

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041519\  
 Data File : VD061796.D  
 Acq On : 15 Apr 2019 12:46  
 Operator : VA/AP  
 Sample : VSTDIC005  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Quant Time: Apr 16 08:19:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 16 08:14:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.10  | 168  | 631283   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.27  | 114  | 1001708  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.40 | 117  | 874780   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.54 | 152  | 413198   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.50  | 65   | 24447    | 4.60 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.20%  |          |
| 35) Dibromofluoromethane    | 6.98  | 113  | 36541    | 4.83 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.66%  |          |
| 50) Toluene-d8              | 10.45 | 98   | 91612    | 5.11 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 10.22% |          |
| 62) 4-Bromofluorobenzene    | 13.57 | 95   | 35234    | 4.85 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.70%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.59 | 85   | 31975    | 5.162  | ug/l   | 98     |
| 3) Chloromethane              | 1.77 | 50   | 25263    | 5.118  | ug/l   | 96     |
| 4) Vinyl Chloride             | 1.88 | 62   | 24528    | 5.006  | ug/l   | 95     |
| 5) Bromomethane               | 2.17 | 94   | 9094     | 7.243  | ug/l # | 79     |
| 6) Chloroethane               | 2.29 | 64   | 7886     | 4.718  | ug/l   | 91     |
| 7) Trichlorofluoromethane     | 2.56 | 101  | 39090    | 4.929  | ug/l   | 98     |
| 8) Diethyl Ether              | 2.90 | 74   | 10713    | 5.144  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.19 | 101  | 35840    | 5.062  | ug/l   | 95     |
| 10) Methyl Iodide             | 3.36 | 142  | 29329    | 3.072  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.11 | 59   | 6429     | 20.500 | ug/l # | 76     |
| 12) 1,1-Dichloroethene        | 3.17 | 96   | 28965    | 4.863  | ug/l   | 94     |
| 13) Acrolein                  | 3.08 | 56   | 7989     | 26.295 | ug/l   | 88     |
| 14) Allyl chloride            | 3.66 | 41   | 36810    | 4.534  | ug/l   | 94     |
| 15) Acrylonitrile             | 4.24 | 53   | 21690    | 22.030 | ug/l   | 97     |
| 16) Acetone                   | 3.26 | 43   | 29607    | 22.586 | ug/l   | 95     |
| 17) Carbon Disulfide          | 3.42 | 76   | 91700    | 4.764  | ug/l   | 97     |
| 18) Methyl Acetate            | 3.69 | 43   | 14709    | 5.595  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 4.29 | 73   | 50261    | 4.533  | ug/l   | 92     |
| 20) Methylene Chloride        | 3.87 | 84   | 59413    | 7.511  | ug/l   | 93     |
| 21) trans-1,2-Dichloroethene  | 4.27 | 96   | 29716    | 4.543  | ug/l # | 86     |
| 22) Diisopropyl ether         | 5.18 | 45   | 84171    | 4.858  | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.11 | 43   | 199015   | 21.520 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.04 | 63   | 48402    | 4.603  | ug/l   | 96     |
| 25) 2-Butanone                | 6.12 | 43   | 33697    | 22.576 | ug/l # | 91     |
| 26) 2,2-Dichloropropane       | 6.07 | 77   | 44565    | 4.898  | ug/l   | 89     |
| 27) cis-1,2-Dichloroethene    | 6.09 | 96   | 35243    | 4.964  | ug/l   | 98     |
| 28) Bromochloromethane        | 6.49 | 49   | 19104    | 4.778  | ug/l   | 90     |
| 29) Tetrahydrofuran           | 6.51 | 42   | 17407    | 23.940 | ug/l   | 99     |
| 30) Chloroform                | 6.71 | 83   | 55184    | 4.701  | ug/l   | 93     |
| 31) Cyclohexane               | 7.01 | 56   | 40591    | 5.038  | ug/l   | 91     |
| 32) 1,1,1-Trichloroethane     | 6.93 | 97   | 48208    | 4.633  | ug/l   | 92     |
| 36) 1,1-Dichloropropene       | 7.20 | 75   | 36702    | 4.483  | ug/l   | 90     |
| 37) Ethyl Acetate             | 6.24 | 43   | 15869    | 4.530  | ug/l # | 93     |
| 38) Carbon Tetrachloride      | 7.17 | 117  | 53084    | 4.981  | ug/l   | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041519\  
 Data File : VD061796.D  
 Acq On : 15 Apr 2019 12:46  
 Operator : VA/AP  
 Sample : VSTDIC005  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Quant Time: Apr 16 08:19:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 16 08:14:32 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 8.92  | 83   | 43605    | 5.130  | ug/l   | 98       |
| 40) Benzene                    | 7.51  | 78   | 91097    | 4.635  | ug/l   | 97       |
| 41) Methacrylonitrile          | 6.49  | 41   | 20449    | 4.938  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 7.63  | 62   | 33276    | 4.862  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 9.28  | 43   | 22053    | 4.473  | ug/l   | 94       |
| 44) Trichloroethene            | 8.58  | 130  | 35983    | 4.756  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 8.99  | 63   | 23693    | 4.629  | ug/l # | 87       |
| 46) Dibromomethane             | 9.10  | 93   | 17336    | 4.753  | ug/l   | 90       |
| 47) Bromodichloromethane       | 9.42  | 83   | 38596    | 4.587  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.16  | 41   | 13226    | 4.564  | ug/l   | 88       |
| 49) 1,4-Dioxane                | 9.12  | 88   | 2614     | 82.526 | ug/l # | 76       |
| 51) 4-Methyl-2-Pentanone       | 10.34 | 43   | 71157    | 23.602 | ug/l   | 97       |
| 52) Toluene                    | 10.55 | 92   | 56649    | 4.498  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.96 | 75   | 34364    | 4.532  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 43024    | 4.834  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane      | 11.23 | 97   | 20587    | 4.851  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 11.08 | 69   | 21920    | 4.706  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 11.45 | 76   | 29436    | 4.614  | ug/l   | 91       |
| 58) 2-Chloroethyl Vinyl ether  | 9.90  | 63   | 60135    | 27.146 | ug/l   | 92       |
| 59) 2-Hexanone                 | 11.57 | 43   | 53600    | 23.937 | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.72 | 129  | 31025    | 4.468  | ug/l   | 94       |
| 61) 1,2-Dibromoethane          | 11.84 | 107  | 25340    | 4.856  | ug/l   | 83       |
| 64) Tetrachloroethene          | 11.30 | 164  | 32041    | 4.884  | ug/l   | 95       |
| 65) Chlorobenzene              | 12.43 | 112  | 80612    | 4.948  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.54 | 131  | 32123    | 4.705  | ug/l   | 93       |
| 67) Ethyl Benzene              | 12.55 | 91   | 127288   | 4.879  | ug/l   | 99       |
| 68) m/p-Xylenes                | 12.70 | 106  | 92015    | 9.389  | ug/l   | 92       |
| 69) o-Xylene                   | 13.07 | 106  | 45218    | 4.909  | ug/l   | 96       |
| 70) Styrene                    | 13.10 | 104  | 76069    | 4.799  | ug/l   | 98       |
| 71) Bromoform                  | 13.26 | 173  | 16337    | 4.031  | ug/l   | 95       |
| 73) Isopropylbenzene           | 13.43 | 105  | 120534   | 4.498  | ug/l   | 100      |
| 74) N-amyl acetate             | 13.29 | 43   | 32012    | 4.442  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.72 | 83   | 22722    | 4.290  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 13.75 | 75   | 23364    | 4.306  | ug/l   | 95       |
| 77) Bromobenzene               | 13.69 | 156  | 35097    | 4.611  | ug/l   | 92       |
| 78) n-propylbenzene            | 13.80 | 91   | 133474   | 4.311  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 13.86 | 91   | 81335    | 4.524  | ug/l   | 91       |
| 80) 1,3,5-Trimethylbenzene     | 13.96 | 105  | 100281   | 4.716  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 13.50 | 75   | 6057     | 3.918  | ug/l # | 89       |
| 82) 4-Chlorotoluene            | 13.97 | 91   | 101569   | 4.906  | ug/l   | 91       |
| 83) tert-Butylbenzene          | 14.21 | 119  | 117519   | 4.707  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene     | 14.26 | 105  | 99069    | 4.635  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 14.39 | 105  | 124821   | 4.836  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 14.51 | 119  | 117394   | 4.861  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 14.48 | 146  | 59762    | 4.497  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 14.56 | 146  | 65481    | 4.985  | ug/l   | 98       |
| 89) n-Butylbenzene             | 14.81 | 91   | 108364   | 5.070  | ug/l   | 92       |
| 90) Hexachloroethane           | 15.03 | 117  | 29323    | 4.455  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene        | 14.83 | 146  | 57274    | 5.145  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.40 | 75   | 2535     | 3.456  | ug/l   | 71       |

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Data File : VD061796.D  
Acq On : 15 Apr 2019 12:46  
Operator : VA/AP  
Sample : VSTDICC005  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

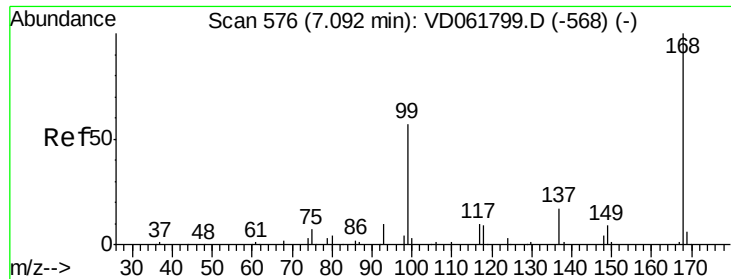
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

Quant Time: Apr 16 08:19:00 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 16 08:14:32 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.97 | 180  | 27667    | 4.525 | ug/l  | 91       |
| 94) Hexachlorobutadiene    | 16.05 | 225  | 20339    | 4.591 | ug/l  | 96       |
| 95) Naphthalene            | 16.14 | 128  | 41081    | 4.384 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.29 | 180  | 16637    | 4.775 | ug/l  | 90       |

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

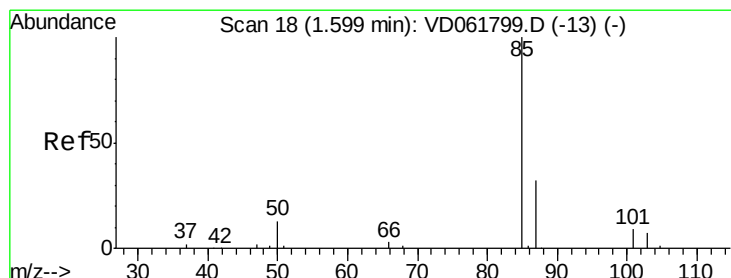
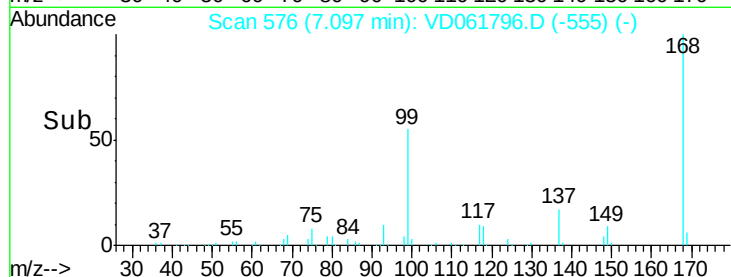
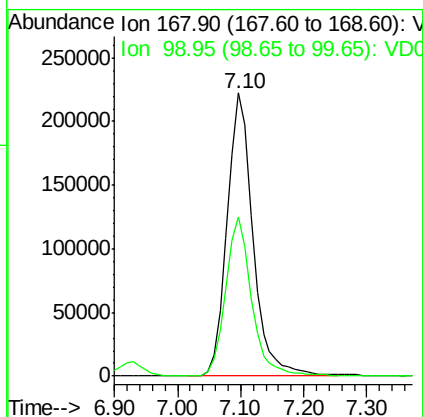
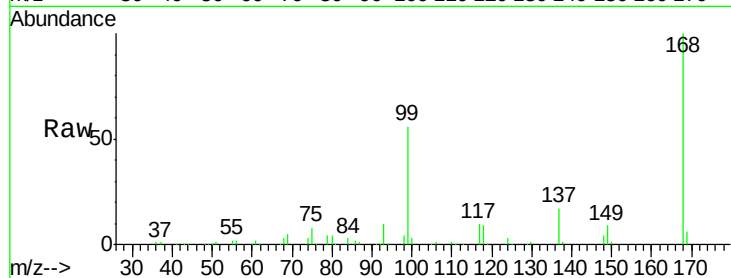




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.10 min Scan# 576  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

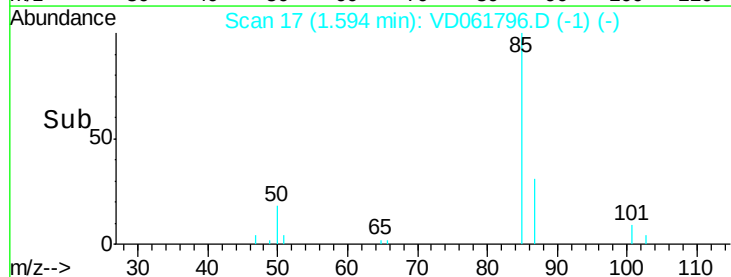
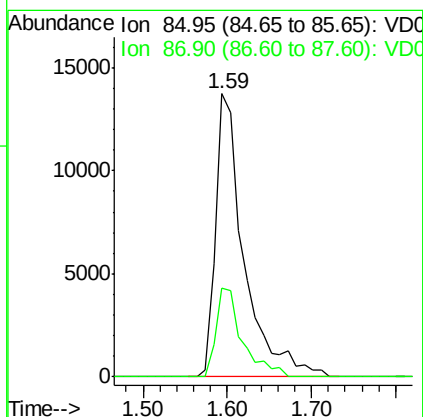
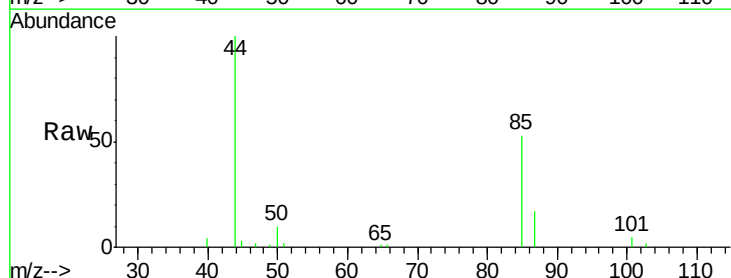
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

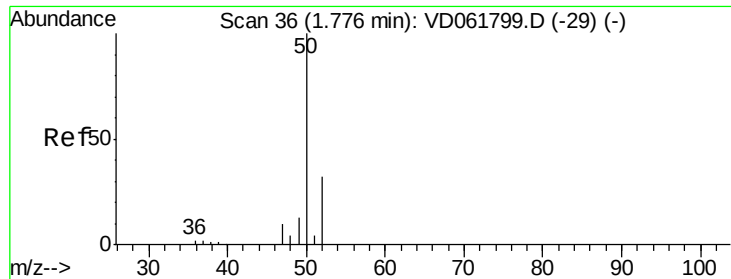
Tot Ion:168 Resp: 631283  
Ion Ratio Lower Upper  
168 100  
99 56.2 46.5 69.7



#2  
Dichlorodifluoromethane  
Concen: 5.162 ug/l  
RT: 1.59 min Scan# 17  
Delta R.T. -0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion: 85 Resp: 31975  
Ion Ratio Lower Upper  
85 100  
87 31.4 16.2 48.6





#3

Chloromethane

Concen: 5.118 ug/l

RT: 1.77 min Scan# 35

Delta R.T. -0.01 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

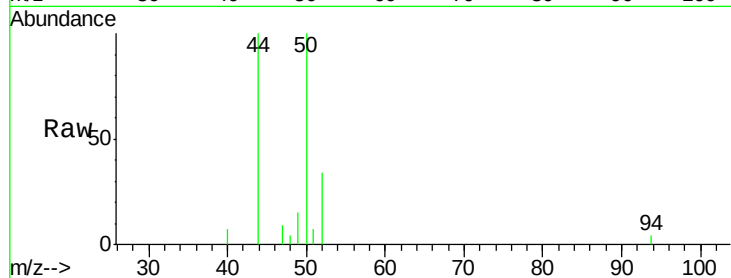
VSTDIC005

Tot Ion: 50 Resp: 25263

Ion Ratio Lower Upper

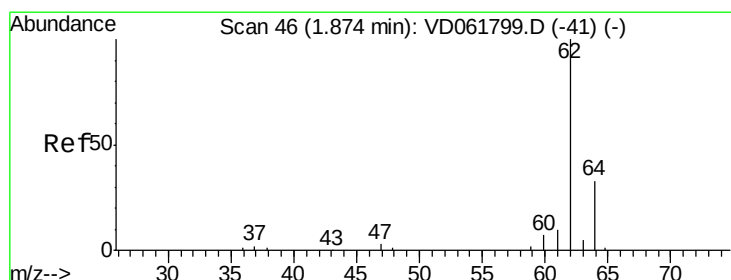
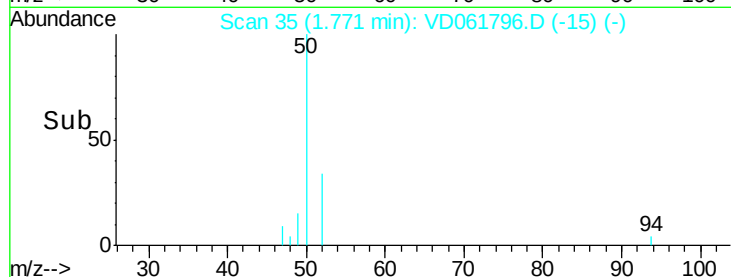
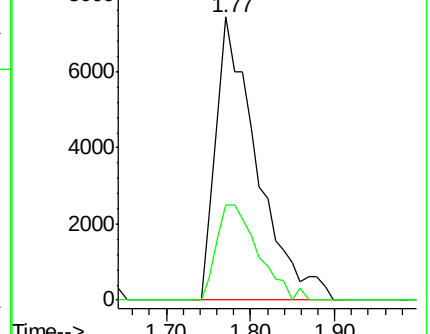
50 100

52 33.8 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: 5.006 ug/l

RT: 1.88 min Scan# 46

Delta R.T. 0.00 min

Lab File: VD061796.D

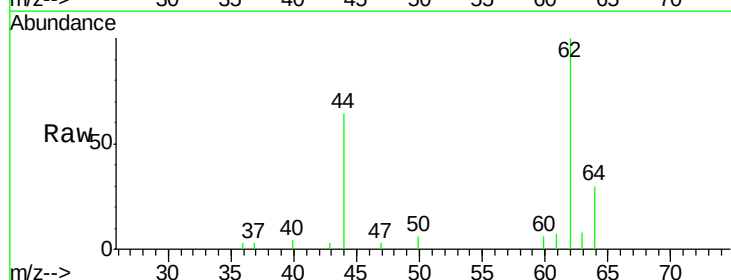
Acq: 15 Apr 2019 12:46

Tgt Ion: 62 Resp: 24528

Ion Ratio Lower Upper

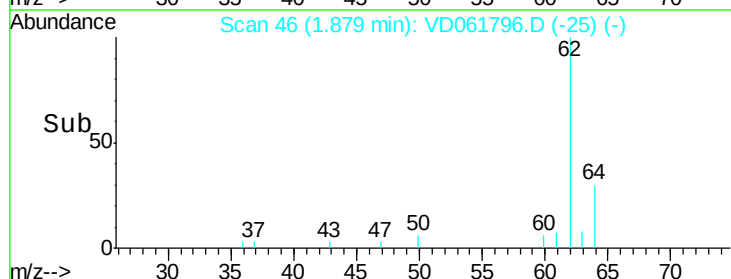
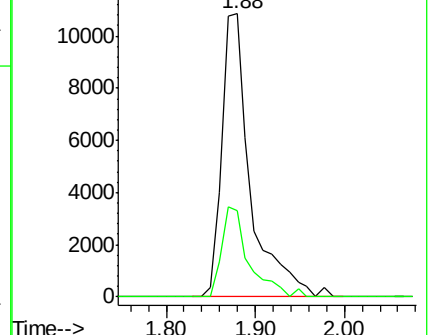
62 100

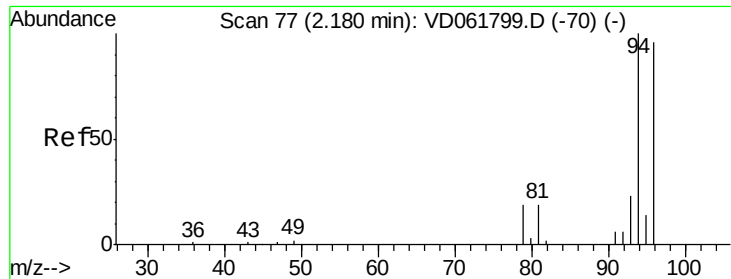
64 30.4 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 7.243 ug/l

RT: 2.17 min Scan# 76

Delta R.T. -0.01 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

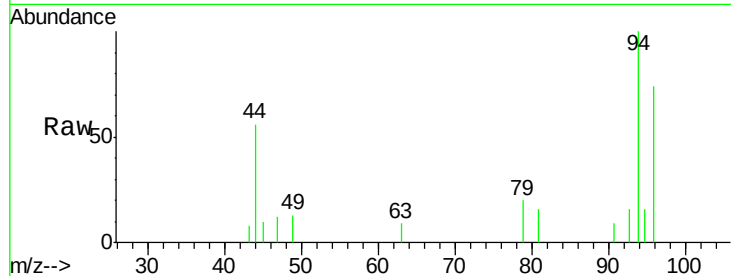
Tot Ion: 94 Resp: 9094

Ion Ratio Lower Upper

94 100

96 74.3 76.6 115.0#

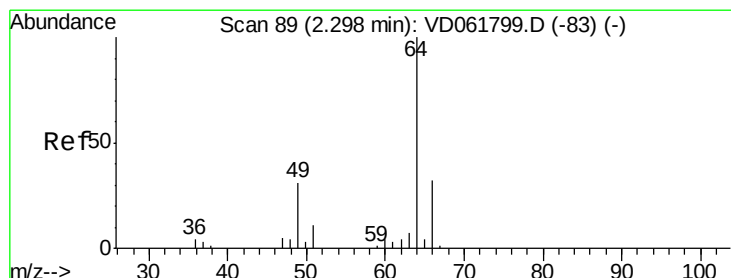
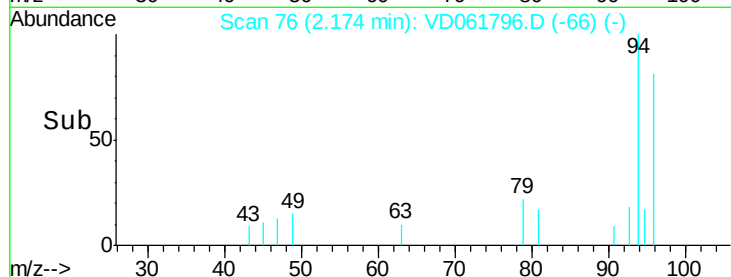
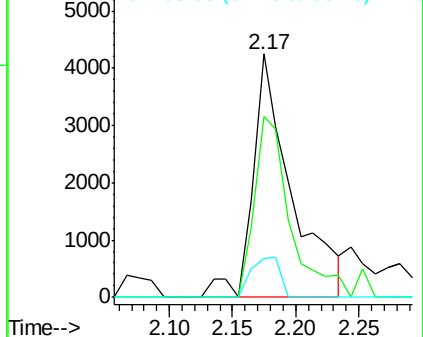
93 16.1 18.5 27.7#



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: 4.718 ug/l

RT: 2.29 min Scan# 88

Delta R.T. -0.01 min

Lab File: VD061796.D

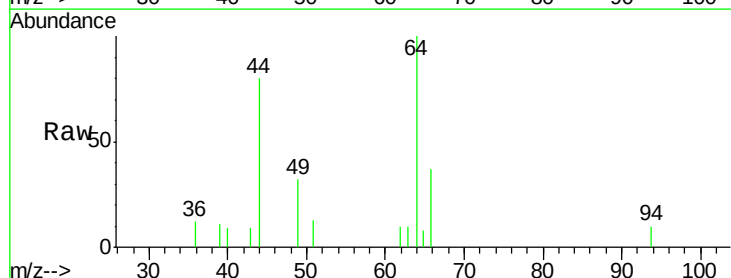
Acq: 15 Apr 2019 12:46

Tgt Ion: 64 Resp: 7886

Ion Ratio Lower Upper

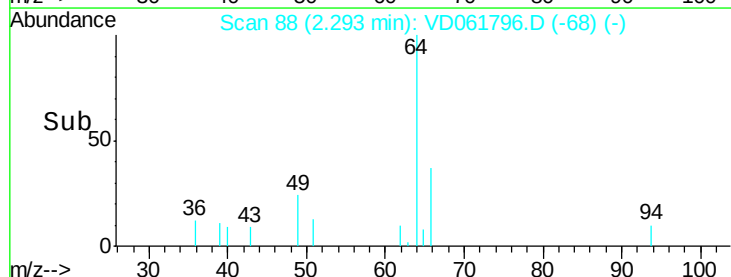
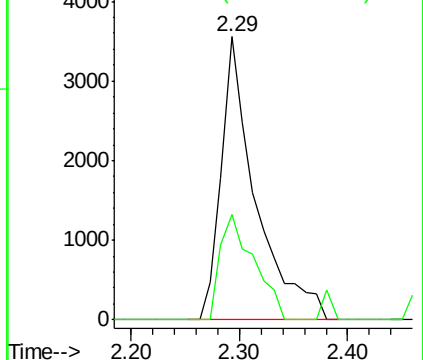
64 100

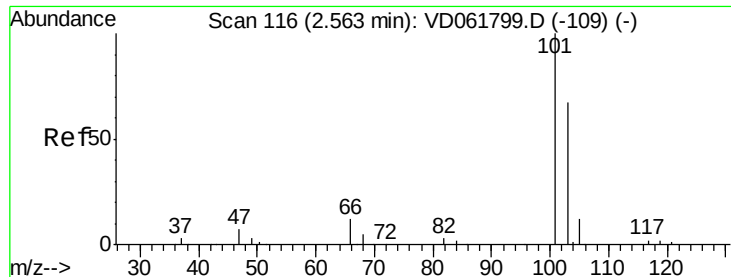
66 37.2 25.6 38.4



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



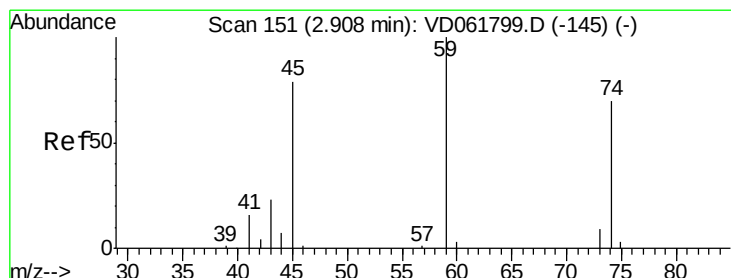
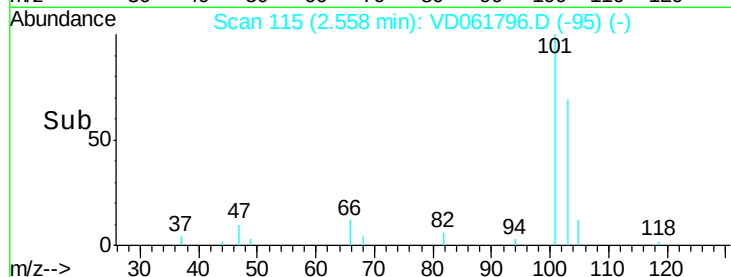
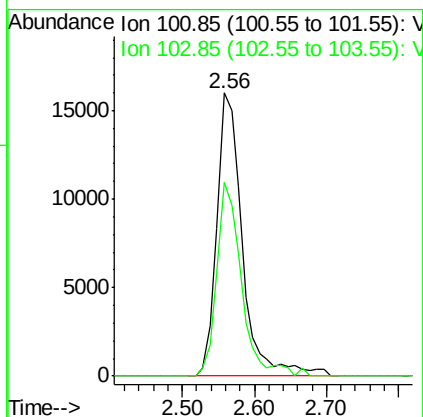
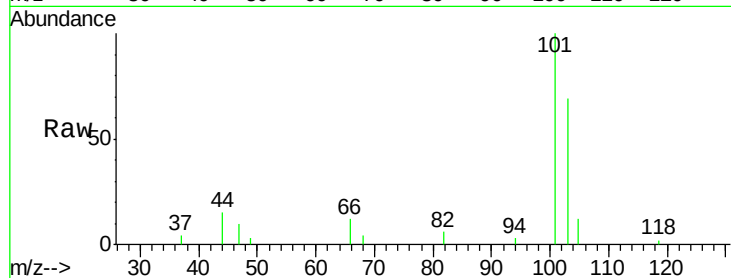


#7

Trichlorofluoromethane  
 Concen: 4.929 ug/l  
 RT: 2.56 min Scan# 115  
 Delta R.T. -0.01 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

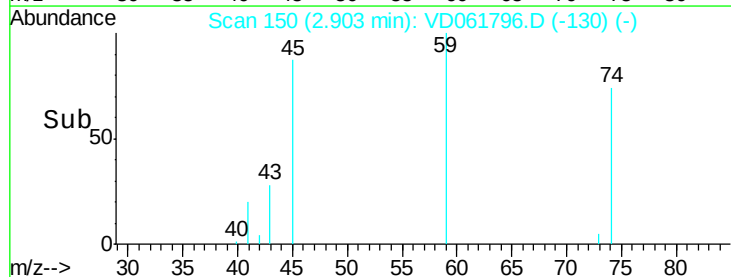
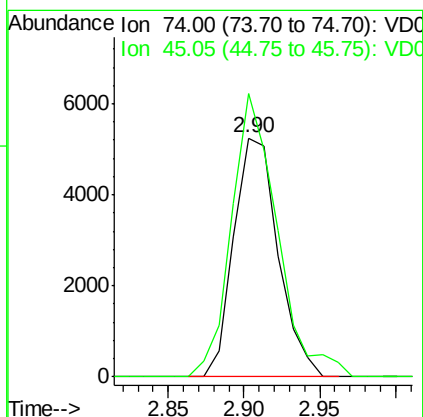
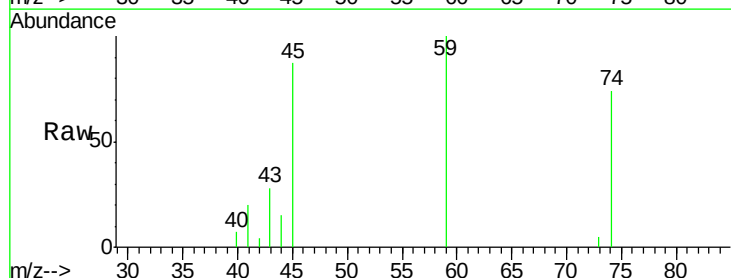
Tot Ion:101 Resp: 39090  
 Ion Ratio Lower Upper  
 101 100  
 103 68.7 53.6 80.4



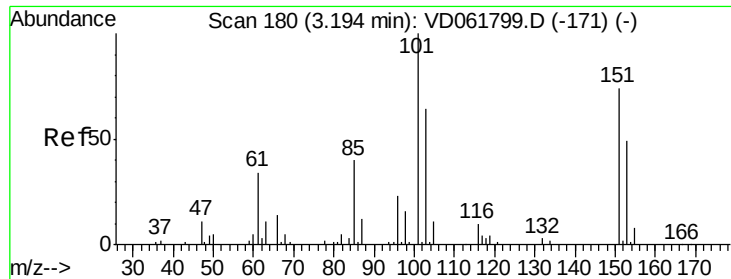
#8

Diethyl Ether  
 Concen: 5.144 ug/l  
 RT: 2.90 min Scan# 150  
 Delta R.T. -0.01 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Tgt Ion: 74 Resp: 10713  
 Ion Ratio Lower Upper  
 74 100  
 45 118.4 56.9 170.7



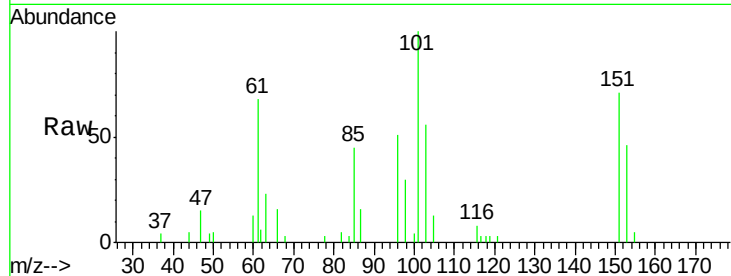




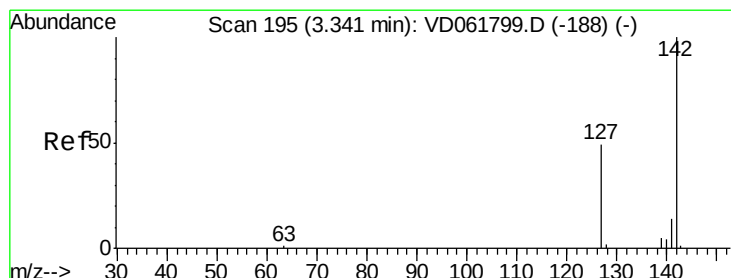
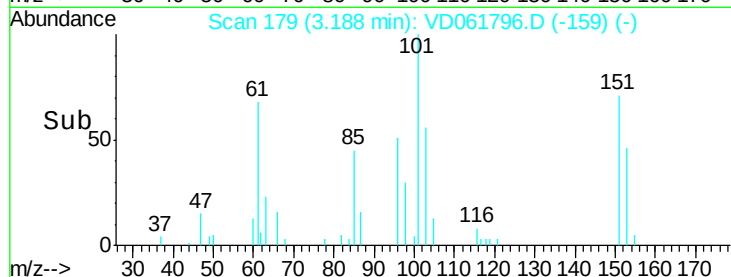
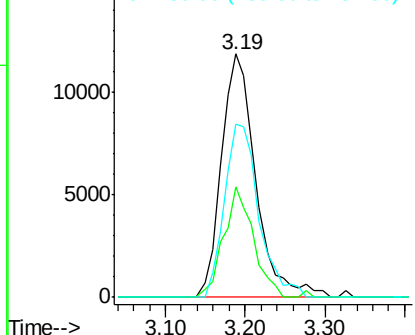
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 5.062 ug/l  
 RT: 3.19 min Scan# 179  
 Delta R.T. -0.01 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Tot Ion:101 Resp: 35840  
 Ion Ratio Lower Upper  
 101 100  
 85 45.4 32.4 48.6  
 151 71.3 59.4 89.0

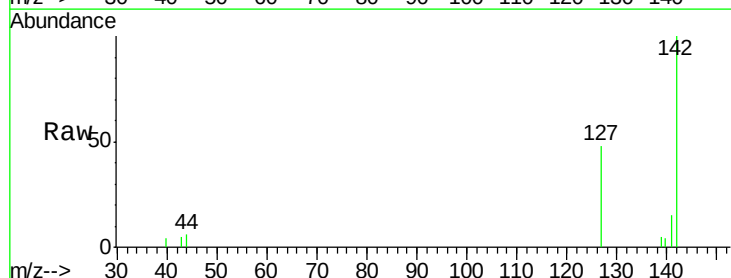


Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 84.95 (84.65 to 85.65): V  
 Ion 150.90 (150.60 to 151.60): V

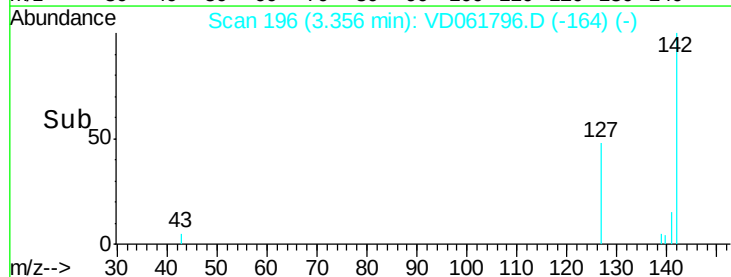
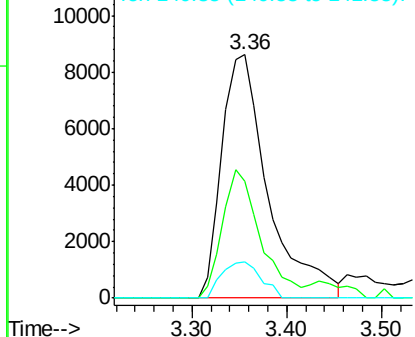


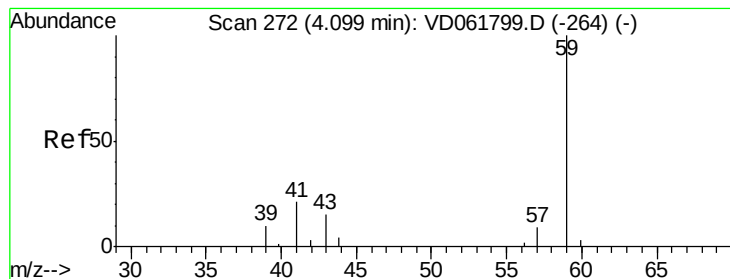
#10  
 Methyl Iodide  
 Concen: 3.072 ug/l  
 RT: 3.36 min Scan# 196  
 Delta R.T. 0.01 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Tgt Ion:142 Resp: 29329  
 Ion Ratio Lower Upper  
 142 100  
 127 48.2 38.8 58.2  
 141 15.1 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



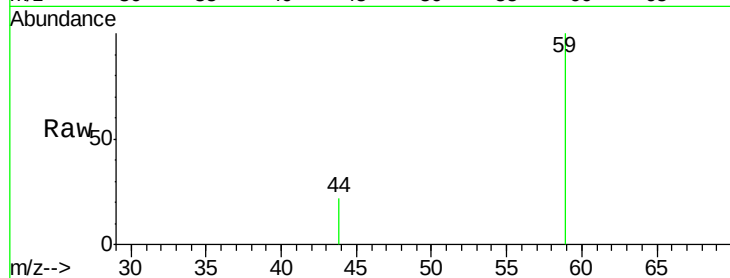


#11

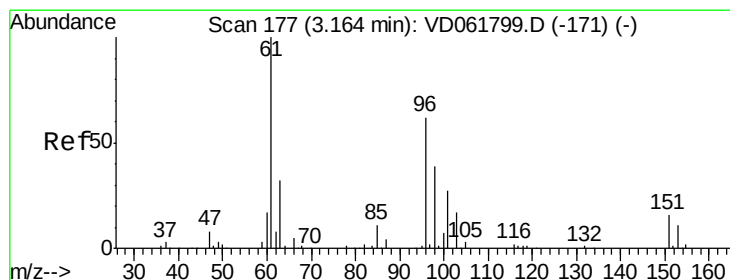
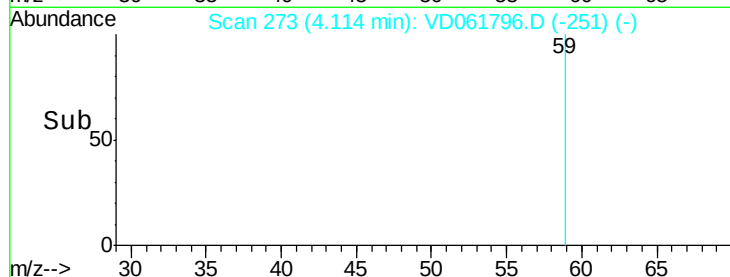
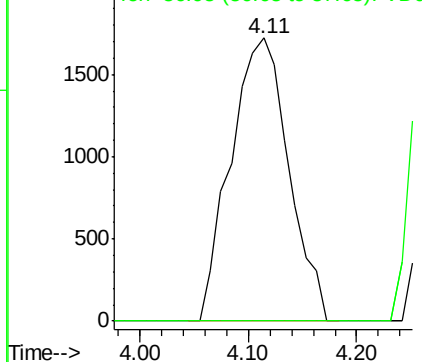
Tert butyl alcohol  
 Concen: 20.500 ug/l  
 RT: 4.11 min Scan# 273  
 Delta R.T. 0.01 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 59 Resp: 6429  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 6.9 10.3#



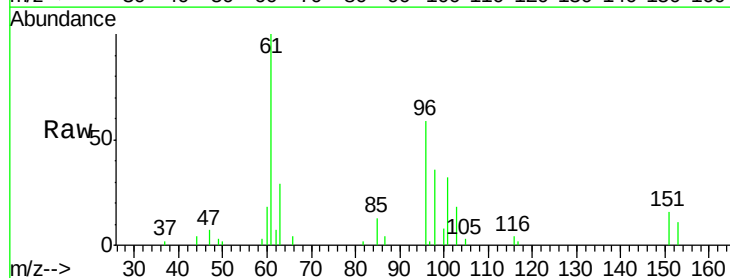
Abundance Ion 58.95 (58.65 to 59.65): VDC  
 Ion 56.95 (56.65 to 57.65): VDC



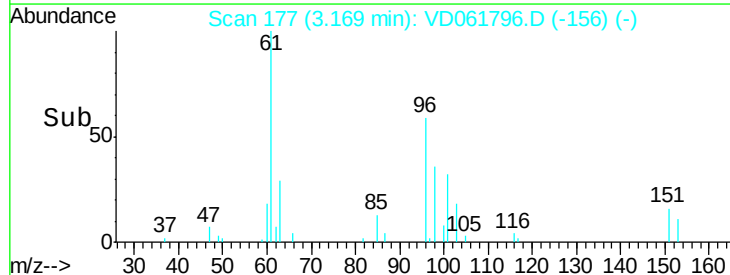
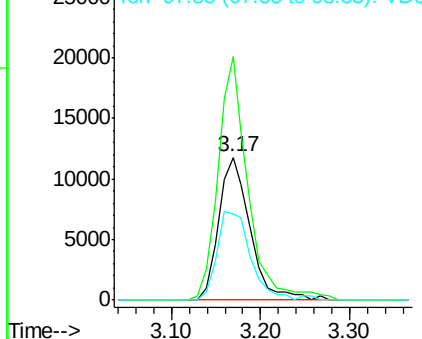
#12

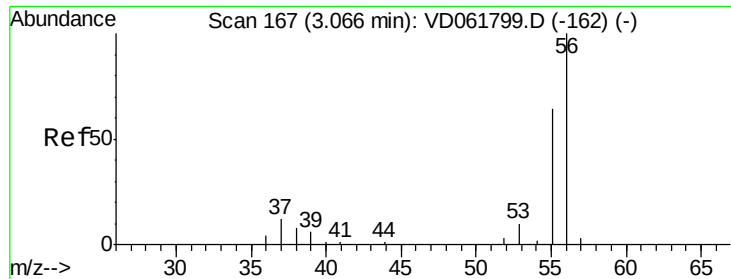
1,1-Dichloroethene  
 Concen: 4.863 ug/l  
 RT: 3.17 min Scan# 177  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Tgt Ion: 96 Resp: 28965  
 Ion Ratio Lower Upper  
 96 100  
 61 170.2 129.8 194.8  
 98 60.5 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: 26.295 ug/l

RT: 3.08 min Scan# 168

Delta R.T. 0.01 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

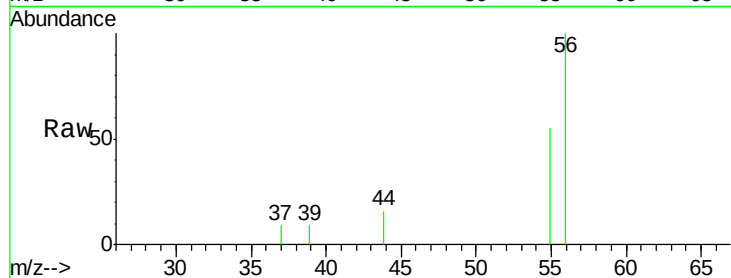
VSTDIC005

Tot Ion: 56 Resp: 7989

Ion Ratio Lower Upper

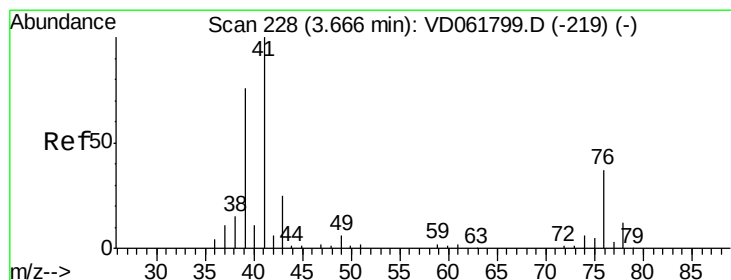
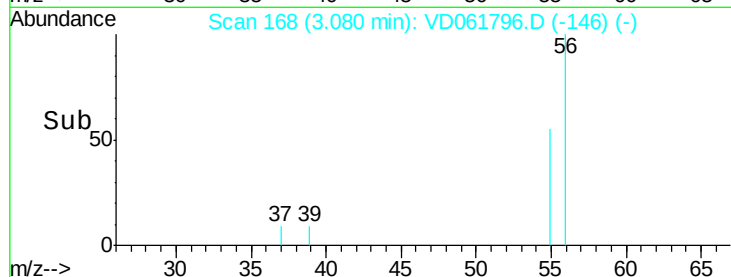
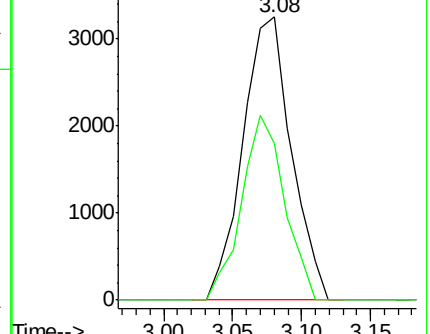
56 100

55 55.3 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: 4.534 ug/l

RT: 3.66 min Scan# 227

Delta R.T. -0.01 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

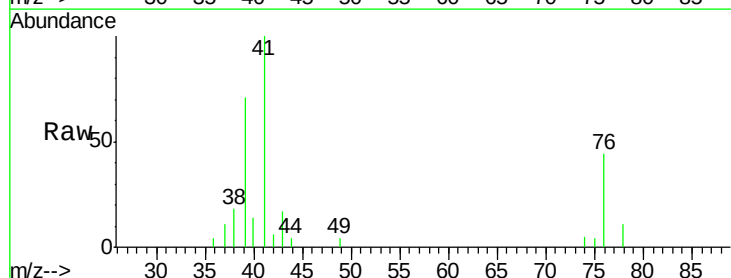
Tgt Ion: 41 Resp: 36810

Ion Ratio Lower Upper

41 100

39 71.1 60.5 90.7

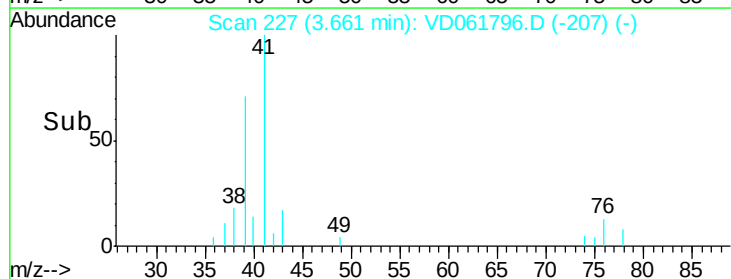
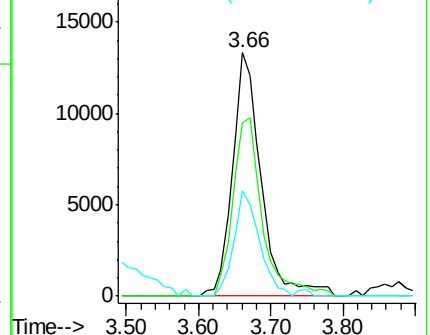
76 43.5 31.8 47.8

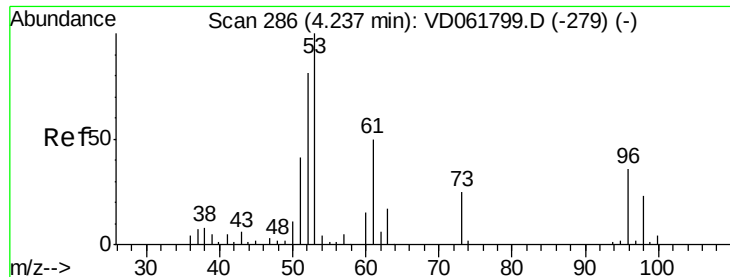


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 22.030 ug/l

RT: 4.24 min Scan# 286

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

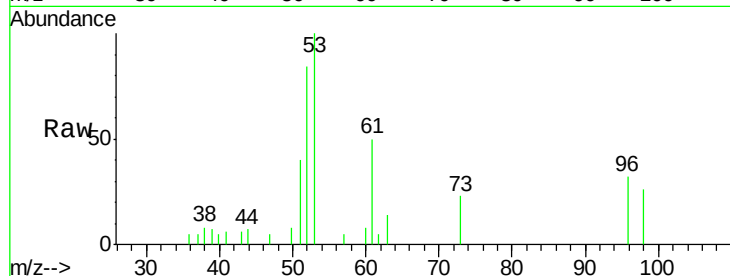
Tot Ion: 53 Resp: 21690

Ion Ratio Lower Upper

53 100

52 84.2 65.0 97.4

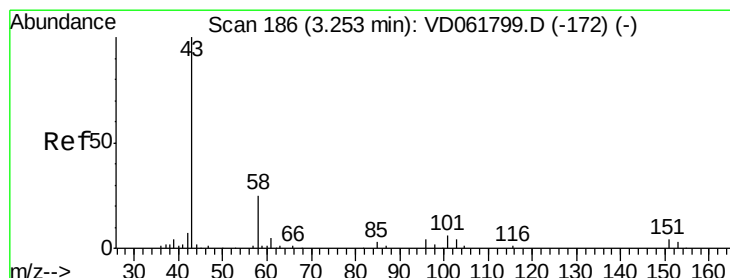
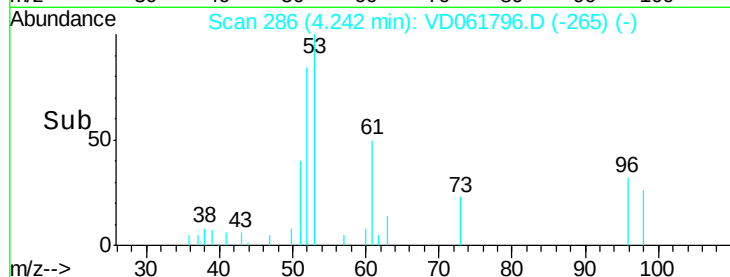
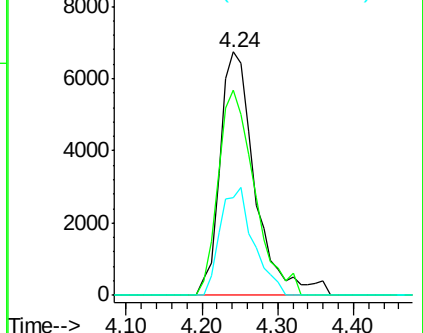
51 40.2 32.6 48.8



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: 22.586 ug/l

RT: 3.26 min Scan# 186

Delta R.T. 0.00 min

Lab File: VD061796.D

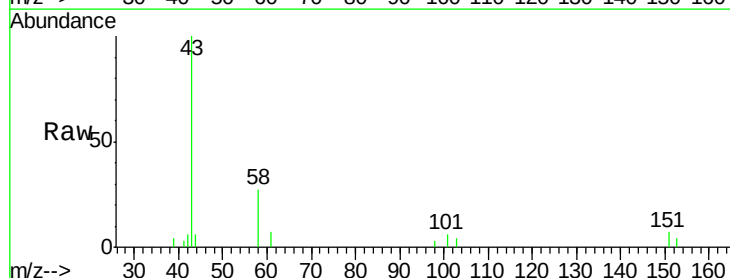
Acq: 15 Apr 2019 12:46

Tgt Ion: 43 Resp: 29607

Ion Ratio Lower Upper

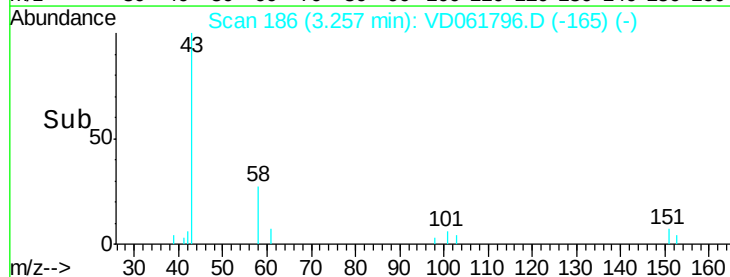
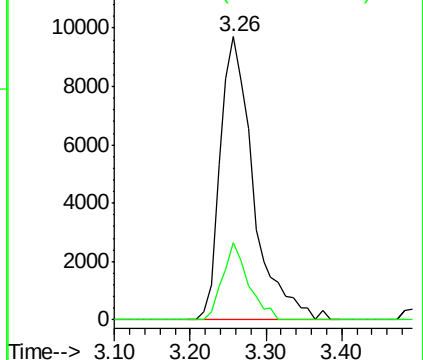
43 100

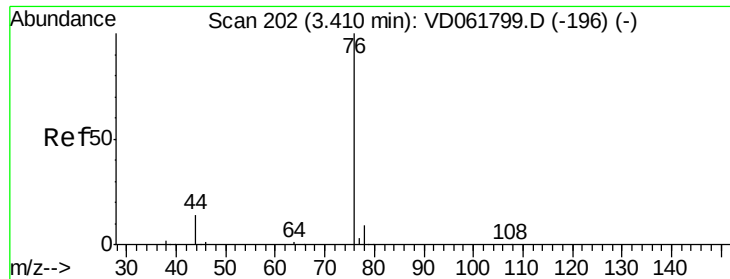
58 27.3 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

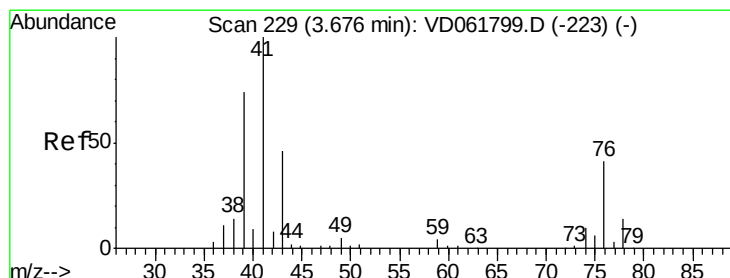
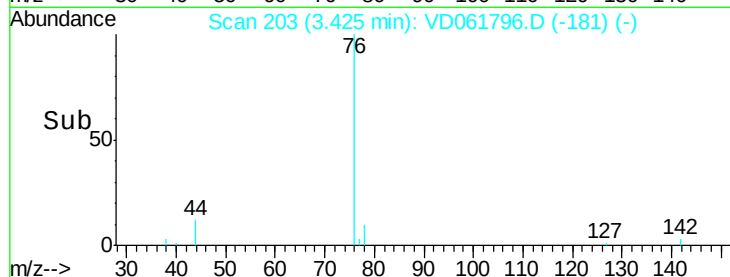
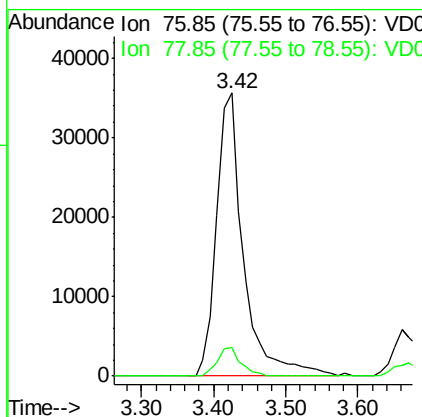
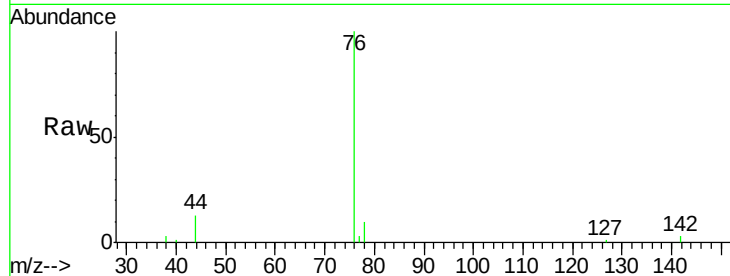




#17  
Carbon Disulfide  
Concen: 4.764 ug/l  
RT: 3.42 min Scan# 203  
Delta R.T. 0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

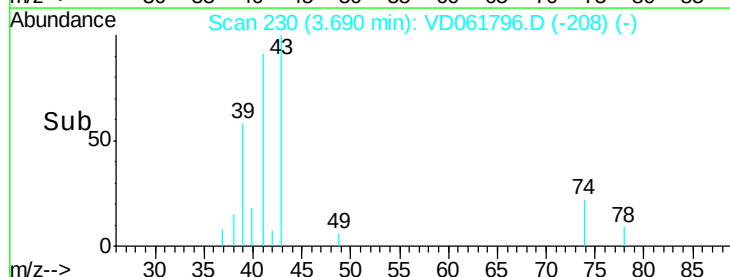
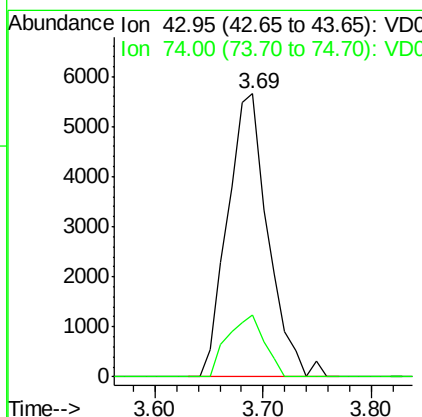
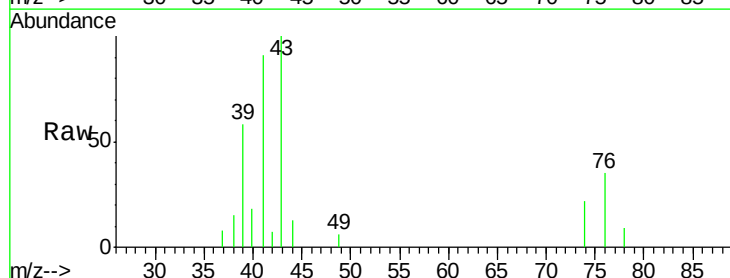
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

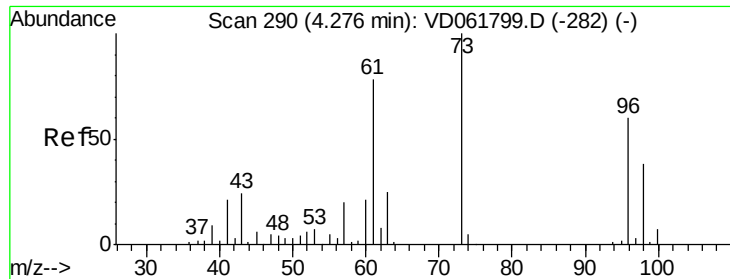
Tot Ion: 76 Resp: 91700  
Ion Ratio Lower Upper  
76 100  
78 10.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 5.595 ug/l  
RT: 3.69 min Scan# 230  
Delta R.T. 0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion: 43 Resp: 14709  
Ion Ratio Lower Upper  
43 100  
74 21.8 18.0 27.0

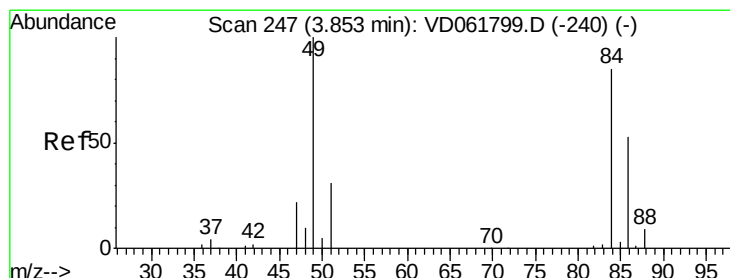
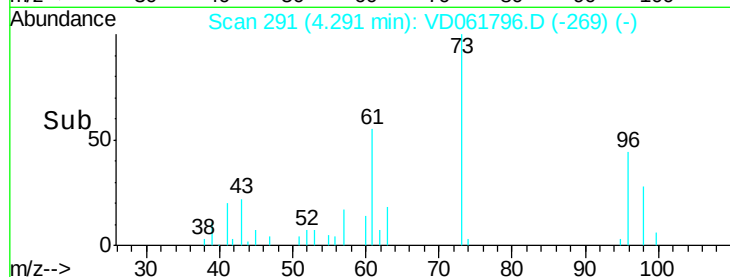
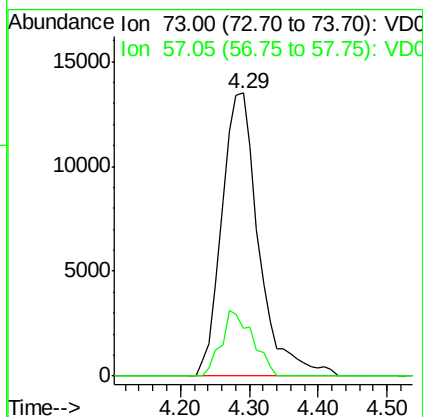
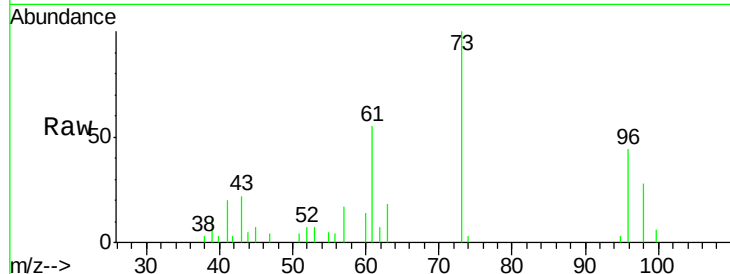




#19  
Methyl tert-butyl Ether  
Concen: 4.533 ug/l  
RT: 4.29 min Scan# 291  
Delta R.T. 0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

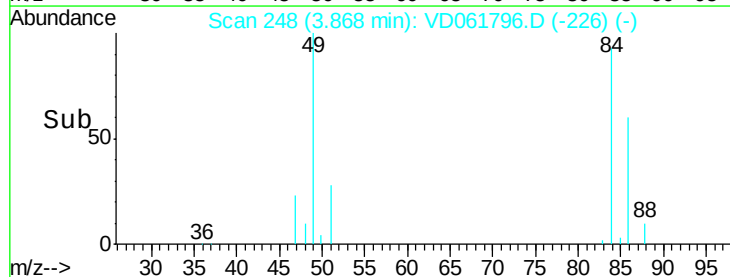
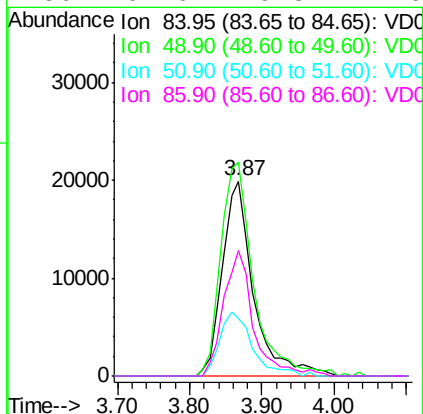
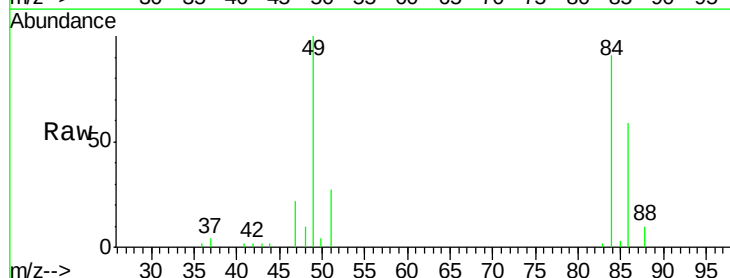
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

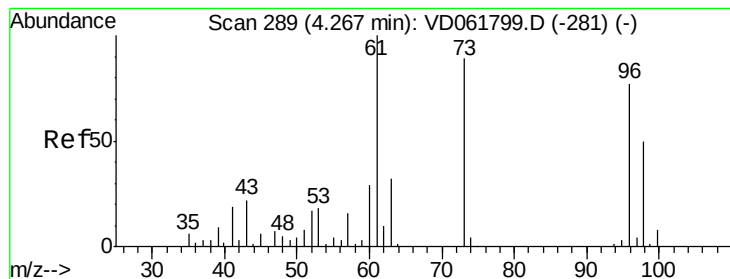
Tot Ion: 73 Resp: 50261  
Ion Ratio Lower Upper  
73 100  
57 16.8 16.3 24.5



#20  
Methylene Chloride  
Concen: 7.511 ug/l  
RT: 3.87 min Scan# 248  
Delta R.T. 0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion: 84 Resp: 59413  
Ion Ratio Lower Upper  
84 100  
49 109.4 94.0 141.0  
51 29.8 29.0 43.4  
86 64.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 4.543 ug/l

RT: 4.27 min Scan# 289

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

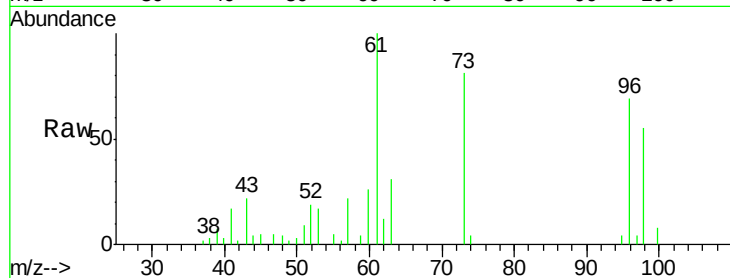
Tot Ion: 96 Resp: 29716

Ion Ratio Lower Upper

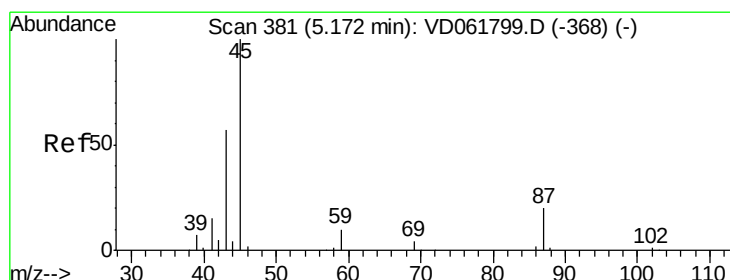
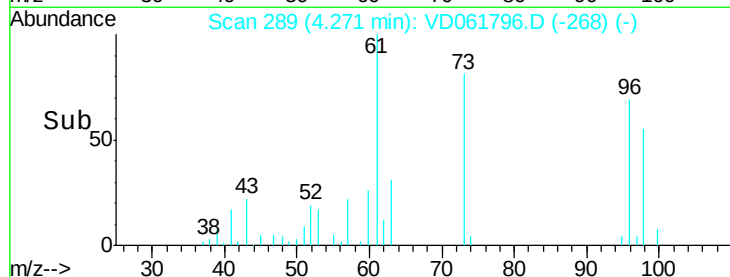
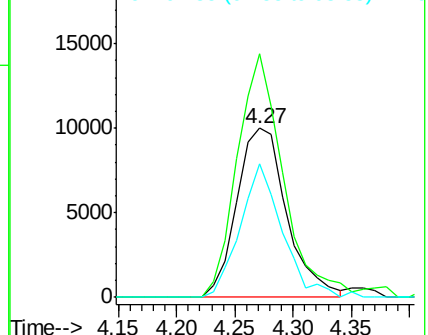
96 100

61 144.0 104.4 156.6

98 79.2 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: 4.858 ug/l

RT: 5.18 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Tgt Ion: 45 Resp: 84171

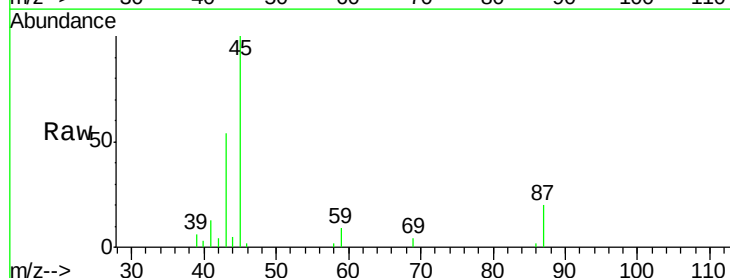
Ion Ratio Lower Upper

45 100

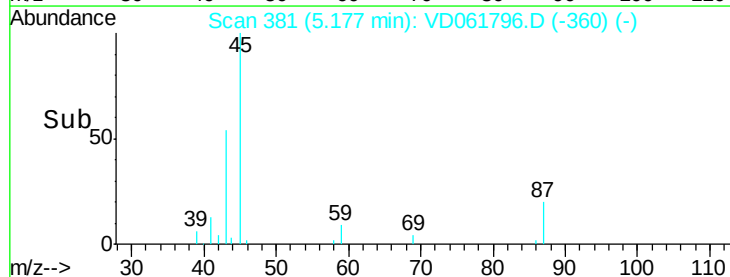
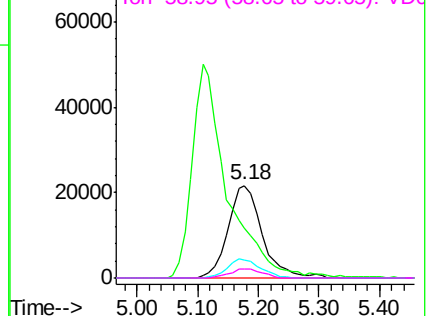
43 54.3 46.2 69.2

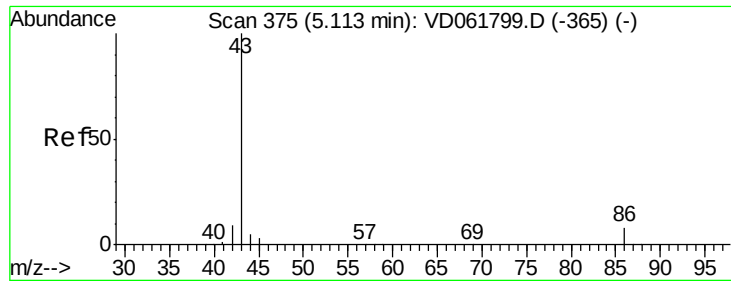
87 19.7 15.9 23.9

59 9.1 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

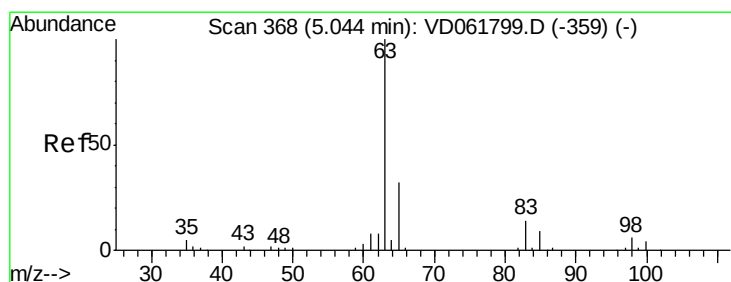
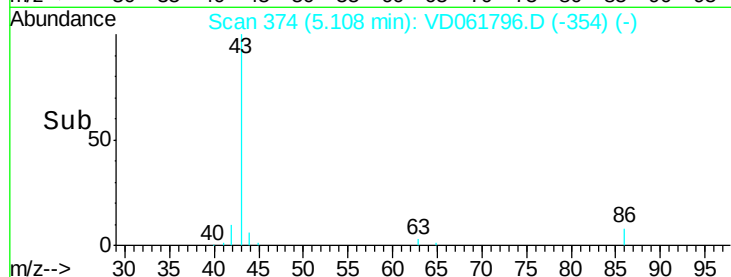
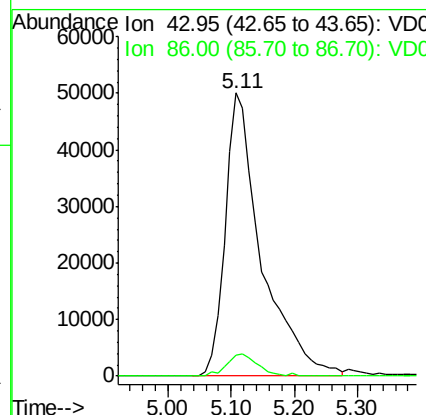
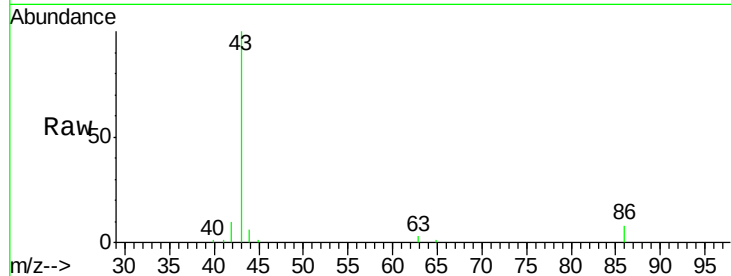




#23  
 Vinyl Acetate  
 Concen: 21.520 ug/l  
 RT: 5.11 min Scan# 374  
 Delta R.T. -0.01 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

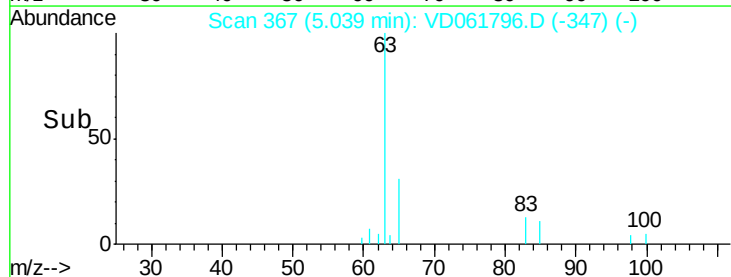
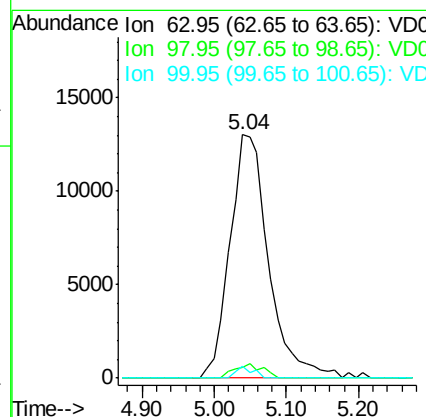
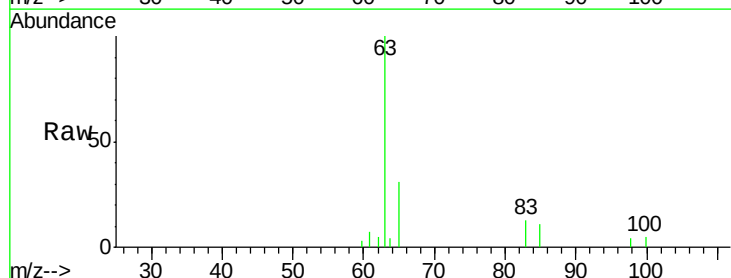
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDIC005

Tot Ion: 43 Resp: 199015  
 Ion Ratio Lower Upper  
 43 100  
 86 7.6 6.4 9.6

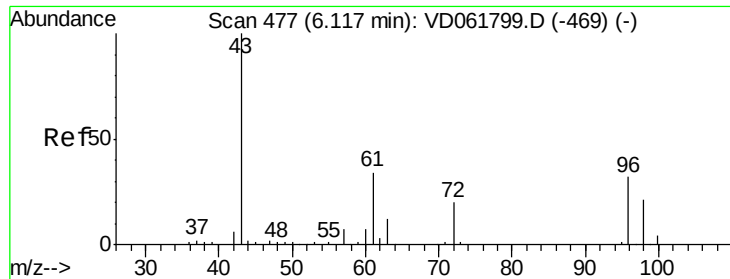


#24  
 1,1-Dichloroethane  
 Concen: 4.603 ug/l  
 RT: 5.04 min Scan# 367  
 Delta R.T. -0.01 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Tgt Ion: 63 Resp: 48402  
 Ion Ratio Lower Upper  
 63 100  
 98 4.4 2.8 8.4  
 100 5.0 1.8 5.5







#25

2-Butanone

Concen: 22.576 ug/l

RT: 6.12 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

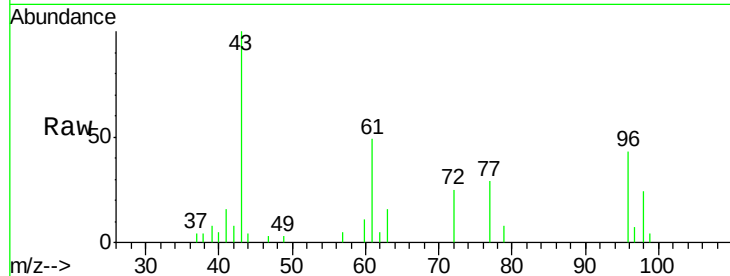
VSTDIC005

Tot Ion: 43 Resp: 33697

Ion Ratio Lower Upper

43 100

72 24.5 16.2 24.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

12000

10000

8000

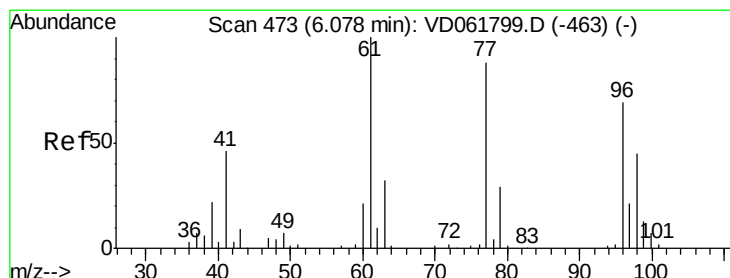
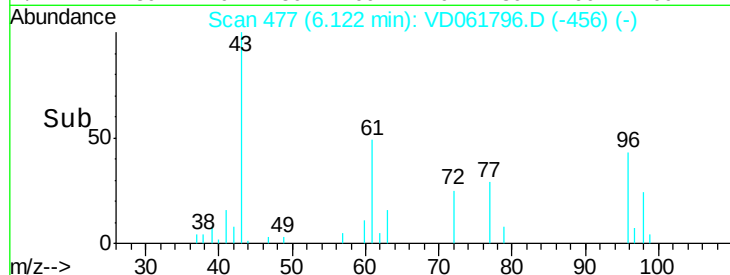
6000

4000

2000

0

Time-->



#26

2,2-Dichloropropane

Concen: 4.898 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.01 min

Lab File: VD061796.D

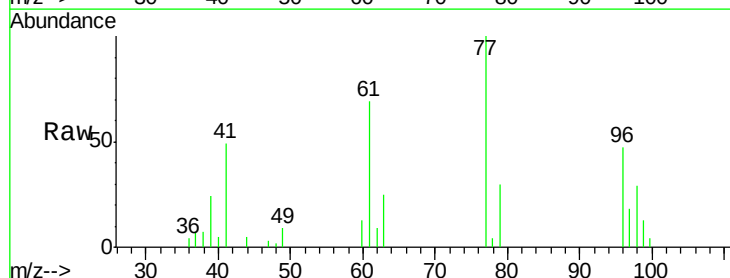
Acq: 15 Apr 2019 12:46

Tgt Ion: 77 Resp: 44565

Ion Ratio Lower Upper

77 100

97 18.4 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

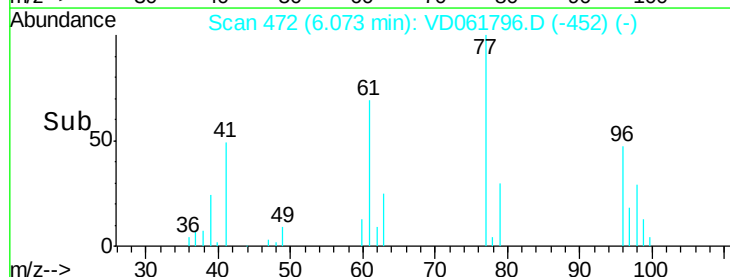
Ion 96.85 (96.55 to 97.55): VDC

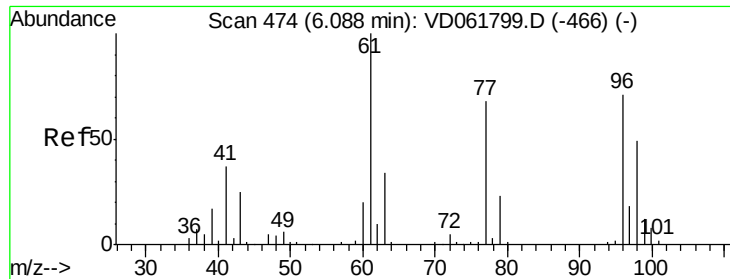
10000

5000

0

Time-->



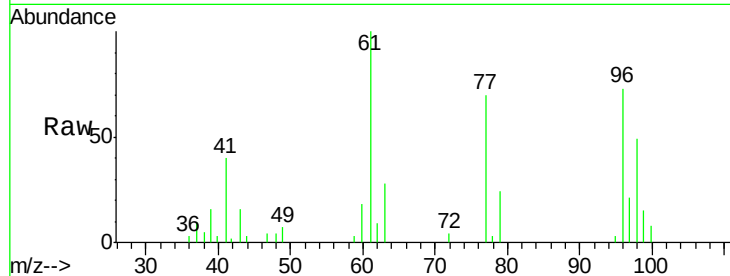


#27

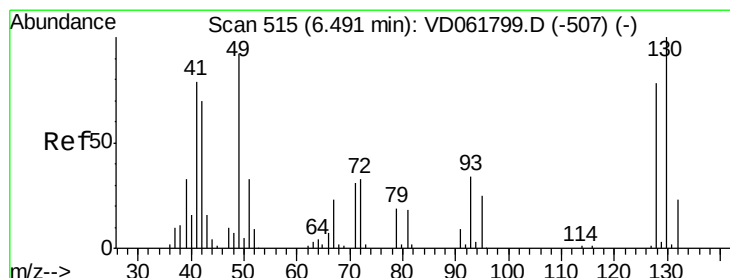
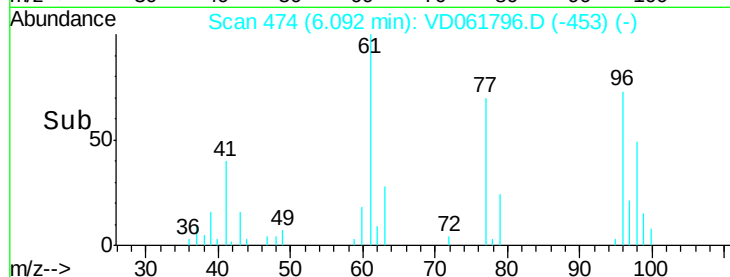
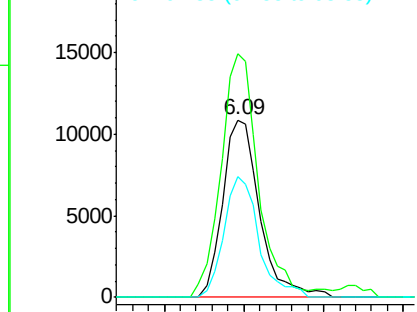
cis-1,2-Dichloroethene  
Concen: 4.964 ug/l  
RT: 6.09 min Scan# 474  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tot Ion: 96 Resp: 35243  
Ion Ratio Lower Upper  
96 100  
61 137.1 0.0 279.8  
98 67.7 0.0 136.0



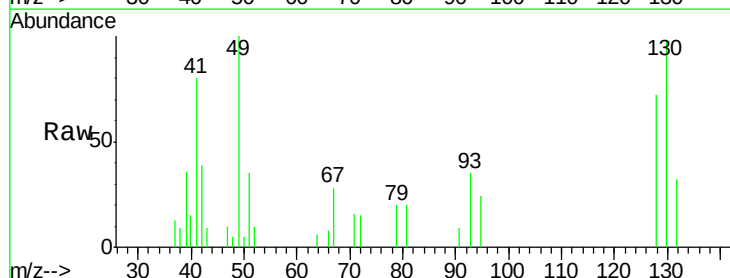
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



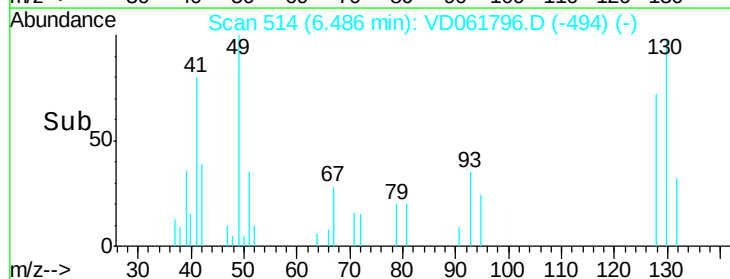
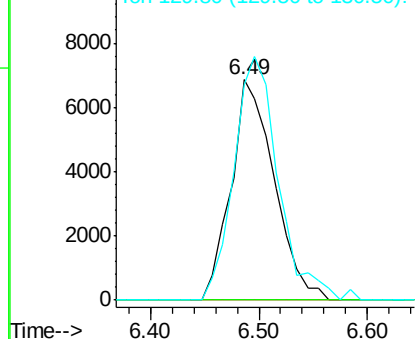
#28

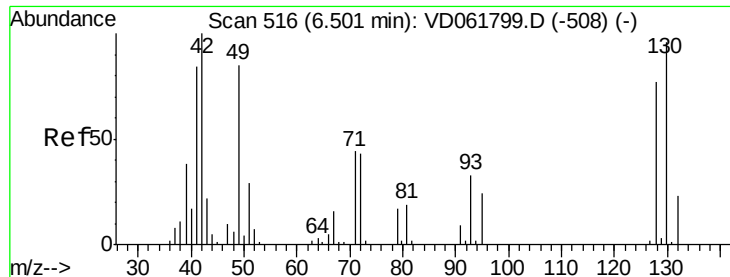
Bromochloromethane  
Concen: 4.778 ug/l  
RT: 6.49 min Scan# 514  
Delta R.T. -0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion: 49 Resp: 19104  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 6.6  
130 97.8 86.7 130.1



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

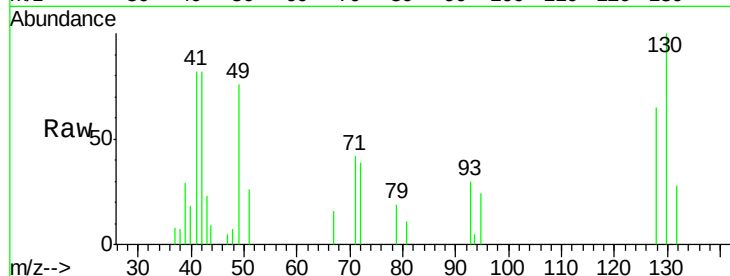




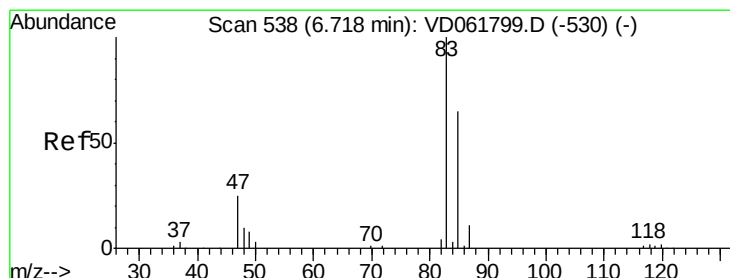
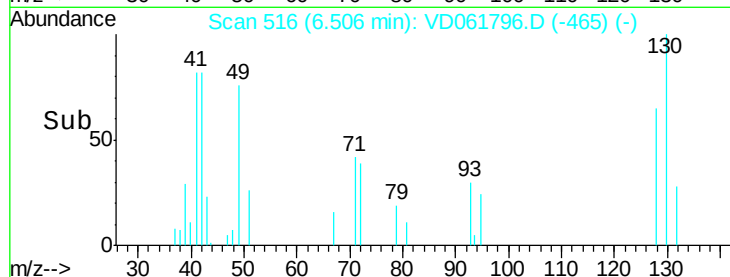
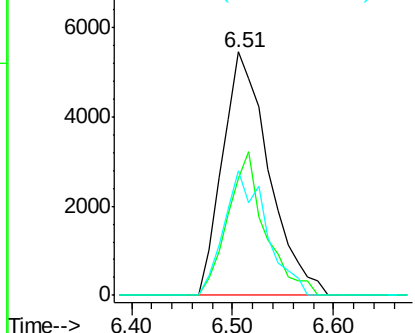
#29  
Tetrahydrofuran  
Concen: 23.940 ug/l  
RT: 6.51 min Scan# 516  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tot Ion: 42 Resp: 17407  
Ion Ratio Lower Upper  
42 100  
72 47.5 37.8 56.6  
71 46.8 36.7 55.1

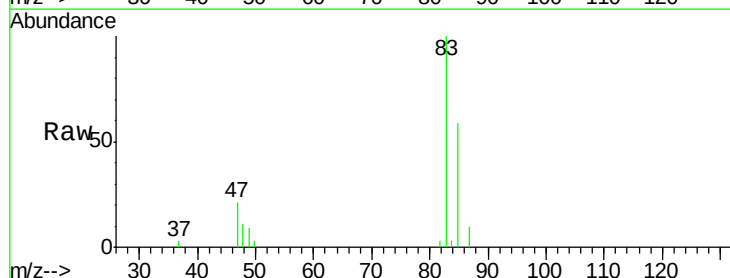


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

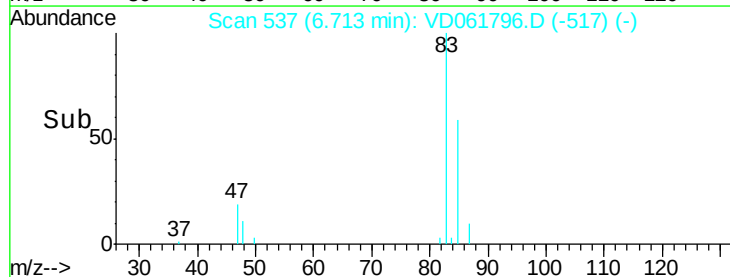
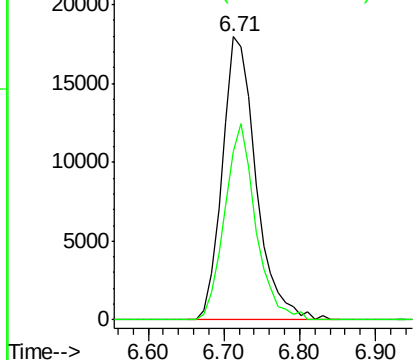


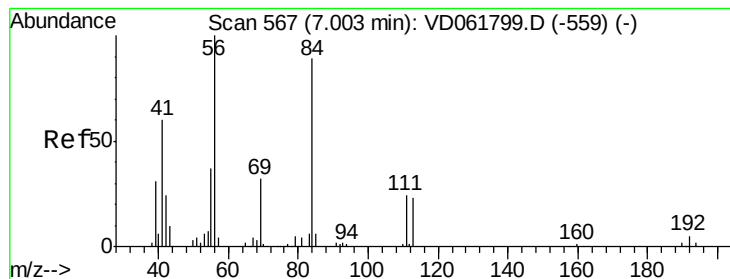
#30  
Chloroform  
Concen: 4.701 ug/l  
RT: 6.71 min Scan# 537  
Delta R.T. -0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion: 83 Resp: 55184  
Ion Ratio Lower Upper  
83 100  
85 59.4 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: 5.038 ug/l

RT: 7.01 min Scan# 567

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

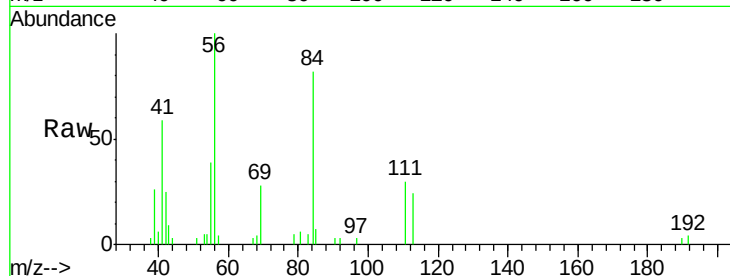
Tot Ion: 56 Resp: 40591

Ion Ratio Lower Upper

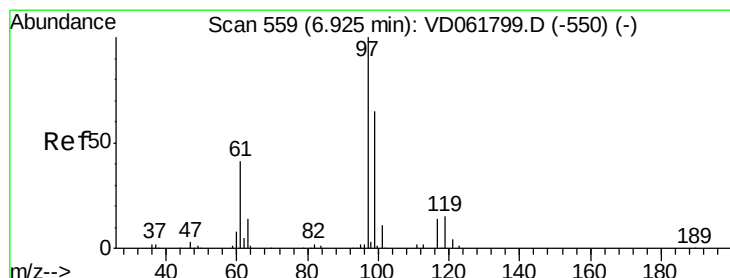
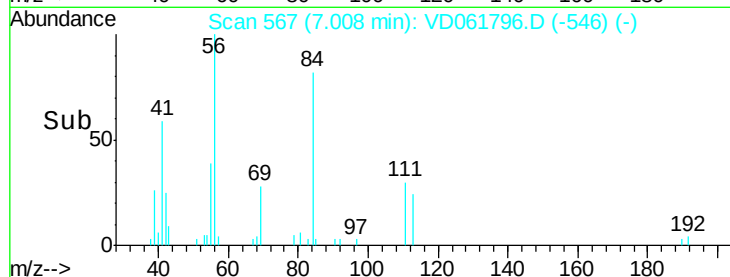
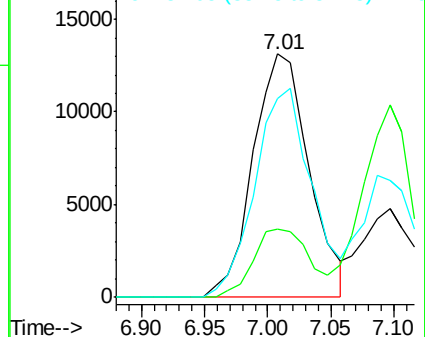
56 100

69 27.9 25.8 38.6

84 81.8 72.2 108.4



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



#32

1,1,1-Trichloroethane

Concen: 4.633 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

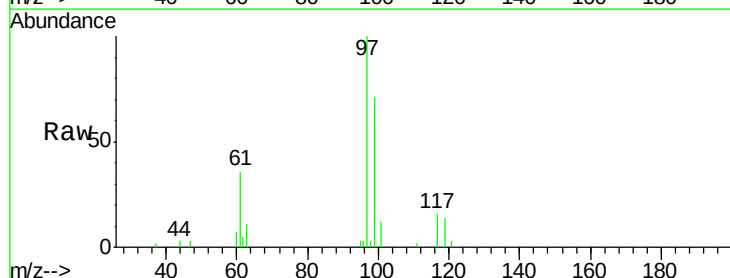
Tgt Ion: 97 Resp: 48208

Ion Ratio Lower Upper

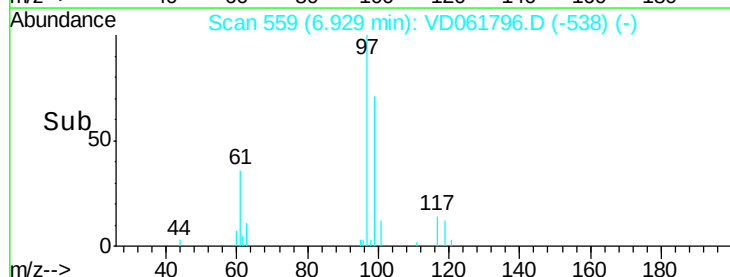
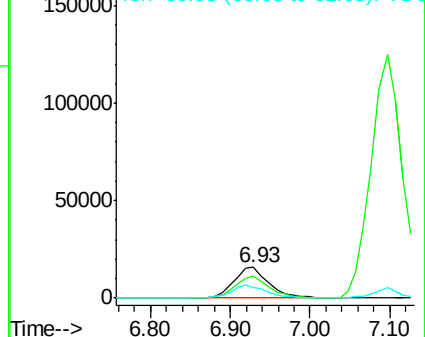
97 100

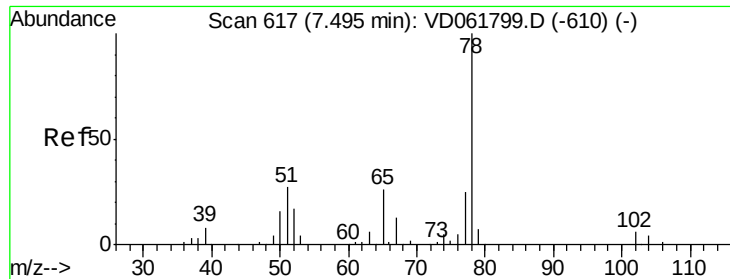
99 71.5 52.2 78.2

61 35.6 32.4 48.6



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

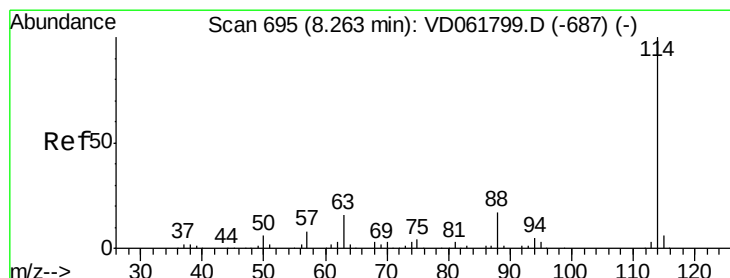
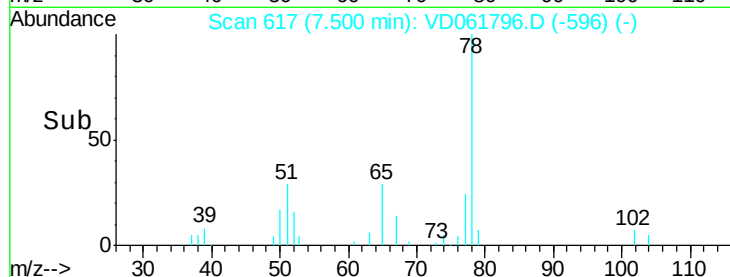
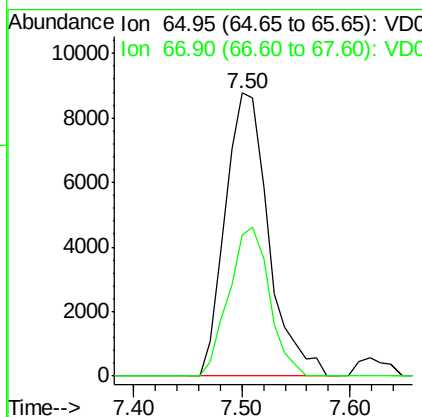
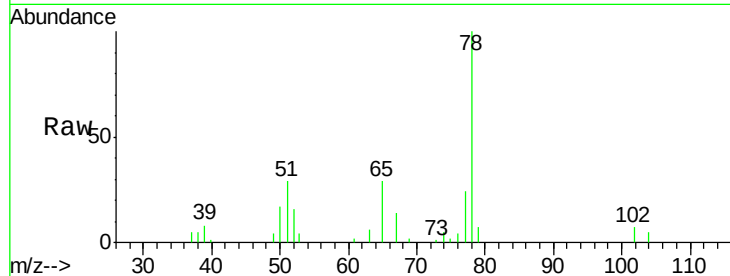




#33  
 1,2-Dichloroethane-d4  
 Concen: 4.633 ug/l  
 RT: 7.50 min Scan# 617  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

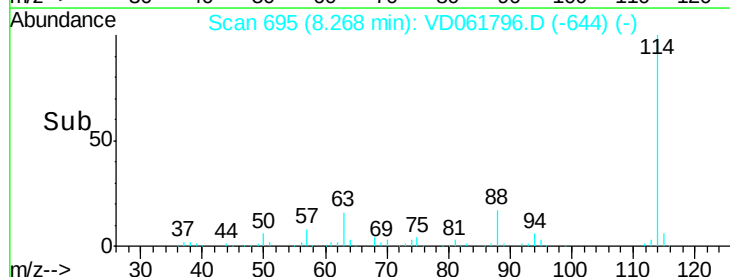
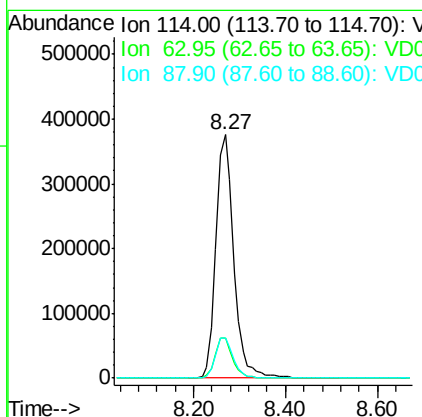
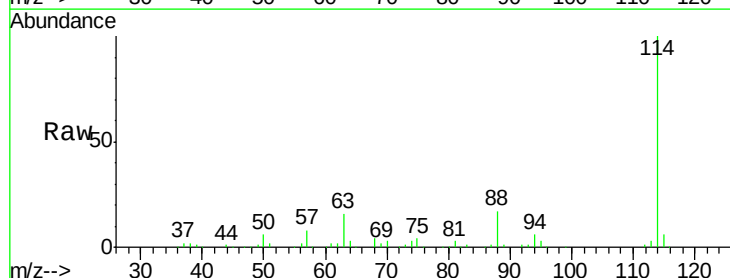
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

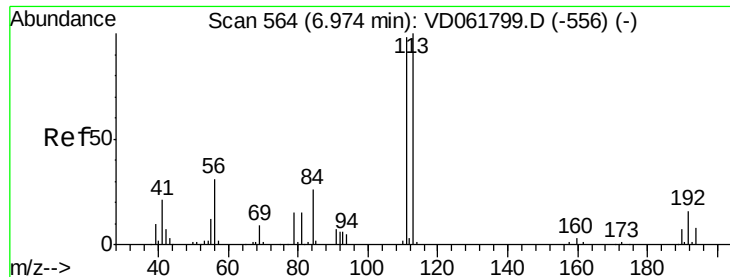
Tot Ion: 65 Resp: 24447  
 Ion Ratio Lower Upper  
 65 100  
 67 49.9 0.0 98.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.27 min Scan# 695  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Tgt Ion: 114 Resp: 1001708  
 Ion Ratio Lower Upper  
 114 100  
 63 16.3 0.0 32.4  
 88 16.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.98 min Scan# 564

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

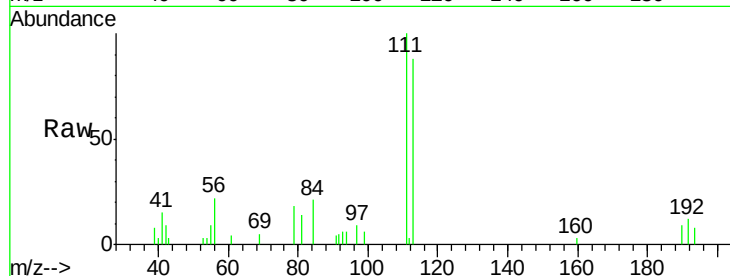
Tot Ion:113 Resp: 36541

Ion Ratio Lower Upper

113 100

111 113.1 78.5 117.7

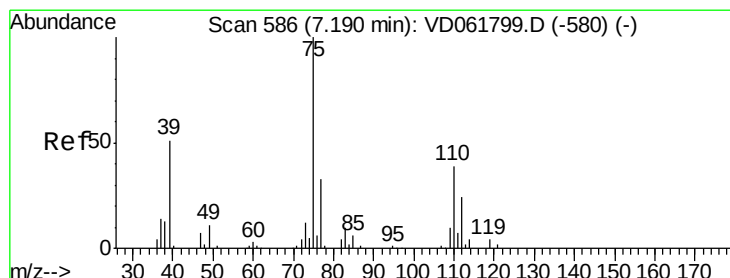
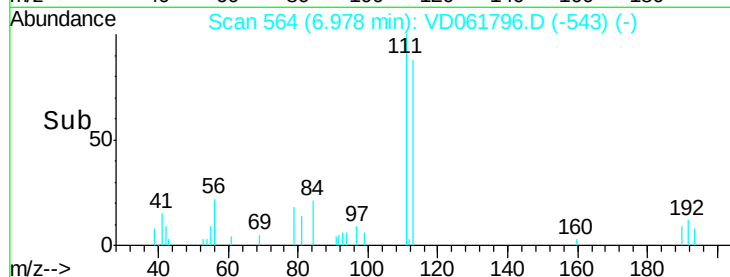
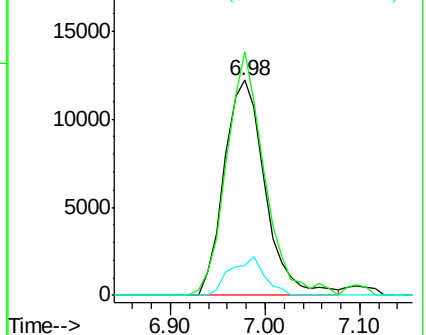
192 14.0 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 4.483 ug/l

RT: 7.20 min Scan# 587

Delta R.T. 0.01 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

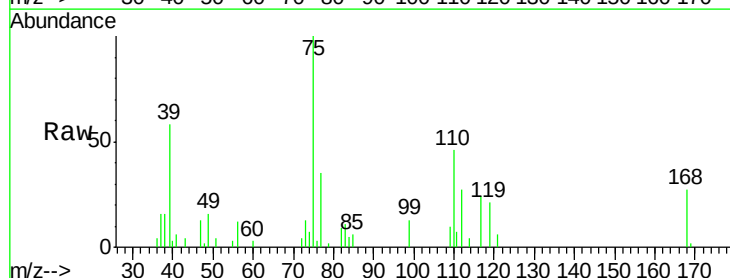
Tgt Ion: 75 Resp: 36702

Ion Ratio Lower Upper

75 100

110 46.1 19.1 57.1

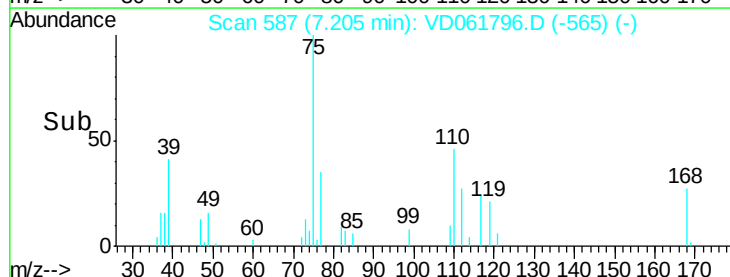
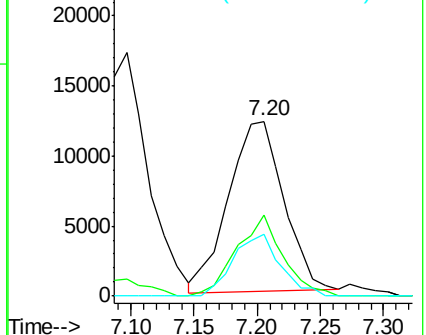
77 35.0 25.6 38.4

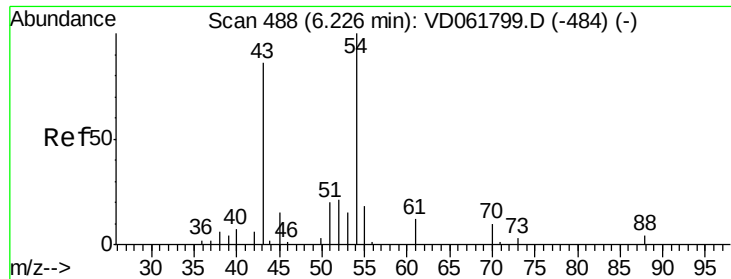


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC

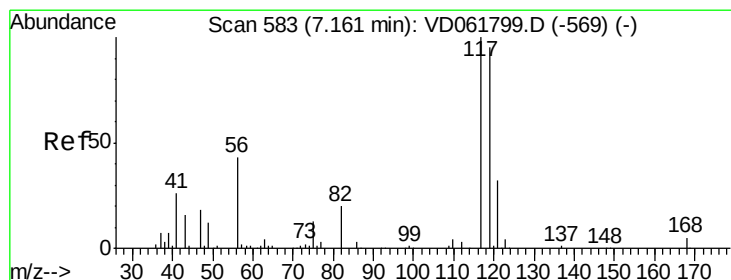
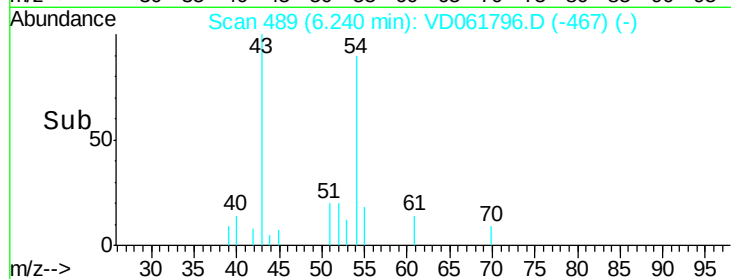
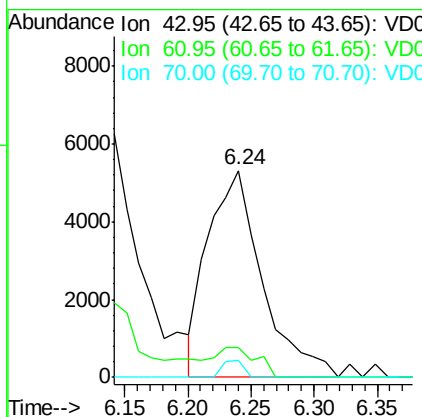
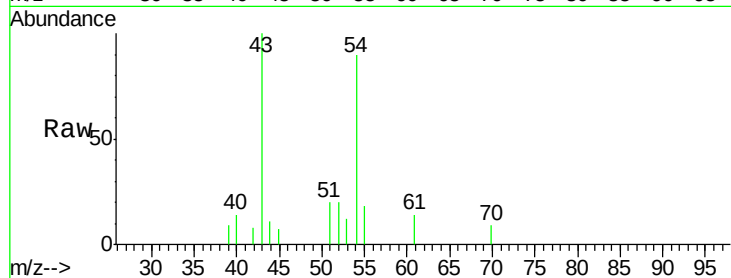




#37  
Ethyl Acetate  
Concen: 4.530 ug/l  
RT: 6.24 min Scan# 489  
Delta R.T. 0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

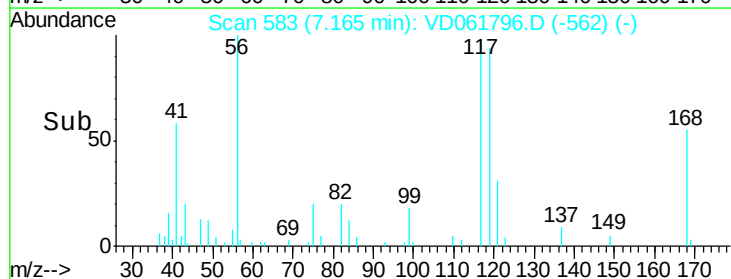
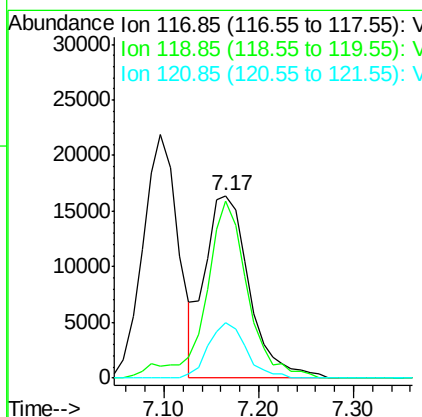
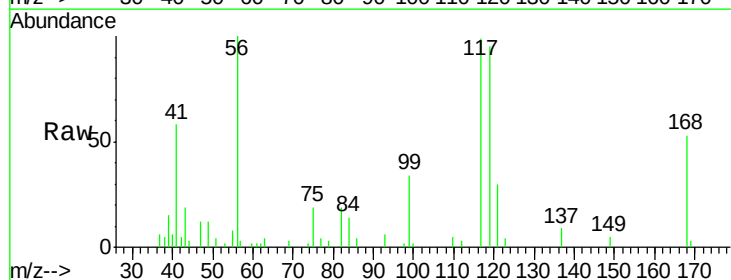
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

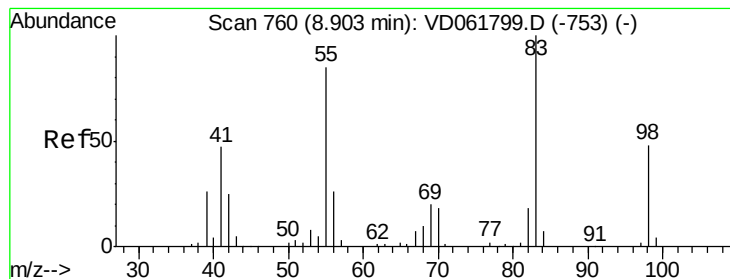
Tot Ion: 43 Resp: 15869  
Ion Ratio Lower Upper  
43 100  
61 14.3 14.7 22.1#  
70 8.5 7.8 11.6



#38  
Carbon Tetrachloride  
Concen: 4.981 ug/l  
RT: 7.17 min Scan# 583  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion: 117 Resp: 53084  
Ion Ratio Lower Upper  
117 100  
119 96.8 75.8 113.8  
121 30.5 25.9 38.9





#39

Methylvlcyclohexane

Concen: 5.130 ug/l

RT: 8.92 min Scan# 761

Delta R.T. 0.01 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

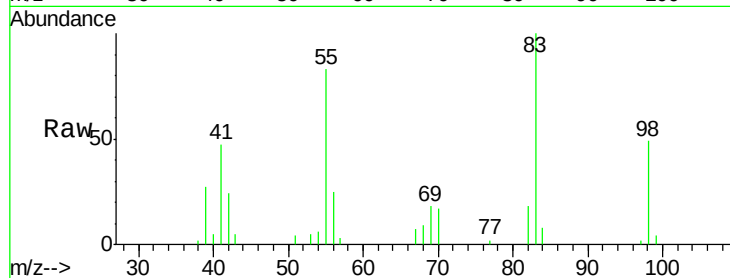
Tot Ion: 83 Resp: 43605

Ion Ratio Lower Upper

83 100

55 83.0 68.2 102.4

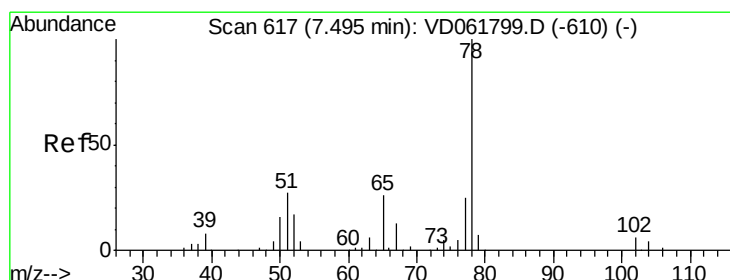
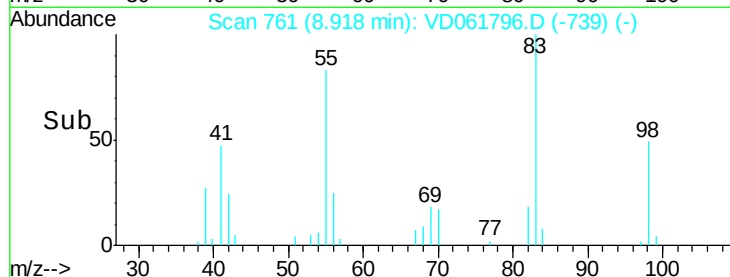
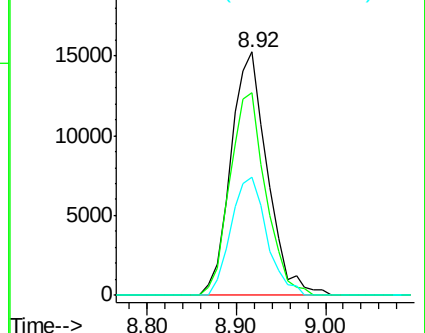
98 48.6 38.2 57.4



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: 4.635 ug/l

RT: 7.51 min Scan# 618

Delta R.T. 0.01 min

Lab File: VD061796.D

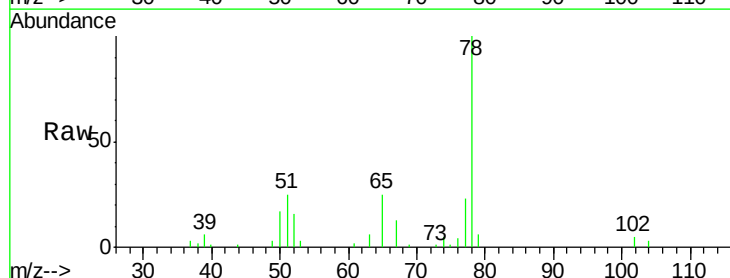
Acq: 15 Apr 2019 12:46

Tgt Ion: 78 Resp: 91097

Ion Ratio Lower Upper

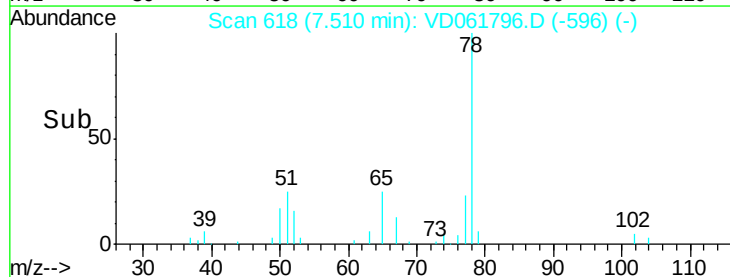
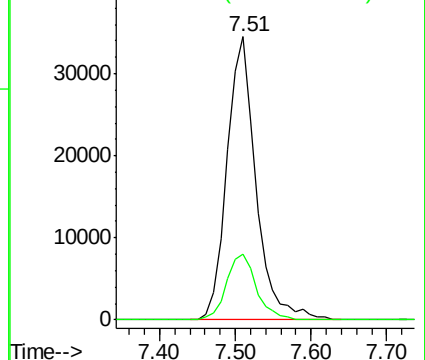
78 100

77 23.2 19.7 29.5

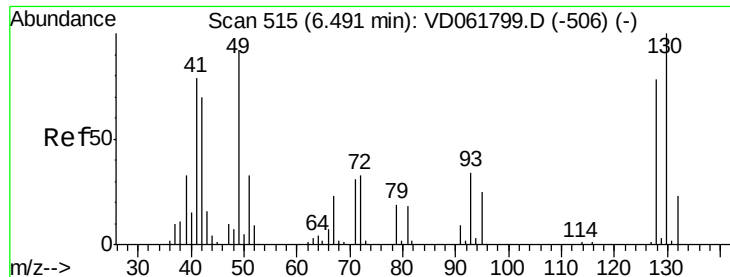


Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



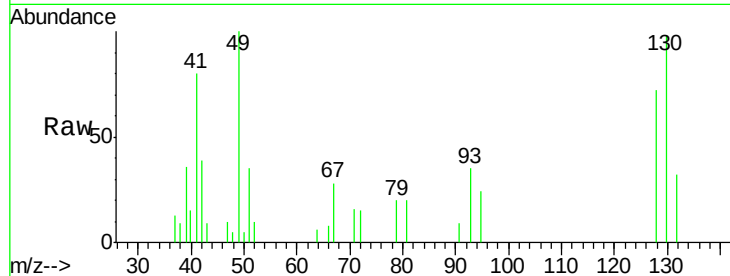




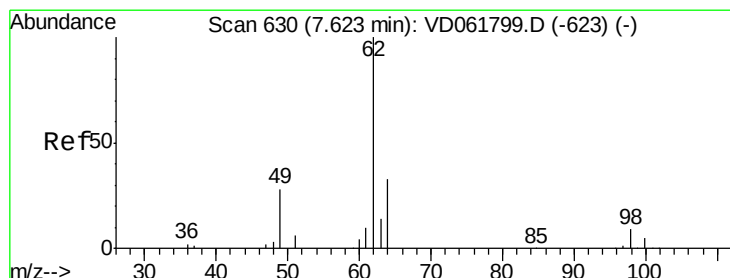
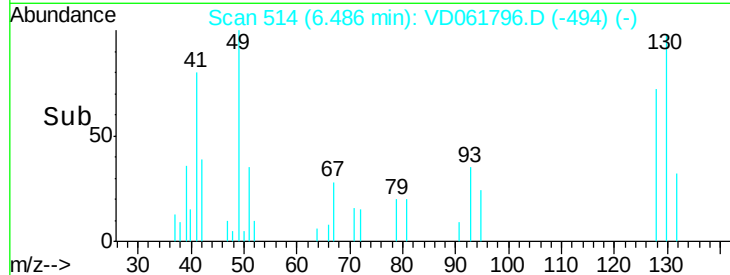
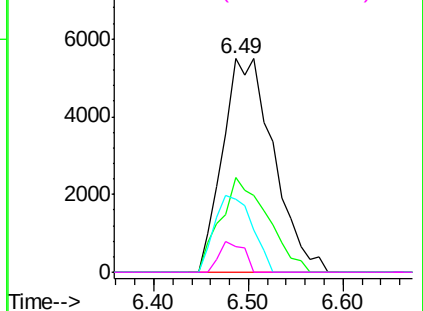
#41  
Methacrylonitrile  
Concen: 4.938 ug/l  
RT: 6.49 min Scan# 514  
Delta R.T. -0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 20449 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 44.3  | 34.1  | 51.1  |
| 67       | 34.5  | 23.8  | 35.6  |
| 52       | 12.0  | 8.8   | 13.2  |

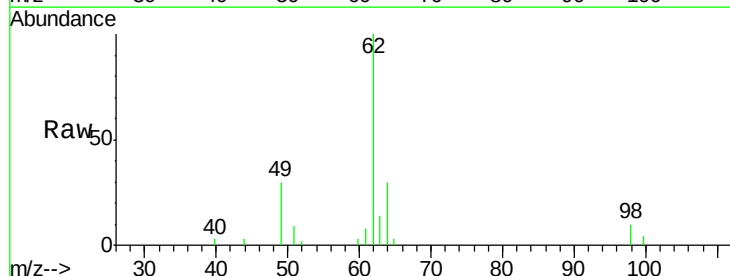


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

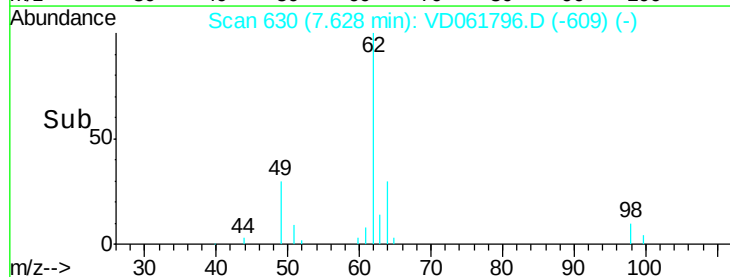
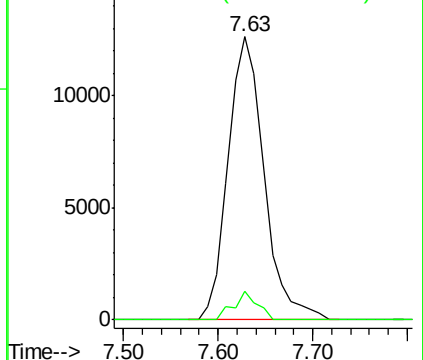


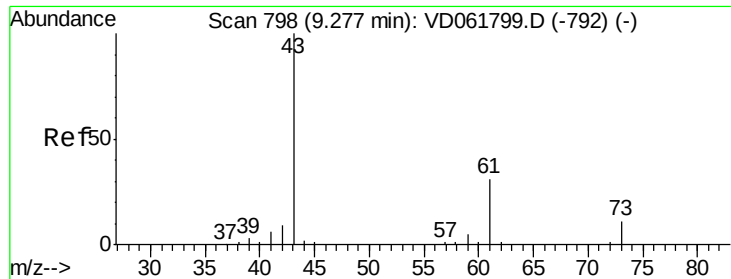
#42  
1,2-Dichloroethane  
Concen: 4.862 ug/l  
RT: 7.63 min Scan# 630  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 33276 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.1  | 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: 4.473 ug/l

RT: 9.28 min Scan# 798

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

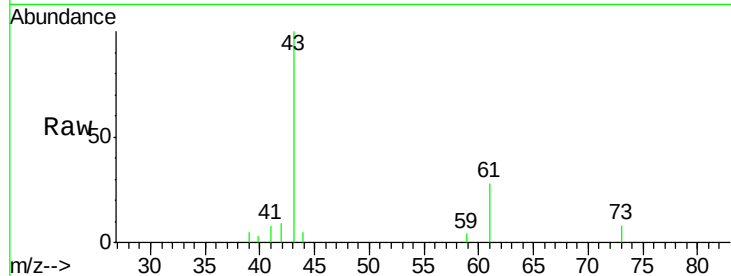
Tot Ion: 43 Resp: 22053

Ion Ratio Lower Upper

43 100

61 27.8 25.1 37.7

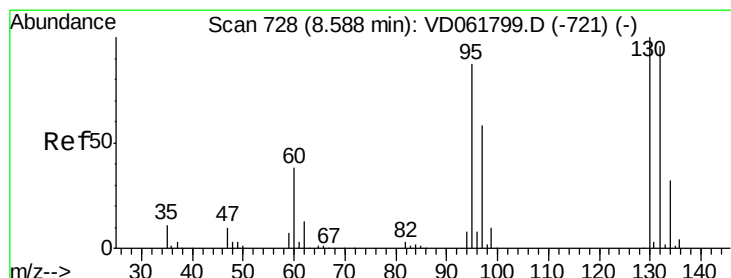
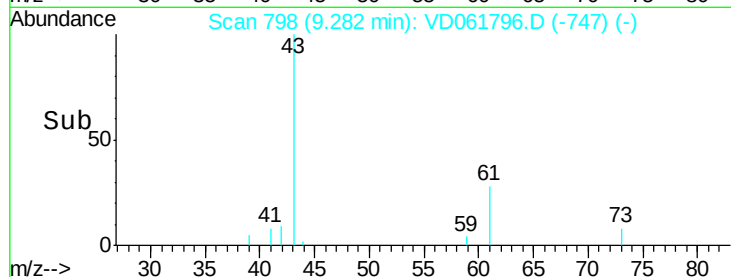
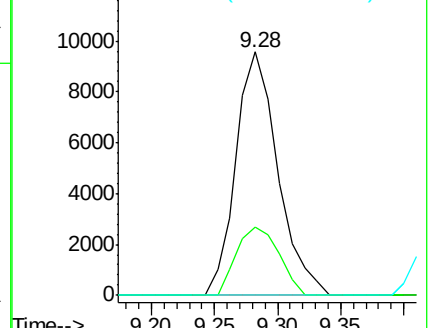
87 0.0 0.0 0.0



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: 4.756 ug/l

RT: 8.58 min Scan# 727

Delta R.T. -0.01 min

Lab File: VD061796.D

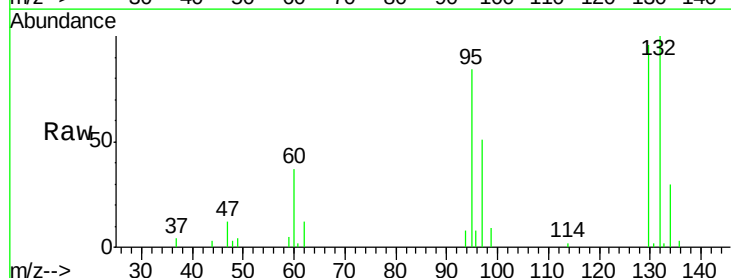
Acq: 15 Apr 2019 12:46

Tgt Ion: 130 Resp: 35983

Ion Ratio Lower Upper

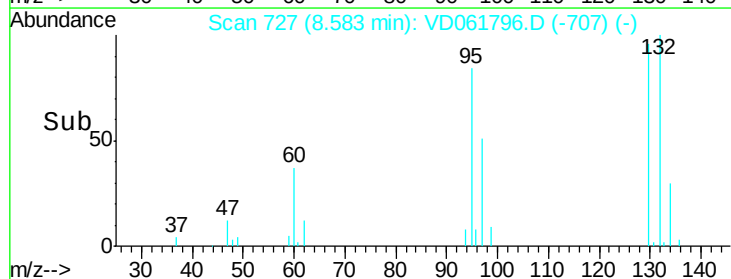
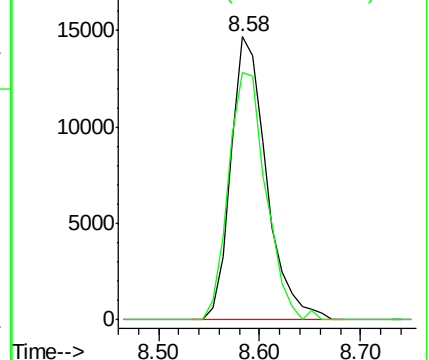
130 100

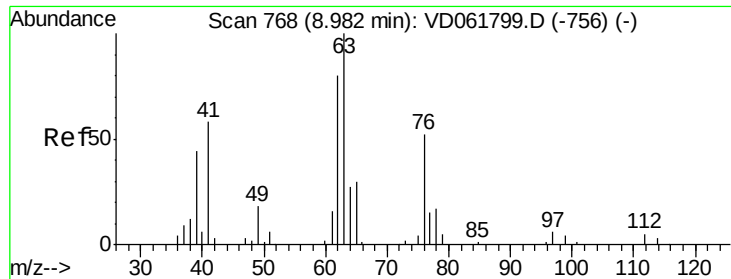
95 87.4 0.0 174.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 4.629 ug/l

RT: 8.99 min Scan# 768

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

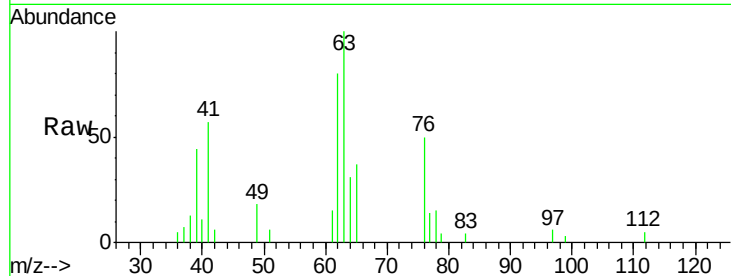
VSTDIC005

Tot Ion: 63 Resp: 23693

Ion Ratio Lower Upper

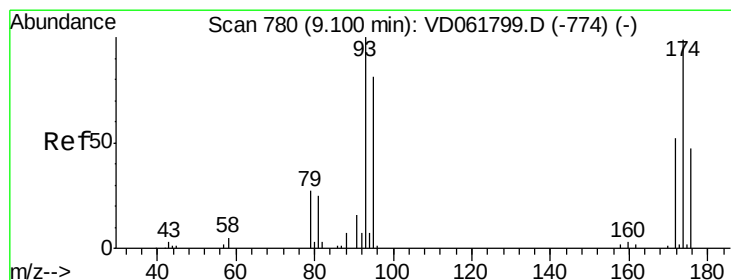
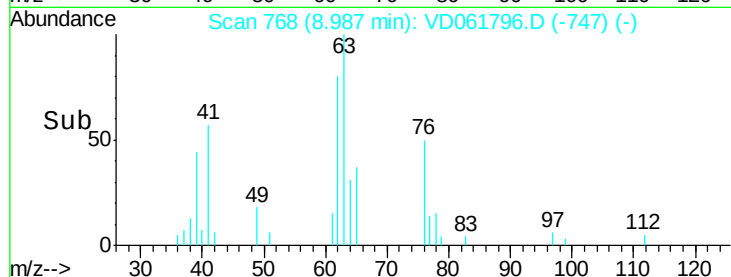
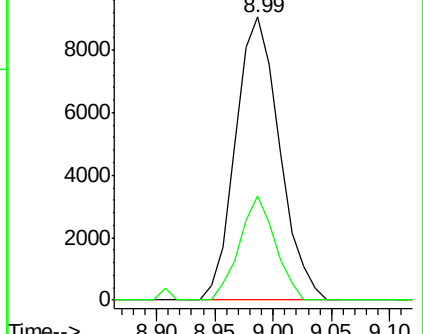
63 100

65 36.8 23.8 35.6#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 4.753 ug/l

RT: 9.10 min Scan# 780

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

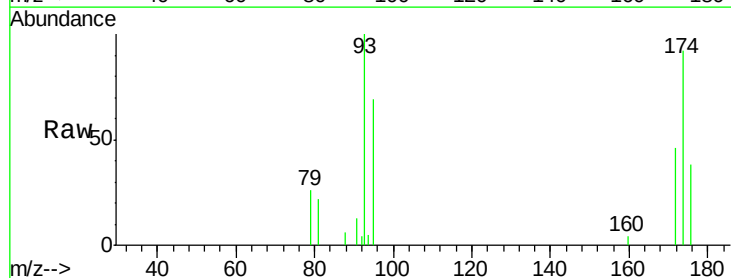
Tgt Ion: 93 Resp: 17336

Ion Ratio Lower Upper

93 100

95 68.9 64.8 97.2

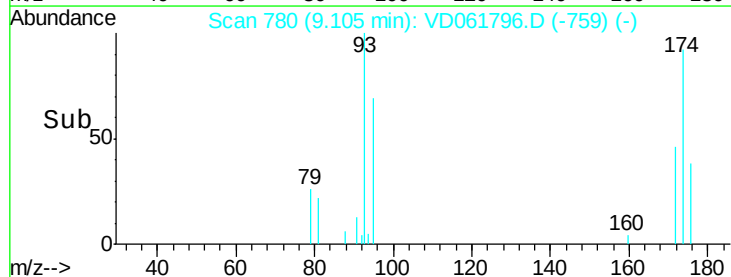
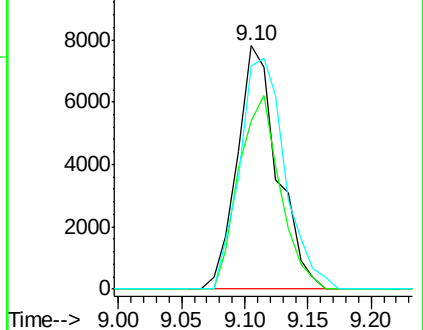
174 91.9 79.3 118.9

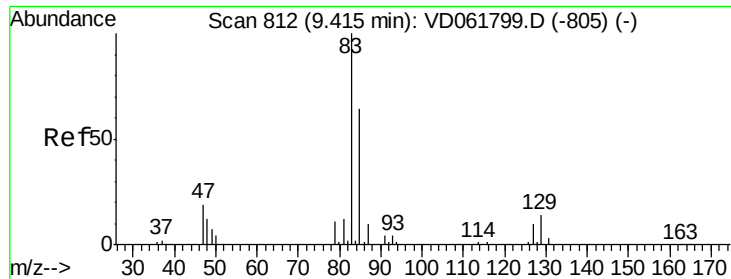


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 4.587 ug/l

RT: 9.42 min Scan# 812

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

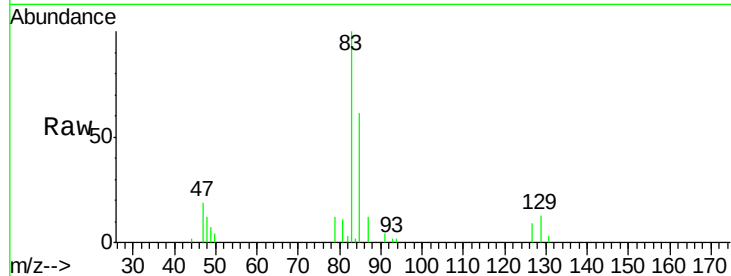
Tot Ion: 83 Resp: 38596

Ion Ratio Lower Upper

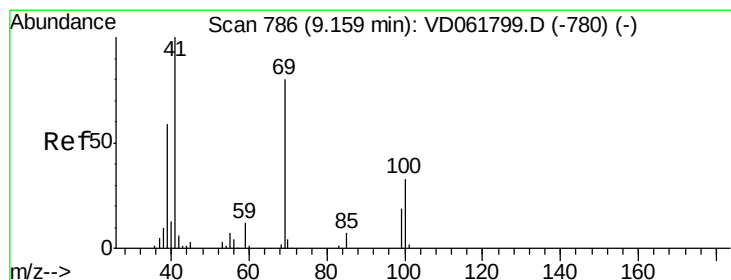
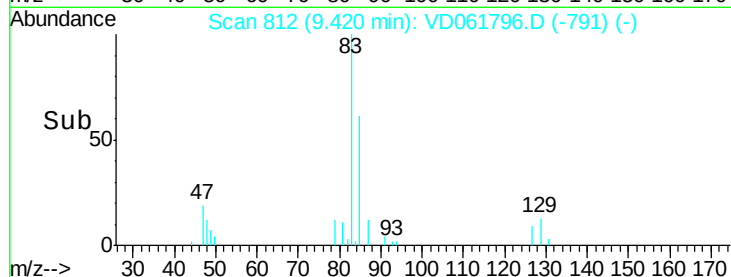
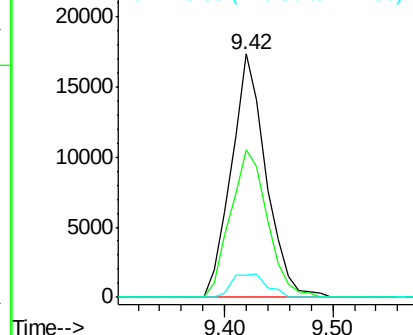
83 100

85 60.5 50.9 76.3

127 9.0 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: 4.564 ug/l

RT: 9.16 min Scan# 786

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

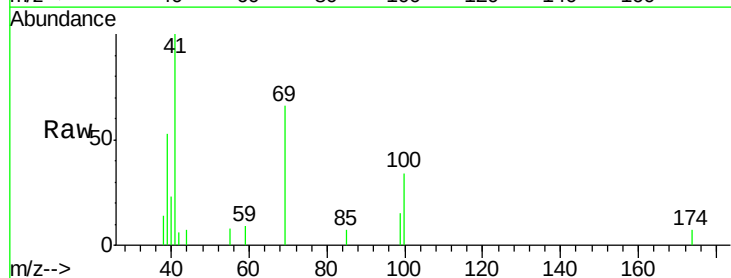
Tgt Ion: 41 Resp: 13226

Ion Ratio Lower Upper

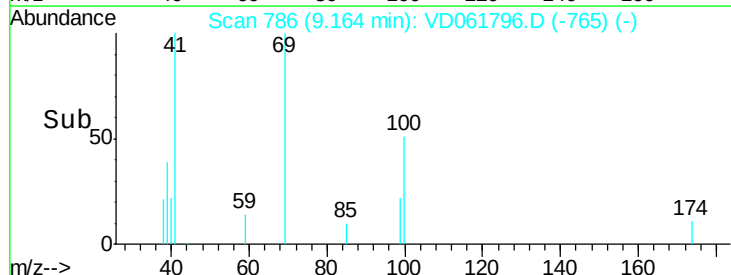
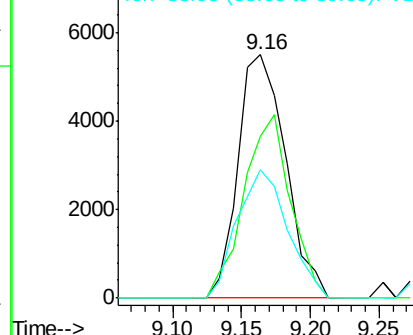
41 100

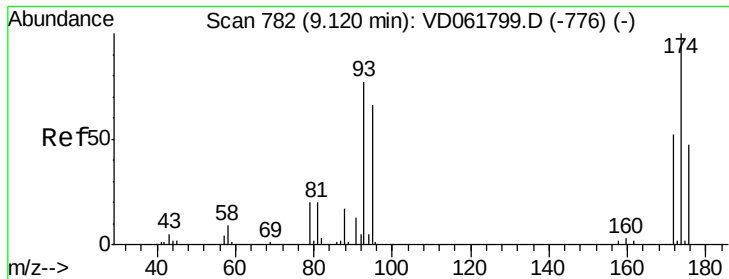
69 66.4 64.2 96.2

39 52.6 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

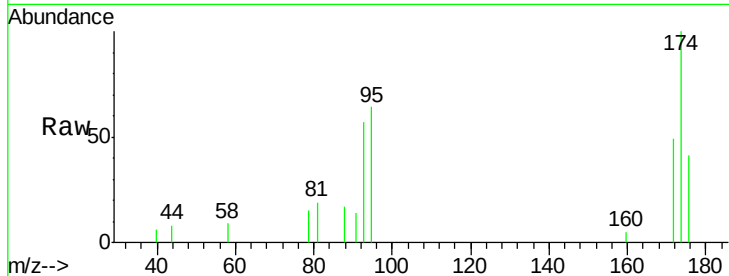




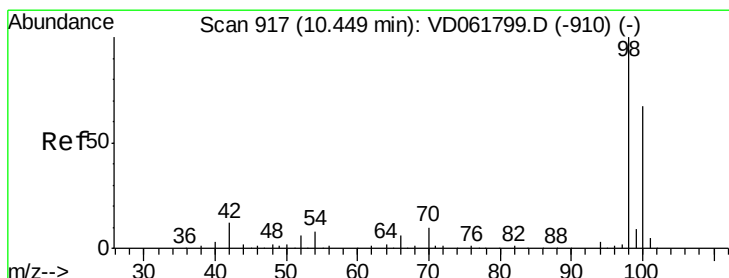
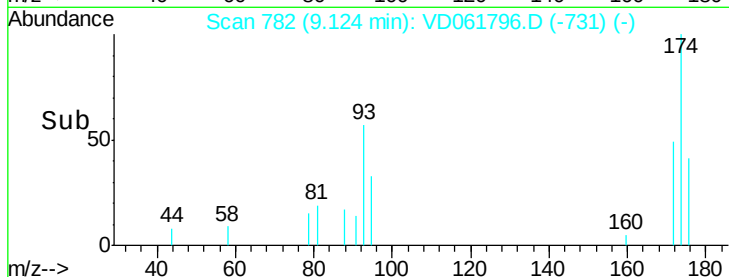
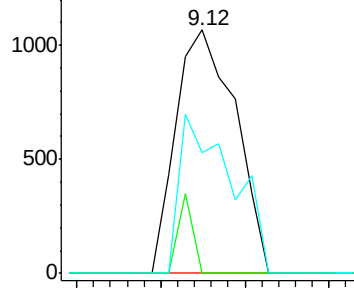
#49  
1,4-Dioxane  
Concen: 82.526 ug/l  
RT: 9.12 min Scan# 782  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tot Ion: 88 Resp: 2614  
Ion Ratio Lower Upper  
88 100  
43 0.0 23.4 35.0#  
58 49.8 44.0 66.0

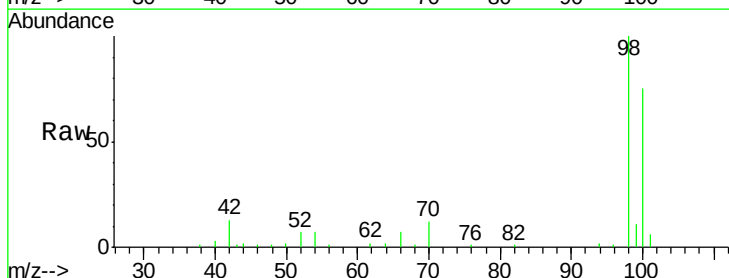


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

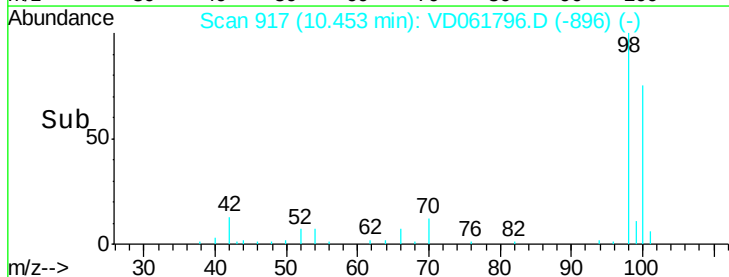
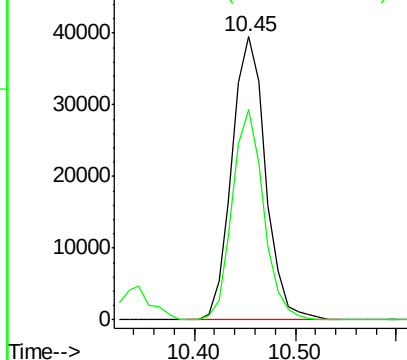


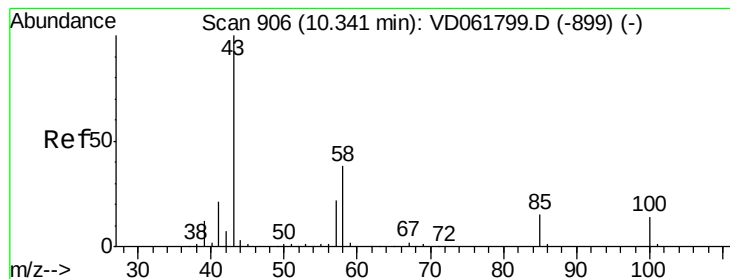
#50  
Toluene-d8  
Concen: 82.526 ug/l  
RT: 10.45 min Scan# 917  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion: 98 Resp: 91612  
Ion Ratio Lower Upper  
98 100  
100 74.5 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: 23.602 ug/l

RT: 10.34 min Scan# 905

Delta R.T. -0.01 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

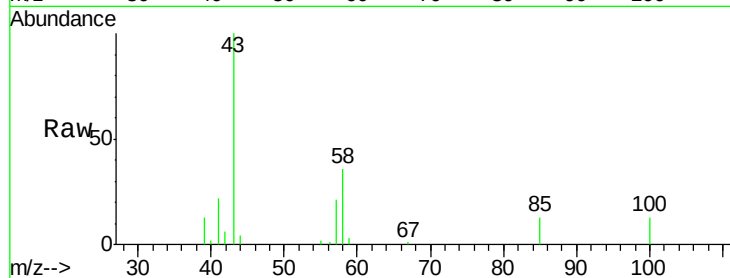
VSTDIC005

Tot Ion: 43 Resp: 71157

Ion Ratio Lower Upper

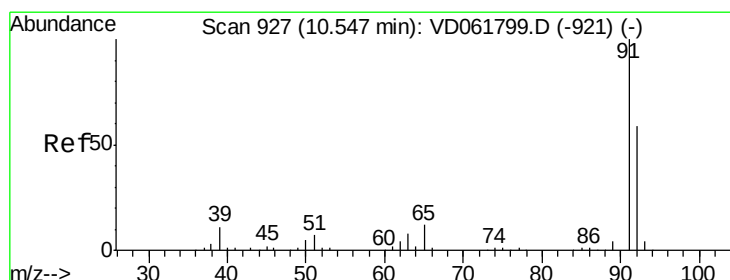
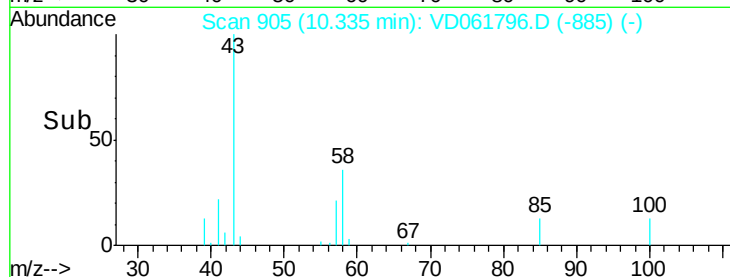
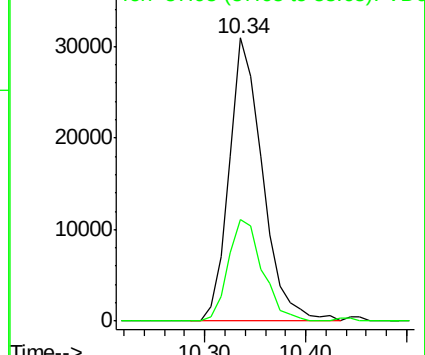
43 100

58 36.1 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 4.498 ug/l

RT: 10.55 min Scan# 927

Delta R.T. 0.00 min

Lab File: VD061796.D

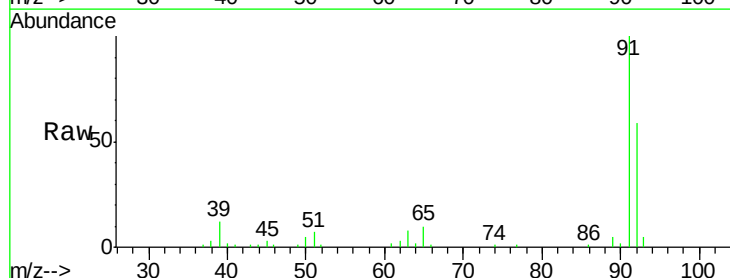
Acq: 15 Apr 2019 12:46

Tgt Ion: 92 Resp: 56649

Ion Ratio Lower Upper

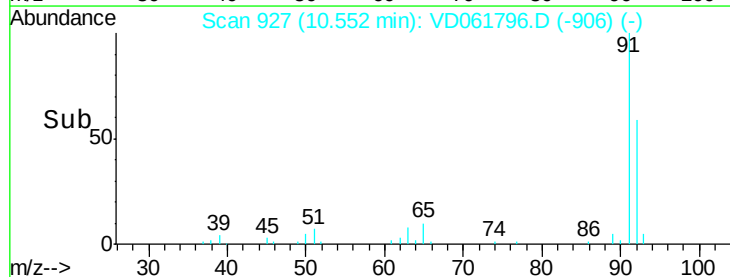
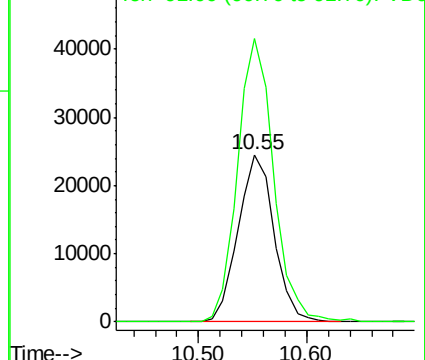
92 100

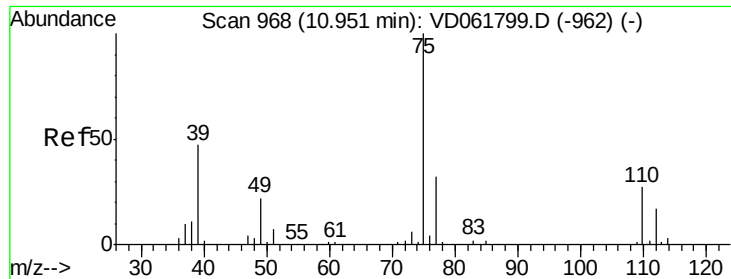
91 169.0 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

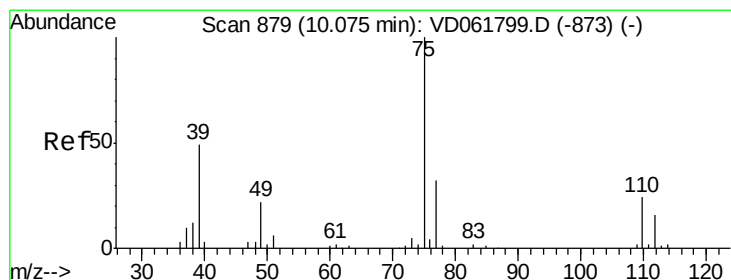
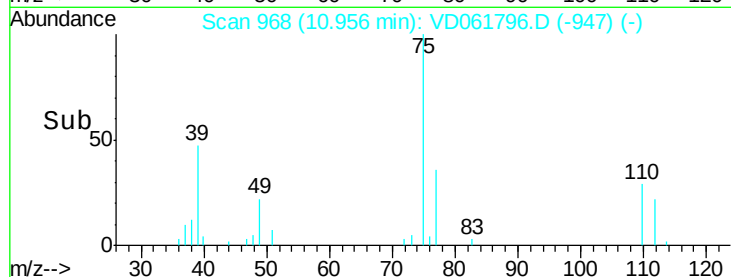
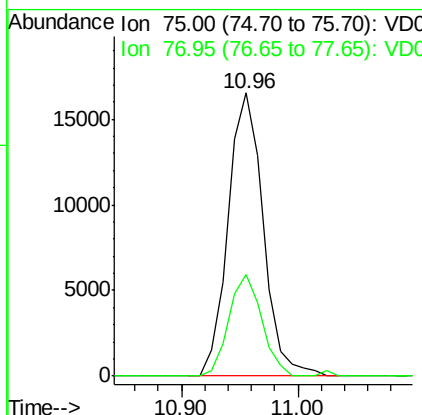
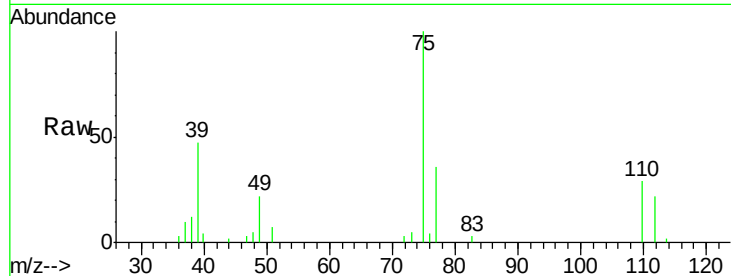




#53  
 t-1,3-Dichloropropene  
 Concen: 4.532 ug/l  
 RT: 10.96 min Scan# 968  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

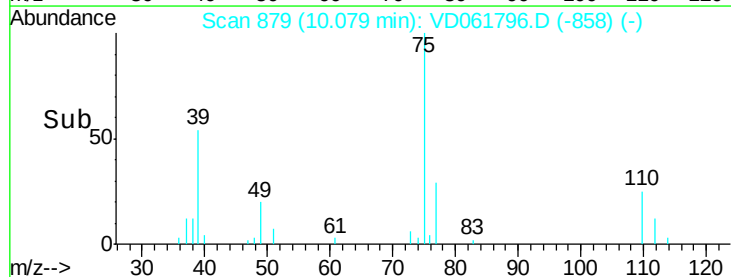
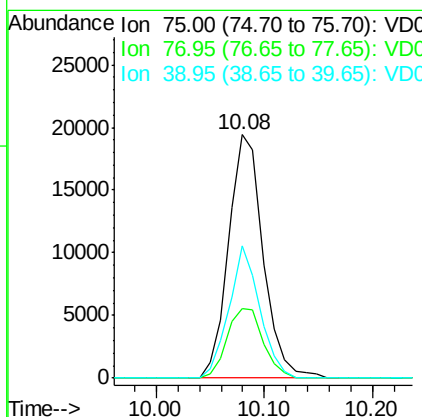
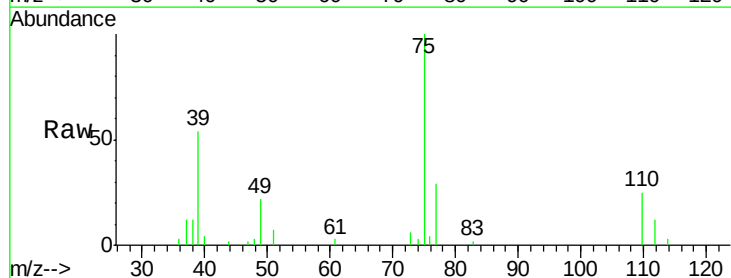
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

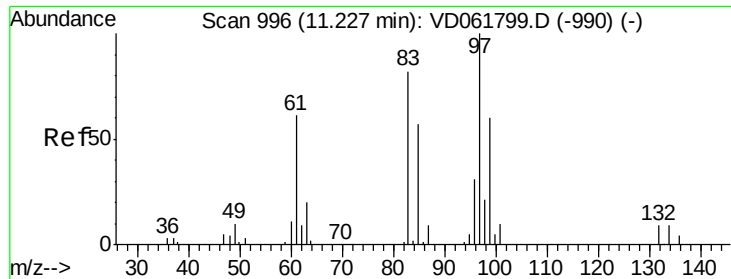
Tot Ion: 75 Resp: 34364  
 Ion Ratio Lower Upper  
 75 100  
 77 35.8 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 4.834 ug/l  
 RT: 10.08 min Scan# 879  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Tgt Ion: 75 Resp: 43024  
 Ion Ratio Lower Upper  
 75 100  
 77 28.7 25.5 38.3  
 39 54.4 39.4 59.2

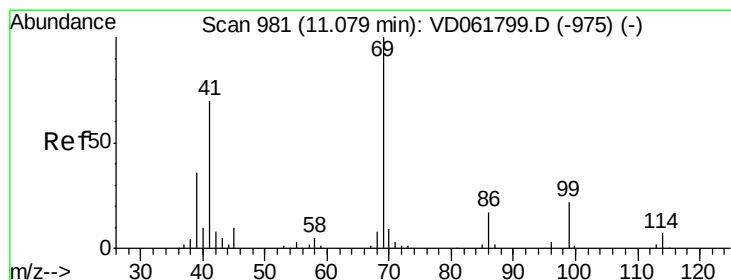
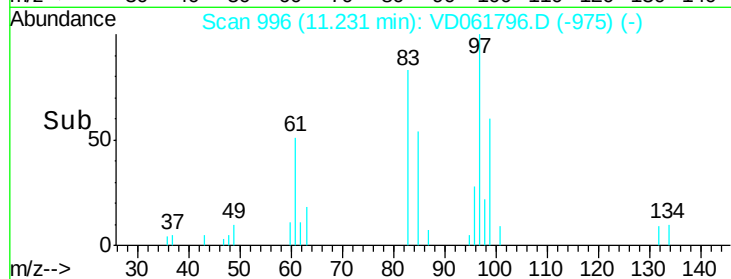
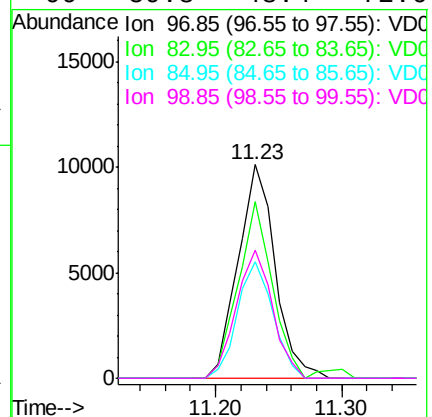
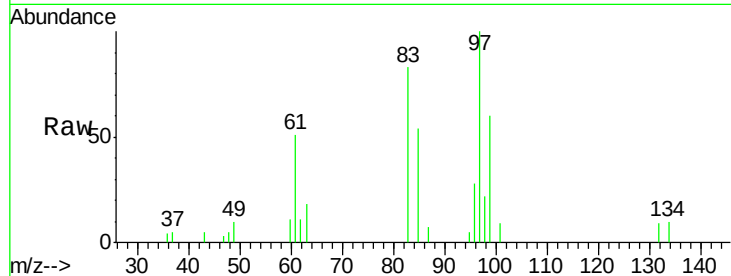




#55  
 1,1,2-Trichloroethane  
 Concen: 4.851 ug/l  
 RT: 11.23 min Scan# 996  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

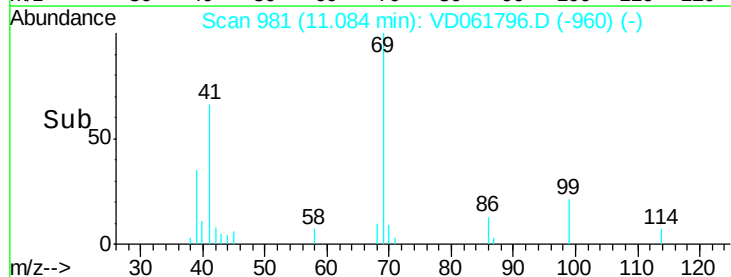
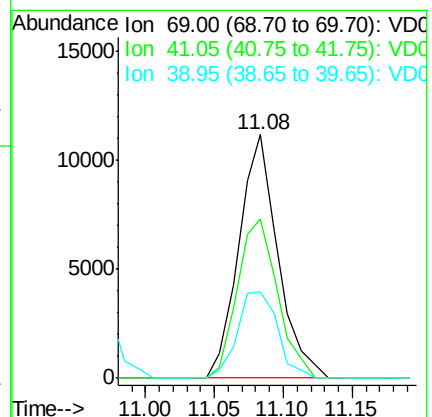
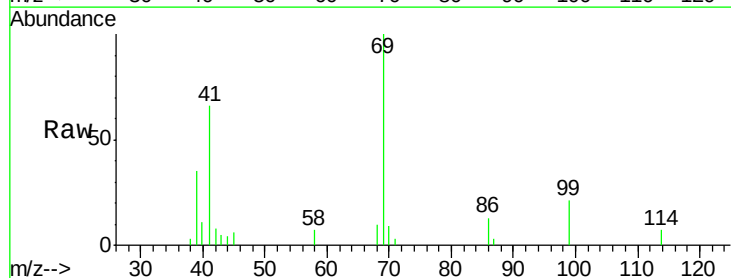
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 20587 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.9  | 65.7  | 98.5  |
| 85       | 54.5  | 45.6  | 68.4  |
| 99       | 59.8  | 48.4  | 72.6  |

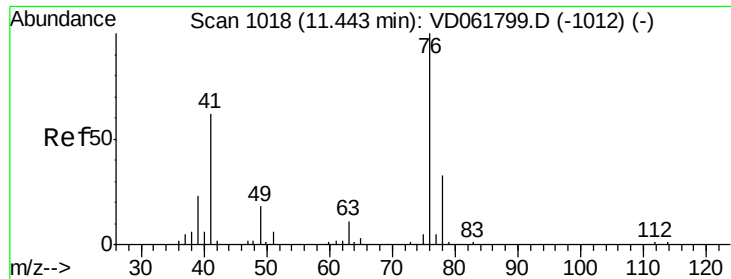


#56  
 Ethyl methacrylate  
 Concen: 4.706 ug/l  
 RT: 11.08 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 21920 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.6  | 56.3  | 84.5  |
| 39       | 35.3  | 29.4  | 44.2  |



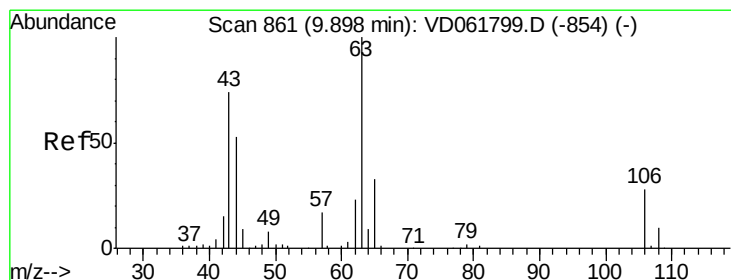
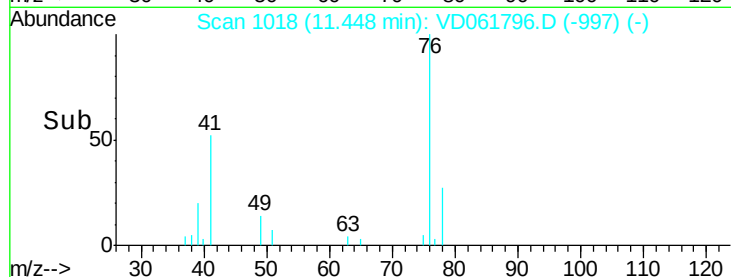
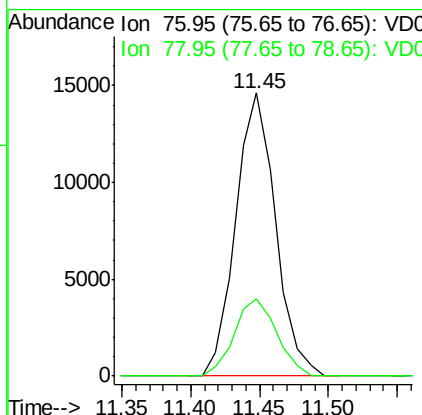
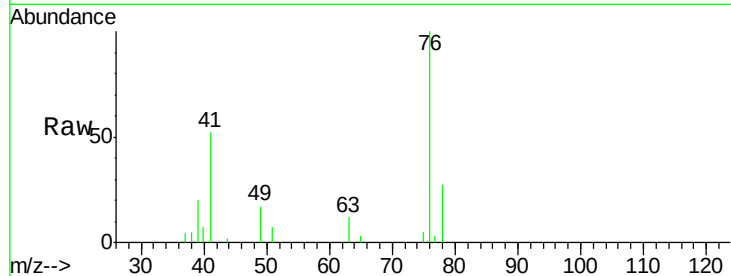




#57  
 1,3-Dichloropropane  
 Concen: 4.614 ug/l  
 RT: 11.45 min Scan# 1018  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

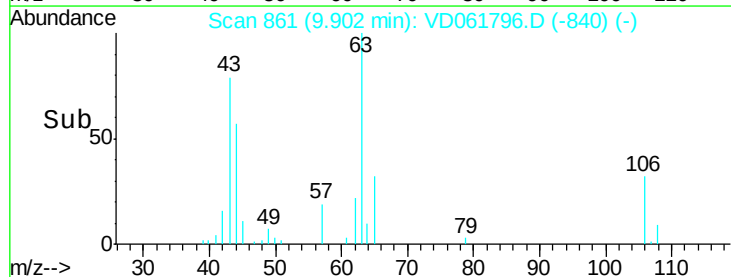
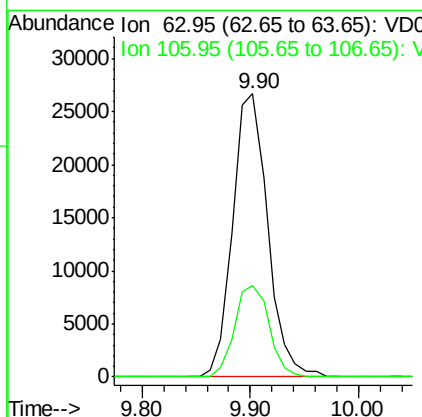
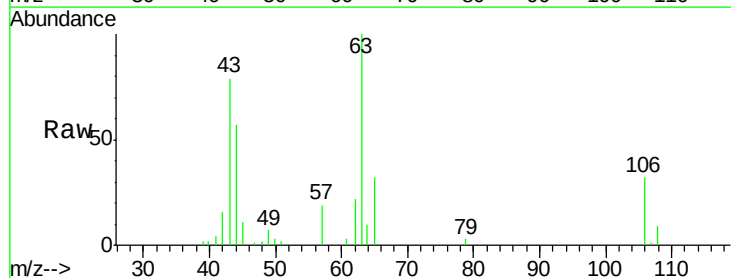
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

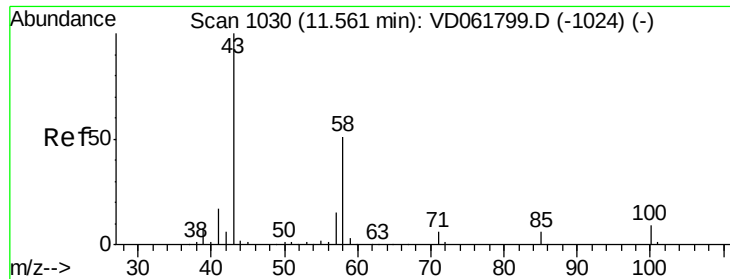
Tot Ion: 76 Resp: 29436  
 Ion Ratio Lower Upper  
 76 100  
 78 27.5 26.2 39.2



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 27.146 ug/l  
 RT: 9.90 min Scan# 861  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Tgt Ion: 63 Resp: 60135  
 Ion Ratio Lower Upper  
 63 100  
 106 32.3 22.6 34.0





#59

2-Hexanone

Concen: 23.937 ug/l

RT: 11.57 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

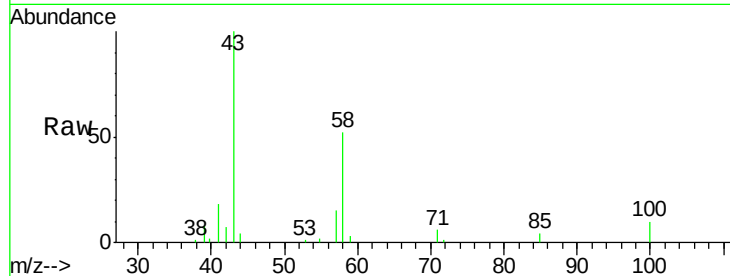
VSTDIC005

Tot Ion: 43 Resp: 53600

Ion Ratio Lower Upper

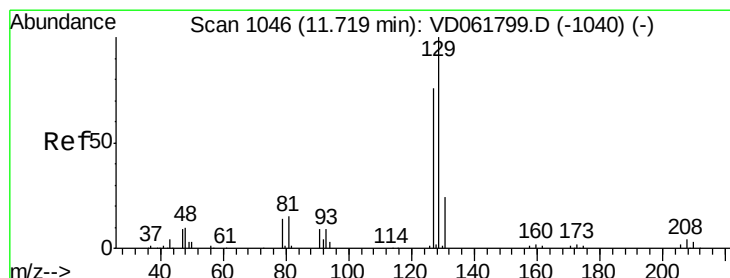
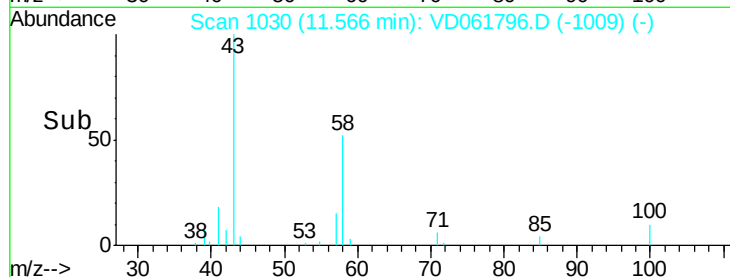
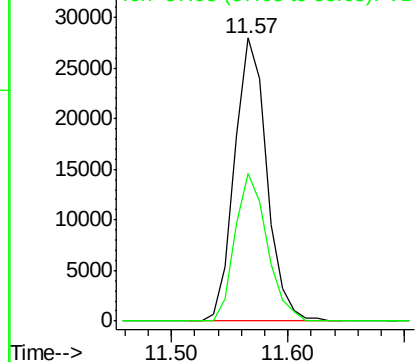
43 100

58 52.1 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: 4.468 ug/l

RT: 11.72 min Scan# 1046

Delta R.T. 0.00 min

Lab File: VD061796.D

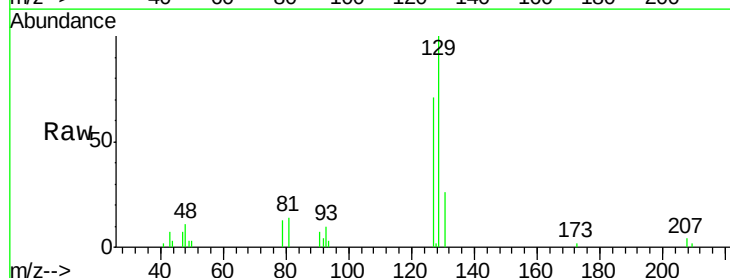
Acq: 15 Apr 2019 12:46

Tgt Ion: 129 Resp: 31025

Ion Ratio Lower Upper

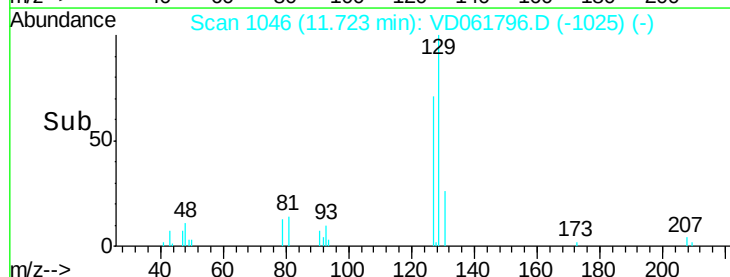
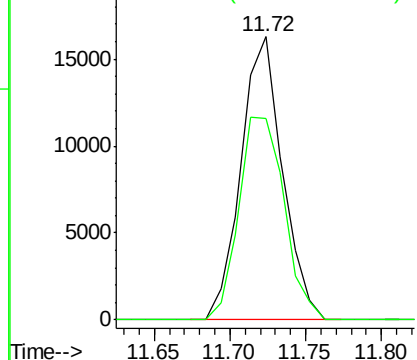
129 100

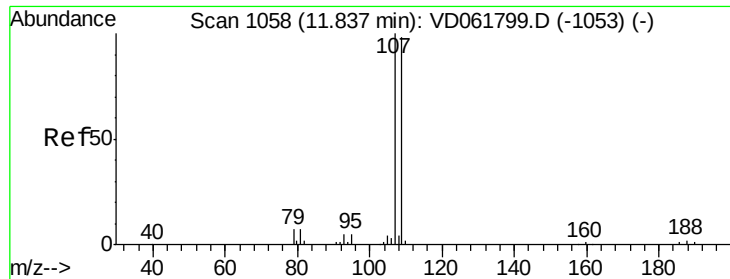
127 71.1 38.0 113.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

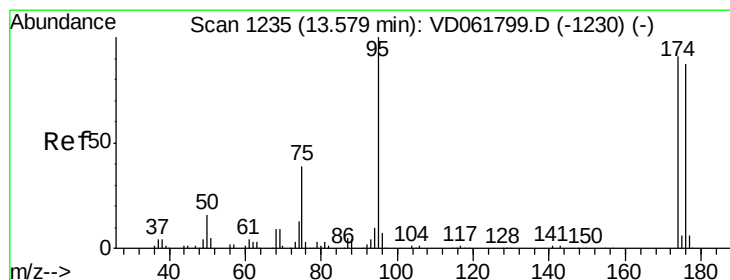
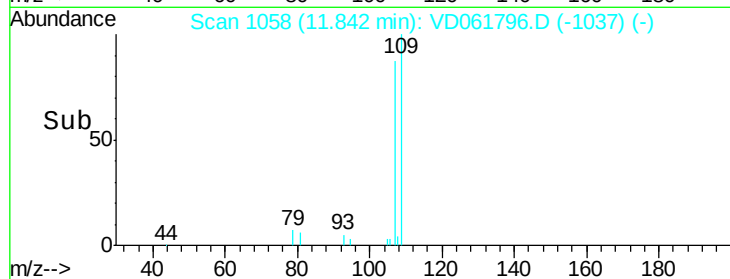
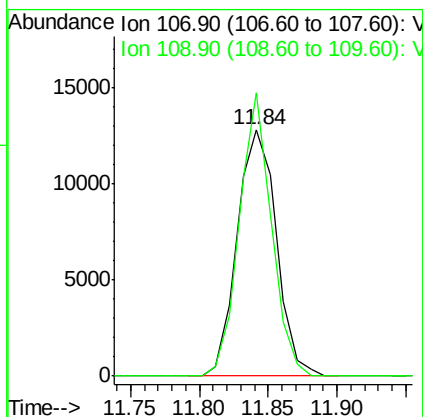
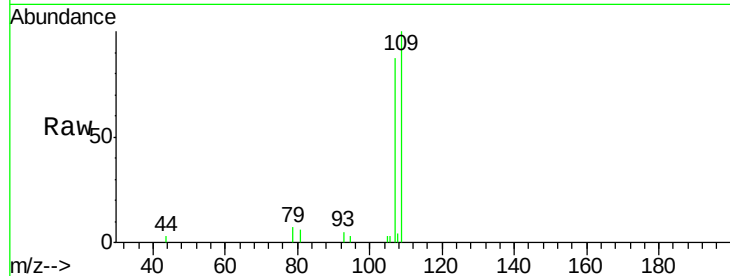




#61  
 1,2-Dibromoethane  
 Concen: 4.856 ug/l  
 RT: 11.84 min Scan# 1058  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

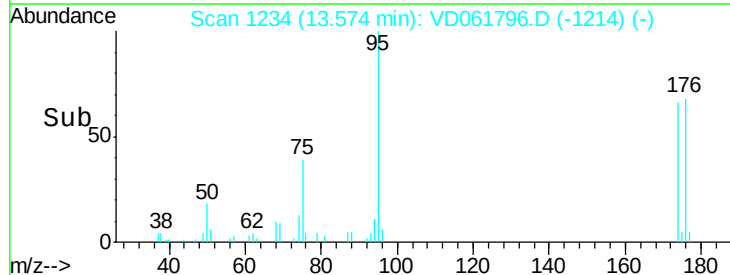
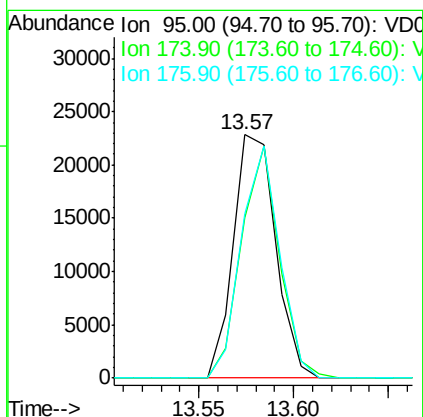
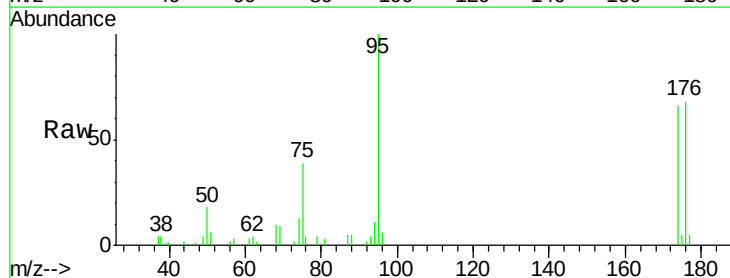
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

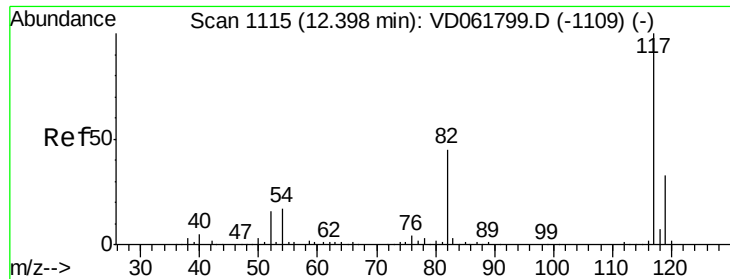
Tot Ion:107 Resp: 25340  
 Ion Ratio Lower Upper  
 107 100  
 109 114.9 78.3 117.5



#62  
 4-Bromofluorobenzene  
 Concen: 4.856 ug/l  
 RT: 13.57 min Scan# 1234  
 Delta R.T. -0.01 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Tgt Ion: 95 Resp: 35234  
 Ion Ratio Lower Upper  
 95 100  
 174 65.9 0.0 181.8  
 176 67.7 0.0 174.4

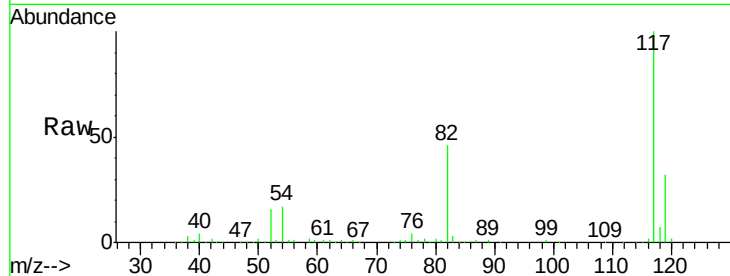




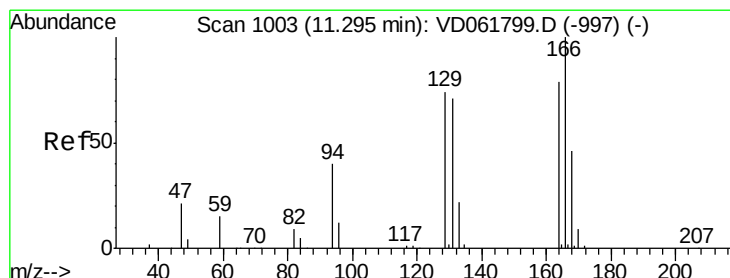
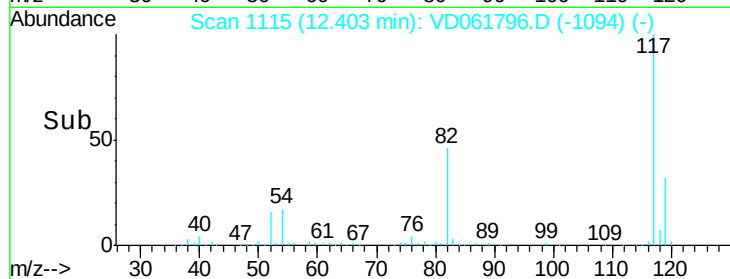
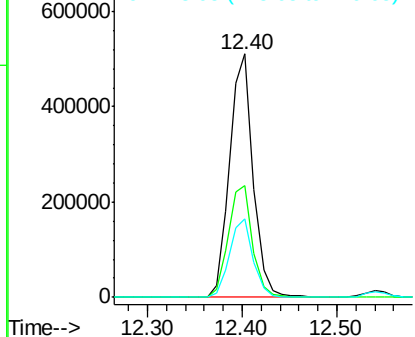
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.40 min Scan# 1115  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tot Ion:117 Resp: 874780  
Ion Ratio Lower Upper  
117 100  
82 45.7 36.2 54.2  
119 32.3 26.2 39.4

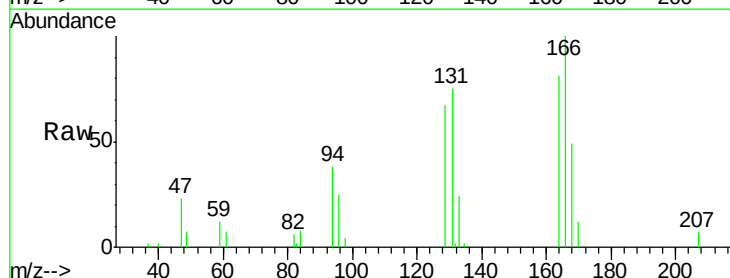


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

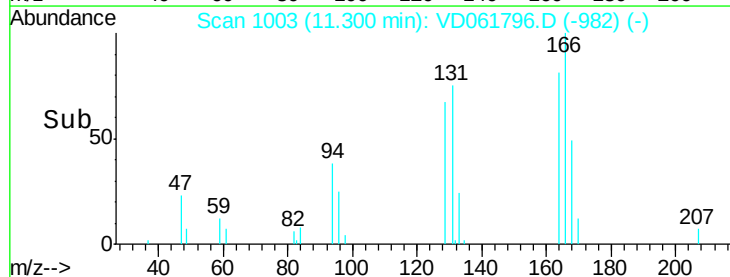
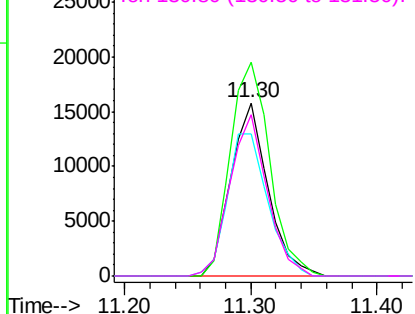


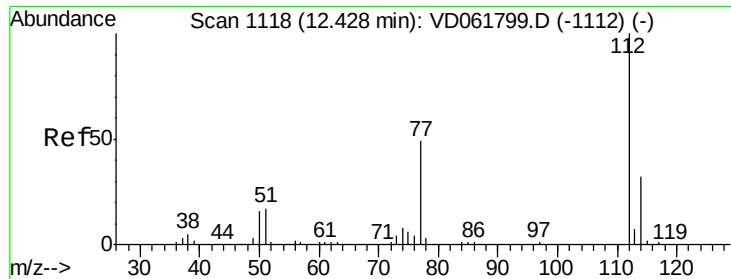
#64  
Tetrachloroethene  
Concen: 4.884 ug/l  
RT: 11.30 min Scan# 1003  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion:164 Resp: 32041  
Ion Ratio Lower Upper  
164 100  
166 123.2 101.5 152.3  
129 82.2 74.6 112.0  
131 92.9 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

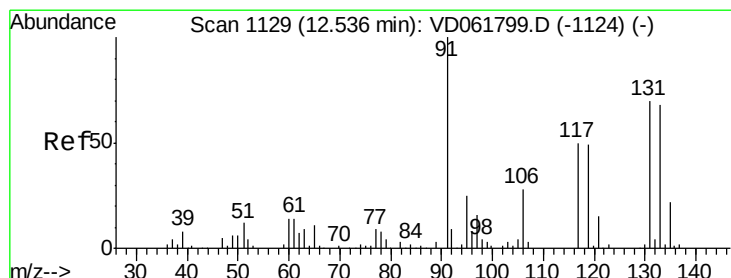
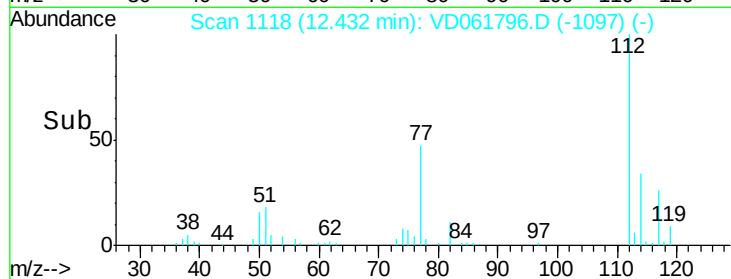
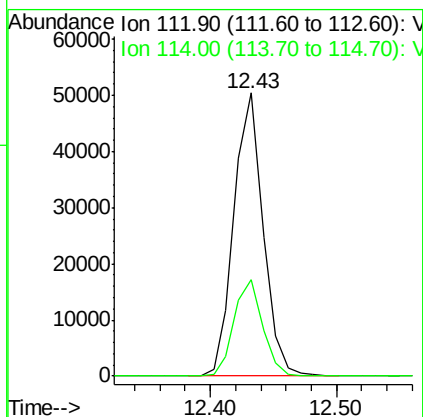
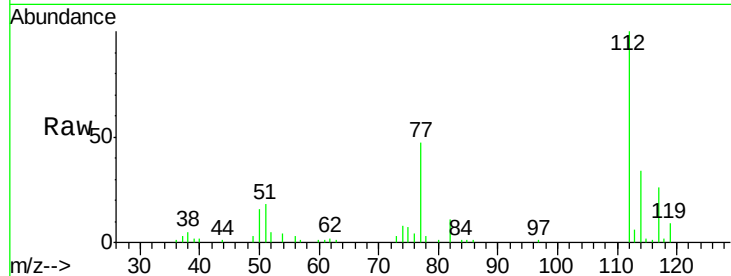




#65  
Chlorobenzene  
Concen: 4.948 ug/l  
RT: 12.43 min Scan# 1118  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

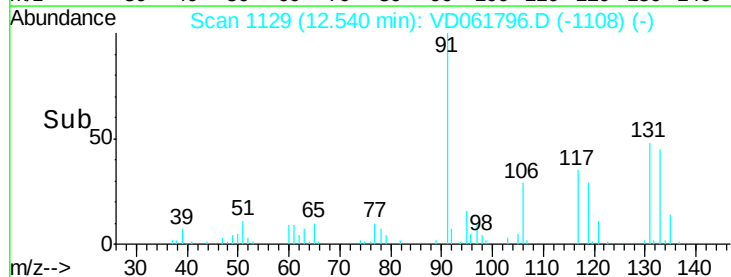
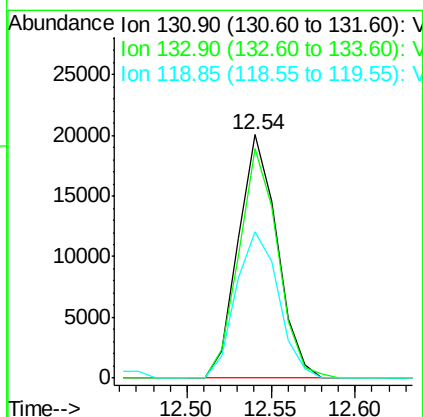
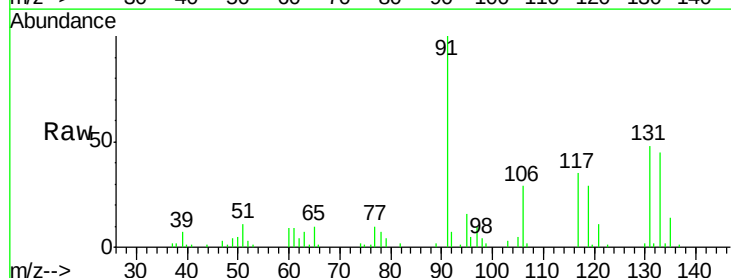
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

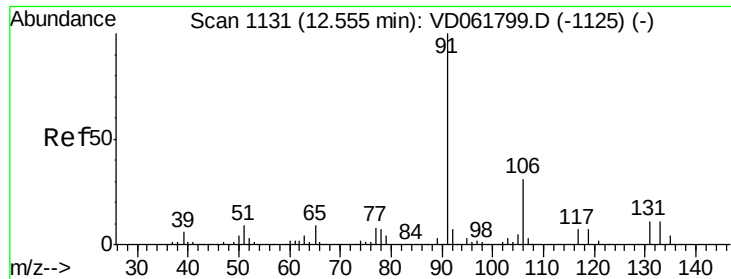
Tot Ion:112 Resp: 80612  
Ion Ratio Lower Upper  
112 100  
114 34.0 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.705 ug/l  
RT: 12.54 min Scan# 1129  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion:131 Resp: 32123  
Ion Ratio Lower Upper  
131 100  
133 94.1 48.6 145.8  
119 60.1 34.7 104.1

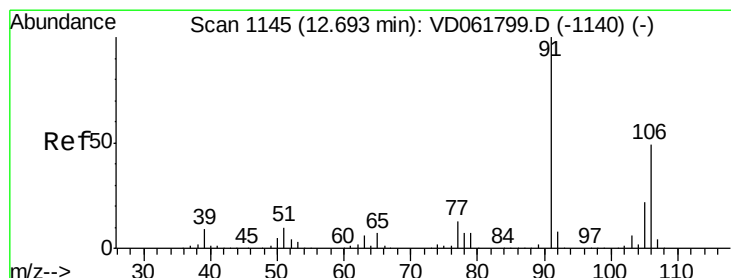
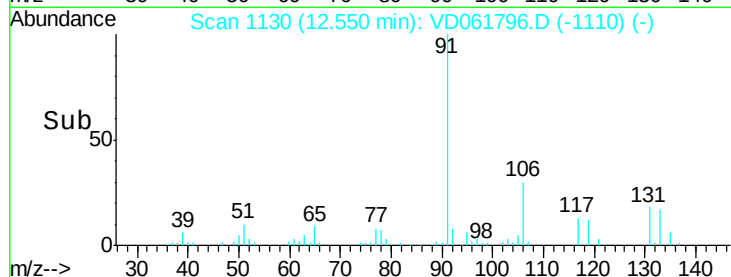
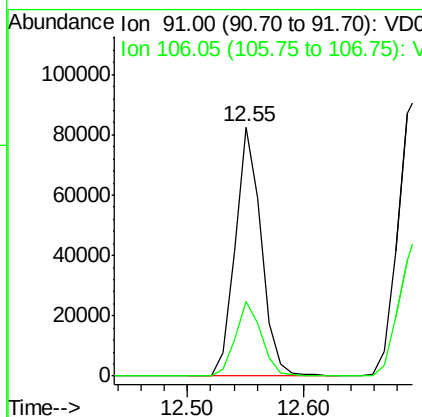
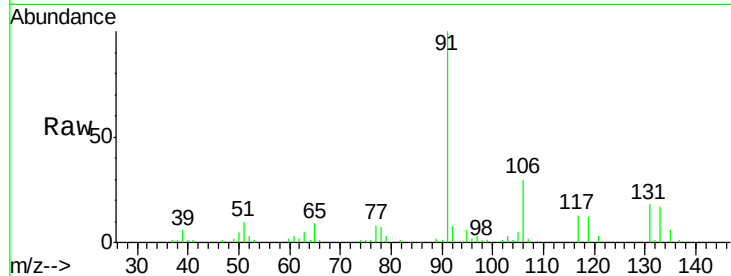




#67  
Ethyl Benzene  
Concen: 4.879 ug/l  
RT: 12.55 min Scan# 1130  
Delta R.T. -0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

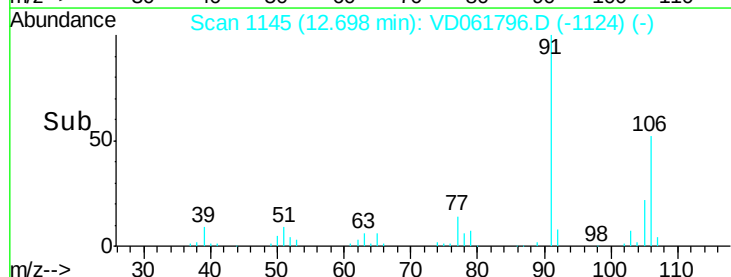
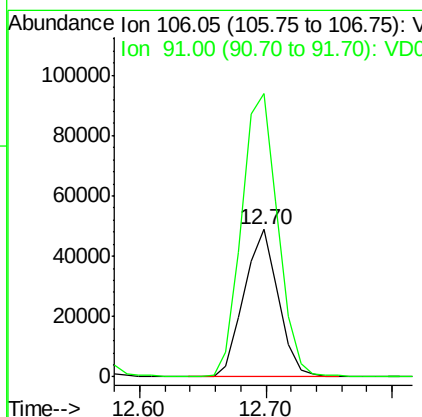
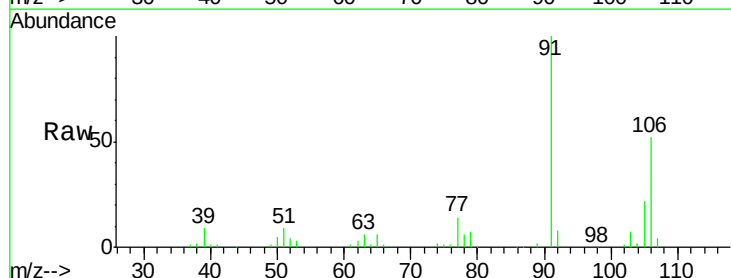
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

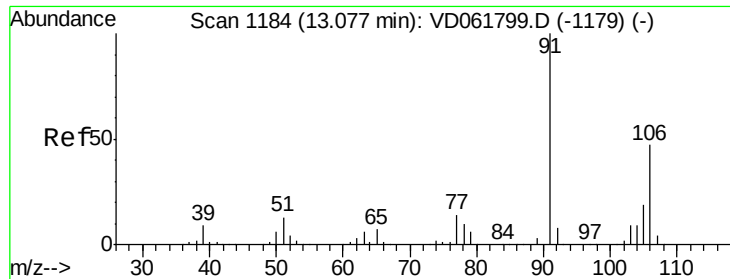
Tot Ion: 91 Resp: 127288  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.7 37.1



#68  
m/p-Xylenes  
Concen: 9.389 ug/l  
RT: 12.70 min Scan# 1145  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion:106 Resp: 92015  
Ion Ratio Lower Upper  
106 100  
91 192.1 164.0 246.0

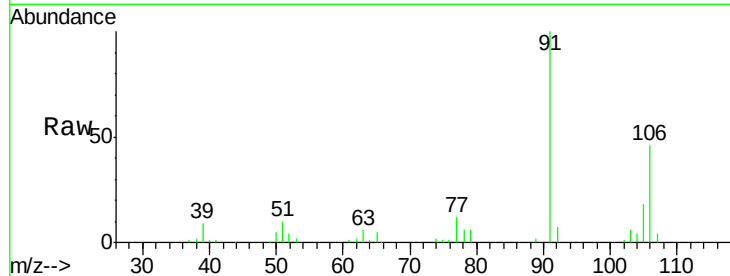




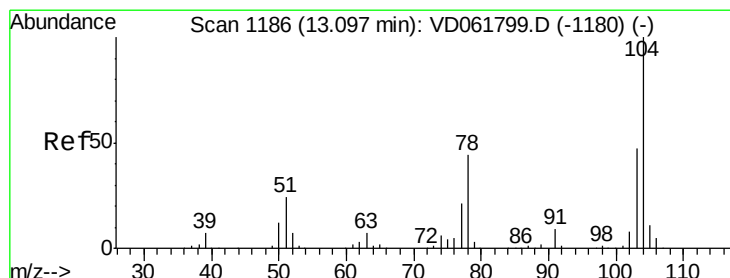
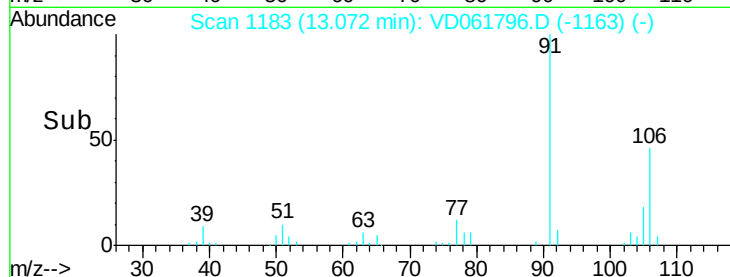
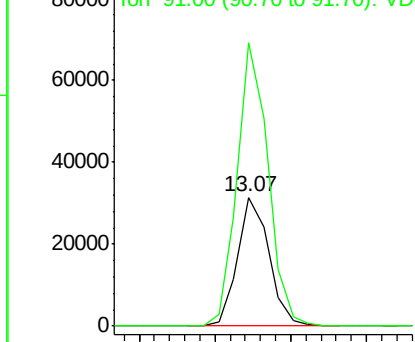
#69  
o-Xylene  
Concen: 4.909 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tot Ion:106 Resp: 45218  
Ion Ratio Lower Upper  
106 100  
91 219.6 106.7 319.9

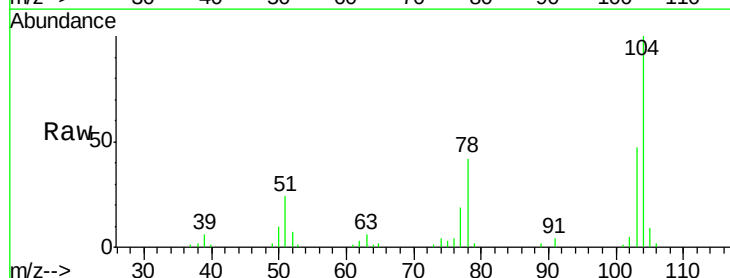


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

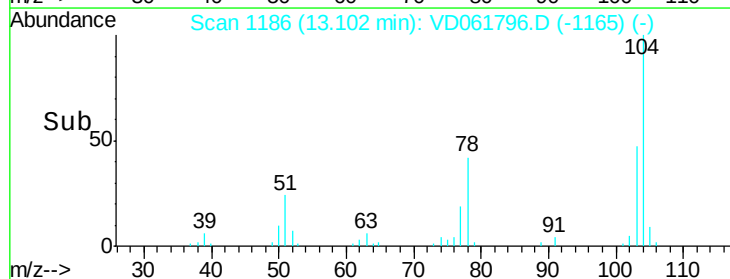
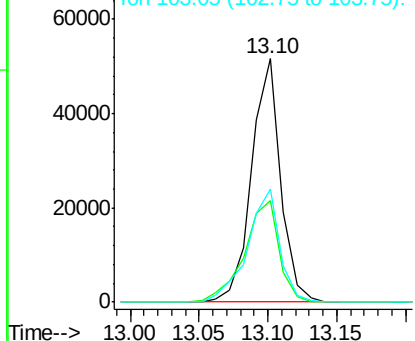


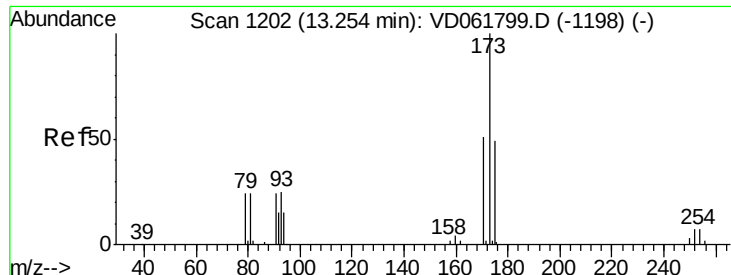
#70  
Styrene  
Concen: 4.799 ug/l  
RT: 13.10 min Scan# 1186  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion:104 Resp: 76069  
Ion Ratio Lower Upper  
104 100  
78 41.9 35.4 53.2  
103 46.6 37.5 56.3



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

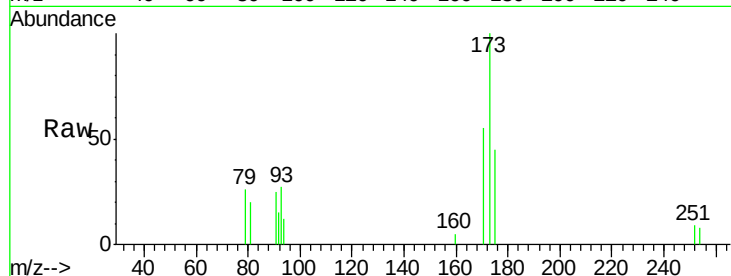




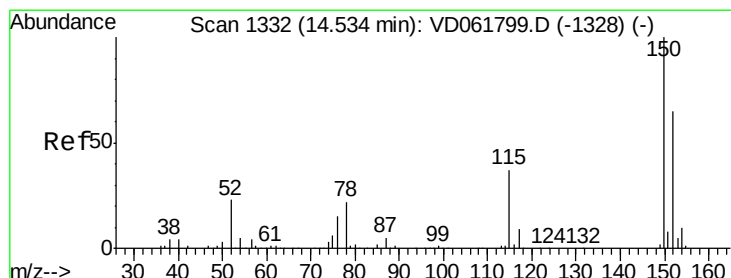
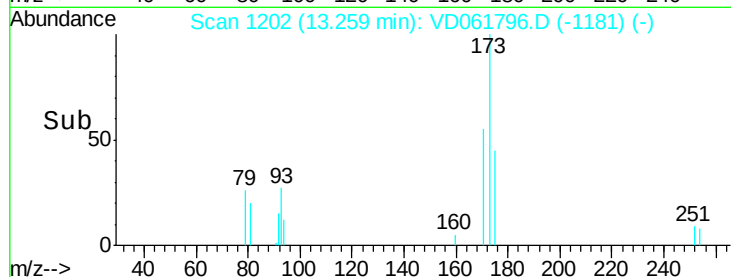
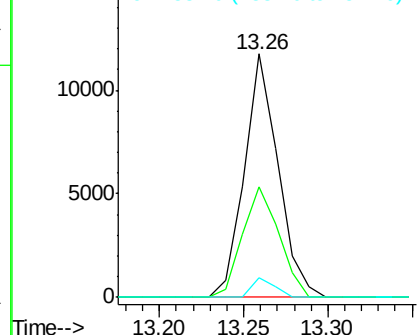
#71  
Bromoform  
Concen: 4.031 ug/l  
RT: 13.26 min Scan# 1202  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tot Ion:173 Resp: 16337  
Ion Ratio Lower Upper  
173 100  
175 45.3 24.4 73.4  
254 7.9 5.4 8.2

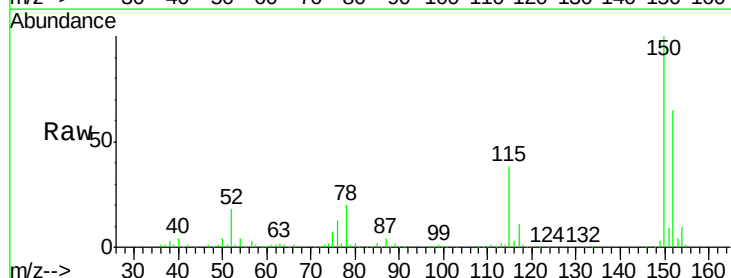


Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V

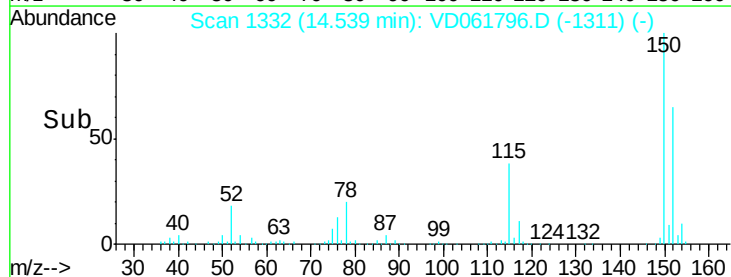
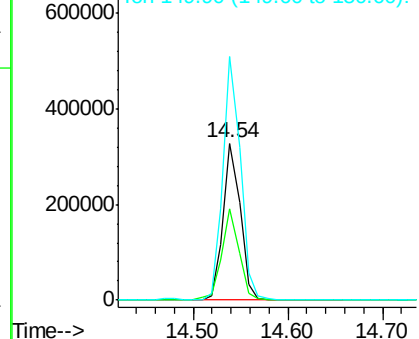


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.54 min Scan# 1332  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

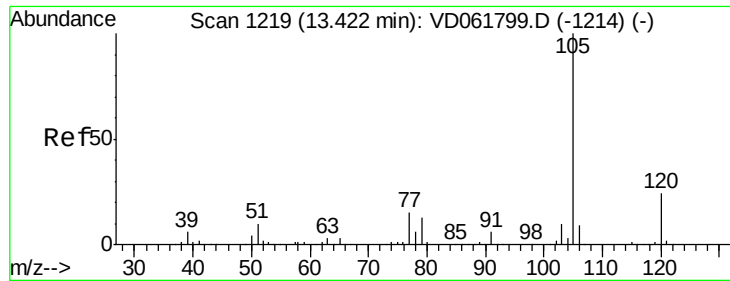
Tgt Ion:152 Resp: 413198  
Ion Ratio Lower Upper  
152 100  
115 58.1 30.9 92.7  
150 154.9 0.0 314.8



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: 4.498 ug/l

RT: 13.43 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

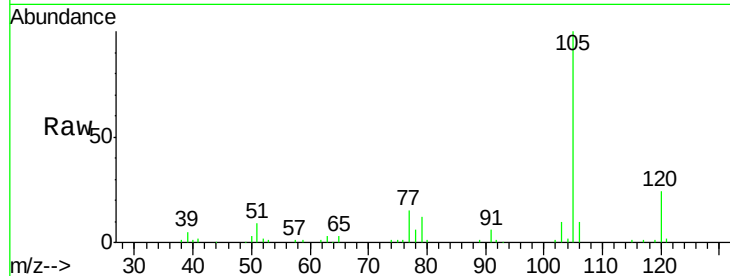
VSTDIC005

Tot Ion:105 Resp: 120534

Ion Ratio Lower Upper

105 100

120 23.9 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.43

80000

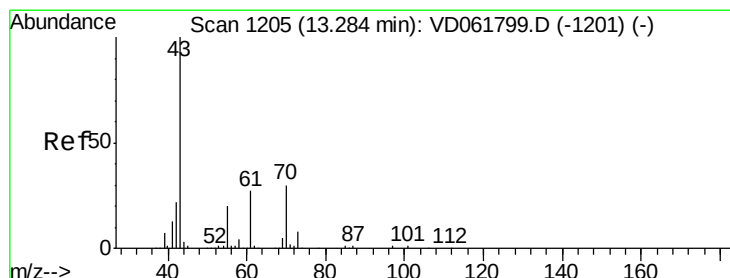
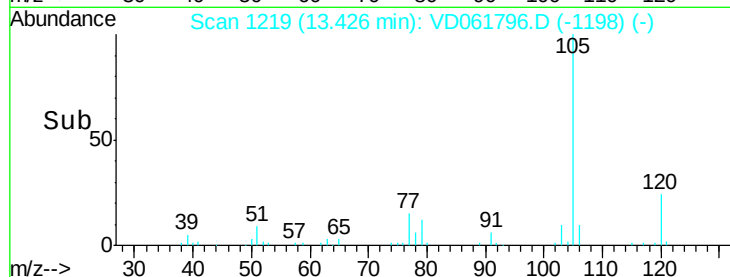
60000

40000

20000

0

Time--> 13.35 13.40 13.45 13.50



#74

N-ethyl acetate

Concen: 4.442 ug/l

RT: 13.29 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Tgt Ion: 43 Resp: 32012

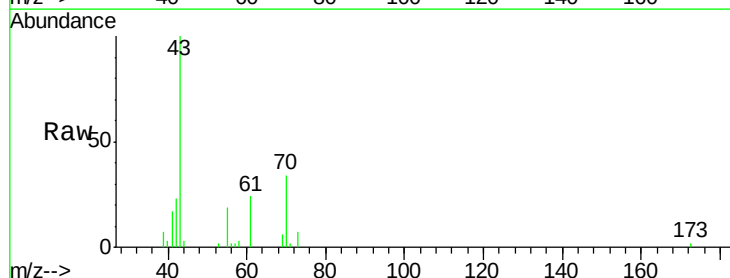
Ion Ratio Lower Upper

43 100

70 34.4 24.2 36.4

55 18.6 16.0 24.0

61 24.4 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

40000

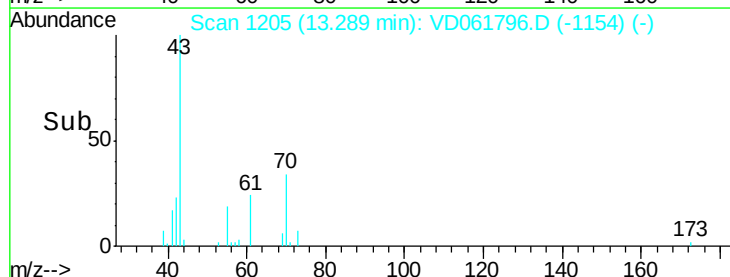
30000

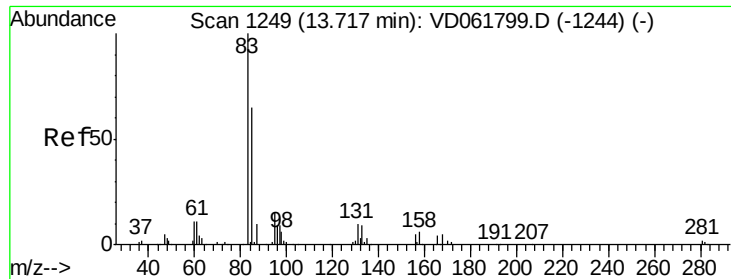
20000

10000

0

Time--> 13.25 13.30 13.35





#75

1,1,2,2-Tetrachloroethane

Concen: 4.290 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. 0.00 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

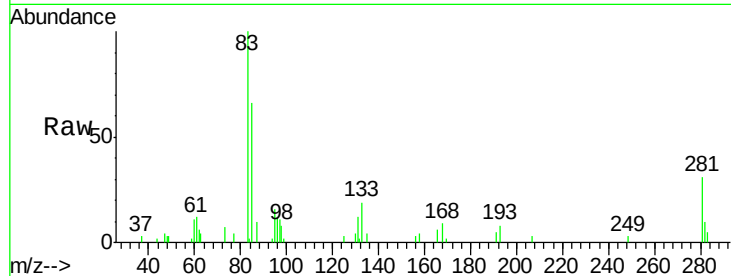
Tot Ion: 83 Resp: 22722

Ion Ratio Lower Upper

83 100

131 11.9 5.0 14.9

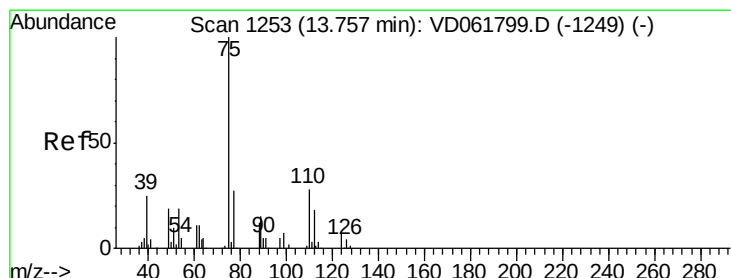
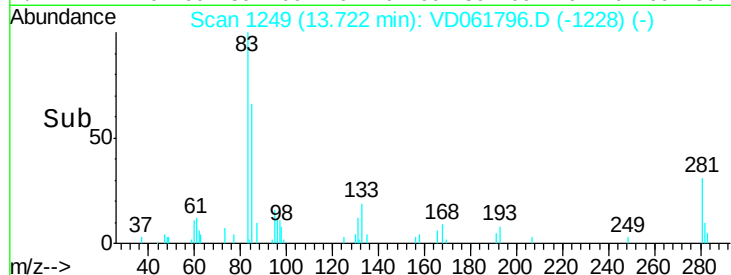
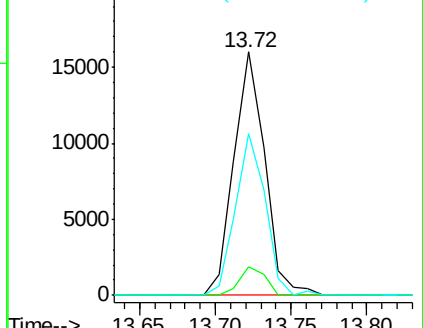
85 66.2 32.6 97.7



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: 4.306 ug/l

RT: 13.75 min Scan# 1252

Delta R.T. -0.01 min

Lab File: VD061796.D

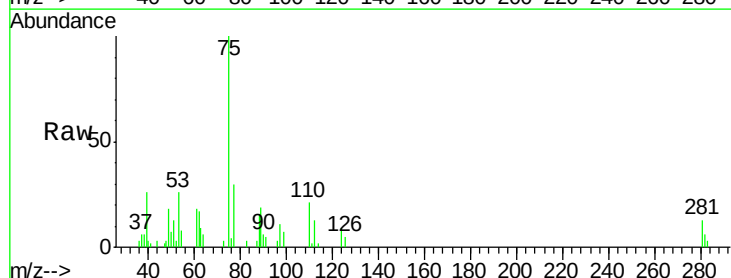
Acq: 15 Apr 2019 12:46

Tgt Ion: 75 Resp: 23364

Ion Ratio Lower Upper

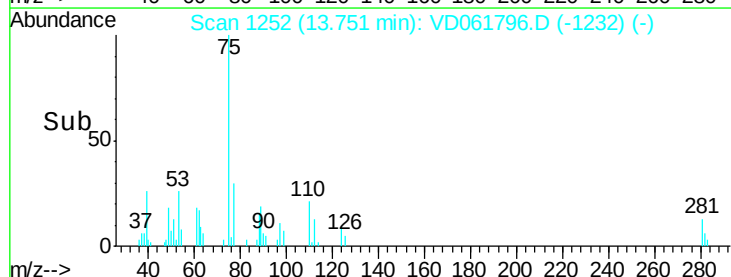
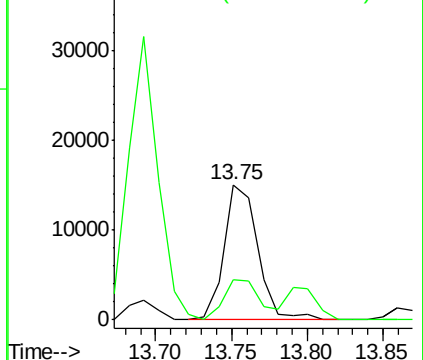
75 100

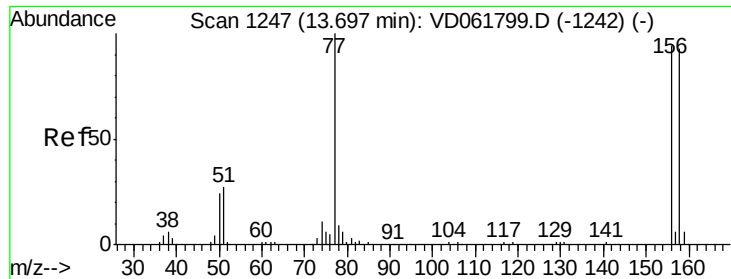
77 30.1 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

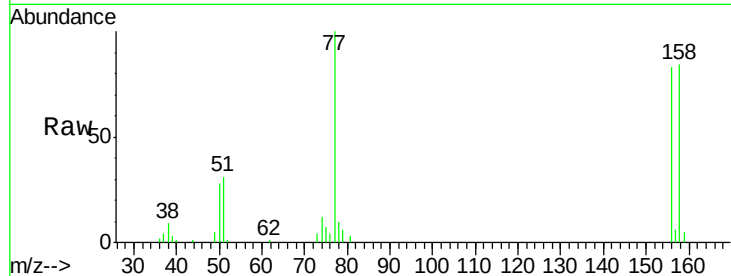




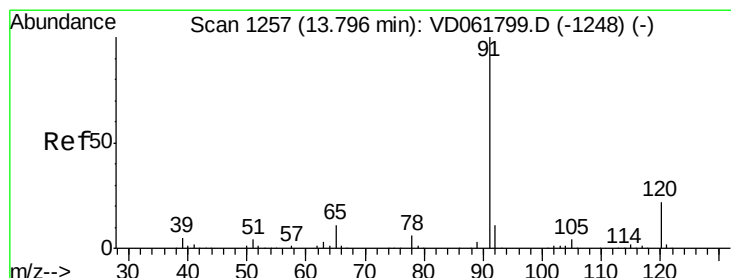
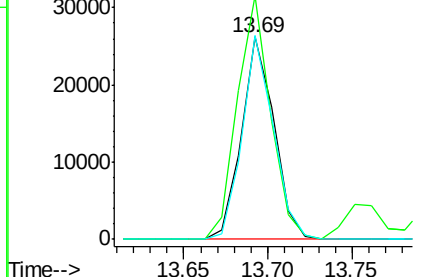
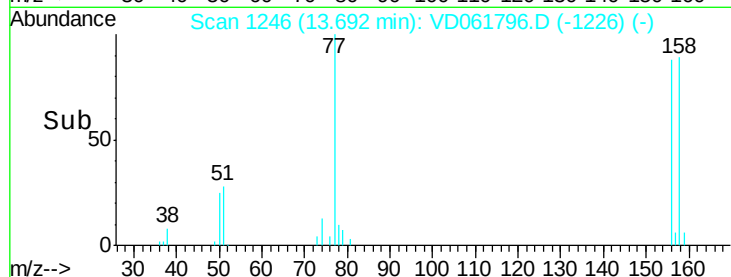
#77  
Bromobenzene  
Concen: 4.611 ug/l  
RT: 13.69 min Scan# 1246  
Delta R.T. -0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tot Ion:156 Resp: 35097  
Ion Ratio Lower Upper  
156 100  
77 120.5 53.1 159.4  
158 101.2 49.4 148.0

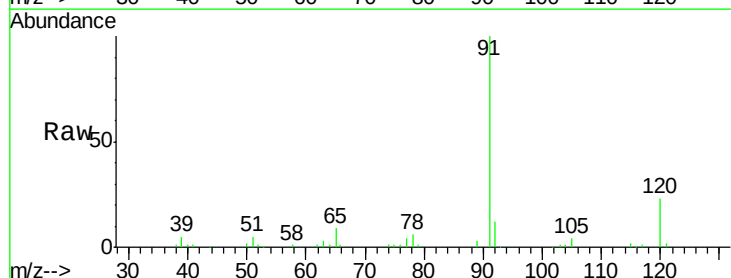


Abundance Ion 155.90 (155.60 to 156.60): V  
Ion 76.95 (76.65 to 77.65): V  
Ion 157.85 (157.55 to 158.55): V

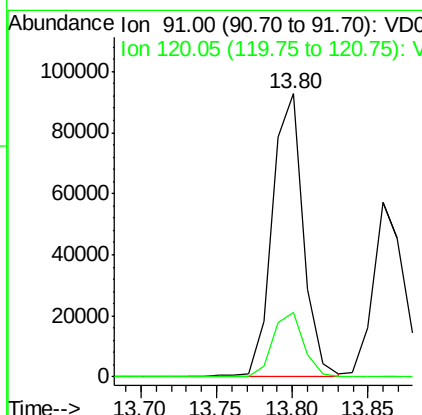
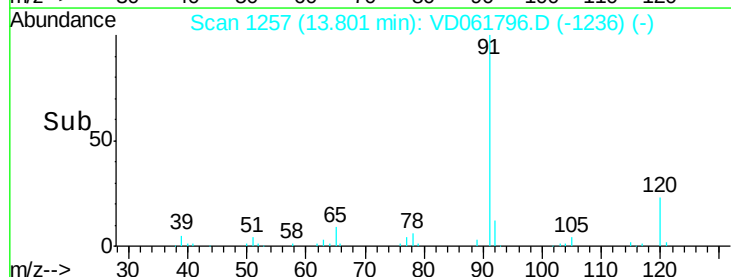


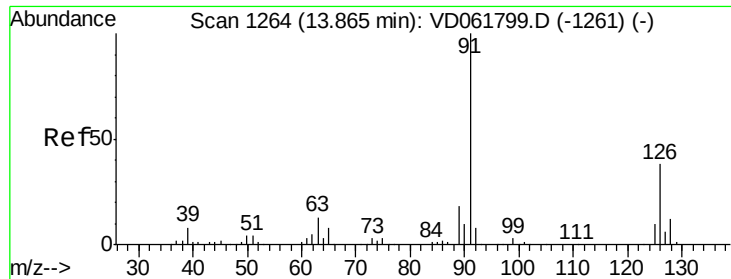
#78  
n-propylbenzene  
Concen: 4.311 ug/l  
RT: 13.80 min Scan# 1257  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion: 91 Resp: 133474  
Ion Ratio Lower Upper  
91 100  
120 22.9 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: 4.524 ug/l

RT: 13.86 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VD061796.D

Acq: 15 Apr 2019 12:46

Instrument :

MSVOA\_D

ClientSampleId :

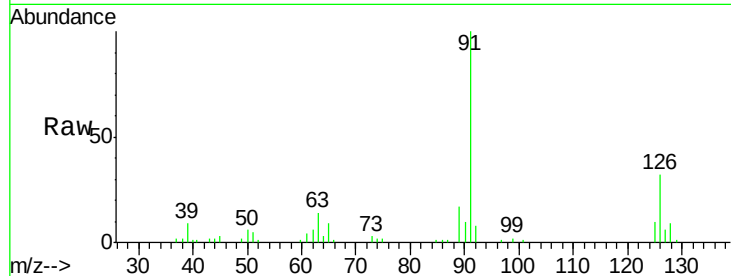
VSTDIC005

Tot Ion: 91 Resp: 81335

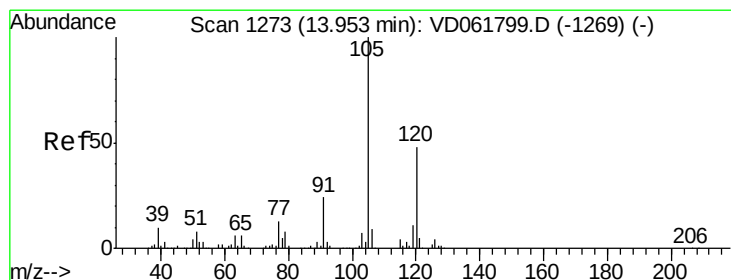
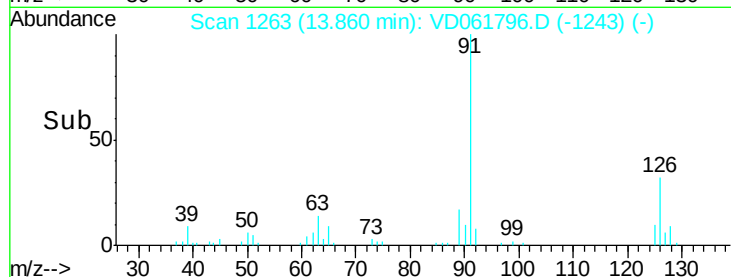
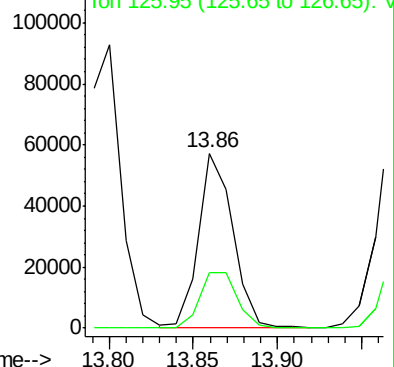
Ion Ratio Lower Upper

91 100

126 31.8 18.6 55.8



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



#80

1,3,5-Trimethylbenzene

Concen: 4.716 ug/l

RT: 13.96 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VD061796.D

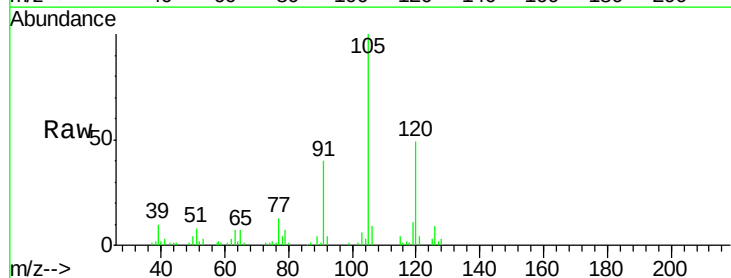
Acq: 15 Apr 2019 12:46

Tgt Ion:105 Resp: 100281

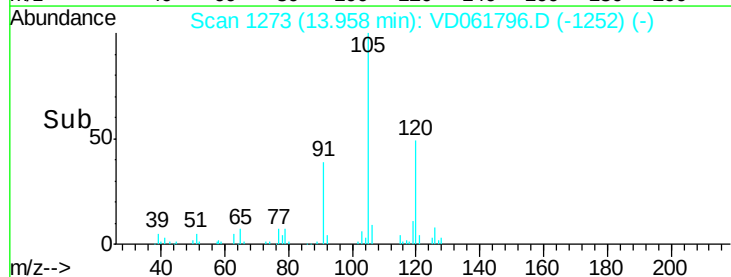
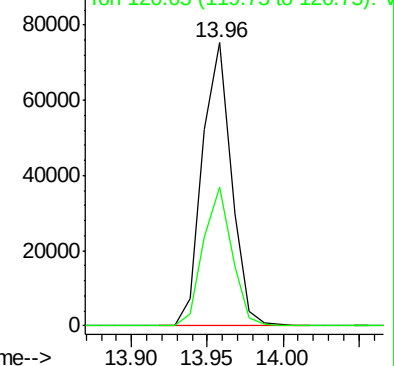
Ion Ratio Lower Upper

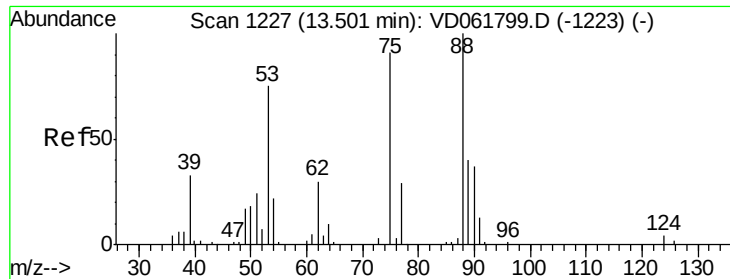
105 100

120 48.9 24.0 72.0



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

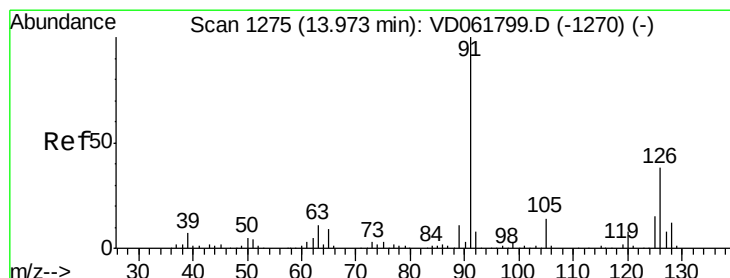
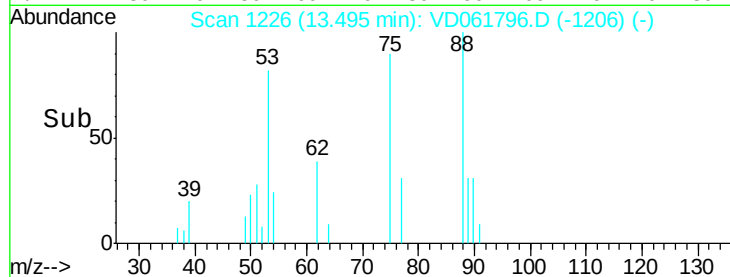
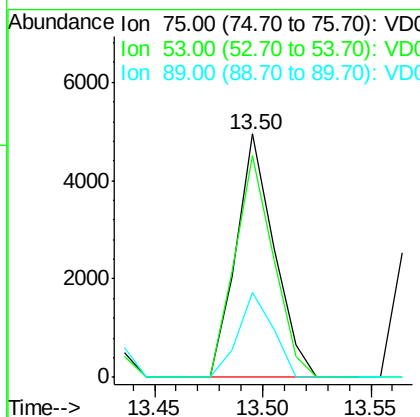
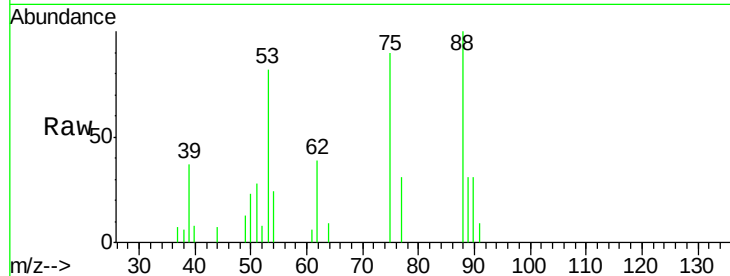




#81  
trans-1,4-Dichloro-2-butene  
Concen: 3.918 ug/l  
RT: 13.50 min Scan# 1226  
Delta R.T. -0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

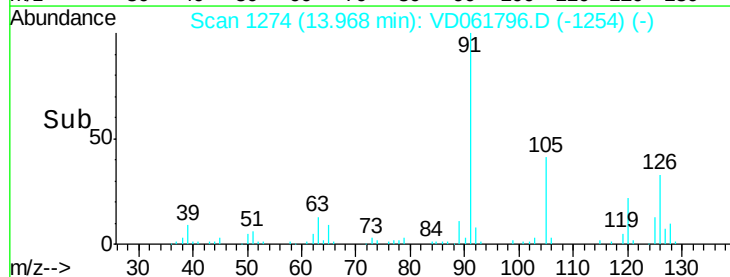
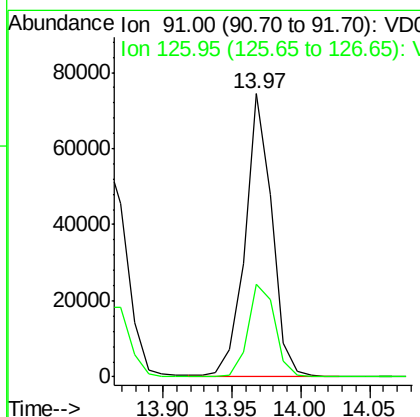
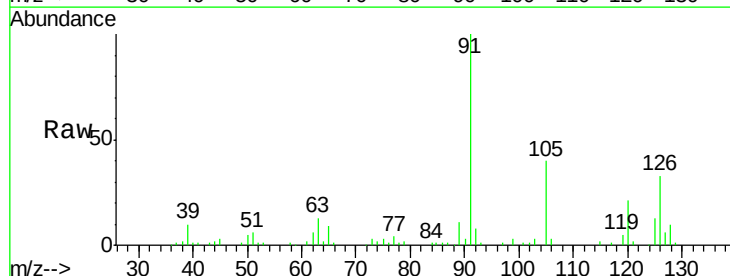
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

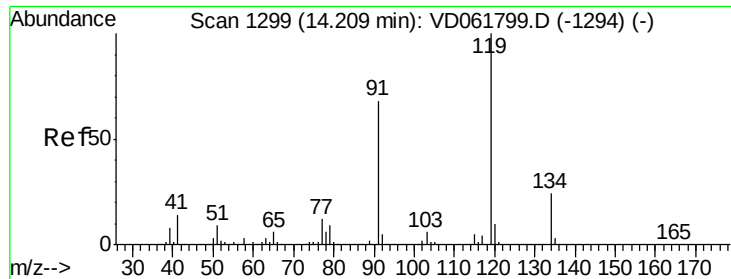
Tot Ion: 75 Resp: 6057  
Ion Ratio Lower Upper  
75 100  
53 91.3 65.8 98.8  
89 34.8 35.0 52.6#



#82  
4-Chlorotoluene  
Concen: 4.906 ug/l  
RT: 13.97 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion: 91 Resp: 101569  
Ion Ratio Lower Upper  
91 100  
126 32.7 19.1 57.5

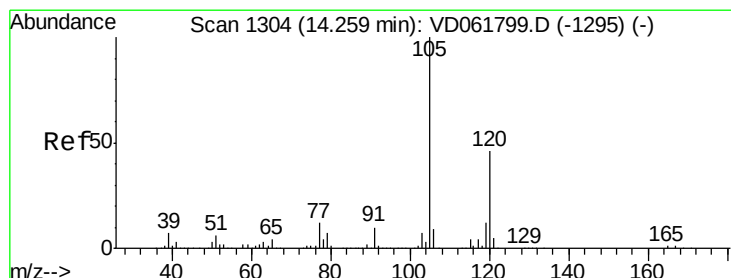
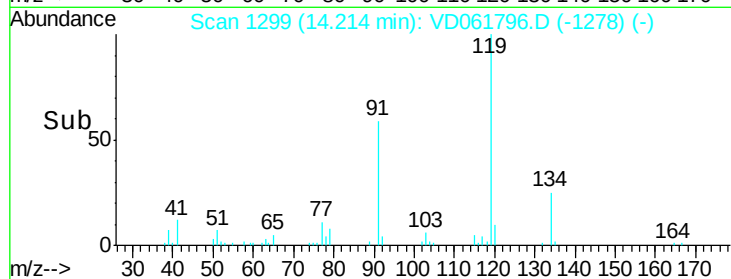
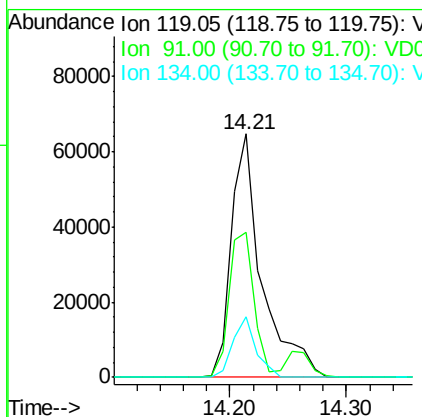
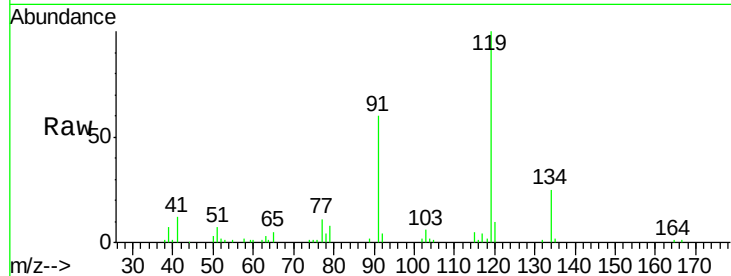




#83  
 tert-Butylbenzene  
 Concen: 4.707 ug/l  
 RT: 14.21 min Scan# 1299  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

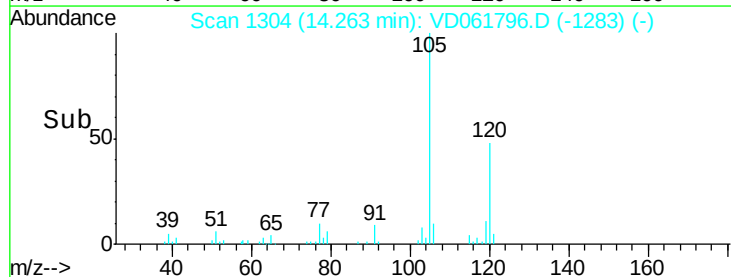
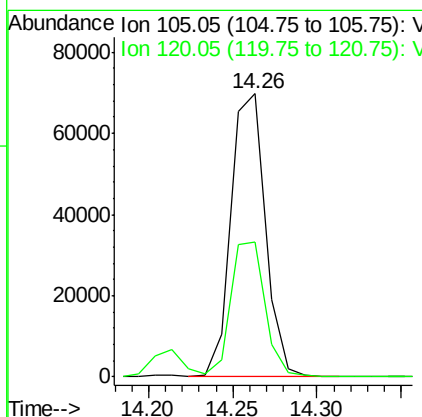
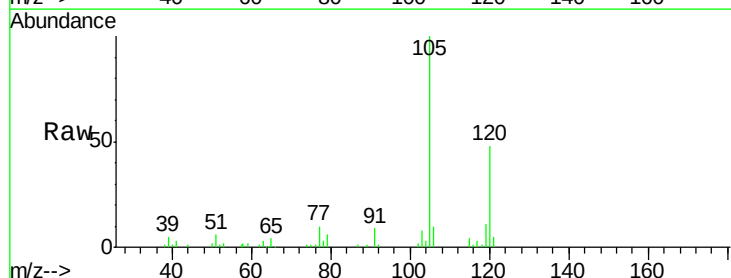
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

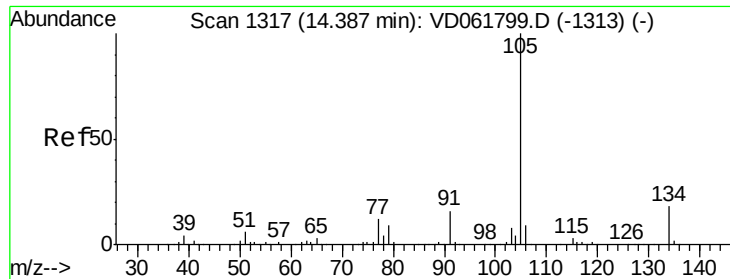
Tot Ion:119 Resp: 117519  
 Ion Ratio Lower Upper  
 119 100  
 91 59.7 34.2 102.6  
 134 25.0 12.0 36.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 4.635 ug/l  
 RT: 14.26 min Scan# 1304  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Tgt Ion:105 Resp: 99069  
 Ion Ratio Lower Upper  
 105 100  
 120 47.7 23.1 69.2

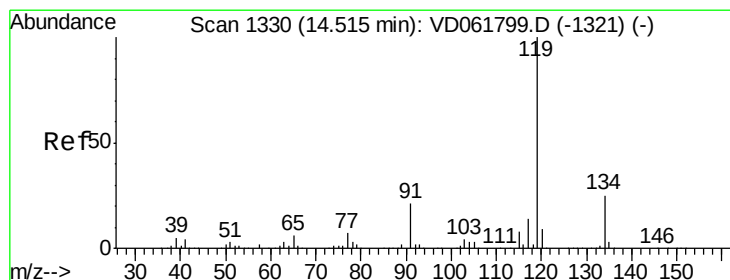
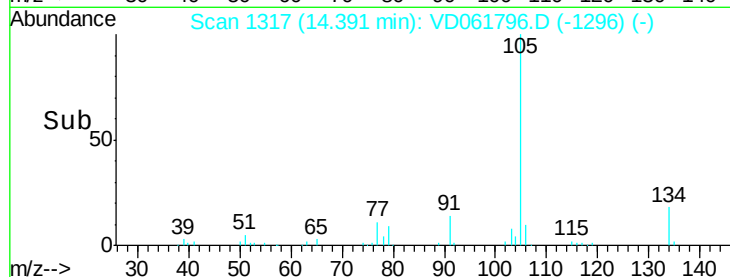
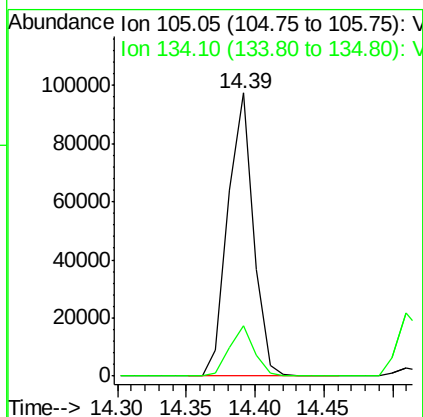
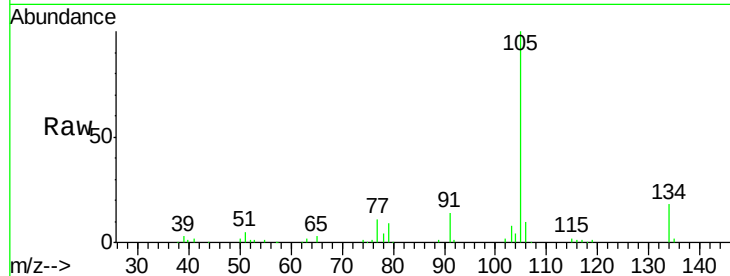




#85  
 sec-Butylbenzene  
 Concen: 4.836 ug/l  
 RT: 14.39 min Scan# 1317  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

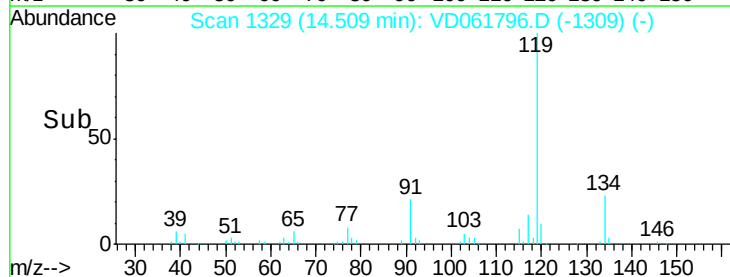
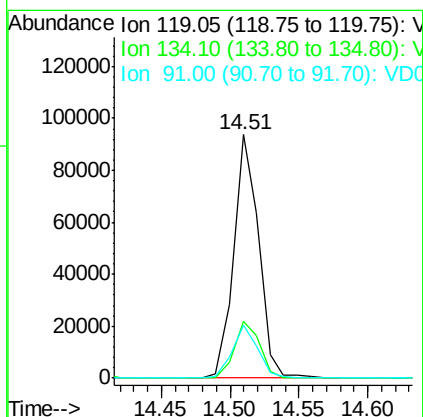
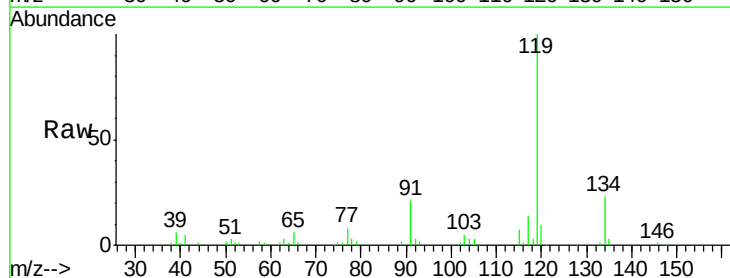
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

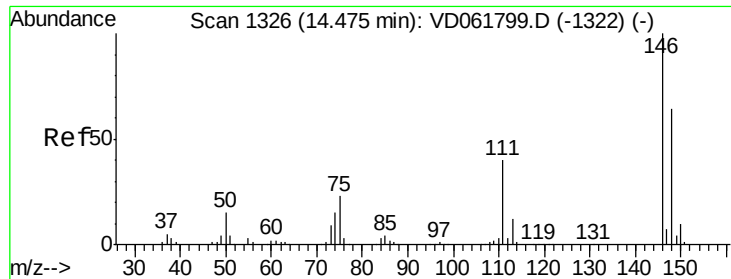
Tot Ion:105 Resp: 124821  
 Ion Ratio Lower Upper  
 105 100  
 134 17.9 8.9 26.7



#86  
 p-Isopropyltoluene  
 Concen: 4.861 ug/l  
 RT: 14.51 min Scan# 1329  
 Delta R.T. -0.01 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Tgt Ion:119 Resp: 117394  
 Ion Ratio Lower Upper  
 119 100  
 134 23.3 12.8 38.3  
 91 21.5 10.7 32.1

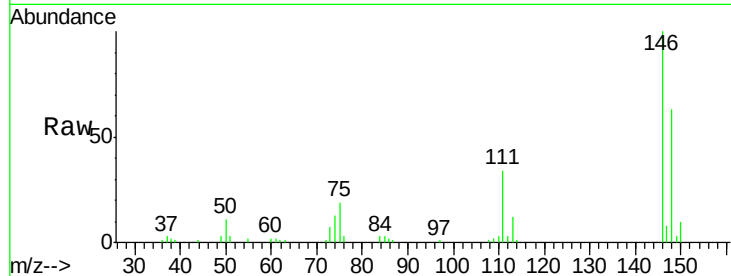




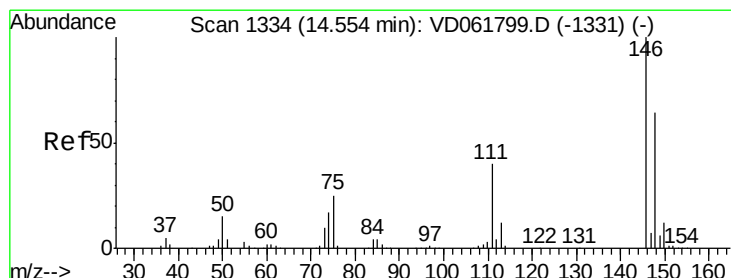
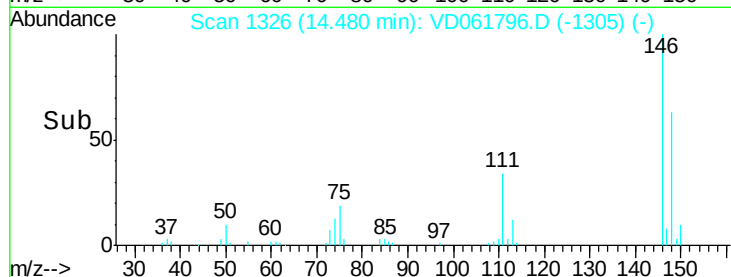
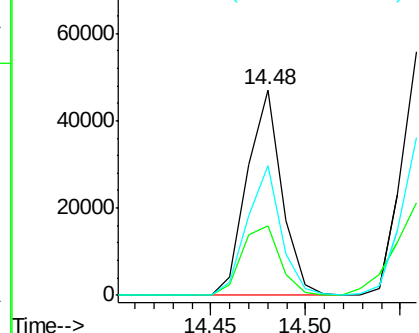
#87  
 1,3-Dichlorobenzene  
 Concen: 4.497 ug/l  
 RT: 14.48 min Scan# 1326  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Tot Ion:146 Resp: 59762  
 Ion Ratio Lower Upper  
 146 100  
 111 34.0 20.0 60.0  
 148 63.2 31.8 95.4

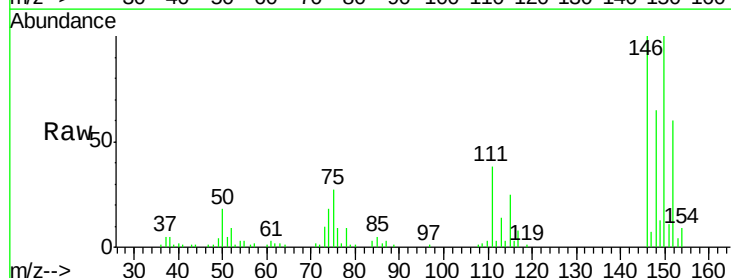


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

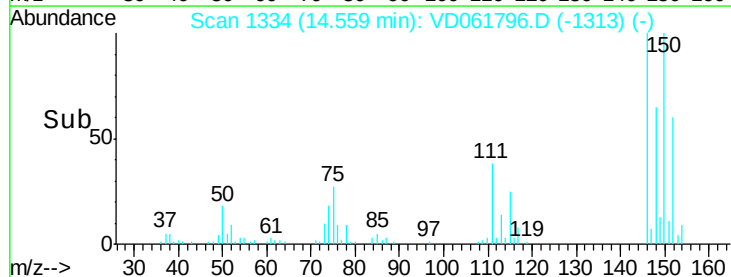
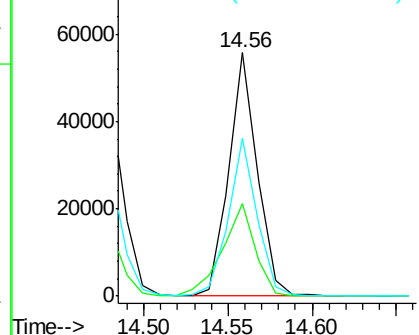


#88  
 1,4-Dichlorobenzene  
 Concen: 4.985 ug/l  
 RT: 14.56 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

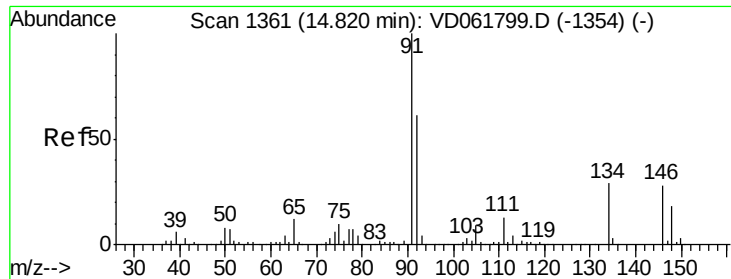
Tgt Ion:146 Resp: 65481  
 Ion Ratio Lower Upper  
 146 100  
 111 38.0 20.2 60.5  
 148 64.8 32.0 96.2



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



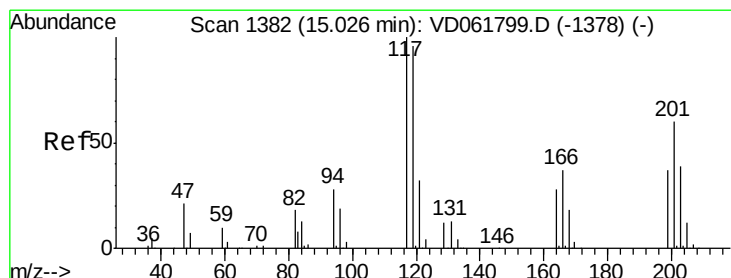
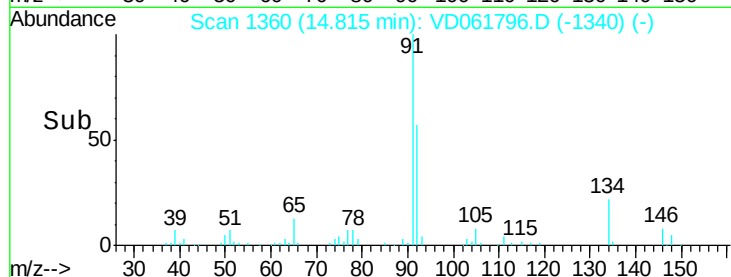
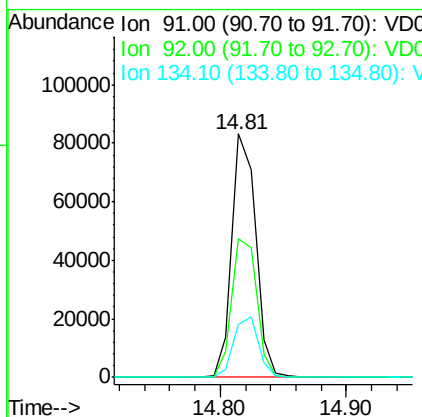
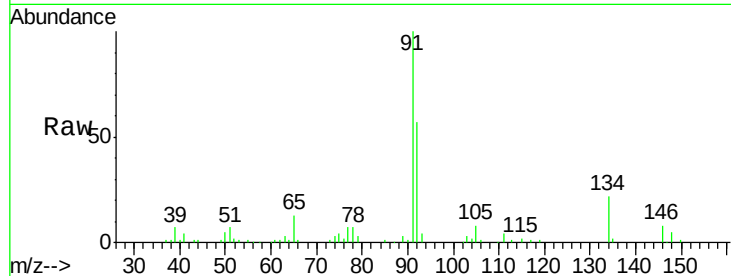




#89  
n-Butylbenzene  
Concen: 5.070 ug/l  
RT: 14.81 min Scan# 1360  
Delta R.T. -0.01 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

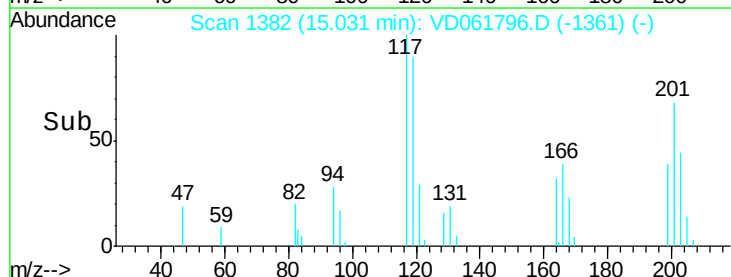
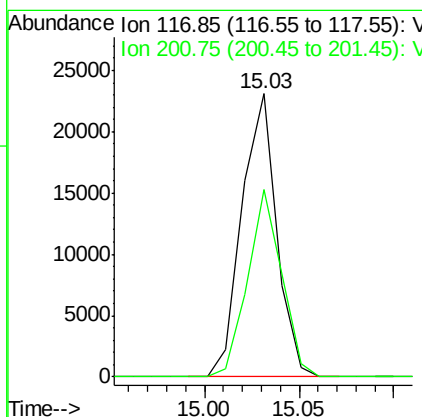
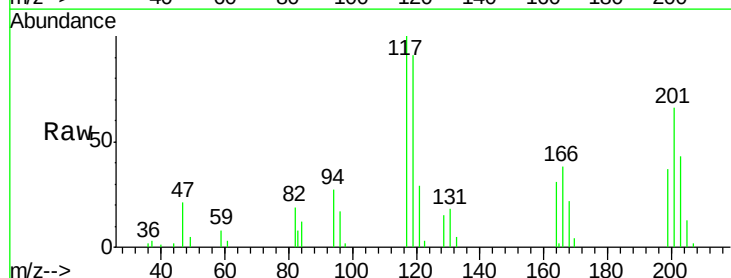
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

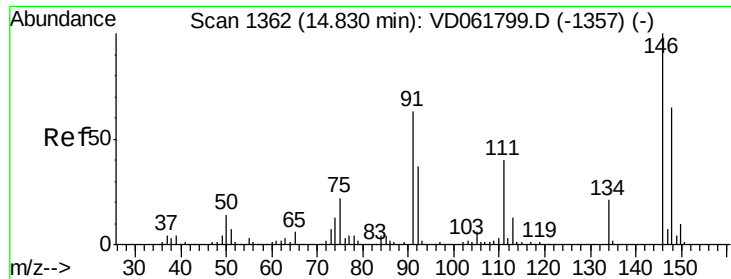
Tot Ion: 91 Resp: 108364  
Ion Ratio Lower Upper  
91 100  
92 57.0 30.3 91.0  
134 22.0 14.5 43.6



#90  
Hexachloroethane  
Concen: 4.455 ug/l  
RT: 15.03 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion: 117 Resp: 29323  
Ion Ratio Lower Upper  
117 100  
201 66.4 30.2 90.6

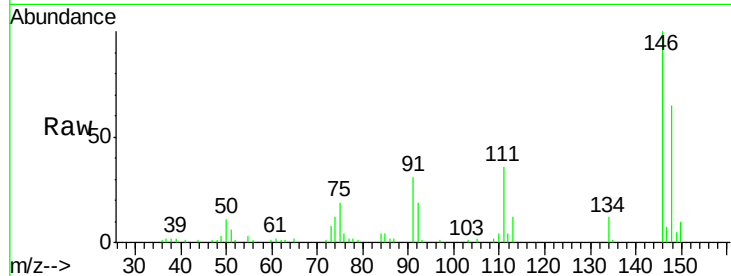




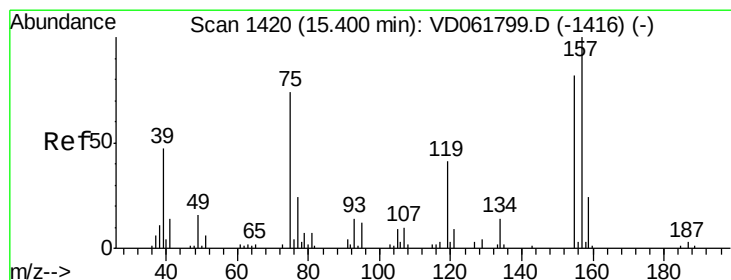
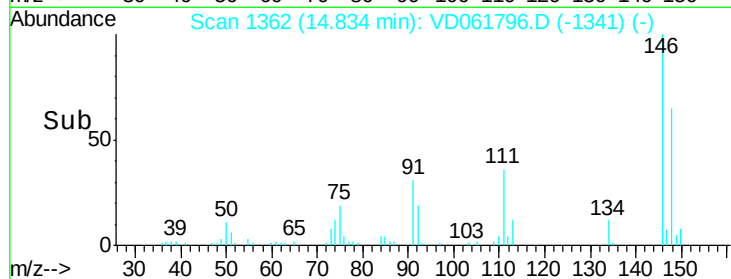
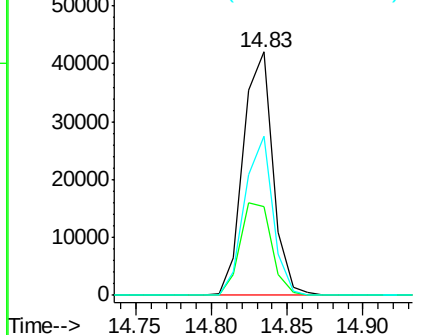
#91  
 1,2-Dichlorobenzene  
 Concen: 5.145 ug/l  
 RT: 14.83 min Scan# 1362  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Tot Ion:146 Resp: 57274  
 Ion Ratio Lower Upper  
 146 100  
 111 36.3 20.0 59.9  
 148 65.3 32.3 96.8

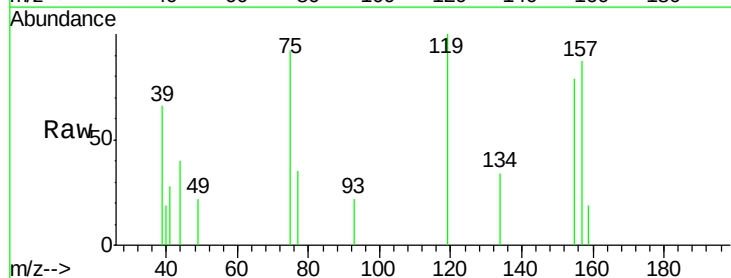


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

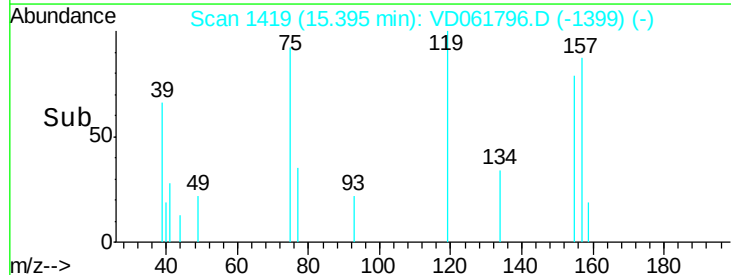
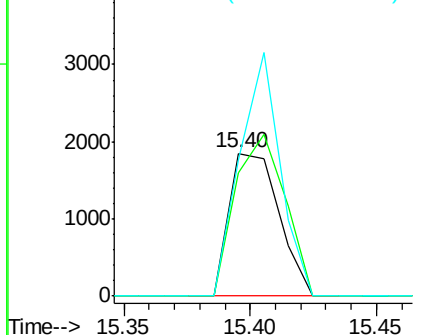


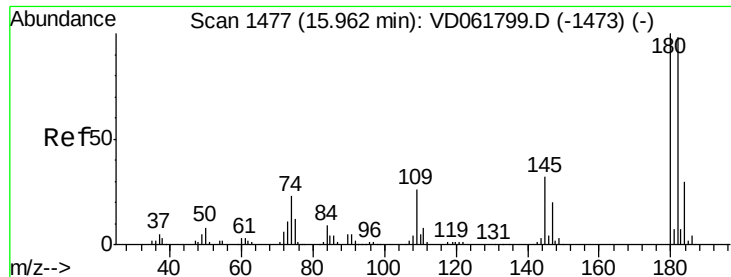
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 3.456 ug/l  
 RT: 15.40 min Scan# 1419  
 Delta R.T. -0.01 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Tgt Ion: 75 Resp: 2535  
 Ion Ratio Lower Upper  
 75 100  
 155 86.7 55.3 165.8  
 157 95.0 67.8 203.2



Abundance Ion 75.00 (74.70 to 75.70): V  
 Ion 154.90 (154.60 to 155.60): V  
 Ion 156.85 (156.55 to 157.55): V

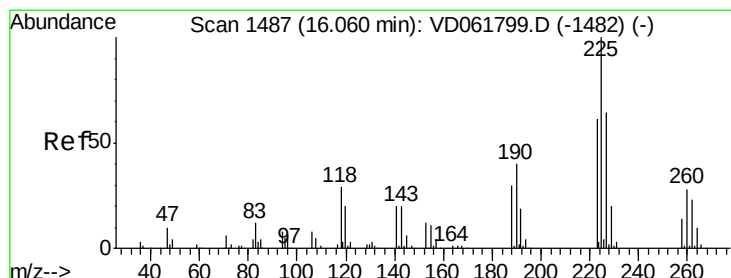
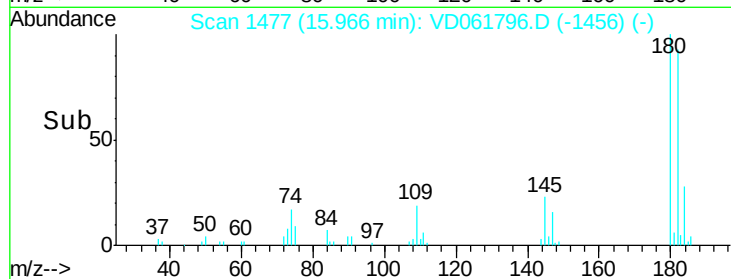
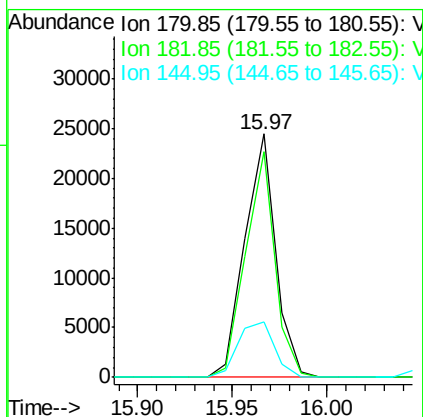
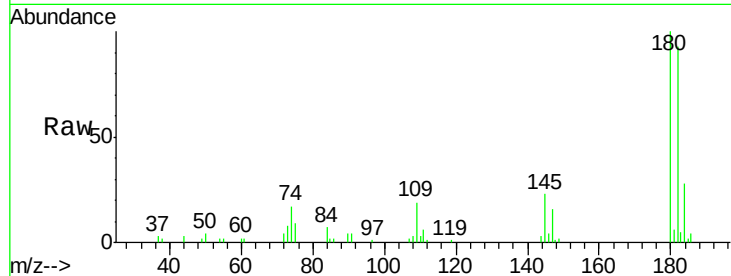




#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.525 ug/l  
 RT: 15.97 min Scan# 1477  
 Delta R.T. 0.00 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

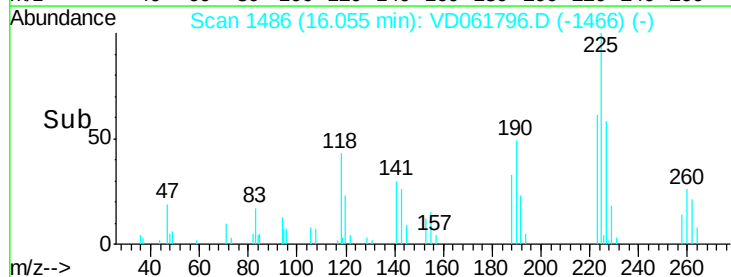
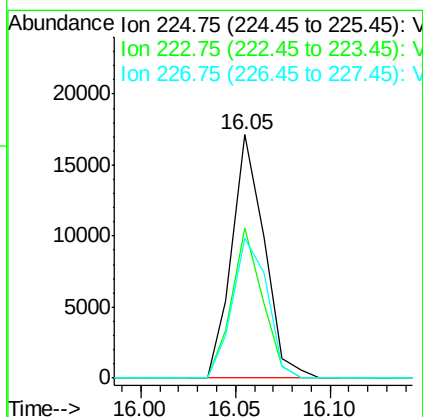
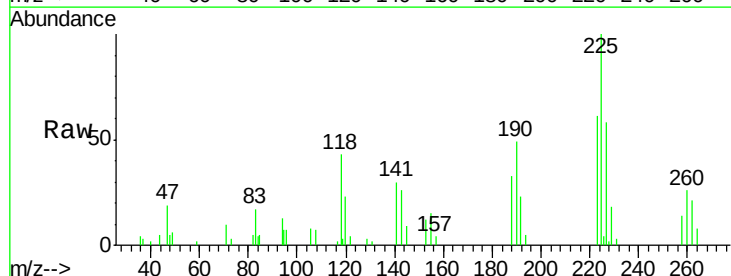
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

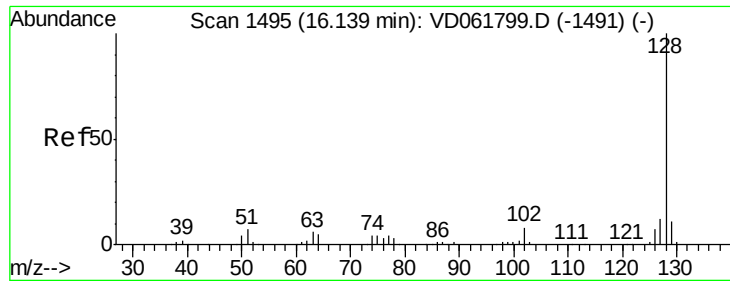
Tot Ion:180 Resp: 27667  
 Ion Ratio Lower Upper  
 180 100  
 182 92.7 49.3 147.8  
 145 22.6 16.2 48.6



#94  
 Hexachlorobutadiene  
 Concen: 4.591 ug/l  
 RT: 16.05 min Scan# 1486  
 Delta R.T. -0.01 min  
 Lab File: VD061796.D  
 Acq: 15 Apr 2019 12:46

Tgt Ion:225 Resp: 20339  
 Ion Ratio Lower Upper  
 225 100  
 223 61.5 30.6 92.0  
 227 57.6 32.0 96.2

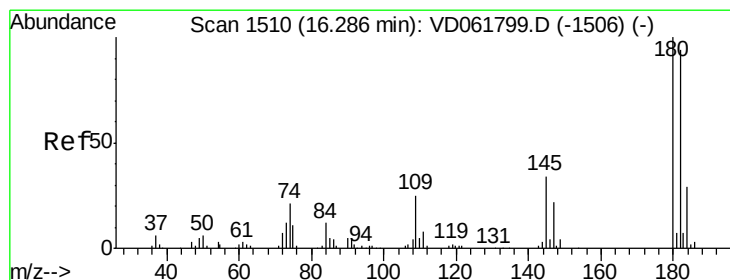
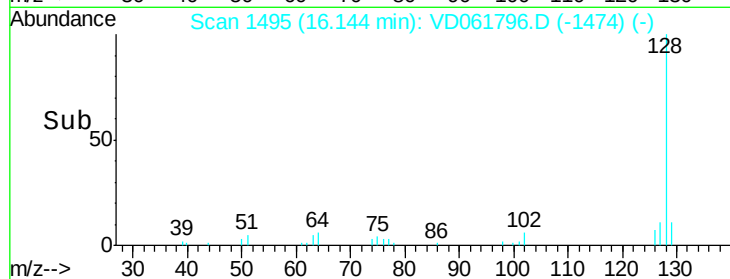
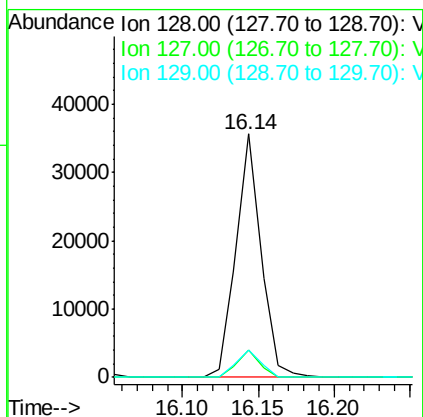
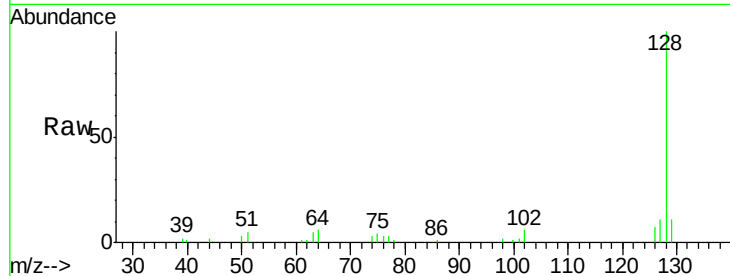




#95  
Naphthalene  
Concen: 4.384 ug/l  
RT: 16.14 min Scan# 1495  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tot Ion:128 Resp: 41081  
Ion Ratio Lower Upper  
128 100  
127 11.4 9.8 14.8  
129 11.1 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 4.775 ug/l  
RT: 16.29 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VD061796.D  
Acq: 15 Apr 2019 12:46

Tgt Ion:180 Resp: 16637  
Ion Ratio Lower Upper  
180 100  
182 105.4 47.0 141.0  
145 31.5 17.0 51.0

