

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\  
 Data File : VD061865.D  
 Acq On : 17 Apr 2019 21:05  
 Operator : VA/AP  
 Sample : VD0417SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

Quant Time: Apr 18 01:08:41 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 16 08:53:01 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.03  | 168  | 418968   | 50.00 | ug/l  | -0.06    |
| 34) 1,4-Difluorobenzene    | 8.19  | 114  | 633830   | 50.00 | ug/l  | -0.07    |
| 63) Chlorobenzene-d5       | 12.35 | 117  | 593310   | 50.00 | ug/l  | -0.04    |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152  | 301295   | 50.00 | ug/l  | -0.02    |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.43   | 65   | 223885   | 63.76 | ug/l    | -0.06    |
| Spiked Amount               | 50.000 |      | Recovery | =     | 127.52% |          |
| 35) Dibromofluoromethane    | 6.90   | 113  | 277135   | 57.87 | ug/l    | -0.07    |
| Spiked Amount               | 50.000 |      | Recovery | =     | 115.74% |          |
| 50) Toluene-d8              | 10.39  | 98   | 626648   | 55.23 | ug/l    | -0.05    |
| Spiked Amount               | 50.000 |      | Recovery | =     | 110.46% |          |
| 62) 4-Bromofluorobenzene    | 13.54  | 95   | 275542   | 59.92 | ug/l    | -0.03    |
| Spiked Amount               | 50.000 |      | Recovery | =     | 119.84% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.56 | 85   | 68494    | 16.750  | ug/l   | 98     |
| 3) Chloromethane              | 1.74 | 50   | 62376    | 19.140  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.83 | 62   | 63031    | 19.488  | ug/l   | 95     |
| 5) Bromomethane               | 2.14 | 94   | 16429    | 20.526  | ug/l   | 98     |
| 6) Chloroethane               | 2.24 | 64   | 21706    | 19.672  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.51 | 101  | 111083   | 21.176  | ug/l   | 97     |
| 8) Diethyl Ether              | 2.85 | 74   | 30152    | 21.933  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.13 | 101  | 97828    | 20.916  | ug/l   | 99     |
| 10) Methyl Iodide             | 3.29 | 142  | 107415   | 16.889  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 4.03 | 59   | 26831    | 129.573 | ug/l # | 95     |
| 12) 1,1-Dichloroethene        | 3.11 | 96   | 77532    | 19.718  | ug/l   | 97     |
| 13) Acrolein                  | 3.01 | 56   | 21886    | 109.177 | ug/l   | 98     |
| 14) Allyl chloride            | 3.60 | 41   | 117094   | 21.847  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.16 | 53   | 76615    | 117.854 | ug/l   | 96     |
| 16) Acetone                   | 3.20 | 43   | 90697    | 104.802 | ug/l   | 96     |
| 17) Carbon Disulfide          | 3.36 | 76   | 227629   | 17.917  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.61 | 43   | 46561    | 26.843  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether   | 4.20 | 73   | 169830   | 23.144  | ug/l   | 99     |
| 20) Methylene Chloride        | 3.79 | 84   | 115739   | 24.573  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 4.19 | 96   | 83380    | 19.295  | ug/l   | 96     |
| 22) Diisopropyl ether         | 5.09 | 45   | 252193   | 22.013  | ug/l   | 95     |
| 23) Vinyl Acetate             | 5.02 | 43   | 716723   | 117.027 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 4.95 | 63   | 150274   | 21.634  | ug/l   | 99     |
| 25) 2-Butanone                | 6.04 | 43   | 113063   | 114.756 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.00 | 77   | 118282   | 19.701  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 6.01 | 96   | 98321    | 20.989  | ug/l   | 96     |
| 28) Bromochloromethane        | 6.41 | 49   | 59133    | 22.412  | ug/l   | 92     |
| 29) Tetrahydrofuran           | 6.44 | 42   | 58807    | 122.533 | ug/l   | 98     |
| 30) Chloroform                | 6.63 | 83   | 176561   | 22.789  | ug/l   | 100    |
| 31) Cyclohexane               | 6.93 | 56   | 93084    | 17.505  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 6.84 | 97   | 134397   | 19.569  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.12 | 75   | 118061   | 22.794  | ug/l   | 97     |
| 37) Ethyl Acetate             | 6.15 | 43   | 59327    | 26.763  | ug/l   | 94     |
| 38) Carbon Tetrachloride      | 7.09 | 117  | 137969   | 21.096  | ug/l   | 98     |

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 Sample : VD0417SBS01  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

Quant Time: Apr 18 01:08:41 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 16 08:53:01 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.85  | 83   | 108511   | 20.175  | ug/l   | 95       |
| 40) Benzene                    | 7.43  | 78   | 299260   | 24.067  | ug/l   | 94       |
| 41) Methacrylonitrile          | 6.43  | 41   | 66661    | 25.442  | ug/l # | 87       |
| 42) 1,2-Dichloroethane         | 7.56  | 62   | 110757   | 25.575  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 9.22  | 43   | 78062    | 25.024  | ug/l   | 98       |
| 44) Trichloroethene            | 8.51  | 130  | 106545   | 22.258  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 8.92  | 63   | 72013    | 22.234  | ug/l   | 93       |
| 46) Dibromomethane             | 9.05  | 93   | 59954    | 25.978  | ug/l   | 91       |
| 47) Bromodichloromethane       | 9.36  | 83   | 128906   | 24.211  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.10  | 41   | 49455    | 26.970  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.06  | 88   | 10895    | 543.600 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone       | 10.28 | 43   | 262867   | 137.794 | ug/l   | 99       |
| 52) Toluene                    | 10.49 | 92   | 186800   | 23.442  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.90 | 75   | 118878   | 24.779  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.02 | 75   | 132497   | 23.528  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 11.17 | 97   | 68884    | 25.654  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 11.02 | 69   | 70818    | 24.031  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 11.39 | 76   | 101671   | 25.187  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.83  | 63   | 208624   | 148.835 | ug/l   | 99       |
| 59) 2-Hexanone                 | 11.52 | 43   | 170004   | 119.985 | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.67 | 129  | 118172   | 26.897  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.79 | 107  | 85786    | 25.983  | ug/l   | 99       |
| 64) Tetrachloroethene          | 11.24 | 164  | 87374    | 19.636  | ug/l   | 92       |
| 65) Chlorobenzene              | 12.38 | 112  | 235997   | 21.358  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.50 | 131  | 101016   | 21.816  | ug/l   | 97       |
| 67) Ethyl Benzene              | 12.51 | 91   | 390586   | 22.073  | ug/l   | 97       |
| 68) m/p-Xylenes                | 12.66 | 106  | 284706   | 42.834  | ug/l   | 99       |
| 69) o-Xylene                   | 13.04 | 106  | 138146   | 22.112  | ug/l   | 99       |
| 70) Styrene                    | 13.06 | 104  | 233124   | 21.684  | ug/l   | 99       |
| 71) Bromoform                  | 13.22 | 173  | 64019    | 23.292  | ug/l   | 98       |
| 73) Isopropylbenzene           | 13.40 | 105  | 335526   | 17.171  | ug/l   | 98       |
| 74) N-amyl acetate             | 13.26 | 43   | 107162   | 20.395  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.69 | 83   | 84163    | 21.790  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 13.72 | 75   | 83910    | 21.207  | ug/l   | 98       |
| 77) Bromobenzene               | 13.66 | 156  | 97981    | 17.652  | ug/l   | 95       |
| 78) n-propylbenzene            | 13.76 | 91   | 475735   | 21.073  | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 13.83 | 91   | 257562   | 19.530  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 299214   | 19.299  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 23814    | 20.657  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 296926   | 19.670  | ug/l   | 94       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 346919   | 19.056  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 324160   | 20.800  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 343895   | 18.273  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 14.48 | 119  | 347152   | 19.715  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 201814   | 20.827  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 183302   | 19.137  | ug/l   | 98       |
| 89) n-Butylbenzene             | 14.79 | 91   | 292626   | 18.774  | ug/l   | 98       |
| 90) Hexachloroethane           | 15.00 | 117  | 86024    | 17.924  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene        | 14.79 | 146  | 153760   | 18.944  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 12069    | 25.459  | ug/l   | 97       |

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Operator : VA/AP  
Sample : VD0417SBS01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 23 Sample Multiplier: 1

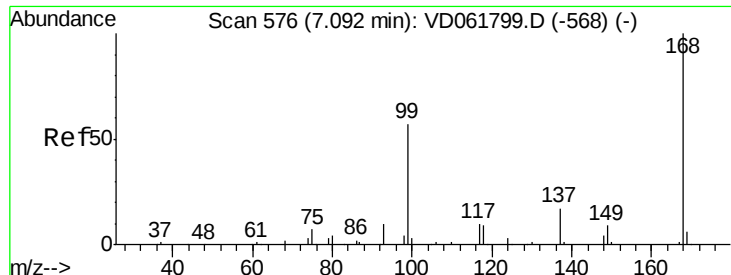
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

Quant Time: Apr 18 01:08:41 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 16 08:53:01 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 95234    | 21.363 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 65808    | 20.370 | ug/l  | 100      |
| 95) Naphthalene            | 16.11 | 128  | 160533   | 23.494 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 16.26 | 180  | 57404    | 22.596 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.06 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

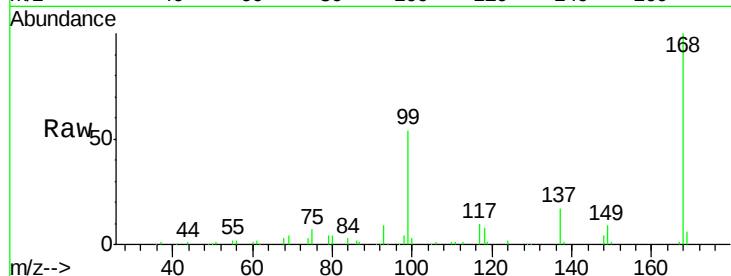
VD0417SBS01

Tot Ion:168 Resp: 418968

Ion Ratio Lower Upper

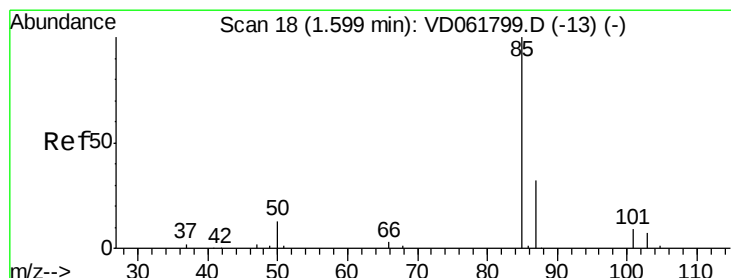
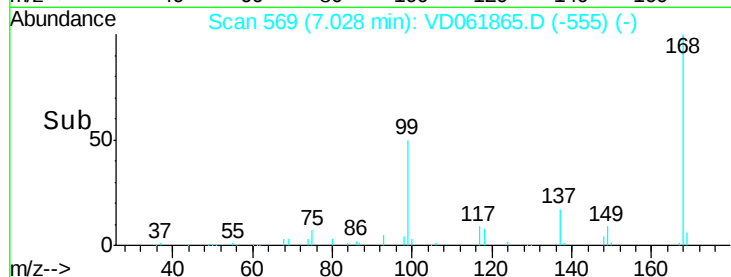
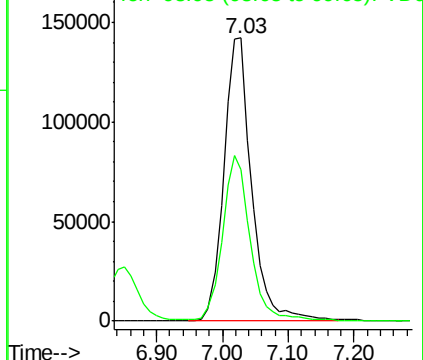
168 100

99 53.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 16.750 ug/l

RT: 1.56 min Scan# 14

Delta R.T. -0.03 min

Lab File: VD061865.D

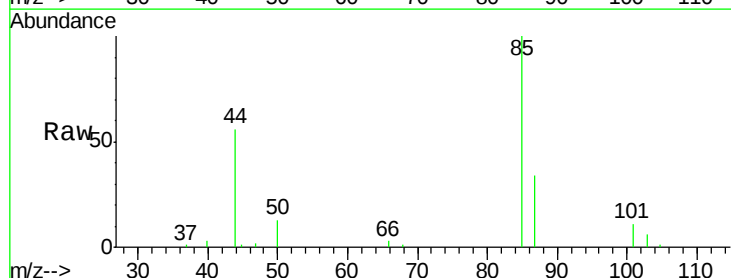
Acq: 17 Apr 2019 21:05

Tgt Ion: 85 Resp: 68494

Ion Ratio Lower Upper

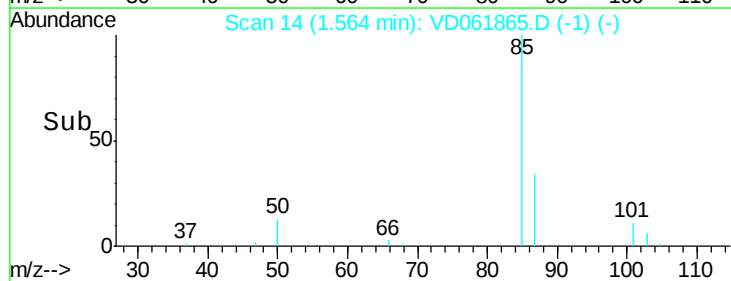
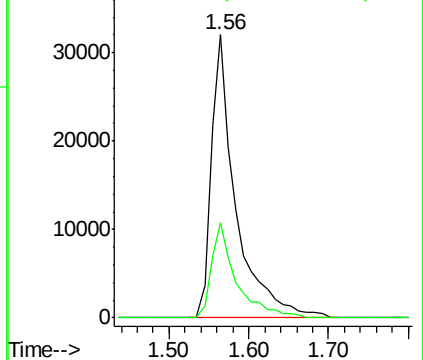
85 100

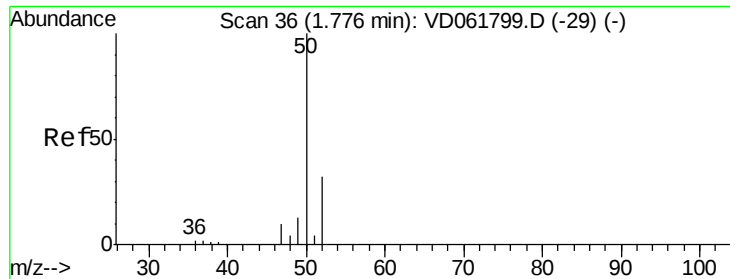
87 33.6 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.140 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.03 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

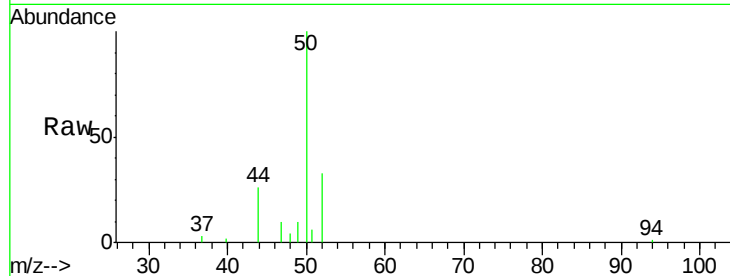
VD0417SBS01

Tot Ion: 50 Resp: 62376

Ion Ratio Lower Upper

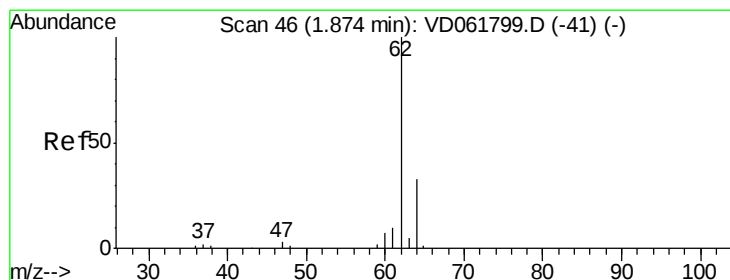
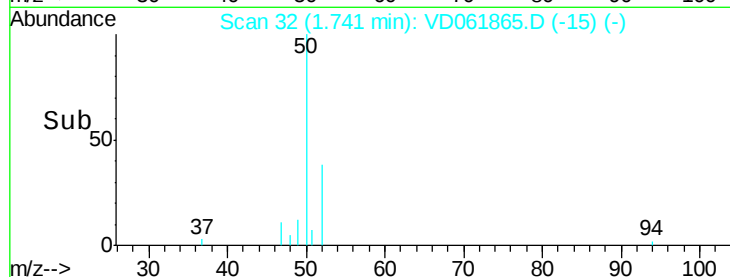
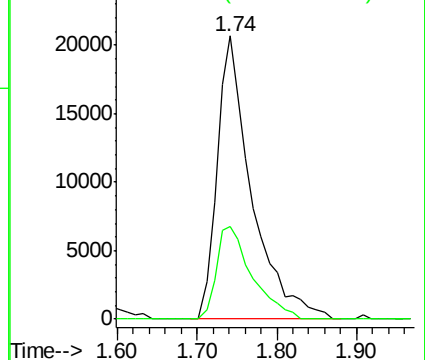
50 100

52 32.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.488 ug/l

RT: 1.83 min Scan# 41

Delta R.T. -0.04 min

Lab File: VD061865.D

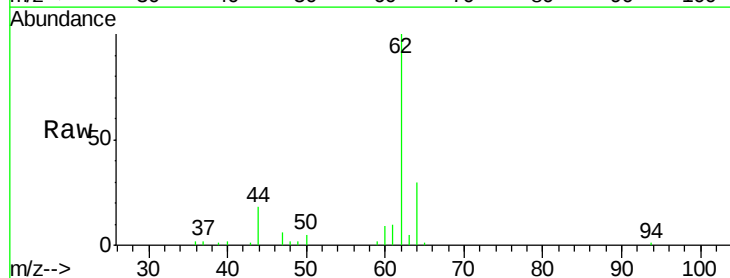
Acq: 17 Apr 2019 21:05

Tgt Ion: 62 Resp: 63031

Ion Ratio Lower Upper

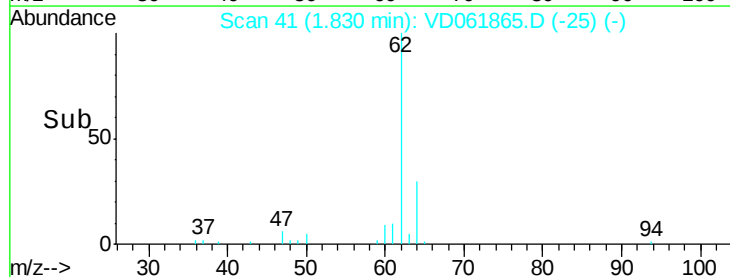
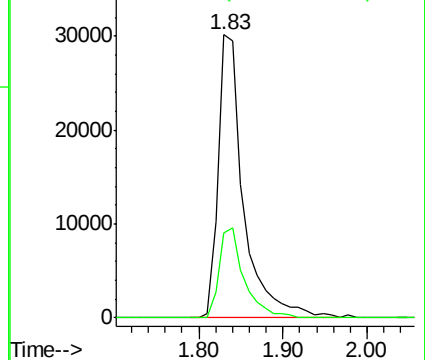
62 100

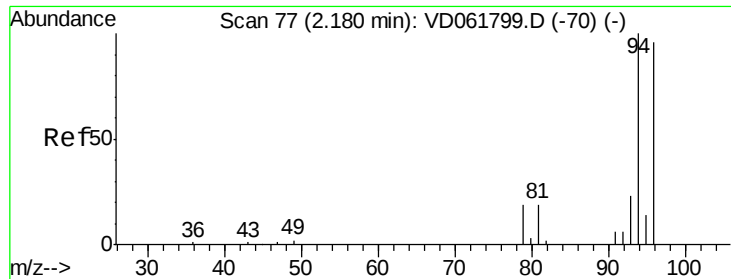
64 30.2 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 20.526 ug/l

RT: 2.14 min Scan# 72

Delta R.T. -0.04 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

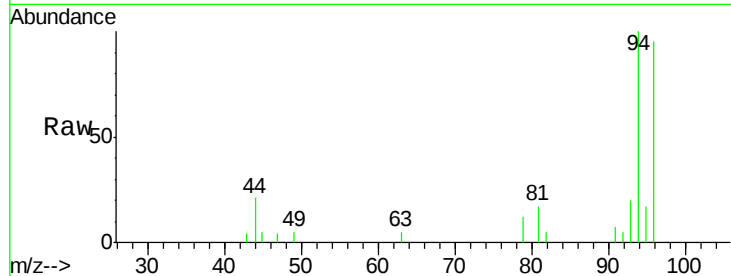
Tot Ion: 94 Resp: 16429

Ion Ratio Lower Upper

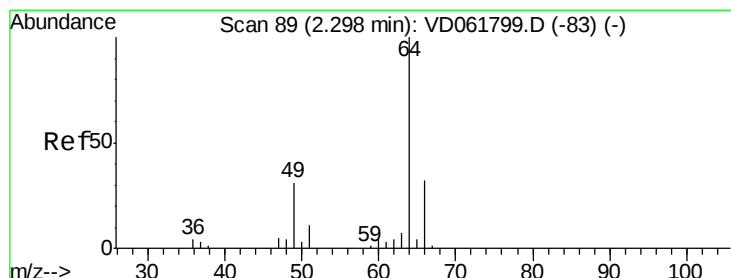
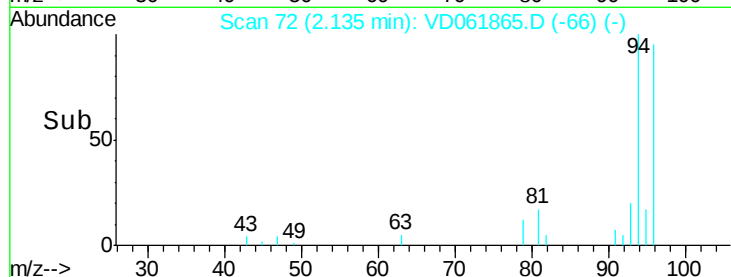
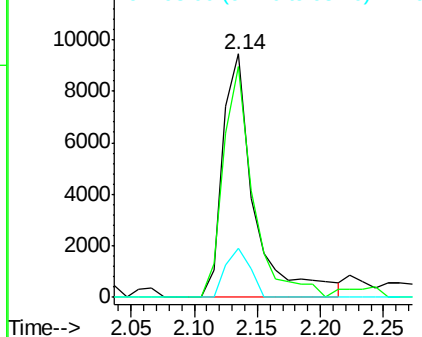
94 100

96 94.6 76.6 115.0

93 20.3 18.5 27.7



Abundance Ion 94.00 (93.70 to 94.70): VDC  
Ion 96.00 (95.70 to 96.70): VDC  
Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 19.672 ug/l

RT: 2.24 min Scan# 83

Delta R.T. -0.05 min

Lab File: VD061865.D

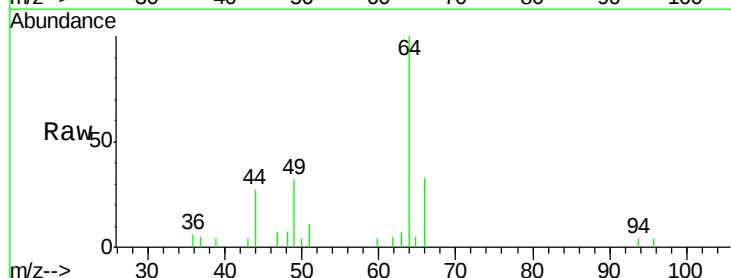
Acq: 17 Apr 2019 21:05

Tgt Ion: 64 Resp: 21706

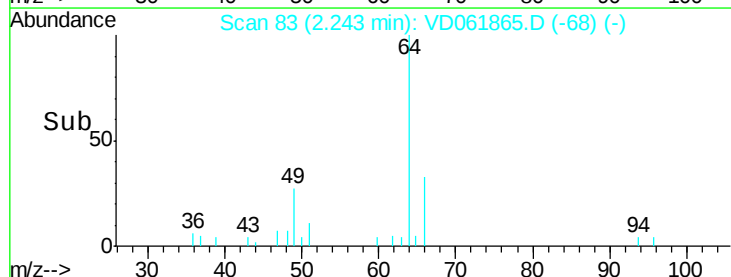
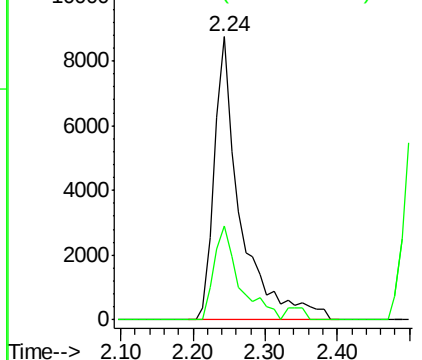
Ion Ratio Lower Upper

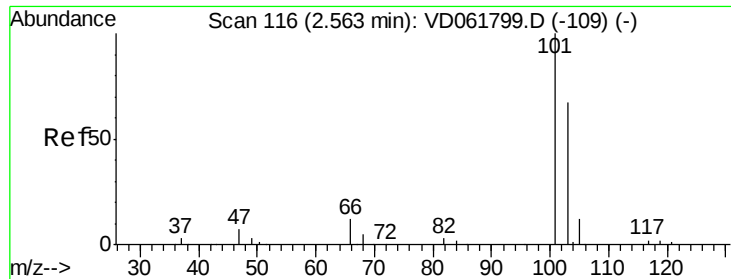
64 100

66 33.4 25.6 38.4



Abundance Ion 63.95 (63.65 to 64.65): VDC  
Ion 65.90 (65.60 to 66.60): VDC



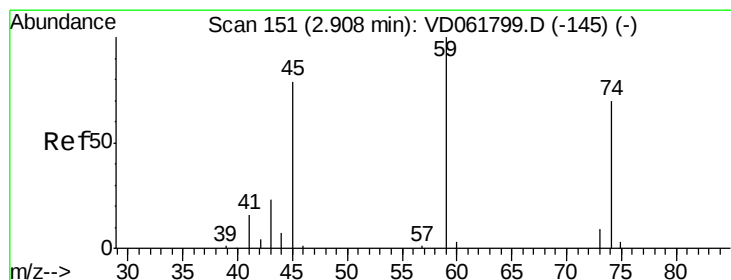
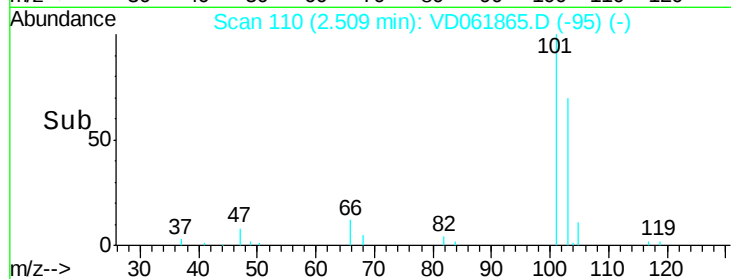
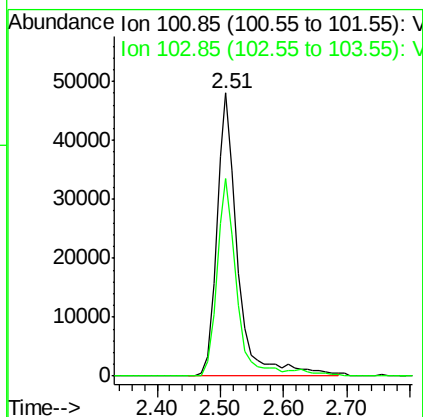
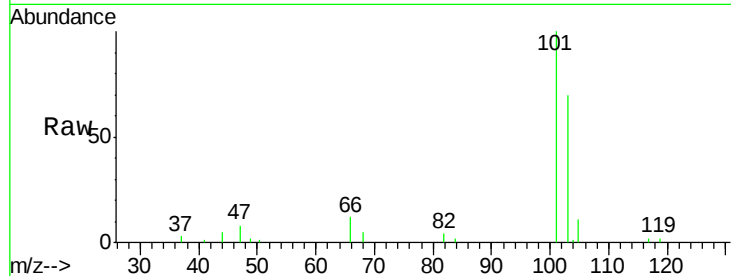


#7

Trichlorofluoromethane  
 Concen: 21.176 ug/l  
 RT: 2.51 min Scan# 110  
 Delta R.T. -0.05 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

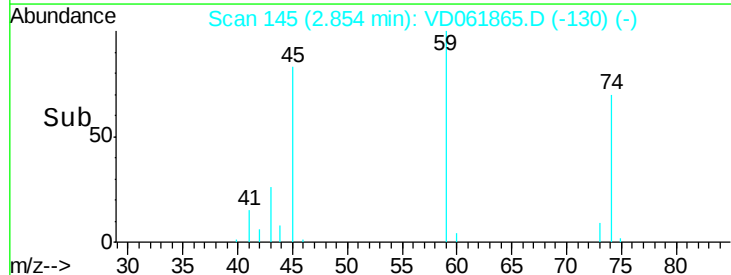
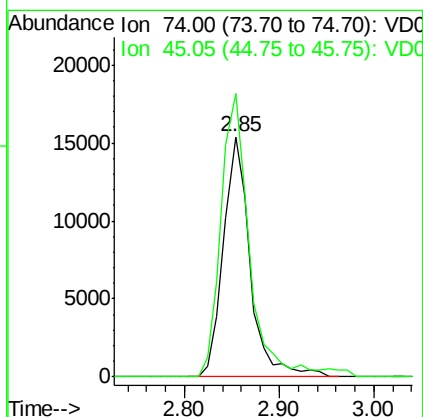
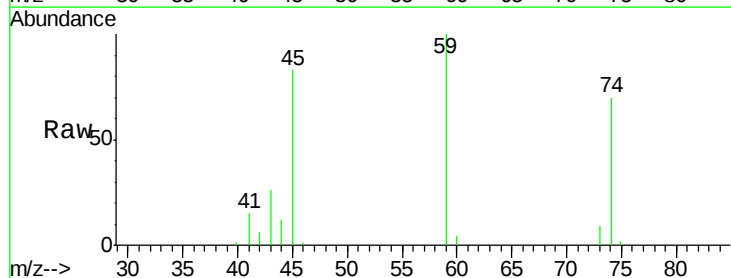
Tot Ion:101 Resp: 111083  
 Ion Ratio Lower Upper  
 101 100  
 103 69.8 53.6 80.4

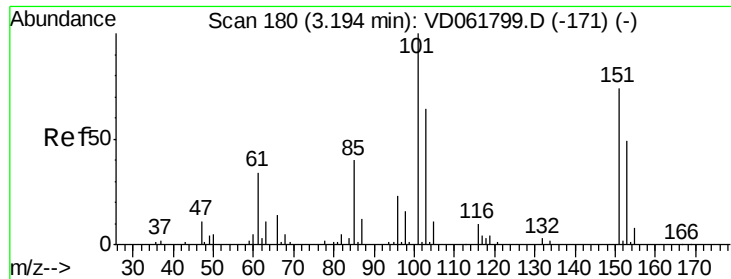


#8

Diethyl Ether  
 Concen: 21.933 ug/l  
 RT: 2.85 min Scan# 145  
 Delta R.T. -0.05 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Tgt Ion: 74 Resp: 30152  
 Ion Ratio Lower Upper  
 74 100  
 45 117.8 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.916 ug/l

RT: 3.13 min Scan# 173

Delta R.T. -0.06 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

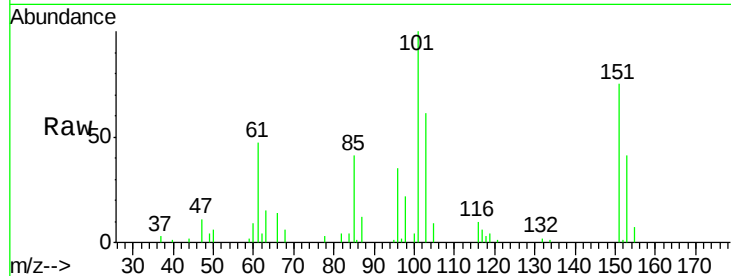
Tot Ion:101 Resp: 97828

Ion Ratio Lower Upper

101 100

85 40.7 32.4 48.6

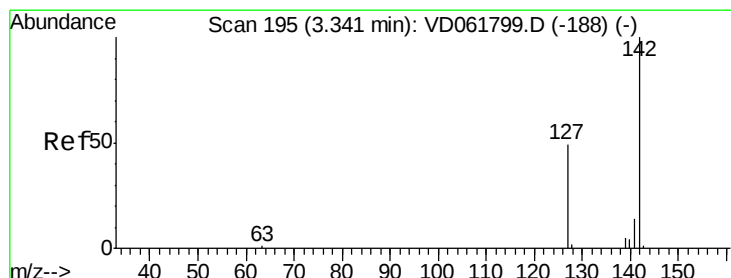
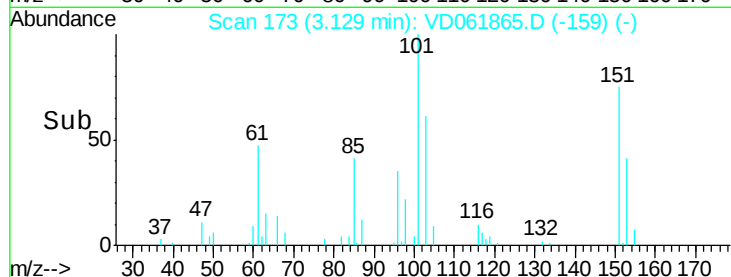
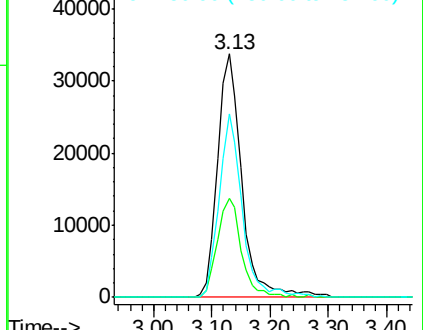
151 75.4 59.4 89.0



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: 16.889 ug/l

RT: 3.29 min Scan# 189

Delta R.T. -0.05 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

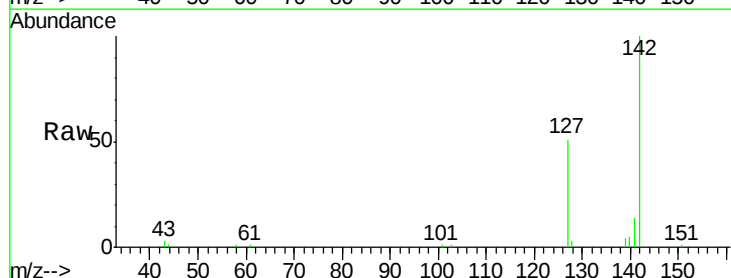
Tgt Ion:142 Resp: 107415

Ion Ratio Lower Upper

142 100

127 51.3 38.8 58.2

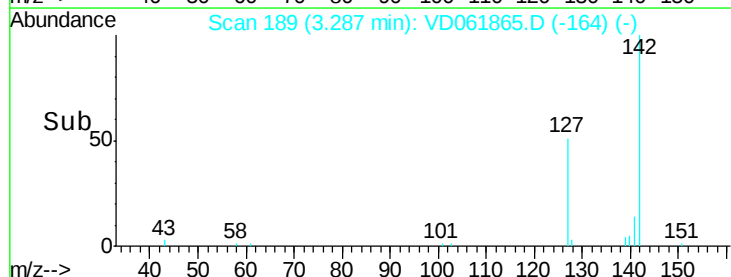
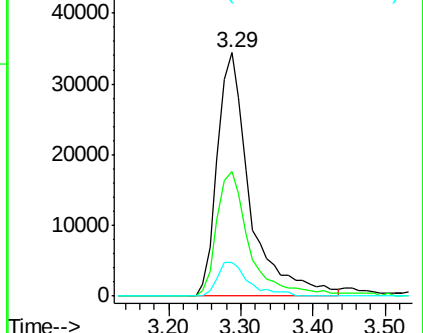
141 14.0 11.4 17.0

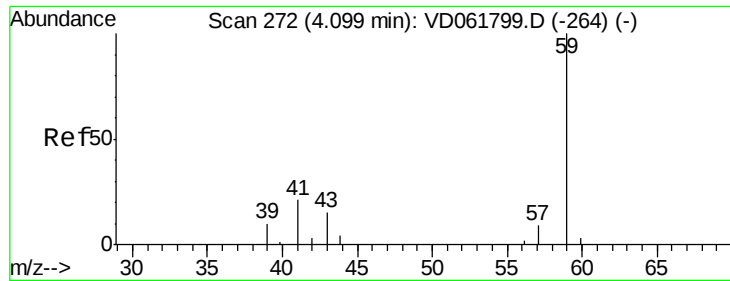


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



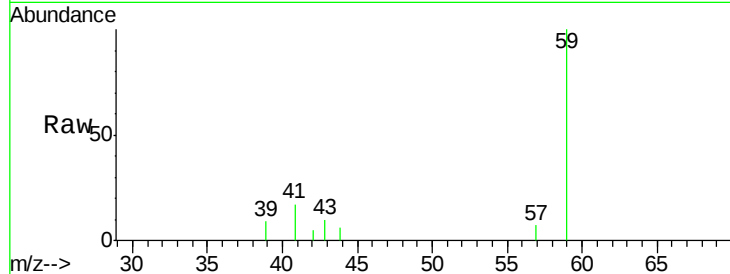


#11

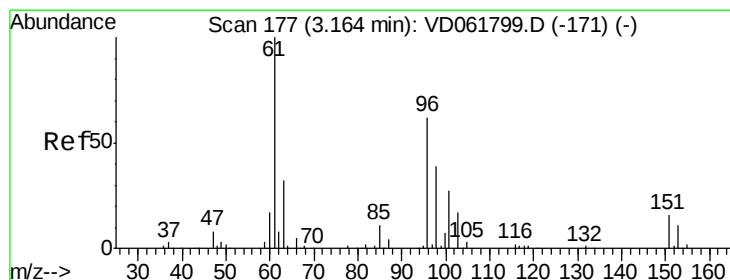
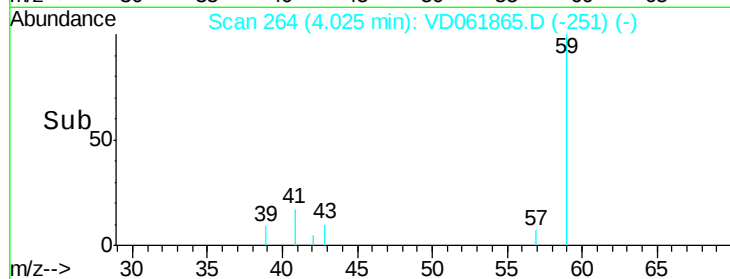
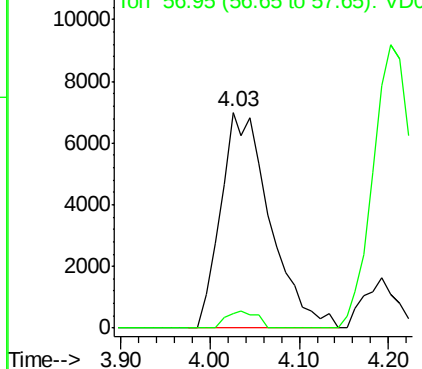
Tert butyl alcohol  
 Concen: 129.573 ug/l  
 RT: 4.03 min Scan# 264  
 Delta R.T. -0.07 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

Tot Ion: 59 Resp: 26831  
 Ion Ratio Lower Upper  
 59 100  
 57 6.8 6.9 10.3#



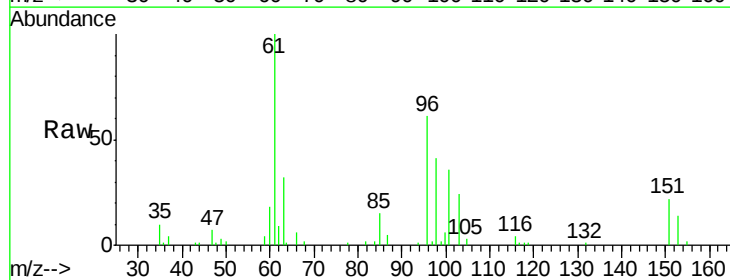
Abundance Ion 58.95 (58.65 to 59.65): VDC  
 Ion 56.95 (56.65 to 57.65): VDC



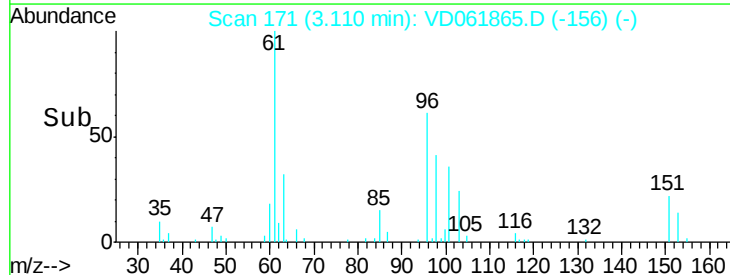
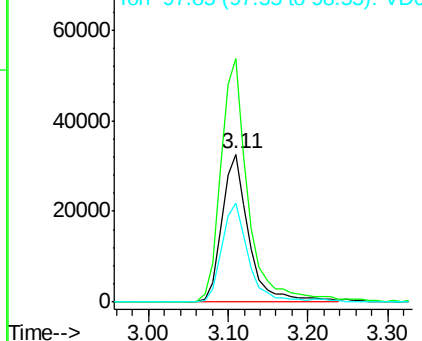
#12

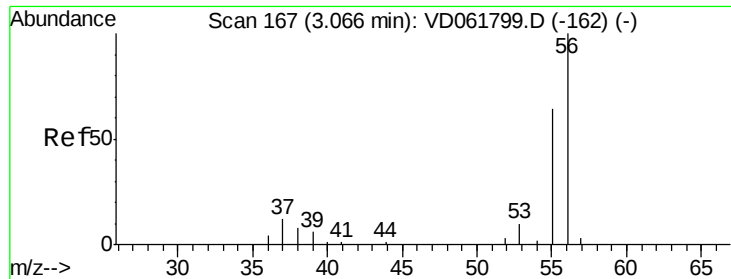
1,1-Dichloroethene  
 Concen: 19.718 ug/l  
 RT: 3.11 min Scan# 171  
 Delta R.T. -0.05 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Tgt Ion: 96 Resp: 77532  
 Ion Ratio Lower Upper  
 96 100  
 61 164.7 129.8 194.8  
 98 67.3 51.2 76.8



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





#13

Acrolein

Concen: 109.177 ug/l

RT: 3.01 min Scan# 161

Delta R.T. -0.05 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

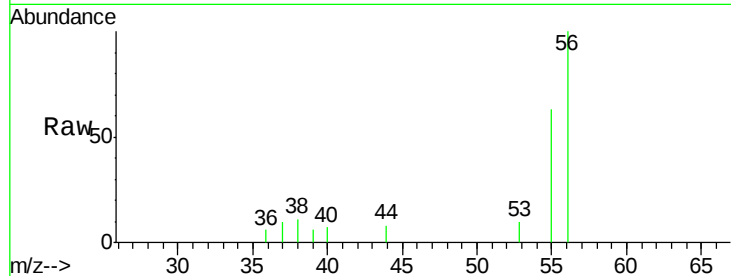
VD0417SBS01

Tot Ion: 56 Resp: 21886

Ion Ratio Lower Upper

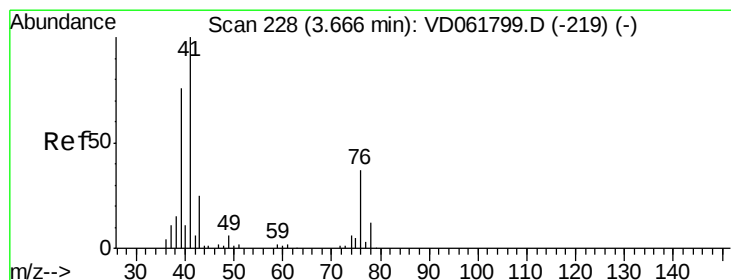
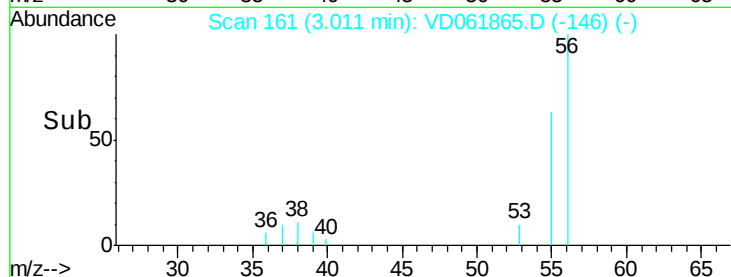
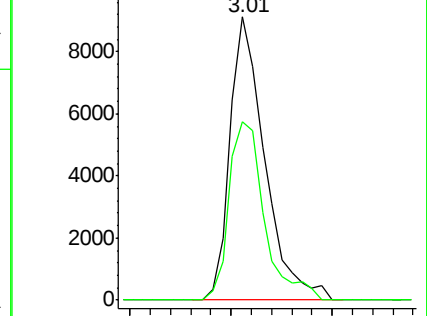
56 100

55 63.1 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.847 ug/l

RT: 3.60 min Scan# 221

Delta R.T. -0.06 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

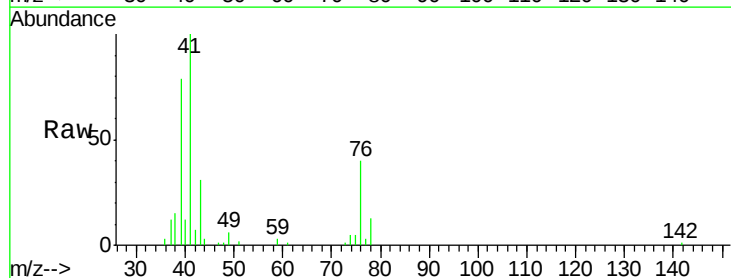
Tgt Ion: 41 Resp: 117094

Ion Ratio Lower Upper

41 100

39 78.6 60.5 90.7

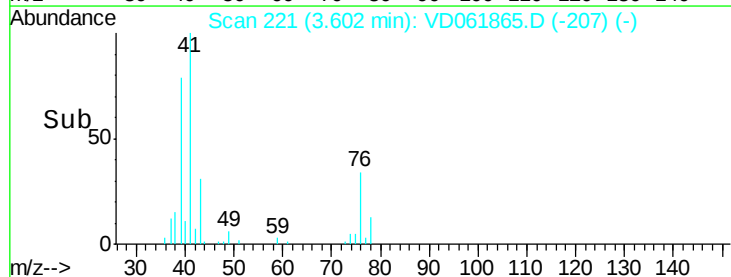
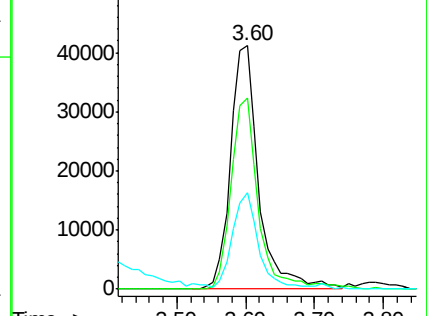
76 39.6 31.8 47.8

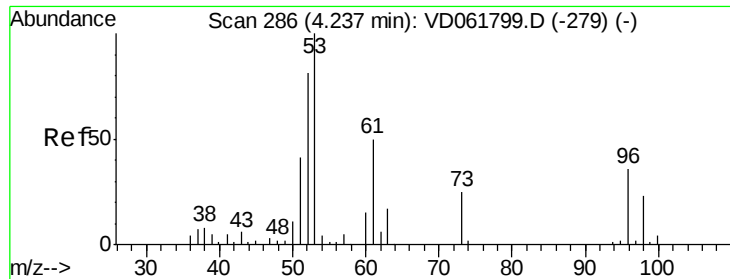


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 117.854 ug/l

RT: 4.16 min Scan# 278

Delta R.T. -0.07 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

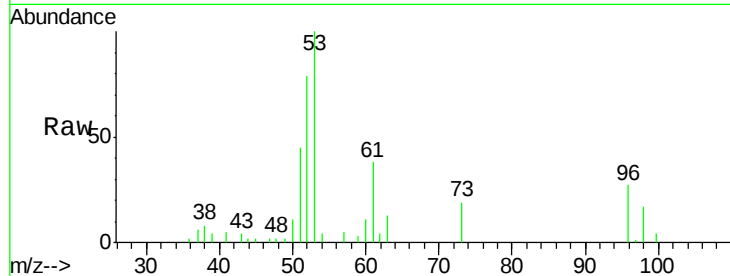
Tot Ion: 53 Resp: 76615

Ion Ratio Lower Upper

53 100

52 78.7 65.0 97.4

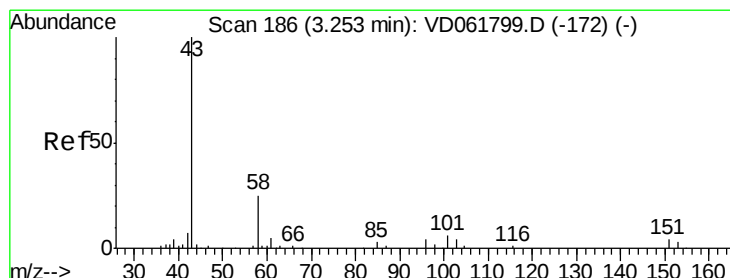
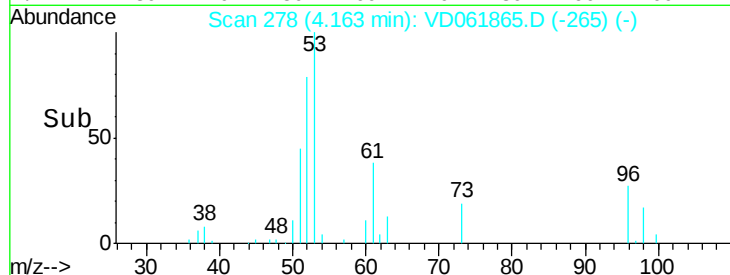
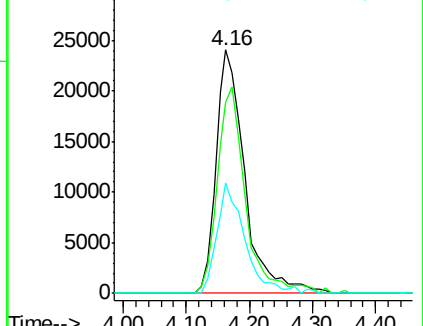
51 45.3 32.6 48.8



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: 104.802 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.05 min

Lab File: VD061865.D

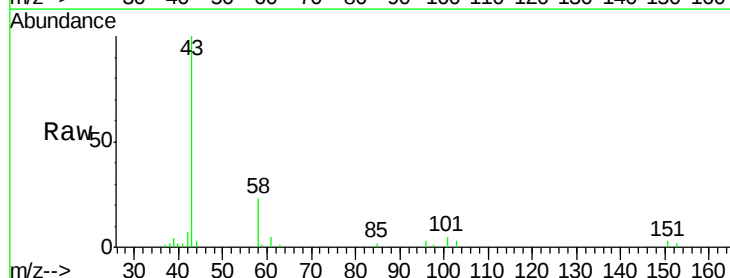
Acq: 17 Apr 2019 21:05

Tgt Ion: 43 Resp: 90697

Ion Ratio Lower Upper

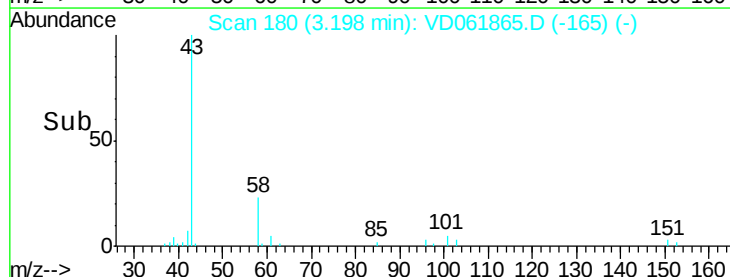
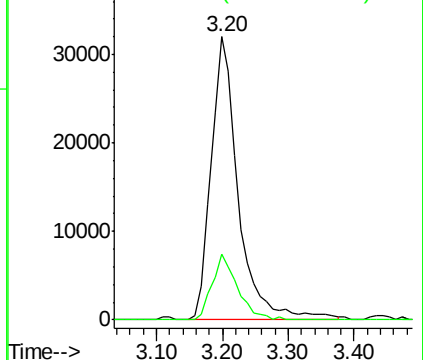
43 100

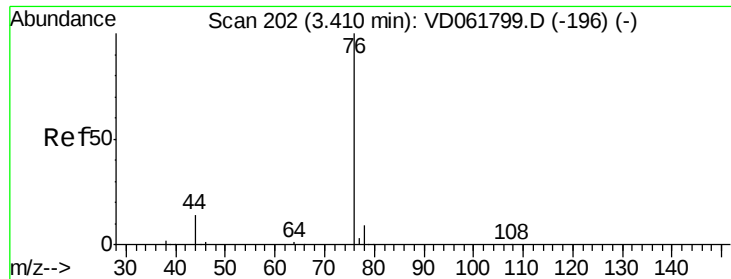
58 23.1 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

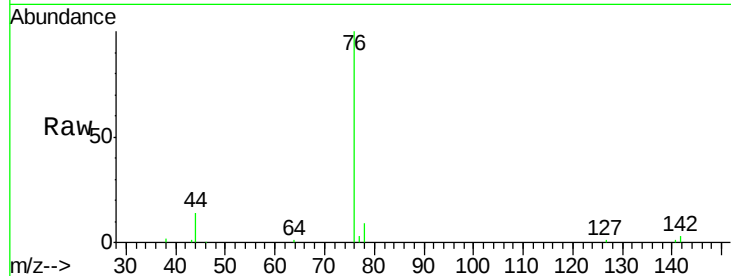




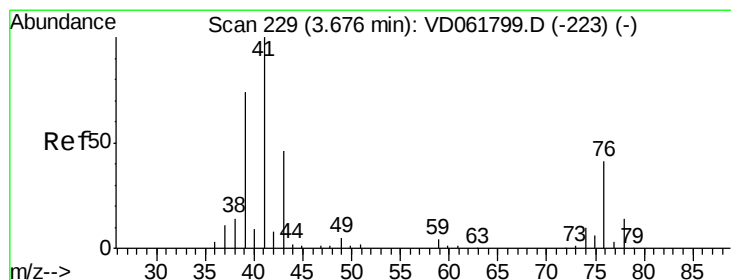
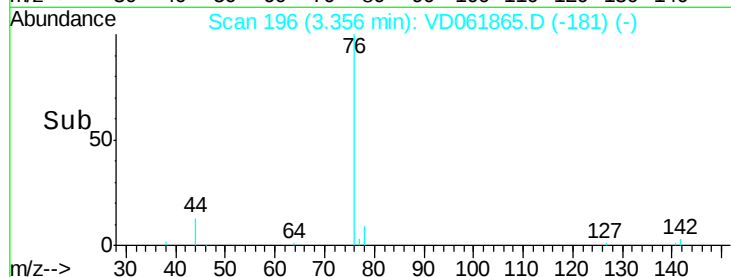
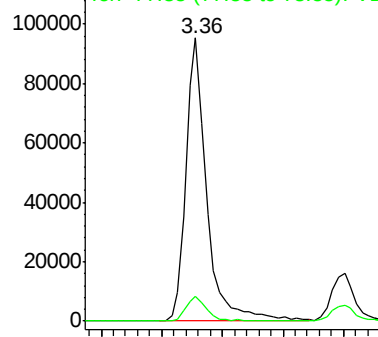
#17  
Carbon Disulfide  
Concen: 17.917 ug/l  
RT: 3.36 min Scan# 196  
Delta R.T. -0.05 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

Tot Ion: 76 Resp: 227629  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.2 10.8

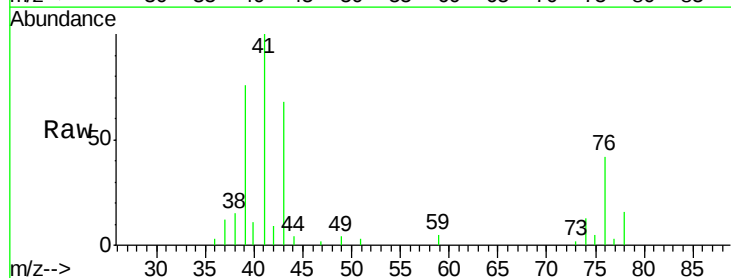


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

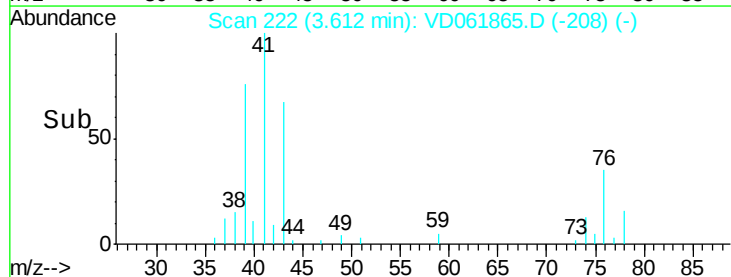
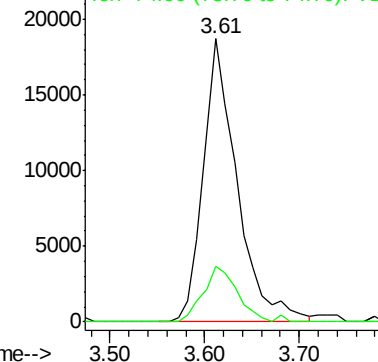


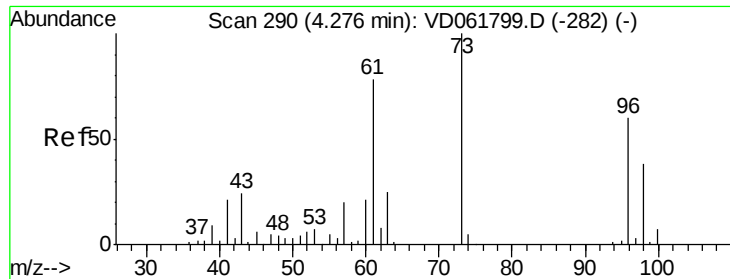
#18  
Methyl Acetate  
Concen: 26.843 ug/l  
RT: 3.61 min Scan# 222  
Delta R.T. -0.06 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion: 43 Resp: 46561  
Ion Ratio Lower Upper  
43 100  
74 19.7 18.0 27.0



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

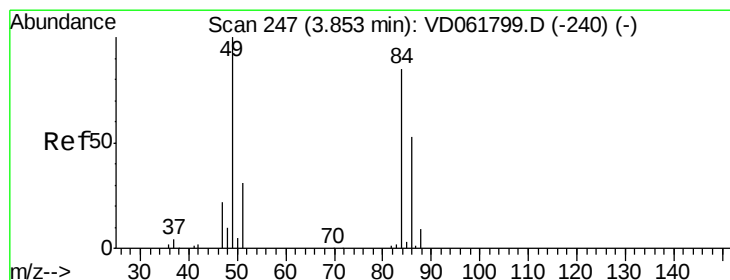
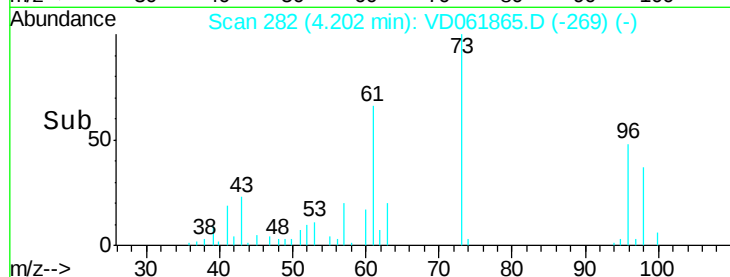
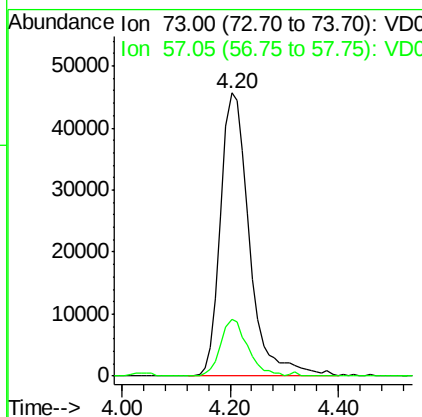
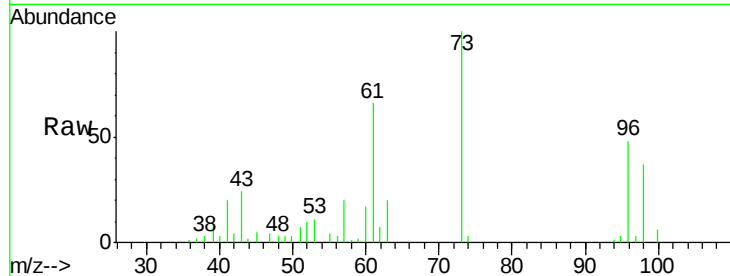




#19  
Methyl tert-butyl Ether  
Concen: 23.144 ug/l  
RT: 4.20 min Scan# 282  
Delta R.T. -0.07 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

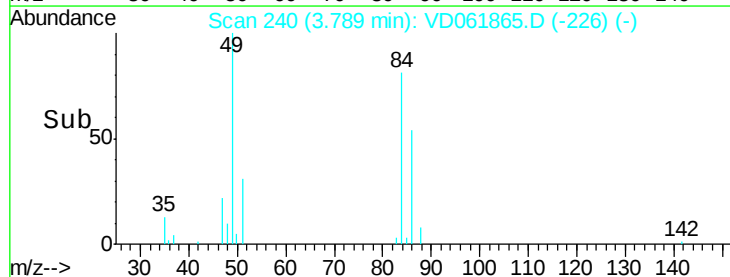
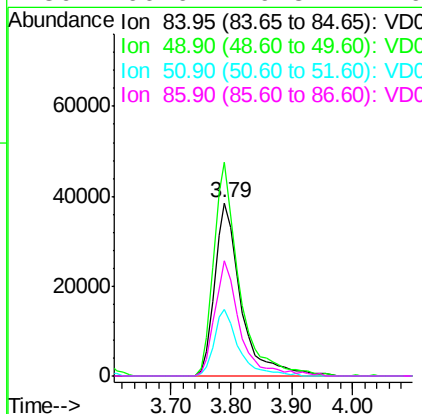
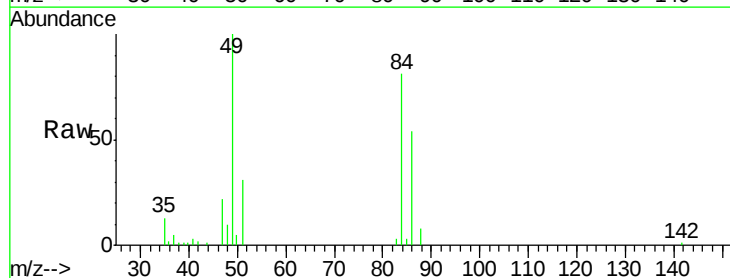
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

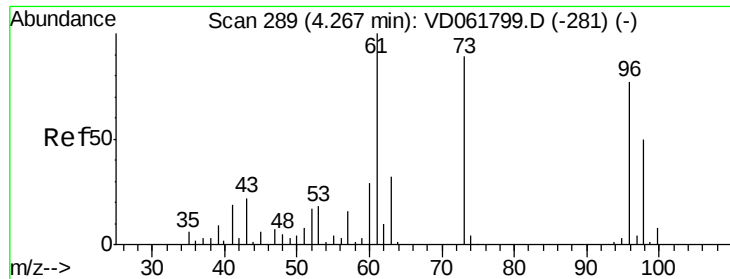
Tot Ion: 73 Resp: 169830  
Ion Ratio Lower Upper  
73 100  
57 20.1 16.3 24.5



#20  
Methylene Chloride  
Concen: 24.573 ug/l  
RT: 3.79 min Scan# 240  
Delta R.T. -0.06 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion: 84 Resp: 115739  
Ion Ratio Lower Upper  
84 100  
49 123.3 94.0 141.0  
51 38.4 29.0 43.4  
86 66.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 19.295 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.07 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

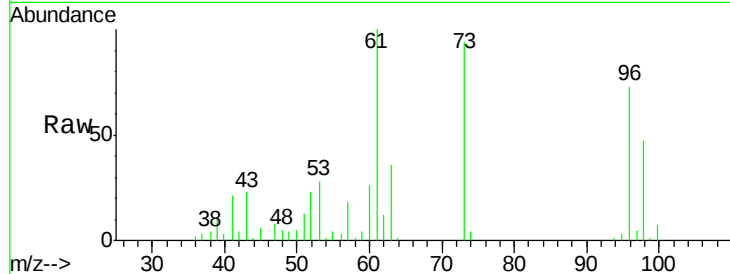
Tot Ion: 96 Resp: 83380

Ion Ratio Lower Upper

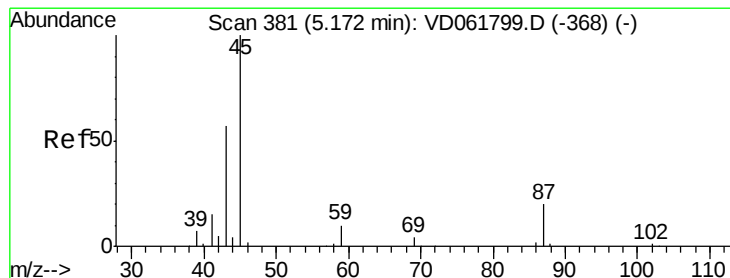
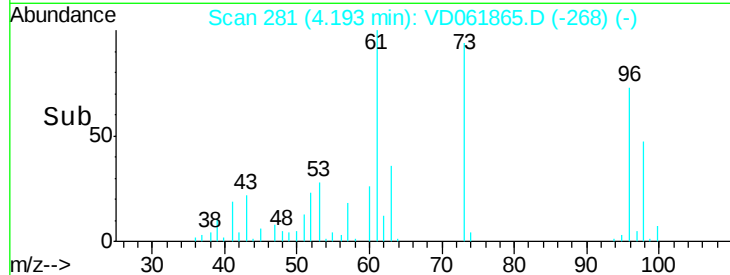
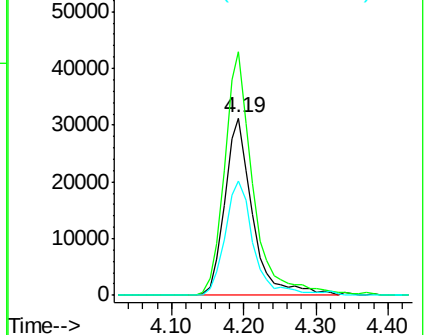
96 100

61 137.3 104.4 156.6

98 64.7 51.8 77.8



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: 22.013 ug/l

RT: 5.09 min Scan# 372

Delta R.T. -0.08 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Tgt Ion: 45 Resp: 252193

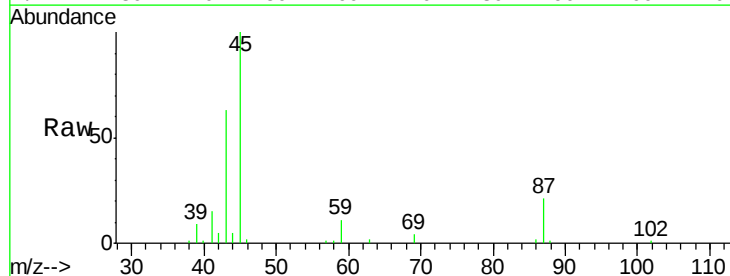
Ion Ratio Lower Upper

45 100

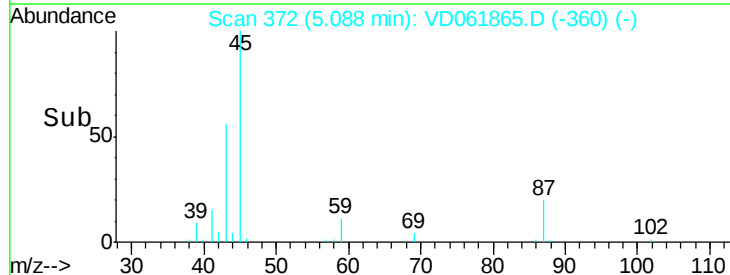
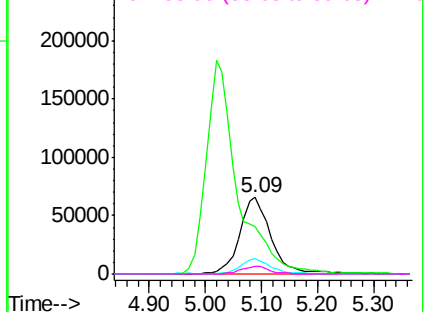
43 62.7 46.2 69.2

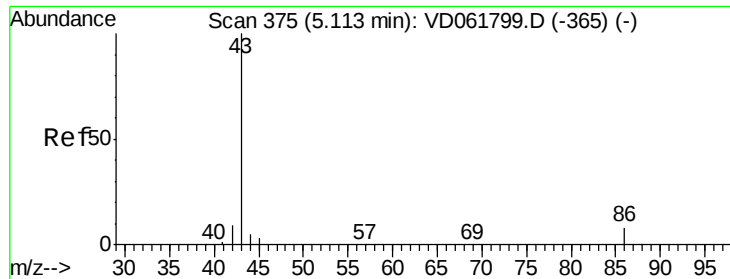
87 20.8 15.9 23.9

59 10.6 7.9 11.9



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

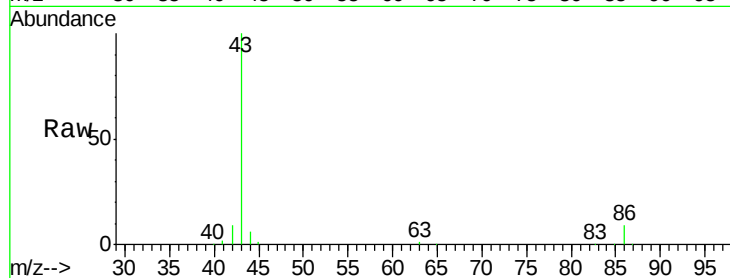




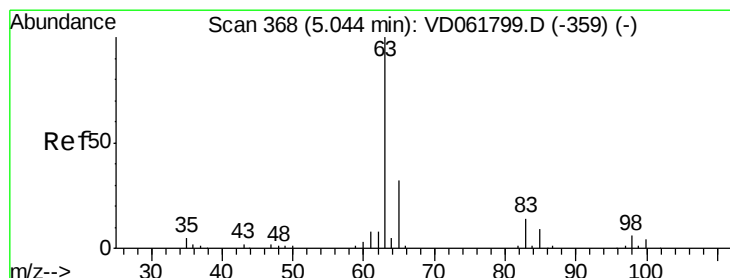
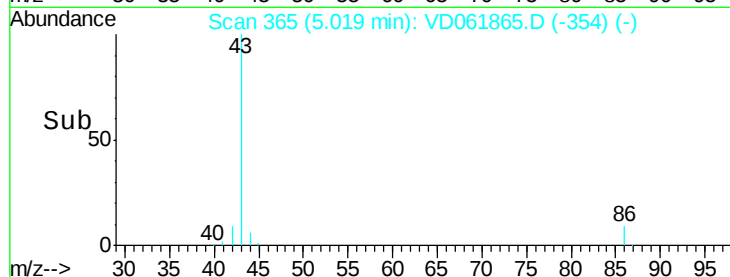
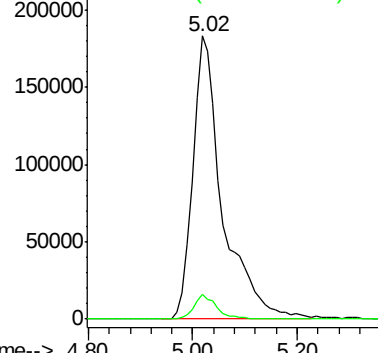
#23  
 Vinyl Acetate  
 Concen: 117.027 ug/l  
 RT: 5.02 min Scan# 365  
 Delta R.T. -0.09 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

Tot Ion: 43 Resp: 716723  
 Ion Ratio Lower Upper  
 43 100  
 86 8.6 6.4 9.6

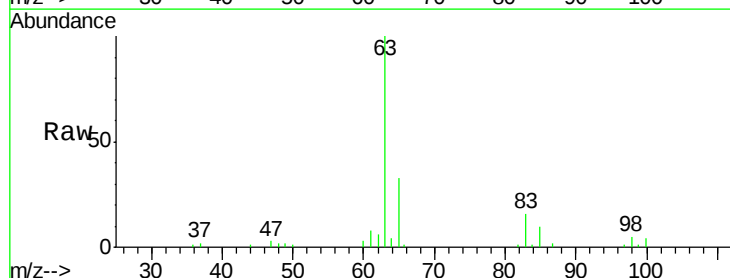


Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 86.00 (85.70 to 86.70): VDC

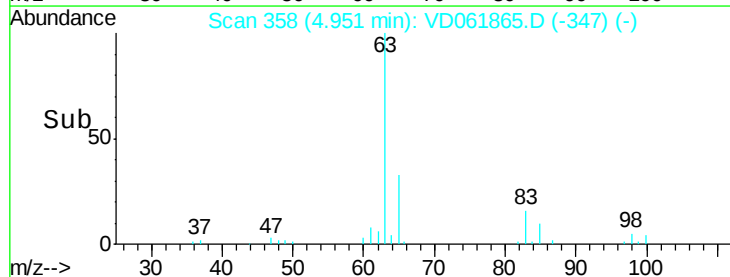
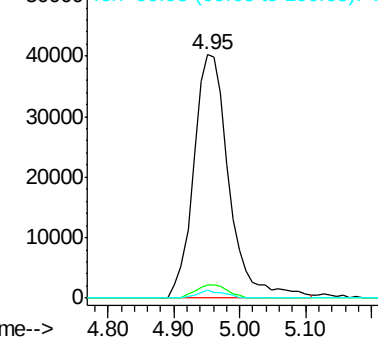


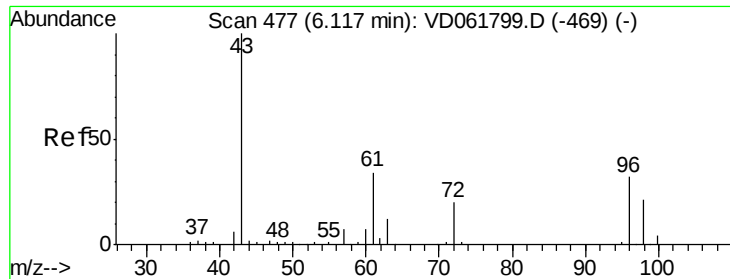
#24  
 1,1-Dichloroethane  
 Concen: 21.634 ug/l  
 RT: 4.95 min Scan# 358  
 Delta R.T. -0.09 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Tgt Ion: 63 Resp: 150274  
 Ion Ratio Lower Upper  
 63 100  
 98 5.2 2.8 8.4  
 100 3.6 1.8 5.5



Abundance Ion 62.95 (62.65 to 63.65): VDC  
 Ion 97.95 (97.65 to 98.65): VDC  
 Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 114.756 ug/l

RT: 6.04 min Scan# 469

Delta R.T. -0.07 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

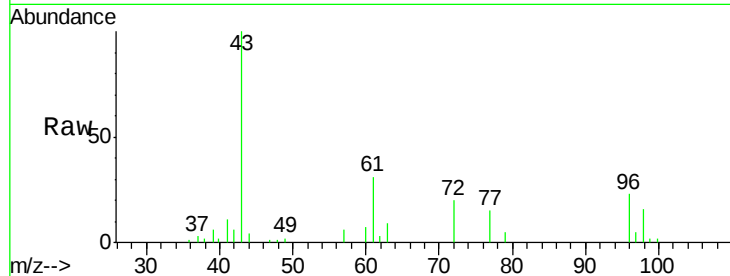
VD0417SBS01

Tot Ion: 43 Resp: 113063

Ion Ratio Lower Upper

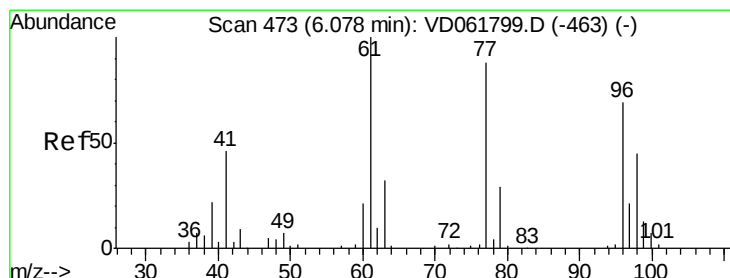
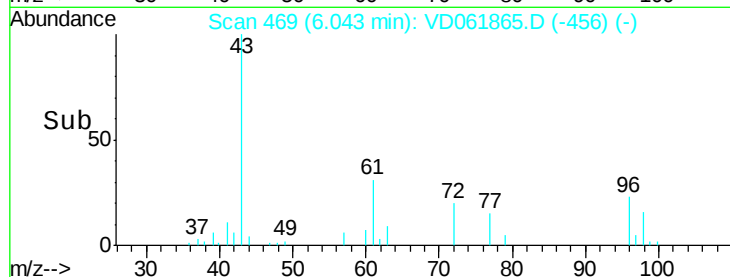
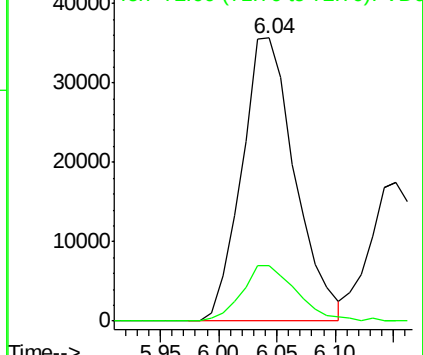
43 100

72 19.8 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.701 ug/l

RT: 6.00 min Scan# 465

Delta R.T. -0.07 min

Lab File: VD061865.D

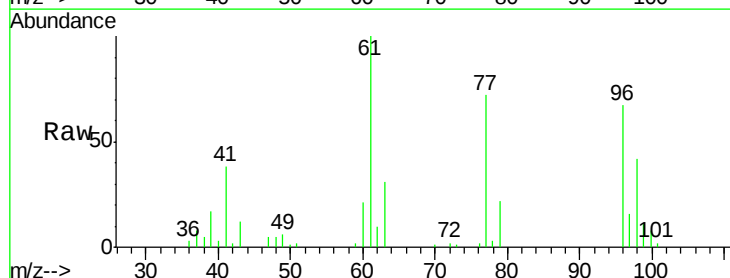
Acq: 17 Apr 2019 21:05

Tgt Ion: 77 Resp: 118282

Ion Ratio Lower Upper

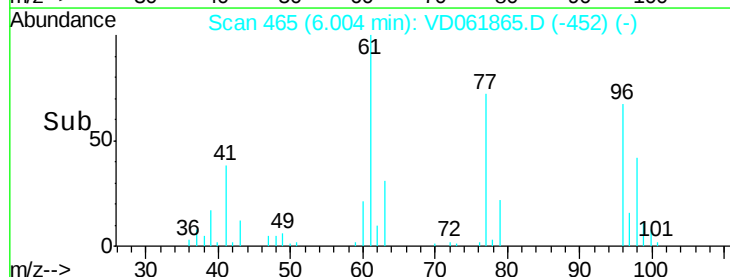
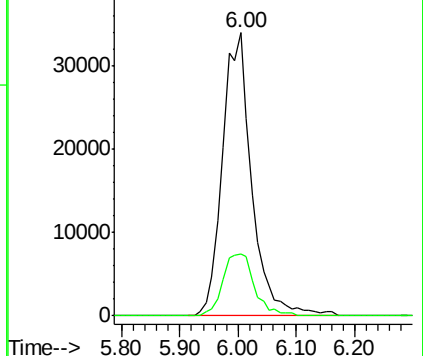
77 100

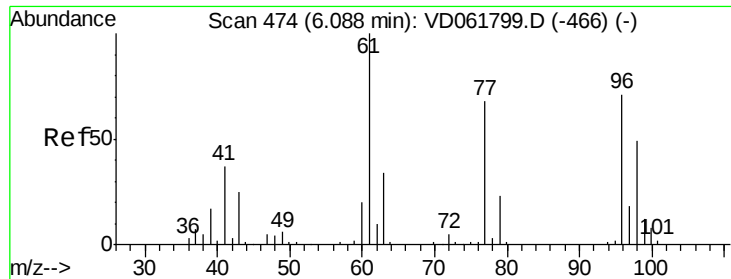
97 22.0 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

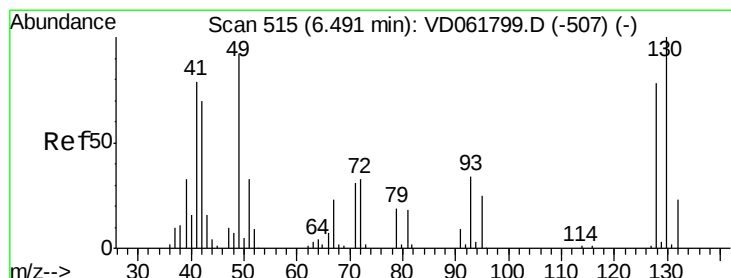
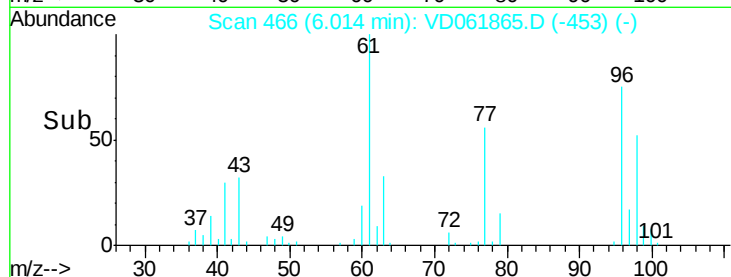
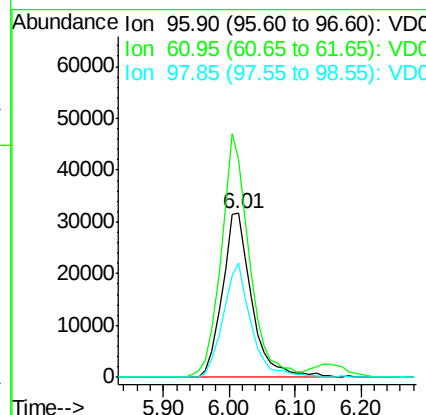
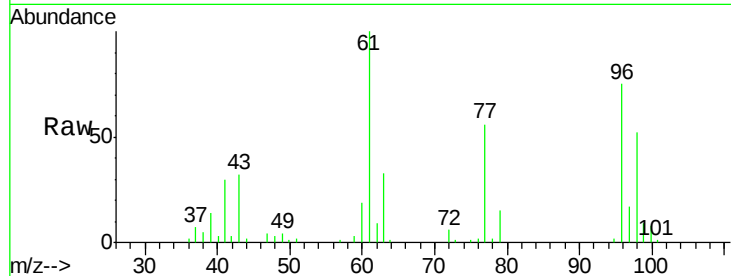




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.989 ug/l  
 RT: 6.01 min Scan# 466  
 Delta R.T. -0.07 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

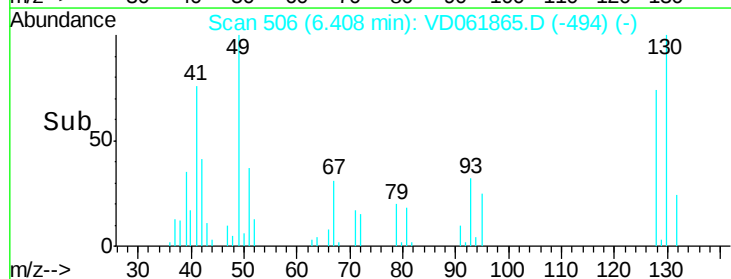
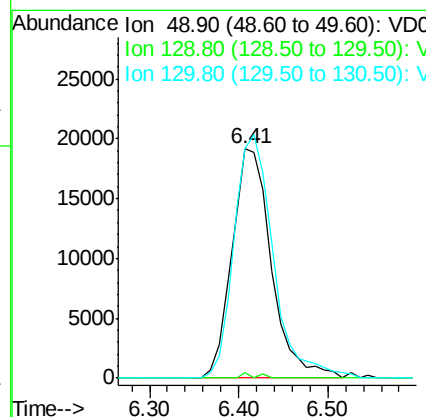
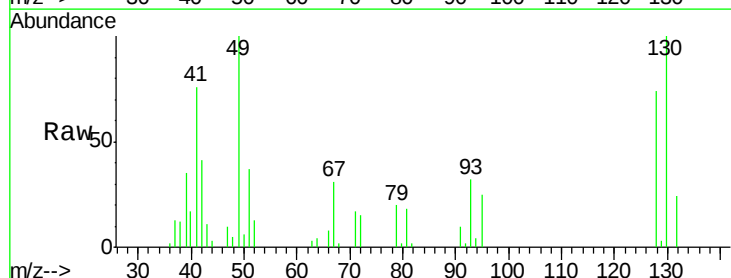
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

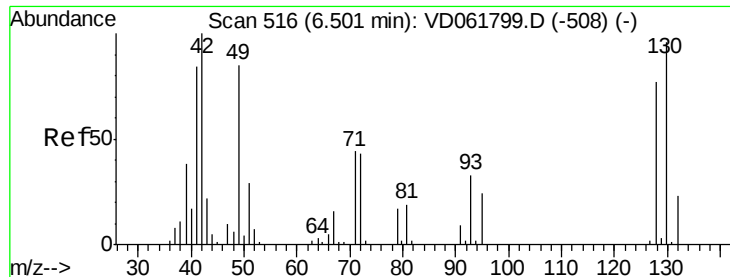
Tot Ion: 96 Resp: 98321  
 Ion Ratio Lower Upper  
 96 100  
 61 133.2 0.0 279.8  
 98 69.8 0.0 136.0



#28  
 Bromochloromethane  
 Concen: 22.412 ug/l  
 RT: 6.41 min Scan# 506  
 Delta R.T. -0.08 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Tgt Ion: 49 Resp: 59133  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 6.6  
 130 100.1 86.7 130.1

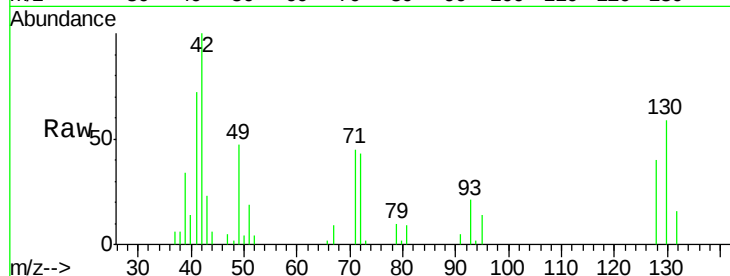




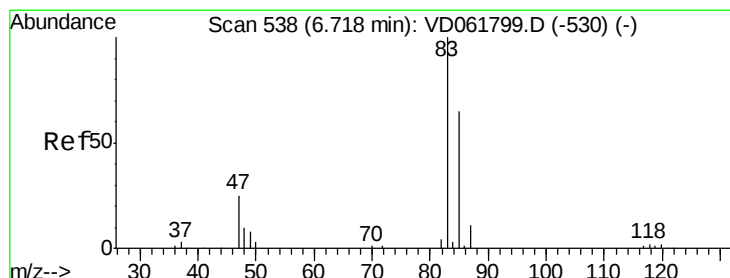
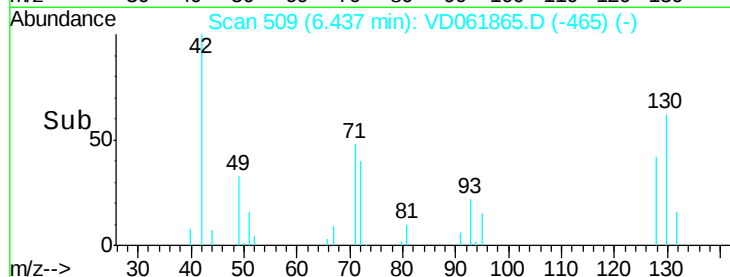
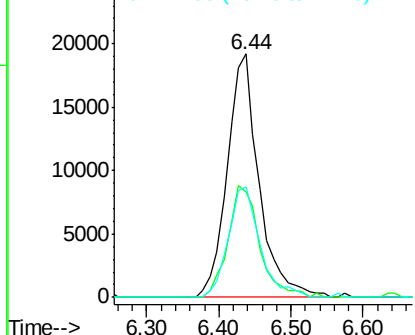
#29  
Tetrahydrofuran  
Concen: 122.533 ug/l  
RT: 6.44 min Scan# 509  
Delta R.T. -0.06 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

Tot Ion: 42 Resp: 58807  
Ion Ratio Lower Upper  
42 100  
72 45.5 37.8 56.6  
71 45.0 36.7 55.1

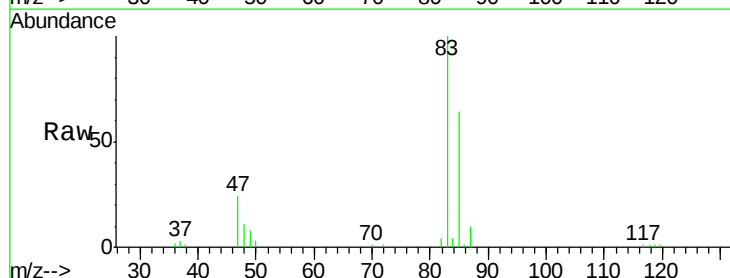


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

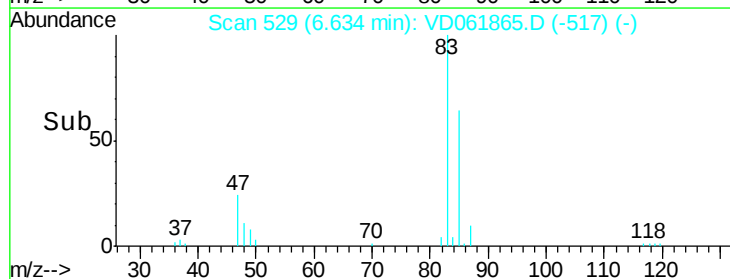
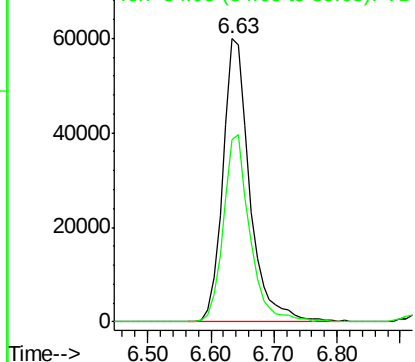


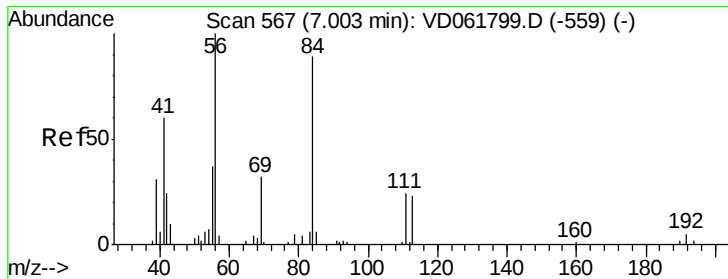
#30  
Chloroform  
Concen: 22.789 ug/l  
RT: 6.63 min Scan# 529  
Delta R.T. -0.08 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion: 83 Resp: 176561  
Ion Ratio Lower Upper  
83 100  
85 64.3 51.7 77.5



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

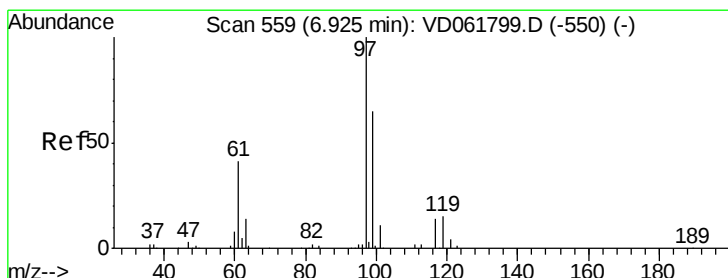
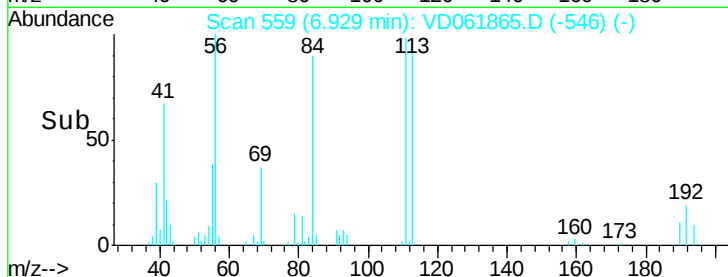
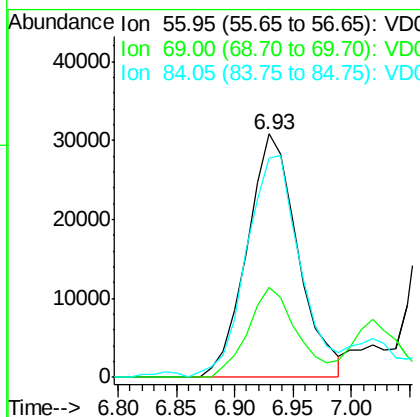
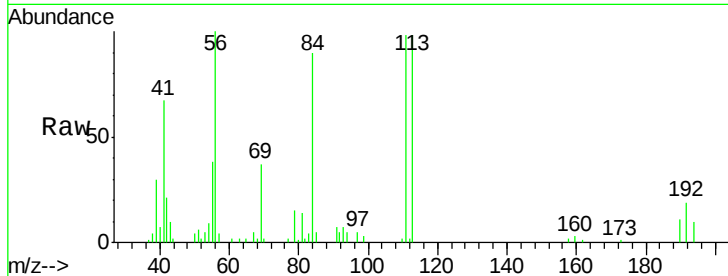




#31  
Cyclohexane  
Concen: 17.505 ug/l  
RT: 6.93 min Scan# 559  
Delta R.T. -0.07 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

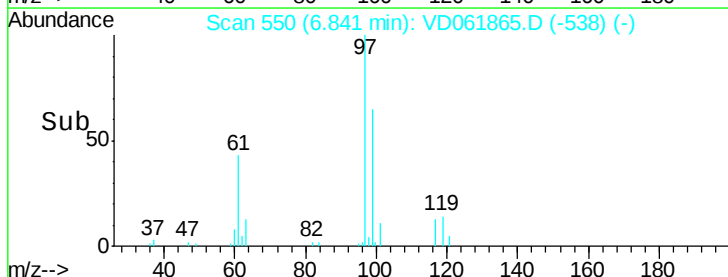
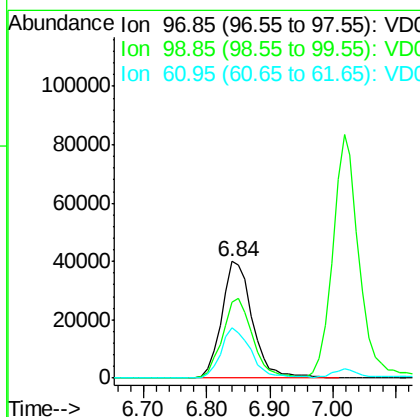
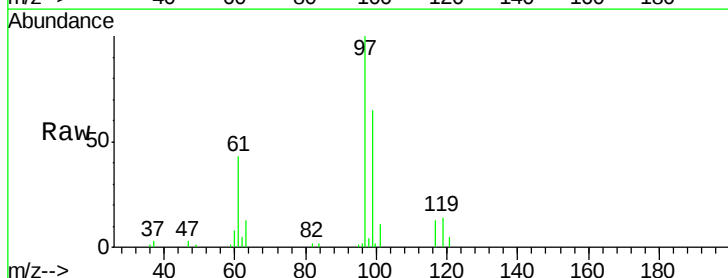
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

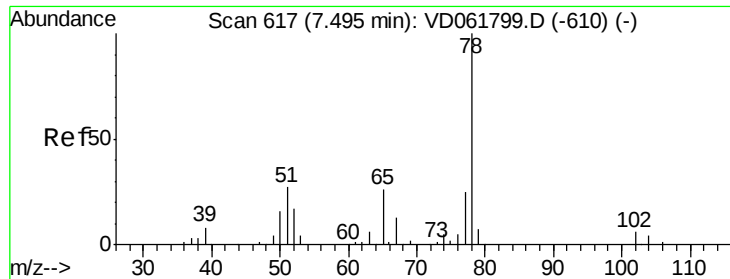
Tot Ion: 56 Resp: 93084  
Ion Ratio Lower Upper  
56 100  
69 37.1 25.8 38.6  
84 90.3 72.2 108.4



#32  
1,1,1-Trichloroethane  
Concen: 19.569 ug/l  
RT: 6.84 min Scan# 550  
Delta R.T. -0.08 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion: 97 Resp: 134397  
Ion Ratio Lower Upper  
97 100  
99 65.1 52.2 78.2  
61 43.0 32.4 48.6





#33

1,2-Dichloroethane-d4

Concen: 19.569 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.06 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

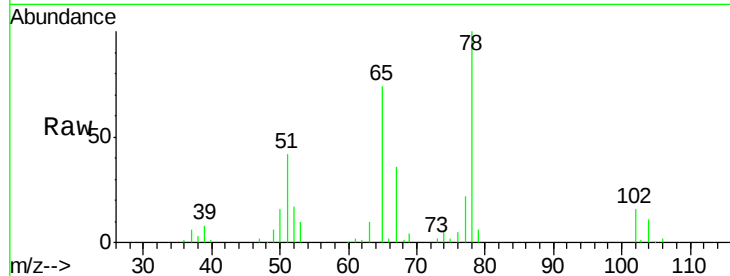
VD0417SBS01

Tot Ion: 65 Resp: 223885

Ion Ratio Lower Upper

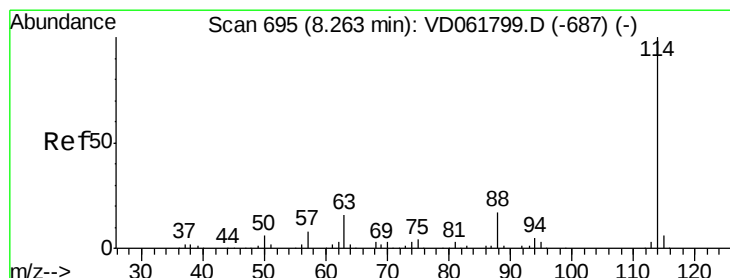
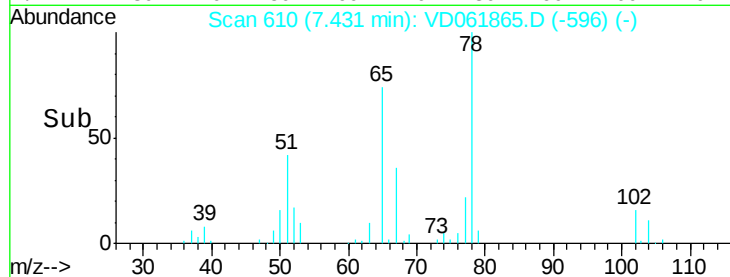
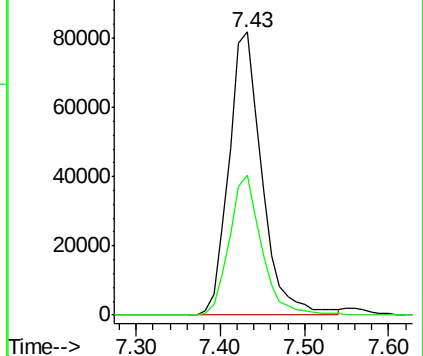
65 100

67 49.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. -0.07 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

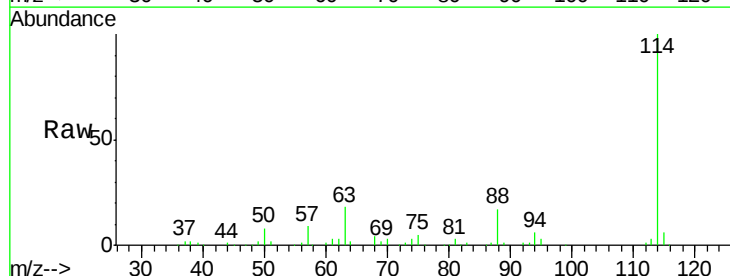
Tgt Ion: 114 Resp: 633830

Ion Ratio Lower Upper

114 100

63 18.0 0.0 32.4

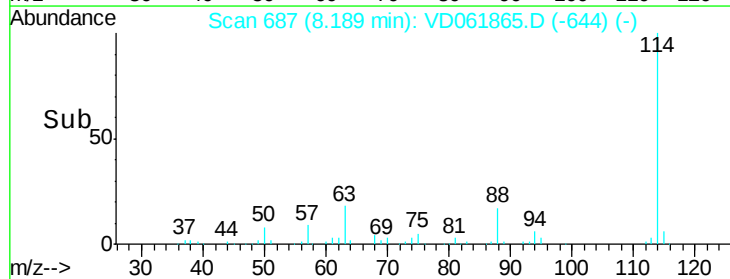
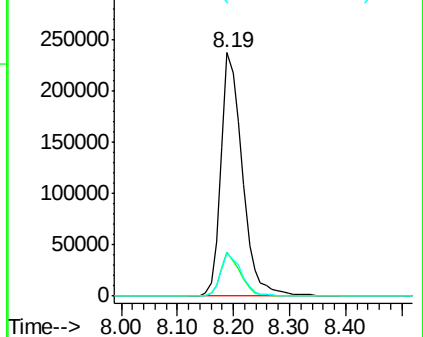
88 17.4 0.0 33.6

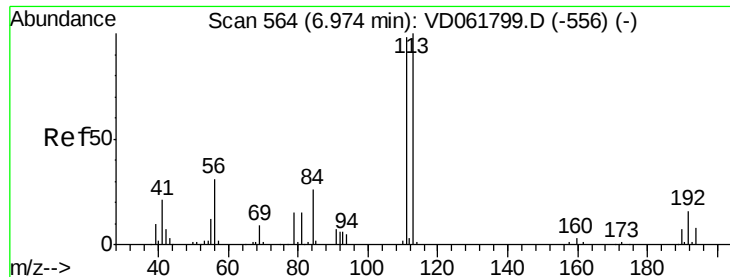


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

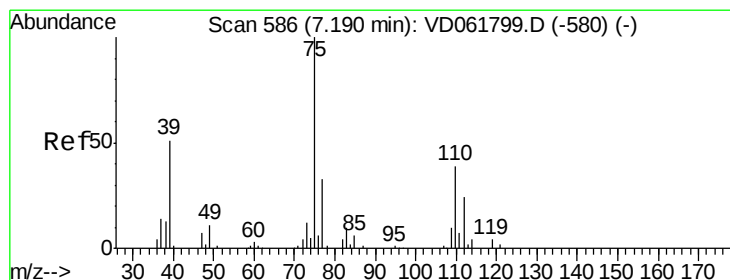
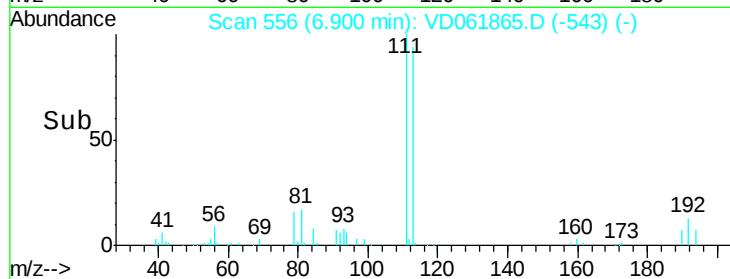
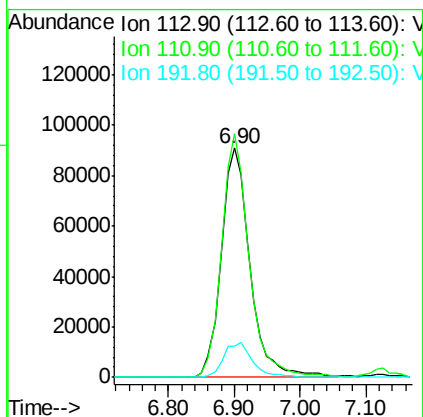
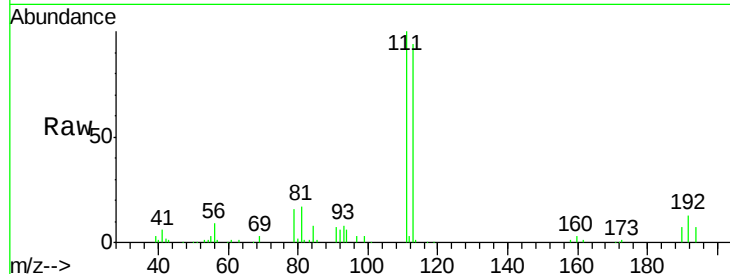




#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 6.90 min Scan# 556  
 Delta R.T. -0.07 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

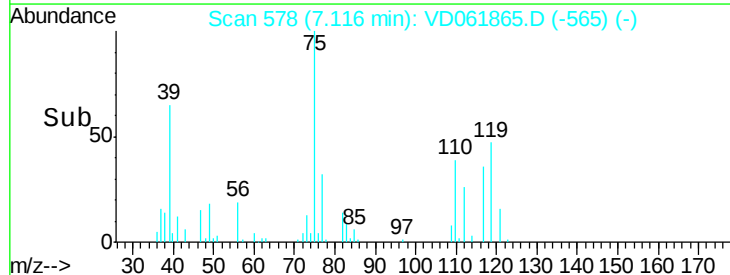
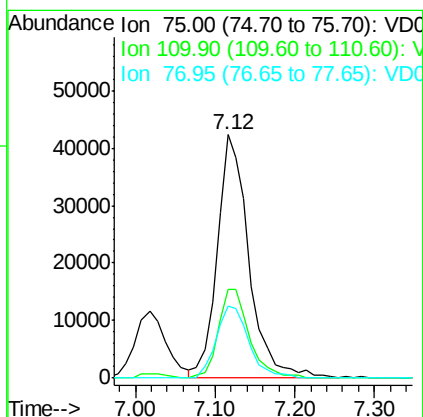
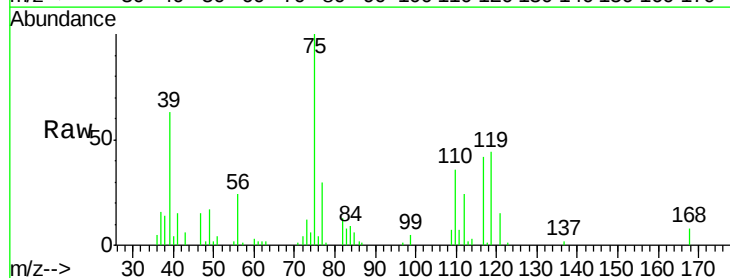
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

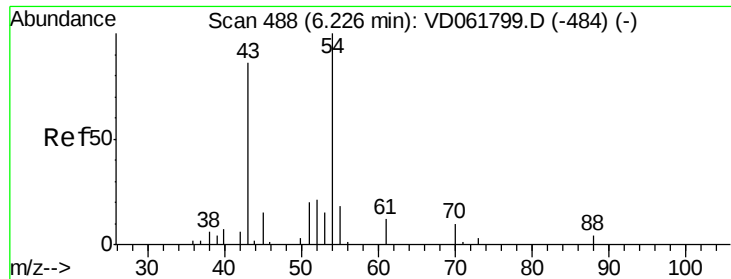
Tot Ion:113 Resp: 277135  
 Ion Ratio Lower Upper  
 113 100  
 111 106.1 78.5 117.7  
 192 13.7 13.0 19.4



#36  
 1,1-Dichloropropene  
 Concen: 22.794 ug/l  
 RT: 7.12 min Scan# 578  
 Delta R.T. -0.07 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Tgt Ion: 75 Resp: 118061  
 Ion Ratio Lower Upper  
 75 100  
 110 36.4 19.1 57.1  
 77 29.8 25.6 38.4

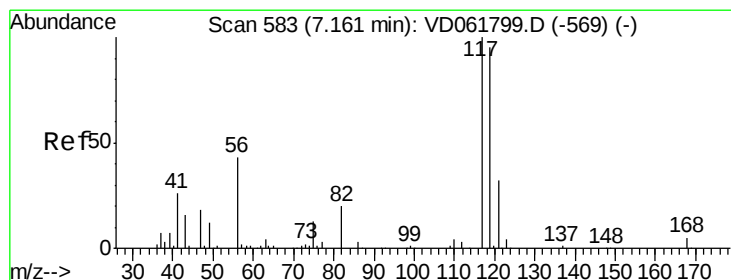
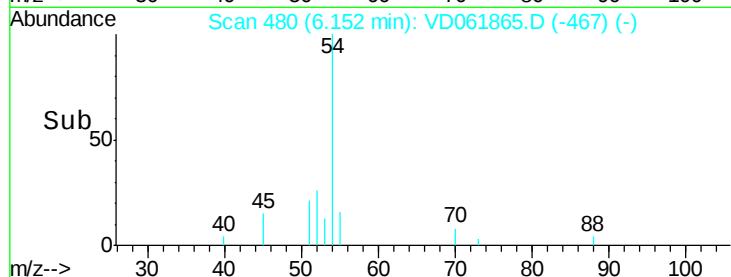
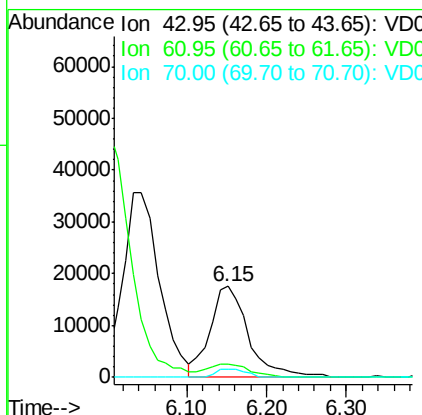
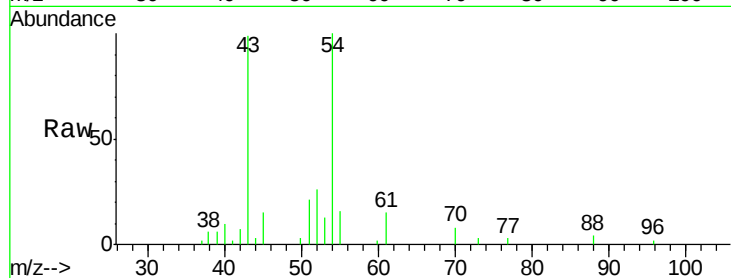




#37  
Ethyl Acetate  
Concen: 26.763 ug/l  
RT: 6.15 min Scan# 480  
Delta R.T. -0.07 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

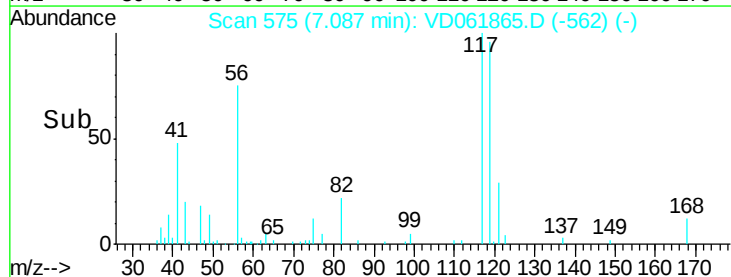
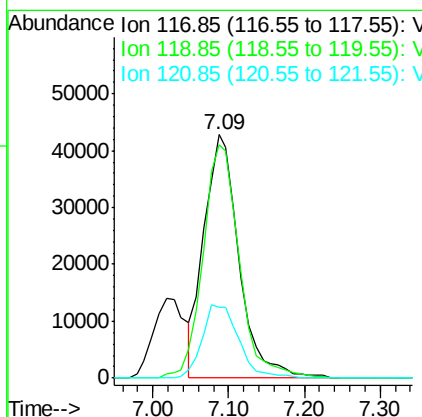
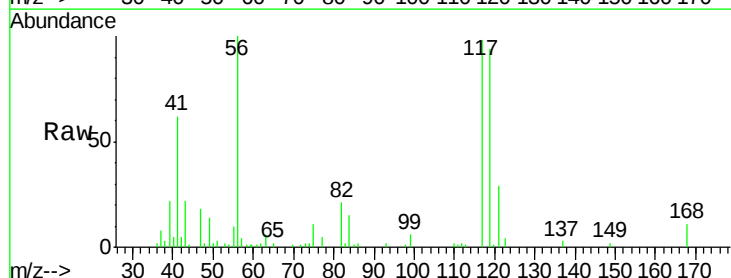
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

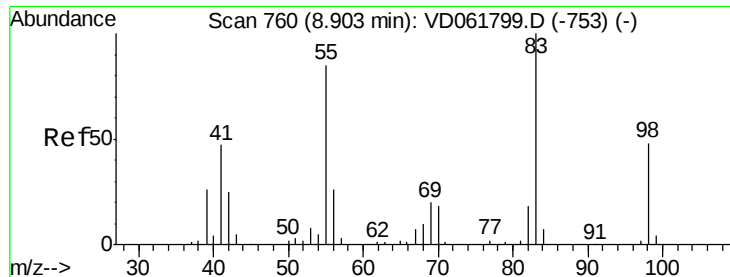
Tot Ion: 43 Resp: 59327  
Ion Ratio Lower Upper  
43 100  
61 15.0 14.7 22.1  
70 8.4 7.8 11.6



#38  
Carbon Tetrachloride  
Concen: 21.096 ug/l  
RT: 7.09 min Scan# 575  
Delta R.T. -0.07 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion: 117 Resp: 137969  
Ion Ratio Lower Upper  
117 100  
119 95.8 75.8 113.8  
121 29.3 25.9 38.9

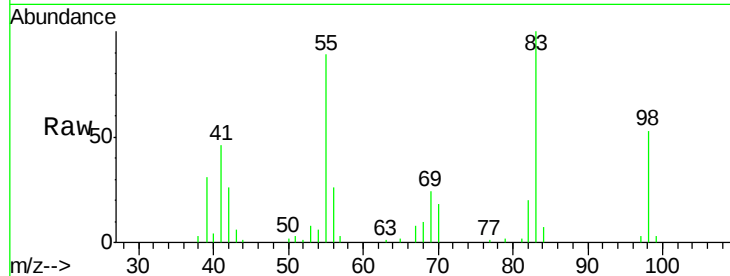




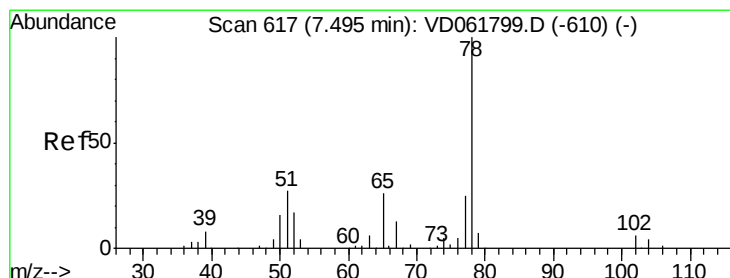
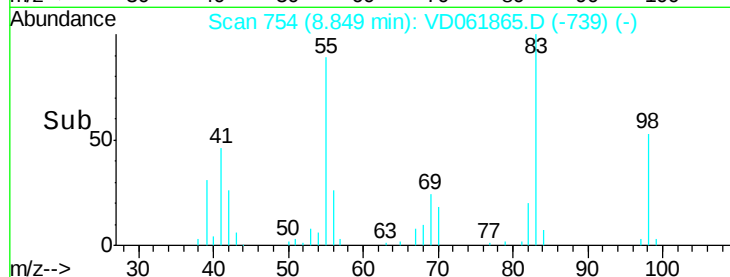
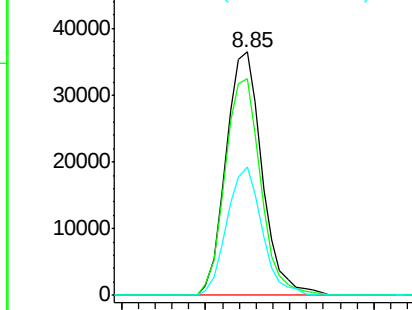
#39  
Methvlcvclohexane  
Concen: 20.175 ug/l  
RT: 8.85 min Scan# 754  
Delta R.T. -0.05 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

Tot Ion: 83 Resp: 108511  
Ion Ratio Lower Upper  
83 100  
55 89.0 68.2 102.4  
98 52.8 38.2 57.4

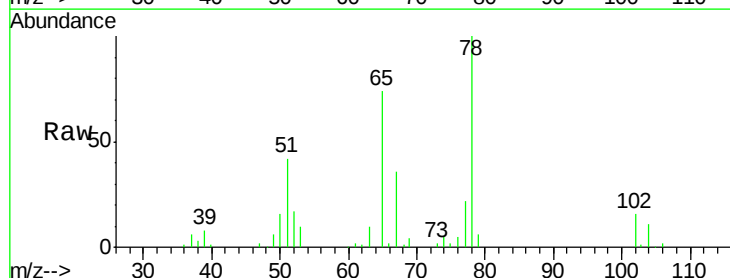


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

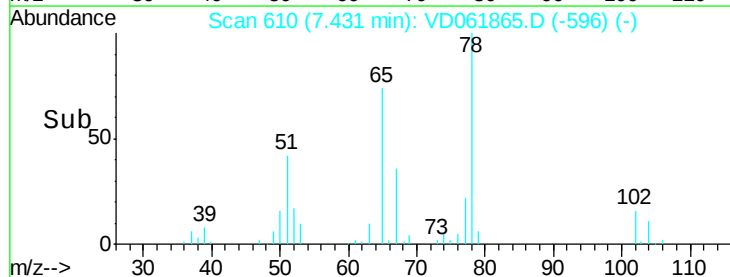
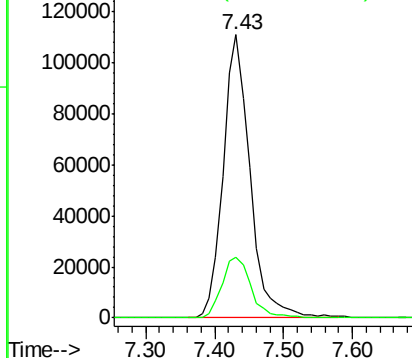


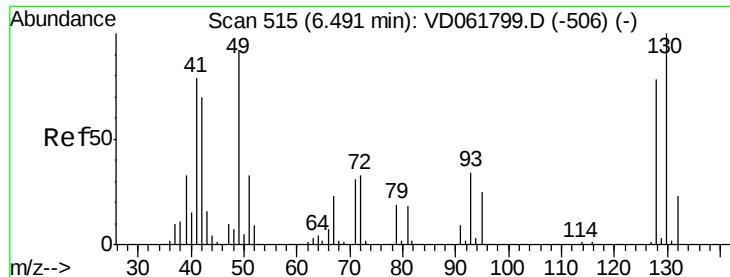
#40  
Benzene  
Concen: 24.067 ug/l  
RT: 7.43 min Scan# 610  
Delta R.T. -0.06 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion: 78 Resp: 299260  
Ion Ratio Lower Upper  
78 100  
77 21.6 19.7 29.5



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





#41

Methacrylonitrile

Concen: 25.442 ug/l

RT: 6.43 min Scan# 508

Delta R.T. -0.06 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion: 41 Resp: 66661

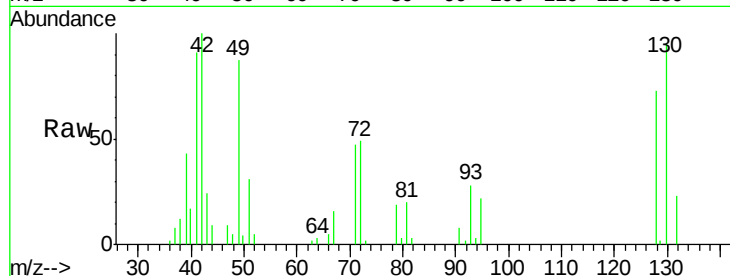
Ion Ratio Lower Upper

41 100

39 46.7 34.1 51.1

67 17.7 23.8 35.6#

52 5.9 8.8 13.2#

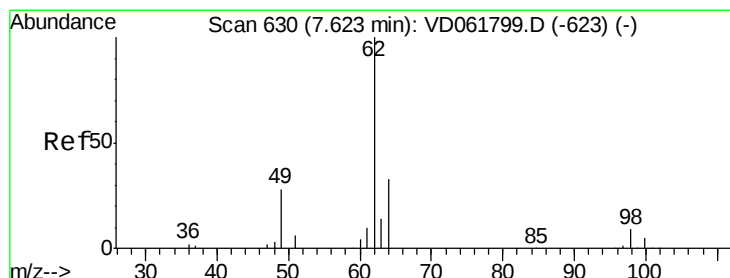
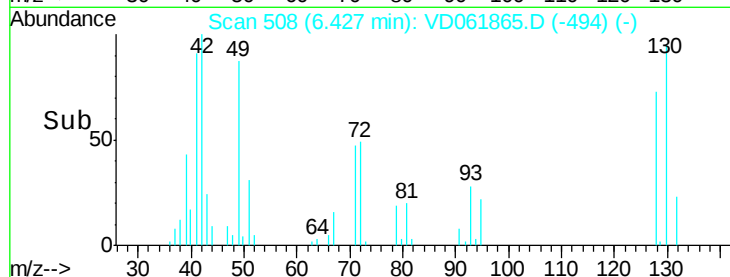
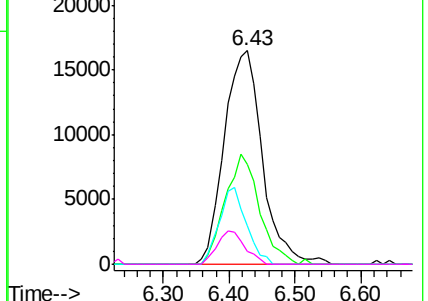


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 25.575 ug/l

RT: 7.56 min Scan# 623

Delta R.T. -0.06 min

Lab File: VD061865.D

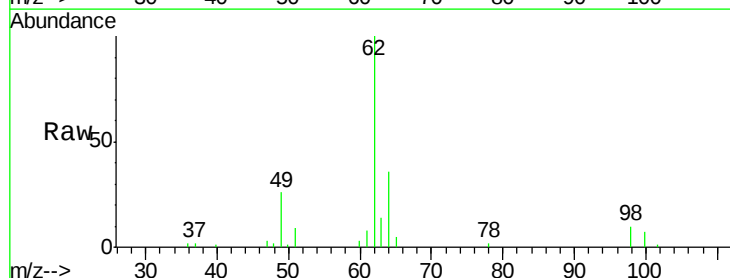
Acq: 17 Apr 2019 21:05

Tgt Ion: 62 Resp: 110757

Ion Ratio Lower Upper

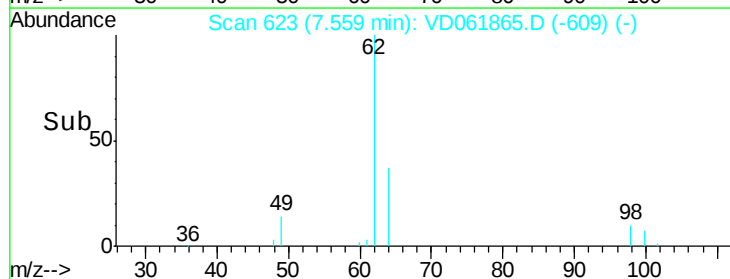
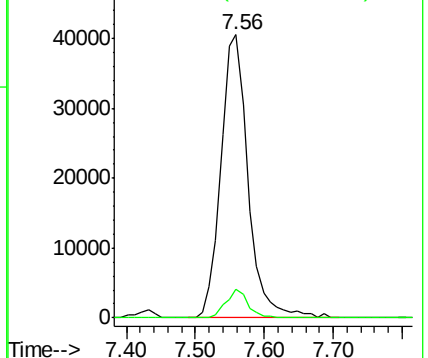
62 100

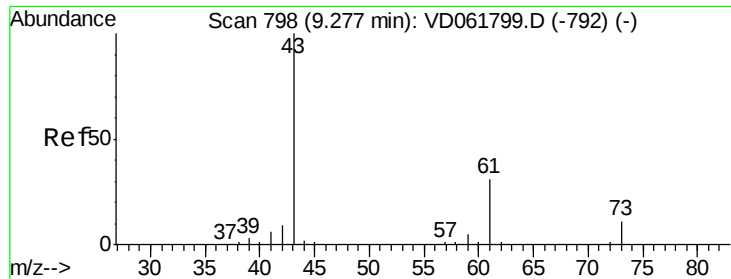
98 9.9 0.0 17.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 25.024 ug/l

RT: 9.22 min Scan# 792

Delta R.T. -0.05 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

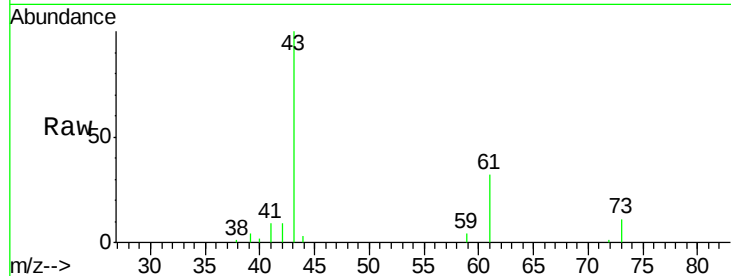
Tot Ion: 43 Resp: 78062

Ion Ratio Lower Upper

43 100

61 32.3 25.1 37.7

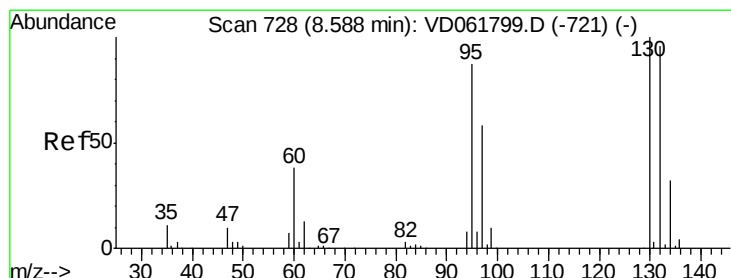
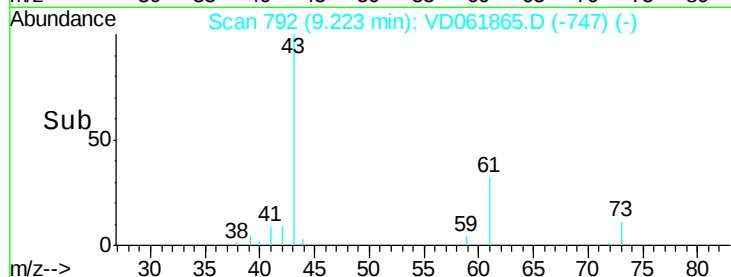
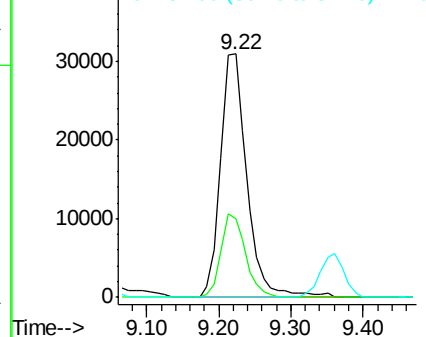
87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 22.258 ug/l

RT: 8.51 min Scan# 720

Delta R.T. -0.07 min

Lab File: VD061865.D

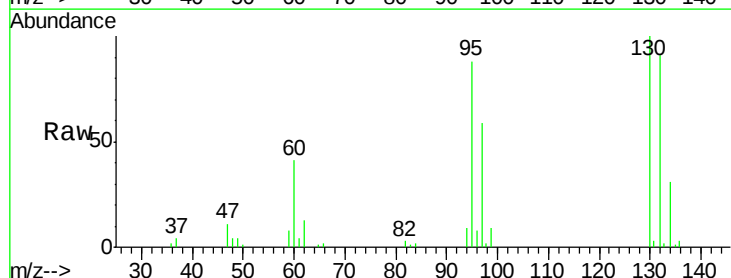
Acq: 17 Apr 2019 21:05

Tgt Ion:130 Resp: 106545

Ion Ratio Lower Upper

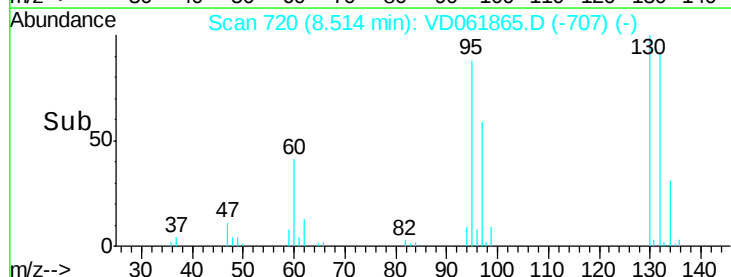
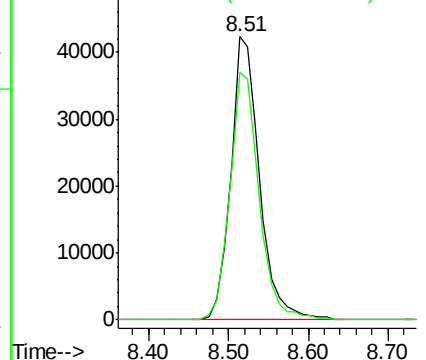
130 100

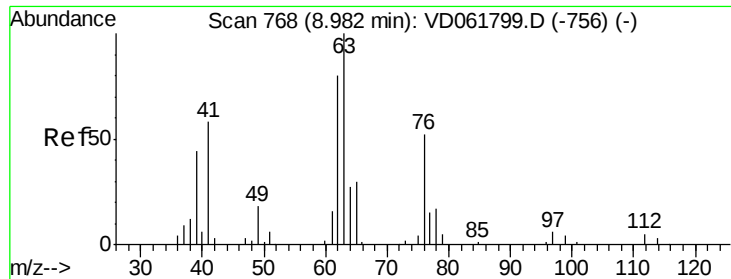
95 87.5 0.0 174.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 22.234 ug/l

RT: 8.92 min Scan# 761

Delta R.T. -0.06 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

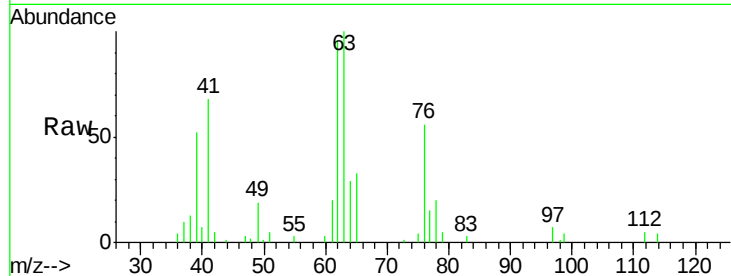
VD0417SBS01

Tot Ion: 63 Resp: 72013

Ion Ratio Lower Upper

63 100

65 33.4 23.8 35.6

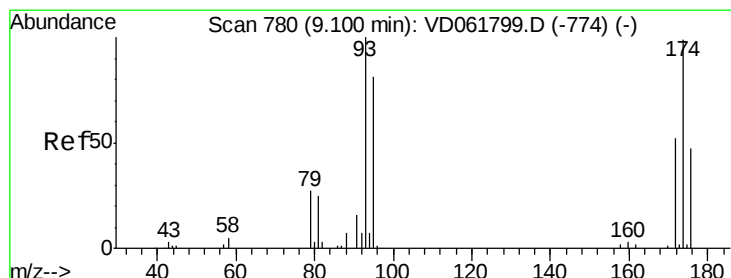
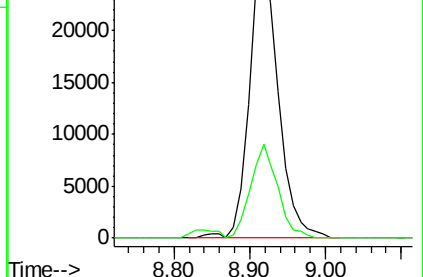
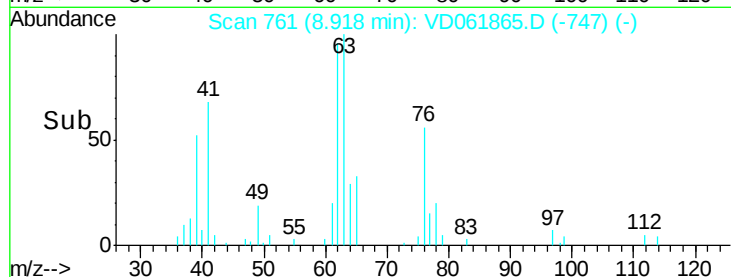


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.92

Time-->



#46

Dibromomethane

Concen: 25.978 ug/l

RT: 9.05 min Scan# 774

Delta R.T. -0.05 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

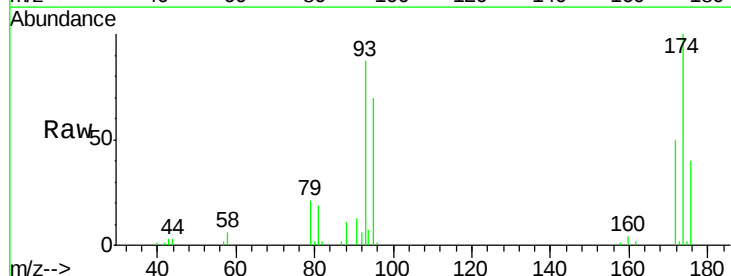
Tgt Ion: 93 Resp: 59954

Ion Ratio Lower Upper

93 100

95 80.8 64.8 97.2

174 115.4 79.3 118.9



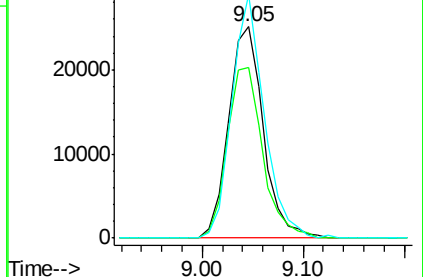
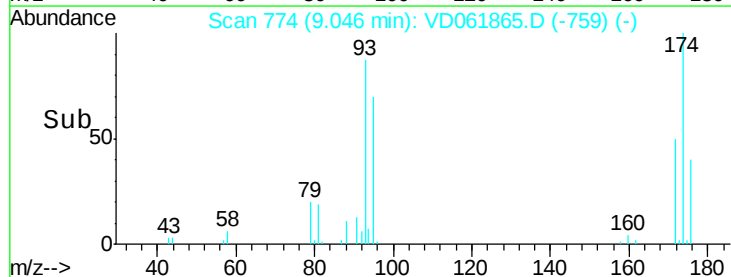
Abundance Ion 92.90 (92.60 to 93.60): VDC

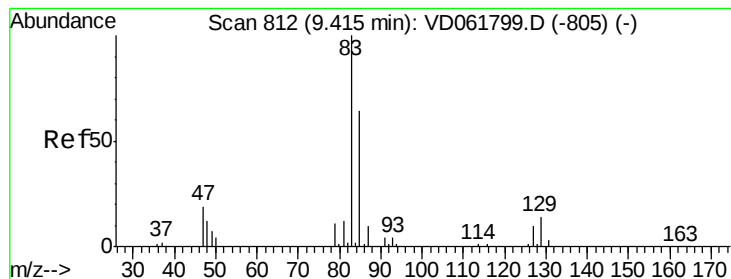
Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

9.05

Time-->





#47

Bromodichloromethane

Concen: 24.211 ug/l

RT: 9.36 min Scan# 806

Delta R.T. -0.05 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

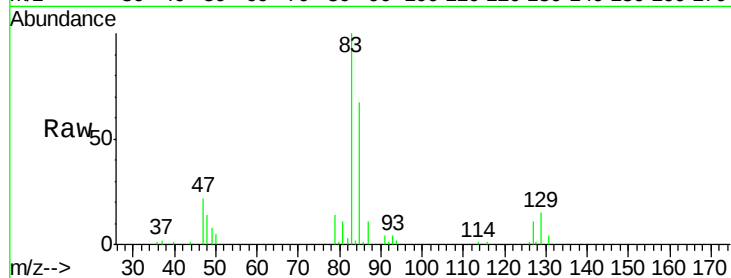
Tot Ion: 83 Resp: 128906

Ion Ratio Lower Upper

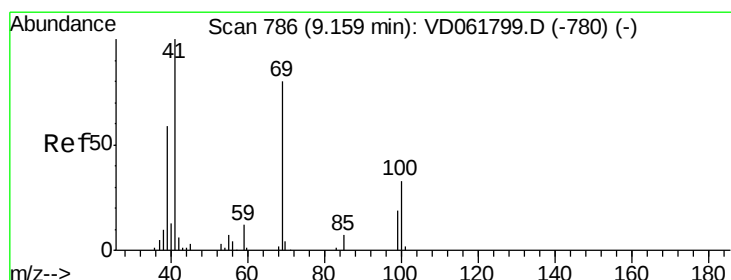
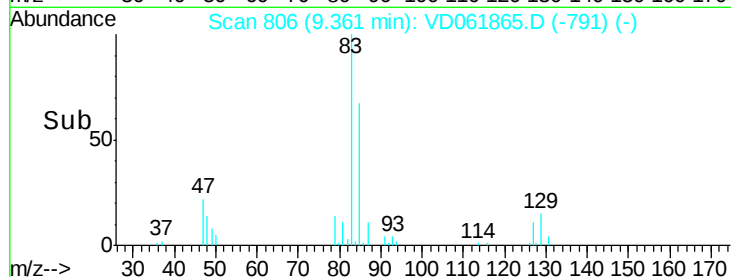
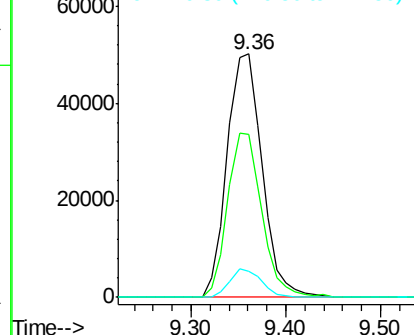
83 100

85 66.9 50.9 76.3

127 10.8 8.1 12.1



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: 26.970 ug/l

RT: 9.10 min Scan# 779

Delta R.T. -0.06 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

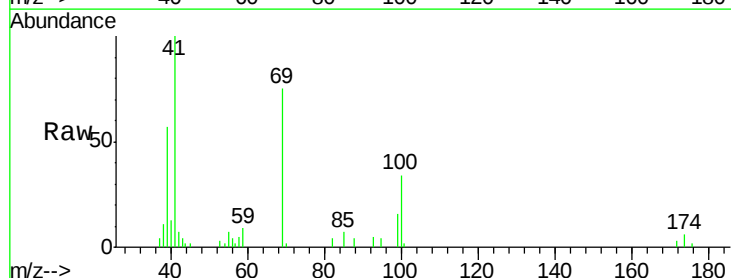
Tgt Ion: 41 Resp: 49455

Ion Ratio Lower Upper

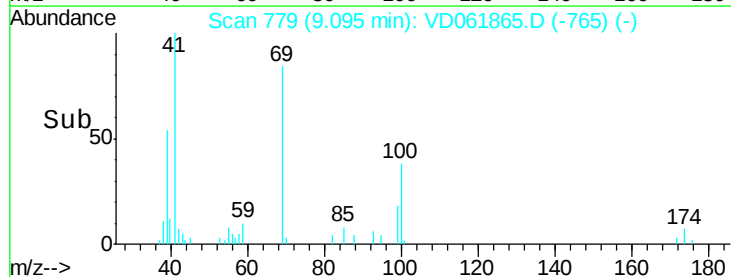
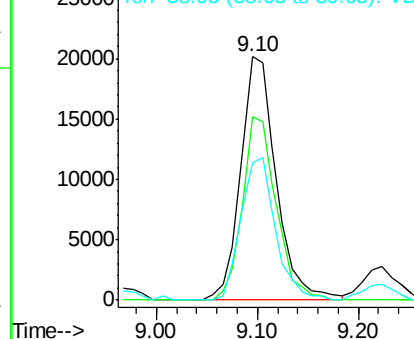
41 100

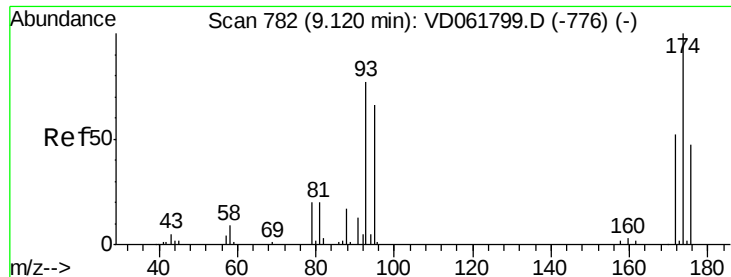
69 75.5 64.2 96.2

39 56.6 46.8 70.2



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

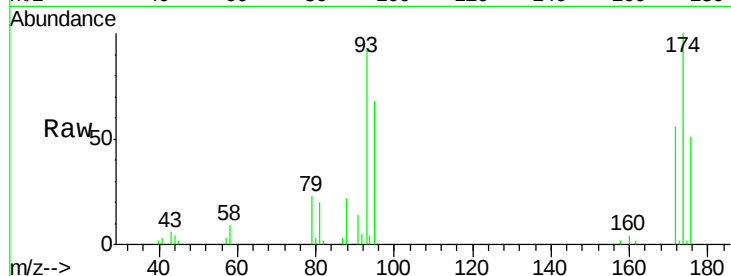




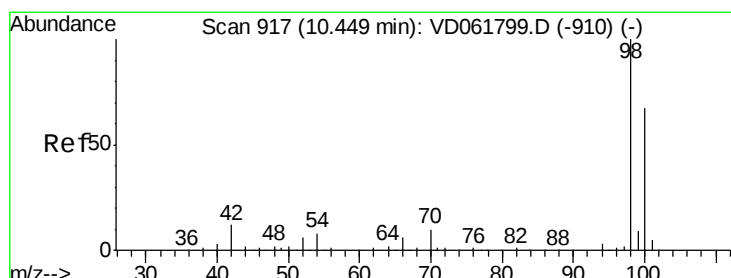
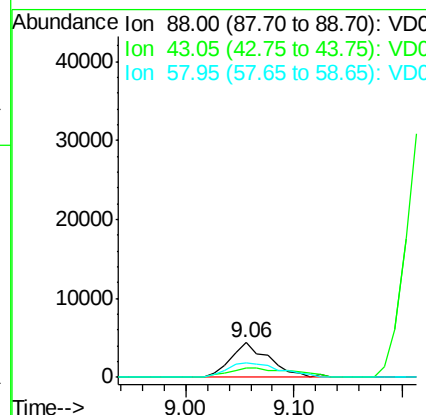
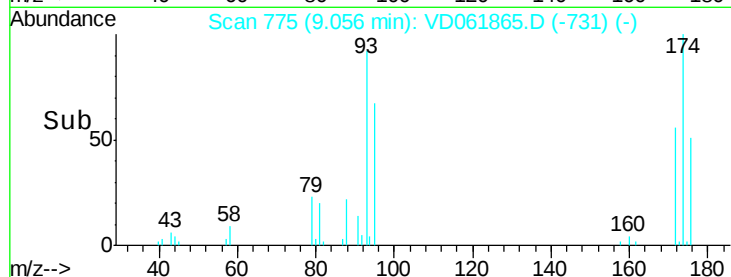
#49  
1,4-Dioxane  
Concen: 543.600 ug/l  
RT: 9.06 min Scan# 775  
Delta R.T. -0.06 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

Tot Ion: 88 Resp: 10895  
Ion Ratio Lower Upper  
88 100  
43 27.1 23.4 35.0  
58 42.2 44.0 66.0#

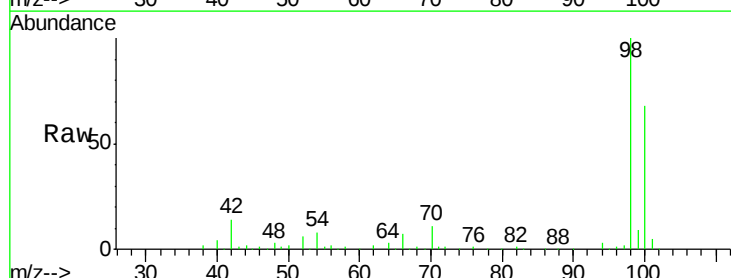


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

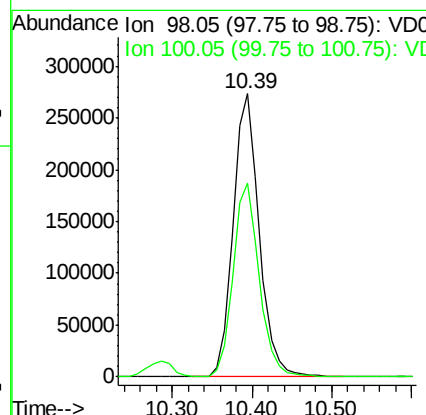
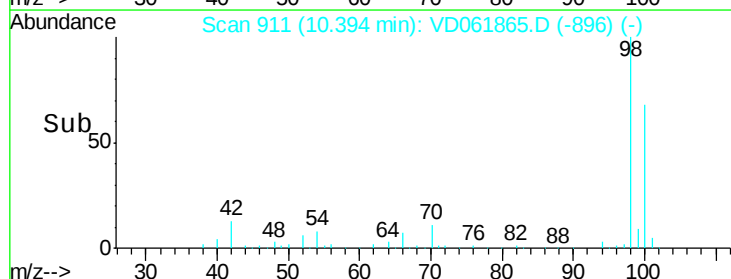


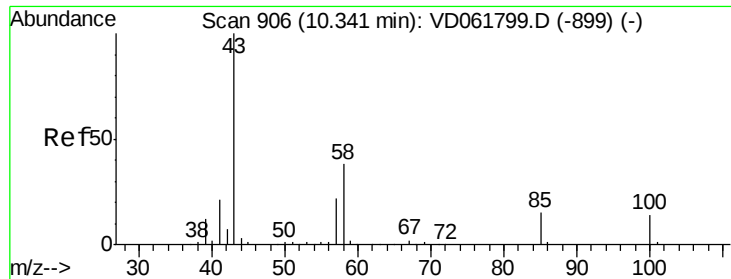
#50  
Toluene-d8  
Concen: 543.600 ug/l  
RT: 10.39 min Scan# 911  
Delta R.T. -0.05 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion: 98 Resp: 626648  
Ion Ratio Lower Upper  
98 100  
100 68.4 53.8 80.8



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: 137.794 ug/l

RT: 10.28 min Scan# 899

Delta R.T. -0.06 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

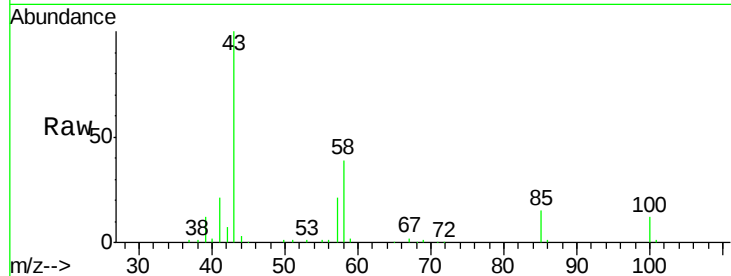
VD0417SBS01

Tot Ion: 43 Resp: 262867

Ion Ratio Lower Upper

43 100

58 38.6 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.28

120000

100000

80000

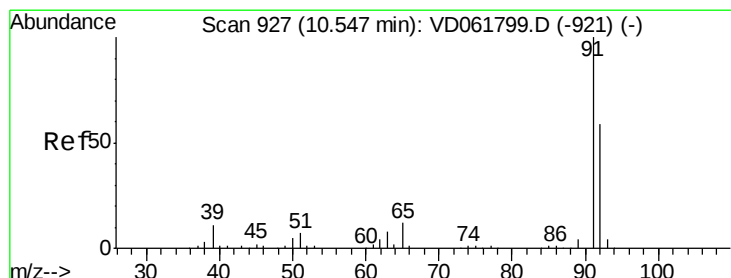
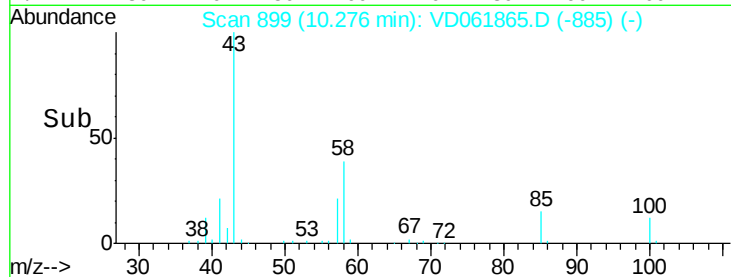
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 23.442 ug/l

RT: 10.49 min Scan# 921

Delta R.T. -0.05 min

Lab File: VD061865.D

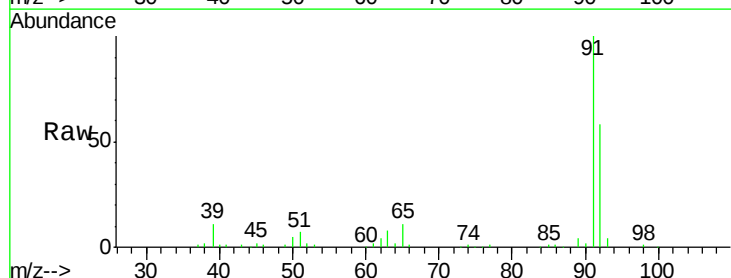
Acq: 17 Apr 2019 21:05

Tgt Ion: 92 Resp: 186800

Ion Ratio Lower Upper

92 100

91 172.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.49

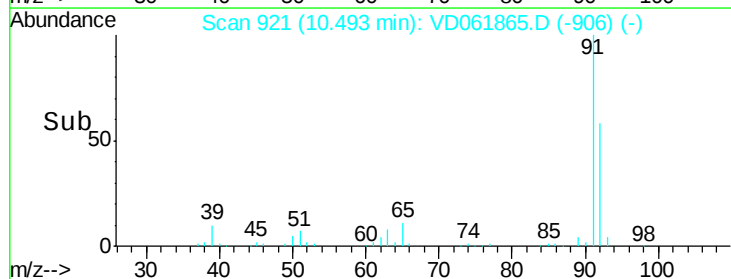
150000

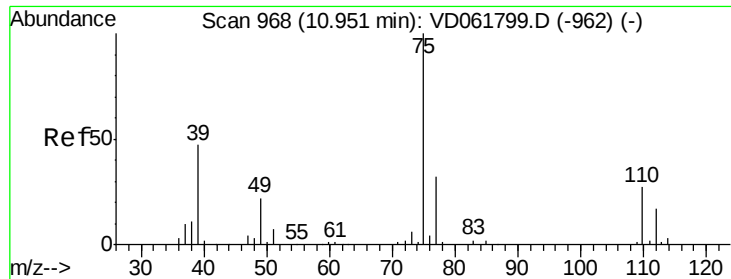
100000

50000

0

Time-->

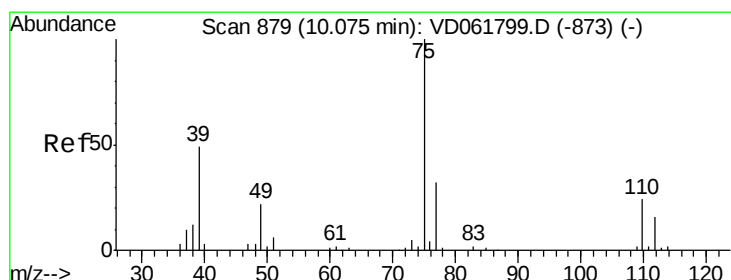
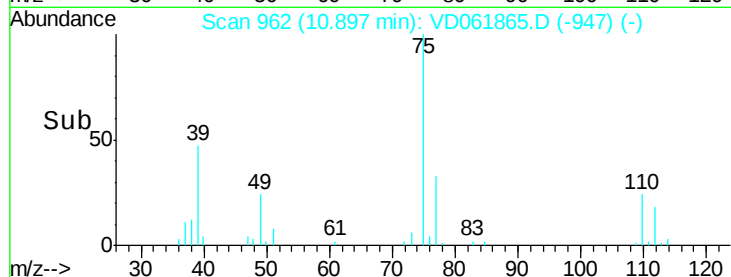
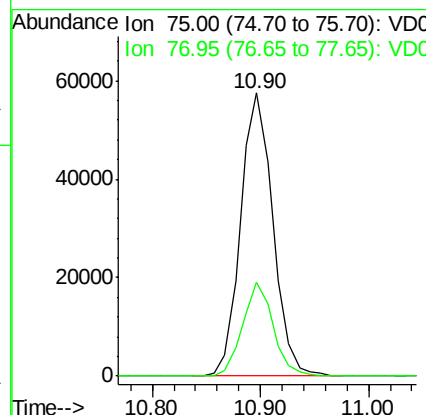
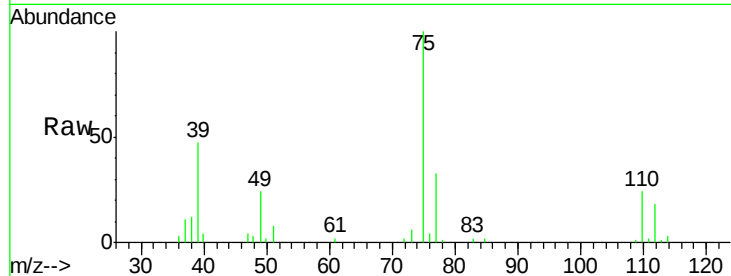




#53  
 t-1,3-Dichloropropene  
 Concen: 24.779 ug/l  
 RT: 10.90 min Scan# 962  
 Delta R.T. -0.05 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

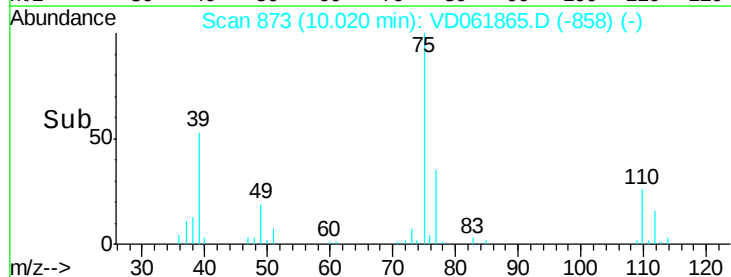
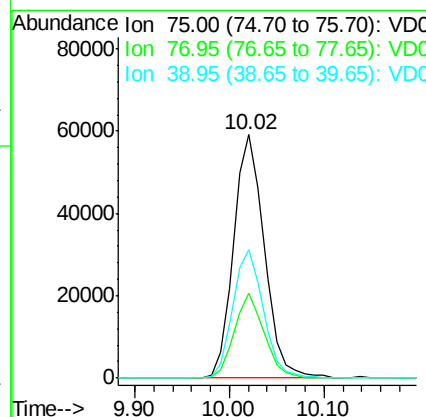
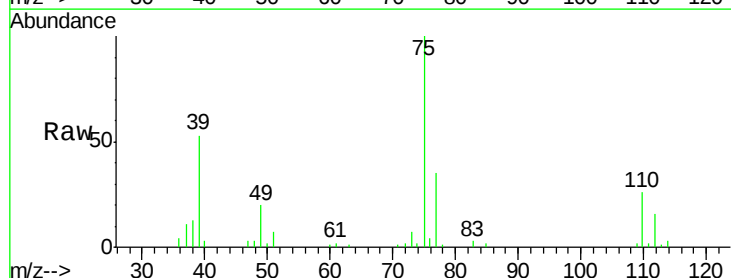
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

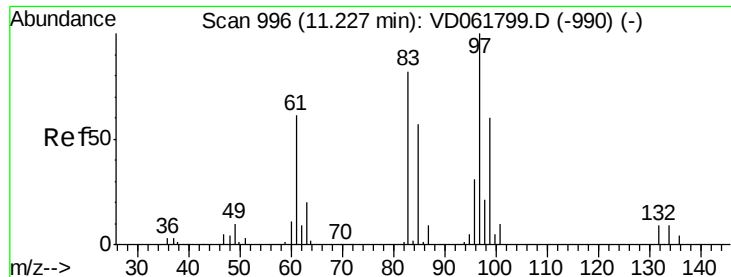
Tot Ion: 75 Resp: 118878  
 Ion Ratio Lower Upper  
 75 100  
 77 33.4 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 23.528 ug/l  
 RT: 10.02 min Scan# 873  
 Delta R.T. -0.05 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Tgt Ion: 75 Resp: 132497  
 Ion Ratio Lower Upper  
 75 100  
 77 35.1 25.5 38.3  
 39 52.8 39.4 59.2

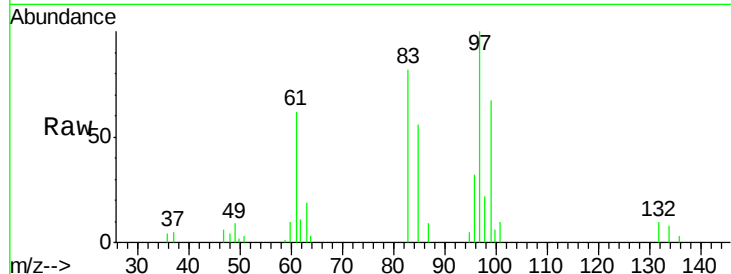




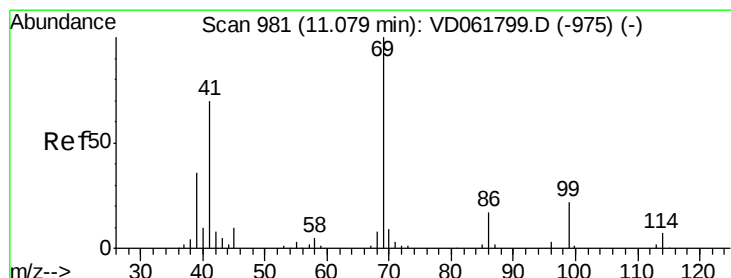
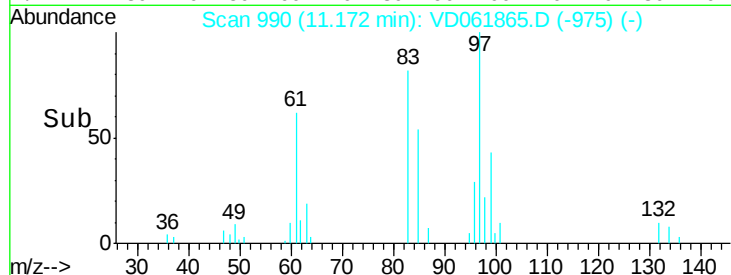
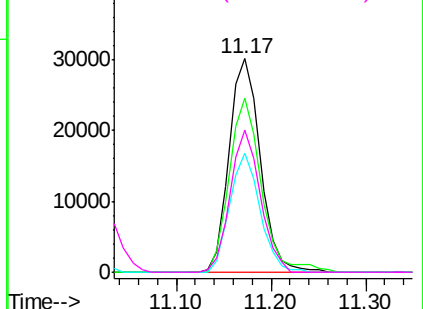
#55  
 1,1,2-Trichloroethane  
 Concen: 25.654 ug/l  
 RT: 11.17 min Scan# 990  
 Delta R.T. -0.05 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 68884 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.5  | 65.7  | 98.5  |
| 85       | 56.0  | 45.6  | 68.4  |
| 99       | 66.7  | 48.4  | 72.6  |

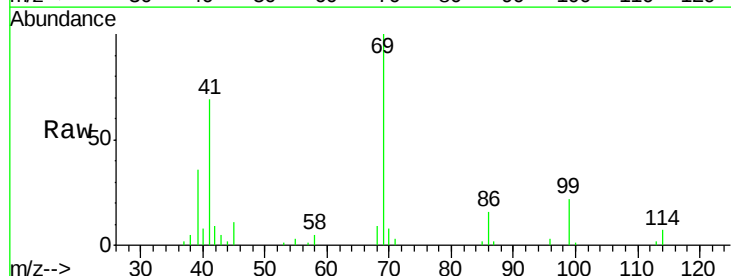


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

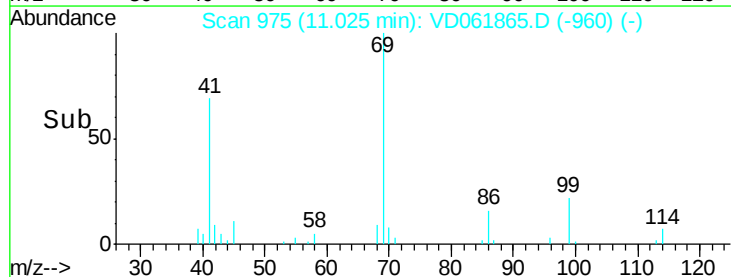
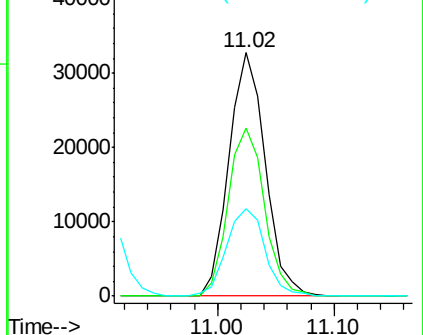


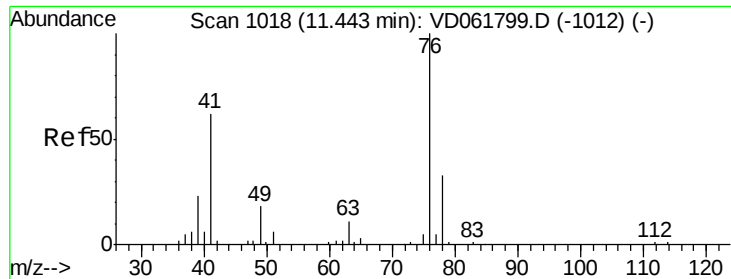
#56  
 Ethyl methacrylate  
 Concen: 24.031 ug/l  
 RT: 11.02 min Scan# 975  
 Delta R.T. -0.05 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 70818 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 69.0  | 56.3  | 84.5  |
| 39       | 36.1  | 29.4  | 44.2  |



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

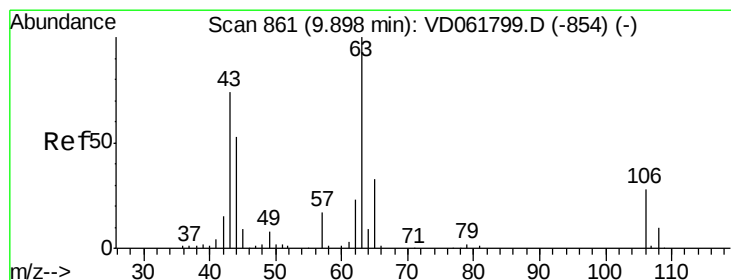
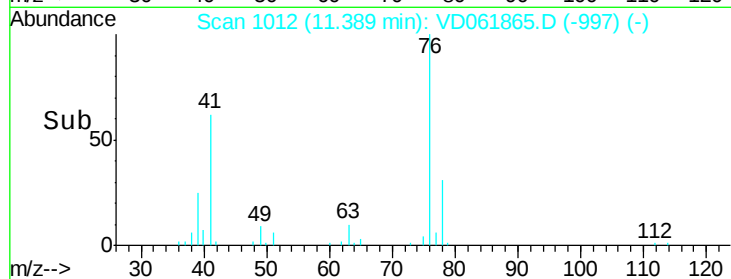
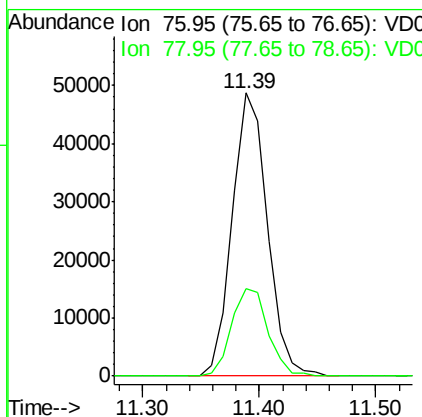
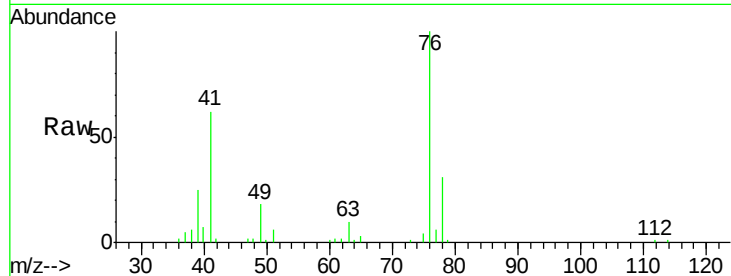




#57  
 1,3-Dichloropropane  
 Concen: 25.187 ug/l  
 RT: 11.39 min Scan# 1012  
 Delta R.T. -0.05 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

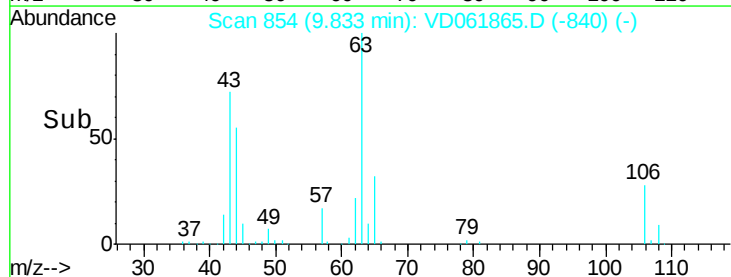
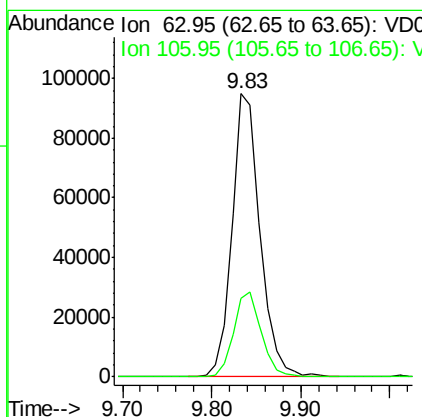
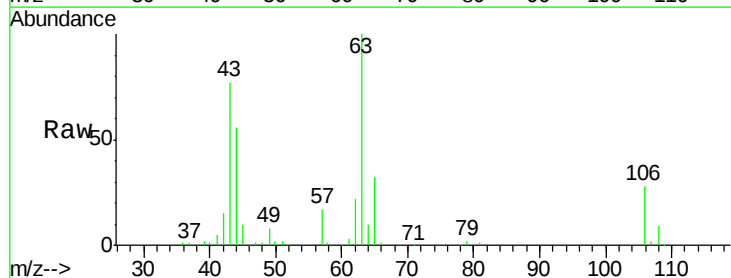
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

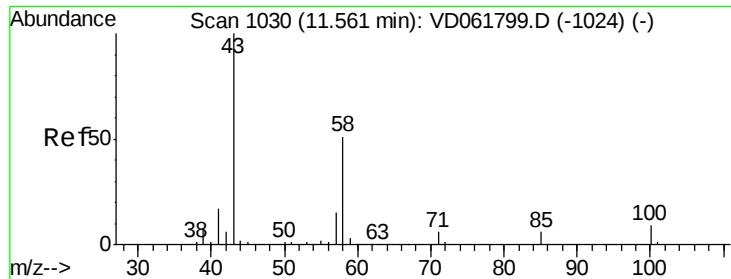
Tot Ion: 76 Resp: 101671  
 Ion Ratio Lower Upper  
 76 100  
 78 30.9 26.2 39.2



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 148.835 ug/l  
 RT: 9.83 min Scan# 854  
 Delta R.T. -0.06 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Tgt Ion: 63 Resp: 208624  
 Ion Ratio Lower Upper  
 63 100  
 106 28.0 22.6 34.0

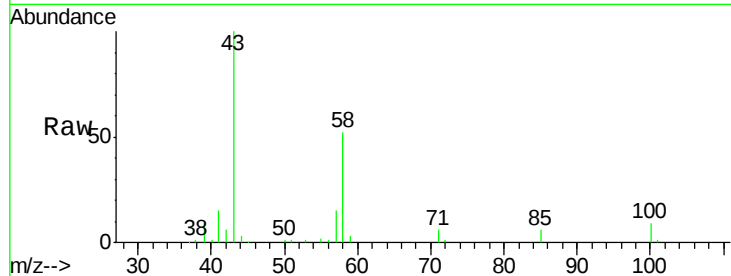




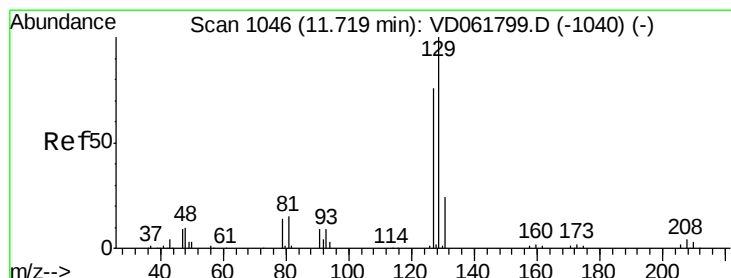
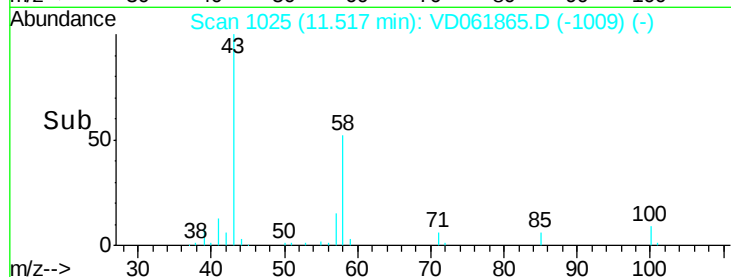
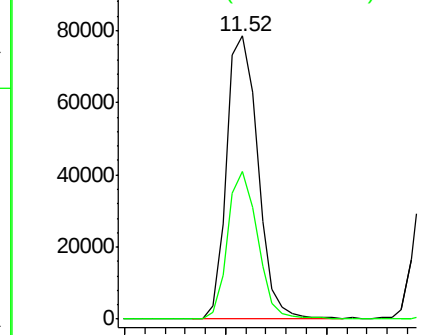
#59  
2-Hexanone  
Concen: 119.985 ug/l  
RT: 11.52 min Scan# 1025  
Delta R.T. -0.04 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

Tot Ion: 43 Resp: 170004  
Ion Ratio Lower Upper  
43 100  
58 52.0 25.4 76.4

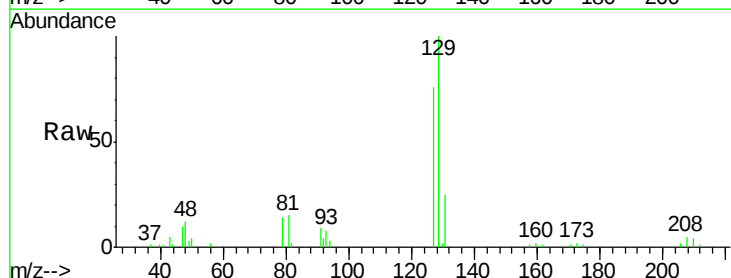


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

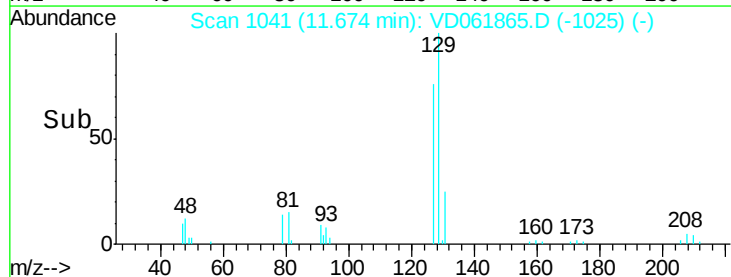
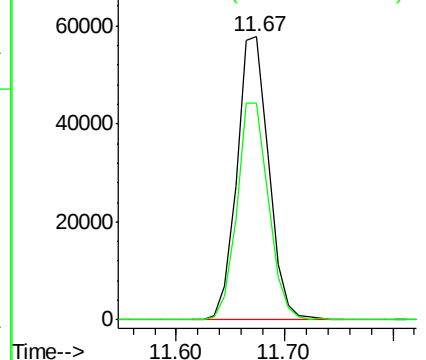


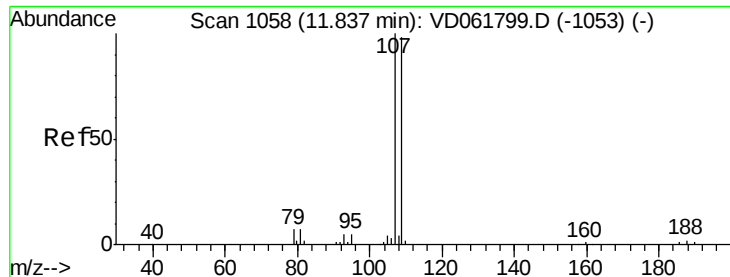
#60  
Dibromochloromethane  
Concen: 26.897 ug/l  
RT: 11.67 min Scan# 1041  
Delta R.T. -0.04 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion: 129 Resp: 118172  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.0 113.9



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

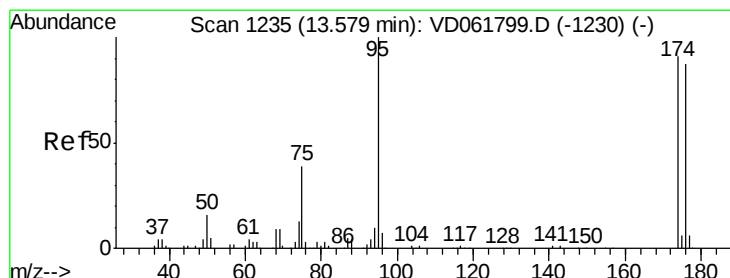
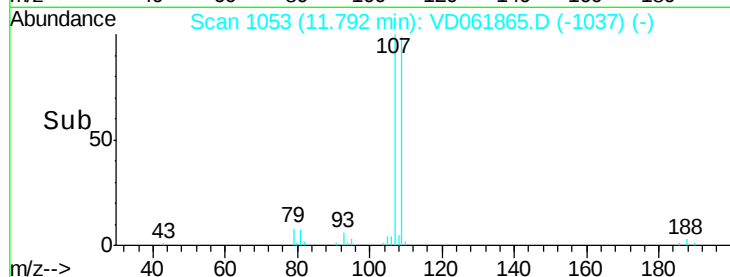
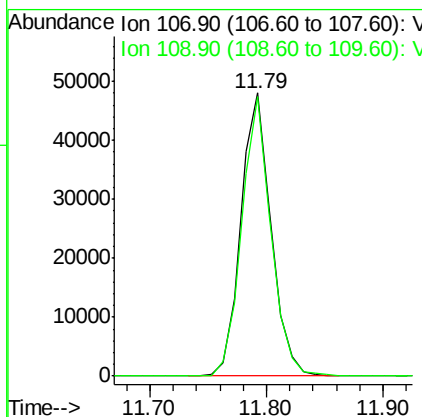
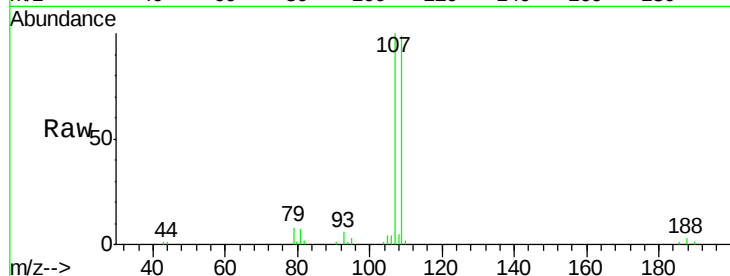




#61  
 1,2-Dibromoethane  
 Concen: 25.983 ug/l  
 RT: 11.79 min Scan# 1053  
 Delta R.T. -0.04 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

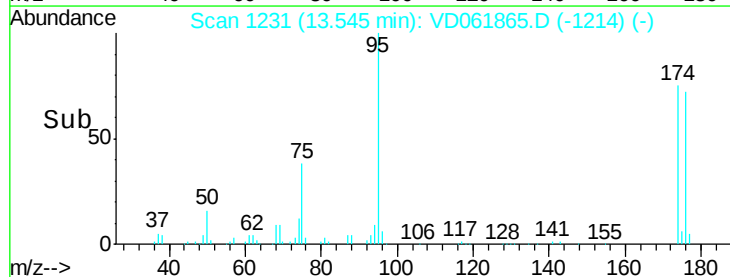
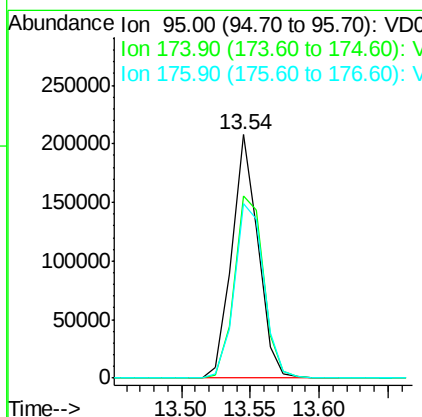
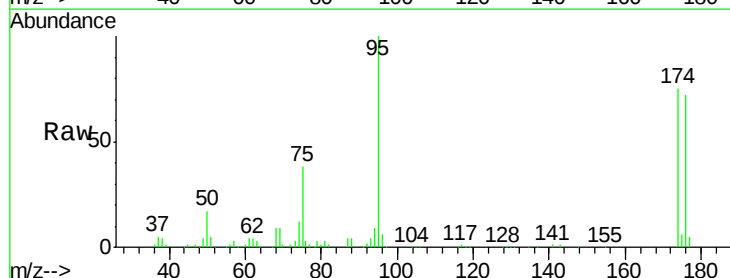
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

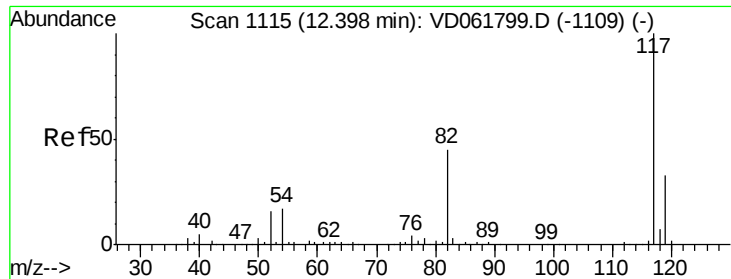
Tot Ion:107 Resp: 85786  
 Ion Ratio Lower Upper  
 107 100  
 109 98.7 78.3 117.5



#62  
 4-Bromofluorobenzene  
 Concen: 25.983 ug/l  
 RT: 13.54 min Scan# 1231  
 Delta R.T. -0.03 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Tgt Ion: 95 Resp: 275542  
 Ion Ratio Lower Upper  
 95 100  
 174 75.1 0.0 181.8  
 176 71.8 0.0 174.4

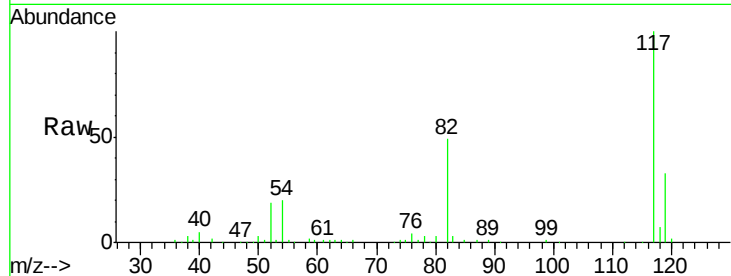




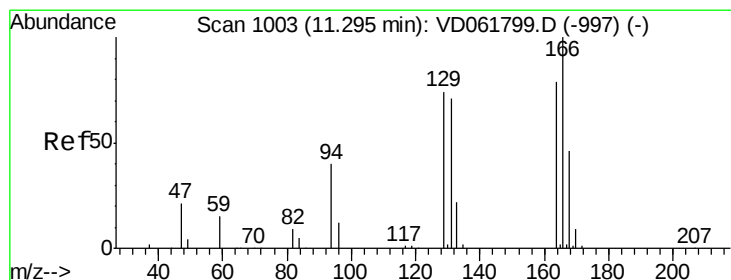
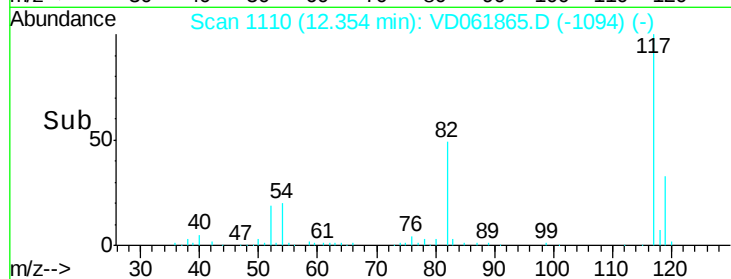
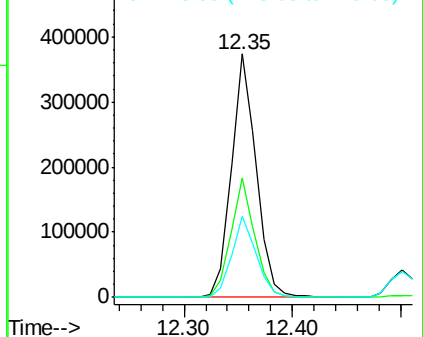
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.35 min Scan# 1110  
Delta R.T. -0.04 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

Tot Ion:117 Resp: 593310  
Ion Ratio Lower Upper  
117 100  
82 49.0 36.2 54.2  
119 33.5 26.2 39.4

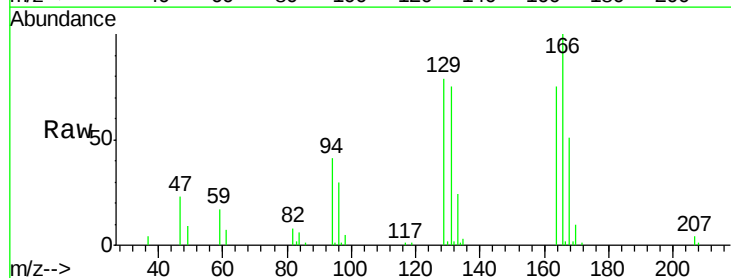


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

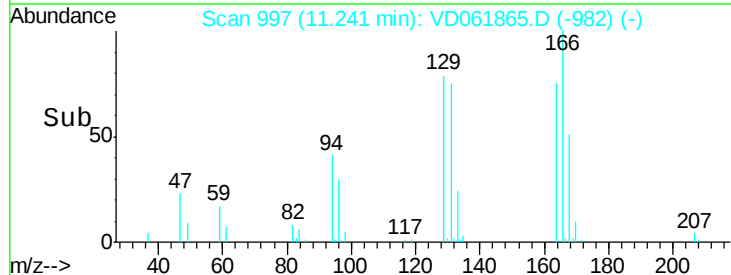
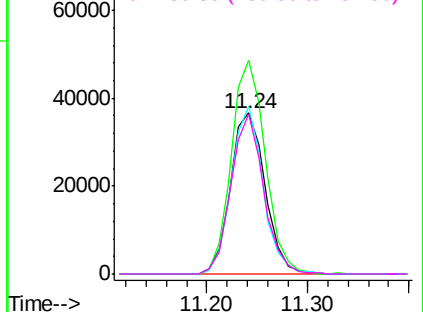


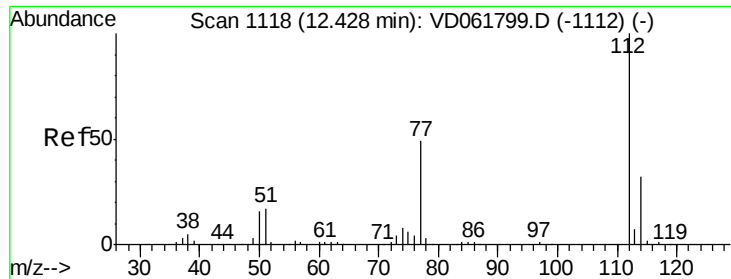
#64  
Tetrachloroethene  
Concen: 19.636 ug/l  
RT: 11.24 min Scan# 997  
Delta R.T. -0.05 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion:164 Resp: 87374  
Ion Ratio Lower Upper  
164 100  
166 132.5 101.5 152.3  
129 104.3 74.6 112.0  
131 99.7 72.6 108.8



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

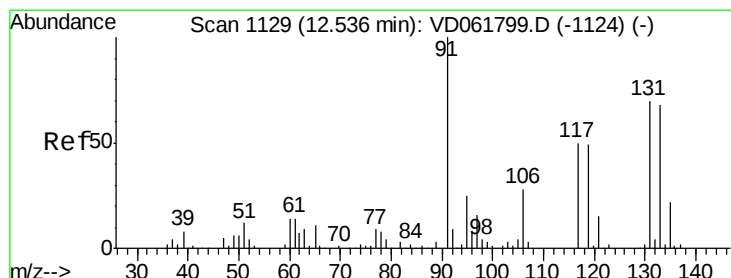
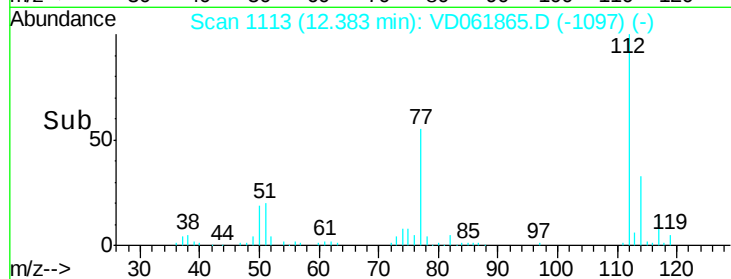
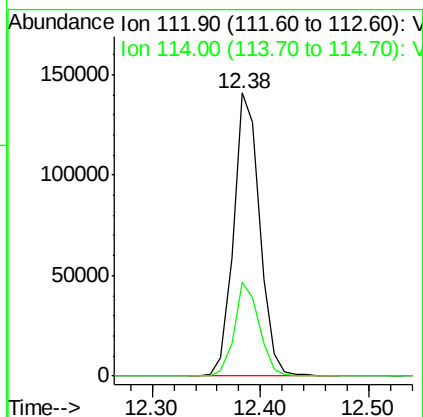
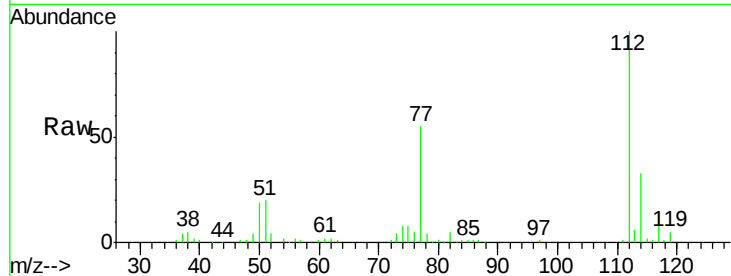




#65  
Chlorobenzene  
Concen: 21.358 ug/l  
RT: 12.38 min Scan# 1113  
Delta R.T. -0.04 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

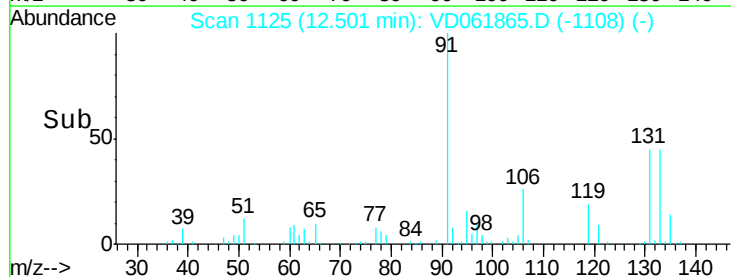
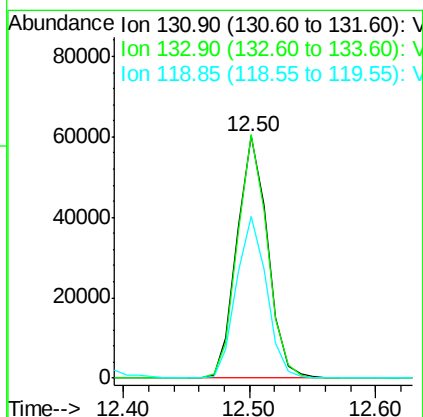
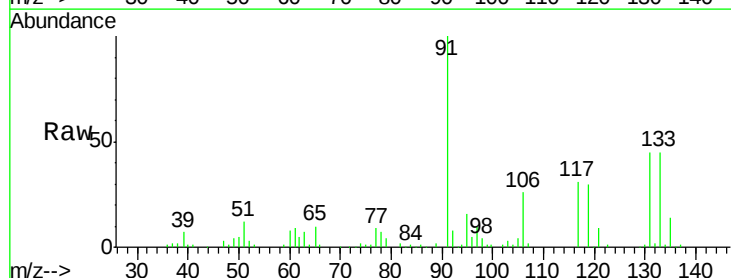
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

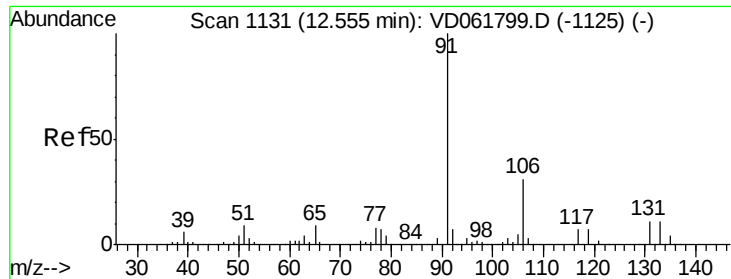
Tot Ion:112 Resp: 235997  
Ion Ratio Lower Upper  
112 100  
114 33.3 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.816 ug/l  
RT: 12.50 min Scan# 1125  
Delta R.T. -0.03 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion:131 Resp: 101016  
Ion Ratio Lower Upper  
131 100  
133 100.6 48.6 145.8  
119 66.7 34.7 104.1

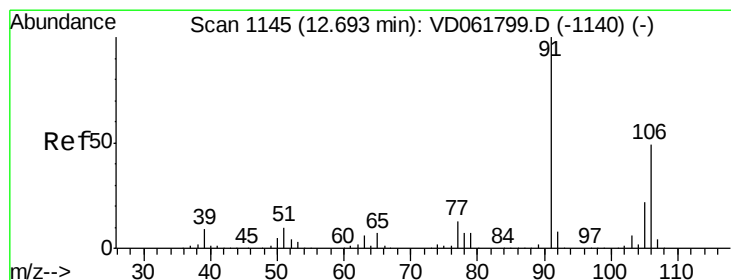
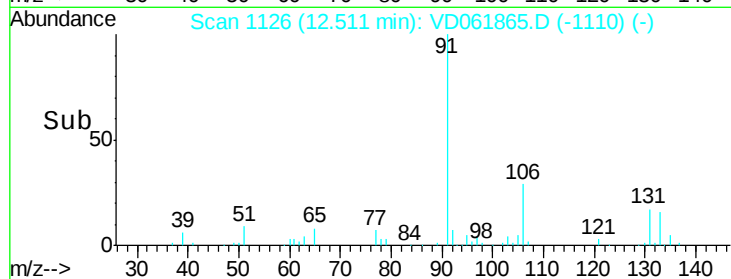
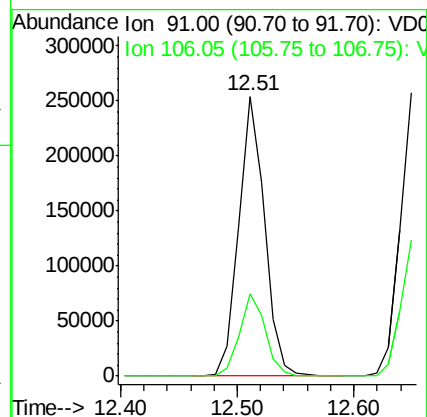
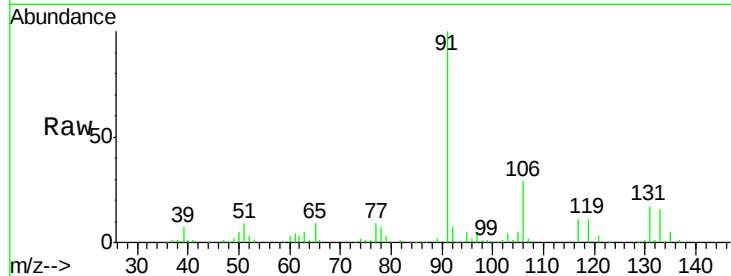




#67  
Ethyl Benzene  
Concen: 22.073 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. -0.04 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

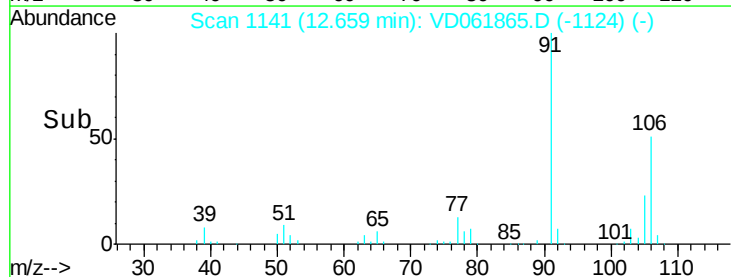
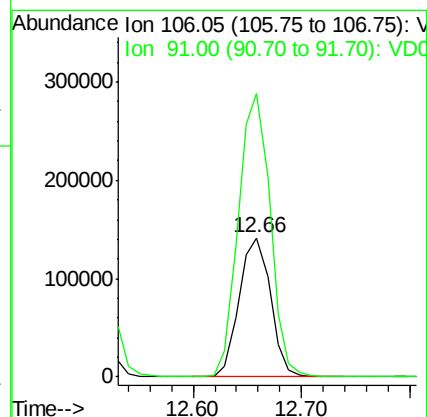
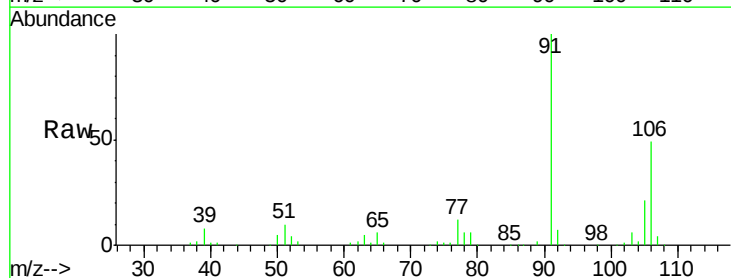
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

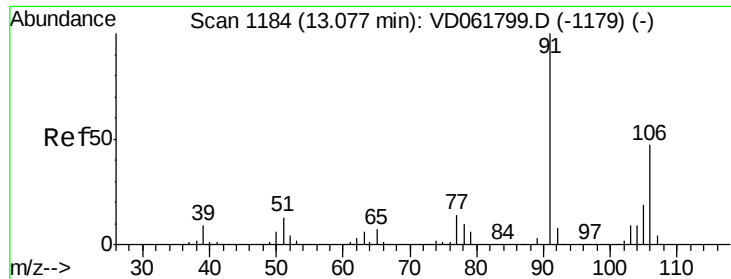
Tot Ion: 91 Resp: 390586  
Ion Ratio Lower Upper  
91 100  
106 29.3 24.7 37.1



#68  
m/p-Xylenes  
Concen: 42.834 ug/l  
RT: 12.66 min Scan# 1141  
Delta R.T. -0.03 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion: 106 Resp: 284706  
Ion Ratio Lower Upper  
106 100  
91 203.8 164.0 246.0

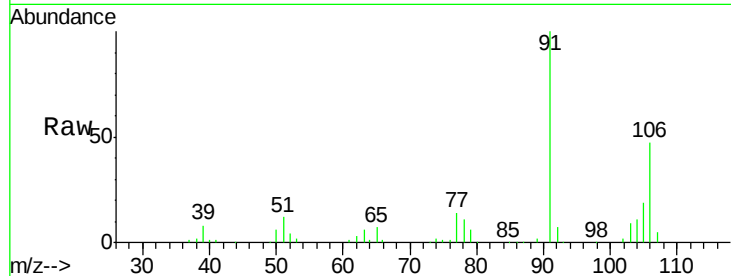




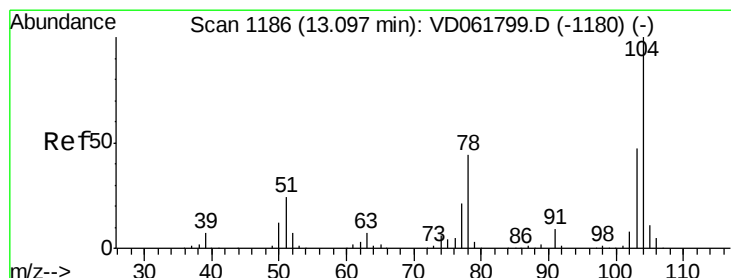
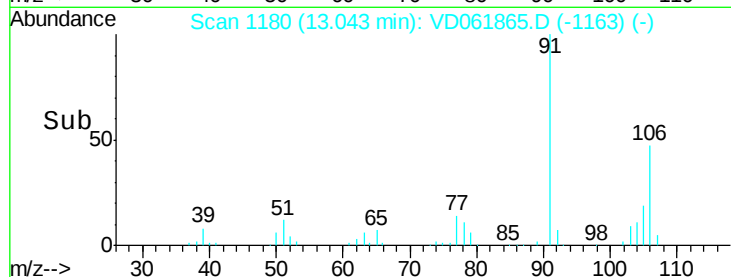
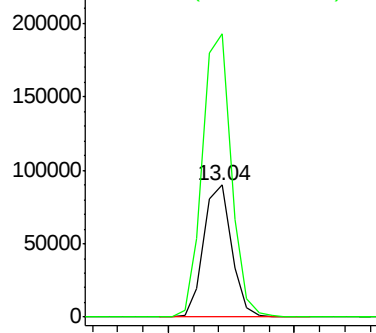
#69  
o-Xylene  
Concen: 22.112 ug/l  
RT: 13.04 min Scan# 1180  
Delta R.T. -0.03 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

Tot Ion:106 Resp: 138146  
Ion Ratio Lower Upper  
106 100  
91 214.7 106.7 319.9

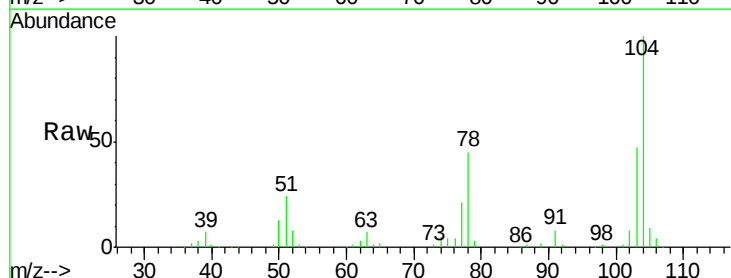


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

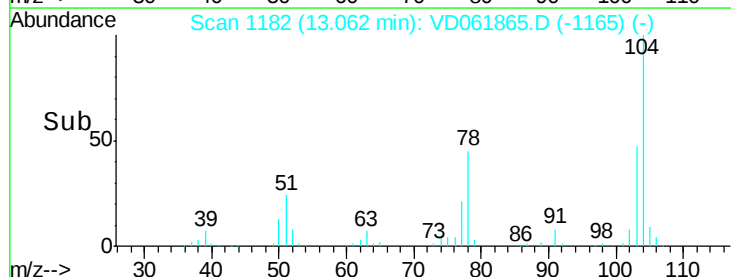
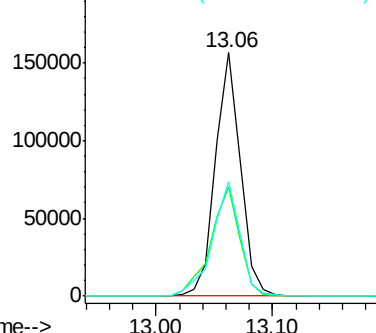


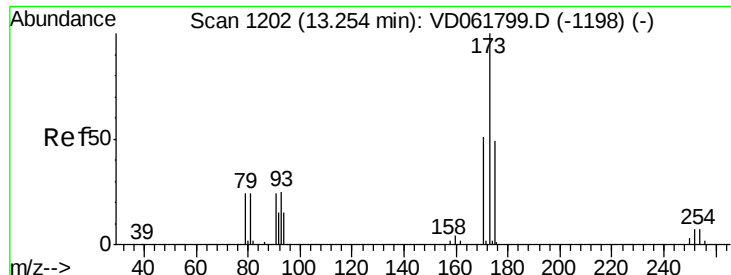
#70  
Styrene  
Concen: 21.684 ug/l  
RT: 13.06 min Scan# 1182  
Delta R.T. -0.03 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion:104 Resp: 233124  
Ion Ratio Lower Upper  
104 100  
78 45.0 35.4 53.2  
103 46.8 37.5 56.3



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

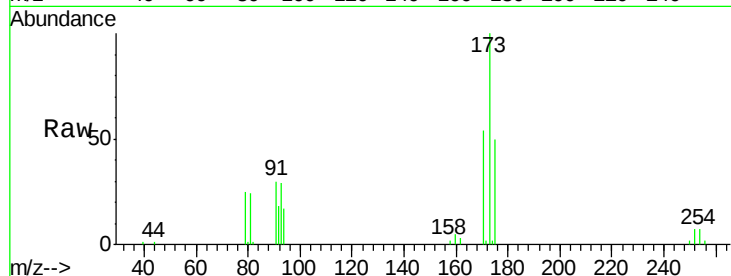




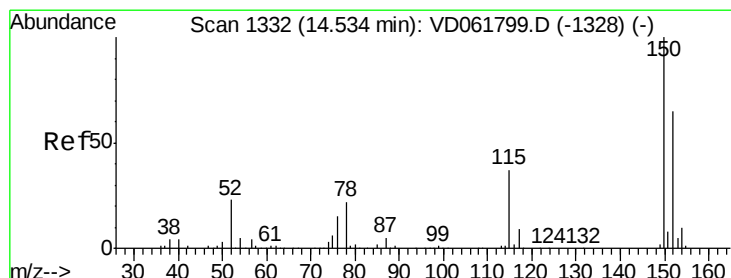
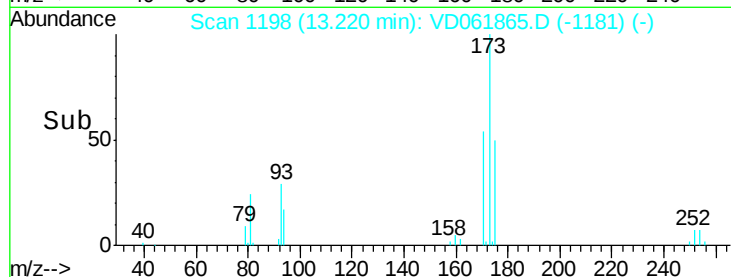
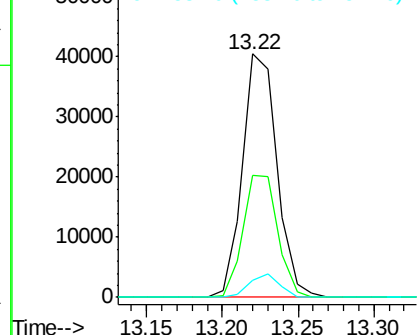
#71  
Bromoform  
Concen: 23.292 ug/l  
RT: 13.22 min Scan# 1198  
Delta R.T. -0.03 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

Tot Ion:173 Resp: 64019  
Ion Ratio Lower Upper  
173 100  
175 50.2 24.4 73.4  
254 6.8 5.4 8.2

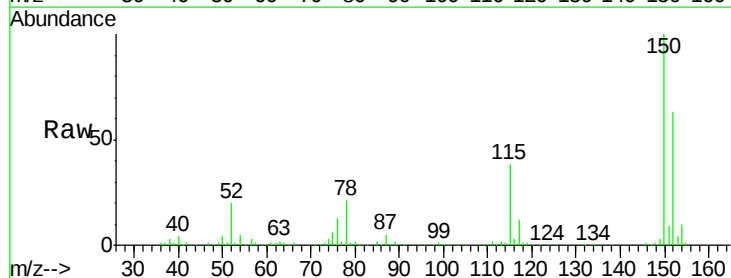


Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V

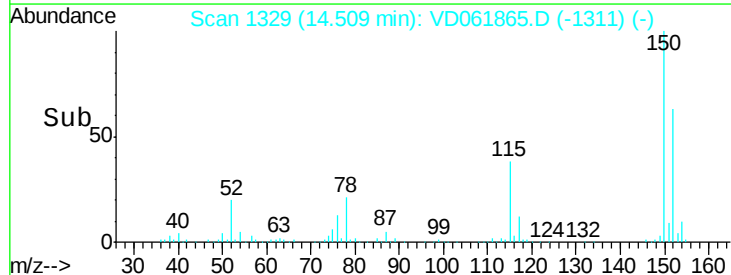
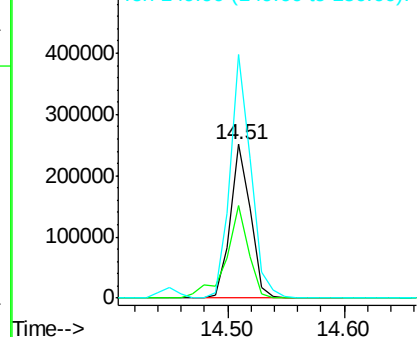


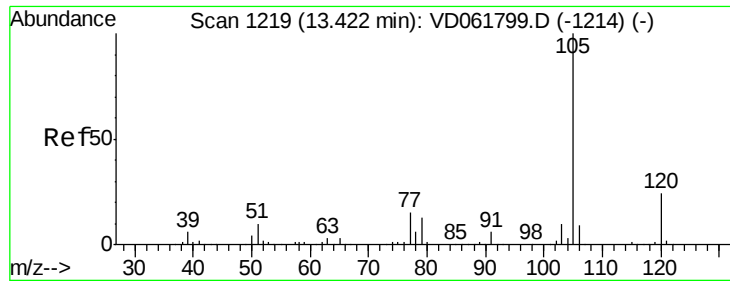
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.51 min Scan# 1329  
Delta R.T. -0.02 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion:152 Resp: 301295  
Ion Ratio Lower Upper  
152 100  
115 60.1 30.9 92.7  
150 158.6 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.171 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.02 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

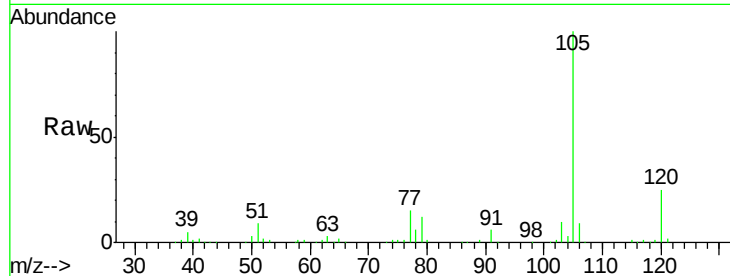
VD0417SBS01

Tot Ion:105 Resp: 335526

Ion Ratio Lower Upper

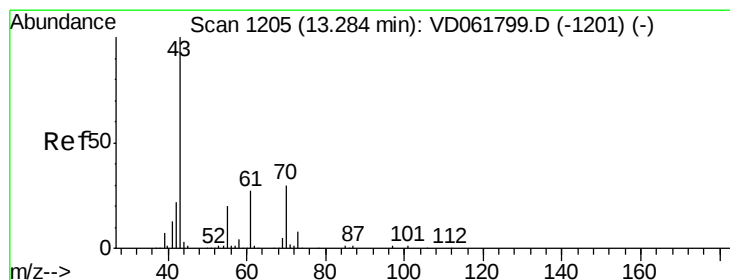
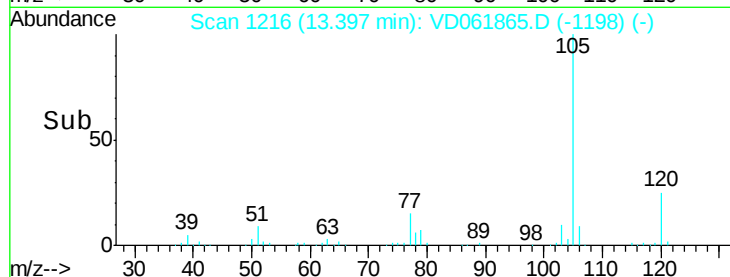
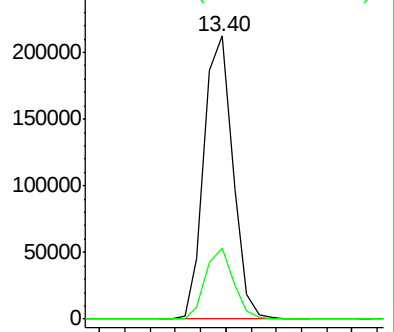
105 100

120 25.0 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 20.395 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.02 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Tgt Ion: 43 Resp: 107162

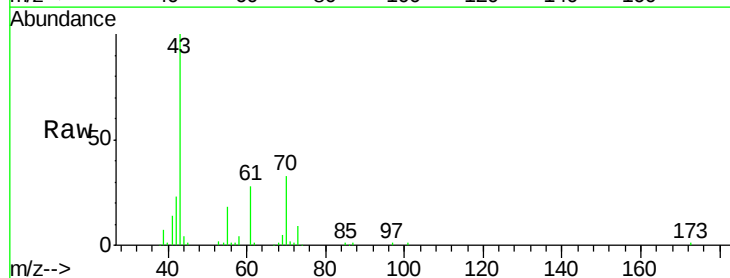
Ion Ratio Lower Upper

43 100

70 33.5 24.2 36.4

55 18.3 16.0 24.0

61 27.6 21.6 32.4

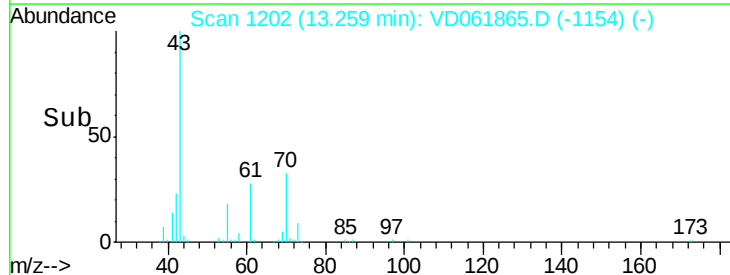
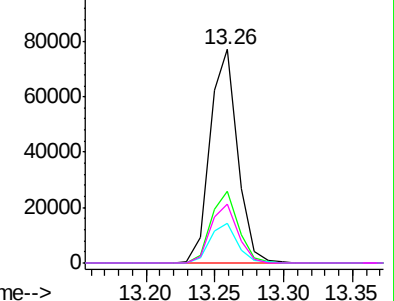


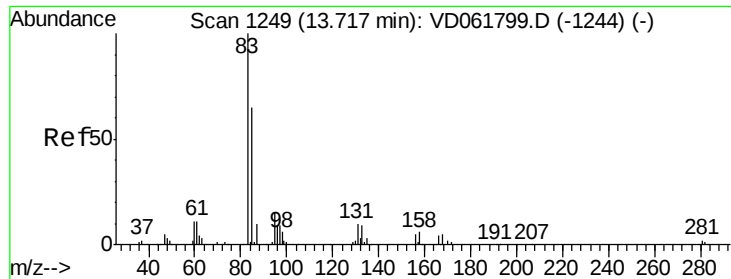
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.790 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.02 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

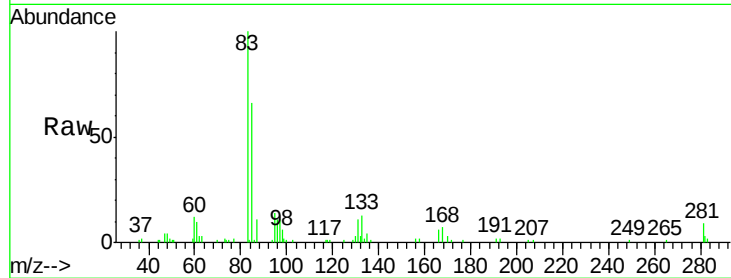
Tot Ion: 83 Resp: 84163

Ion Ratio Lower Upper

83 100

131 11.0 5.0 14.9

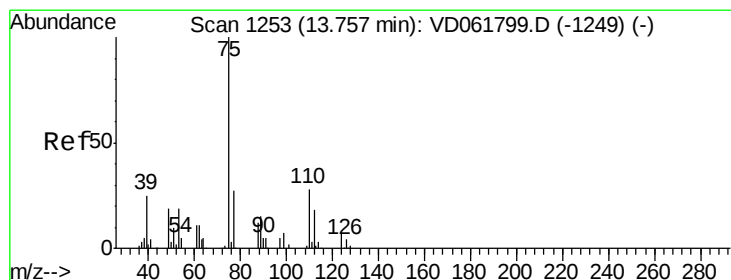
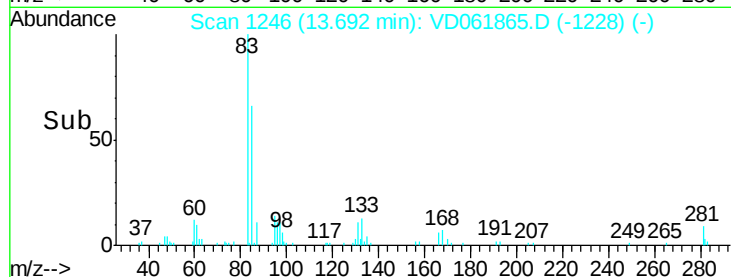
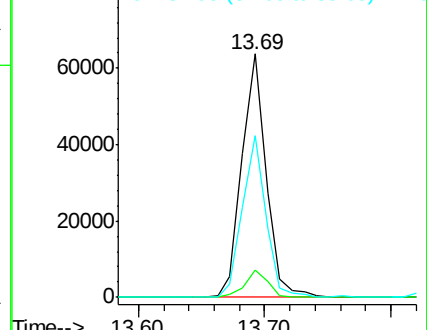
85 66.2 32.6 97.7



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: 21.207 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.03 min

Lab File: VD061865.D

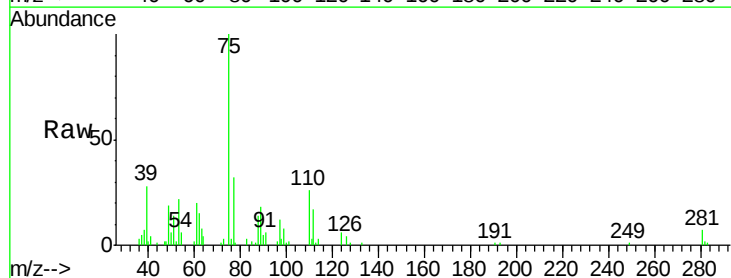
Acq: 17 Apr 2019 21:05

Tgt Ion: 75 Resp: 83910

Ion Ratio Lower Upper

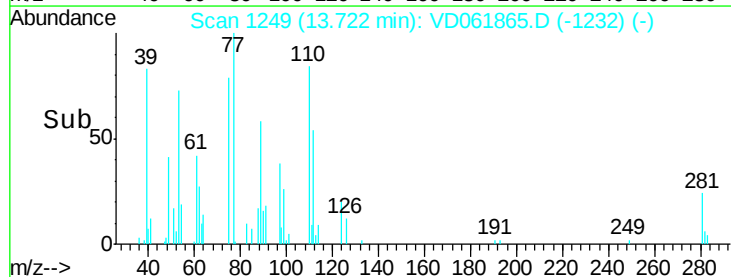
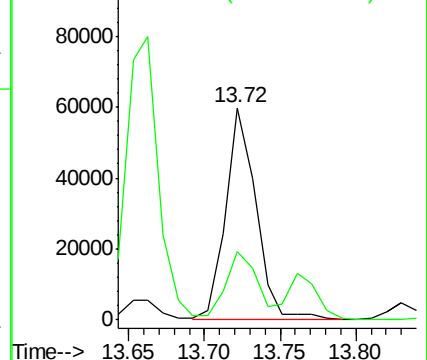
75 100

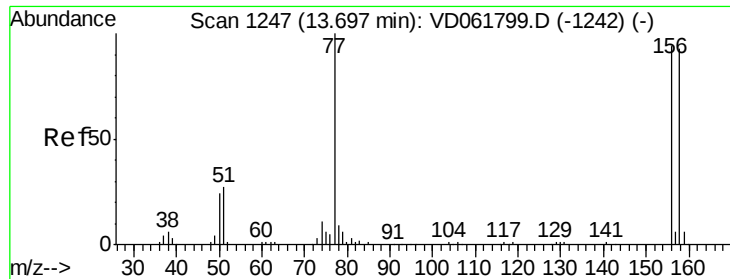
77 32.0 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 17.652 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.03 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

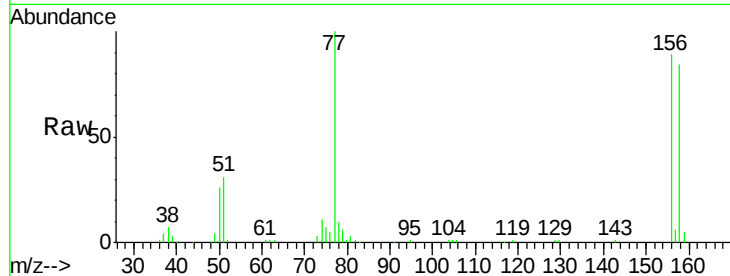
Tot Ion:156 Resp: 97981

Ion Ratio Lower Upper

156 100

77 112.2 53.1 159.4

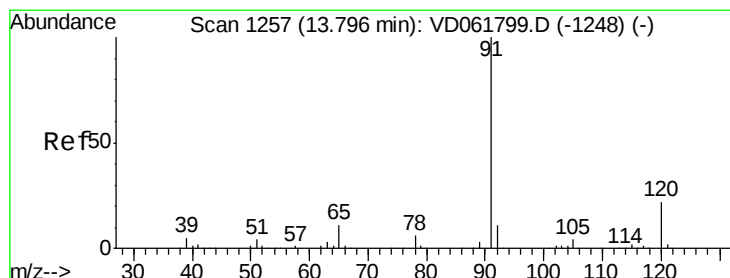
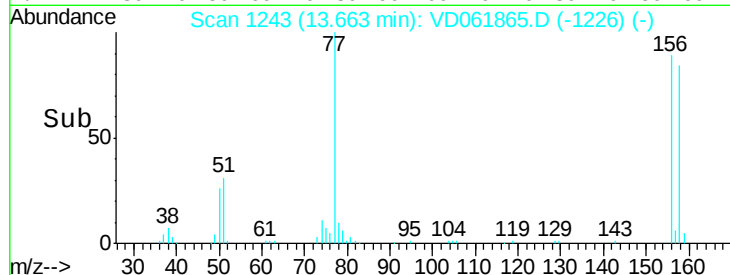
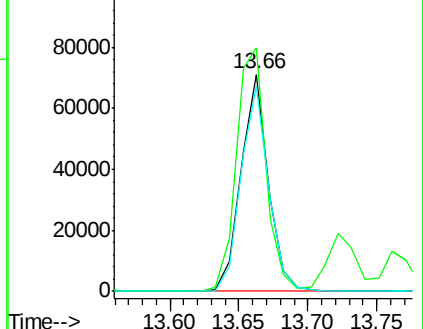
158 94.4 49.4 148.0



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: 21.073 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. -0.03 min

Lab File: VD061865.D

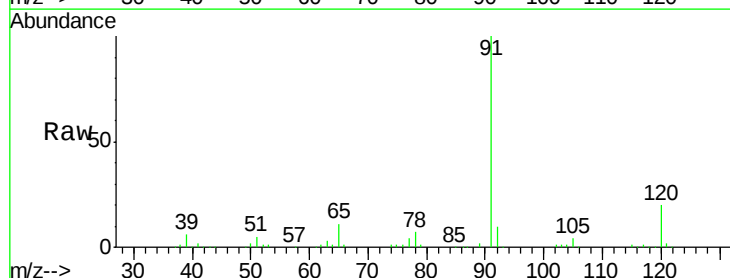
Acq: 17 Apr 2019 21:05

Tgt Ion: 91 Resp: 475735

Ion Ratio Lower Upper

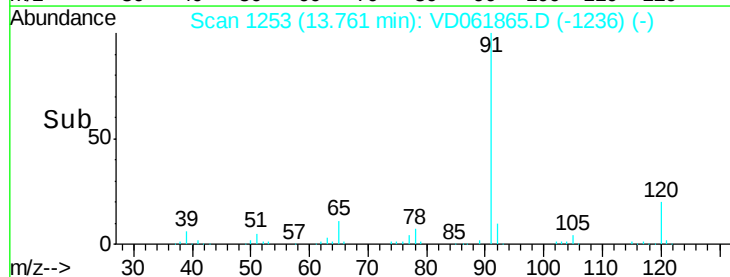
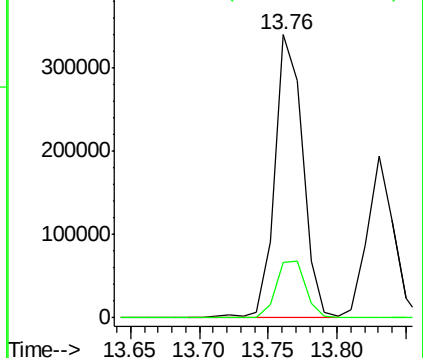
91 100

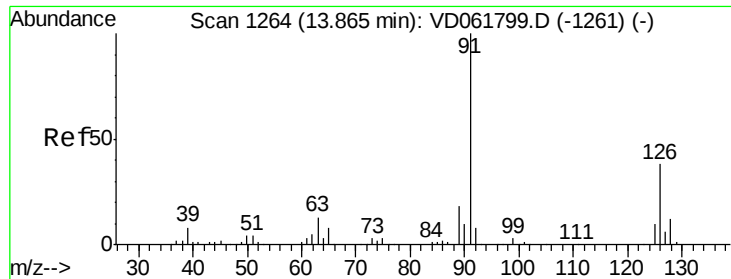
120 19.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 19.530 ug/l

RT: 13.83 min Scan# 1260

Delta R.T. -0.03 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

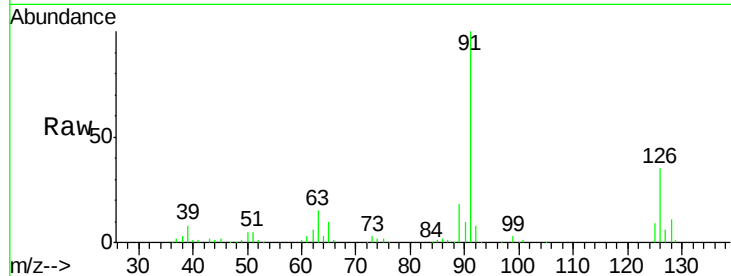
VD0417SBS01

Tot Ion: 91 Resp: 257562

Ion Ratio Lower Upper

91 100

126 35.0 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VD061799.D (-1261) (-)

Ion 125.95 (125.65 to 126.65): VD061799.D (-1261) (-)

400000

300000

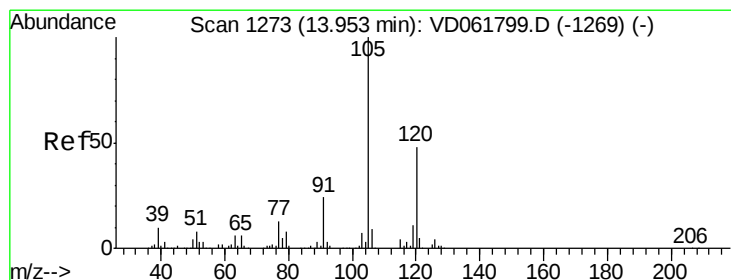
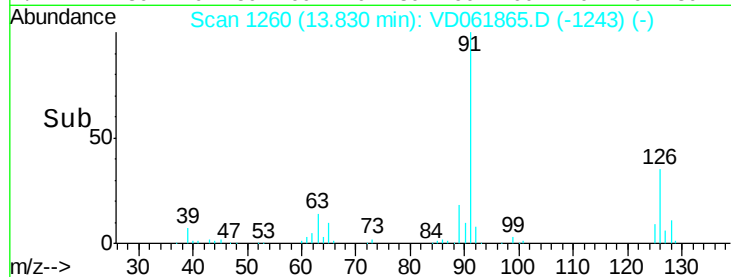
200000

100000

0

13.80 13.83 13.85 13.90

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.299 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.02 min

Lab File: VD061865.D

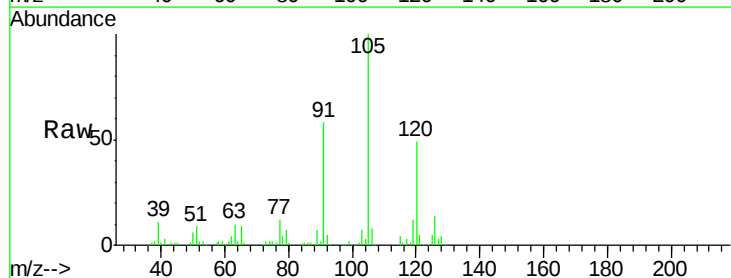
Acq: 17 Apr 2019 21:05

Tgt Ion: 105 Resp: 299214

Ion Ratio Lower Upper

105 100

120 49.4 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): VD061799.D (-1269) (-)

Ion 120.05 (119.75 to 120.75): VD061799.D (-1269) (-)

250000

200000

150000

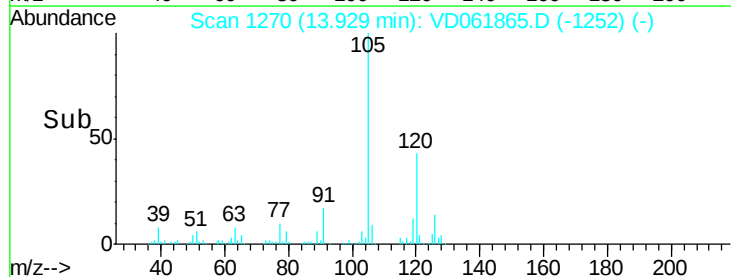
100000

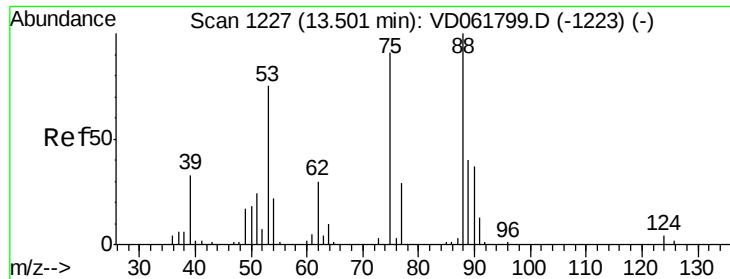
50000

0

13.80 13.90 13.93 14.00

Time-->

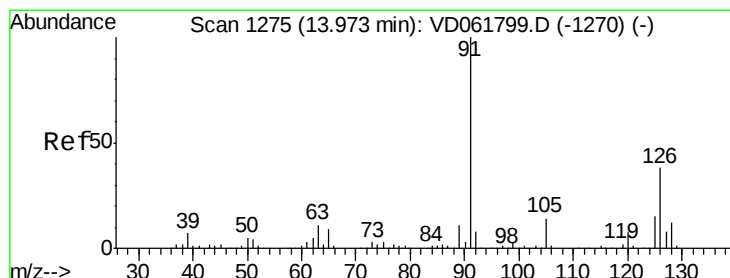
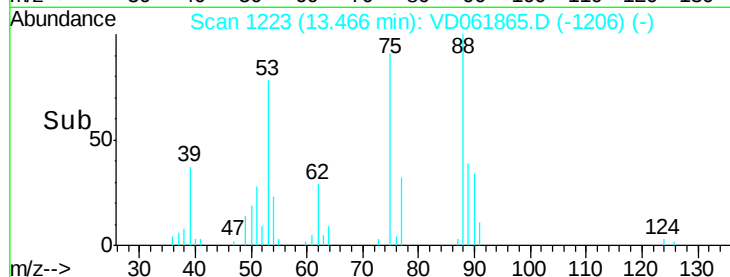
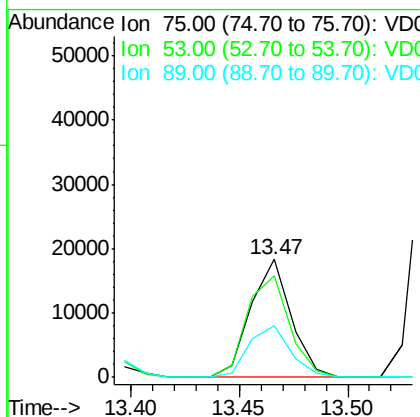
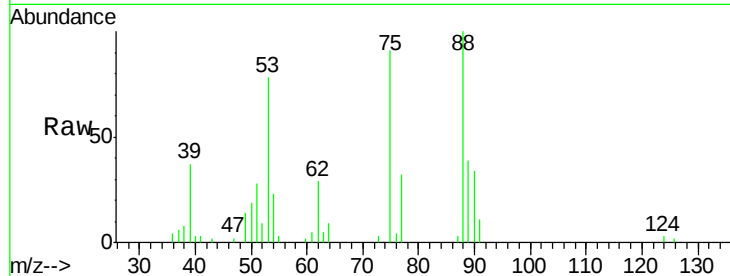




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.657 ug/l  
RT: 13.47 min Scan# 1223  
Delta R.T. -0.03 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

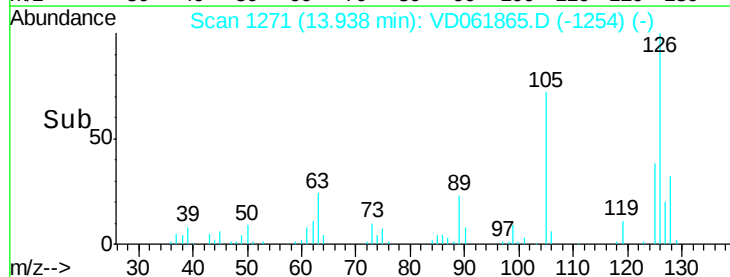
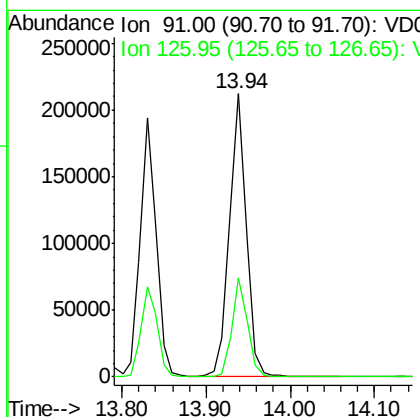
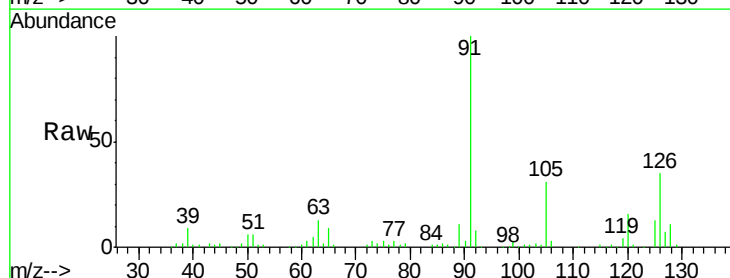
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

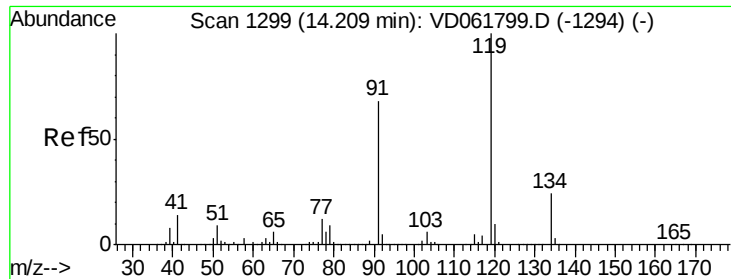
Tot Ion: 75 Resp: 23814  
Ion Ratio Lower Upper  
75 100  
53 86.0 65.8 98.8  
89 43.3 35.0 52.6



#82  
4-Chlorotoluene  
Concen: 19.670 ug/l  
RT: 13.94 min Scan# 1271  
Delta R.T. -0.03 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion: 91 Resp: 296926  
Ion Ratio Lower Upper  
91 100  
126 34.9 19.1 57.5

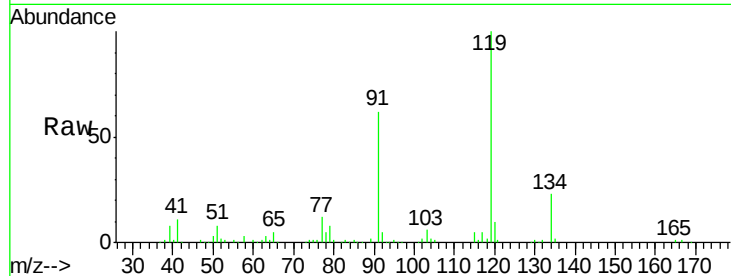




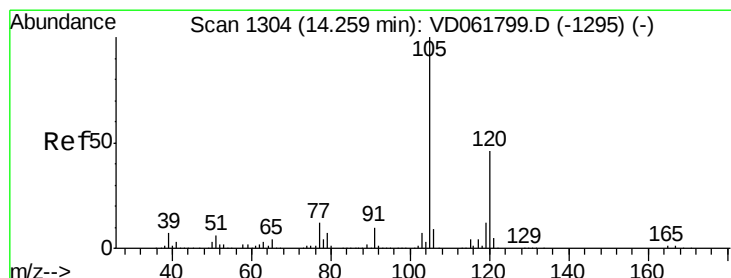
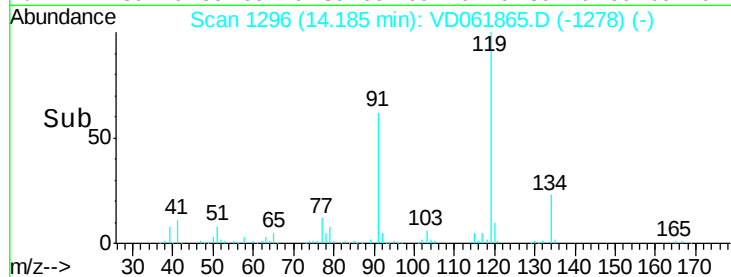
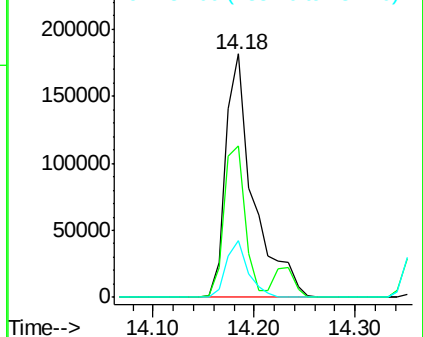
#83  
 tert-Butylbenzene  
 Concen: 19.056 ug/l  
 RT: 14.18 min Scan# 1296  
 Delta R.T. -0.02 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

Tot Ion:119 Resp: 346919  
 Ion Ratio Lower Upper  
 119 100  
 91 62.0 34.2 102.6  
 134 23.1 12.0 36.0

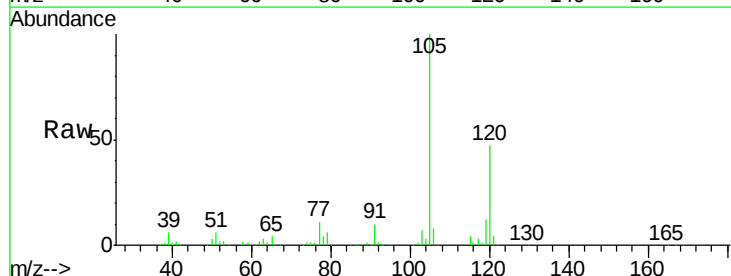


Abundance Ion 119.05 (118.75 to 119.75): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

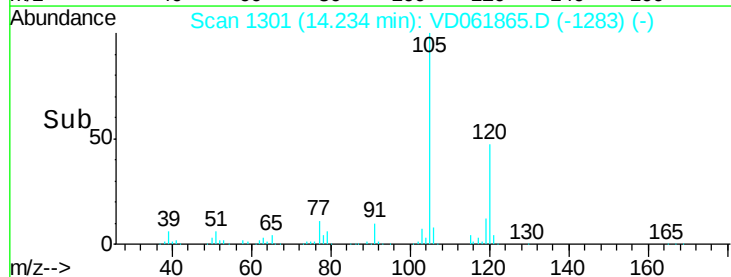
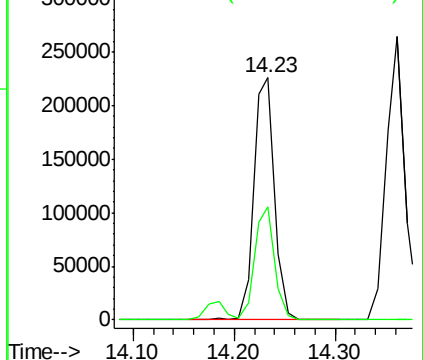


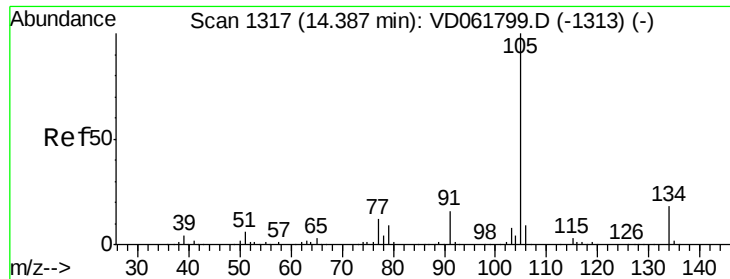
#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.800 ug/l  
 RT: 14.23 min Scan# 1301  
 Delta R.T. -0.02 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Tgt Ion:105 Resp: 324160  
 Ion Ratio Lower Upper  
 105 100  
 120 46.7 23.1 69.2



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

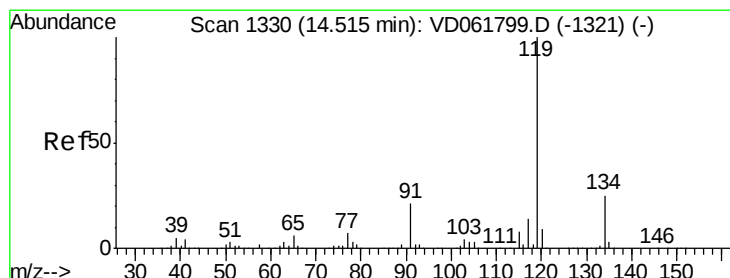
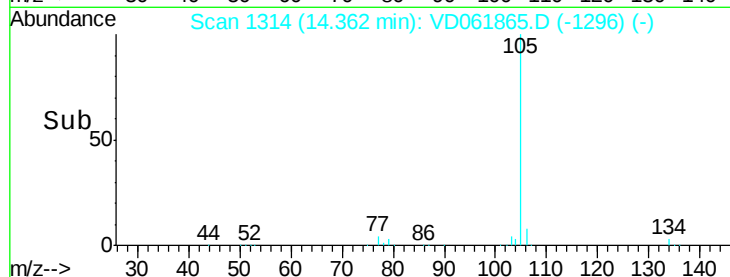
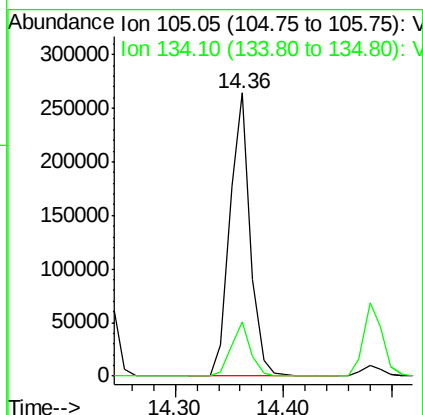
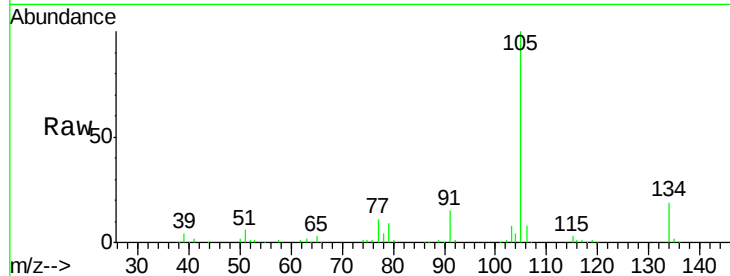




#85  
 sec-Butylbenzene  
 Concen: 18.273 ug/l  
 RT: 14.36 min Scan# 1314  
 Delta R.T. -0.02 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

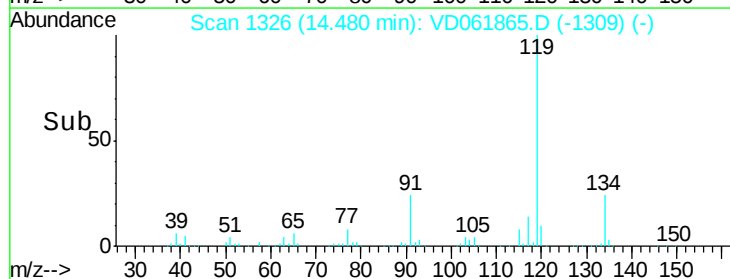
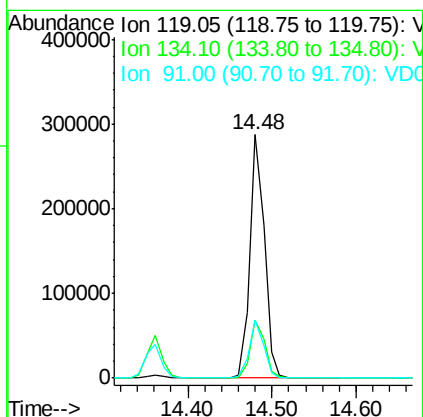
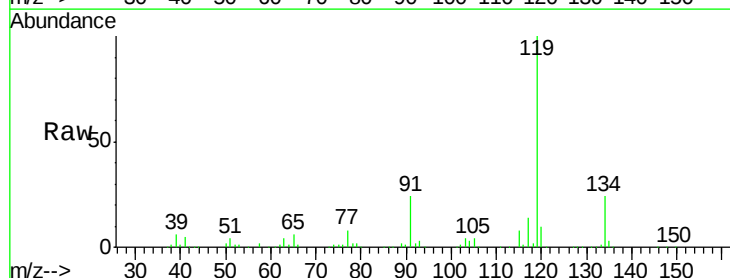
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

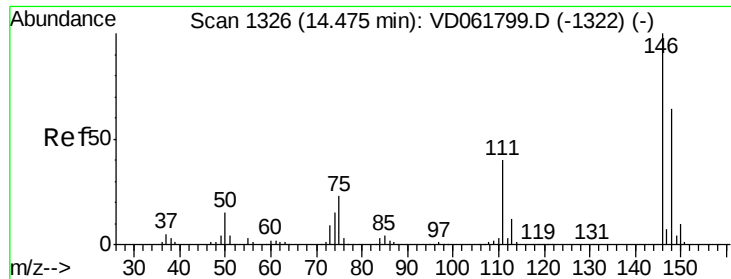
Tot Ion:105 Resp: 343895  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 8.9 26.7



#86  
 p-Isopropyltoluene  
 Concen: 19.715 ug/l  
 RT: 14.48 min Scan# 1326  
 Delta R.T. -0.03 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Tgt Ion:119 Resp: 347152  
 Ion Ratio Lower Upper  
 119 100  
 134 23.8 12.8 38.3  
 91 24.0 10.7 32.1

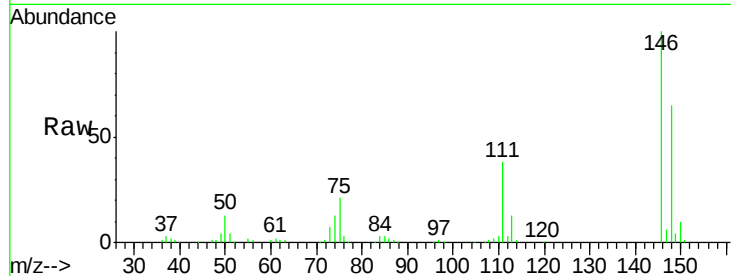




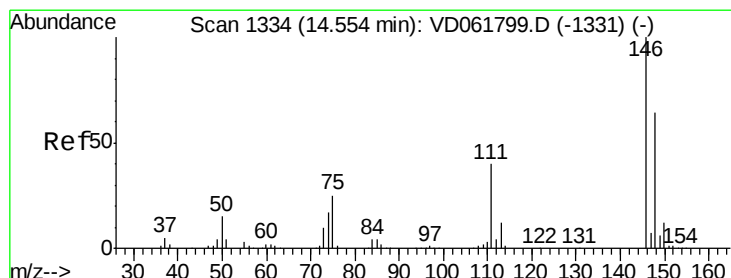
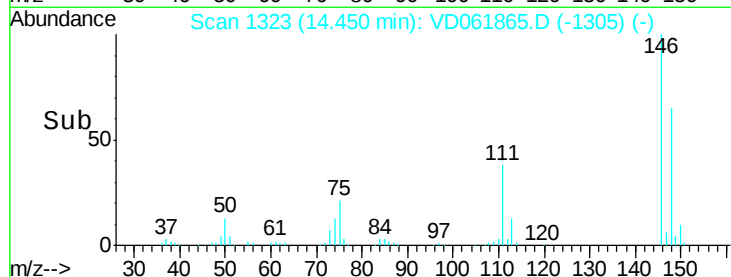
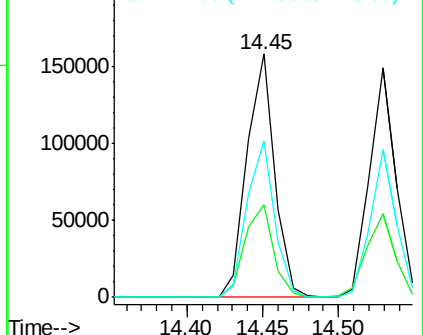
#87  
 1,3-Dichlorobenzene  
 Concen: 20.827 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. -0.02 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

Tot Ion:146 Resp: 201814  
 Ion Ratio Lower Upper  
 146 100  
 111 37.9 20.0 60.0  
 148 64.6 31.8 95.4

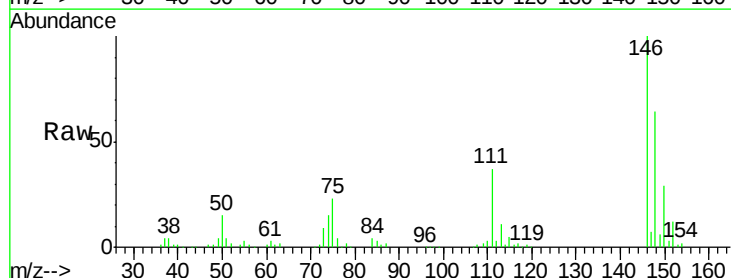


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

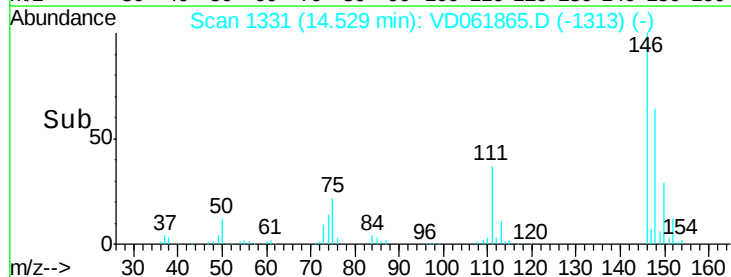
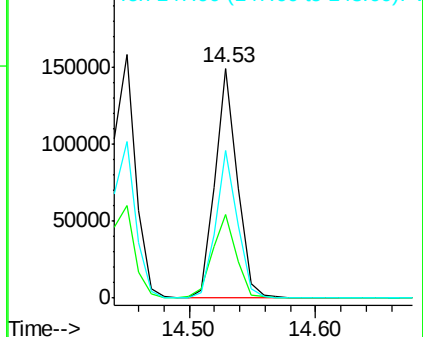


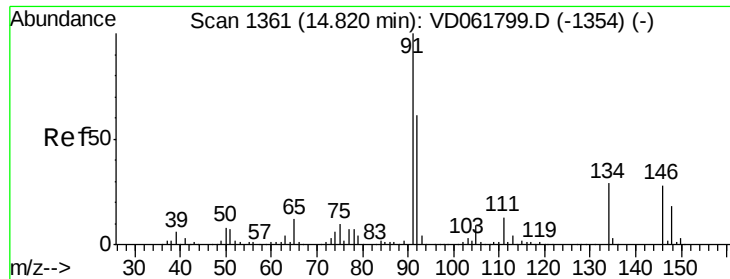
#88  
 1,4-Dichlorobenzene  
 Concen: 19.137 ug/l  
 RT: 14.53 min Scan# 1331  
 Delta R.T. -0.02 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Tgt Ion:146 Resp: 183302  
 Ion Ratio Lower Upper  
 146 100  
 111 36.6 20.2 60.5  
 148 64.2 32.0 96.2



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





#89

n-Butylbenzene

Concen: 18.774 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.02 min

Lab File: VD061865.D

Acq: 17 Apr 2019 21:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

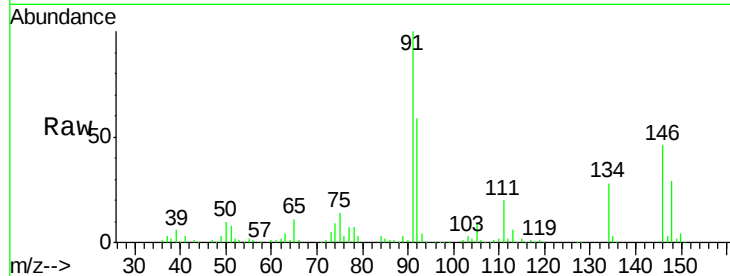
Tot Ion: 91 Resp: 292626

Ion Ratio Lower Upper

91 100

92 59.4 30.3 91.0

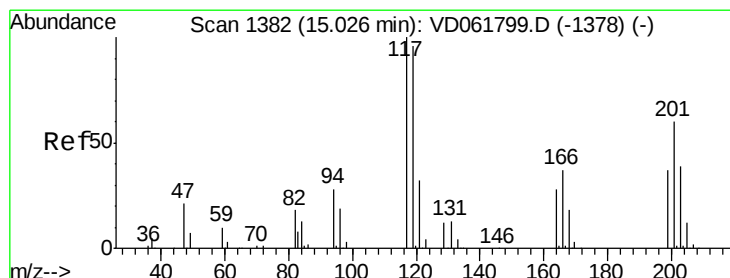
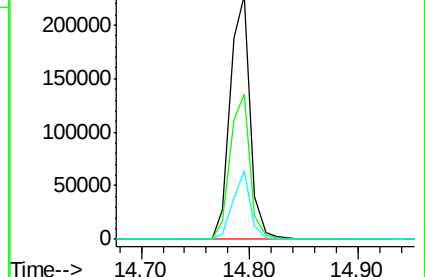
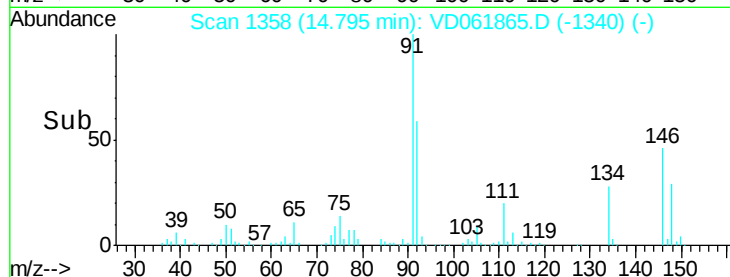
134 27.9 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 17.924 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.02 min

Lab File: VD061865.D

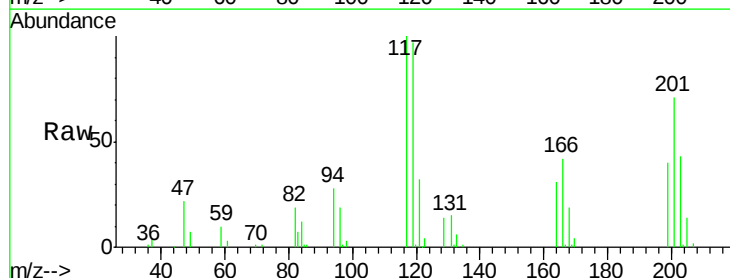
Acq: 17 Apr 2019 21:05

Tgt Ion: 117 Resp: 86024

Ion Ratio Lower Upper

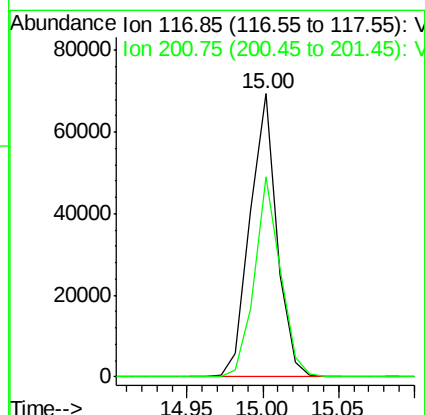
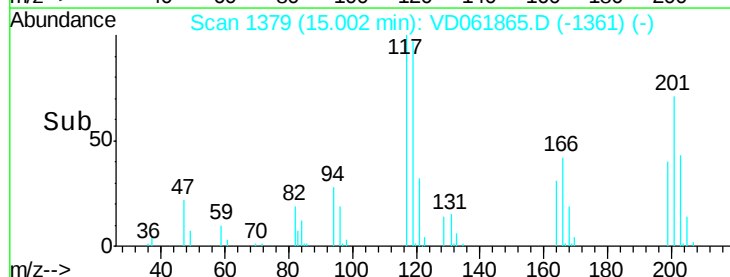
117 100

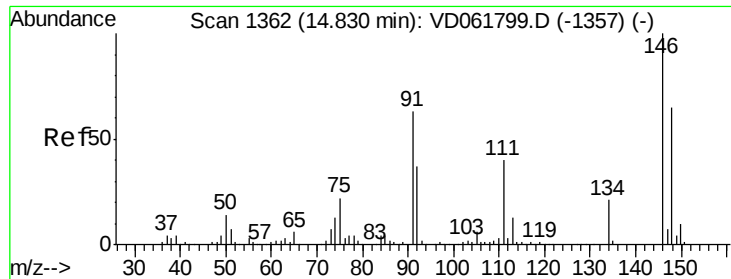
201 70.5 30.2 90.6



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

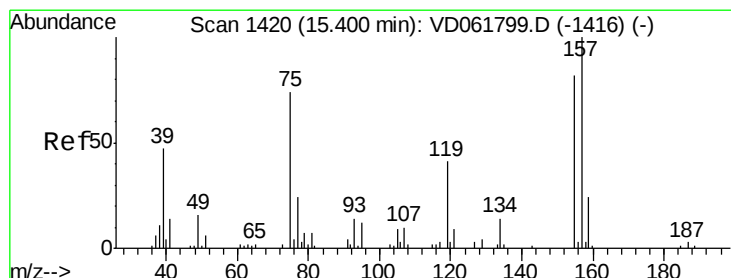
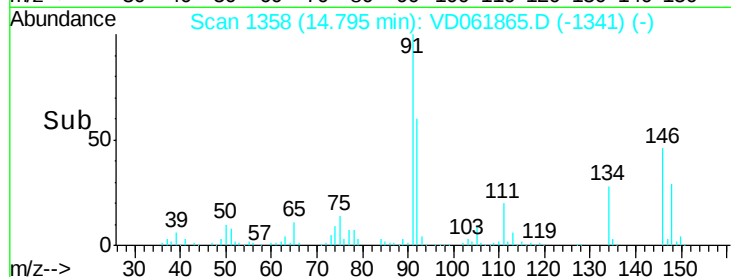
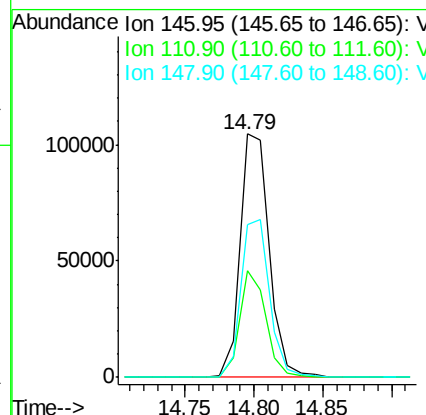
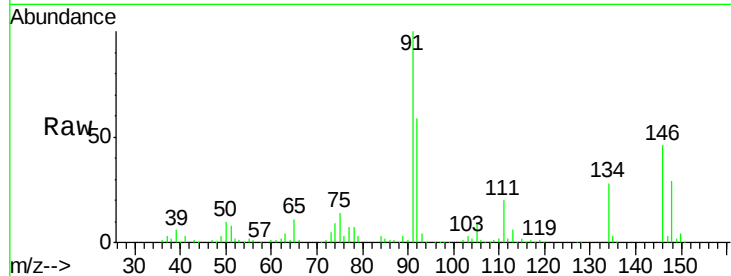




#91  
 1,2-Dichlorobenzene  
 Concen: 18.944 ug/l  
 RT: 14.79 min Scan# 1358  
 Delta R.T. -0.03 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

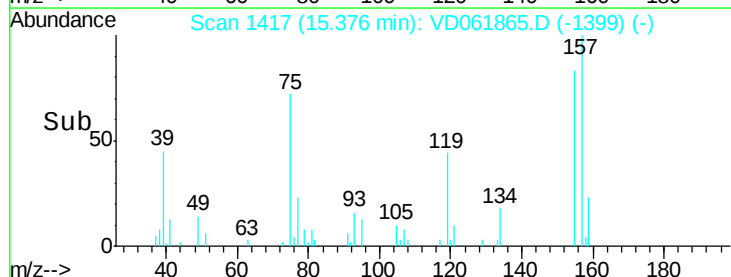
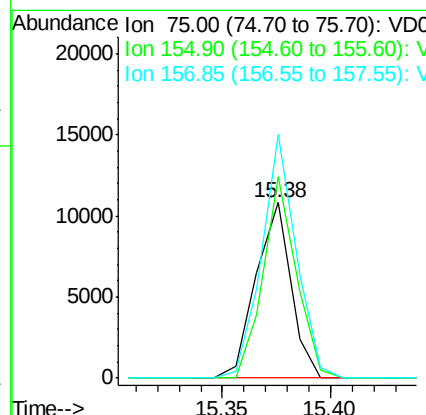
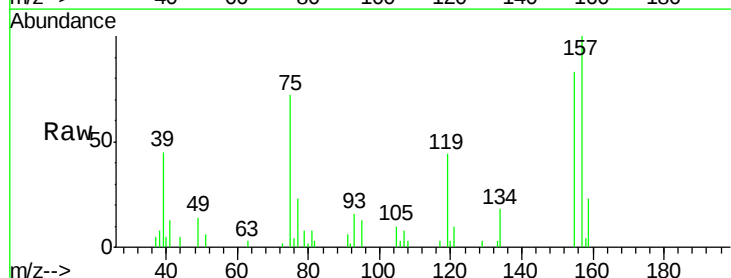
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

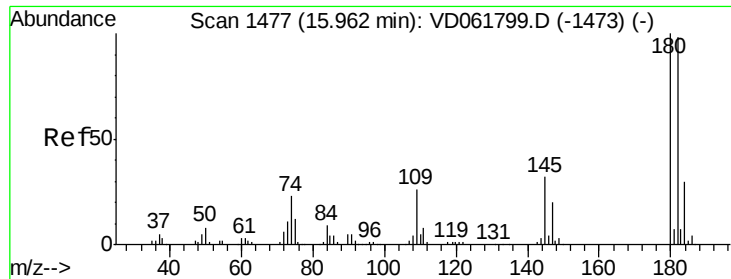
Tot Ion:146 Resp: 153760  
 Ion Ratio Lower Upper  
 146 100  
 111 43.8 20.0 59.9  
 148 62.6 32.3 96.8



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 25.459 ug/l  
 RT: 15.38 min Scan# 1417  
 Delta R.T. -0.02 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Tgt Ion: 75 Resp: 12069  
 Ion Ratio Lower Upper  
 75 100  
 155 114.5 55.3 165.8  
 157 138.8 67.8 203.2

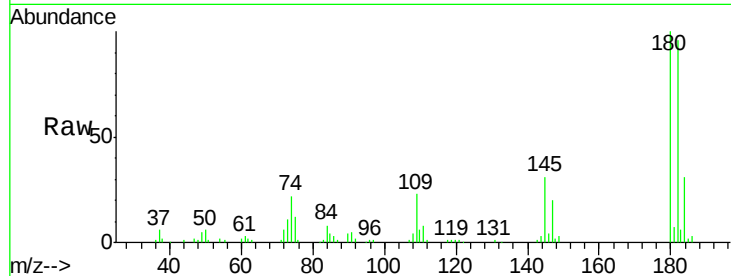




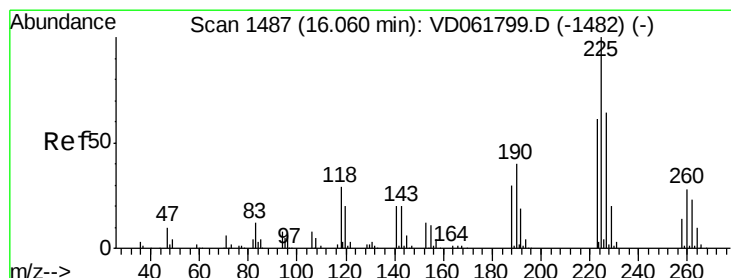
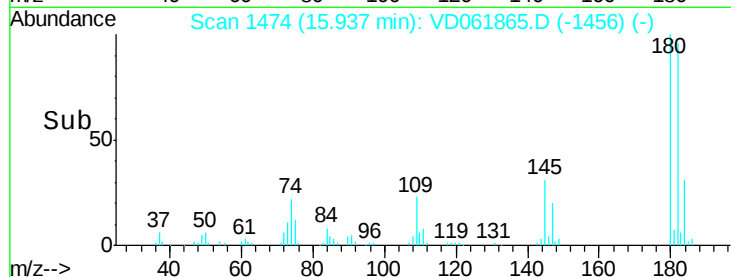
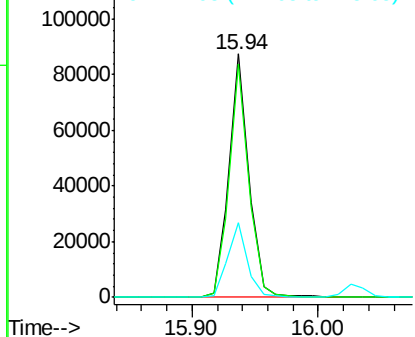
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.363 ug/l  
 RT: 15.94 min Scan# 1474  
 Delta R.T. -0.02 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

Tot Ion:180 Resp: 95234  
 Ion Ratio Lower Upper  
 180 100  
 182 95.7 49.3 147.8  
 145 30.6 16.2 48.6

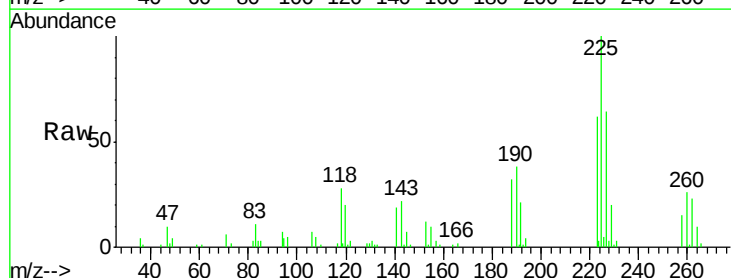


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

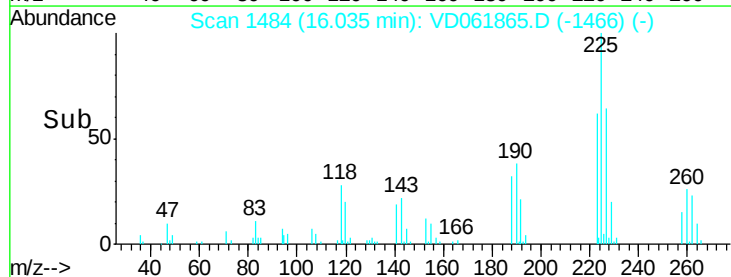
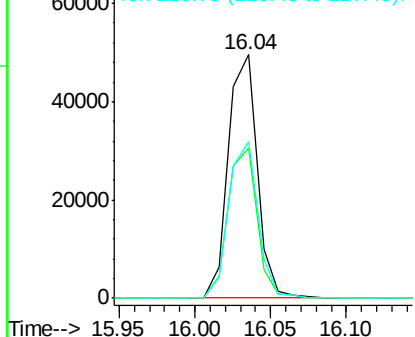


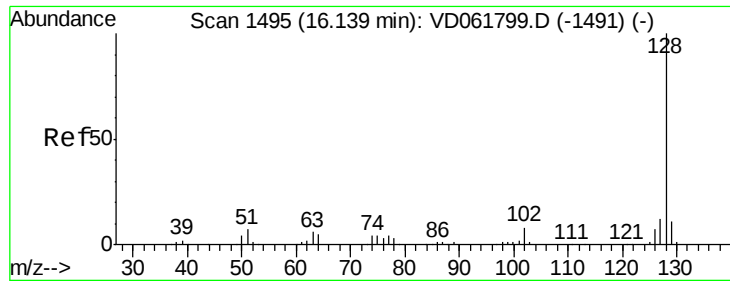
#94  
 Hexachlorobutadiene  
 Concen: 20.370 ug/l  
 RT: 16.04 min Scan# 1484  
 Delta R.T. -0.02 min  
 Lab File: VD061865.D  
 Acq: 17 Apr 2019 21:05

Tgt Ion:225 Resp: 65808  
 Ion Ratio Lower Upper  
 225 100  
 223 61.9 30.6 92.0  
 227 64.2 32.0 96.2



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

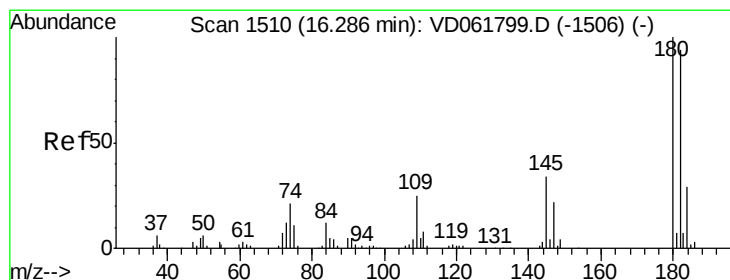
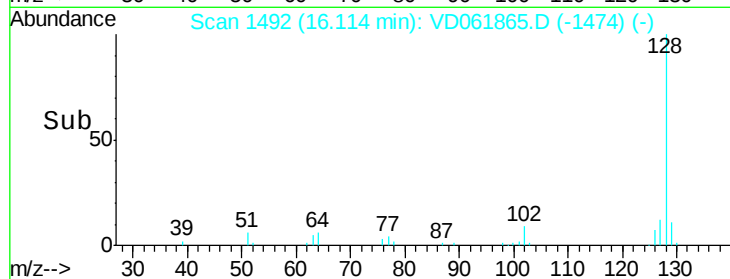
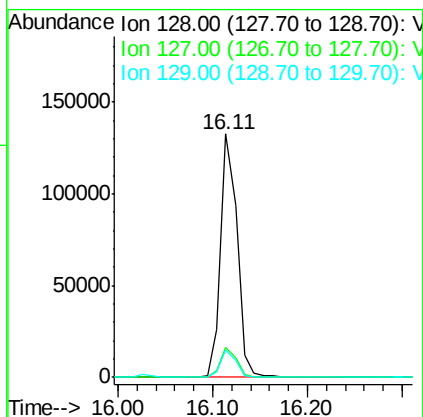
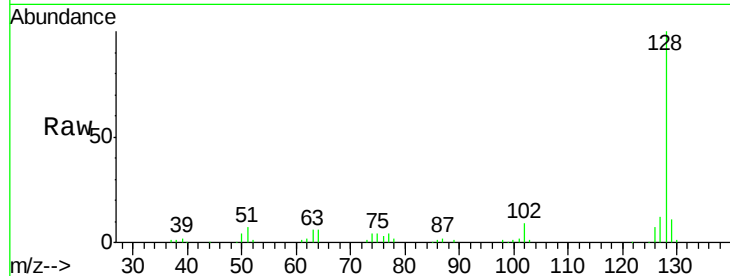




#95  
Naphthalene  
Concen: 23.494 ug/l  
RT: 16.11 min Scan# 1492  
Delta R.T. -0.02 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

Tot Ion:128 Resp: 160533  
Ion Ratio Lower Upper  
128 100  
127 12.2 9.8 14.8  
129 11.1 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 22.596 ug/l  
RT: 16.26 min Scan# 1507  
Delta R.T. -0.02 min  
Lab File: VD061865.D  
Acq: 17 Apr 2019 21:05

Tgt Ion:180 Resp: 57404  
Ion Ratio Lower Upper  
180 100  
182 98.7 47.0 141.0  
145 34.7 17.0 51.0

