

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\  
 Data File : VD061223.D  
 Acq On : 20 Mar 2019 23:34  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 22 02:04:11 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  | 570842   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.20  | 114  | 998103   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 803856   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152  | 316095   | 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   | 234146   | 49.28 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.56%  |          |
| 35) Dibromofluoromethane    | 6.91  | 113  | 391356   | 52.83 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.66% |          |
| 50) Toluene-d8              | 10.40 | 98   | 882385   | 47.44 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.88%  |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 358105   | 49.62 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.24%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85   | 241143   | 42.646  | ug/l  | 100    |
| 3) Chloromethane              | 1.75 | 50   | 212374   | 45.086  | ug/l  | 97     |
| 4) Vinyl Chloride             | 1.84 | 62   | 196362   | 45.114  | ug/l  | 95     |
| 5) Bromomethane               | 2.15 | 94   | 41896    | 55.494  | ug/l  | 96     |
| 6) Chloroethane               | 2.26 | 64   | 69726    | 53.520  | ug/l  | 92     |
| 7) Trichlorofluoromethane     | 2.52 | 101  | 270699   | 43.293  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.87 | 74   | 118522   | 57.459  | ug/l  | 85     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101  | 338698   | 48.451  | ug/l  | 95     |
| 10) Methyl Iodide             | 3.30 | 142  | 491856   | 51.028  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 4.04 | 59   | 86699    | 286.612 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 3.12 | 96   | 274193   | 47.851  | ug/l  | 92     |
| 13) Acrolein                  | 3.03 | 56   | 126313   | 288.594 | ug/l  | 95     |
| 14) Allyl chloride            | 3.61 | 41   | 426788   | 46.551  | ug/l  | 94     |
| 15) Acrylonitrile             | 4.18 | 53   | 305897   | 286.121 | ug/l  | 96     |
| 16) Acetone                   | 3.21 | 43   | 306767   | 225.769 | ug/l  | 100    |
| 17) Carbon Disulfide          | 3.37 | 76   | 824174   | 42.638  | ug/l  | 100    |
| 18) Methyl Acetate            | 3.63 | 43   | 178724   | 66.837  | ug/l  | 96     |
| 19) Methyl tert-butyl Ether   | 4.23 | 73   | 616621   | 61.404  | ug/l  | 96     |
| 20) Methylene Chloride        | 3.80 | 84   | 322526   | 52.271  | ug/l  | 95     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96   | 321573   | 51.849  | ug/l  | 95     |
| 22) Diisopropyl ether         | 5.10 | 45   | 960718   | 50.479  | ug/l  | 99     |
| 23) Vinyl Acetate             | 5.04 | 43   | 2510088  | 256.917 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 4.97 | 63   | 555938   | 53.313  | ug/l  | 99     |
| 25) 2-Butanone                | 6.06 | 43   | 422508   | 274.032 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 6.01 | 77   | 405120   | 49.766  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 6.02 | 96   | 357919   | 54.392  | ug/l  | 99     |
| 28) Bromochloromethane        | 6.42 | 49   | 251865   | 57.054  | ug/l  | 96     |
| 29) Tetrahydrofuran           | 6.44 | 42   | 227394   | 271.610 | ug/l  | 94     |
| 30) Chloroform                | 6.65 | 83   | 584331   | 54.067  | ug/l  | 98     |
| 31) Cyclohexane               | 6.94 | 56   | 379832   | 45.174  | ug/l  | 95     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97   | 475081   | 50.846  | ug/l  | 96     |
| 36) 1,1-Dichloropropene       | 7.13 | 75   | 388329   | 45.136  | ug/l  | 98     |
| 37) Ethyl Acetate             | 6.17 | 43   | 193507   | 47.930  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.10 | 117  | 496515   | 52.391  | ug/l  | 100    |

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Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 22 02:04:11 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   | 414703   | 46.485   | ug/l   | 99       |
| 40) Benzene                    | 7.45  | 78   | 972500   | 45.237   | ug/l   | 98       |
| 41) Methacrylonitrile          | 6.43  | 41   | 251404   | 54.137   | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 7.56  | 62   | 341882   | 54.801   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 9.23  | 43   | 291417   | 52.115   | ug/l # | 96       |
| 44) Trichloroethene            | 8.53  | 130  | 395620   | 53.342   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 8.92  | 63   | 284912   | 50.445   | ug/l   | 98       |
| 46) Dibromomethane             | 9.05  | 93   | 190862   | 53.274   | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 431973   | 53.431   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.11  | 41   | 173832   | 55.213   | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.07  | 88   | 34655    | 1088.545 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.29 | 43   | 887789   | 259.155  | ug/l   | 98       |
| 52) Toluene                    | 10.50 | 92   | 630708   | 47.179   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.90 | 75   | 401850   | 54.359   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.03 | 75   | 467230   | 52.603   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 226029   | 50.771   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 11.03 | 69   | 234288   | 50.278   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 11.39 | 76   | 358920   | 53.949   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.85  | 63   | 610064   | 247.332  | ug/l   | 98       |
| 59) 2-Hexanone                 | 11.52 | 43   | 659151   | 263.041  | ug/l   | 96       |
| 60) Dibromochloromethane       | 11.68 | 129  | 378269   | 57.734   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 261460   | 50.486   | ug/l   | 99       |
| 64) Tetrachloroethene          | 11.25 | 164  | 284462   | 52.422   | ug/l   | 98       |
| 65) Chlorobenzene              | 12.39 | 112  | 835626   | 53.025   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 324249   | 57.723   | ug/l   | 98       |
| 67) Ethyl Benzene              | 12.52 | 91   | 1182343  | 50.396   | ug/l   | 99       |
| 68) m/p-Xylenes                | 12.66 | 106  | 963330   | 104.615  | ug/l   | 97       |
| 69) o-Xylene                   | 13.04 | 106  | 468279   | 51.735   | ug/l   | 91       |
| 70) Styrene                    | 13.07 | 104  | 731353   | 49.482   | ug/l   | 100      |
| 71) Bromoform                  | 13.23 | 173  | 212594   | 58.666   | ug/l # | 99       |
| 73) Isopropylbenzene           | 13.39 | 105  | 1303133  | 57.205   | ug/l   | 99       |
| 74) N-amyl acetate             | 13.25 | 43   | 314805   | 49.078   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 277121   | 62.350   | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 273782   | 60.204   | ug/l   | 100      |
| 77) Bromobenzene               | 13.67 | 156  | 345013   | 59.330   | ug/l   | 94       |
| 78) n-propylbenzene            | 13.77 | 91   | 1457618  | 54.656   | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 808157   | 55.043   | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene     | 14.23 | 105  | 1005801  | 58.159   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 81722    | 60.954   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 860046   | 49.550   | ug/l   | 94       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 1197311  | 63.262   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 1005801  | 58.159   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 1257256  | 54.414   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 1098805  | 58.180   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 615497   | 59.275   | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 550485   | 53.948   | ug/l   | 99       |
| 89) n-Butylbenzene             | 14.79 | 91   | 966406   | 53.284   | ug/l   | 98       |
| 90) Hexachloroethane           | 15.00 | 117  | 302243   | 56.675   | ug/l   | 74       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 557157   | 64.362   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 35566    | 66.405   | ug/l   | 71       |

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Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Quant Time: Mar 22 02:04:11 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

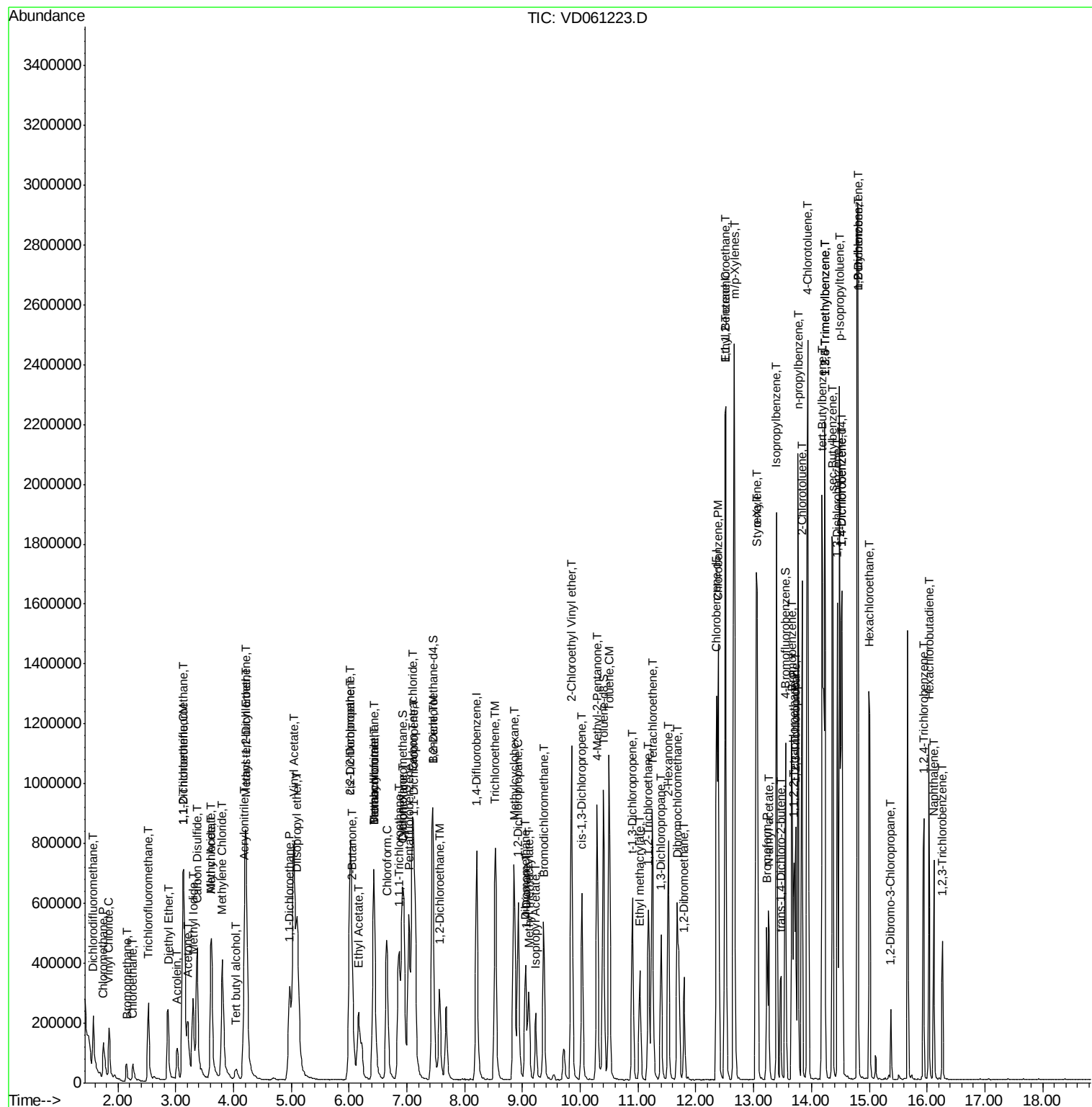
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 247939   | 61.741 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 176193   | 58.006 | ug/l  | 98       |
| 95) Naphthalene            | 16.12 | 128  | 441226   | 72.303 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 120188   | 60.597 | ug/l  | 97       |

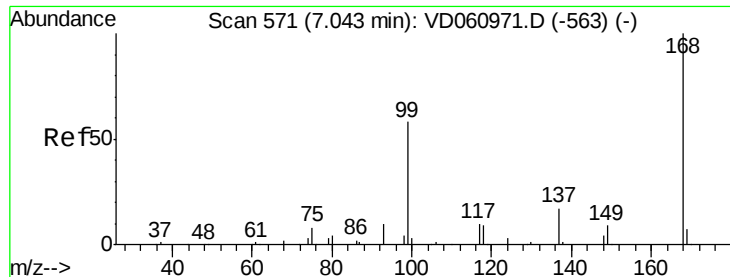
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032019\  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

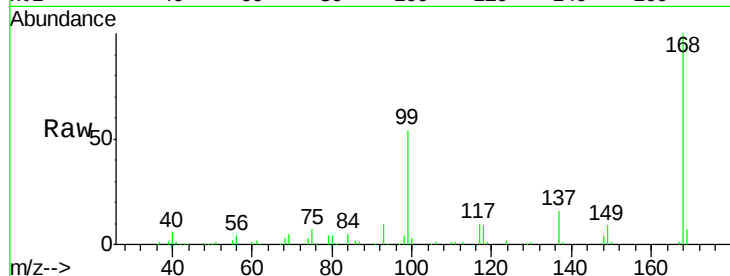
VSTDCCC050

Tot Ion:168 Resp: 570842

Ion Ratio Lower Upper

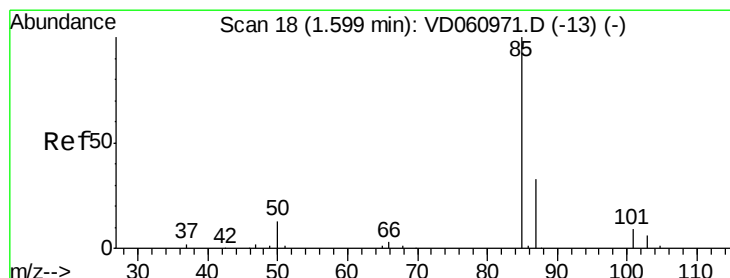
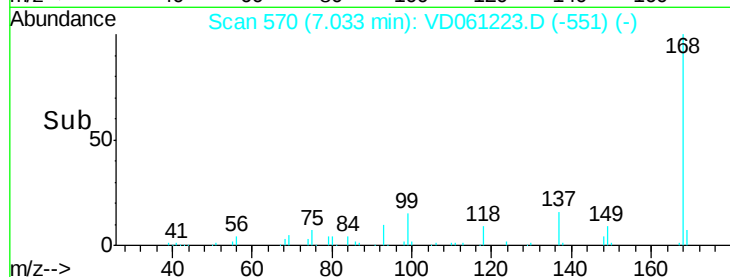
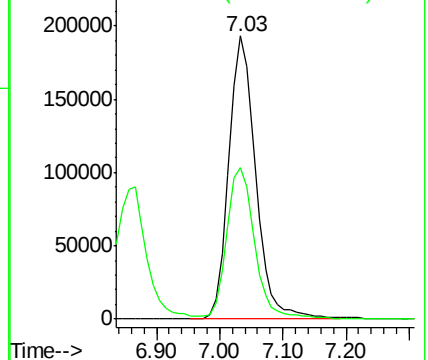
168 100

99 53.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 42.646 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.03 min

Lab File: VD061223.D

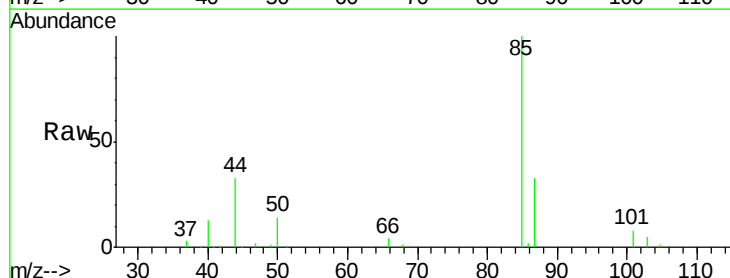
Acq: 20 Mar 2019 23:34

Tgt Ion: 85 Resp: 241143

Ion Ratio Lower Upper

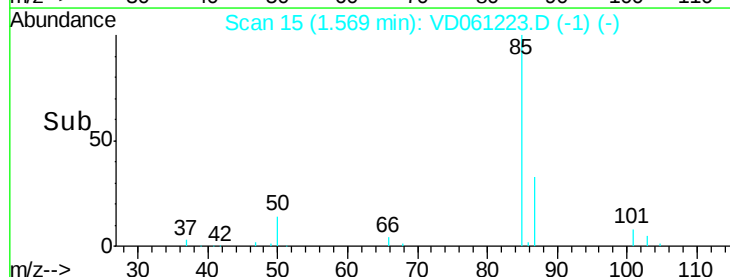
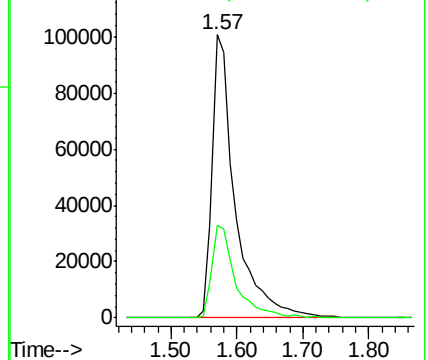
85 100

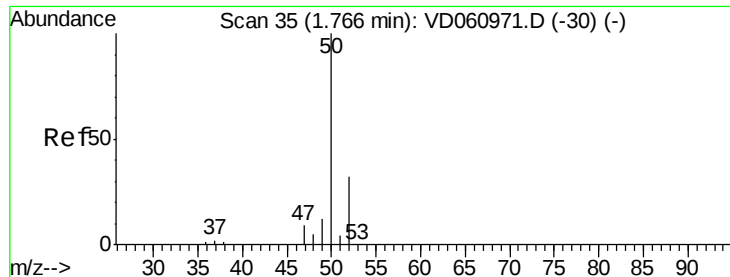
87 32.8 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.086 ug/l

RT: 1.75 min Scan# 33

Delta R.T. -0.02 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

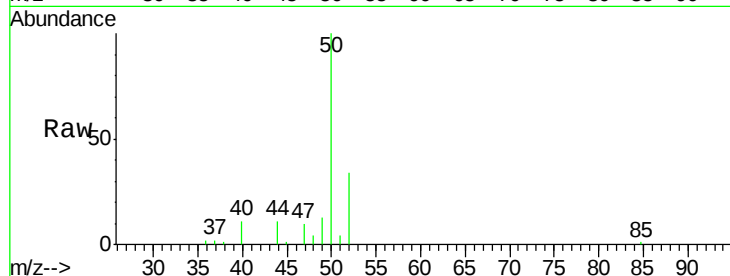
VSTDCCC050

Tot Ion: 50 Resp: 212374

Ion Ratio Lower Upper

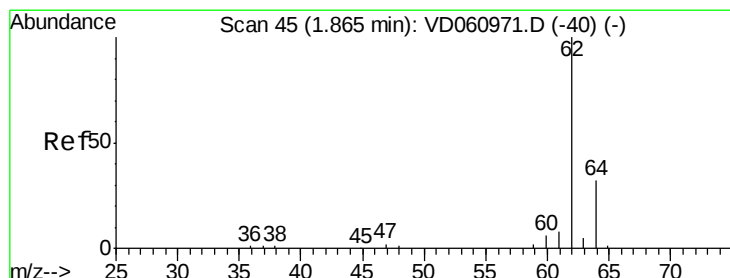
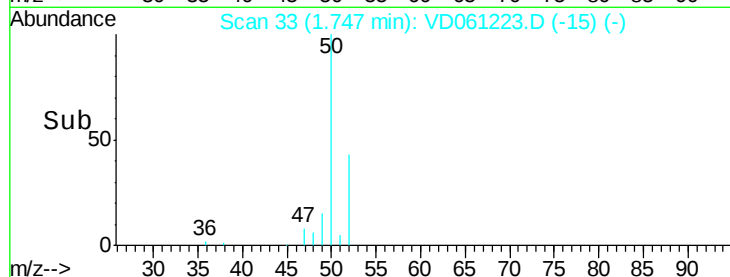
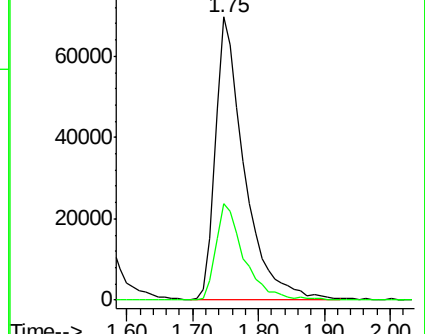
50 100

52 34.2 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: 45.114 ug/l

RT: 1.84 min Scan# 43

Delta R.T. -0.02 min

Lab File: VD061223.D

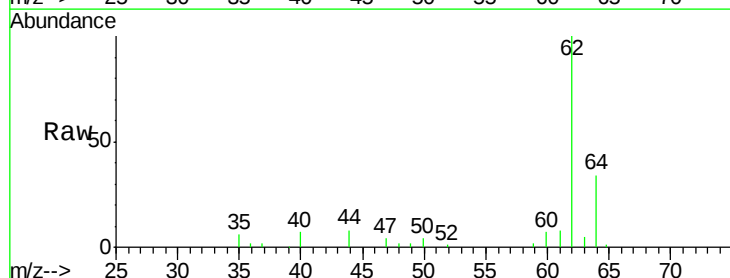
Acq: 20 Mar 2019 23:34

Tgt Ion: 62 Resp: 196362

Ion Ratio Lower Upper

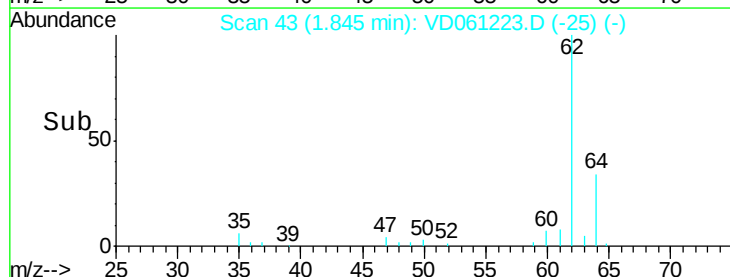
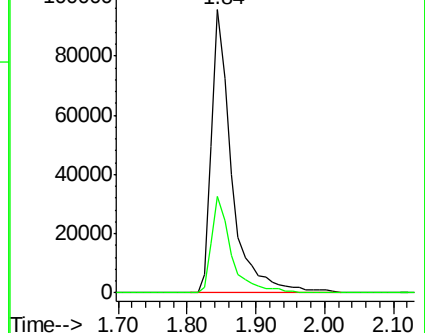
62 100

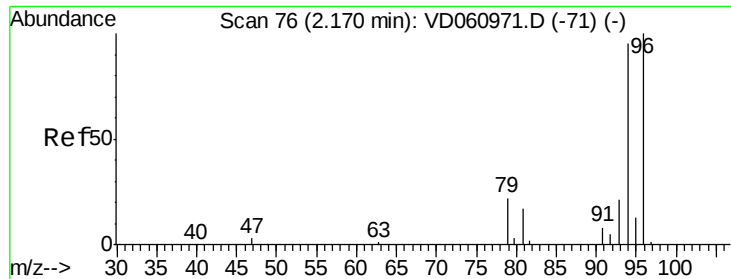
64 34.1 25.2 37.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 55.494 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.02 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

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VSTDCCC050

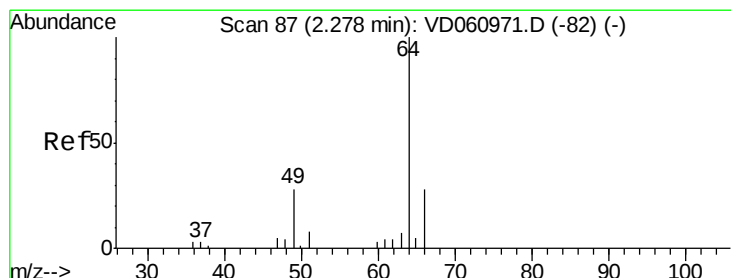
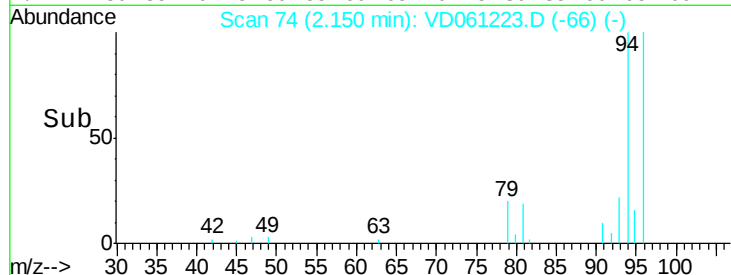
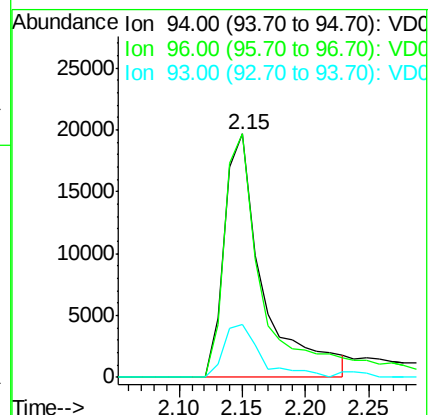
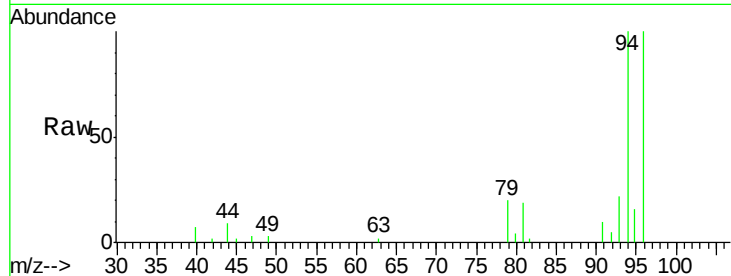
Tot Ion: 94 Resp: 41896

Ion Ratio Lower Upper

94 100

96 100.0 84.0 126.0

93 21.8 17.3 25.9



#6

Chloroethane

Concen: 53.520 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.02 min

Lab File: VD061223.D

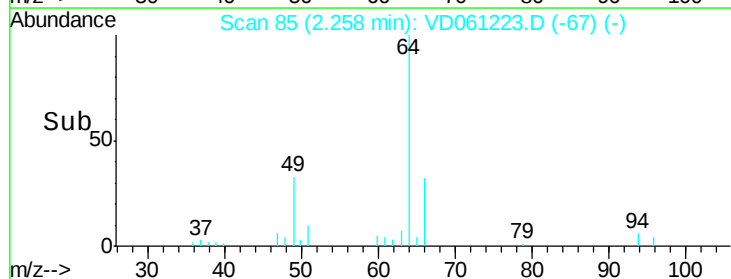
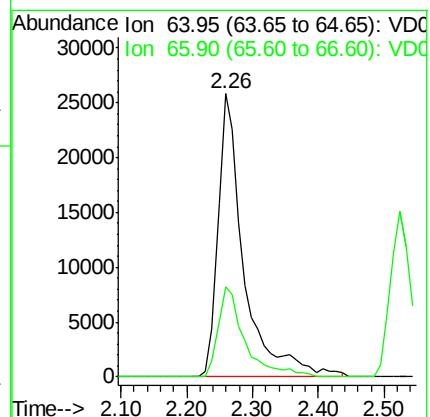
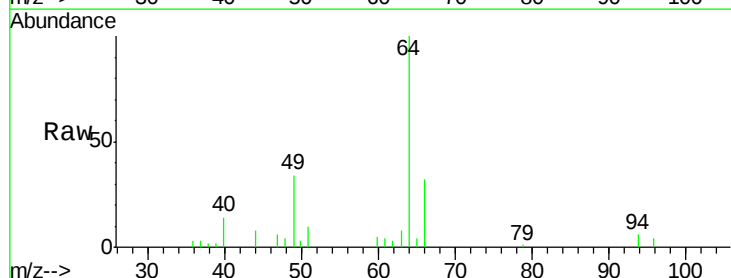
Acq: 20 Mar 2019 23:34

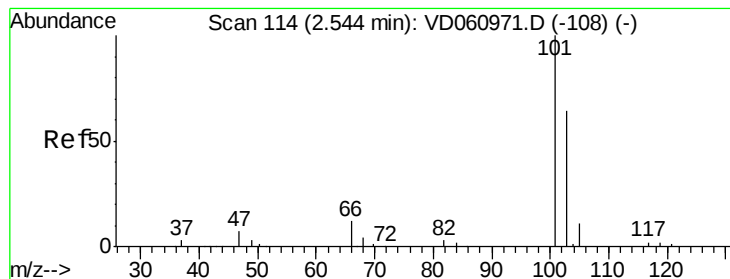
Tgt Ion: 64 Resp: 69726

Ion Ratio Lower Upper

64 100

66 32.0 22.2 33.2



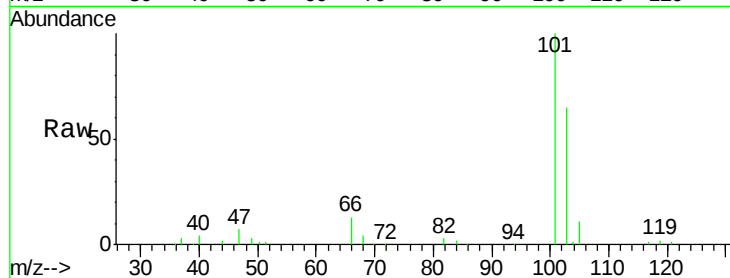


#7

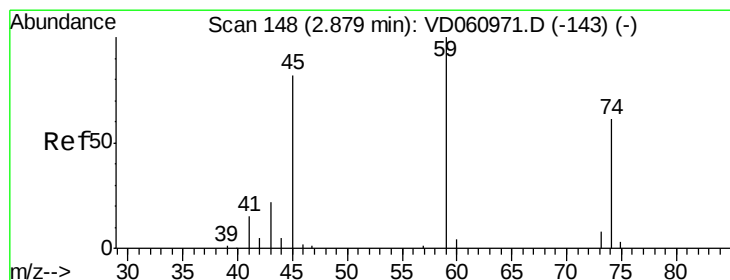
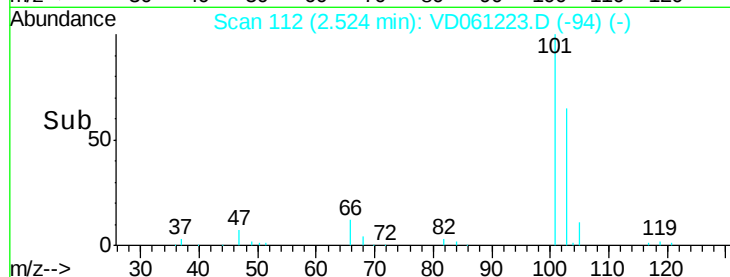
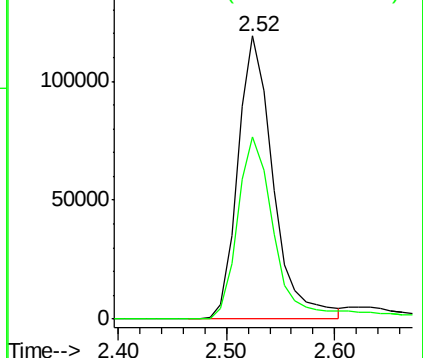
Trichlorofluoromethane  
Concen: 43.293 ug/l  
RT: 2.52 min Scan# 112  
Delta R.T. -0.02 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:101 Resp: 270699  
Ion Ratio Lower Upper  
101 100  
103 64.6 51.2 76.8



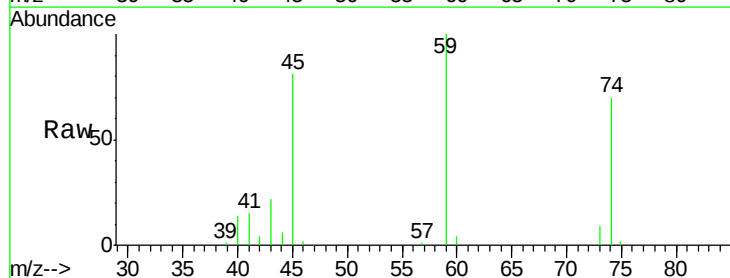
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



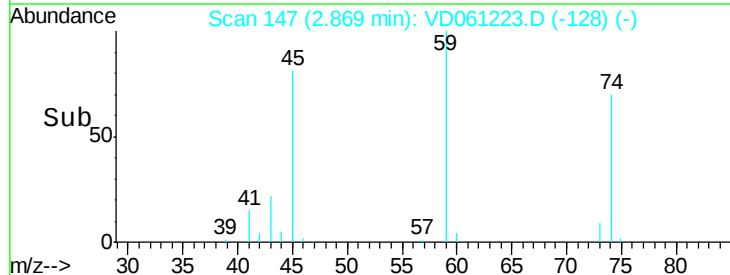
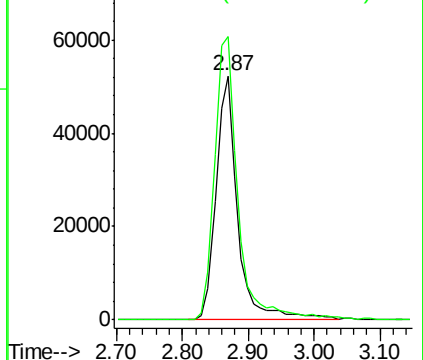
#8

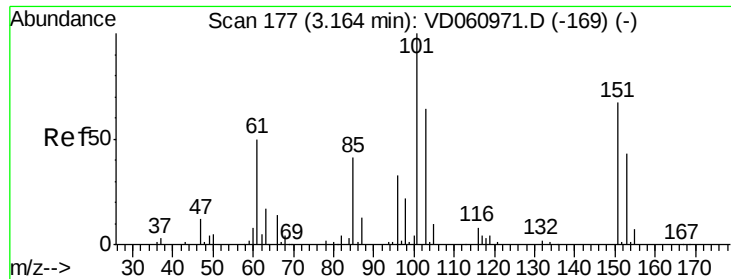
Diethyl Ether  
Concen: 57.459 ug/l  
RT: 2.87 min Scan# 147  
Delta R.T. -0.01 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion: 74 Resp: 118522  
Ion Ratio Lower Upper  
74 100  
45 116.1 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: 48.451 ug/l

RT: 3.14 min Scan# 175

Delta R.T. -0.02 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

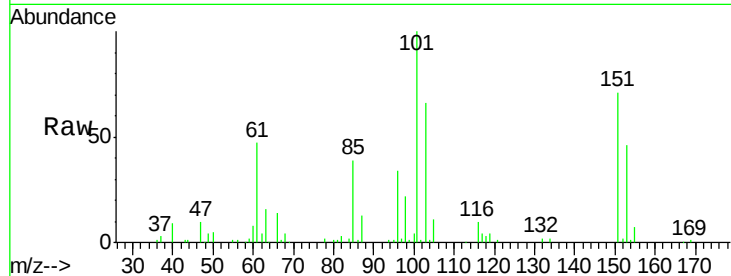
Tot Ion:101 Resp: 338698

Ion Ratio Lower Upper

101 100

85 38.7 32.5 48.7

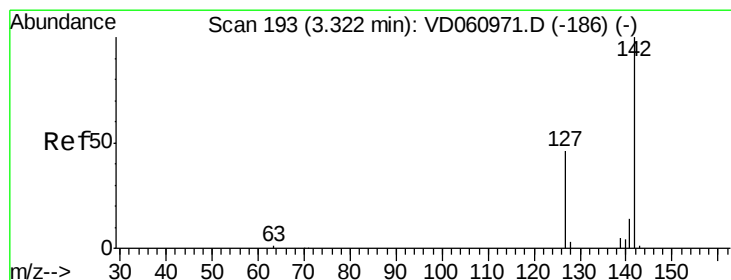
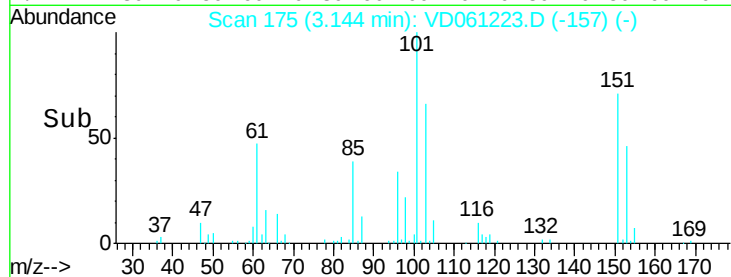
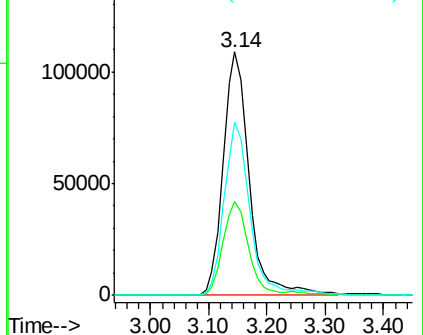
151 71.3 53.3 79.9



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: 51.028 ug/l

RT: 3.30 min Scan# 191

Delta R.T. -0.02 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

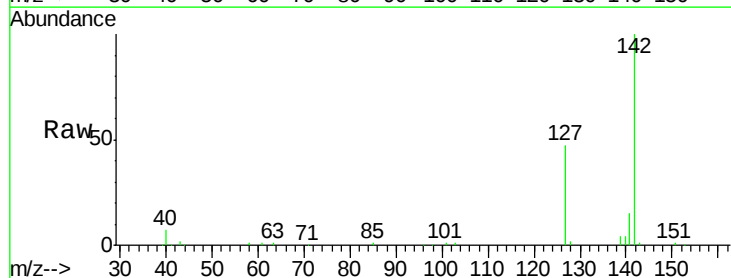
Tgt Ion:142 Resp: 491856

Ion Ratio Lower Upper

142 100

127 47.0 36.8 55.2

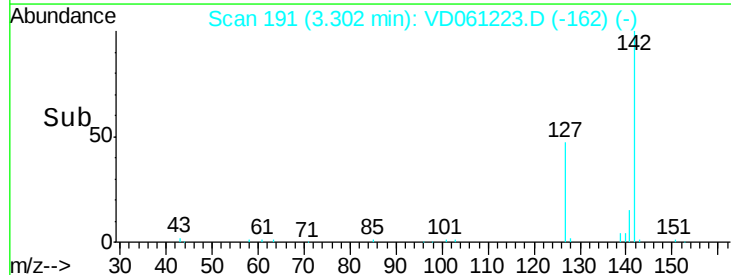
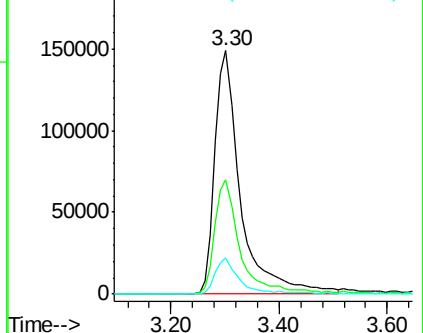
141 14.7 11.2 16.8

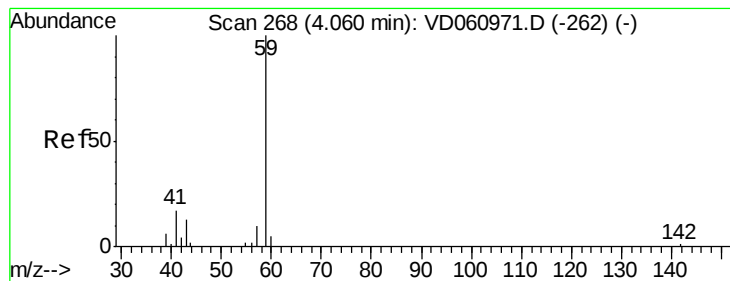


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



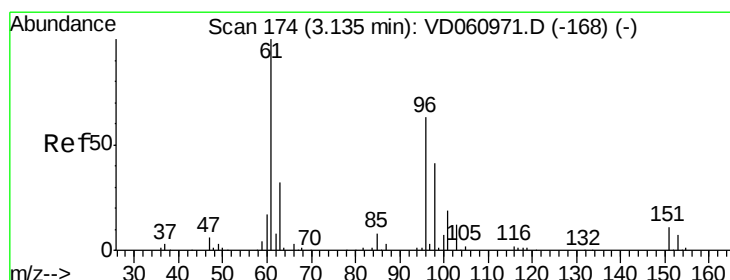
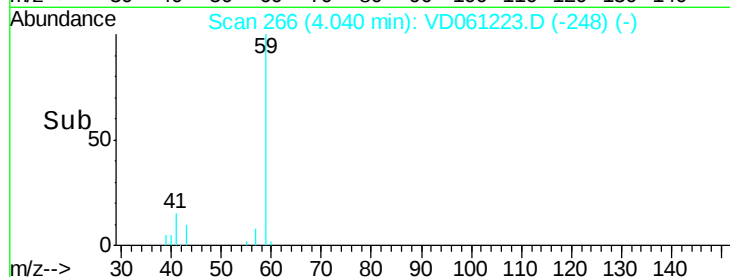
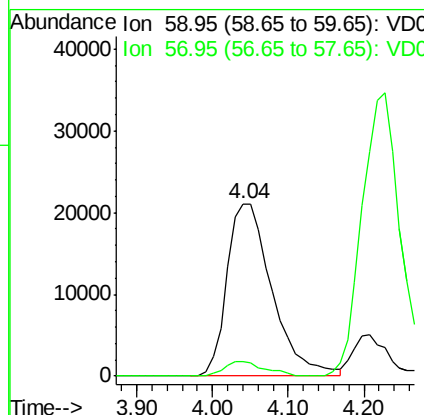
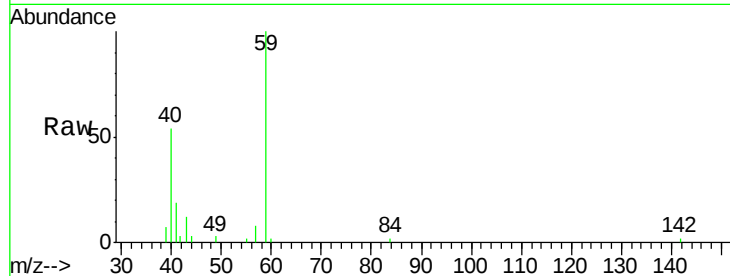


#11

Tert butyl alcohol  
 Concen: 286.612 ug/l  
 RT: 4.04 min Scan# 266  
 Delta R.T. -0.02 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

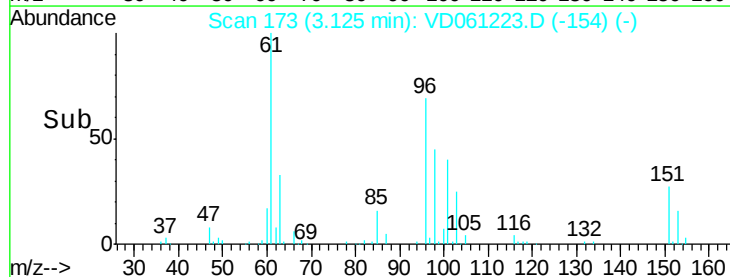
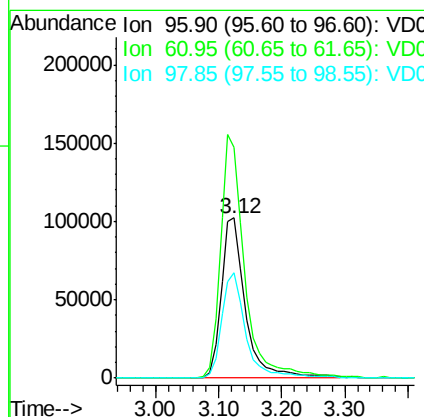
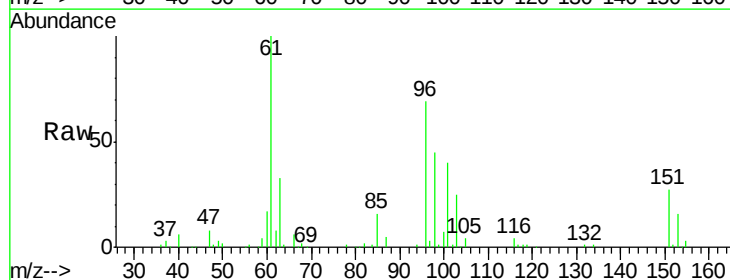
Tot Ion: 59 Resp: 86699  
 Ion Ratio Lower Upper  
 59 100  
 57 8.2 7.1 10.7

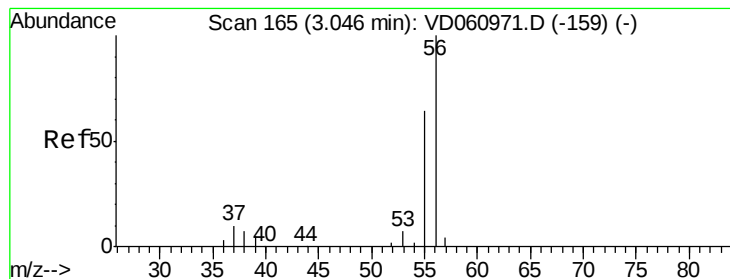


#12

1,1-Dichloroethene  
 Concen: 47.851 ug/l  
 RT: 3.12 min Scan# 173  
 Delta R.T. -0.01 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

Tgt Ion: 96 Resp: 274193  
 Ion Ratio Lower Upper  
 96 100  
 61 144.4 127.1 190.7  
 98 65.6 51.5 77.3





#13

Acrolein

Concen: 288.594 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.02 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

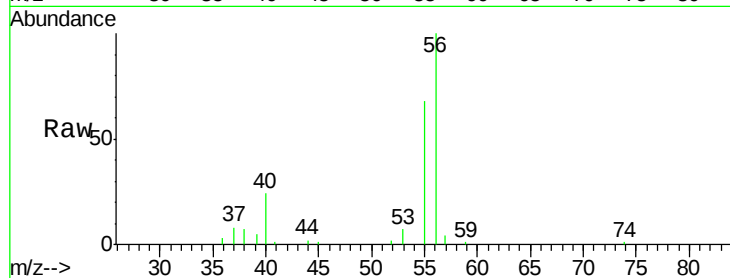
VSTDCCC050

Tot Ion: 56 Resp: 126313

Ion Ratio Lower Upper

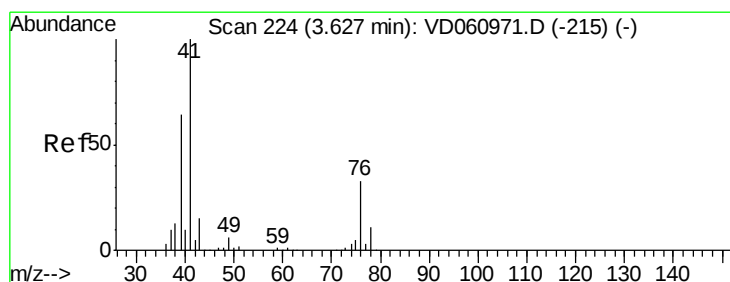
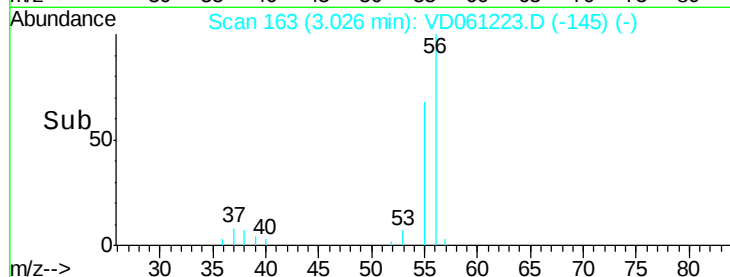
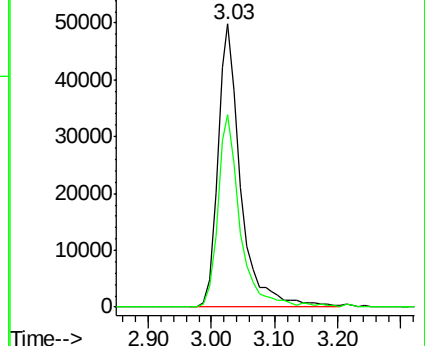
56 100

55 68.2 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: 46.551 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.02 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

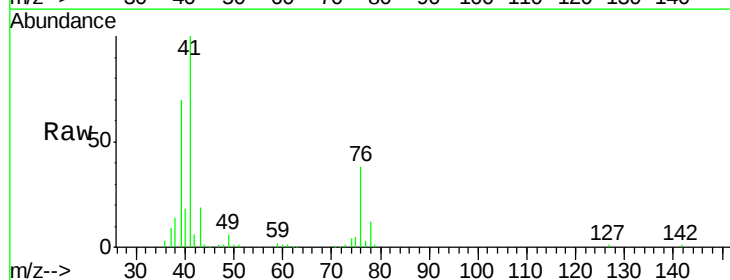
Tgt Ion: 41 Resp: 426788

Ion Ratio Lower Upper

41 100

39 69.8 51.1 76.7

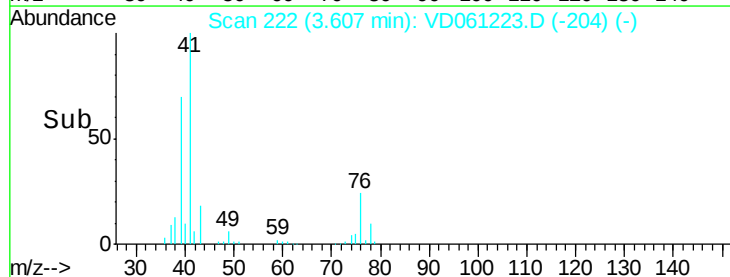
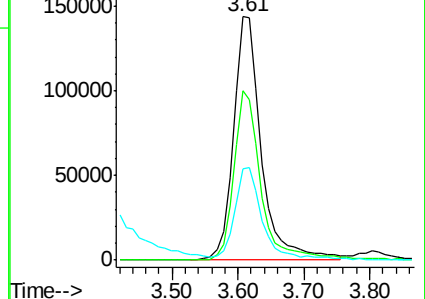
76 37.7 29.1 43.7

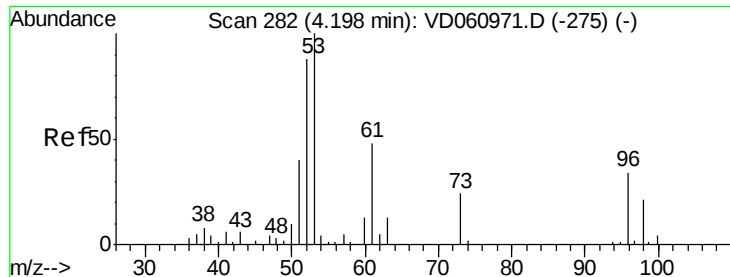


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 286.121 ug/l

RT: 4.18 min Scan# 280

Delta R.T. -0.02 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

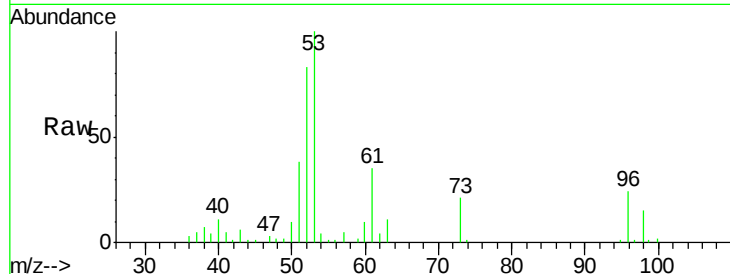
Tot Ion: 53 Resp: 305897

Ion Ratio Lower Upper

53 100

52 83.2 70.2 105.4

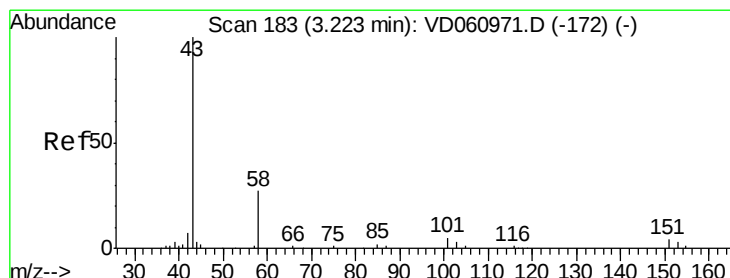
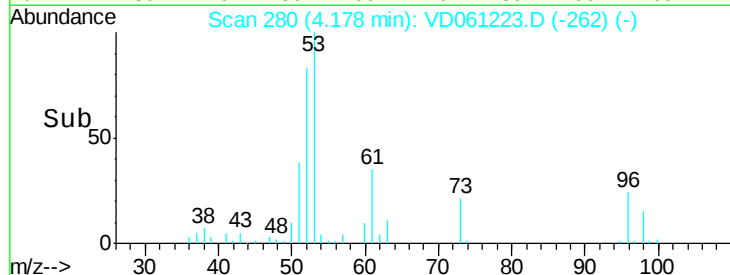
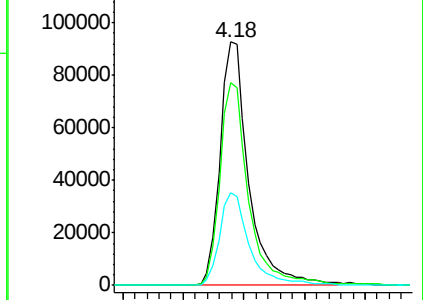
51 38.2 31.7 47.5



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: 225.769 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061223.D

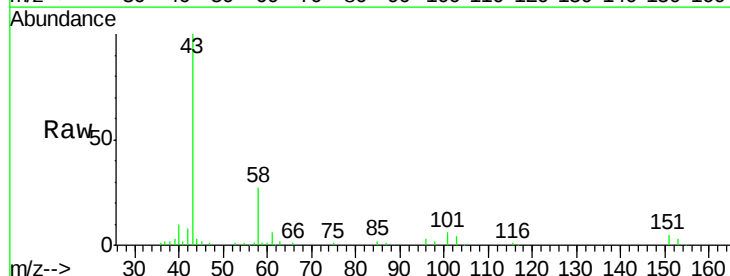
Acq: 20 Mar 2019 23:34

Tgt Ion: 43 Resp: 306767

Ion Ratio Lower Upper

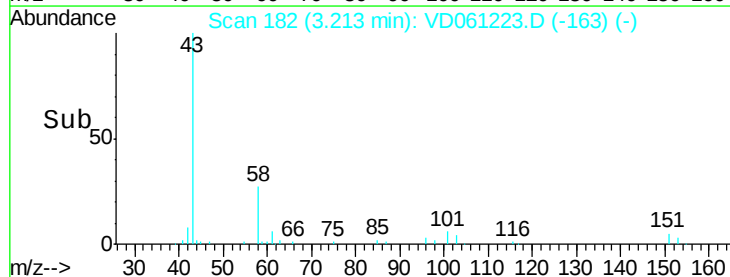
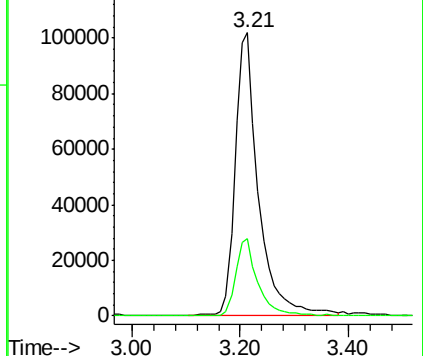
43 100

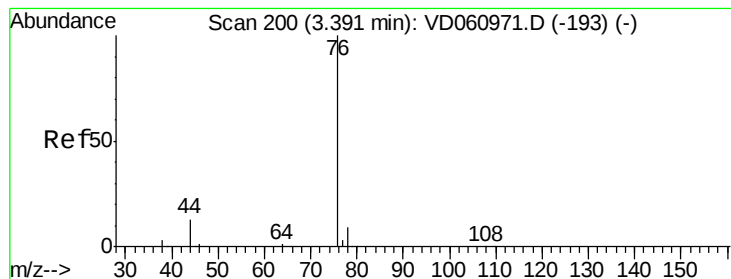
58 27.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 42.638 ug/l

RT: 3.37 min Scan# 198

Delta R.T. -0.02 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

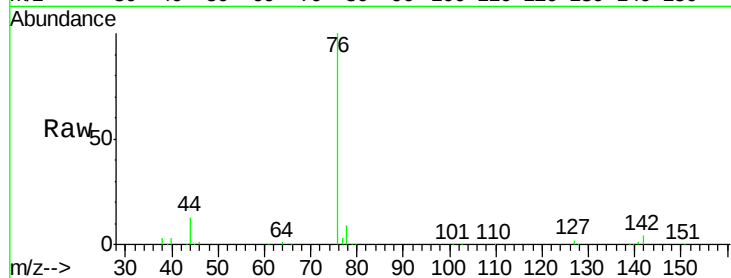
VSTDCCC050

Tot Ion: 76 Resp: 824174

Ion Ratio Lower Upper

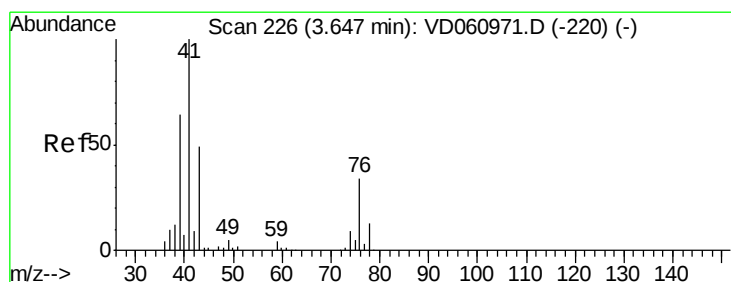
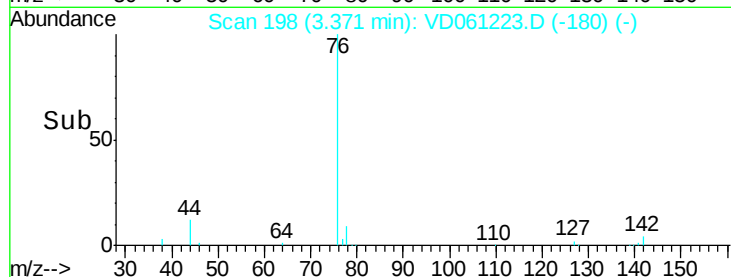
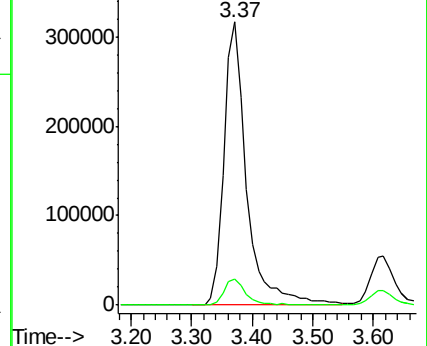
76 100

78 9.3 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 66.837 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.02 min

Lab File: VD061223.D

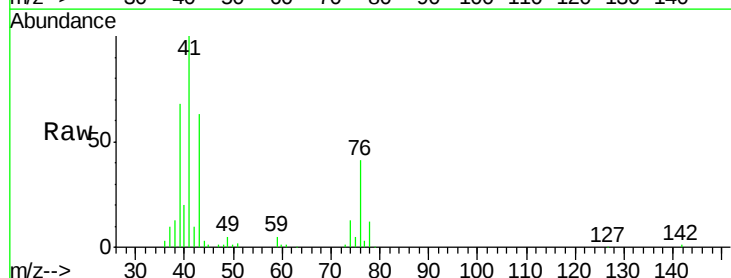
Acq: 20 Mar 2019 23:34

Tgt Ion: 43 Resp: 178724

Ion Ratio Lower Upper

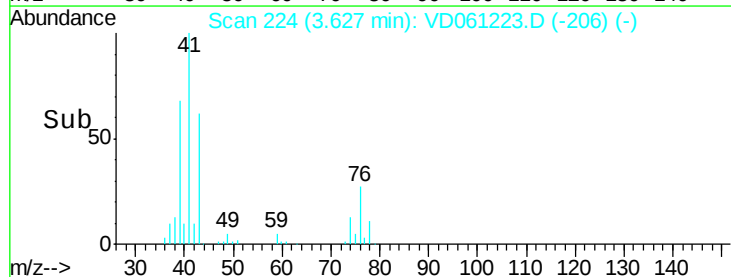
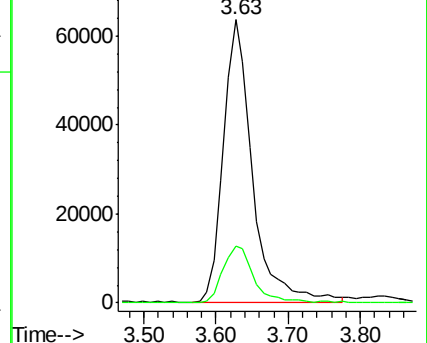
43 100

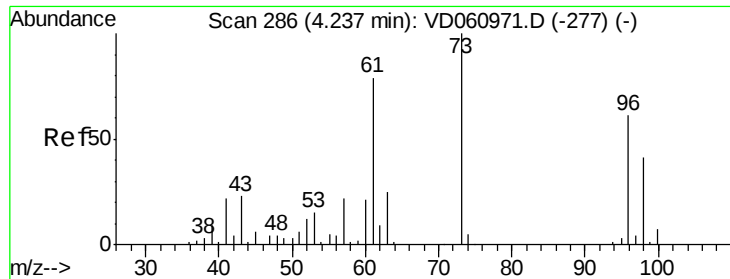
74 20.2 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

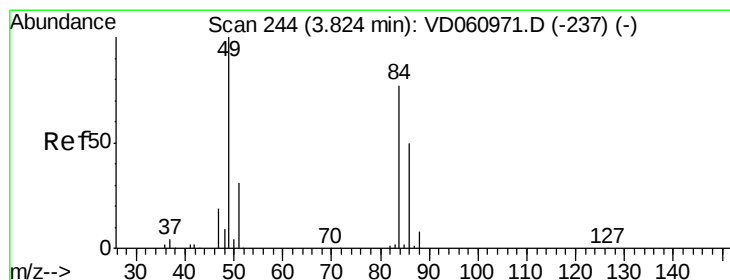
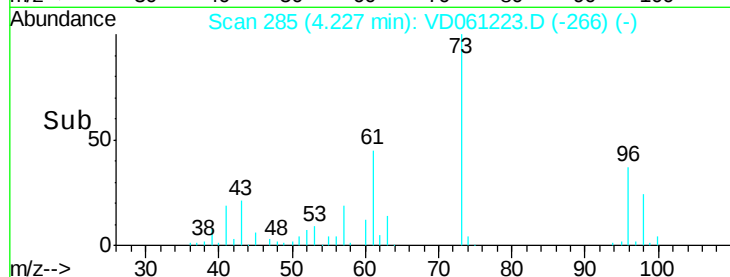
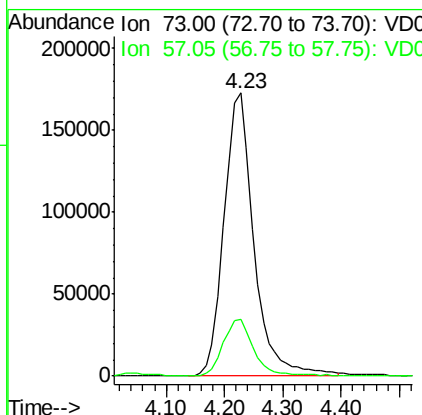
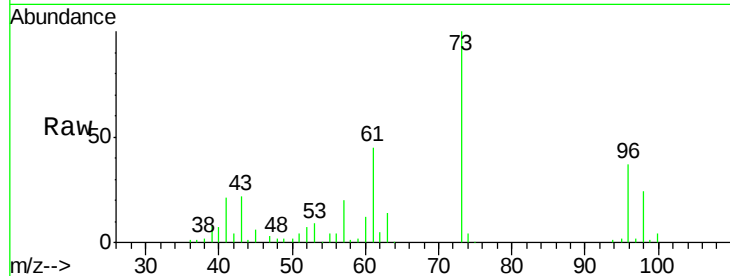




#19  
Methvl tert-butvl Ether  
Concen: 61.404 ug/l  
RT: 4.23 min Scan# 285  
Delta R.T. -0.01 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

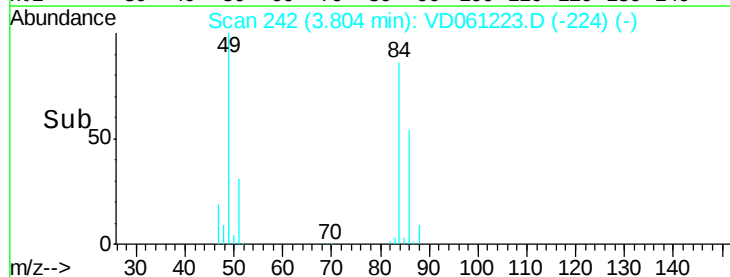
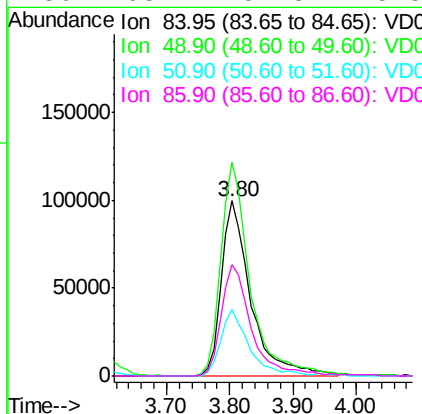
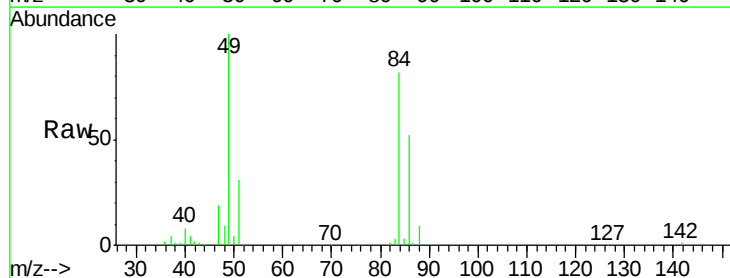
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

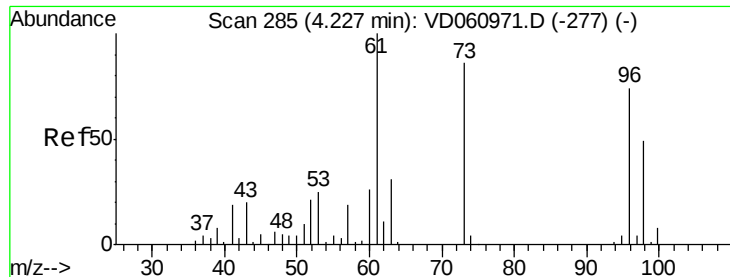
Tot Ion: 73 Resp: 616621  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.7 26.5



#20  
Methylene Chloride  
Concen: 52.271 ug/l  
RT: 3.80 min Scan# 242  
Delta R.T. -0.02 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion: 84 Resp: 322526  
Ion Ratio Lower Upper  
84 100  
49 122.2 104.2 156.2  
51 38.1 32.3 48.5  
86 63.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 51.849 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.02 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

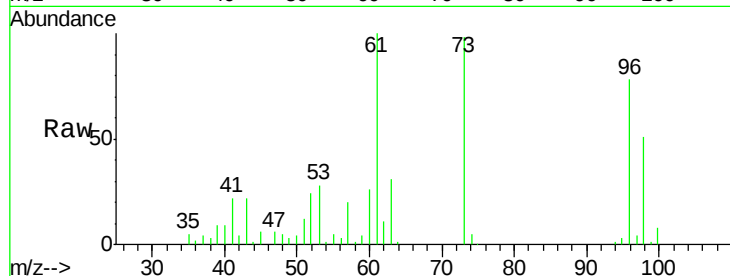
Tot Ion: 96 Resp: 321573

Ion Ratio Lower Upper

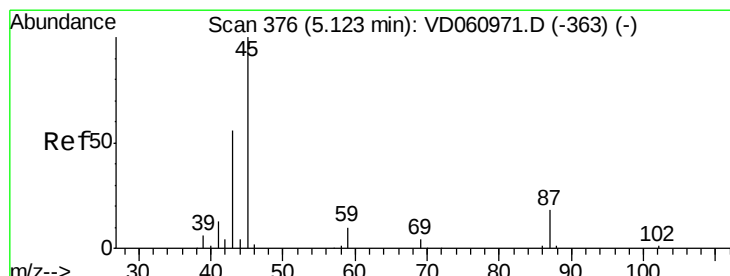
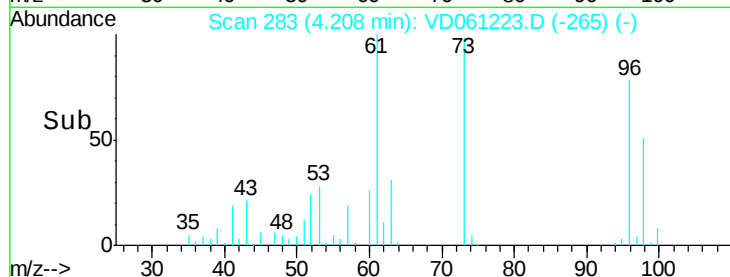
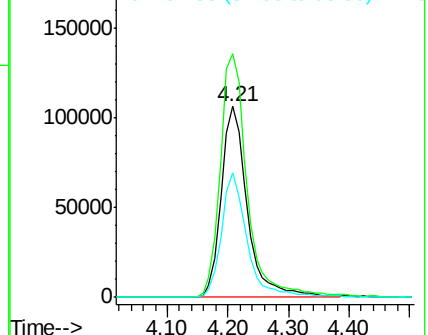
96 100

61 127.7 108.4 162.6

98 65.0 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: 50.479 ug/l

RT: 5.10 min Scan# 374

Delta R.T. -0.02 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Tgt Ion: 45 Resp: 960718

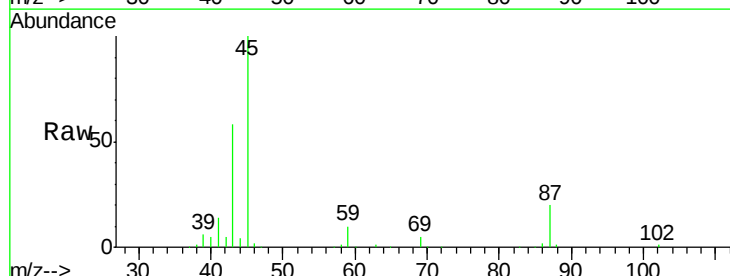
Ion Ratio Lower Upper

45 100

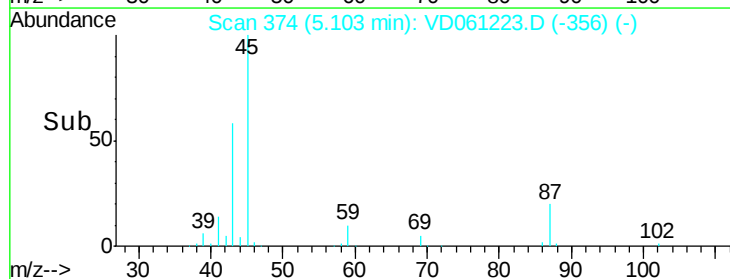
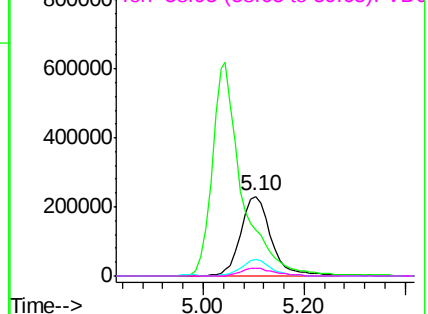
43 57.5 45.8 68.8

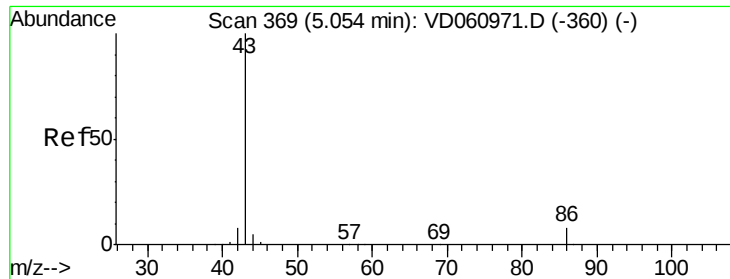
87 20.3 14.9 22.3

59 10.1 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: 256.917 ug/l

RT: 5.04 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

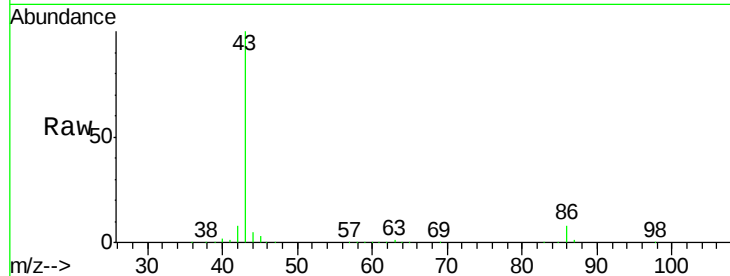
VSTDCCC050

Tot Ion: 43 Resp: 2510088

Ion Ratio Lower Upper

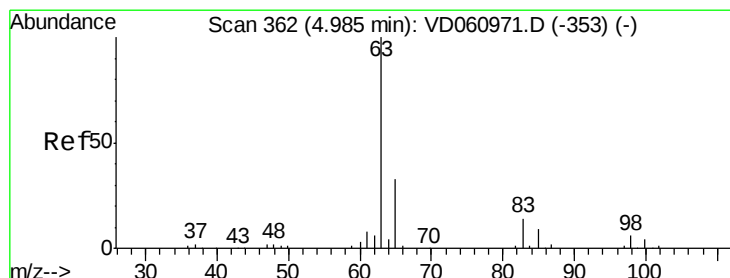
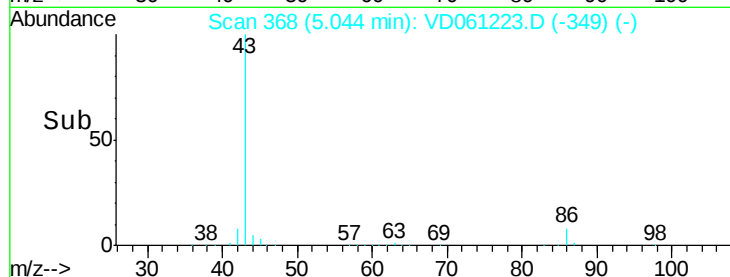
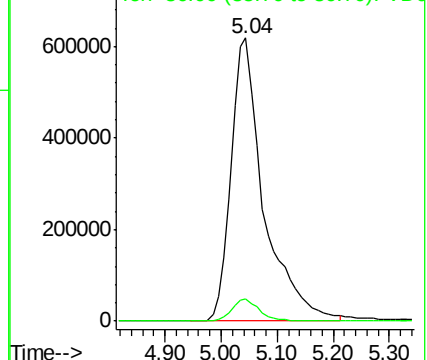
43 100

86 7.8 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: 53.313 ug/l

RT: 4.97 min Scan# 360

Delta R.T. -0.02 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

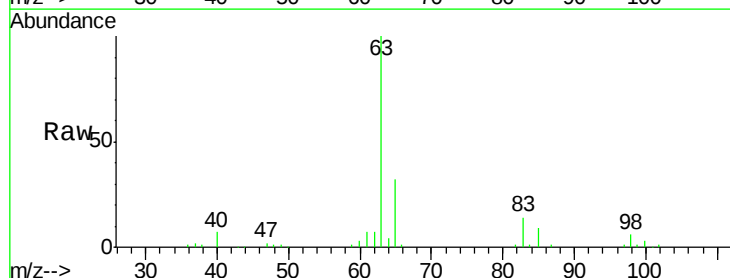
Tgt Ion: 63 Resp: 555938

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

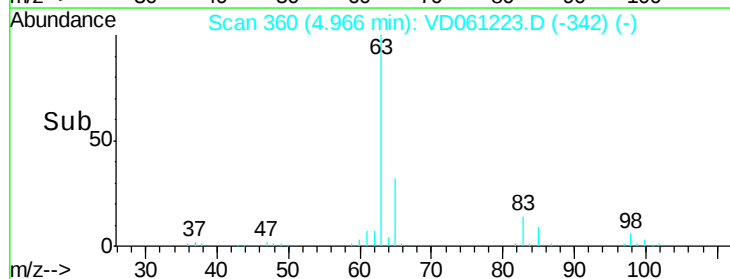
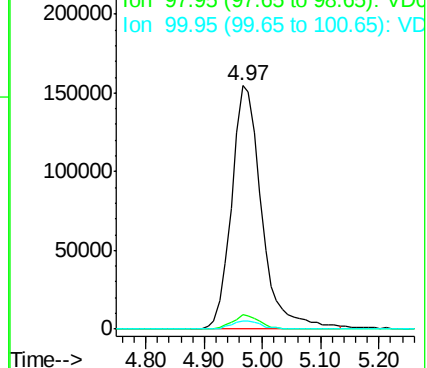
100 3.3 2.0 5.8



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: 274.032 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.01 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

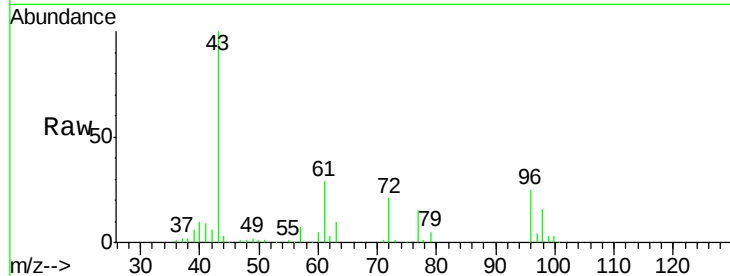
VSTDCCC050

Tot Ion: 43 Resp: 422508

Ion Ratio Lower Upper

43 100

72 21.4 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.06

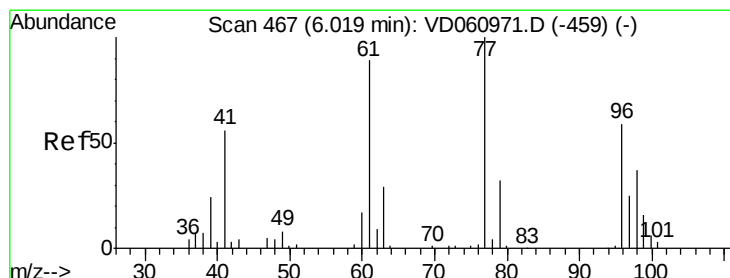
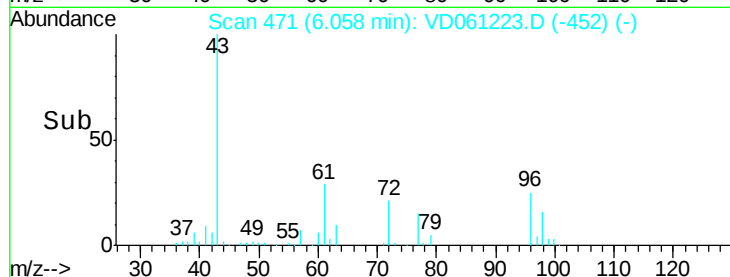
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#26

2,2-Dichloropropane

Concen: 49.766 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.01 min

Lab File: VD061223.D

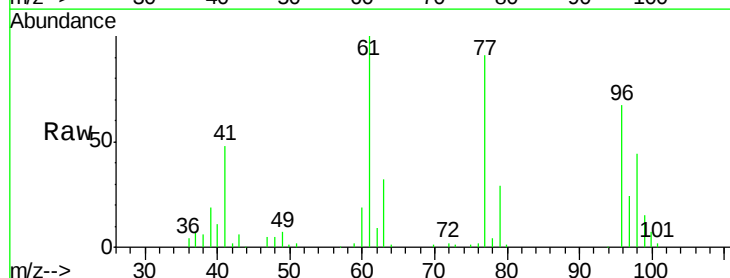
Acq: 20 Mar 2019 23:34

Tgt Ion: 77 Resp: 405120

Ion Ratio Lower Upper

77 100

97 26.2 12.6 37.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

6.01

120000

100000

80000

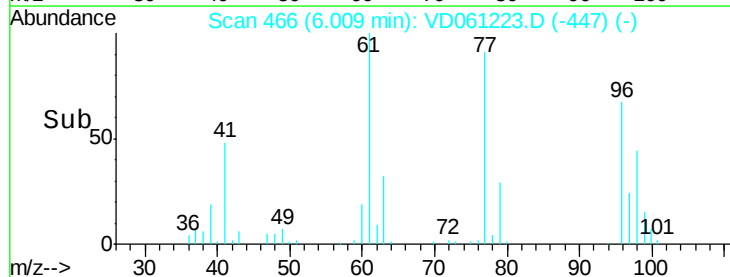
60000

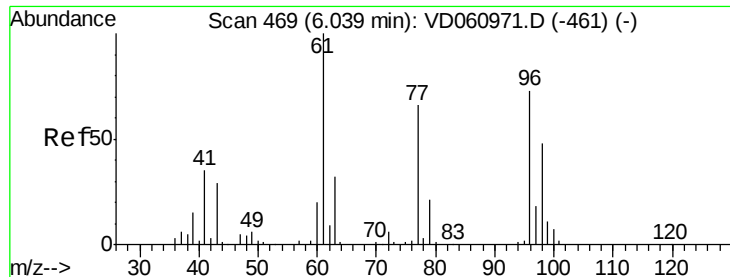
40000

20000

0

Time--> 5.80 5.90 6.00 6.10 6.20



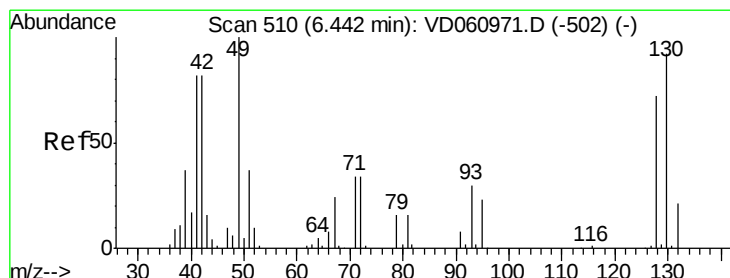
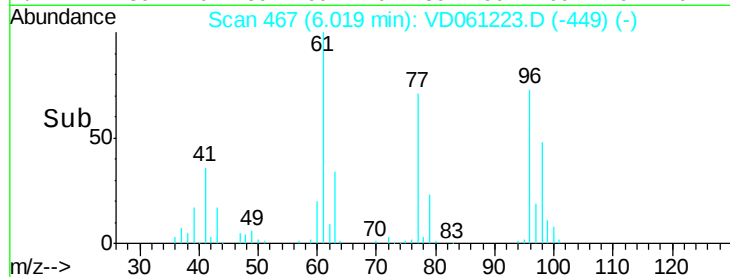
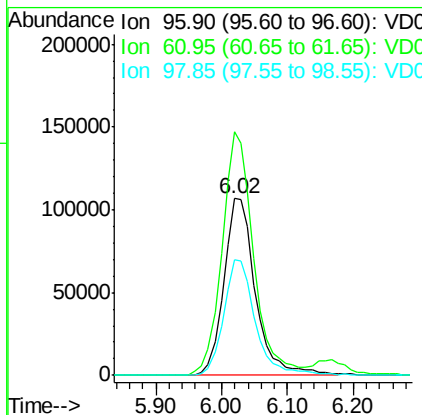
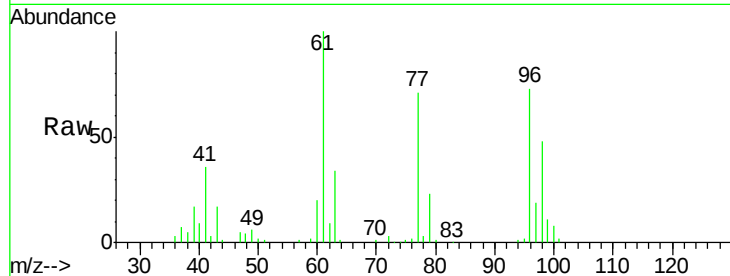


#27

cis-1,2-Dichloroethene  
Concen: 54.392 ug/l  
RT: 6.02 min Scan# 467  
Delta R.T. -0.02 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

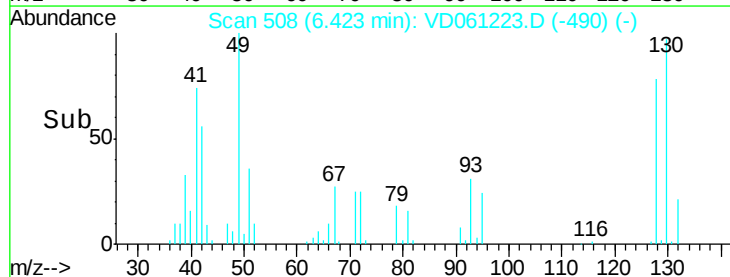
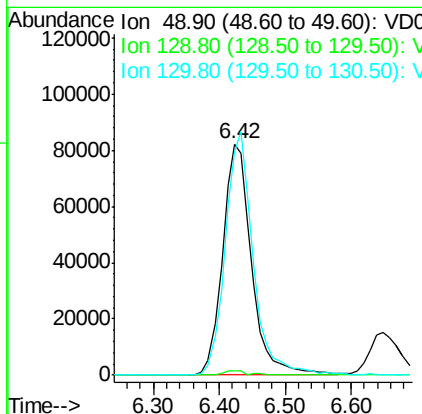
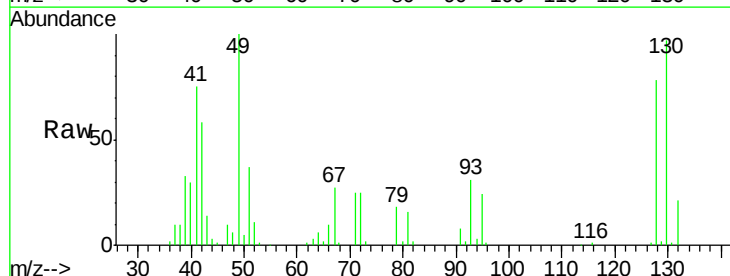
Tot Ion: 96 Resp: 357919  
Ion Ratio Lower Upper  
96 100  
61 137.7 0.0 273.6  
98 65.5 0.0 132.6



#28

Bromochloromethane  
Concen: 57.054 ug/l  
RT: 6.42 min Scan# 508  
Delta R.T. -0.02 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion: 49 Resp: 251865  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 4.0  
130 96.6 73.8 110.8





#29

Tetrahydrofuran

Concen: 271.610 ug/l

RT: 6.44 min Scan# 510

Delta R.T. -0.01 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

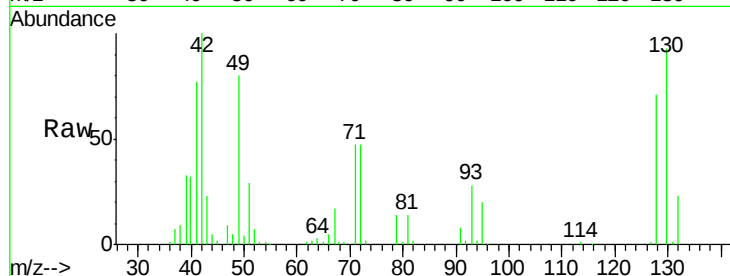
Tot Ion: 42 Resp: 227394

Ion Ratio Lower Upper

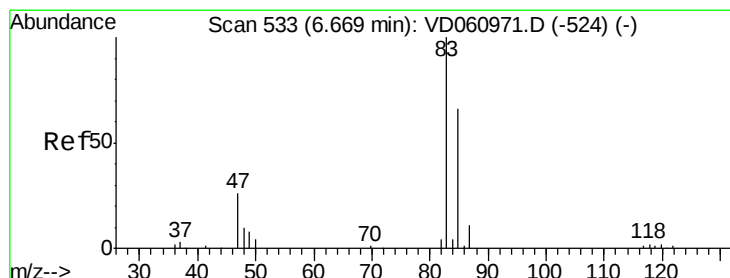
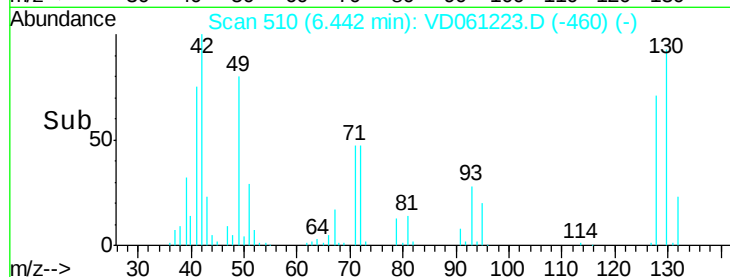
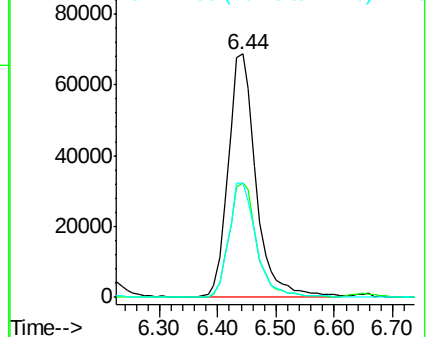
42 100

72 46.5 34.5 51.7

71 46.3 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: 54.067 ug/l

RT: 6.65 min Scan# 531

Delta R.T. -0.02 min

Lab File: VD061223.D

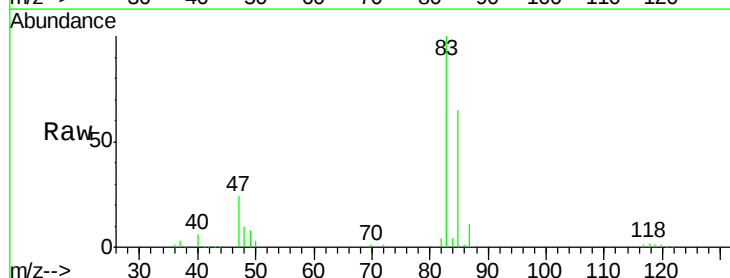
Acq: 20 Mar 2019 23:34

Tgt Ion: 83 Resp: 584331

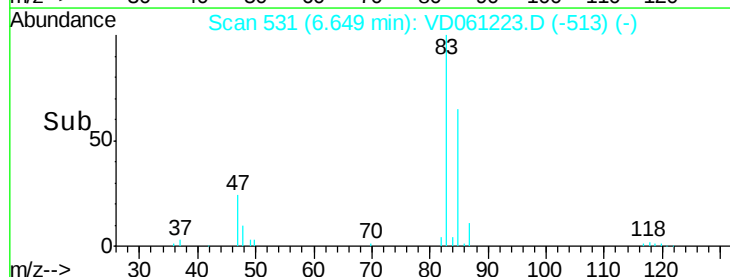
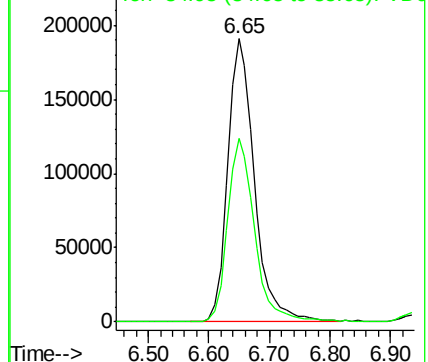
Ion Ratio Lower Upper

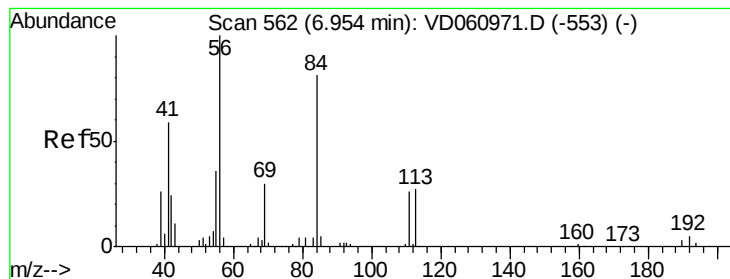
83 100

85 64.7 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: 45.174 ug/l

RT: 6.94 min Scan# 561

Delta R.T. -0.01 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

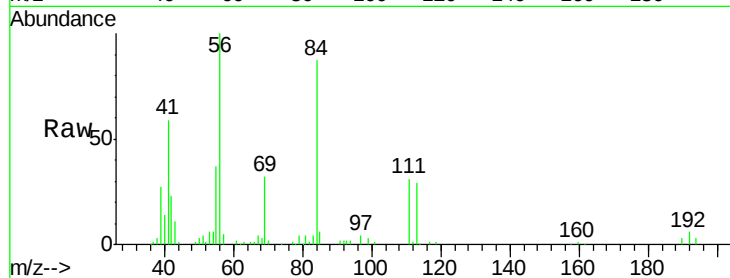
Tot Ion: 56 Resp: 379832

Ion Ratio Lower Upper

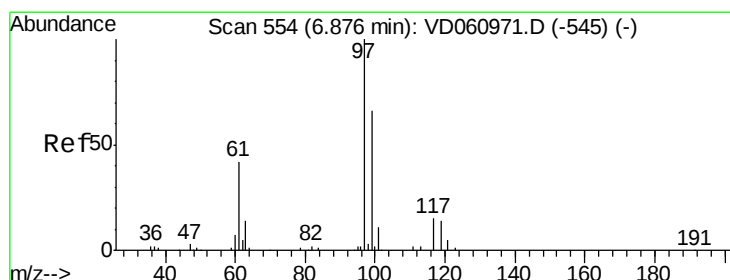
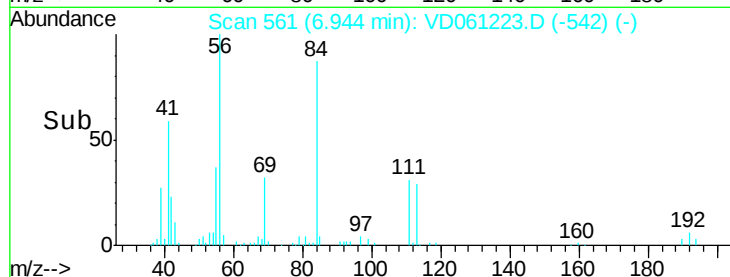
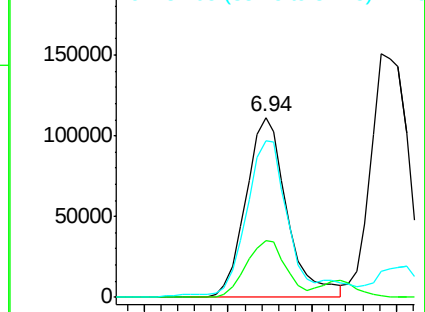
56 100

69 31.7 24.0 36.0

84 86.7 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: 50.846 ug/l

RT: 6.87 min Scan# 553

Delta R.T. -0.01 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

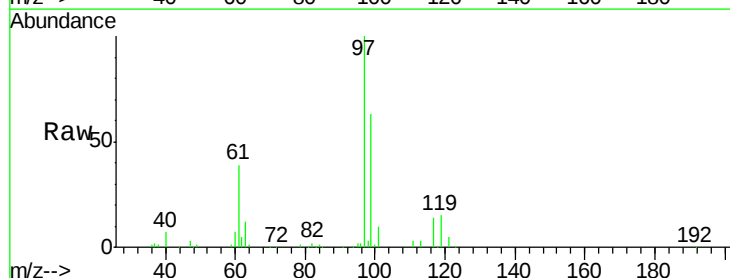
Tgt Ion: 97 Resp: 475081

Ion Ratio Lower Upper

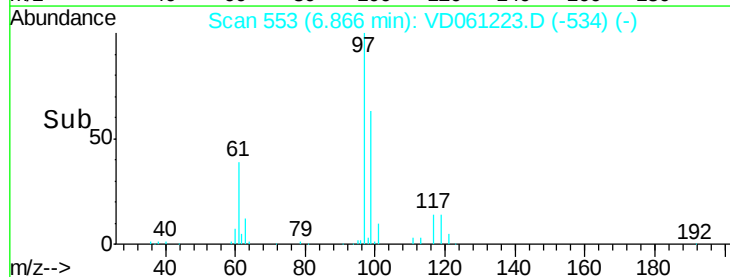
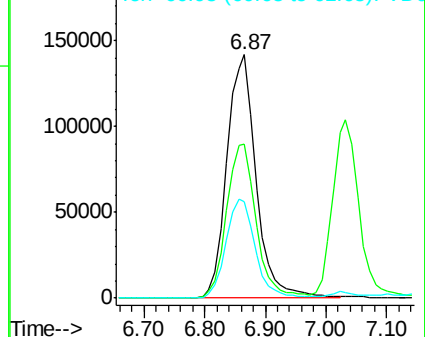
97 100

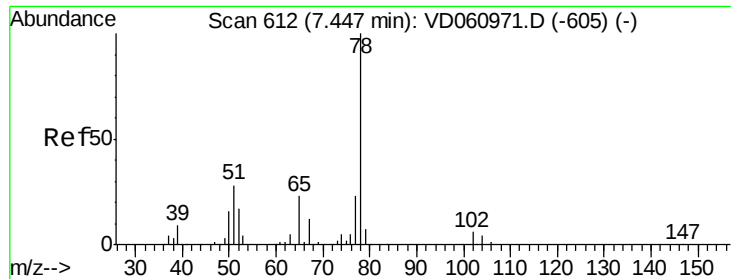
99 63.4 53.2 79.8

61 39.5 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

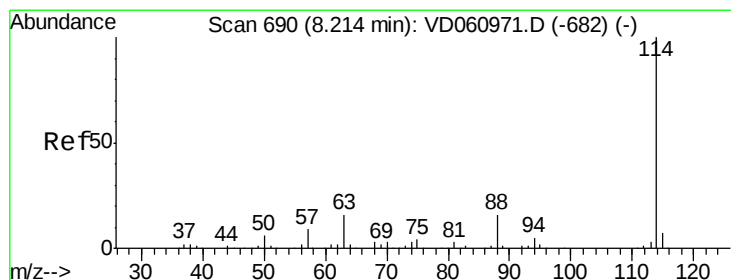
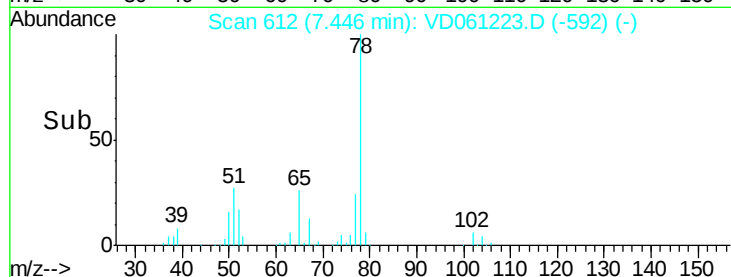
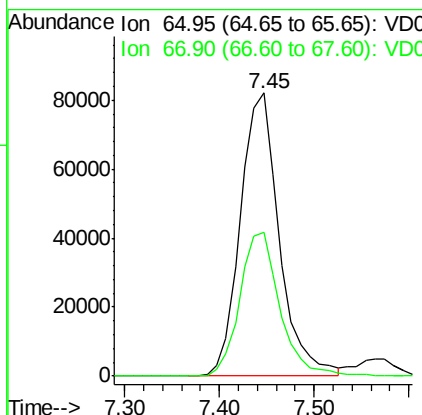
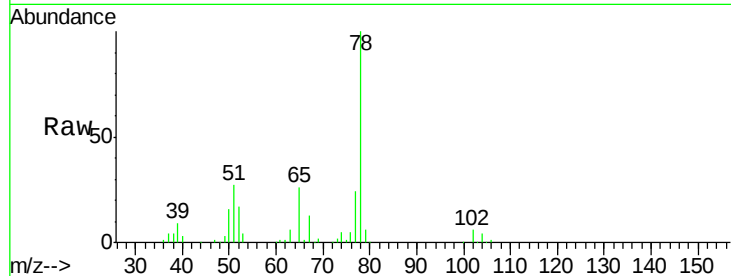




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.846 ug/l  
 RT: 7.45 min Scan# 612  
 Delta R.T. -0.00 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

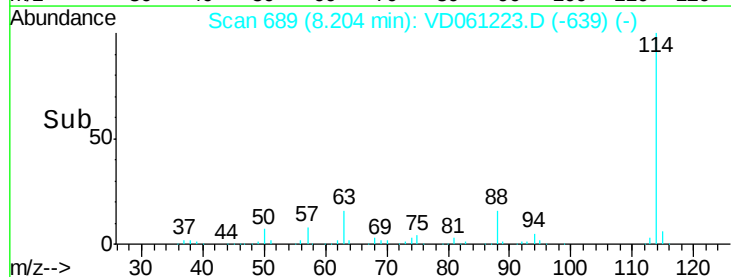
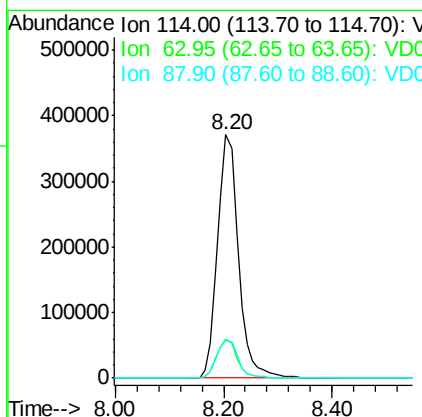
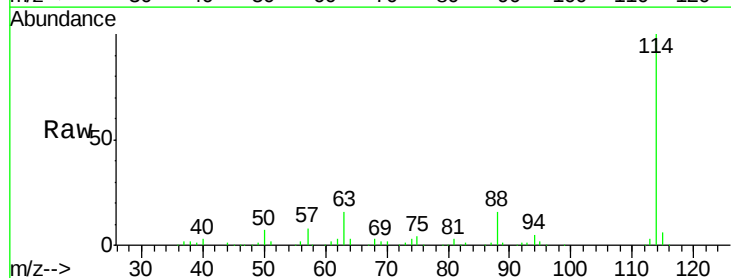
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

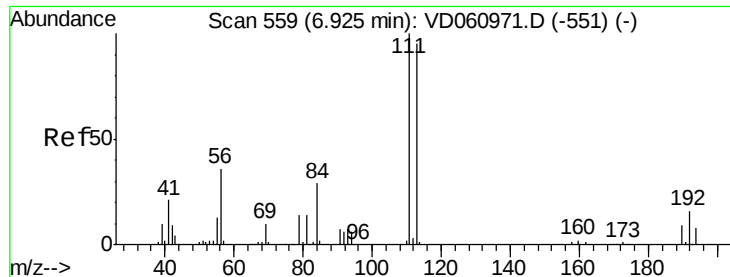
Tot Ion: 65 Resp: 234146  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 105.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.20 min Scan# 689  
 Delta R.T. -0.01 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

Tgt Ion: 114 Resp: 998103  
 Ion Ratio Lower Upper  
 114 100  
 63 15.9 0.0 31.4  
 88 15.6 0.0 33.0

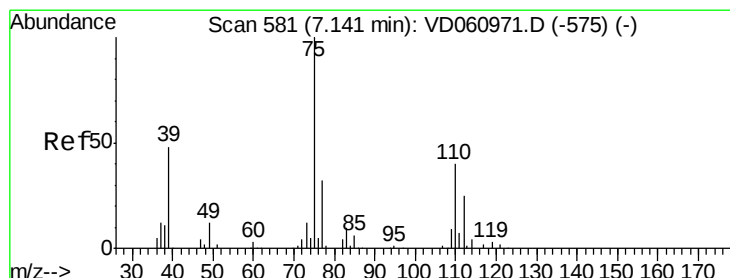
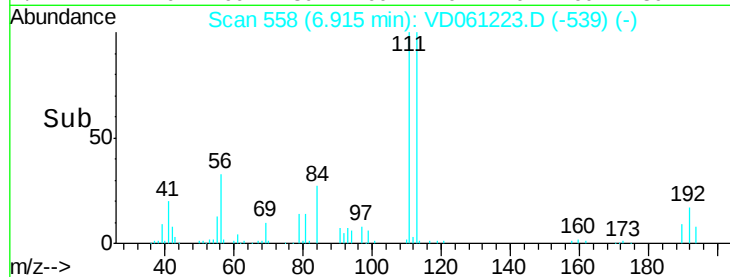
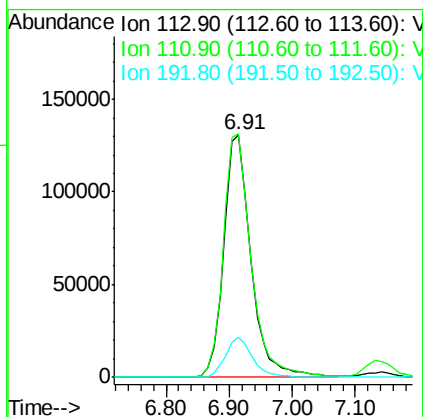
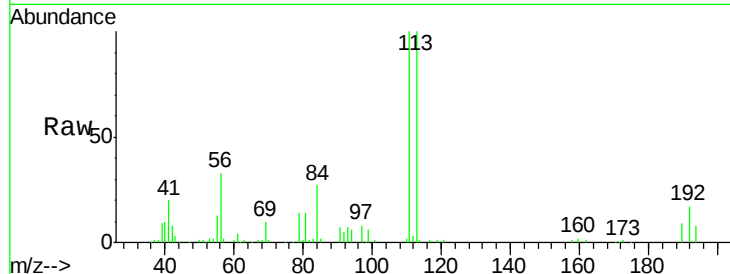




#35  
Dibromofluoromethane  
Concen: 50.000 ug/l  
RT: 6.91 min Scan# 558  
Delta R.T. -0.01 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

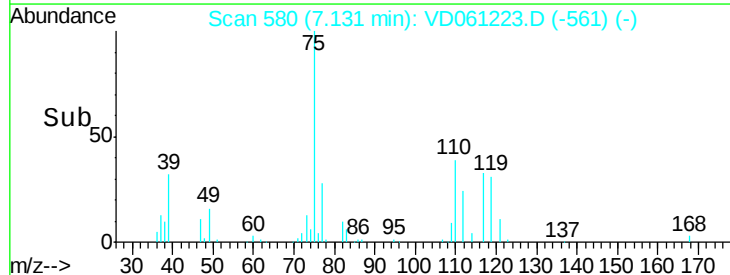
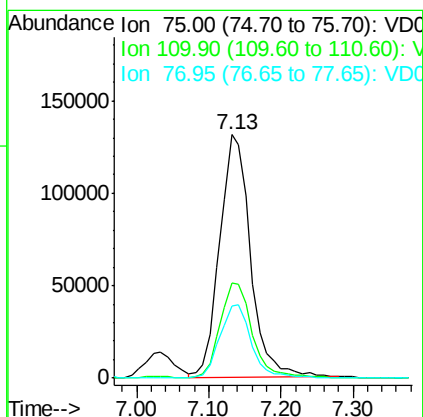
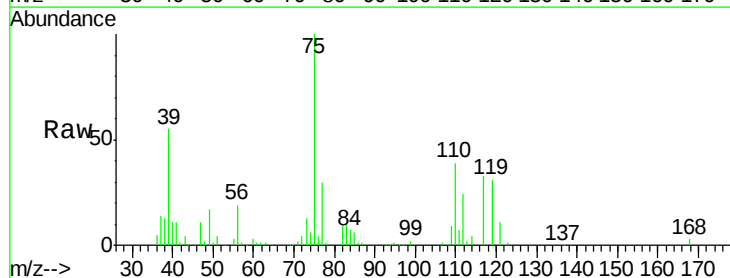
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

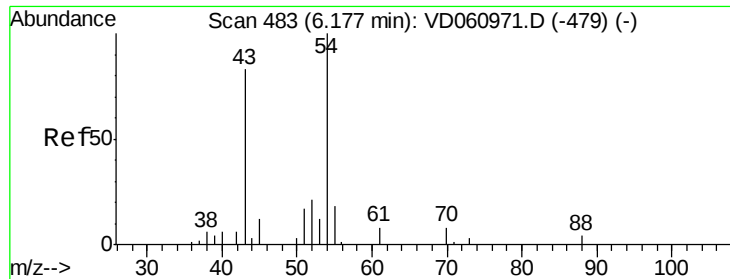
Tot Ion:113 Resp: 391356  
Ion Ratio Lower Upper  
113 100  
111 100.5 84.2 126.4  
192 16.6 13.1 19.7



#36  
1,1-Dichloropropene  
Concen: 45.136 ug/l  
RT: 7.13 min Scan# 580  
Delta R.T. -0.01 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion: 75 Resp: 388329  
Ion Ratio Lower Upper  
75 100  
110 38.8 19.7 59.1  
77 29.5 24.7 37.1

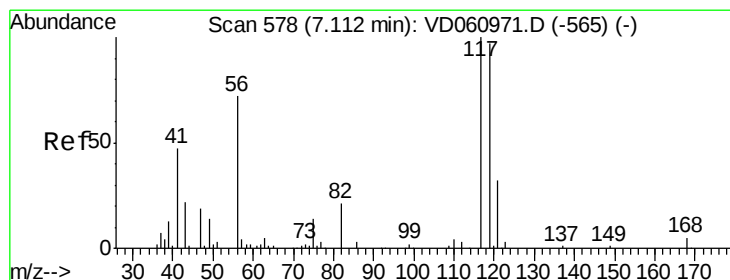
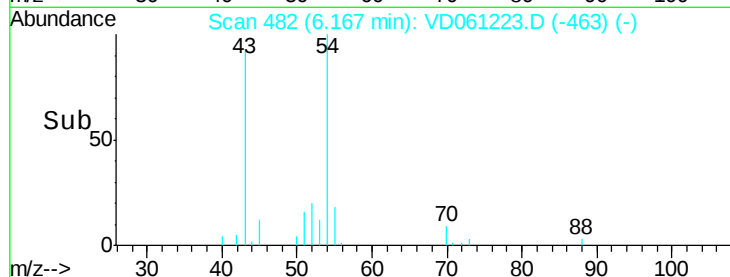
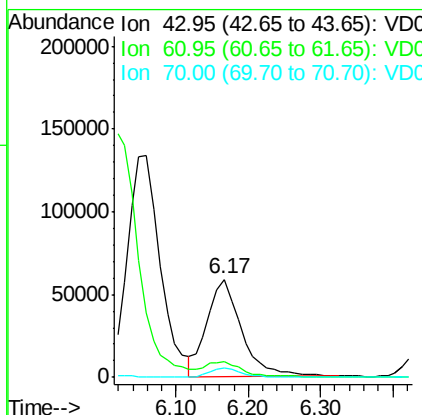
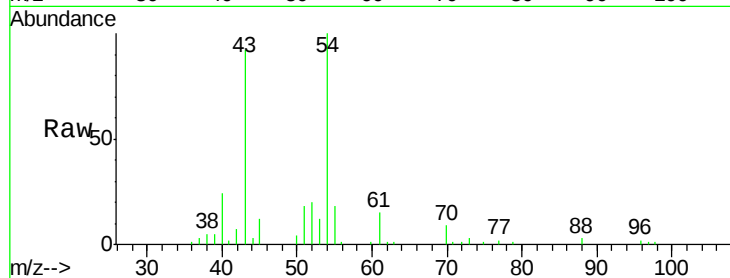




#37  
Ethyl Acetate  
Concen: 47.930 ug/l  
RT: 6.17 min Scan# 482  
Delta R.T. -0.01 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

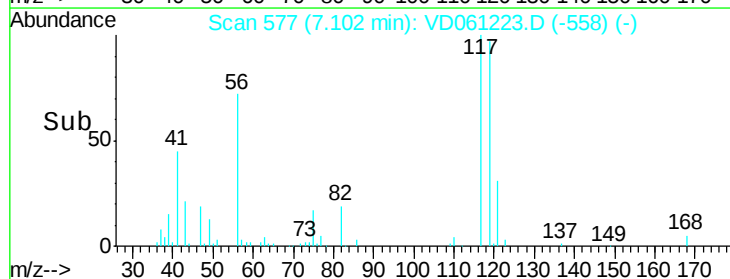
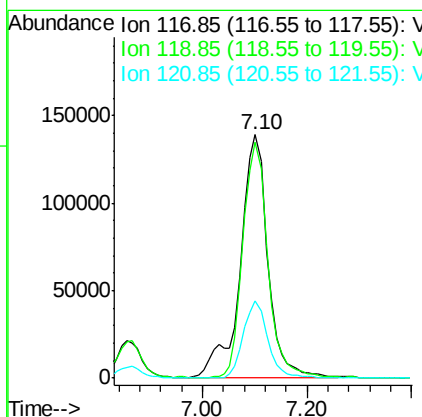
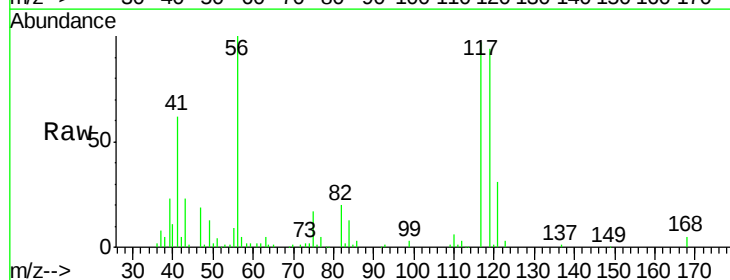
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 193507  
Ion Ratio Lower Upper  
43 100  
61 16.7 13.7 20.5  
70 9.7 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 52.391 ug/l  
RT: 7.10 min Scan# 577  
Delta R.T. -0.01 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion: 117 Resp: 496515  
Ion Ratio Lower Upper  
117 100  
119 97.1 77.8 116.8  
121 31.5 25.3 37.9





#39

Methvlcvclohexane

Concen: 46.485 ug/l

RT: 8.85 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

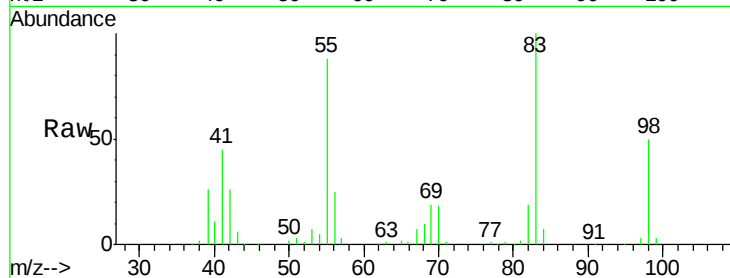
Tot Ion: 83 Resp: 414703

Ion Ratio Lower Upper

83 100

55 87.6 69.6 104.4

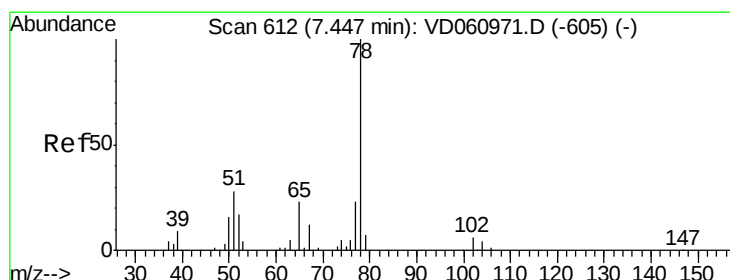
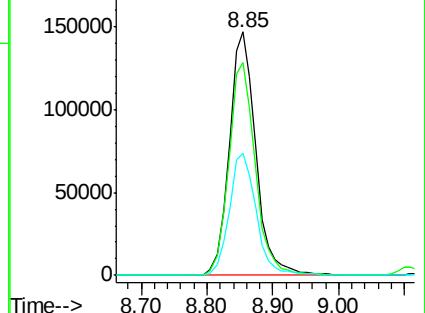
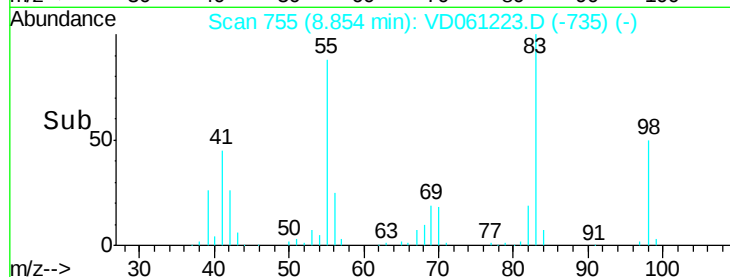
98 50.3 40.0 60.0



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: 45.237 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061223.D

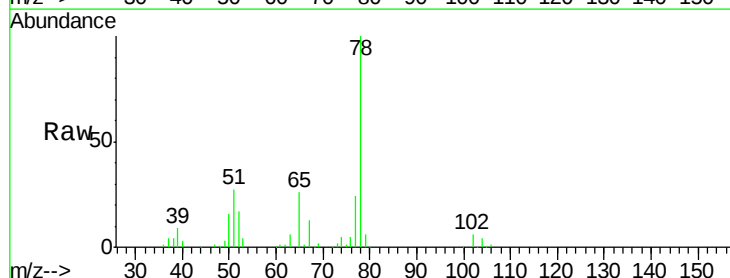
Acq: 20 Mar 2019 23:34

Tgt Ion: 78 Resp: 972500

Ion Ratio Lower Upper

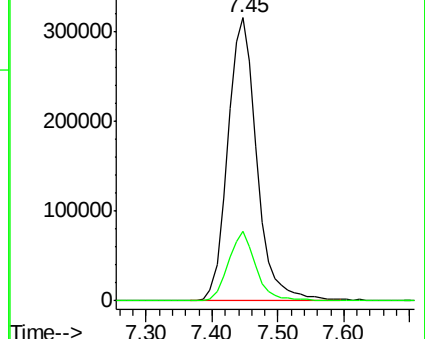
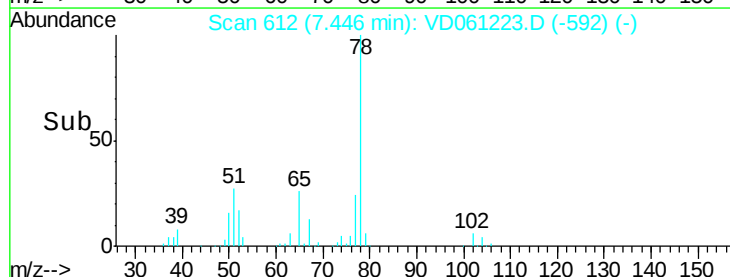
78 100

77 24.4 18.8 28.2



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

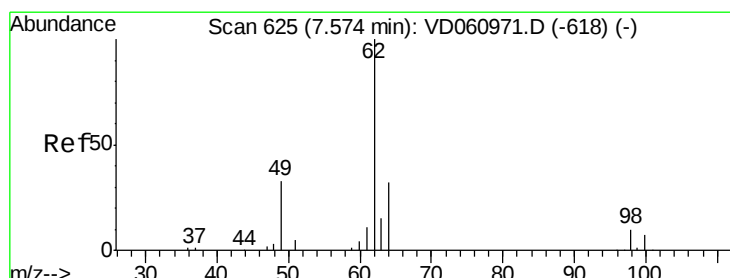
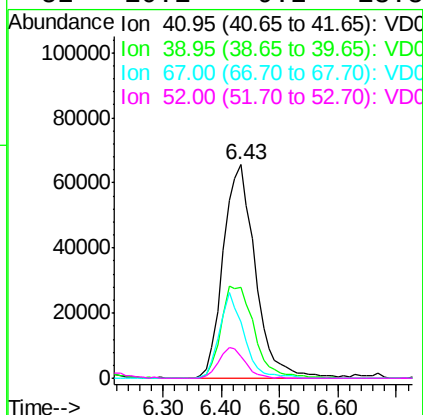
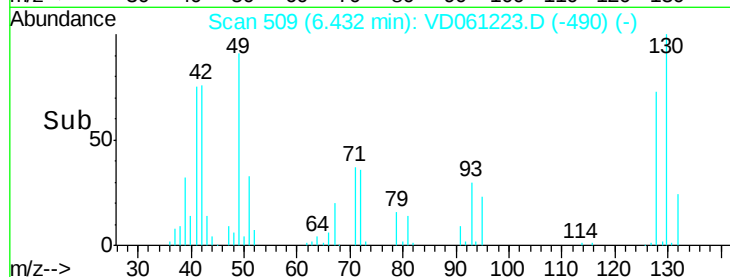
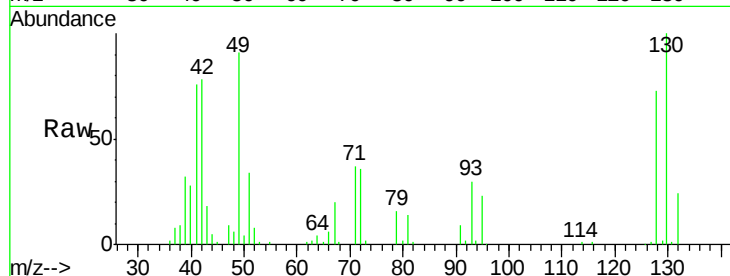




#41  
Methacrylonitrile  
Concen: 54.137 ug/l  
RT: 6.43 min Scan# 509  
Delta R.T. -0.01 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

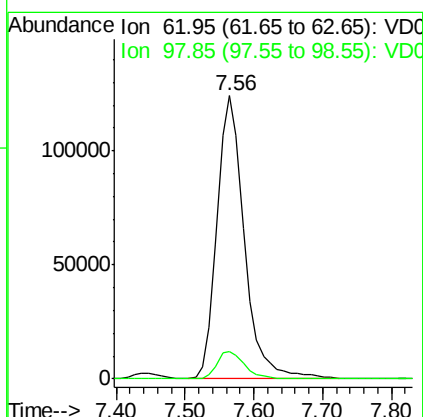
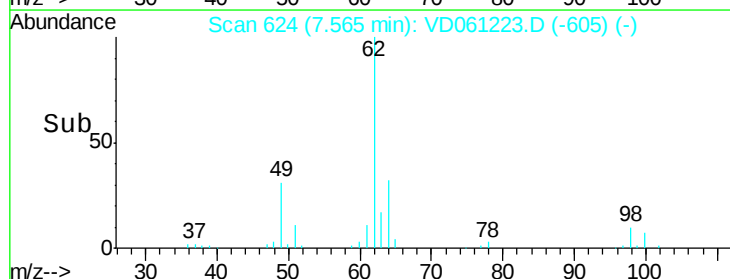
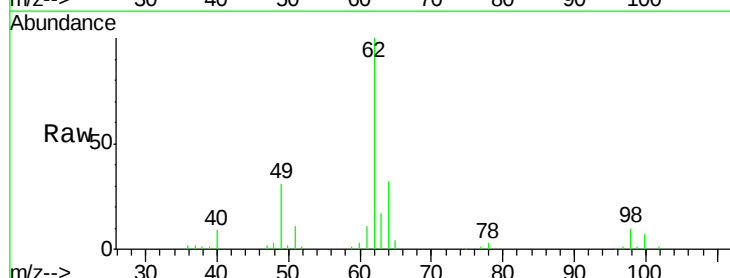
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

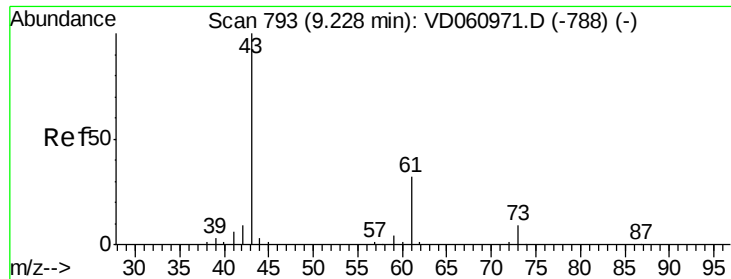
Tot Ion: 41 Resp: 251404  
Ion Ratio Lower Upper  
41 100  
39 42.8 35.7 53.5  
67 26.6 23.0 34.6  
52 10.1 9.2 13.8



#42  
1,2-Dichloroethane  
Concen: 54.801 ug/l  
RT: 7.56 min Scan# 624  
Delta R.T. -0.01 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion: 62 Resp: 341882  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 20.4





#43

Isopropyl Acetate

Concen: 52.115 ug/l

RT: 9.23 min Scan# 793

Delta R.T. -0.00 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

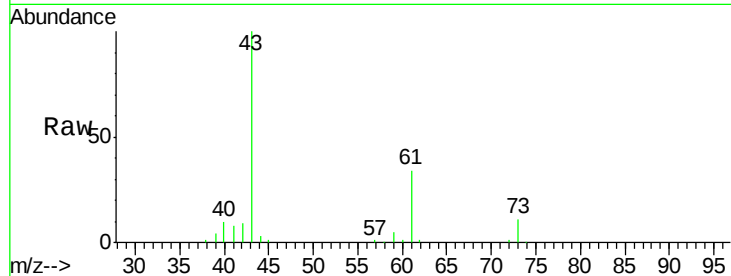
Tot Ion: 43 Resp: 291417

Ion Ratio Lower Upper

43 100

61 34.2 25.6 38.4

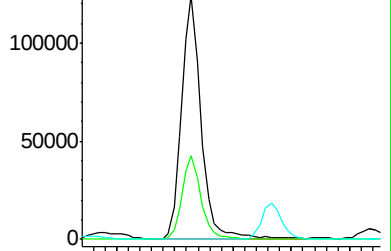
87 0.0 0.2 0.4#



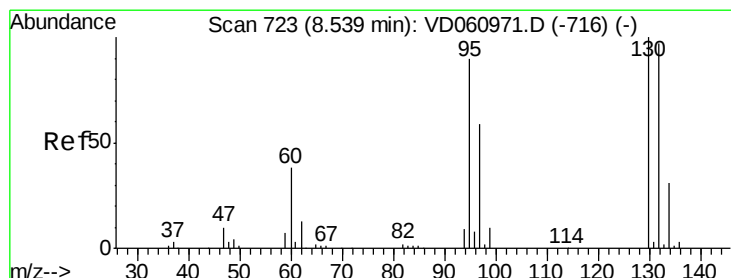
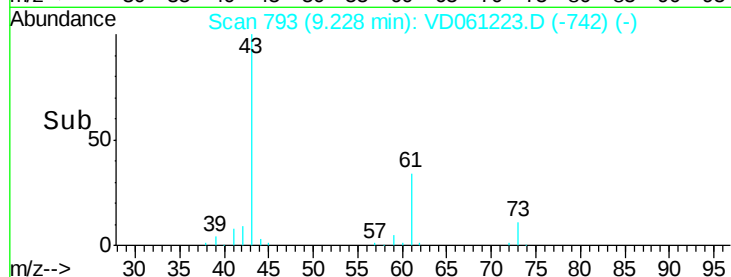
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



Time-->



#44

Trichloroethene

Concen: 53.342 ug/l

RT: 8.53 min Scan# 722

Delta R.T. -0.01 min

Lab File: VD061223.D

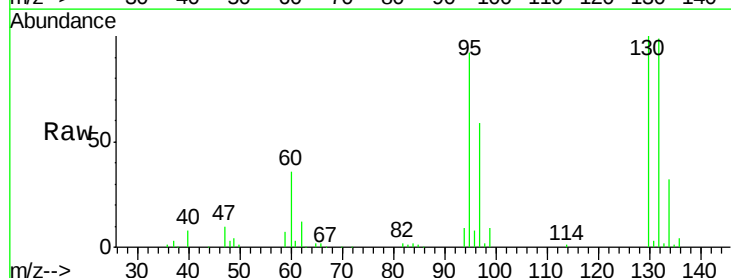
Acq: 20 Mar 2019 23:34

Tgt Ion:130 Resp: 395620

Ion Ratio Lower Upper

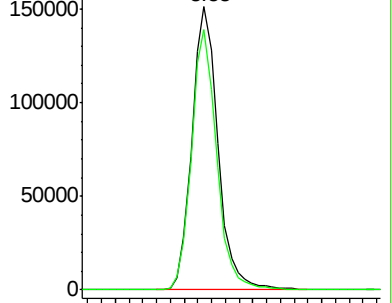
130 100

95 92.1 0.0 179.4

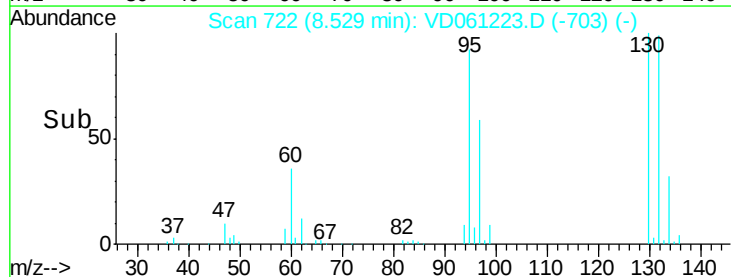


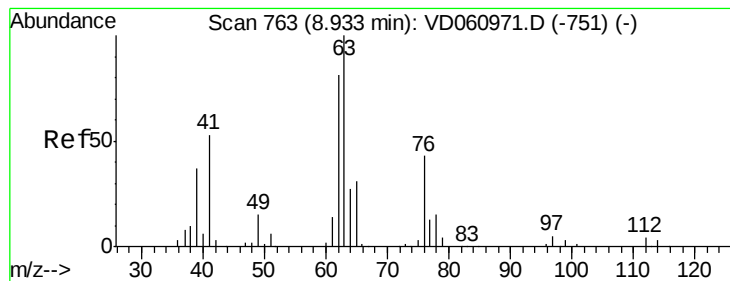
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



Time-->





#45

1,2-Dichloropropane

Concen: 50.445 ug/l

RT: 8.92 min Scan# 762

Delta R.T. -0.01 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

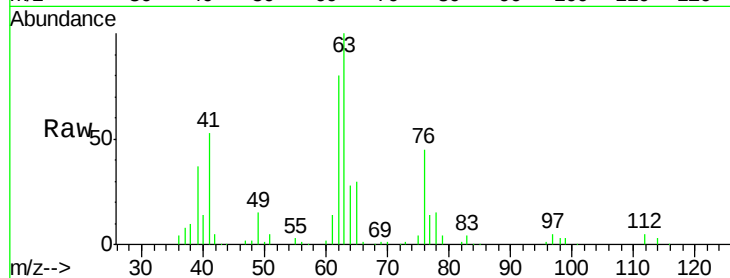
VSTDCCC050

Tot Ion: 63 Resp: 284912

Ion Ratio Lower Upper

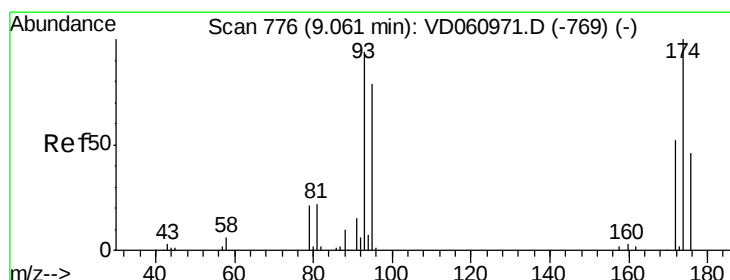
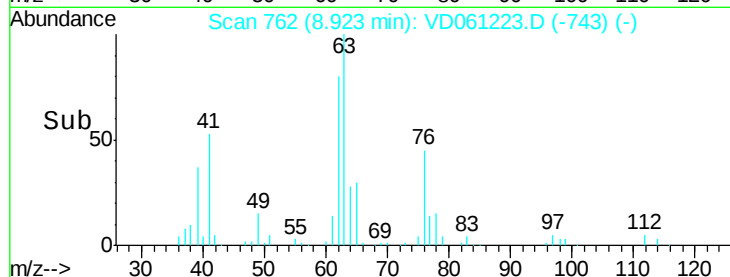
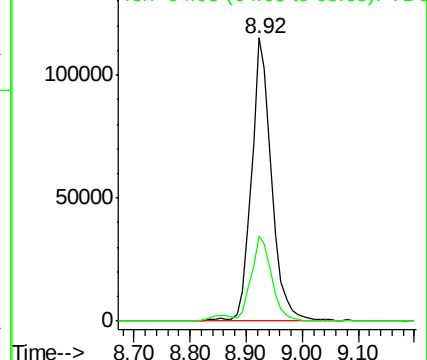
63 100

65 29.9 24.8 37.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 53.274 ug/l

RT: 9.05 min Scan# 775

Delta R.T. -0.01 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

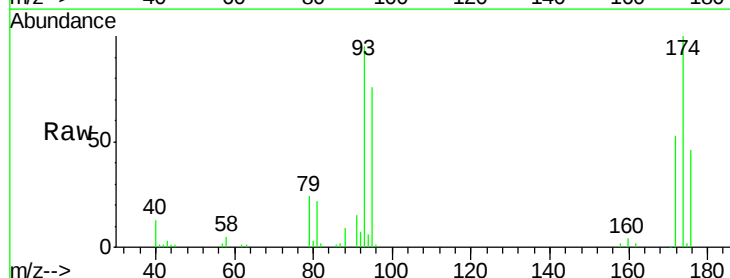
Tgt Ion: 93 Resp: 190862

Ion Ratio Lower Upper

93 100

95 80.3 67.4 101.0

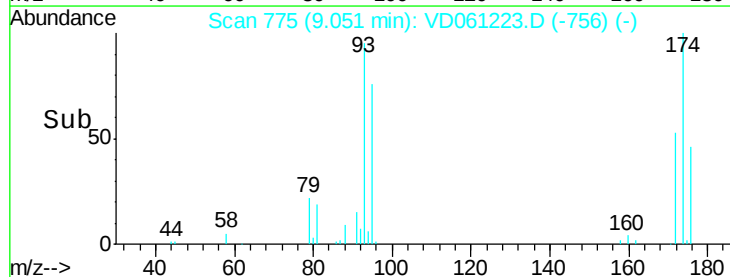
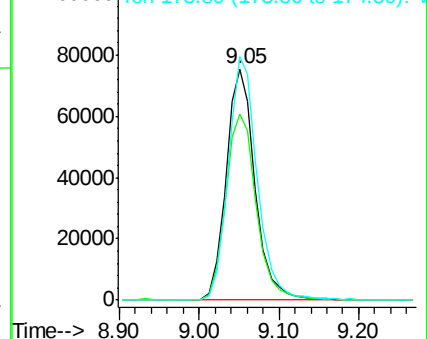
174 105.2 85.4 128.0

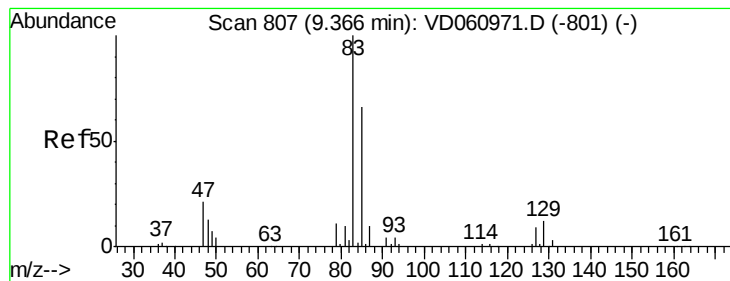


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 53.431 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

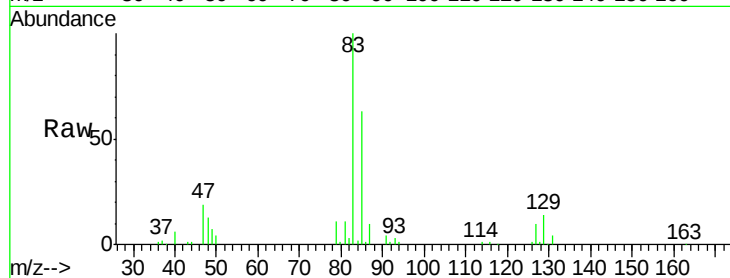
Tot Ion: 83 Resp: 431973

Ion Ratio Lower Upper

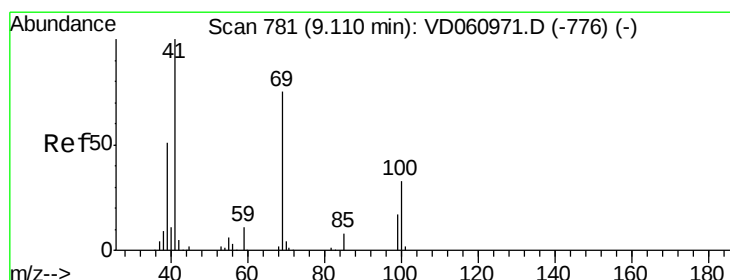
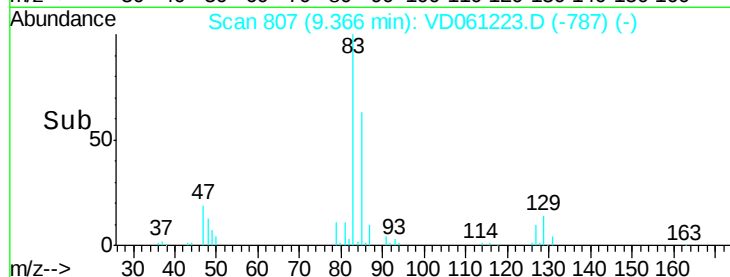
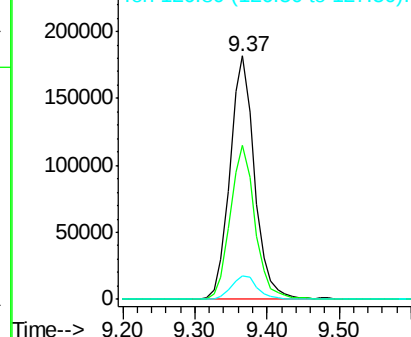
83 100

85 63.4 52.5 78.7

127 9.6 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: 55.213 ug/l

RT: 9.11 min Scan# 781

Delta R.T. -0.00 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

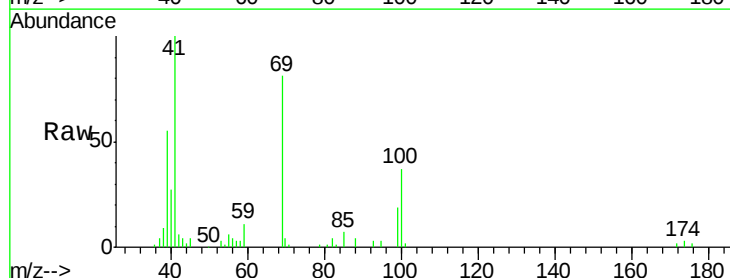
Tgt Ion: 41 Resp: 173832

Ion Ratio Lower Upper

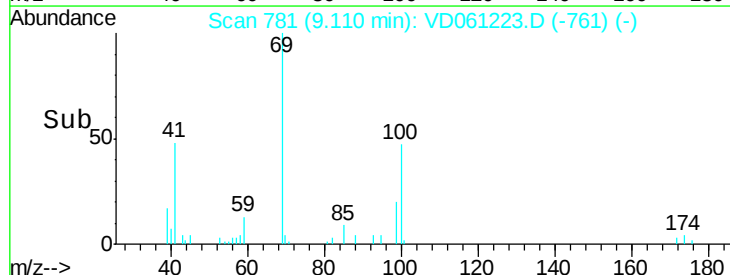
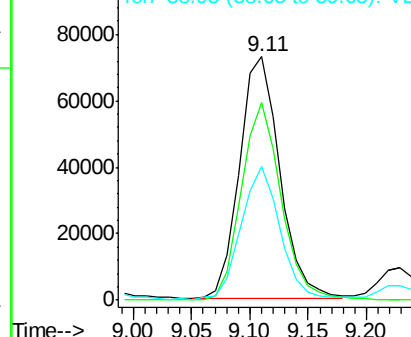
41 100

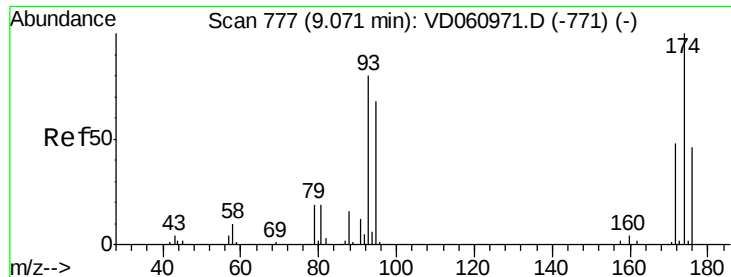
69 80.9 59.9 89.9

39 54.9 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

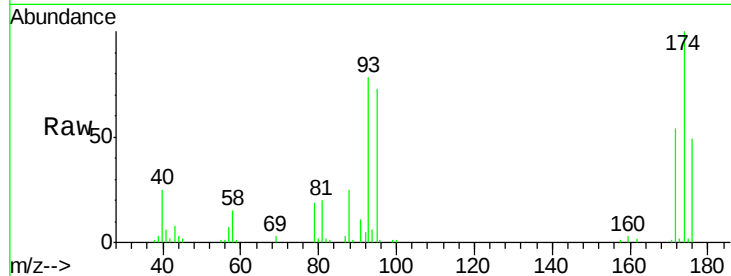




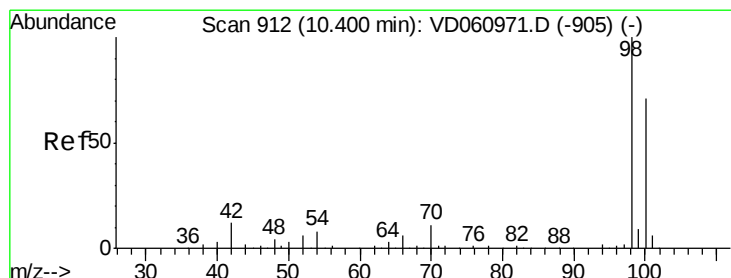
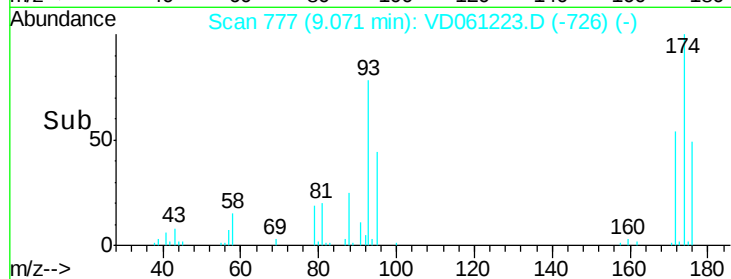
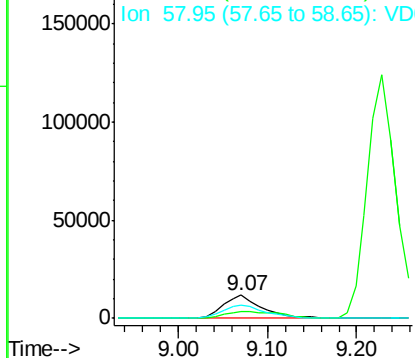
#49  
1,4-Dioxane  
Concen: 1088.545 ug/l  
RT: 9.07 min Scan# 777  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 88 Resp: 34655  
Ion Ratio Lower Upper  
88 100  
43 32.3 21.0 31.6#  
58 58.5 48.6 72.8

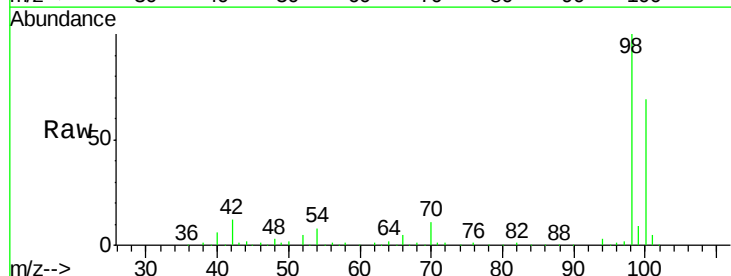


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

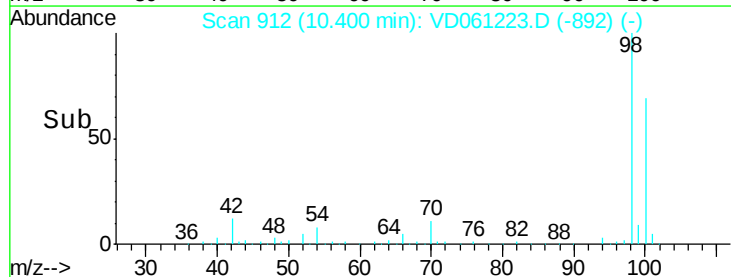
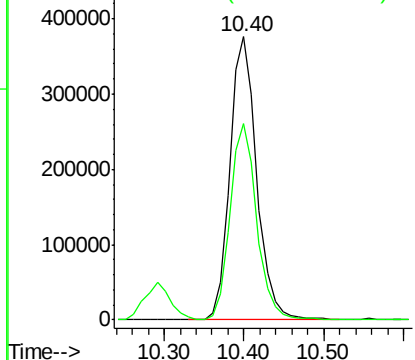


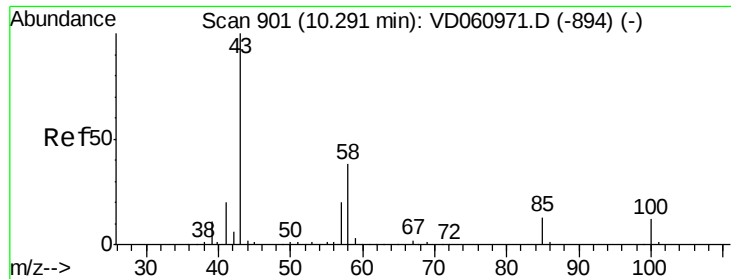
#50  
Toluene-d8  
Concen: 1088.545 ug/l  
RT: 10.40 min Scan# 912  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion: 98 Resp: 882385  
Ion Ratio Lower Upper  
98 100  
100 69.2 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: 259.155 ug/l

RT: 10.29 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

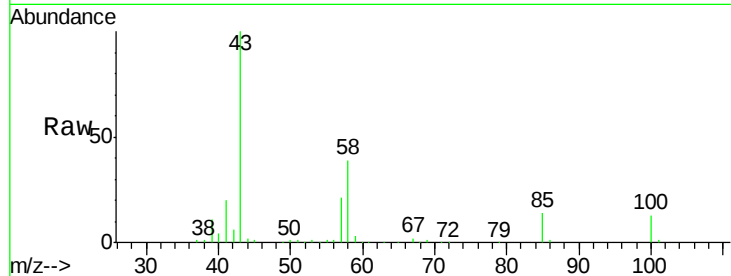
VSTDCCC050

Tot Ion: 43 Resp: 887789

Ion Ratio Lower Upper

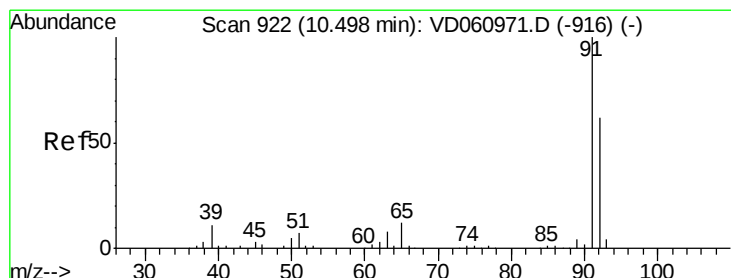
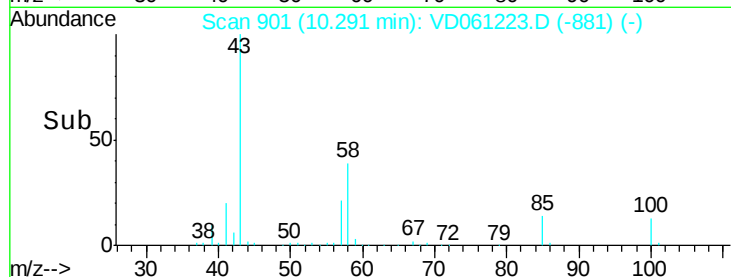
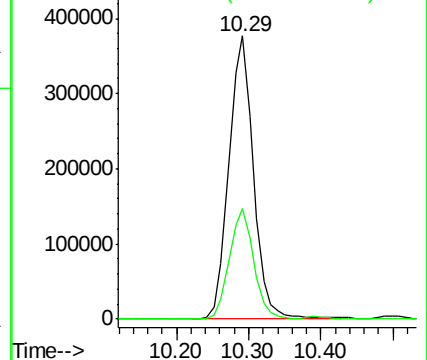
43 100

58 39.2 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: 47.179 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: VD061223.D

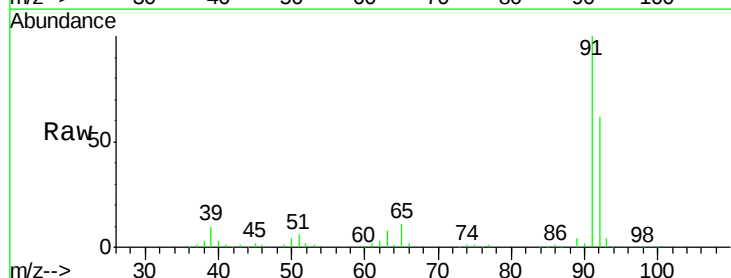
Acq: 20 Mar 2019 23:34

Tgt Ion: 92 Resp: 630708

Ion Ratio Lower Upper

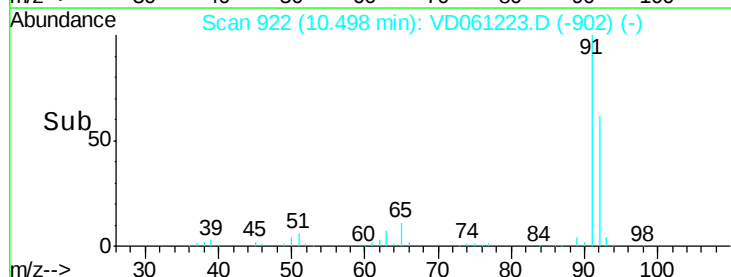
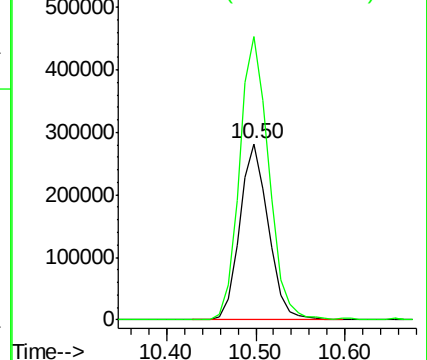
92 100

91 160.9 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

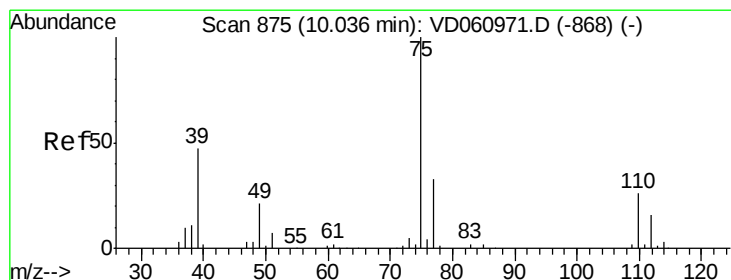
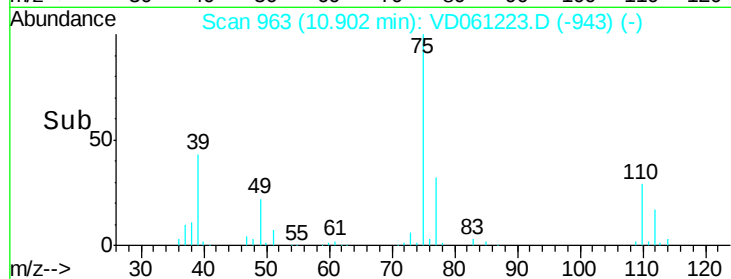
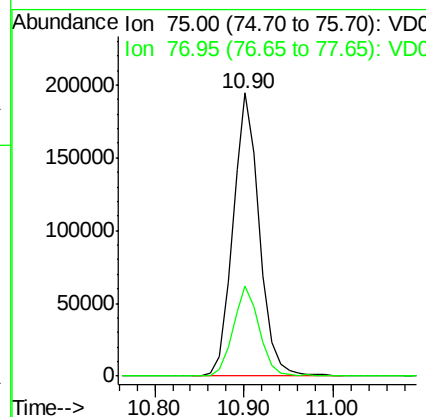
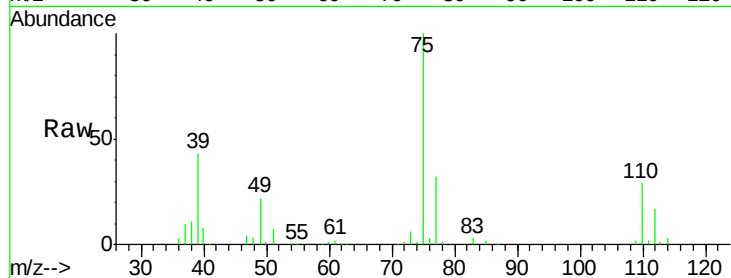




#53  
t-1,3-Dichloropropene  
Concen: 54.359 ug/l  
RT: 10.90 min Scan# 963  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

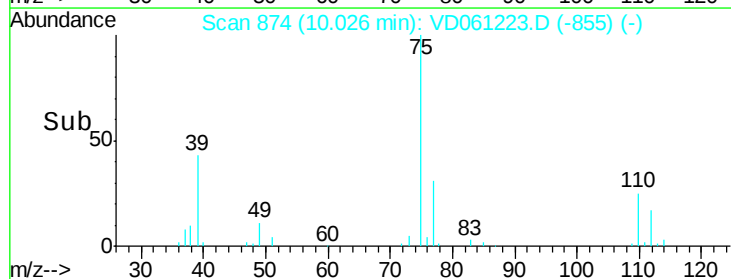
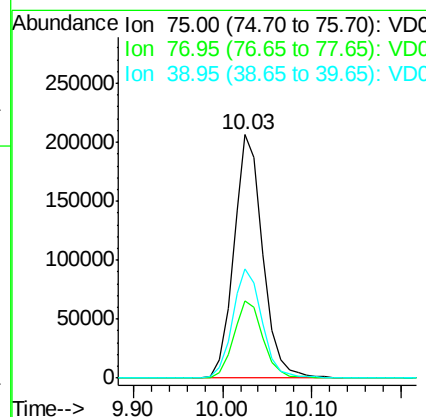
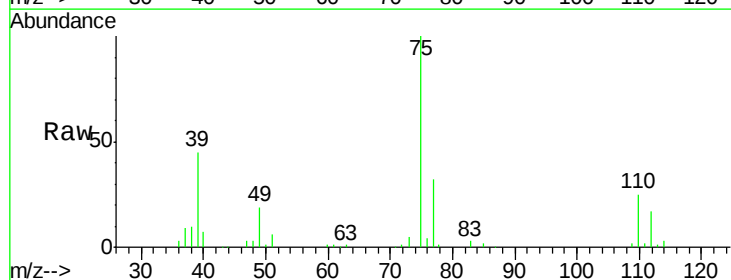
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 401850  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.7 37.1



#54  
cis-1,3-Dichloropropene  
Concen: 52.603 ug/l  
RT: 10.03 min Scan# 874  
Delta R.T. -0.01 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion: 75 Resp: 467230  
Ion Ratio Lower Upper  
75 100  
77 31.6 26.2 39.4  
39 45.0 37.8 56.8



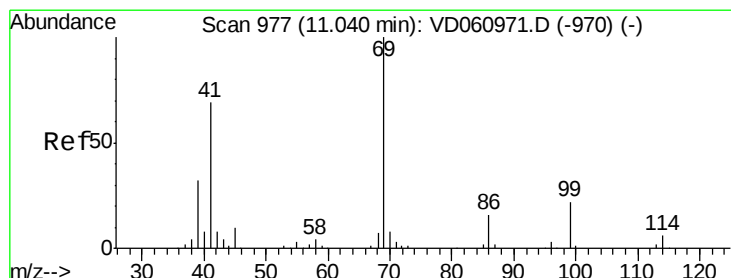
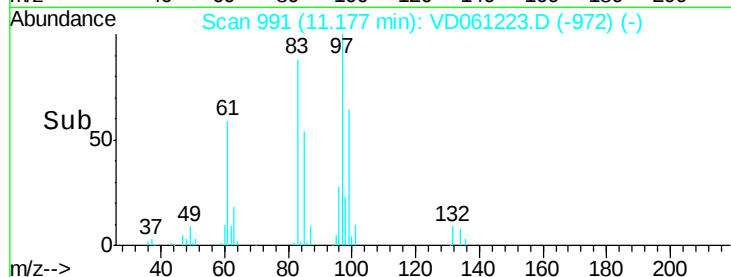
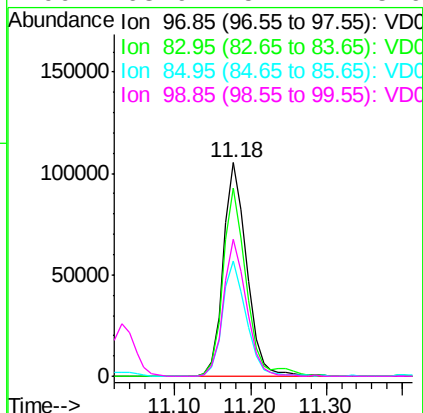
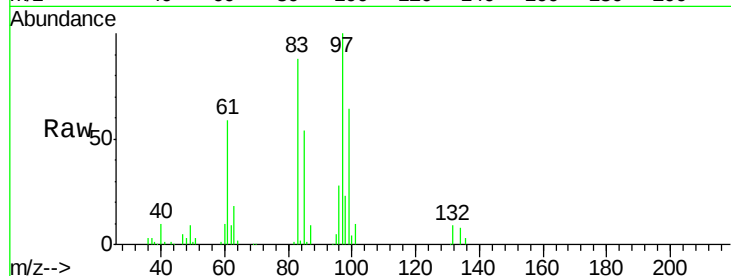


#55  
 1,1,2-Trichloroethane  
 Concen: 50.771 ug/l  
 RT: 11.18 min Scan# 991  
 Delta R.T. -0.01 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 97 Resp: 226029

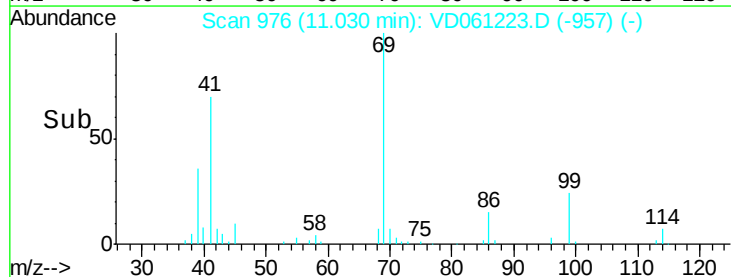
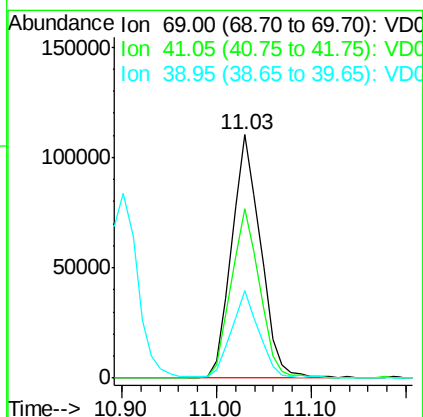
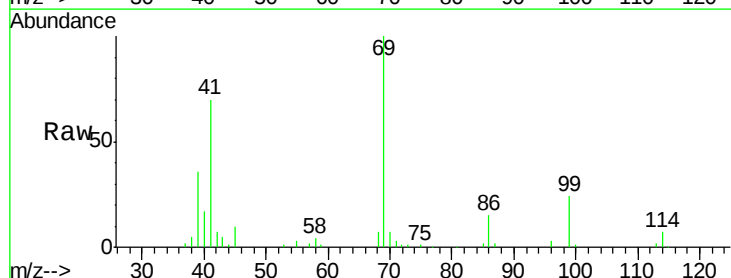
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.1  | 66.6  | 100.0 |
| 85  | 54.2  | 46.4  | 69.6  |
| 99  | 63.9  | 52.4  | 78.6  |

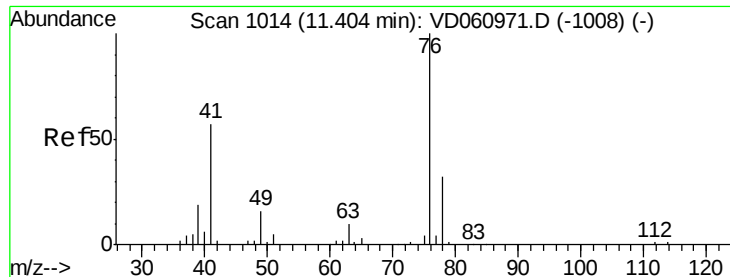


#56  
 Ethyl methacrylate  
 Concen: 50.278 ug/l  
 RT: 11.03 min Scan# 976  
 Delta R.T. -0.01 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

Tgt Ion: 69 Resp: 234288

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 69.6  | 55.5  | 83.3  |
| 39  | 36.1  | 26.2  | 39.2  |

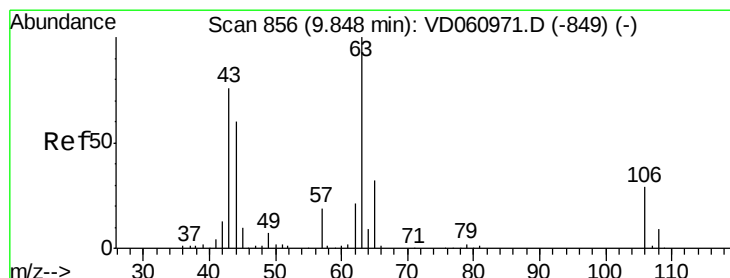
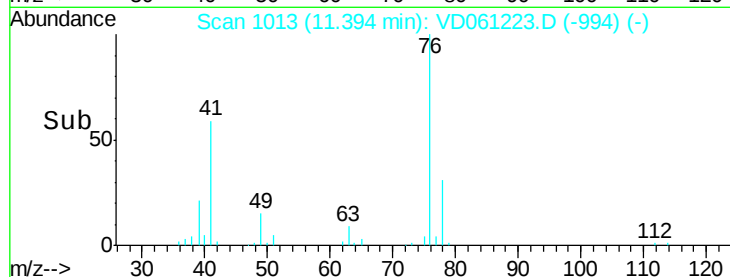
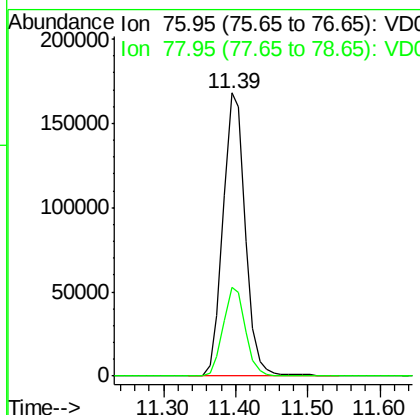
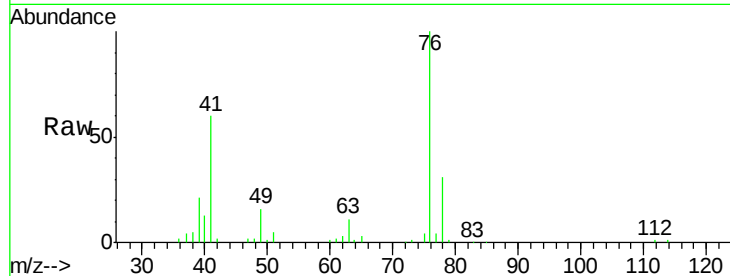




#57  
 1,3-Dichloropropane  
 Concen: 53.949 ug/l  
 RT: 11.39 min Scan# 1013  
 Delta R.T. -0.01 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

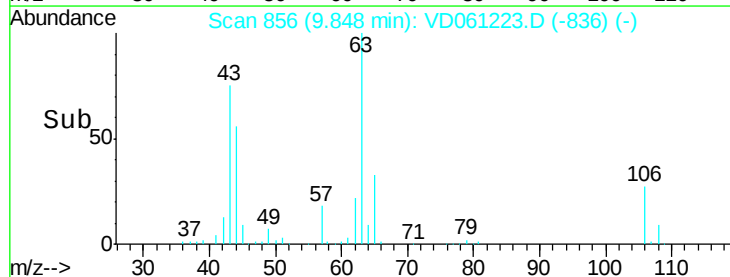
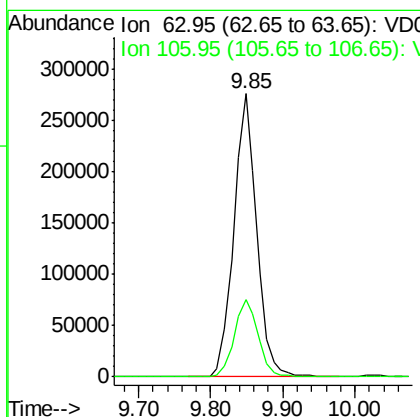
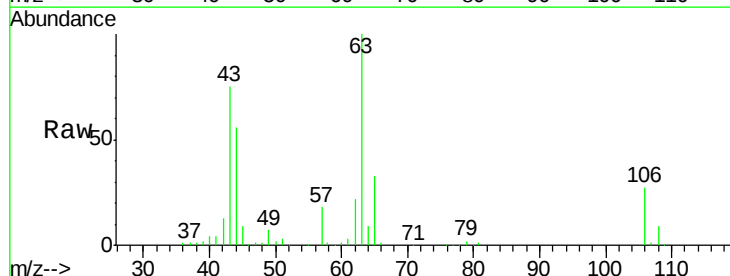
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

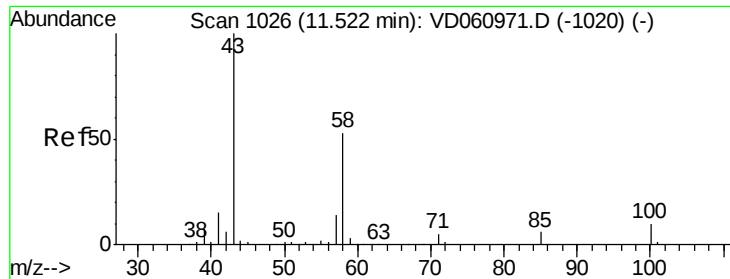
Tot Ion: 76 Resp: 358920  
 Ion Ratio Lower Upper  
 76 100  
 78 31.4 25.4 38.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 247.332 ug/l  
 RT: 9.85 min Scan# 856  
 Delta R.T. -0.00 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

Tgt Ion: 63 Resp: 610064  
 Ion Ratio Lower Upper  
 63 100  
 106 27.2 22.8 34.2

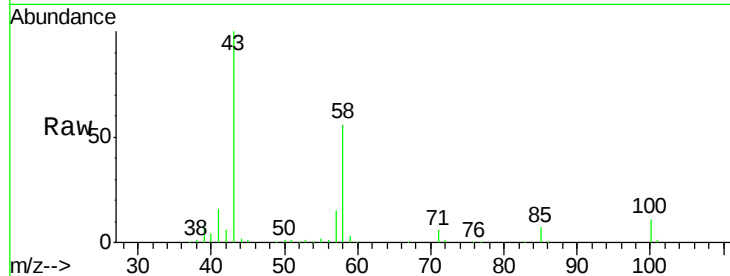




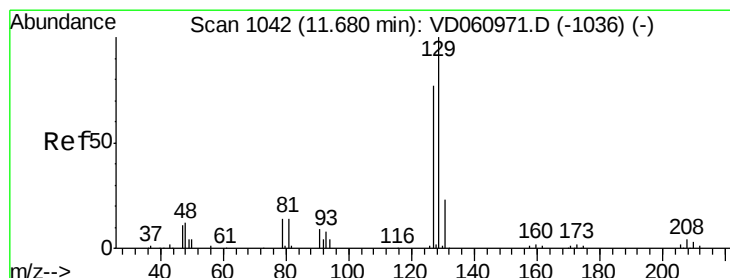
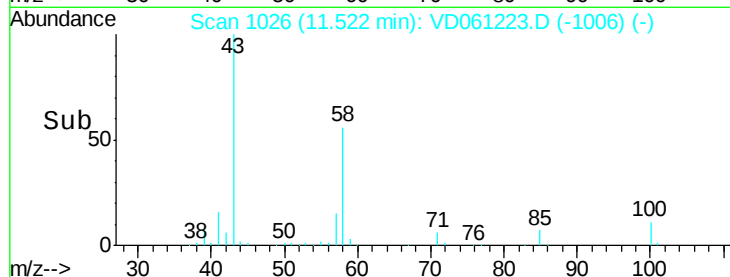
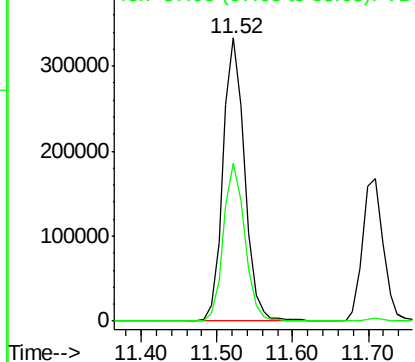
#59  
2-Hexanone  
Concen: 263.041 ug/l  
RT: 11.52 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 659151  
Ion Ratio Lower Upper  
43 100  
58 56.0 26.5 79.5

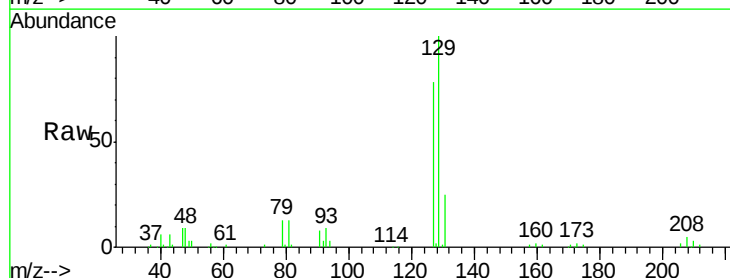


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

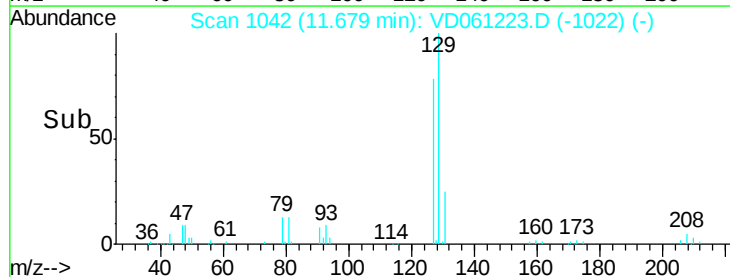
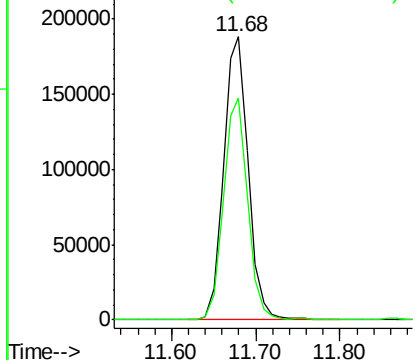


#60  
Dibromochloromethane  
Concen: 57.734 ug/l  
RT: 11.68 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion: 129 Resp: 378269  
Ion Ratio Lower Upper  
129 100  
127 78.4 38.3 114.9



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

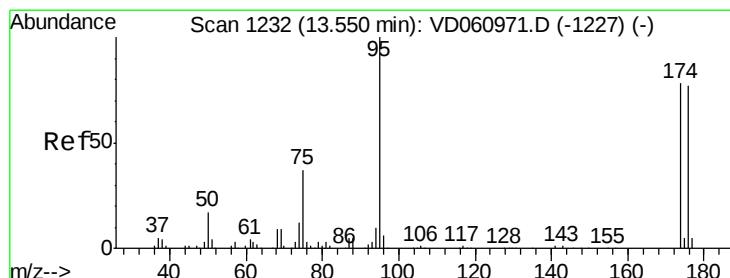
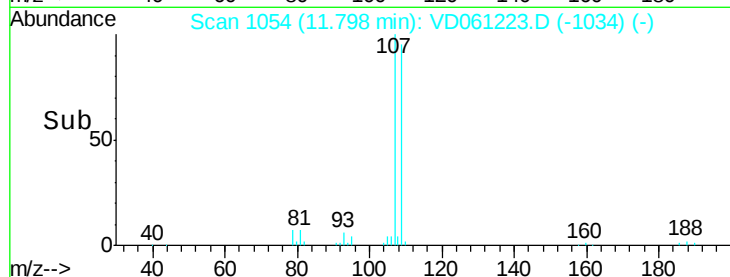
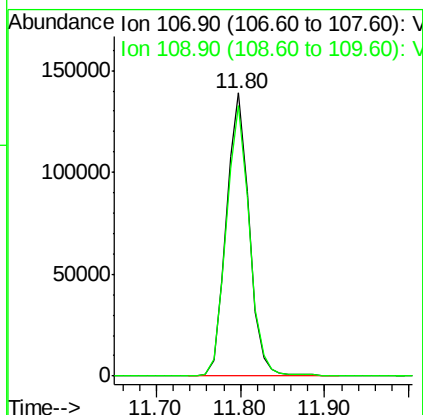
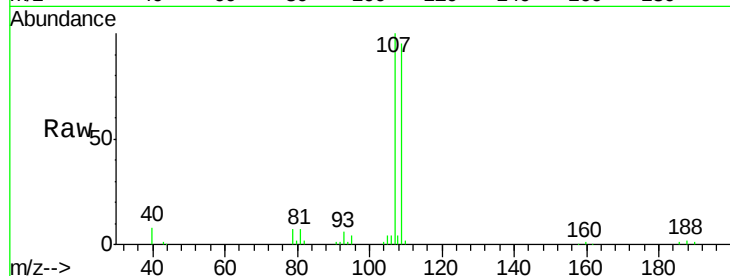




#61  
 1,2-Dibromoethane  
 Concen: 50.486 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. -0.00 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

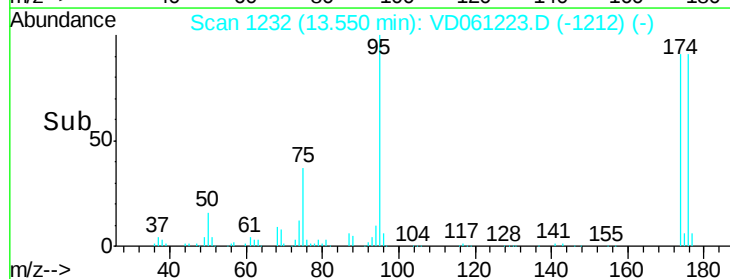
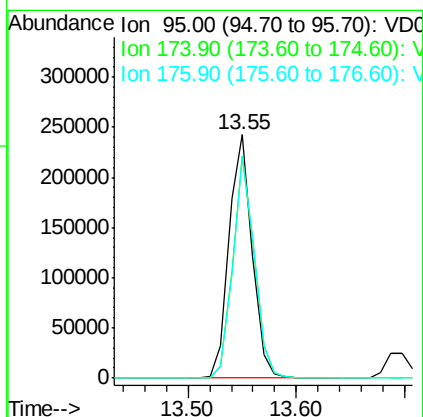
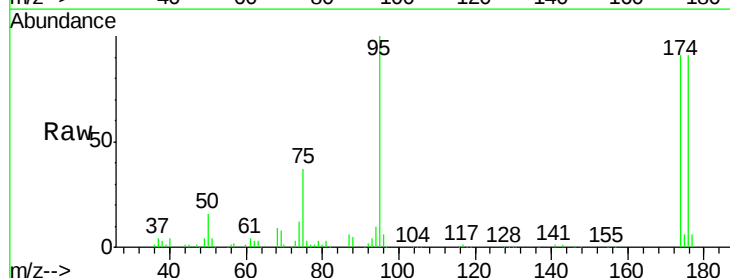
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

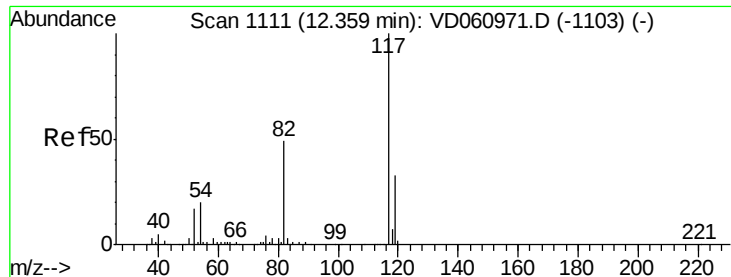
Tot Ion:107 Resp: 261460  
 Ion Ratio Lower Upper  
 107 100  
 109 95.5 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 50.486 ug/l  
 RT: 13.55 min Scan# 1232  
 Delta R.T. -0.00 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

Tgt Ion: 95 Resp: 358105  
 Ion Ratio Lower Upper  
 95 100  
 174 91.2 0.0 155.6  
 176 91.0 0.0 153.8

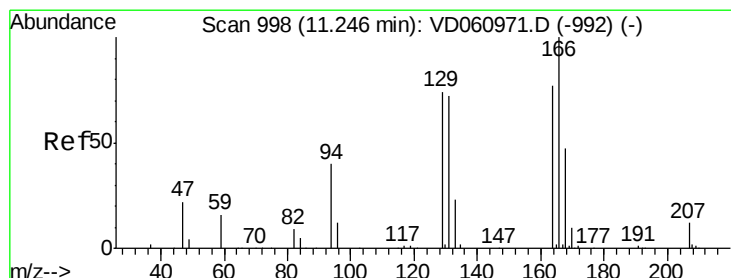
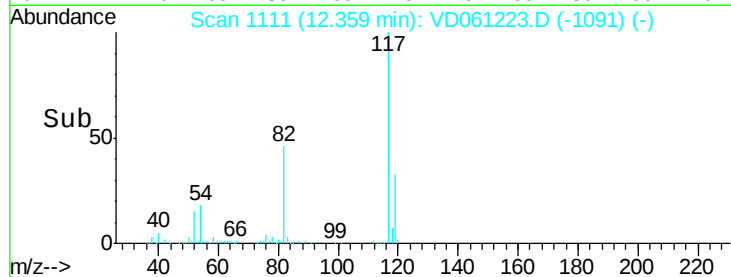
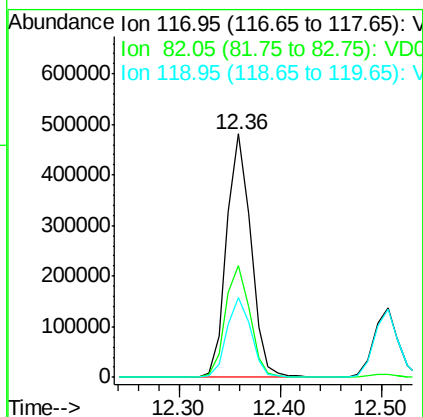
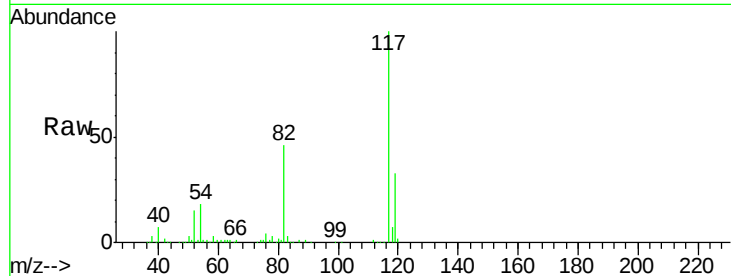




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

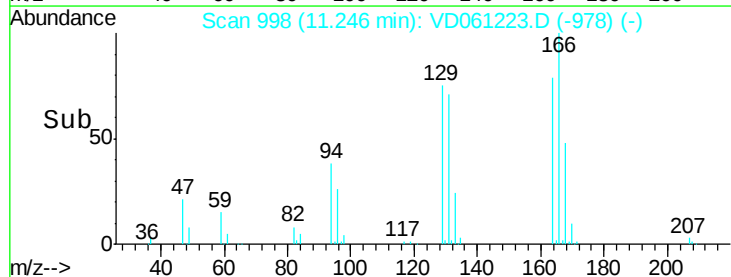
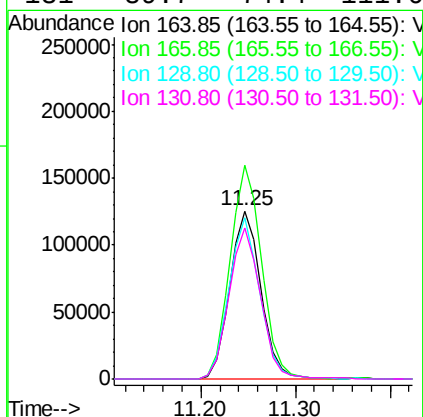
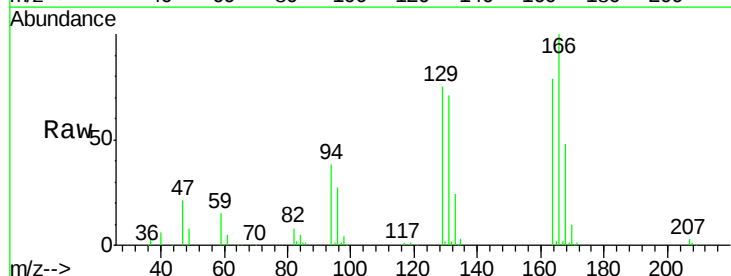
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

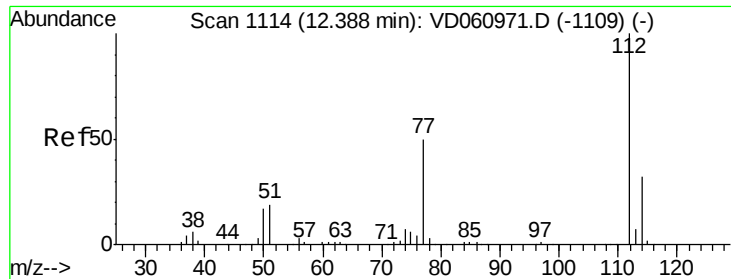
Tot Ion:117 Resp: 803856  
Ion Ratio Lower Upper  
117 100  
82 46.1 38.9 58.3  
119 32.9 26.6 39.8



#64  
Tetrachloroethene  
Concen: 52.422 ug/l  
RT: 11.25 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion:164 Resp: 284462  
Ion Ratio Lower Upper  
164 100  
166 127.0 103.4 155.0  
129 95.7 76.9 115.3  
131 89.7 74.4 111.6

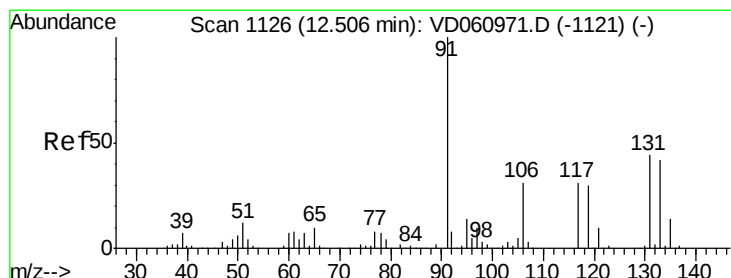
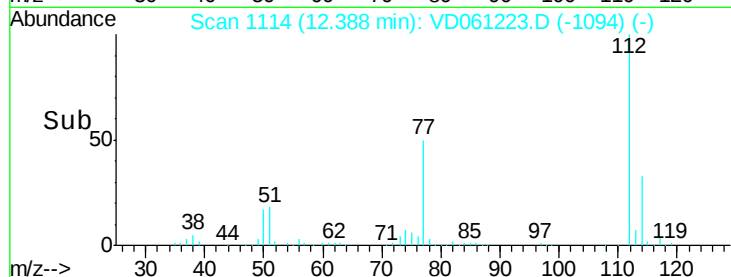
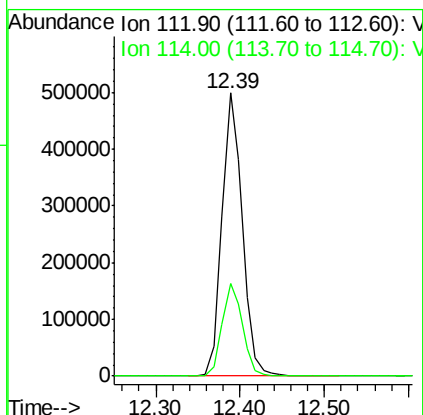
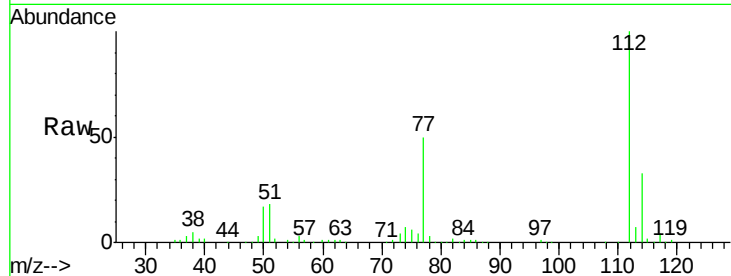




#65  
Chlorobenzene  
Concen: 53.025 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

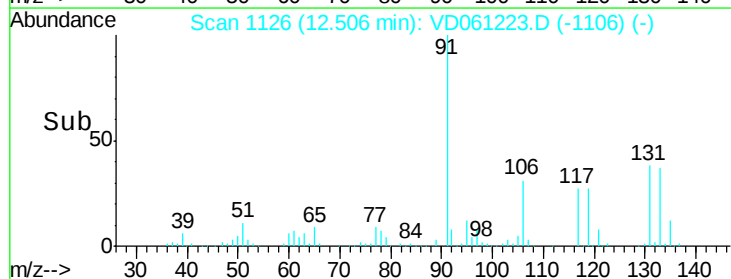
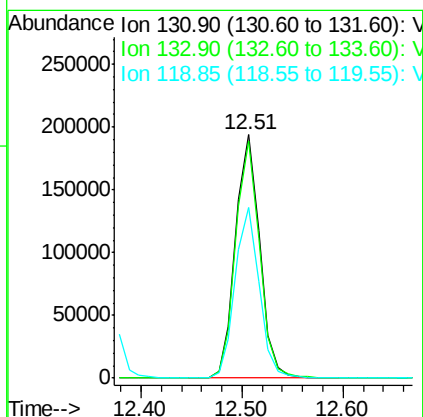
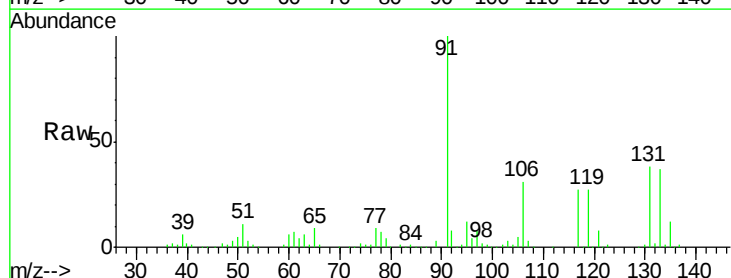
Instrument :  
MSVOA\_D  
ClientSampled :  
VSTDCCC050

Tot Ion:112 Resp: 835626  
Ion Ratio Lower Upper  
112 100  
114 32.6 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 57.723 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion:131 Resp: 324249  
Ion Ratio Lower Upper  
131 100  
133 97.7 47.8 143.3  
119 69.9 34.3 102.9

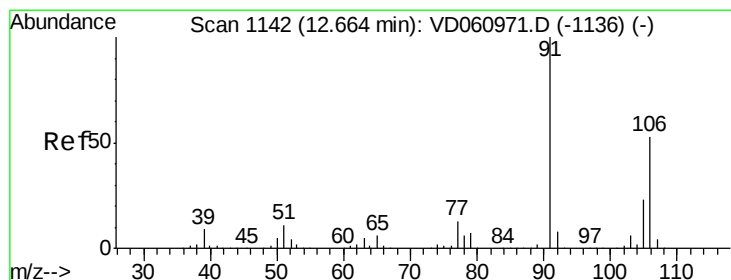
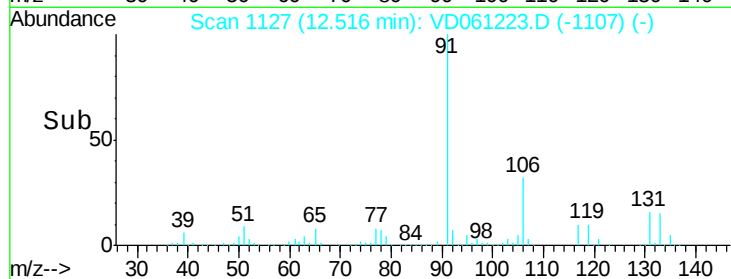
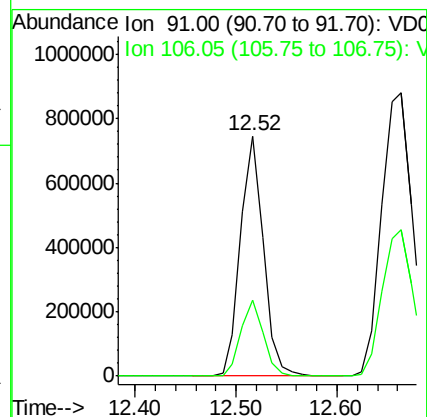
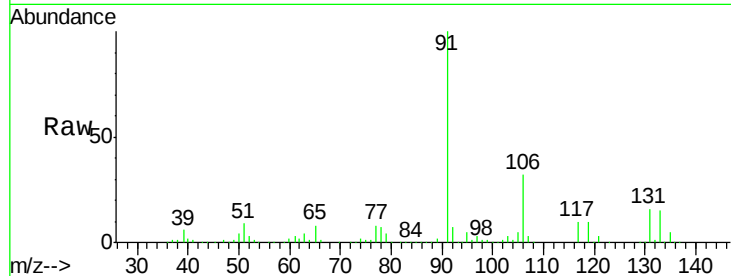




#67  
Ethyl Benzene  
Concen: 50.396 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

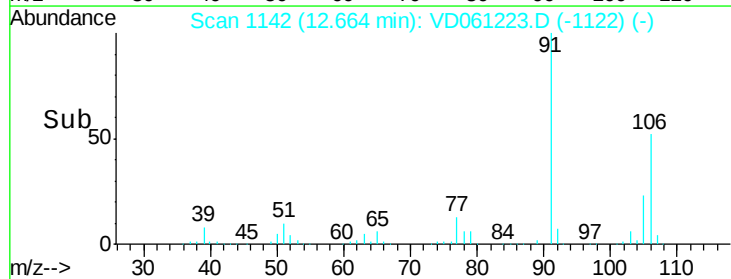
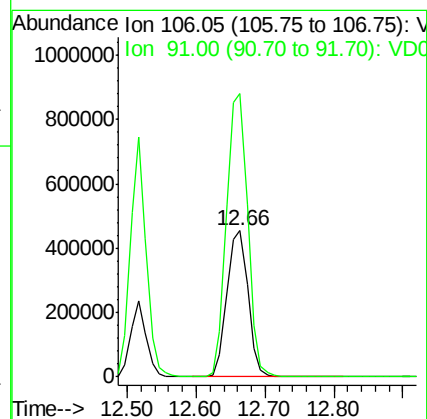
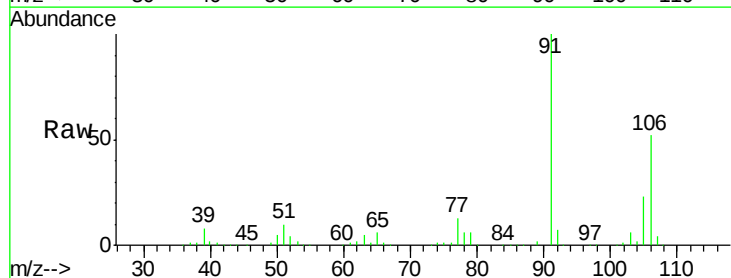
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

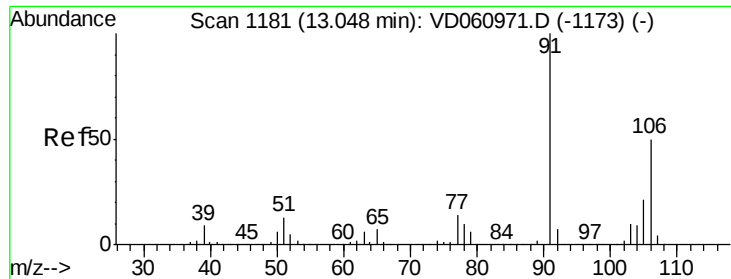
Tot Ion: 91 Resp: 1182343  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.7 38.5



#68  
m/p-Xylenes  
Concen: 104.615 ug/l  
RT: 12.66 min Scan# 1142  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion: 106 Resp: 963330  
Ion Ratio Lower Upper  
106 100  
91 193.8 152.0 228.0

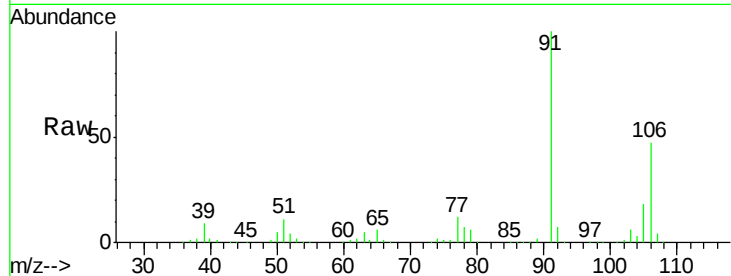




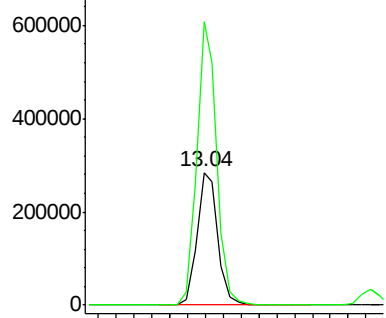
#69  
o-Xylene  
Concen: 51.735 ug/l  
RT: 13.04 min Scan# 1180  
Delta R.T. -0.01 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

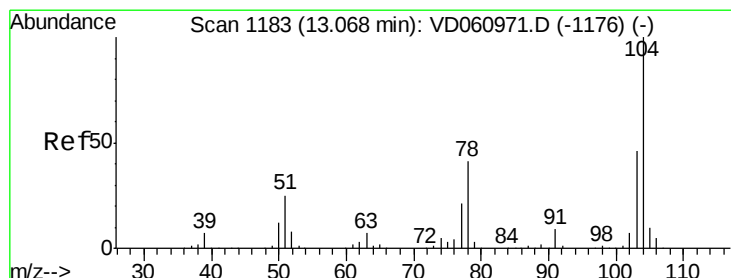
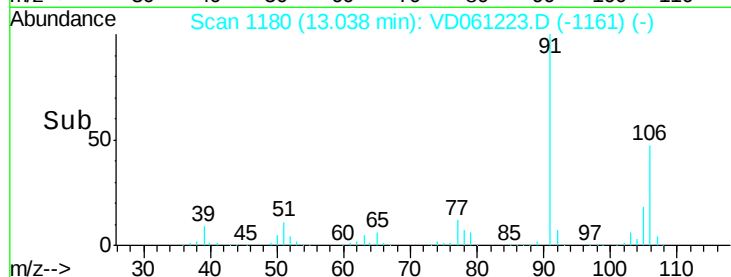
Tot Ion:106 Resp: 468279  
Ion Ratio Lower Upper  
106 100  
91 212.9 99.8 299.3



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

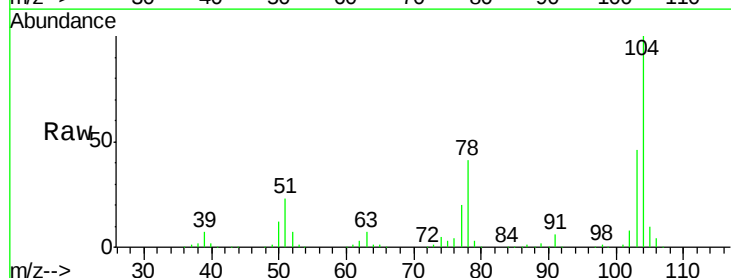


Time-->

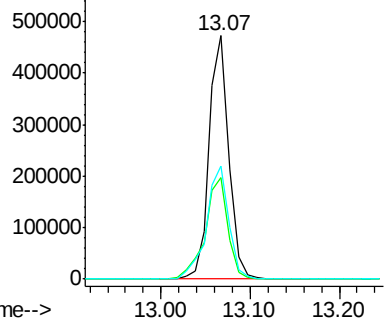


#70  
Styrene  
Concen: 49.482 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

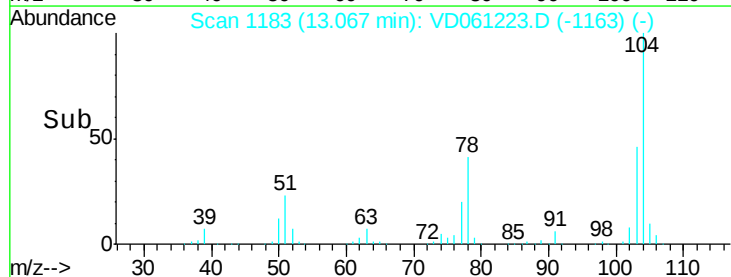
Tgt Ion:104 Resp: 731353  
Ion Ratio Lower Upper  
104 100  
78 41.5 33.0 49.4  
103 46.5 37.1 55.7

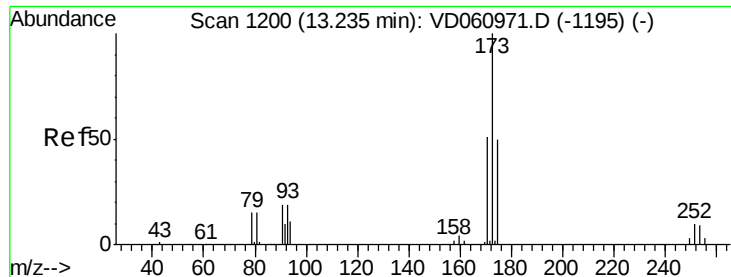


Abundance Ion 104.05 (103.75 to 104.75): V  
Ion 77.95 (77.65 to 78.65): VDC  
Ion 103.05 (102.75 to 103.75): V



Time-->





#71

Bromoform

Concen: 58.666 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

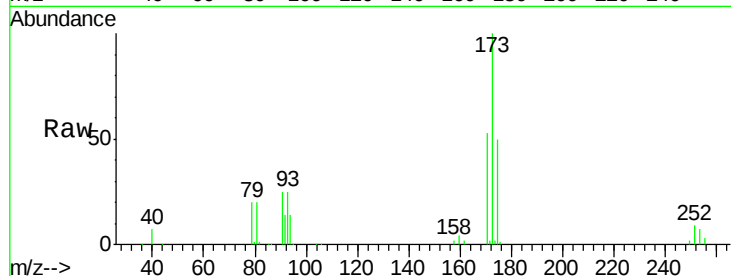
Tot Ion:173 Resp: 212594

Ion Ratio Lower Upper

173 100

175 49.6 24.9 74.8

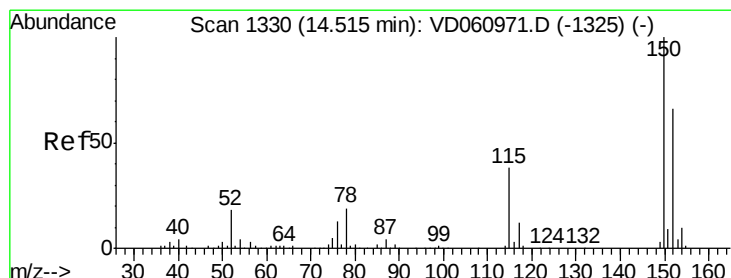
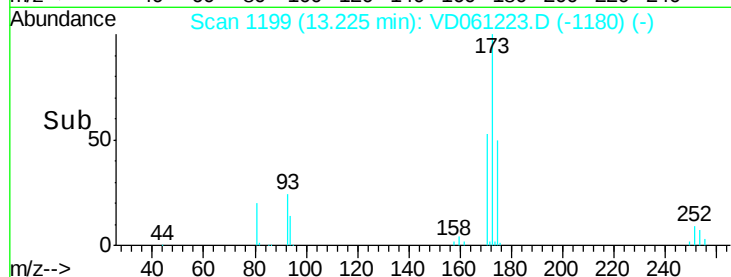
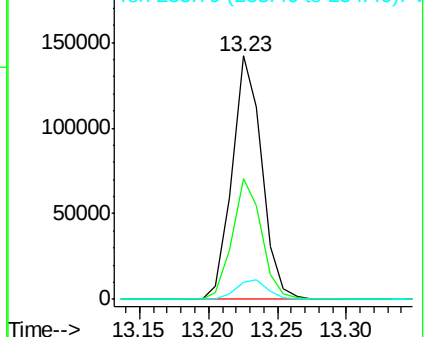
254 7.2 7.3 10.9#



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: 14.51 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

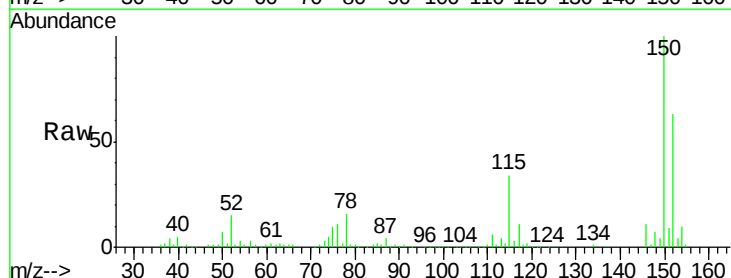
Tgt Ion:152 Resp: 316095

Ion Ratio Lower Upper

152 100

115 53.3 28.6 85.9

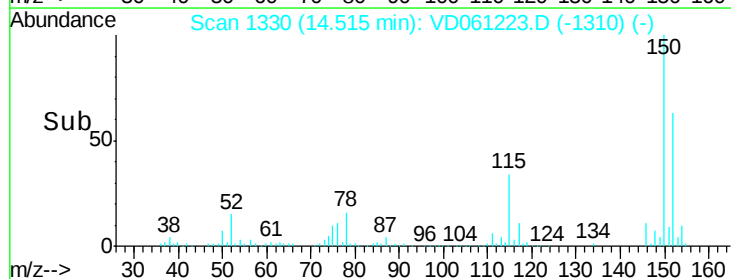
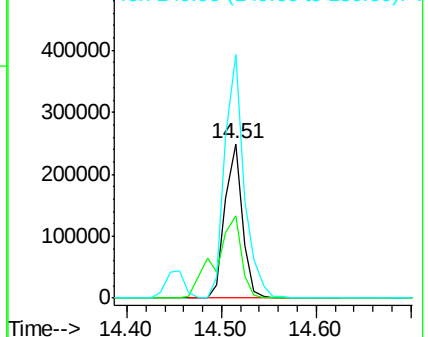
150 157.9 0.0 310.6

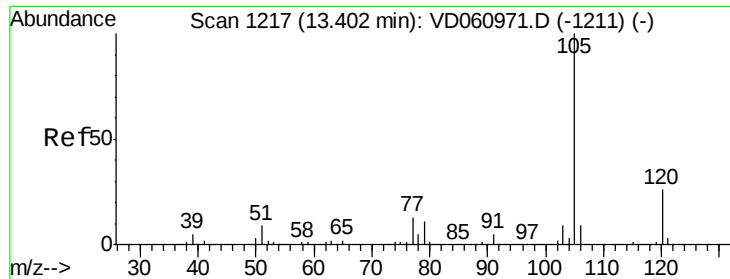


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.205 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

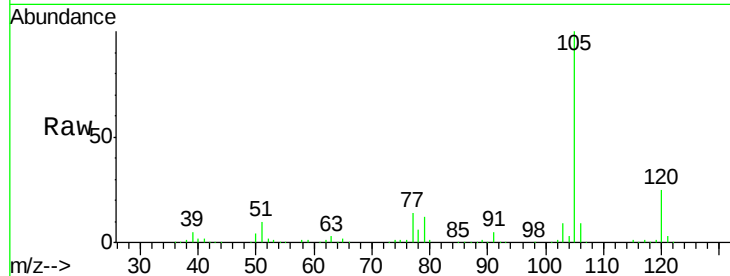
VSTDCCC050

Tot Ion:105 Resp: 1303133

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.39

800000

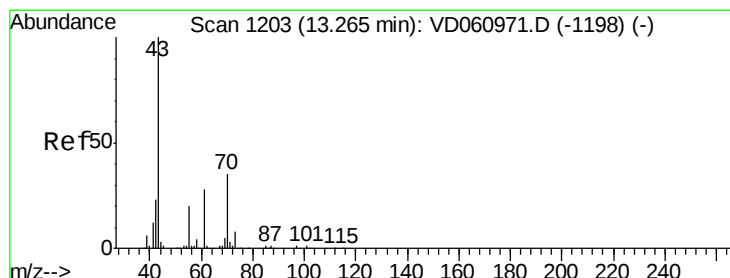
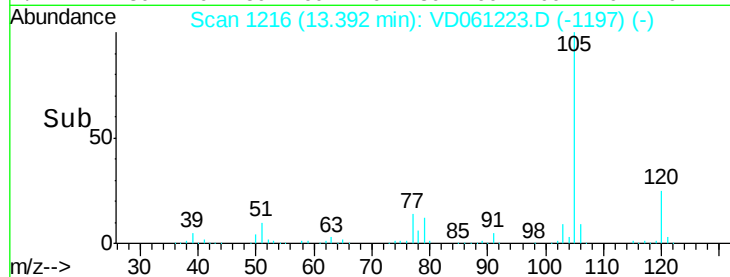
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 49.078 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Tgt Ion: 43 Resp: 314805

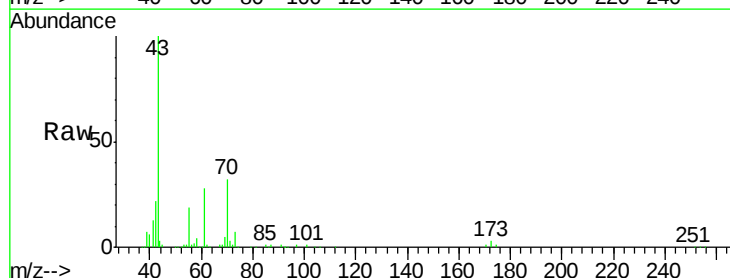
Ion Ratio Lower Upper

43 100

70 32.3 27.7 41.5

55 19.5 16.2 24.2

61 28.0 22.3 33.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC

300000

250000

200000

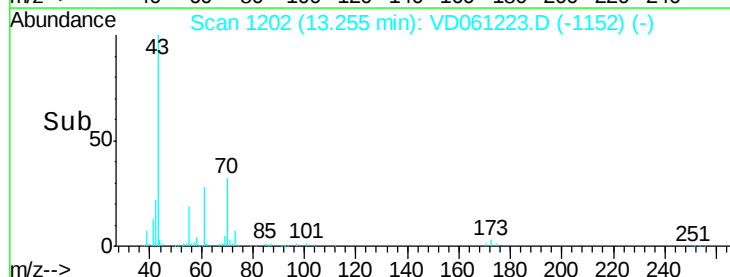
150000

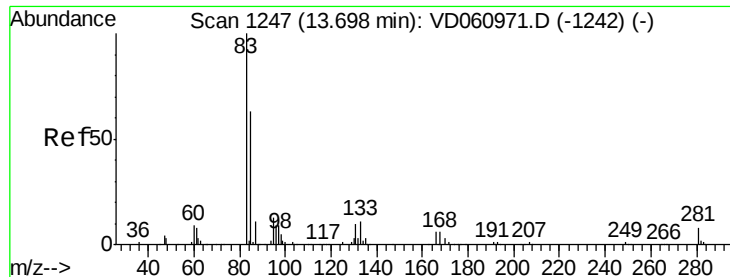
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 62.350 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

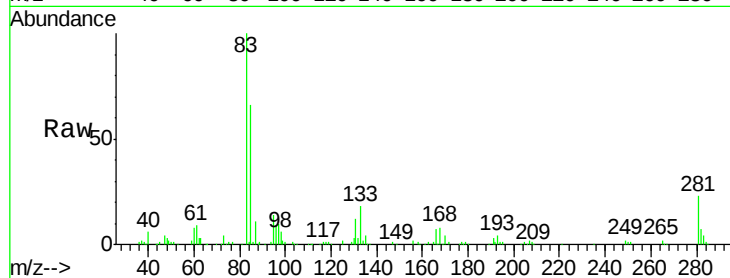
Tot Ion: 83 Resp: 277121

Ion Ratio Lower Upper

83 100

131 11.8 5.1 15.3

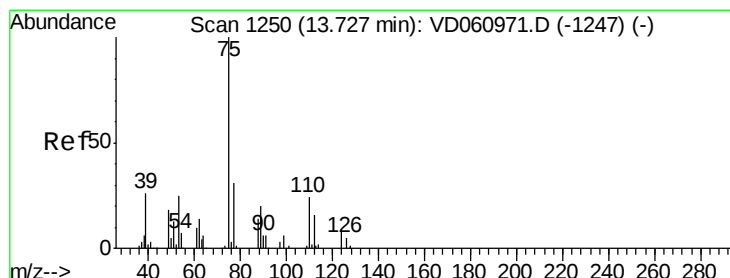
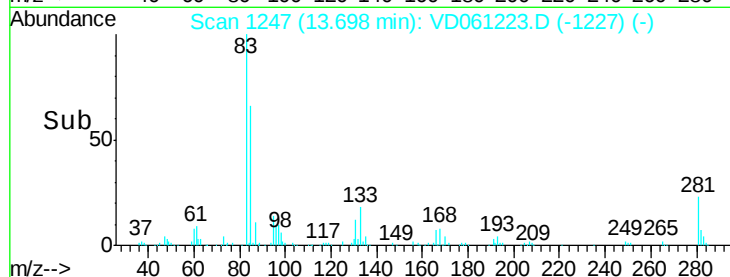
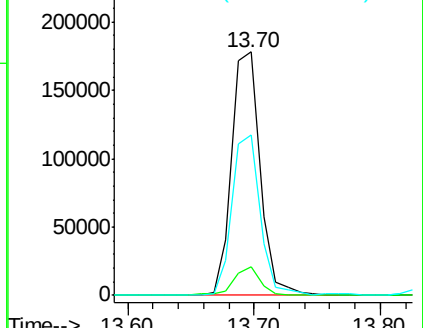
85 65.8 31.5 94.5



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: 60.204 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD061223.D

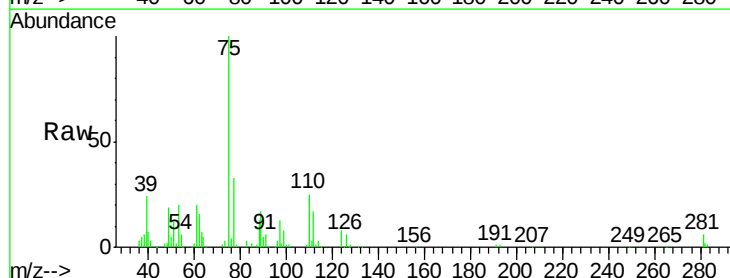
Acq: 20 Mar 2019 23:34

Tgt Ion: 75 Resp: 273782

Ion Ratio Lower Upper

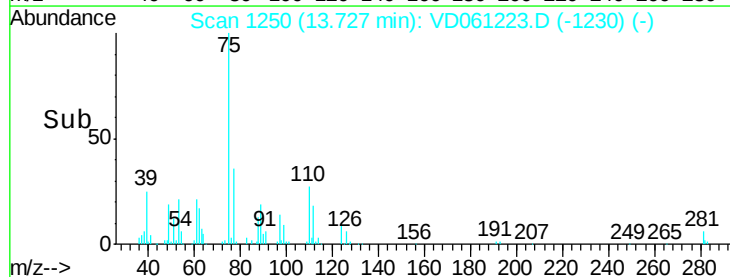
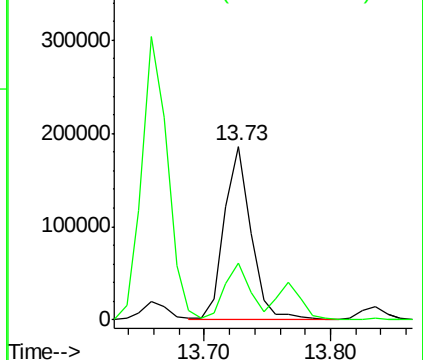
75 100

77 33.1 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: 59.330 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

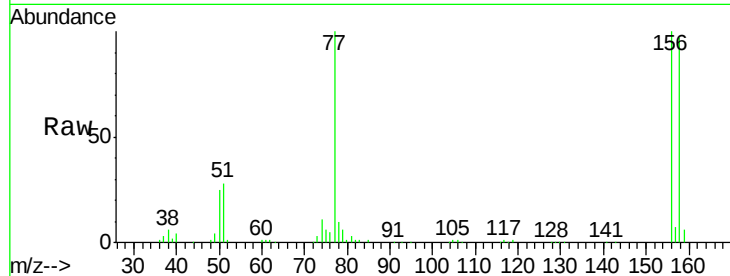
Tot Ion:156 Resp: 345013

Ion Ratio Lower Upper

156 100

77 99.6 55.5 166.7

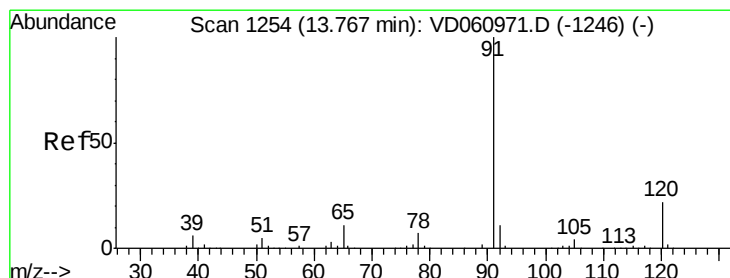
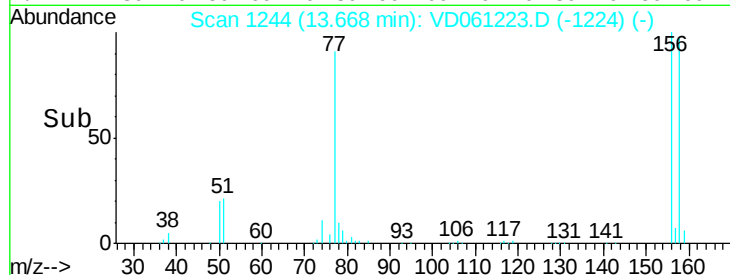
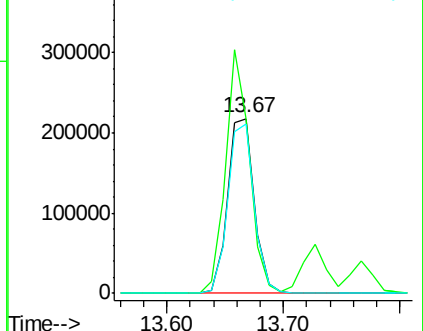
158 96.9 49.0 147.0



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: 54.656 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD061223.D

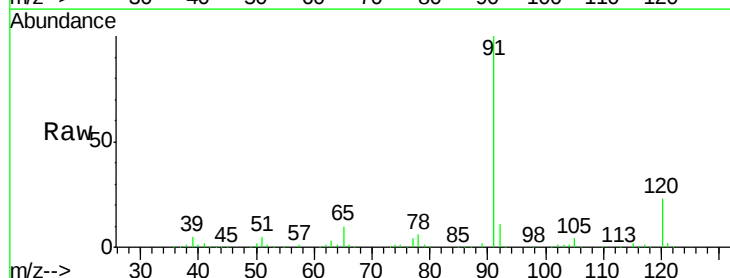
Acq: 20 Mar 2019 23:34

Tgt Ion: 91 Resp: 1457618

Ion Ratio Lower Upper

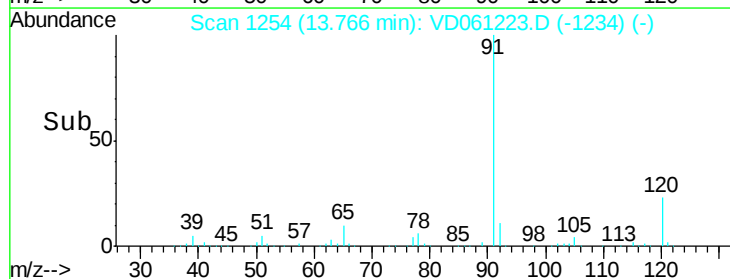
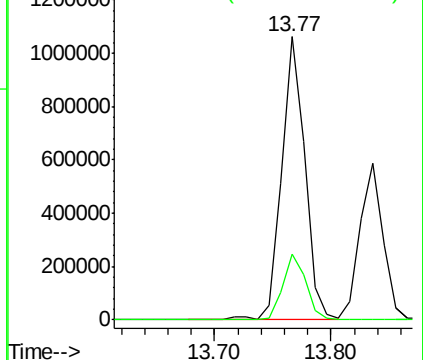
91 100

120 23.1 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: 55.043 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

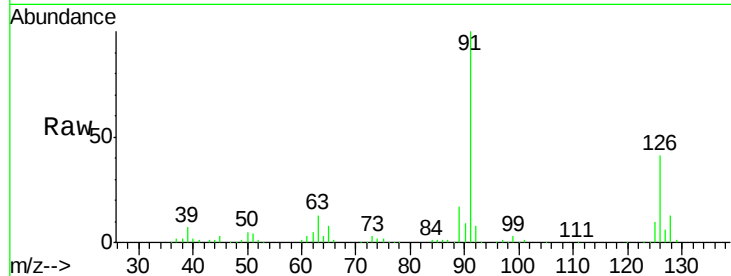
VSTDCCC050

Tot Ion: 91 Resp: 808157

Ion Ratio Lower Upper

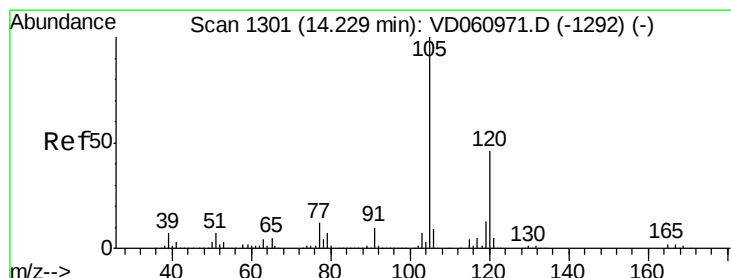
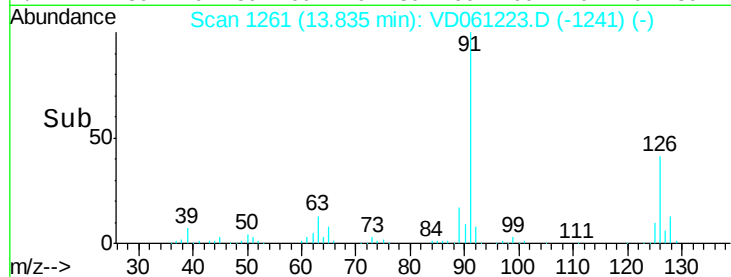
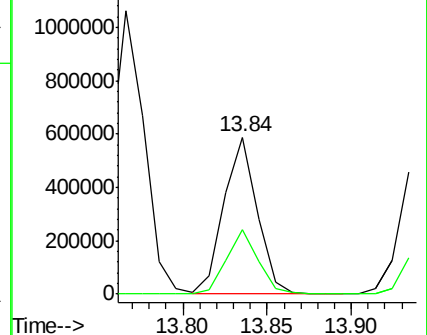
91 100

126 41.0 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) (-)



#80

1,3,5-Trimethylbenzene

Concen: 58.159 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VD061223.D

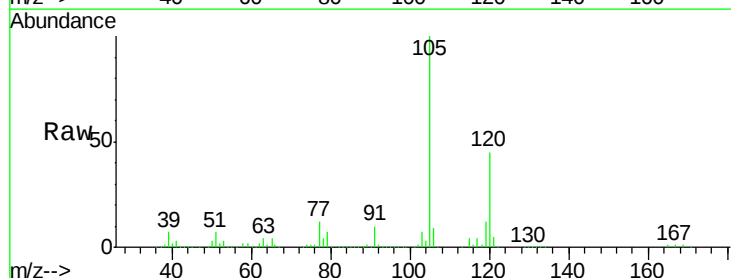
Acq: 20 Mar 2019 23:34

Tgt Ion:105 Resp: 1005801

Ion Ratio Lower Upper

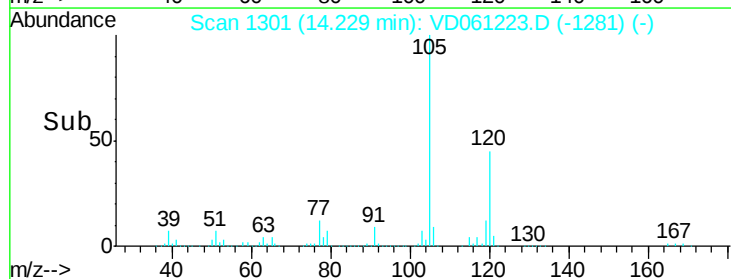
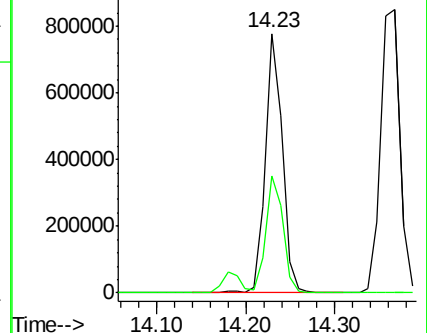
105 100

120 45.2 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) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 60.954 ug/l

RT: 13.47 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

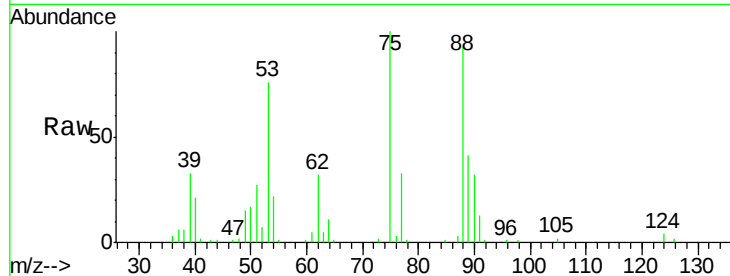
Tot Ion: 75 Resp: 81722

Ion Ratio Lower Upper

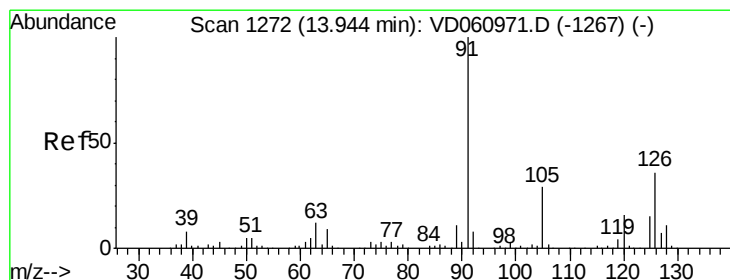
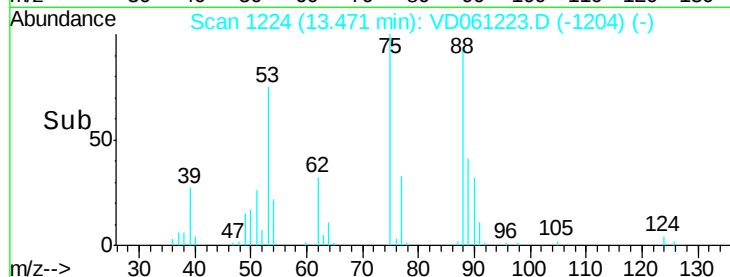
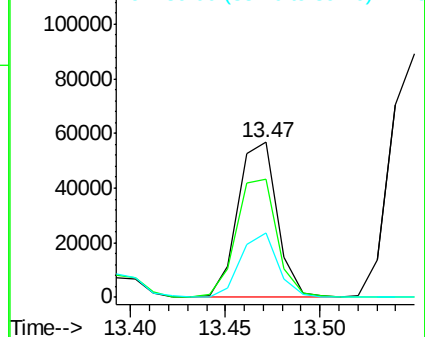
75 100

53 76.2 64.4 96.6

89 41.2 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: 49.550 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VD061223.D

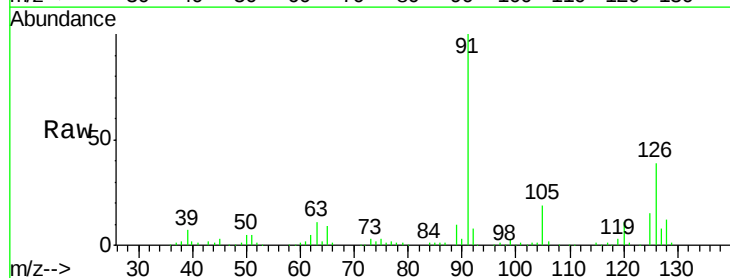
Acq: 20 Mar 2019 23:34

Tgt Ion: 91 Resp: 860046

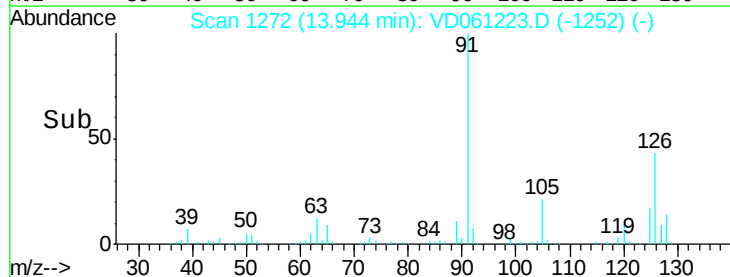
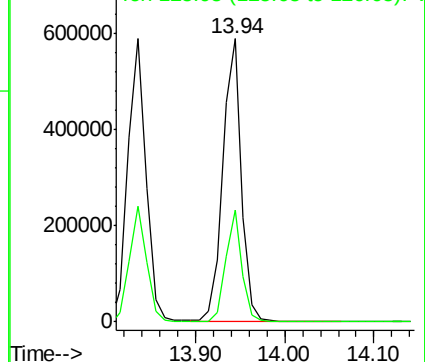
Ion Ratio Lower Upper

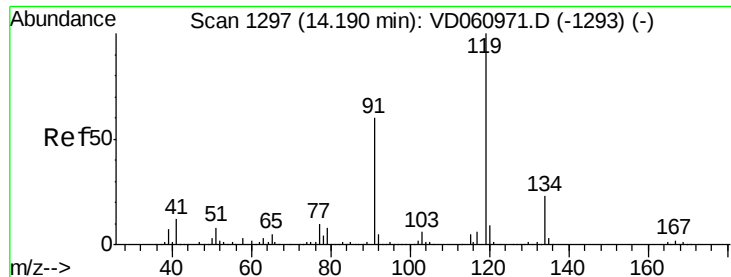
91 100

126 39.4 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: 63.262 ug/l

RT: 14.18 min Scan# 1296

Delta R.T. -0.01 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

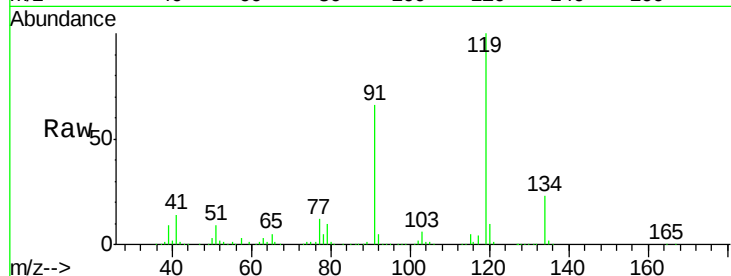
Tot Ion:119 Resp: 1197311

Ion Ratio Lower Upper

119 100

91 65.7 30.1 90.3

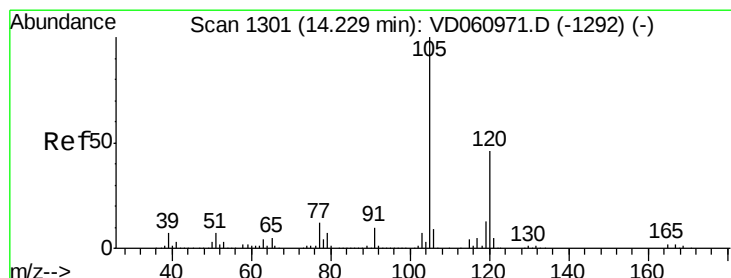
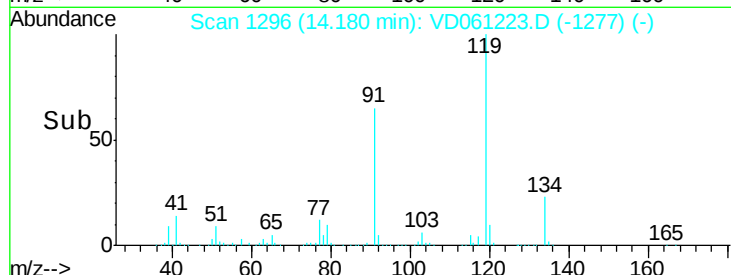
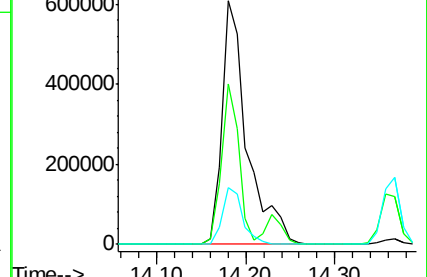
134 23.3 11.6 34.7



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: 58.159 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VD061223.D

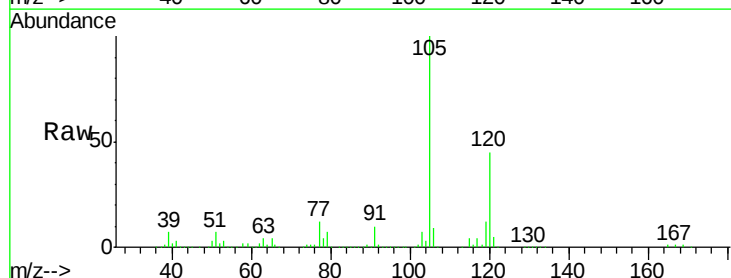
Acq: 20 Mar 2019 23:34

Tgt Ion:105 Resp: 1005801

Ion Ratio Lower Upper

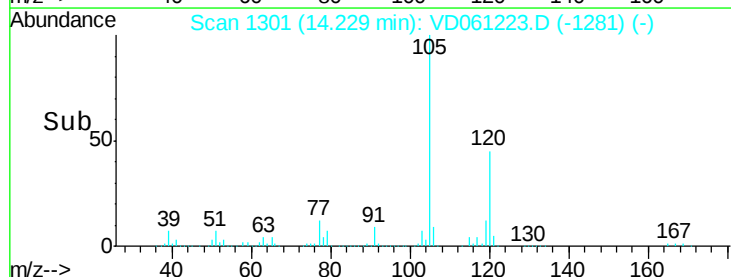
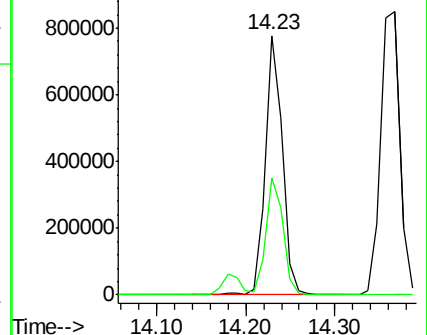
105 100

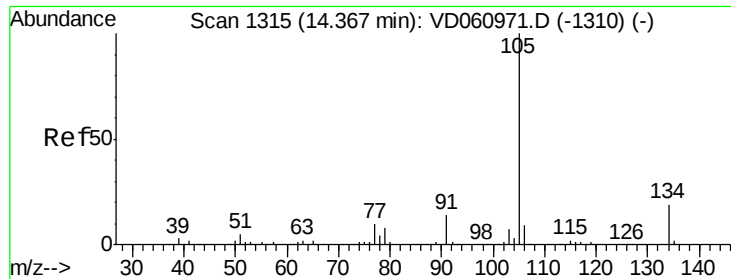
120 45.2 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 54.414 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

Instrument :

MSVOA\_D

ClientSampleId :

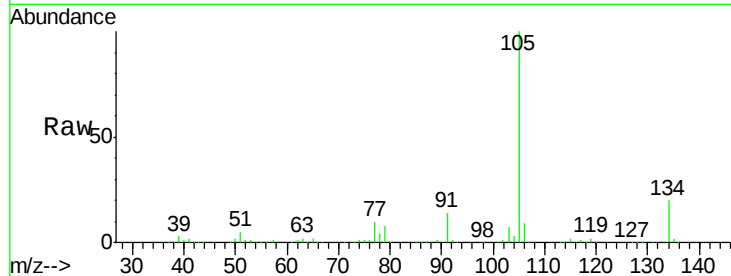
VSTDCCC050

Tot Ion:105 Resp: 1257256

Ion Ratio Lower Upper

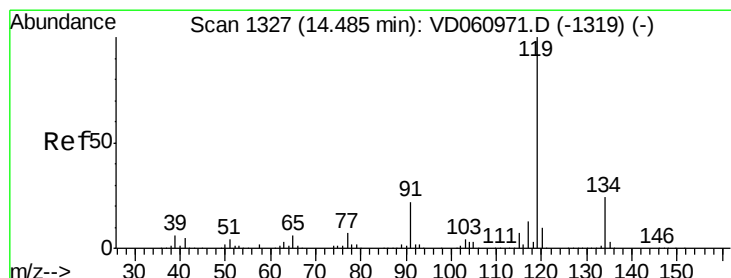
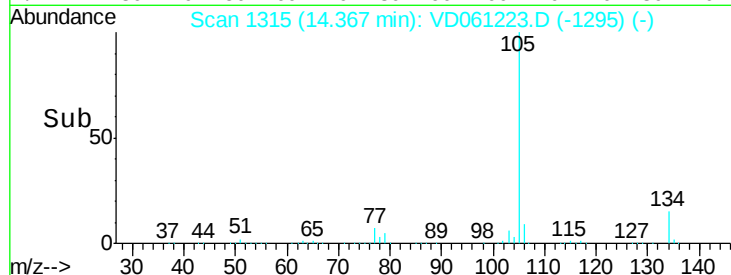
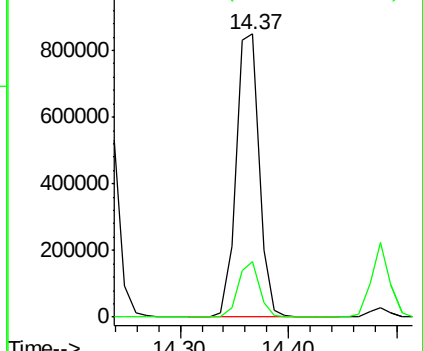
105 100

134 19.8 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: 58.180 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: VD061223.D

Acq: 20 Mar 2019 23:34

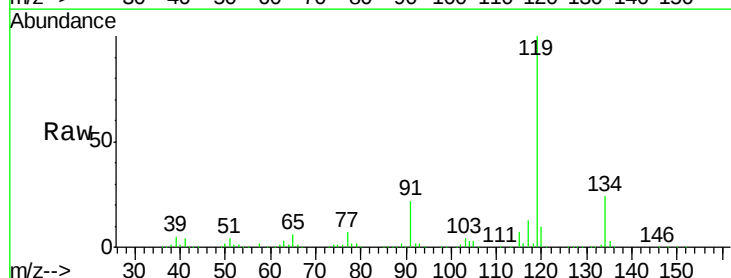
Tgt Ion:119 Resp: 1098805

Ion Ratio Lower Upper

119 100

134 24.5 12.0 36.1

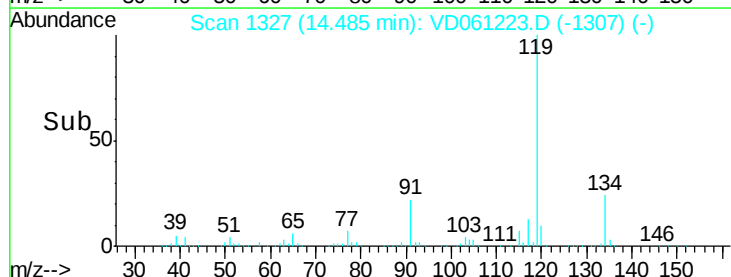
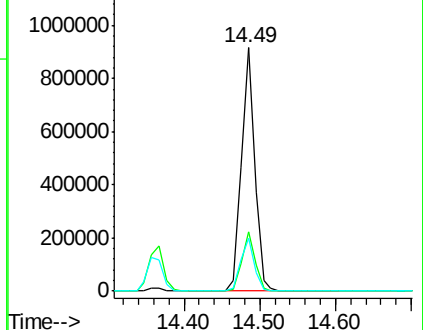
91 21.7 11.2 33.6

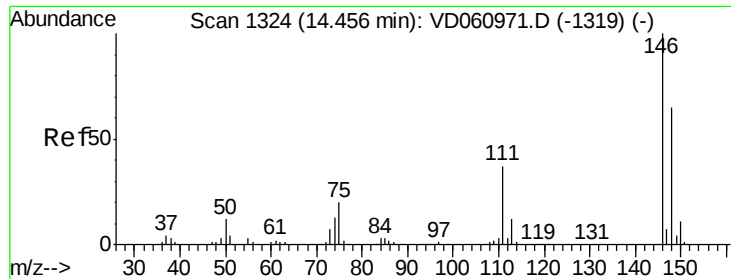


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

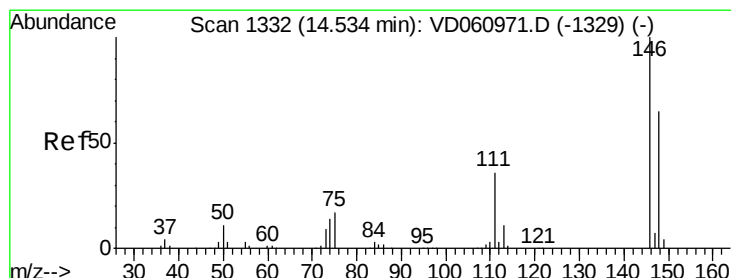
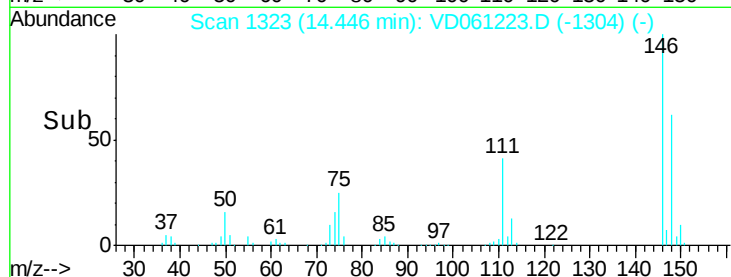
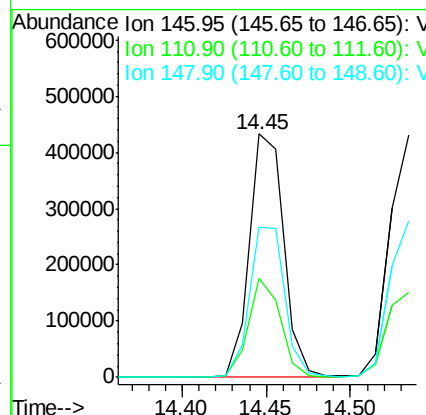
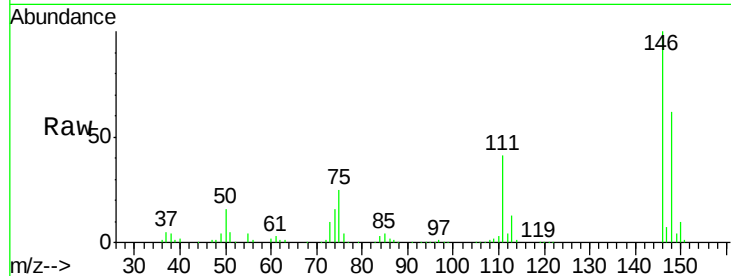




#87  
 1,3-Dichlorobenzene  
 Concen: 59.275 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. -0.01 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

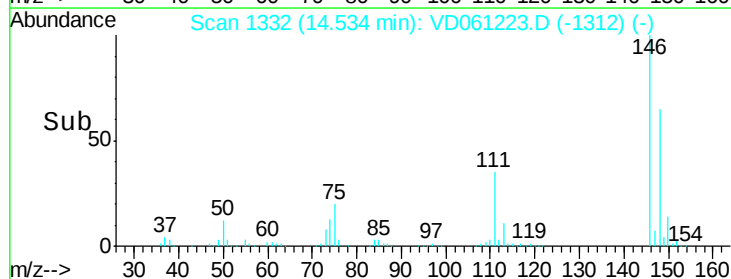
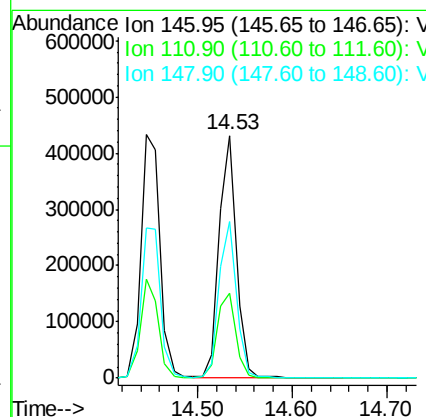
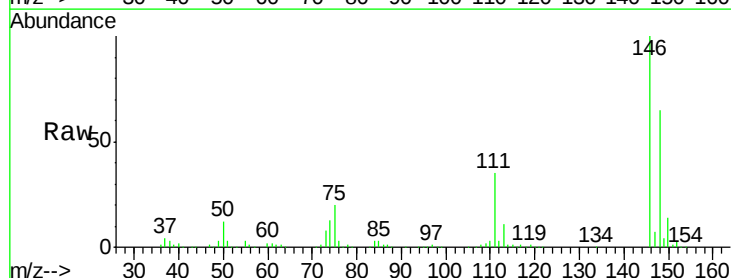
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:146 Resp: 615497  
 Ion Ratio Lower Upper  
 146 100  
 111 40.7 18.4 55.4  
 148 61.5 32.5 97.4



#88  
 1,4-Dichlorobenzene  
 Concen: 53.948 ug/l  
 RT: 14.53 min Scan# 1332  
 Delta R.T. -0.00 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

Tgt Ion:146 Resp: 550485  
 Ion Ratio Lower Upper  
 146 100  
 111 35.0 18.4 55.2  
 148 64.8 32.5 97.5

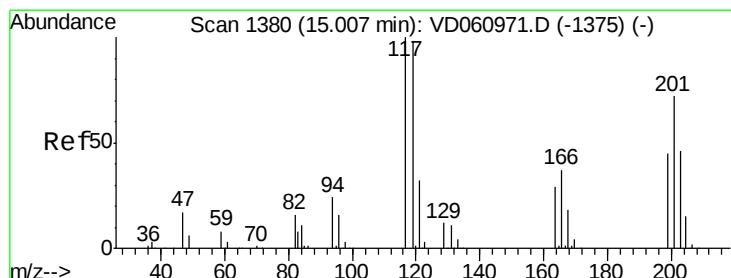
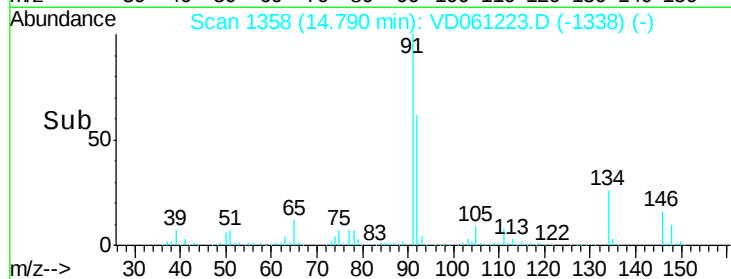
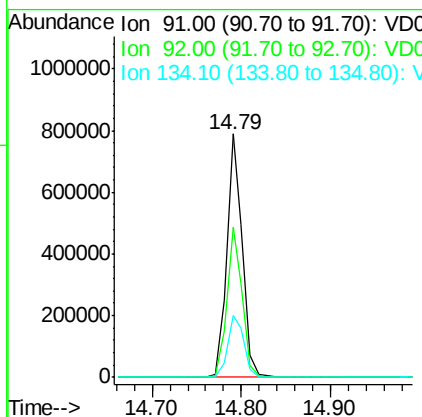
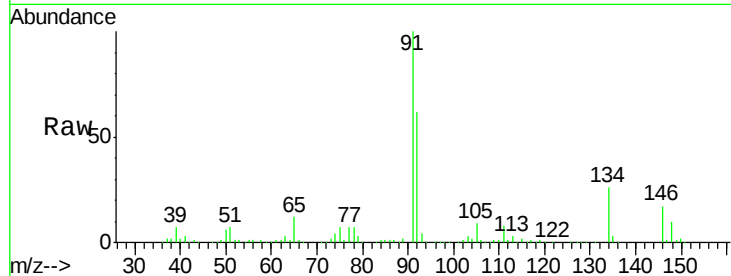




#89  
n-Butylbenzene  
Concen: 53.284 ug/l  
RT: 14.79 min Scan# 1358  
Delta R.T. 0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

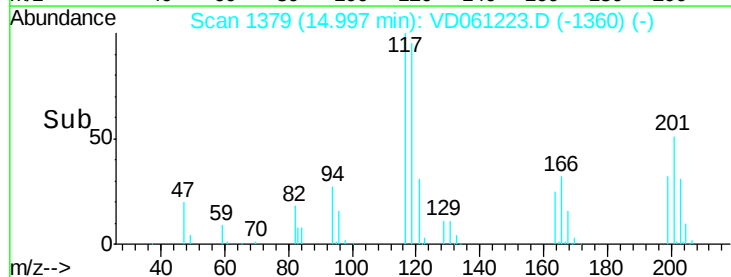
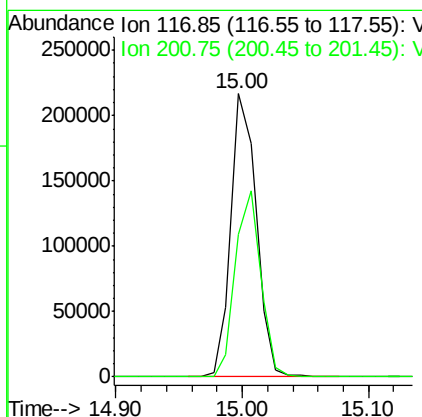
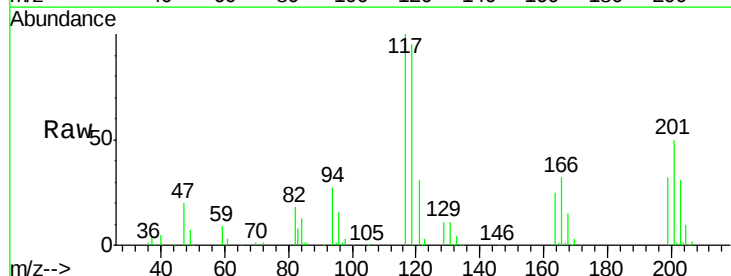
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

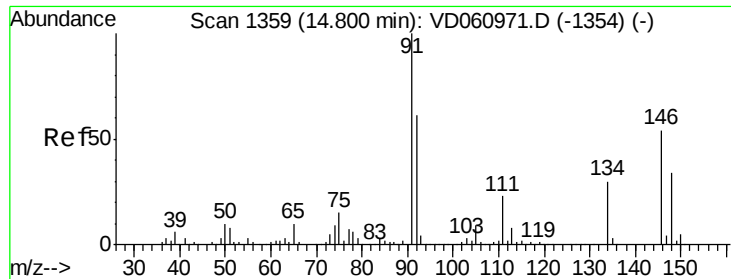
Tot Ion: 91 Resp: 966406  
Ion Ratio Lower Upper  
91 100  
92 61.6 30.6 91.8  
134 25.5 11.0 33.0



#90  
Hexachloroethane  
Concen: 56.675 ug/l  
RT: 15.00 min Scan# 1379  
Delta R.T. -0.01 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion: 117 Resp: 302243  
Ion Ratio Lower Upper  
117 100  
201 50.4 36.2 108.6

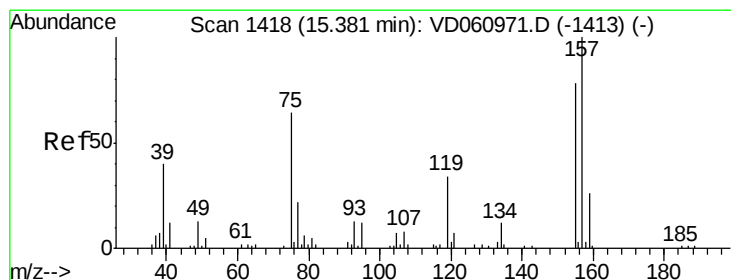
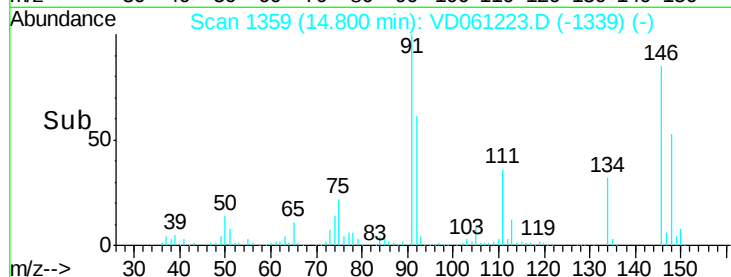
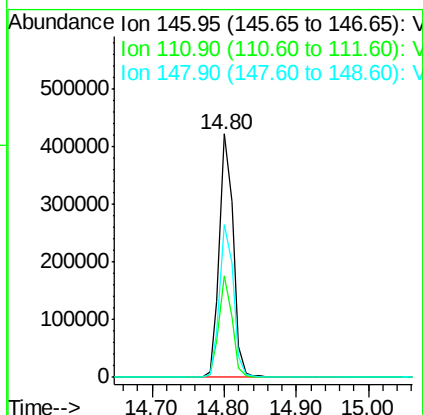
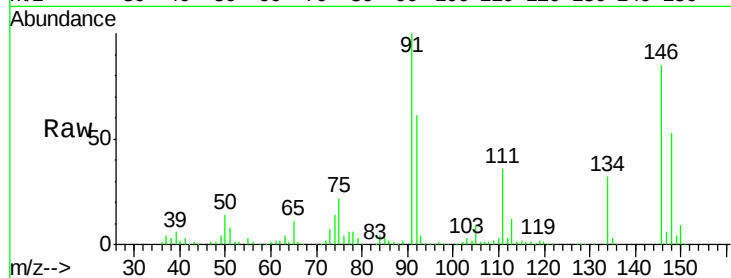




#91  
 1,2-Dichlorobenzene  
 Concen: 64.362 ug/l  
 RT: 14.80 min Scan# 1359  
 Delta R.T. -0.00 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

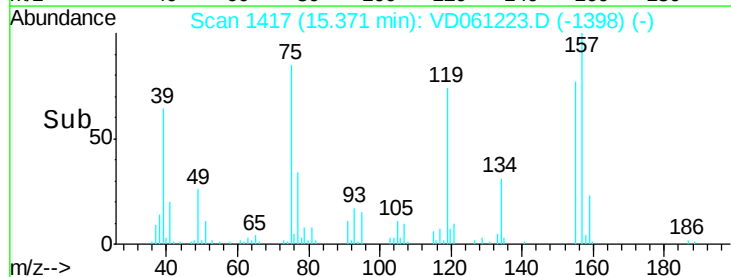
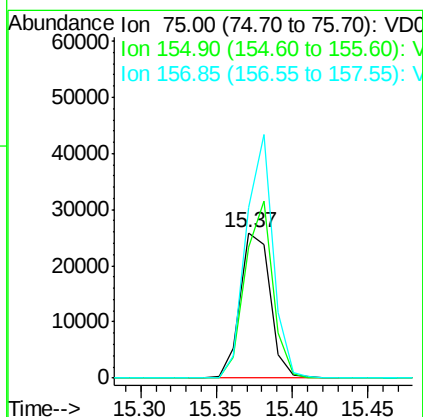
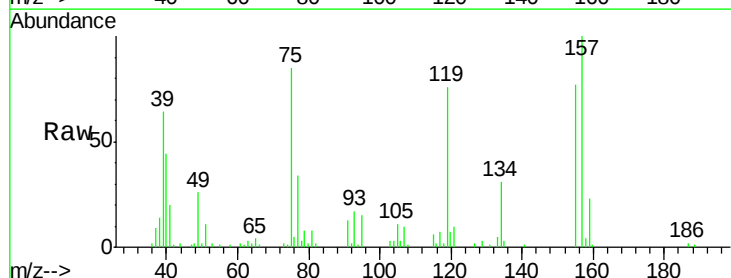
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:146 Resp: 557157  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 21.5 64.5  
 148 62.6 30.9 92.8



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 66.405 ug/l  
 RT: 15.37 min Scan# 1417  
 Delta R.T. -0.01 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

Tgt Ion: 75 Resp: 35566  
 Ion Ratio Lower Upper  
 75 100  
 155 90.3 61.2 183.5  
 157 117.2 78.3 234.8

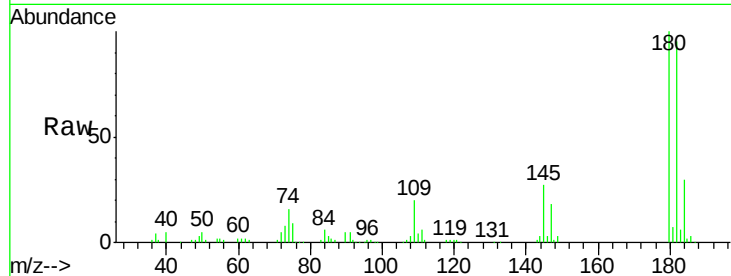




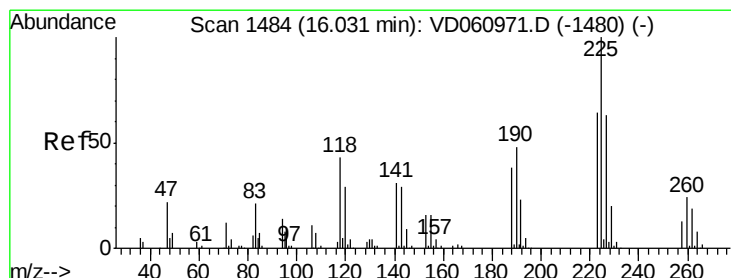
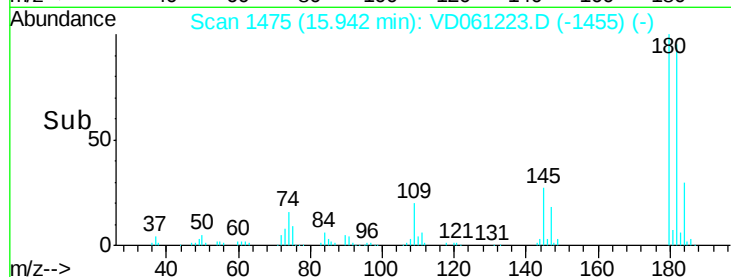
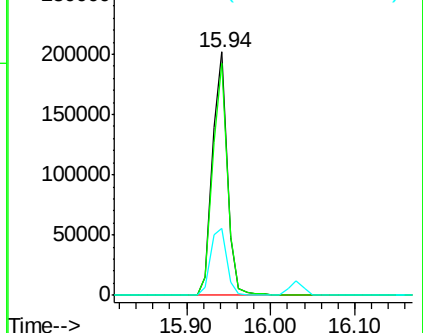
#93  
 1,2,4-Trichlorobenzene  
 Concen: 61.741 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. -0.00 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:180 Resp: 247939  
 Ion Ratio Lower Upper  
 180 100  
 182 95.2 47.3 142.0  
 145 27.4 14.4 43.0

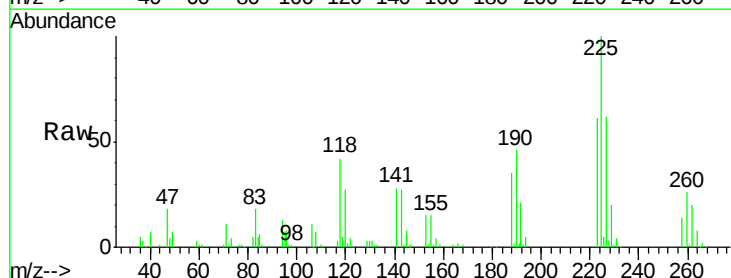


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

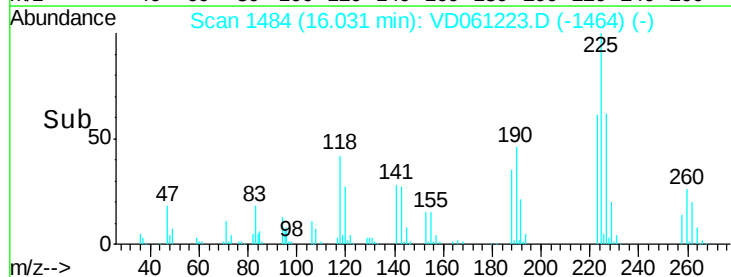
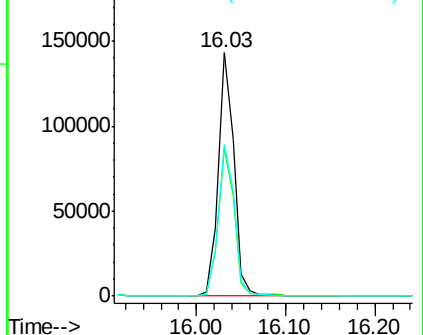


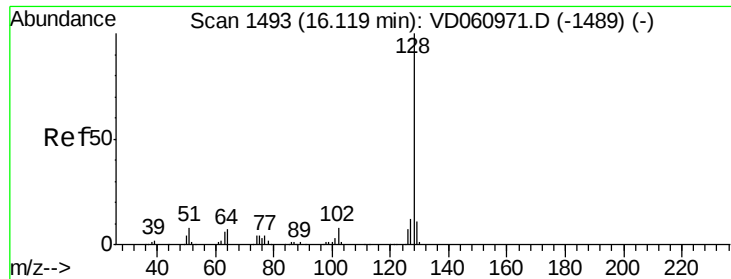
#94  
 Hexachlorobutadiene  
 Concen: 58.006 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. -0.00 min  
 Lab File: VD061223.D  
 Acq: 20 Mar 2019 23:34

Tgt Ion:225 Resp: 176193  
 Ion Ratio Lower Upper  
 225 100  
 223 60.5 31.8 95.3  
 227 62.2 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

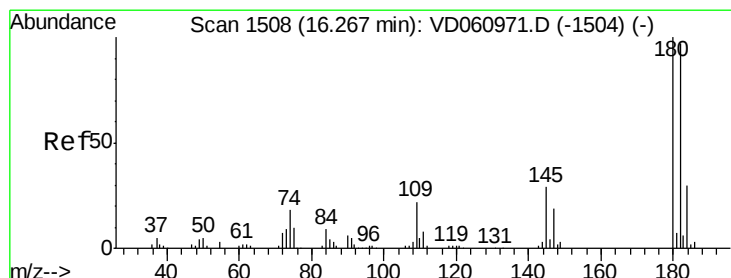
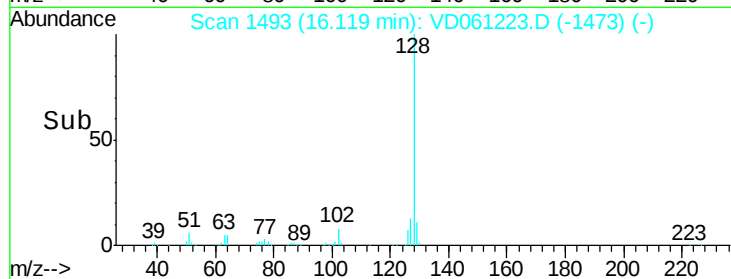
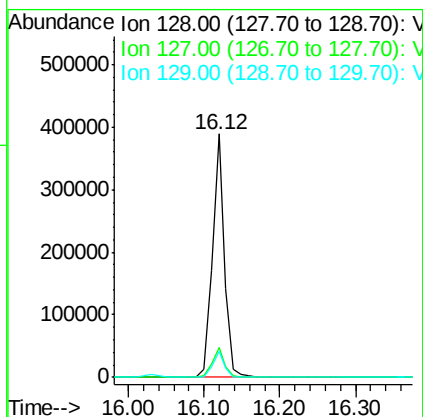
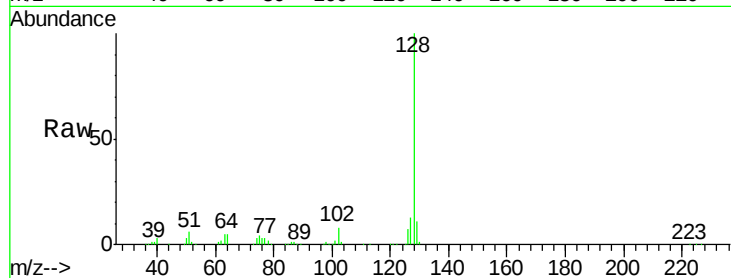




#95  
Naphthalene  
Concen: 72.303 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:128 Resp: 441226  
Ion Ratio Lower Upper  
128 100  
127 12.5 9.8 14.8  
129 10.7 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 60.597 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. -0.00 min  
Lab File: VD061223.D  
Acq: 20 Mar 2019 23:34

Tgt Ion:180 Resp: 120188  
Ion Ratio Lower Upper  
180 100  
182 94.5 48.6 145.8  
145 31.7 14.3 42.9

