

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\  
 Data File : VD061039.D  
 Acq On : 13 Mar 2019 13:50  
 Operator : VA/AP  
 Sample : VD0313SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 14 02:00:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D030719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 08 02:35:39 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.03  | 168  | 729810   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.21  | 114  | 1261205  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 1060017  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 464524   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.45  | 65   | 303438   | 49.95 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.90%  |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 483754   | 51.68 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.36% |          |
| 50) Toluene-d8              | 10.40 | 98   | 1190561  | 50.65 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.30% |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 440653   | 48.32 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.64%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.59 | 85   | 148060   | 20.481  | ug/l   | 98     |
| 3) Chloromethane              | 1.76 | 50   | 128033   | 21.260  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.86 | 62   | 117798   | 21.169  | ug/l   | 99     |
| 5) Bromomethane               | 2.15 | 94   | 19084    | 16.686  | ug/l   | 90     |
| 6) Chloroethane               | 2.26 | 64   | 30834    | 18.512  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 2.53 | 101  | 158560   | 19.835  | ug/l   | 96     |
| 8) Diethyl Ether              | 2.88 | 74   | 54362    | 20.614  | ug/l   | 87     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101  | 179839   | 20.122  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.31 | 142  | 216577   | 19.498  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.07 | 59   | 39130    | 101.180 | ug/l # | 92     |
| 12) 1,1-Dichloroethene        | 3.13 | 96   | 143495   | 19.588  | ug/l   | 98     |
| 13) Acrolein                  | 3.04 | 56   | 49222    | 87.964  | ug/l   | 99     |
| 14) Allyl chloride            | 3.62 | 41   | 219741   | 18.747  | ug/l   | 95     |
| 15) Acrylonitrile             | 4.19 | 53   | 143406   | 104.917 | ug/l   | 98     |
| 16) Acetone                   | 3.21 | 43   | 170656   | 98.239  | ug/l   | 96     |
| 17) Carbon Disulfide          | 3.37 | 76   | 488715   | 19.776  | ug/l   | 98     |
| 18) Methyl Acetate            | 3.64 | 43   | 65108    | 19.045  | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 4.23 | 73   | 263837   | 20.550  | ug/l   | 95     |
| 20) Methylene Chloride        | 3.81 | 84   | 183773   | 20.445  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.22 | 96   | 158045   | 19.932  | ug/l   | 93     |
| 22) Diisopropyl ether         | 5.11 | 45   | 492481   | 20.240  | ug/l   | 99     |
| 23) Vinyl Acetate             | 5.05 | 43   | 1328598  | 106.366 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 4.98 | 63   | 277224   | 20.794  | ug/l   | 99     |
| 25) 2-Butanone                | 6.06 | 43   | 224993   | 114.141 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.01 | 77   | 220391   | 21.176  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.03 | 96   | 185016   | 21.992  | ug/l   | 96     |
| 28) Bromochloromethane        | 6.43 | 49   | 103601   | 18.356  | ug/l   | 90     |
| 29) Tetrahydrofuran           | 6.44 | 42   | 105764   | 98.812  | ug/l   | 96     |
| 30) Chloroform                | 6.66 | 83   | 284913   | 20.620  | ug/l   | 99     |
| 31) Cyclohexane               | 6.95 | 56   | 235388   | 21.897  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 6.86 | 97   | 242397   | 20.292  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.14 | 75   | 216940   | 19.955  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.17 | 43   | 97705    | 19.152  | ug/l # | 98     |
| 38) Carbon Tetrachloride      | 7.10 | 117  | 251350   | 20.989  | ug/l   | 98     |

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 Sample : VD0313SBS01  
 Misc : 5.00µg/5ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 14 02:00:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D030719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 08 02:35:39 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.85  | 83   | 229848   | 20.390  | ug/l   | 96       |
| 40) Benzene                    | 7.45  | 78   | 535152   | 19.700  | ug/l   | 97       |
| 41) Methacrylonitrile          | 6.43  | 41   | 116019   | 19.772  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 7.57  | 62   | 161157   | 20.443  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 9.23  | 43   | 138366   | 19.582  | ug/l # | 98       |
| 44) Trichloroethene            | 8.53  | 130  | 189909   | 20.264  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 8.92  | 63   | 146541   | 20.533  | ug/l   | 100      |
| 46) Dibromomethane             | 9.05  | 93   | 92713    | 20.480  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 209924   | 20.549  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.11  | 41   | 79621    | 20.014  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.07  | 88   | 16126    | 400.864 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.29 | 43   | 435748   | 100.664 | ug/l   | 97       |
| 52) Toluene                    | 10.50 | 92   | 335510   | 19.862  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 10.90 | 75   | 184014   | 19.699  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.03 | 75   | 235271   | 20.962  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 116484   | 20.707  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 11.03 | 69   | 119116   | 20.230  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 11.39 | 76   | 181856   | 21.632  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.85  | 63   | 308583   | 99.007  | ug/l   | 100      |
| 59) 2-Hexanone                 | 11.52 | 43   | 331850   | 104.802 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.67 | 129  | 175919   | 21.249  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 135284   | 20.673  | ug/l   | 98       |
| 64) Tetrachloroethene          | 11.25 | 164  | 142801   | 19.957  | ug/l   | 94       |
| 65) Chlorobenzene              | 12.39 | 112  | 422800   | 20.346  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 153856   | 20.771  | ug/l   | 98       |
| 67) Ethyl Benzene              | 12.52 | 91   | 633620   | 20.481  | ug/l   | 99       |
| 68) m/p-Xylenes                | 12.66 | 106  | 496339   | 40.875  | ug/l   | 100      |
| 69) o-Xylene                   | 13.04 | 106  | 222669   | 18.655  | ug/l   | 95       |
| 70) Styrene                    | 13.07 | 104  | 373419   | 19.159  | ug/l   | 98       |
| 71) Bromoform                  | 13.23 | 173  | 94133    | 19.699  | ug/l   | 99       |
| 73) Isopropylbenzene           | 13.39 | 105  | 581536   | 17.371  | ug/l   | 98       |
| 74) N-amyl acetate             | 13.26 | 43   | 179833   | 19.078  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.69 | 83   | 131821   | 20.182  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 129162   | 19.327  | ug/l   | 99       |
| 77) Bromobenzene               | 13.66 | 156  | 172213   | 20.152  | ug/l   | 86       |
| 78) n-propylbenzene            | 13.77 | 91   | 759732   | 19.385  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 454815   | 21.079  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 14.23 | 105  | 555225   | 21.847  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 13.46 | 75   | 40886    | 20.751  | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 13.93 | 91   | 481605   | 18.881  | ug/l   | 91       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 615745   | 22.138  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 555225   | 21.847  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 708215   | 20.858  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 615124   | 22.163  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 315846   | 20.698  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 311689   | 20.786  | ug/l   | 98       |
| 89) n-Butylbenzene             | 14.79 | 91   | 510374   | 19.149  | ug/l   | 98       |
| 90) Hexachloroethane           | 15.00 | 117  | 146861   | 18.739  | ug/l   | 77       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 257037   | 20.205  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 15322    | 19.467  | ug/l   | 68       |

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Sample : VD0313SBSD01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

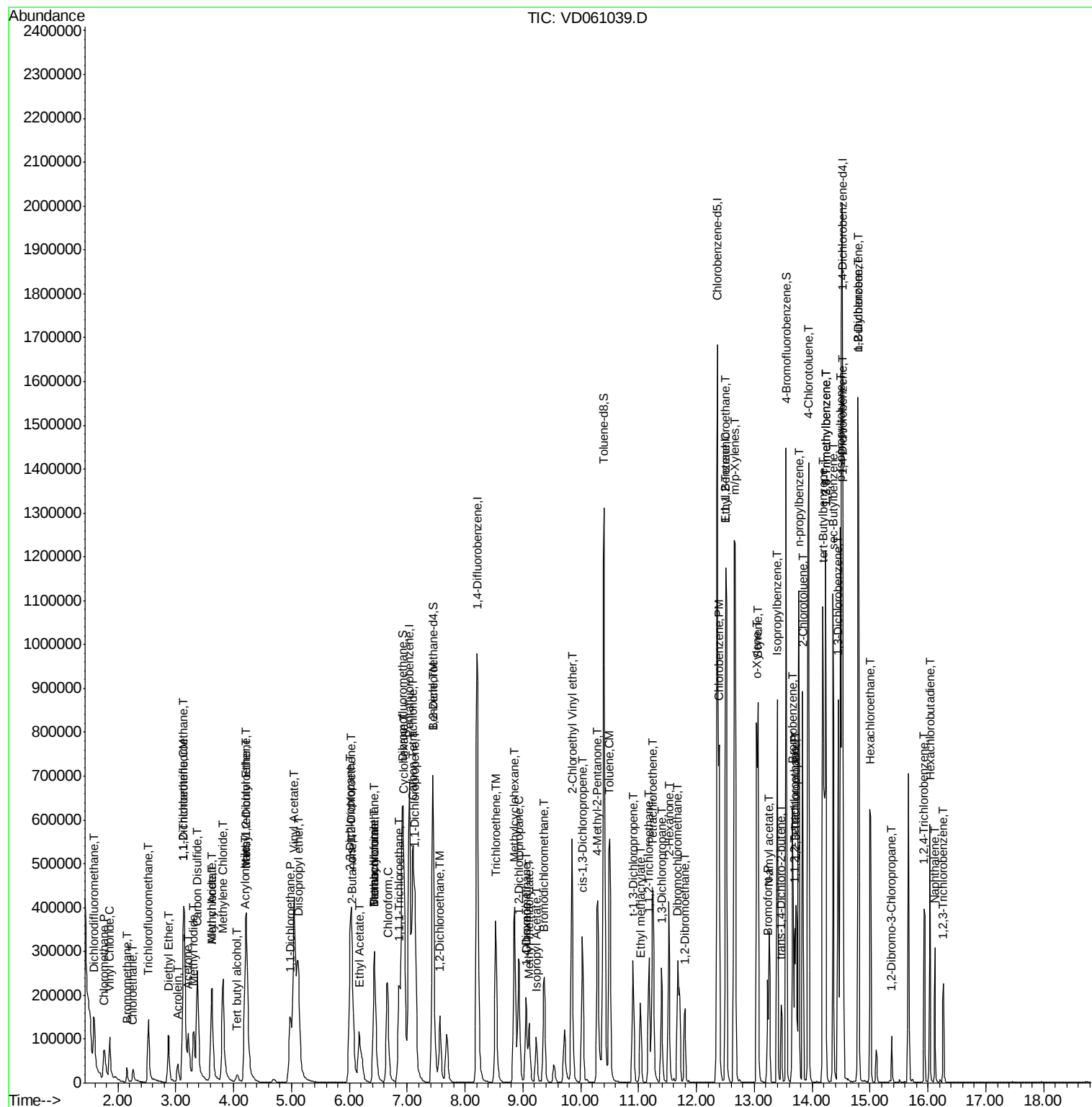
Quant Time: Mar 14 02:00:03 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D030719S.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 08 02:35:39 2019  
Response via : Initial Calibration

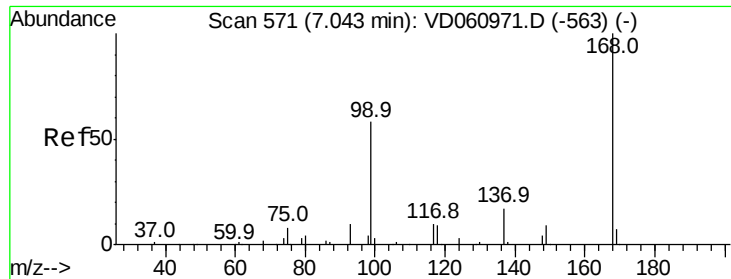
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 115152   | 19.513 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 89330    | 20.012 | ug/l  | 95       |
| 95) Naphthalene            | 16.12 | 128  | 188959   | 21.070 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 60547    | 20.773 | ug/l  | 97       |

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

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QLast Update : Fri Mar 08 02:35:39 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061039.D

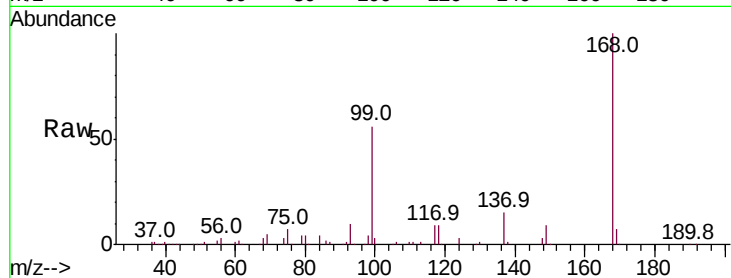
Acq: 13 Mar 2019 13:50

Tot Ion:168 Resp: 729810

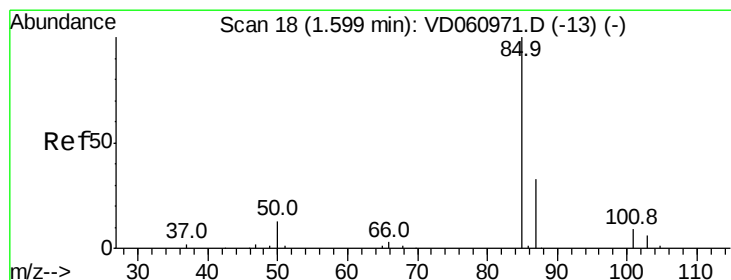
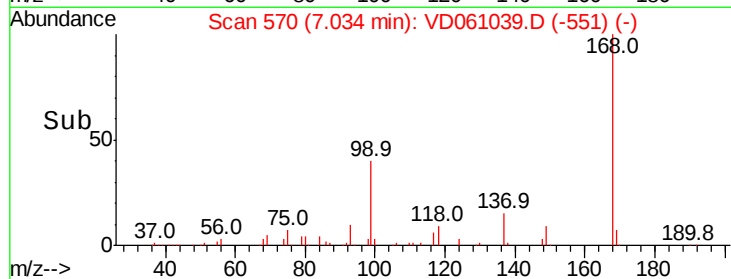
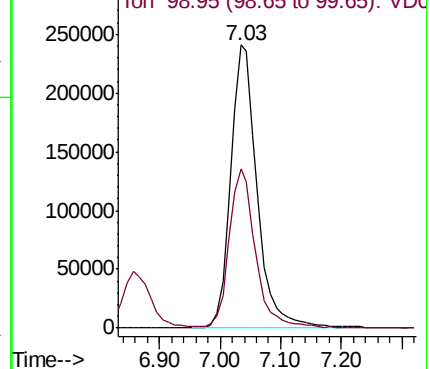
Ion Ratio Lower Upper

168 100

99 56.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V



#2

Dichlorodifluoromethane

Concen: 20.481 ug/l

RT: 1.59 min Scan# 17

Delta R.T. -0.01 min

Lab File: VD061039.D

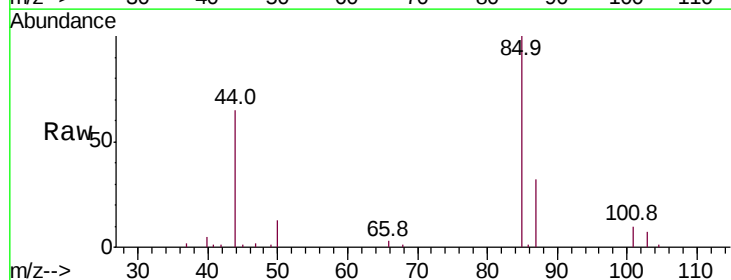
Acq: 13 Mar 2019 13:50

Tgt Ion: 85 Resp: 148060

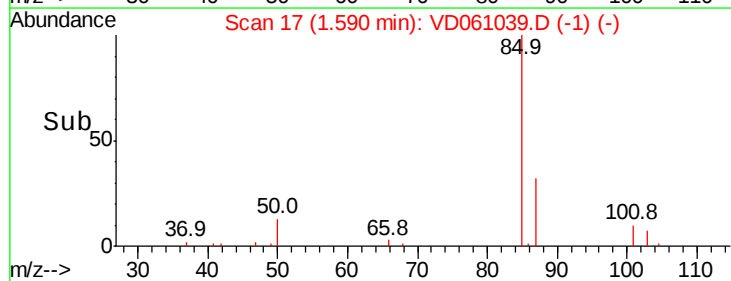
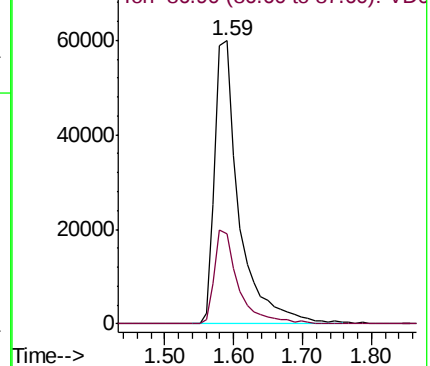
Ion Ratio Lower Upper

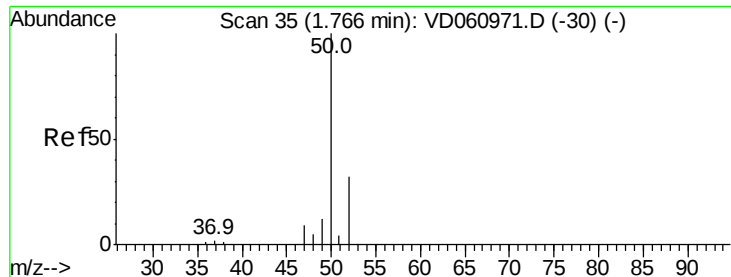
85 100

87 32.0 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): V





#3

Chloromethane

Concen: 21.260 ug/l

RT: 1.76 min Scan# 34

Delta R.T. -0.01 min

Lab File: VD061039.D

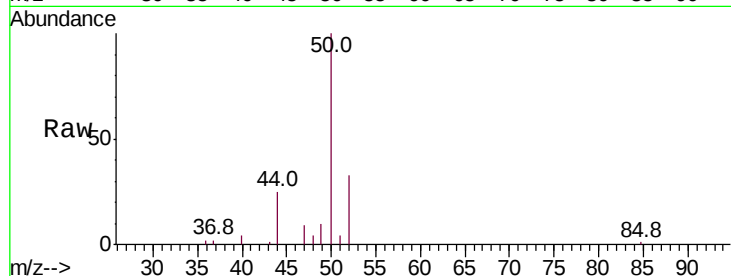
Acq: 13 Mar 2019 13:50

Tot Ion: 50 Resp: 128033

Ion Ratio Lower Upper

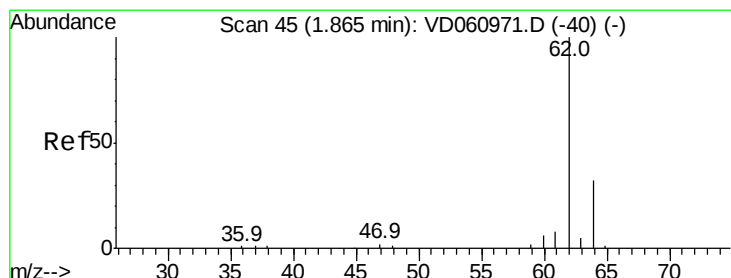
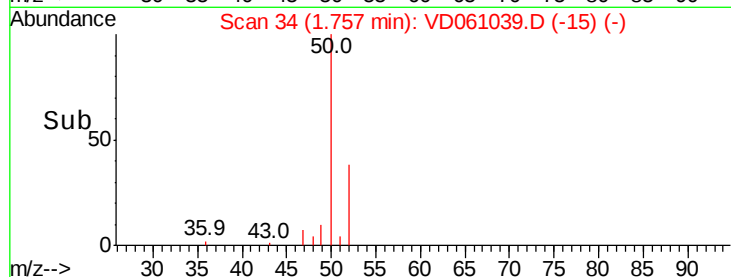
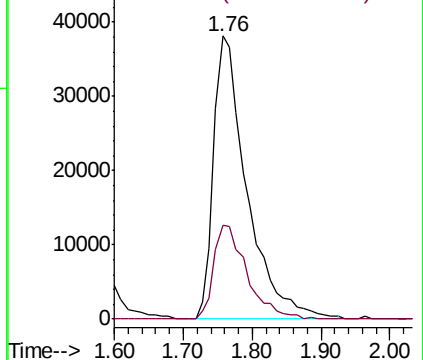
50 100

52 33.4 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.169 ug/l

RT: 1.86 min Scan# 44

Delta R.T. -0.01 min

Lab File: VD061039.D

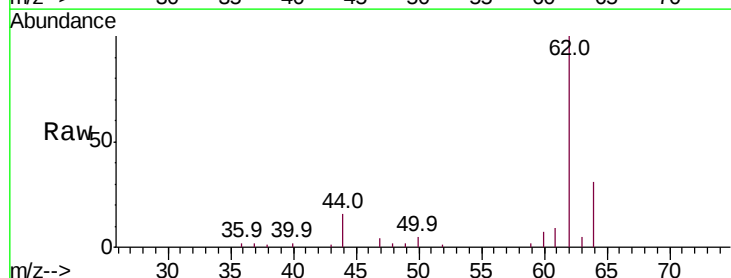
Acq: 13 Mar 2019 13:50

Tgt Ion: 62 Resp: 117798

Ion Ratio Lower Upper

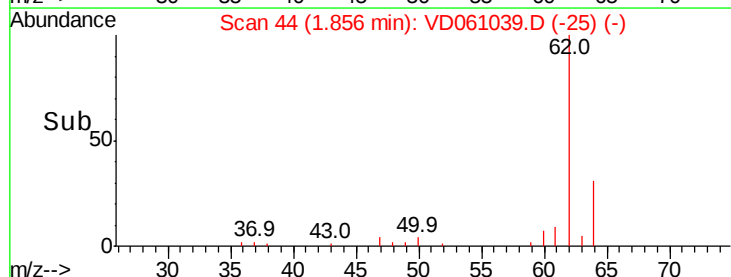
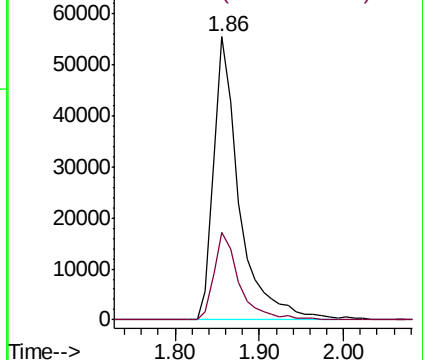
62 100

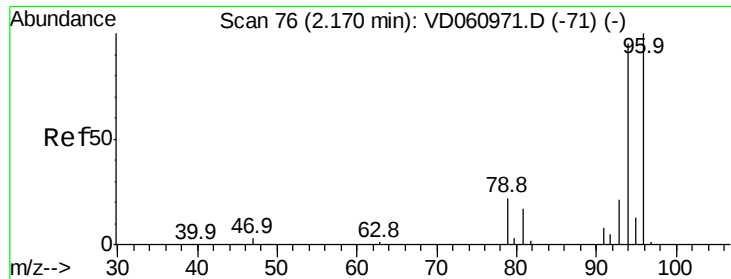
64 30.9 25.2 37.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 16.686 ug/l

RT: 2.15 min Scan# 74

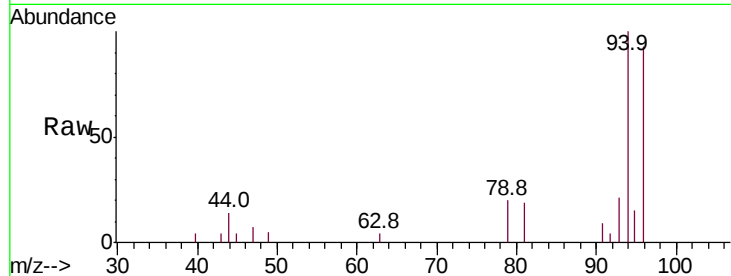
Delta R.T. -0.02 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

Tot Ion: 94 Resp: 19084

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 96  | 93.1  | 84.0  | 126.0 |
| 93  | 20.5  | 17.3  | 25.9  |

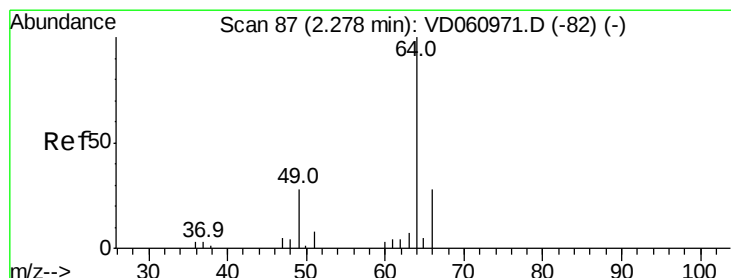
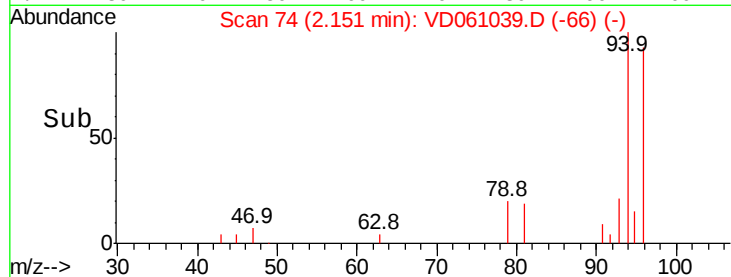
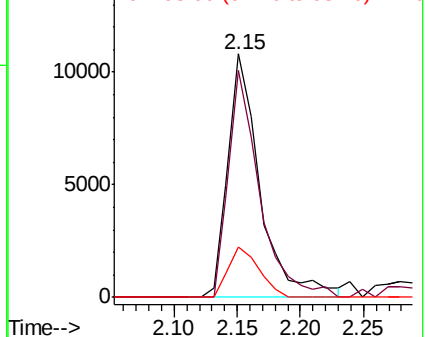


Abundance

Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 18.512 ug/l

RT: 2.26 min Scan# 85

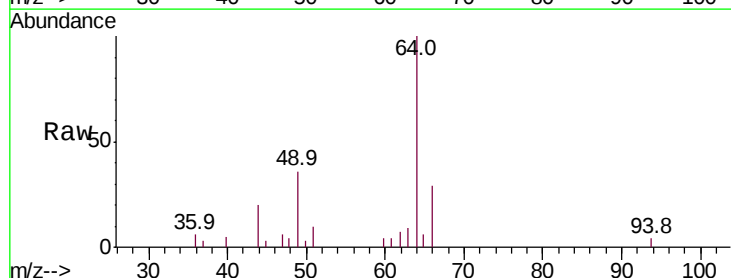
Delta R.T. -0.02 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

Tgt Ion: 64 Resp: 30834

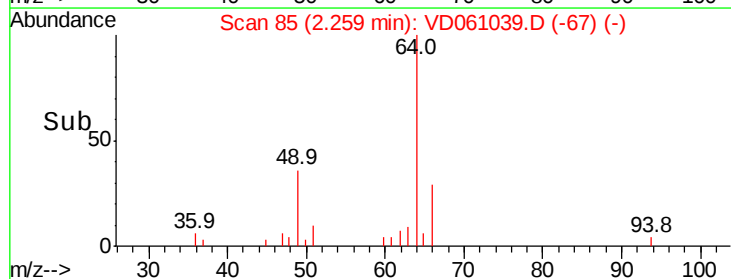
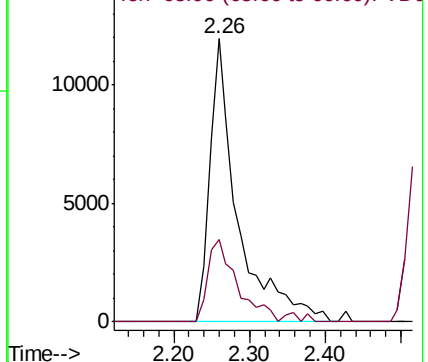
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 64  | 100   |       |       |
| 66  | 29.1  | 22.2  | 33.2  |

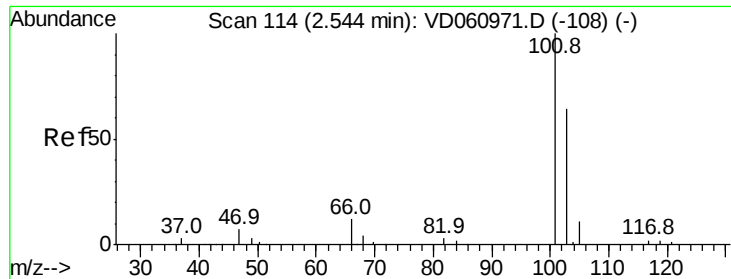


Abundance

Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

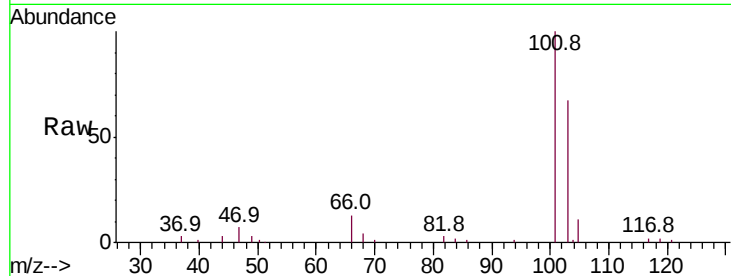




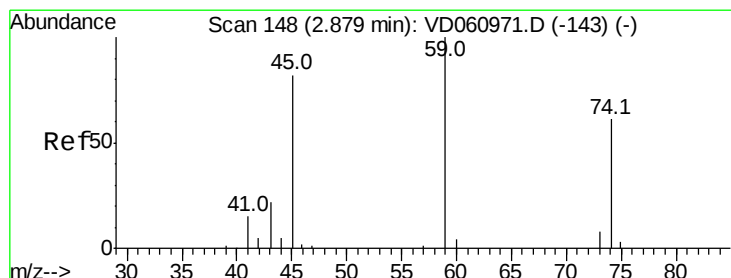
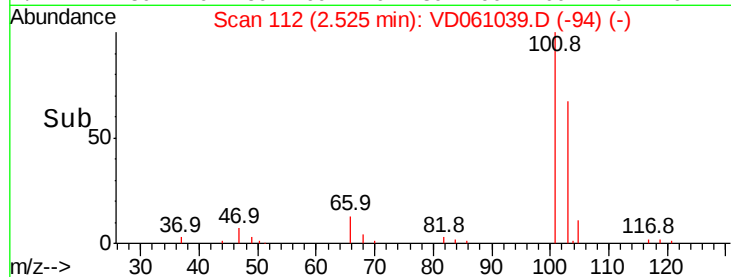
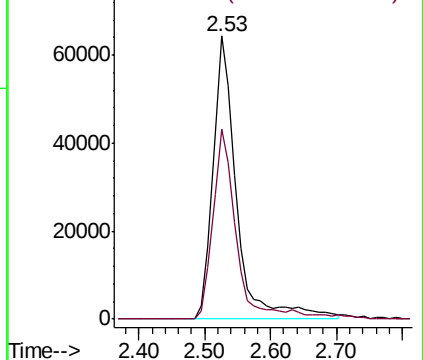
#7

Trichlorofluoromethane  
 Concen: 19.835 ug/l  
 RT: 2.53 min Scan# 112  
 Delta R.T. -0.02 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

Tot Ion:101 Resp: 158560  
 Ion Ratio Lower Upper  
 101 100  
 103 67.1 51.2 76.8



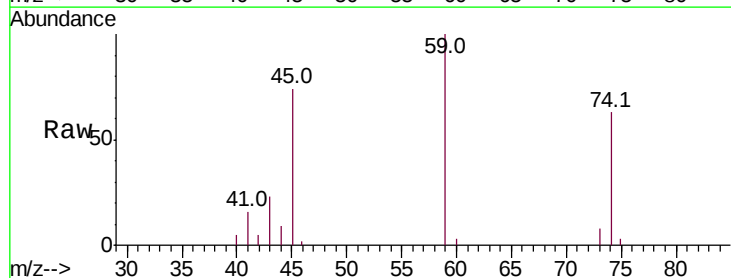
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



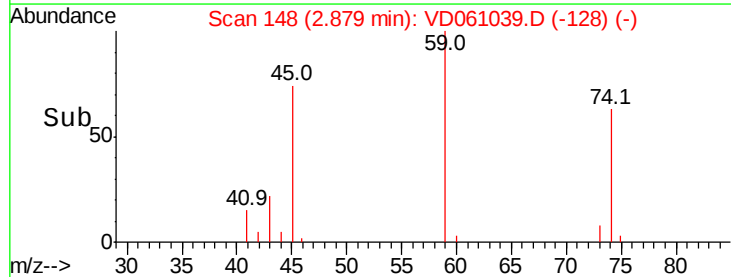
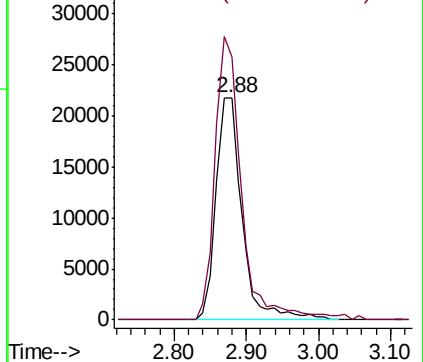
#8

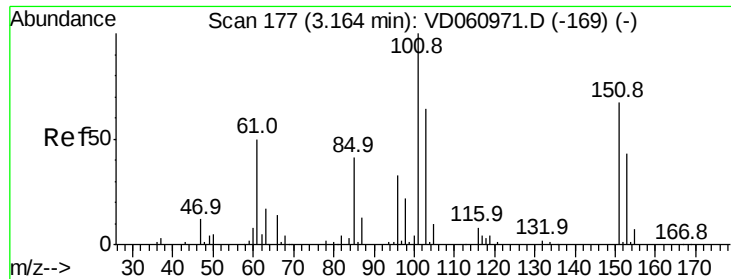
Diethyl Ether  
 Concen: 20.614 ug/l  
 RT: 2.88 min Scan# 148  
 Delta R.T. 0.00 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

Tgt Ion: 74 Resp: 54362  
 Ion Ratio Lower Upper  
 74 100  
 45 118.2 67.0 201.1



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: 20.122 ug/l

RT: 3.15 min Scan# 175

Delta R.T. -0.02 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

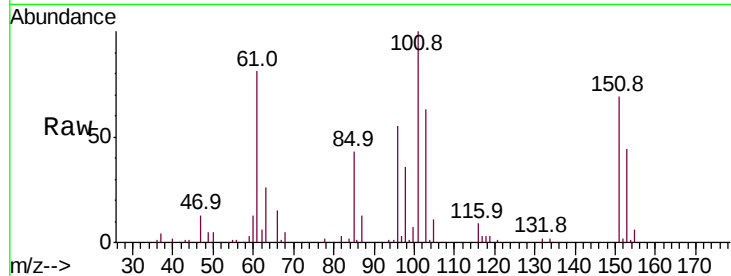
Tot Ion:101 Resp: 179839

Ion Ratio Lower Upper

101 100

85 42.7 32.5 48.7

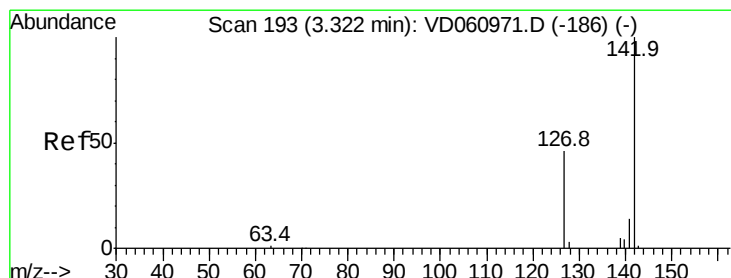
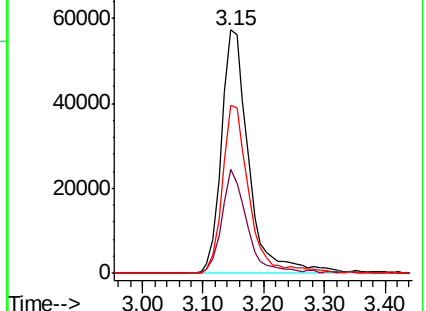
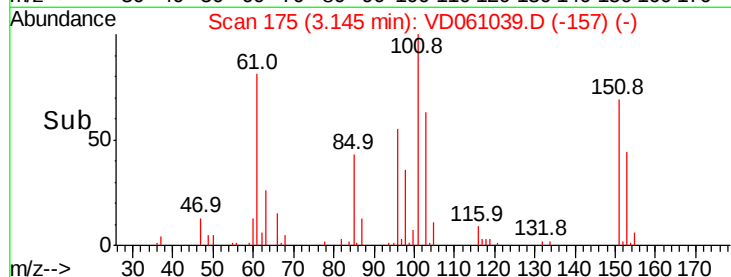
151 69.1 53.3 79.9



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: 19.498 ug/l

RT: 3.31 min Scan# 192

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

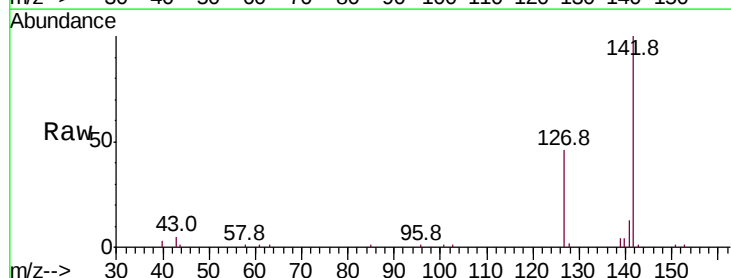
Tgt Ion:142 Resp: 216577

Ion Ratio Lower Upper

142 100

127 46.2 36.8 55.2

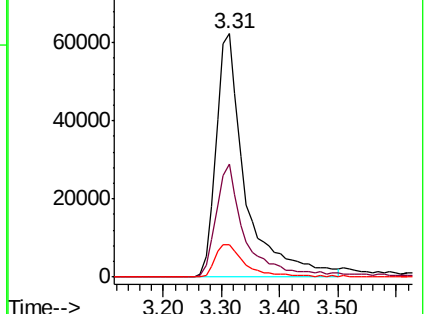
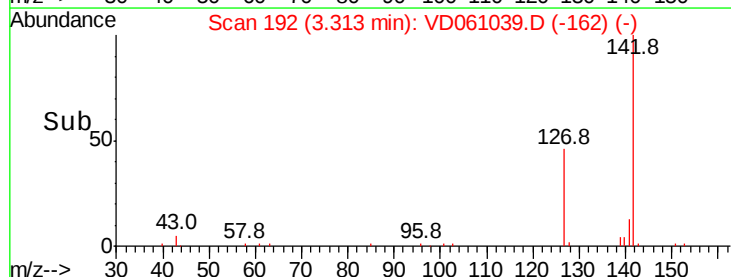
141 13.4 11.2 16.8

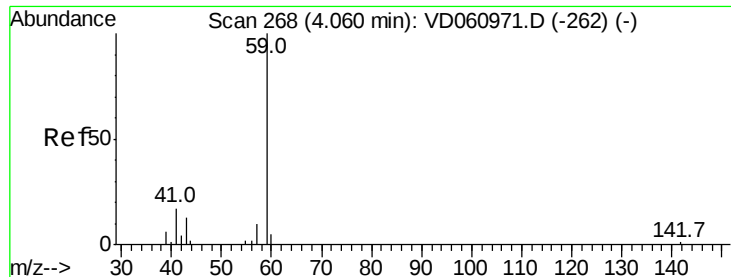


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

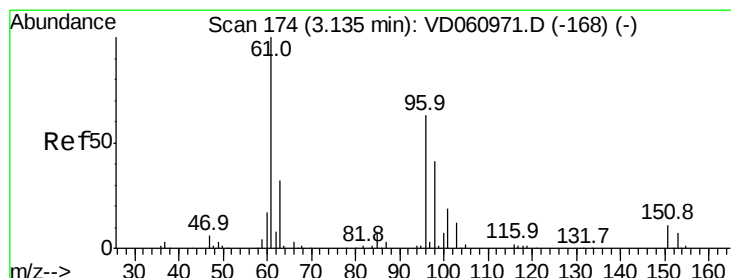
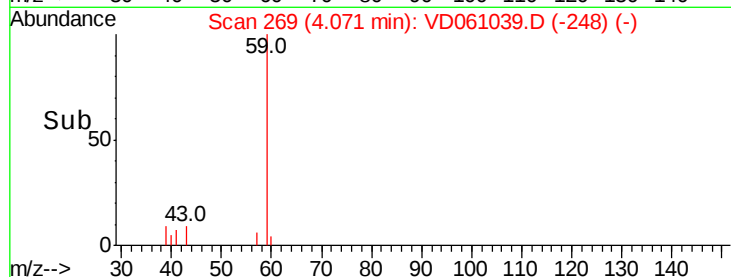
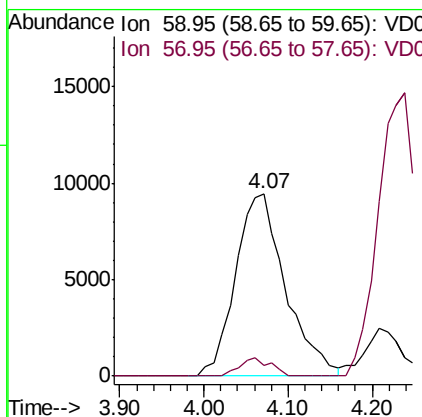
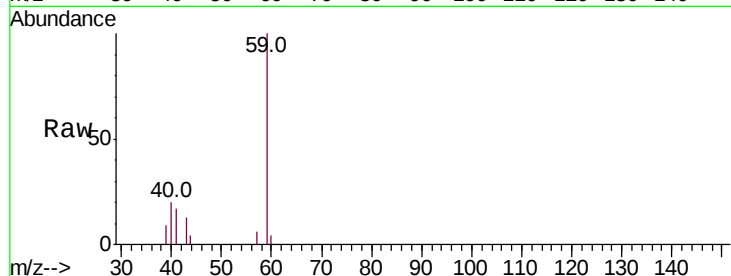




#11

Tert butyl alcohol  
Concen: 101.180 ug/l  
RT: 4.07 min Scan# 269  
Delta R.T. 0.01 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

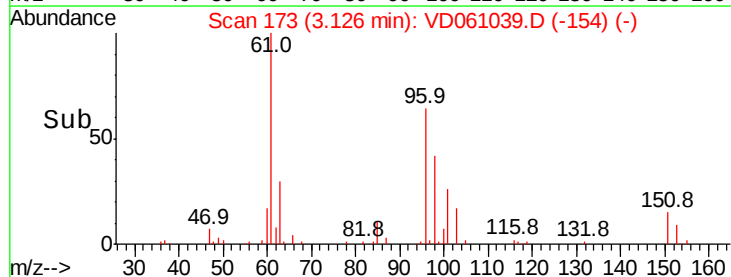
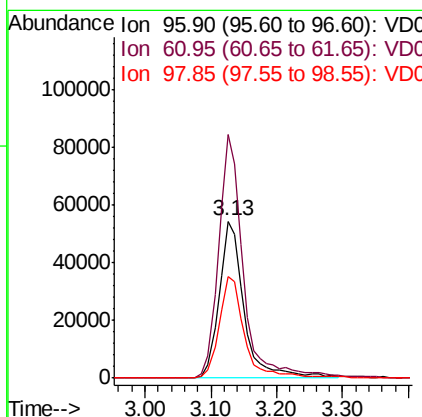
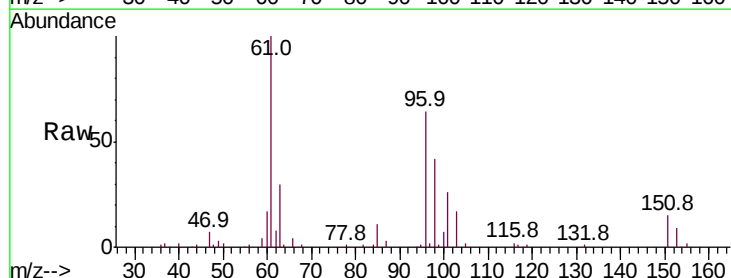
Tot Ion: 59 Resp: 39130  
Ion Ratio Lower Upper  
59 100  
57 6.1 7.1 10.7#

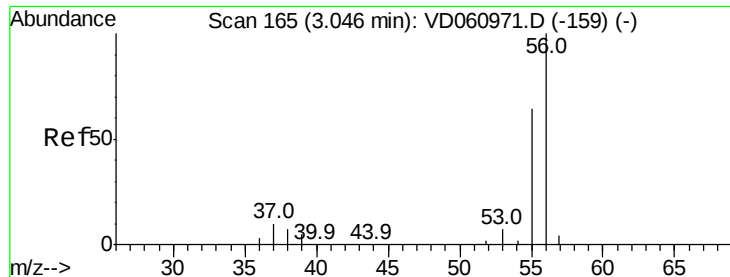


#12

1,1-Dichloroethene  
Concen: 19.588 ug/l  
RT: 3.13 min Scan# 173  
Delta R.T. -0.01 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

Tgt Ion: 96 Resp: 143495  
Ion Ratio Lower Upper  
96 100  
61 155.0 127.1 190.7  
98 64.7 51.5 77.3





#13

Acrolein

Concen: 87.964 ug/l

RT: 3.04 min Scan# 164

Delta R.T. -0.01 min

Lab File: VD061039.D

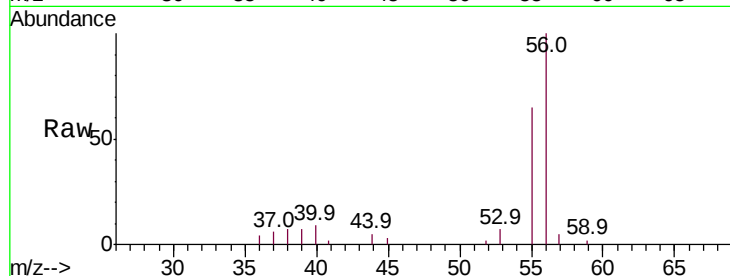
Acq: 13 Mar 2019 13:50

Tot Ion: 56 Resp: 49222

Ion Ratio Lower Upper

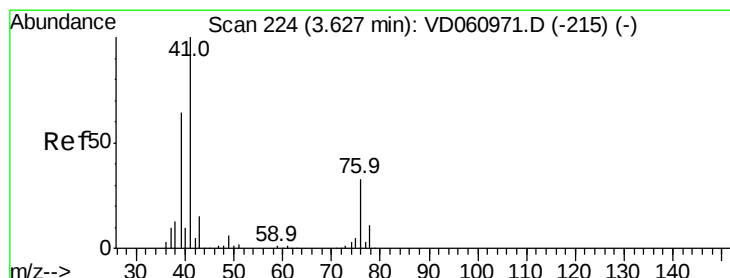
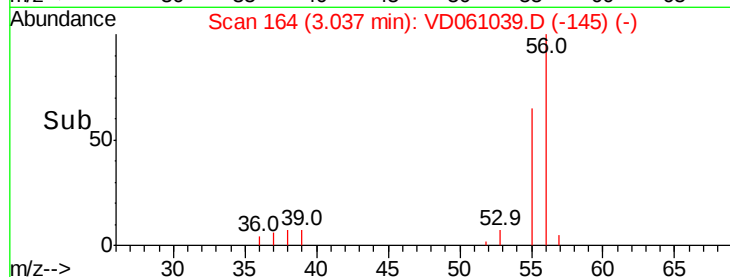
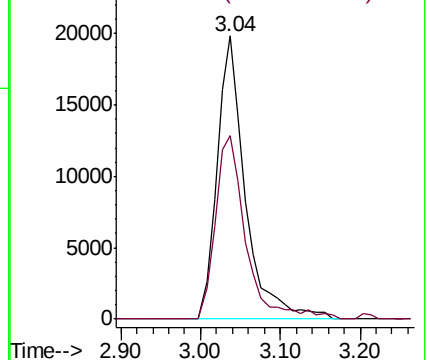
56 100

55 64.8 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.747 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

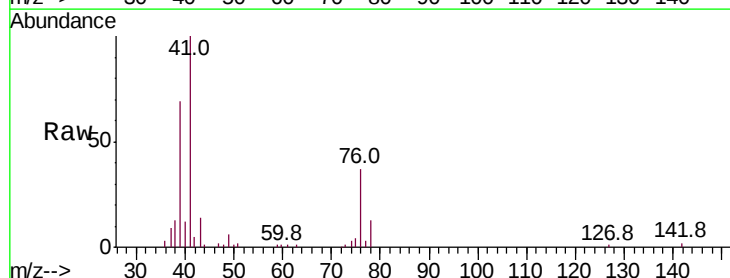
Tgt Ion: 41 Resp: 219741

Ion Ratio Lower Upper

41 100

39 69.1 51.1 76.7

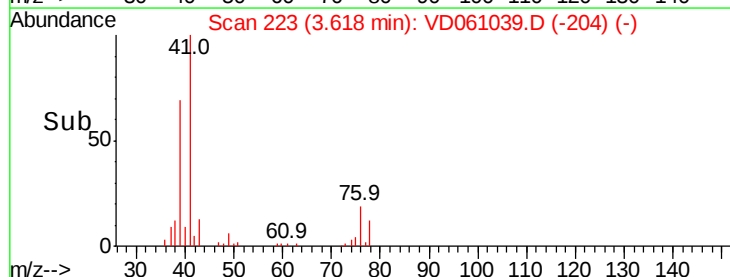
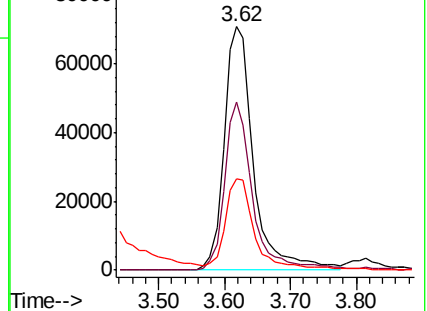
76 37.2 29.1 43.7

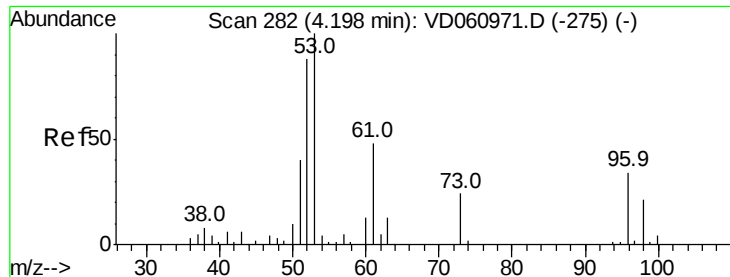


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 104.917 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

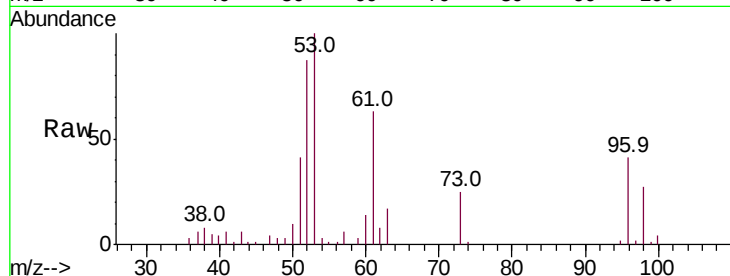
Tot Ion: 53 Resp: 143406

Ion Ratio Lower Upper

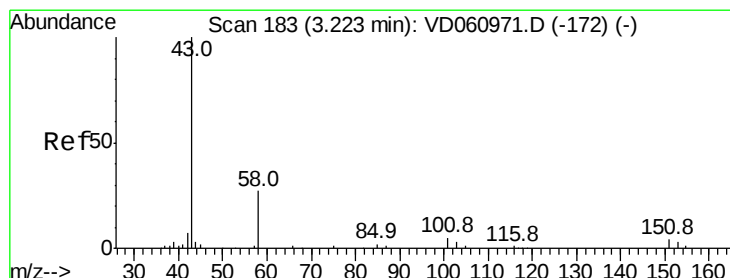
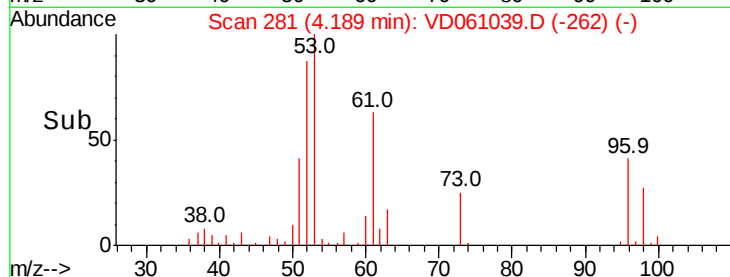
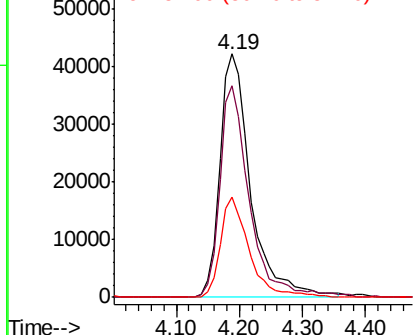
53 100

52 86.8 70.2 105.4

51 41.3 31.7 47.5



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: 98.239 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061039.D

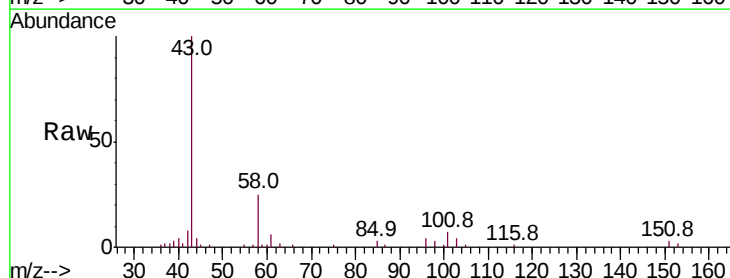
Acq: 13 Mar 2019 13:50

Tgt Ion: 43 Resp: 170656

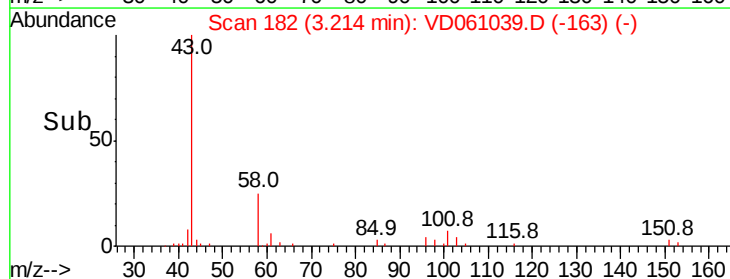
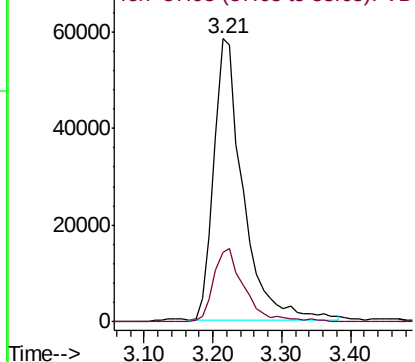
Ion Ratio Lower Upper

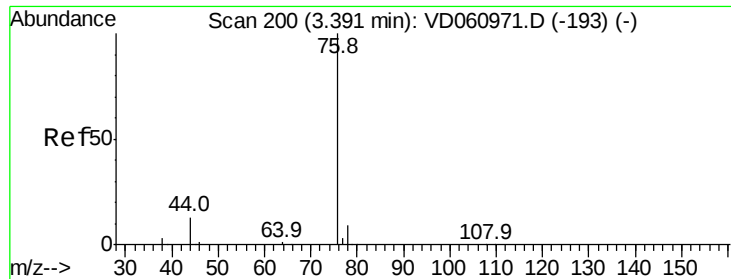
43 100

58 24.8 21.6 32.4



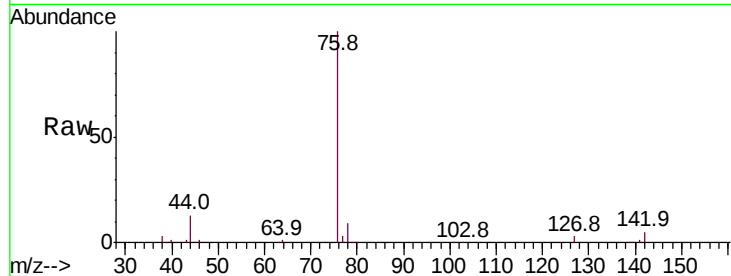
Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC



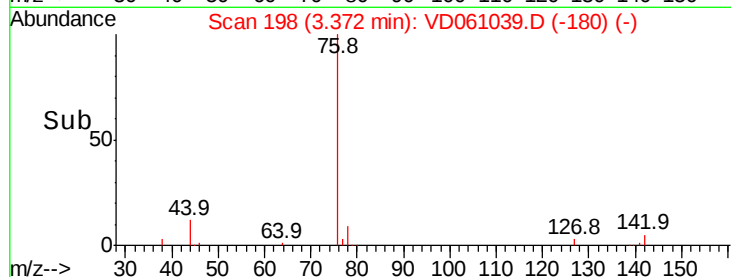
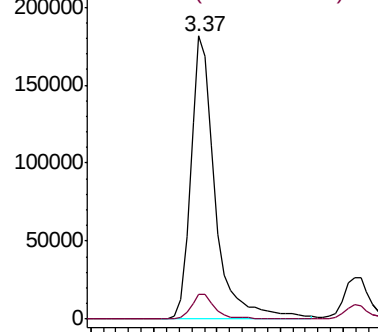


#17  
Carbon Disulfide  
Concen: 19.776 ug/l  
RT: 3.37 min Scan# 198  
Delta R.T. -0.02 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

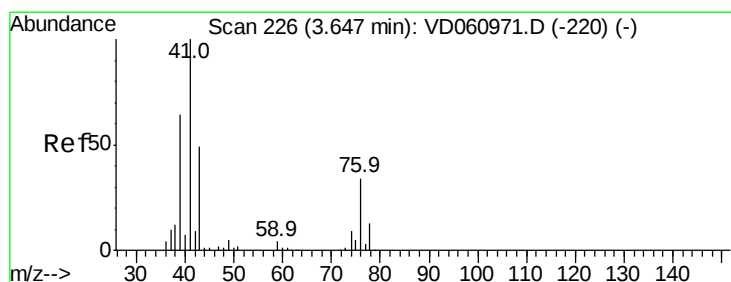
Tot Ion: 76 Resp: 488715  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

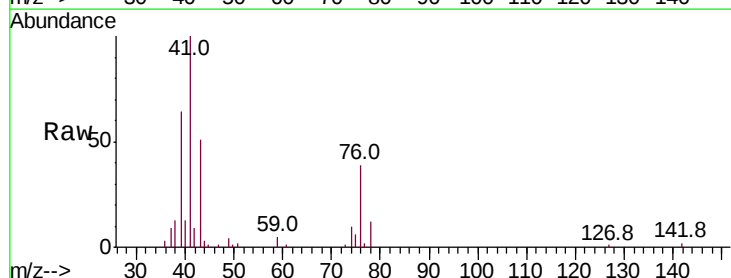


Time-->

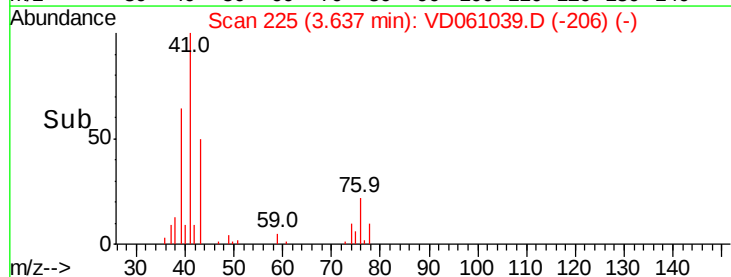
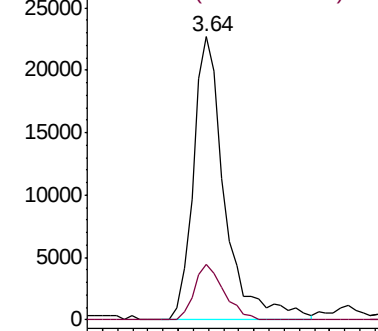


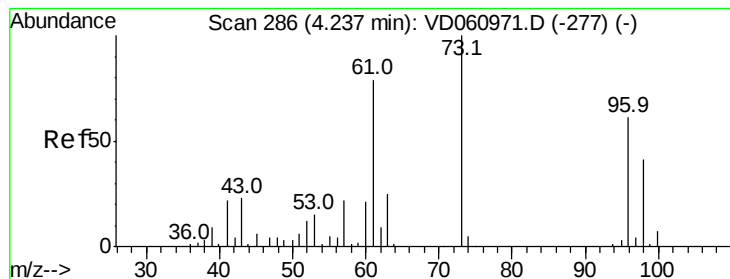
#18  
Methyl Acetate  
Concen: 19.045 ug/l  
RT: 3.64 min Scan# 225  
Delta R.T. -0.01 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

Tgt Ion: 43 Resp: 65108  
Ion Ratio Lower Upper  
43 100  
74 19.8 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 74.00 (73.70 to 74.70): VDC

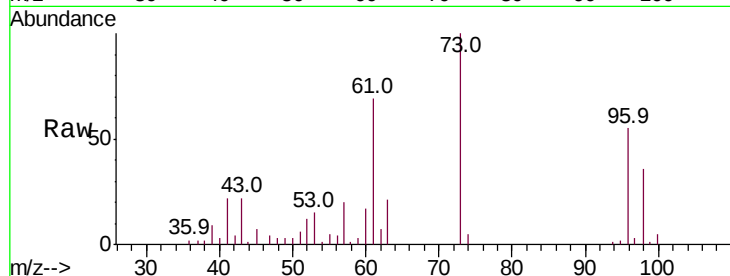




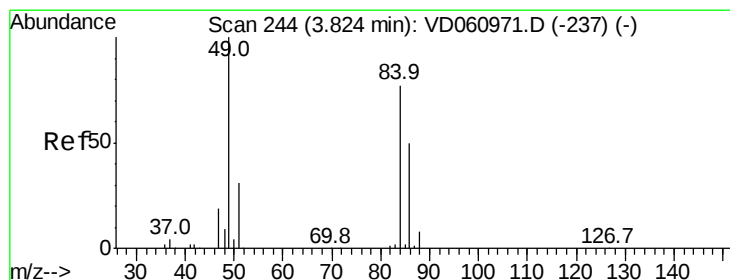
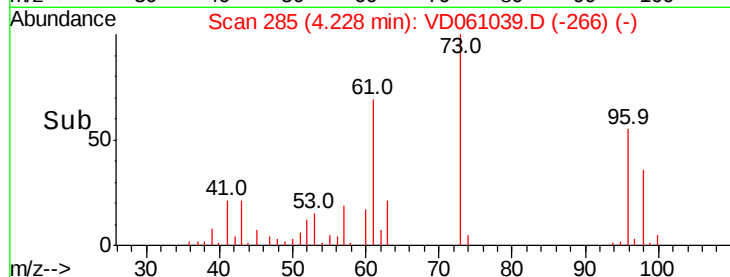
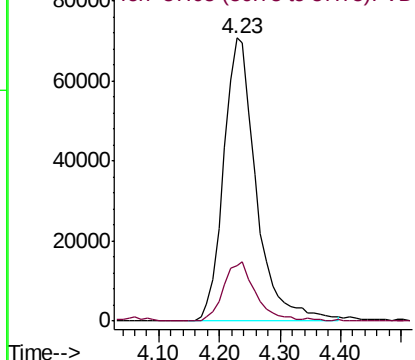
#19

Methyl tert-butyl Ether  
 Concen: 20.550 ug/l  
 RT: 4.23 min Scan# 285  
 Delta R.T. -0.01 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

Tot Ion: 73 Resp: 263837  
 Ion Ratio Lower Upper  
 73 100  
 57 19.8 17.7 26.5



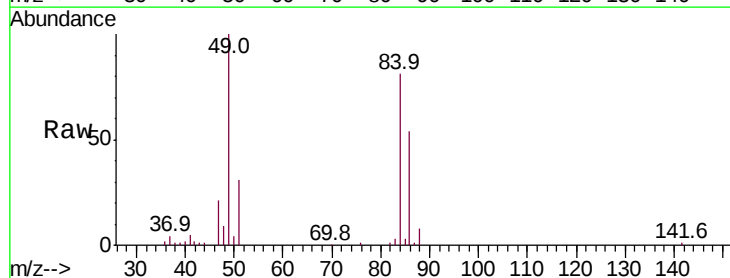
Abundance Ion 73.00 (72.70 to 73.70): VDC  
 Ion 57.05 (56.75 to 57.75): VDC



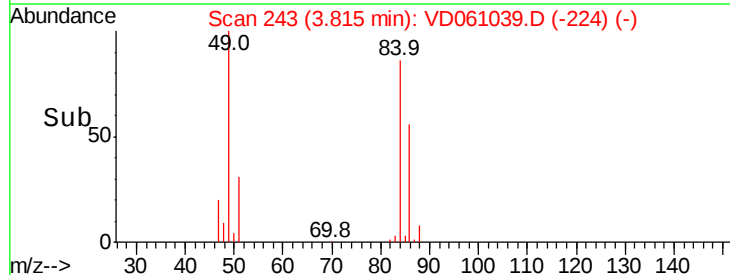
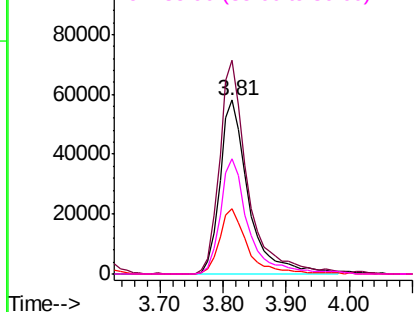
#20

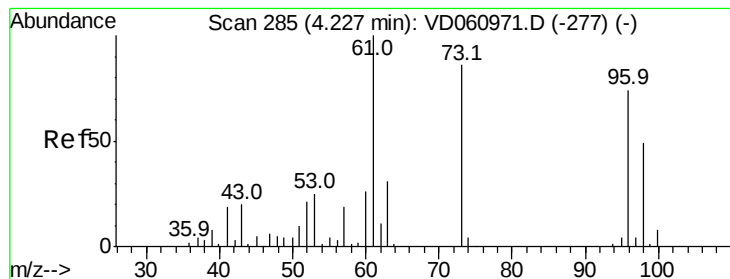
Methylene Chloride  
 Concen: 20.445 ug/l  
 RT: 3.81 min Scan# 243  
 Delta R.T. -0.01 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

Tgt Ion: 84 Resp: 183773  
 Ion Ratio Lower Upper  
 84 100  
 49 122.9 104.2 156.2  
 51 37.9 32.3 48.5  
 86 66.0 52.3 78.5



Abundance Ion 83.95 (83.65 to 84.65): VDC  
 Ion 48.90 (48.60 to 49.60): VDC  
 Ion 50.90 (50.60 to 51.60): VDC  
 Ion 85.90 (85.60 to 86.60): VDC

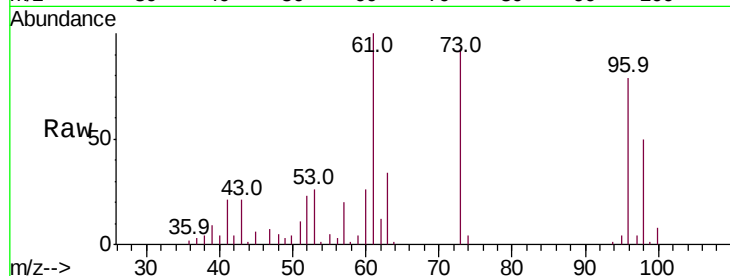




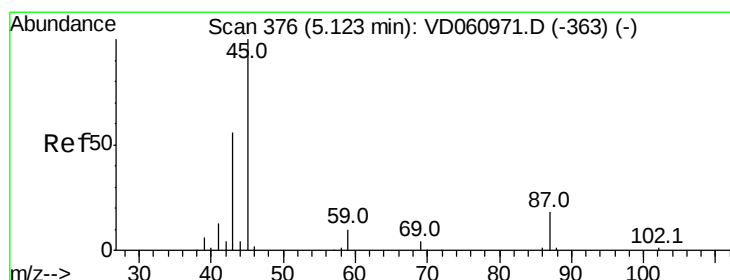
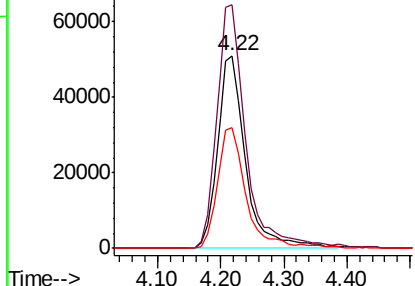
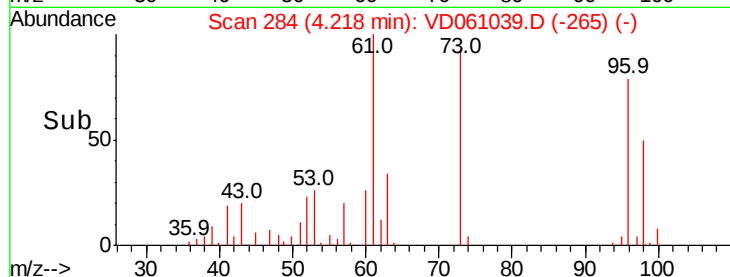
#21

trans-1,2-Dichloroethene  
Concen: 19.932 ug/l  
RT: 4.22 min Scan# 284  
Delta R.T. -0.01 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 126.2 | 108.4 | 162.6 |
| 98      | 62.7  | 53.0  | 79.4  |



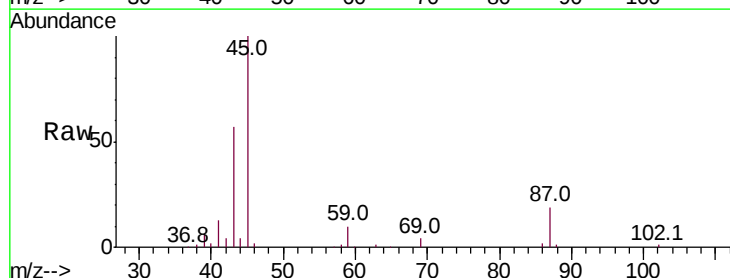
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



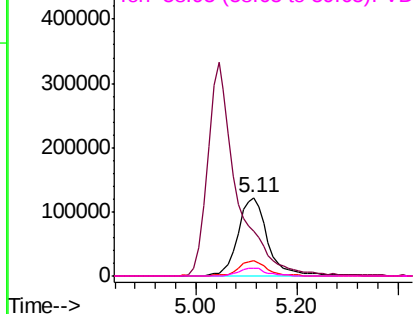
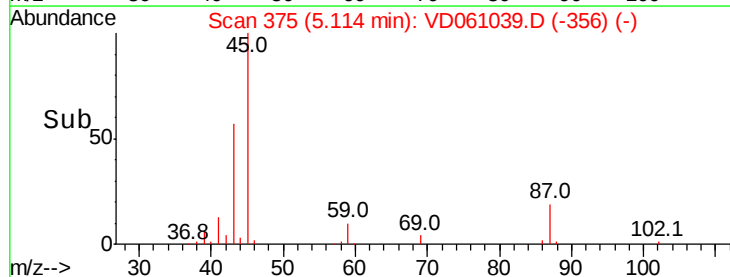
#22

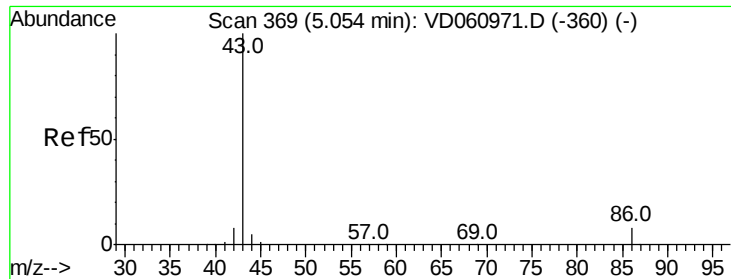
Diisopropyl ether  
Concen: 20.240 ug/l  
RT: 5.11 min Scan# 375  
Delta R.T. -0.01 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 56.9  | 45.8  | 68.8  |
| 87      | 19.0  | 14.9  | 22.3  |
| 59      | 10.2  | 8.0   | 12.0  |



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: 106.366 ug/l

RT: 5.05 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD061039.D

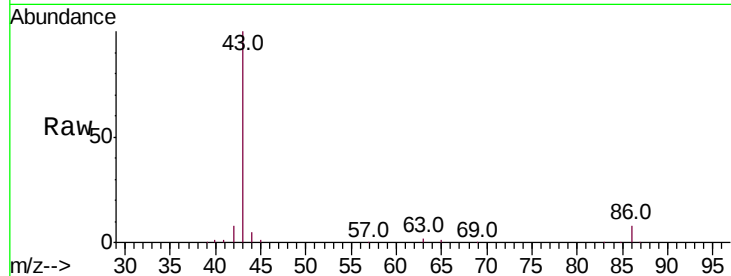
Acq: 13 Mar 2019 13:50

Tot Ion: 43 Resp: 1328598

Ion Ratio Lower Upper

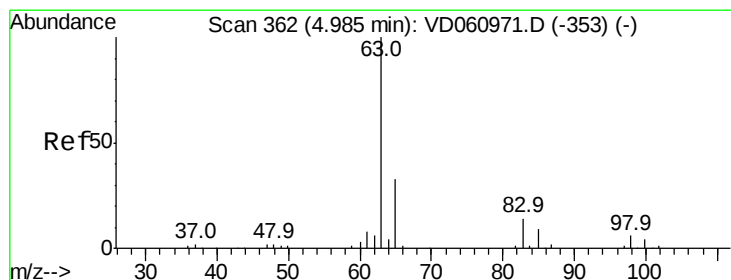
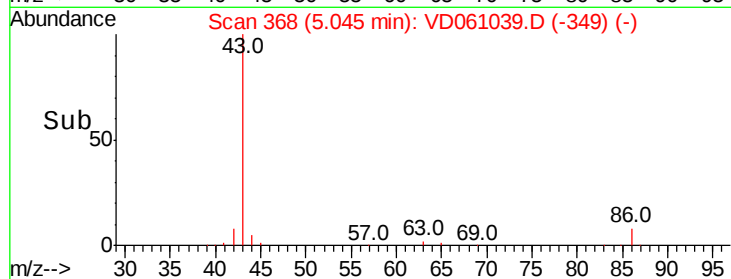
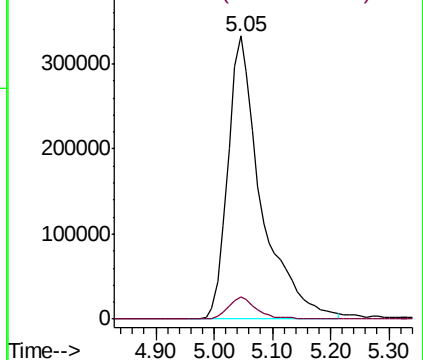
43 100

86 7.9 6.2 9.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.794 ug/l

RT: 4.98 min Scan# 361

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

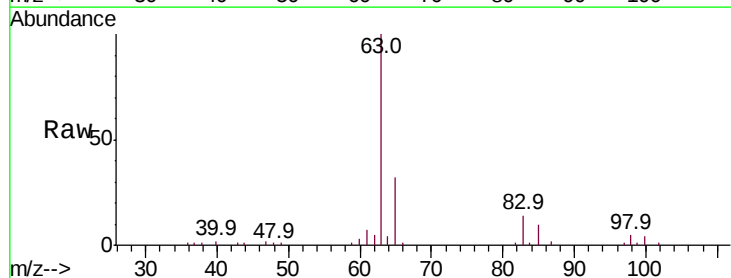
Tgt Ion: 63 Resp: 277224

Ion Ratio Lower Upper

63 100

98 5.3 3.0 9.2

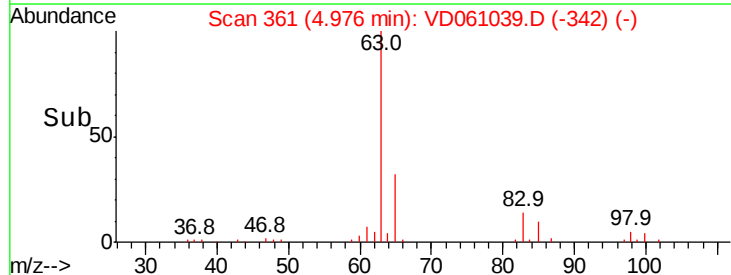
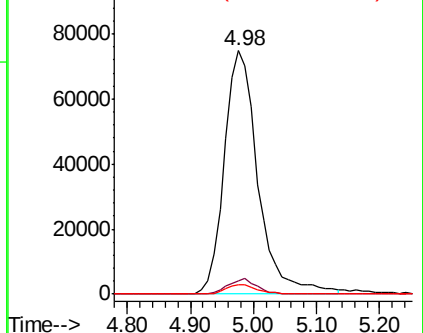
100 3.9 2.0 5.8

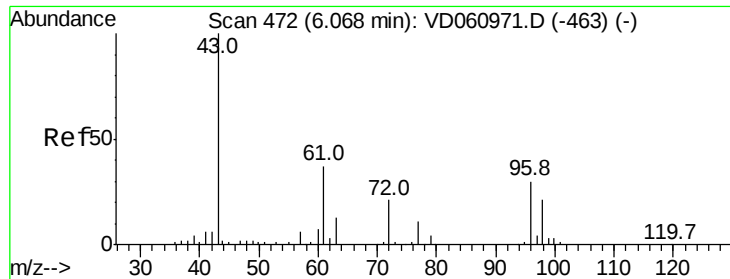


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 114.141 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.01 min

Lab File: VD061039.D

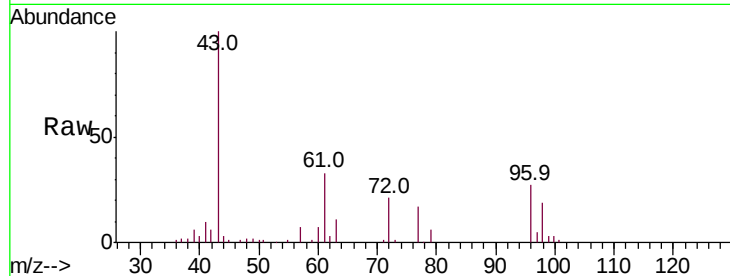
Acq: 13 Mar 2019 13:50

Tot Ion: 43 Resp: 224993

Ion Ratio Lower Upper

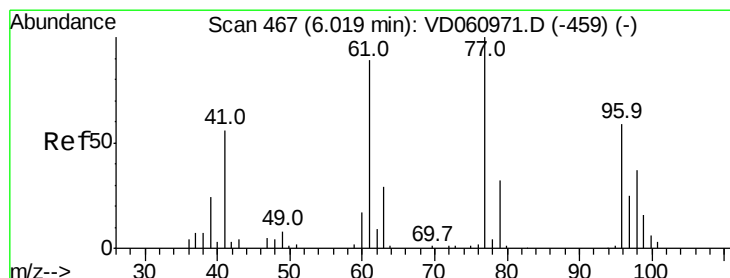
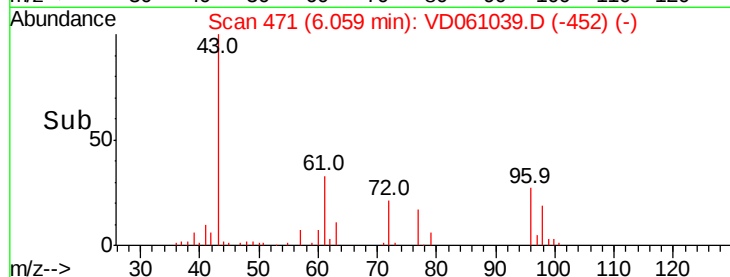
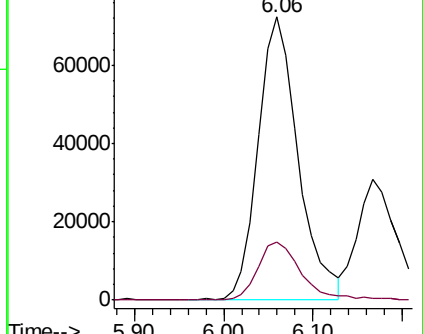
43 100

72 20.8 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.176 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.01 min

Lab File: VD061039.D

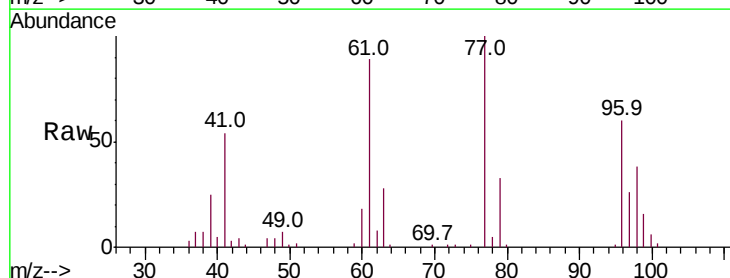
Acq: 13 Mar 2019 13:50

Tgt Ion: 77 Resp: 220391

Ion Ratio Lower Upper

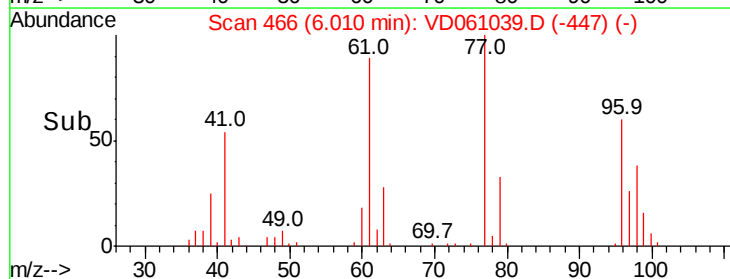
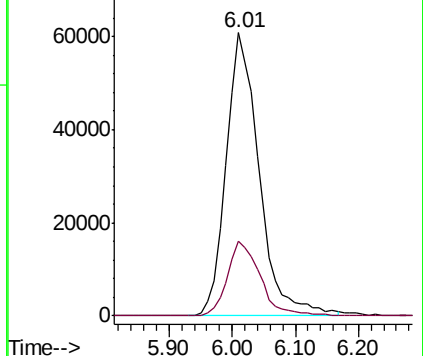
77 100

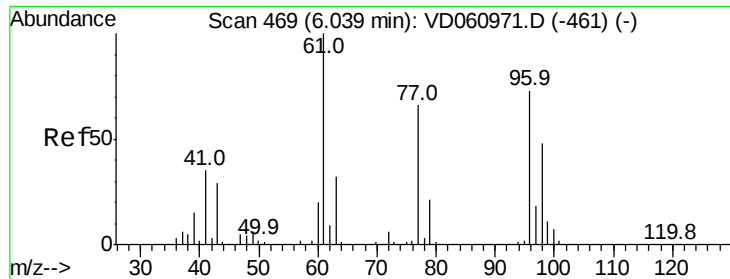
97 26.3 12.6 37.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

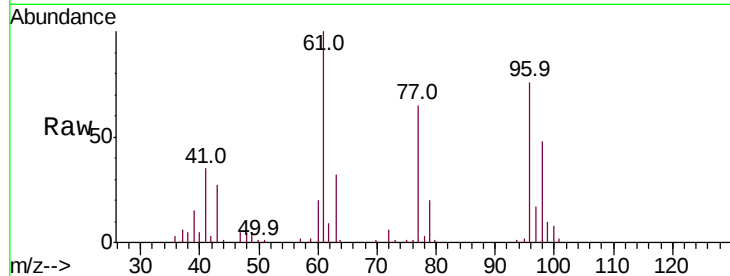




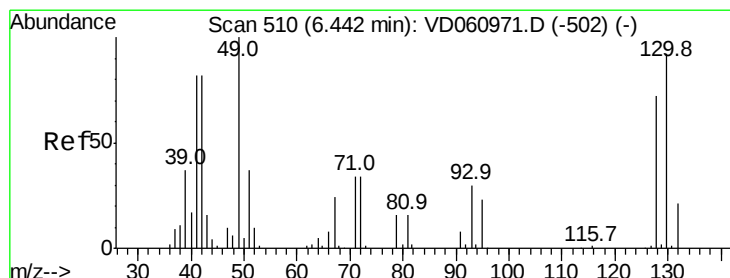
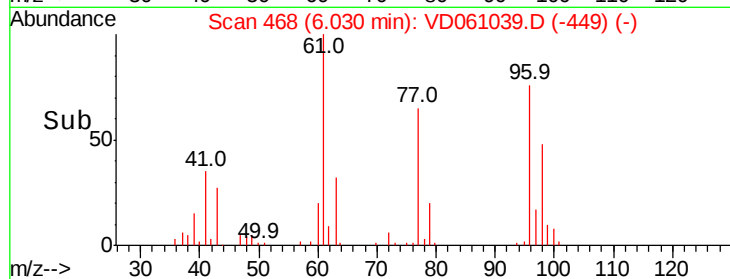
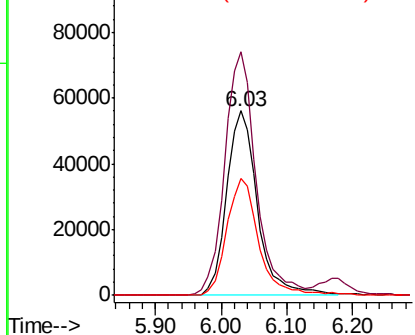
#27

cis-1,2-Dichloroethene  
Concen: 21.992 ug/l  
RT: 6.03 min Scan# 468  
Delta R.T. -0.01 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 132.0 | 0.0   | 273.6 |
| 98      | 63.5  | 0.0   | 132.6 |



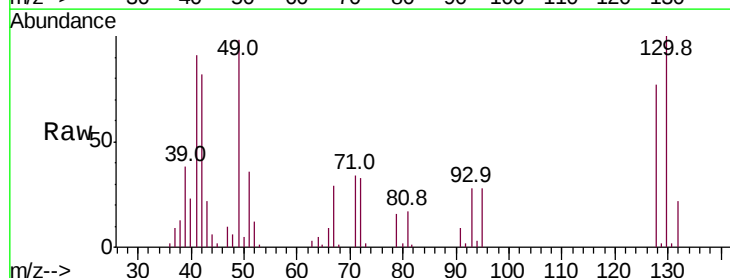
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



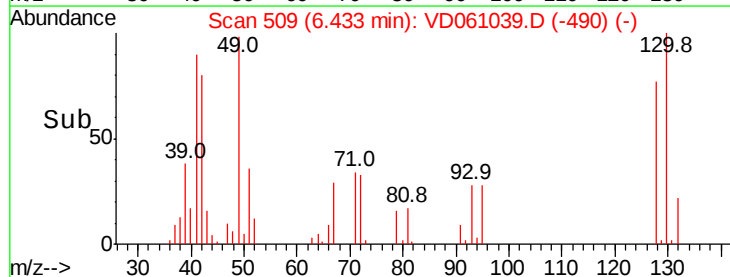
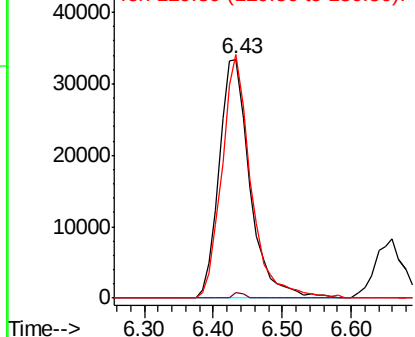
#28

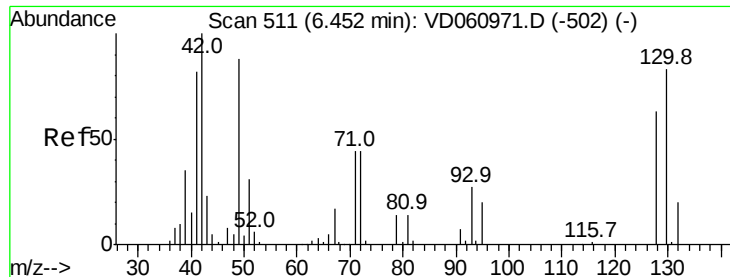
Bromochloromethane  
Concen: 18.356 ug/l  
RT: 6.43 min Scan# 509  
Delta R.T. -0.01 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 4.0   |
| 130     | 102.1 | 73.8  | 110.8 |



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: 98.812 ug/l

RT: 6.44 min Scan# 510

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

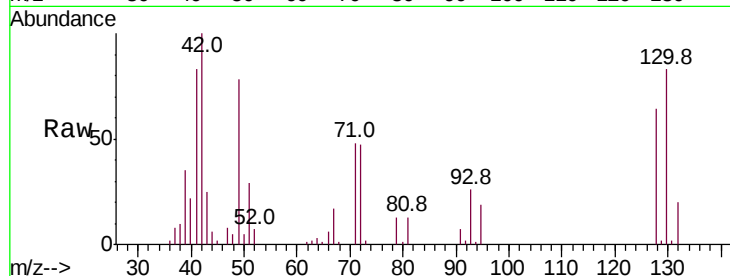
Tot Ion: 42 Resp: 105764

Ion Ratio Lower Upper

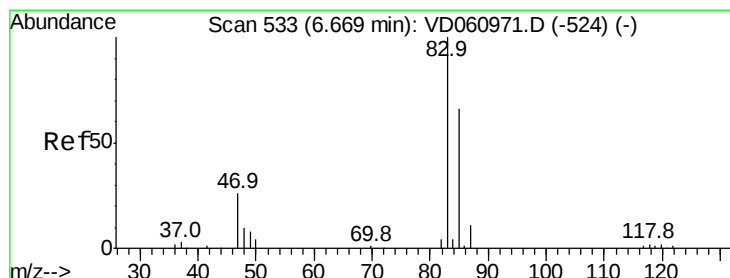
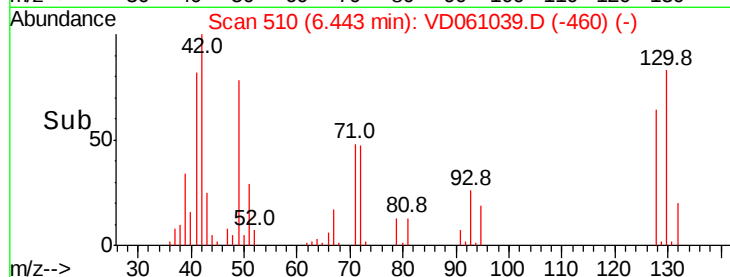
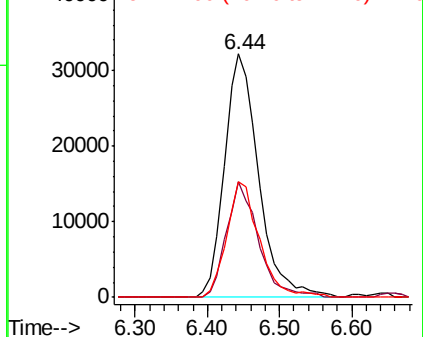
42 100

72 44.4 34.5 51.7

71 45.8 33.8 50.6



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: 20.620 ug/l

RT: 6.66 min Scan# 532

Delta R.T. -0.01 min

Lab File: VD061039.D

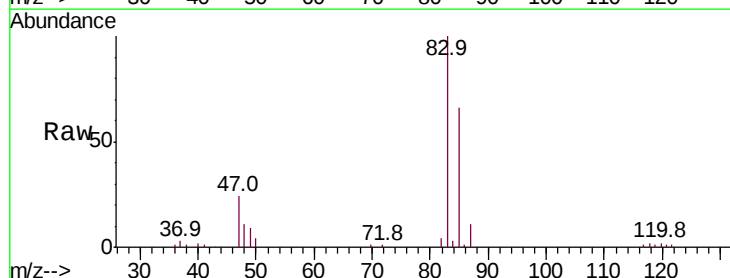
Acq: 13 Mar 2019 13:50

Tgt Ion: 83 Resp: 284913

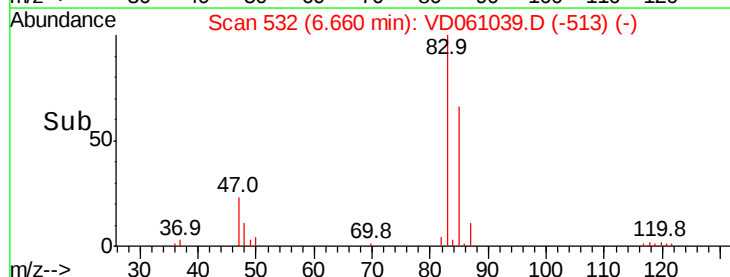
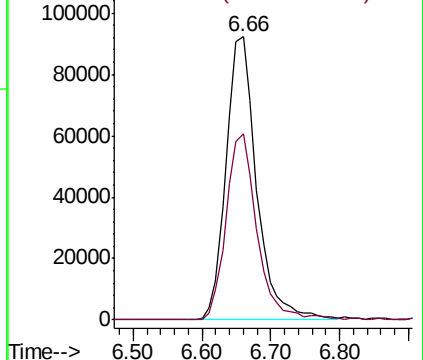
Ion Ratio Lower Upper

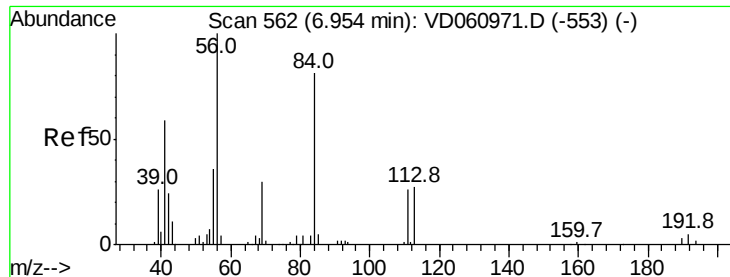
83 100

85 65.5 53.0 79.4



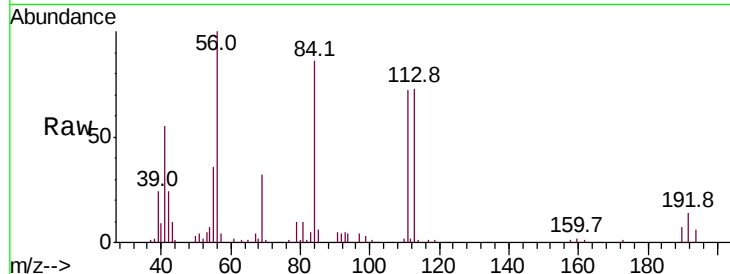
Abundance Ion 82.95 (82.65 to 83.65): VDC  
Ion 84.95 (84.65 to 85.65): VDC



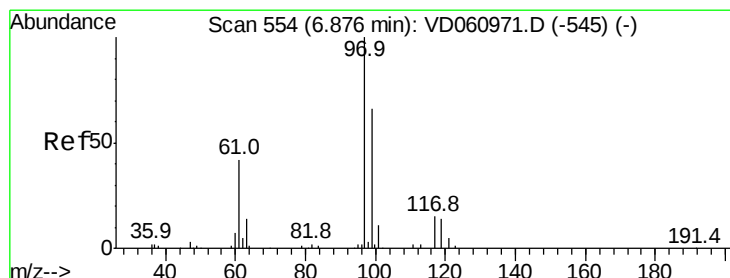
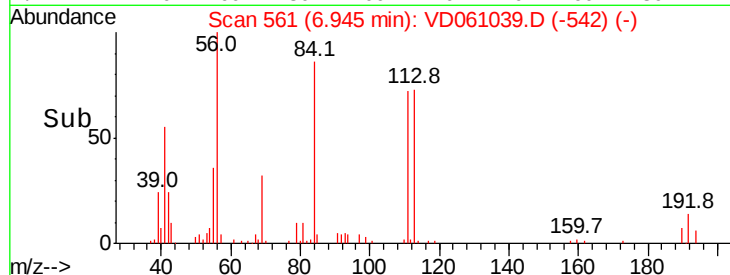
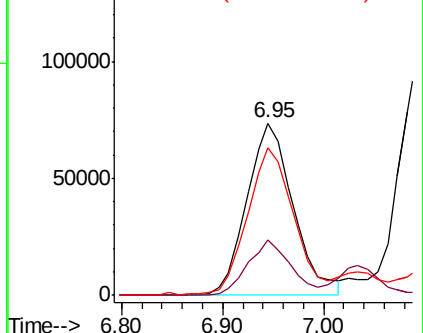


#31  
Cyclohexane  
Concen: 21.897 ug/l  
RT: 6.95 min Scan# 561  
Delta R.T. -0.01 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.2  | 24.0  | 36.0  |
| 84      | 85.8  | 65.8  | 98.6  |

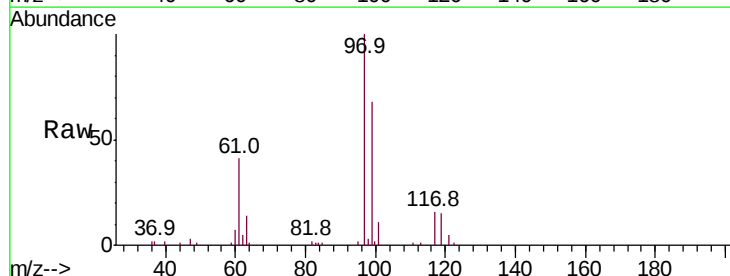


Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC

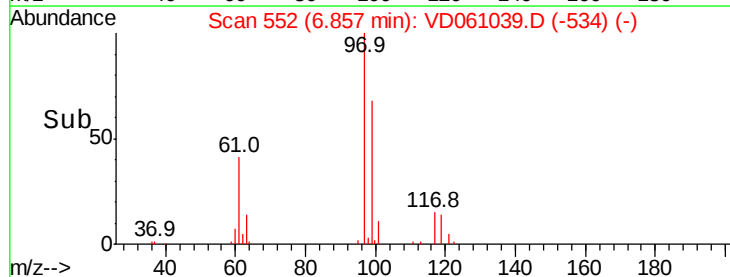
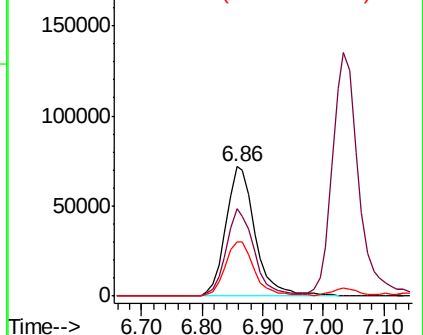


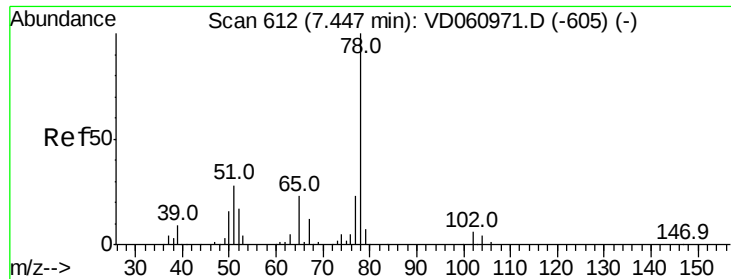
#32  
1,1,1-Trichloroethane  
Concen: 20.292 ug/l  
RT: 6.86 min Scan# 552  
Delta R.T. -0.02 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 68.0  | 53.2  | 79.8  |
| 61      | 41.5  | 33.8  | 50.8  |



Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 98.85 (98.55 to 99.55): VDC  
Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 20.292 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061039.D

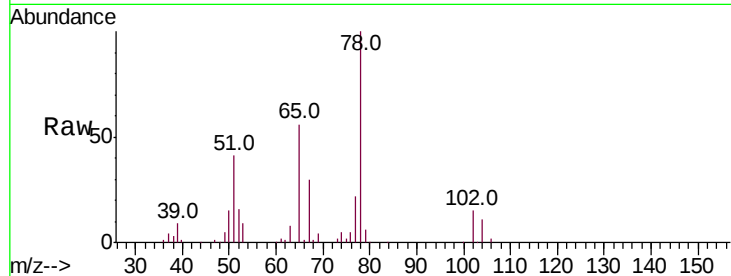
Acq: 13 Mar 2019 13:50

Tot Ion: 65 Resp: 303438

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

120000

100000

80000

60000

40000

20000

0

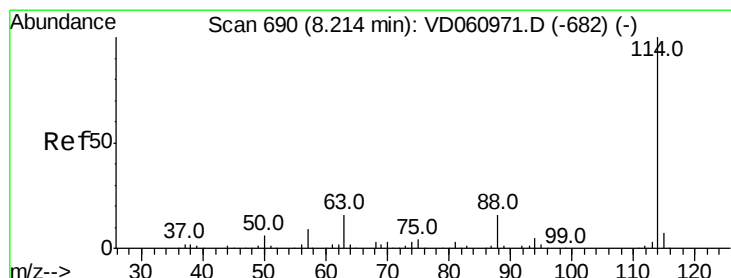
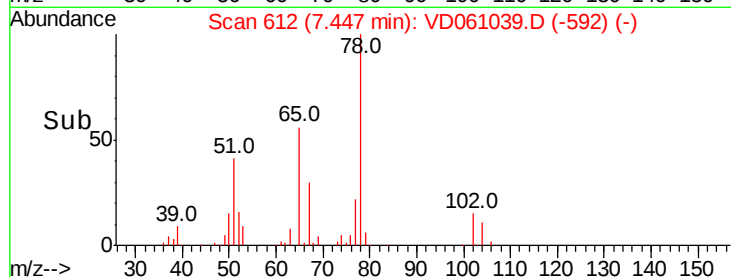
Time-->

7.30

7.40

7.50

7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

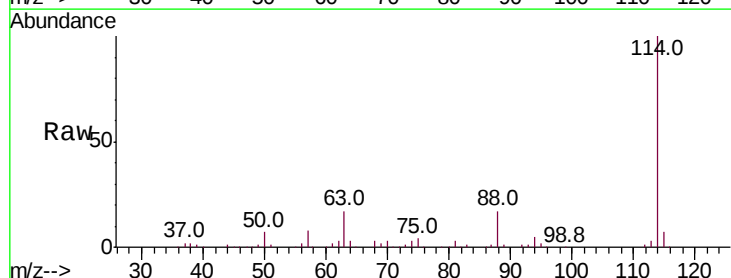
Tgt Ion: 114 Resp: 1261205

Ion Ratio Lower Upper

114 100

63 16.8 0.0 31.4

88 16.5 0.0 33.0



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

600000

500000

400000

300000

200000

100000

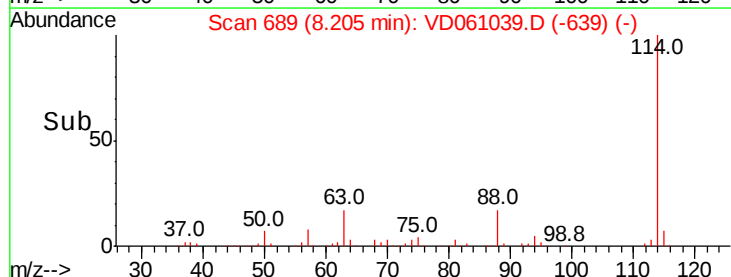
0

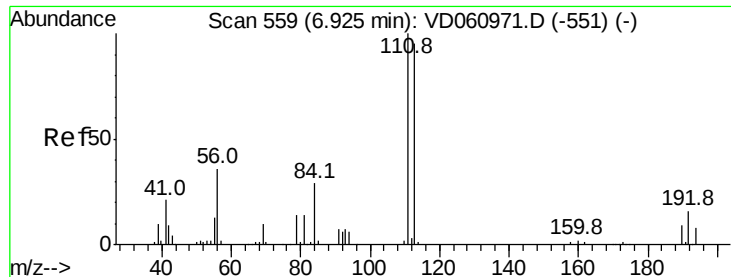
Time-->

8.00

8.20

8.40





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

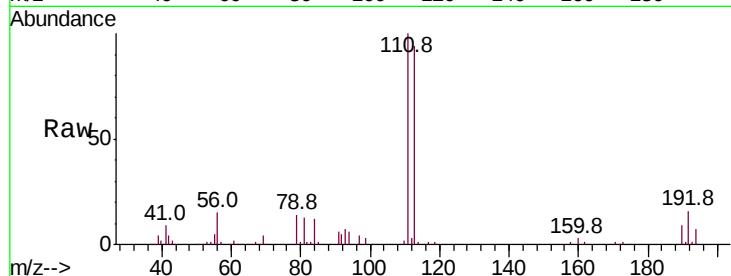
Tot Ion:113 Resp: 483754

Ion Ratio Lower Upper

113 100

111 106.2 84.2 126.4

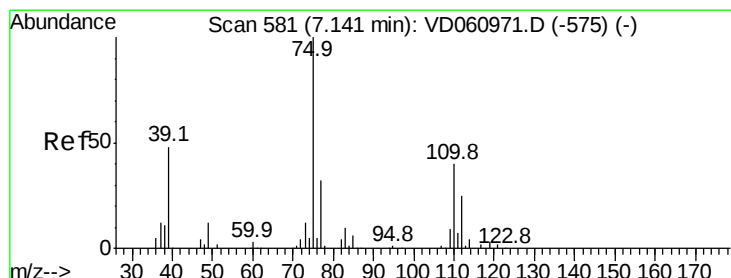
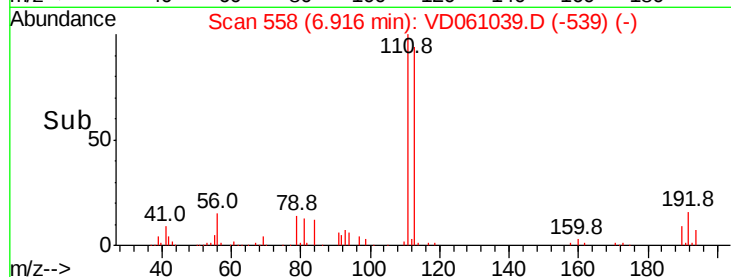
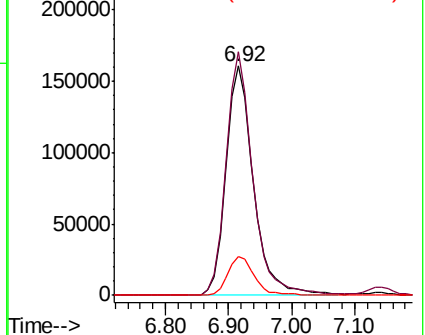
192 17.0 13.1 19.7



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: 19.955 ug/l

RT: 7.14 min Scan# 581

Delta R.T. 0.00 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

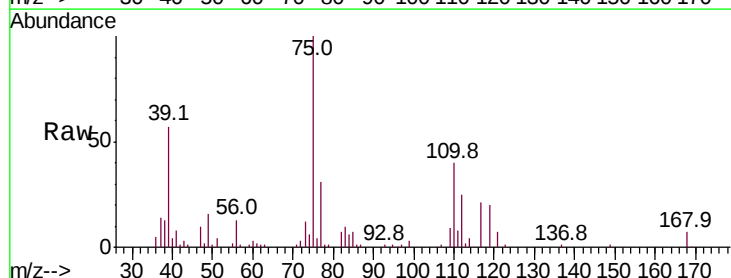
Tgt Ion: 75 Resp: 216940

Ion Ratio Lower Upper

75 100

110 40.4 19.7 59.1

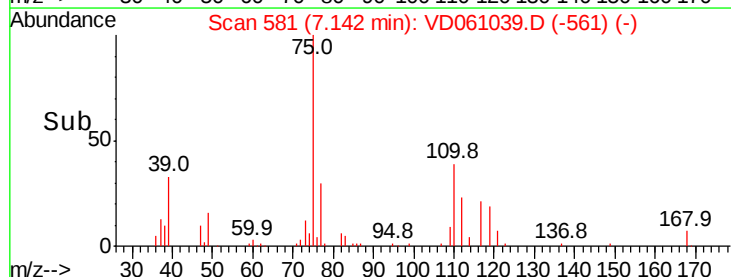
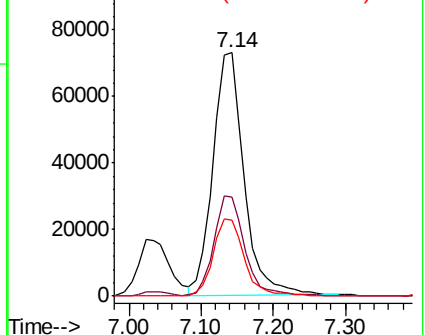
77 31.1 24.7 37.1

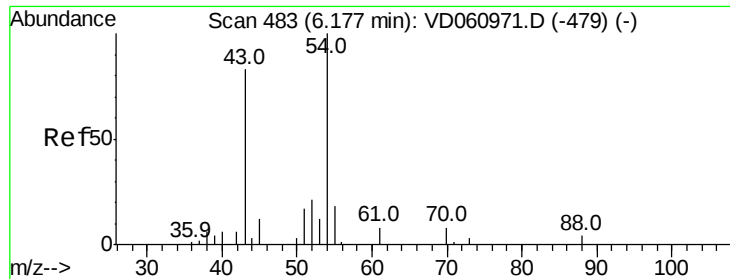


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

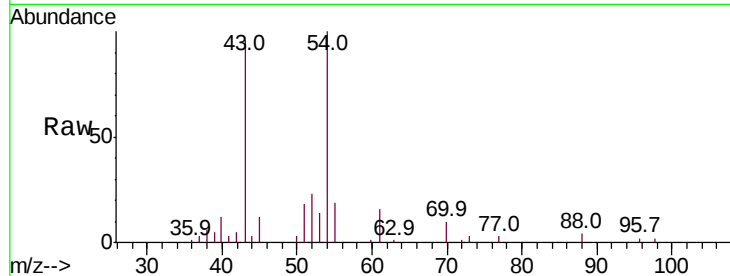
Ion 76.95 (76.65 to 77.65): V



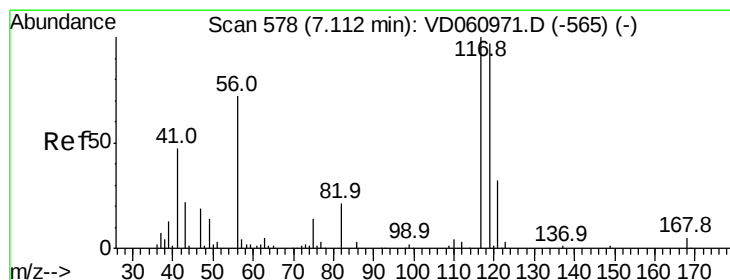
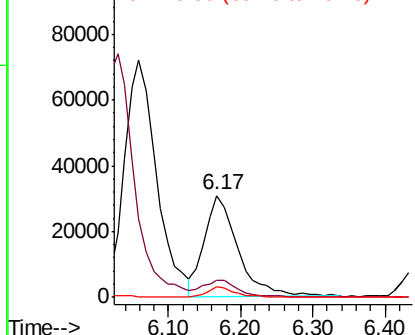
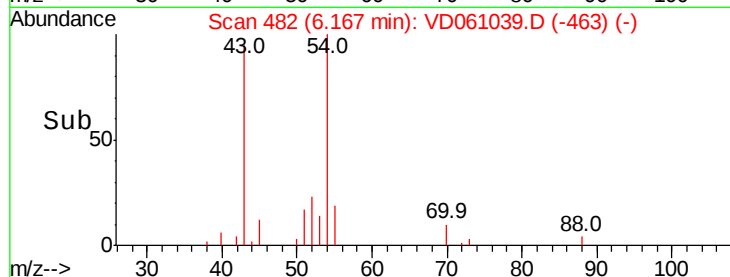


#37  
Ethyl Acetate  
Concen: 19.152 ug/l  
RT: 6.17 min Scan# 482  
Delta R.T. -0.01 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

Tot Ion: 43 Resp: 97705  
Ion Ratio Lower Upper  
43 100  
61 16.9 13.7 20.5  
70 10.8 7.1 10.7#

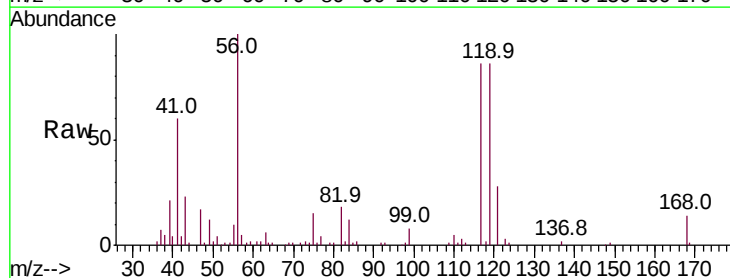


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

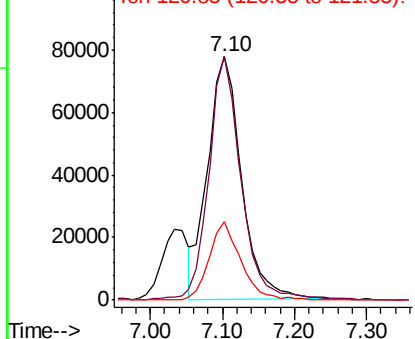
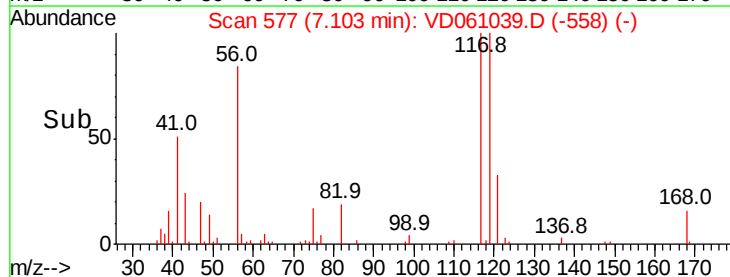


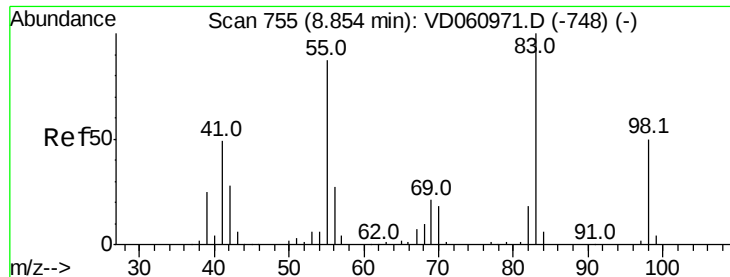
#38  
Carbon Tetrachloride  
Concen: 20.989 ug/l  
RT: 7.10 min Scan# 577  
Delta R.T. -0.01 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

Tgt Ion: 117 Resp: 251350  
Ion Ratio Lower Upper  
117 100  
119 100.0 77.8 116.8  
121 32.2 25.3 37.9



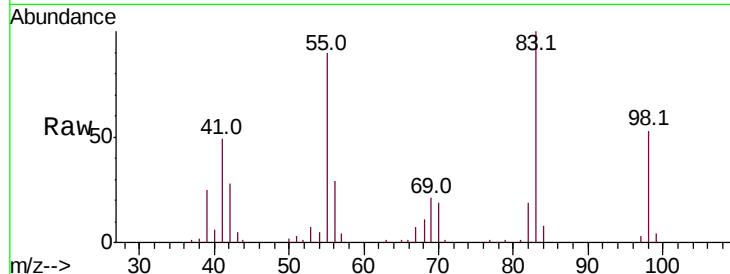
Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 118.85 (118.55 to 119.55): V  
Ion 120.85 (120.55 to 121.55): V



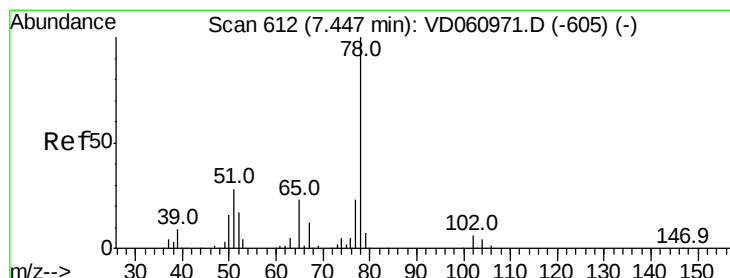
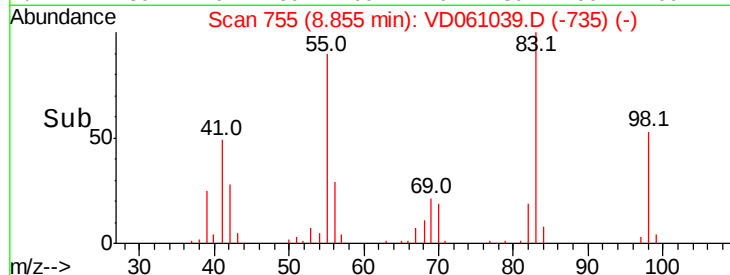
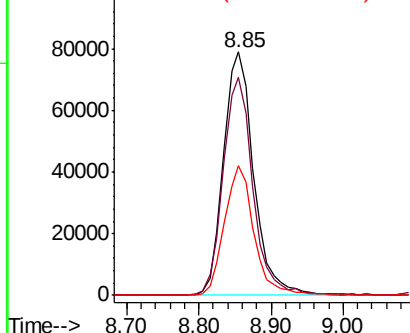


#39  
Methvlcvclohexane  
Concen: 20.390 ug/l  
RT: 8.85 min Scan# 755  
Delta R.T. 0.00 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

Tot Ion: 83 Resp: 229848  
Ion Ratio Lower Upper  
83 100  
55 89.7 69.6 104.4  
98 53.3 40.0 60.0

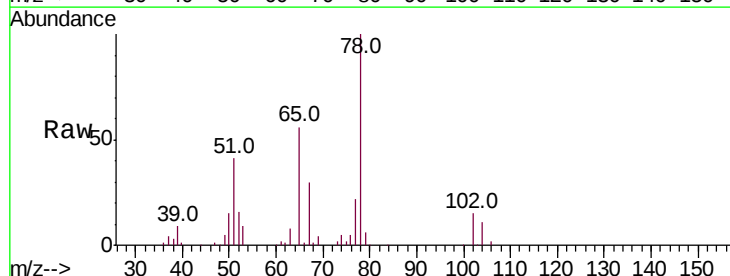


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

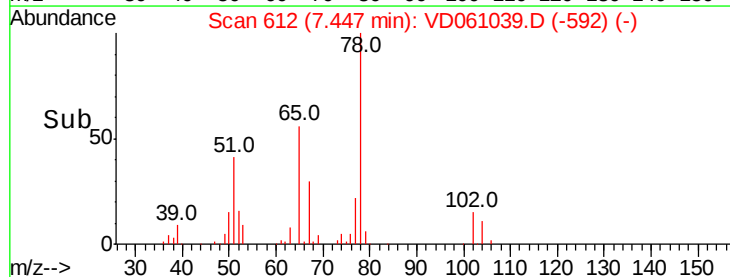
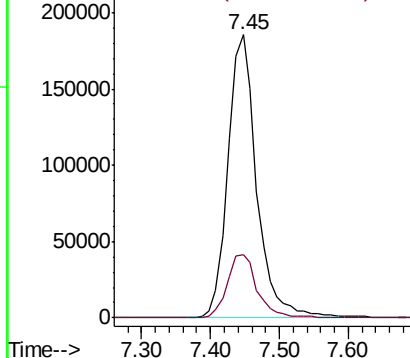


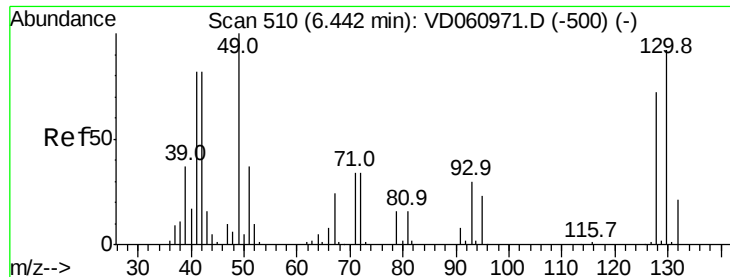
#40  
Benzene  
Concen: 19.700 ug/l  
RT: 7.45 min Scan# 612  
Delta R.T. 0.00 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

Tgt Ion: 78 Resp: 535152  
Ion Ratio Lower Upper  
78 100  
77 22.2 18.8 28.2



Abundance Ion 77.95 (77.65 to 78.65): VDC  
Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 19.772 ug/l

RT: 6.43 min Scan# 509

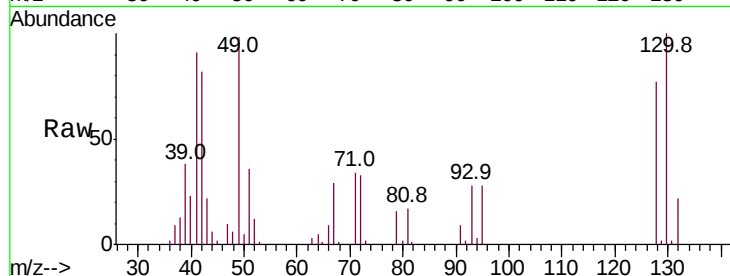
Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

Tot Ion: 41 Resp: 116019

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 42.1  | 35.7  | 53.5  |
| 67  | 31.4  | 23.0  | 34.6  |
| 52  | 13.4  | 9.2   | 13.8  |

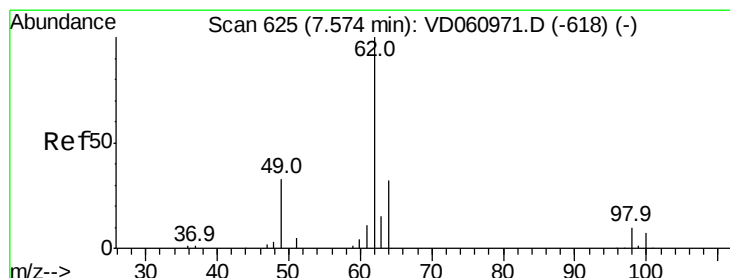
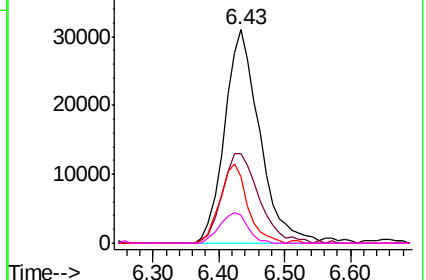
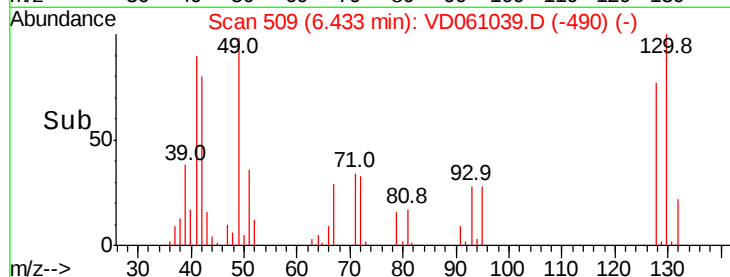


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 20.443 ug/l

RT: 7.57 min Scan# 624

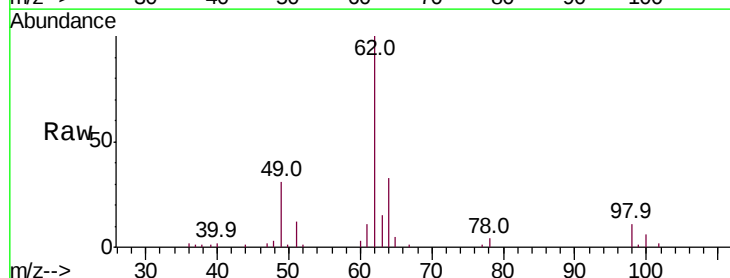
Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

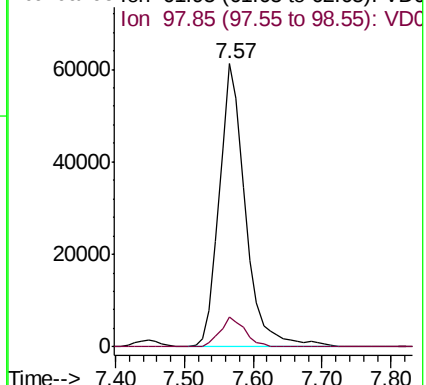
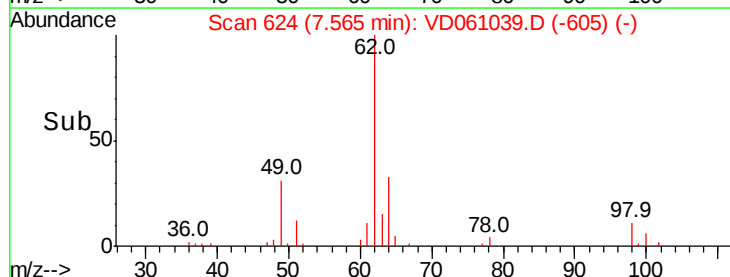
Tgt Ion: 62 Resp: 161157

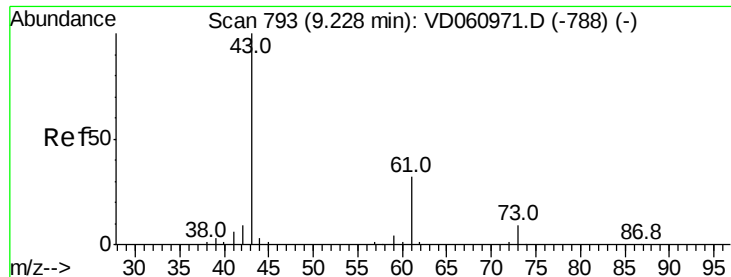
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.7  | 0.0   | 20.4  |



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

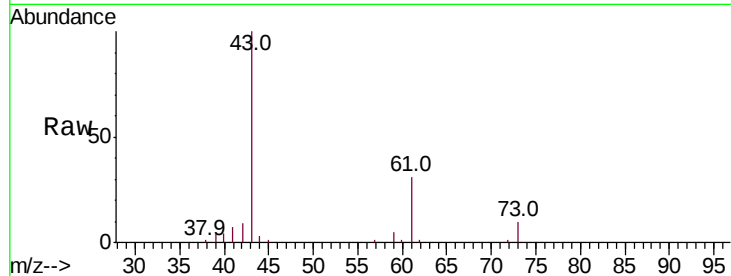




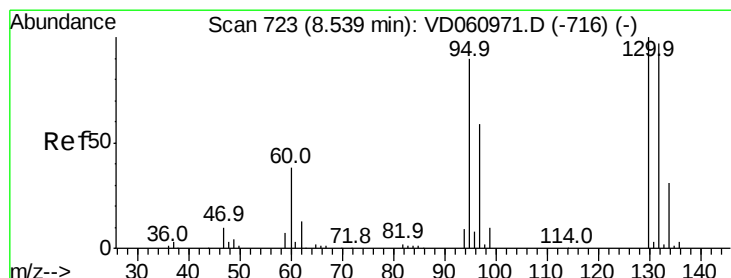
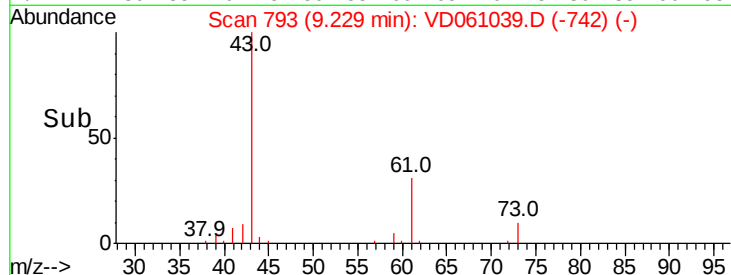
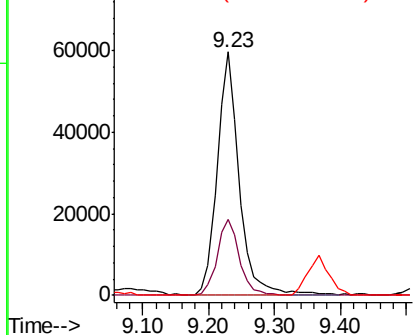
#43

Isopropyl Acetate  
 Concen: 19.582 ug/l  
 RT: 9.23 min Scan# 793  
 Delta R.T. 0.00 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

Tot Ion: 43 Resp: 138366  
 Ion Ratio Lower Upper  
 43 100  
 61 31.1 25.6 38.4  
 87 0.0 0.2 0.4#



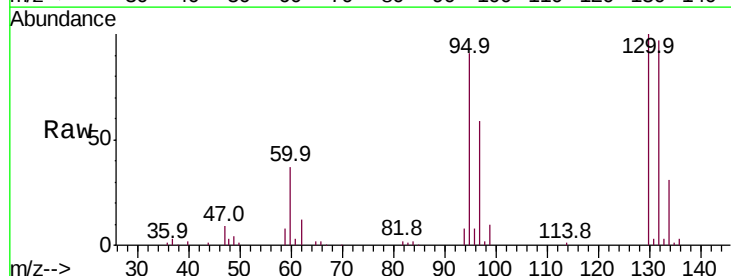
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



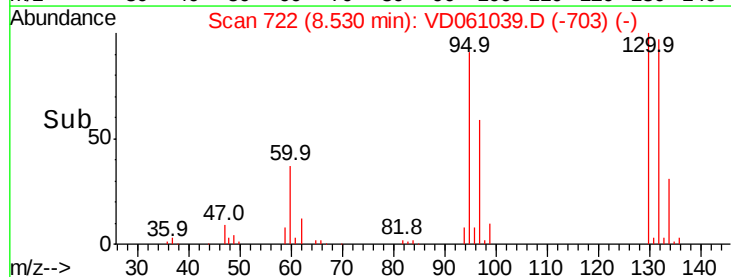
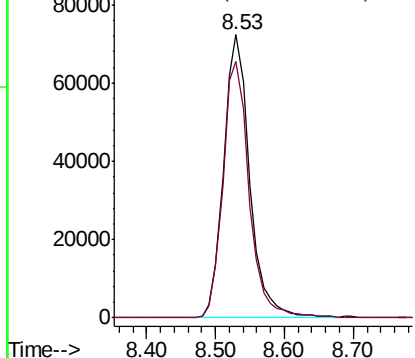
#44

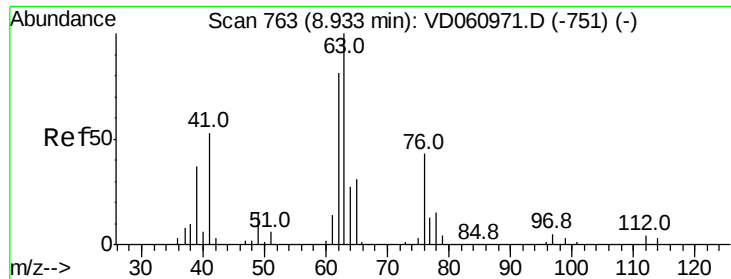
Trichloroethene  
 Concen: 20.264 ug/l  
 RT: 8.53 min Scan# 722  
 Delta R.T. -0.01 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

Tgt Ion:130 Resp: 189909  
 Ion Ratio Lower Upper  
 130 100  
 95 90.7 0.0 179.4



Abundance Ion 129.80 (129.50 to 130.50): VDC  
 Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.533 ug/l

RT: 8.92 min Scan# 762

Delta R.T. -0.01 min

Lab File: VD061039.D

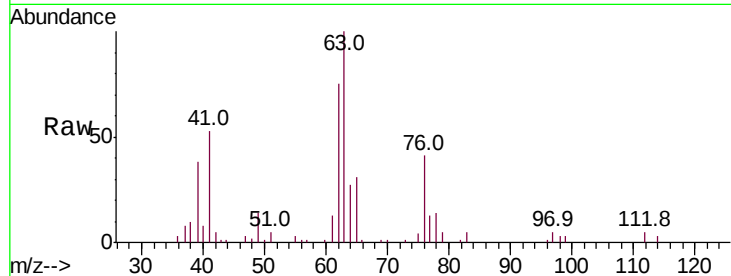
Acq: 13 Mar 2019 13:50

Tot Ion: 63 Resp: 146541

Ion Ratio Lower Upper

63 100

65 30.8 24.8 37.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.92

60000

50000

40000

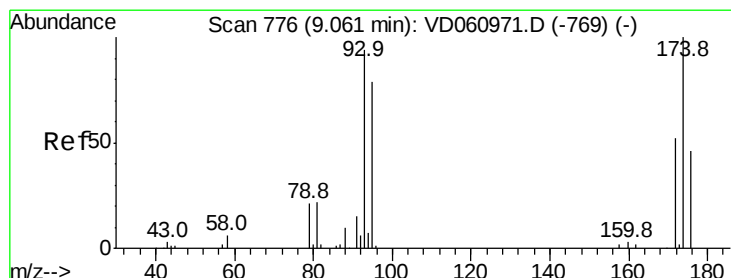
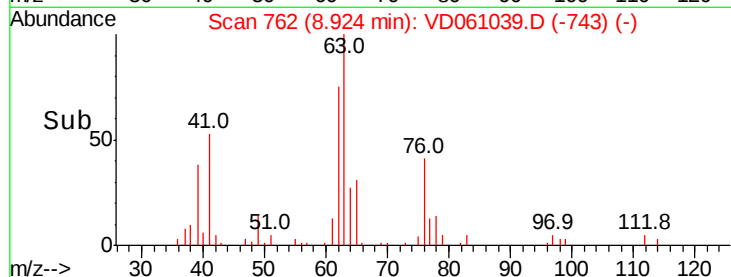
30000

20000

10000

0

Time--> 8.70 8.80 8.90 9.00 9.10



#46

Dibromomethane

Concen: 20.480 ug/l

RT: 9.05 min Scan# 775

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

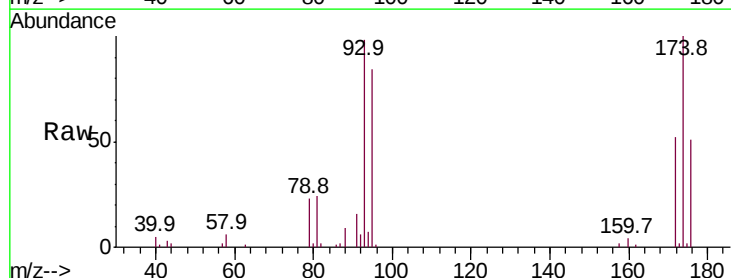
Tgt Ion: 93 Resp: 92713

Ion Ratio Lower Upper

93 100

95 85.1 67.4 101.0

174 101.9 85.4 128.0



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

9.05

50000

40000

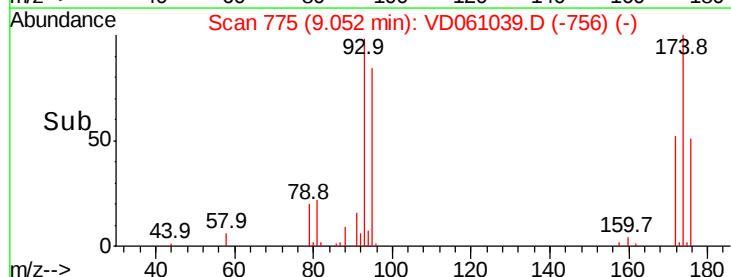
30000

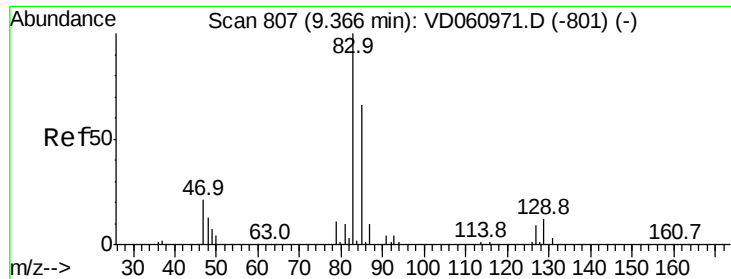
20000

10000

0

Time--> 9.00 9.10 9.20





#47

Bromodichloromethane

Concen: 20.549 ug/l

RT: 9.37 min Scan# 807

Delta R.T. 0.00 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

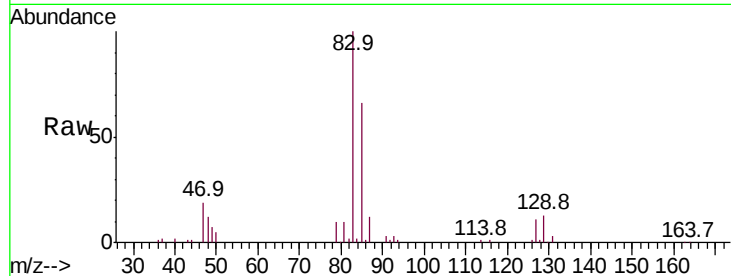
Tot Ion: 83 Resp: 209924

Ion Ratio Lower Upper

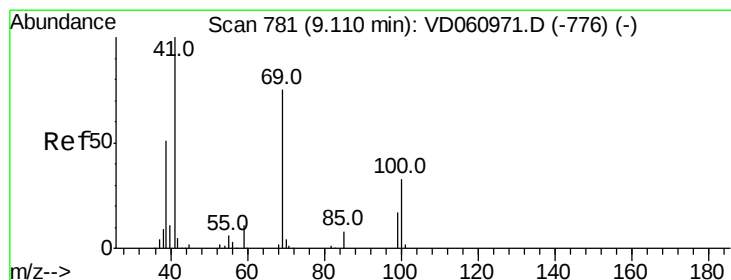
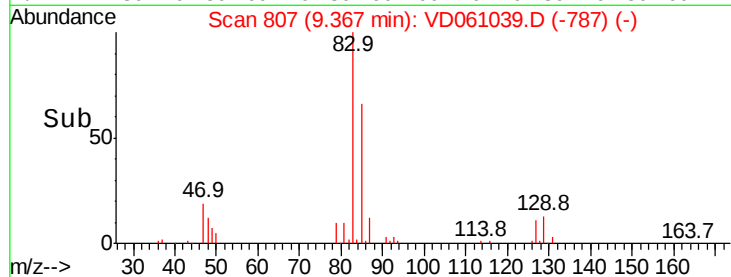
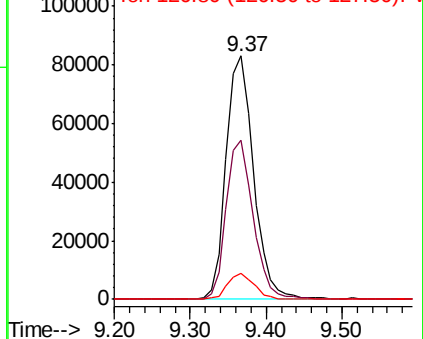
83 100

85 65.5 52.5 78.7

127 10.6 7.5 11.3



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): VDC



#48

Methyl methacrylate

Concen: 20.014 ug/l

RT: 9.11 min Scan# 781

Delta R.T. 0.00 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

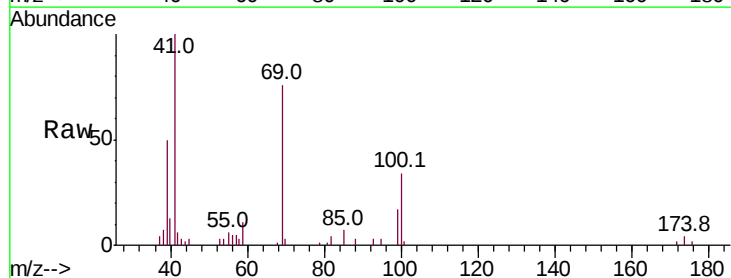
Tgt Ion: 41 Resp: 79621

Ion Ratio Lower Upper

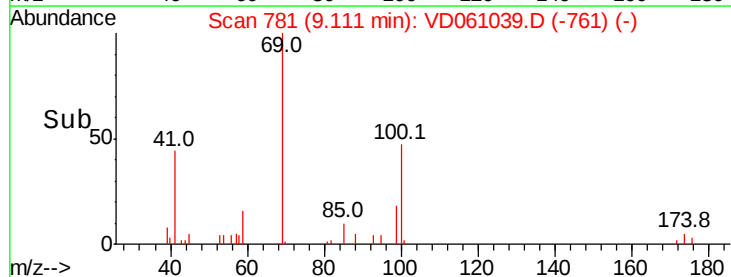
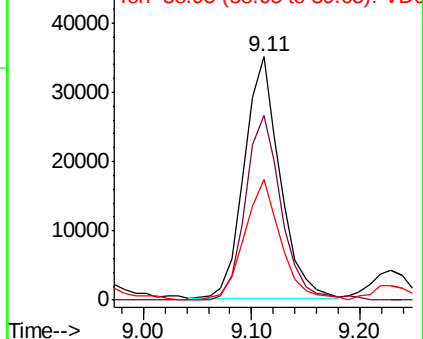
41 100

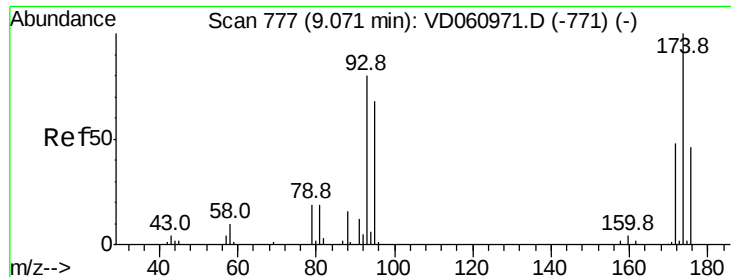
69 75.9 59.9 89.9

39 49.6 40.9 61.3



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: 400.864 ug/l

RT: 9.07 min Scan# 777

Delta R.T. 0.00 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

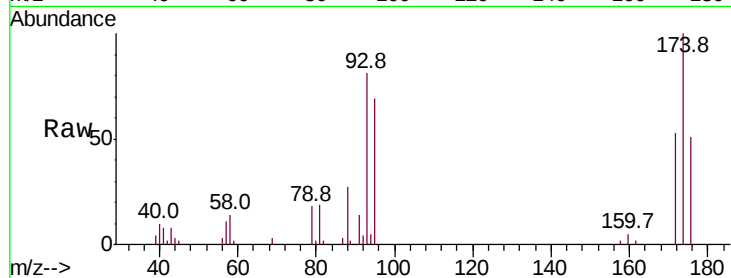
Tot Ion: 88 Resp: 16126

Ion Ratio Lower Upper

88 100

43 28.0 21.0 31.6

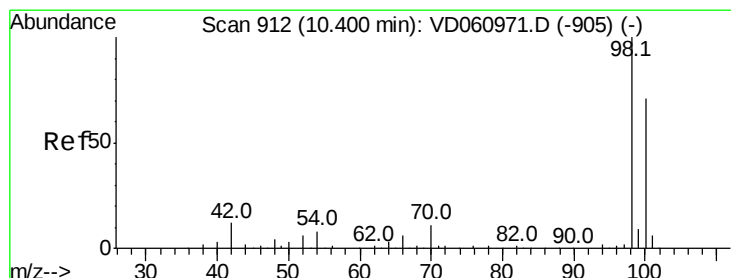
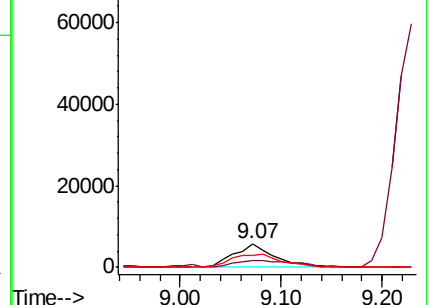
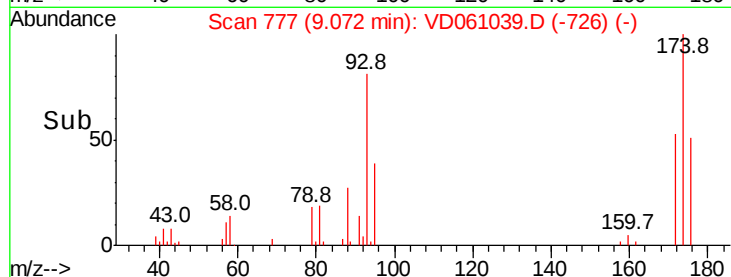
58 52.8 48.6 72.8



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: 400.864 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061039.D

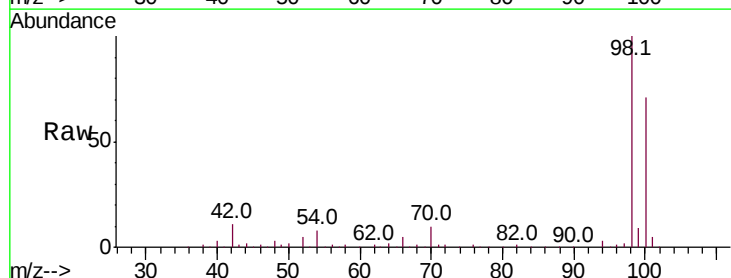
Acq: 13 Mar 2019 13:50

Tgt Ion: 98 Resp: 1190561

Ion Ratio Lower Upper

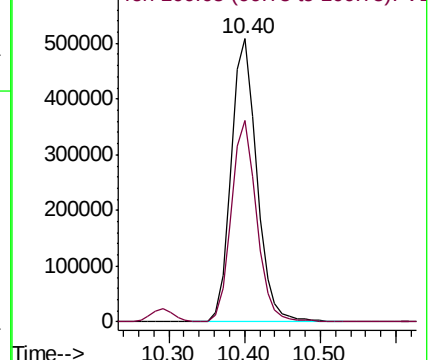
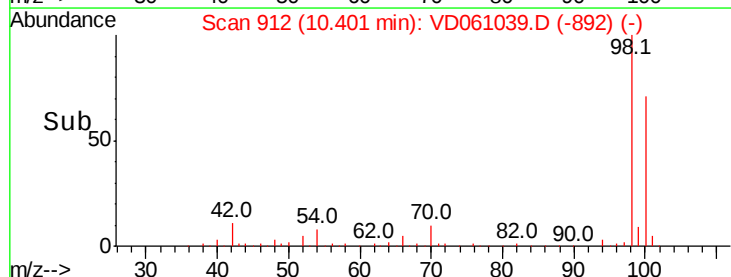
98 100

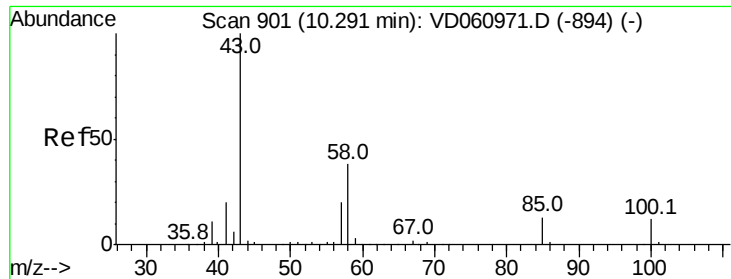
100 71.0 57.4 86.2



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: 100.664 ug/l

RT: 10.29 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD061039.D

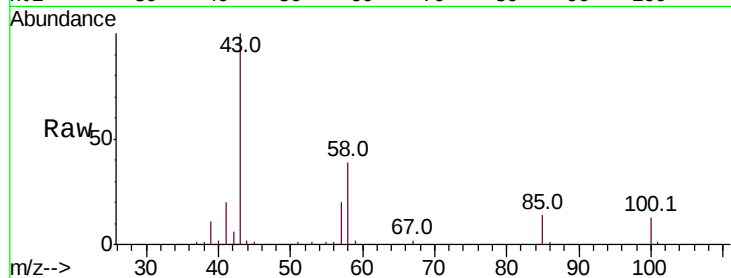
Acq: 13 Mar 2019 13:50

Tot Ion: 43 Resp: 435748

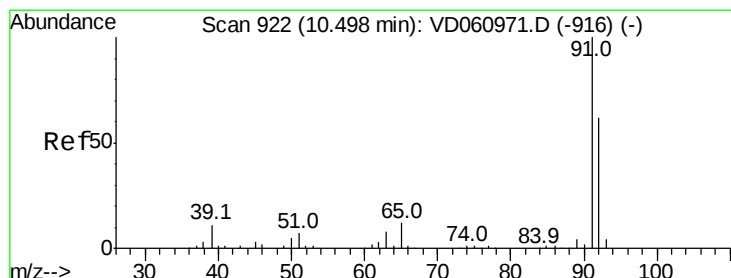
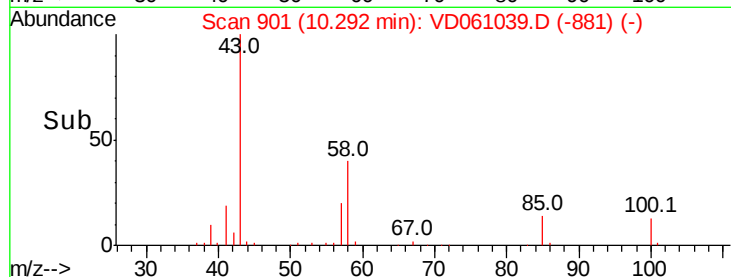
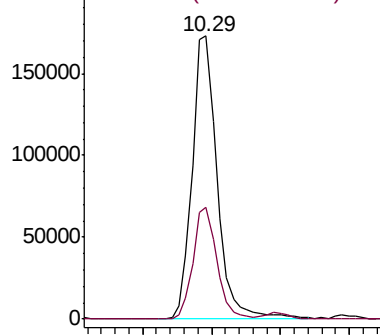
Ion Ratio Lower Upper

43 100

58 39.3 30.2 45.2



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



#52

Toluene

Concen: 19.862 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: VD061039.D

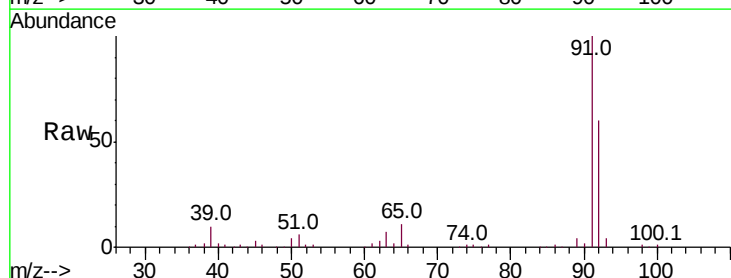
Acq: 13 Mar 2019 13:50

Tgt Ion: 92 Resp: 335510

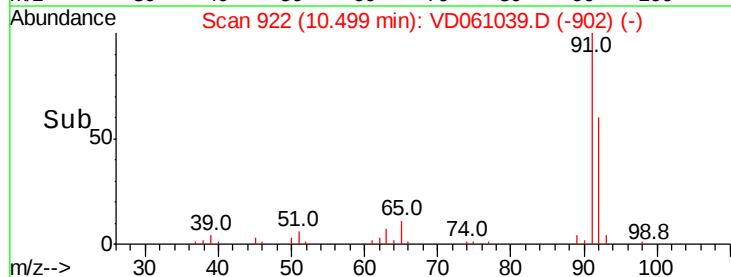
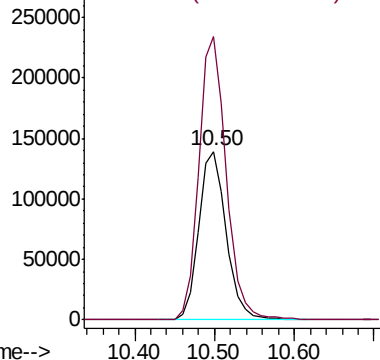
Ion Ratio Lower Upper

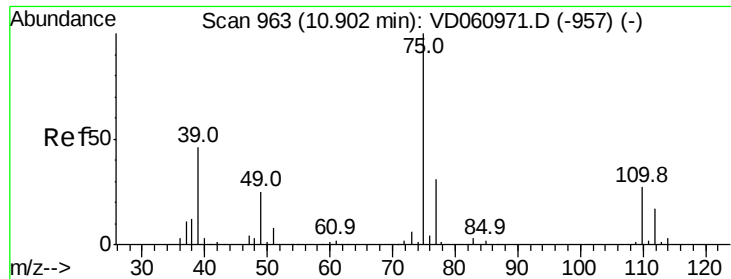
92 100

91 168.0 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC  
Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 19.699 ug/l

RT: 10.90 min Scan# 963

Delta R.T. 0.00 min

Lab File: VD061039.D

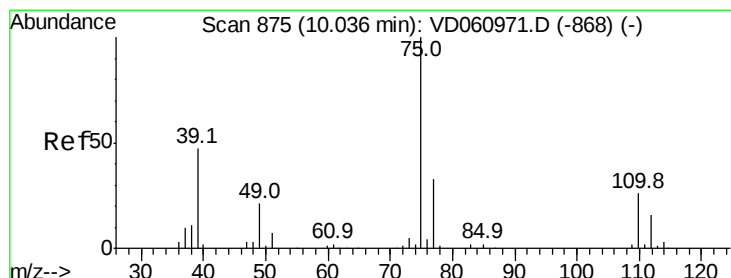
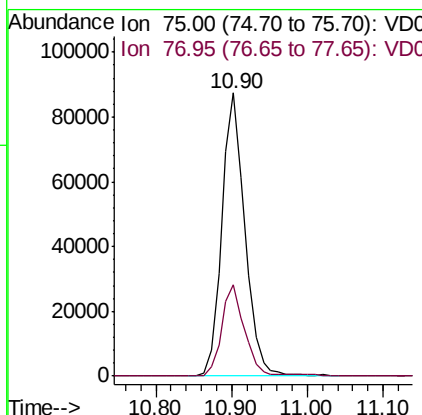
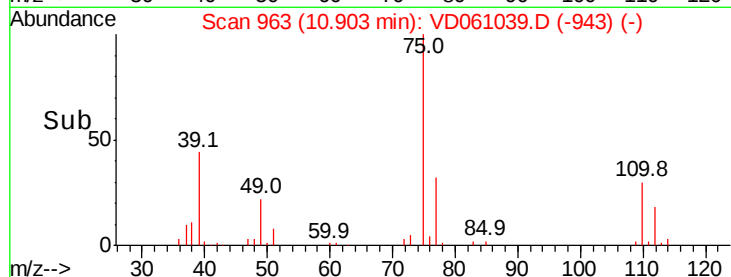
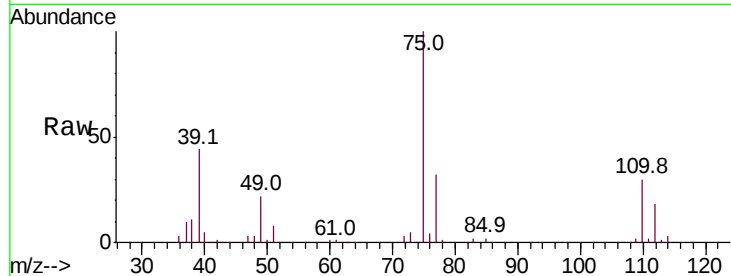
Acq: 13 Mar 2019 13:50

Tot Ion: 75 Resp: 184014

Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 20.962 ug/l

RT: 10.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

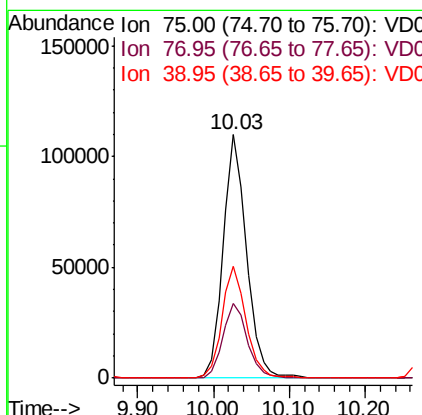
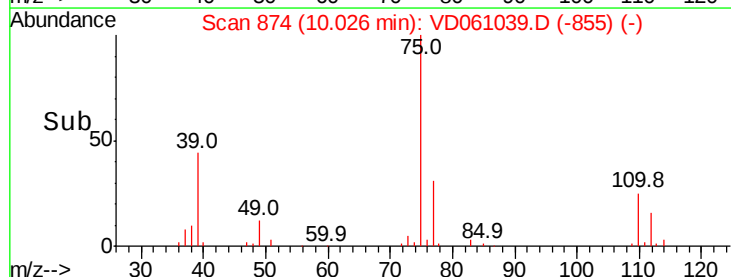
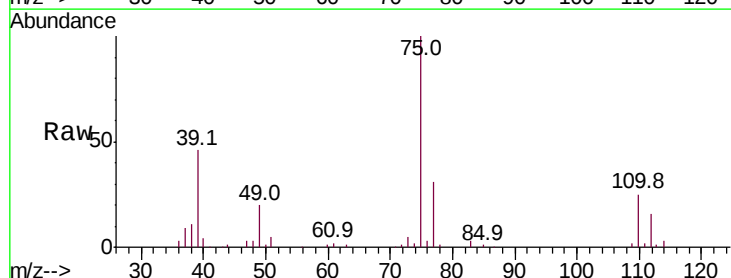
Tgt Ion: 75 Resp: 235271

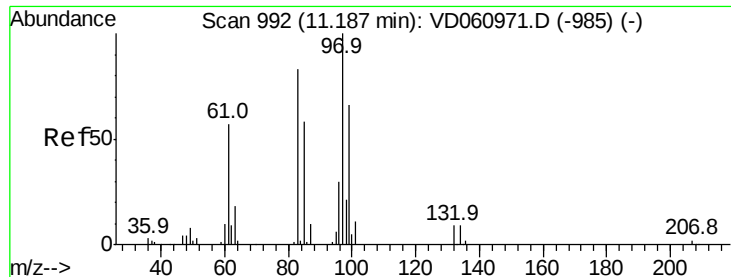
Ion Ratio Lower Upper

75 100

77 30.7 26.2 39.4

39 46.1 37.8 56.8





#55

1,1,2-Trichloroethane

Concen: 20.707 ug/l

RT: 11.18 min Scan# 991

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

Tot Ion: 97 Resp: 116484

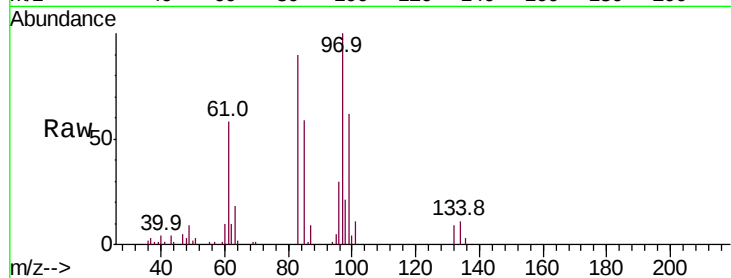
Ion Ratio Lower Upper

97 100

83 90.3 66.6 100.0

85 59.2 46.4 69.6

99 61.7 52.4 78.6

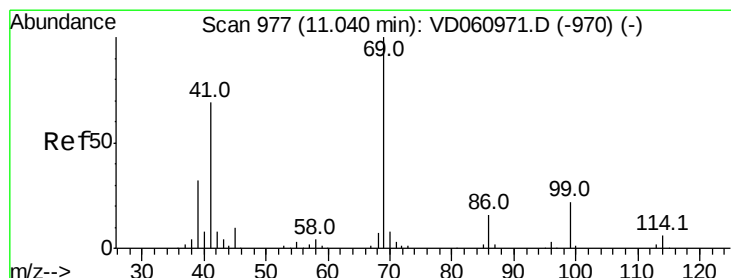
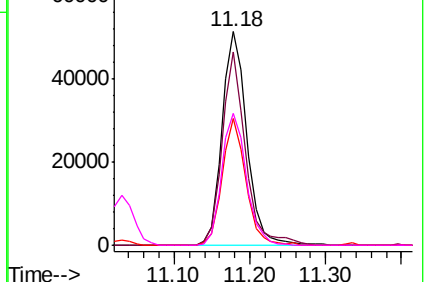
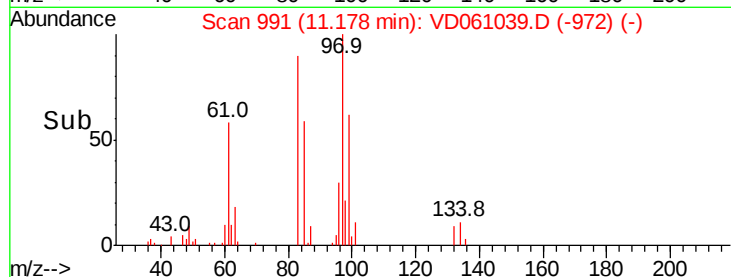


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 20.230 ug/l

RT: 11.03 min Scan# 976

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

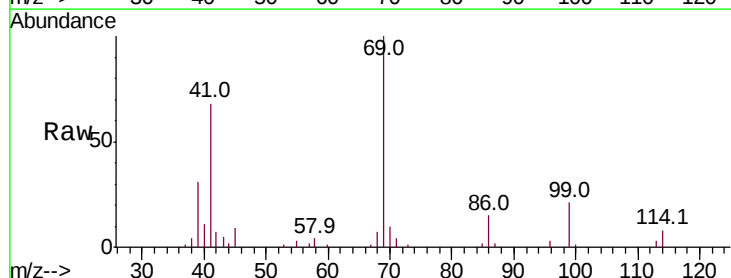
Tgt Ion: 69 Resp: 119116

Ion Ratio Lower Upper

69 100

41 68.3 55.5 83.3

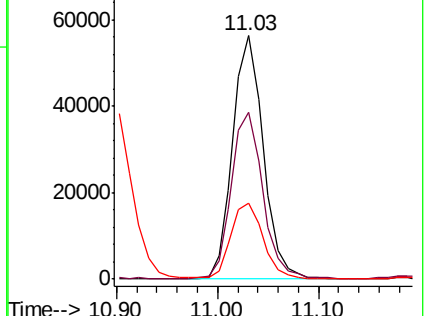
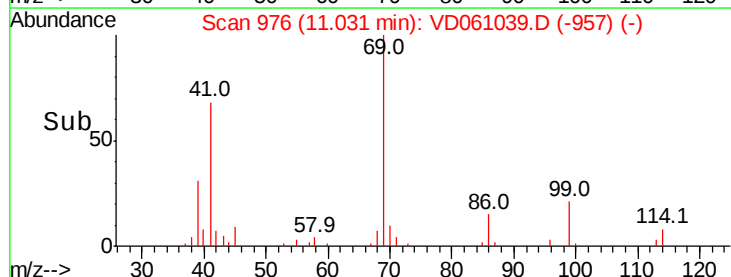
39 31.2 26.2 39.2

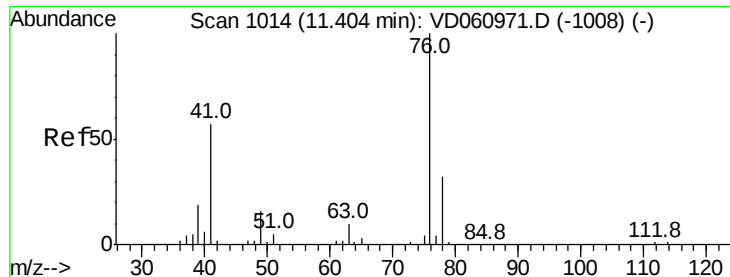


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 21.632 ug/l

RT: 11.39 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VD061039.D

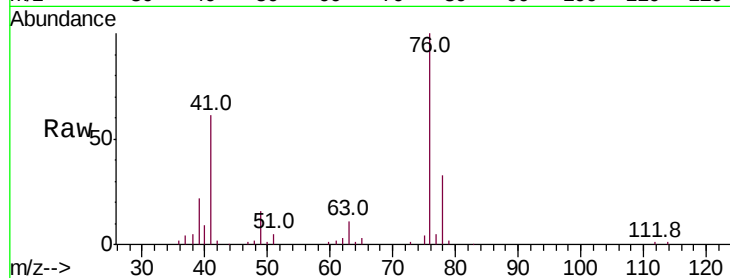
Acq: 13 Mar 2019 13:50

Tot Ion: 76 Resp: 181856

Ion Ratio Lower Upper

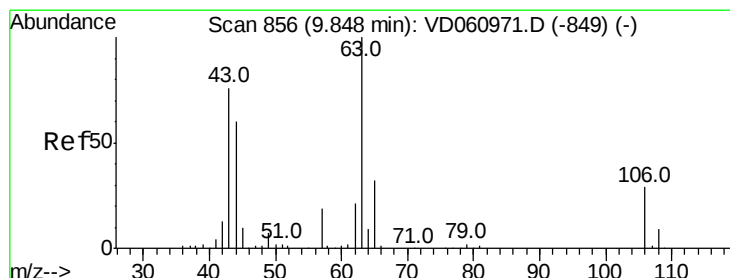
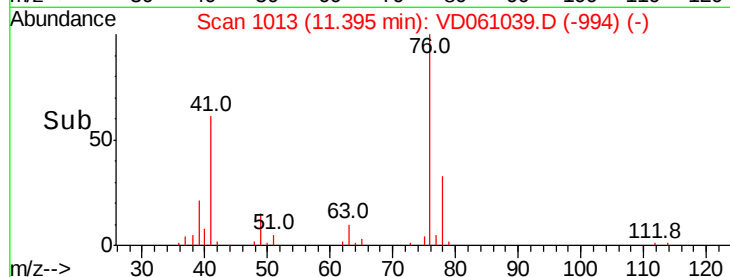
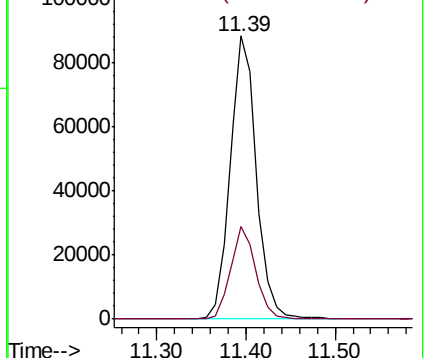
76 100

78 32.5 25.4 38.0



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 99.007 ug/l

RT: 9.85 min Scan# 856

Delta R.T. 0.00 min

Lab File: VD061039.D

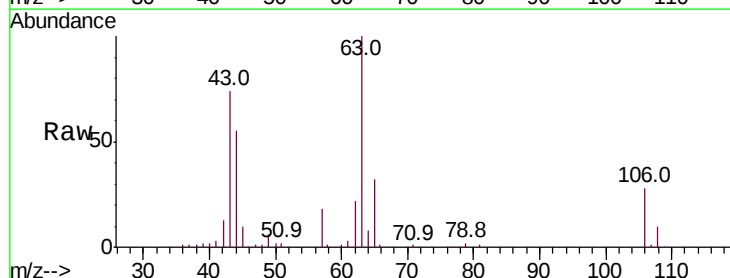
Acq: 13 Mar 2019 13:50

Tgt Ion: 63 Resp: 308583

Ion Ratio Lower Upper

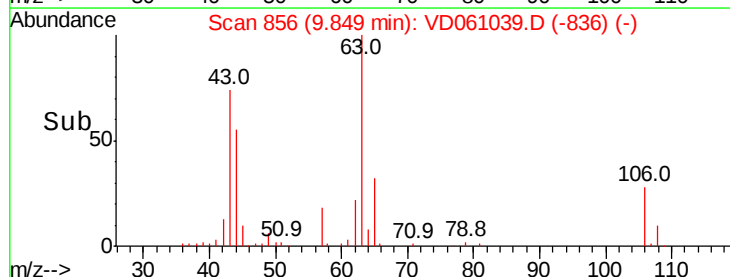
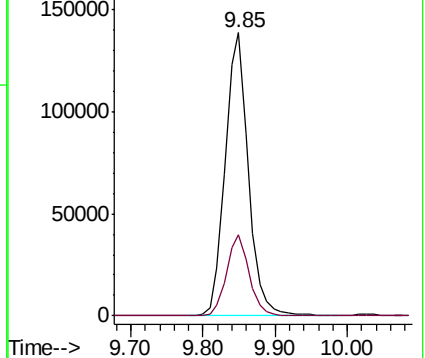
63 100

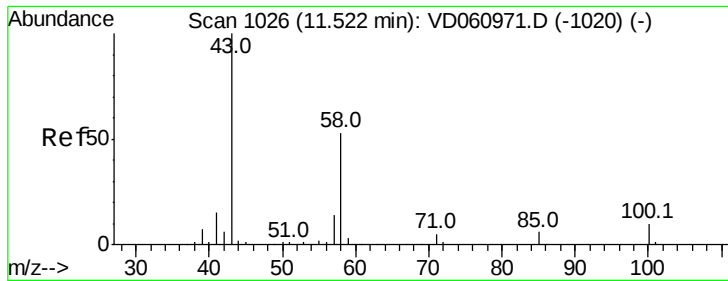
106 28.4 22.8 34.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

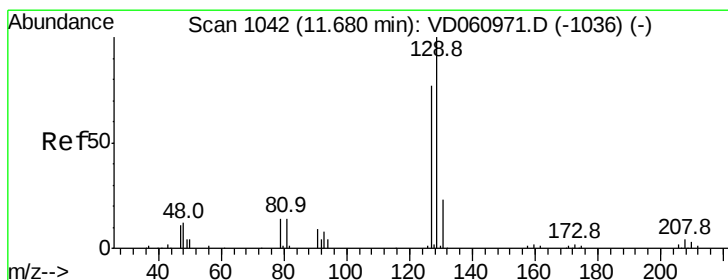
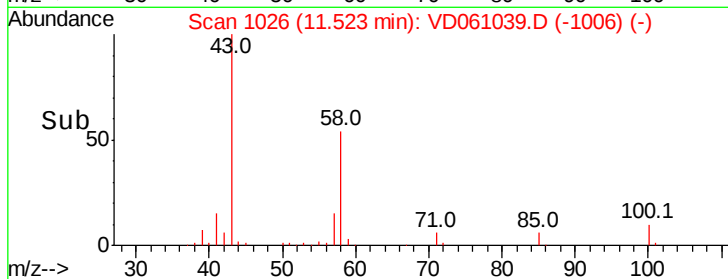
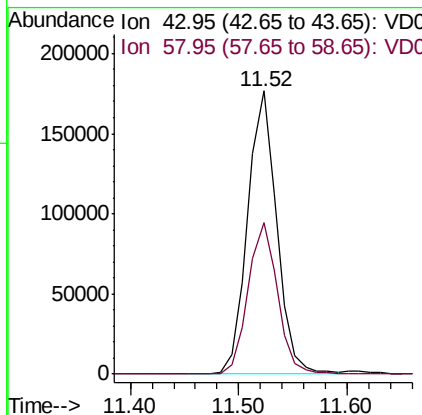
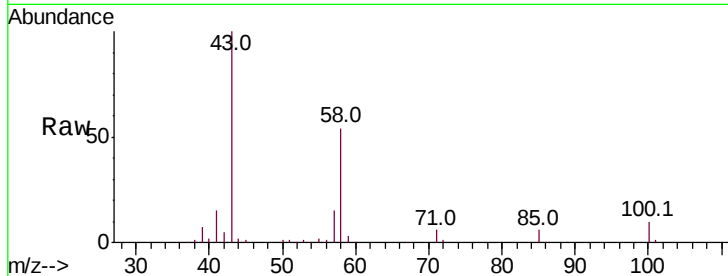
Ion 105.95 (105.65 to 106.65): V





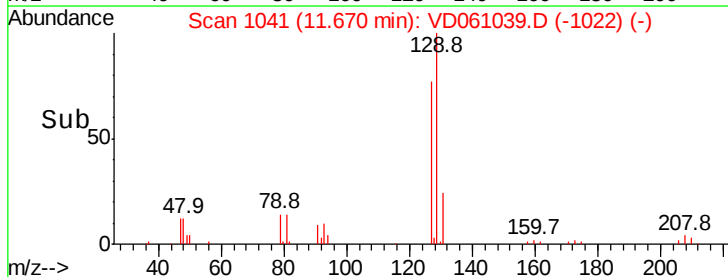
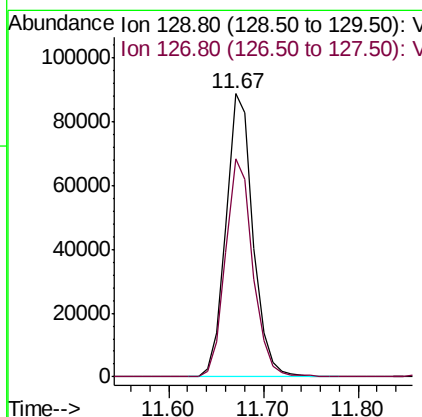
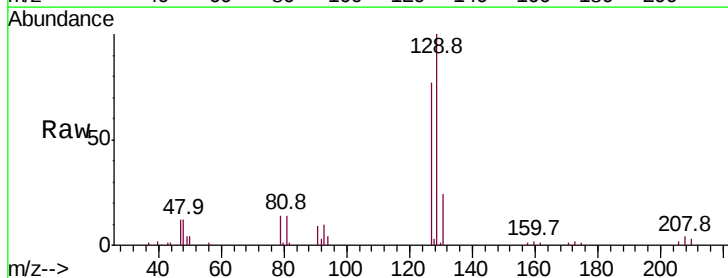
#59  
2-Hexanone  
Concen: 104.802 ug/l  
RT: 11.52 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

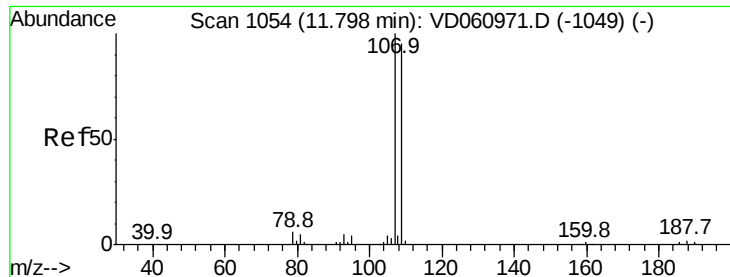
Tot Ion: 43 Resp: 331850  
Ion Ratio Lower Upper  
43 100  
58 53.5 26.5 79.5



#60  
Dibromochloromethane  
Concen: 21.249 ug/l  
RT: 11.67 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

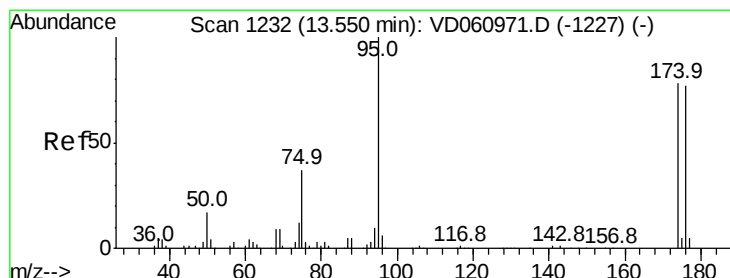
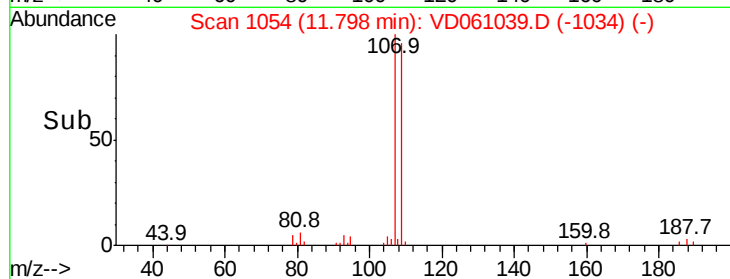
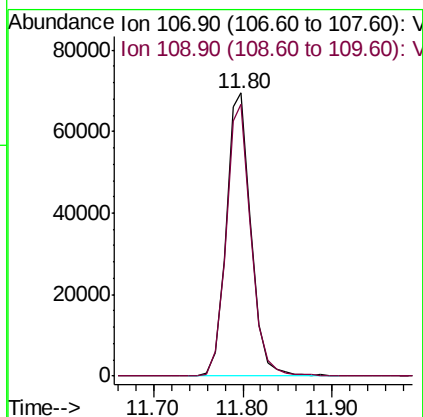
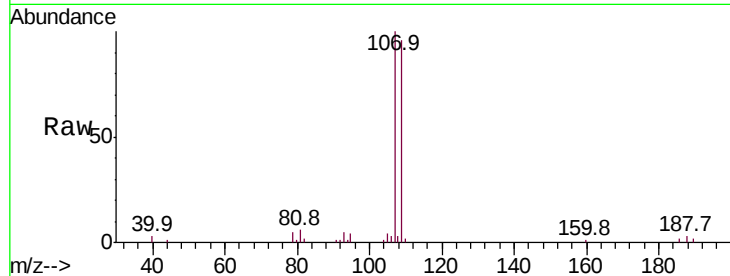
Tgt Ion: 129 Resp: 175919  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.3 114.9





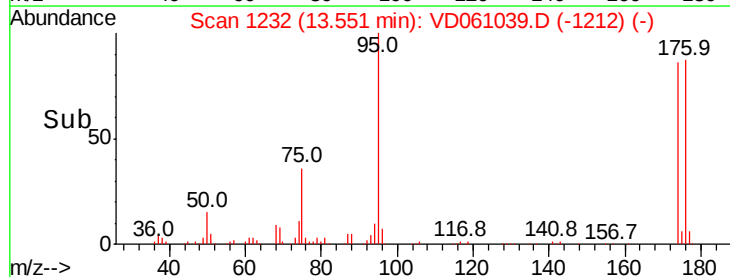
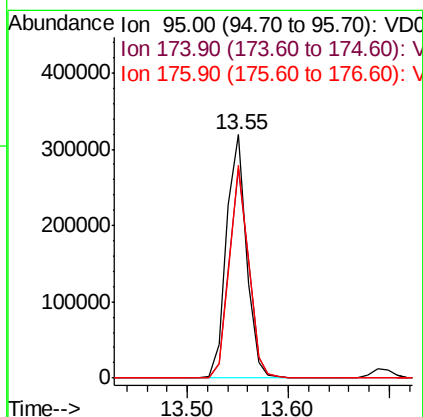
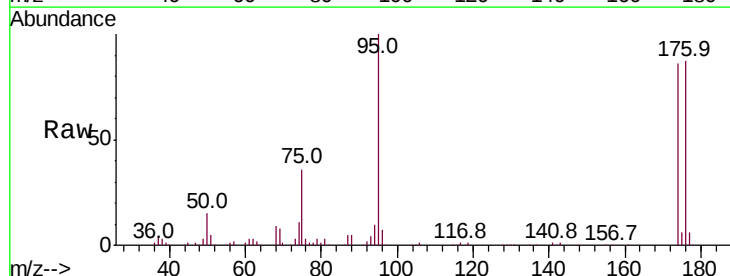
#61  
 1,2-Dibromoethane  
 Concen: 20.673 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. 0.00 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

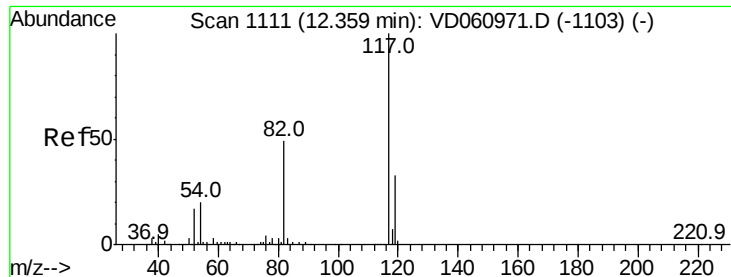
Tot Ion:107 Resp: 135284  
 Ion Ratio Lower Upper  
 107 100  
 109 96.1 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 20.673 ug/l  
 RT: 13.55 min Scan# 1232  
 Delta R.T. 0.00 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

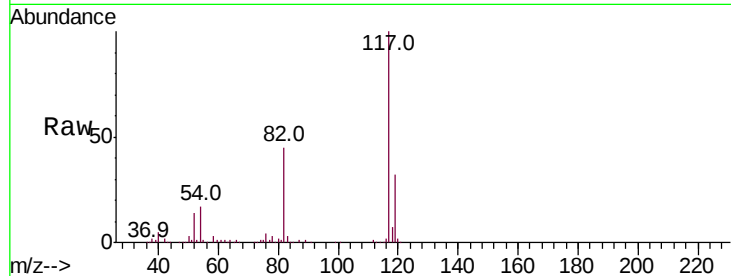
Tgt Ion: 95 Resp: 440653  
 Ion Ratio Lower Upper  
 95 100  
 174 86.1 0.0 155.6  
 176 87.3 0.0 153.8



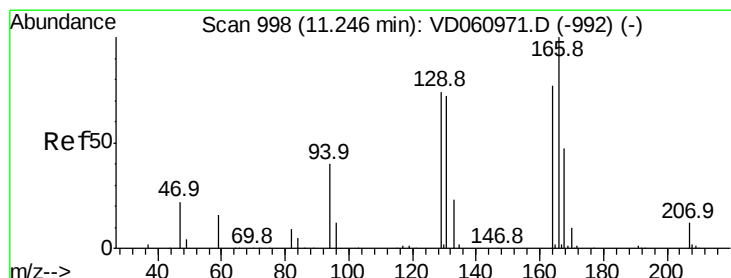
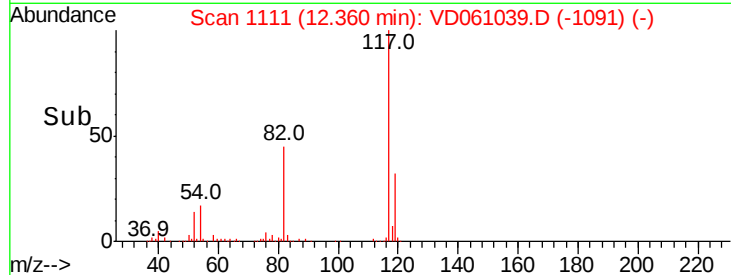
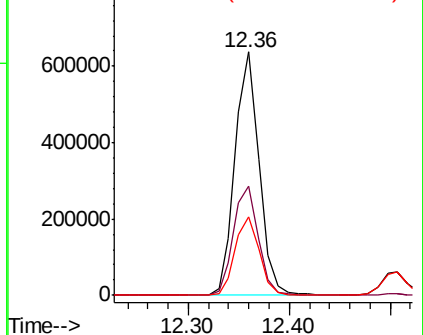


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. 0.00 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

Tot Ion:117 Resp: 1060017  
Ion Ratio Lower Upper  
117 100  
82 44.8 38.9 58.3  
119 32.5 26.6 39.8

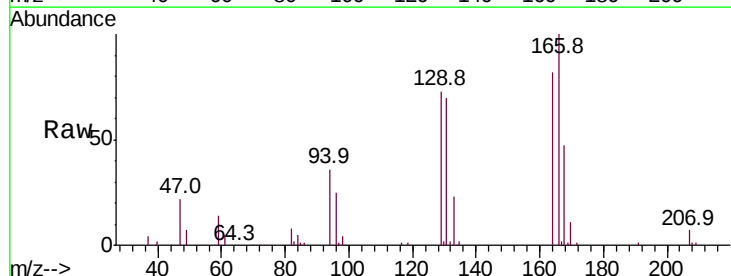


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

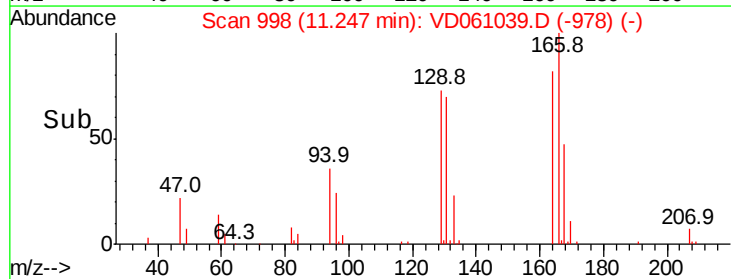
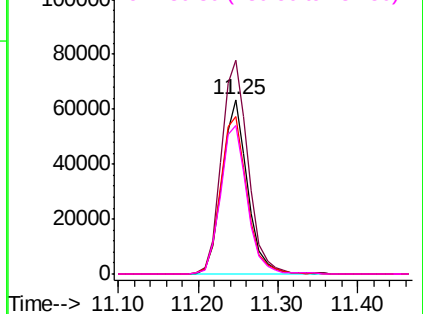


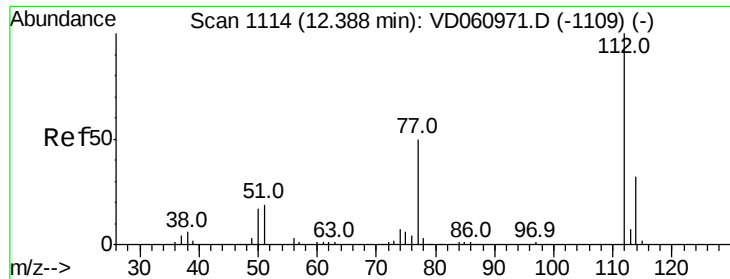
#64  
Tetrachloroethene  
Concen: 19.957 ug/l  
RT: 11.25 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

Tgt Ion:164 Resp: 142801  
Ion Ratio Lower Upper  
164 100  
166 122.6 103.4 155.0  
129 90.0 76.9 115.3  
131 85.5 74.4 111.6



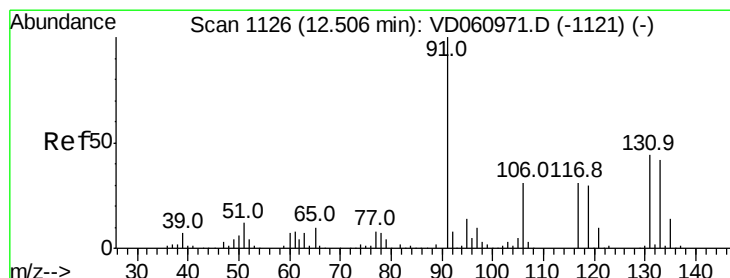
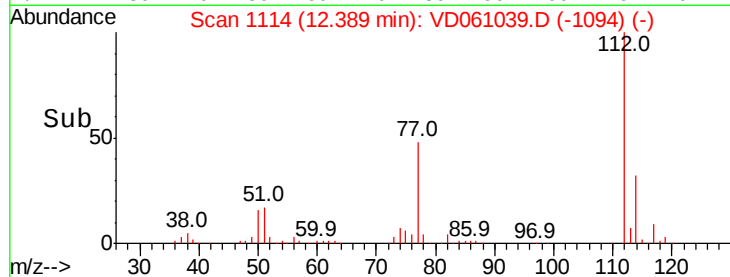
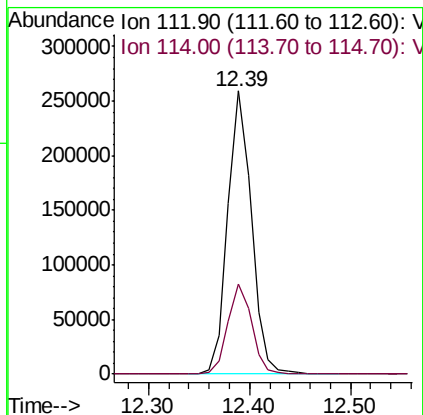
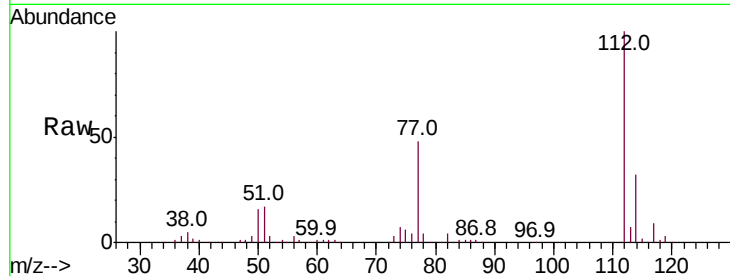
Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.85 (165.55 to 166.55): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





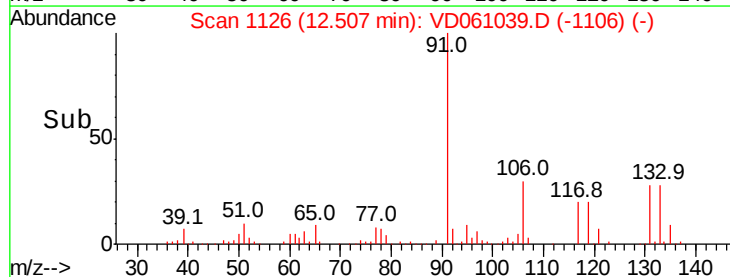
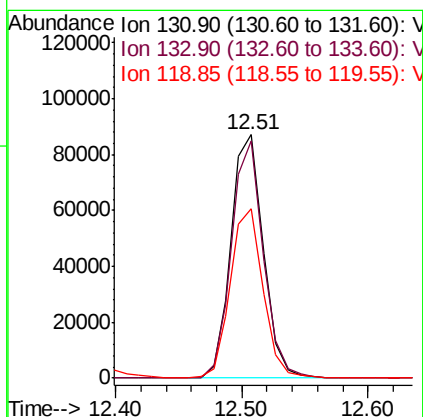
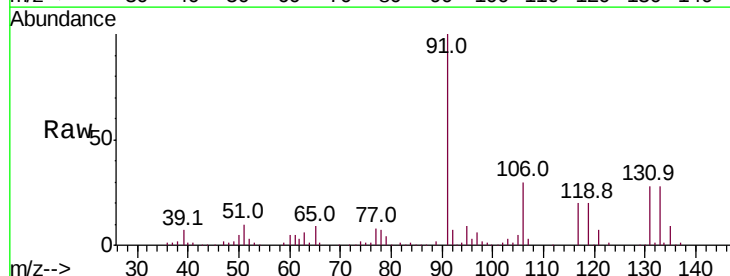
#65  
Chlorobenzene  
Concen: 20.346 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. 0.00 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

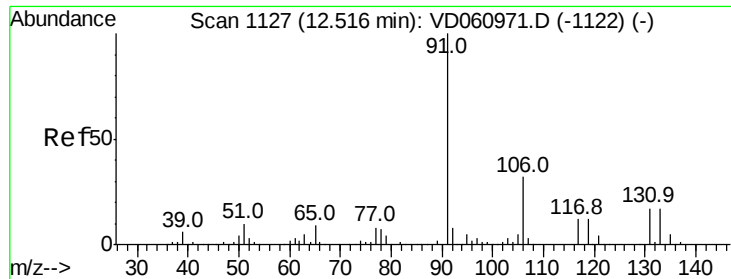
Tot Ion:112 Resp: 422800  
Ion Ratio Lower Upper  
112 100  
114 32.0 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.771 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. 0.00 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

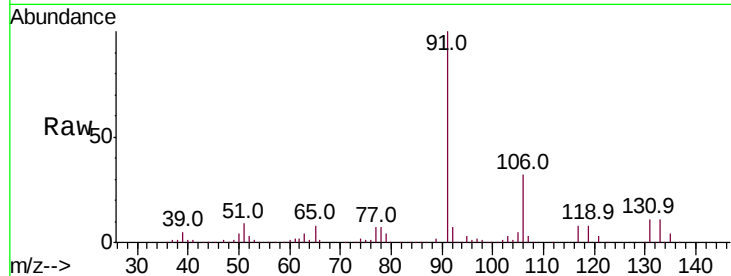
Tgt Ion:131 Resp: 153856  
Ion Ratio Lower Upper  
131 100  
133 97.4 47.8 143.3  
119 69.8 34.3 102.9



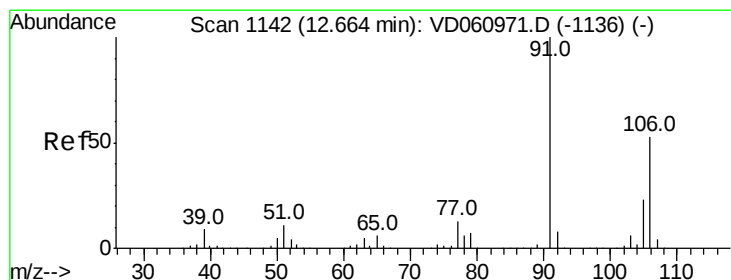
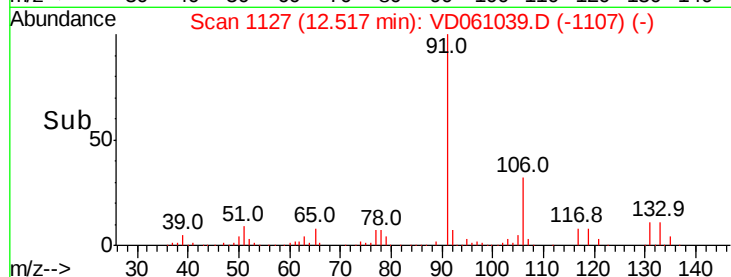
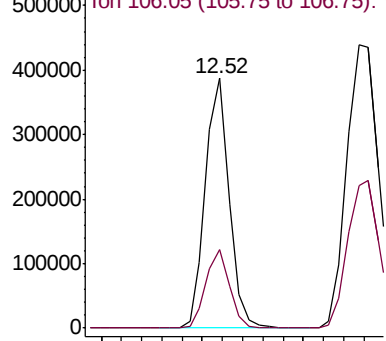


#67  
Ethyl Benzene  
Concen: 20.481 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.00 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

Tot Ion: 91 Resp: 633620  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.7 38.5

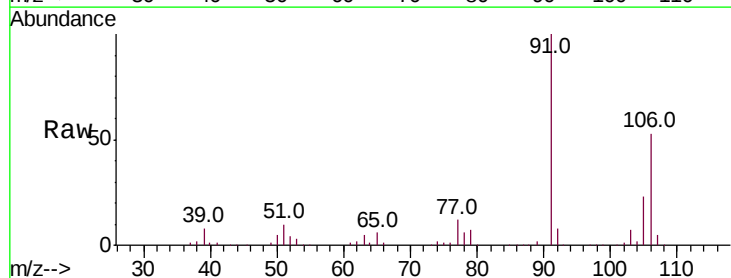


Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 106.05 (105.75 to 106.75): V

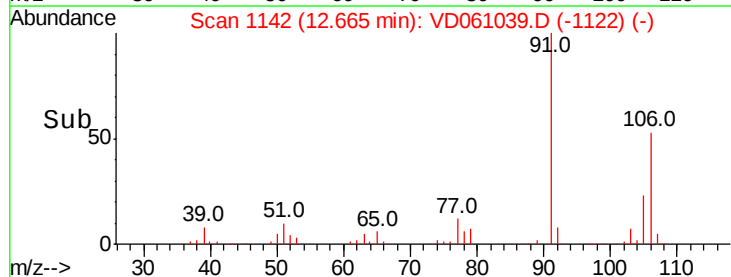
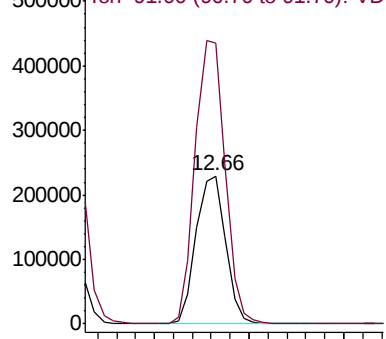


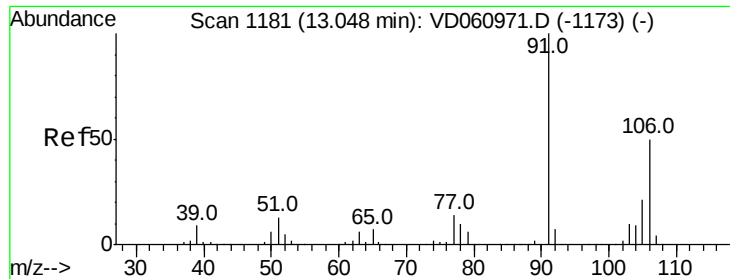
#68  
m/p-Xylenes  
Concen: 40.875 ug/l  
RT: 12.66 min Scan# 1142  
Delta R.T. 0.00 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

Tgt Ion: 106 Resp: 496339  
Ion Ratio Lower Upper  
106 100  
91 189.4 152.0 228.0



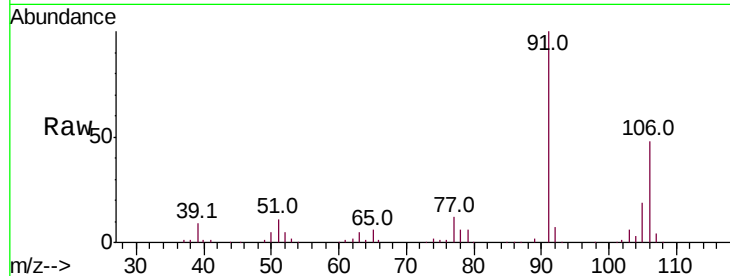
Abundance Ion 106.05 (105.75 to 106.75): VDC  
Ion 91.00 (90.70 to 91.70): VDC



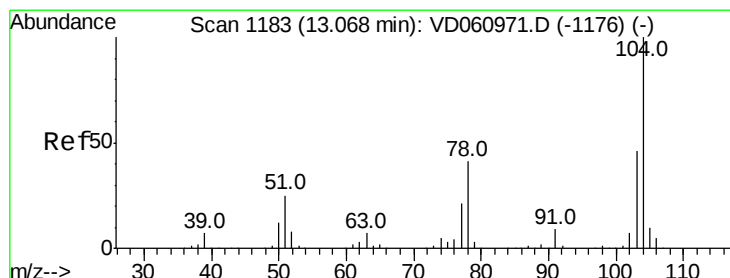
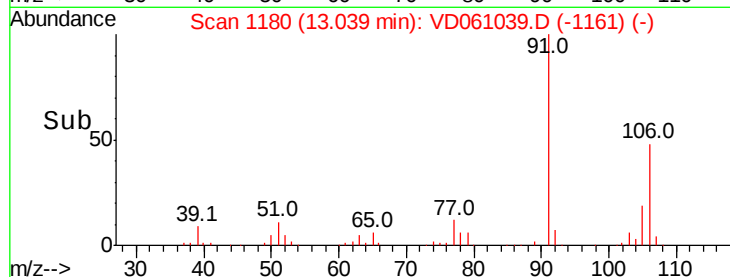
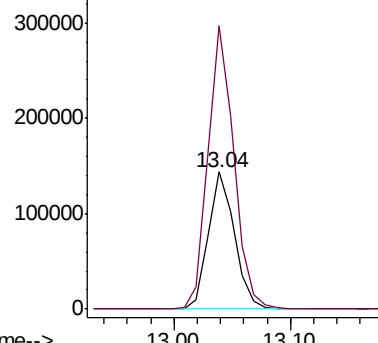


#69  
o-Xylene  
Concen: 18.655 ug/l  
RT: 13.04 min Scan# 1180  
Delta R.T. -0.01 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

Tot Ion:106 Resp: 222669  
Ion Ratio Lower Upper  
106 100  
91 206.6 99.8 299.3

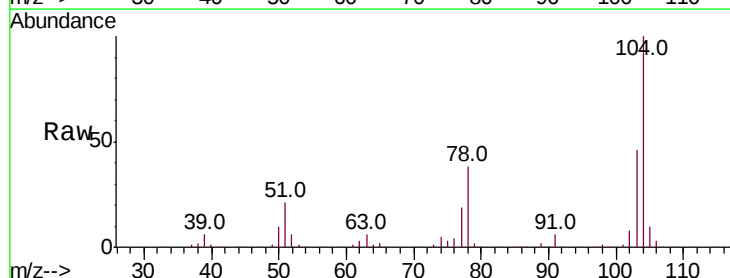


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

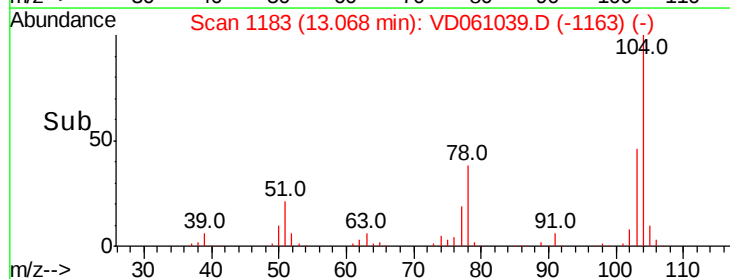
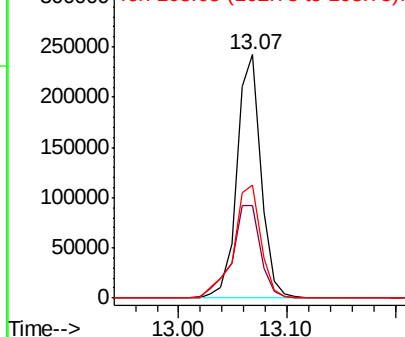


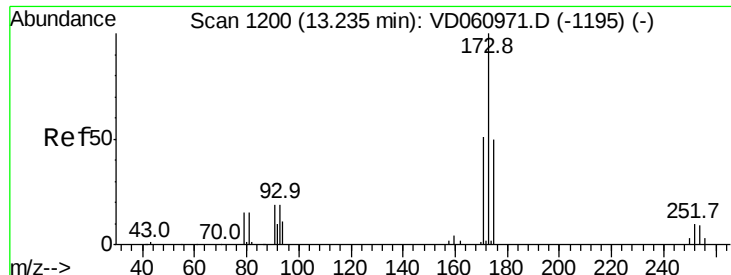
#70  
Styrene  
Concen: 19.159 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. 0.00 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

Tgt Ion:104 Resp: 373419  
Ion Ratio Lower Upper  
104 100  
78 38.1 33.0 49.4  
103 46.4 37.1 55.7



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





#71

Bromoform

Concen: 19.699 ug/l

RT: 13.23 min Scan# 1199

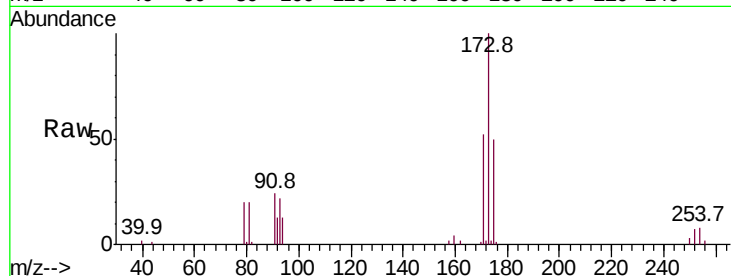
Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

Tot Ion:173 Resp: 94133

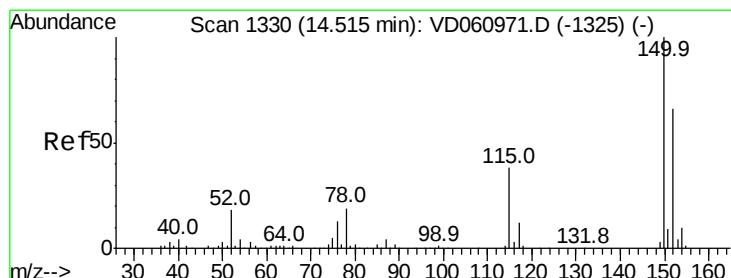
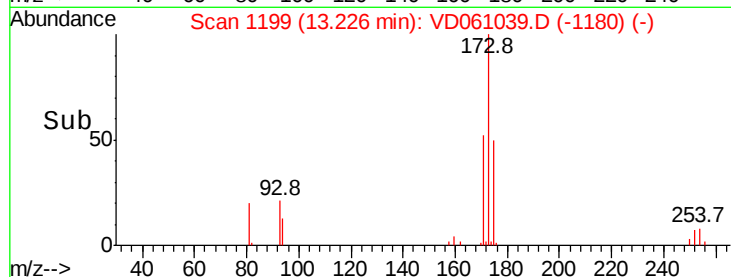
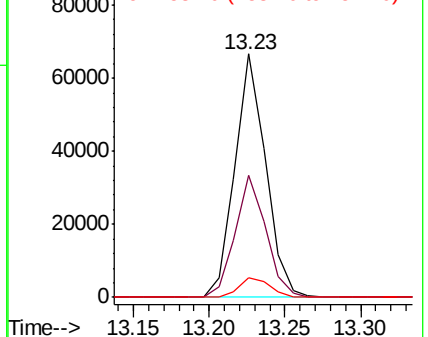
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 50.4  | 24.9  | 74.8  |
| 254 | 8.0   | 7.3   | 10.9  |



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: 14.52 min Scan# 1330

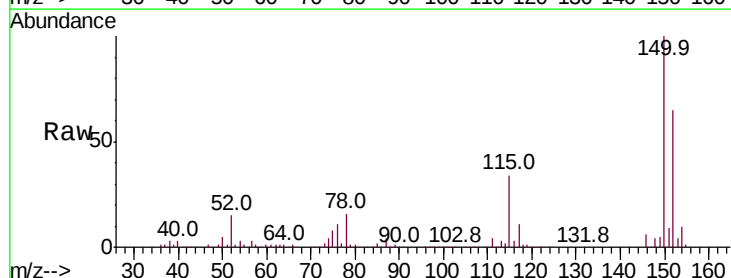
Delta R.T. 0.00 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

Tgt Ion:152 Resp: 464524

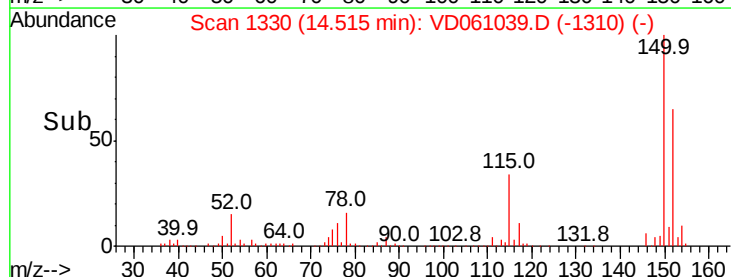
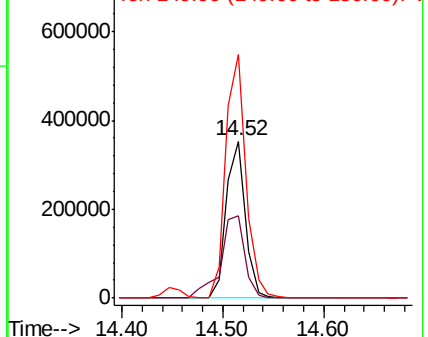
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 52.7  | 28.6  | 85.9  |
| 150 | 155.0 | 0.0   | 310.6 |

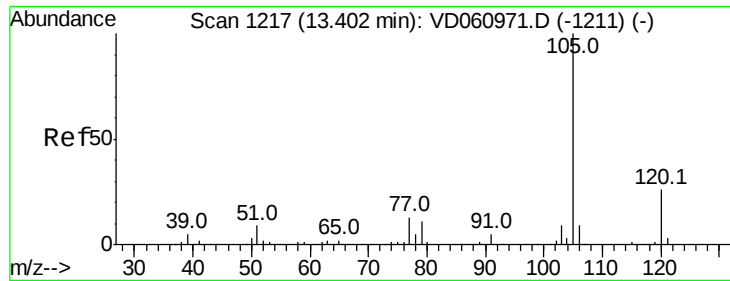


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.371 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD061039.D

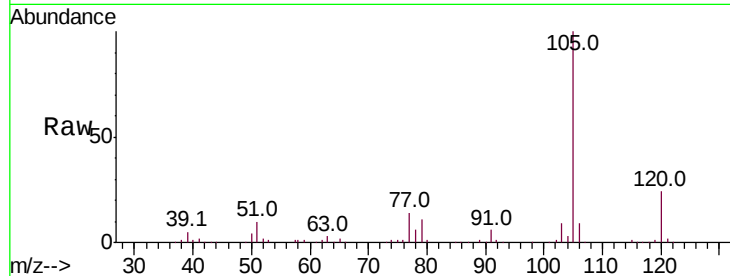
Acq: 13 Mar 2019 13:50

Tot Ion: 105 Resp: 581536

Ion Ratio Lower Upper

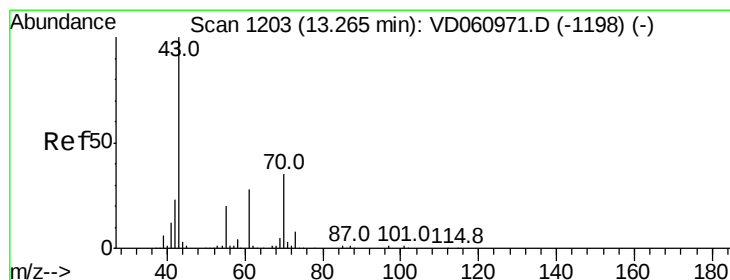
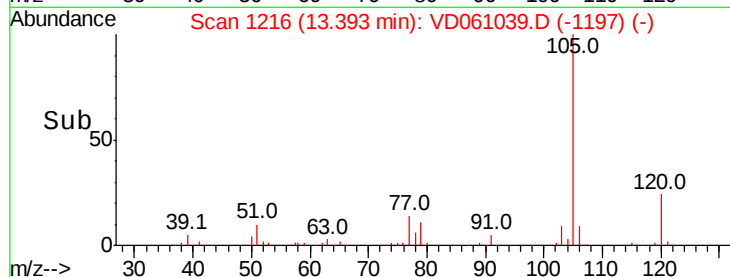
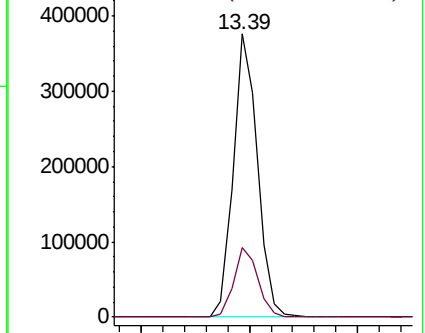
105 100

120 24.4 12.8 38.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 19.078 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

Tgt Ion: 43 Resp: 179833

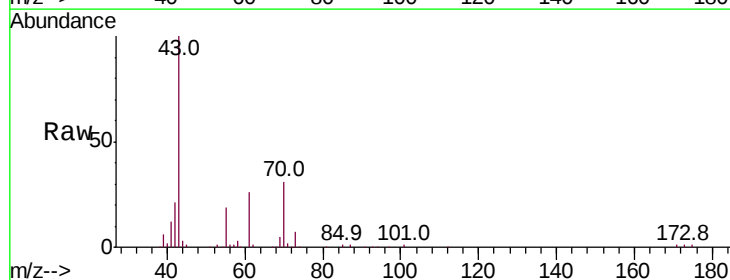
Ion Ratio Lower Upper

43 100

70 31.3 27.7 41.5

55 19.1 16.2 24.2

61 26.4 22.3 33.5

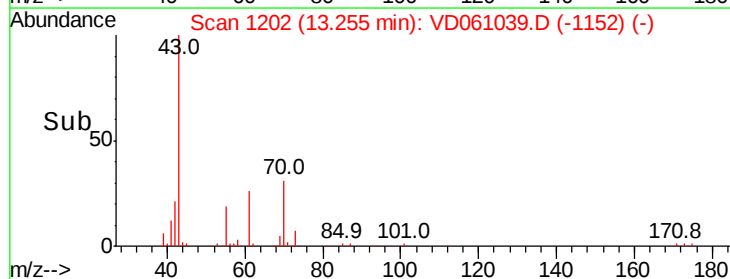
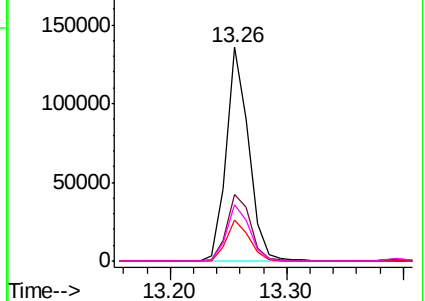


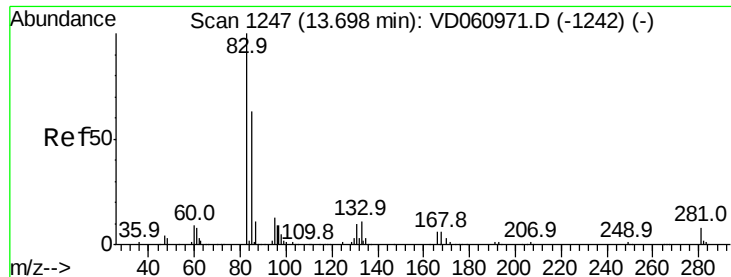
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.182 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

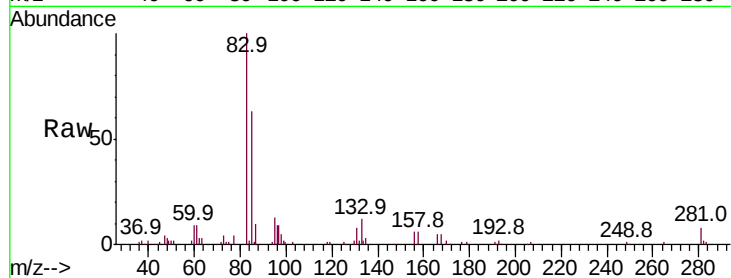
Tot Ion: 83 Resp: 131821

Ion Ratio Lower Upper

83 100

131 7.9 5.1 15.3

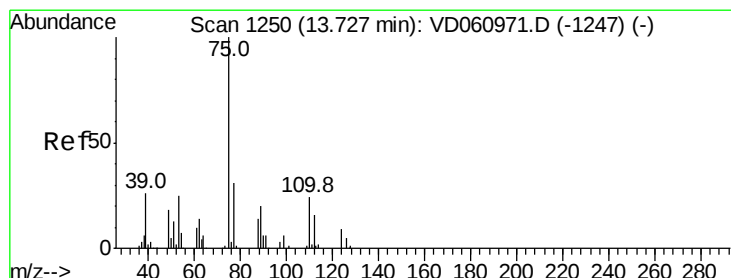
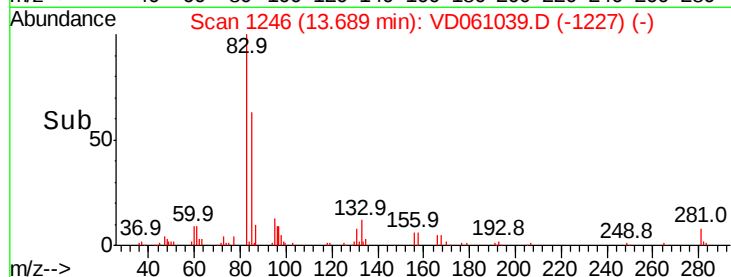
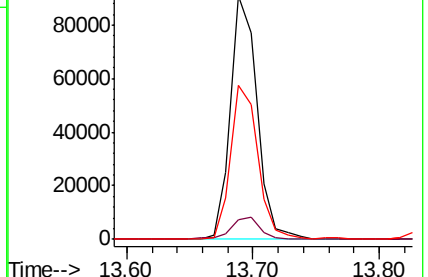
85 63.3 31.5 94.5



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: 19.327 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VD061039.D

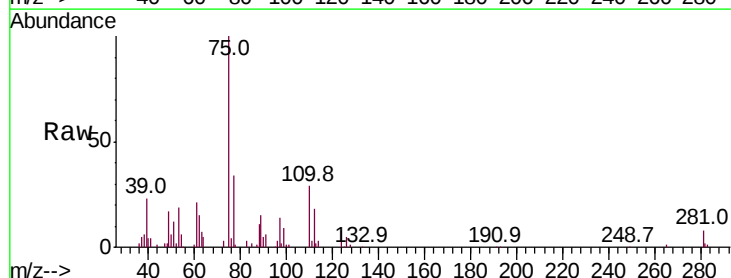
Acq: 13 Mar 2019 13:50

Tgt Ion: 75 Resp: 129162

Ion Ratio Lower Upper

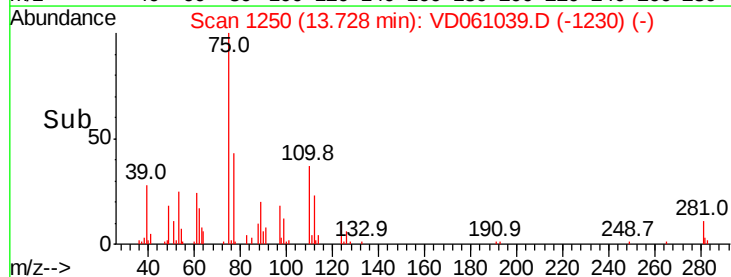
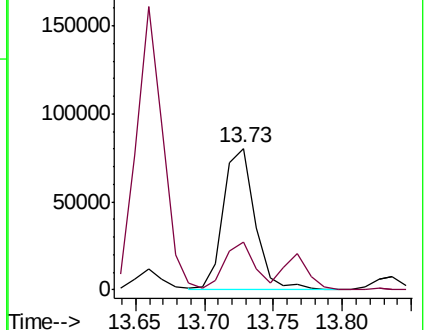
75 100

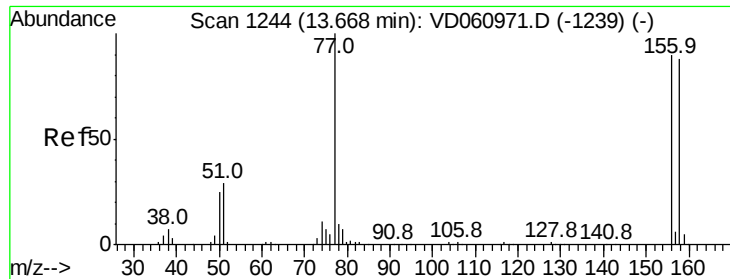
77 33.8 16.6 49.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 20.152 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

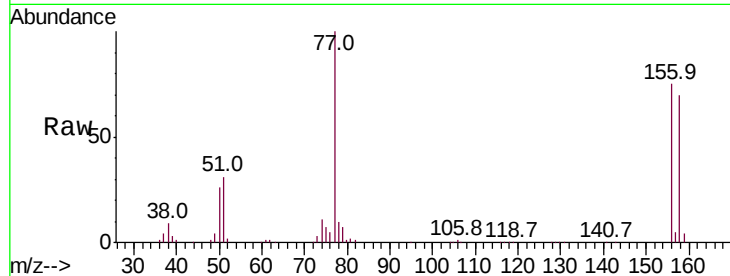
Tot Ion:156 Resp: 172213

Ion Ratio Lower Upper

156 100

77 134.2 55.5 166.7

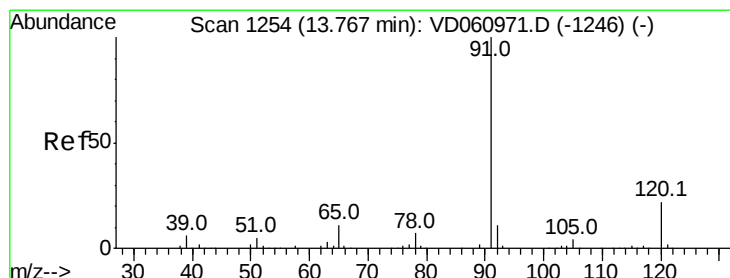
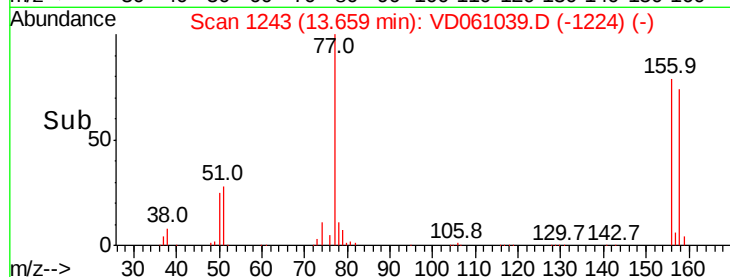
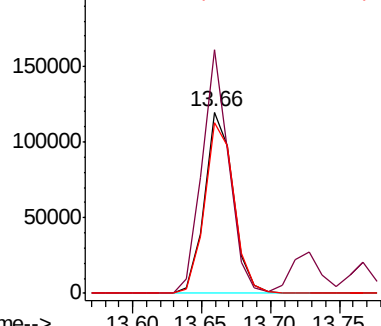
158 93.8 49.0 147.0



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: 19.385 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD061039.D

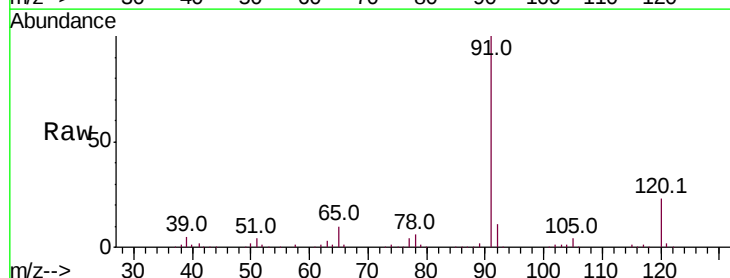
Acq: 13 Mar 2019 13:50

Tgt Ion: 91 Resp: 759732

Ion Ratio Lower Upper

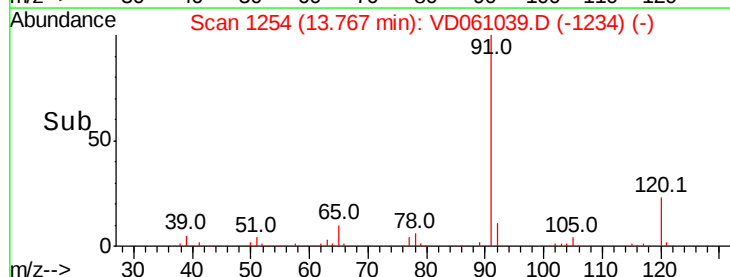
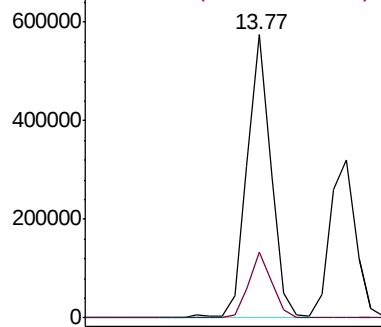
91 100

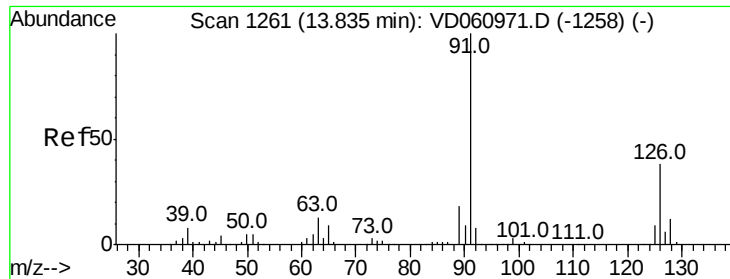
120 23.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 21.079 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VD061039.D

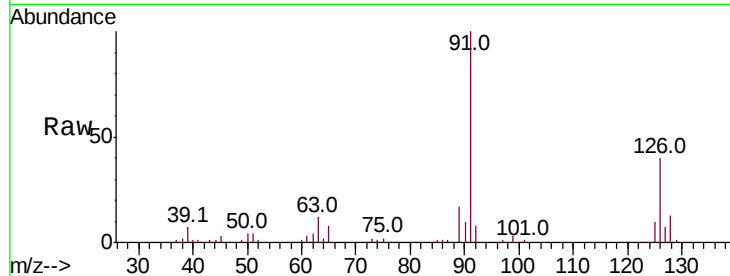
Acq: 13 Mar 2019 13:50

Tot Ion: 91 Resp: 454815

Ion Ratio Lower Upper

91 100

126 39.8 18.6 55.6



Abundance Ion 91.00 (90.70 to 91.70): VD060971.D (-1258) (-)

Ion 125.95 (125.65 to 126.65): VD060971.D (-1258) (-)

600000

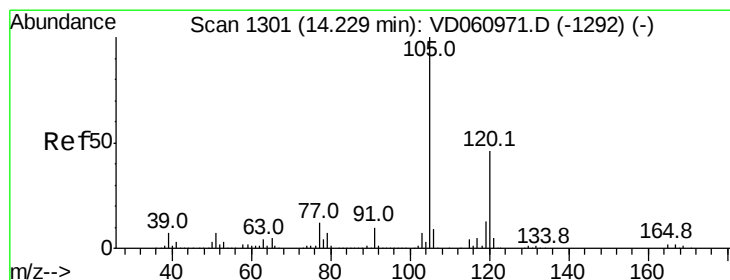
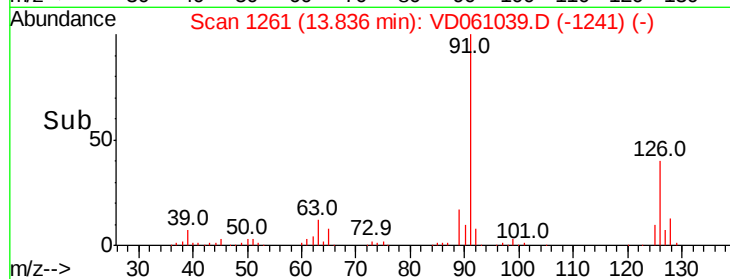
400000

200000

0

13.80 13.85 13.90

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.847 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VD061039.D

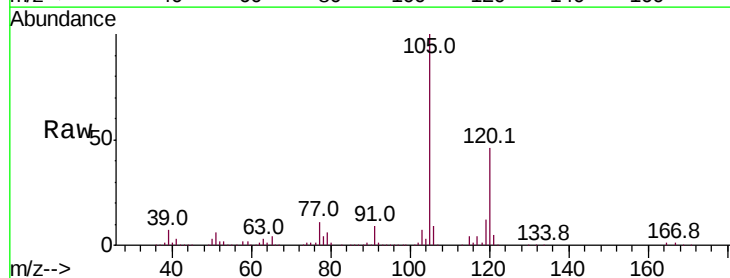
Acq: 13 Mar 2019 13:50

Tgt Ion:105 Resp: 555225

Ion Ratio Lower Upper

105 100

120 46.1 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): VD060971.D (-1292) (-)

Ion 120.05 (119.75 to 120.75): VD060971.D (-1292) (-)

600000

500000

400000

300000

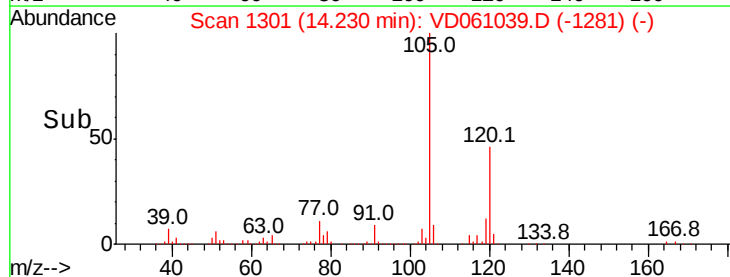
200000

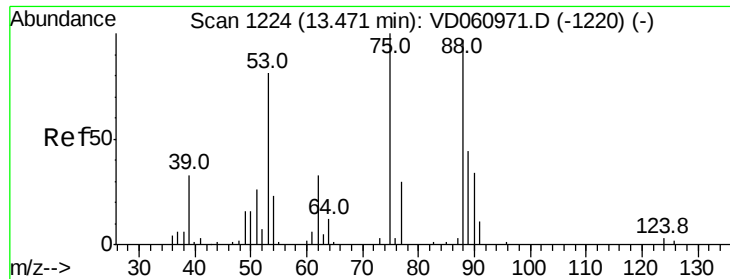
100000

0

14.10 14.20 14.30

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.751 ug/l

RT: 13.46 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

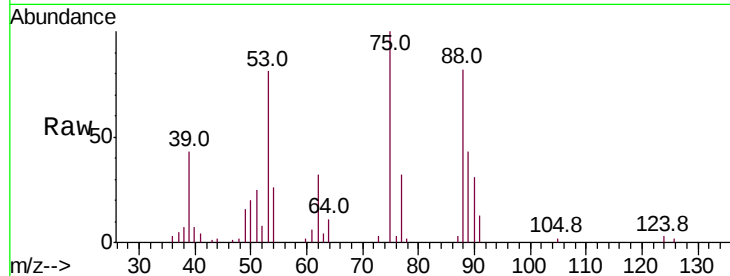
Tot Ion: 75 Resp: 40886

Ion Ratio Lower Upper

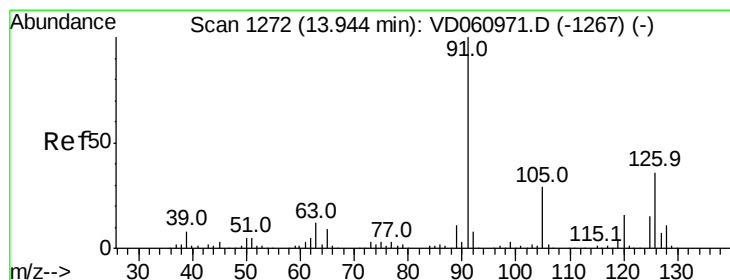
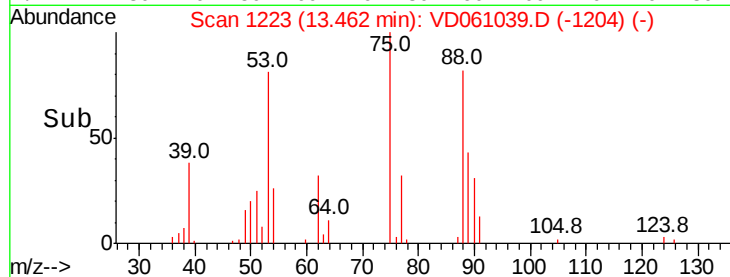
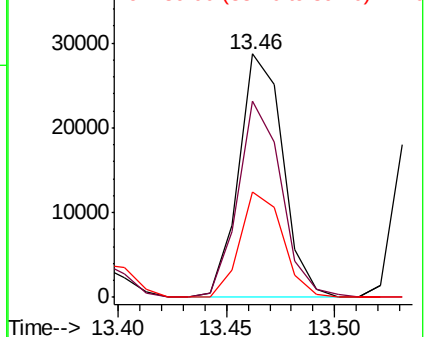
75 100

53 80.6 64.4 96.6

89 43.3 34.8 52.2



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 53.00 (52.70 to 53.70): VDC  
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 18.881 ug/l

RT: 13.93 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VD061039.D

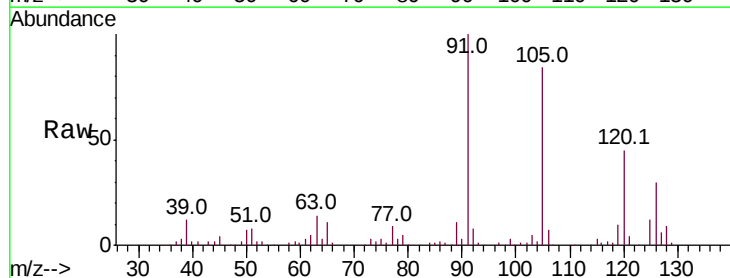
Acq: 13 Mar 2019 13:50

Tgt Ion: 91 Resp: 481605

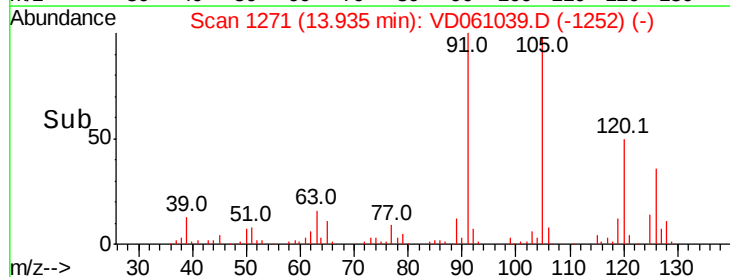
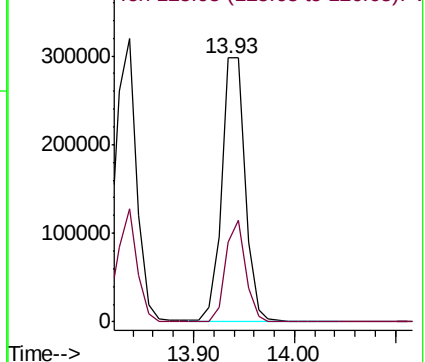
Ion Ratio Lower Upper

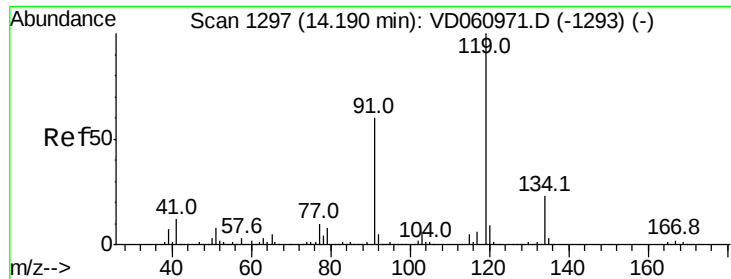
91 100

126 30.5 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 125.95 (125.65 to 126.65): V





#83

tert-Butylbenzene

Concen: 22.138 ug/l

RT: 14.18 min Scan# 1296

Delta R.T. -0.01 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

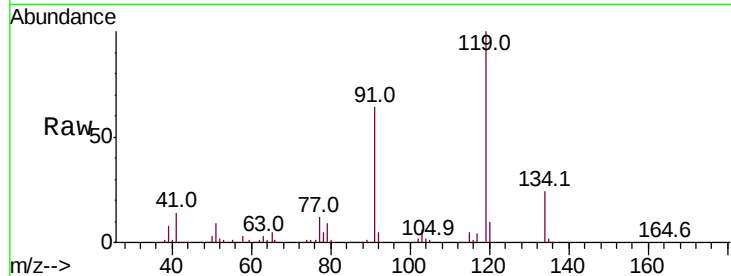
Tot Ion:119 Resp: 615745

Ion Ratio Lower Upper

119 100

91 64.3 30.1 90.3

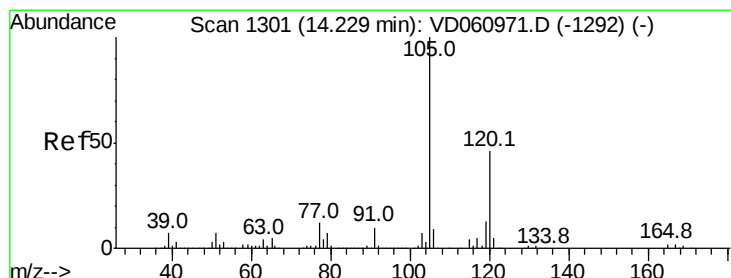
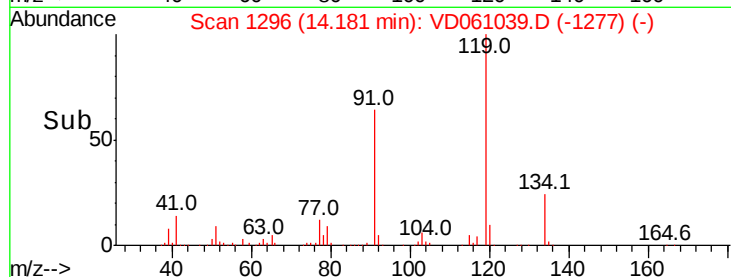
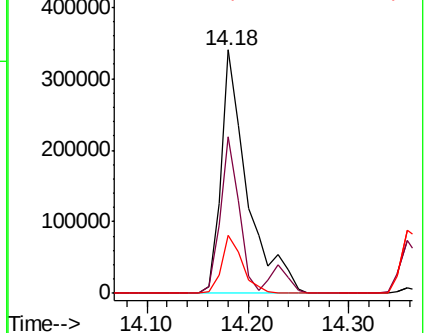
134 23.8 11.6 34.7



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: 21.847 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VD061039.D

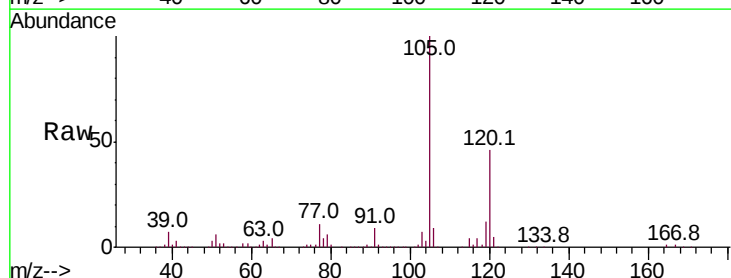
Acq: 13 Mar 2019 13:50

Tgt Ion:105 Resp: 555225

Ion Ratio Lower Upper

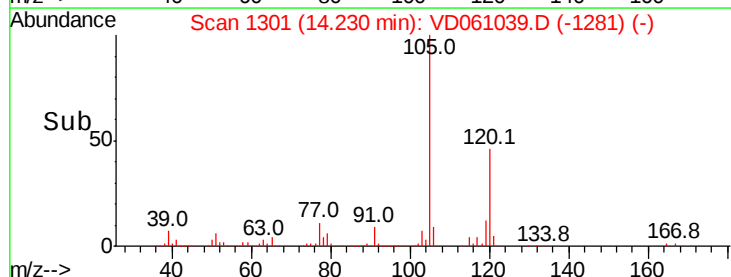
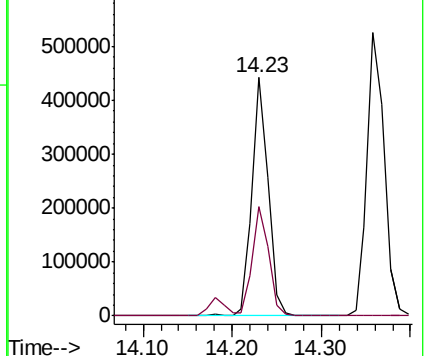
105 100

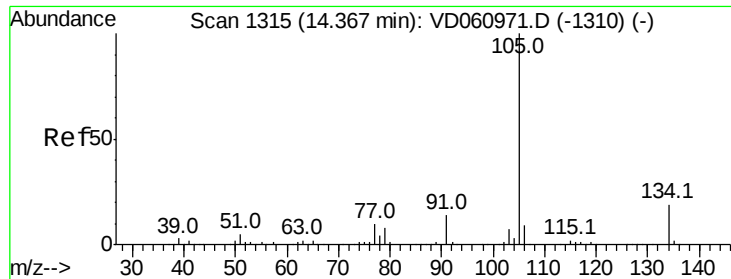
120 46.1 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 20.858 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VD061039.D

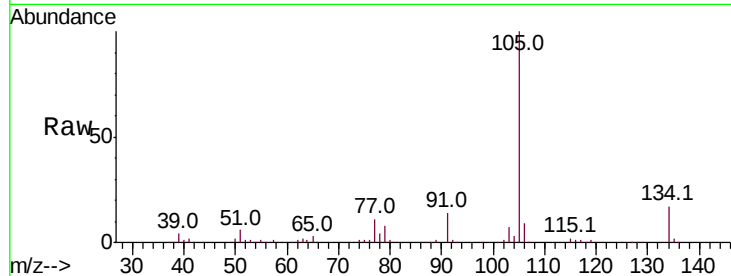
Acq: 13 Mar 2019 13:50

Tot Ion:105 Resp: 708215

Ion Ratio Lower Upper

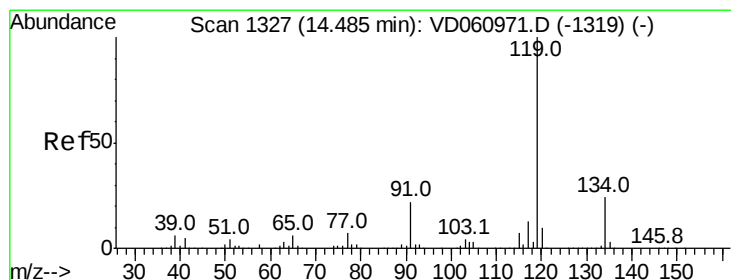
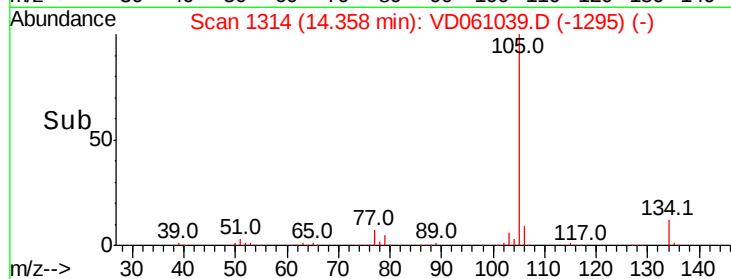
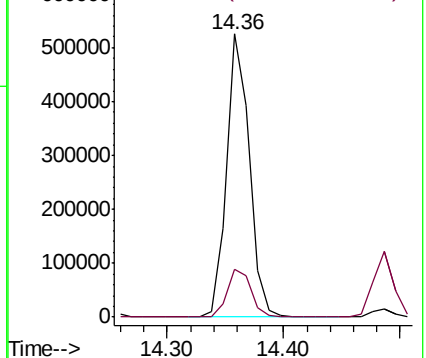
105 100

134 16.8 9.4 28.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 22.163 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. 0.00 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

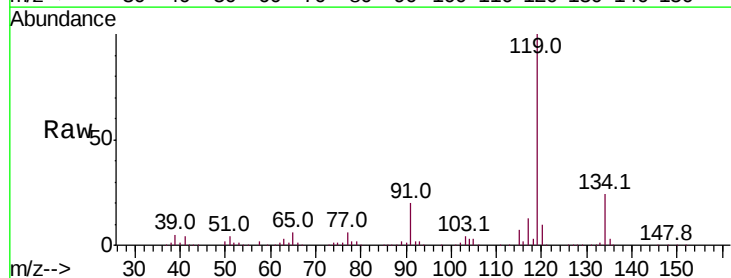
Tgt Ion:119 Resp: 615124

Ion Ratio Lower Upper

119 100

134 24.2 12.0 36.1

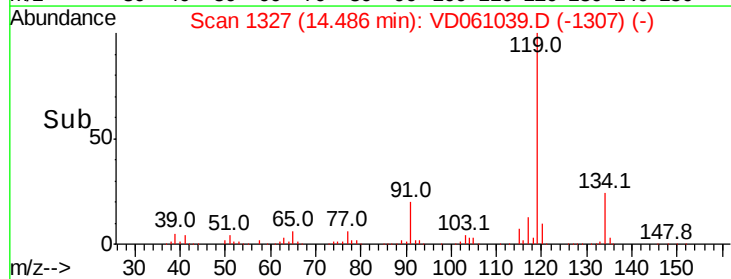
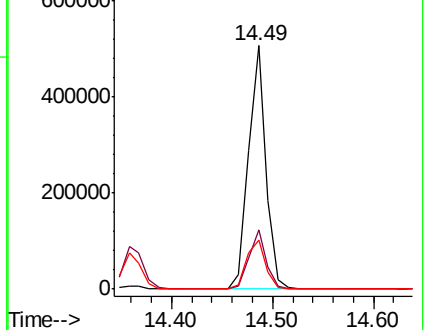
91 20.2 11.2 33.6

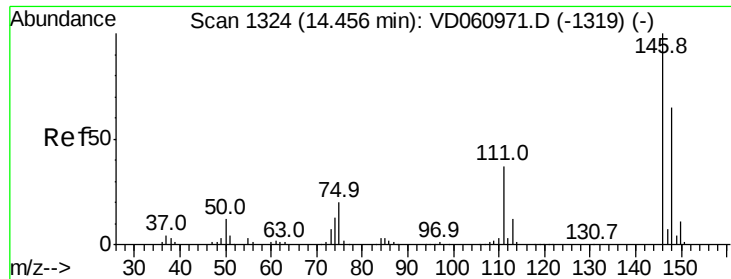


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

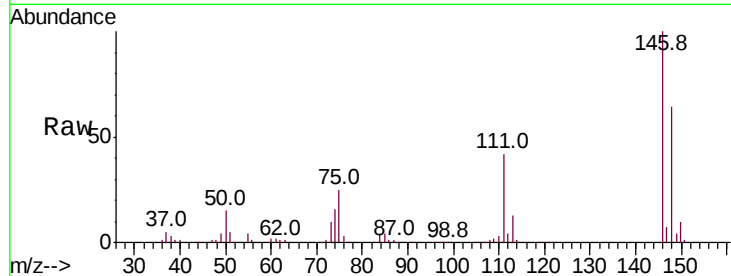
Ion 91.00 (90.70 to 91.70): V



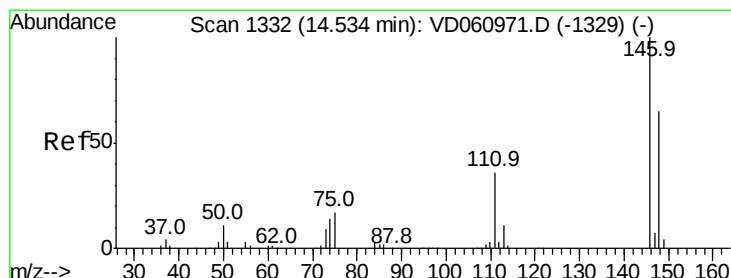
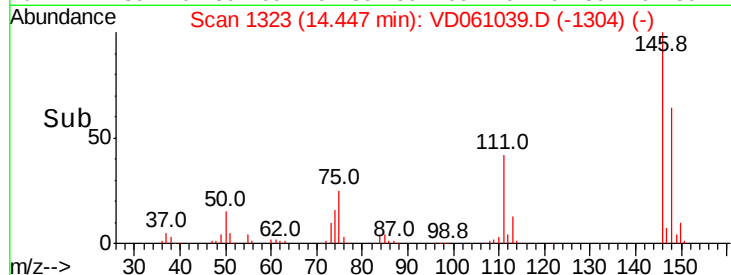
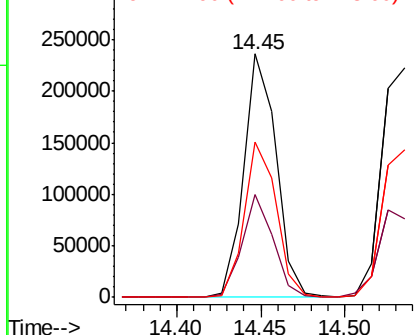


#87  
 1,3-Dichlorobenzene  
 Concen: 20.698 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. -0.01 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

Tot Ion:146 Resp: 315846  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 18.4 55.4  
 148 63.6 32.5 97.4

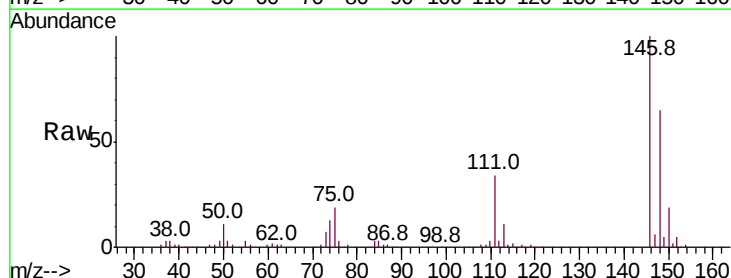


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

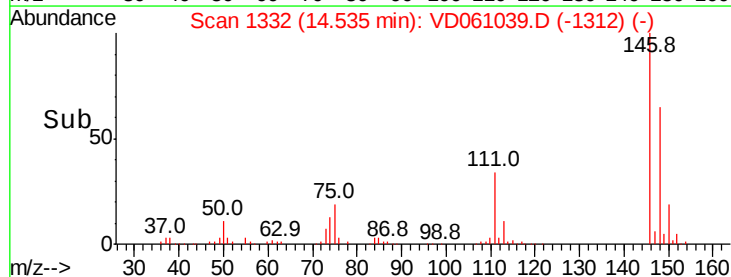
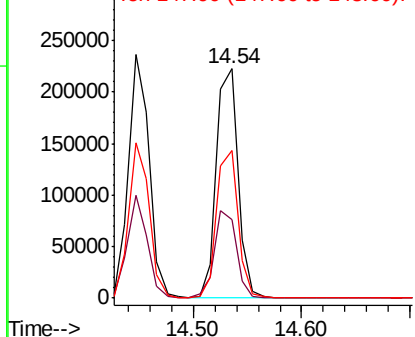


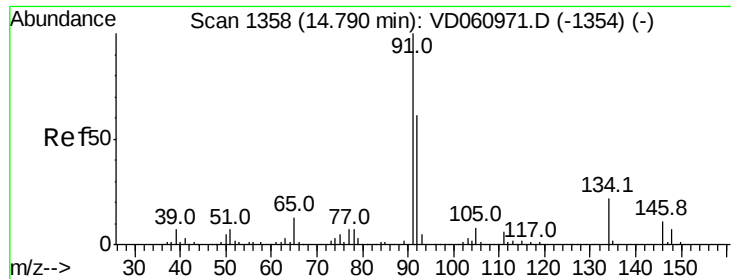
#88  
 1,4-Dichlorobenzene  
 Concen: 20.786 ug/l  
 RT: 14.54 min Scan# 1332  
 Delta R.T. 0.00 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

Tgt Ion:146 Resp: 311689  
 Ion Ratio Lower Upper  
 146 100  
 111 34.4 18.4 55.2  
 148 64.6 32.5 97.5



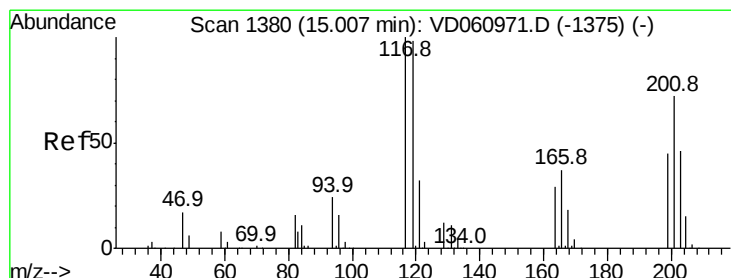
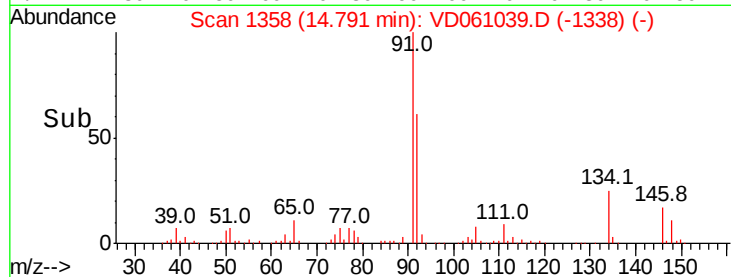
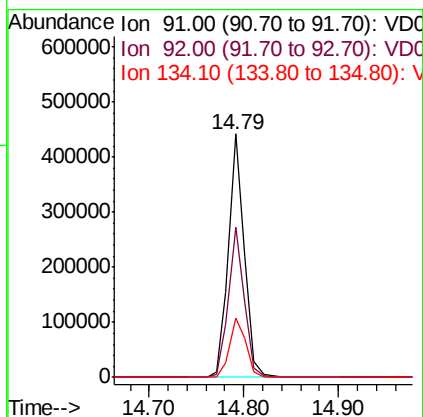
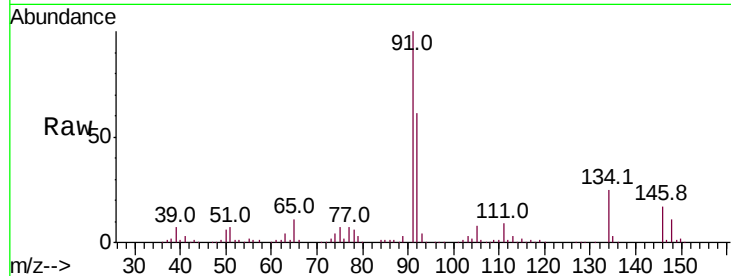
Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V





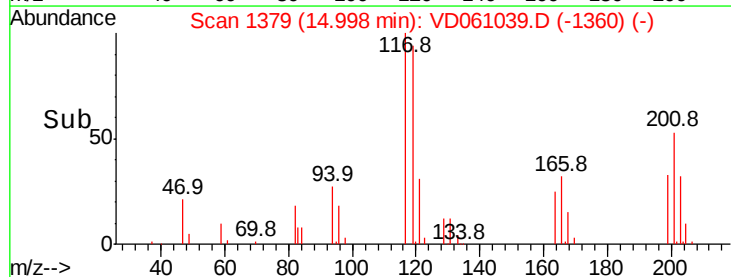
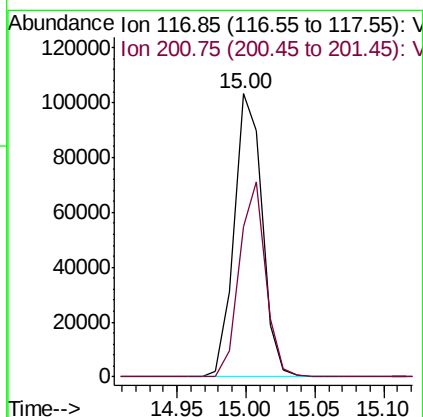
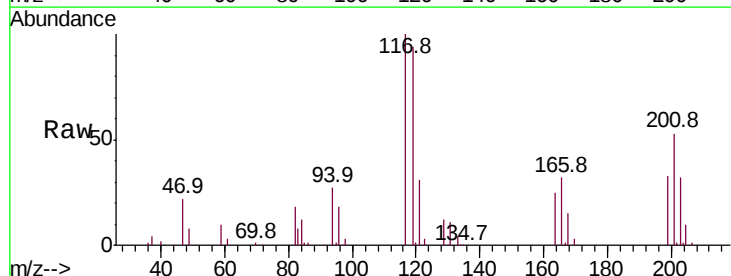
#89  
n-Butylbenzene  
Concen: 19.149 ug/l  
RT: 14.79 min Scan# 1358  
Delta R.T. 0.00 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

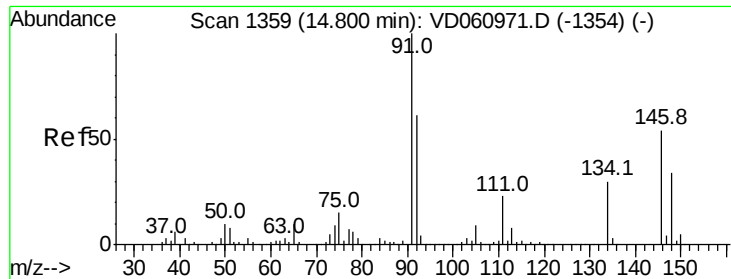
Tot Ion: 91 Resp: 510374  
Ion Ratio Lower Upper  
91 100  
92 61.4 30.6 91.8  
134 24.6 11.0 33.0



#90  
Hexachloroethane  
Concen: 18.739 ug/l  
RT: 15.00 min Scan# 1379  
Delta R.T. -0.01 min  
Lab File: VD061039.D  
Acq: 13 Mar 2019 13:50

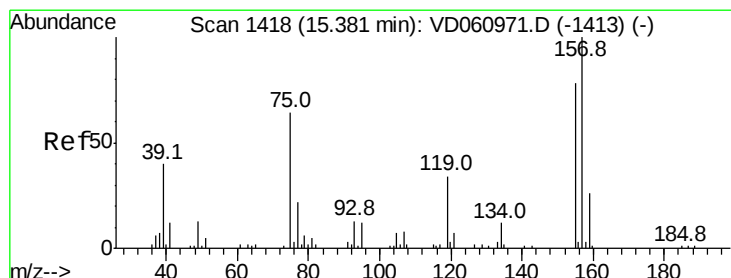
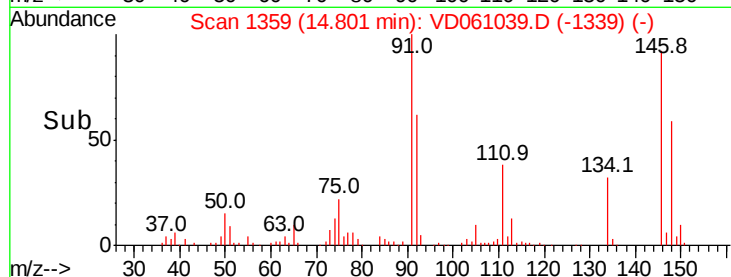
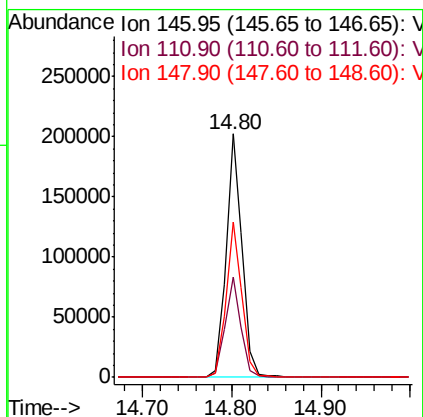
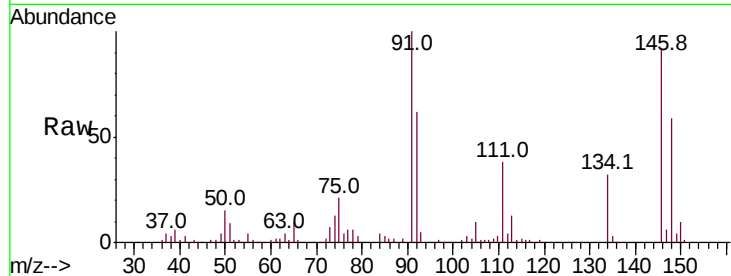
Tgt Ion: 117 Resp: 146861  
Ion Ratio Lower Upper  
117 100  
201 53.3 36.2 108.6





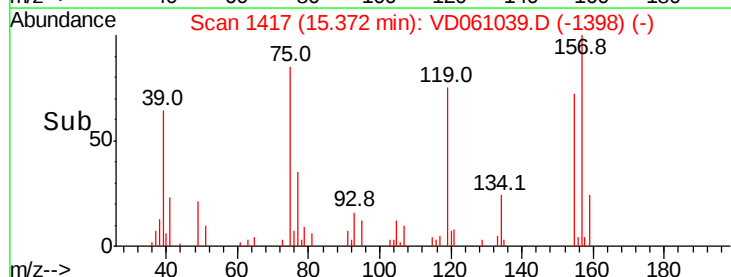
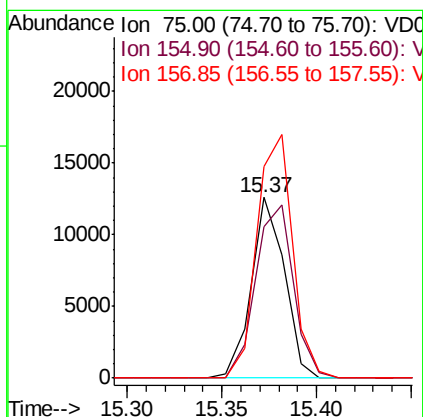
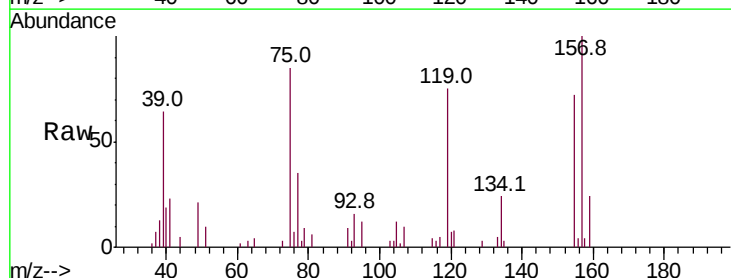
#91  
 1,2-Dichlorobenzene  
 Concen: 20.205 ug/l  
 RT: 14.80 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

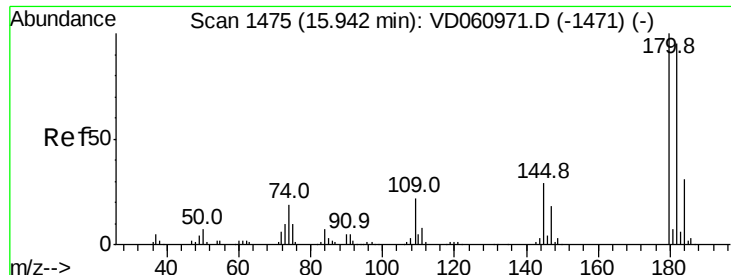
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.2  | 21.5  | 64.5  |
| 148     | 63.9  | 30.9  | 92.8  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.467 ug/l  
 RT: 15.37 min Scan# 1417  
 Delta R.T. -0.01 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

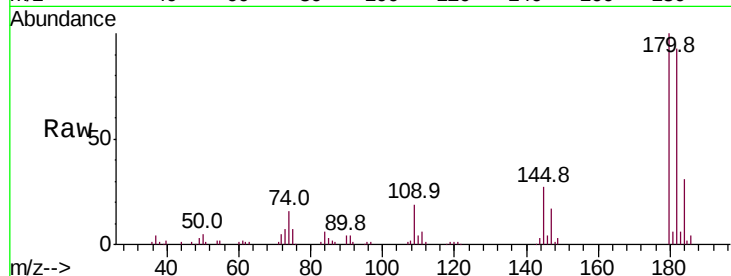
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 84.0  | 61.2  | 183.5 |
| 157     | 117.3 | 78.3  | 234.8 |



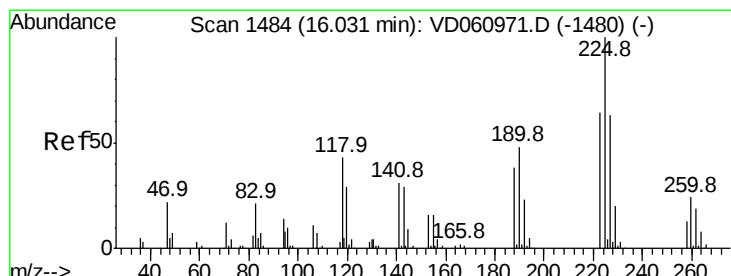
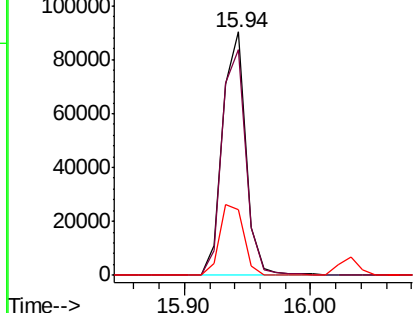
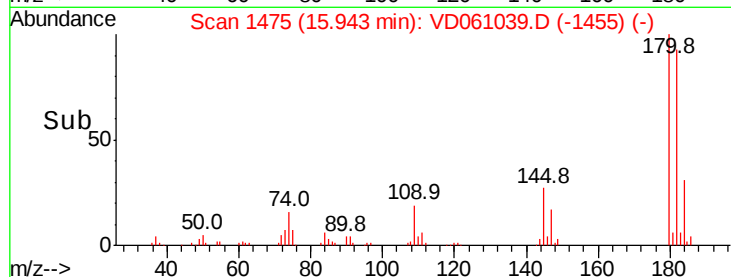


#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.513 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. 0.00 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

Tot Ion:180 Resp: 115152  
 Ion Ratio Lower Upper  
 180 100  
 182 92.5 47.3 142.0  
 145 26.8 14.4 43.0

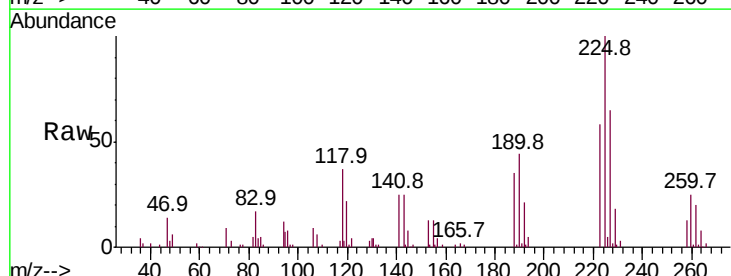


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

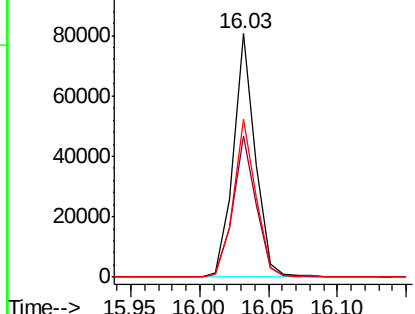
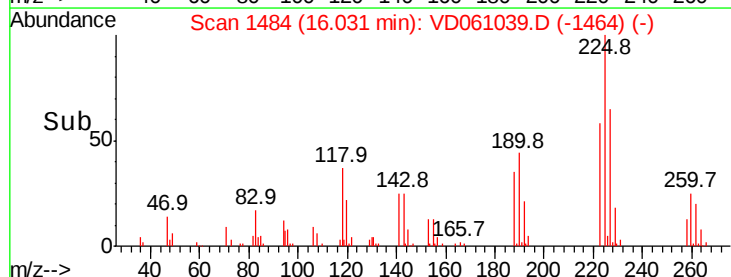


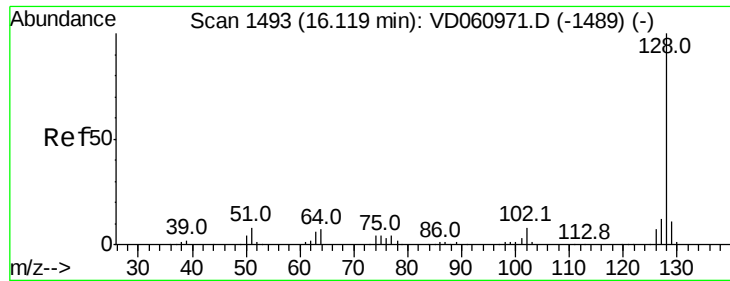
#94  
 Hexachlorobutadiene  
 Concen: 20.012 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. 0.00 min  
 Lab File: VD061039.D  
 Acq: 13 Mar 2019 13:50

Tgt Ion:225 Resp: 89330  
 Ion Ratio Lower Upper  
 225 100  
 223 58.2 31.8 95.3  
 227 64.8 31.4 94.0



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: 21.070 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

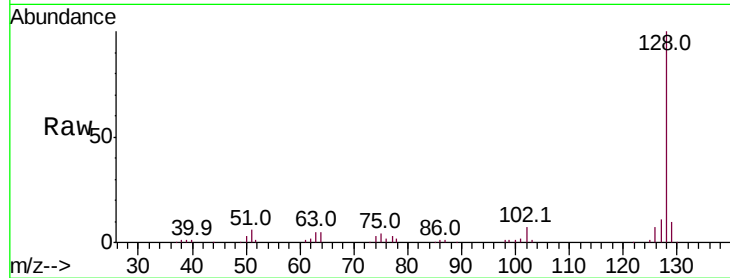
Tot Ion:128 Resp: 188959

Ion Ratio Lower Upper

128 100

127 11.3 9.8 14.8

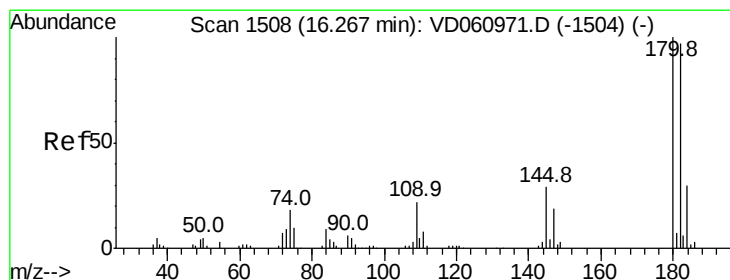
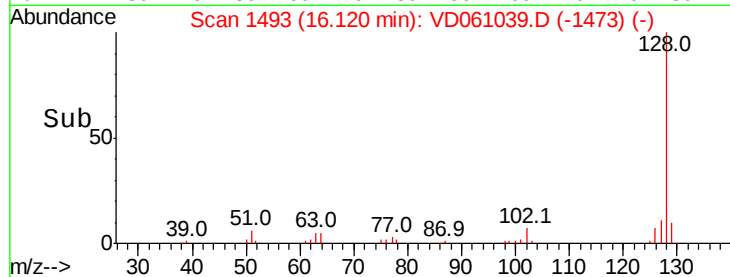
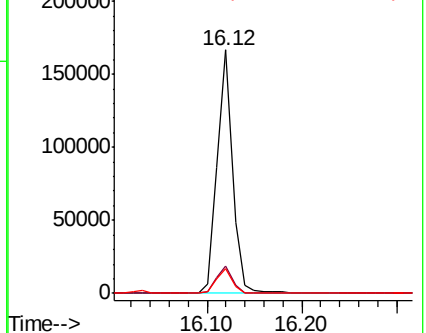
129 10.4 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.773 ug/l

RT: 16.27 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VD061039.D

Acq: 13 Mar 2019 13:50

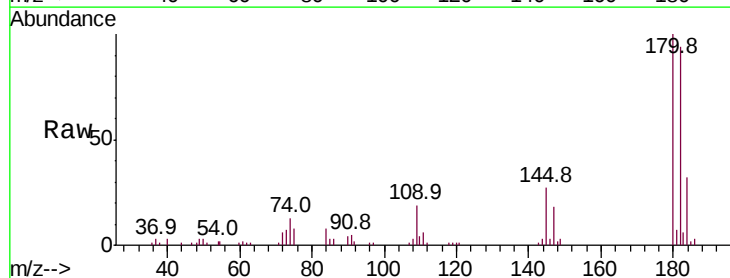
Tgt Ion:180 Resp: 60547

Ion Ratio Lower Upper

180 100

182 94.2 48.6 145.8

145 27.3 14.3 42.9



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

