

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031822\  
 Data File : VD072307.D  
 Acq On : 18 Mar 2022 23:52  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 19 05:30:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 14 05:18:06 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 321030   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 537073   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 506926   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 254288   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 207813   | 58.086   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 116.180% |      |
| 35) Dibromofluoromethane    | 7.908  | 113   | 202093   | 53.472   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 106.940% |      |
| 50) Toluene-d8              | 10.332 | 98    | 724841   | 52.451   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 104.900% |      |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 279723   | 52.094   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 104.180% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 121192  | 40.815  | ug/l   | 97  |
| 3) Chloromethane             | 2.209 | 50  | 138944  | 52.659  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.344 | 62  | 130966  | 51.421  | ug/l   | 98  |
| 5) Bromomethane              | 2.762 | 94  | 93737   | 56.519  | ug/l   | 95  |
| 6) Chloroethane              | 2.920 | 64  | 91458   | 54.312  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.273 | 101 | 255366  | 44.398  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.709 | 74  | 82851   | 52.155  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.097 | 101 | 159714  | 43.549  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.297 | 142 | 123960  | 38.274  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 5.226 | 59  | 51527   | 248.396 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.067 | 96  | 136448  | 46.246  | ug/l   | 97  |
| 13) Acrolein                 | 3.920 | 56  | 45173   | 244.043 | ug/l   | 97  |
| 14) Allyl chloride           | 4.709 | 41  | 258132  | 50.038  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.414 | 53  | 224999  | 280.706 | ug/l   | 98  |
| 16) Acetone                  | 4.156 | 43  | 165668  | 213.272 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.409 | 76  | 325949  | 47.446  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.714 | 43  | 106150  | 55.763  | ug/l   | 93  |
| 19) Methyl tert-butyl Ether  | 5.473 | 73  | 426194  | 53.145  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.961 | 84  | 210827  | 55.548  | ug/l   | 90  |
| 21) trans-1,2-Dichloroethene | 5.467 | 96  | 167451  | 51.311  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.361 | 45  | 641256  | 54.498  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.303 | 43  | 1696100 | 282.446 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 6.261 | 63  | 355321  | 51.204  | ug/l   | 99  |
| 25) 2-Butanone               | 7.208 | 43  | 272129  | 262.747 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 7.208 | 77  | 263955  | 42.157  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.208 | 96  | 213986  | 51.360  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.544 | 49  | 171018  | 61.217  | ug/l   | 87  |
| 29) Tetrahydrofuran          | 7.561 | 42  | 179711  | 295.088 | ug/l   | 96  |
| 30) Chloroform               | 7.703 | 83  | 379769  | 51.371  | ug/l   | 97  |
| 31) Cyclohexane              | 7.979 | 56  | 249687  | 44.670  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 7.897 | 97  | 310812  | 47.337  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.108 | 75  | 244459  | 46.107  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.291 | 43  | 125333  | 53.964  | ug/l # | 96  |
| 38) Carbon Tetrachloride     | 8.091 | 117 | 259675  | 43.086  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.349 | 83  | 263439  | 44.154  | ug/l   | 97  |
| 40) Benzene                  | 8.350 | 78  | 753214  | 49.796  | ug/l   | 98  |

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 Sample : VSTDCCC050  
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 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 19 05:30:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 14 05:18:06 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 74002    | 54.666   | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 239232   | 52.137   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 244142   | 54.159   | ug/l   | 97       |
| 44) Trichloroethene           | 9.108  | 130  | 196888   | 46.366   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 206200   | 49.706   | ug/l   | 96       |
| 46) Dibromomethane            | 9.473  | 93   | 108835   | 53.335   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.655  | 83   | 292842   | 49.227   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.449  | 41   | 111904   | 51.989   | ug/l # | 84       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 24725    | 1010.407 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 666050   | 281.313  | ug/l   | 96       |
| 52) Toluene                   | 10.396 | 92   | 486010   | 48.829   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 267888   | 49.288   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 306679   | 48.810   | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 10.796 | 97   | 158061   | 50.847   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 197754   | 54.313   | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 275853   | 52.874   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 445336   | 272.026  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.979 | 43   | 448087   | 274.015  | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.132 | 129  | 200167   | 49.624   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 146058   | 51.998   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.873 | 164  | 157404   | 44.070   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.661 | 112  | 530633   | 47.216   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 208925   | 47.012   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.738 | 91   | 939770   | 46.820   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.843 | 106  | 713027   | 93.552   | ug/l   | 99       |
| 69) o-Xylene                  | 12.173 | 106  | 349049   | 47.878   | ug/l   | 99       |
| 70) Styrene                   | 12.185 | 104  | 622780   | 48.920   | ug/l   | 98       |
| 71) Bromoform                 | 12.355 | 173  | 117766   | 49.608   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 931985   | 46.250   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 230218   | 53.162   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 189012   | 52.445   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 230644   | 82.225   | ug/l # | 100      |
| 77) Bromobenzene              | 12.749 | 156  | 223248   | 49.222   | ug/l   | 91       |
| 78) n-propylbenzene           | 12.808 | 91   | 1128582  | 46.109   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 670128   | 47.347   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 794399   | 45.888   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 54294    | 48.024   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 686334   | 46.833   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 692400   | 45.620   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 781714   | 45.828   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 1010289  | 44.325   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 832497   | 44.387   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 429398   | 45.174   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 428639   | 45.475   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.832 | 91   | 764195   | 42.747   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 165806   | 45.106   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 394722   | 47.629   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.485 | 75   | 30800    | 53.550   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 237156   | 43.223   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 130354   | 40.842   | ug/l   | 98       |
| 95) Naphthalene               | 15.384 | 128  | 470328   | 49.727   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 216203   | 45.523   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Quant Time: Mar 19 05:30:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 14 05:18:06 2022  
Response via : Initial Calibration

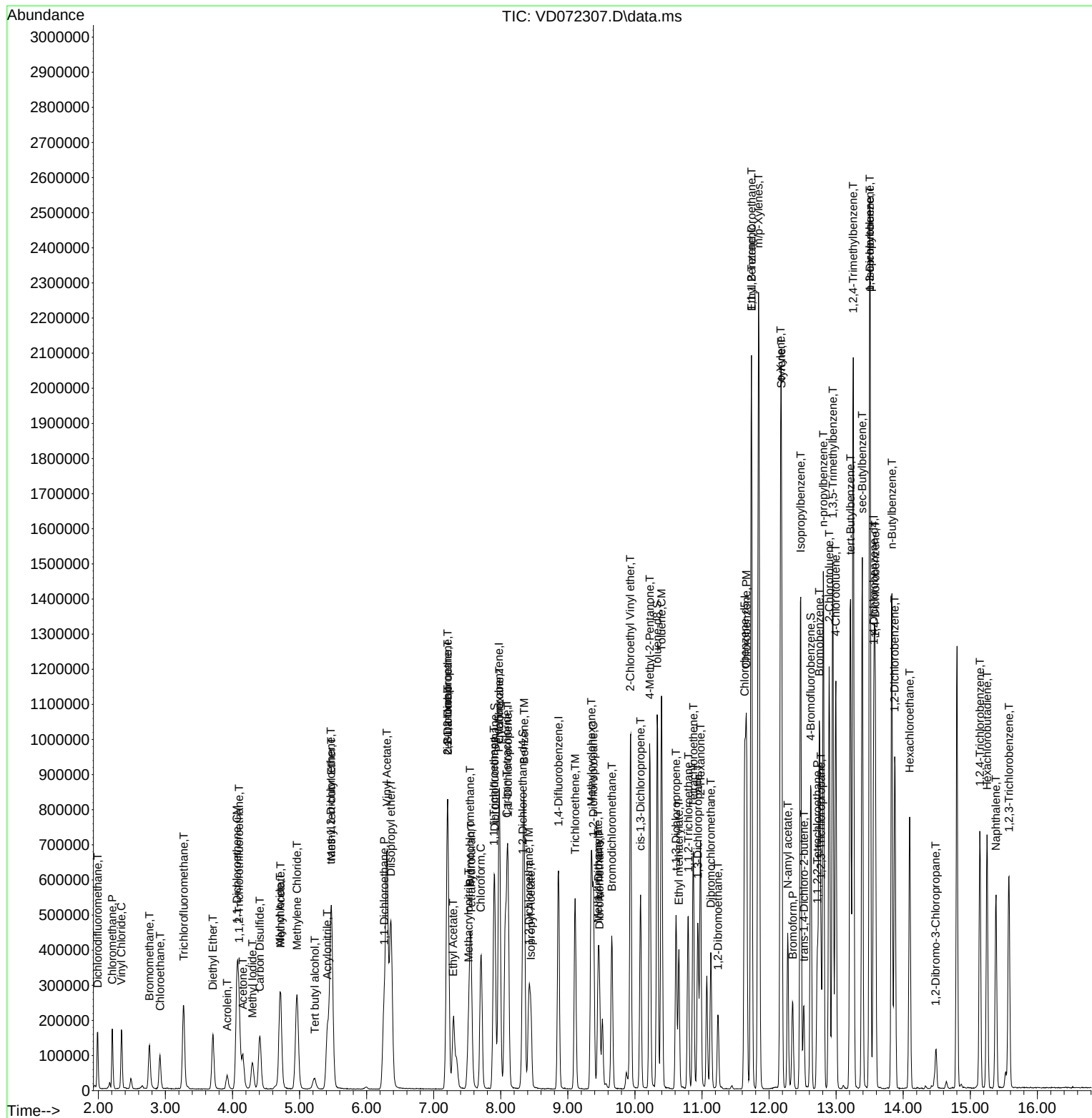
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

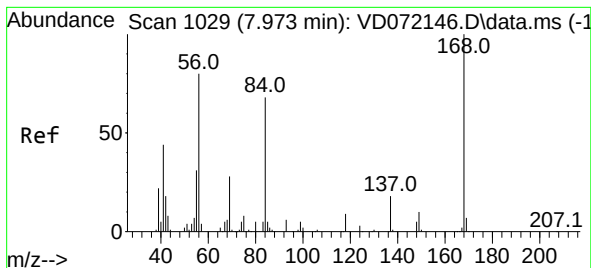
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 QLast Update : Mon Mar 14 05:18:06 2022  
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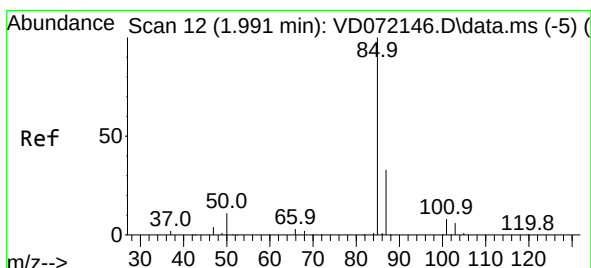
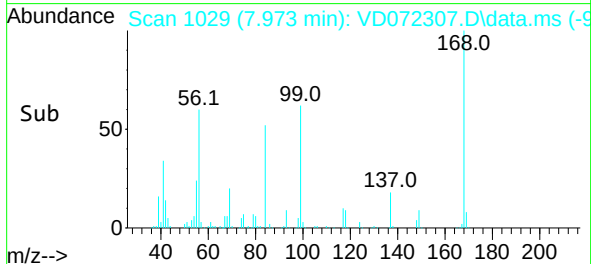
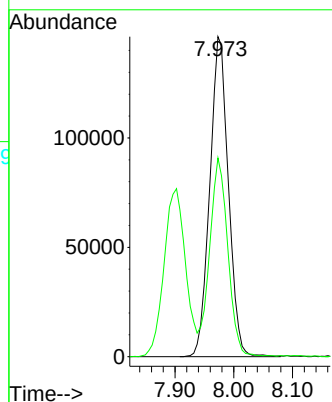
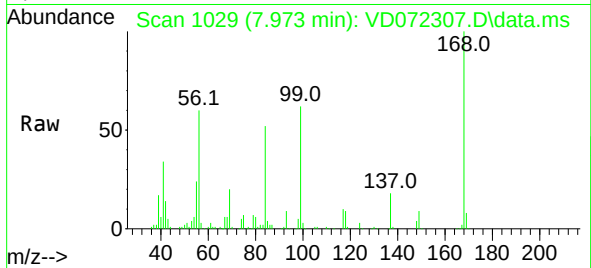




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

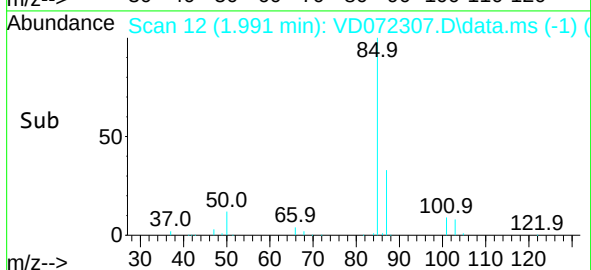
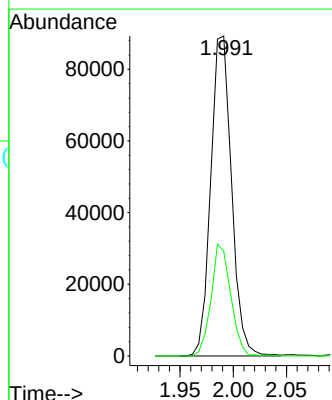
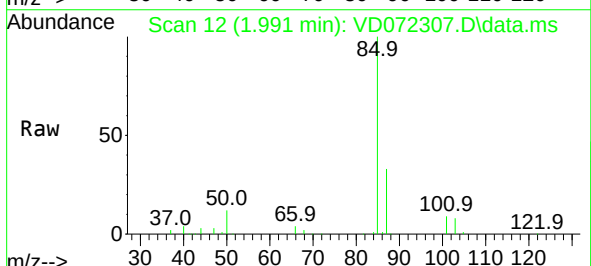
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

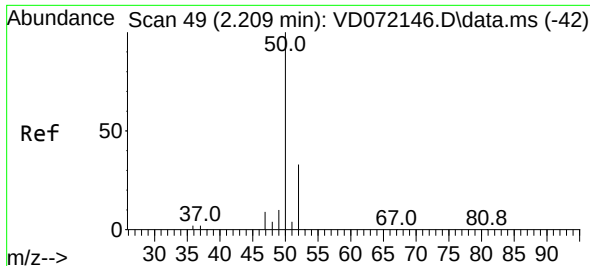
Tgt Ion:168 Resp: 321030  
Ion Ratio Lower Upper  
168 100  
99 61.8 49.8 74.6



#2  
Dichlorodifluoromethane  
Concen: 40.815 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 85 Resp: 121192  
Ion Ratio Lower Upper  
85 100  
87 32.8 15.7 47.0

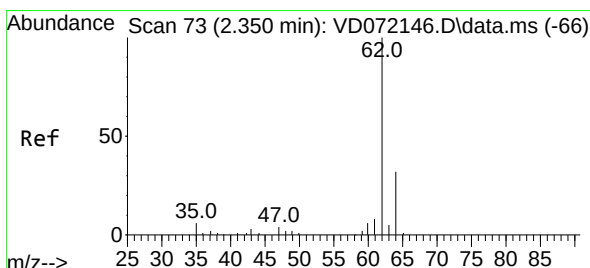
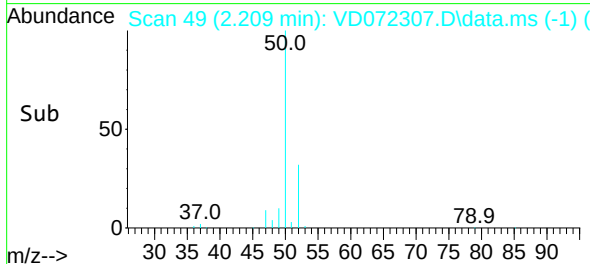
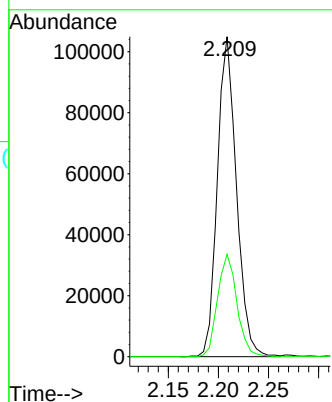
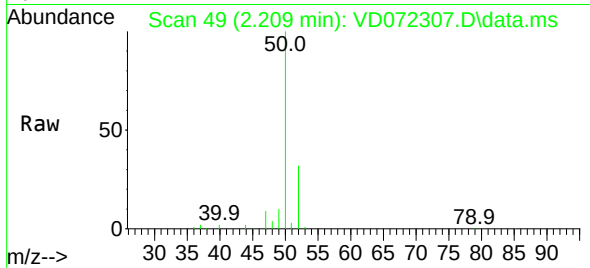




#3  
Chloromethane  
Concen: 52.659 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

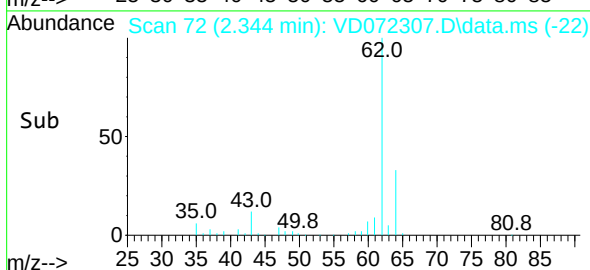
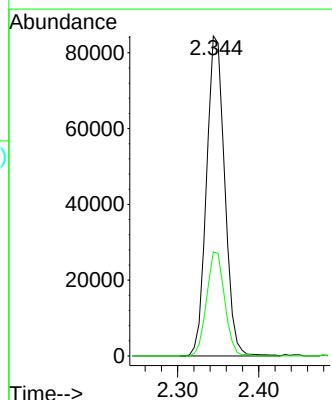
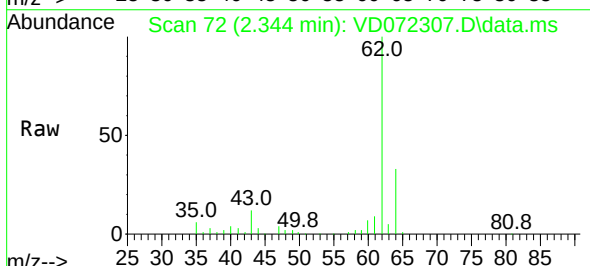
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

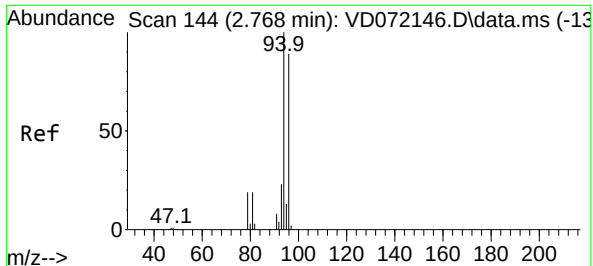
Tgt Ion: 50 Resp: 138944  
Ion Ratio Lower Upper  
50 100  
52 32.0 27.4 41.0



#4  
Vinyl Chloride  
Concen: 51.421 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 62 Resp: 130966  
Ion Ratio Lower Upper  
62 100  
64 32.6 25.4 38.0

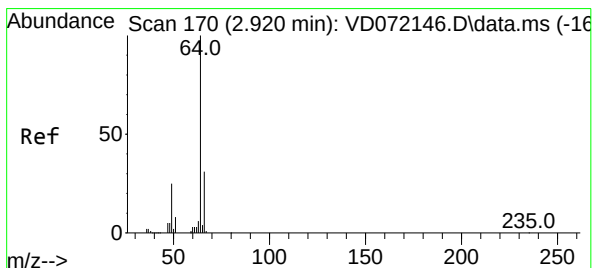
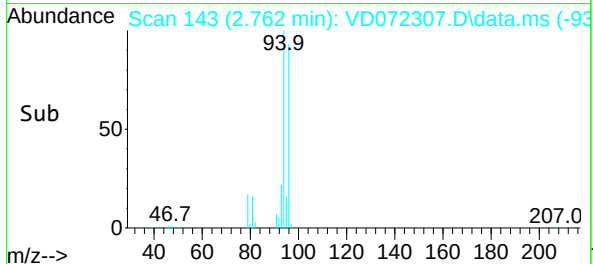
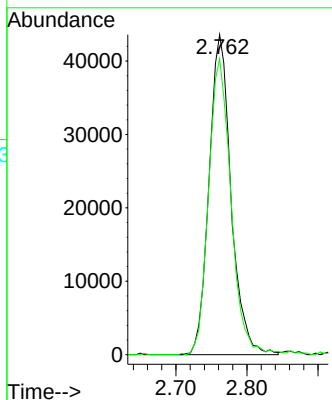
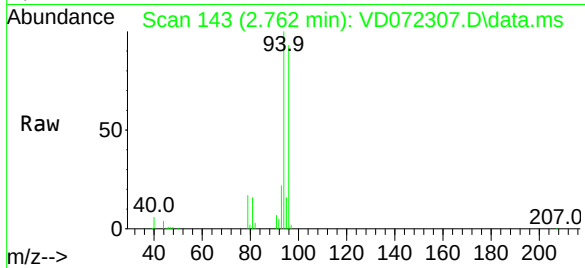




#5  
Bromomethane  
Concen: 56.519 ug/l  
RT: 2.762 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

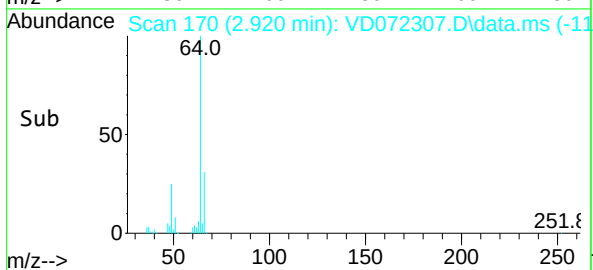
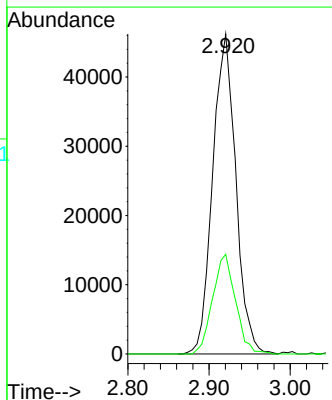
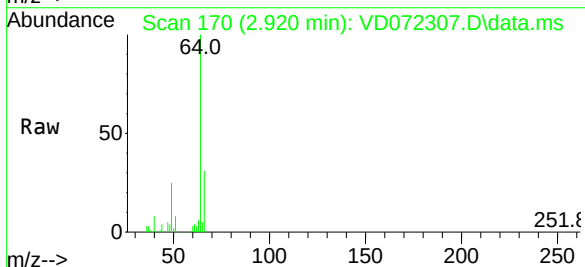
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

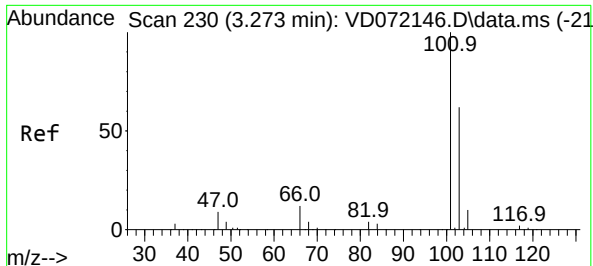
Tgt Ion: 94 Resp: 93737  
Ion Ratio Lower Upper  
94 100  
96 92.5 77.6 116.4



#6  
Chloroethane  
Concen: 54.312 ug/l  
RT: 2.920 min Scan# 170  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 64 Resp: 91458  
Ion Ratio Lower Upper  
64 100  
66 31.2 25.9 38.9

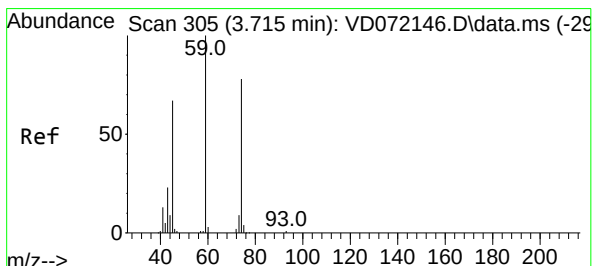
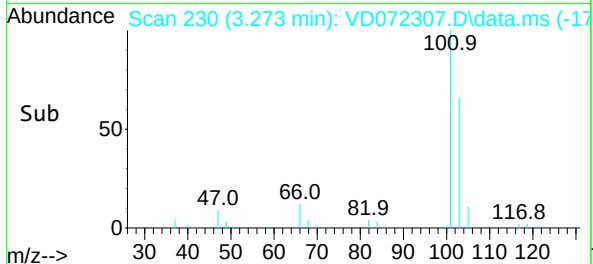
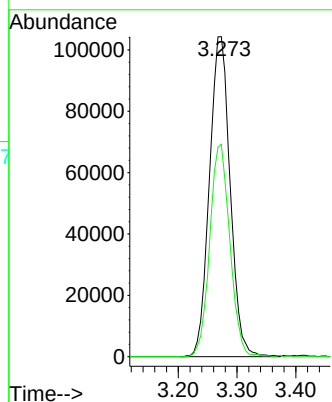
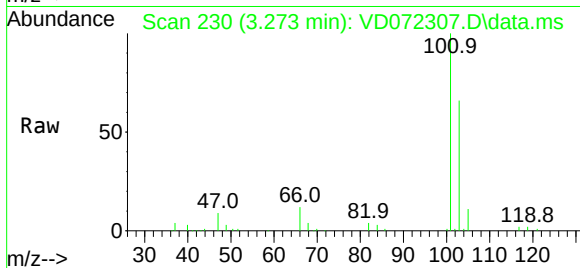




#7  
Trichlorofluoromethane  
Concen: 44.398 ug/l  
RT: 3.273 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

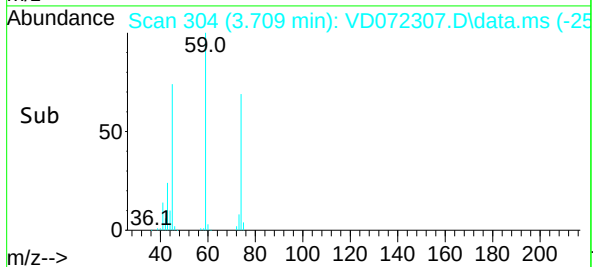
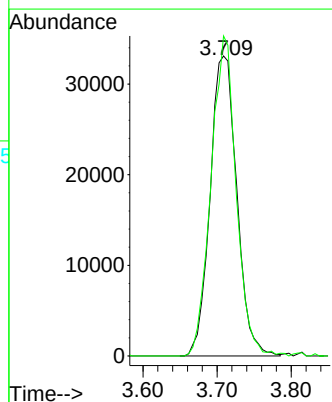
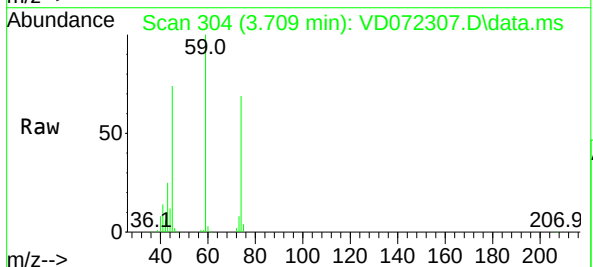
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 255366  
Ion Ratio Lower Upper  
101 100  
103 66.3 50.1 75.1

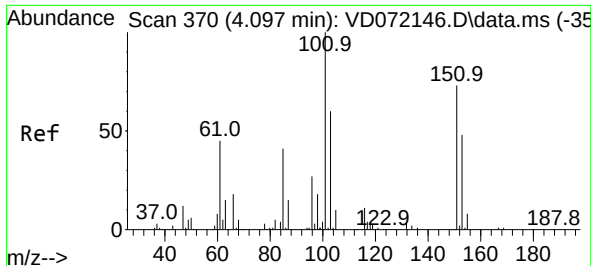


#8  
Diethyl Ether  
Concen: 52.155 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 74 Resp: 82851  
Ion Ratio Lower Upper  
74 100  
45 100.7 52.6 157.8



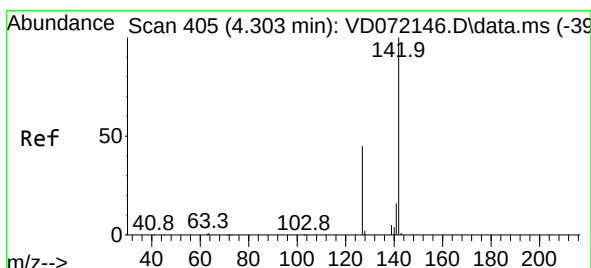
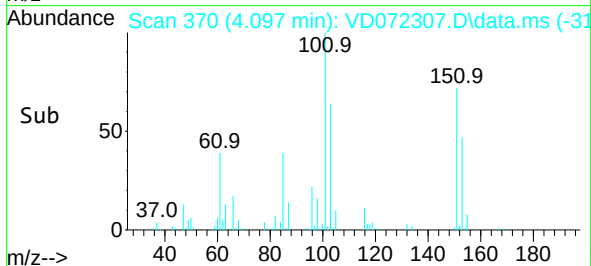
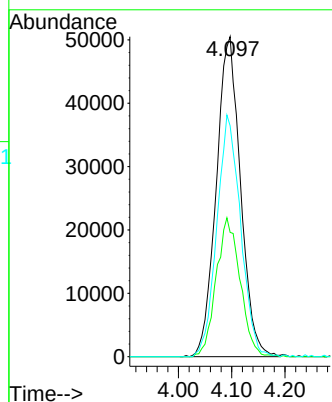
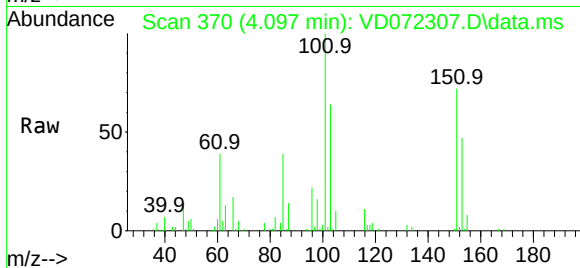




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 43.549 ug/l  
RT: 4.097 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

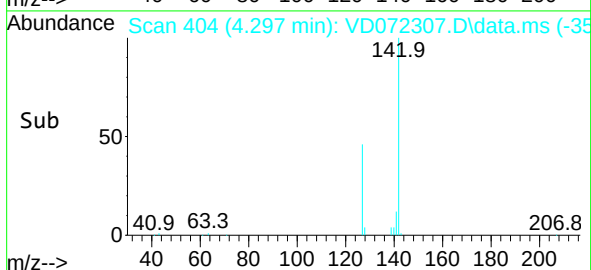
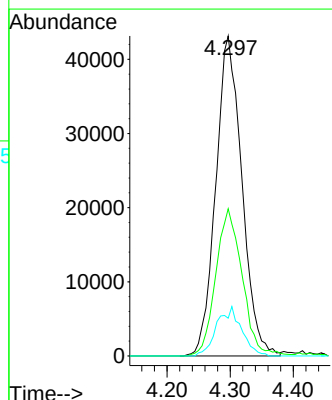
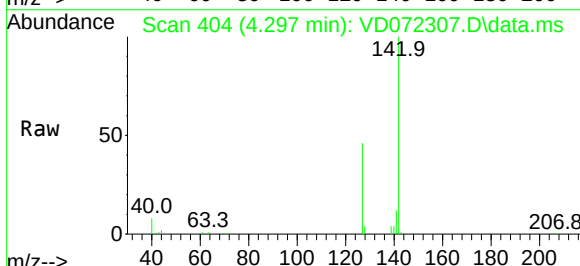
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

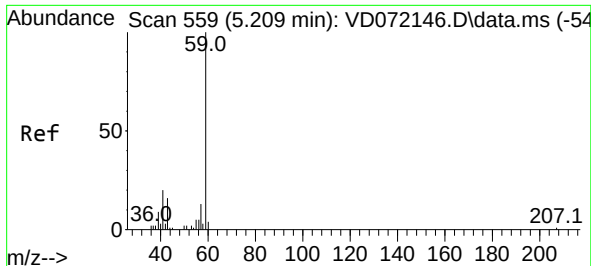
Tgt Ion:101 Resp: 159714  
Ion Ratio Lower Upper  
101 100  
85 42.8 36.4 54.6  
151 74.0 57.3 85.9



#10  
Methyl Iodide  
Concen: 38.274 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion:142 Resp: 123960  
Ion Ratio Lower Upper  
142 100  
127 46.4 37.3 55.9  
141 14.6 11.7 17.5

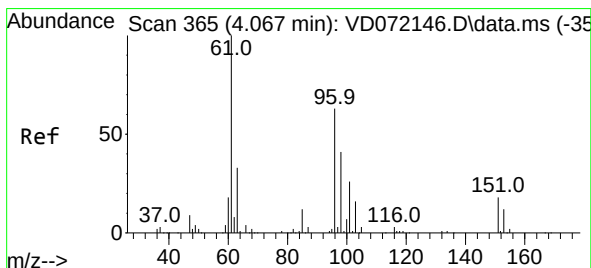
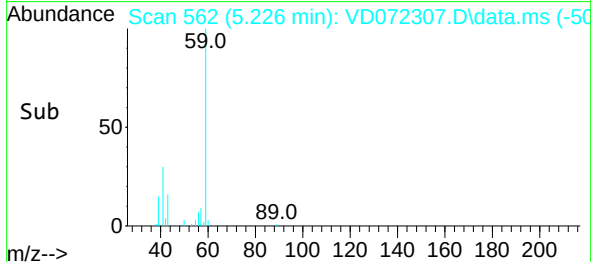
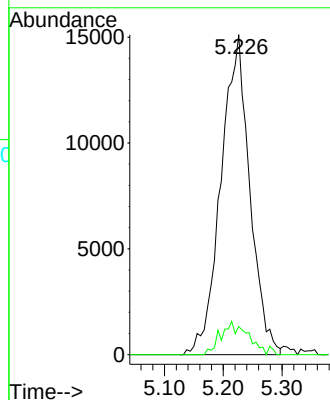
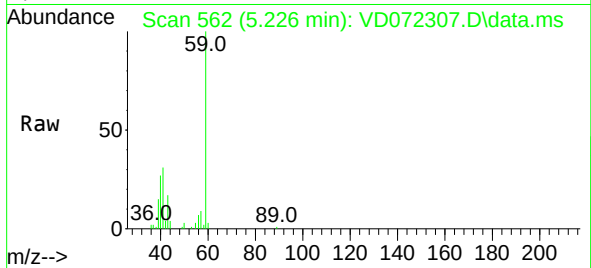




#11  
Tert butyl alcohol  
Concen: 248.396 ug/l  
RT: 5.226 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

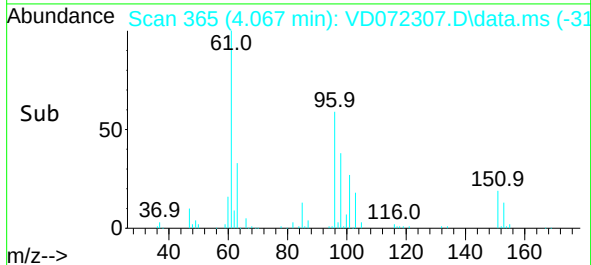
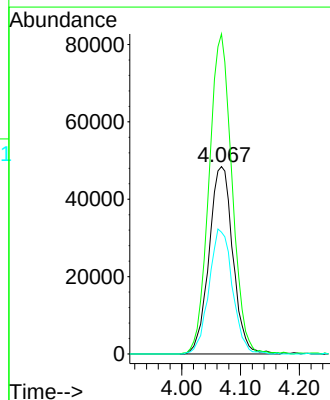
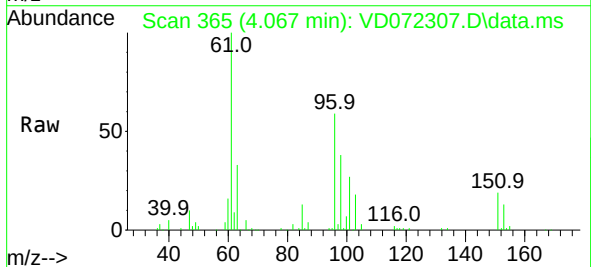
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

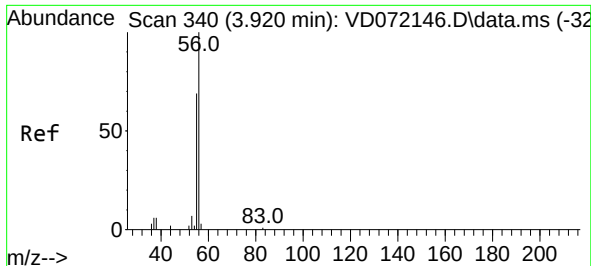
Tgt Ion: 59 Resp: 51527  
Ion Ratio Lower Upper  
59 100  
57 9.6 7.8 11.6



#12  
1,1-Dichloroethene  
Concen: 46.246 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 96 Resp: 136448  
Ion Ratio Lower Upper  
96 100  
61 170.8 138.5 207.7  
98 65.0 48.6 73.0

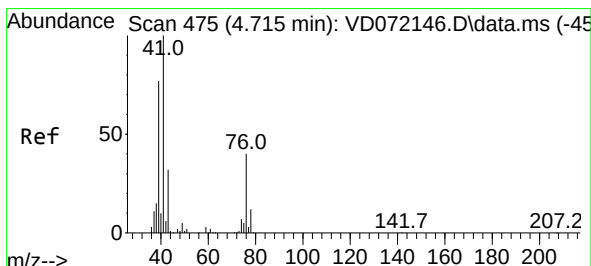
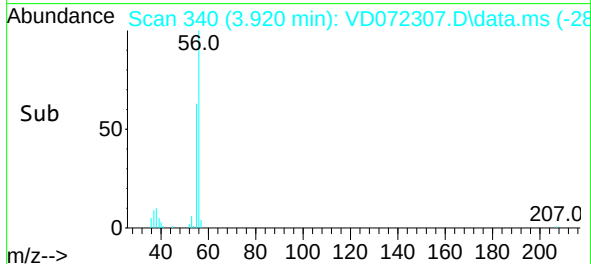
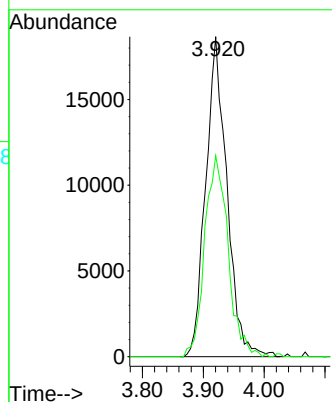
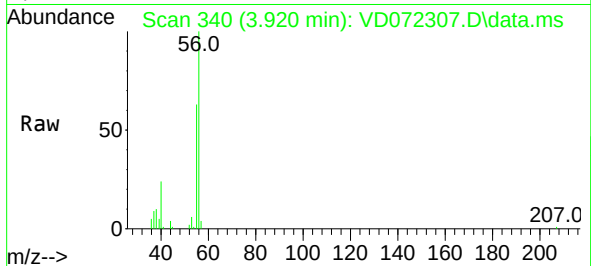




#13  
Acrolein  
Concen: 244.043 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

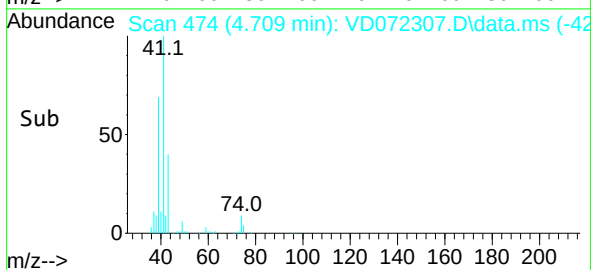
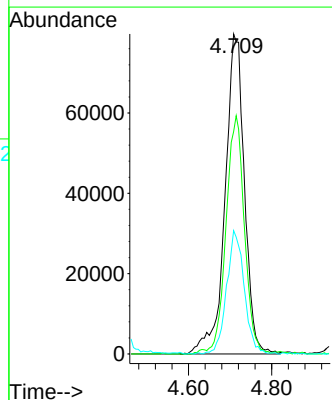
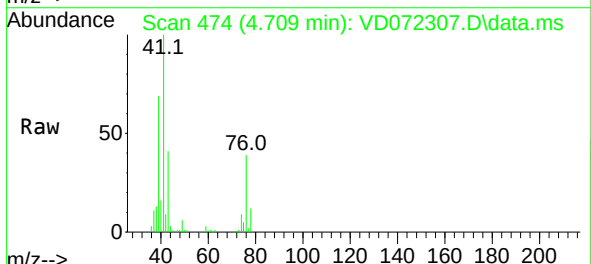
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

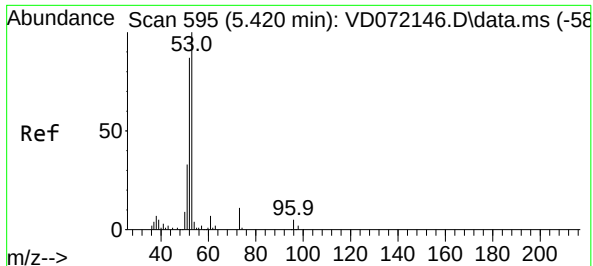
Tgt Ion: 56 Resp: 45173  
Ion Ratio Lower Upper  
56 100  
55 69.0 57.1 85.7



#14  
Allyl chloride  
Concen: 50.038 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 41 Resp: 258132  
Ion Ratio Lower Upper  
41 100  
39 70.8 59.3 88.9  
76 35.0 25.7 38.5

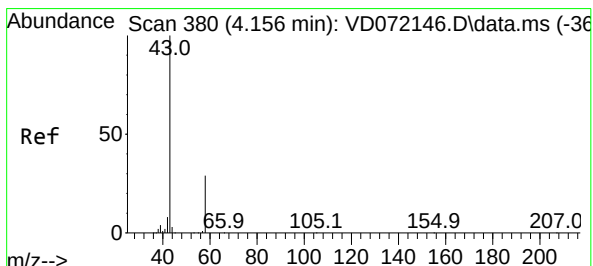
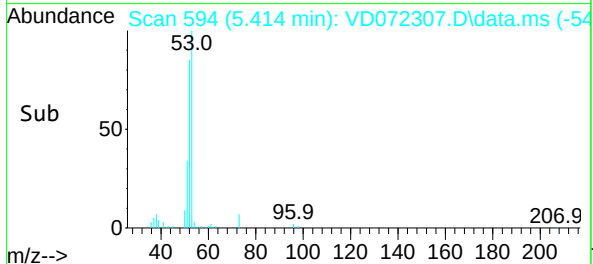
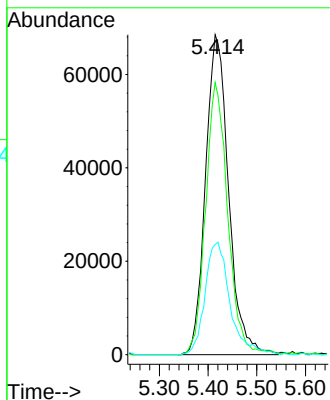
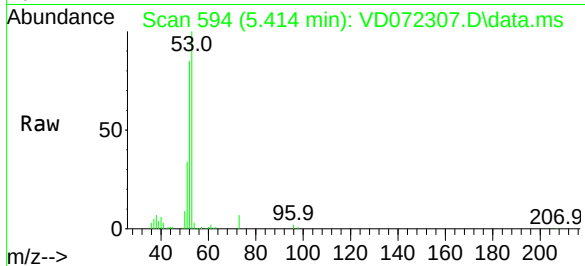




#15  
Acrylonitrile  
Concen: 280.706 ug/l  
RT: 5.414 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

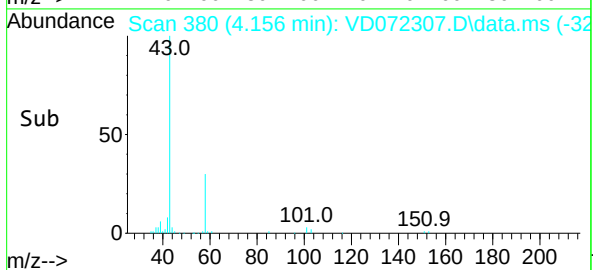
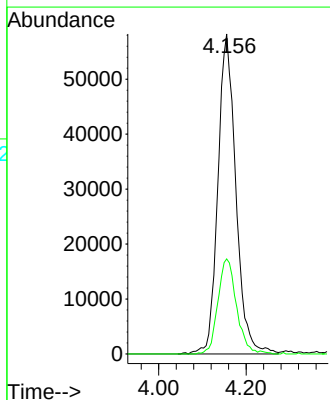
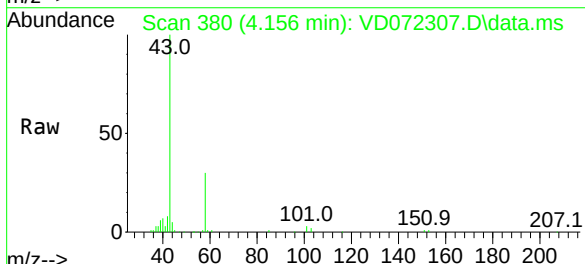
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

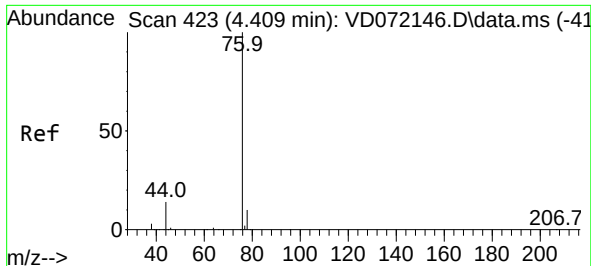
Tgt Ion: 53 Resp: 224999  
Ion Ratio Lower Upper  
53 100  
52 81.7 67.2 100.8  
51 38.1 30.3 45.5



#16  
Acetone  
Concen: 213.272 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 43 Resp: 165668  
Ion Ratio Lower Upper  
43 100  
58 29.7 22.1 33.1

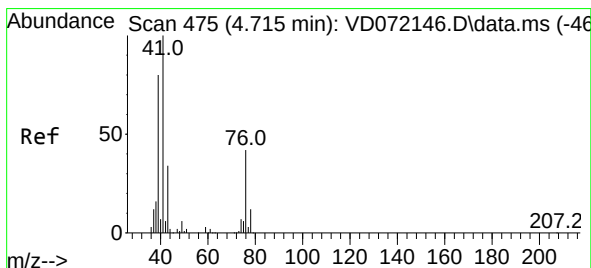
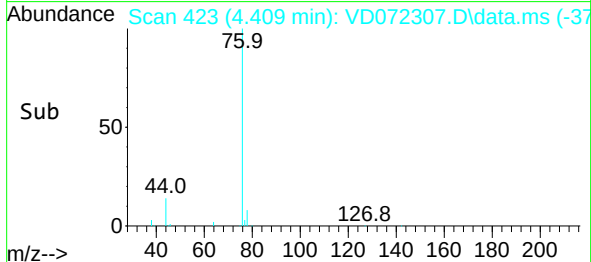
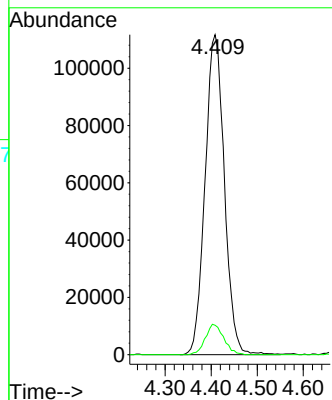
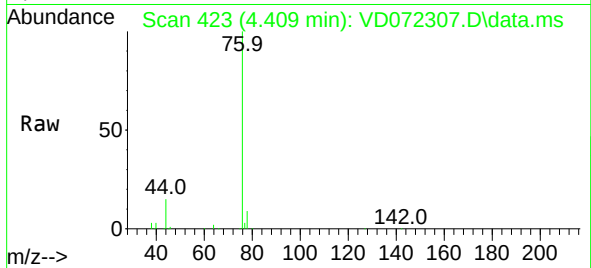




#17  
Carbon Disulfide  
Concen: 47.446 ug/l  
RT: 4.409 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

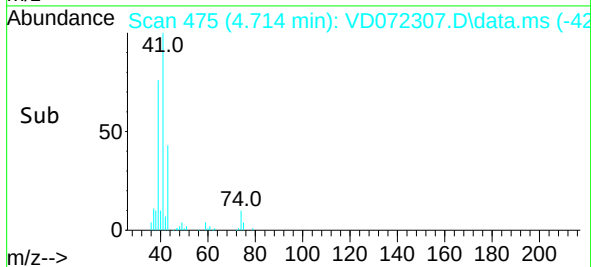
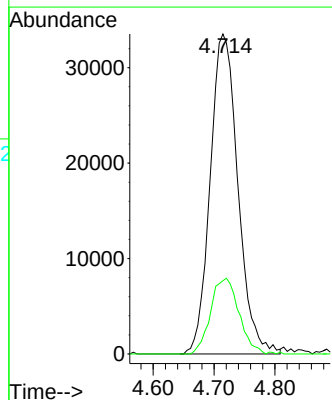
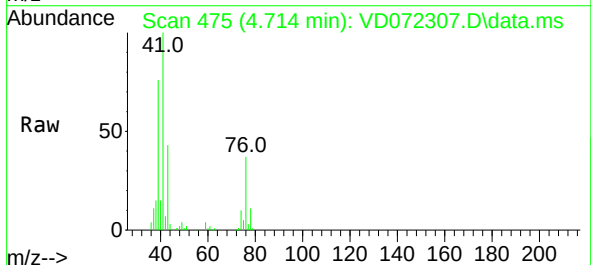
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

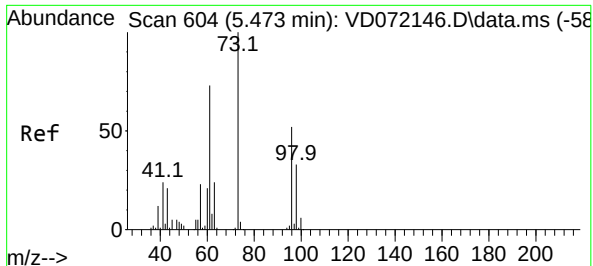
Tgt Ion: 76 Resp: 325949  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.5 11.3



#18  
Methyl Acetate  
Concen: 55.763 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 43 Resp: 106150  
Ion Ratio Lower Upper  
43 100  
74 24.1 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 53.145 ug/l

RT: 5.473 min Scan# 604

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

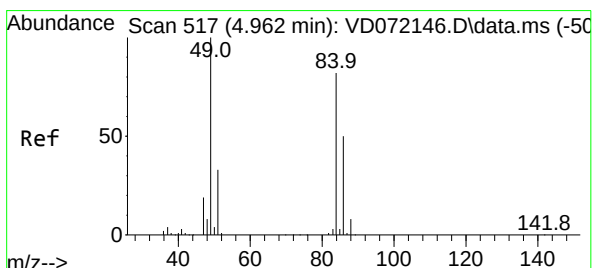
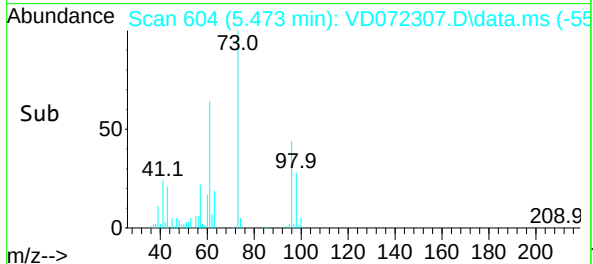
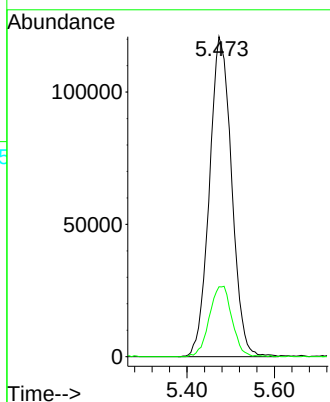
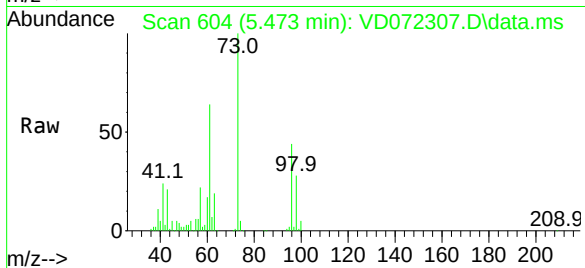
VSTDCCC050

Tgt Ion: 73 Resp: 426194

Ion Ratio Lower Upper

73 100

57 21.9 18.0 27.0



#20

Methylene Chloride

Concen: 55.548 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Tgt Ion: 84 Resp: 210827

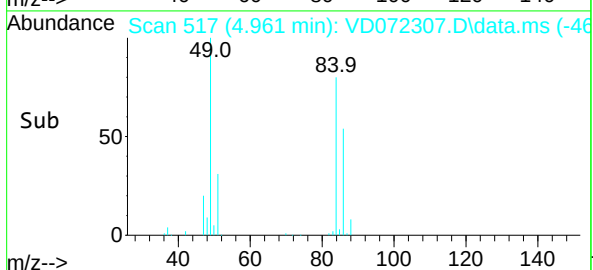
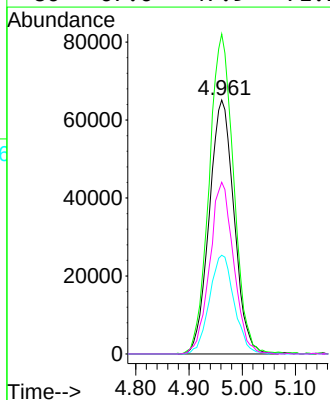
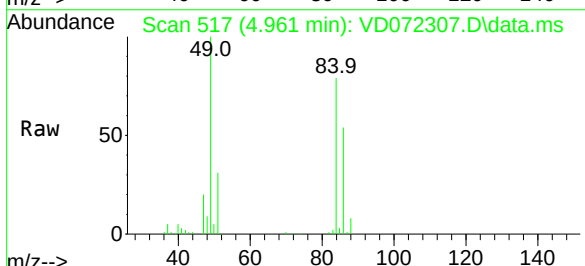
Ion Ratio Lower Upper

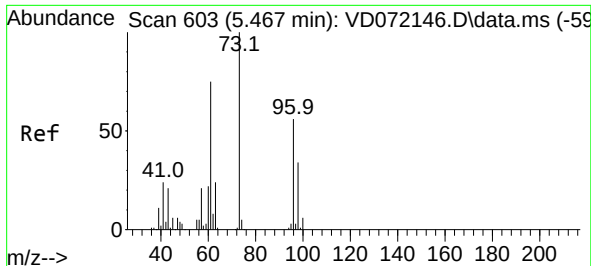
84 100

49 125.7 112.8 169.2

51 38.9 32.6 48.8

86 67.6 47.9 71.9

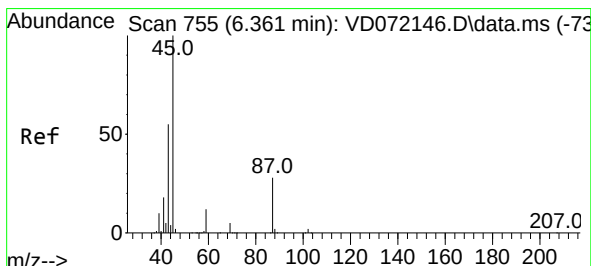
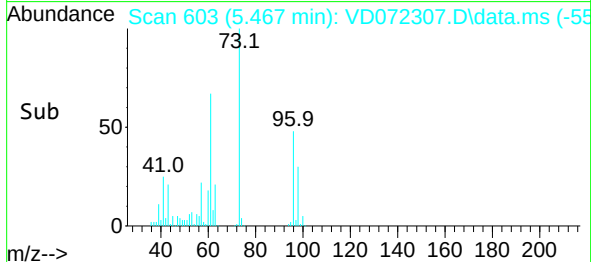
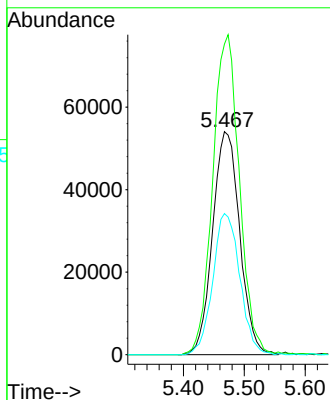
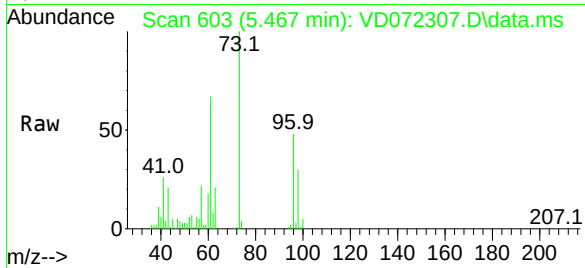




#21  
trans-1,2-Dichloroethene  
Concen: 51.311 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

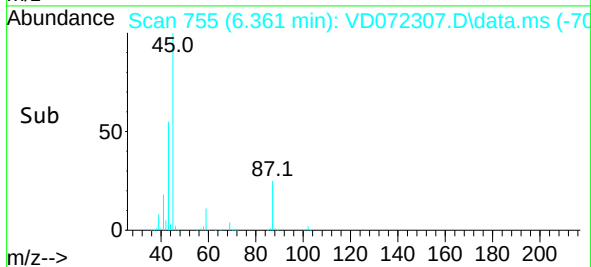
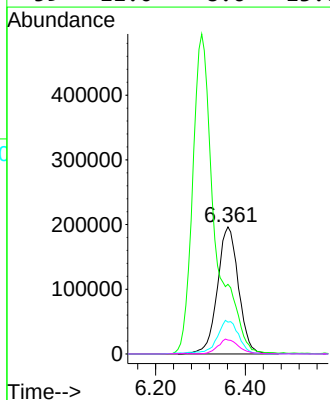
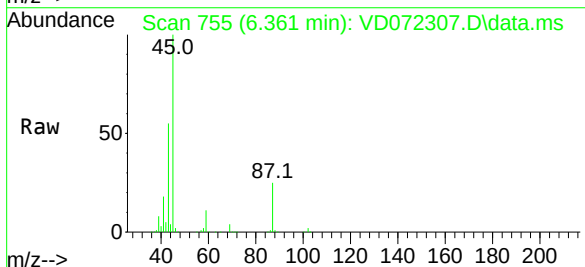
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

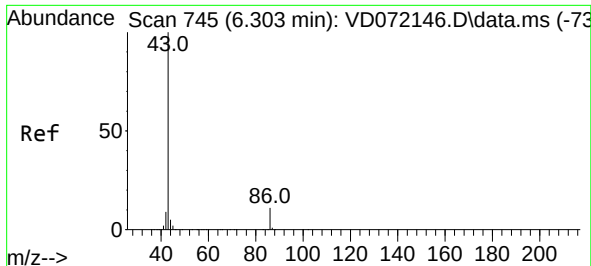
Tgt Ion: 96 Resp: 167451  
Ion Ratio Lower Upper  
96 100  
61 139.2 117.9 176.9  
98 63.2 49.4 74.2



#22  
Diisopropyl ether  
Concen: 54.498 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 45 Resp: 641256  
Ion Ratio Lower Upper  
45 100  
43 54.2 46.6 70.0  
87 25.0 18.4 27.6  
59 11.0 8.6 13.0

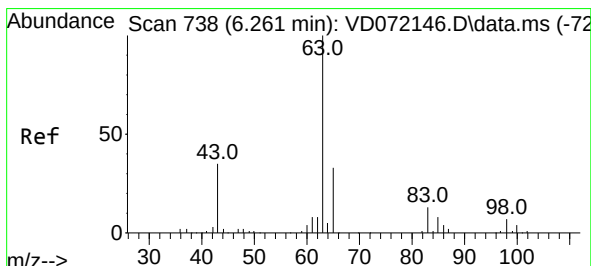
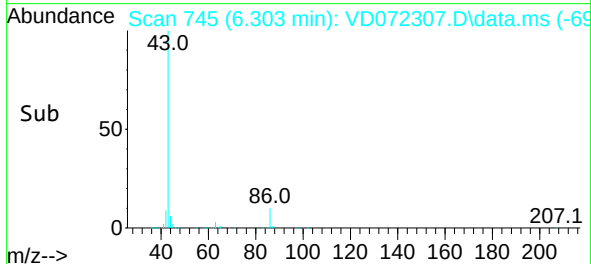
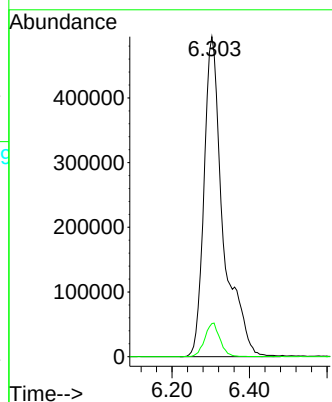
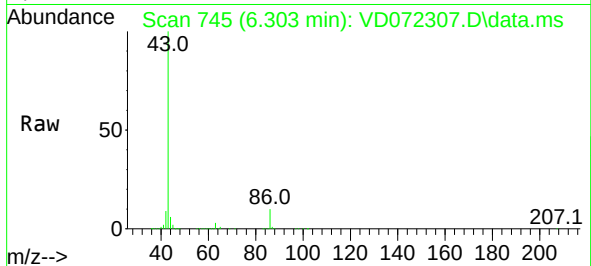




#23  
 Vinyl Acetate  
 Concen: 282.446 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD072307.D  
 Acq: 18 Mar 2022 23:52

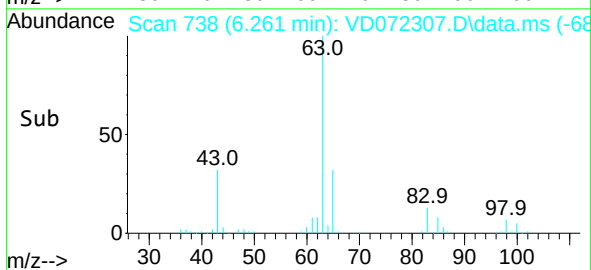
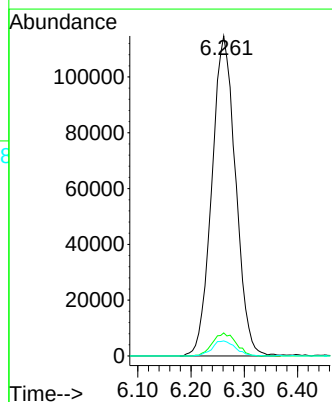
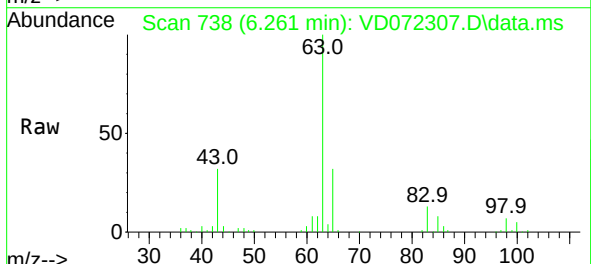
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 1696100  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 7.1 10.7

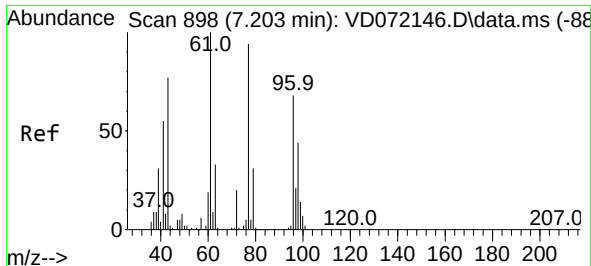


#24  
 1,1-Dichloroethane  
 Concen: 51.204 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.000 min  
 Lab File: VD072307.D  
 Acq: 18 Mar 2022 23:52

Tgt Ion: 63 Resp: 355321  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.6 10.9  
 100 4.7 2.1 6.5



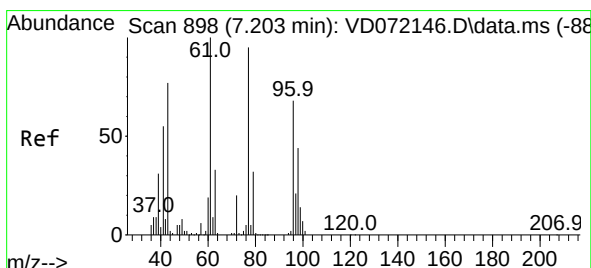
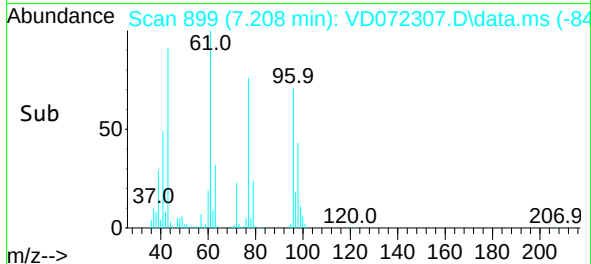
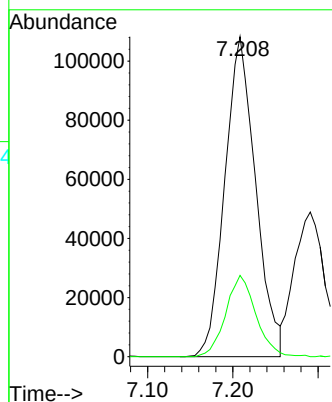
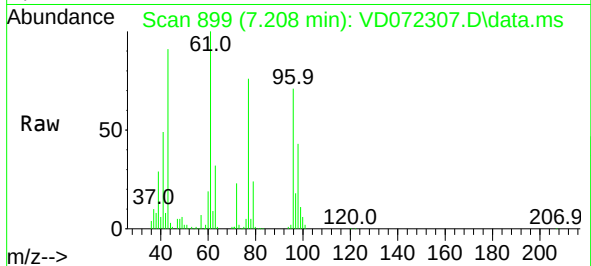




#25  
2-Butanone  
Concen: 262.747 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. 0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

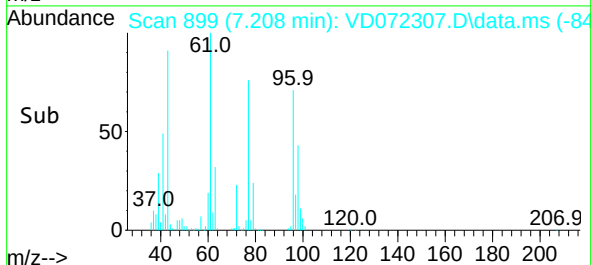
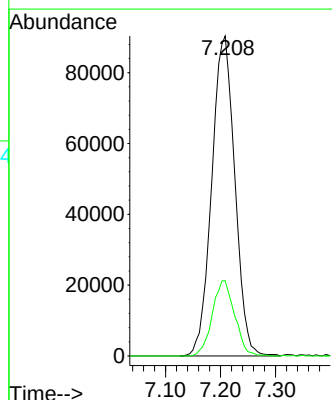
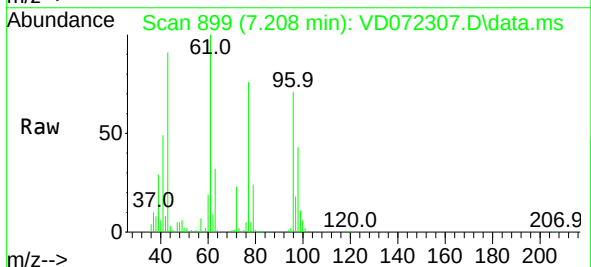
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

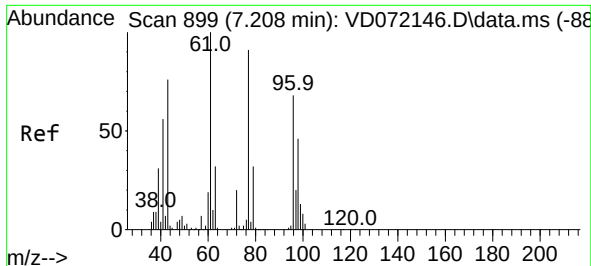
Tgt Ion: 43 Resp: 272129  
Ion Ratio Lower Upper  
43 100  
72 25.4 18.6 27.8



#26  
2,2-Dichloropropane  
Concen: 42.157 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. 0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 77 Resp: 263955  
Ion Ratio Lower Upper  
77 100  
97 22.8 10.8 32.4



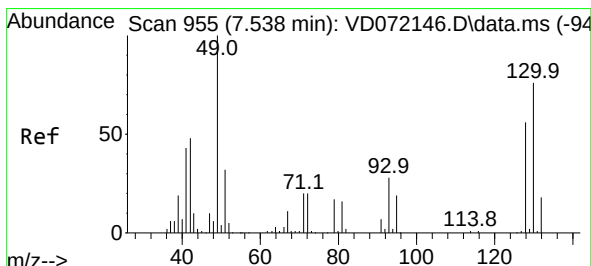
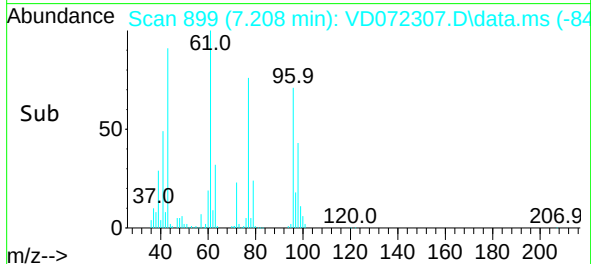
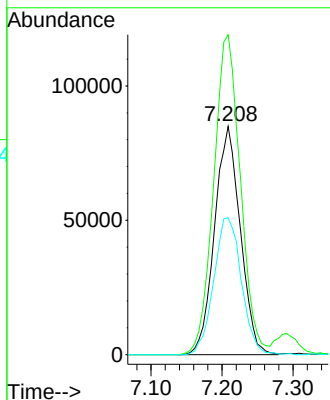
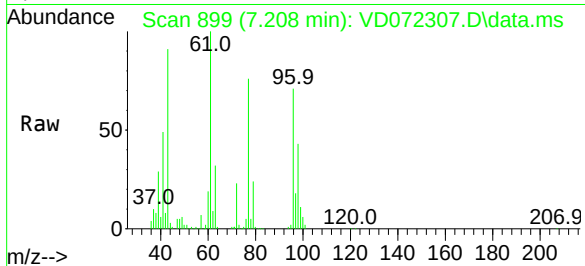


#27  
 cis-1,2-Dichloroethene  
 Concen: 51.360 ug/l  
 RT: 7.208 min Scan# 899  
 Delta R.T. -0.000 min  
 Lab File: VD072307.D  
 Acq: 18 Mar 2022 23:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 96 Resp: 213986  

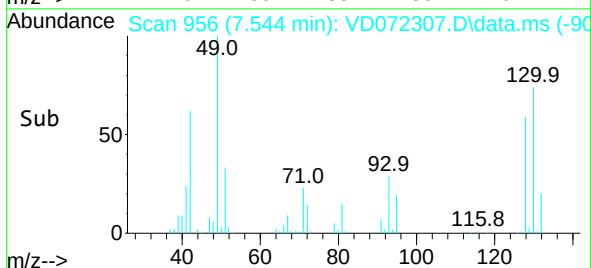
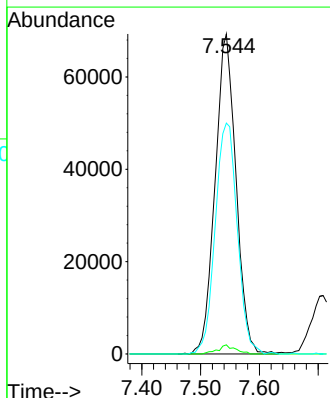
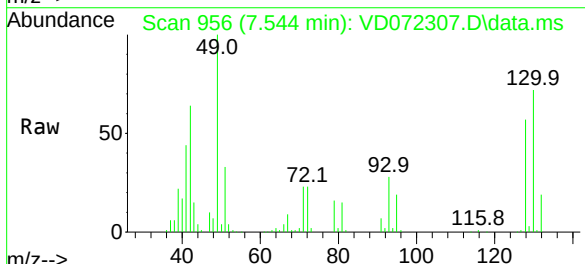
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 145.2 | 0.0   | 313.8 |
| 98  | 64.2  | 0.0   | 128.8 |

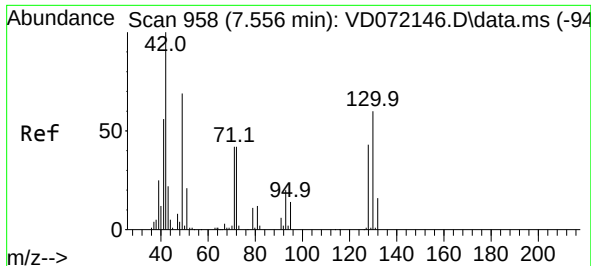


#28  
 Bromochloromethane  
 Concen: 61.217 ug/l  
 RT: 7.544 min Scan# 956  
 Delta R.T. 0.006 min  
 Lab File: VD072307.D  
 Acq: 18 Mar 2022 23:52

Tgt Ion: 49 Resp: 171018  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.3   | 0.0   | 4.0   |
| 130 | 76.3  | 52.6  | 79.0  |





#29

Tetrahydrofuran

Concen: 295.088 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

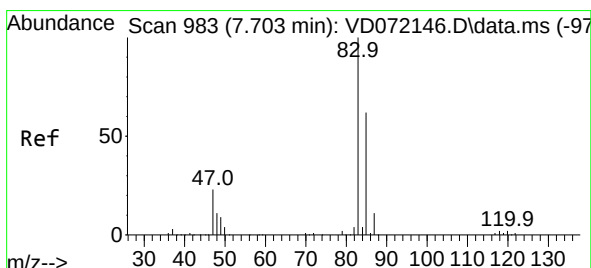
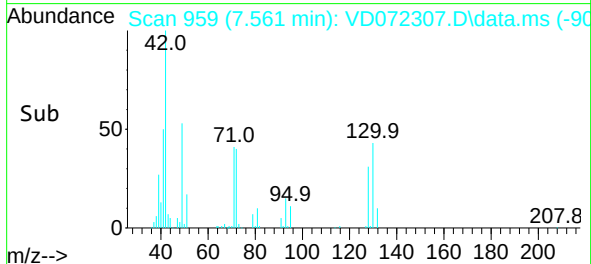
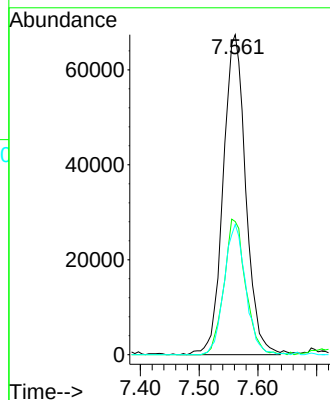
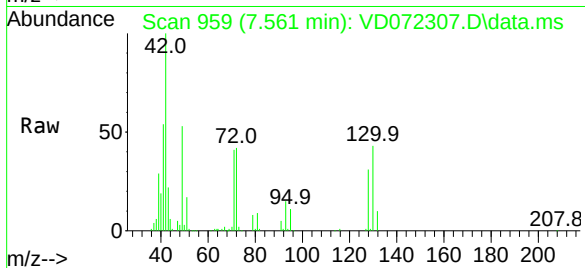
Tgt Ion: 42 Resp: 179711

Ion Ratio Lower Upper

42 100

72 40.5 30.7 46.1

71 39.1 28.6 43.0



#30

Chloroform

Concen: 51.371 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD072307.D

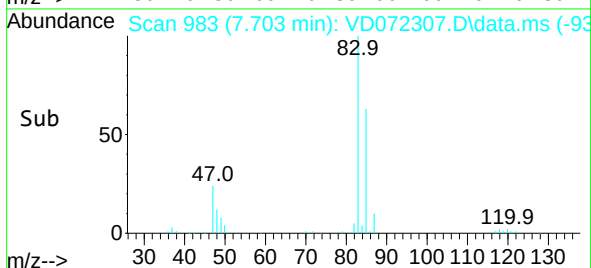
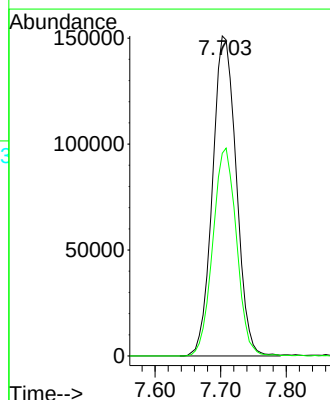
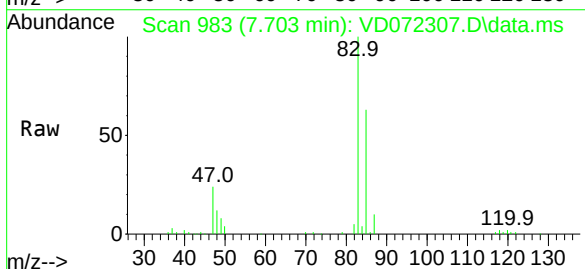
Acq: 18 Mar 2022 23:52

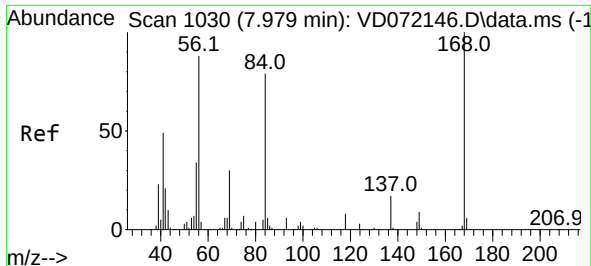
Tgt Ion: 83 Resp: 379769

Ion Ratio Lower Upper

83 100

85 63.4 52.7 79.1





#31

Cyclohexane

Concen: 44.670 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

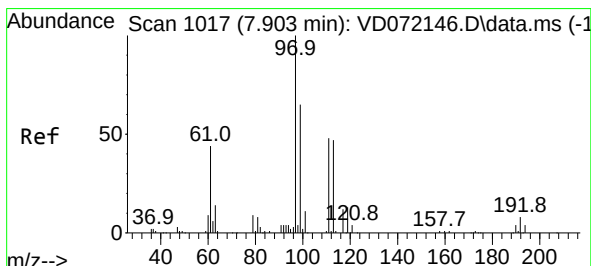
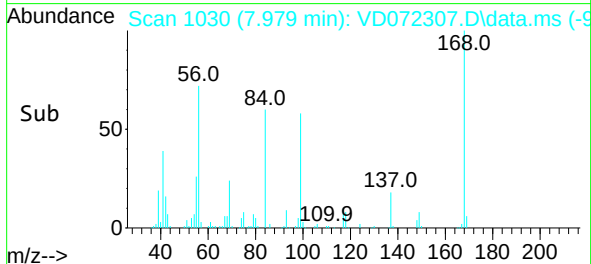
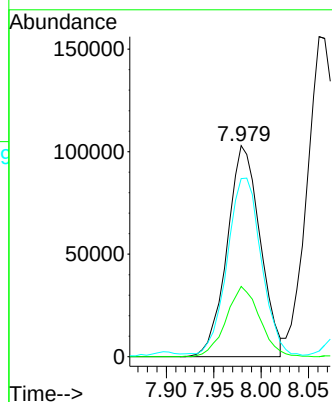
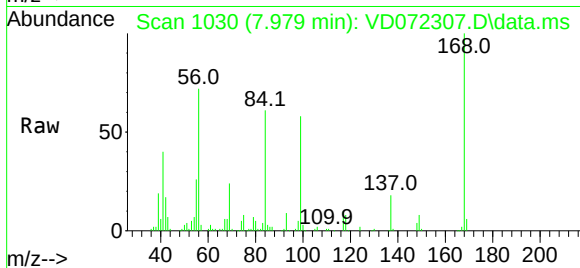
Tgt Ion: 56 Resp: 249687

Ion Ratio Lower Upper

56 100

69 33.3 25.4 38.2

84 83.1 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 47.337 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

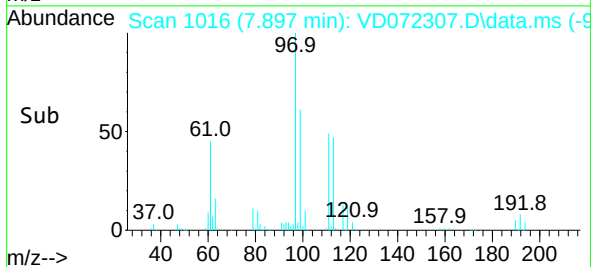
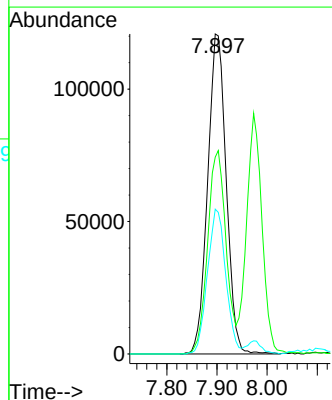
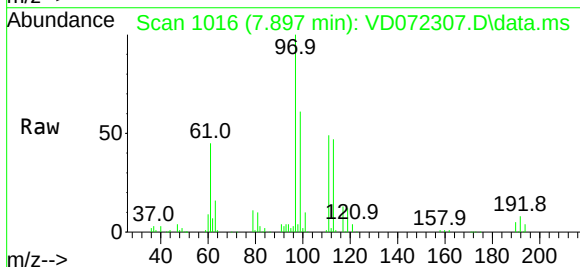
Tgt Ion: 97 Resp: 310812

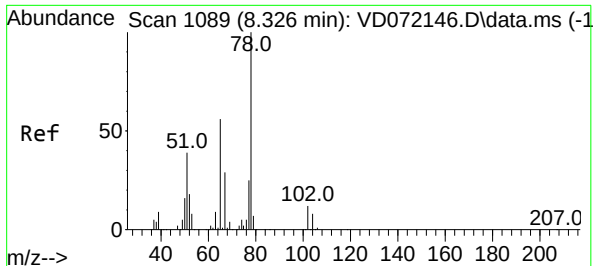
Ion Ratio Lower Upper

97 100

99 63.1 52.4 78.6

61 44.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 58.086 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

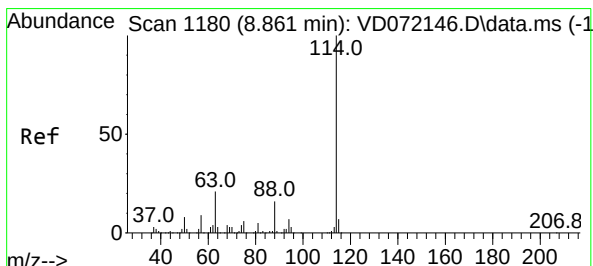
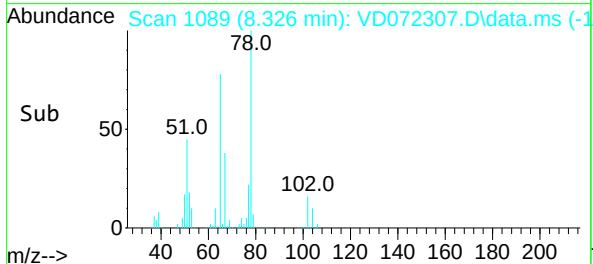
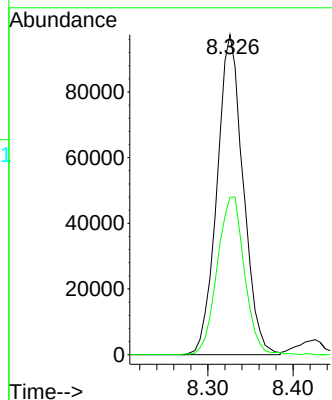
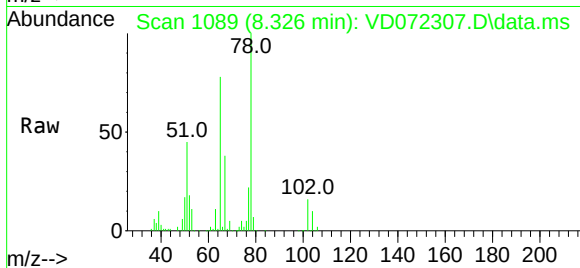
VSTDCCC050

Tgt Ion: 65 Resp: 207813

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

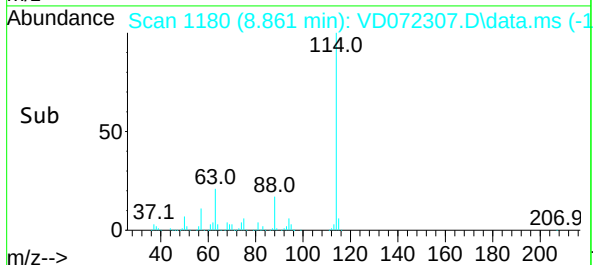
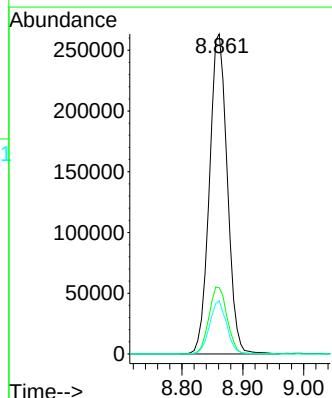
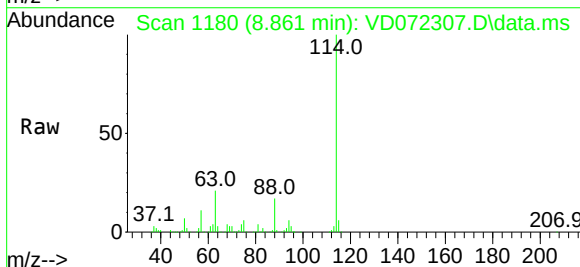
Tgt Ion: 114 Resp: 537073

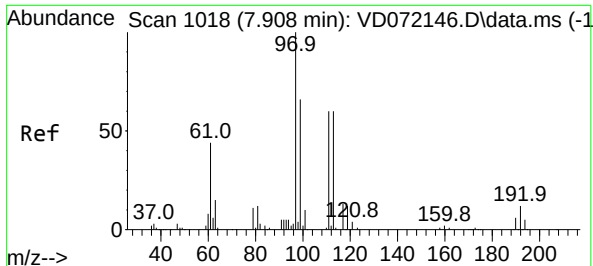
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.472 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

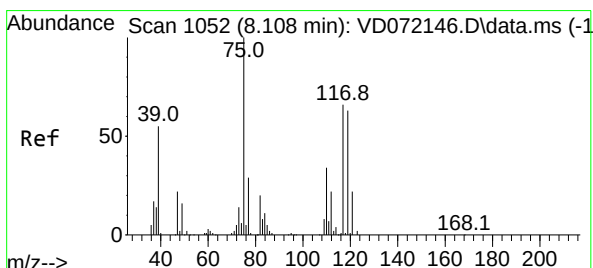
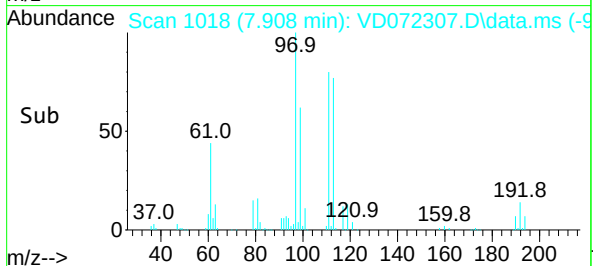
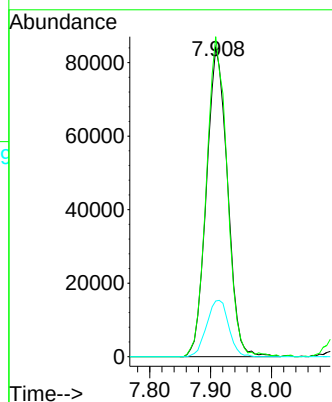
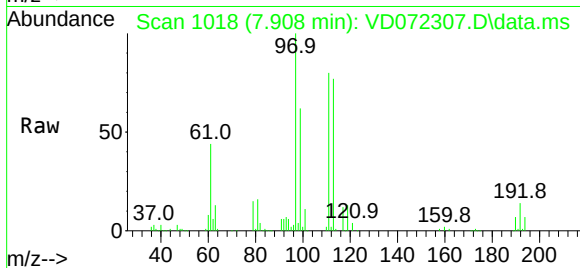
Tgt Ion:113 Resp: 202093

Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 19.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 46.107 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

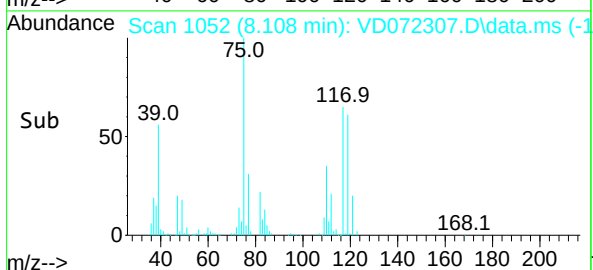
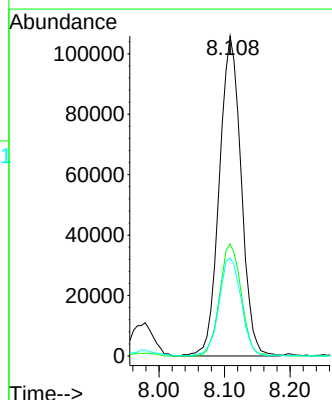
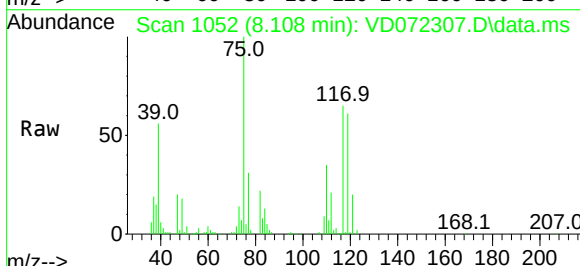
Tgt Ion: 75 Resp: 244459

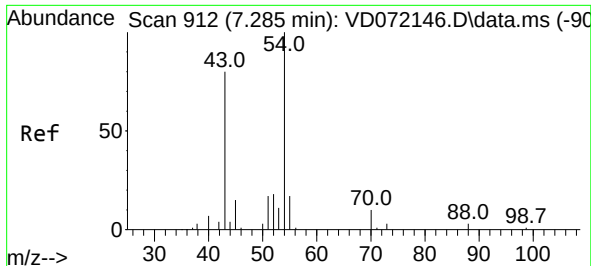
Ion Ratio Lower Upper

75 100

110 34.6 16.4 49.1

77 31.1 24.2 36.2





#37

Ethyl Acetate

Concen: 53.964 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

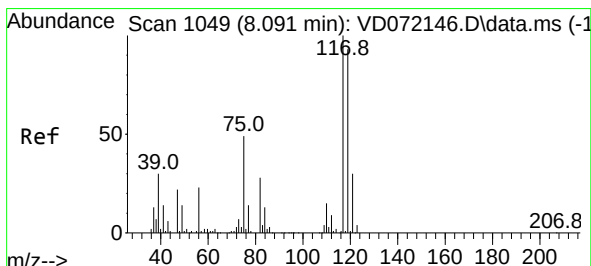
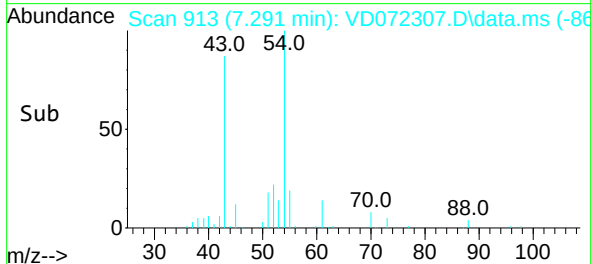
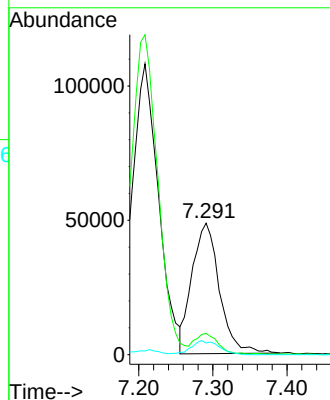
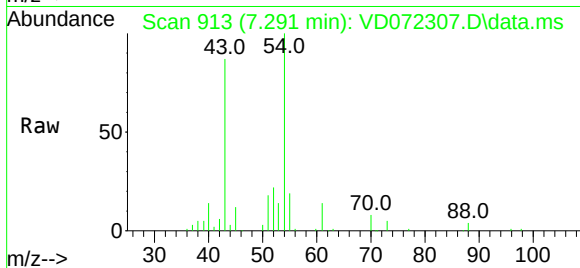
Tgt Ion: 43 Resp: 125333

Ion Ratio Lower Upper

43 100

61 13.1 9.8 14.8

70 10.9 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 43.086 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

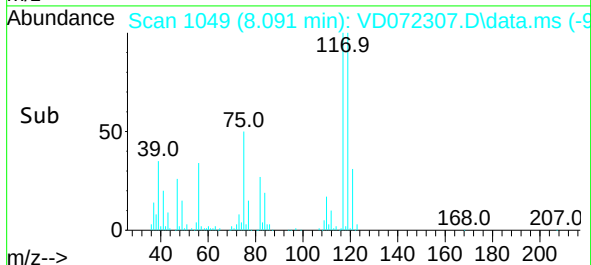
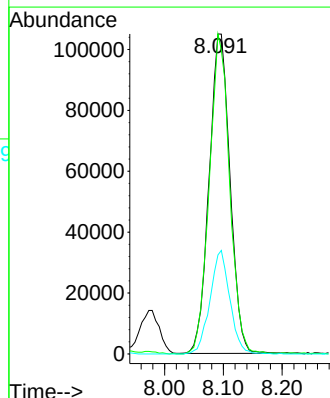
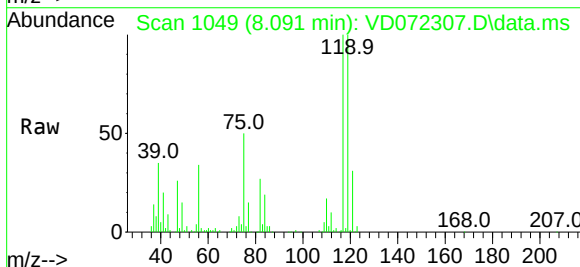
Tgt Ion: 117 Resp: 259675

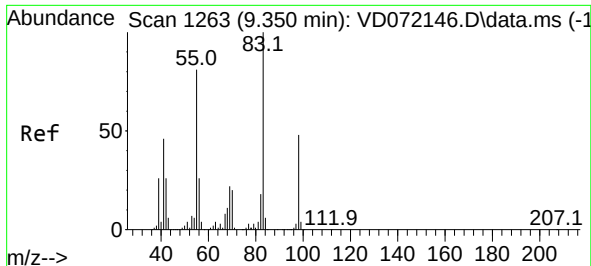
Ion Ratio Lower Upper

117 100

119 100.2 75.8 113.6

121 31.0 24.5 36.7

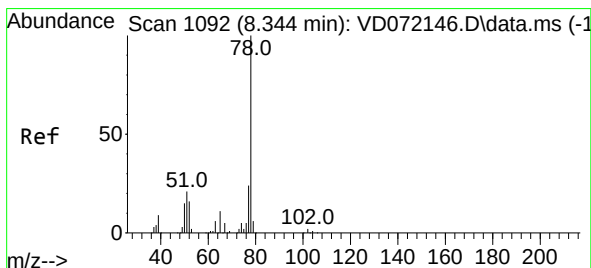
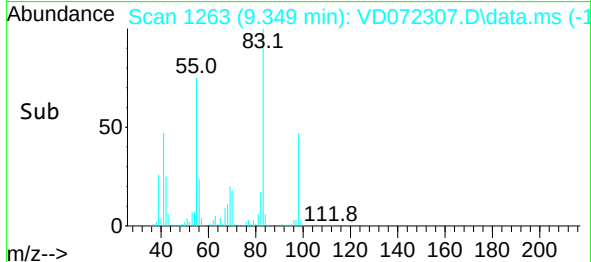
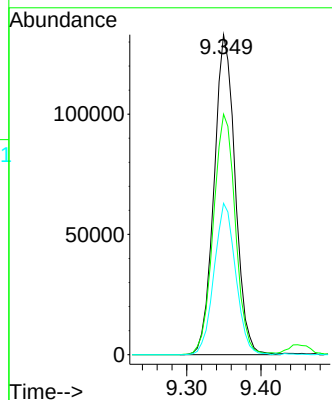
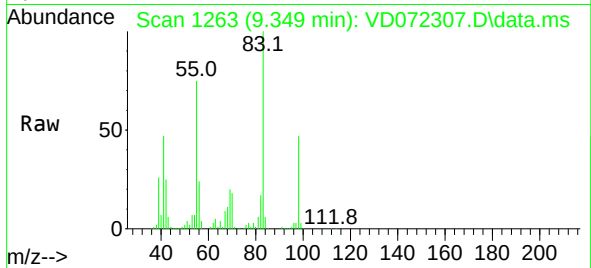




#39  
Methylcyclohexane  
Concen: 44.154 ug/l  
RT: 9.349 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

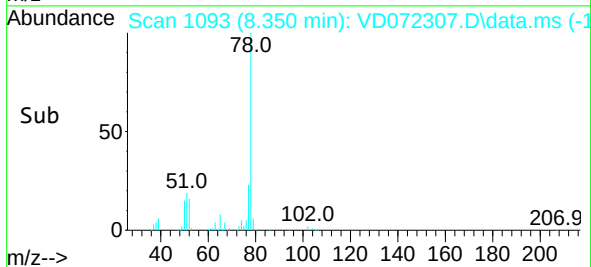
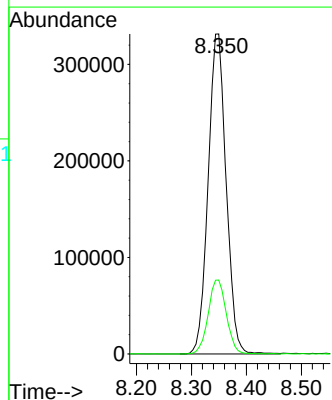
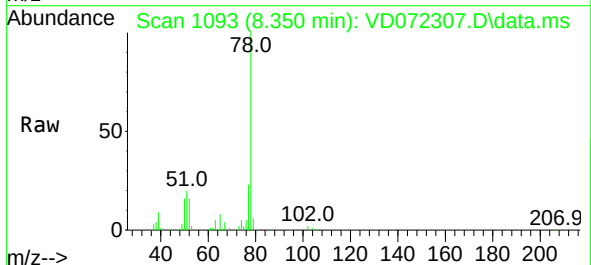
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 83 Resp: 263439  
Ion Ratio Lower Upper  
83 100  
55 75.1 63.2 94.8  
98 47.3 38.2 57.4

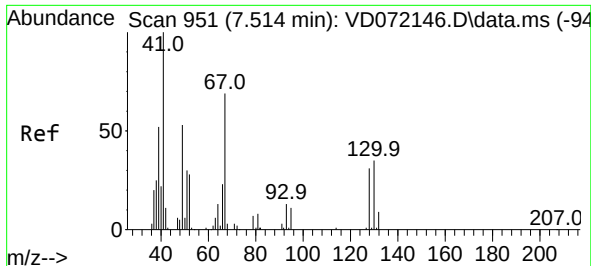


#40  
Benzene  
Concen: 49.796 ug/l  
RT: 8.350 min Scan# 1093  
Delta R.T. 0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 78 Resp: 753214  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.1 28.7



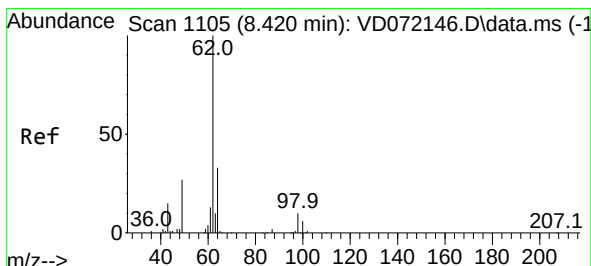
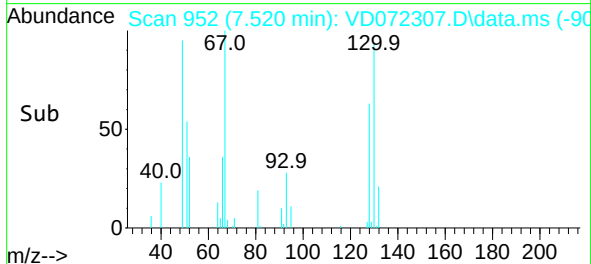
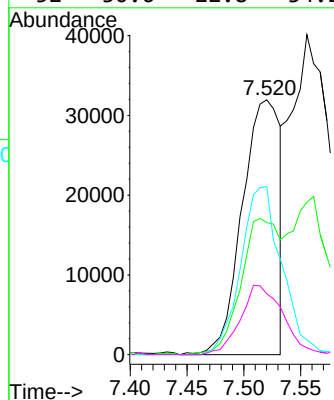
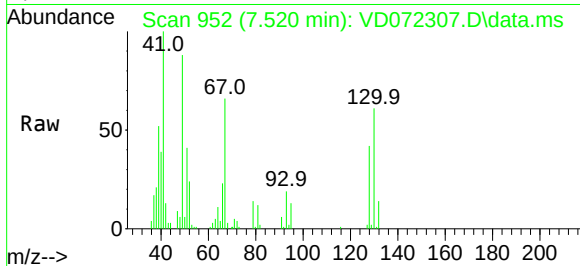




#41  
Methacrylonitrile  
Concen: 54.666 ug/l  
RT: 7.520 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

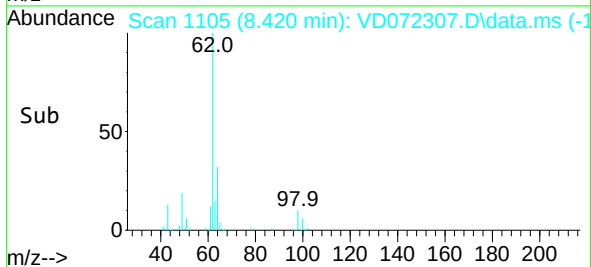
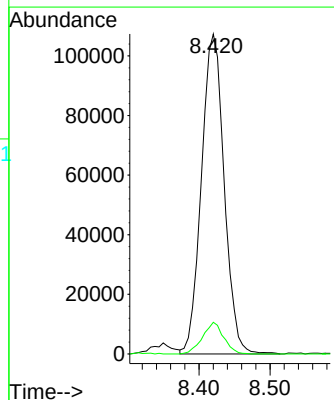
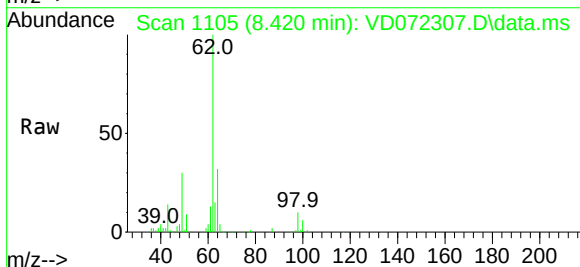
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

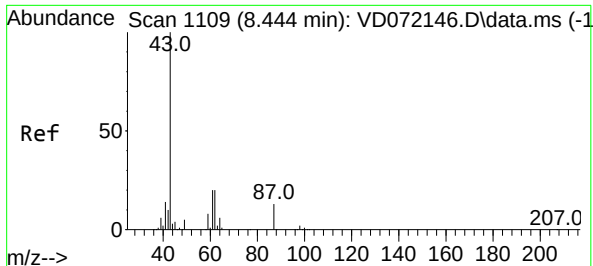
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 74002 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 54.0     | 44.6 67.0   |
| 67 71.9     | 48.2 72.4   |
| 52 30.6     | 22.8 34.2   |



#42  
1,2-Dichloroethane  
Concen: 52.137 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 239232 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 9.2      | 0.0 17.6     |

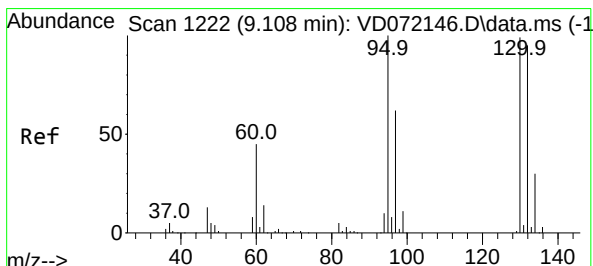
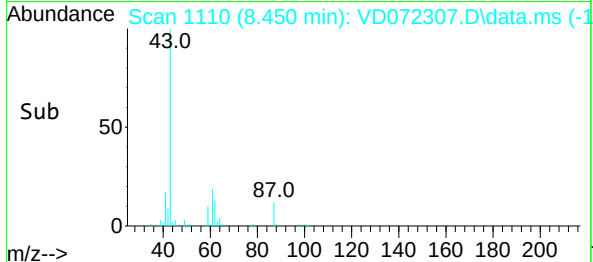
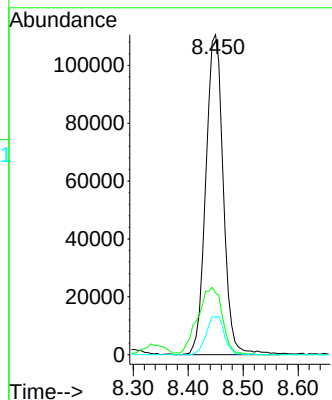
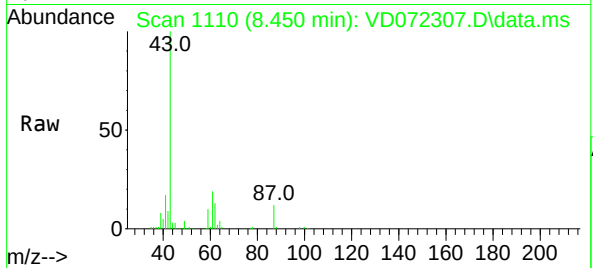




#43  
Isopropyl Acetate  
Concen: 54.159 ug/l  
RT: 8.450 min Scan# 1109  
Delta R.T. 0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

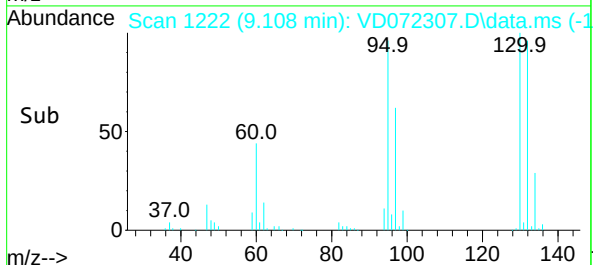
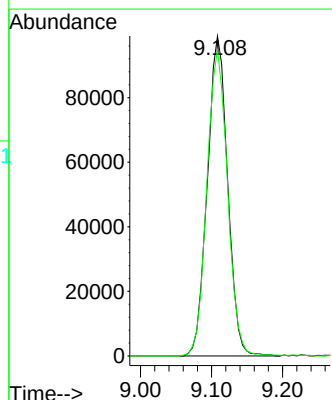
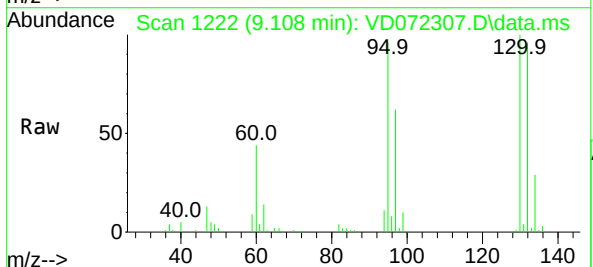
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

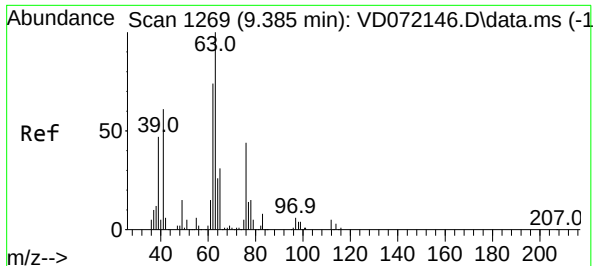
Tgt Ion: 43 Resp: 244142  
Ion Ratio Lower Upper  
43 100  
61 29.7 22.4 33.6  
87 12.4 8.7 13.1



#44  
Trichloroethene  
Concen: 46.366 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion:130 Resp: 196888  
Ion Ratio Lower Upper  
130 100  
95 95.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 49.706 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

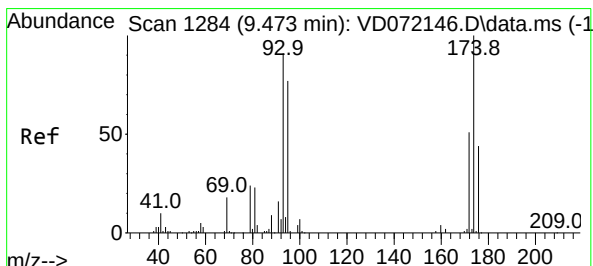
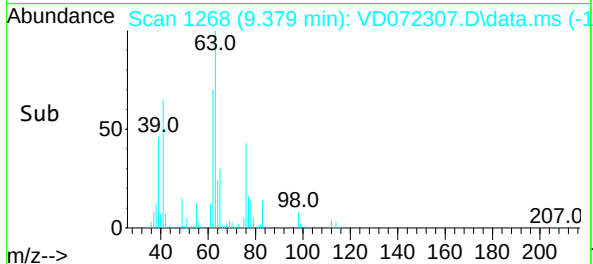
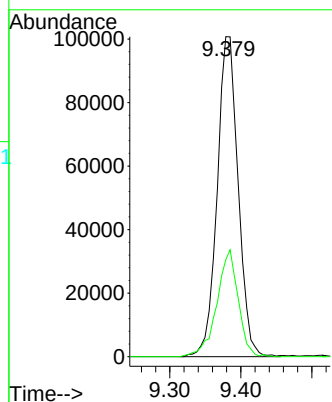
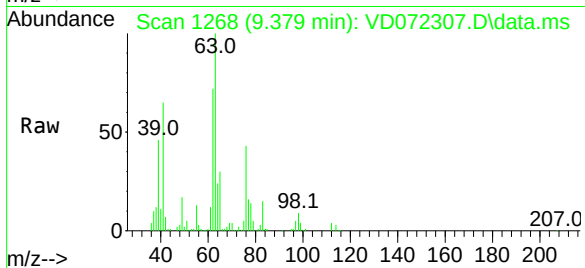
VSTDCCC050

Tgt Ion: 63 Resp: 206200

Ion Ratio Lower Upper

63 100

65 30.3 26.2 39.4



#46

Dibromomethane

Concen: 53.335 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

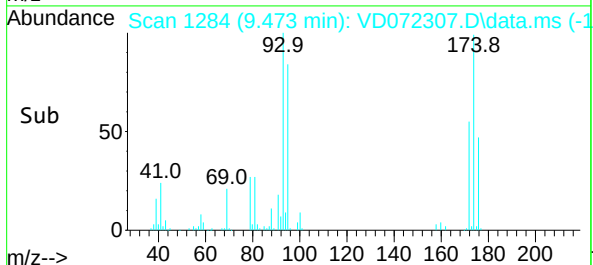
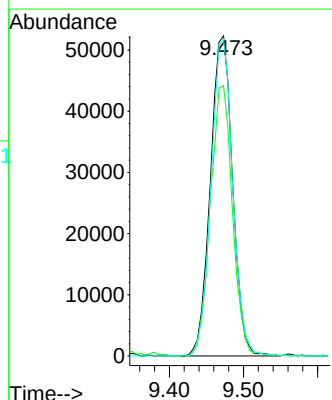
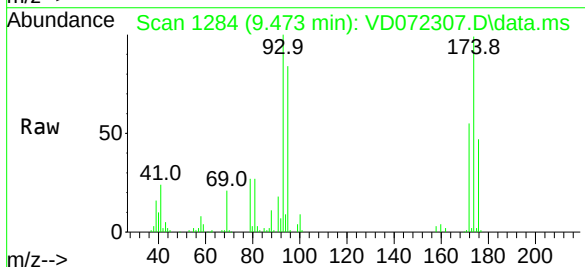
Tgt Ion: 93 Resp: 108835

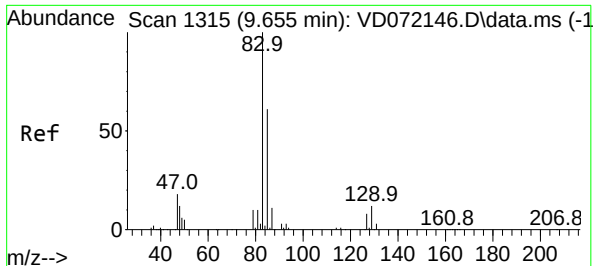
Ion Ratio Lower Upper

93 100

95 84.1 66.7 100.1

174 96.5 71.6 107.4





#47

Bromodichloromethane

Concen: 49.227 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

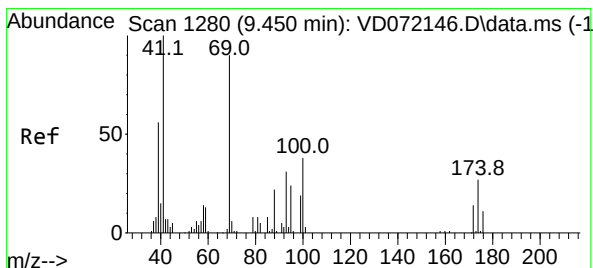
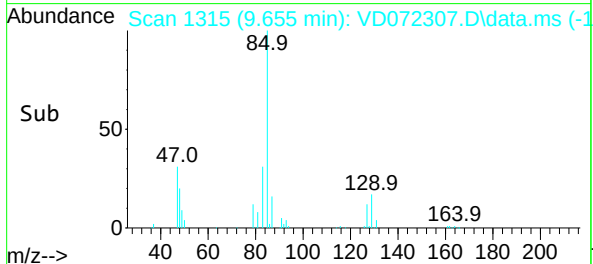
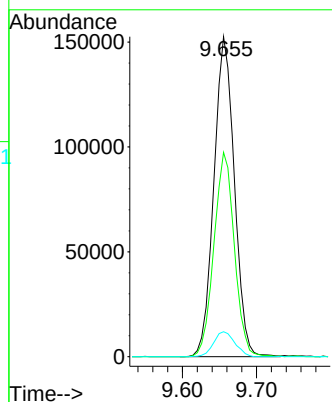
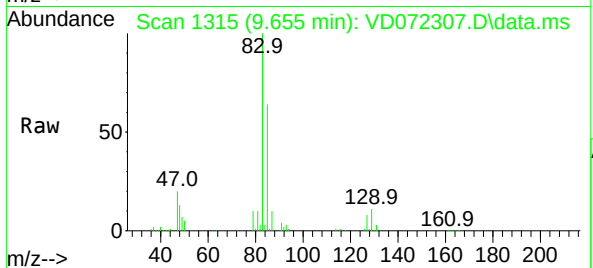
Tgt Ion: 83 Resp: 292842

Ion Ratio Lower Upper

83 100

85 63.9 51.4 77.0

127 7.8 6.1 9.1



#48

Methyl methacrylate

Concen: 51.989 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

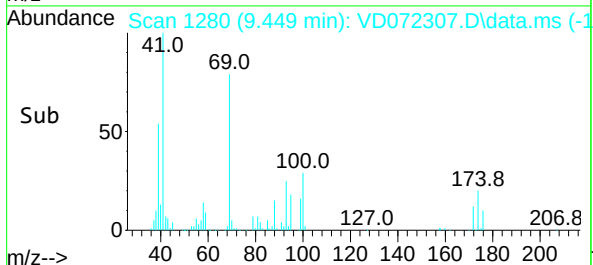
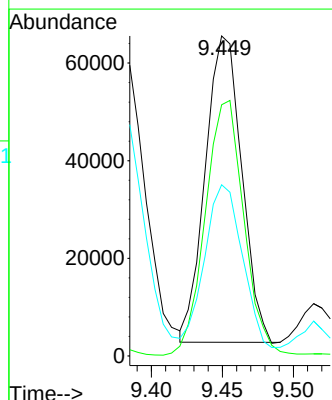
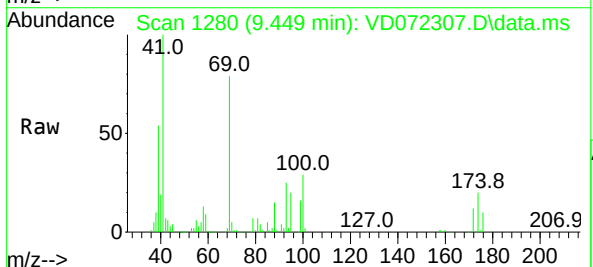
Tgt Ion: 41 Resp: 111904

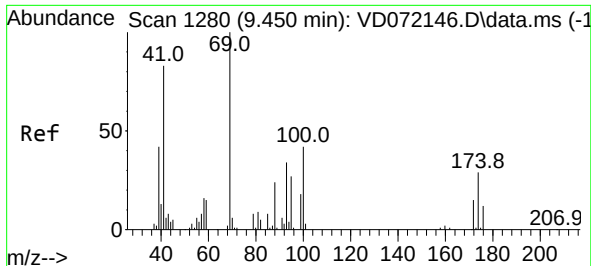
Ion Ratio Lower Upper

41 100

69 88.0 56.7 85.1

39 60.1 42.7 64.1

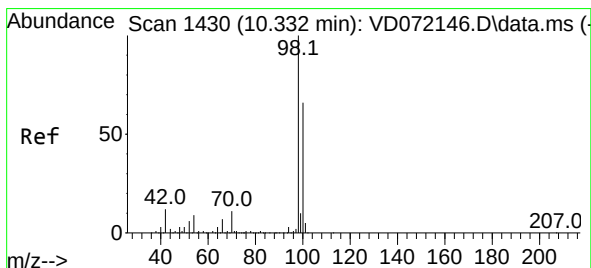
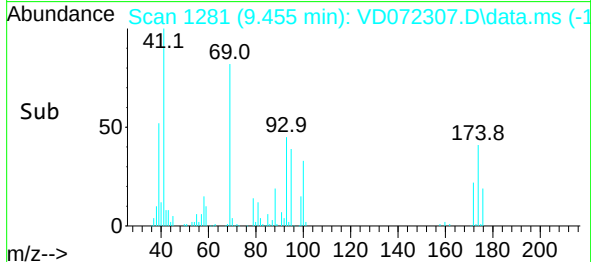
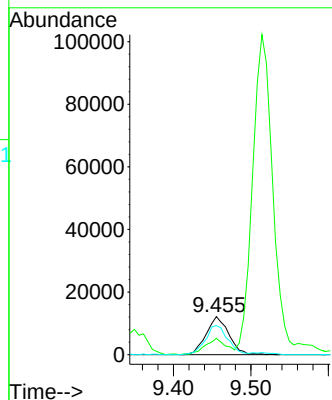
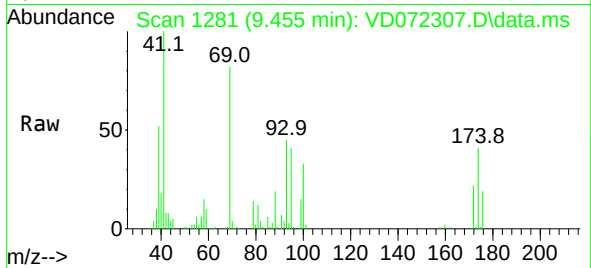




#49  
1,4-Dioxane  
Concen: 1010.407 ug/l  
RT: 9.455 min Scan# 1280  
Delta R.T. 0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

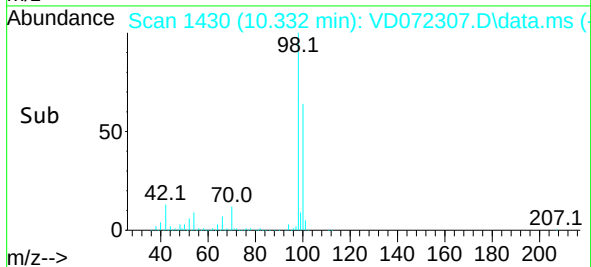
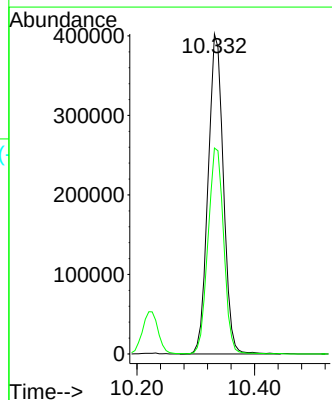
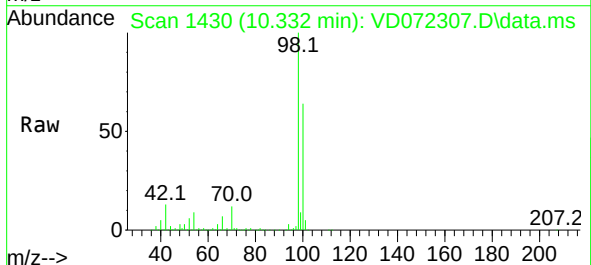
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

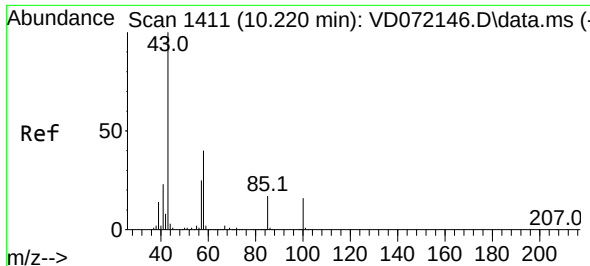
Tgt Ion: 88 Resp: 24725  
Ion Ratio Lower Upper  
88 100  
43 40.0 31.0 46.4  
58 75.8 58.1 87.1



#50  
Toluene-d8  
Concen: 52.451 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 98 Resp: 724841  
Ion Ratio Lower Upper  
98 100  
100 66.3 52.4 78.6

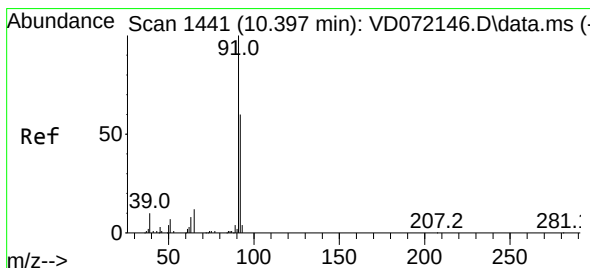
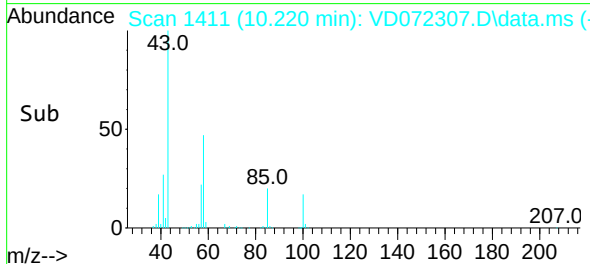
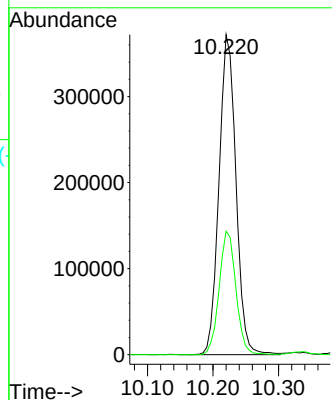
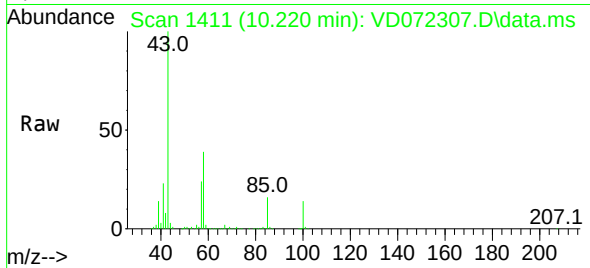




#51  
4-Methyl-2-Pentanone  
Concen: 281.313 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

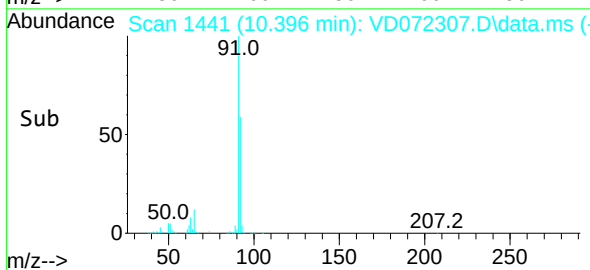
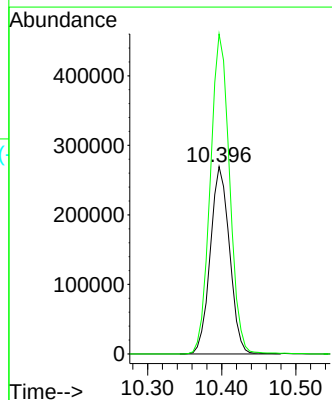
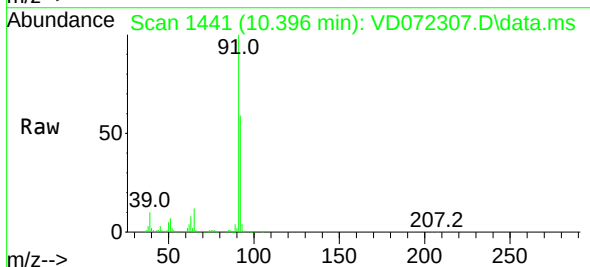
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

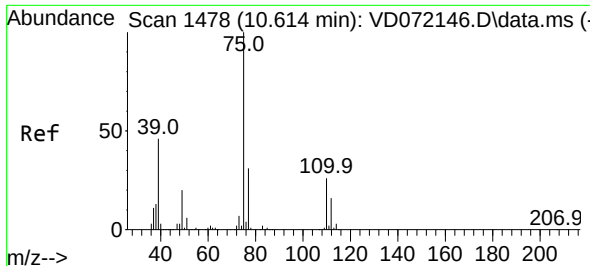
Tgt Ion: 43 Resp: 666050  
Ion Ratio Lower Upper  
43 100  
58 38.2 28.6 43.0



#52  
Toluene  
Concen: 48.829 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 92 Resp: 486010  
Ion Ratio Lower Upper  
92 100  
91 171.6 139.6 209.4

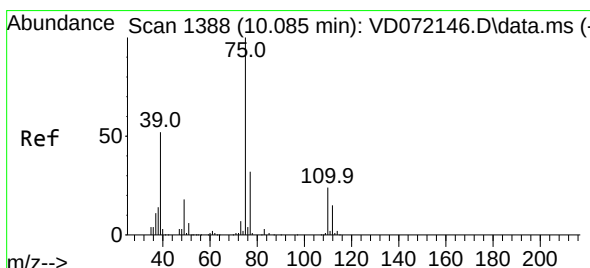
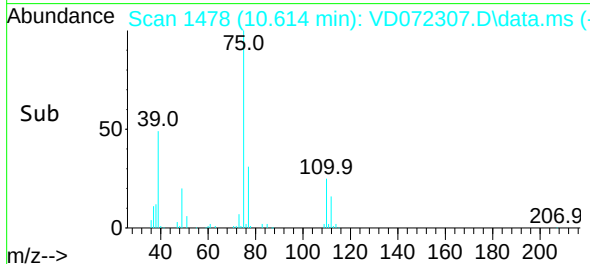
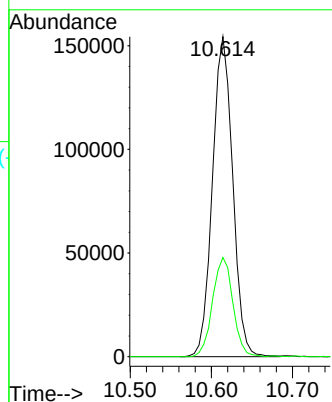
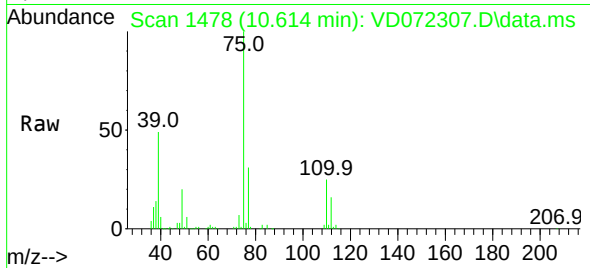




#53  
 t-1,3-Dichloropropene  
 Concen: 49.288 ug/l  
 RT: 10.614 min Scan# 1478  
 Delta R.T. -0.000 min  
 Lab File: VD072307.D  
 Acq: 18 Mar 2022 23:52

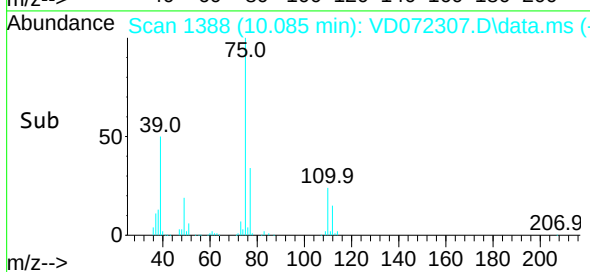
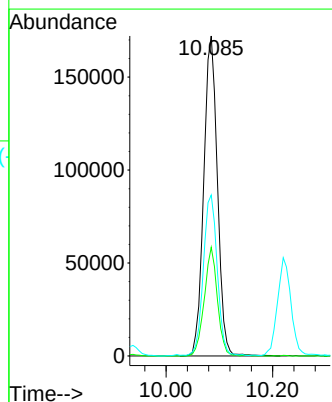
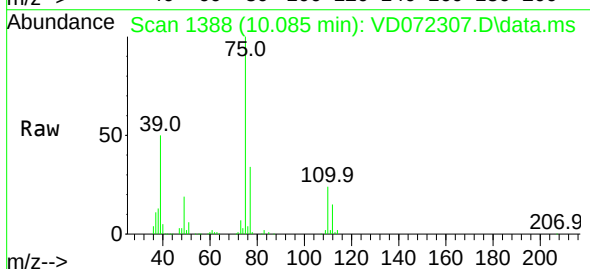
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

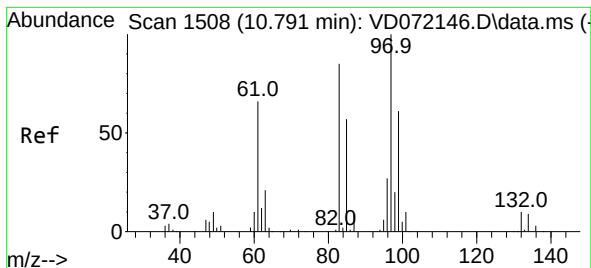
Tgt Ion: 75 Resp: 267888  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 24.5 36.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 48.810 ug/l  
 RT: 10.085 min Scan# 1388  
 Delta R.T. -0.000 min  
 Lab File: VD072307.D  
 Acq: 18 Mar 2022 23:52

Tgt Ion: 75 Resp: 306679  
 Ion Ratio Lower Upper  
 75 100  
 77 33.9 24.8 37.2  
 39 50.1 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 50.847 ug/l

RT: 10.796 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 158061

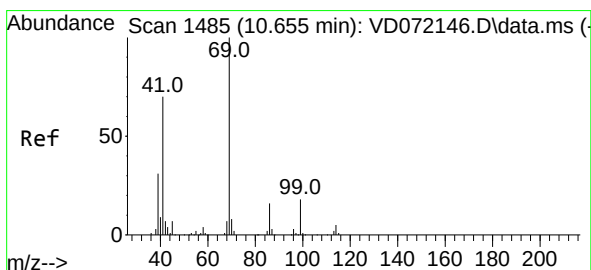
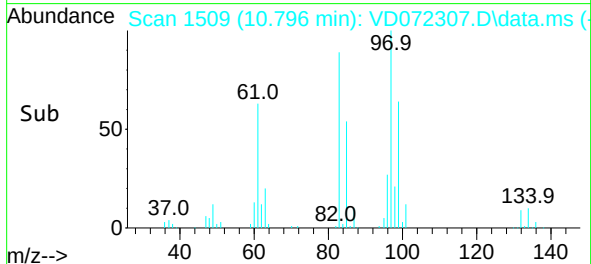
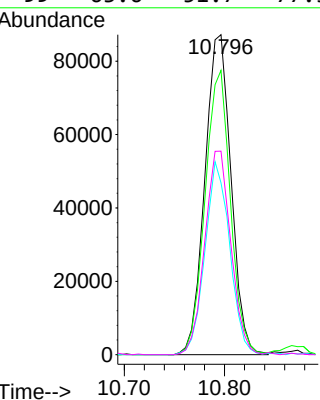
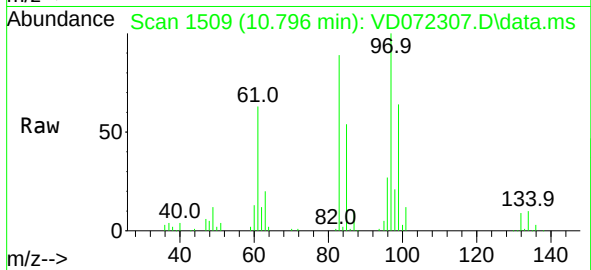
Ion Ratio Lower Upper

97 100

83 88.8 69.0 103.4

85 53.7 42.6 63.8

99 63.6 51.7 77.5



#56

Ethyl methacrylate

Concen: 54.313 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

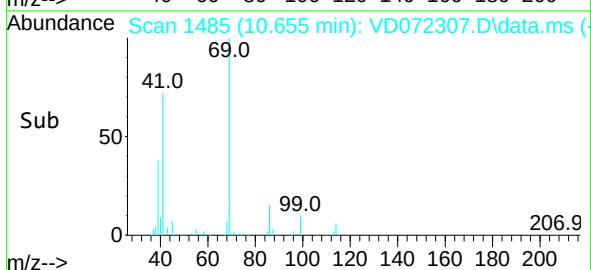
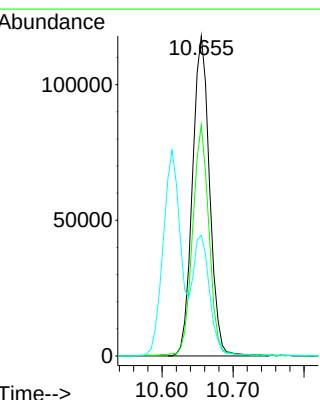
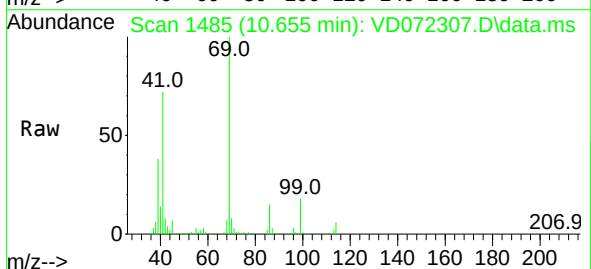
Tgt Ion: 69 Resp: 197754

Ion Ratio Lower Upper

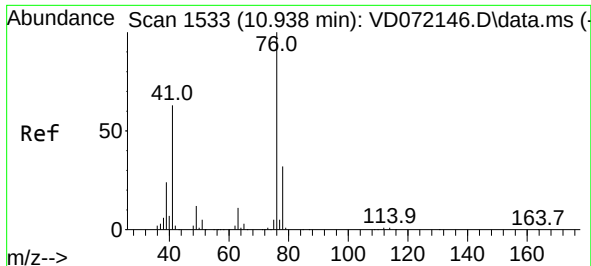
69 100

41 69.7 63.0 94.6

39 35.9 33.8 50.8







#57

1,3-Dichloropropane

Concen: 52.874 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

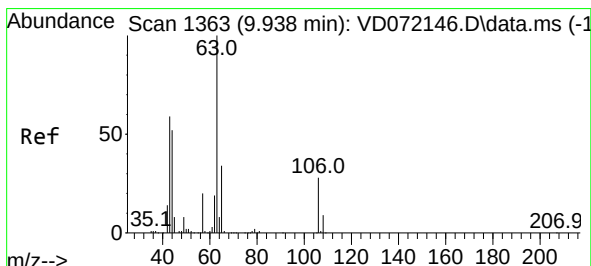
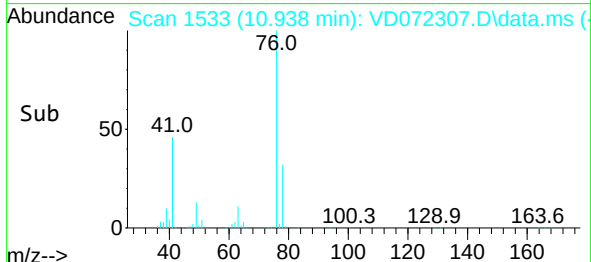
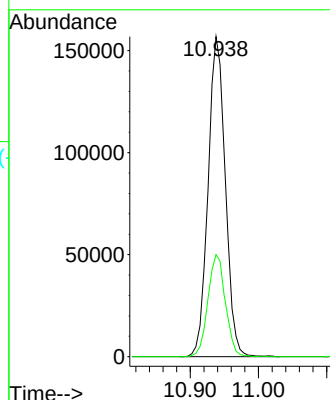
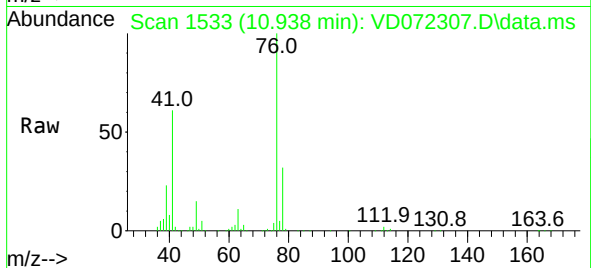
VSTDCCC050

Tgt Ion: 76 Resp: 275853

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 272.026 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072307.D

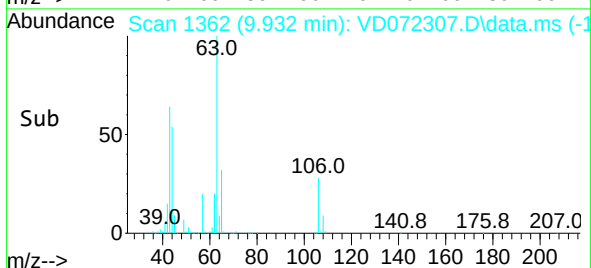
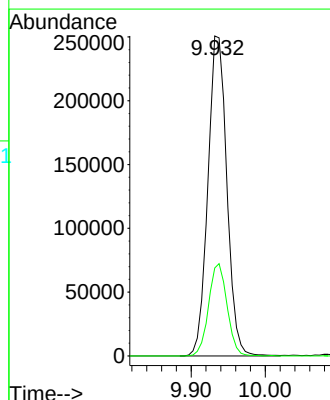
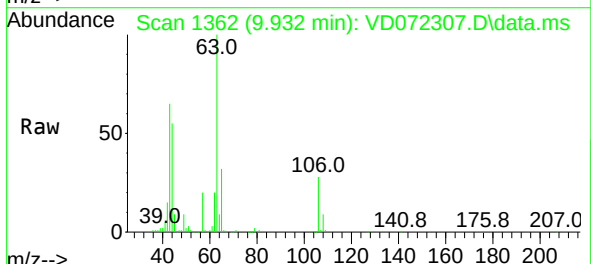
Acq: 18 Mar 2022 23:52

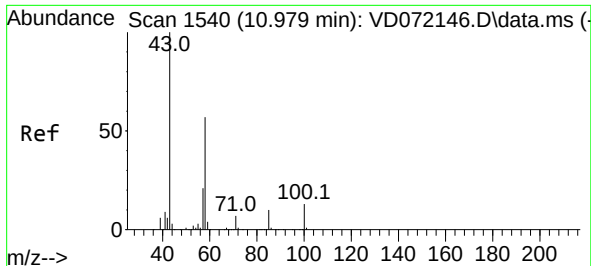
Tgt Ion: 63 Resp: 445336

Ion Ratio Lower Upper

63 100

106 28.1 21.4 32.0

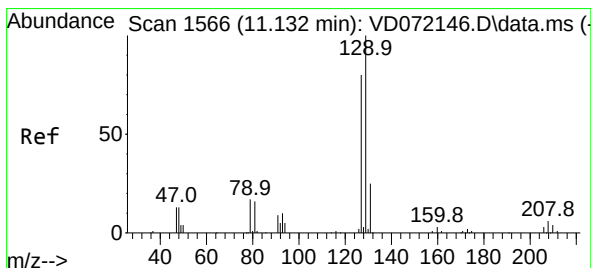
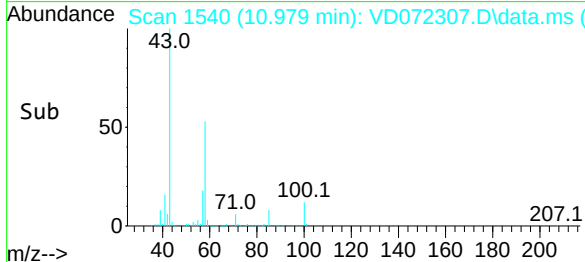
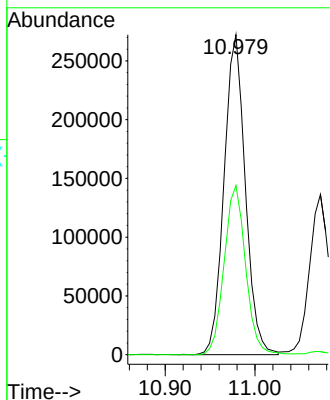
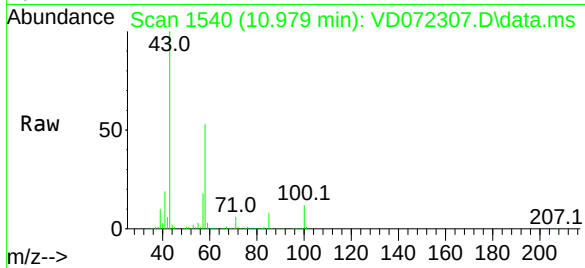




#59  
2-Hexanone  
Concen: 274.015 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

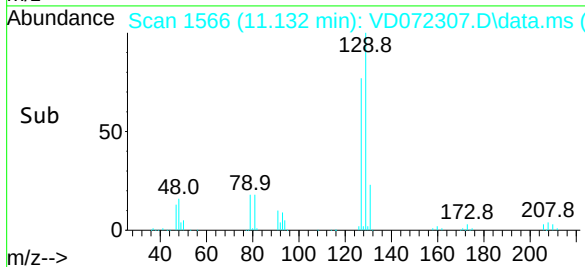
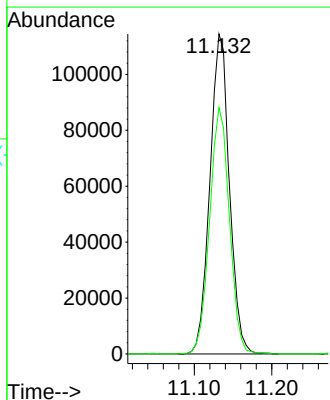
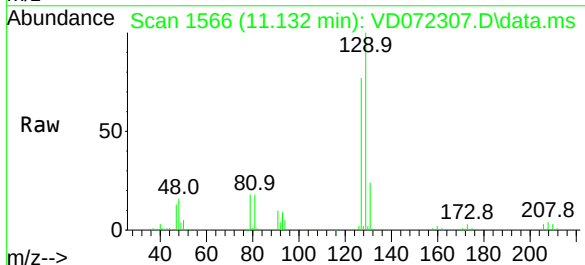
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

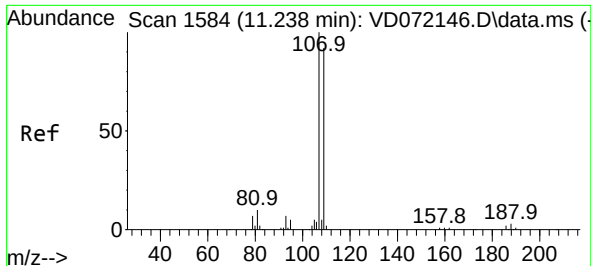
Tgt Ion: 43 Resp: 448087  
Ion Ratio Lower Upper  
43 100  
58 53.2 25.3 75.9



#60  
Dibromochloromethane  
Concen: 49.624 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 129 Resp: 200167  
Ion Ratio Lower Upper  
129 100  
127 78.2 39.2 117.6

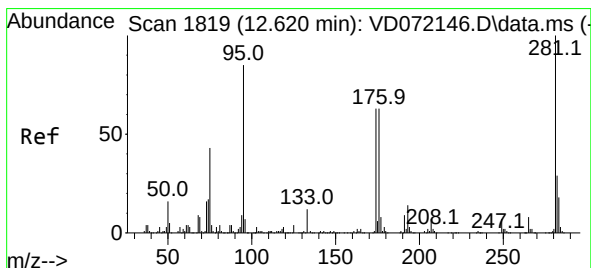
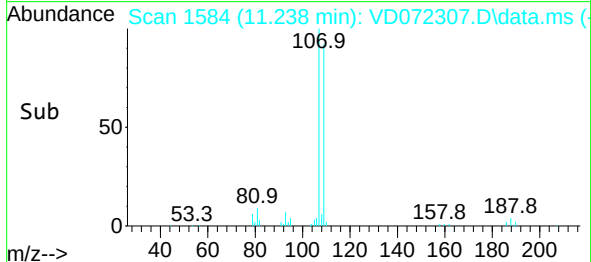
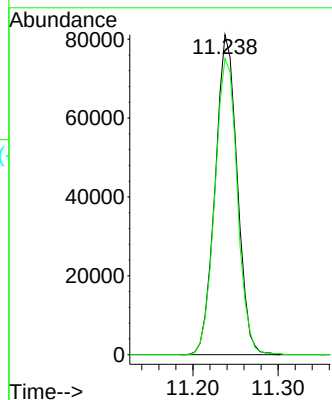
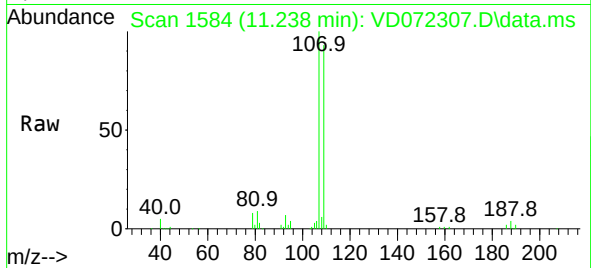




#61  
1,2-Dibromoethane  
Concen: 51.998 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

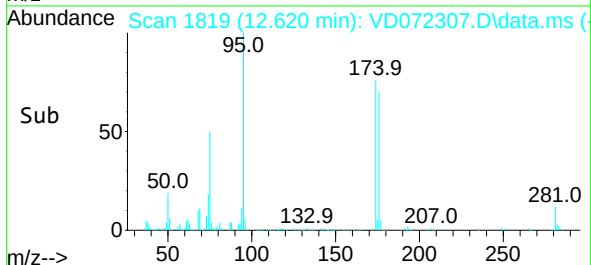
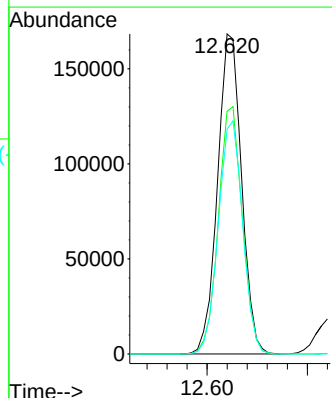
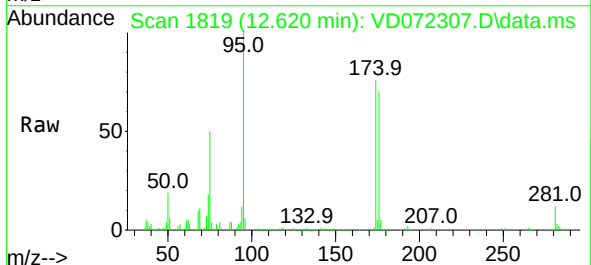
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

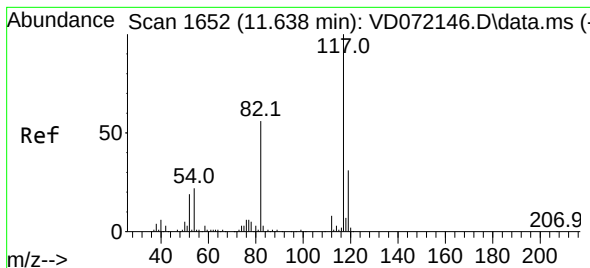
Tgt Ion:107 Resp: 146058  
Ion Ratio Lower Upper  
107 100  
109 94.5 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 52.094 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 95 Resp: 279723  
Ion Ratio Lower Upper  
95 100  
174 77.0 0.0 152.8  
176 73.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

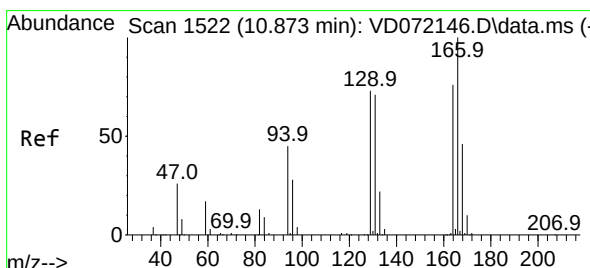
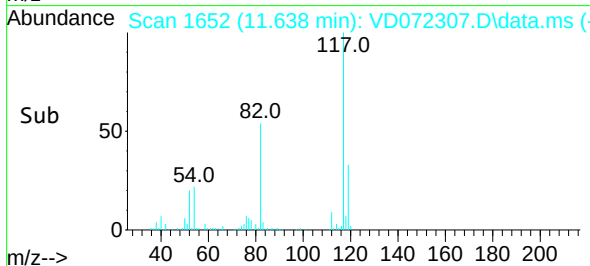
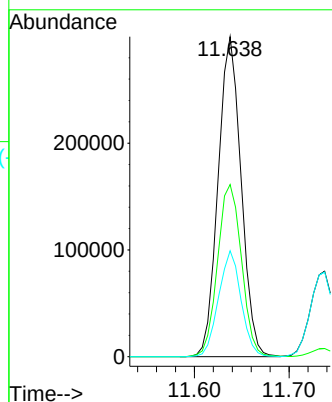
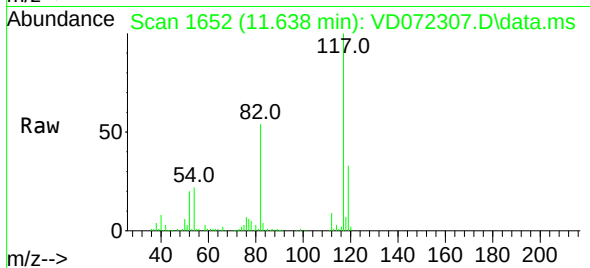
Tgt Ion:117 Resp: 506926

Ion Ratio Lower Upper

117 100

82 53.8 45.3 67.9

119 33.1 26.6 40.0



#64

Tetrachloroethene

Concen: 44.070 ug/l

RT: 10.873 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Tgt Ion:164 Resp: 157404

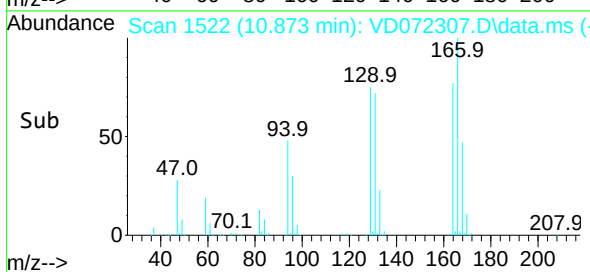
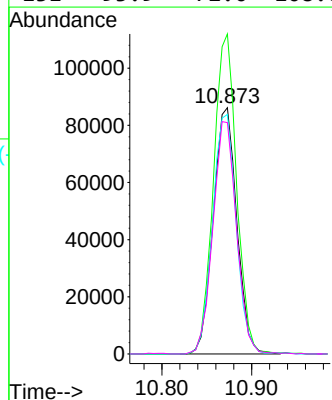
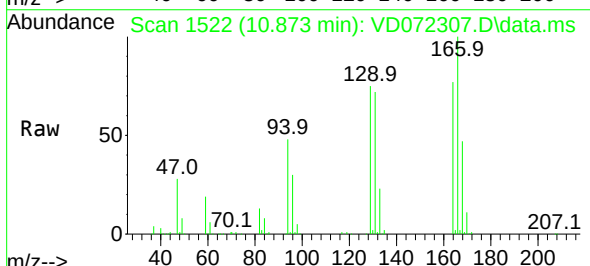
Ion Ratio Lower Upper

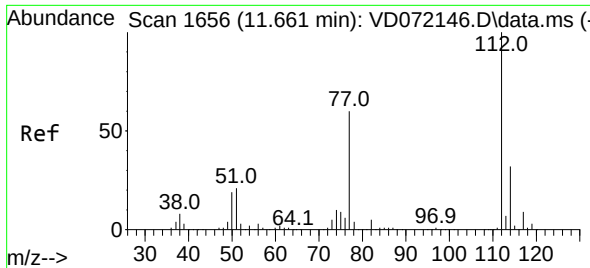
164 100

166 129.9 98.5 147.7

129 97.3 74.6 111.8

131 93.9 72.0 108.0

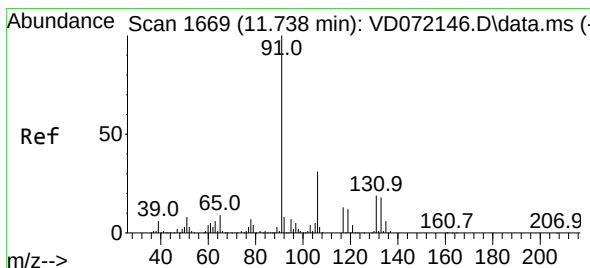
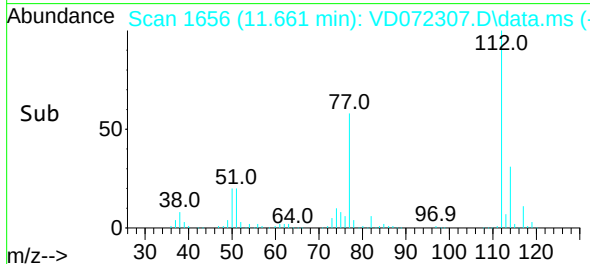
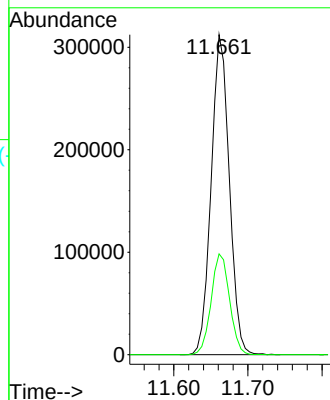
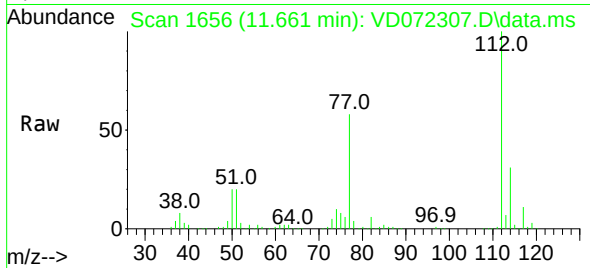




#65  
Chlorobenzene  
Concen: 47.216 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

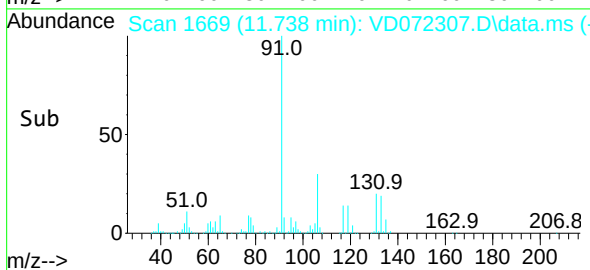
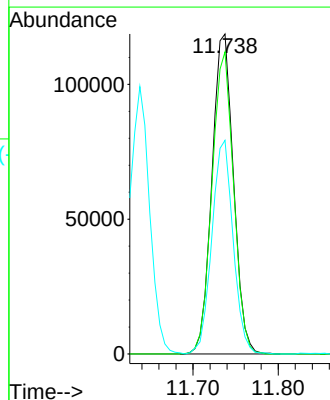
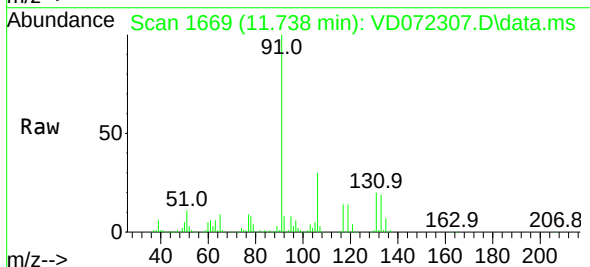
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

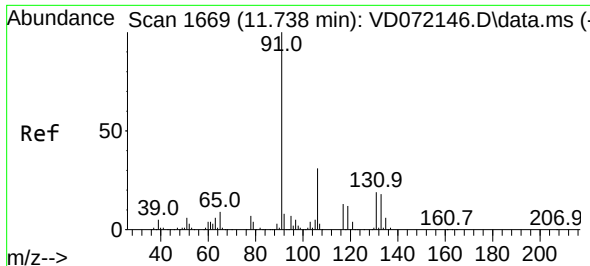
Tgt Ion:112 Resp: 530633  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.012 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion:131 Resp: 208925  
Ion Ratio Lower Upper  
131 100  
133 94.5 48.1 144.3  
119 65.9 31.9 95.9

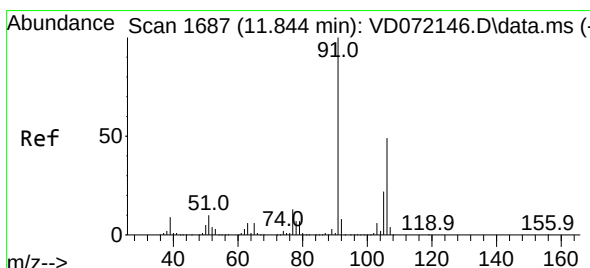
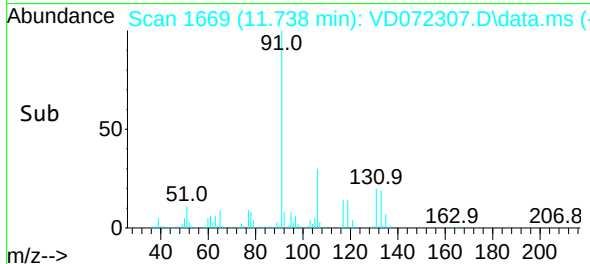
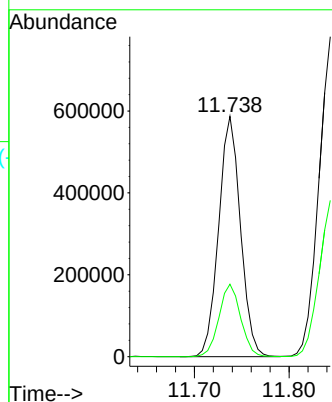
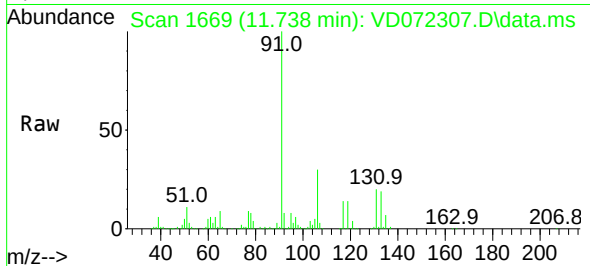




#67  
Ethyl Benzene  
Concen: 46.820 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

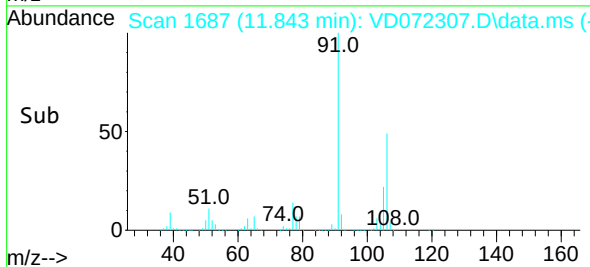
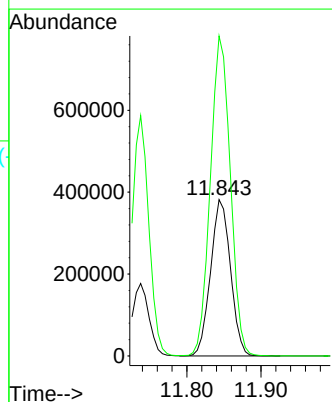
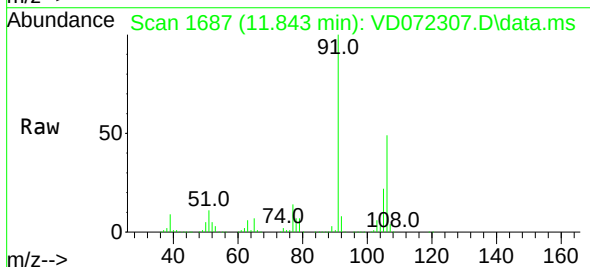
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

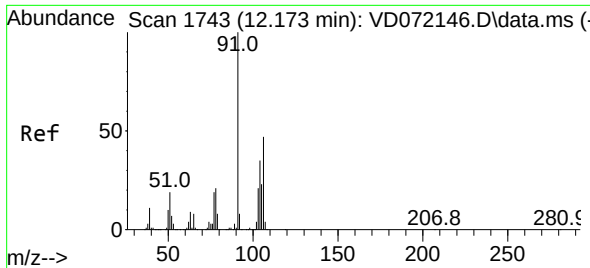
Tgt Ion: 91 Resp: 939770  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.2 36.4



#68  
m/p-Xylenes  
Concen: 93.552 ug/l  
RT: 11.843 min Scan# 1687  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion:106 Resp: 713027  
Ion Ratio Lower Upper  
106 100  
91 205.7 163.7 245.5

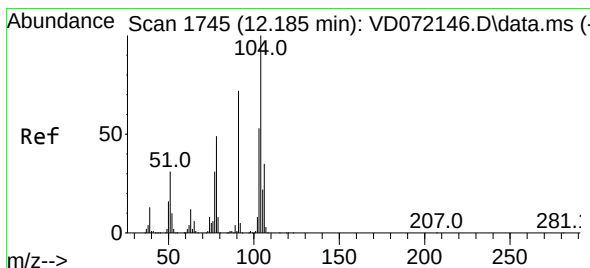
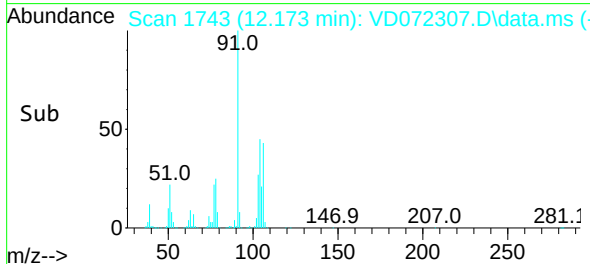
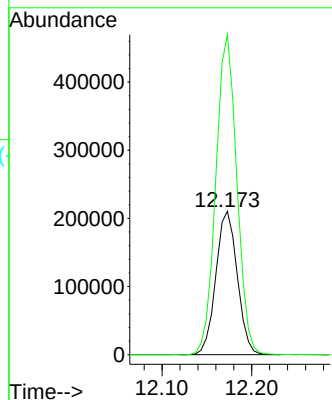
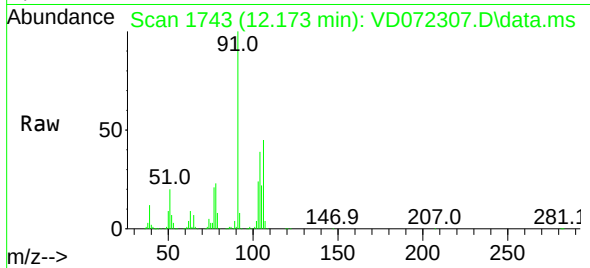




#69  
o-Xylene  
Concen: 47.878 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

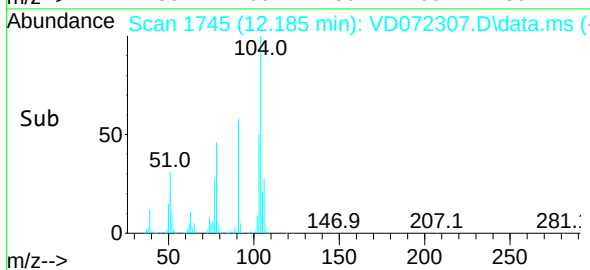
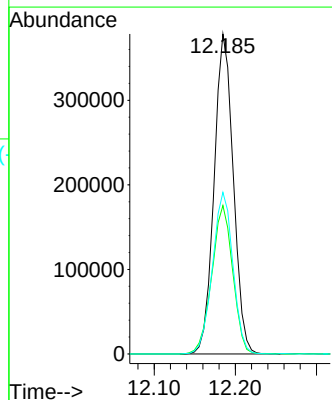
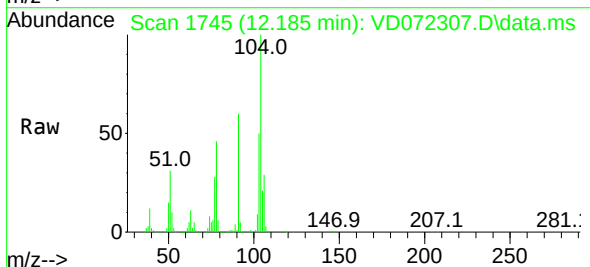
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

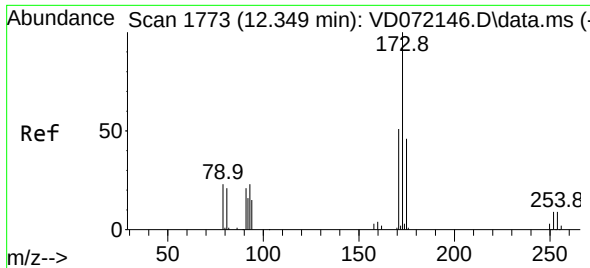
Tgt Ion:106 Resp: 349049  
Ion Ratio Lower Upper  
106 100  
91 218.6 110.4 331.2



#70  
Styrene  
Concen: 48.920 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion:104 Resp: 622780  
Ion Ratio Lower Upper  
104 100  
78 50.4 41.8 62.8  
103 53.9 44.2 66.4

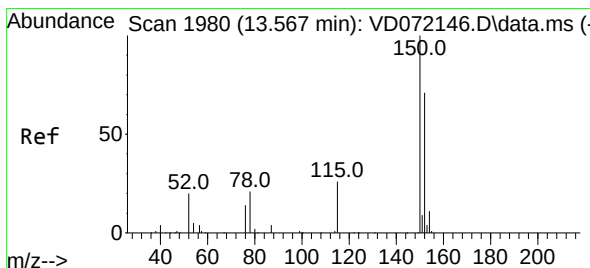
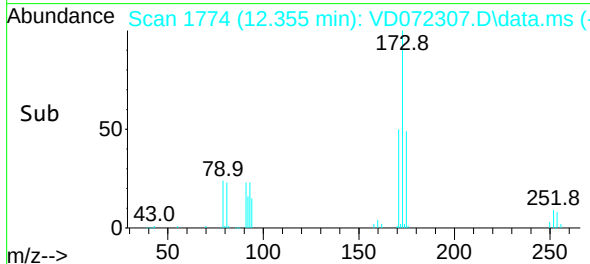
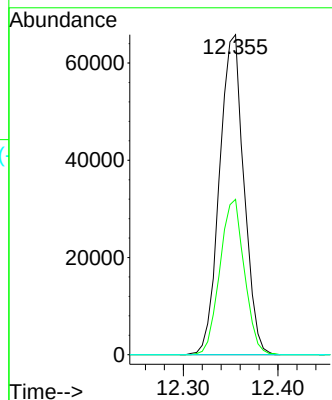
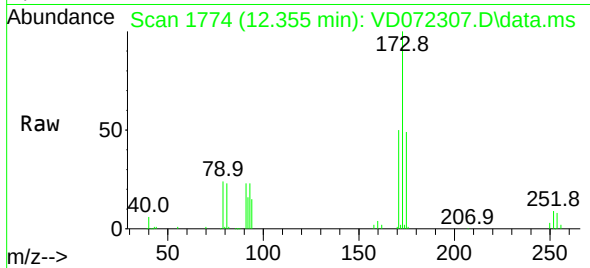




#71  
Bromoform  
Concen: 49.608 ug/l  
RT: 12.355 min Scan# 117766  
Delta R.T. 0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

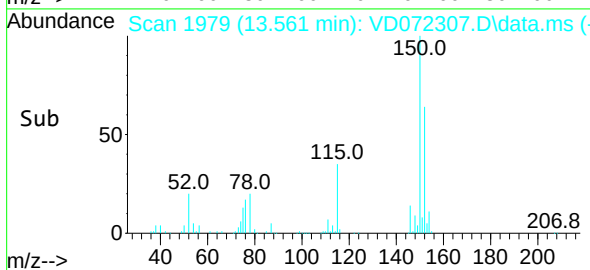
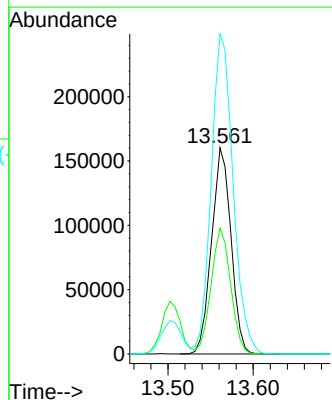
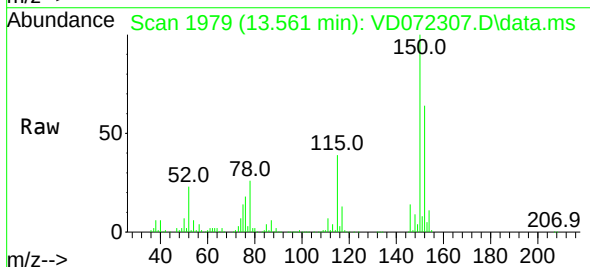
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 117766  
Ion Ratio Lower Upper  
173 100  
175 48.8 23.9 71.8  
254 0.0 0.0 0.0

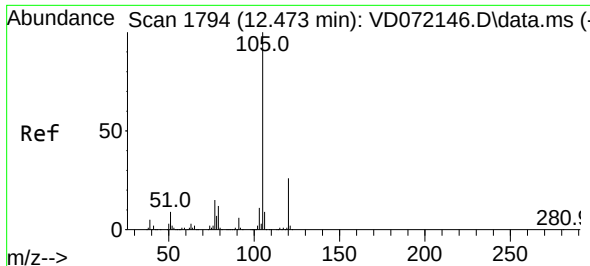


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion:152 Resp: 254288  
Ion Ratio Lower Upper  
152 100  
115 61.2 31.3 93.8  
150 174.7 0.0 348.6



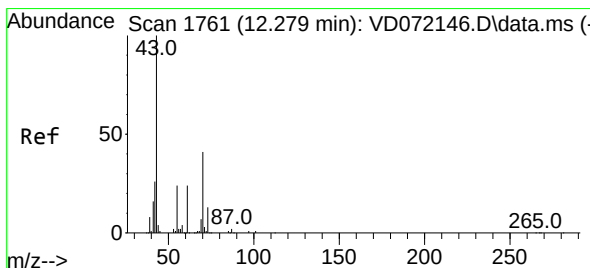
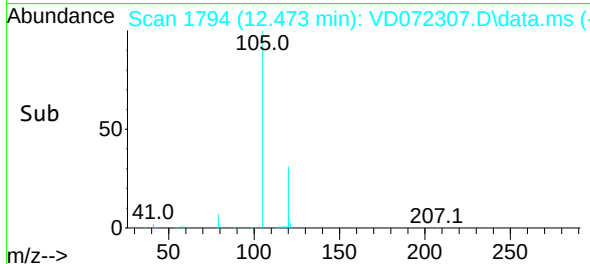
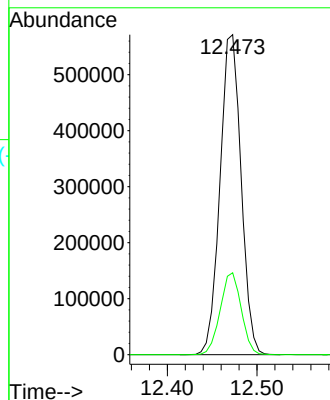
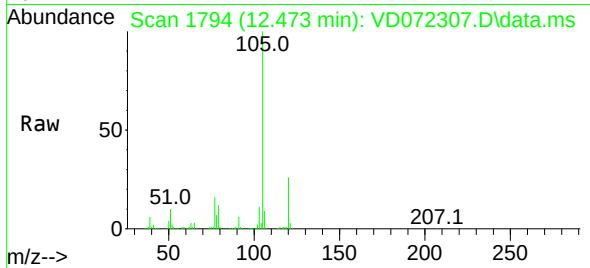




#73  
Isopropylbenzene  
Concen: 46.250 ug/l  
RT: 12.473 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

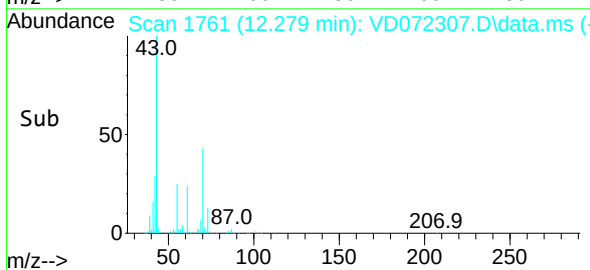
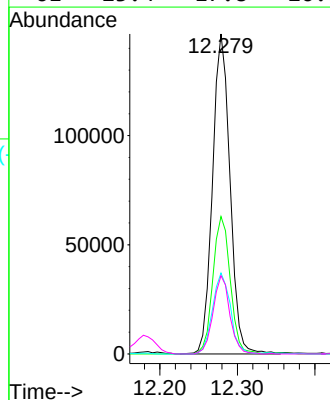
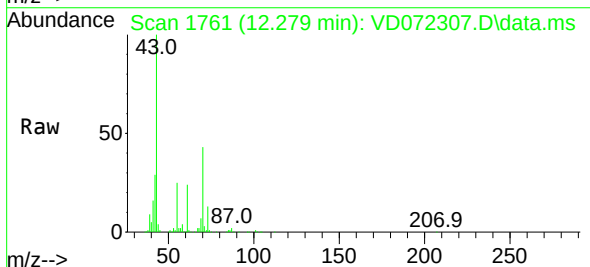
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

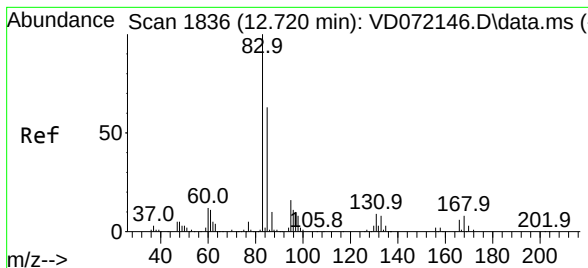
Tgt Ion:105 Resp: 931985  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.0 38.9



#74  
N-ethyl acetate  
Concen: 53.162 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 43 Resp: 230218  
Ion Ratio Lower Upper  
43 100  
70 42.6 31.3 46.9  
55 25.8 20.0 30.0  
61 23.4 17.8 26.8

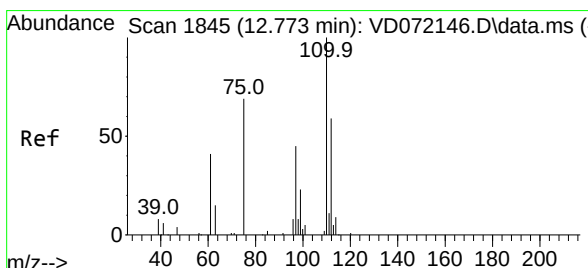
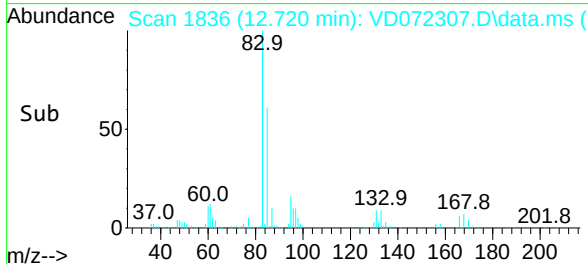
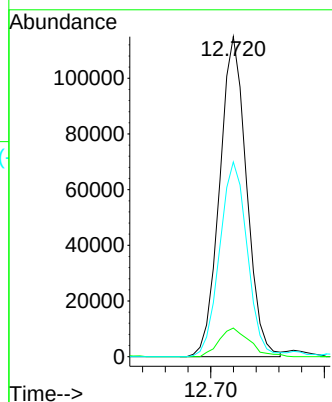
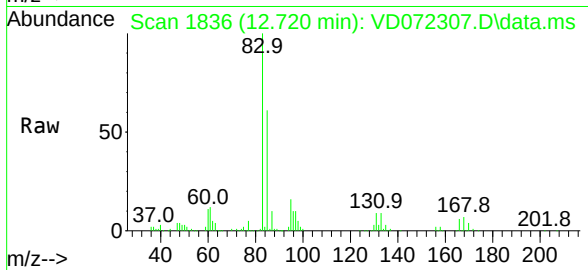




#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.445 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

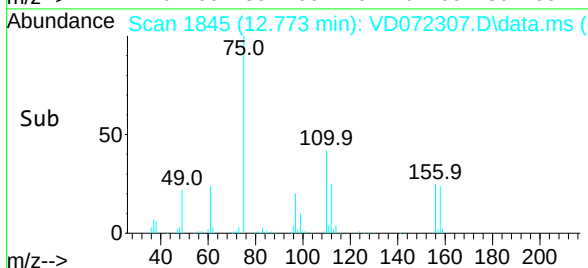
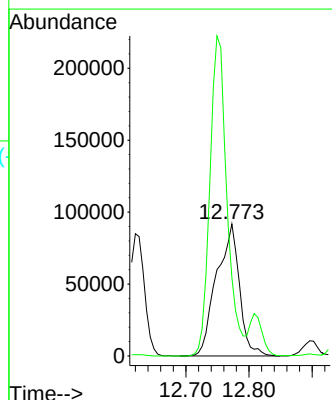
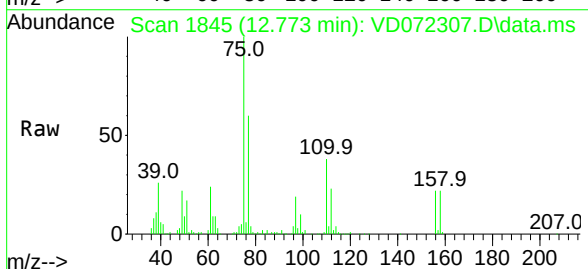
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

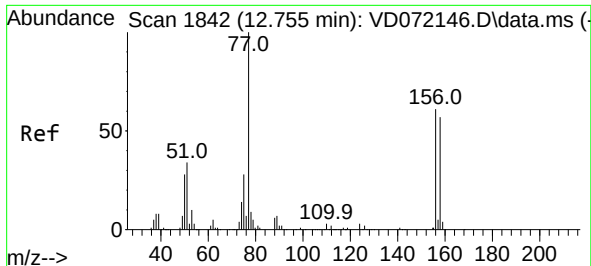
Tgt Ion: 83 Resp: 189012  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.0 14.9  
85 62.6 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 82.225 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 75 Resp: 230644  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

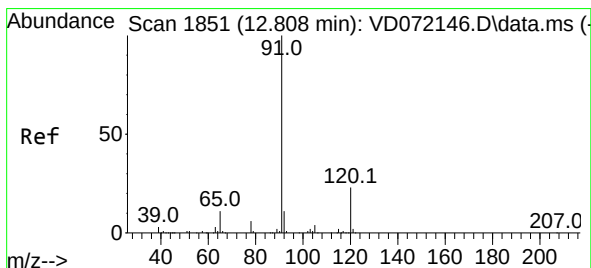
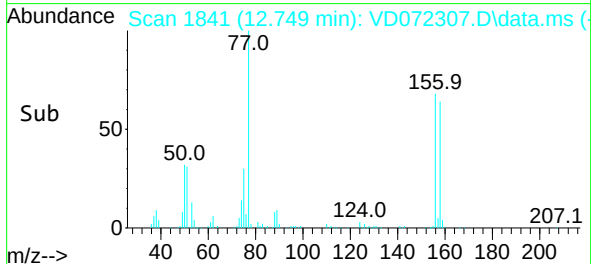
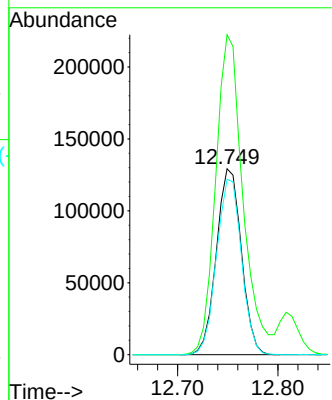
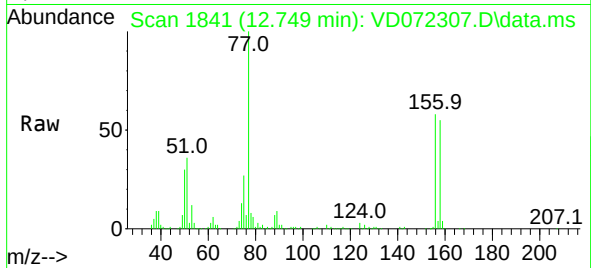




#77  
Bromobenzene  
Concen: 49.222 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

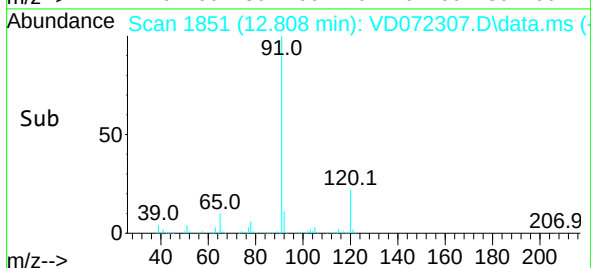
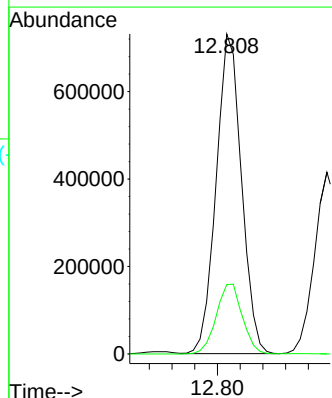
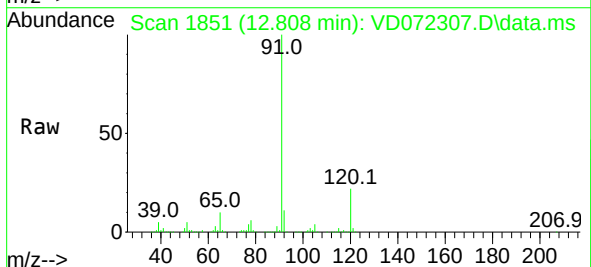
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

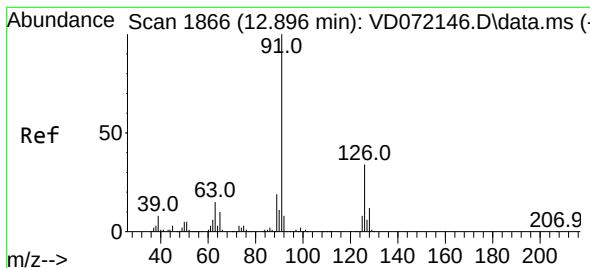
Tgt Ion:156 Resp: 223248  
Ion Ratio Lower Upper  
156 100  
77 186.4 102.8 308.3  
158 94.6 48.7 146.1



#78  
n-propylbenzene  
Concen: 46.109 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 91 Resp: 1128582  
Ion Ratio Lower Upper  
91 100  
120 22.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 47.347 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

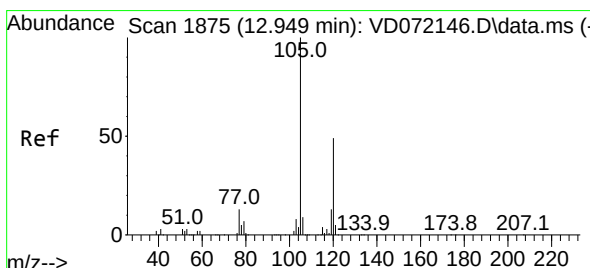
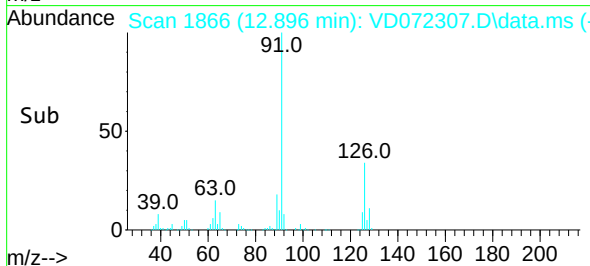
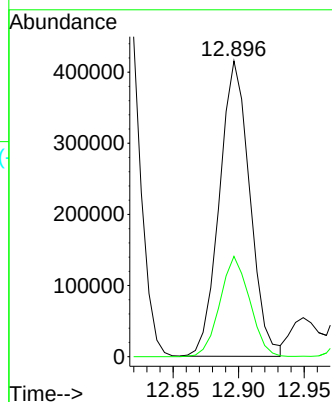
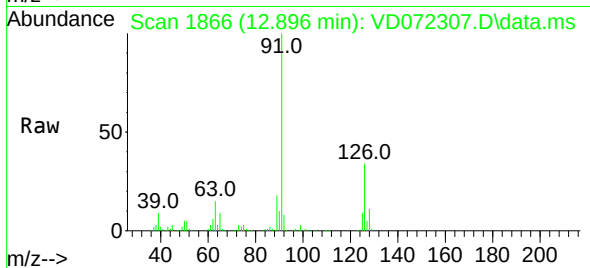
VSTDCCC050

Tgt Ion: 91 Resp: 670128

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 45.888 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VD072307.D

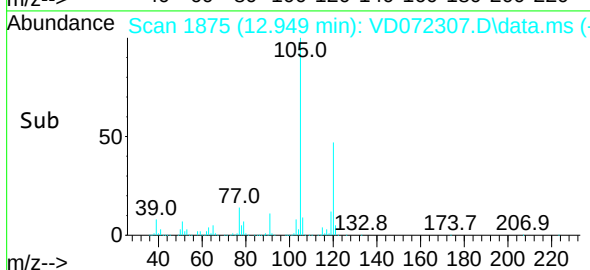
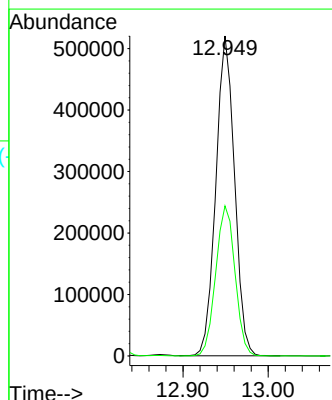
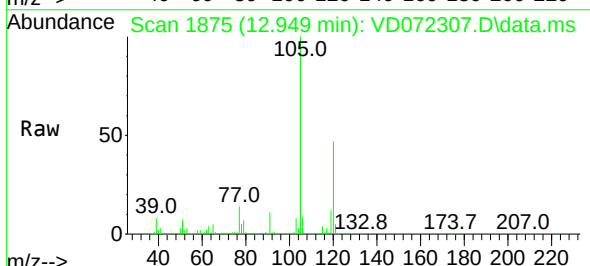
Acq: 18 Mar 2022 23:52

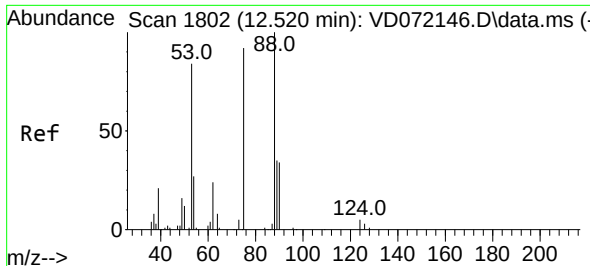
Tgt Ion: 105 Resp: 794399

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8

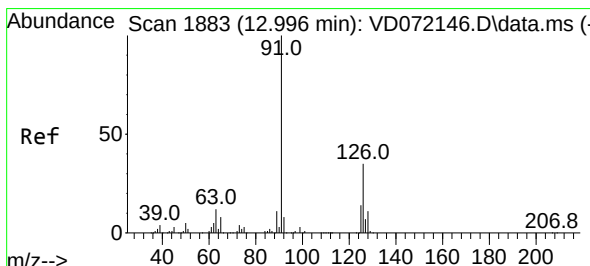
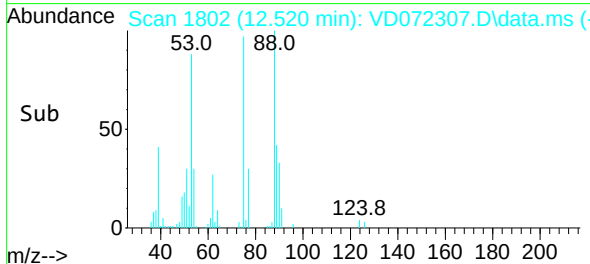
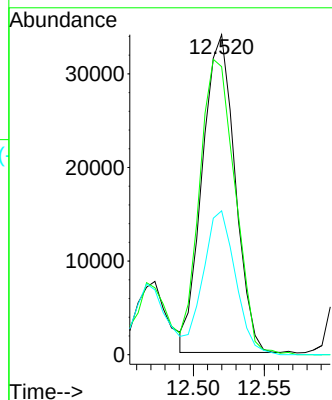
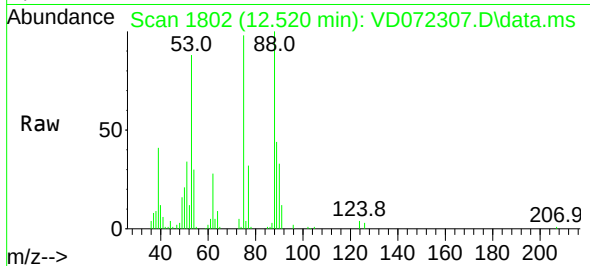




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.024 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

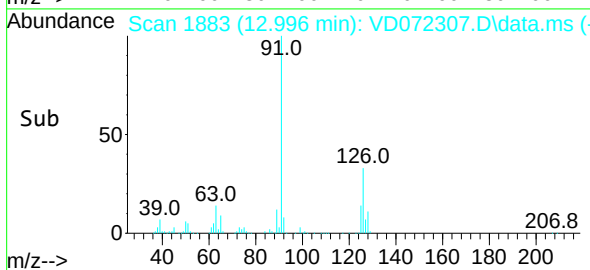
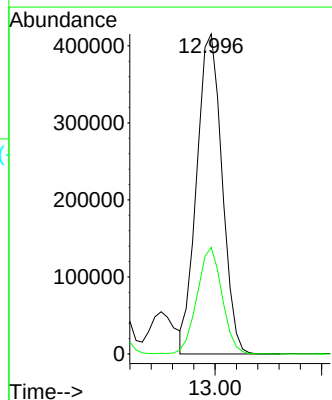
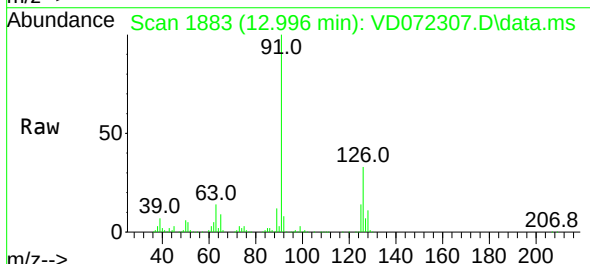
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

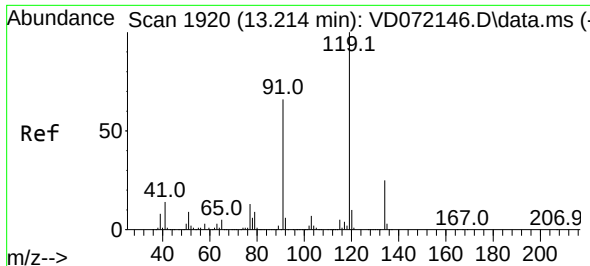
Tgt Ion: 75 Resp: 54294  
Ion Ratio Lower Upper  
75 100  
53 100.8 86.5 129.7  
89 45.3 33.9 50.9



#82  
4-Chlorotoluene  
Concen: 46.833 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 91 Resp: 686334  
Ion Ratio Lower Upper  
91 100  
126 32.9 16.5 49.5

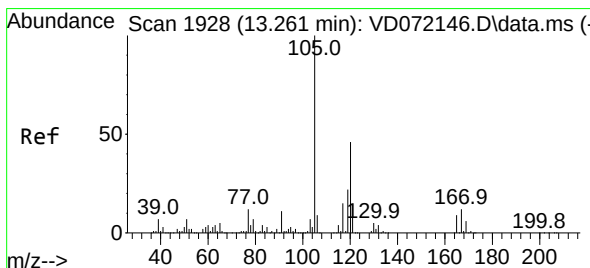
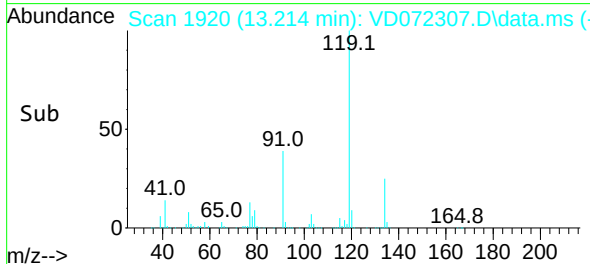
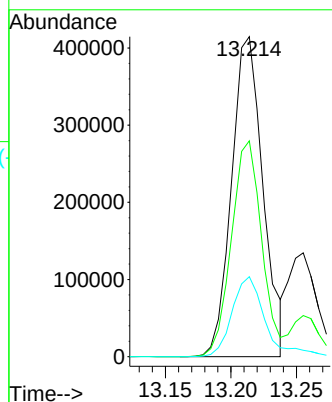
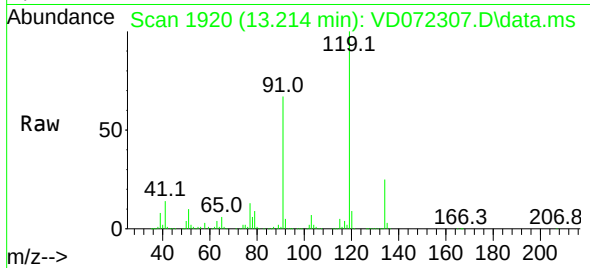




#83  
tert-Butylbenzene  
Concen: 45.620 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

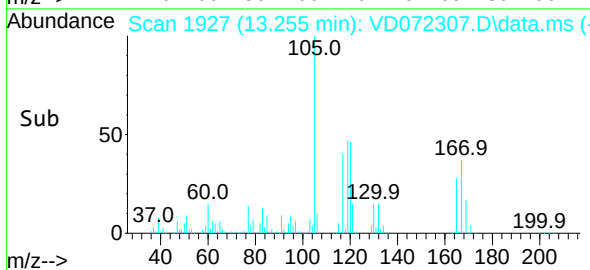
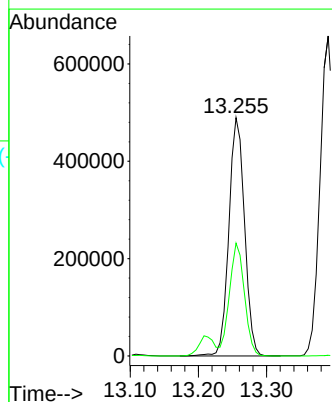
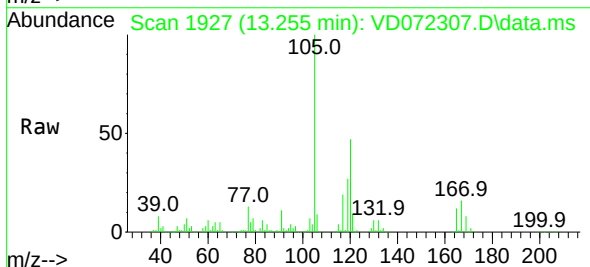
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

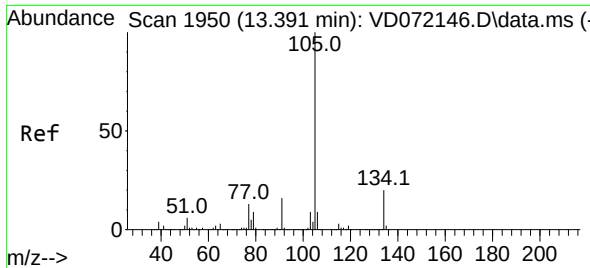
Tgt Ion:119 Resp: 692400  
Ion Ratio Lower Upper  
119 100  
91 64.9 34.8 104.5  
134 26.4 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 45.828 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion:105 Resp: 781714  
Ion Ratio Lower Upper  
105 100  
120 46.0 22.3 66.8

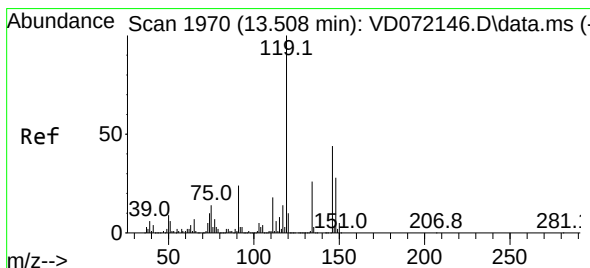
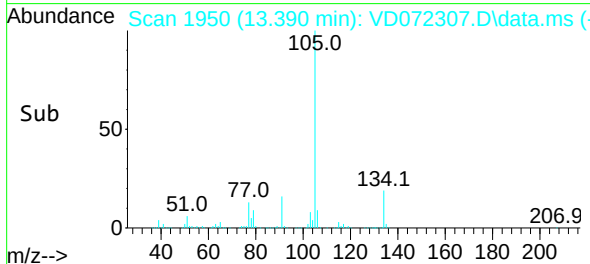
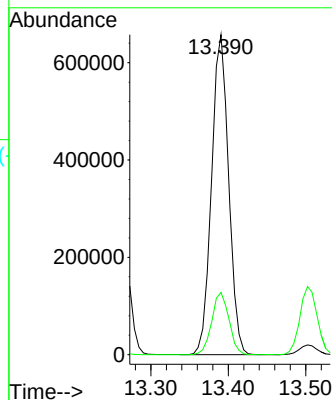
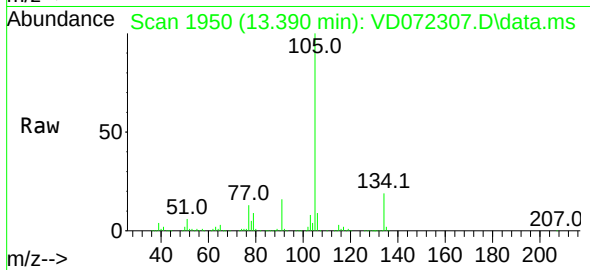




#85  
 sec-Butylbenzene  
 Concen: 44.325 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD072307.D  
 Acq: 18 Mar 2022 23:52

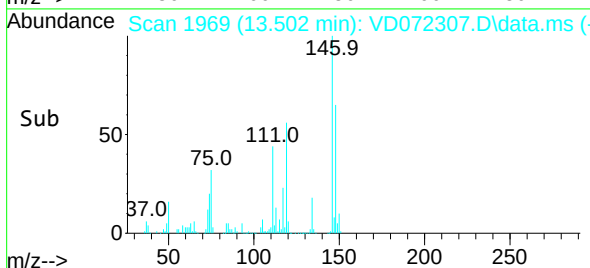
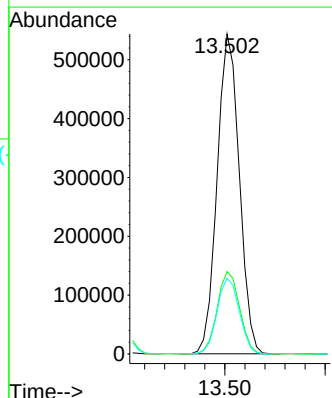
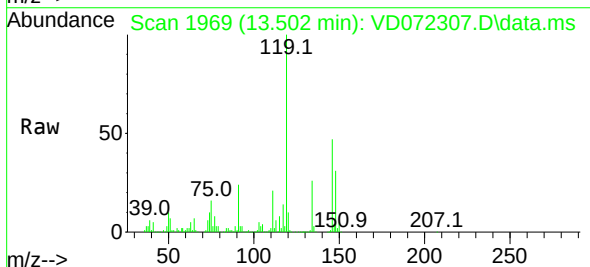
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

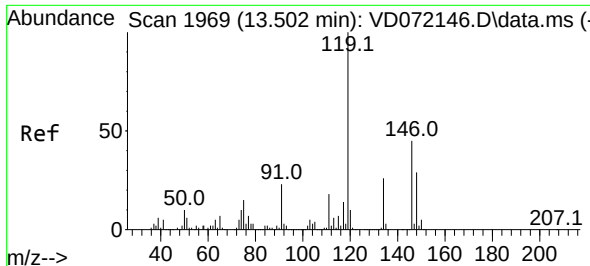
Tgt Ion:105 Resp: 1010289  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 44.387 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD072307.D  
 Acq: 18 Mar 2022 23:52

Tgt Ion:119 Resp: 832497  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.9 38.6  
 91 23.7 12.1 36.3

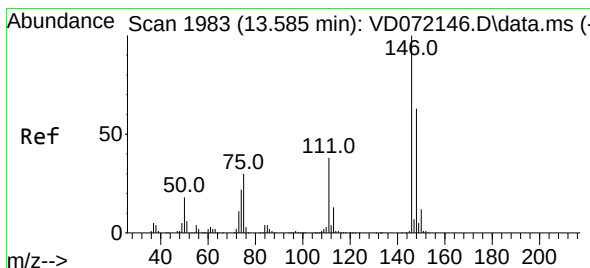
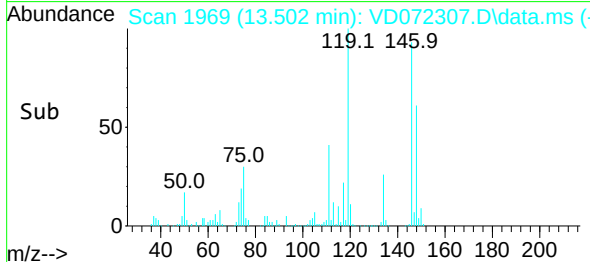
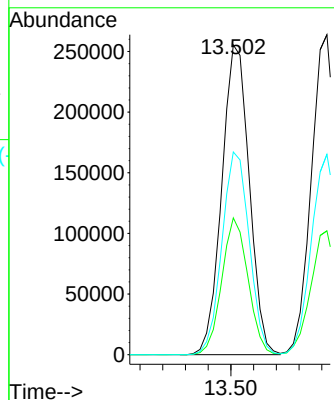
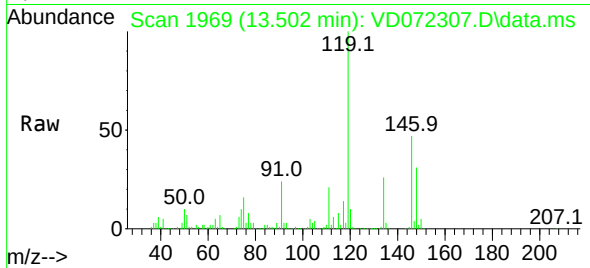




#87  
1,3-Dichlorobenzene  
Concen: 45.174 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

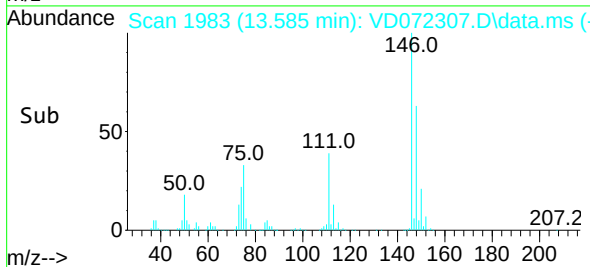
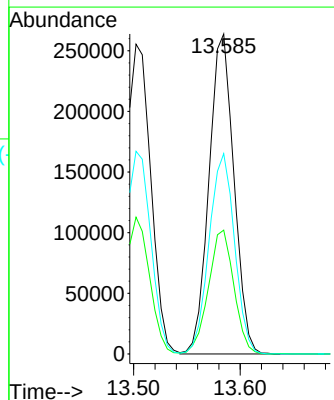
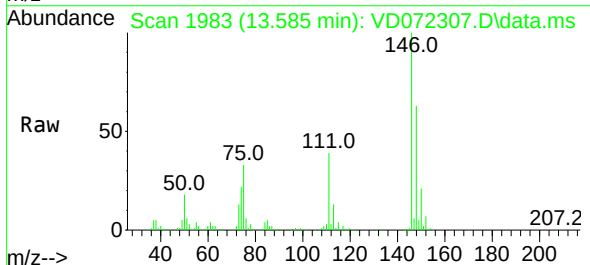
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:146 Resp: 429398  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.4 61.3  
148 65.1 31.9 95.7

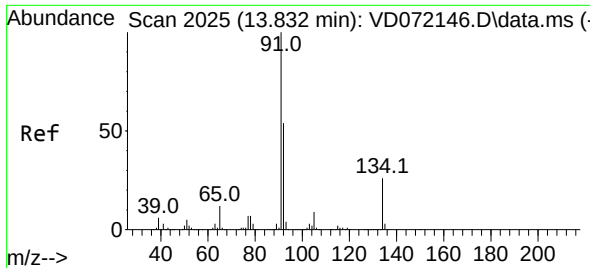


#88  
1,4-Dichlorobenzene  
Concen: 45.475 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion:146 Resp: 428639  
Ion Ratio Lower Upper  
146 100  
111 39.5 20.3 60.9  
148 64.0 31.7 95.1



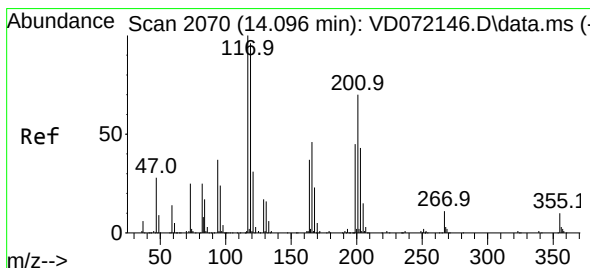
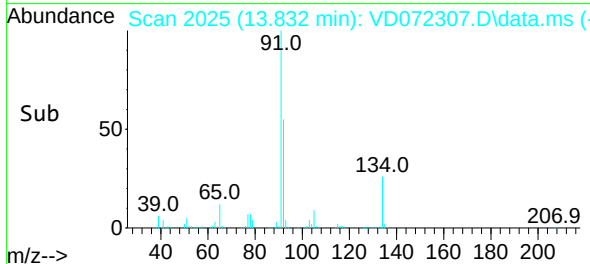
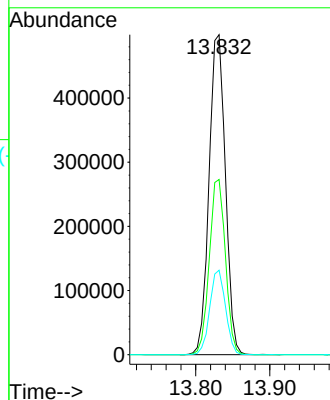
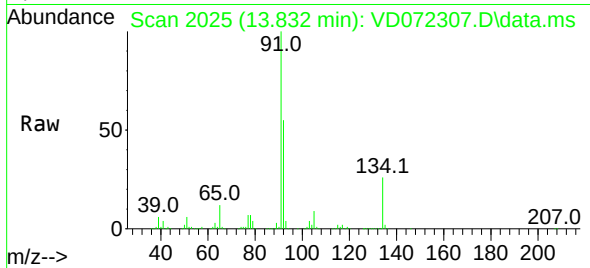




#89  
n-Butylbenzene  
Concen: 42.747 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

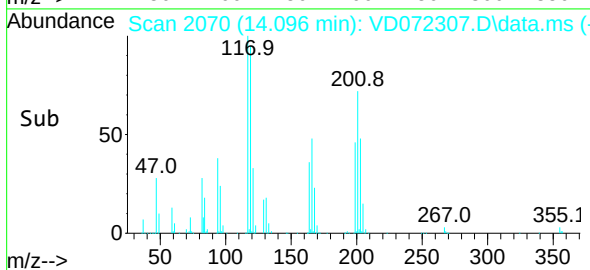
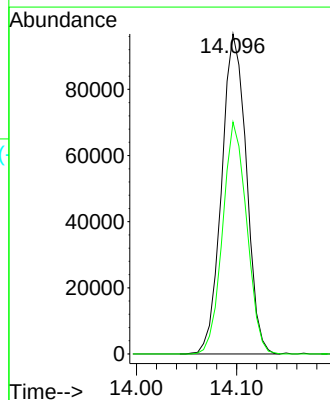
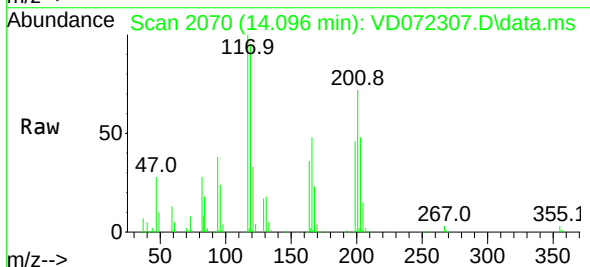
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050

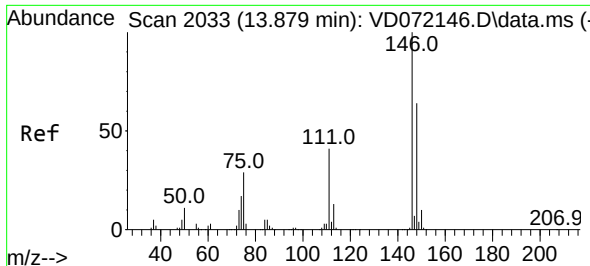
Tgt Ion: 91 Resp: 764195  
Ion Ratio Lower Upper  
91 100  
92 54.1 26.6 79.8  
134 25.5 12.3 36.9



#90  
Hexachloroethane  
Concen: 45.106 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. -0.000 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 117 Resp: 165806  
Ion Ratio Lower Upper  
117 100  
201 70.6 33.4 100.2

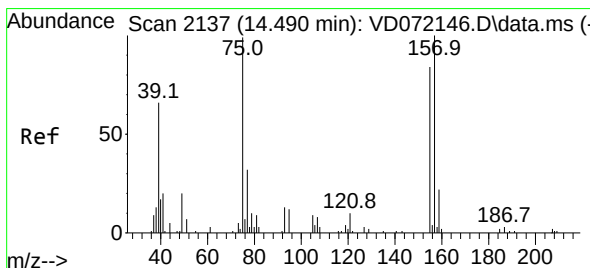
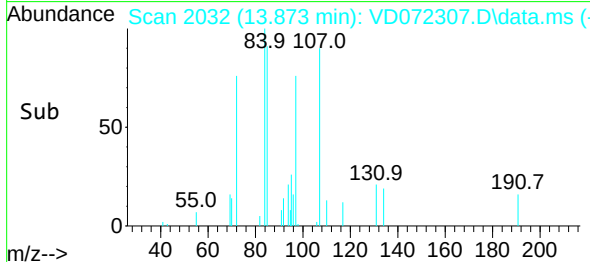
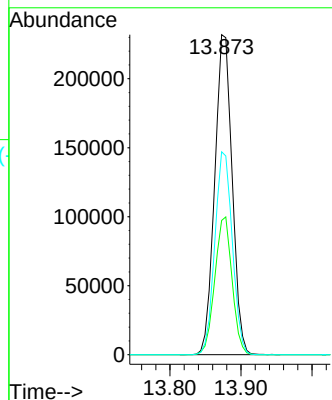
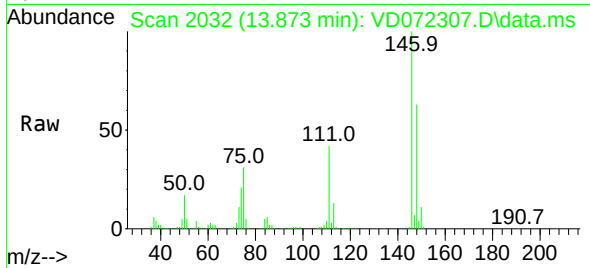




#91  
1,2-Dichlorobenzene  
Concen: 47.629 ug/l  
RT: 13.873 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

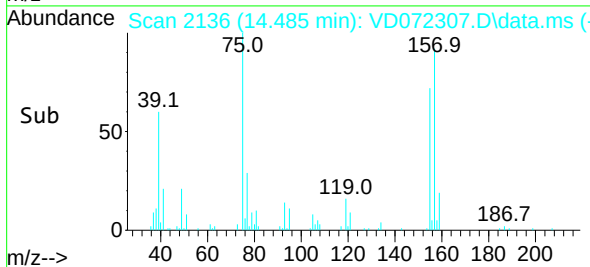
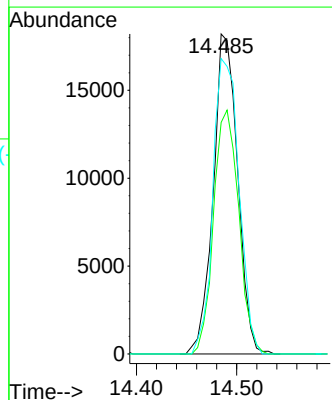
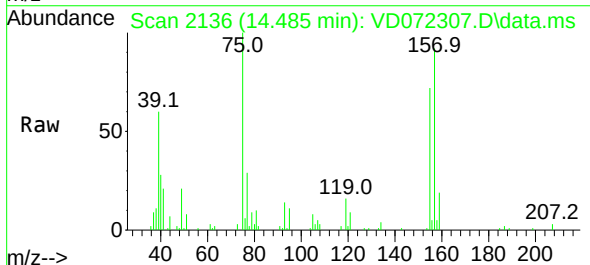
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

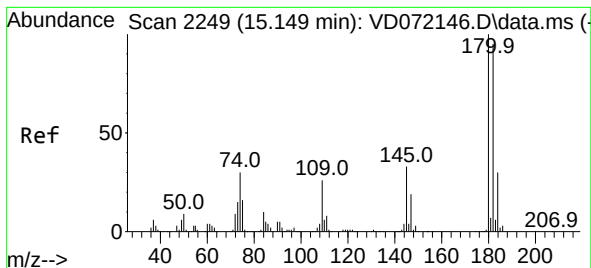
Tgt Ion:146 Resp: 394722  
Ion Ratio Lower Upper  
146 100  
111 42.6 21.1 63.3  
148 63.6 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 53.550 ug/l  
RT: 14.485 min Scan# 2136  
Delta R.T. -0.006 min  
Lab File: VD072307.D  
Acq: 18 Mar 2022 23:52

Tgt Ion: 75 Resp: 30800  
Ion Ratio Lower Upper  
75 100  
155 78.5 36.8 110.3  
157 98.1 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 43.223 ug/l

RT: 15.143 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

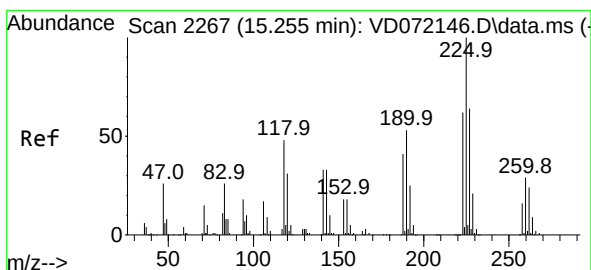
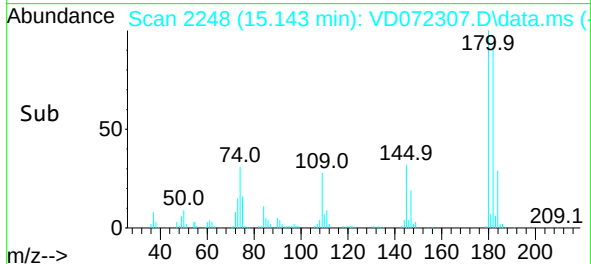
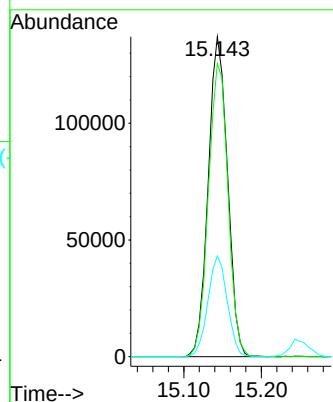
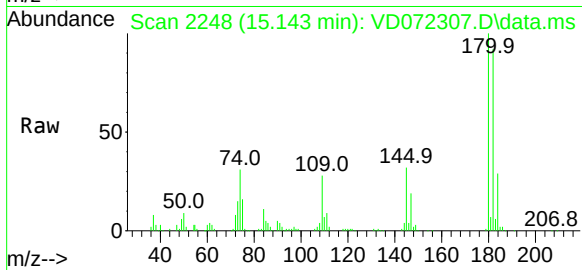
Tgt Ion:180 Resp: 237156

Ion Ratio Lower Upper

180 100

182 92.8 47.3 142.0

145 31.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 40.842 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

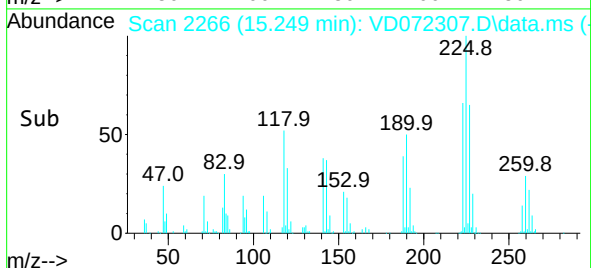
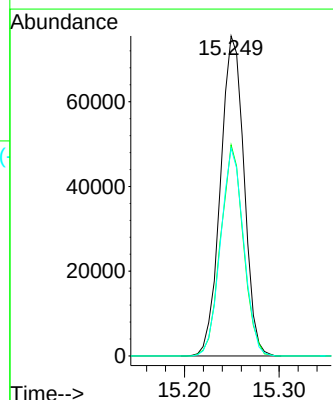
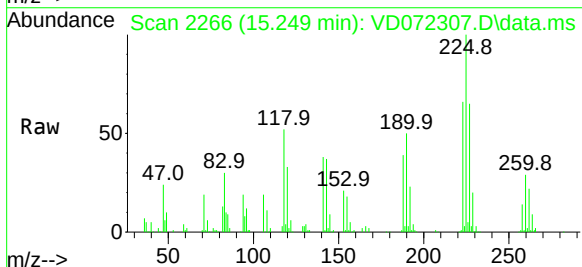
Tgt Ion:225 Resp: 130354

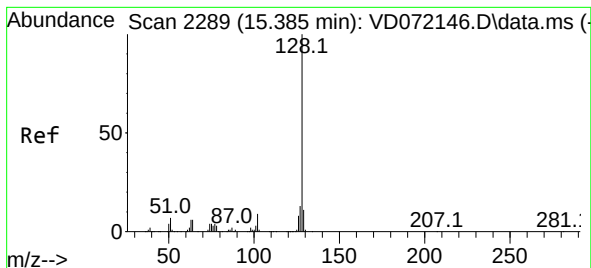
Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.2

227 63.5 32.4 97.0





#95

Naphthalene

Concen: 49.727 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

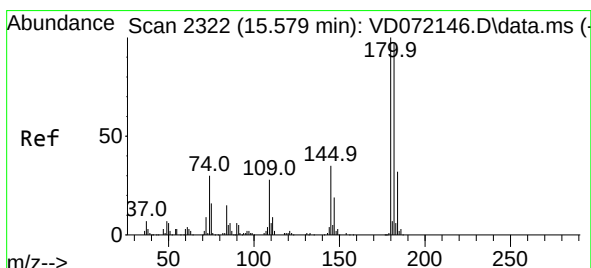
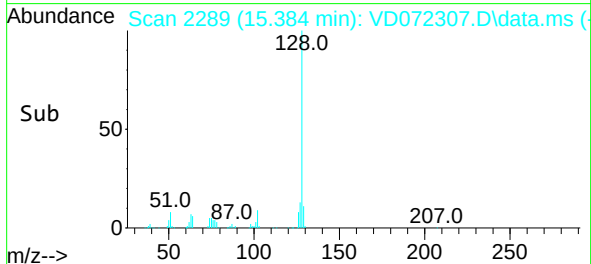
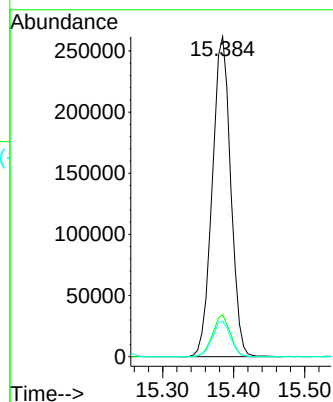
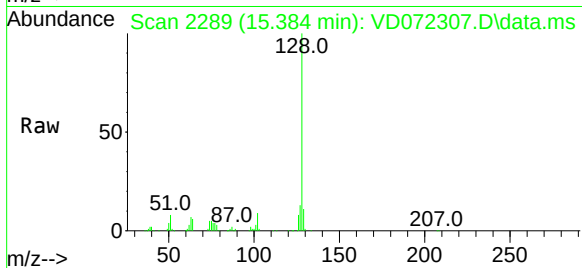
Tgt Ion:128 Resp: 470328

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 45.523 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VD072307.D

Acq: 18 Mar 2022 23:52

Tgt Ion:180 Resp: 216203

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

145 33.1 17.1 51.3

