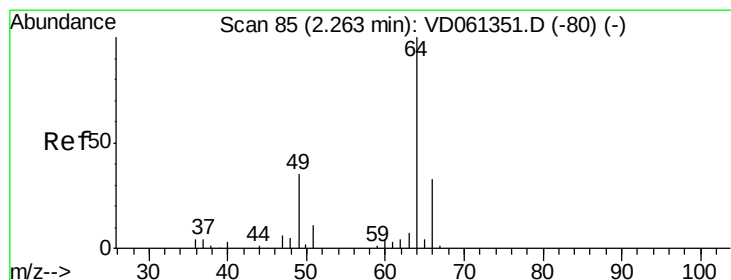
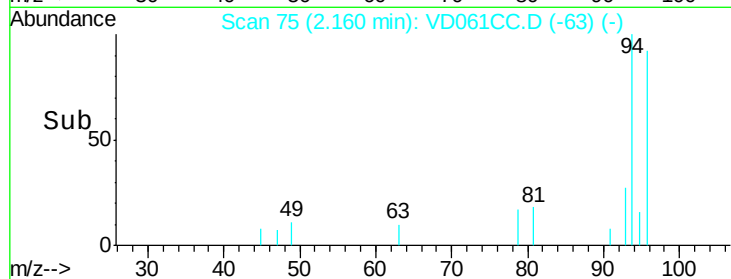
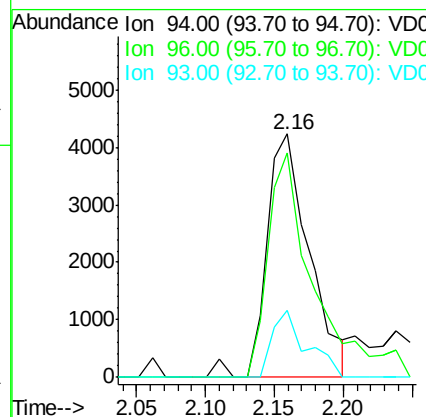
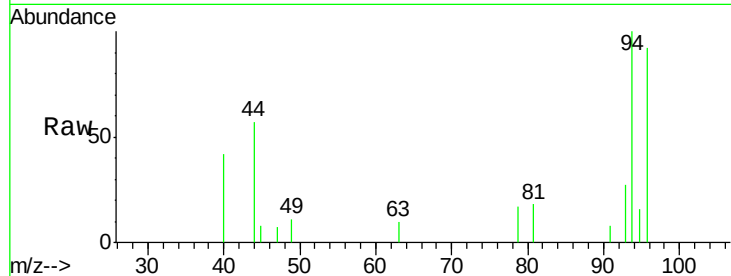




#5  
 Bromomethane  
 Concen: 7.860 ug/l  
 RT: 2.16 min Scan# 75  
 Delta R.T. 0.01 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

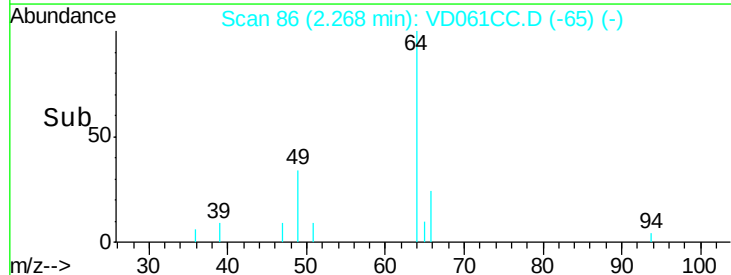
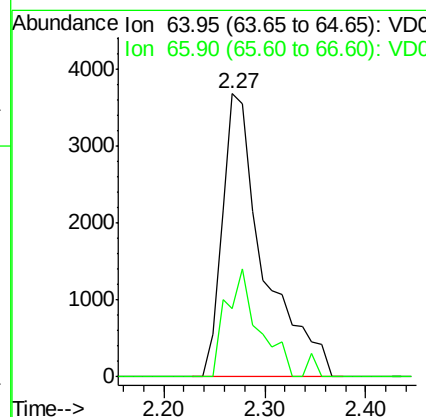
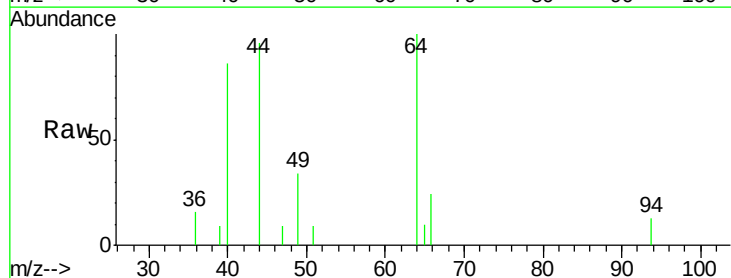
Instrument :  
 MSVOA\_D  
 ClientSampleId :

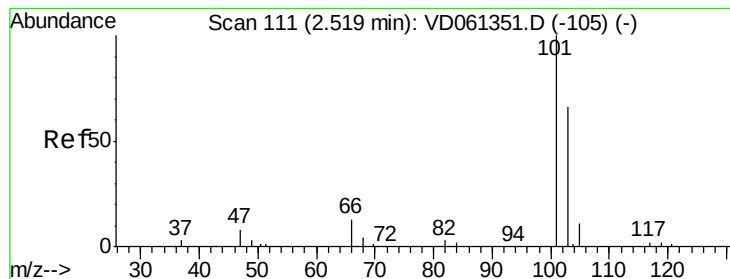
Tot Ion: 94 Resp: 9089  
 Ion Ratio Lower Upper  
 94 100  
 96 92.0 78.3 117.5  
 93 27.3 15.6 23.4#



#6  
 Chloroethane  
 Concen: 6.125 ug/l  
 RT: 2.27 min Scan# 86  
 Delta R.T. 0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

Tgt Ion: 64 Resp: 10474  
 Ion Ratio Lower Upper  
 64 100  
 66 24.0 26.2 39.2#



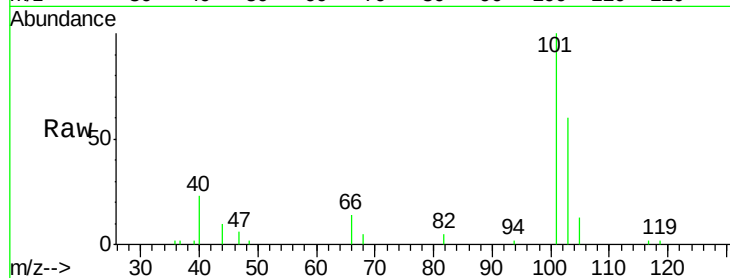


#7

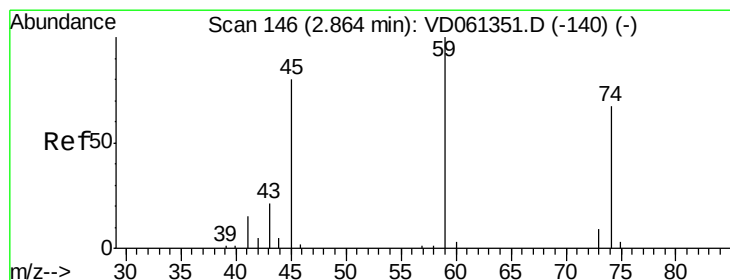
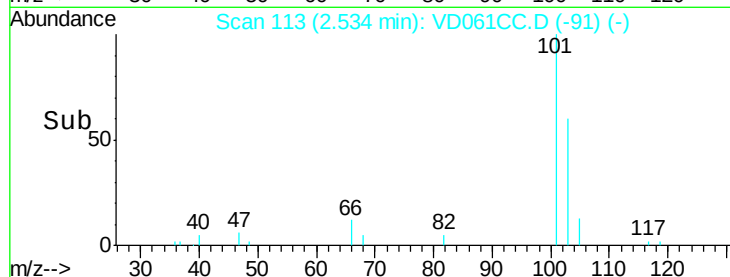
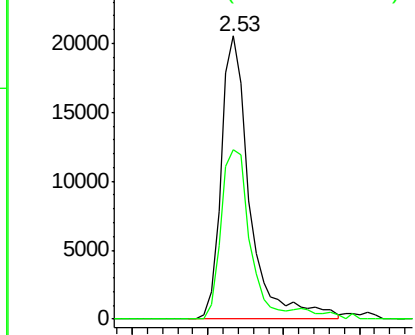
Trichlorofluoromethane  
 Concen: 6.339 ug/l  
 RT: 2.53 min Scan# 113  
 Delta R.T. 0.01 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:101 Resp: 53754  
 Ion Ratio Lower Upper  
 101 100  
 103 59.9 53.1 79.7



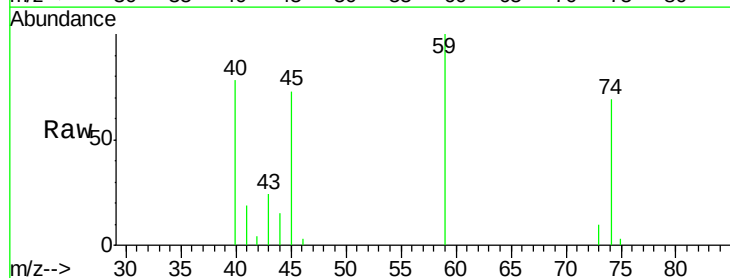
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



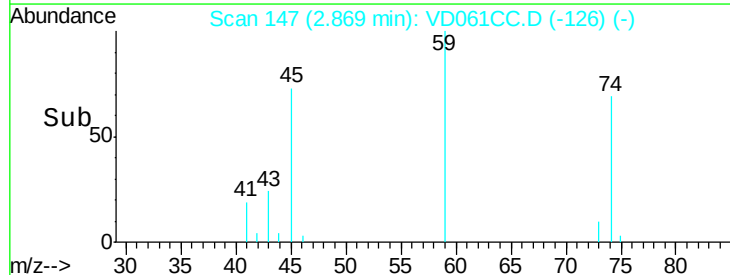
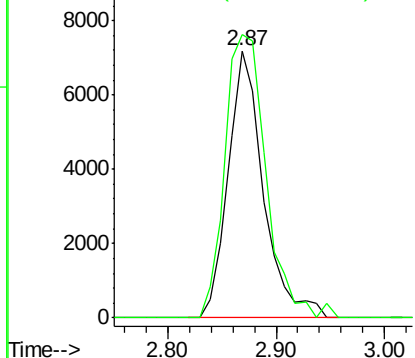
#8

Diethyl Ether  
 Concen: 5.973 ug/l  
 RT: 2.87 min Scan# 147  
 Delta R.T. 0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

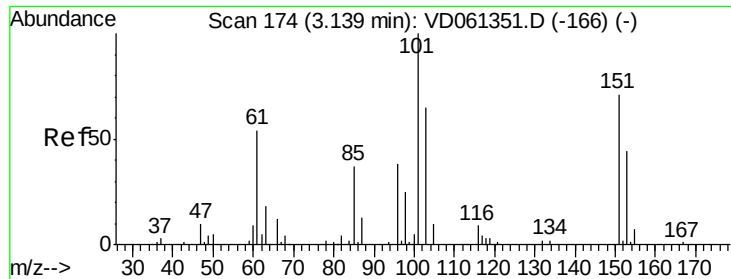
Tgt Ion: 74 Resp: 16308  
 Ion Ratio Lower Upper  
 74 100  
 45 105.9 59.7 179.1



Abundance Ion 74.00 (73.70 to 74.70): VDC  
 Ion 45.05 (44.75 to 45.75): VDC







#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.586 ug/l

RT: 3.14 min Scan# 175

Delta R.T. 0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

ClientSampleId :

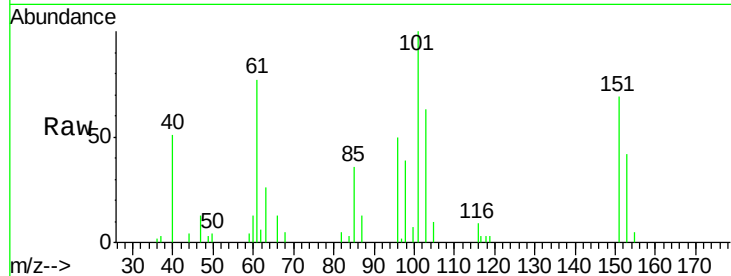
Tot Ion:101 Resp: 50924

Ion Ratio Lower Upper

101 100

85 35.7 29.4 44.0

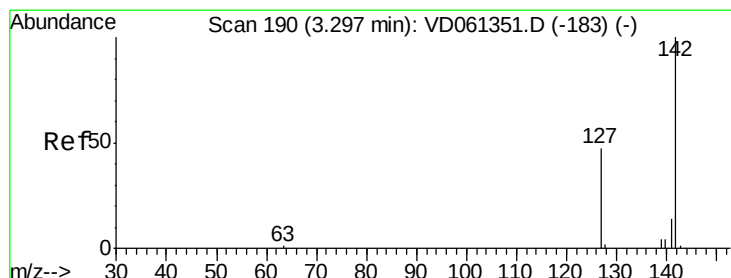
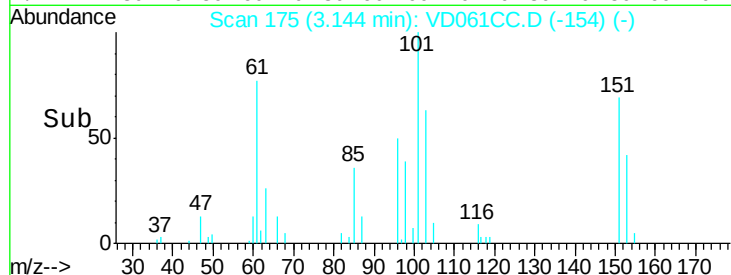
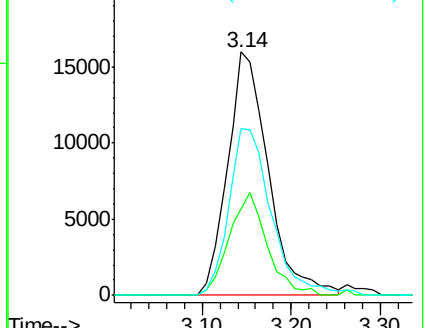
151 68.5 57.0 85.4



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 6.766 ug/l

RT: 3.30 min Scan# 191

Delta R.T. 0.01 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

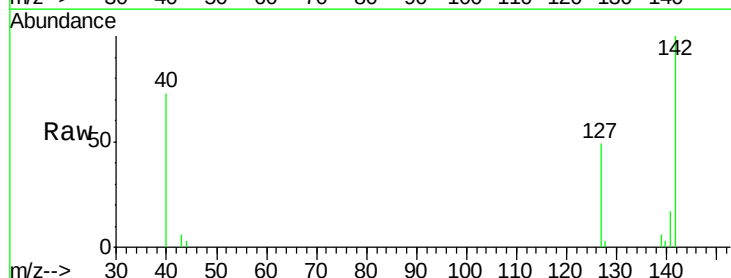
Tgt Ion:142 Resp: 49145

Ion Ratio Lower Upper

142 100

127 48.7 37.7 56.5

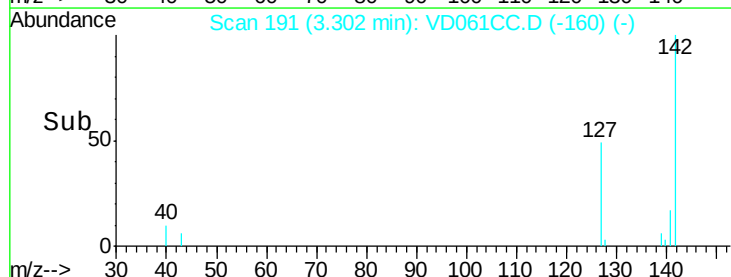
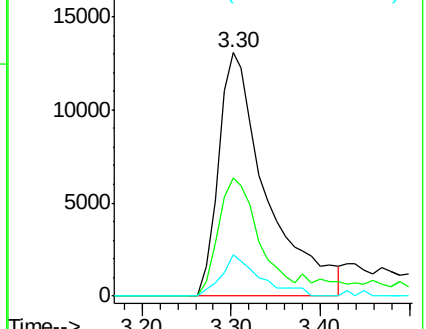
141 17.1 11.5 17.3

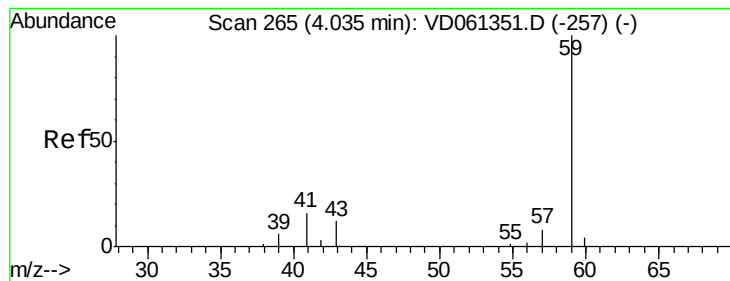


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 27.636 ug/l

RT: 4.05 min Scan# 267

Delta R.T. 0.01 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

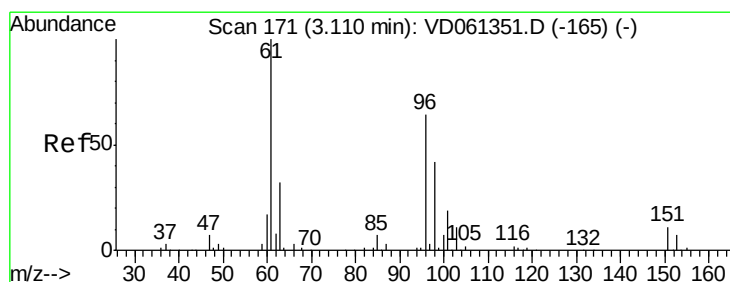
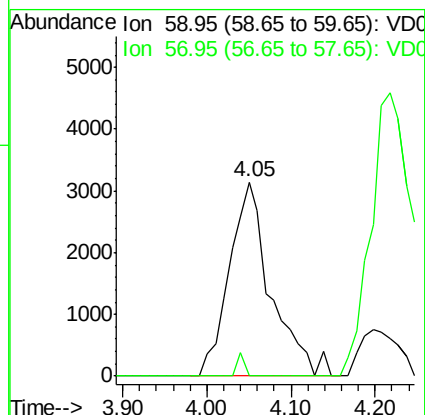
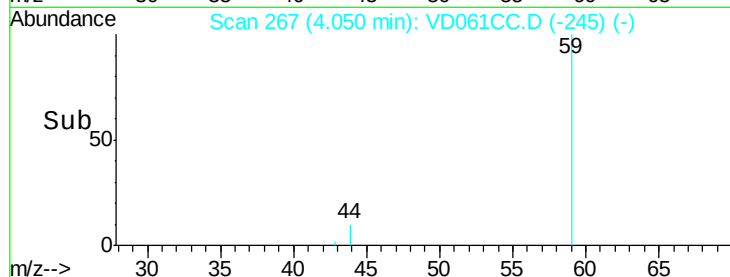
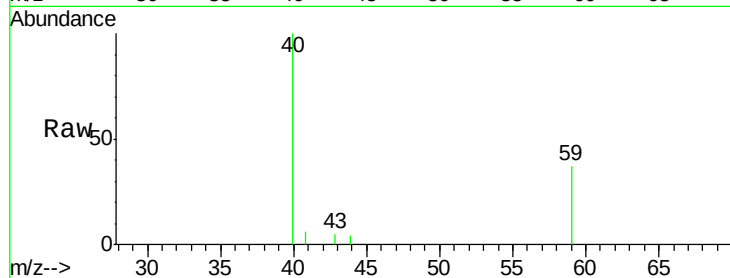
ClientSampleId :

Tot Ion: 59 Resp: 10721

Ion Ratio Lower Upper

59 100

57 0.0 6.7 10.1#



#12

1,1-Dichloroethene

Concen: 5.548 ug/l

RT: 3.12 min Scan# 173

Delta R.T. 0.01 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

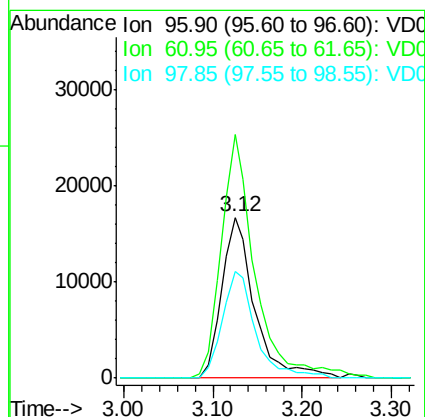
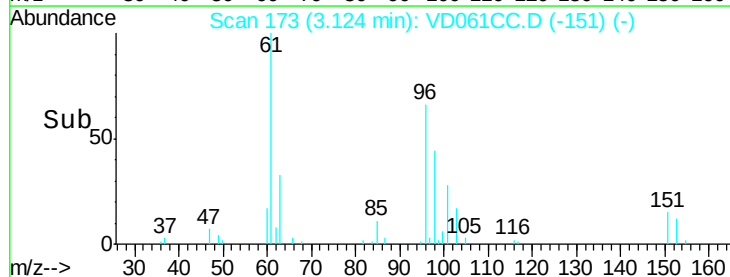
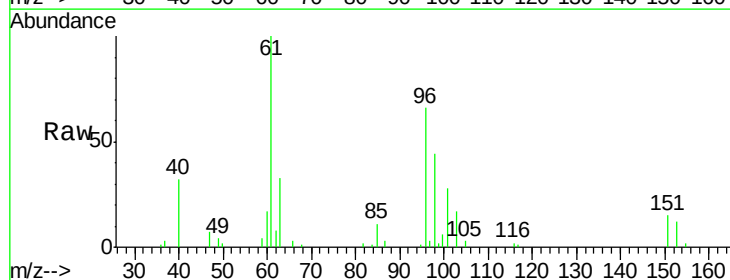
Tgt Ion: 96 Resp: 43426

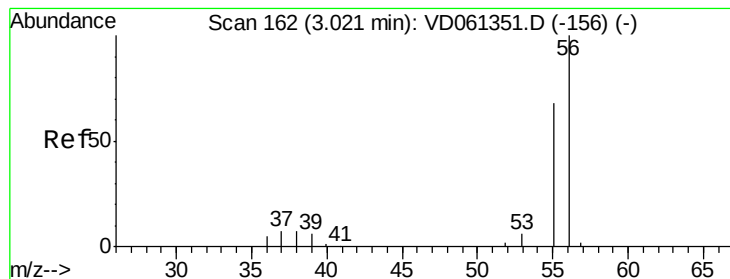
Ion Ratio Lower Upper

96 100

61 151.3 124.9 187.3

98 66.3 52.5 78.7





#13

Acrolein

Concen: 7.234 ug/l

RT: 3.03 min Scan# 163

Delta R.T. 0.01 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

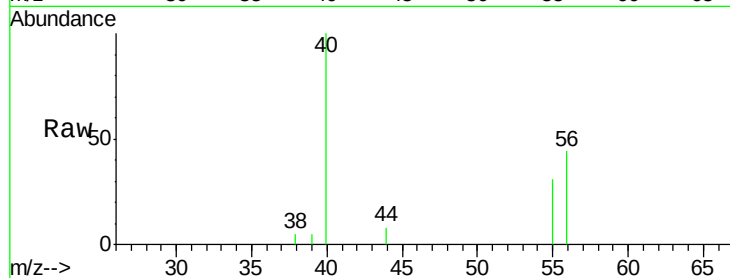
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 56 Resp: 8715

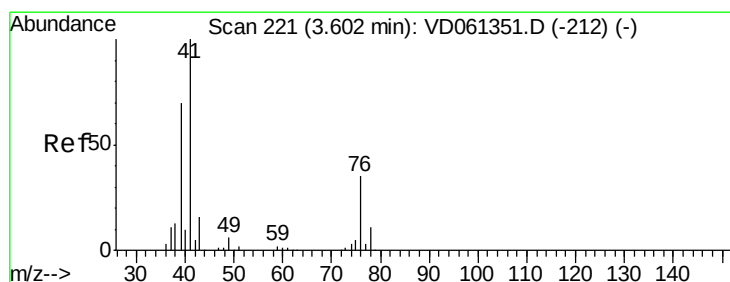
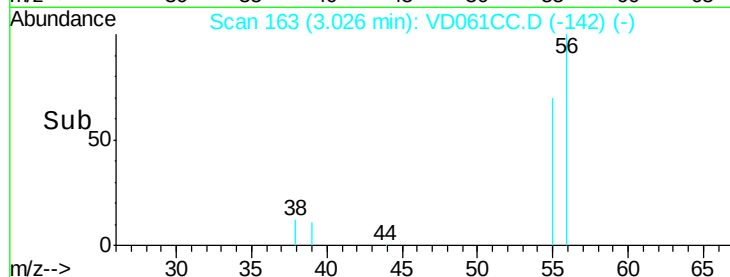
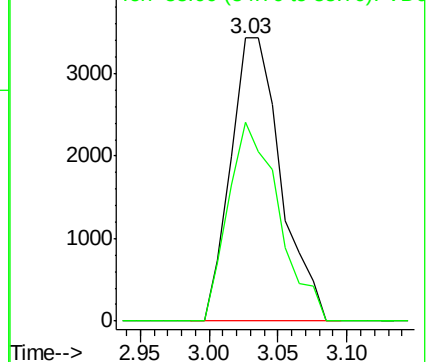
Ion Ratio Lower Upper

56 100

55 70.4 54.6 82.0



Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 6.060 ug/l

RT: 3.62 min Scan# 223

Delta R.T. 0.01 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

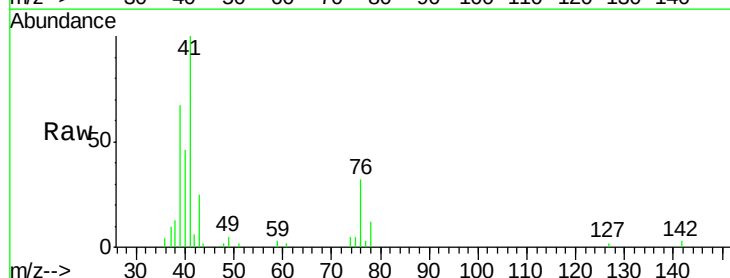
Tgt Ion: 41 Resp: 66160

Ion Ratio Lower Upper

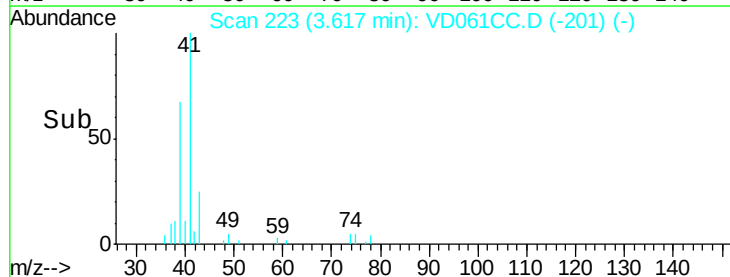
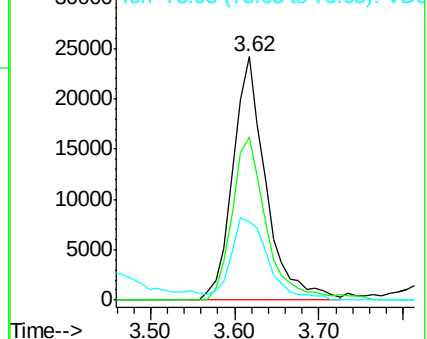
41 100

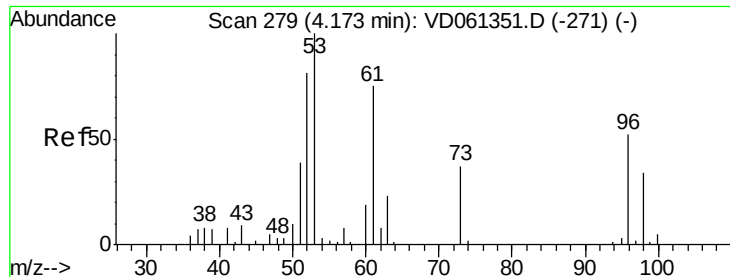
39 66.9 55.6 83.4

76 32.3 31.0 46.6



Abundance Ion 41.05 (40.75 to 41.75): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 32.461 ug/l

RT: 4.19 min Scan# 281

Delta R.T. 0.01 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

ClientSampled :

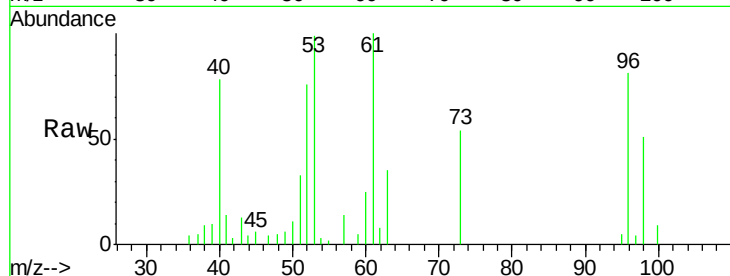
Tot Ion: 53 Resp: 43708

Ion Ratio Lower Upper

53 100

52 77.5 64.8 97.2

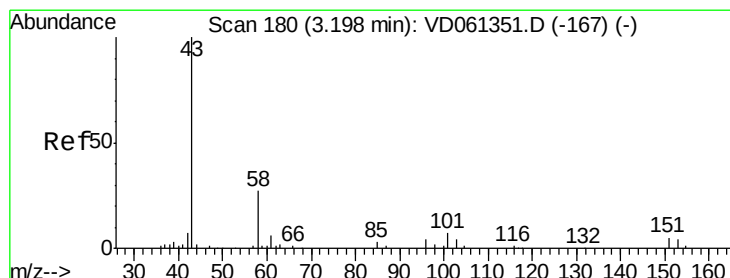
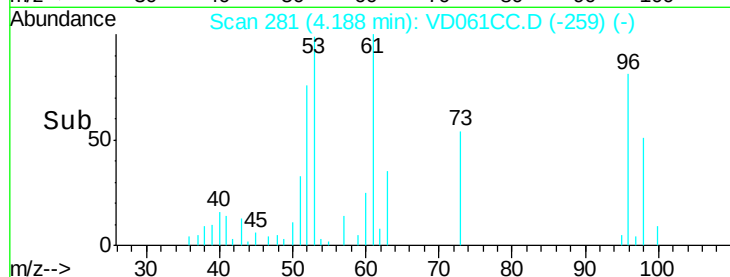
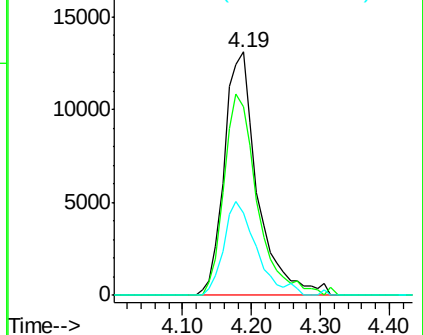
51 33.6 31.4 47.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 29.079 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061CC.D

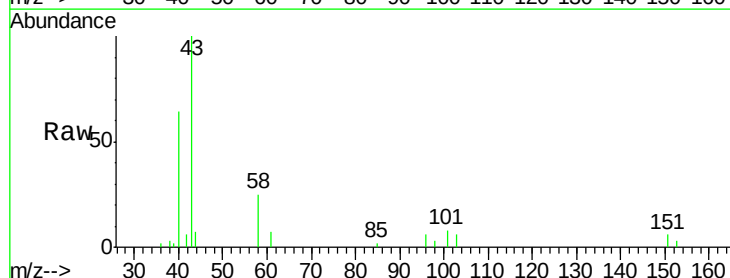
Acq: 27 Mar 2019 11:16

Tgt Ion: 43 Resp: 46565

Ion Ratio Lower Upper

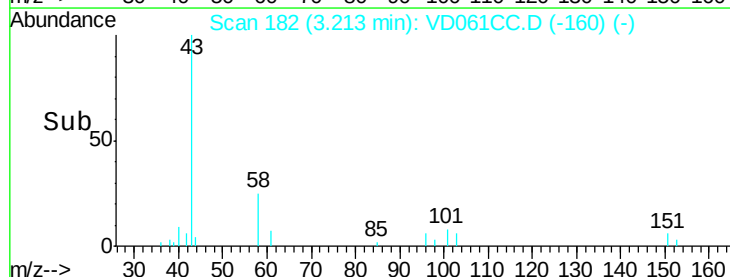
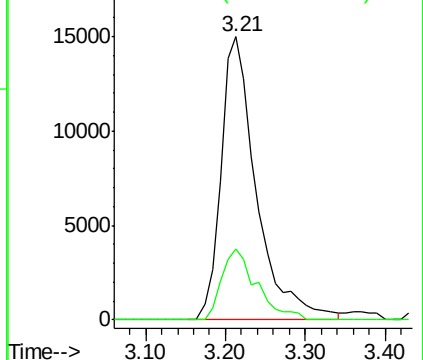
43 100

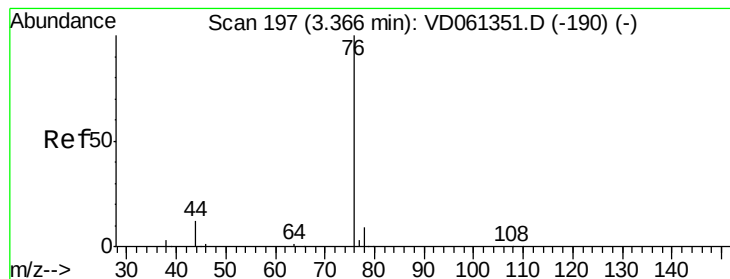
58 25.2 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 6.006 ug/l

RT: 3.37 min Scan# 198

Delta R.T. 0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

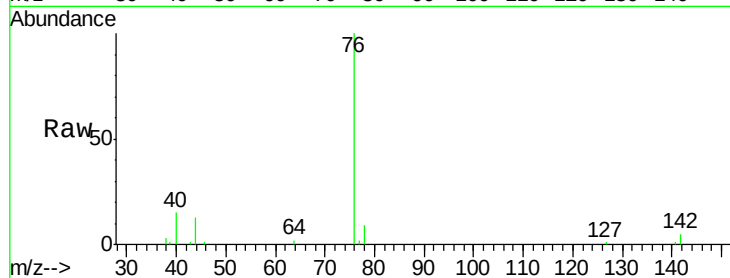
ClientSampled :

Tot Ion: 76 Resp: 152749

Ion Ratio Lower Upper

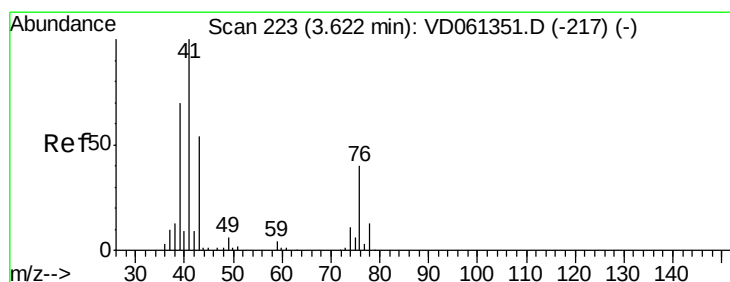
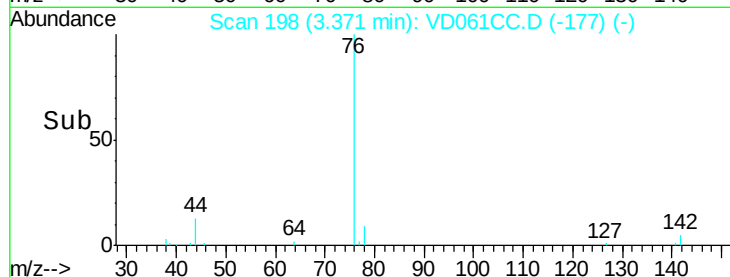
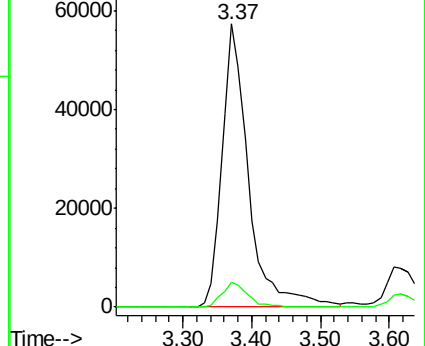
76 100

78 8.7 7.1 10.7



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 7.311 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD061CC.D

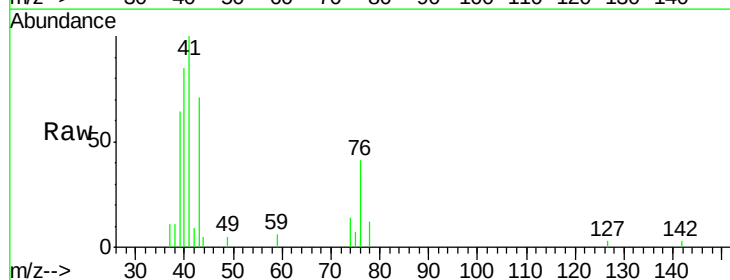
Acq: 27 Mar 2019 11:16

Tgt Ion: 43 Resp: 24616

Ion Ratio Lower Upper

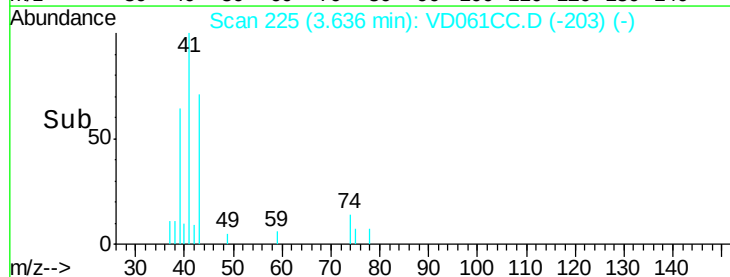
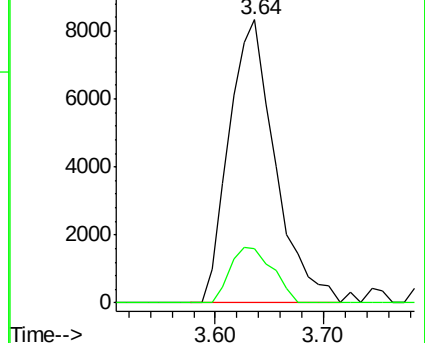
43 100

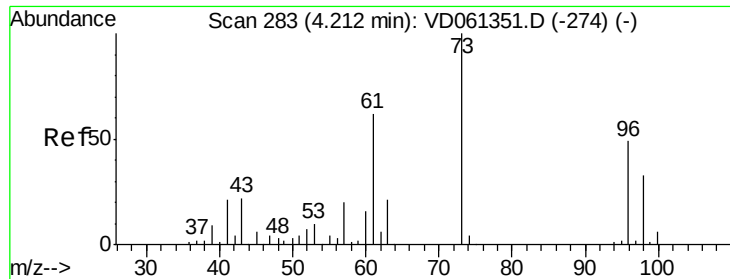
74 19.3 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

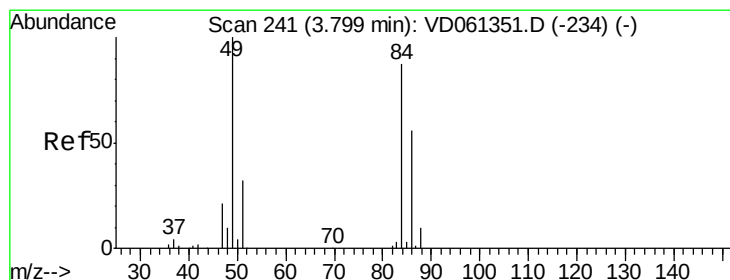
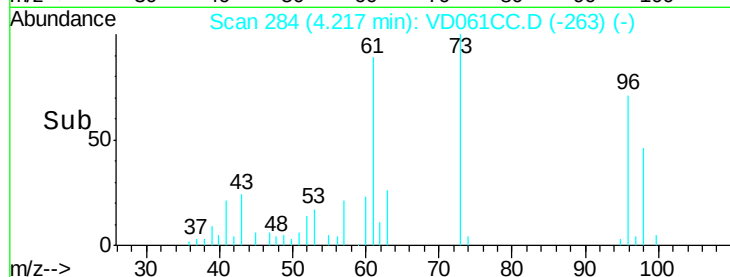
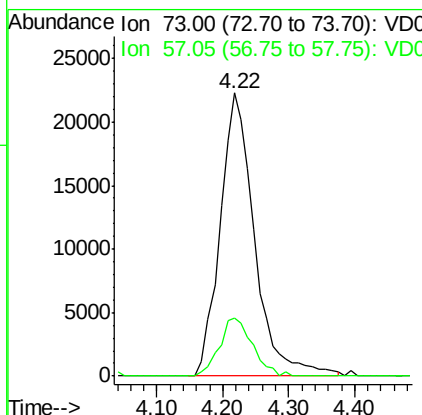
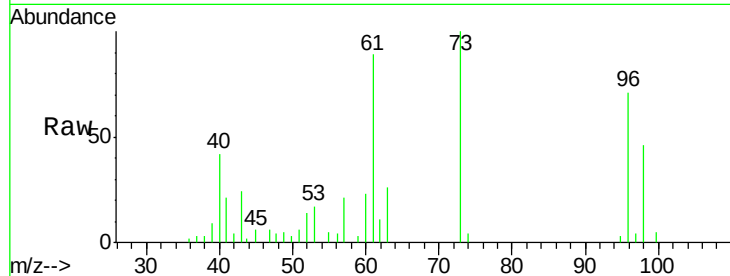




#19  
Methyl tert-butyl Ether  
Concen: 5.979 ug/l  
RT: 4.22 min Scan# 284  
Delta R.T. 0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

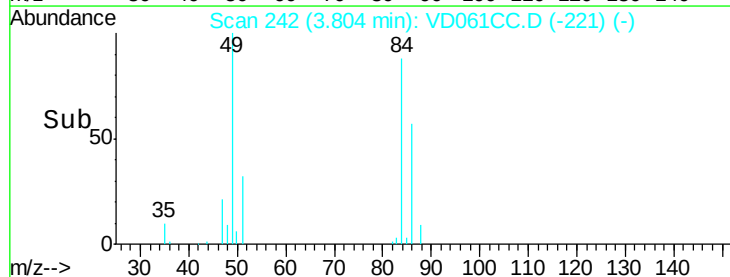
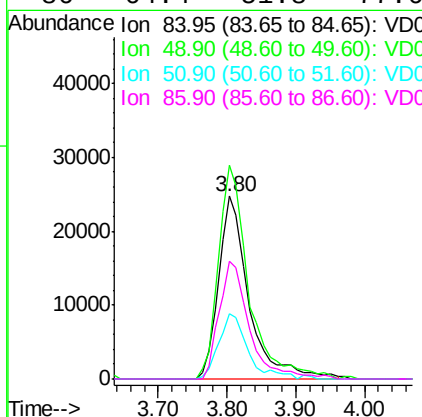
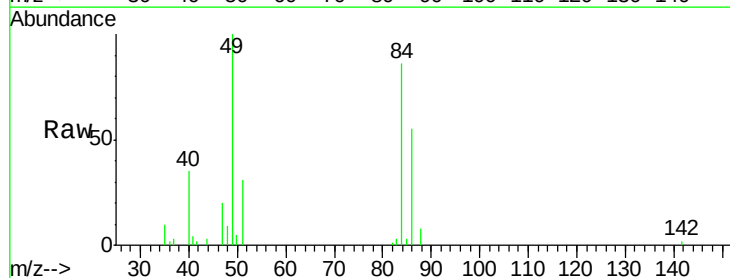
Instrument :  
MSVOA\_D  
ClientSampled :

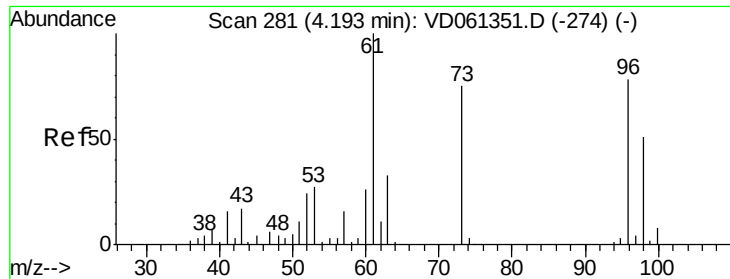
Tot Ion: 73 Resp: 81006  
Ion Ratio Lower Upper  
73 100  
57 20.6 16.4 24.6



#20  
Methylene Chloride  
Concen: 6.728 ug/l  
RT: 3.80 min Scan# 242  
Delta R.T. 0.01 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion: 84 Resp: 75263  
Ion Ratio Lower Upper  
84 100  
49 116.8 91.8 137.8  
51 35.7 29.8 44.8  
86 64.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 6.427 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.01 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

ClientSampled :

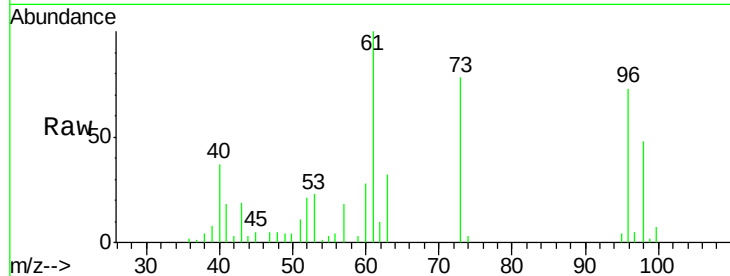
Tot Ion: 96 Resp: 54315

Ion Ratio Lower Upper

96 100

61 136.6 102.7 154.1

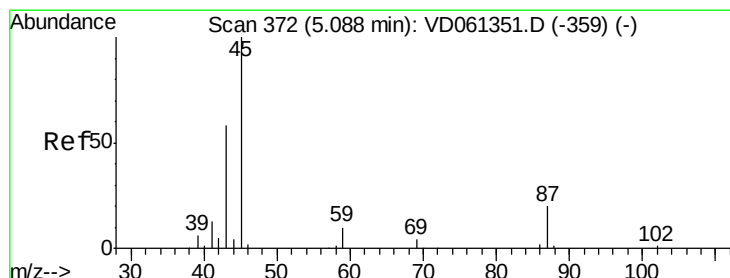
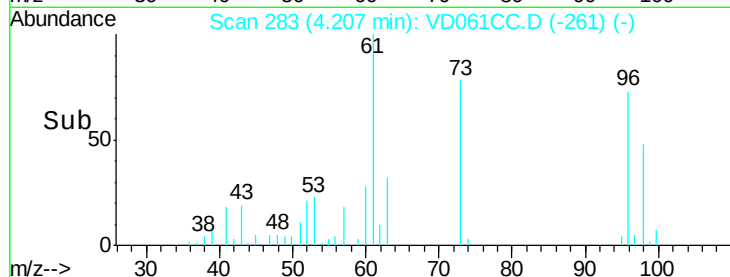
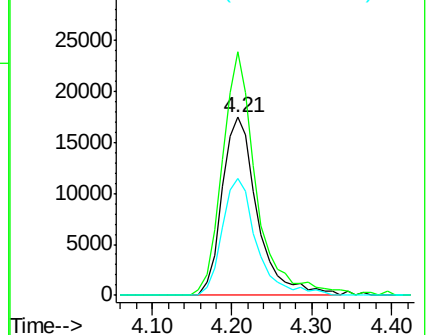
98 65.3 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 6.201 ug/l

RT: 5.09 min Scan# 373

Delta R.T. 0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Tgt Ion: 45 Resp: 143256

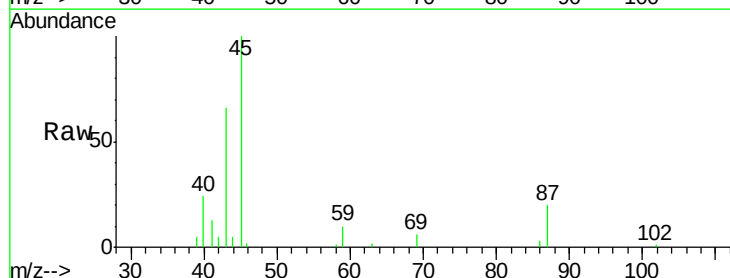
Ion Ratio Lower Upper

45 100

43 65.7 47.4 71.2

87 19.5 16.3 24.5

59 10.3 8.4 12.6

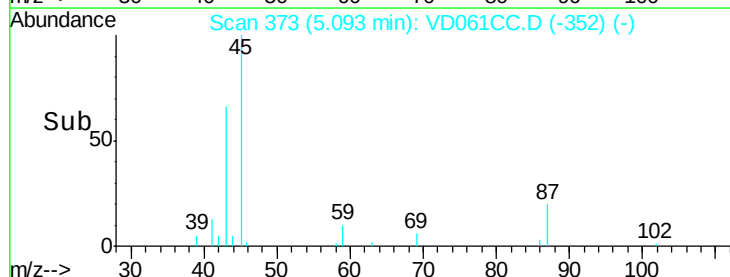
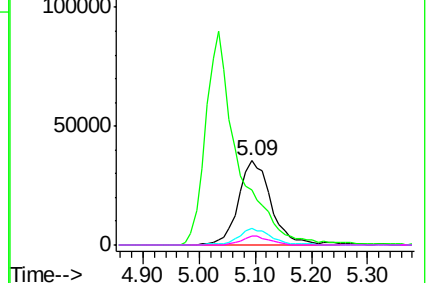


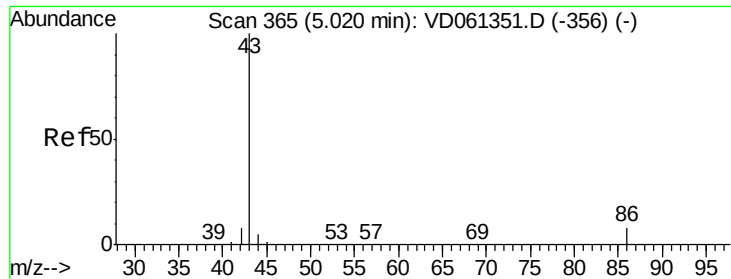
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC

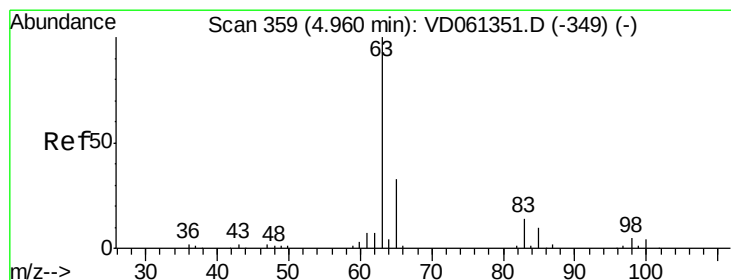
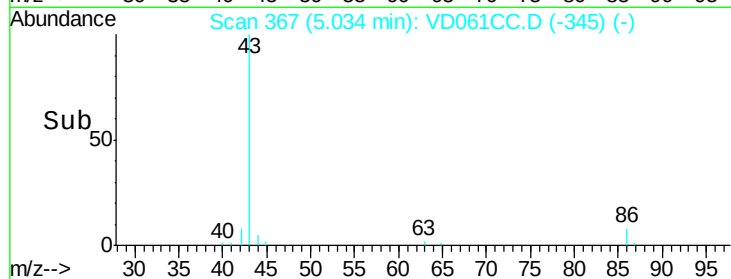
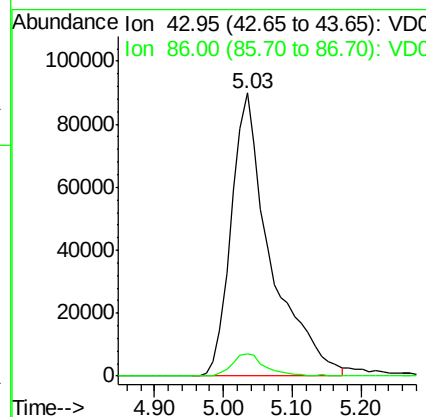
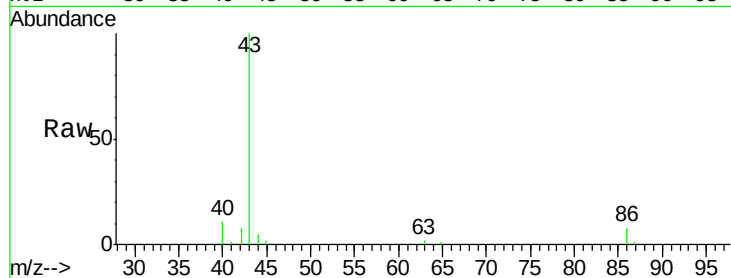




#23  
 Vinyl Acetate  
 Concen: 28.259 ug/l  
 RT: 5.03 min Scan# 367  
 Delta R.T. 0.01 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

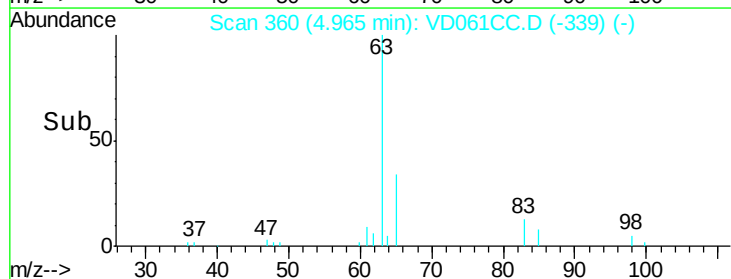
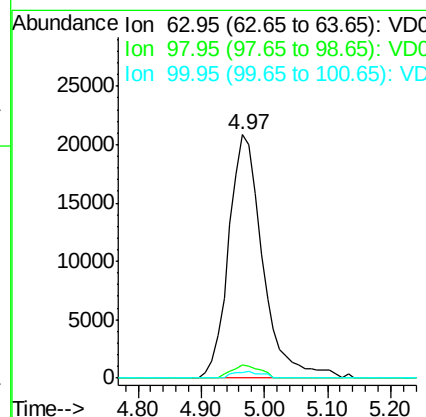
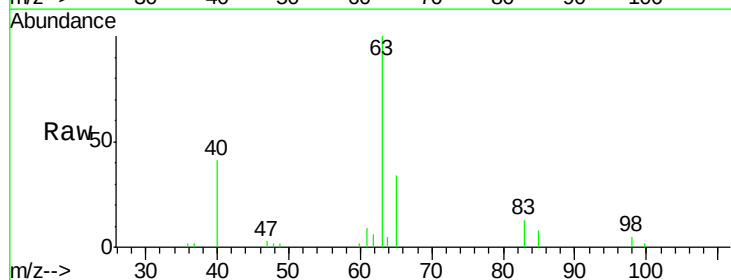
Instrument :  
 MSVOA\_D  
 ClientSampled :

Tot Ion: 43 Resp: 354618  
 Ion Ratio Lower Upper  
 43 100  
 86 7.9 6.7 10.1

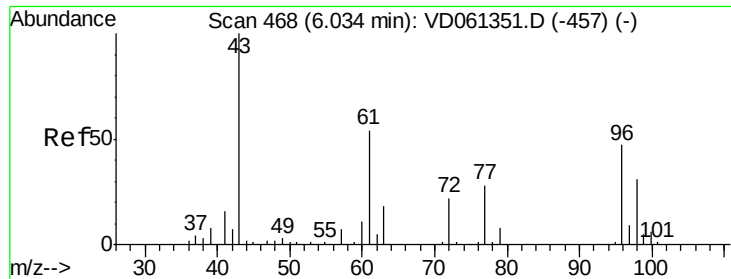


#24  
 1,1-Dichloroethane  
 Concen: 5.751 ug/l  
 RT: 4.97 min Scan# 360  
 Delta R.T. 0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

Tgt Ion: 63 Resp: 78076  
 Ion Ratio Lower Upper  
 63 100  
 98 5.3 2.6 8.0  
 100 2.2 1.8 5.3



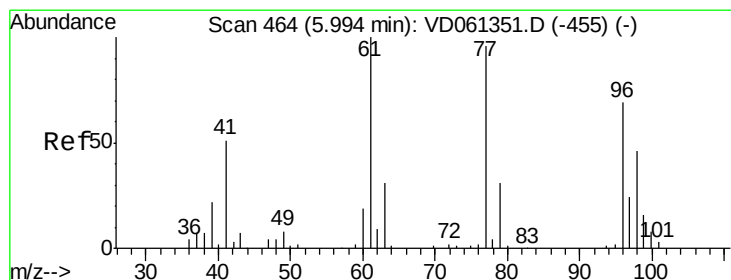
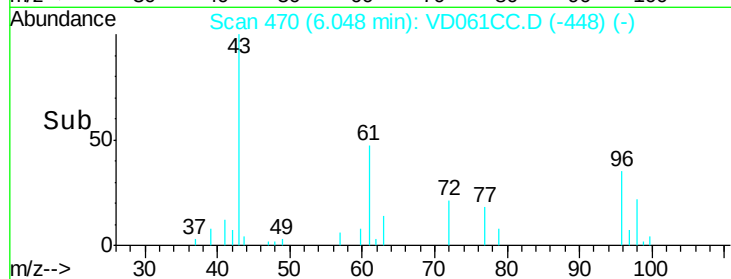
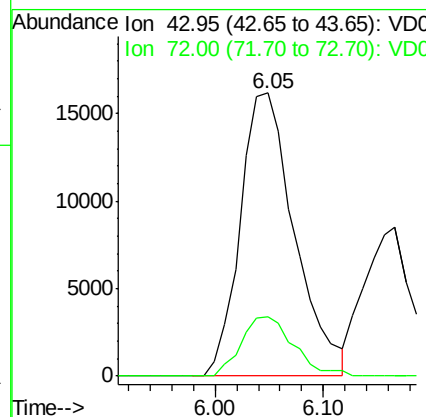
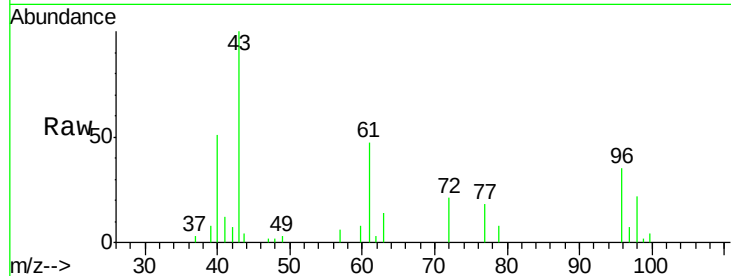




#25  
2-Butanone  
Concen: 28.025 ug/l  
RT: 6.05 min Scan# 470  
Delta R.T. 0.01 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

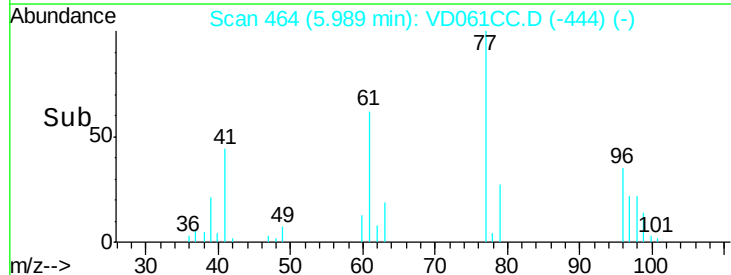
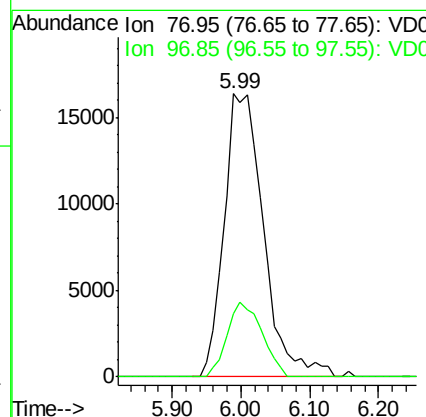
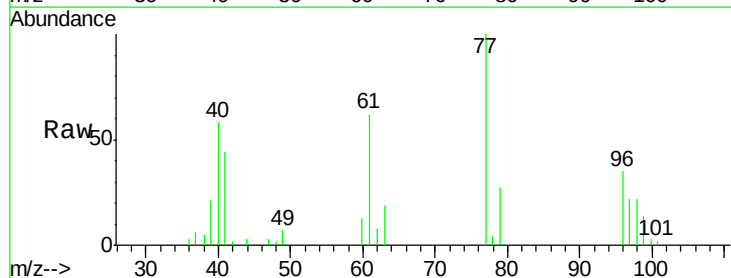
Instrument :  
MSVOA\_D  
ClientSampleId :

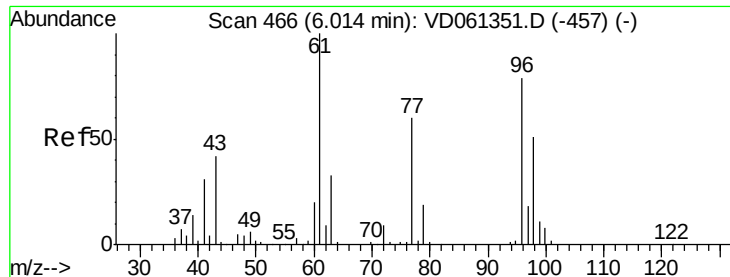
Tot Ion: 43 Resp: 56452  
Ion Ratio Lower Upper  
43 100  
72 21.0 17.2 25.8



#26  
2,2-Dichloropropane  
Concen: 6.024 ug/l  
RT: 5.99 min Scan# 464  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion: 77 Resp: 65017  
Ion Ratio Lower Upper  
77 100  
97 22.3 12.7 38.0



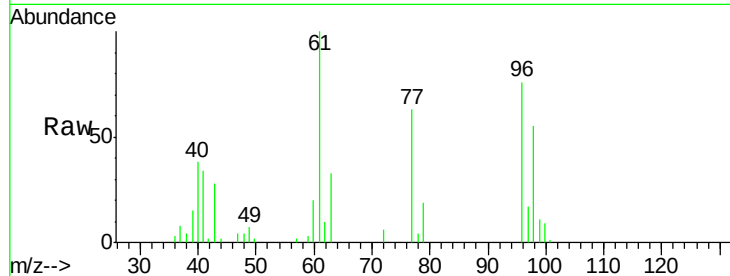


#27

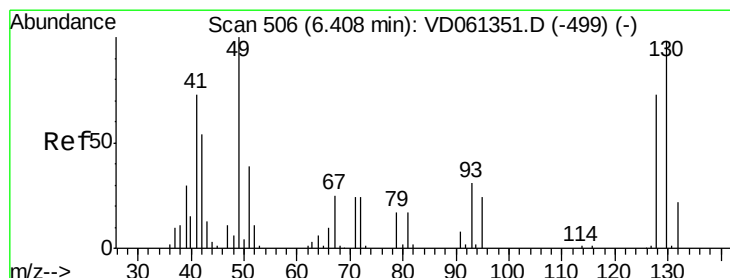
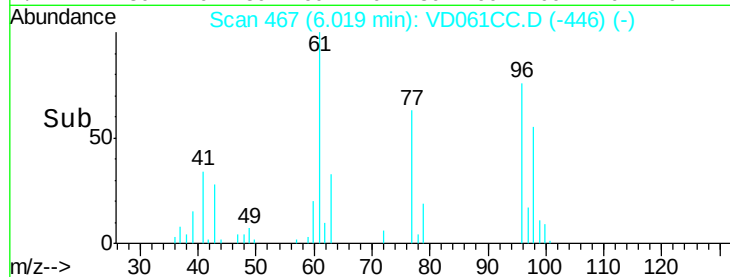
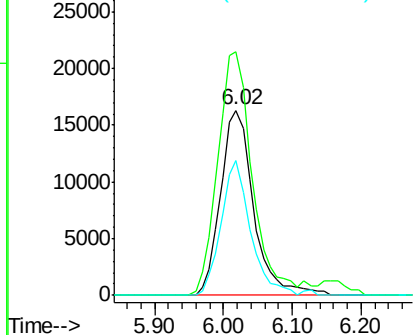
cis-1,2-Dichloroethene  
Concen: 5.887 ug/l  
RT: 6.02 min Scan# 467  
Delta R.T. 0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 96 Resp: 54508  
Ion Ratio Lower Upper  
96 100  
61 131.8 0.0 251.6  
98 72.9 0.0 129.2



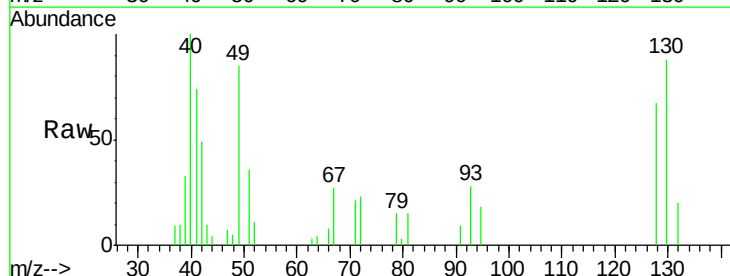
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



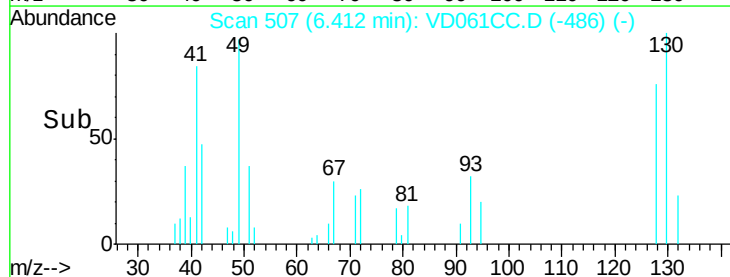
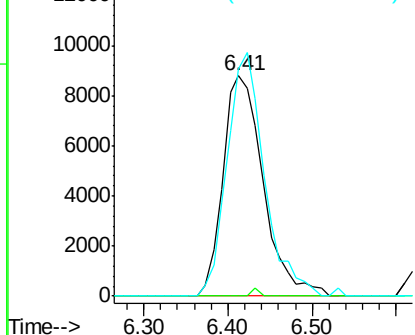
#28

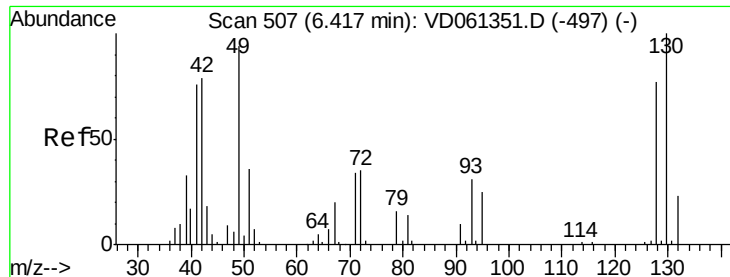
Bromochloromethane  
Concen: 5.336 ug/l  
RT: 6.41 min Scan# 507  
Delta R.T. 0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion: 49 Resp: 29244  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 0.0  
130 103.3 78.4 117.6



Abundance Ion 48.90 (48.60 to 49.60): VDC  
Ion 128.80 (128.50 to 129.50): VDC  
Ion 129.80 (129.50 to 130.50): VDC

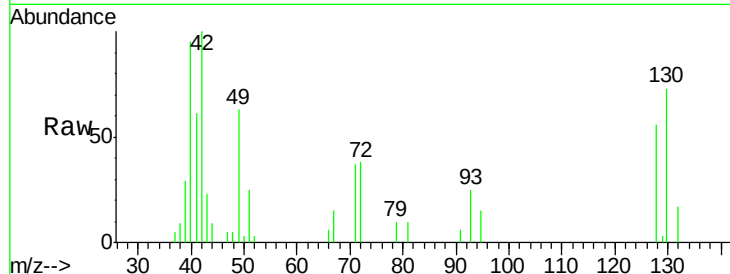




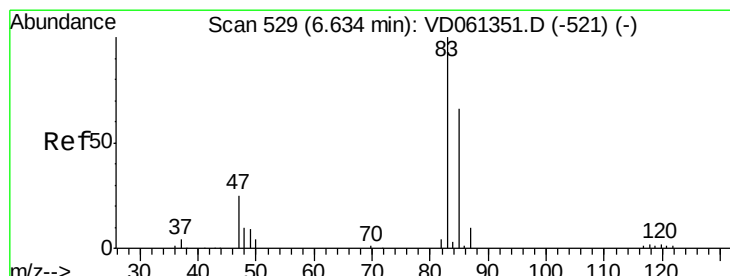
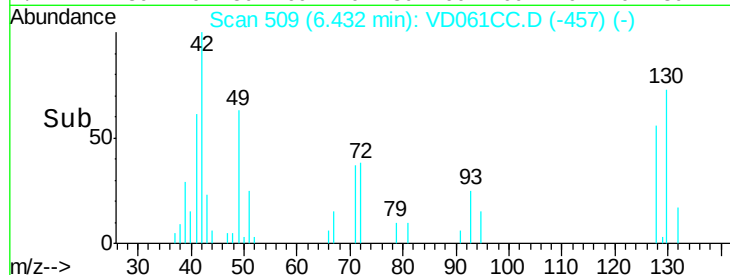
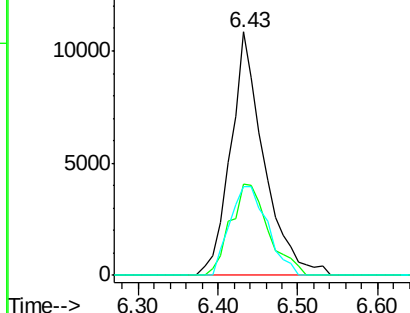
#29  
Tetrahydrofuran  
Concen: 32.381 ug/l  
RT: 6.43 min Scan# 509  
Delta R.T. 0.01 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 42 Resp: 31615  
Ion Ratio Lower Upper  
42 100  
72 42.4 37.4 56.0  
71 41.4 36.7 55.1

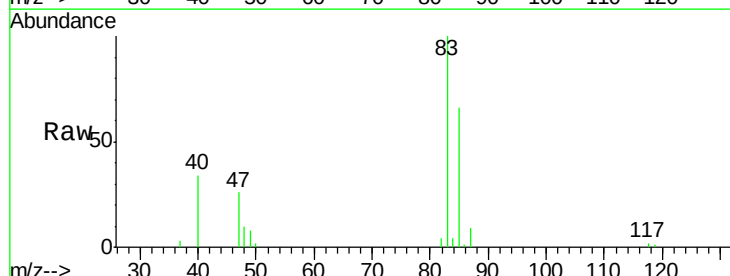


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

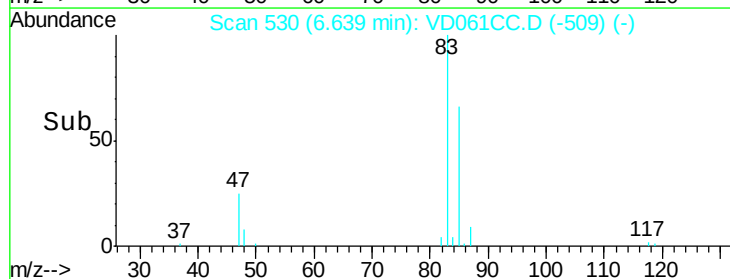
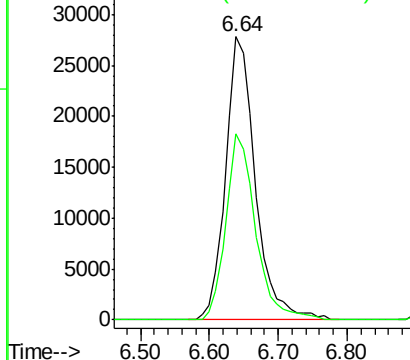


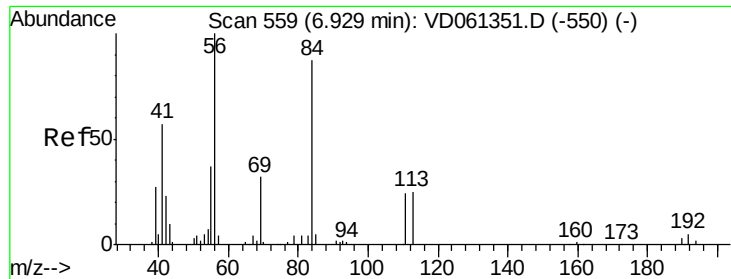
#30  
Chloroform  
Concen: 5.949 ug/l  
RT: 6.64 min Scan# 530  
Delta R.T. 0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion: 83 Resp: 83457  
Ion Ratio Lower Upper  
83 100  
85 65.9 53.0 79.4



Abundance Ion 82.95 (82.65 to 83.65): VDC  
Ion 84.95 (84.65 to 85.65): VDC

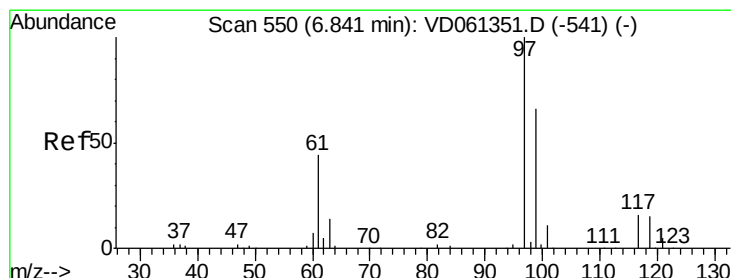
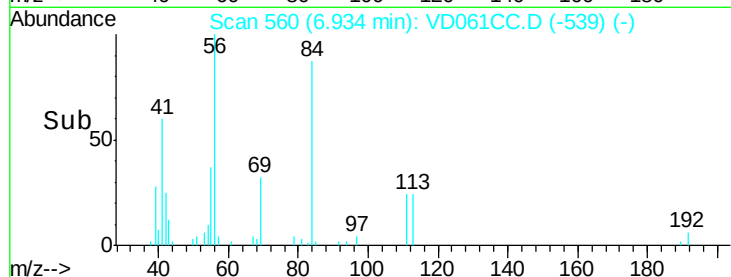
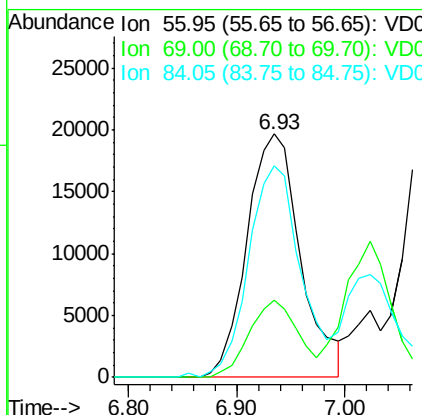
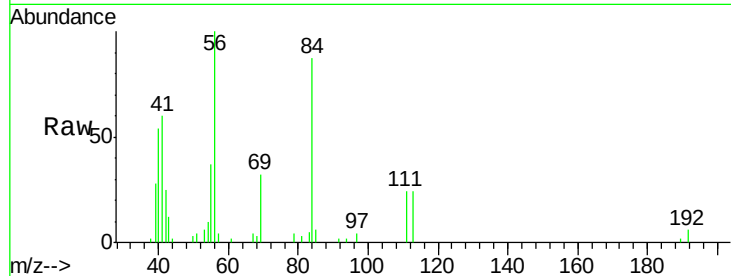




#31  
Cyclohexane  
Concen: 6.303 ug/l  
RT: 6.93 min Scan# 560  
Delta R.T. 0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

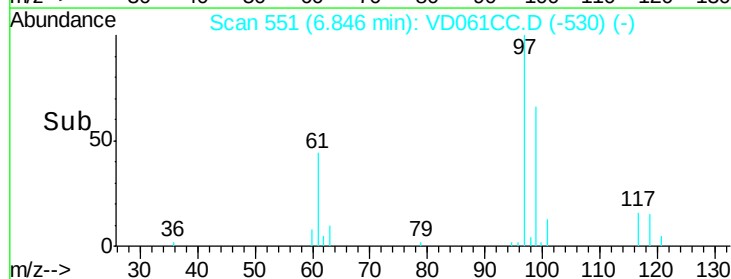
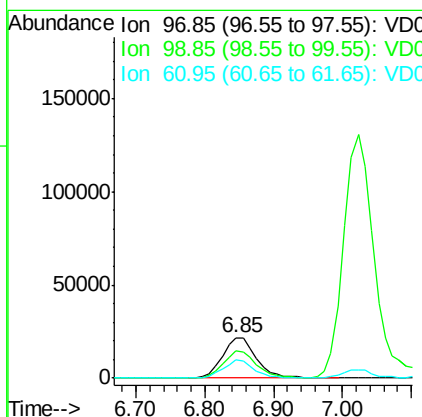
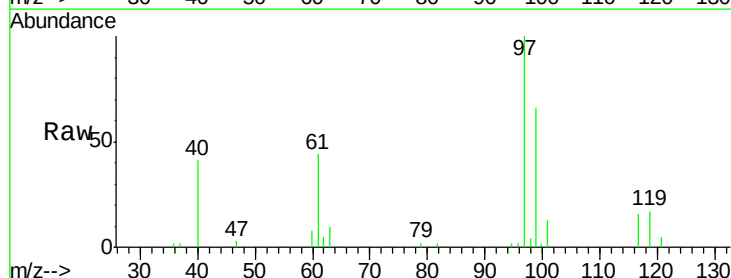
Instrument :  
MSVOA\_D  
ClientSampled :

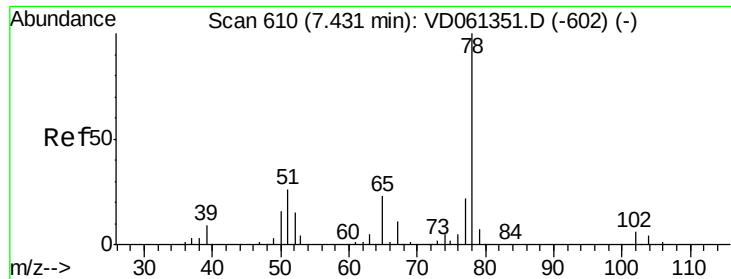
Tot Ion: 56 Resp: 67623  
Ion Ratio Lower Upper  
56 100  
69 31.6 25.7 38.5  
84 86.9 70.6 105.8



#32  
1,1,1-Trichloroethane  
Concen: 6.015 ug/l  
RT: 6.85 min Scan# 551  
Delta R.T. 0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion: 97 Resp: 74449  
Ion Ratio Lower Upper  
97 100  
99 66.3 53.1 79.7  
61 44.3 35.5 53.3

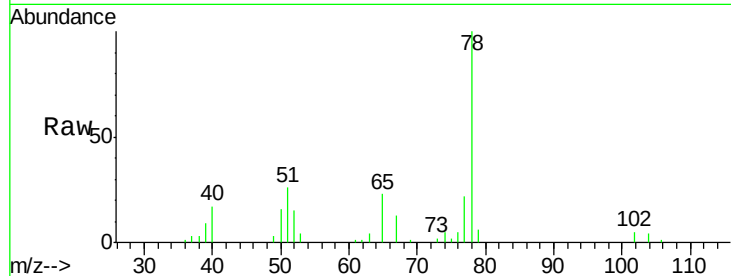




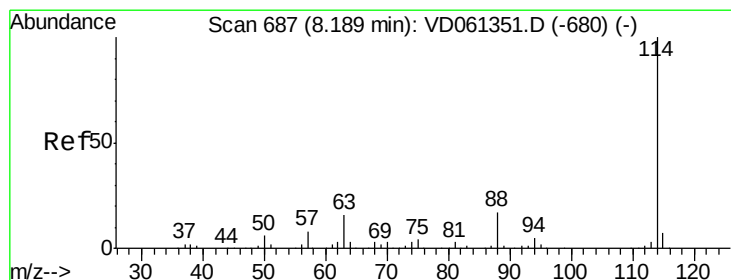
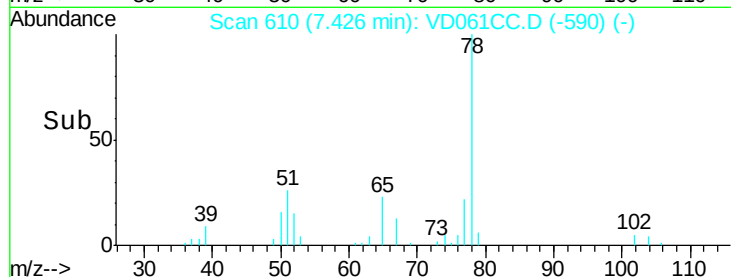
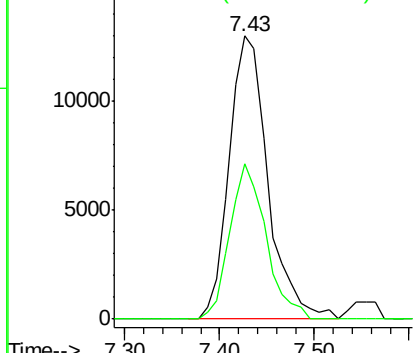
#33  
 1,2-Dichloroethane-d4  
 Concen: 6.015 ug/l  
 RT: 7.43 min Scan# 610  
 Delta R.T. -0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

Instrument :  
 MSVOA\_D  
 ClientSampled :

Tot Ion: 65 Resp: 36715  
 Ion Ratio Lower Upper  
 65 100  
 67 55.1 0.0 99.8

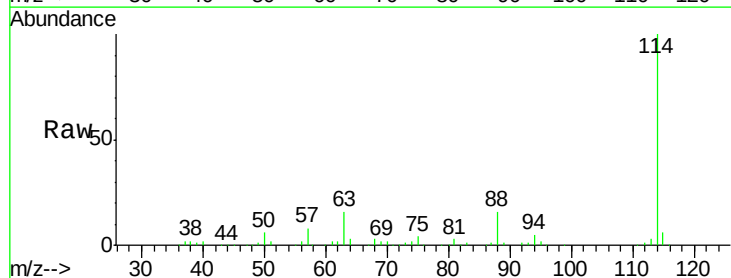


Abundance Ion 64.95 (64.65 to 65.65): VDC  
 Ion 66.90 (66.60 to 67.60): VDC

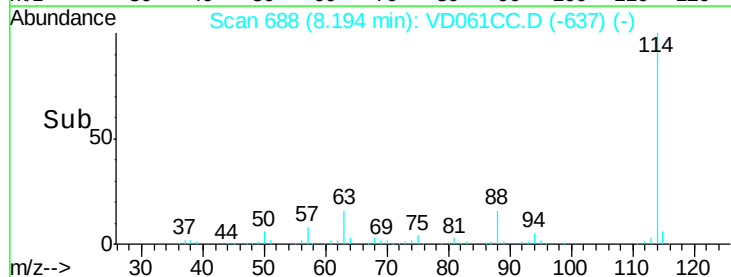
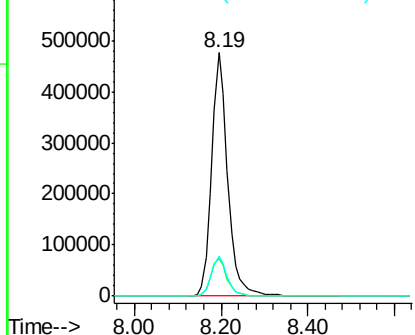


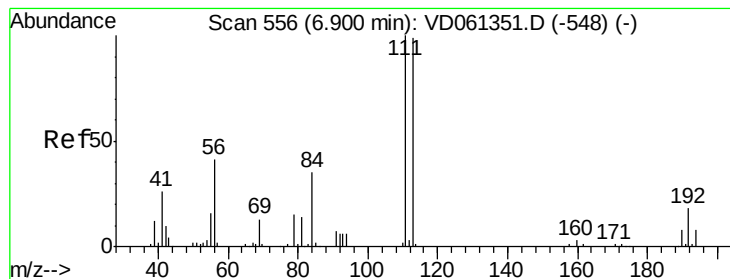
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.19 min Scan# 688  
 Delta R.T. 0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

Tgt Ion:114 Resp: 1230941  
 Ion Ratio Lower Upper  
 114 100  
 63 15.6 0.0 31.6  
 88 16.2 0.0 33.4



Abundance Ion 114.00 (113.70 to 114.70): V  
 Ion 62.95 (62.65 to 63.65): VDC  
 Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.90 min Scan# 557

Delta R.T. 0.00 min

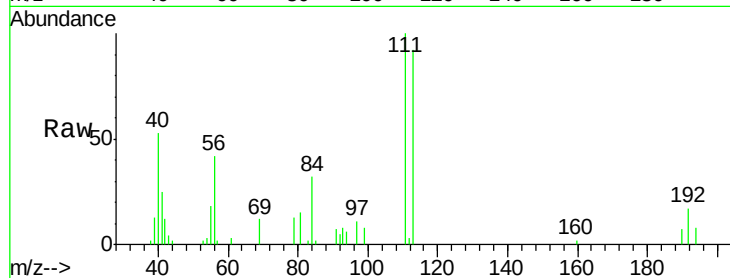
Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:113 Resp: 53571

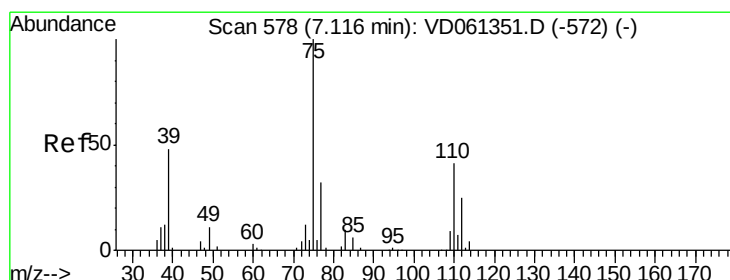
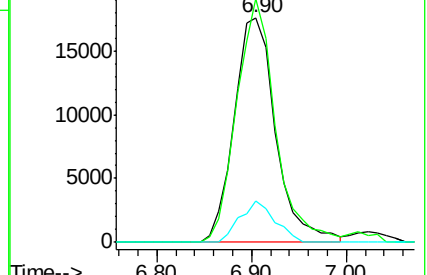
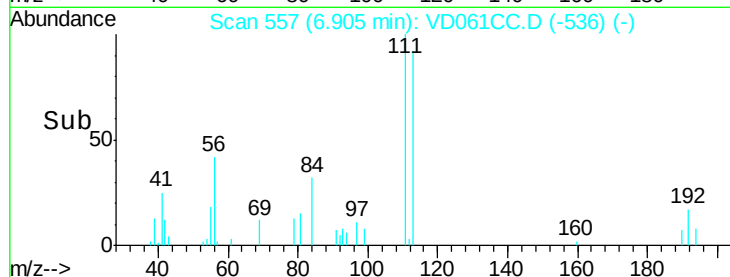
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 108.3 | 81.0  | 121.6 |
| 192 | 18.3  | 14.4  | 21.6  |



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 6.442 ug/l

RT: 7.12 min Scan# 579

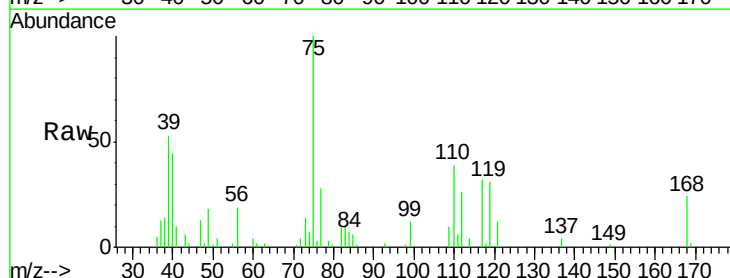
Delta R.T. 0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Tgt Ion: 75 Resp: 69203

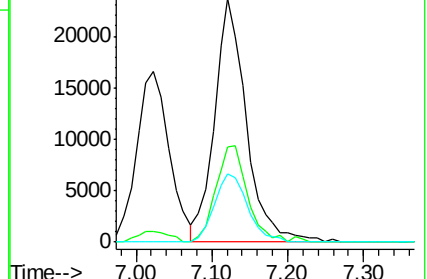
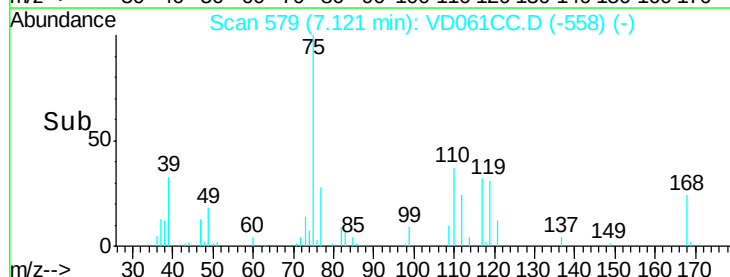
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 38.8  | 20.4  | 61.3  |
| 77  | 28.2  | 24.9  | 37.3  |

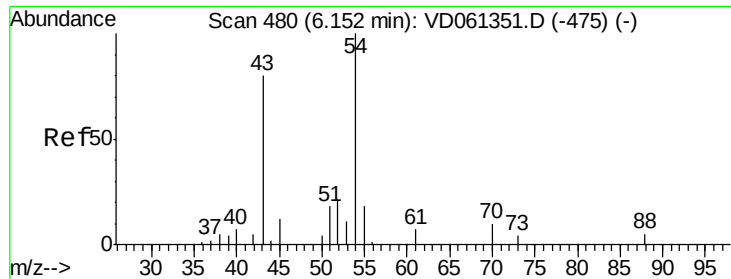


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

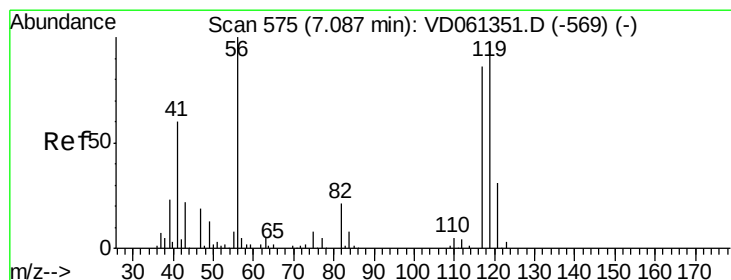
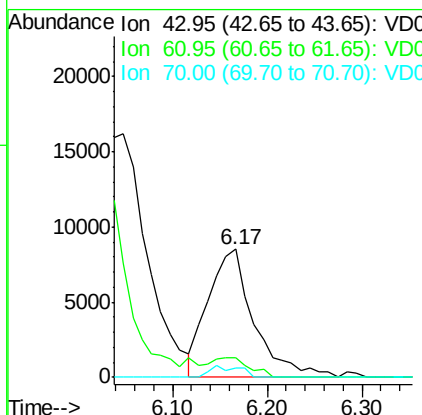
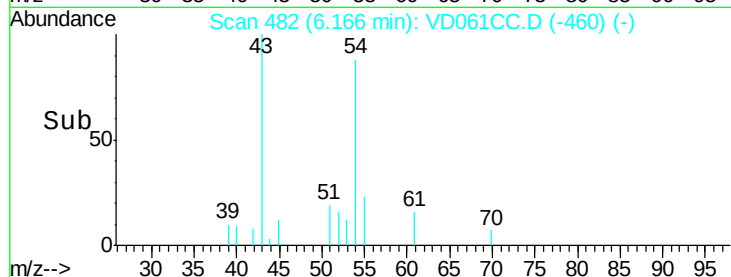
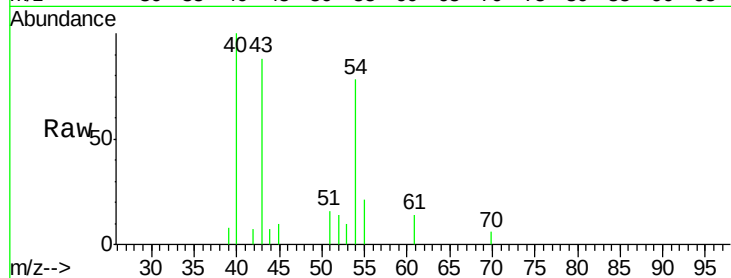




#37  
Ethyl Acetate  
Concen: 6.223 ug/l  
RT: 6.17 min Scan# 482  
Delta R.T. 0.01 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

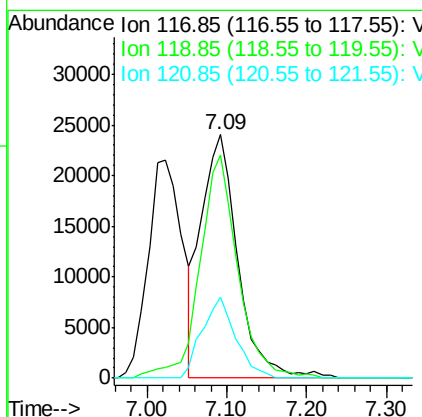
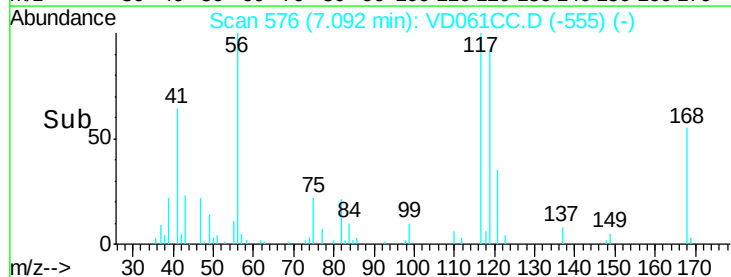
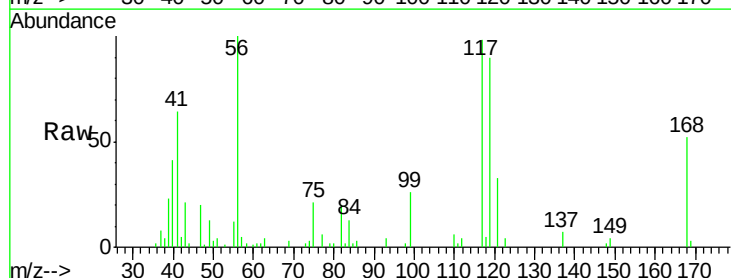
Instrument :  
MSVOA\_D  
ClientSampled :

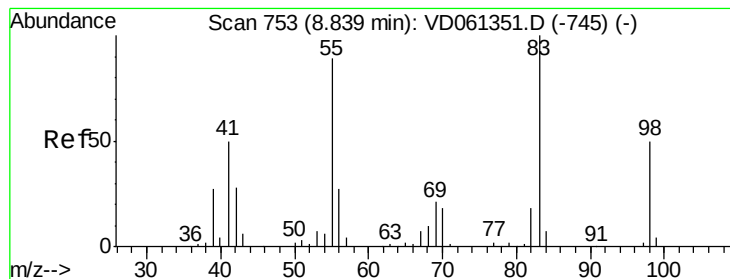
Tot Ion: 43 Resp: 28592  
Ion Ratio Lower Upper  
43 100  
61 15.5 13.8 20.8  
70 7.1 7.8 11.8#



#38  
Carbon Tetrachloride  
Concen: 6.283 ug/l  
RT: 7.09 min Scan# 576  
Delta R.T. 0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion: 117 Resp: 76855  
Ion Ratio Lower Upper  
117 100  
119 91.5 80.1 120.1  
121 33.4 25.6 38.4





#39

Methylvlcyclohexane

Concen: 5.907 ug/l

RT: 8.84 min Scan# 754

Delta R.T. 0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

ClientSampleId :

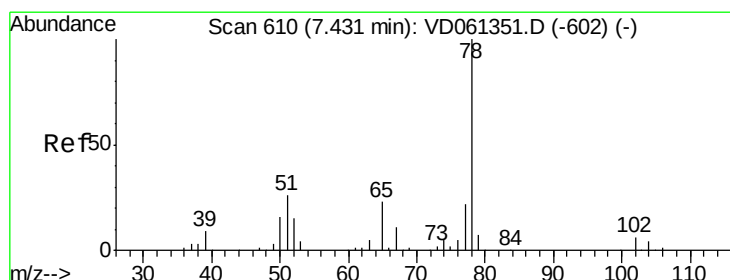
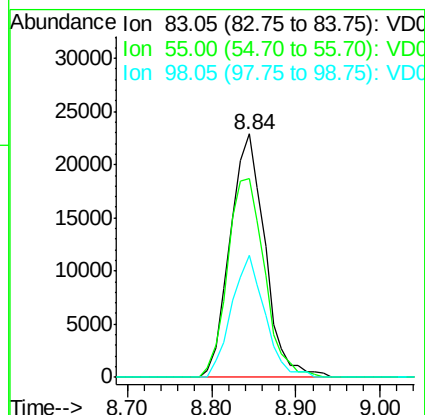
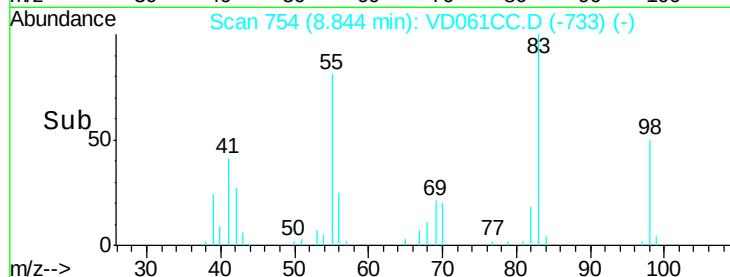
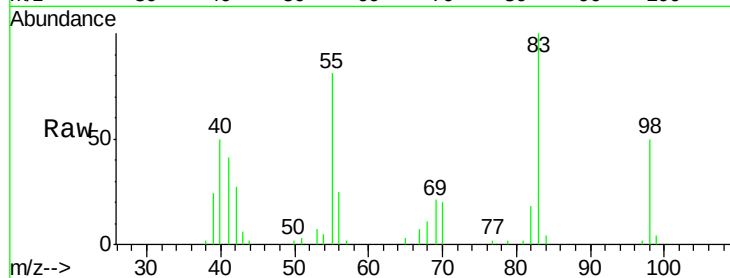
Tot Ion: 83 Resp: 66089

Ion Ratio Lower Upper

83 100

55 81.5 71.5 107.3

98 50.3 40.3 60.5



#40

Benzene

Concen: 6.127 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD061CC.D

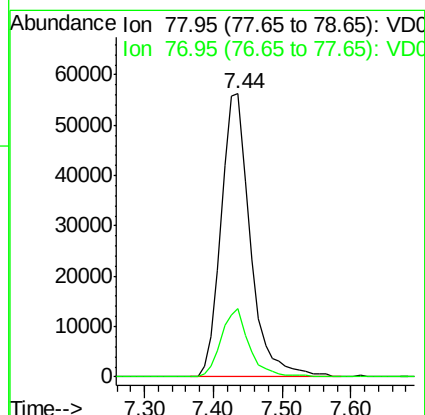
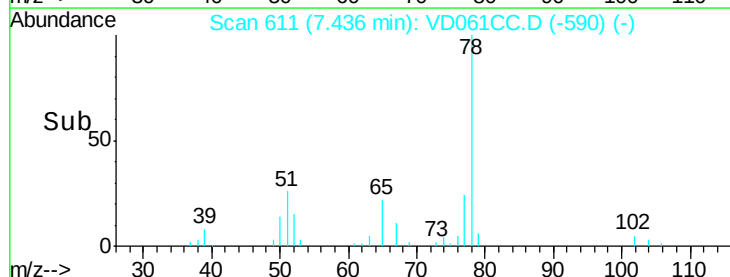
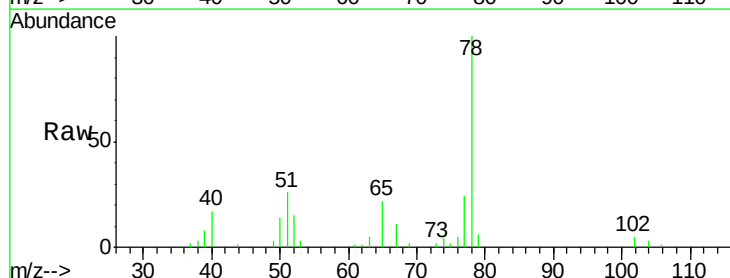
Acq: 27 Mar 2019 11:16

Tgt Ion: 78 Resp: 165205

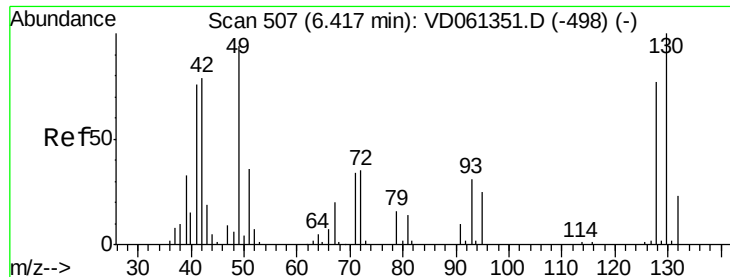
Ion Ratio Lower Upper

78 100

77 24.4 17.8 26.6



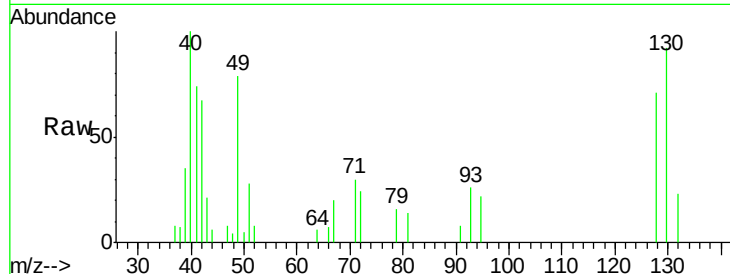




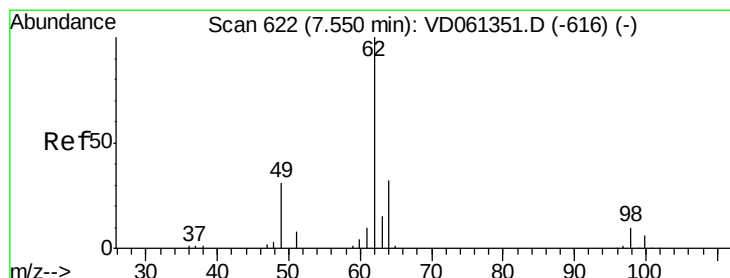
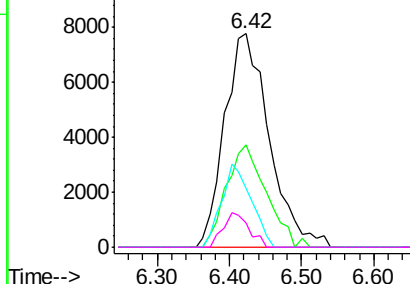
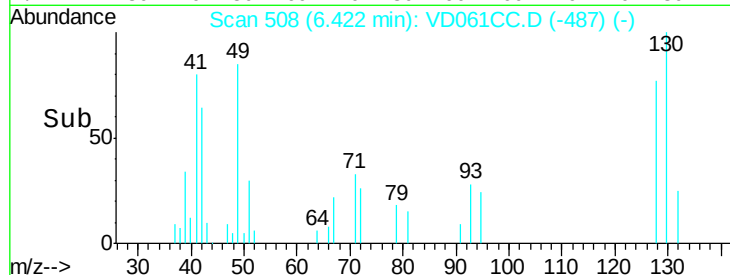
#41  
Methacrylonitrile  
Concen: 6.208 ug/l  
RT: 6.42 min Scan# 508  
Delta R.T. 0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 41 Resp: 33352  
Ion Ratio Lower Upper  
41 100  
39 47.7 35.0 52.6  
67 27.7 21.0 31.6  
52 11.4 7.7 11.5

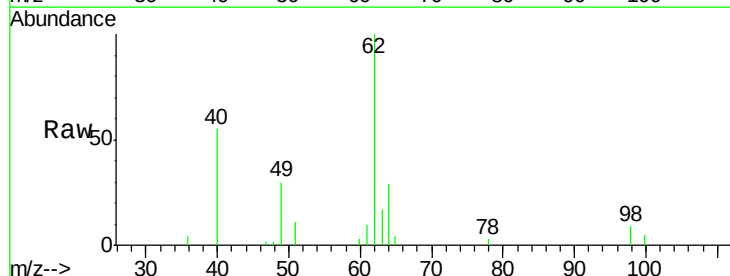


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

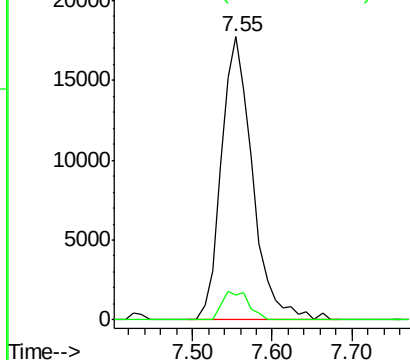
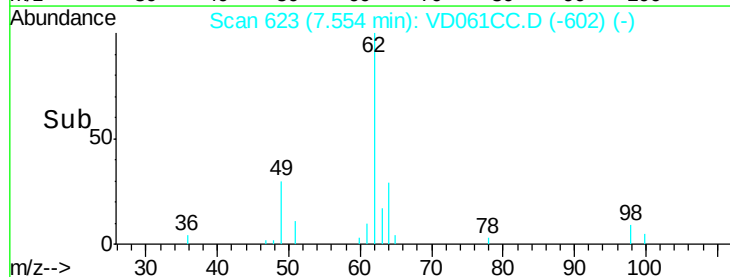


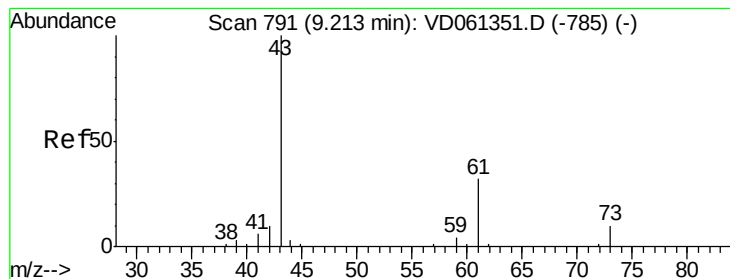
#42  
1,2-Dichloroethane  
Concen: 6.040 ug/l  
RT: 7.55 min Scan# 623  
Delta R.T. 0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion: 62 Resp: 48711  
Ion Ratio Lower Upper  
62 100  
98 8.8 0.0 19.8



Abundance Ion 61.95 (61.65 to 62.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 5.933 ug/l

RT: 9.22 min Scan# 792

Delta R.T. 0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

ClientSampleId :

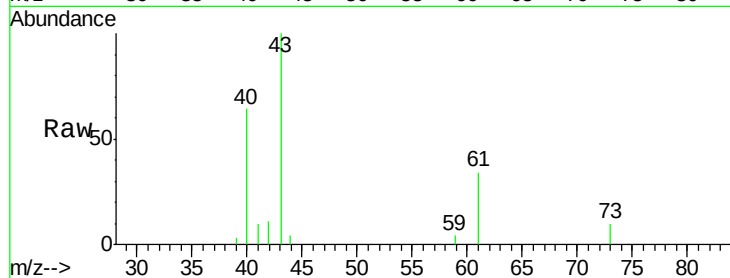
Tot Ion: 43 Resp: 39664

Ion Ratio Lower Upper

43 100

61 33.6 25.8 38.6

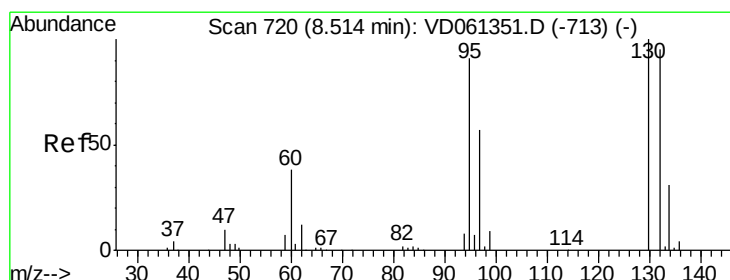
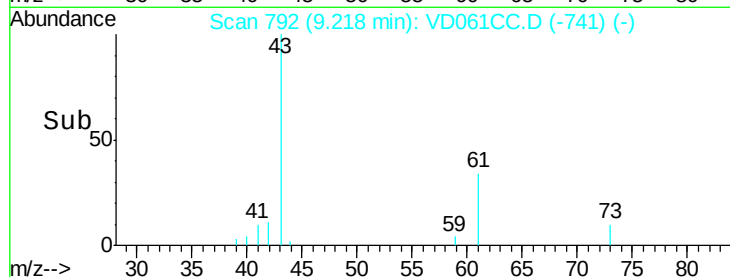
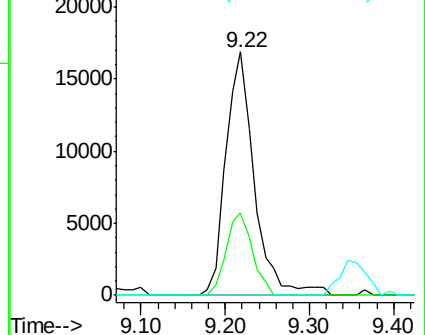
87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 5.560 ug/l

RT: 8.52 min Scan# 721

Delta R.T. 0.00 min

Lab File: VD061CC.D

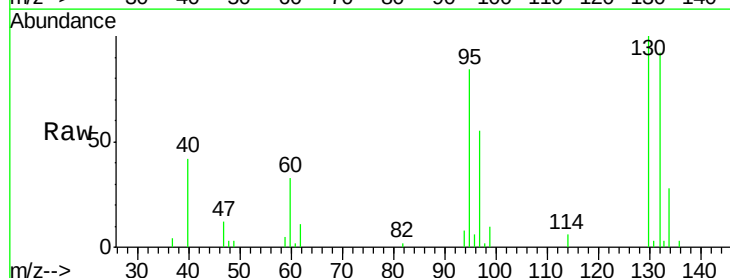
Acq: 27 Mar 2019 11:16

Tgt Ion:130 Resp: 55794

Ion Ratio Lower Upper

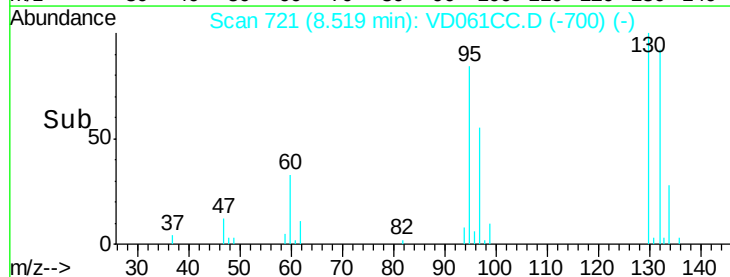
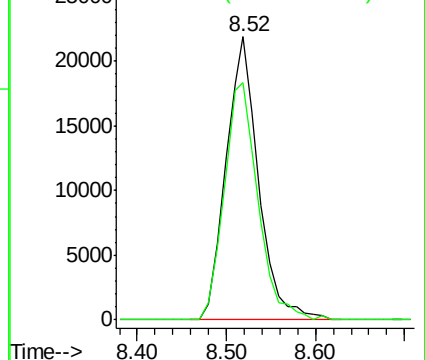
130 100

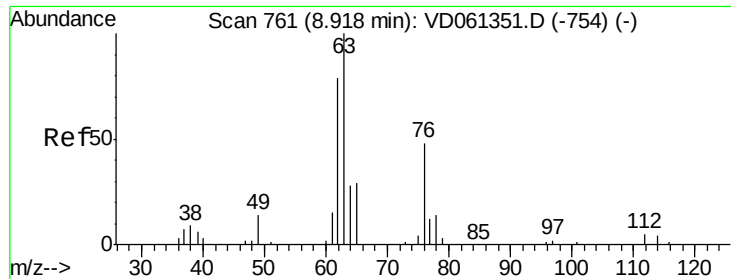
95 84.1 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 5.940 ug/l

RT: 8.91 min Scan# 761

Delta R.T. -0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

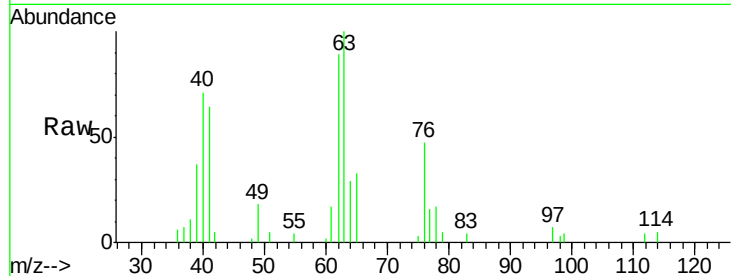
ClientSampleId :

Tot Ion: 63 Resp: 40609

Ion Ratio Lower Upper

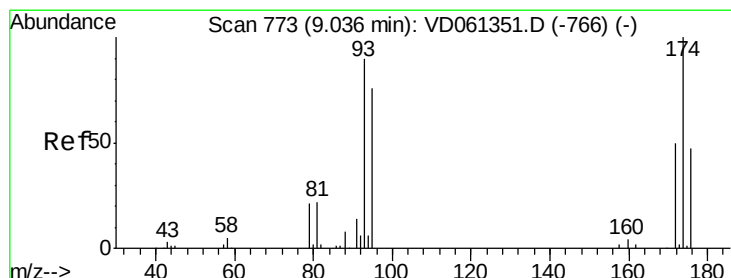
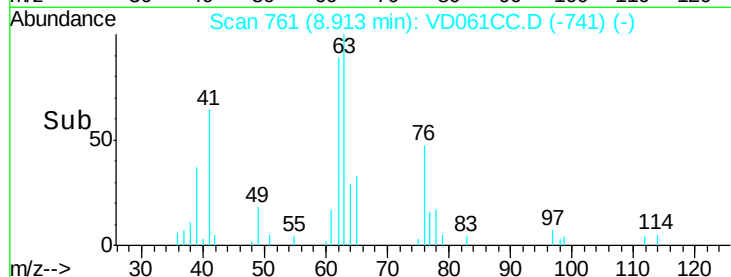
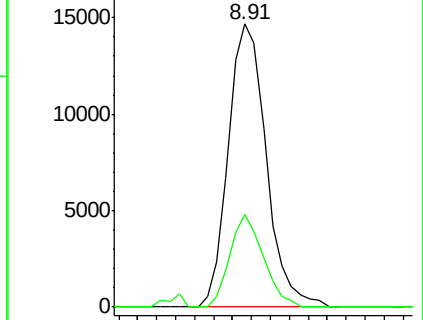
63 100

65 32.8 25.0 37.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 5.773 ug/l

RT: 9.04 min Scan# 774

Delta R.T. 0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

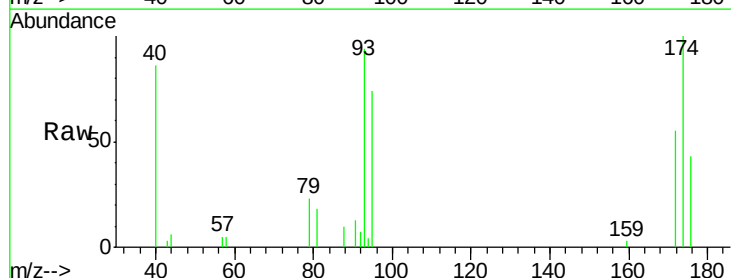
Tgt Ion: 93 Resp: 26566

Ion Ratio Lower Upper

93 100

95 79.1 67.4 101.0

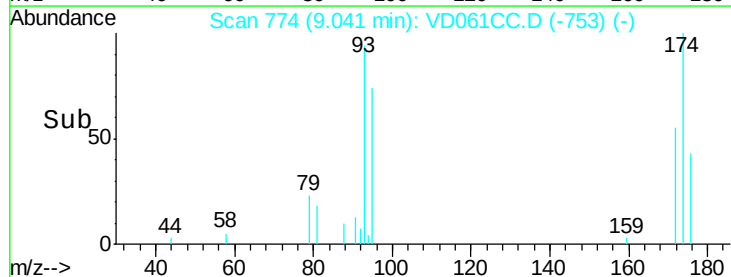
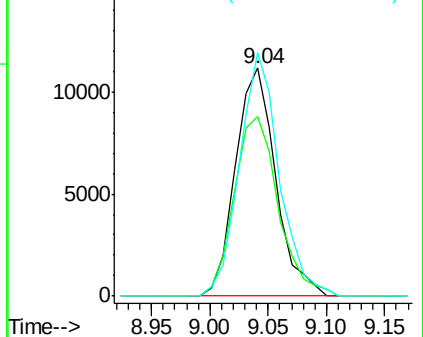
174 106.9 88.9 133.3

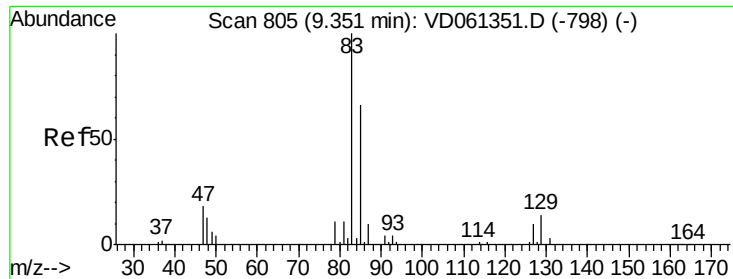


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 5.796 ug/l

RT: 9.35 min Scan# 805

Delta R.T. -0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

ClientSampleId :

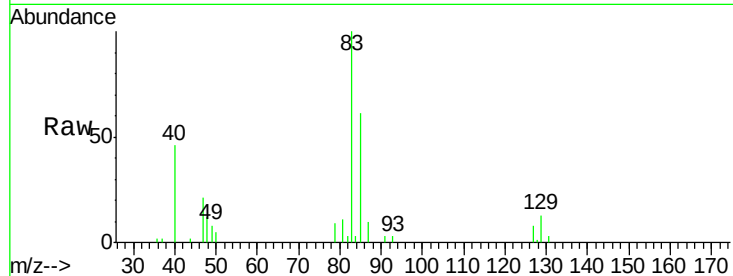
Tot Ion: 83 Resp: 59861

Ion Ratio Lower Upper

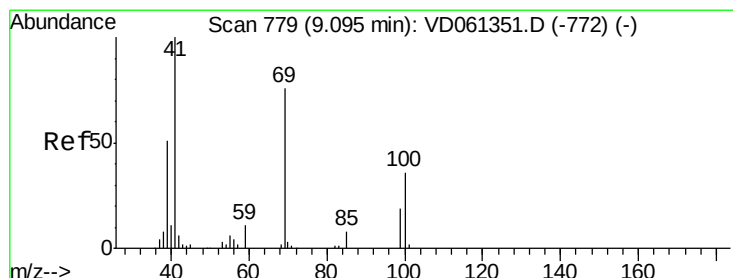
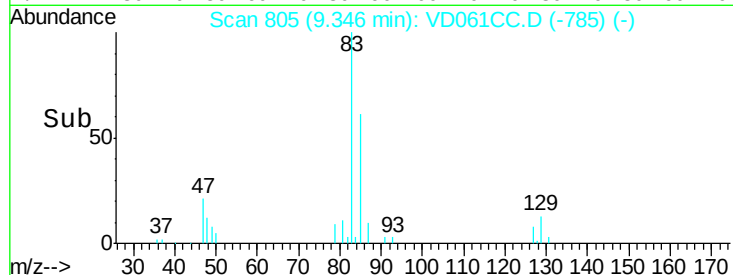
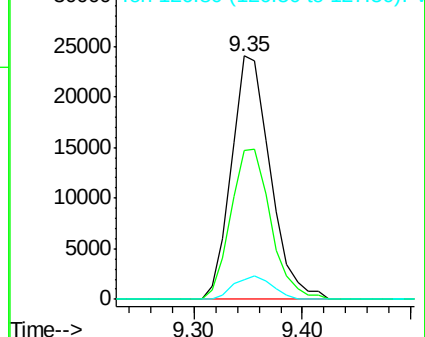
83 100

85 61.2 53.0 79.4

127 8.2 8.4 12.6#



Abundance Ion 82.85 (82.55 to 83.55): VDC  
Ion 84.95 (84.65 to 85.65): VDC  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 6.242 ug/l

RT: 9.10 min Scan# 780

Delta R.T. 0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

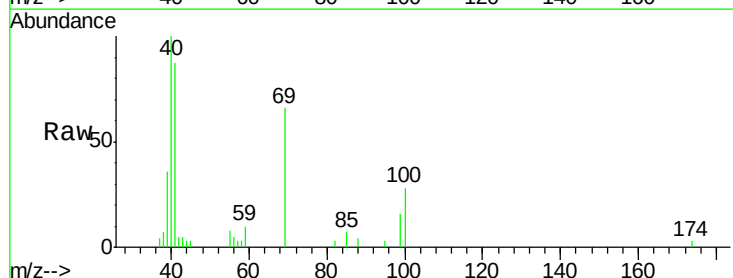
Tgt Ion: 41 Resp: 23030

Ion Ratio Lower Upper

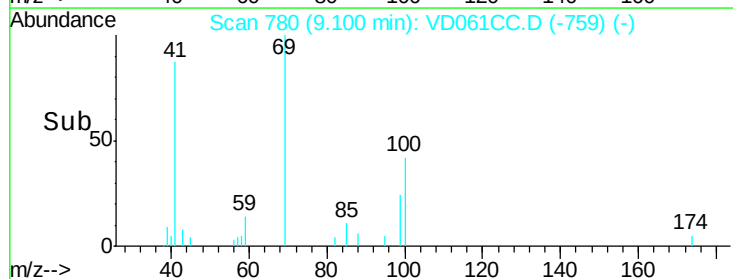
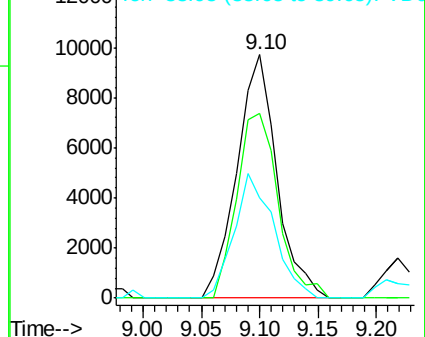
41 100

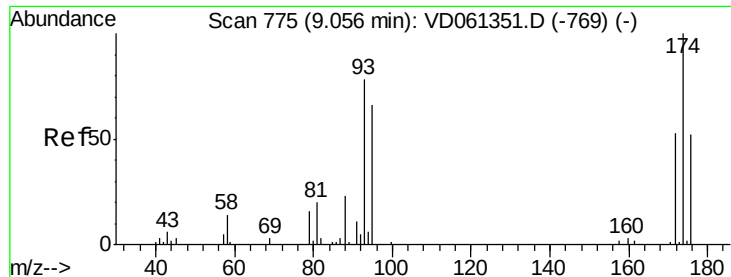
69 75.8 60.2 90.4

39 41.4 41.4 62.2#



Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 38.95 (38.65 to 39.65): VDC

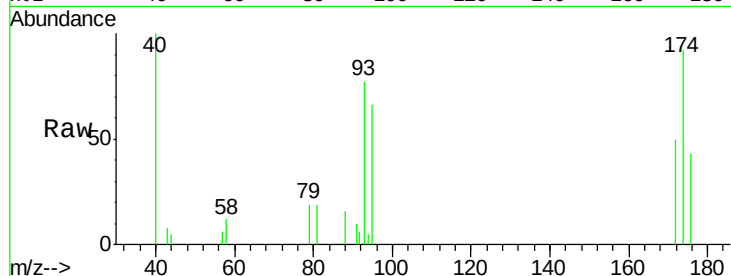




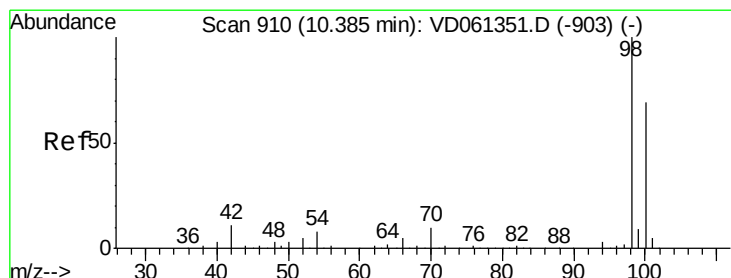
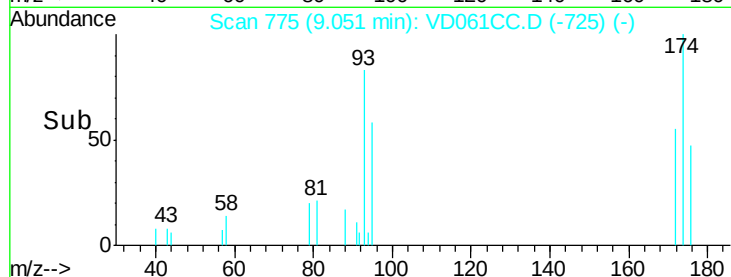
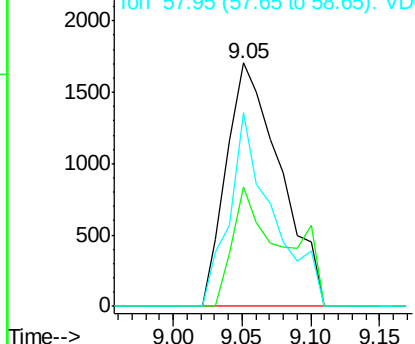
#49  
1,4-Dioxane  
Concen: 114.389 ug/l  
RT: 9.05 min Scan# 775  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 88 Resp: 4655  
Ion Ratio Lower Upper  
88 100  
43 48.8 23.3 34.9#  
58 79.4 50.8 76.2#

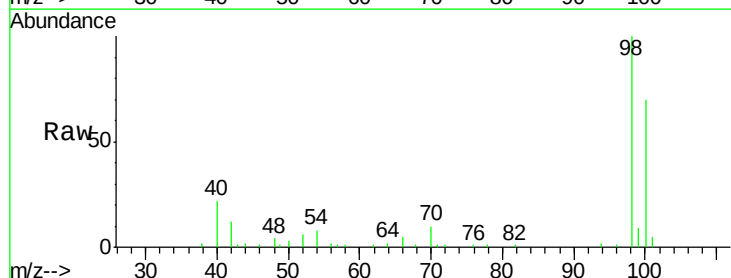


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

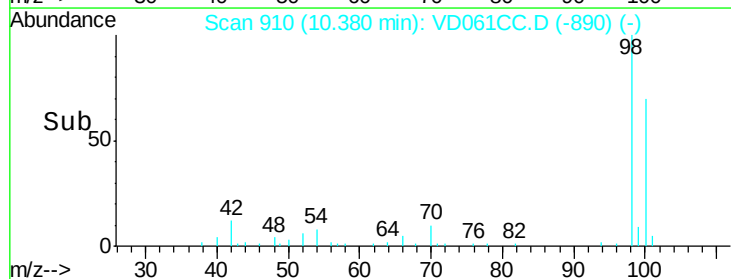
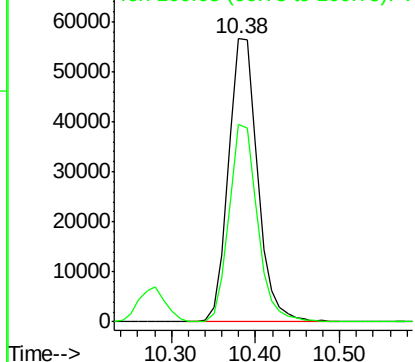


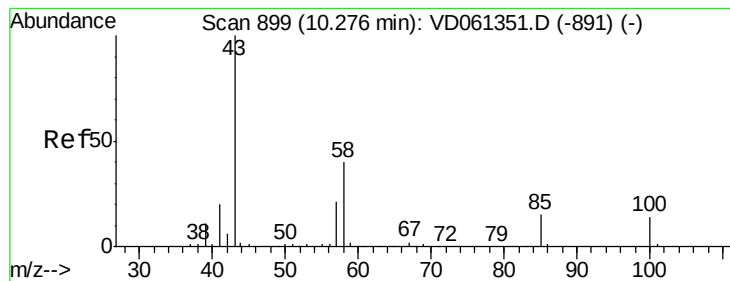
#50  
Toluene-d8  
Concen: 114.389 ug/l  
RT: 10.38 min Scan# 910  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion: 98 Resp: 136474  
Ion Ratio Lower Upper  
98 100  
100 69.6 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC  
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 31.331 ug/l

RT: 10.27 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

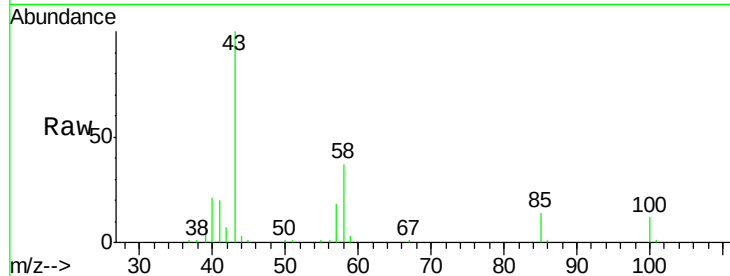
ClientSampled :

Tot Ion: 43 Resp: 127428

Ion Ratio Lower Upper

43 100

58 36.9 31.8 47.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.27

60000

50000

40000

30000

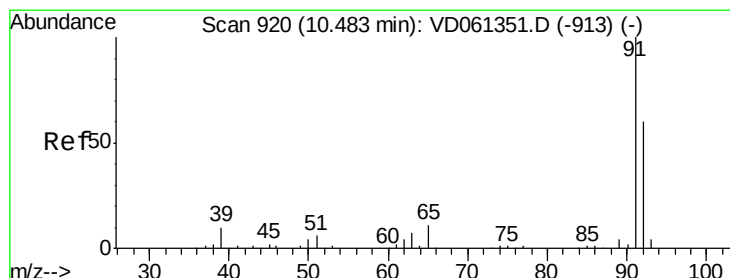
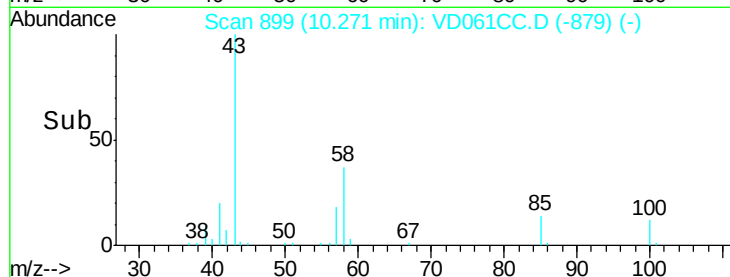
20000

10000

0

Time-->

10.20 10.30 10.40 10.50



#52

Toluene

Concen: 6.010 ug/l

RT: 10.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: VD061CC.D

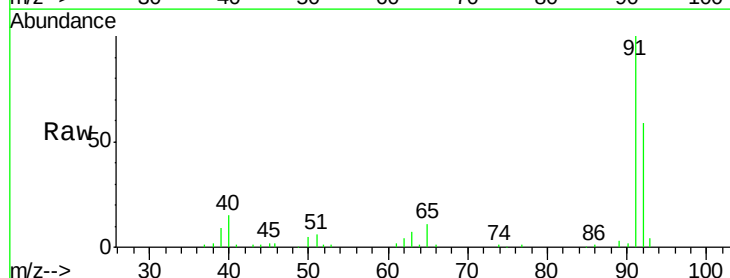
Acq: 27 Mar 2019 11:16

Tgt Ion: 92 Resp: 98863

Ion Ratio Lower Upper

92 100

91 170.9 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.49

80000

60000

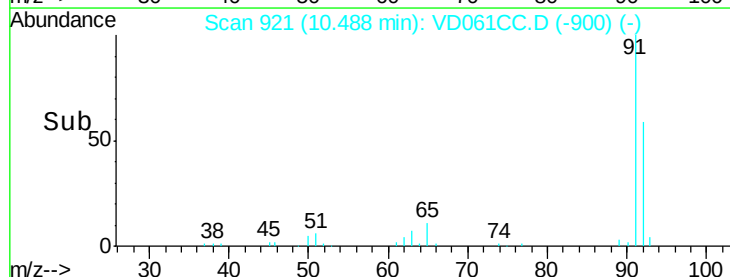
40000

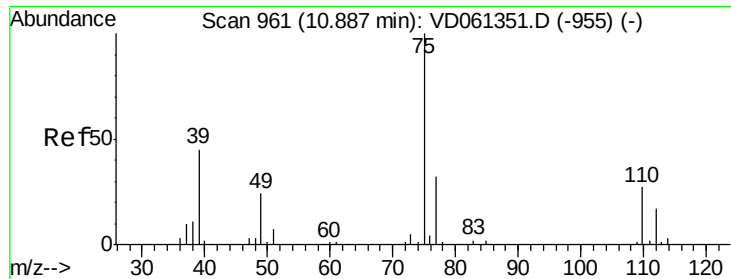
20000

0

Time-->

10.40 10.50 10.60

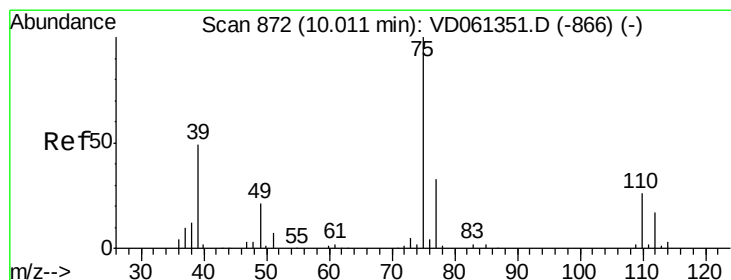
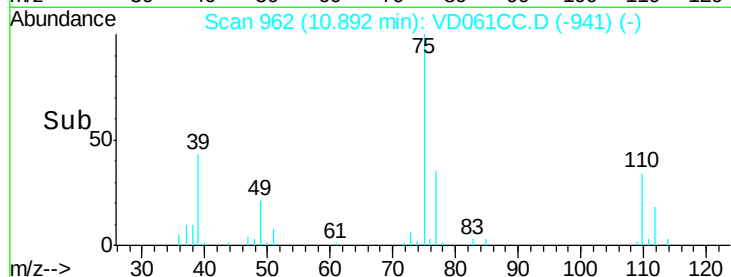
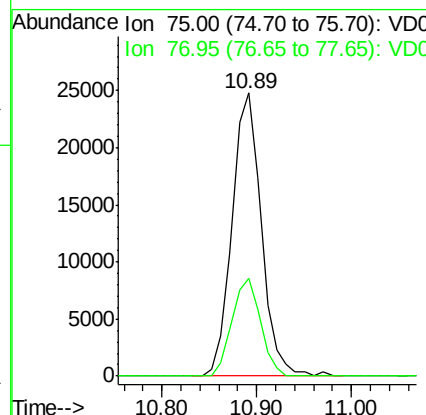
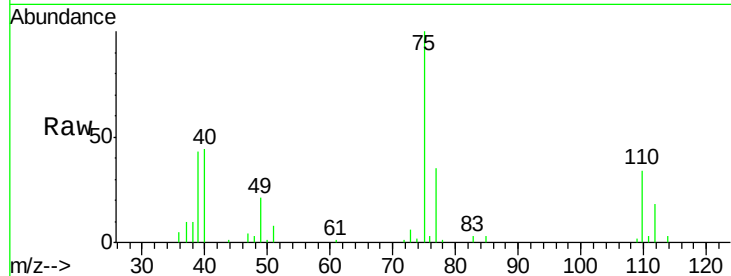




#53  
 t-1,3-Dichloropropene  
 Concen: 5.654 ug/l  
 RT: 10.89 min Scan# 962  
 Delta R.T. 0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

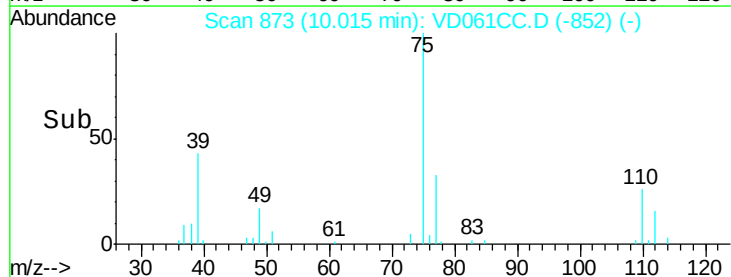
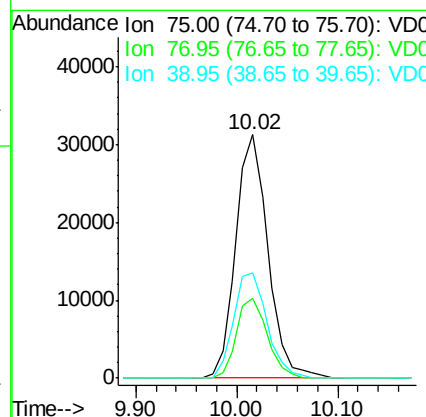
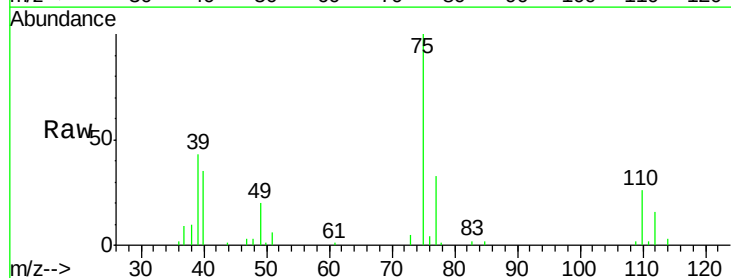
Instrument :  
 MSVOA\_D  
 ClientSampled :

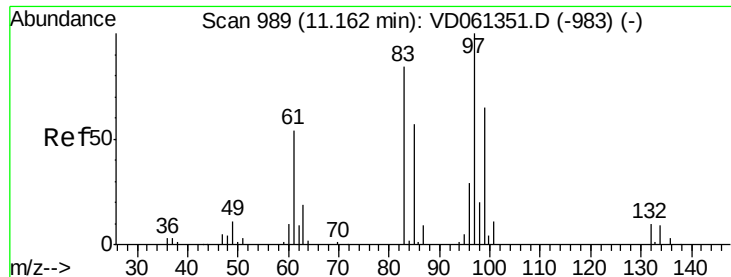
Tot Ion: 75 Resp: 53059  
 Ion Ratio Lower Upper  
 75 100  
 77 34.6 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 6.067 ug/l  
 RT: 10.02 min Scan# 873  
 Delta R.T. 0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

Tgt Ion: 75 Resp: 69322  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 26.2 39.4  
 39 43.1 39.4 59.0





#55

1,1,2-Trichloroethane

Concen: 5.891 ug/l

RT: 11.17 min Scan# 990

Delta R.T. 0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 97 Resp: 33891

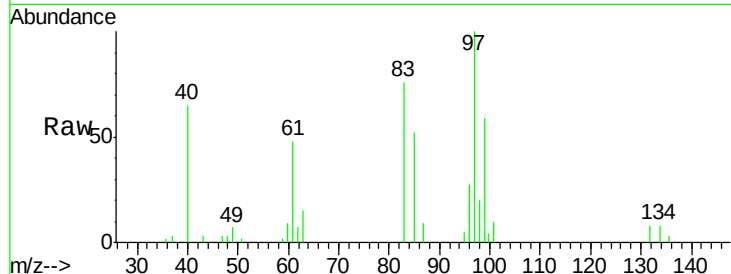
Ion Ratio Lower Upper

97 100

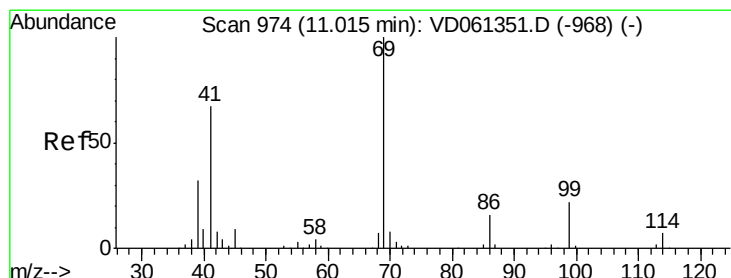
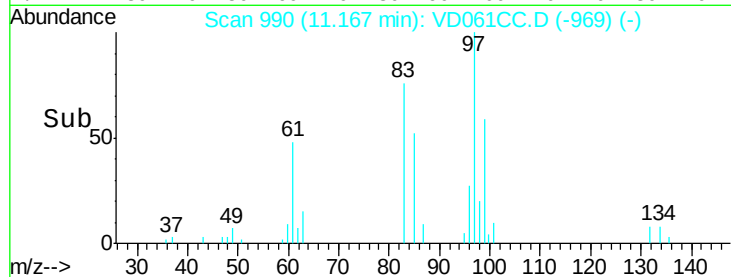
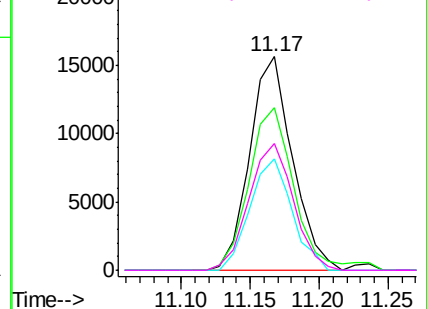
83 75.9 67.0 100.6

85 52.4 45.4 68.2

99 59.2 51.9 77.9



Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 82.95 (82.65 to 83.65): VDC  
Ion 84.95 (84.65 to 85.65): VDC  
Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 5.875 ug/l

RT: 11.02 min Scan# 975

Delta R.T. 0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

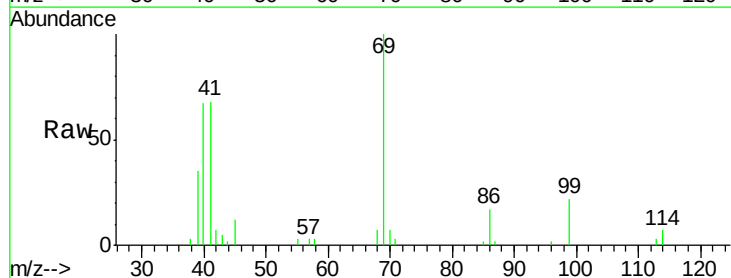
Tgt Ion: 69 Resp: 36307

Ion Ratio Lower Upper

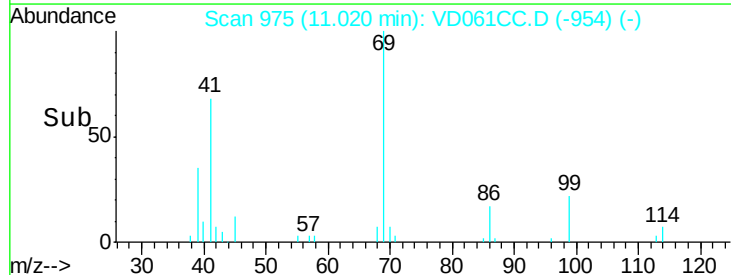
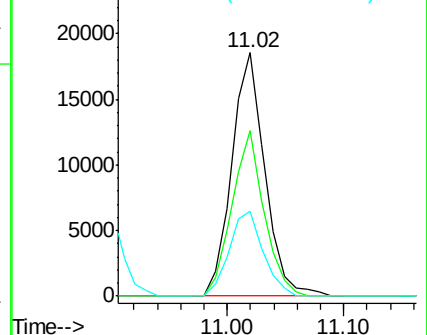
69 100

41 68.0 53.8 80.6

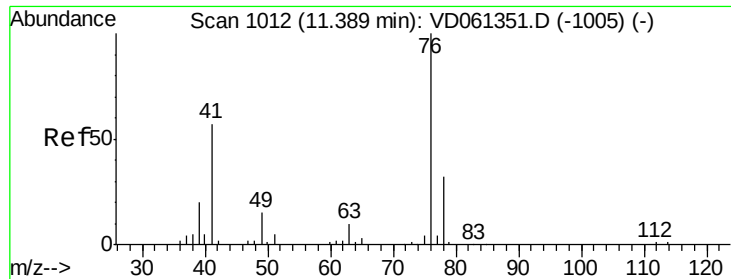
39 35.0 26.4 39.6



Abundance Ion 69.00 (68.70 to 69.70): VDC  
Ion 41.05 (40.75 to 41.75): VDC  
Ion 38.95 (38.65 to 39.65): VDC



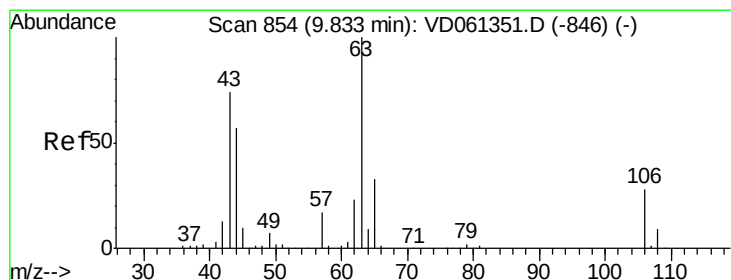
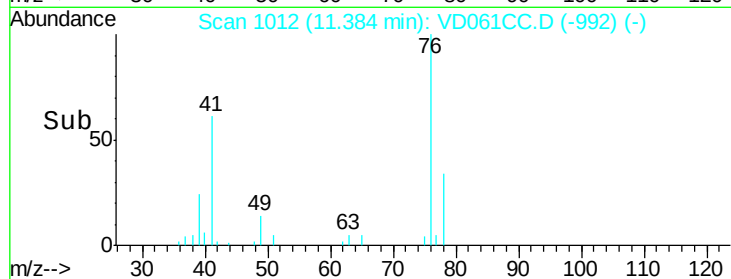
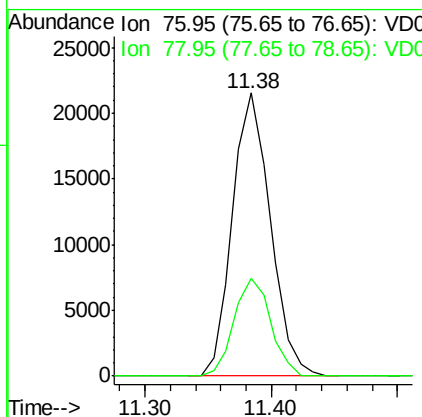
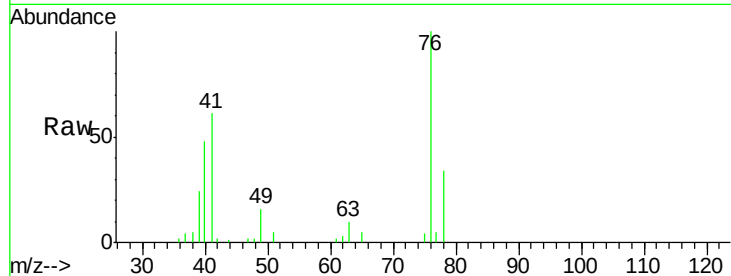




#57  
 1,3-Dichloropropane  
 Concen: 5.308 ug/l  
 RT: 11.38 min Scan# 1012  
 Delta R.T. -0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

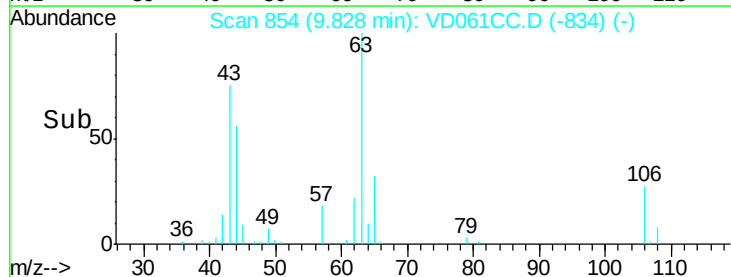
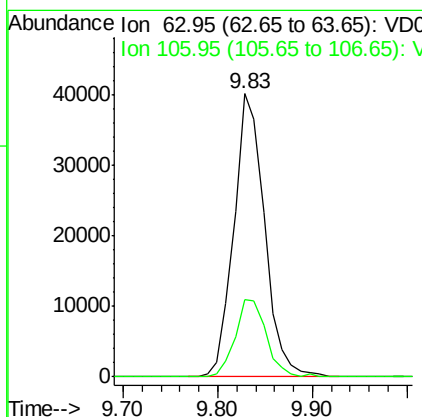
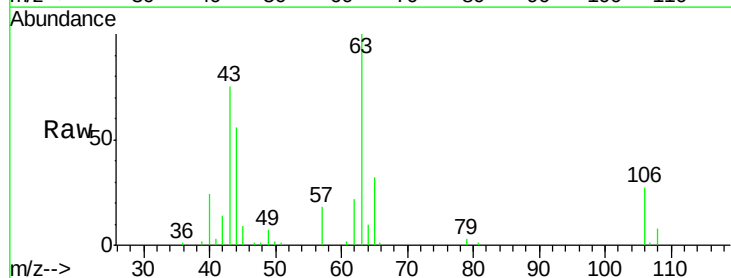
Instrument :  
 MSVOA\_D  
 ClientSampled :

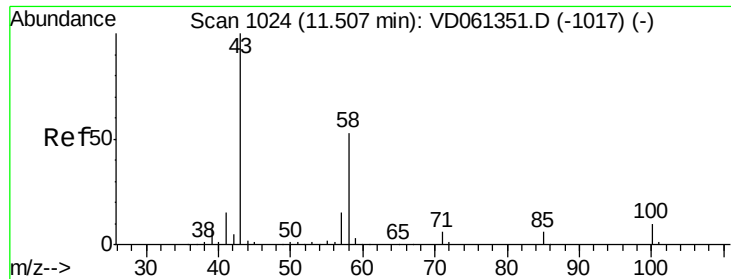
Tot Ion: 76 Resp: 44884  
 Ion Ratio Lower Upper  
 76 100  
 78 34.4 25.4 38.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 29.912 ug/l  
 RT: 9.83 min Scan# 854  
 Delta R.T. -0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

Tgt Ion: 63 Resp: 90022  
 Ion Ratio Lower Upper  
 63 100  
 106 27.2 22.4 33.6

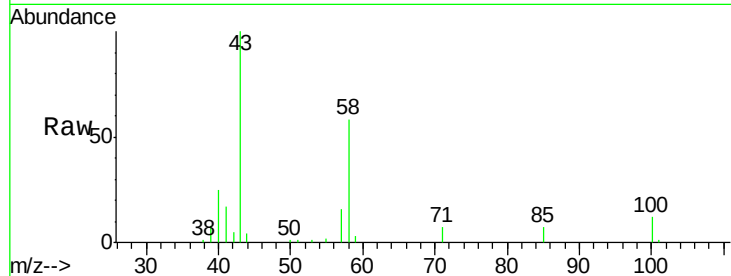




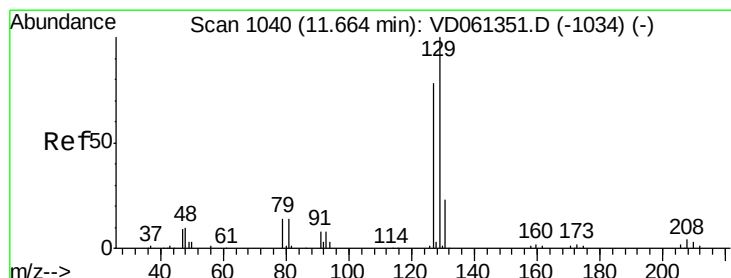
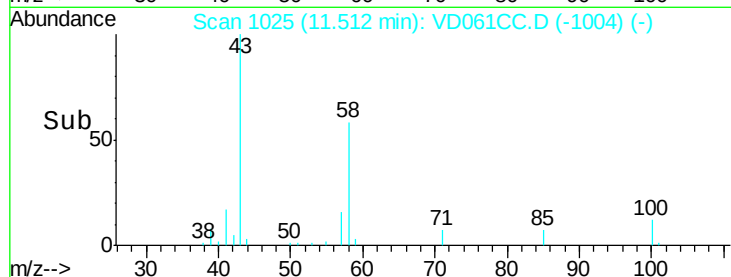
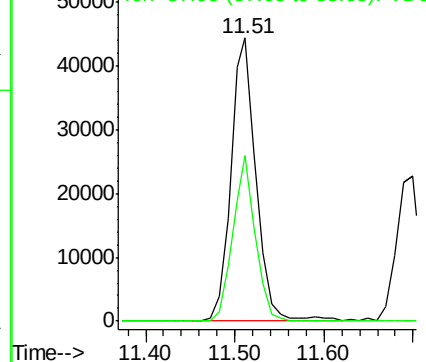
#59  
2-Hexanone  
Concen: 29.758 ug/l  
RT: 11.51 min Scan# 1025  
Delta R.T. 0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 87690  
Ion Ratio Lower Upper  
43 100  
58 58.4 26.3 78.9

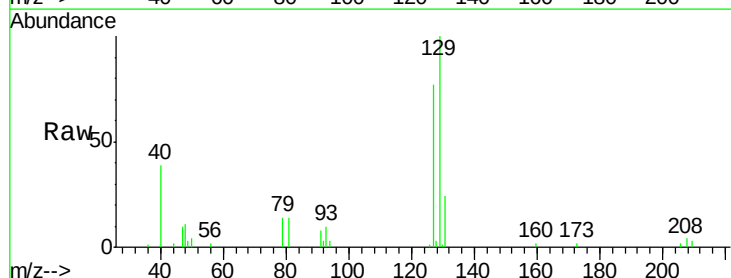


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

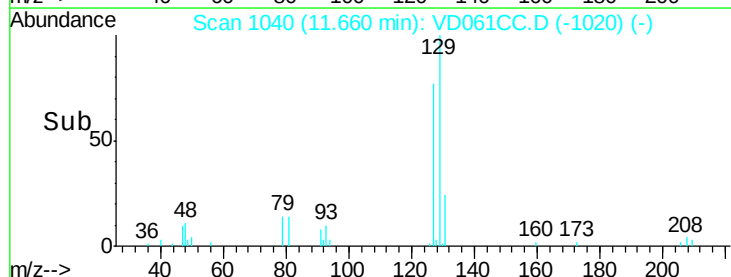
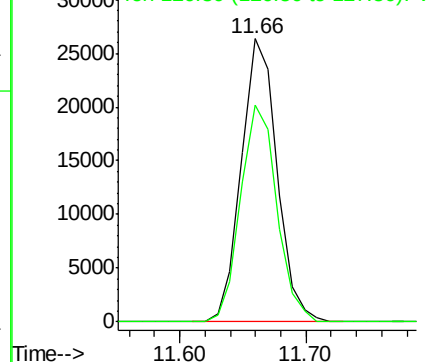


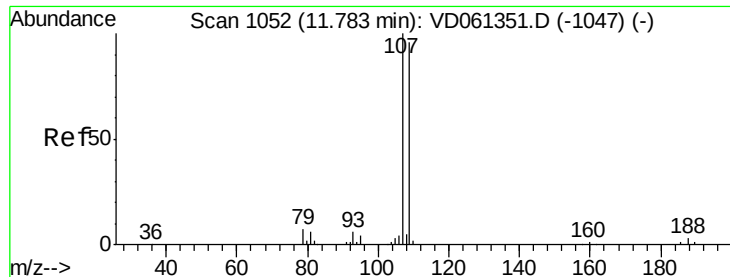
#60  
Dibromochloromethane  
Concen: 5.850 ug/l  
RT: 11.66 min Scan# 1040  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion: 129 Resp: 51876  
Ion Ratio Lower Upper  
129 100  
127 76.8 39.0 116.9



Abundance Ion 128.80 (128.50 to 129.50): VDC  
Ion 126.80 (126.50 to 127.50): VDC

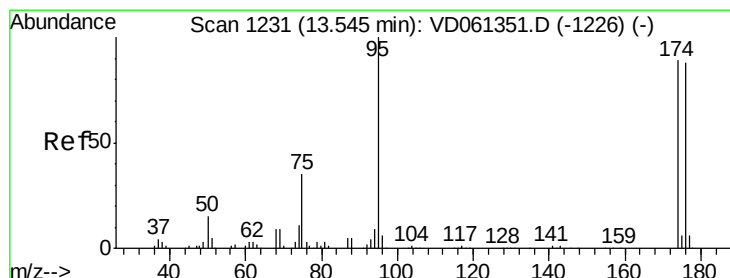
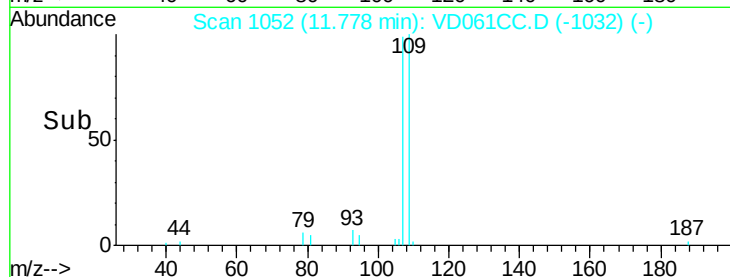
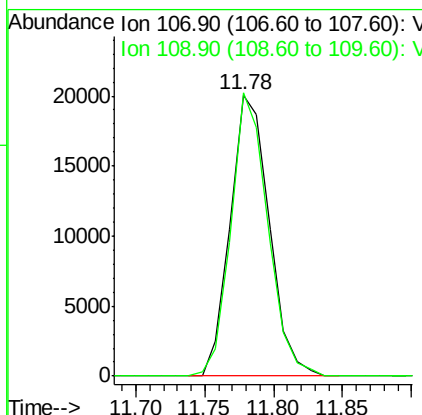
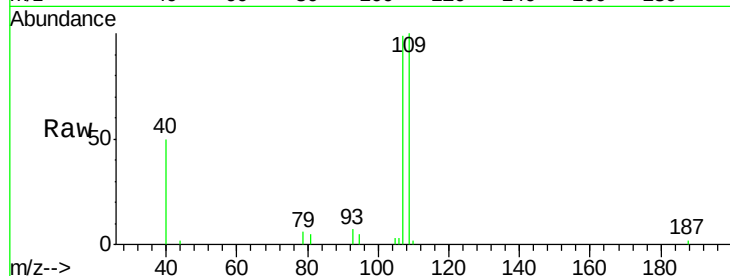




#61  
 1,2-Dibromoethane  
 Concen: 5.935 ug/l  
 RT: 11.78 min Scan# 1052  
 Delta R.T. -0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

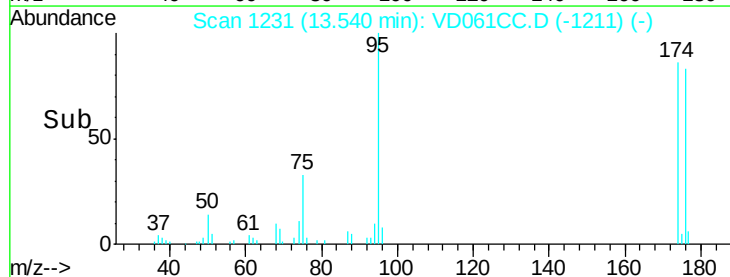
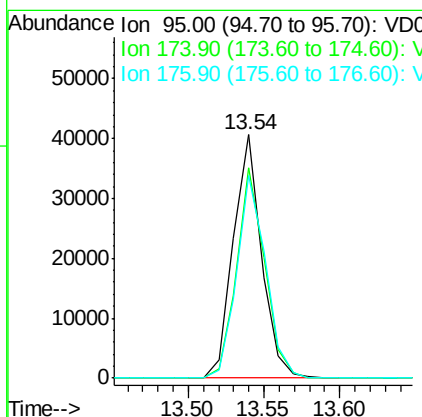
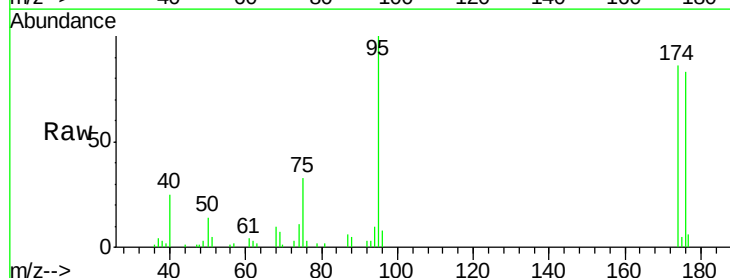
Instrument :  
 MSVOA\_D  
 ClientSampleId :

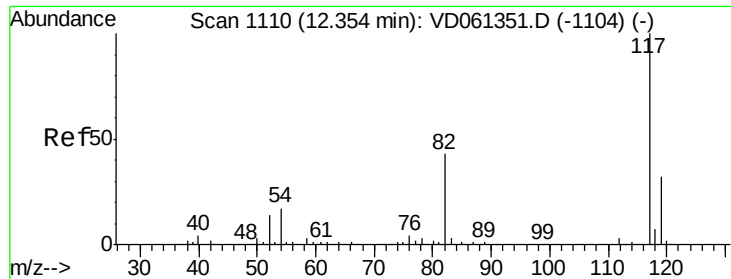
Tot Ion: 107 Resp: 39533  
 Ion Ratio Lower Upper  
 107 100  
 109 100.7 76.6 114.8



#62  
 4-Bromofluorobenzene  
 Concen: 5.935 ug/l  
 RT: 13.54 min Scan# 1231  
 Delta R.T. -0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

Tgt Ion: 95 Resp: 52237  
 Ion Ratio Lower Upper  
 95 100  
 174 86.4 0.0 178.0  
 176 83.2 0.0 175.0

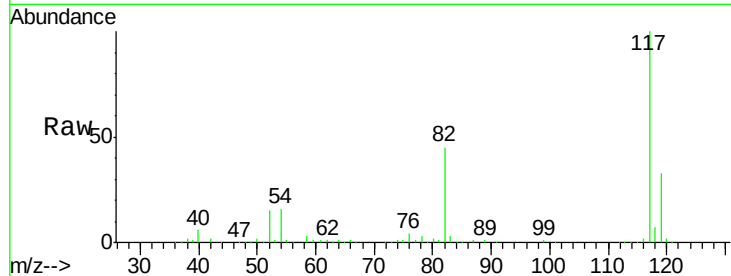




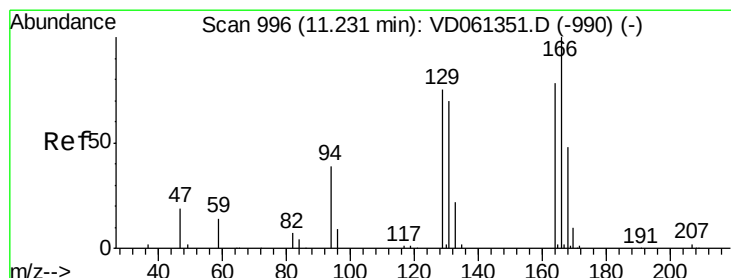
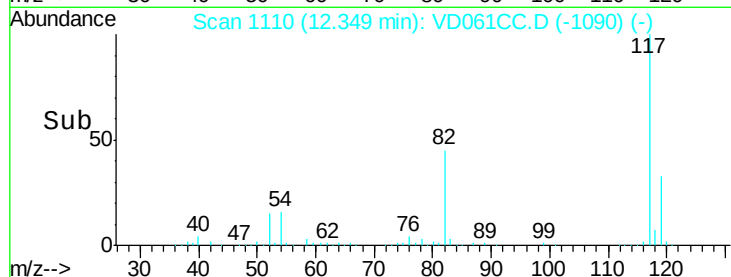
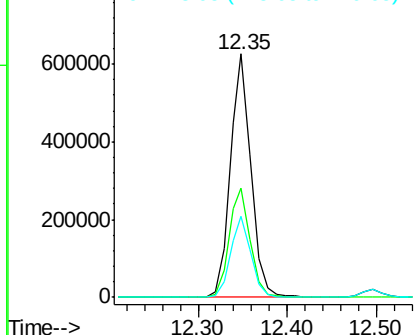
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.35 min Scan# 1110  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:117 Resp: 1019604  
Ion Ratio Lower Upper  
117 100  
82 45.1 34.4 51.6  
119 33.5 25.8 38.6

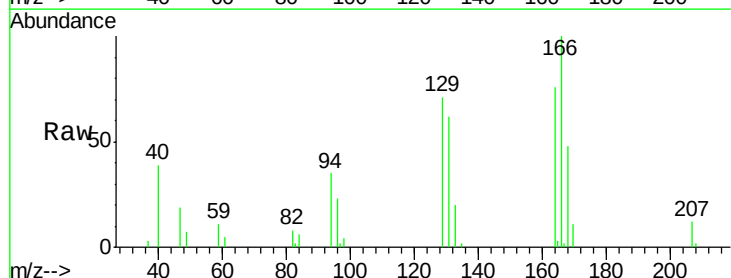


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

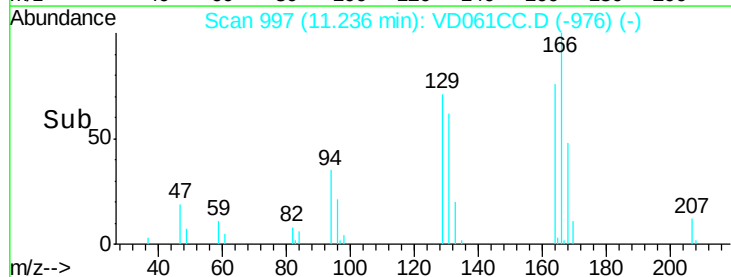
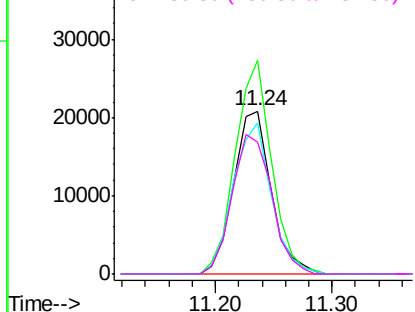


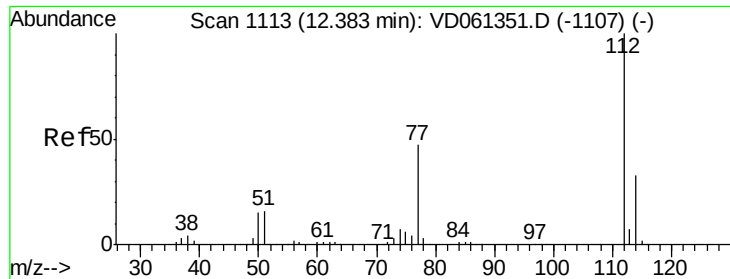
#64  
Tetrachloroethene  
Concen: 5.808 ug/l  
RT: 11.24 min Scan# 997  
Delta R.T. 0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion:164 Resp: 46480  
Ion Ratio Lower Upper  
164 100  
166 131.3 102.4 153.6  
129 92.6 76.8 115.2  
131 81.2 71.8 107.6



Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.85 (165.55 to 166.55): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

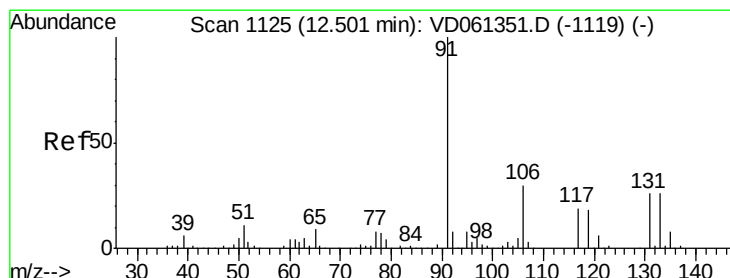
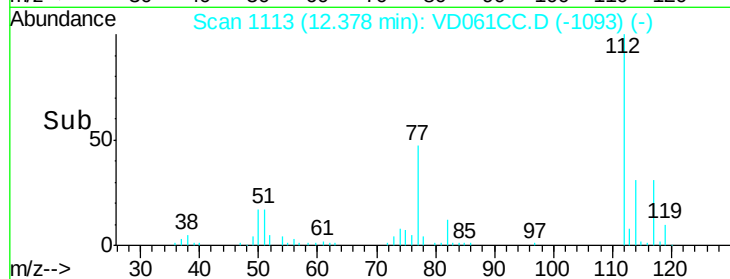
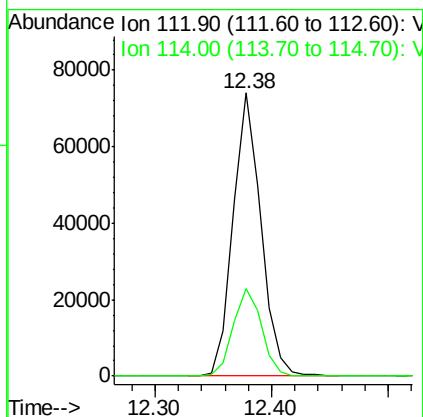
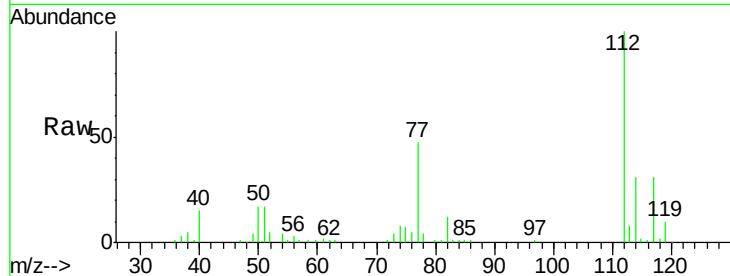




#65  
Chlorobenzene  
Concen: 5.901 ug/l  
RT: 12.38 min Scan# 1113  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

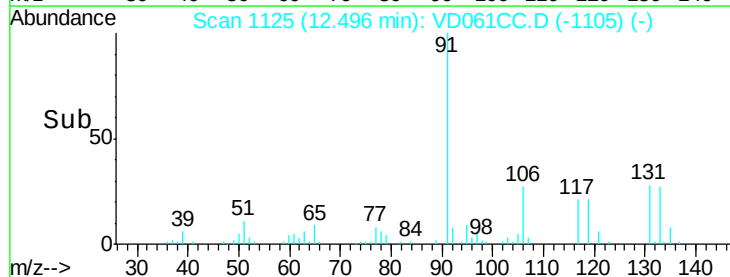
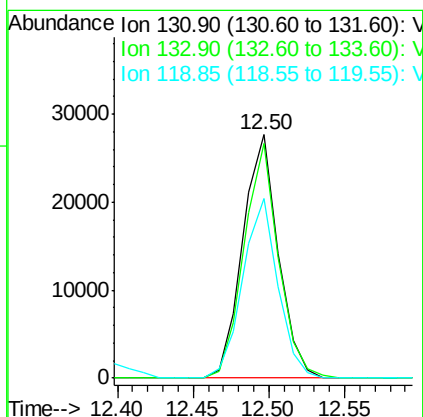
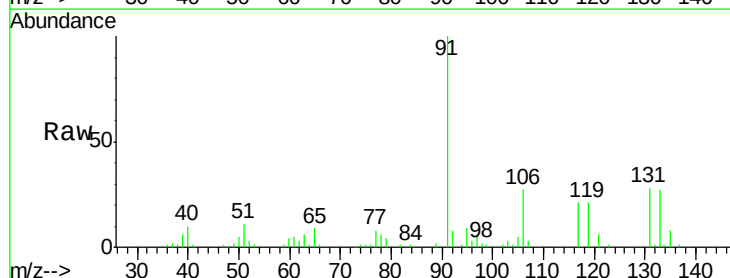
Instrument :  
MSVOA\_D  
ClientSampled :

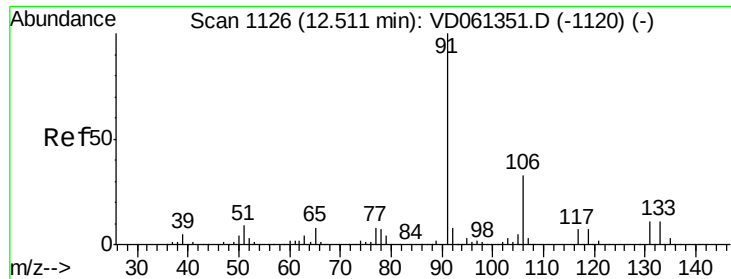
Tot Ion:112 Resp: 122964  
Ion Ratio Lower Upper  
112 100  
114 30.8 26.6 39.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.597 ug/l  
RT: 12.50 min Scan# 1125  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion:131 Resp: 45160  
Ion Ratio Lower Upper  
131 100  
133 96.6 49.4 148.2  
119 73.6 34.1 102.2

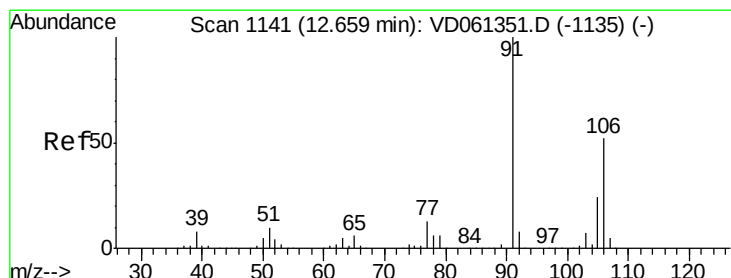
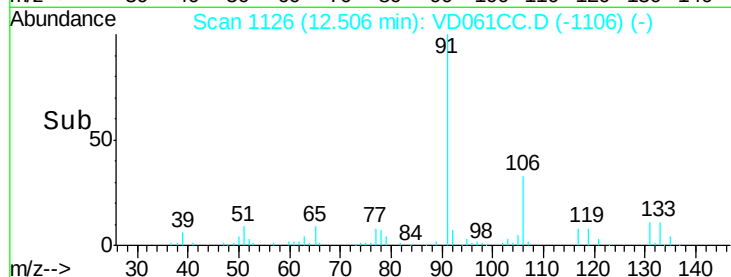
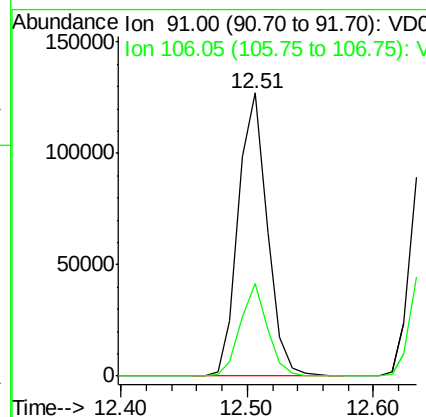
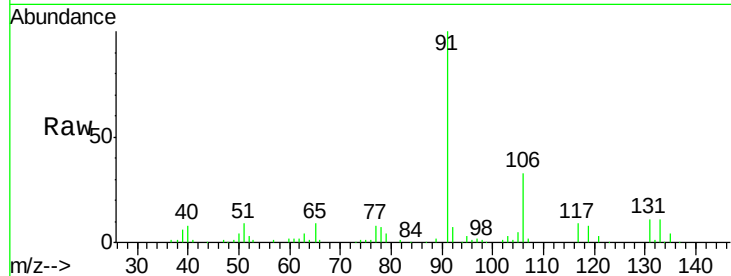




#67  
Ethyl Benzene  
Concen: 6.331 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

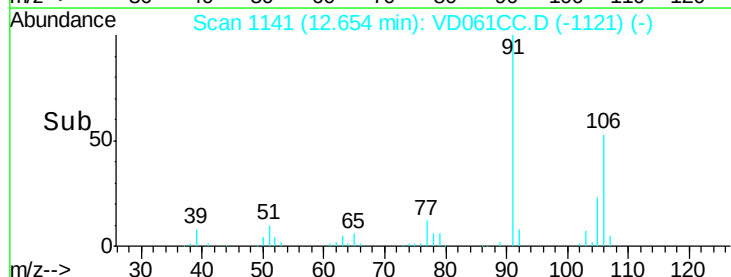
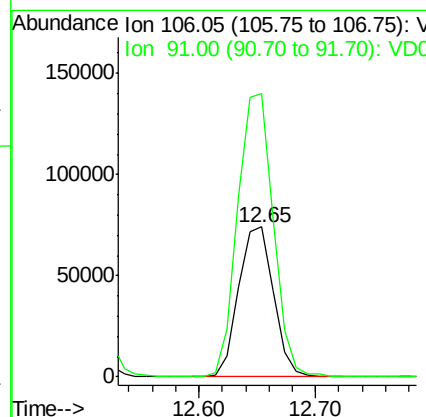
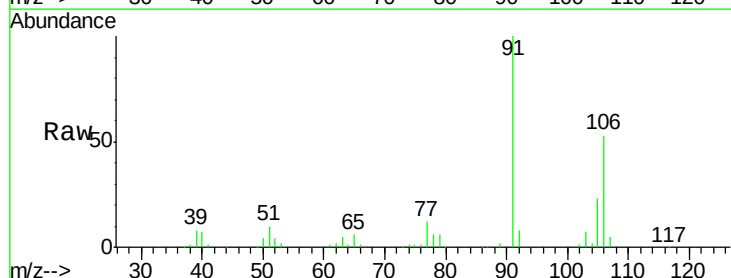
Instrument :  
MSVOA\_D  
ClientSampled :

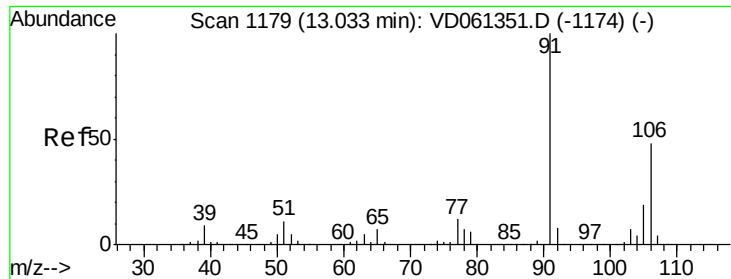
Tot Ion: 91 Resp: 201350  
Ion Ratio Lower Upper  
91 100  
106 32.6 26.1 39.1



#68  
m/p-Xylenes  
Concen: 12.800 ug/l  
RT: 12.65 min Scan# 1141  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion: 106 Resp: 154211  
Ion Ratio Lower Upper  
106 100  
91 188.5 153.1 229.7

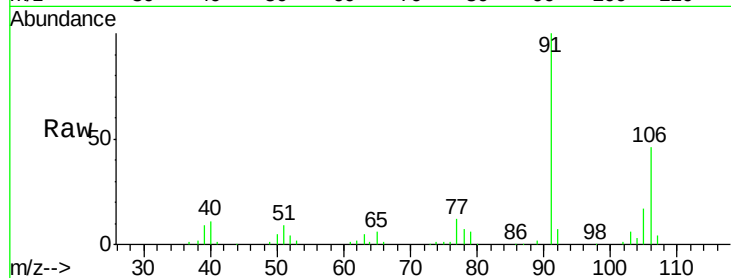




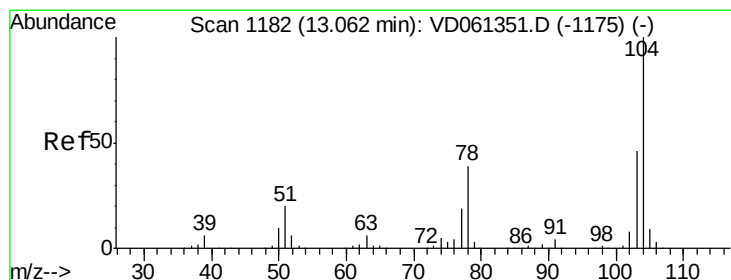
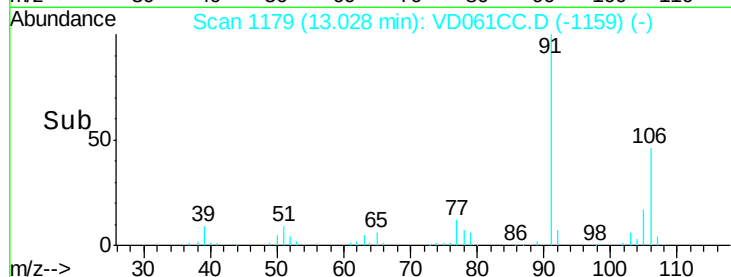
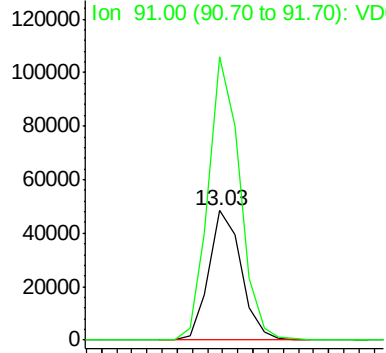
#69  
o-Xylene  
Concen: 6.191 ug/l  
RT: 13.03 min Scan# 1179  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:106 Resp: 72378  
Ion Ratio Lower Upper  
106 100  
91 218.4 103.8 311.3

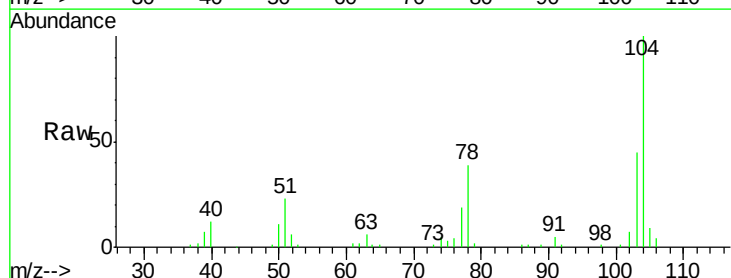


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

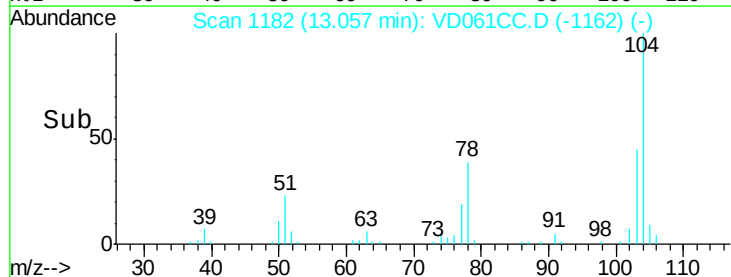
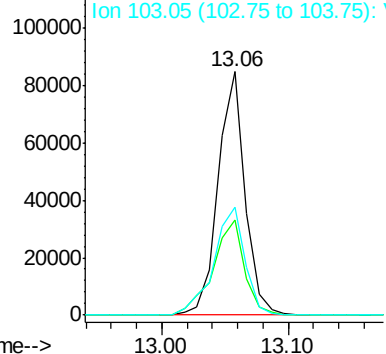


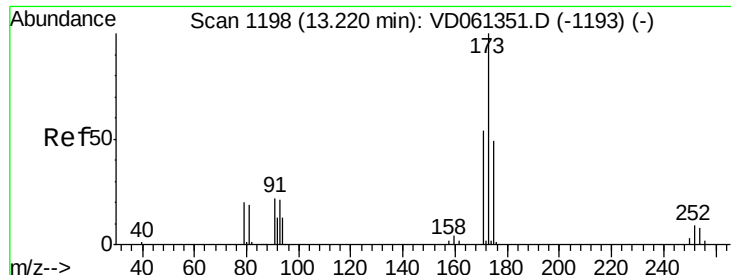
#70  
Styrene  
Concen: 6.155 ug/l  
RT: 13.06 min Scan# 1182  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion:104 Resp: 125435  
Ion Ratio Lower Upper  
104 100  
78 39.2 31.0 46.6  
103 44.5 37.0 55.4



Abundance Ion 104.05 (103.75 to 104.75): V  
Ion 77.95 (77.65 to 78.65): V  
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 5.442 ug/l

RT: 13.21 min Scan# 1198

Delta R.T. -0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

ClientSampleId :

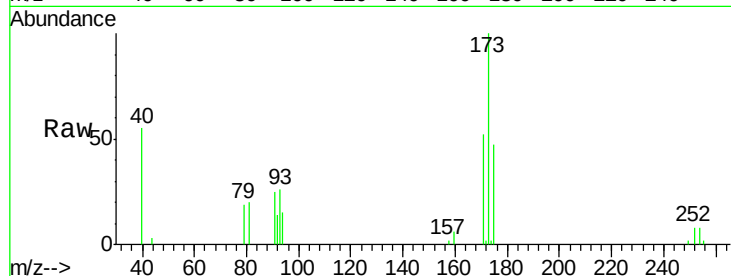
Tot Ion:173 Resp: 27830

Ion Ratio Lower Upper

173 100

175 46.7 24.6 73.8

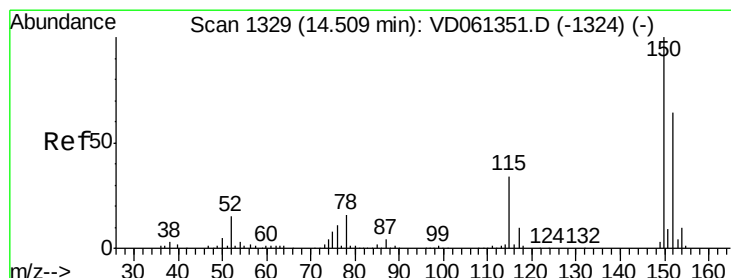
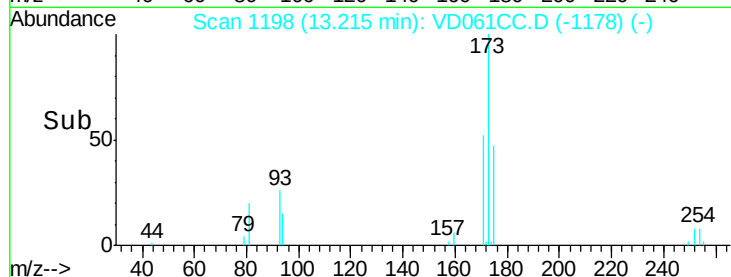
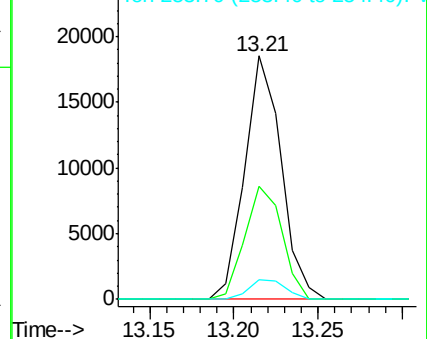
254 8.1 6.6 10.0



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.50 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

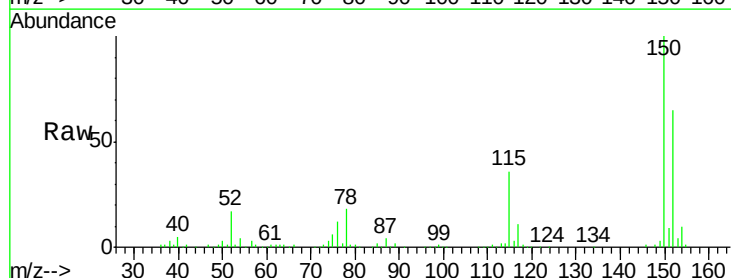
Tgt Ion:152 Resp: 445084

Ion Ratio Lower Upper

152 100

115 55.7 26.9 80.6

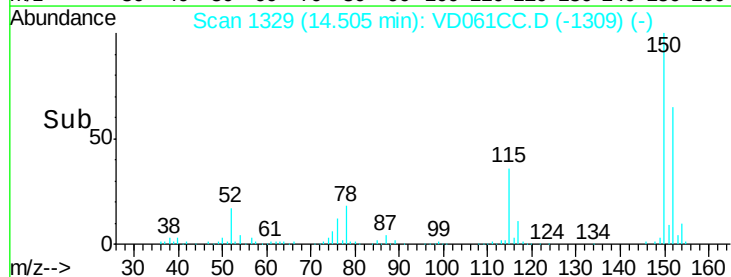
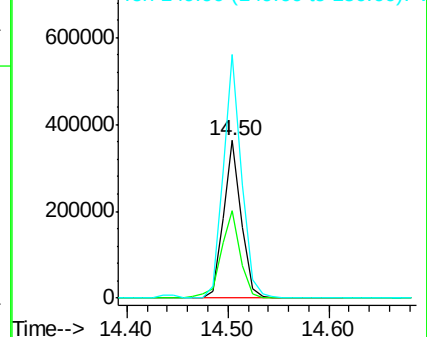
150 154.8 0.0 318.0



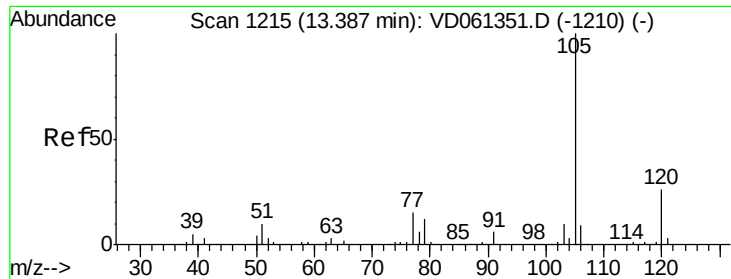
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 6.025 ug/l

RT: 13.38 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

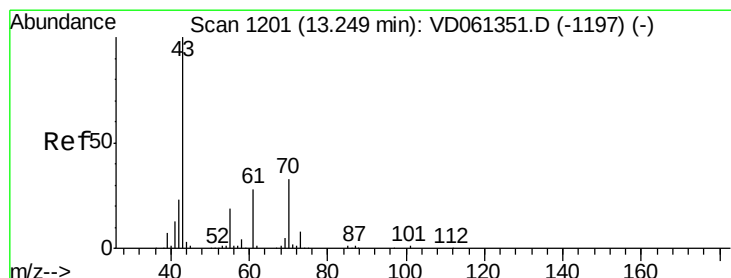
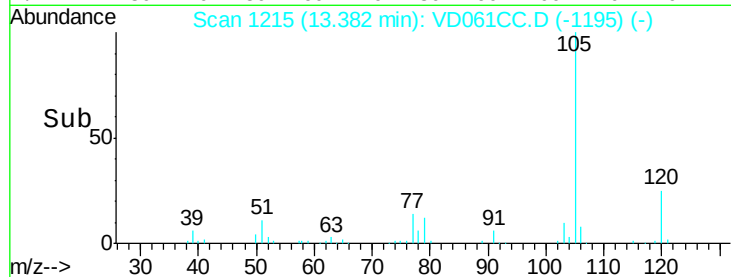
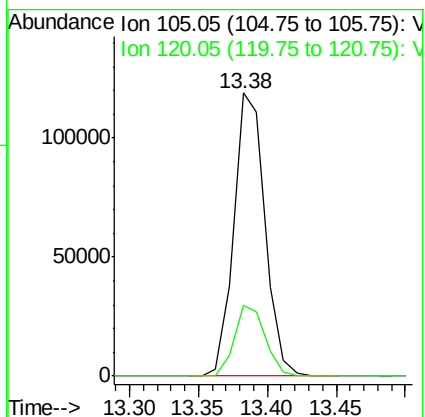
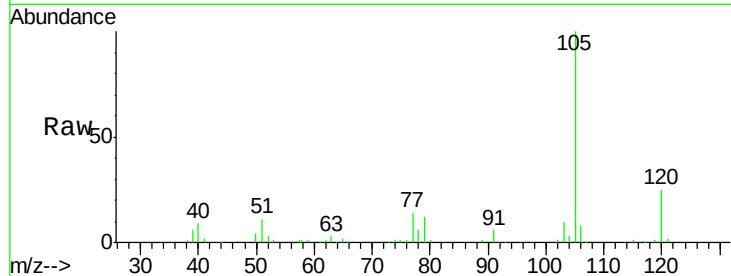
ClientSampleId :

Tot Ion:105 Resp: 186645

Ion Ratio Lower Upper

105 100

120 24.8 12.8 38.3



#74

N-ethyl acetate

Concen: 5.265 ug/l

RT: 13.24 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Tgt Ion: 43 Resp: 45437

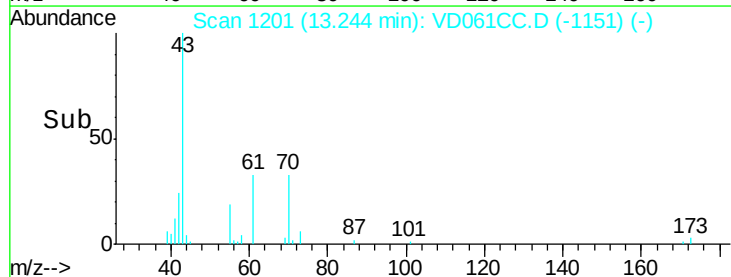
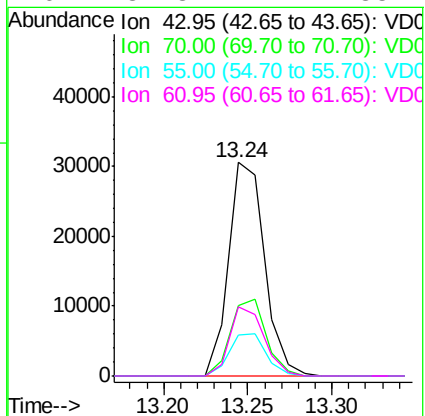
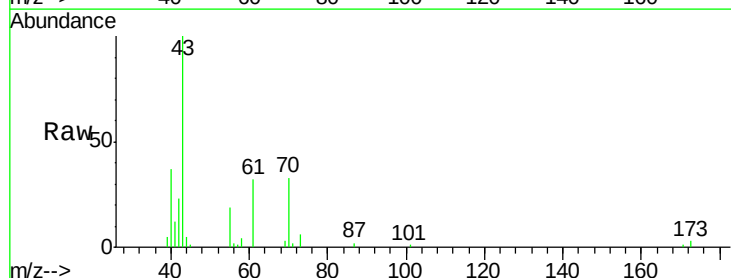
Ion Ratio Lower Upper

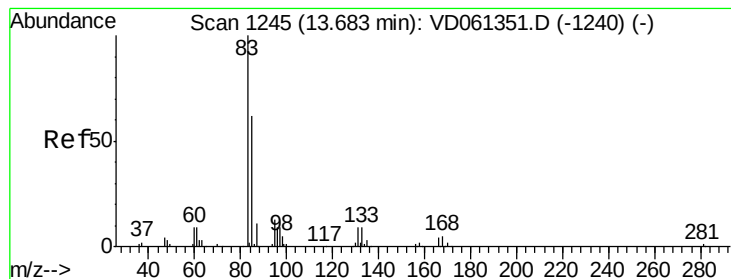
43 100

70 33.0 26.6 40.0

55 19.0 15.4 23.2

61 32.3 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.626 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. 0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

ClientSampleId :

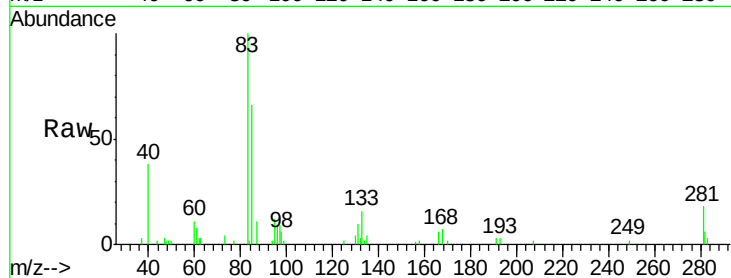
Tot Ion: 83 Resp: 36762

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.3  | 4.3   | 13.1  |
| 85  | 66.5  | 31.2  | 93.6  |

83 100

131 10.3 4.3 13.1

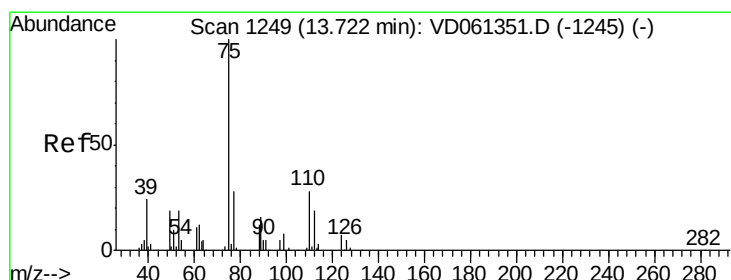
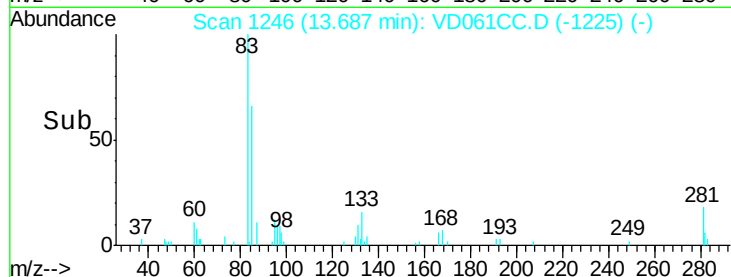
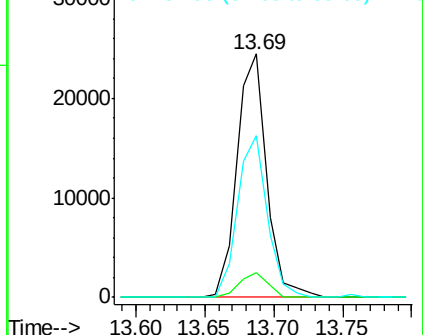
85 66.5 31.2 93.6



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 6.023 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VD061CC.D

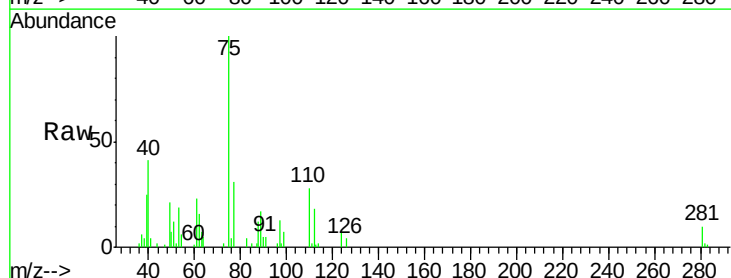
Acq: 27 Mar 2019 11:16

Tgt Ion: 75 Resp: 38723

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.1  | 16.2  | 48.5  |

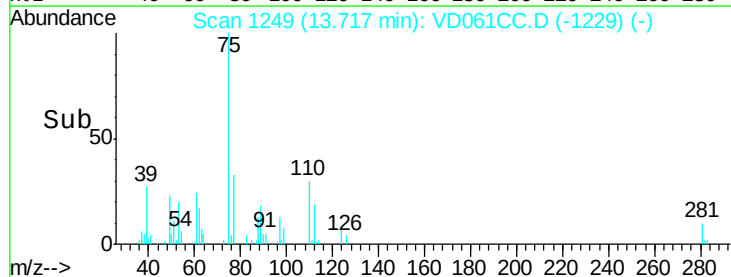
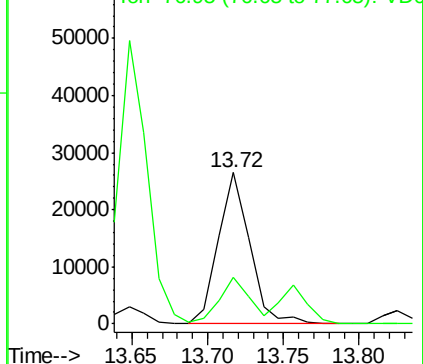
75 100

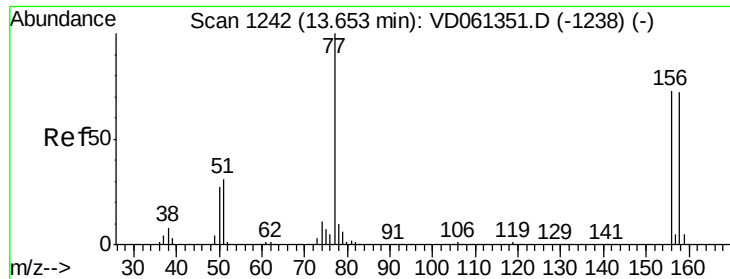
77 31.1 16.2 48.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 5.851 ug/l

RT: 13.65 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

ClientSampleId :

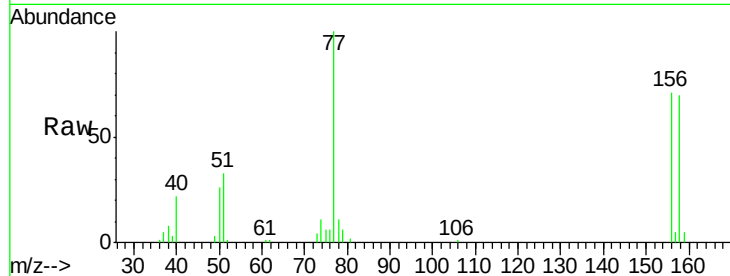
Tot Ion:156 Resp: 53730

Ion Ratio Lower Upper

156 100

77 140.1 68.5 205.6

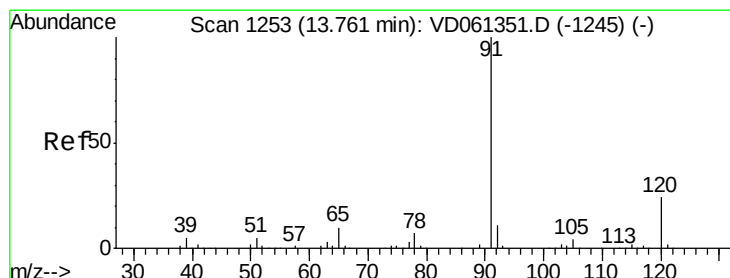
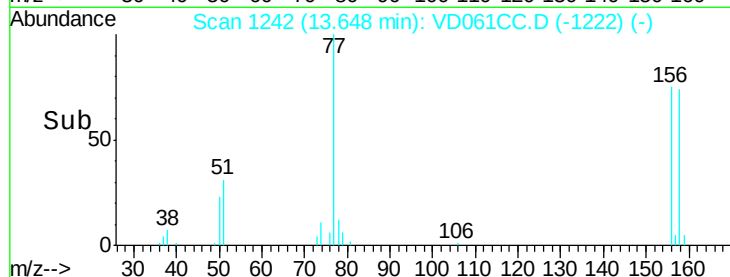
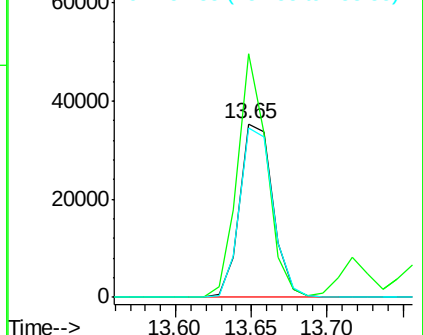
158 97.8 49.1 147.3



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 6.553 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. -0.00 min

Lab File: VD061CC.D

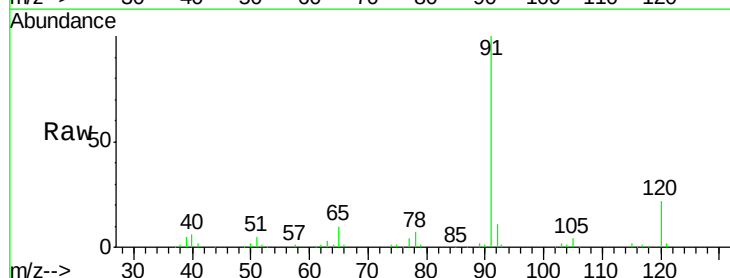
Acq: 27 Mar 2019 11:16

Tgt Ion: 91 Resp: 248429

Ion Ratio Lower Upper

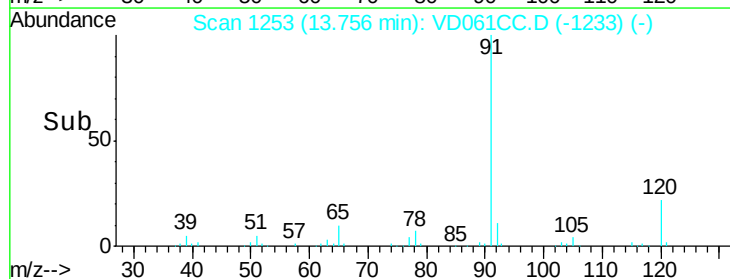
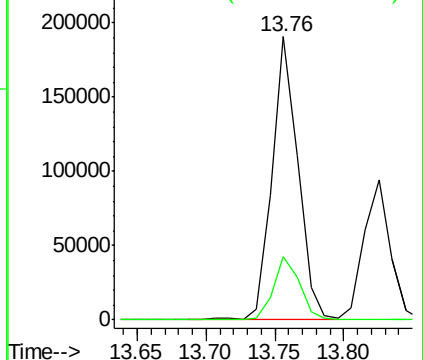
91 100

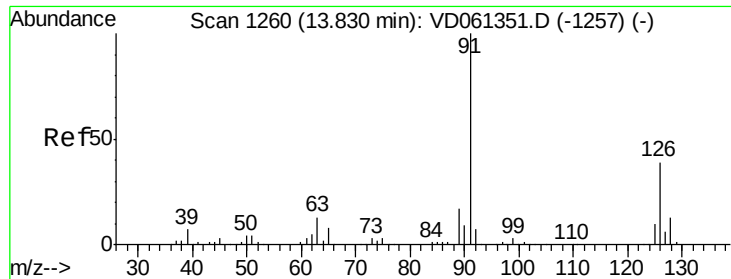
120 22.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 6.156 ug/l

RT: 13.83 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

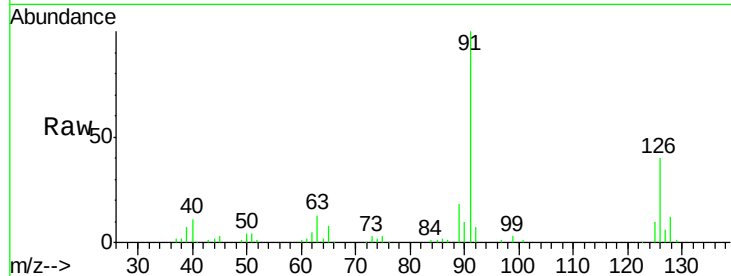
ClientSampleId :

Tot Ion: 91 Resp: 126716

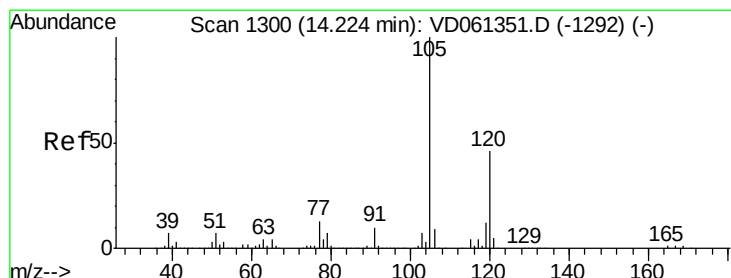
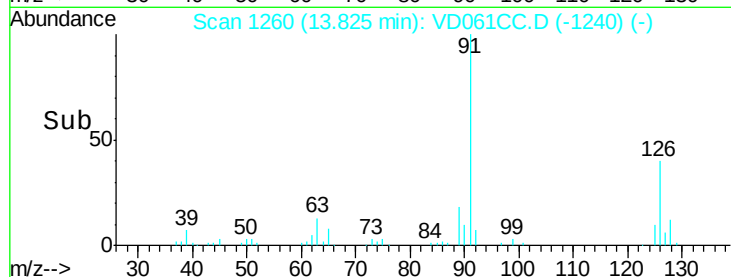
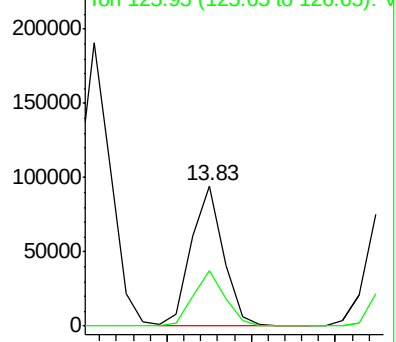
Ion Ratio Lower Upper

91 100

126 39.9 19.4 58.2



Abundance Ion 91.00 (90.70 to 91.70): VD061351.D (-1257) (-)



#80

1,3,5-Trimethylbenzene

Concen: 6.140 ug/l

RT: 14.22 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VD061CC.D

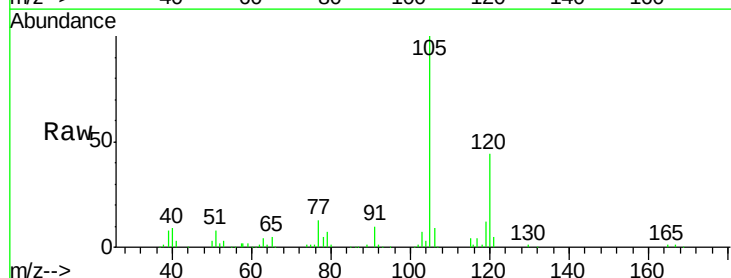
Acq: 27 Mar 2019 11:16

Tgt Ion:105 Resp: 159757

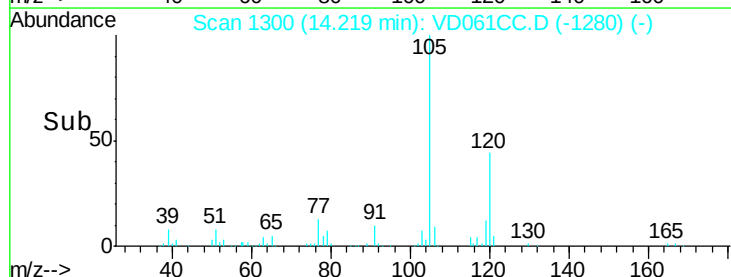
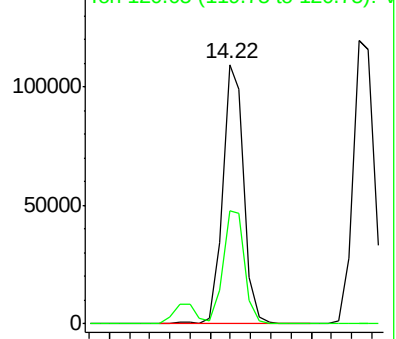
Ion Ratio Lower Upper

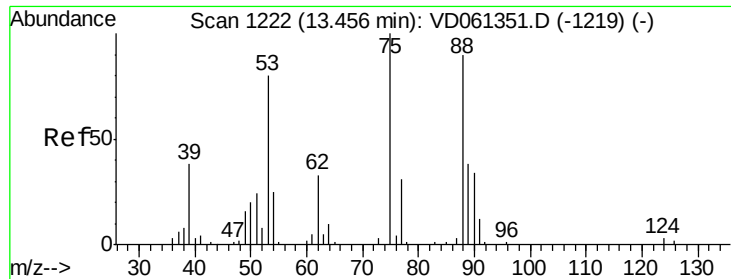
105 100

120 43.5 22.8 68.4



Abundance Ion 105.05 (104.75 to 105.75): VD061351.D (-1292) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 5.615 ug/l

RT: 13.46 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

ClientSampleId :

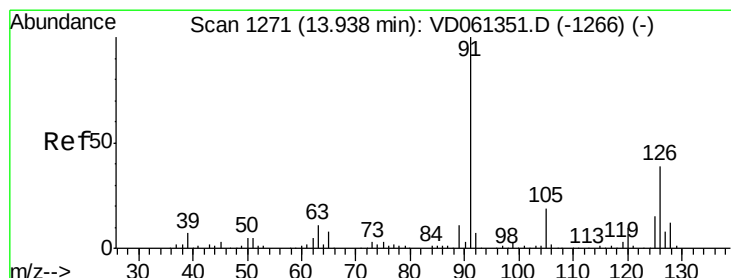
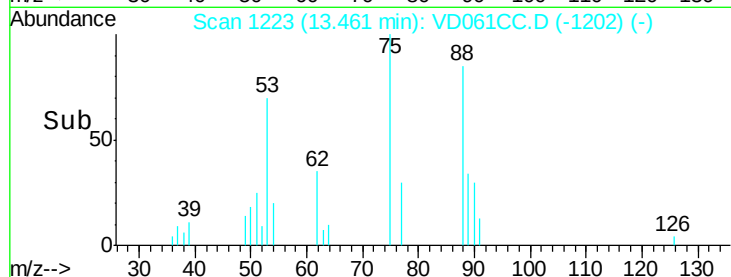
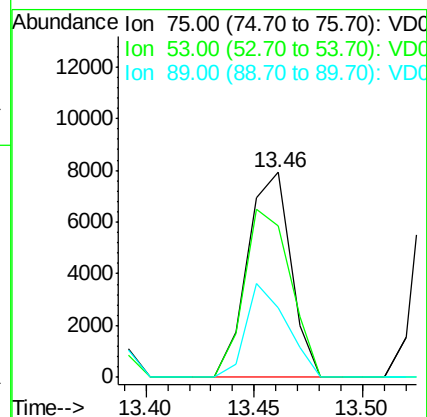
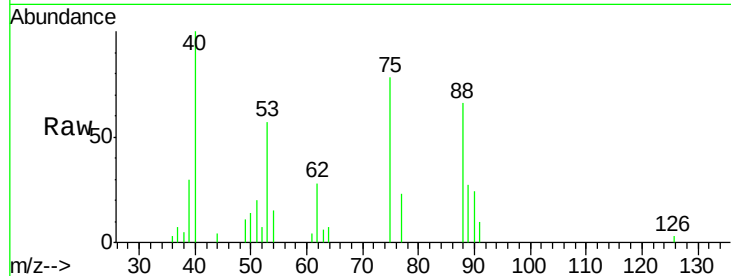
Tot Ion: 75 Resp: 11008

Ion Ratio Lower Upper

75 100

53 73.8 63.8 95.8

89 34.2 30.5 45.7



#82

4-Chlorotoluene

Concen: 6.431 ug/l

RT: 13.93 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VD061CC.D

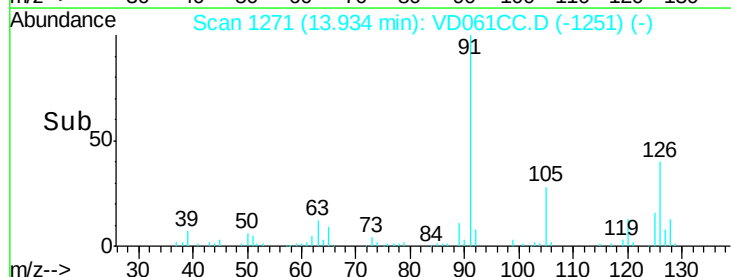
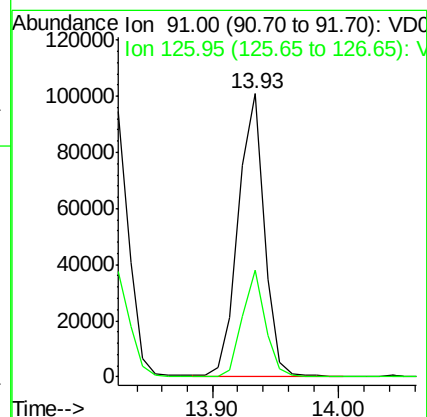
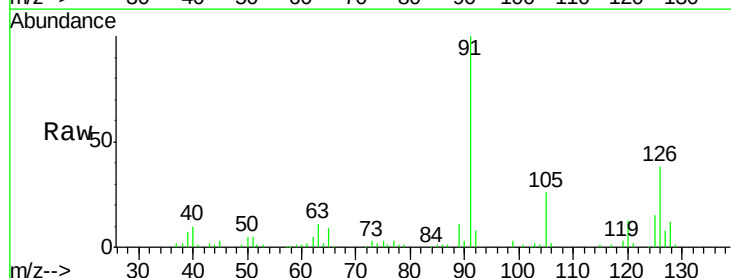
Acq: 27 Mar 2019 11:16

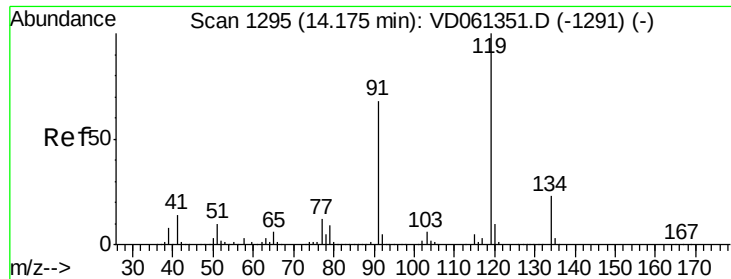
Tgt Ion: 91 Resp: 143936

Ion Ratio Lower Upper

91 100

126 37.5 19.6 58.8

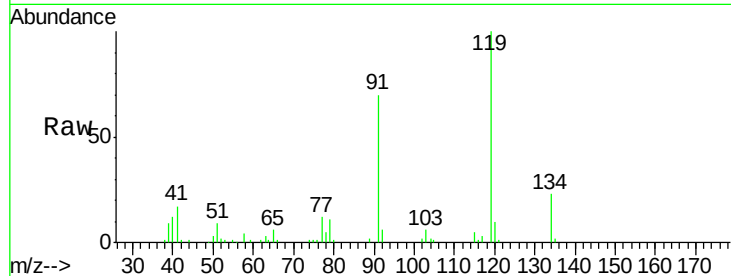




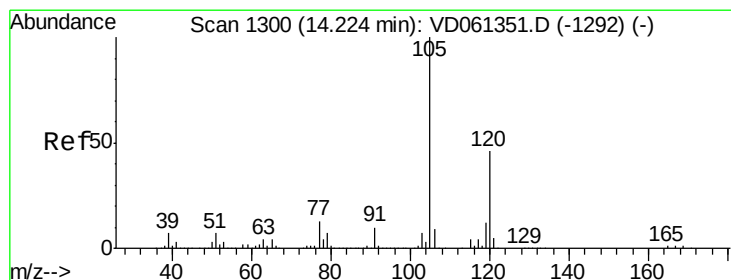
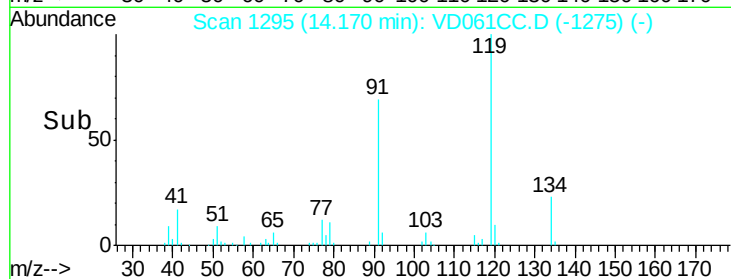
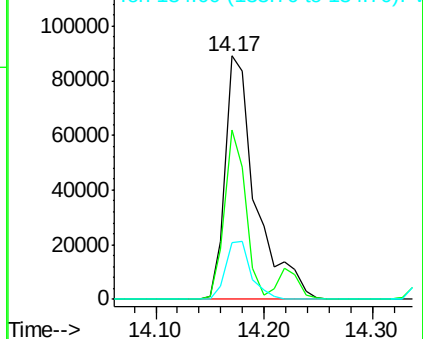
#83  
tert-Butylbenzene  
Concen: 5.871 ug/l  
RT: 14.17 min Scan# 1295  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:119 Resp: 176349  
Ion Ratio Lower Upper  
119 100  
91 69.7 34.1 102.3  
134 23.5 11.6 34.8

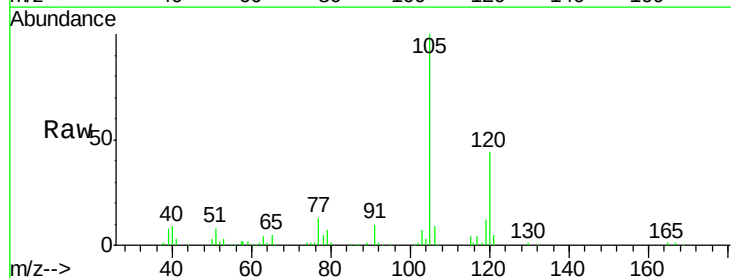


Abundance Ion 119.05 (118.75 to 119.75): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

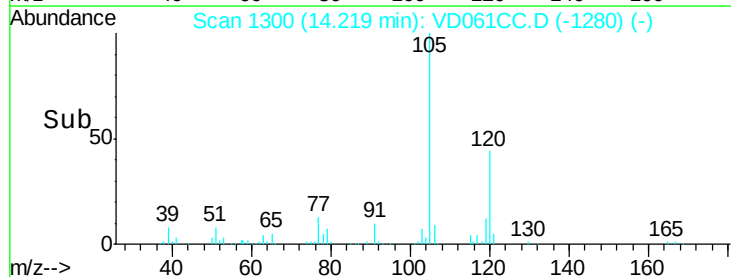
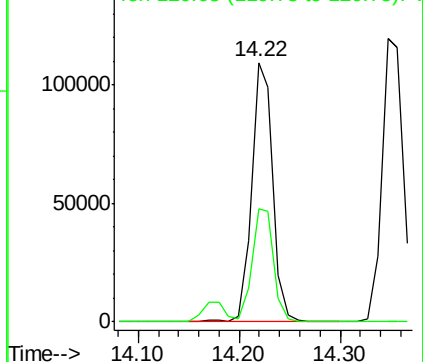


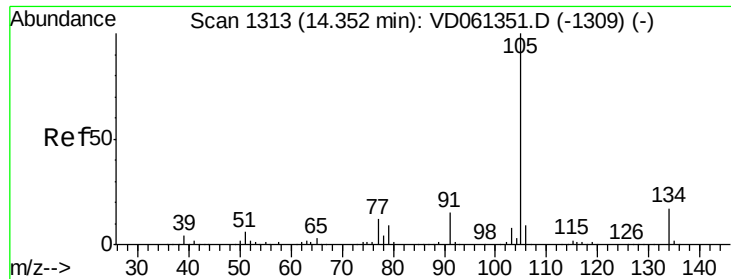
#84  
1,2,4-Trimethylbenzene  
Concen: 6.140 ug/l  
RT: 14.22 min Scan# 1300  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion:105 Resp: 159757  
Ion Ratio Lower Upper  
105 100  
120 43.5 22.8 68.4



Abundance Ion 105.05 (104.75 to 105.75): V  
Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 5.618 ug/l

RT: 14.35 min Scan# 1313

Delta R.T. -0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

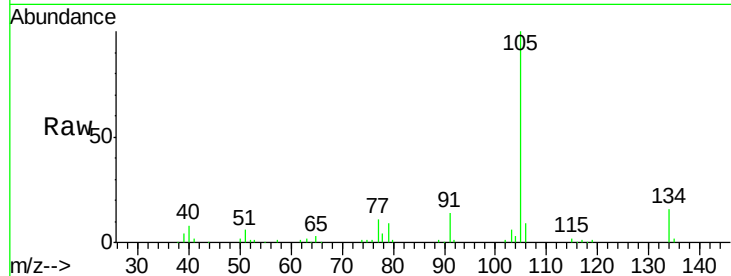
ClientSampleId :

Tot Ion:105 Resp: 179274

Ion Ratio Lower Upper

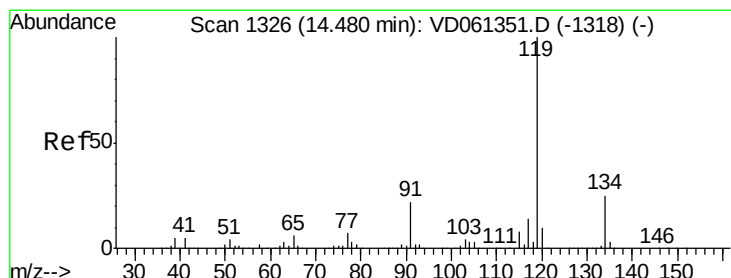
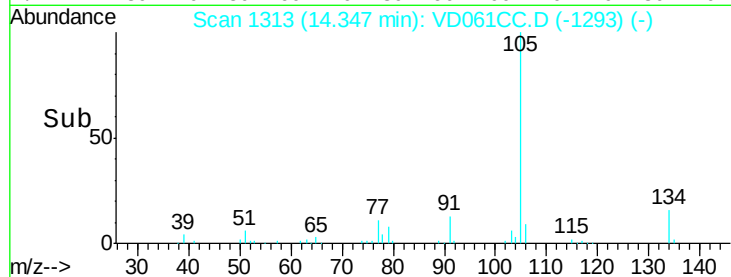
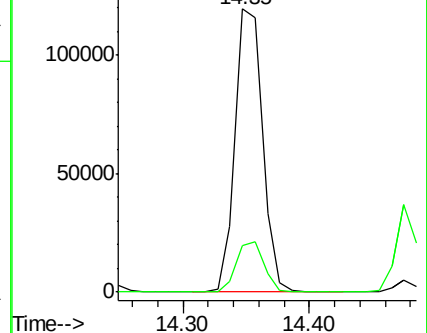
105 100

134 16.4 8.7 26.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 6.587 ug/l

RT: 14.47 min Scan# 1326

Delta R.T. -0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

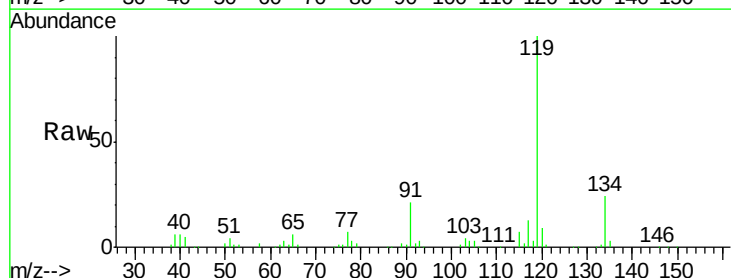
Tgt Ion:119 Resp: 177744

Ion Ratio Lower Upper

119 100

134 24.1 12.3 36.8

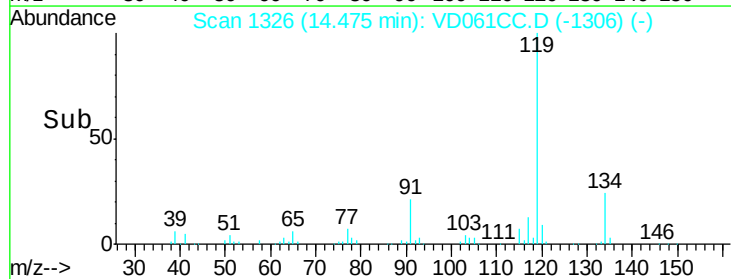
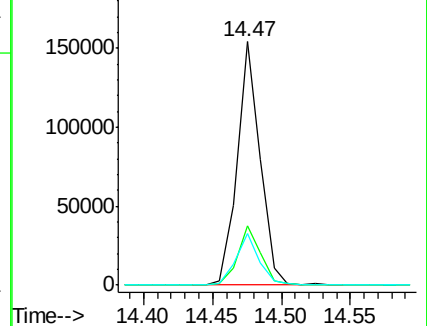
91 21.4 11.1 33.1

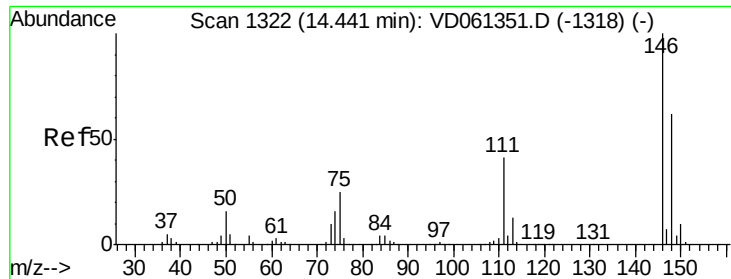


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

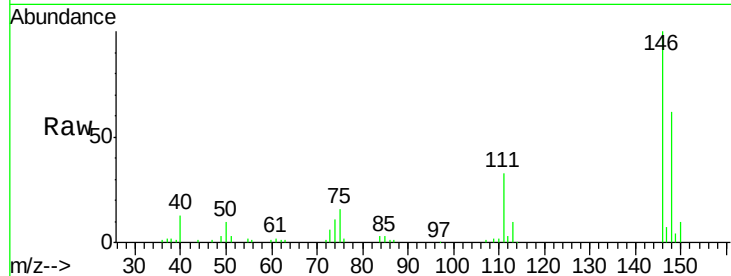




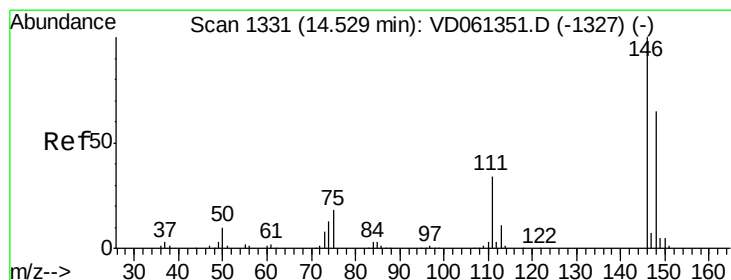
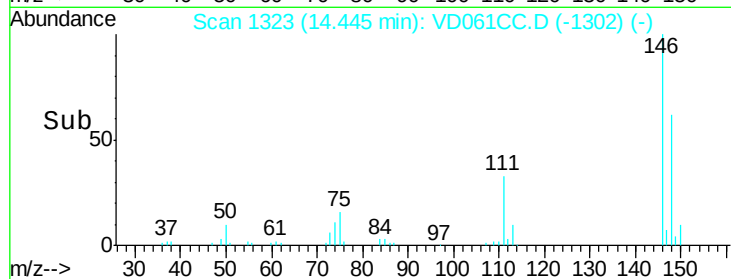
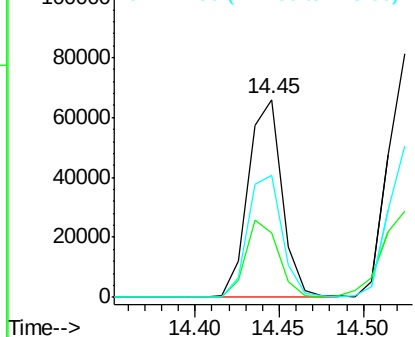
#87  
 1,3-Dichlorobenzene  
 Concen: 5.929 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. 0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

Instrument :  
 MSVOA\_D  
 ClientSampled :

Tot Ion:146 Resp: 92197  
 Ion Ratio Lower Upper  
 146 100  
 111 32.8 20.6 61.9  
 148 61.6 31.1 93.3

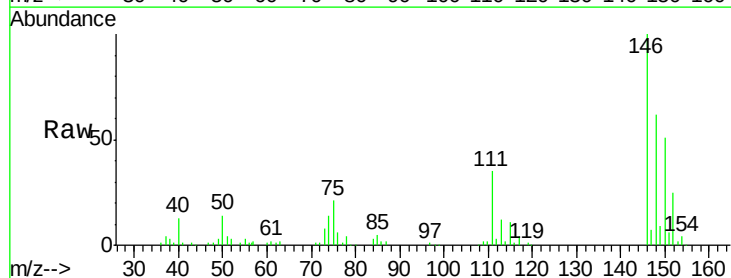


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

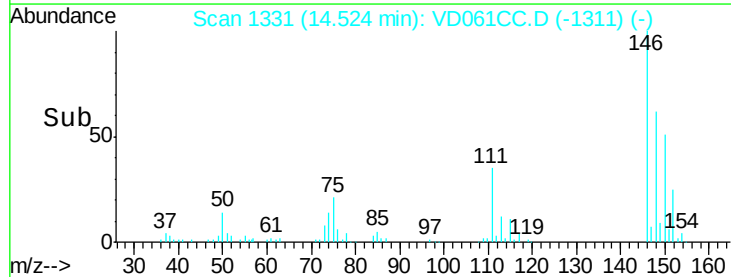
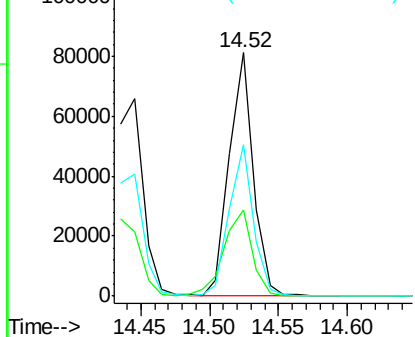


#88  
 1,4-Dichlorobenzene  
 Concen: 6.556 ug/l  
 RT: 14.52 min Scan# 1331  
 Delta R.T. -0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

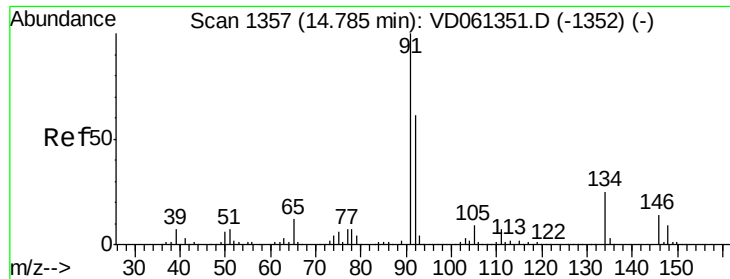
Tgt Ion:146 Resp: 99427  
 Ion Ratio Lower Upper  
 146 100  
 111 35.3 16.8 50.4  
 148 62.0 32.6 98.0



Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V







#89

n-Butylbenzene

Concen: 6.532 ug/l

RT: 14.78 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VD061CC.D

Acq: 27 Mar 2019 11:16

Instrument :

MSVOA\_D

ClientSampleId :

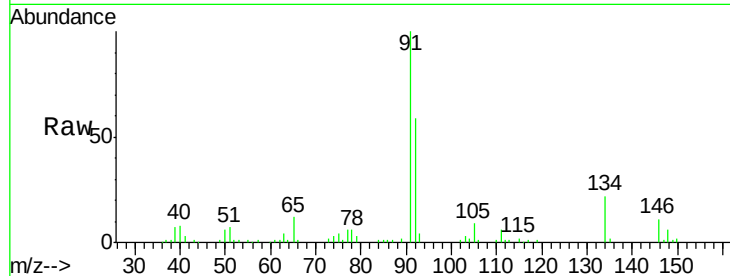
Tot Ion: 91 Resp: 161762

Ion Ratio Lower Upper

91 100

92 59.5 30.3 91.0

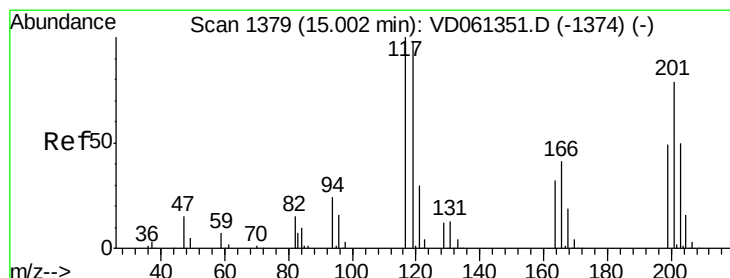
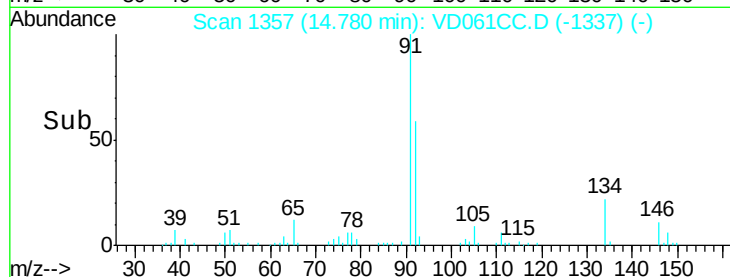
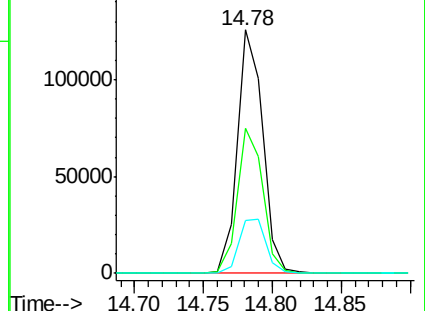
134 21.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 5.670 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.00 min

Lab File: VD061CC.D

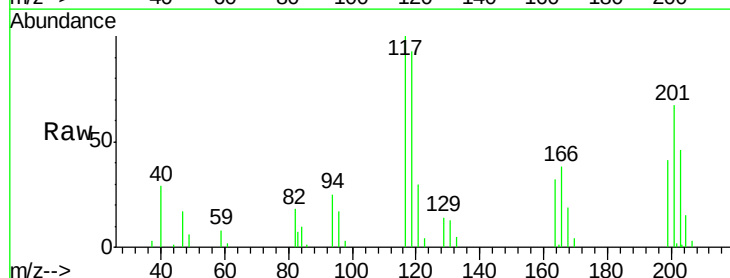
Acq: 27 Mar 2019 11:16

Tgt Ion: 117 Resp: 43220

Ion Ratio Lower Upper

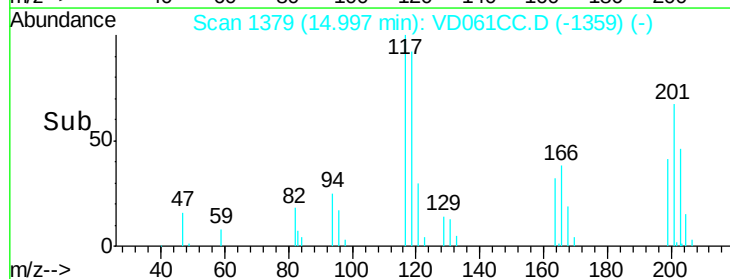
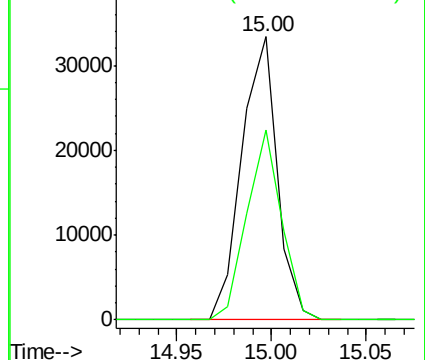
117 100

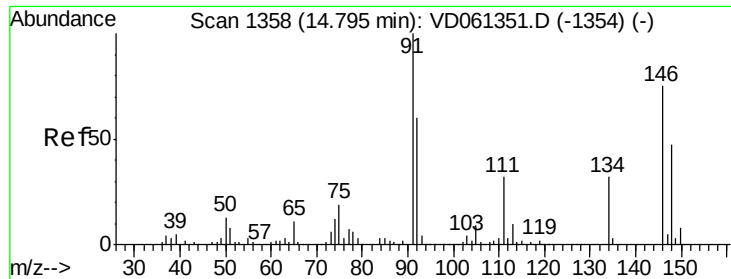
201 67.3 39.6 119.0



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

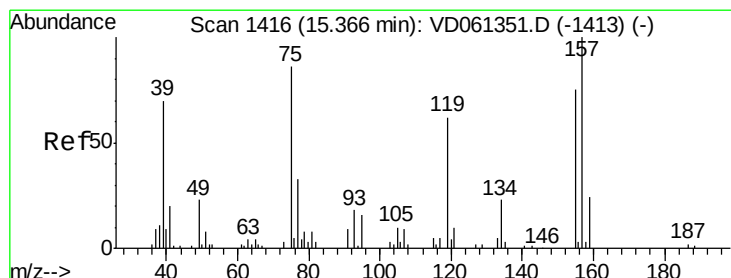
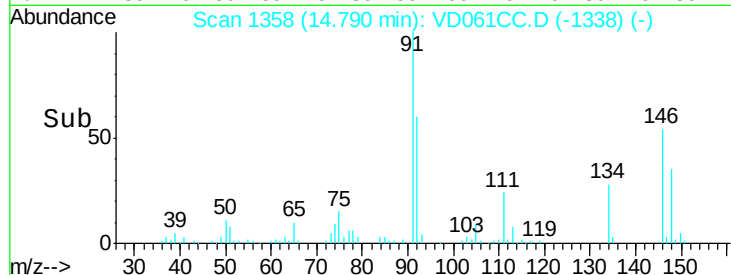
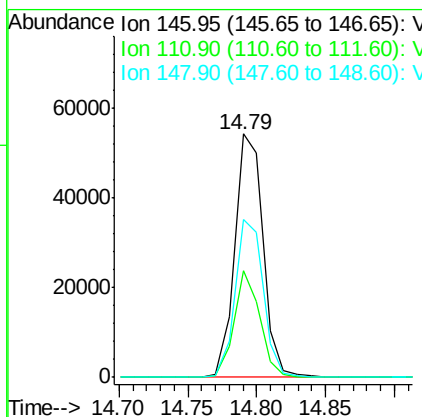
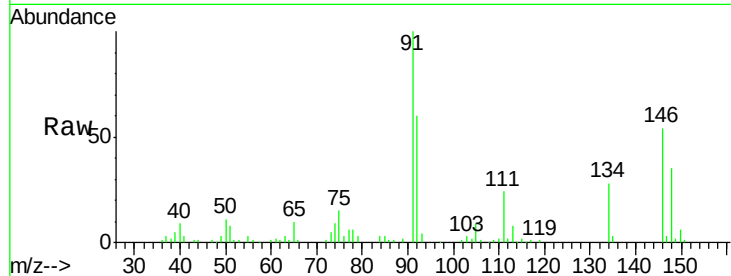




#91  
 1,2-Dichlorobenzene  
 Concen: 6.100 ug/l  
 RT: 14.79 min Scan# 1358  
 Delta R.T. -0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

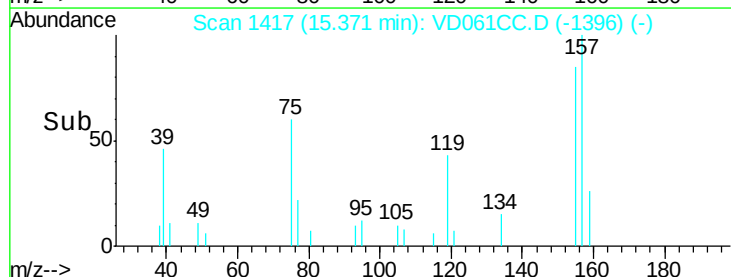
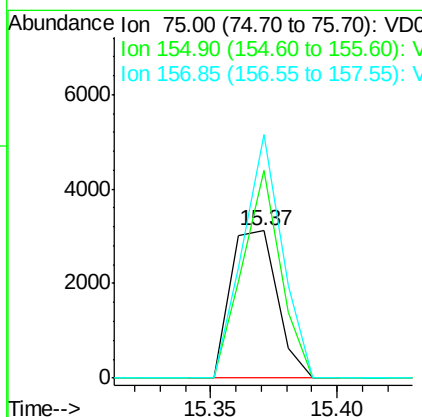
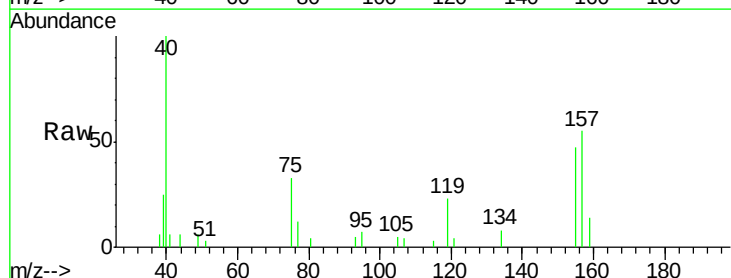
Instrument :  
 MSVOA\_D  
 ClientSampleID :

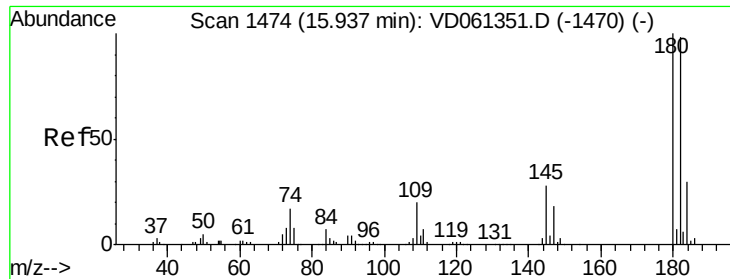
Tot Ion:146 Resp: 77813  
 Ion Ratio Lower Upper  
 146 100  
 111 43.7 21.2 63.6  
 148 64.7 31.6 95.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 5.200 ug/l  
 RT: 15.37 min Scan# 1417  
 Delta R.T. 0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

Tgt Ion: 75 Resp: 3985  
 Ion Ratio Lower Upper  
 75 100  
 155 140.9 43.6 130.9#  
 157 165.4 58.5 175.3

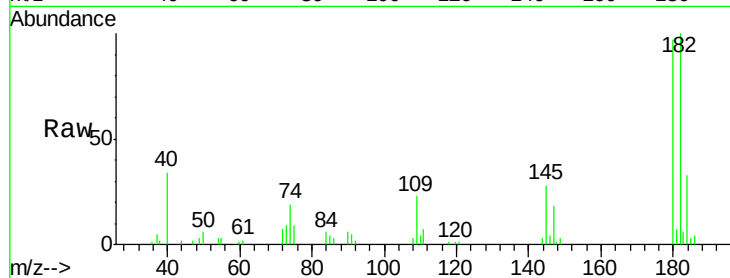




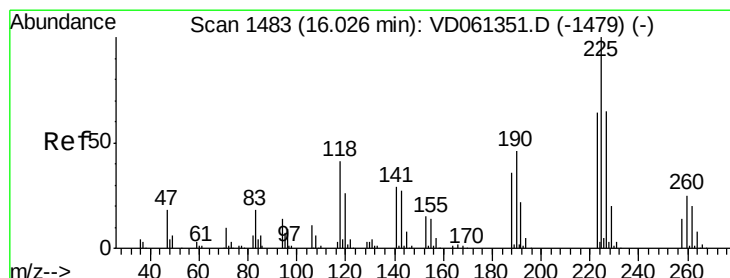
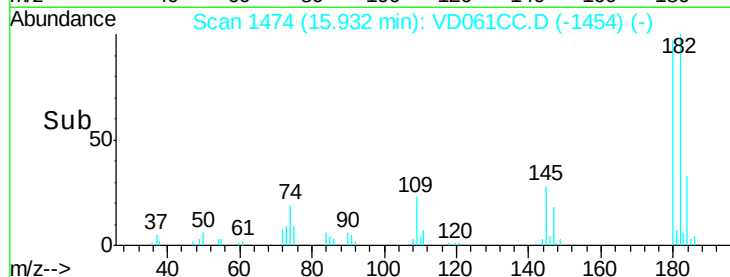
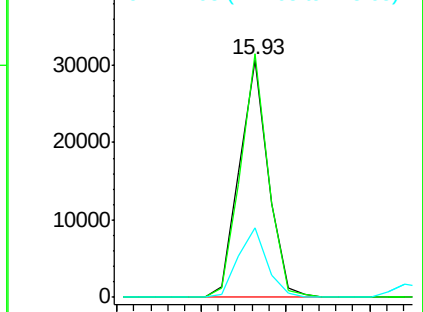
#93  
 1,2,4-Trichlorobenzene  
 Concen: 6.296 ug/l  
 RT: 15.93 min Scan# 1474  
 Delta R.T. -0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:180 Resp: 36583  
 Ion Ratio Lower Upper  
 180 100  
 182 102.6 48.9 146.8  
 145 29.1 14.1 42.3

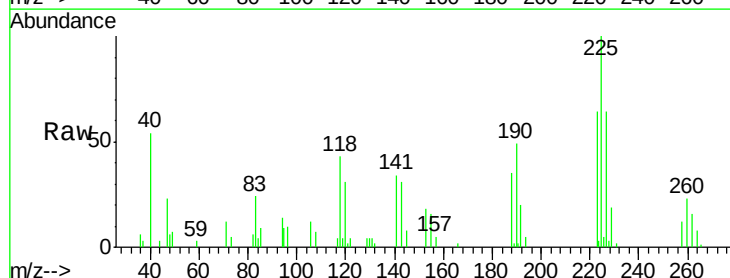


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

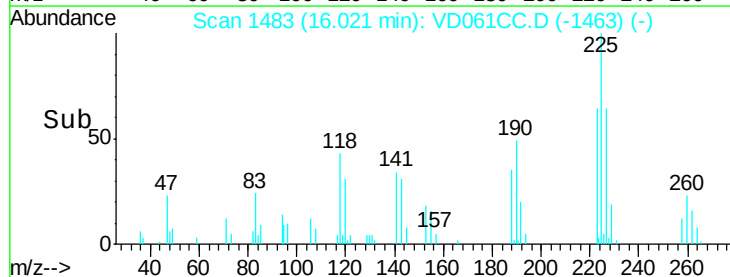
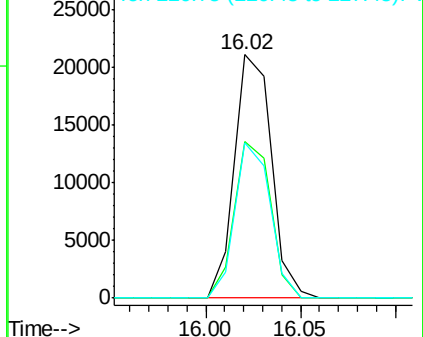


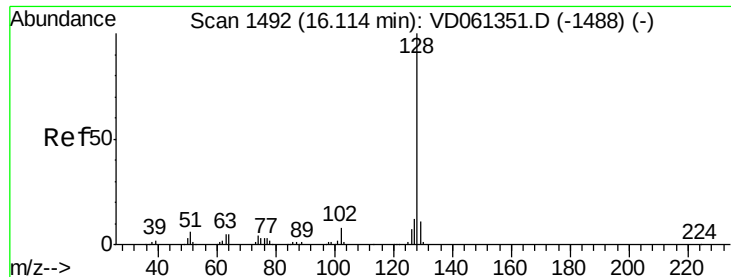
#94  
 Hexachlorobutadiene  
 Concen: 6.265 ug/l  
 RT: 16.02 min Scan# 1483  
 Delta R.T. -0.00 min  
 Lab File: VD061CC.D  
 Acq: 27 Mar 2019 11:16

Tgt Ion:225 Resp: 28447  
 Ion Ratio Lower Upper  
 225 100  
 223 64.5 32.0 96.0  
 227 63.7 32.4 97.2



Abundance Ion 224.75 (224.45 to 225.45): V  
 Ion 222.75 (222.45 to 223.45): V  
 Ion 226.75 (226.45 to 227.45): V

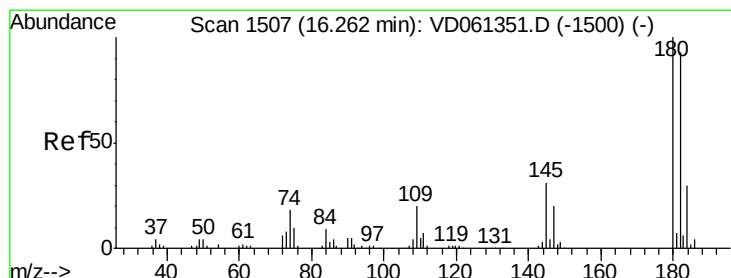
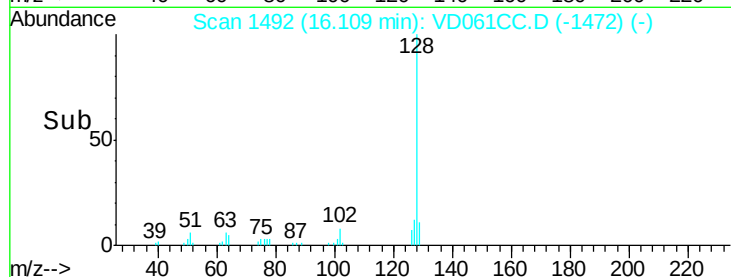
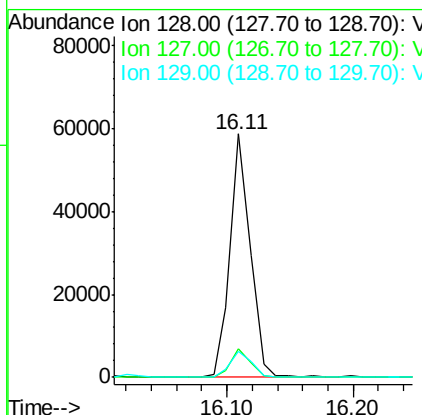
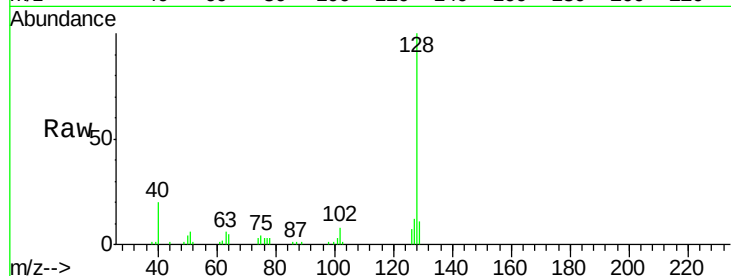




#95  
Naphthalene  
Concen: 7.337 ug/l  
RT: 16.11 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:128 Resp: 64986  
Ion Ratio Lower Upper  
128 100  
127 11.5 9.9 14.9  
129 10.7 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 7.390 ug/l  
RT: 16.26 min Scan# 1507  
Delta R.T. -0.00 min  
Lab File: VD061CC.D  
Acq: 27 Mar 2019 11:16

Tgt Ion:180 Resp: 18896  
Ion Ratio Lower Upper  
180 100  
182 84.7 46.4 139.1  
145 28.8 15.3 45.9

