

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD081721\  
 Data File : VD070078.D  
 Acq On : 17 Aug 2021 10:23  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 18 03:05:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 14 02:33:51 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.979  | 168   | 525227   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861  | 114   | 899256   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638 | 117   | 863696   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567 | 152   | 421762   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326  | 65    | 306170   | 49.562   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 99.120%  |
| 35) Dibromofluoromethane     | 7.914  | 113   | 306830   | 52.813   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 105.620% |
| 50) Toluene-d8               | 10.338 | 98    | 1221143  | 54.040   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 108.080% |
| 62) 4-Bromofluorobenzene     | 12.626 | 95    | 402022   | 54.015   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 108.020% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985  | 85    | 247241   | 48.935   | ug/l   | 99       |
| 3) Chloromethane             | 2.209  | 50    | 356391   | 48.836   | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.344  | 62    | 392671   | 44.175   | ug/l   | 98       |
| 5) Bromomethane              | 2.756  | 94    | 249106   | 51.181   | ug/l   | 90       |
| 6) Chloroethane              | 2.915  | 64    | 254022   | 44.733   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.268  | 101   | 491290   | 46.017   | ug/l   | 96       |
| 8) Diethyl Ether             | 3.709  | 74    | 141674   | 46.369   | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.085  | 101   | 321023   | 47.264   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.297  | 142   | 299477   | 48.224   | ug/l   | 100      |
| 11) Tert butyl alcohol       | 5.220  | 59    | 70162    | 205.484  | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.067  | 96    | 293012   | 46.958   | ug/l   | 96       |
| 13) Acrolein                 | 3.926  | 56    | 89501    | 227.563  | ug/l   | 99       |
| 14) Allyl chloride           | 4.714  | 41    | 435789   | 46.805   | ug/l   | 98       |
| 15) Acrylonitrile            | 5.414  | 53    | 342377   | 241.667  | ug/l   | 99       |
| 16) Acetone                  | 4.150  | 43    | 316293   | 277.938  | ug/l   | 93       |
| 17) Carbon Disulfide         | 4.409  | 76    | 1054054  | 46.721   | ug/l   | 100      |
| 18) Methyl Acetate           | 4.720  | 43    | 161695   | 47.657   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.473  | 73    | 633111   | 48.888   | ug/l   | 98       |
| 20) Methylene Chloride       | 4.956  | 84    | 390373   | 50.398   | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 5.473  | 96    | 357086   | 49.266   | ug/l   | 91       |
| 22) Diisopropyl ether        | 6.361  | 45    | 989821   | 50.548   | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.303  | 43    | 2269406  | 255.723  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.261  | 63    | 632458   | 47.207   | ug/l   | 99       |
| 25) 2-Butanone               | 7.208  | 43    | 397639   | 255.717  | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 7.203  | 77    | 510626   | 48.950   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.208  | 96    | 377213   | 49.006   | ug/l   | 99       |
| 28) Bromochloromethane       | 7.544  | 49    | 245369   | 50.328   | ug/l   | 98       |
| 29) Tetrahydrofuran          | 7.561  | 42    | 255777   | 251.199  | ug/l   | 98       |
| 30) Chloroform               | 7.708  | 83    | 641240   | 48.668   | ug/l   | 99       |
| 31) Cyclohexane              | 7.985  | 56    | 573746   | 46.924   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 7.903  | 97    | 531932   | 48.311   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.108  | 75    | 504548   | 52.154   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.291  | 43    | 182602   | 51.966   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.097  | 117   | 458688   | 52.226   | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.355  | 83    | 591639   | 52.527   | ug/l   | 99       |
| 40) Benzene                  | 8.350  | 78    | 1442814  | 51.420   | ug/l   | 96       |

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 Sample : VSTDCCC050  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 18 03:05:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 14 02:33:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 92559    | 48.721   | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 370603   | 51.535   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 329949   | 50.296   | ug/l   | 99       |
| 44) Trichloroethene           | 9.108  | 130  | 343177   | 50.628   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 377685   | 51.819   | ug/l   | 99       |
| 46) Dibromomethane            | 9.467  | 93   | 186535   | 52.692   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.655  | 83   | 481745   | 52.598   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.455  | 41   | 167249   | 53.462   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.455  | 88   | 42706    | 1108.507 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 936492   | 274.546  | ug/l   | 99       |
| 52) Toluene                   | 10.397 | 92   | 908933   | 53.219   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 420269   | 51.804   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 502174   | 50.999   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 259259   | 51.688   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 314124   | 55.033   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 456725   | 52.598   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 872404   | 289.784  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.979 | 43   | 653808   | 286.206  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.132 | 129  | 302089   | 52.575   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 243927   | 53.718   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.867 | 164  | 276495   | 49.623   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.667 | 112  | 908116   | 50.323   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 327953   | 51.175   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.738 | 91   | 1672763  | 52.428   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.849 | 106  | 1318062  | 106.598  | ug/l   | 98       |
| 69) o-Xylene                  | 12.173 | 106  | 588622   | 52.760   | ug/l   | 98       |
| 70) Styrene                   | 12.185 | 104  | 1060950  | 54.296   | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 159766   | 51.169   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.473 | 105  | 1556321  | 50.602   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 325667   | 49.111   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 302772   | 49.337   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 374485   | 87.553   | ug/l # | 1        |
| 77) Bromobenzene              | 12.755 | 156  | 334647   | 49.022   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.814 | 91   | 2051245  | 51.715   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 1134516  | 49.715   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 1348679  | 51.508   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 81485    | 49.449   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 1193044  | 49.928   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 1091088  | 51.267   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 1353332  | 52.104   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.390 | 105  | 1758327  | 51.566   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 1435717  | 52.117   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 719274   | 49.591   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 699677   | 48.704   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.832 | 91   | 1402476  | 51.881   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.102 | 117  | 288859   | 49.690   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 613295   | 49.347   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 42894    | 46.795   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 337473   | 48.829   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 204251   | 50.029   | ug/l   | 99       |
| 95) Naphthalene               | 15.385 | 128  | 624112   | 49.616   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 296465   | 49.139   | ug/l   | 100      |

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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
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Quant Time: Aug 18 03:05:01 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 14 02:33:51 2021  
Response via : Initial Calibration

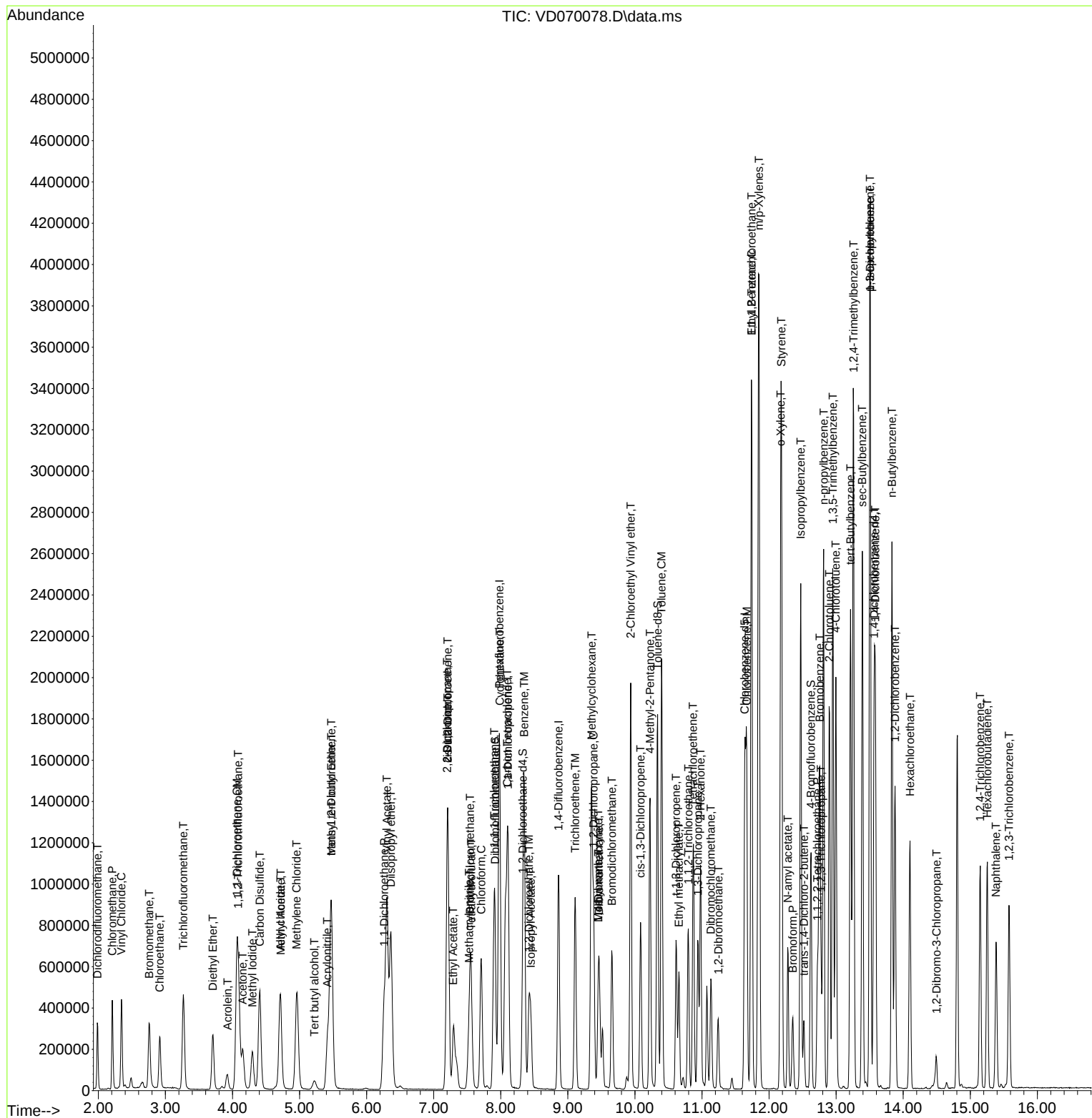
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

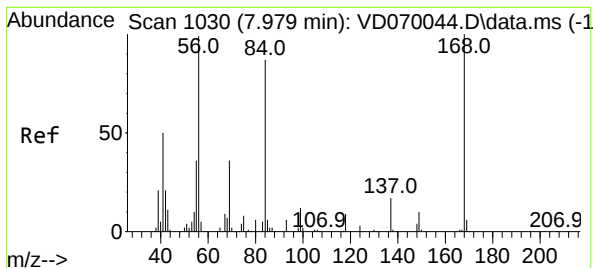
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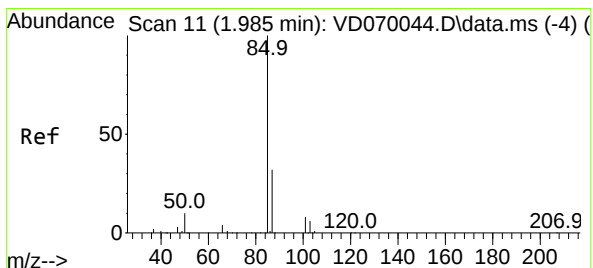
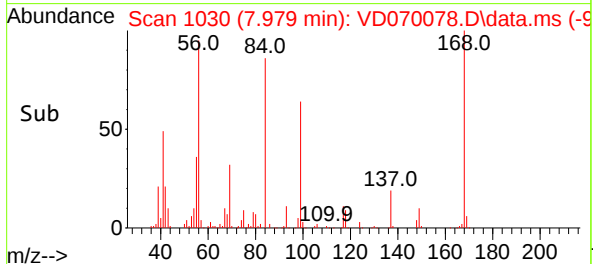
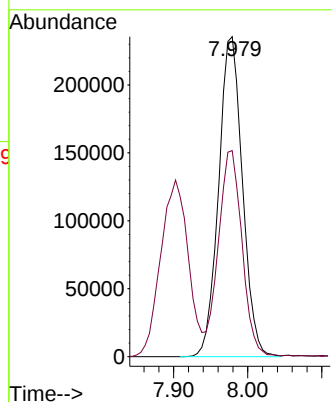
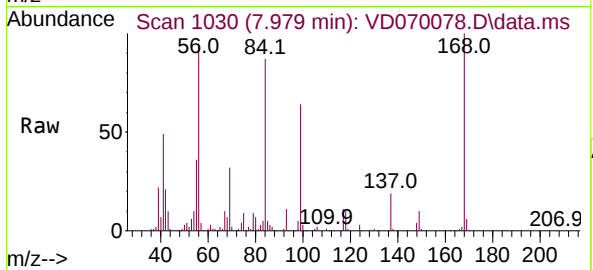




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

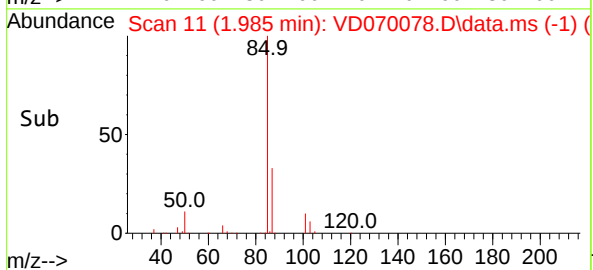
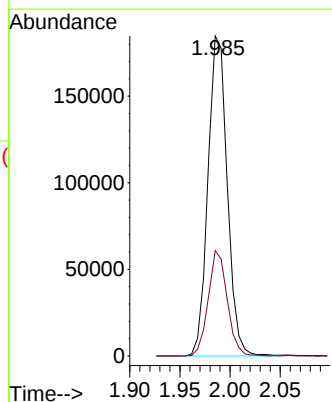
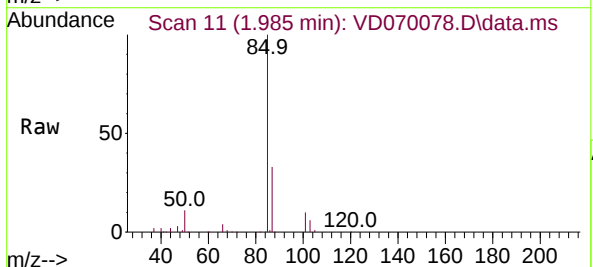
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

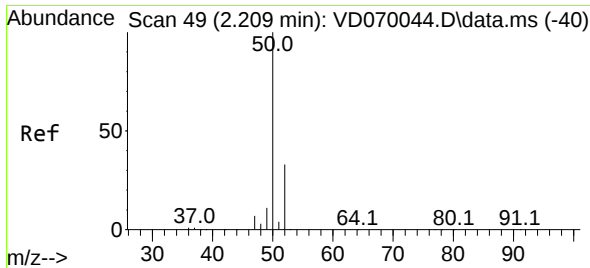
Tgt Ion:168 Resp: 525227  
Ion Ratio Lower Upper  
168 100  
99 64.1 50.3 75.5



#2  
Dichlorodifluoromethane  
Concen: 48.935 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 85 Resp: 247241  
Ion Ratio Lower Upper  
85 100  
87 32.9 16.2 48.6

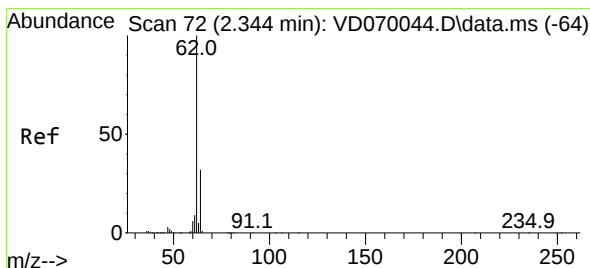
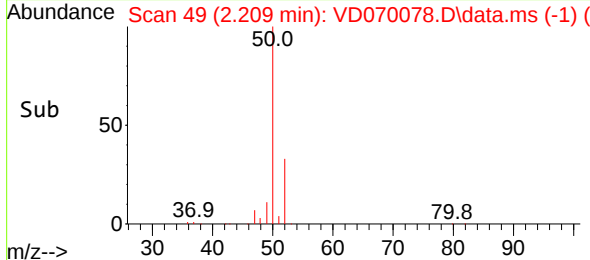
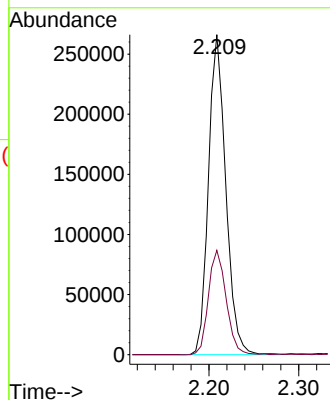
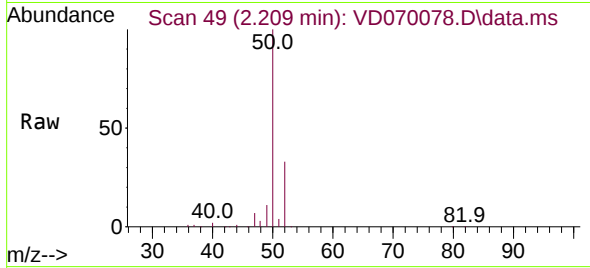




#3  
Chloromethane  
Concen: 48.836 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

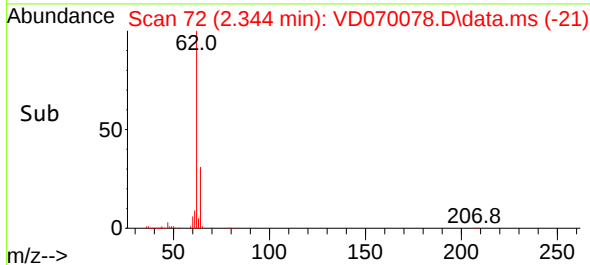
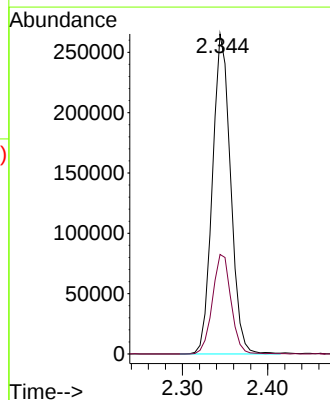
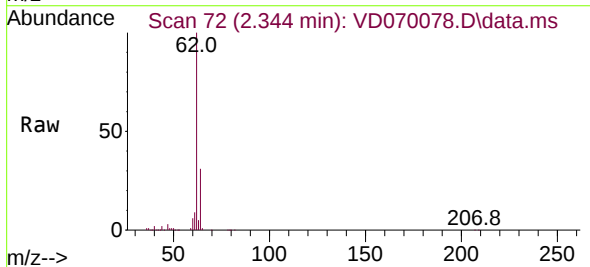
Instrument :  
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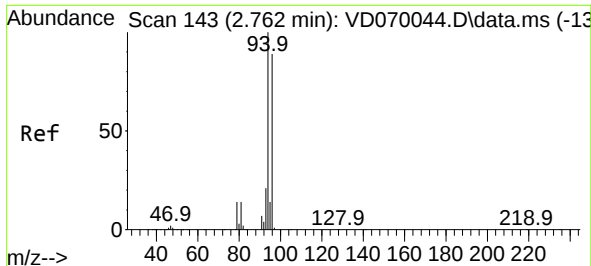
Tgt Ion: 50 Resp: 356391  
Ion Ratio Lower Upper  
50 100  
52 32.6 26.3 39.5



#4  
Vinyl Chloride  
Concen: 44.175 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 62 Resp: 392671  
Ion Ratio Lower Upper  
62 100  
64 31.1 25.7 38.5

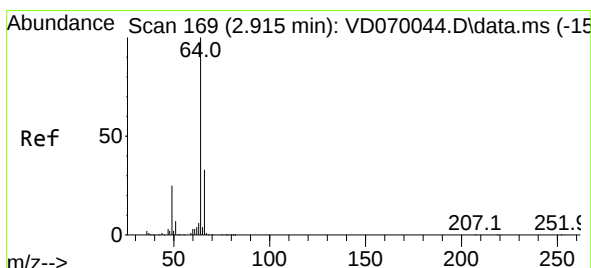
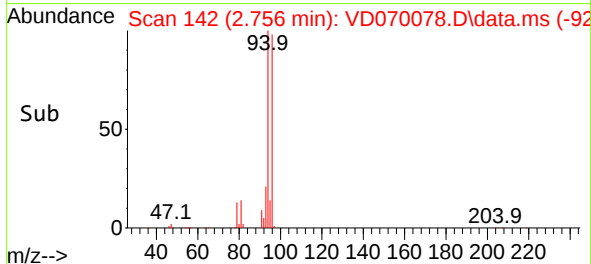
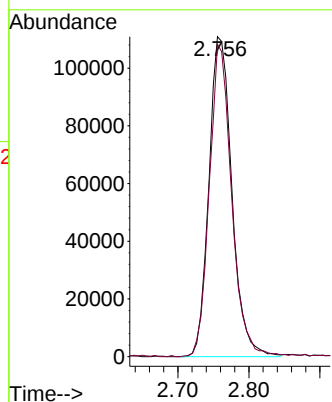
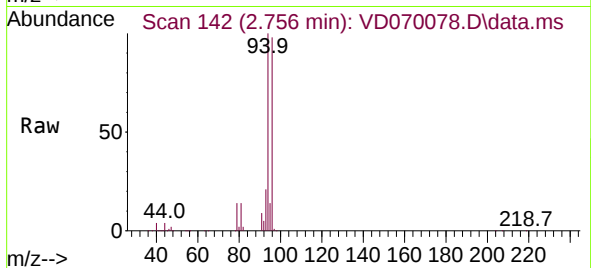




#5  
Bromomethane  
Concen: 51.181 ug/l  
RT: 2.756 min Scan# 142  
Delta R.T. -0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

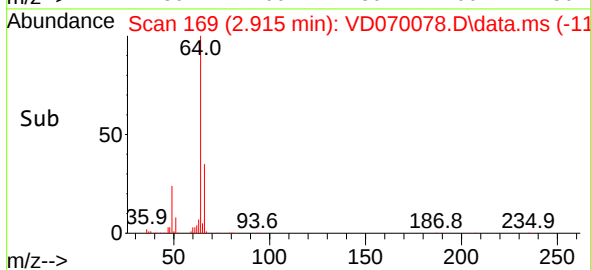
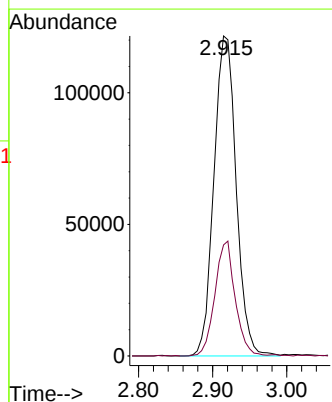
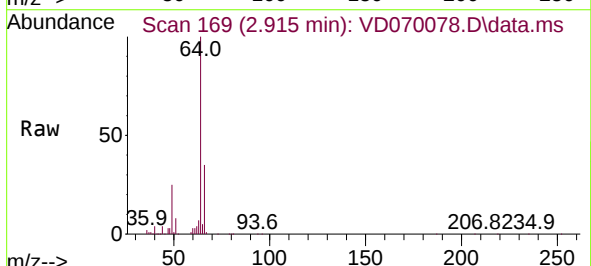
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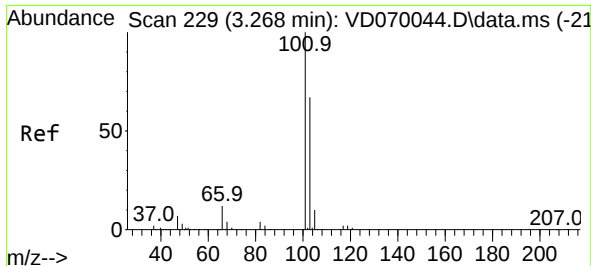
Tgt Ion: 94 Resp: 249106  
Ion Ratio Lower Upper  
94 100  
96 97.6 70.9 106.3



#6  
Chloroethane  
Concen: 44.733 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

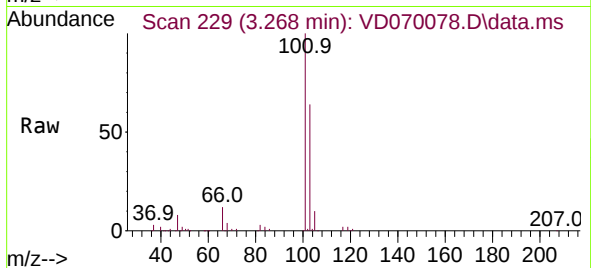
Tgt Ion: 64 Resp: 254022  
Ion Ratio Lower Upper  
64 100  
66 34.7 26.0 39.0



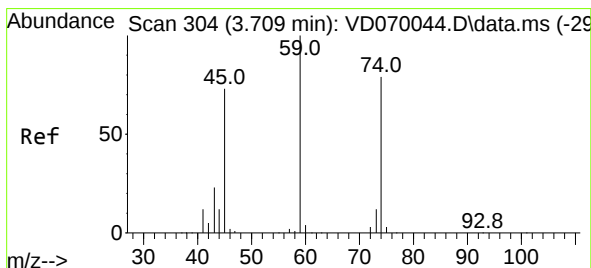
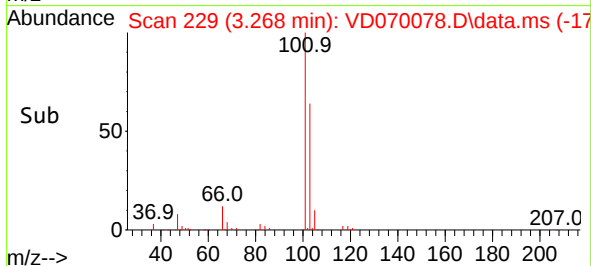
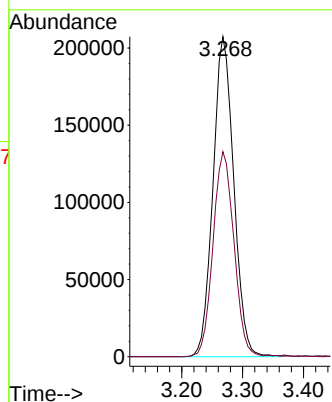


#7  
 Trichlorofluoromethane  
 Concen: 46.017 ug/l  
 RT: 3.268 min Scan# 229  
 Delta R.T. -0.000 min  
 Lab File: VD070078.D  
 Acq: 17 Aug 2021 10:23

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

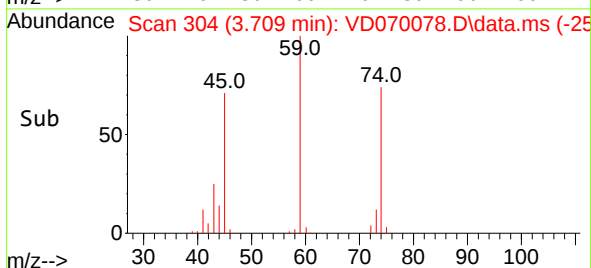
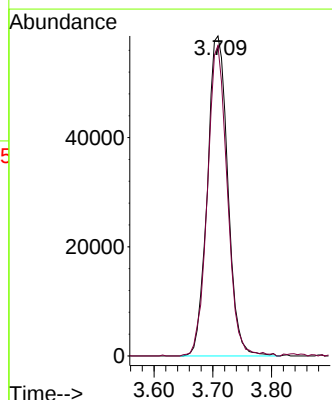
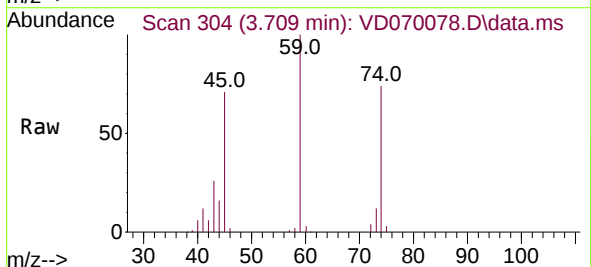


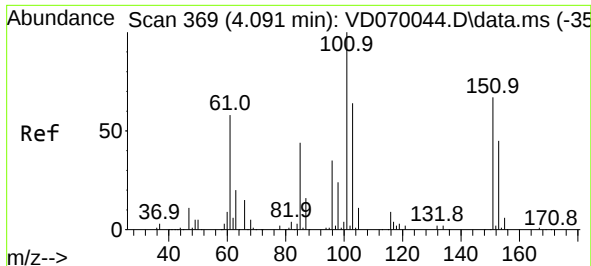
Tgt Ion:101 Resp: 491290  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 53.9 80.9



#8  
 Diethyl Ether  
 Concen: 46.369 ug/l  
 RT: 3.709 min Scan# 304  
 Delta R.T. -0.000 min  
 Lab File: VD070078.D  
 Acq: 17 Aug 2021 10:23

Tgt Ion: 74 Resp: 141674  
 Ion Ratio Lower Upper  
 74 100  
 45 94.4 48.6 145.9

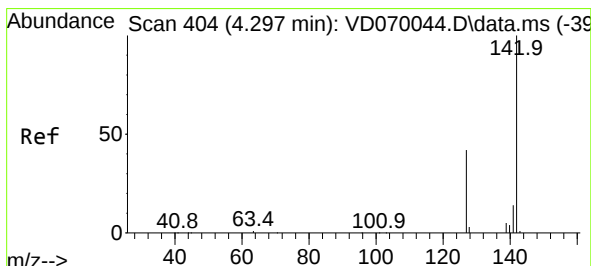
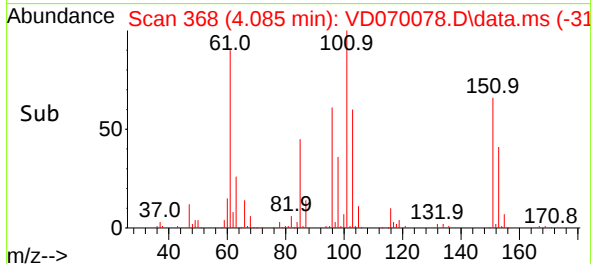
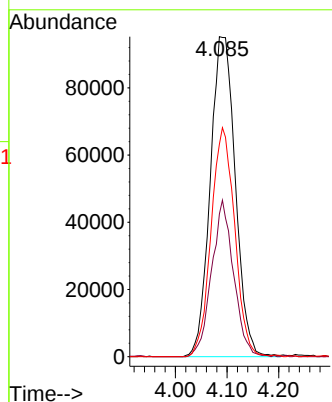
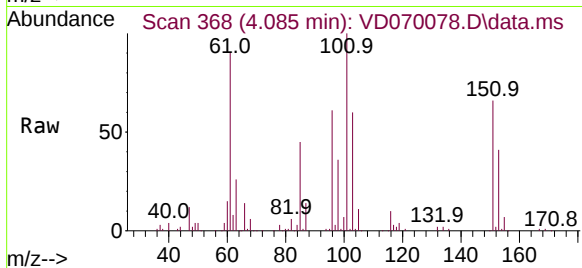




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.264 ug/l  
RT: 4.085 min Scan# 368  
Delta R.T. -0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

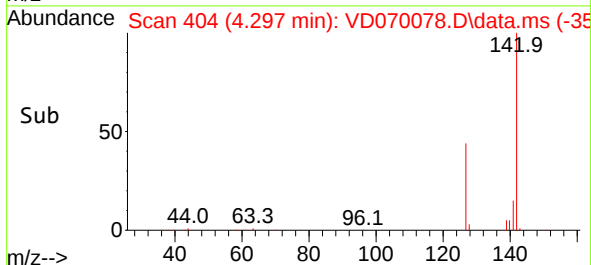
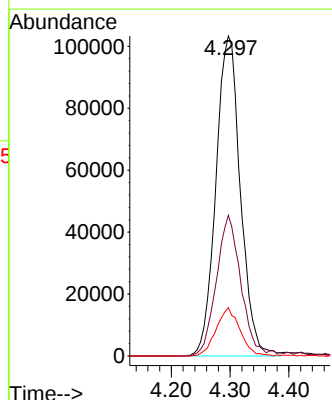
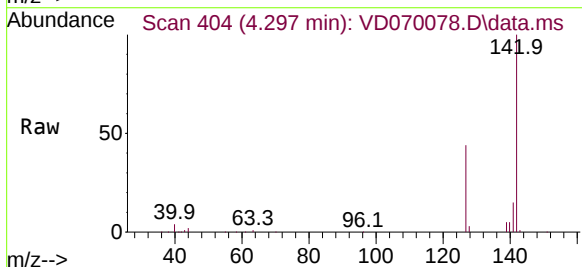
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

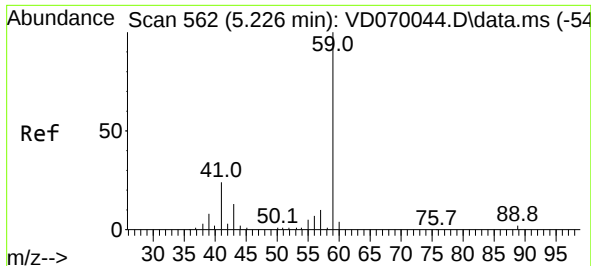
Tgt Ion:101 Resp: 321023  
Ion Ratio Lower Upper  
101 100  
85 42.9 34.6 52.0  
151 67.3 55.0 82.6



#10  
Methyl Iodide  
Concen: 48.224 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion:142 Resp: 299477  
Ion Ratio Lower Upper  
142 100  
127 44.3 35.4 53.0  
141 14.6 12.1 18.1



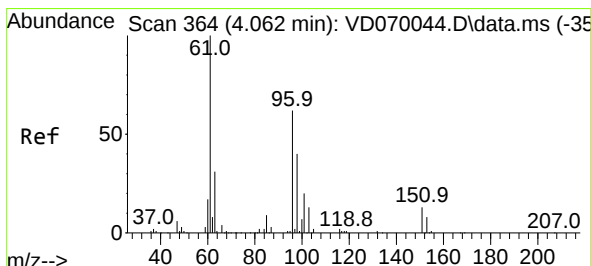
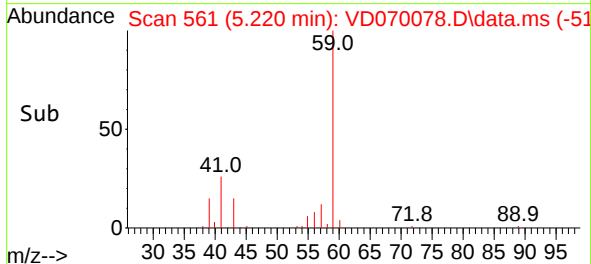
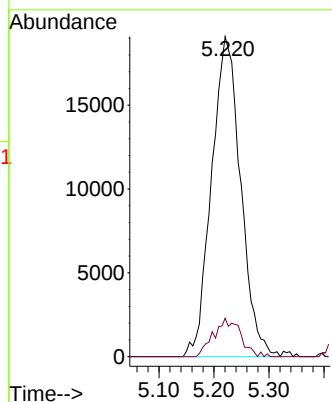
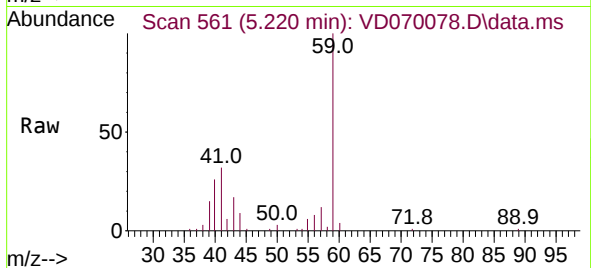


#11

Tert butyl alcohol  
Concen: 205.484 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. -0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

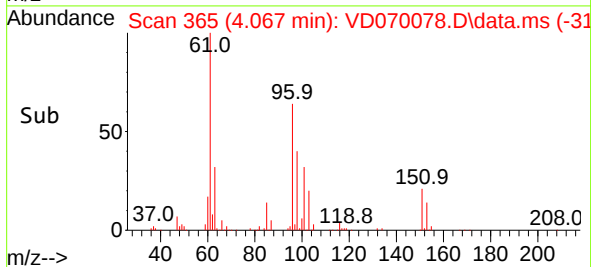
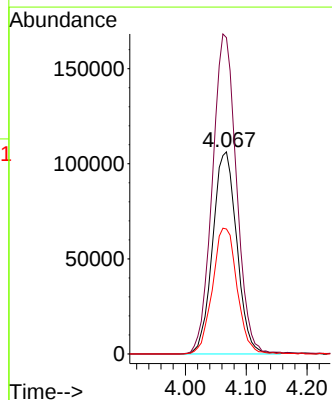
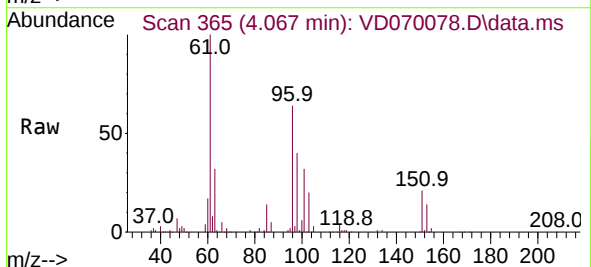
Tgt Ion: 59 Resp: 70162  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.8 13.2

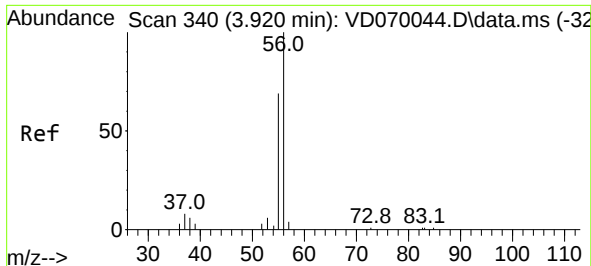


#12

1,1-Dichloroethene  
Concen: 46.958 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. 0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 96 Resp: 293012  
Ion Ratio Lower Upper  
96 100  
61 156.5 129.1 193.7  
98 61.8 52.0 78.0

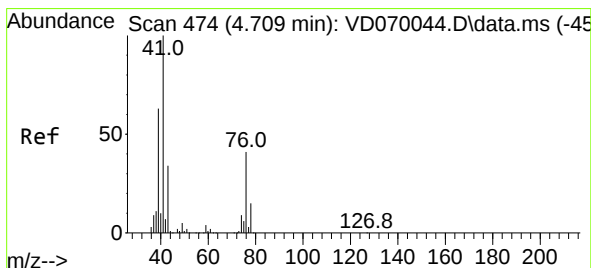
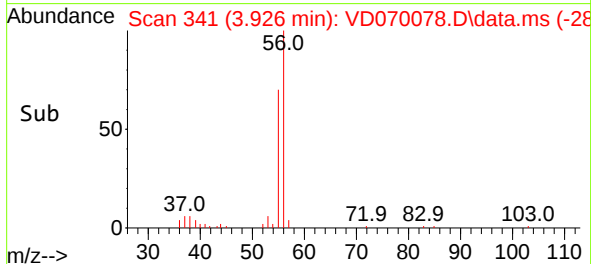
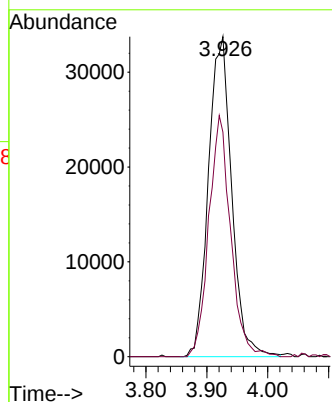
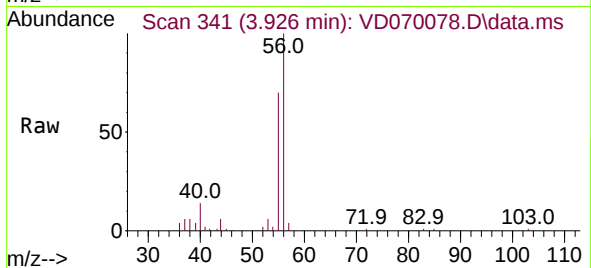




#13  
Acrolein  
Concen: 227.563 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

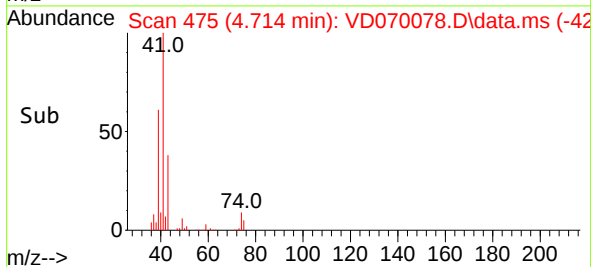
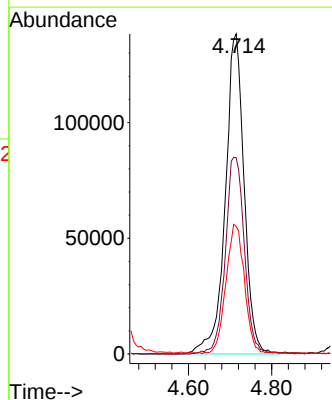
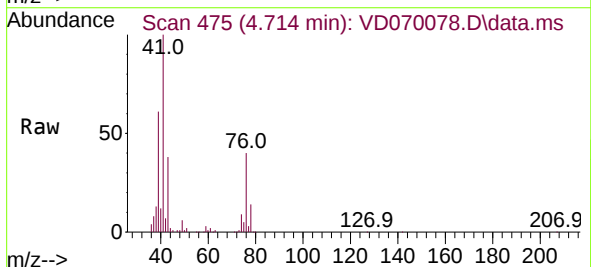
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

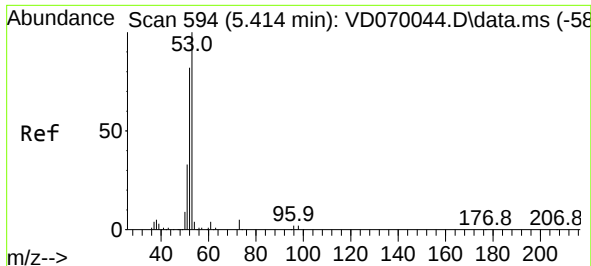
Tgt Ion: 56 Resp: 89501  
Ion Ratio Lower Upper  
56 100  
55 70.7 57.4 86.0



#14  
Allyl chloride  
Concen: 46.805 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. 0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 41 Resp: 435789  
Ion Ratio Lower Upper  
41 100  
39 62.0 47.9 71.9  
76 39.6 31.6 47.4

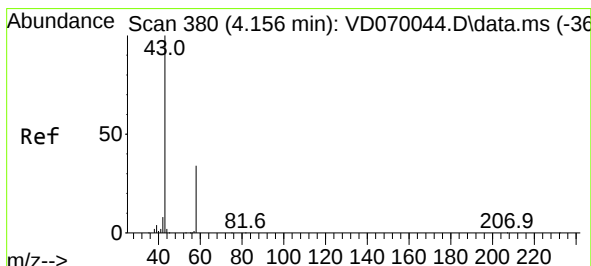
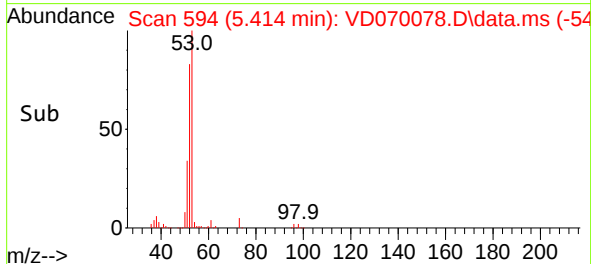
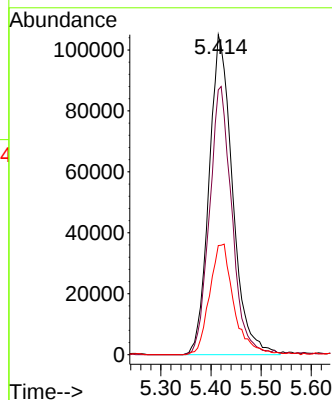
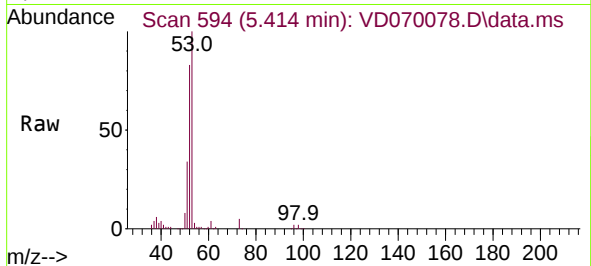




#15  
Acrylonitrile  
Concen: 241.667 ug/l  
RT: 5.414 min Scan# 594  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

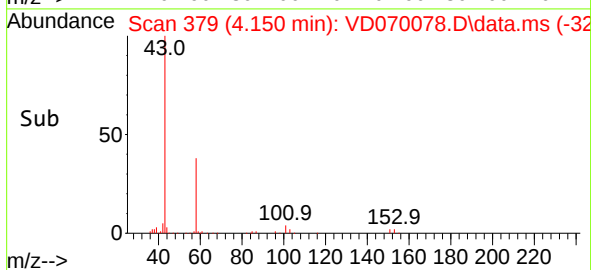
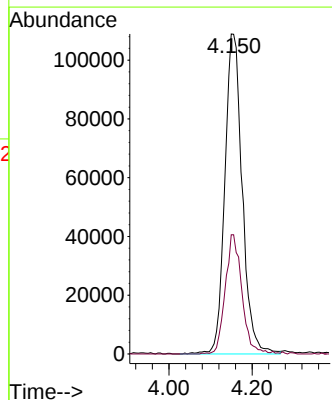
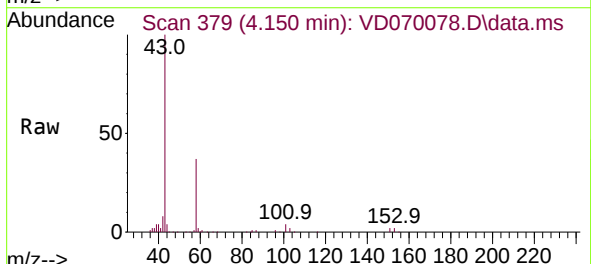
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

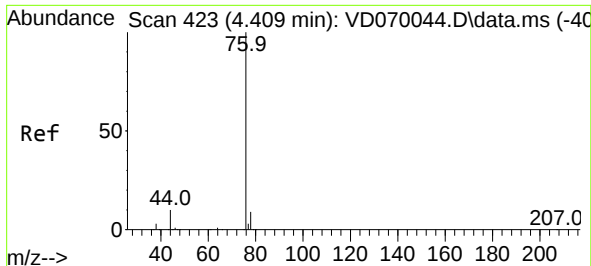
Tgt Ion: 53 Resp: 342377  
Ion Ratio Lower Upper  
53 100  
52 80.1 64.5 96.7  
51 35.7 28.2 42.4



#16  
Acetone  
Concen: 277.938 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 43 Resp: 316293  
Ion Ratio Lower Upper  
43 100  
58 37.3 26.8 40.2

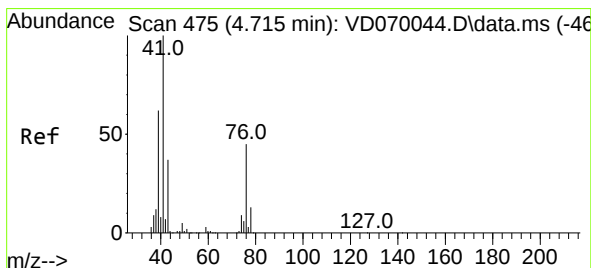
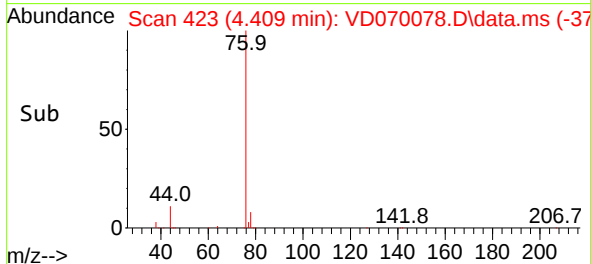
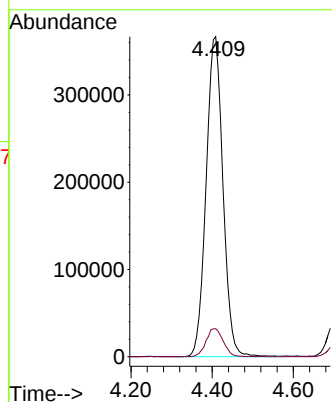
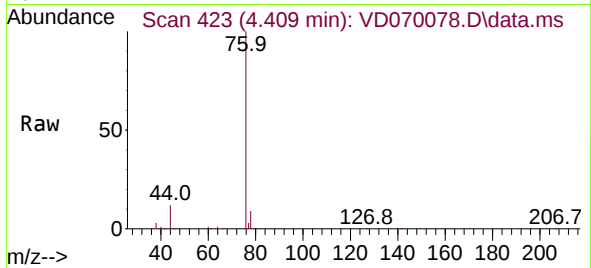




#17  
Carbon Disulfide  
Concen: 46.721 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

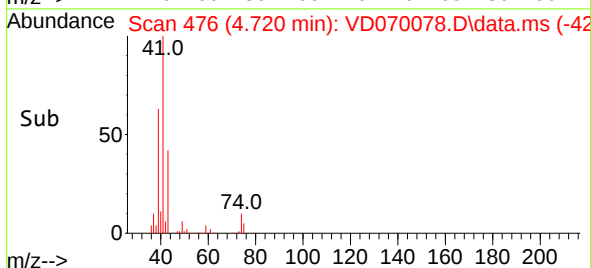
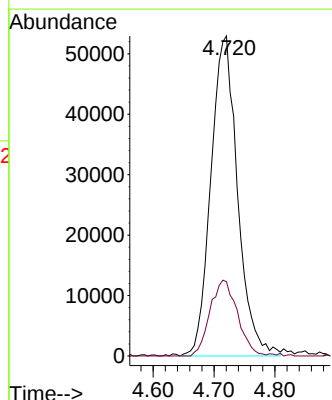
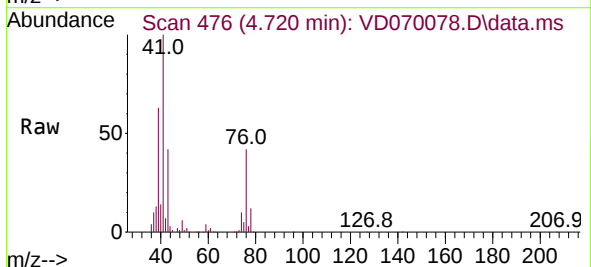
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

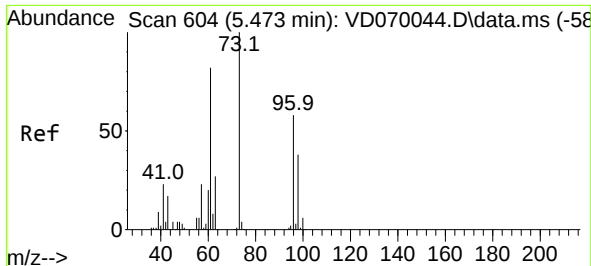
Tgt Ion: 76 Resp: 1054054  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.1 10.7



#18  
Methyl Acetate  
Concen: 47.657 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 43 Resp: 161695  
Ion Ratio Lower Upper  
43 100  
74 24.2 20.2 30.2

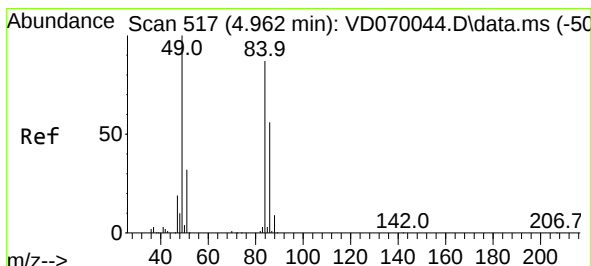
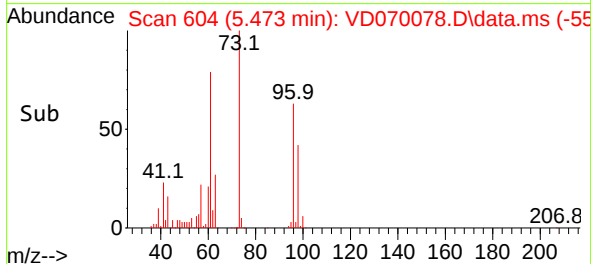
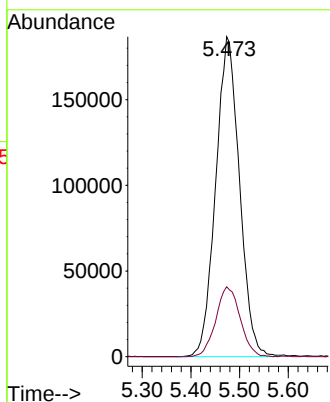
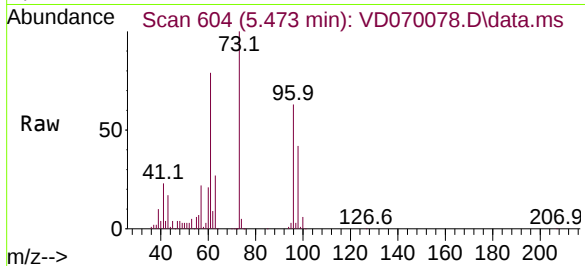




#19  
Methyl tert-butyl Ether  
Concen: 48.888 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

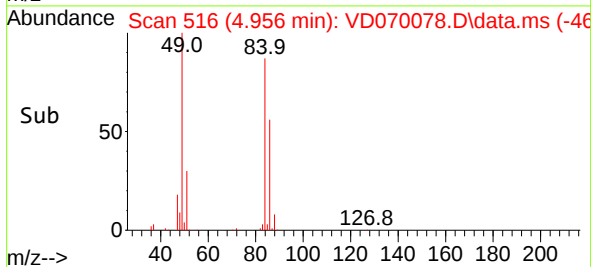
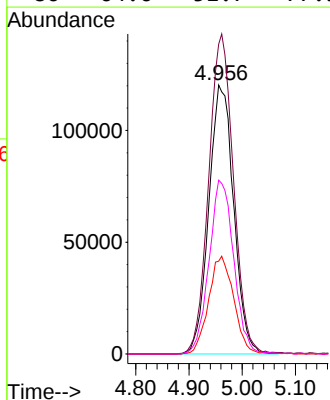
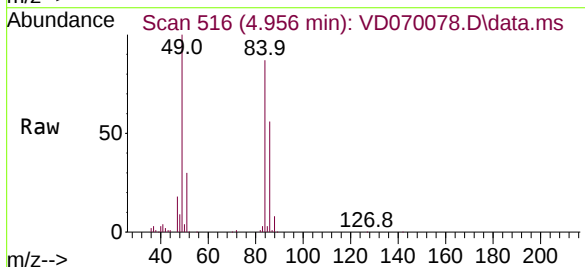
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

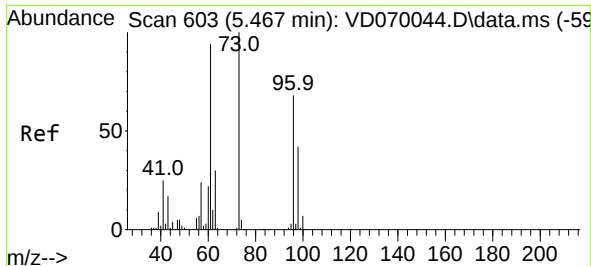
Tgt Ion: 73 Resp: 633111  
Ion Ratio Lower Upper  
73 100  
57 21.9 18.2 27.4



#20  
Methylene Chloride  
Concen: 50.398 ug/l  
RT: 4.956 min Scan# 516  
Delta R.T. -0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 84 Resp: 390373  
Ion Ratio Lower Upper  
84 100  
49 115.0 92.5 138.7  
51 34.5 29.7 44.5  
86 64.6 51.7 77.5

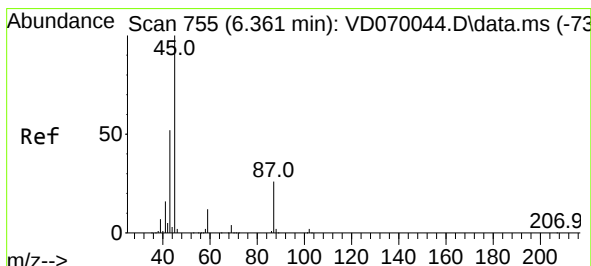
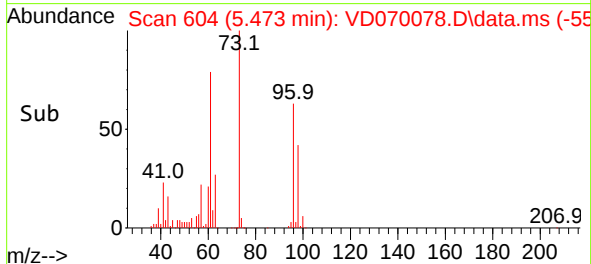
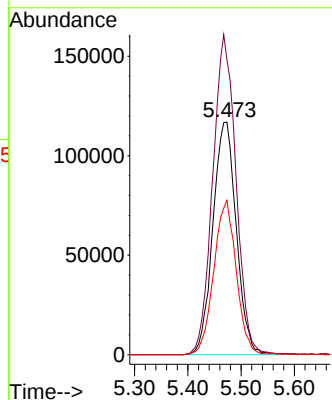
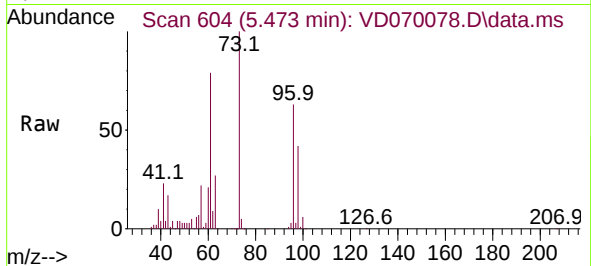




#21  
trans-1,2-Dichloroethene  
Concen: 49.266 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

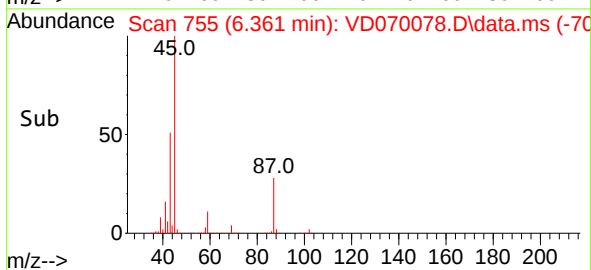
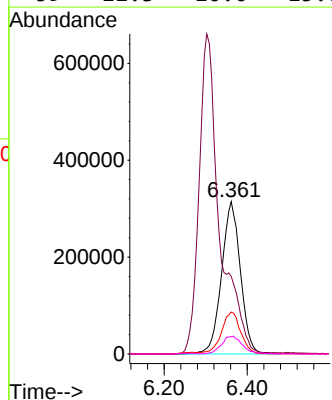
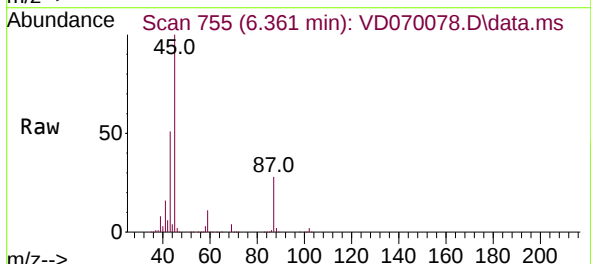
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

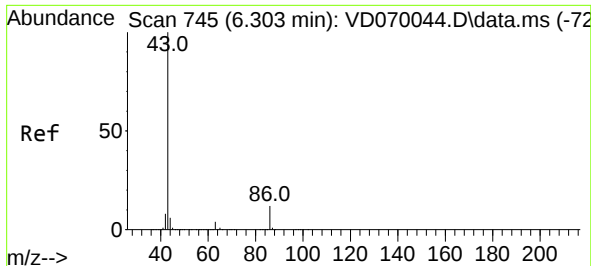
Tgt Ion: 96 Resp: 357086  
Ion Ratio Lower Upper  
96 100  
61 126.8 111.0 166.4  
98 66.3 49.0 73.4



#22  
Diisopropyl ether  
Concen: 50.548 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 45 Resp: 989821  
Ion Ratio Lower Upper  
45 100  
43 50.7 41.7 62.5  
87 27.4 21.0 31.4  
59 11.3 10.0 15.0

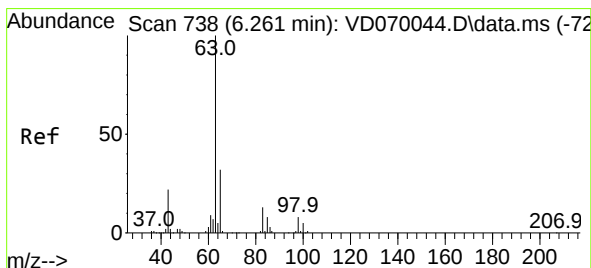
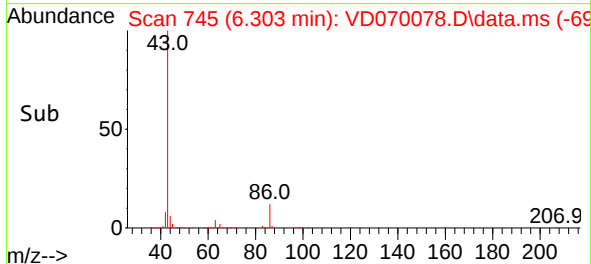
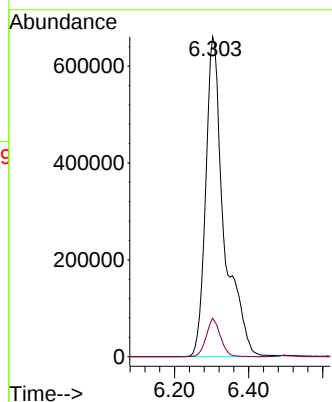
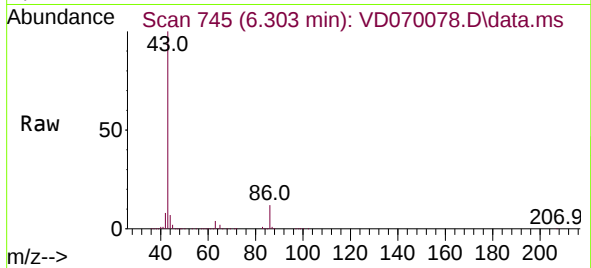




#23  
 Vinyl Acetate  
 Concen: 255.723 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD070078.D  
 Acq: 17 Aug 2021 10:23

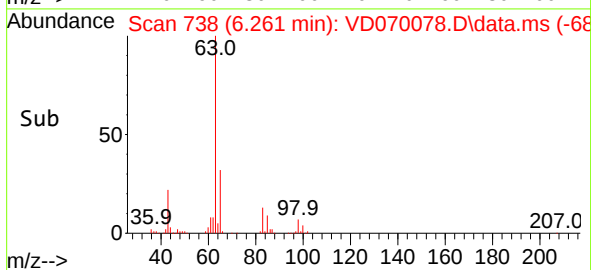
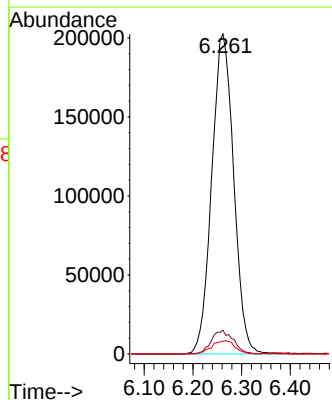
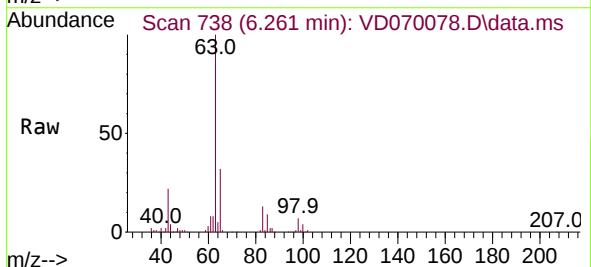
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

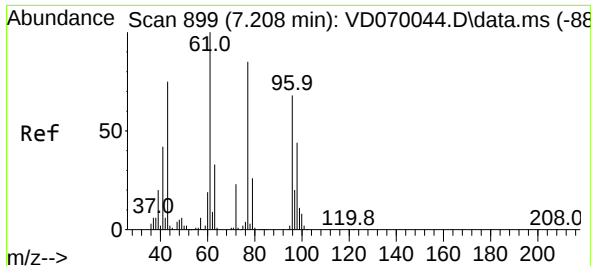
Tgt Ion: 43 Resp: 2269406  
 Ion Ratio Lower Upper  
 43 100  
 86 12.1 9.2 13.8



#24  
 1,1-Dichloroethane  
 Concen: 47.207 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.000 min  
 Lab File: VD070078.D  
 Acq: 17 Aug 2021 10:23

Tgt Ion: 63 Resp: 632458  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.8 11.2  
 100 3.9 2.3 6.9

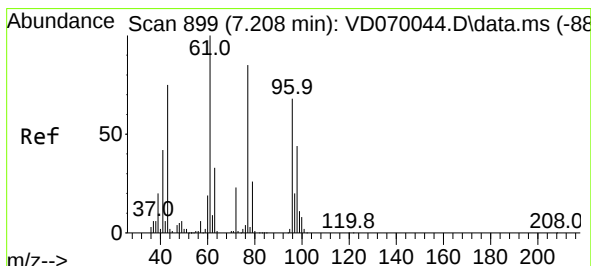
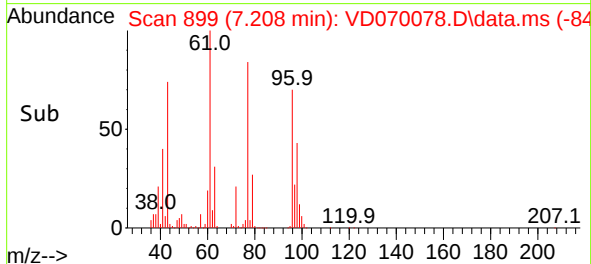
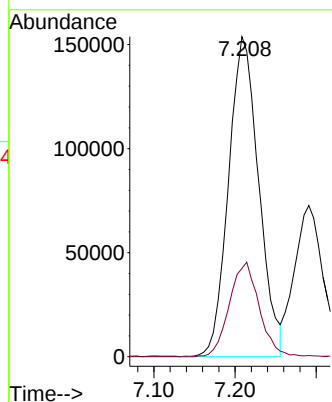
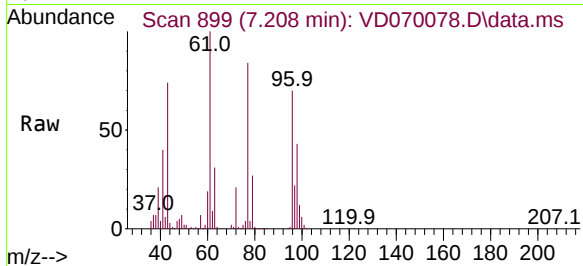




#25  
2-Butanone  
Concen: 255.717 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

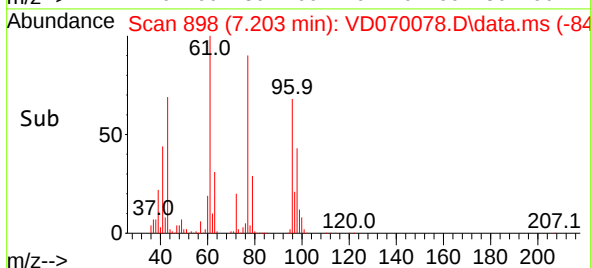
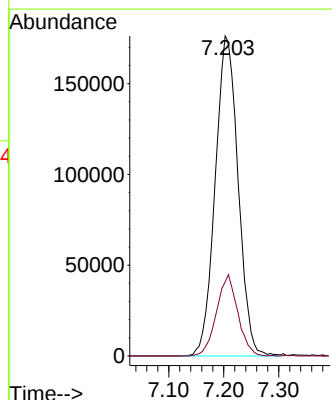
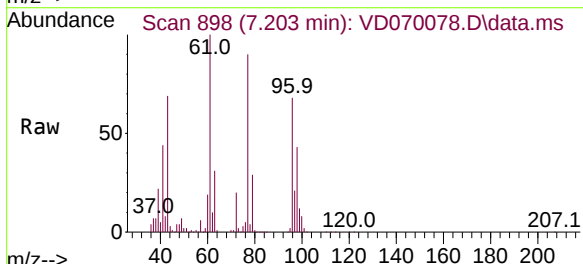
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

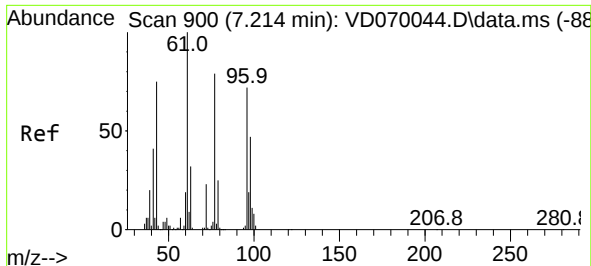
Tgt Ion: 43 Resp: 397639  
Ion Ratio Lower Upper  
43 100  
72 27.6 24.2 36.4



#26  
2,2-Dichloropropane  
Concen: 48.950 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 77 Resp: 510626  
Ion Ratio Lower Upper  
77 100  
97 23.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 49.006 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

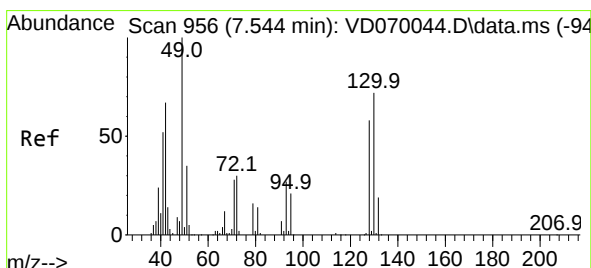
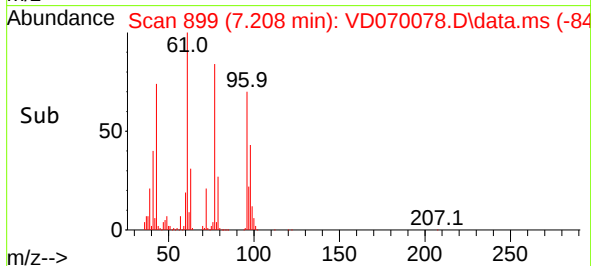
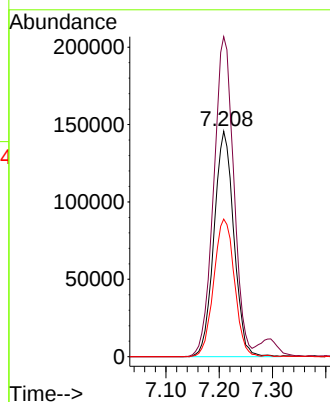
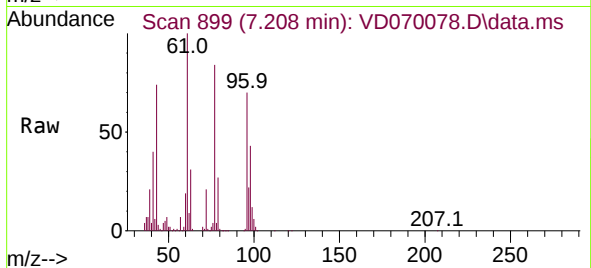
Tgt Ion: 96 Resp: 377213

Ion Ratio Lower Upper

96 100

61 143.5 0.0 288.2

98 63.6 0.0 129.6



#28

Bromochloromethane

Concen: 50.328 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

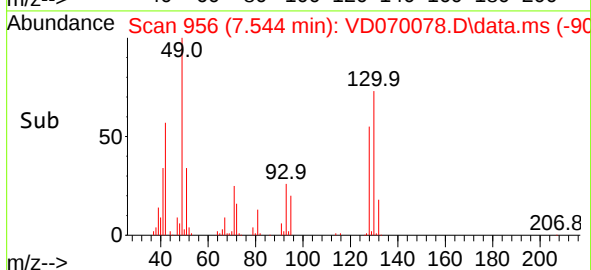
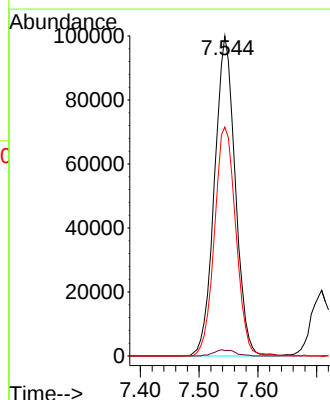
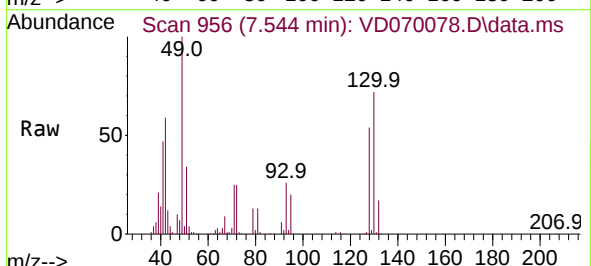
Tgt Ion: 49 Resp: 245369

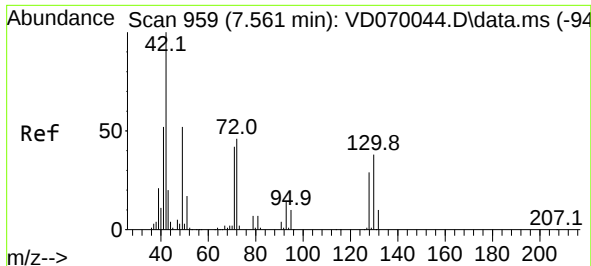
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 73.4 57.6 86.4





#29

Tetrahydrofuran

Concen: 251.199 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

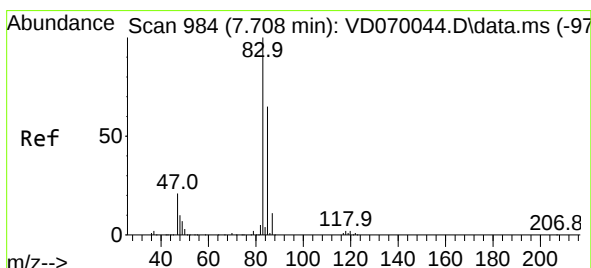
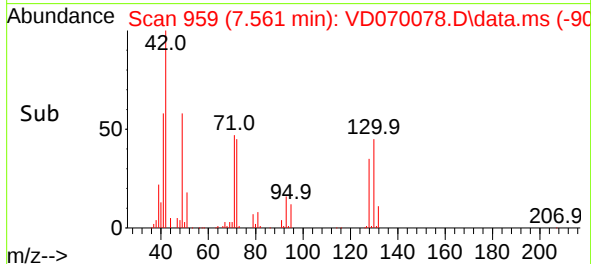
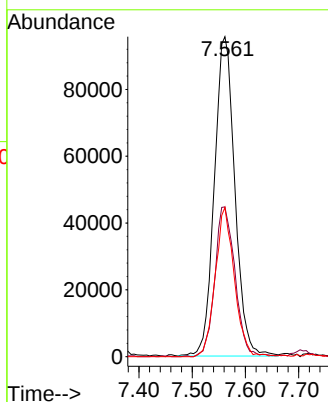
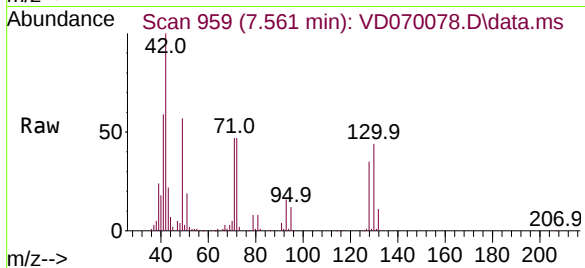
Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 255777 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 46.2  | 37.5  | 56.3   |
| 71       | 43.5  | 33.6  | 50.4   |



#30

Chloroform

Concen: 48.668 ug/l

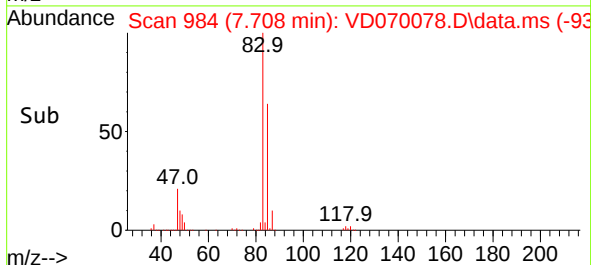
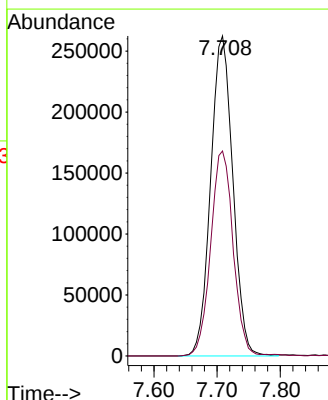
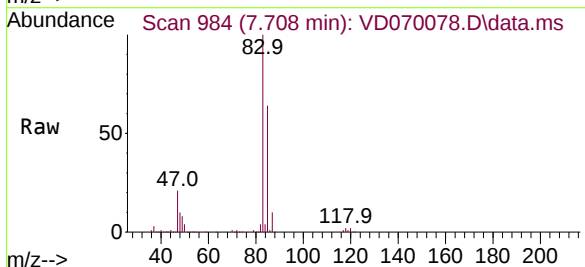
RT: 7.708 min Scan# 984

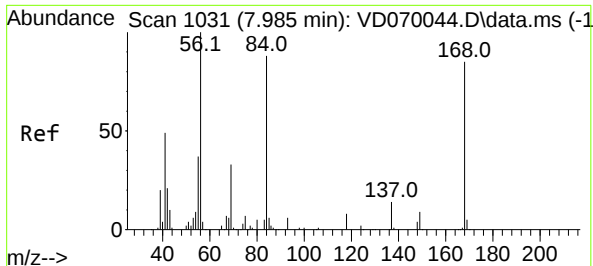
Delta R.T. -0.000 min

Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 641240 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.0  | 51.8  | 77.8   |

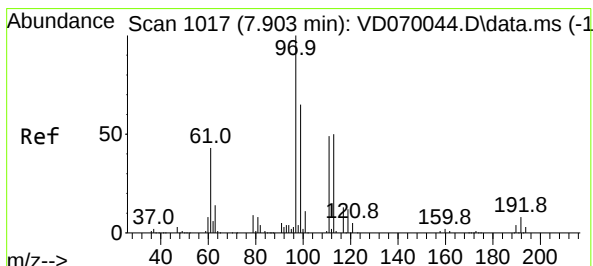
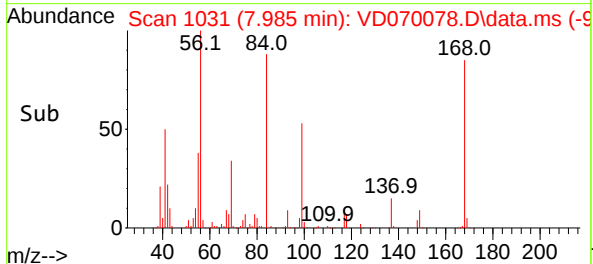
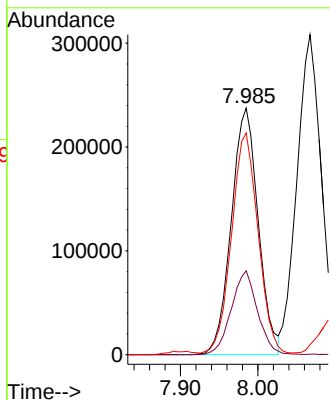
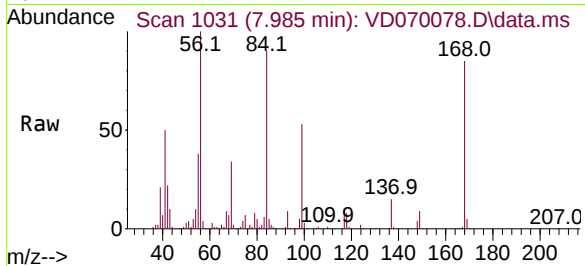




#31  
Cyclohexane  
Concen: 46.924 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

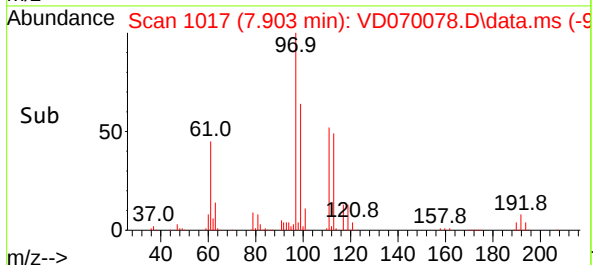
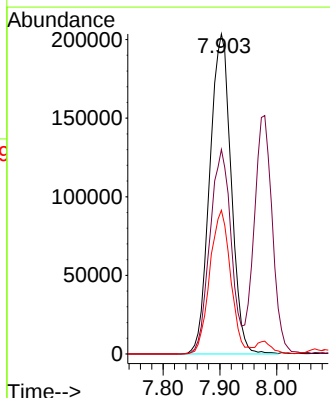
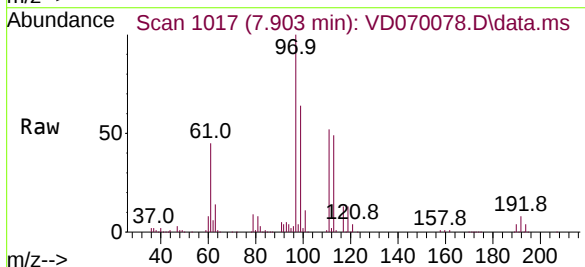
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

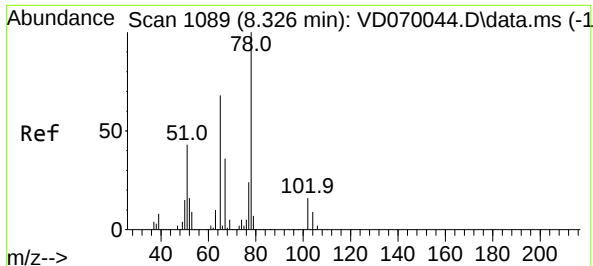
Tgt Ion: 56 Resp: 573746  
Ion Ratio Lower Upper  
56 100  
69 34.0 26.7 40.1  
84 88.7 70.4 105.6



#32  
1,1,1-Trichloroethane  
Concen: 48.311 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 97 Resp: 531932  
Ion Ratio Lower Upper  
97 100  
99 63.1 52.4 78.6  
61 44.0 34.4 51.6

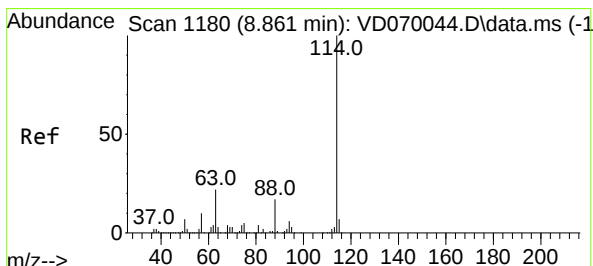
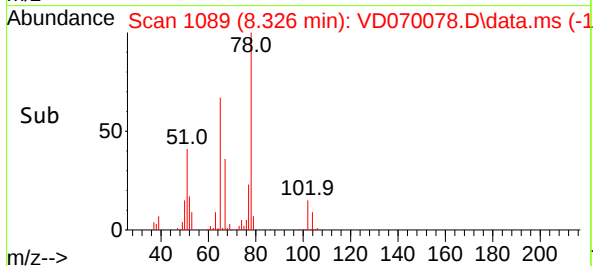
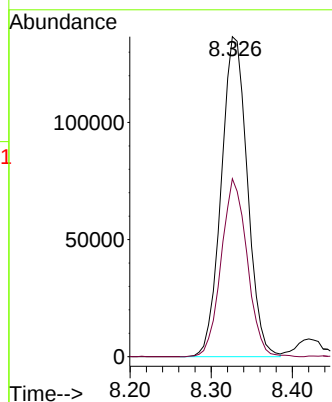
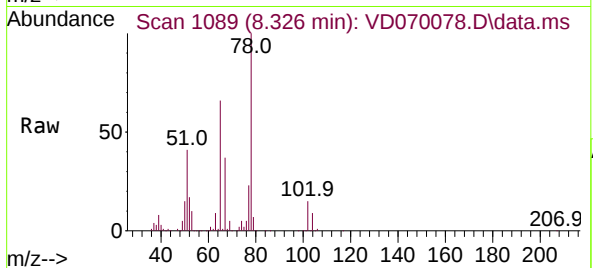




#33  
1,2-Dichloroethane-d4  
Concen: 49.562 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

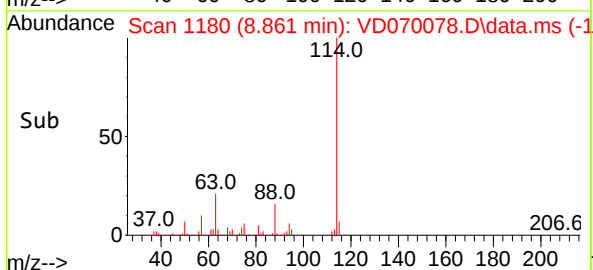
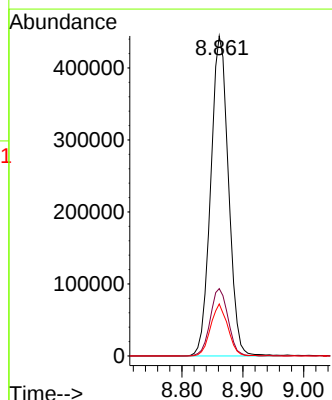
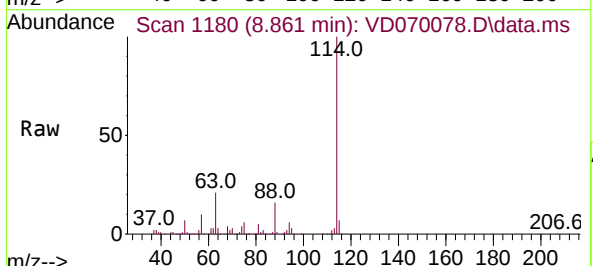
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

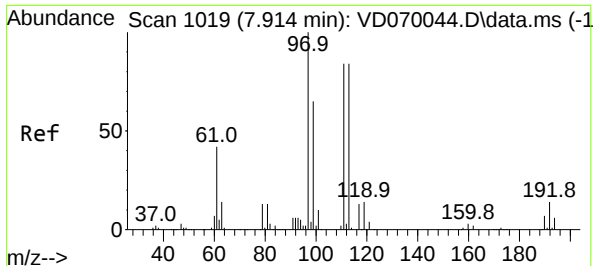
Tgt Ion: 65 Resp: 306170  
Ion Ratio Lower Upper  
65 100  
67 55.0 0.0 107.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 114 Resp: 899256  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 43.6  
88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.813 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

Tgt Ion:113 Resp: 306830

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

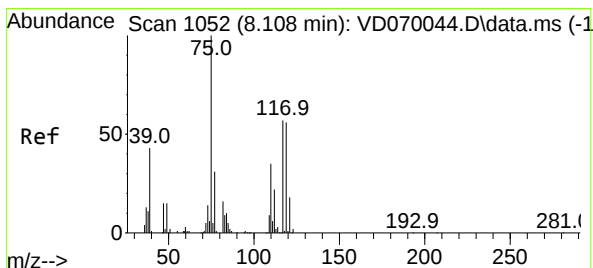
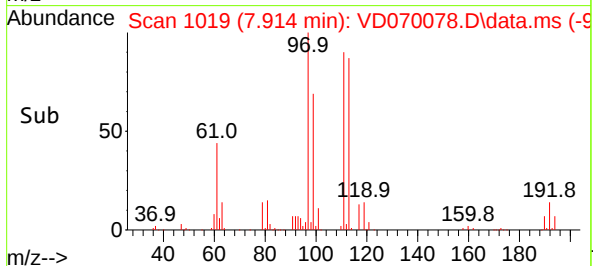
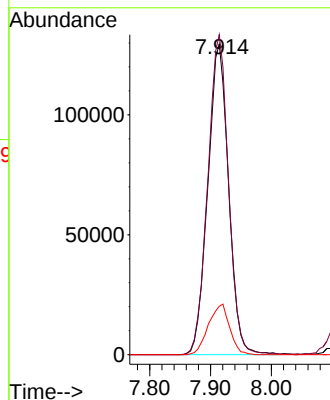
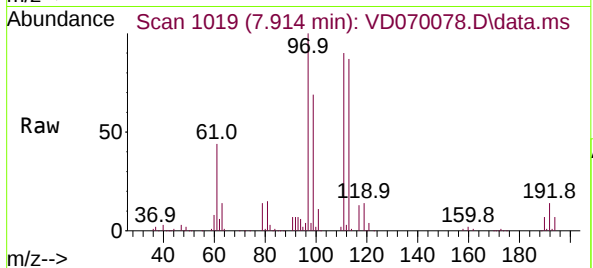
192 16.6 13.2 19.8

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050



#36

1,1-Dichloropropene

Concen: 52.154 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

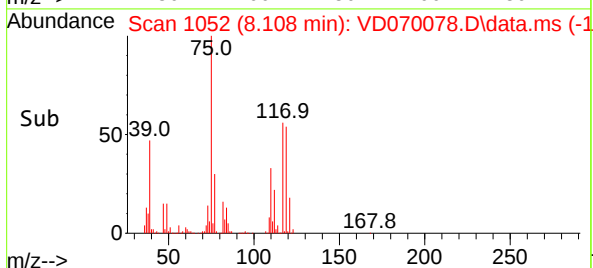
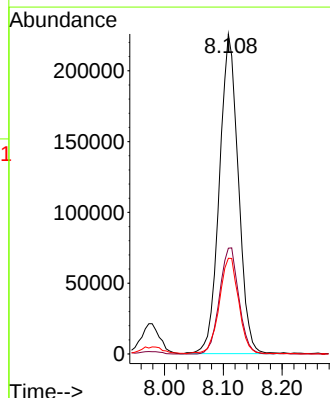
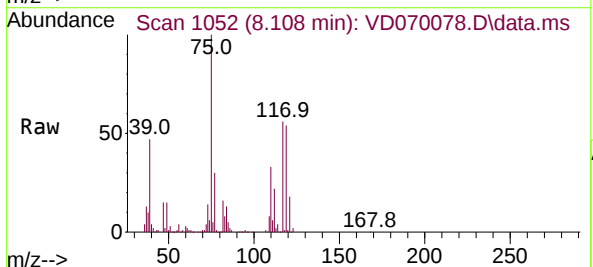
Tgt Ion: 75 Resp: 504548

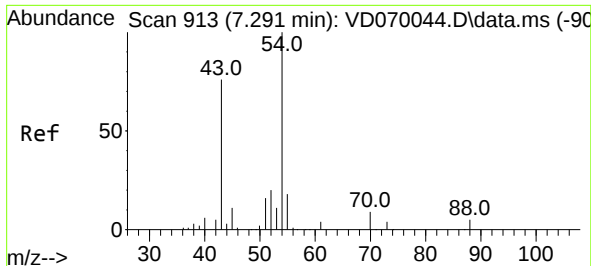
Ion Ratio Lower Upper

75 100

110 33.8 16.9 50.7

77 30.6 25.2 37.8





#37

Ethyl Acetate

Concen: 51.966 ug/l

RT: 7.291 min Scan# 913

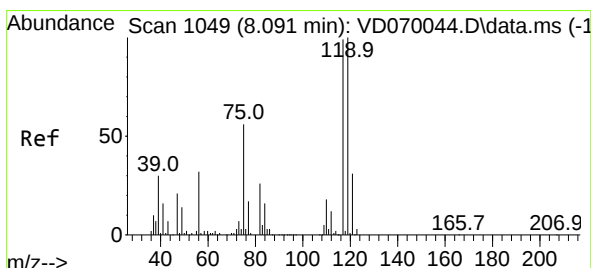
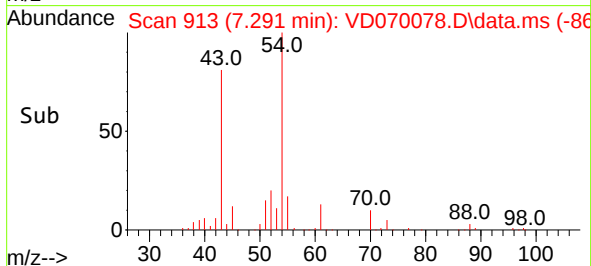
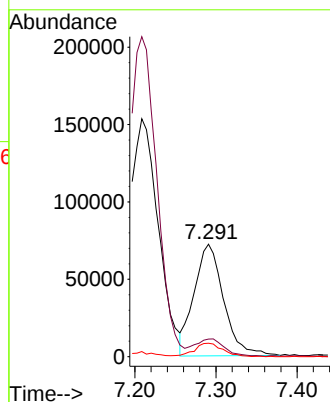
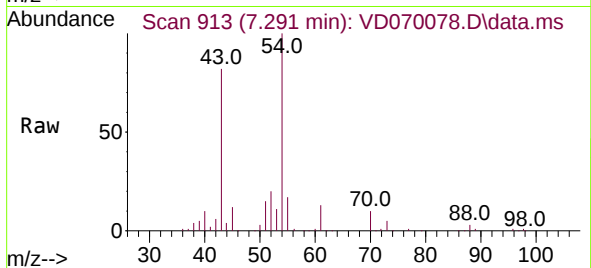
Delta R.T. -0.000 min

Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 182602 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 15.8  | 11.8  | 17.6   |
| 70       | 11.7  | 9.0   | 13.6   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



#38

Carbon Tetrachloride

Concen: 52.226 ug/l

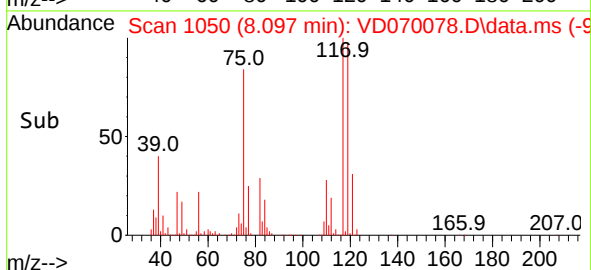
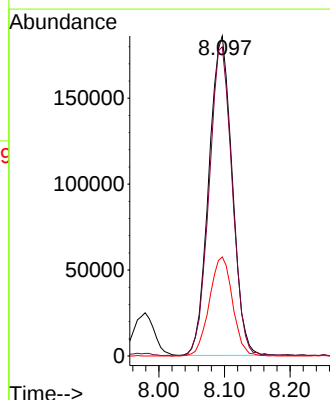
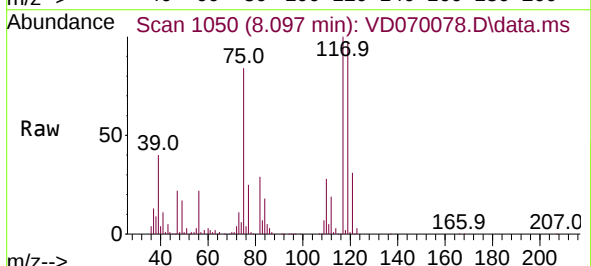
RT: 8.097 min Scan# 1050

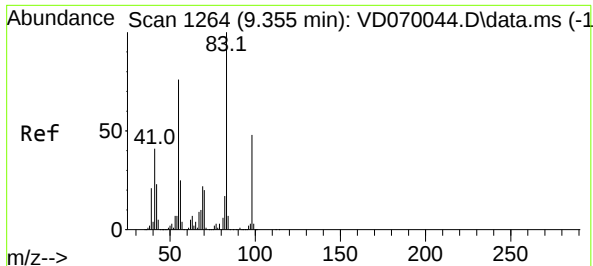
Delta R.T. 0.006 min

Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 458688 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.7  | 81.0  | 121.6  |
| 121      | 31.0  | 25.0  | 37.6   |





#39

Methylcyclohexane

Concen: 52.527 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

Tgt Ion: 83 Resp: 591639

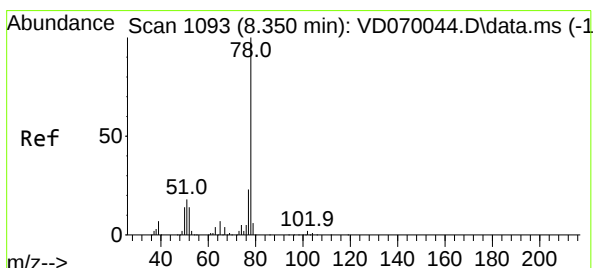
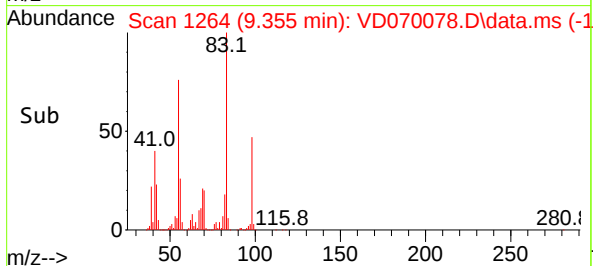
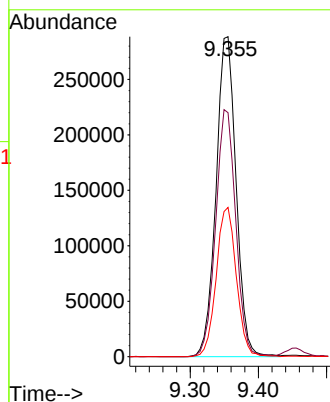
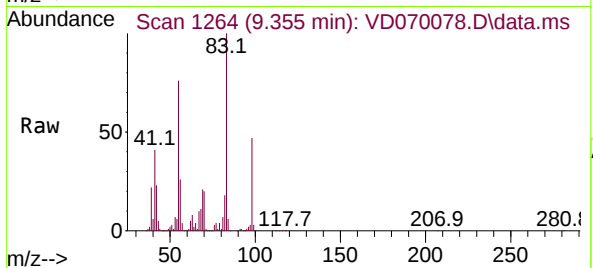
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 76.3  | 60.7  | 91.1  |
| 98  | 46.7  | 38.6  | 58.0  |

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050



#40

Benzene

Concen: 51.420 ug/l

RT: 8.350 min Scan# 1093

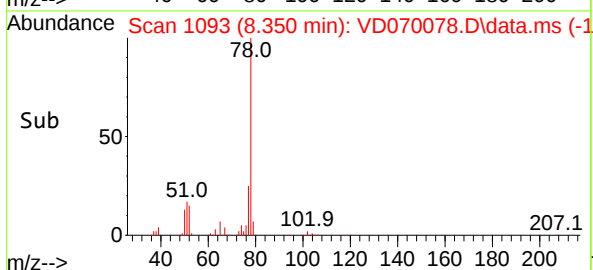
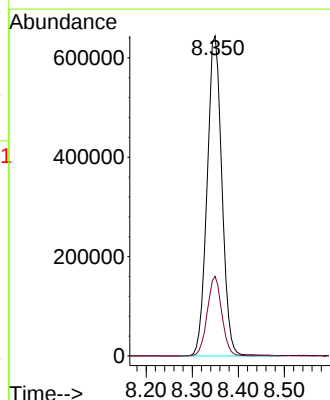
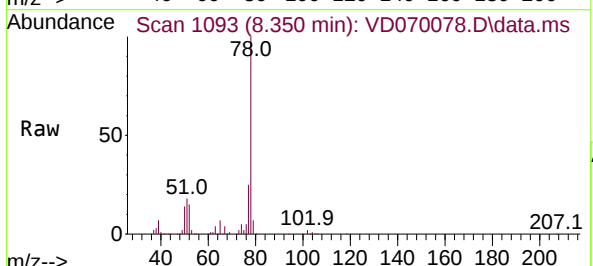
Delta R.T. -0.000 min

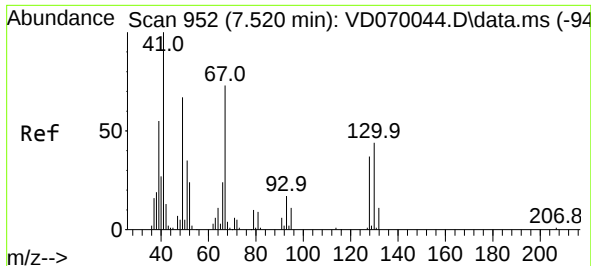
Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

Tgt Ion: 78 Resp: 1442814

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.9  | 18.6  | 27.8  |

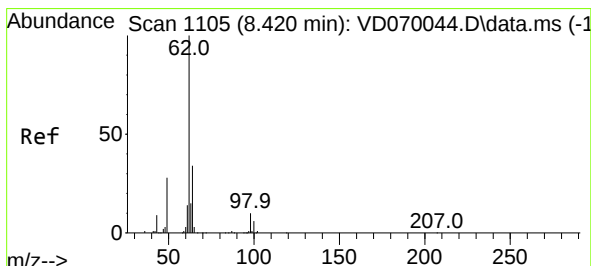
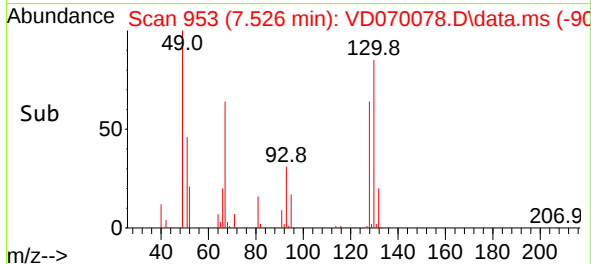
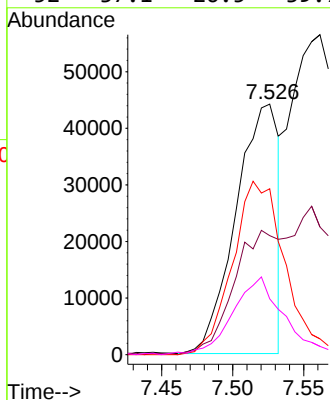
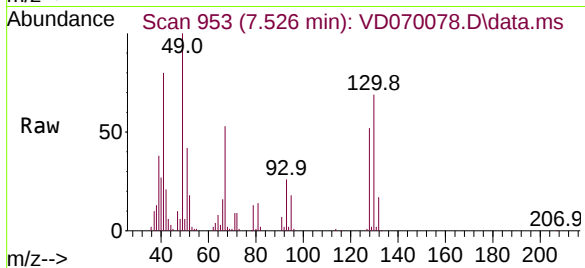




#41  
Methacrylonitrile  
Concen: 48.721 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. 0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

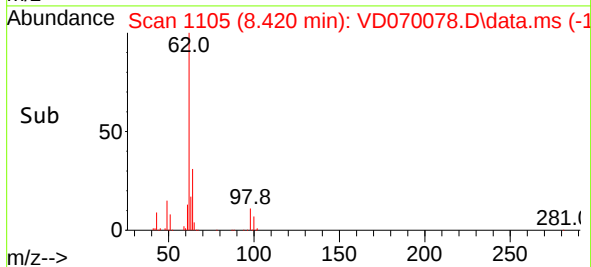
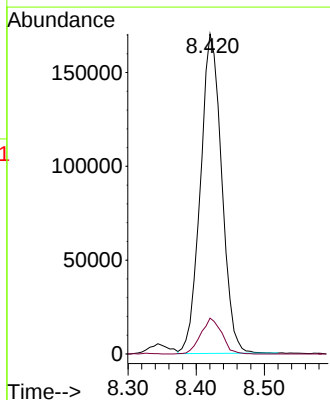
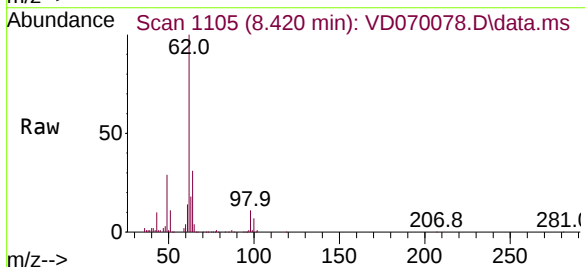
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

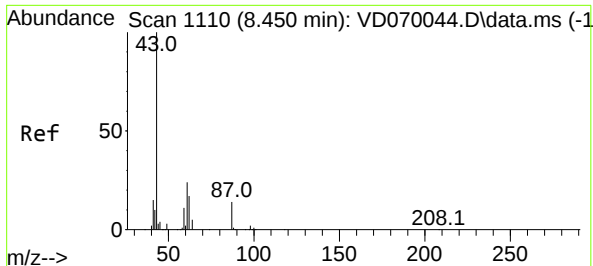
Tgt Ion: 41 Resp: 92559  
Ion Ratio Lower Upper  
41 100  
39 52.1 47.7 71.5  
67 84.7 68.2 102.2  
52 37.1 26.5 39.7



#42  
1,2-Dichloroethane  
Concen: 51.535 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 62 Resp: 370603  
Ion Ratio Lower Upper  
62 100  
98 11.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 50.296 ug/l

RT: 8.450 min Scan# 1110

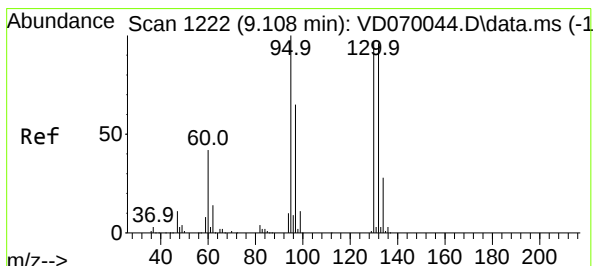
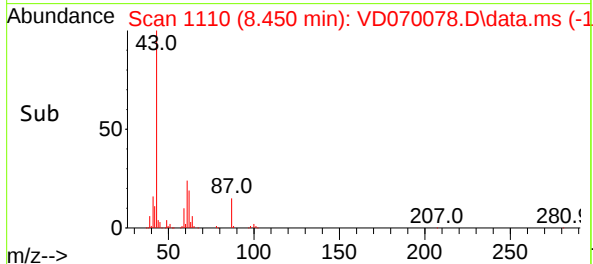
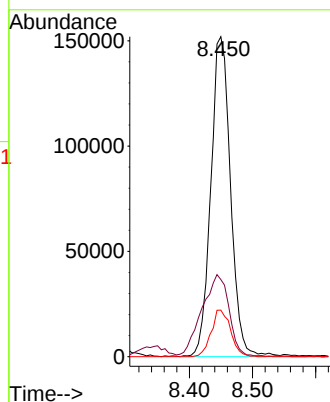
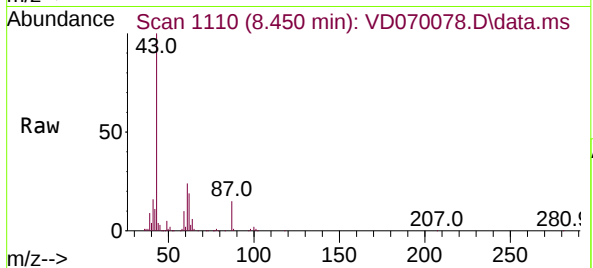
Delta R.T. -0.000 min

Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

Tgt Ion: 43 Resp: 329949

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 35.1  | 27.7  | 41.5  |
| 87  | 14.3  | 11.5  | 17.3  |



#44

Trichloroethene

Concen: 50.628 ug/l

RT: 9.108 min Scan# 1222

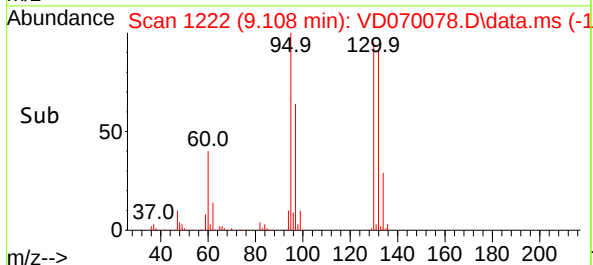
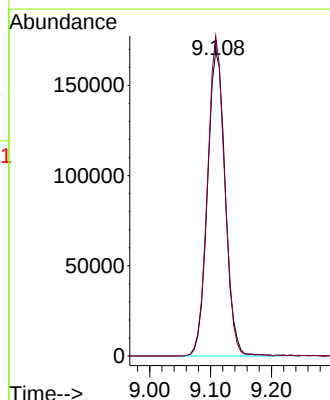
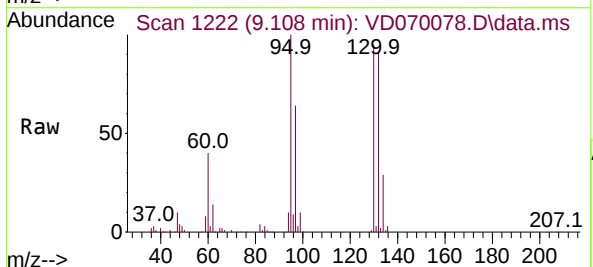
Delta R.T. -0.000 min

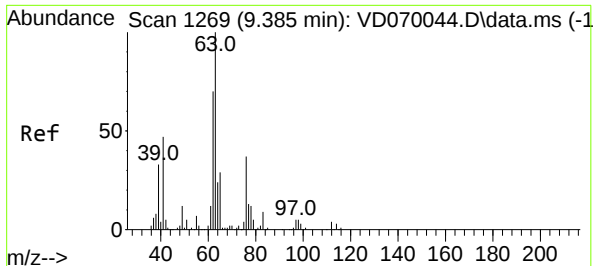
Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

Tgt Ion: 130 Resp: 343177

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 105.1 | 0.0   | 206.4 |



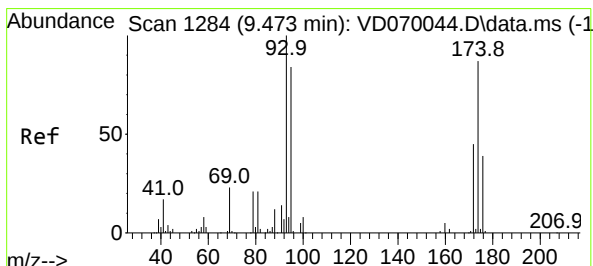
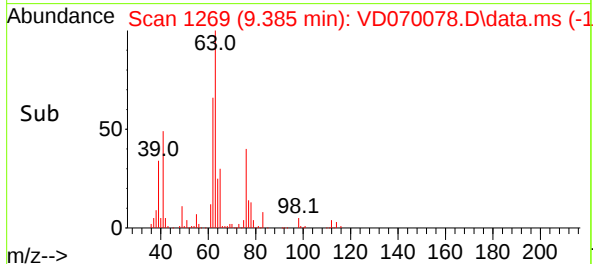
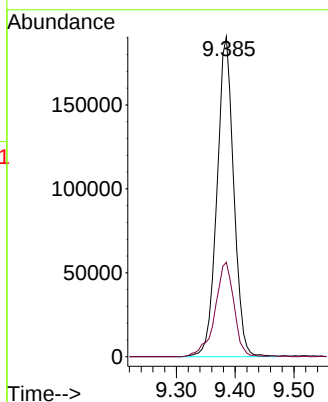
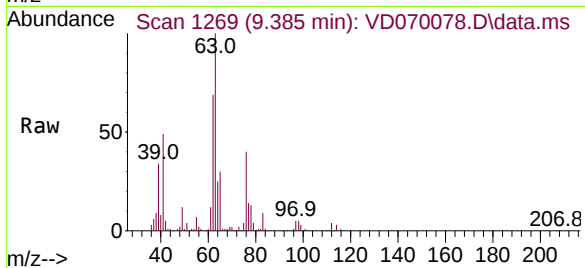


#45

1,2-Dichloropropane  
Concen: 51.819 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

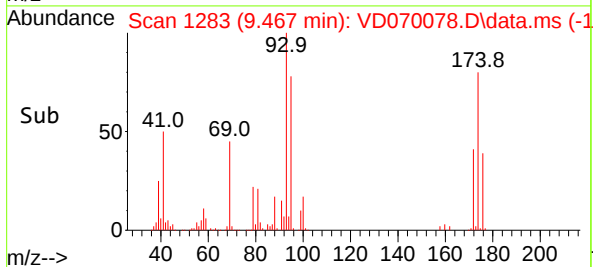
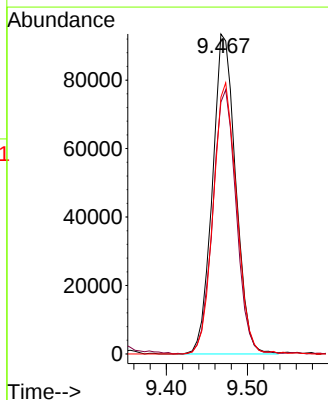
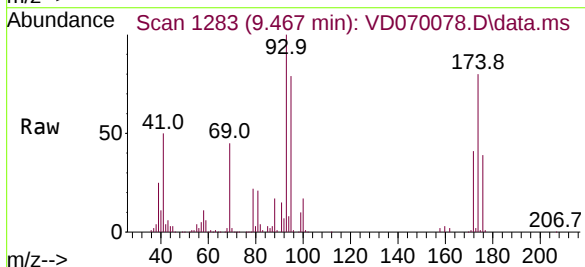
Tgt Ion: 63 Resp: 377685  
Ion Ratio Lower Upper  
63 100  
65 29.5 23.4 35.0

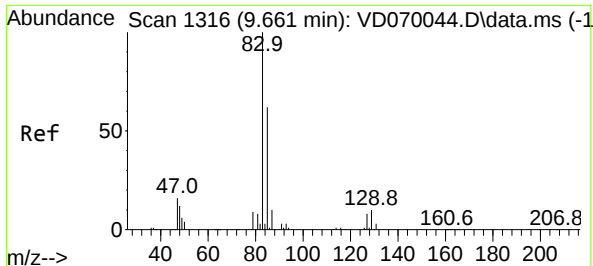


#46

Dibromomethane  
Concen: 52.692 ug/l  
RT: 9.467 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 93 Resp: 186535  
Ion Ratio Lower Upper  
93 100  
95 82.8 68.1 102.1  
174 85.4 68.2 102.4





#47

Bromodichloromethane

Concen: 52.598 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

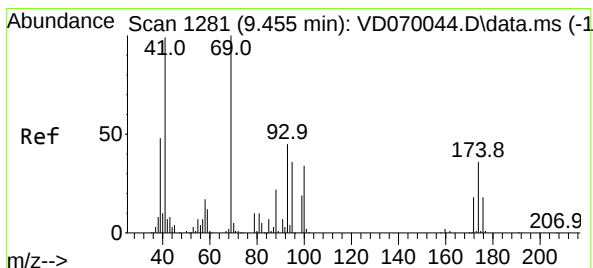
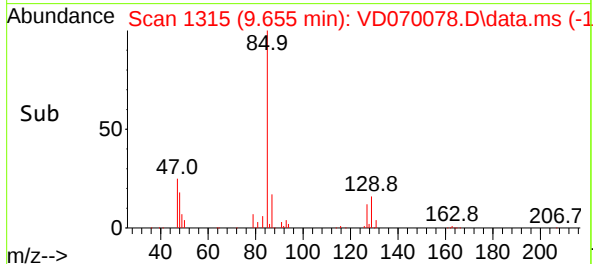
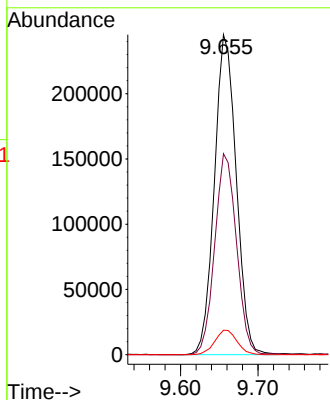
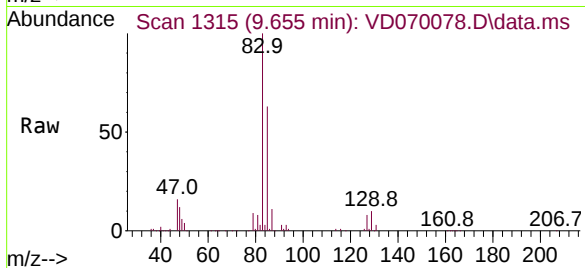
Tgt Ion: 83 Resp: 481745

Ion Ratio Lower Upper

83 100

85 62.8 49.6 74.4

127 7.7 6.8 10.2



#48

Methyl methacrylate

Concen: 53.462 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

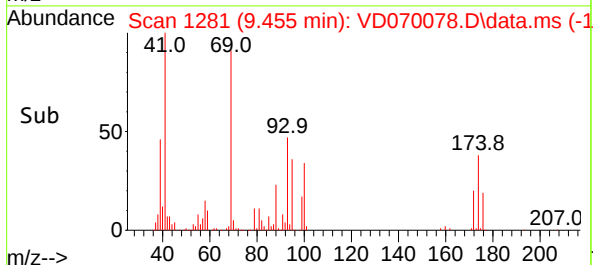
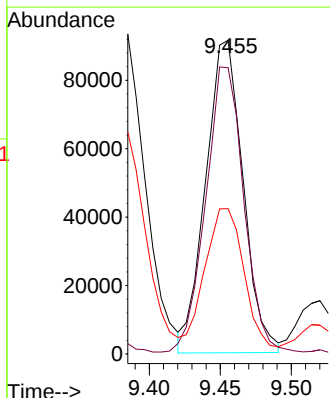
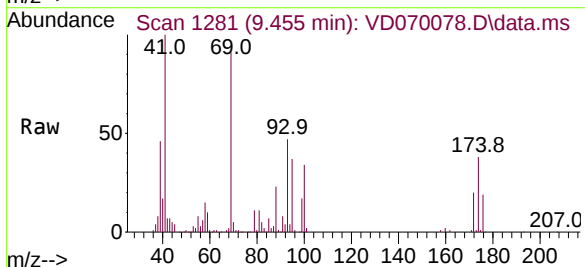
Tgt Ion: 41 Resp: 167249

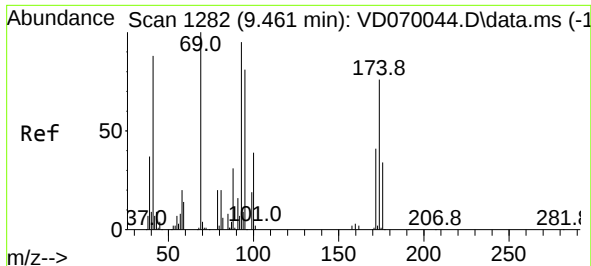
Ion Ratio Lower Upper

41 100

69 93.0 74.6 111.8

39 45.0 35.9 53.9





#49

1,4-Dioxane

Concen: 1108.507 ug/l

RT: 9.455 min Scan# 1281

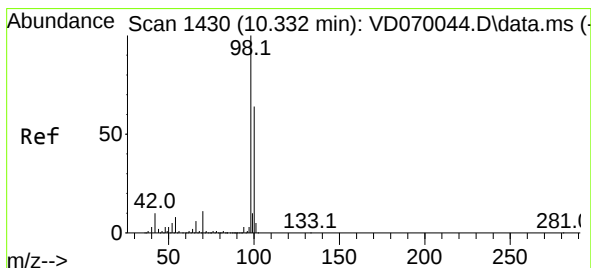
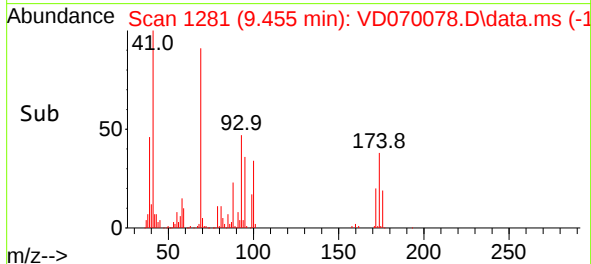
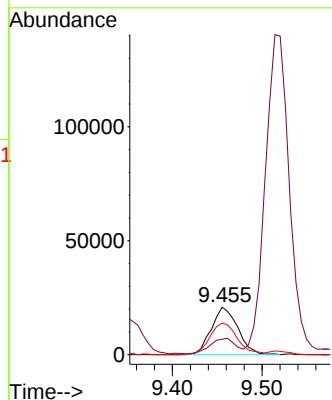
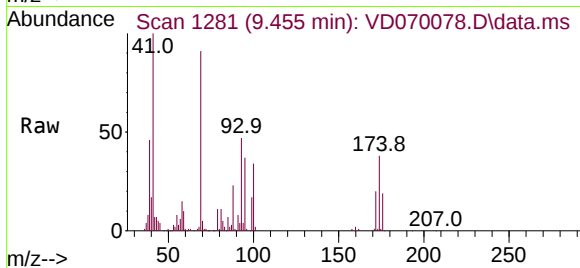
Delta R.T. -0.006 min

Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

Tgt Ion: 88 Resp: 42706

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 32.8  | 25.8  | 38.6  |
| 58  | 69.4  | 57.4  | 86.2  |



#50

Toluene-d8

Concen: 54.040 ug/l

RT: 10.338 min Scan# 1431

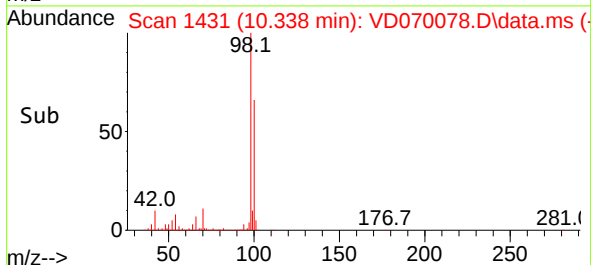
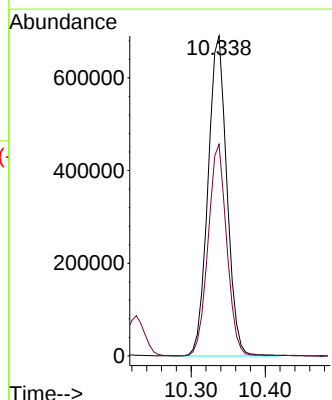
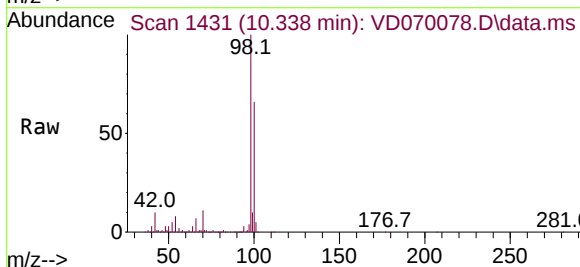
Delta R.T. 0.006 min

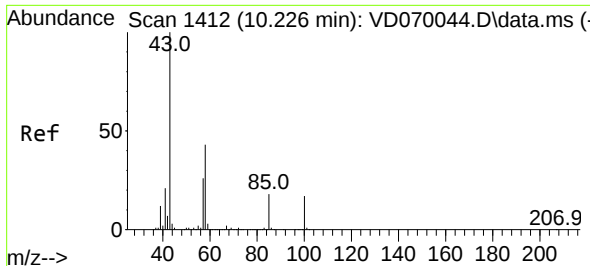
Lab File: VD070078.D

Acq: 17 Aug 2021 10:23

Tgt Ion: 98 Resp: 1221143

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 65.1  | 52.6  | 78.8  |

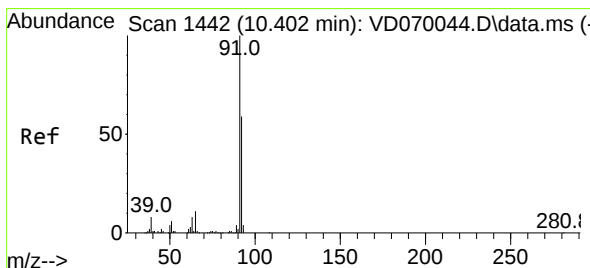
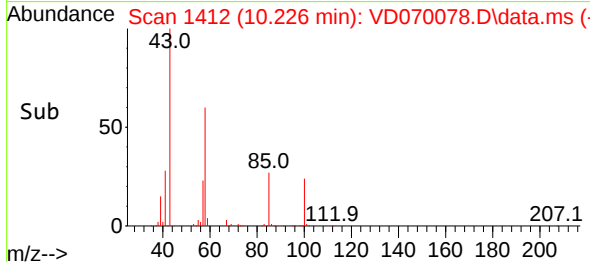
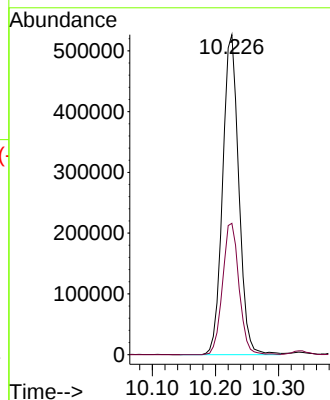
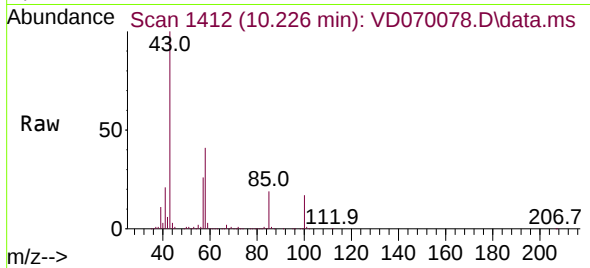




#51  
4-Methyl-2-Pentanone  
Concen: 274.546 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

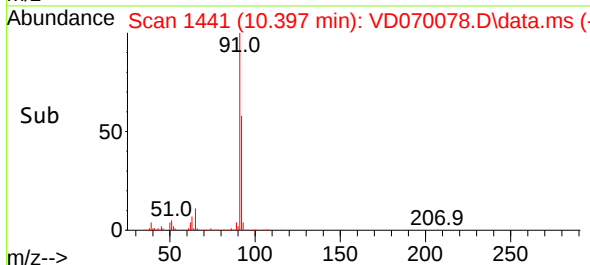
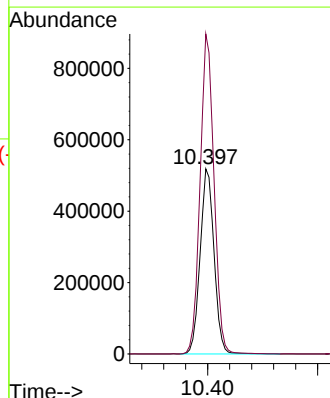
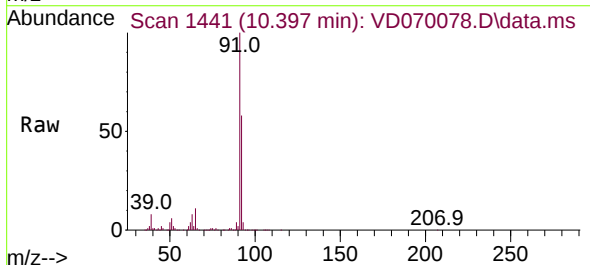
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

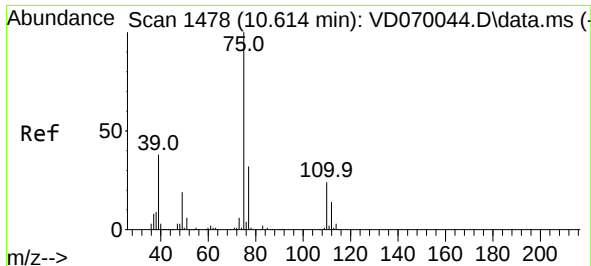
Tgt Ion: 43 Resp: 936492  
Ion Ratio Lower Upper  
43 100  
58 41.9 33.9 50.9



#52  
Toluene  
Concen: 53.219 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 92 Resp: 908933  
Ion Ratio Lower Upper  
92 100  
91 172.9 137.2 205.8

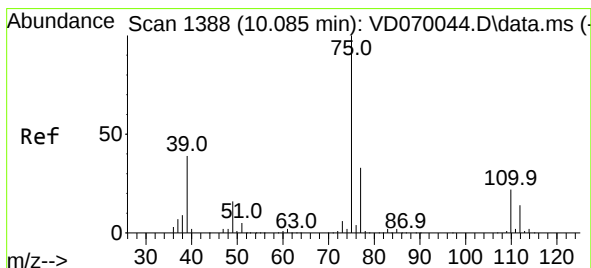
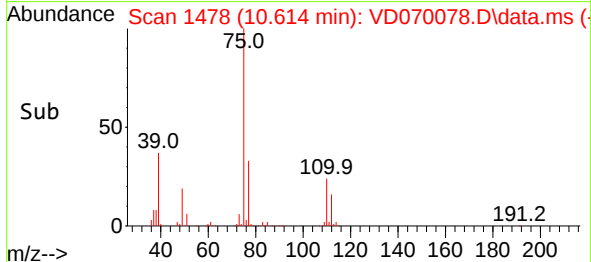
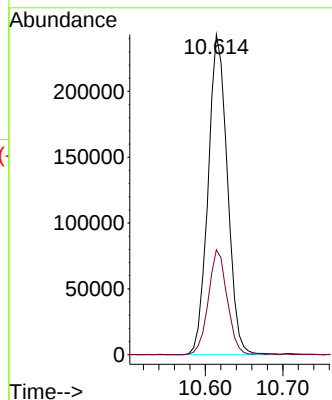
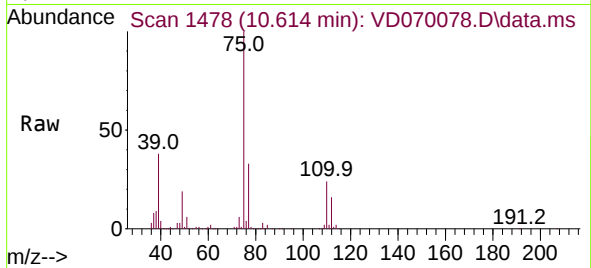




#53  
t-1,3-Dichloropropene  
Concen: 51.804 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

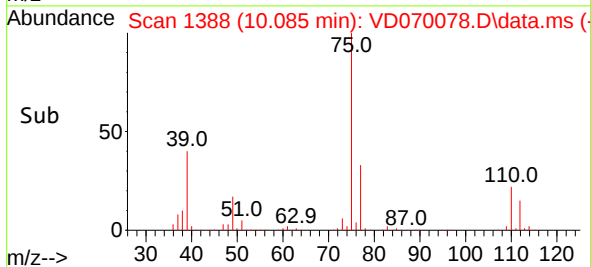
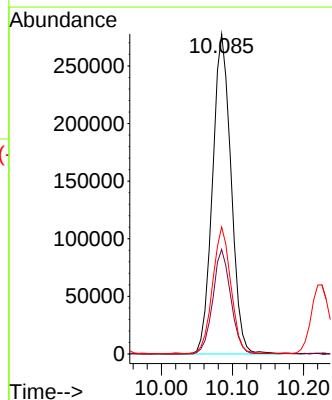
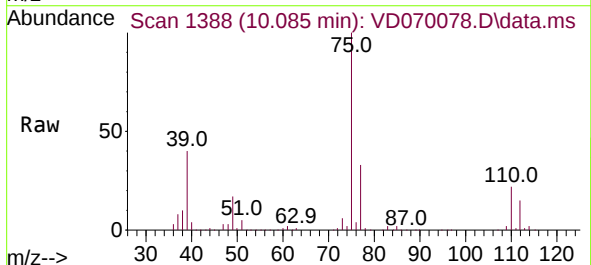
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

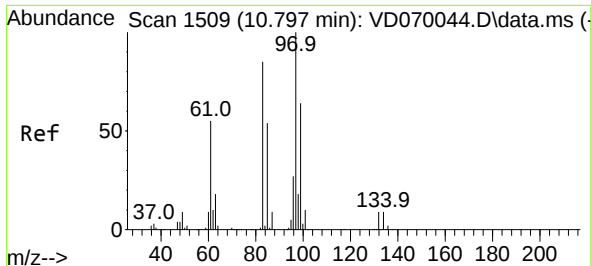
Tgt Ion: 75 Resp: 420269  
Ion Ratio Lower Upper  
75 100  
77 32.8 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 50.999 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 75 Resp: 502174  
Ion Ratio Lower Upper  
75 100  
77 32.7 26.3 39.5  
39 39.5 31.4 47.2

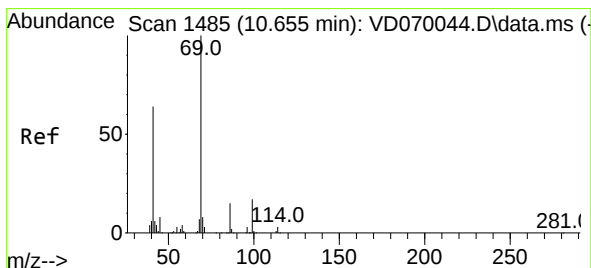
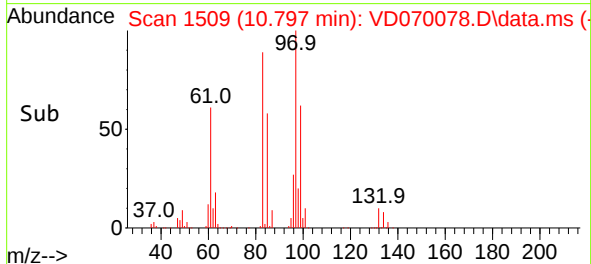
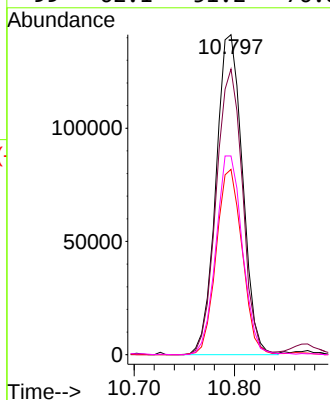
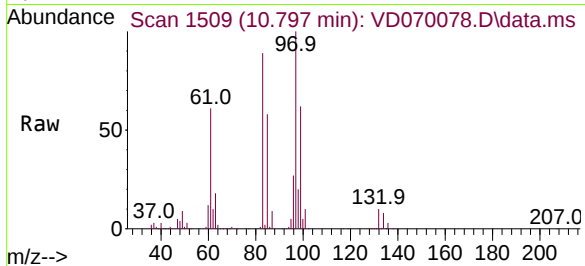




#55  
1,1,2-Trichloroethane  
Concen: 51.688 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

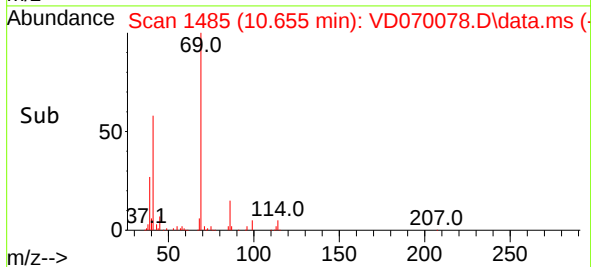
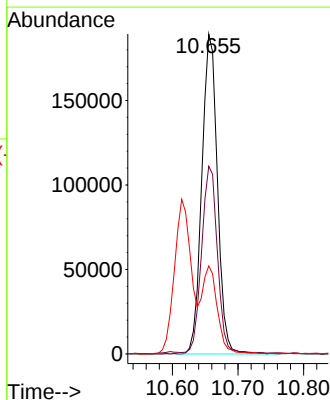
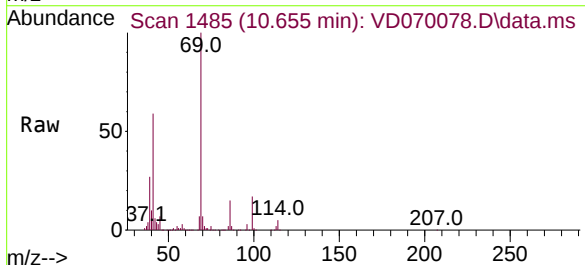
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

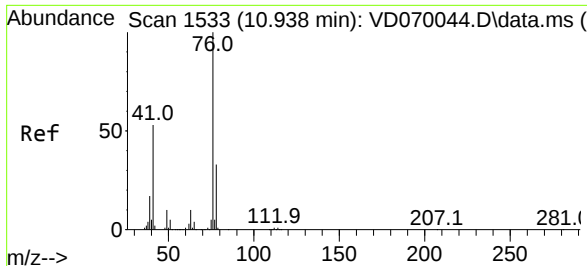
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 259259 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 89.3  | 67.8  | 101.6  |
| 85       | 57.9  | 43.4  | 65.0   |
| 99       | 62.1  | 51.2  | 76.8   |



#56  
Ethyl methacrylate  
Concen: 55.033 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 314124 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 59.1  | 48.9  | 73.3   |
| 39       | 26.9  | 21.6  | 32.4   |

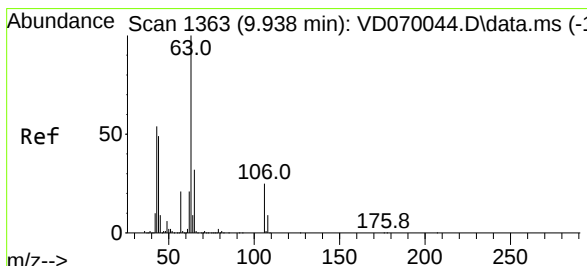
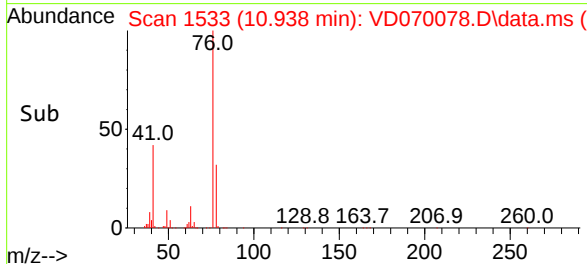
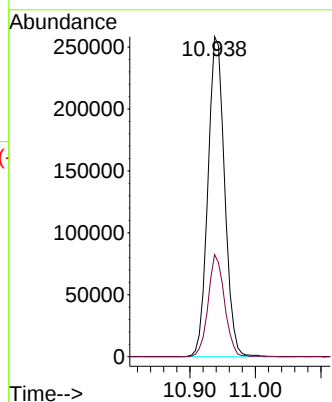
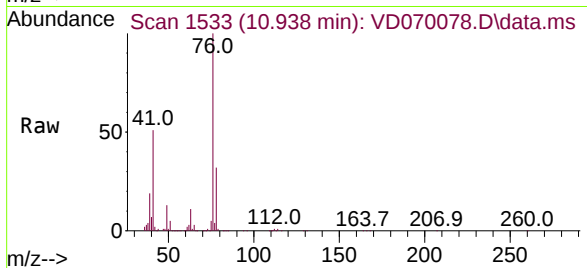




#57  
1,3-Dichloropropane  
Concen: 52.598 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

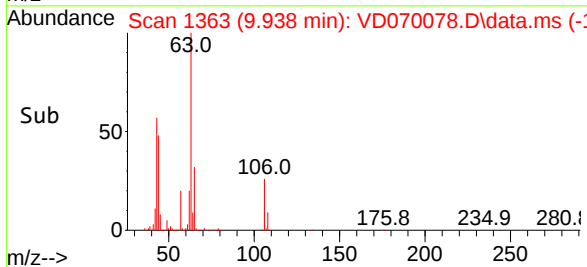
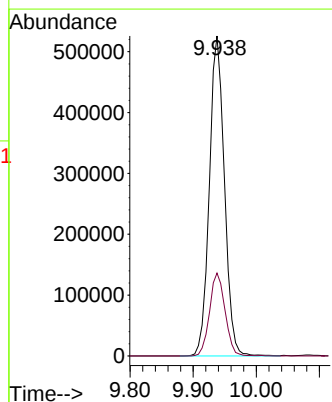
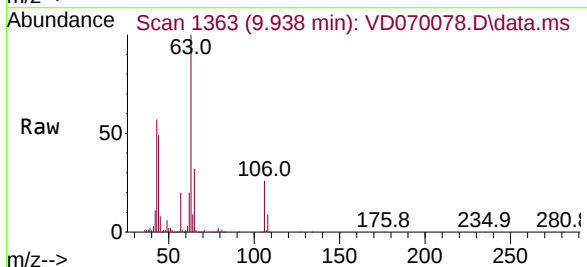
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

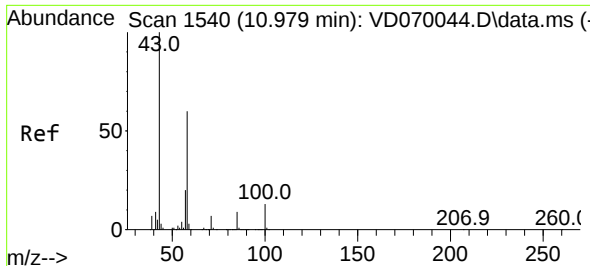
Tgt Ion: 76 Resp: 456725  
Ion Ratio Lower Upper  
76 100  
78 31.4 25.9 38.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 289.784 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 63 Resp: 872404  
Ion Ratio Lower Upper  
63 100  
106 26.6 21.2 31.8

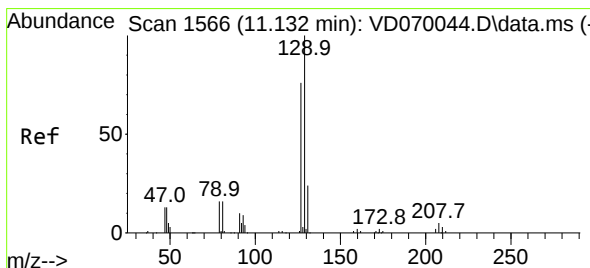
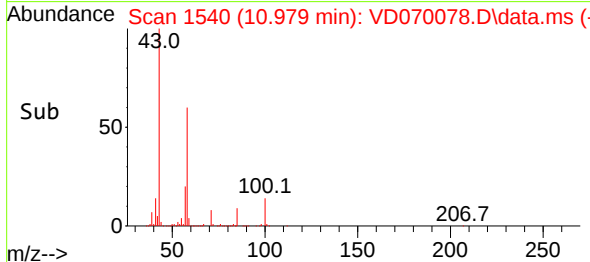
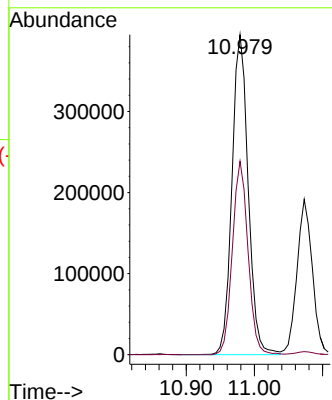
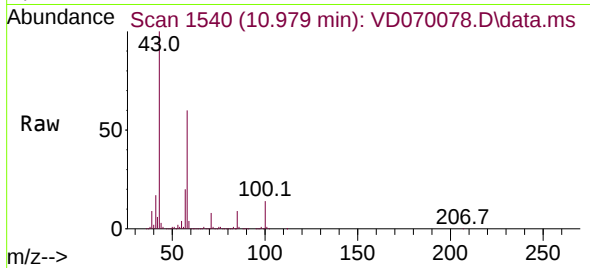




#59  
2-Hexanone  
Concen: 286.206 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

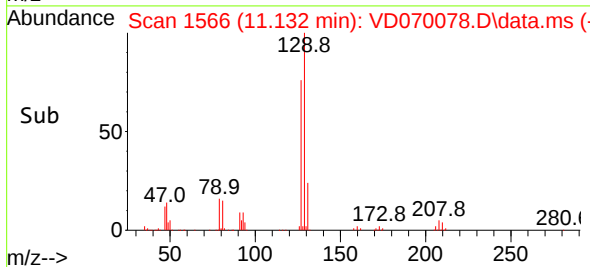
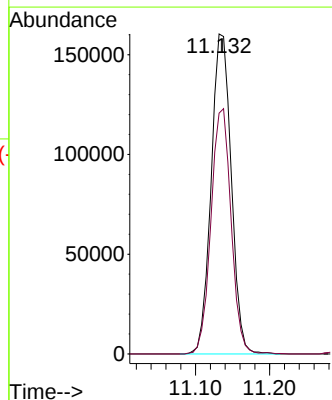
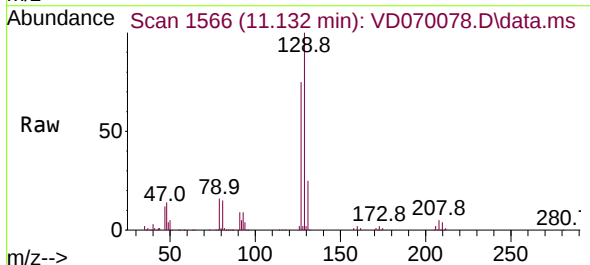
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

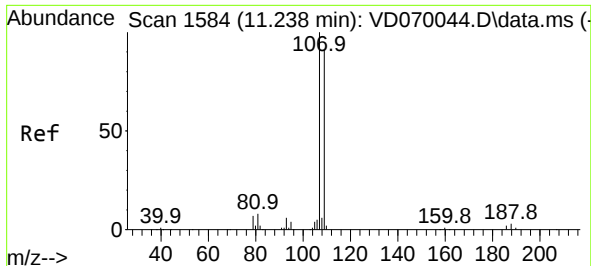
Tgt Ion: 43 Resp: 653808  
Ion Ratio Lower Upper  
43 100  
58 58.3 29.5 88.5



#60  
Dibromochloromethane  
Concen: 52.575 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

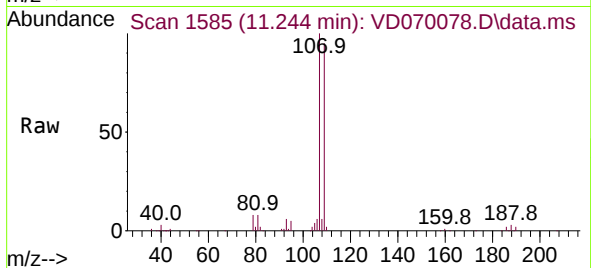
Tgt Ion: 129 Resp: 302089  
Ion Ratio Lower Upper  
129 100  
127 76.7 39.4 118.2



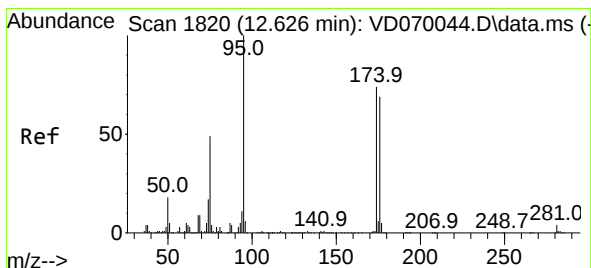
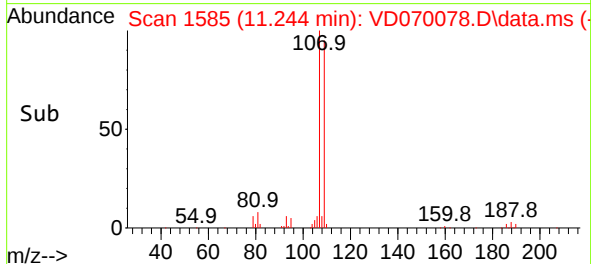
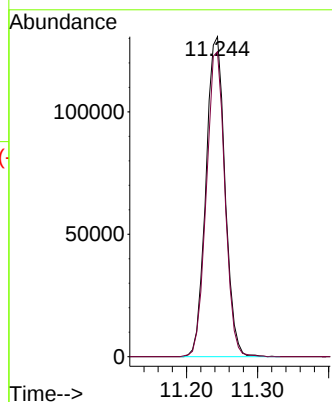


#61  
1,2-Dibromoethane  
Concen: 53.718 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. 0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

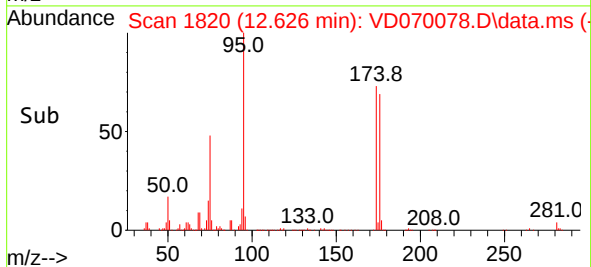
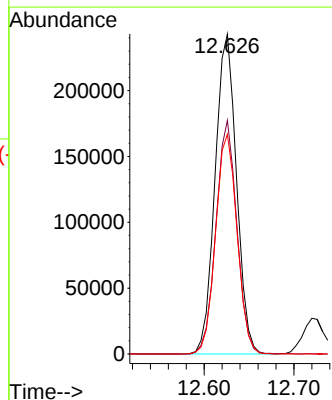
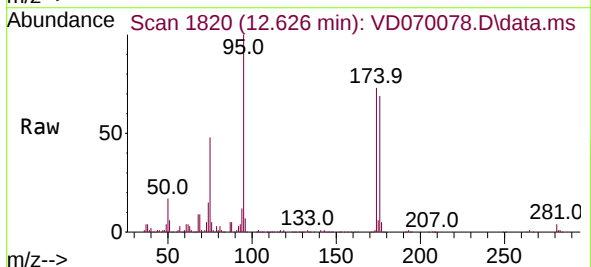


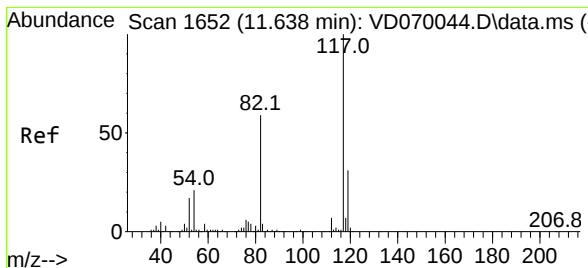
Tgt Ion:107 Resp: 243927  
Ion Ratio Lower Upper  
107 100  
109 92.8 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 54.015 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 95 Resp: 402022  
Ion Ratio Lower Upper  
95 100  
174 71.2 0.0 141.6  
176 68.8 0.0 138.2

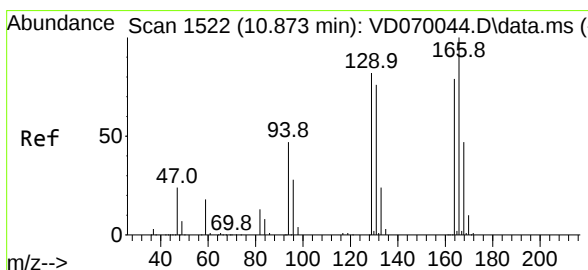
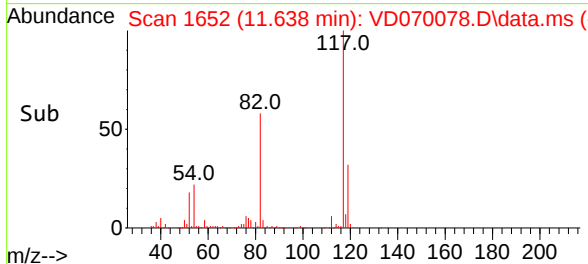
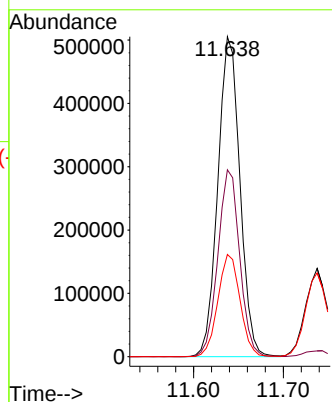
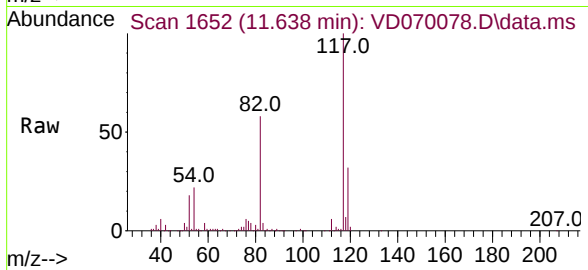




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

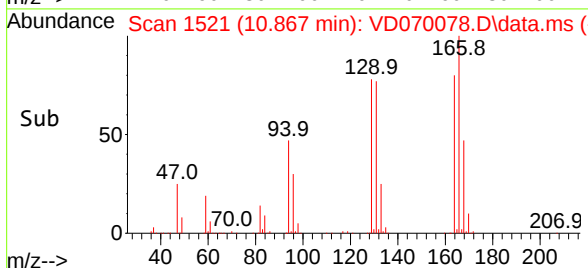
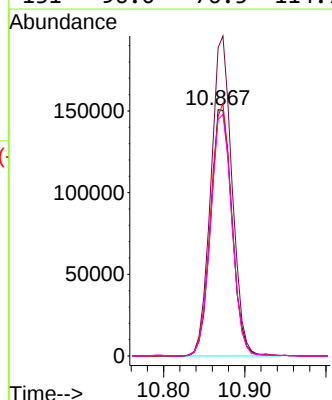
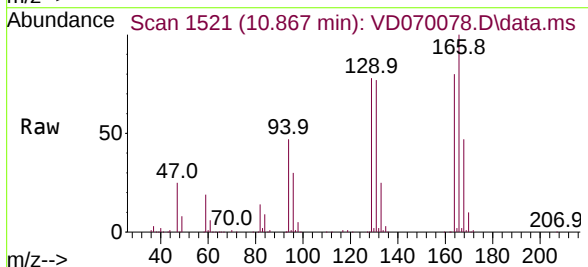
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

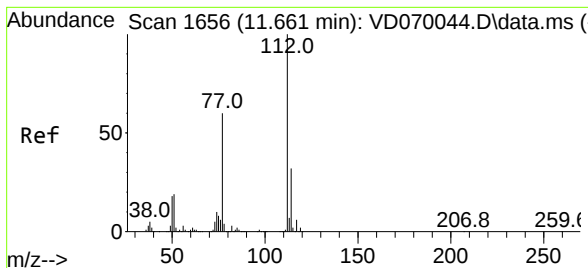
Tgt Ion:117 Resp: 863696  
Ion Ratio Lower Upper  
117 100  
82 58.4 47.5 71.3  
119 31.9 25.1 37.7



#64  
Tetrachloroethene  
Concen: 49.623 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion:164 Resp: 276495  
Ion Ratio Lower Upper  
164 100  
166 125.2 101.3 151.9  
129 97.3 82.9 124.3  
131 96.0 76.5 114.7

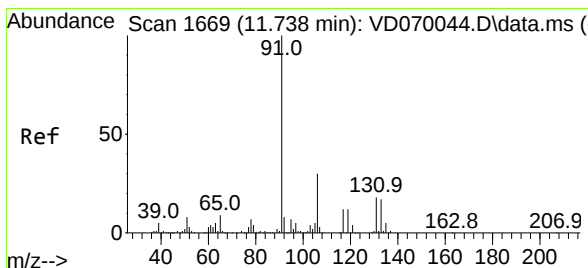
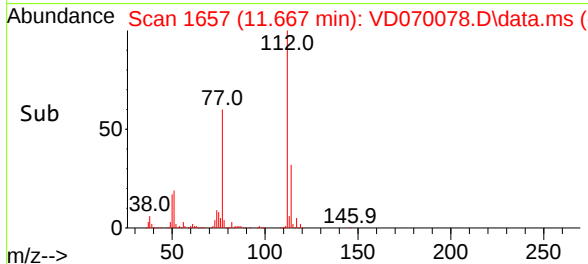
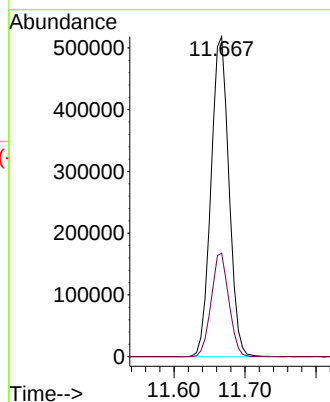
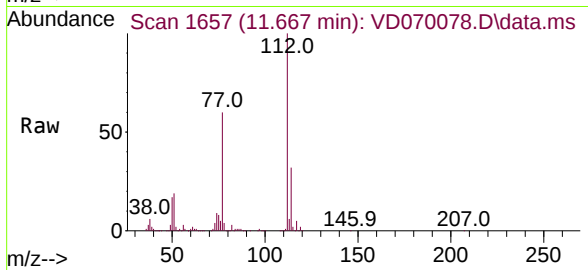




#65  
Chlorobenzene  
Concen: 50.323 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

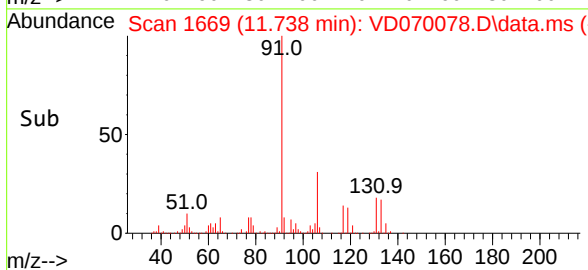
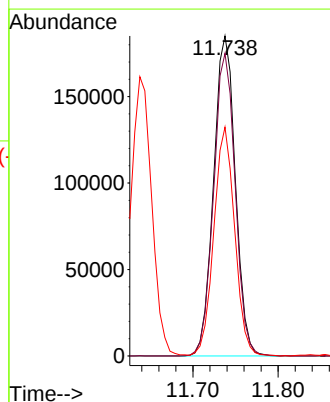
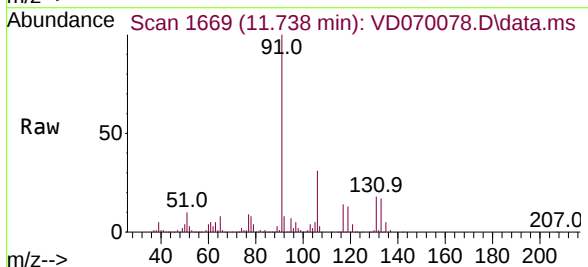
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

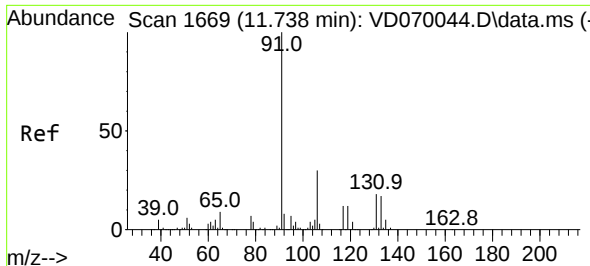
Tgt Ion:112 Resp: 908116  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.175 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion:131 Resp: 327953  
Ion Ratio Lower Upper  
131 100  
133 94.3 47.4 142.2  
119 68.7 34.0 102.0

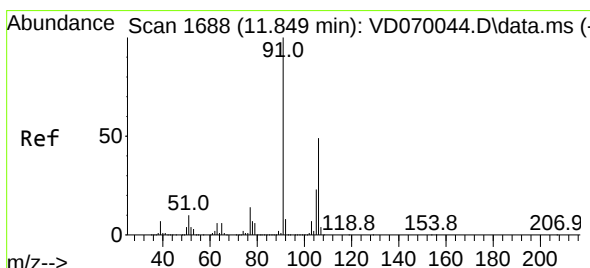
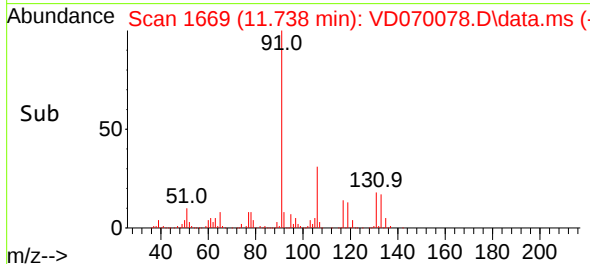
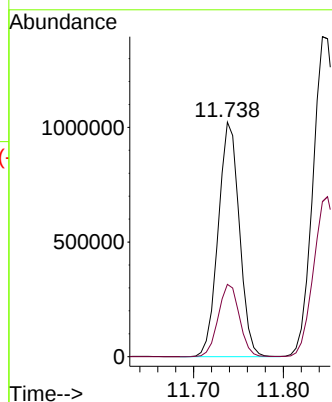
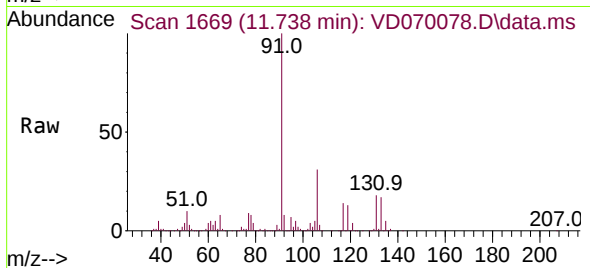




#67  
Ethyl Benzene  
Concen: 52.428 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

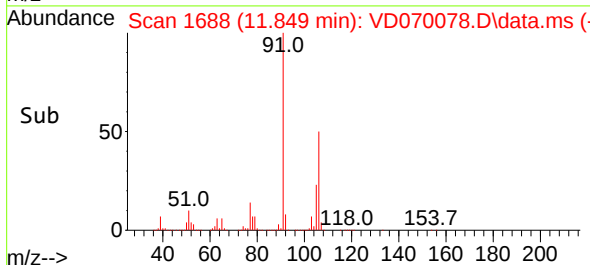
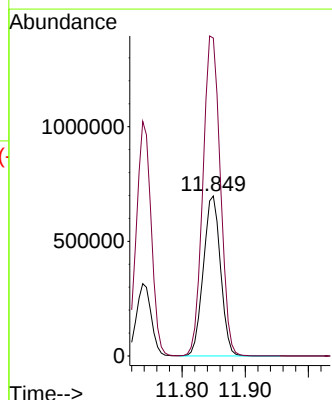
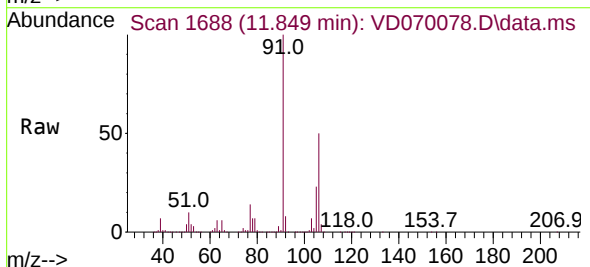
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

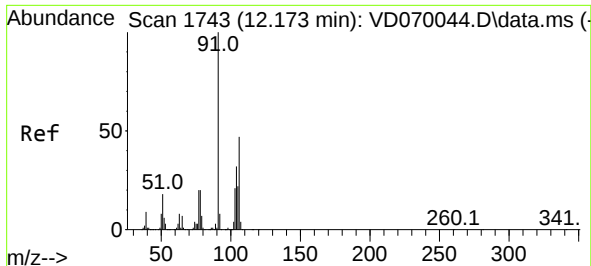
Tgt Ion: 91 Resp: 1672763  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.3 36.5



#68  
m/p-Xylenes  
Concen: 106.598 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion:106 Resp: 1318062  
Ion Ratio Lower Upper  
106 100  
91 202.6 164.6 246.8

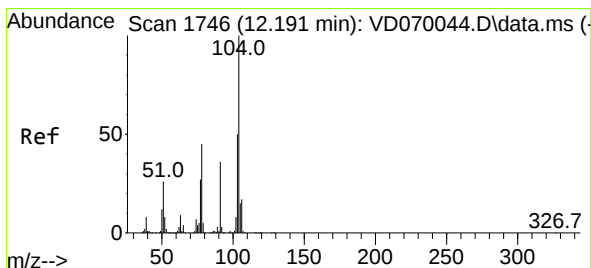
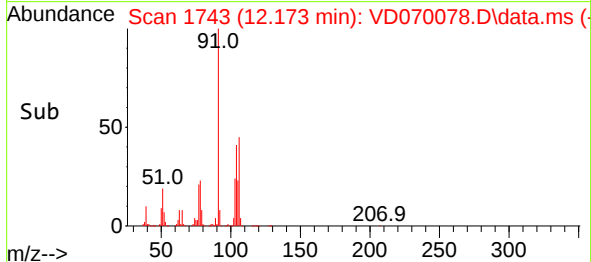
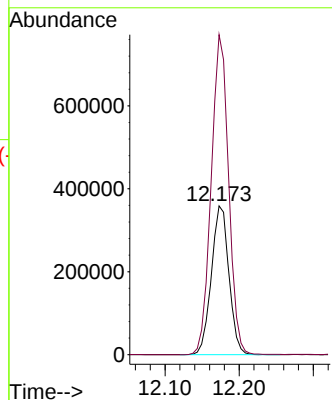
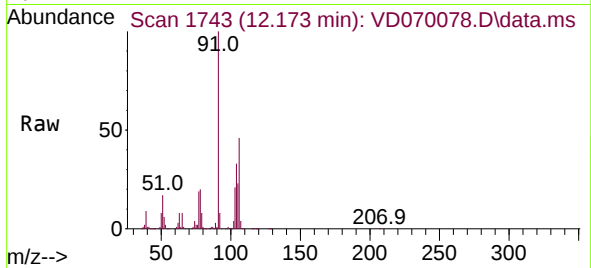




#69  
o-Xylene  
Concen: 52.760 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

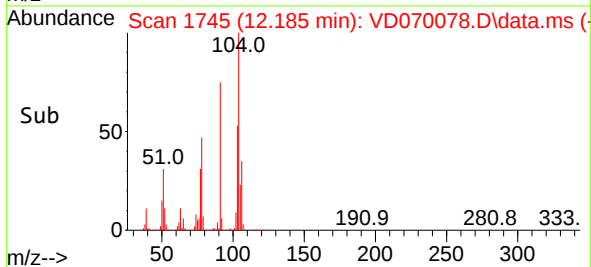
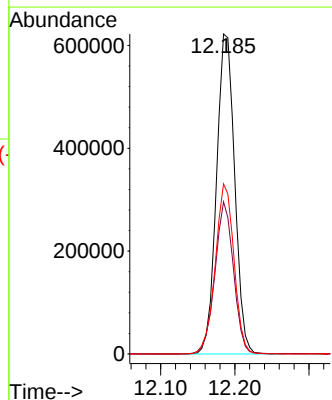
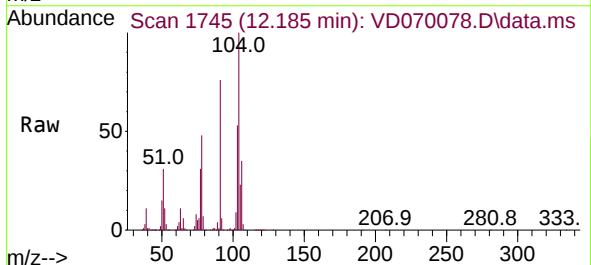
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

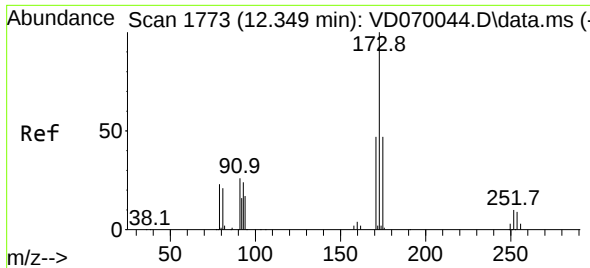
Tgt Ion:106 Resp: 588622  
Ion Ratio Lower Upper  
106 100  
91 213.8 108.6 325.8



#70  
Styrene  
Concen: 54.296 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion:104 Resp: 1060950  
Ion Ratio Lower Upper  
104 100  
78 48.5 39.7 59.5  
103 54.7 43.8 65.6

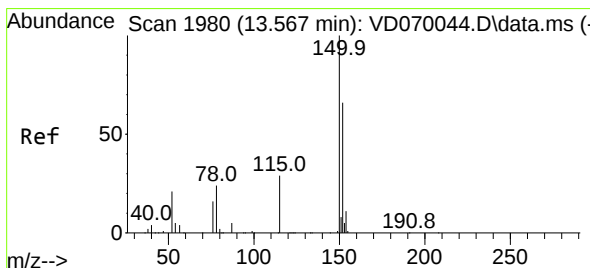
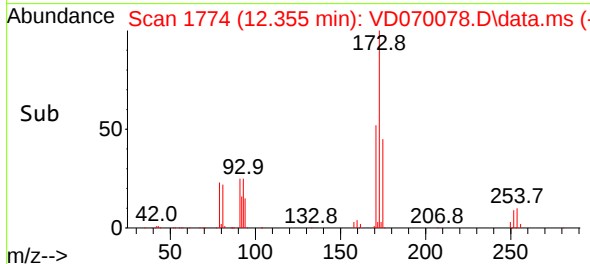
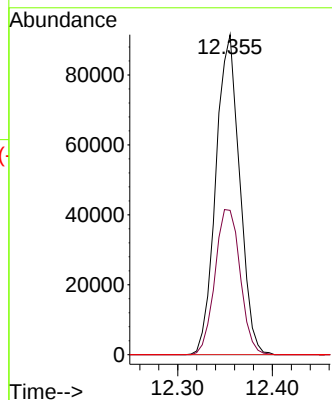
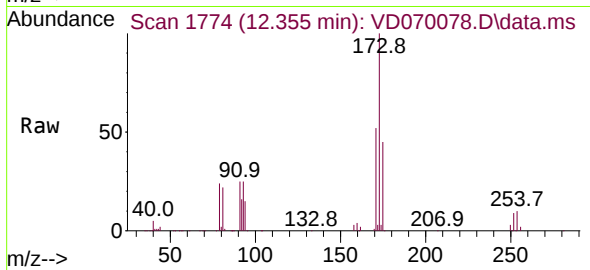




#71  
Bromoform  
Concen: 51.169 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

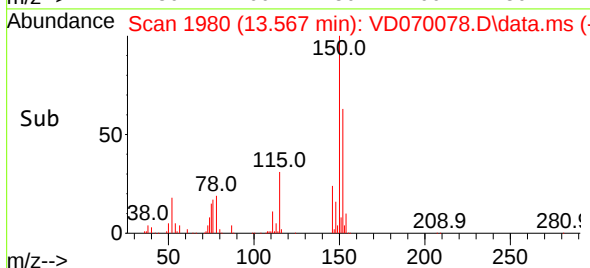
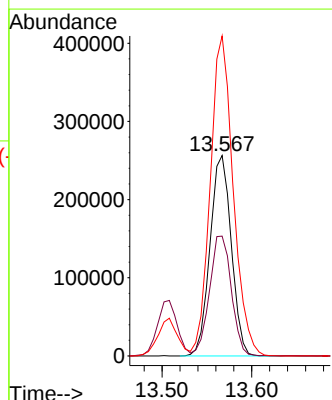
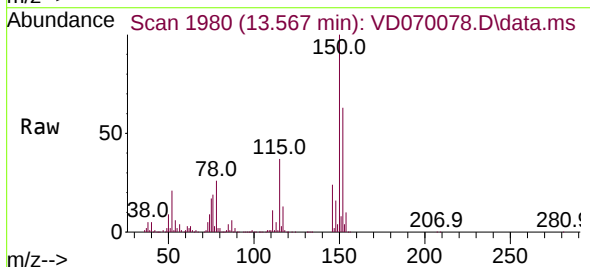
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

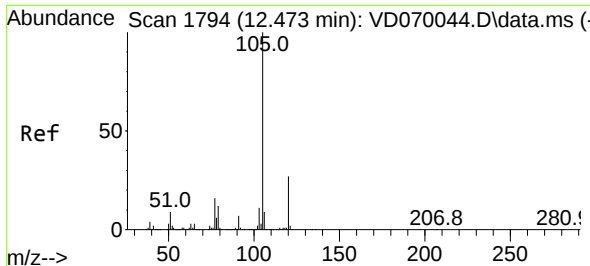
Tgt Ion:173 Resp: 159766  
Ion Ratio Lower Upper  
173 100  
175 48.1 24.1 72.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion:152 Resp: 421762  
Ion Ratio Lower Upper  
152 100  
115 61.5 31.2 93.6  
150 172.2 0.0 352.0

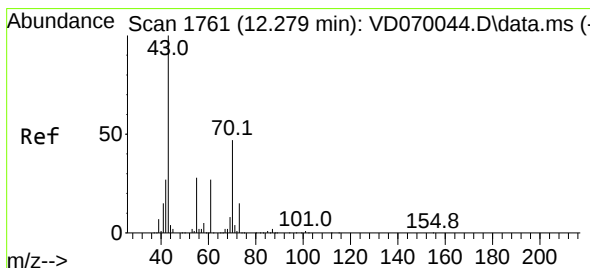
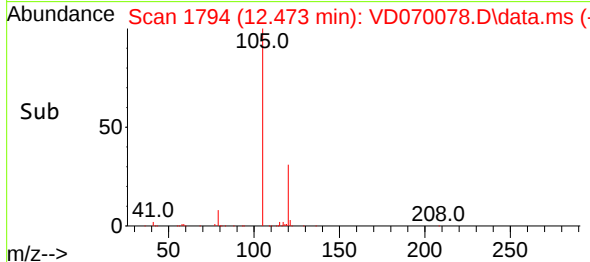
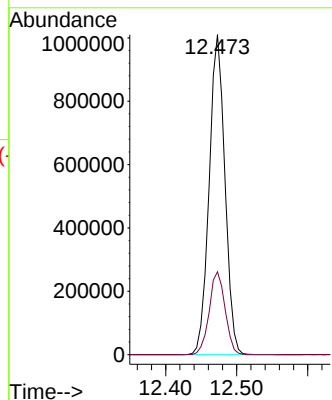
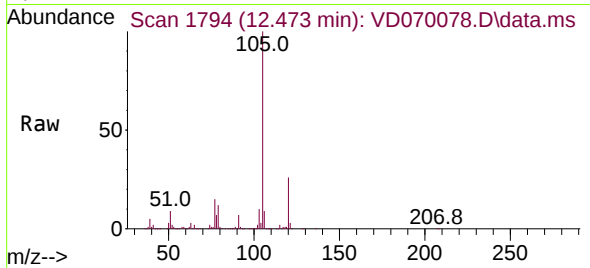




#73  
Isopropylbenzene  
Concen: 50.602 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

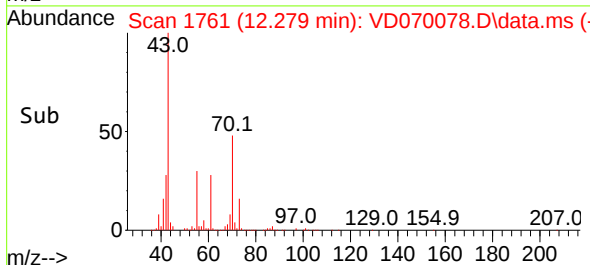
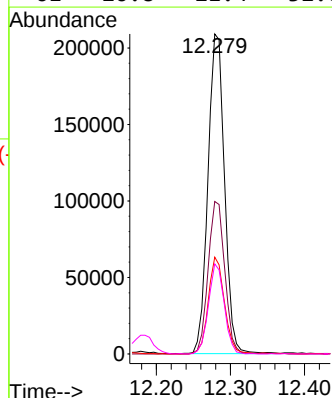
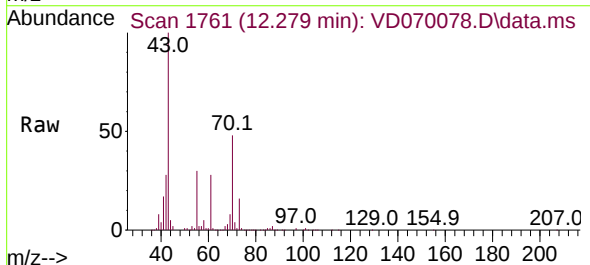
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

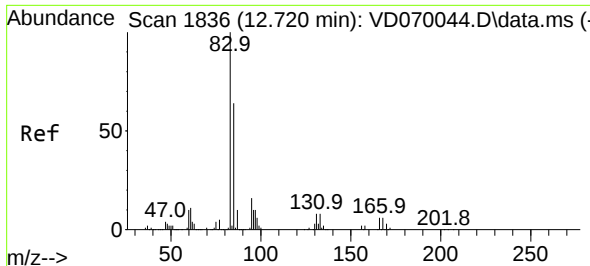
Tgt Ion:105 Resp: 1556321  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.3 39.8



#74  
N-ethyl acetate  
Concen: 49.111 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 43 Resp: 325667  
Ion Ratio Lower Upper  
43 100  
70 48.1 37.2 55.8  
55 29.6 22.9 34.3  
61 26.8 21.4 32.0

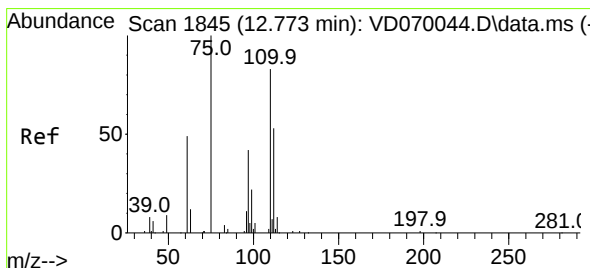
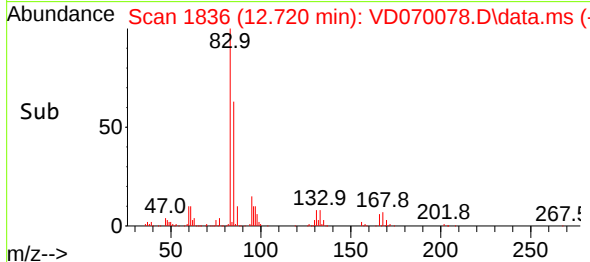
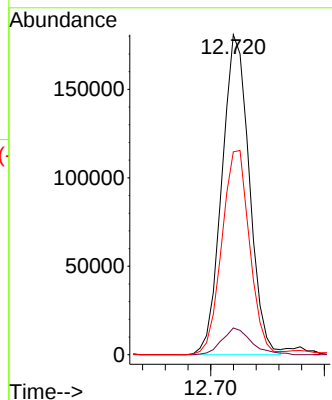
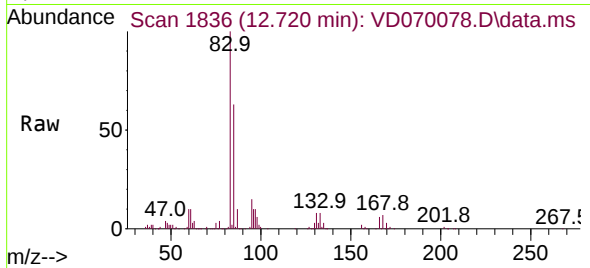




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.337 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

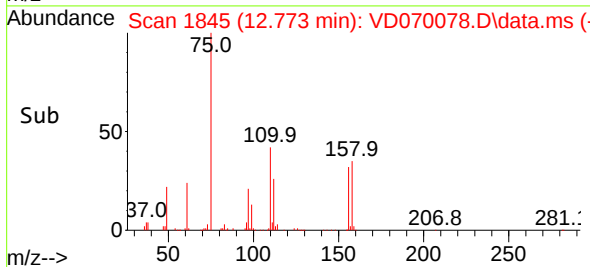
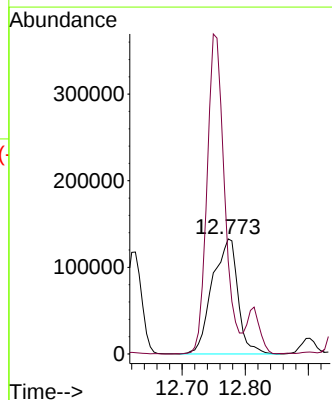
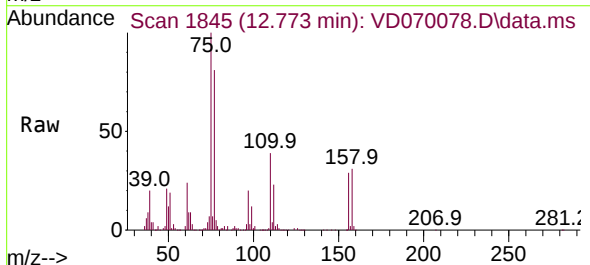
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050

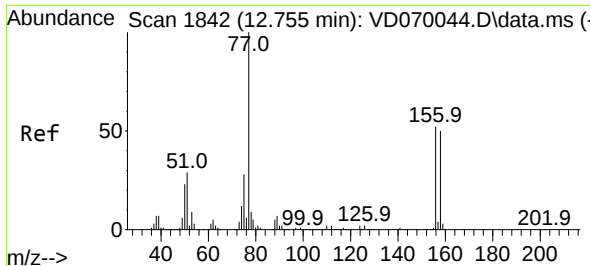
Tgt Ion: 83 Resp: 302772  
Ion Ratio Lower Upper  
83 100  
131 8.9 4.5 13.7  
85 64.8 31.9 95.5



#76  
1,2,3-Trichloropropane  
Concen: 87.553 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 75 Resp: 374485  
Ion Ratio Lower Upper  
75 100  
77 0.0 182.4 547.2#

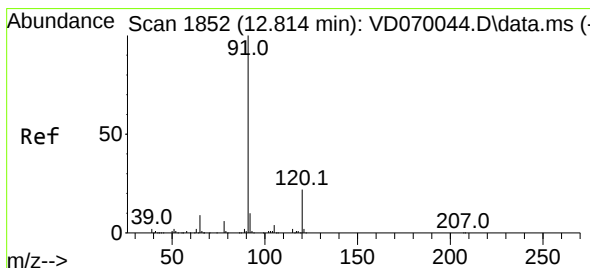
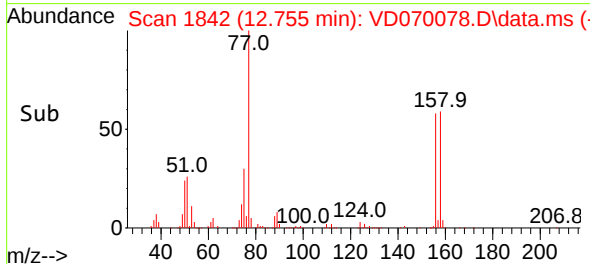
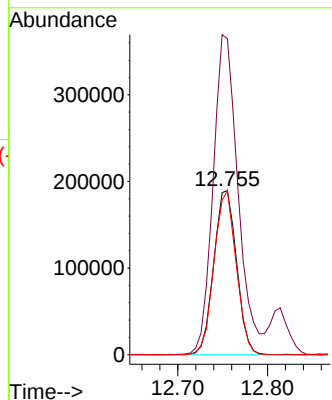
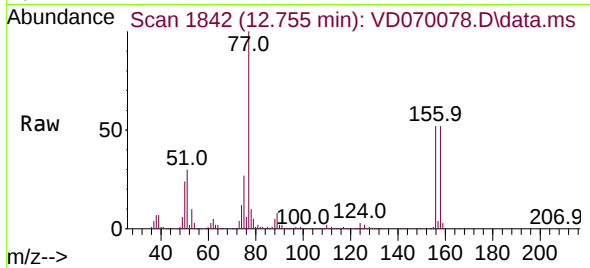




#77  
Bromobenzene  
Concen: 49.022 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

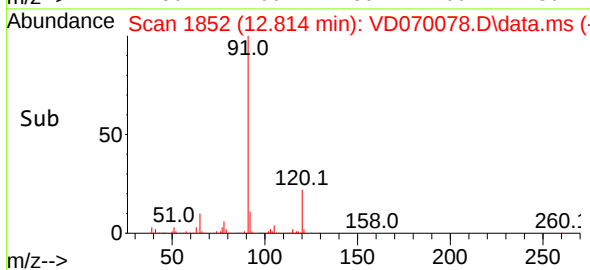
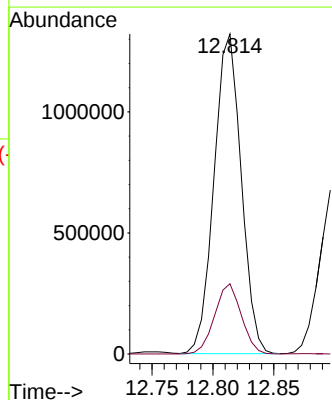
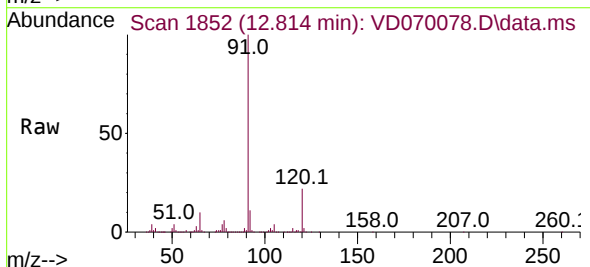
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

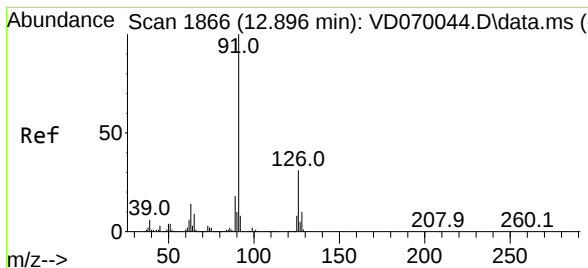
Tgt Ion:156 Resp: 334647  
Ion Ratio Lower Upper  
156 100  
77 214.1 106.9 320.7  
158 96.8 47.6 142.8



#78  
n-propylbenzene  
Concen: 51.715 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 91 Resp: 2051245  
Ion Ratio Lower Upper  
91 100  
120 21.5 10.9 32.9

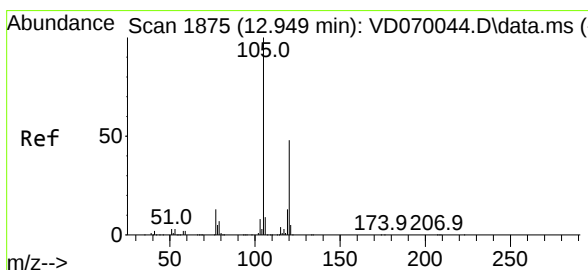
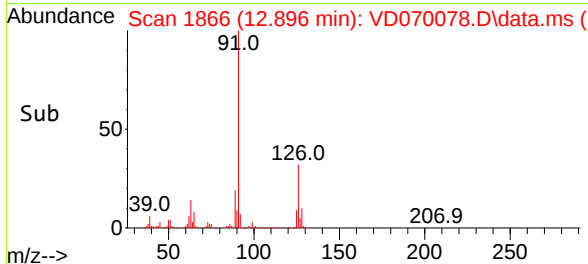
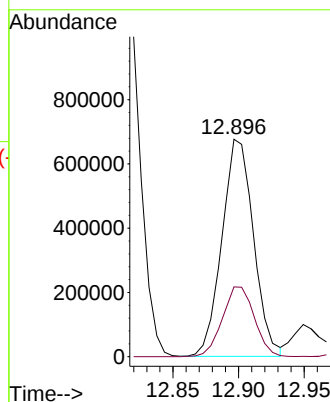
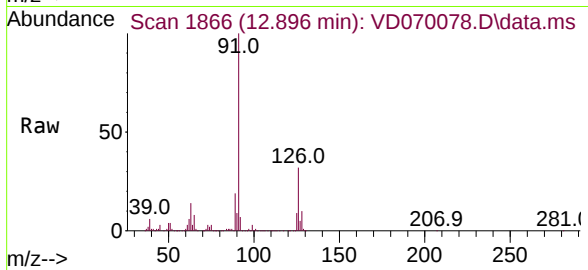




#79  
2-Chlorotoluene  
Concen: 49.715 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

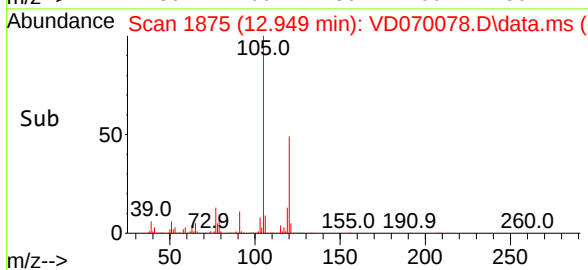
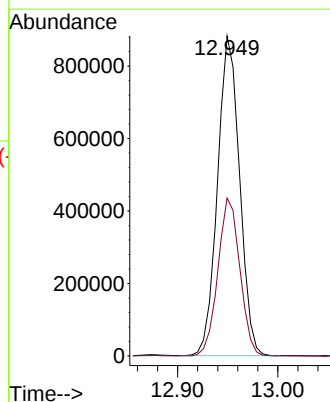
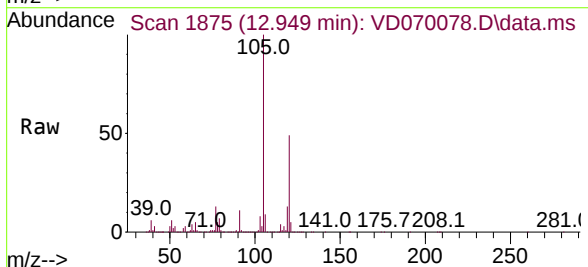
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

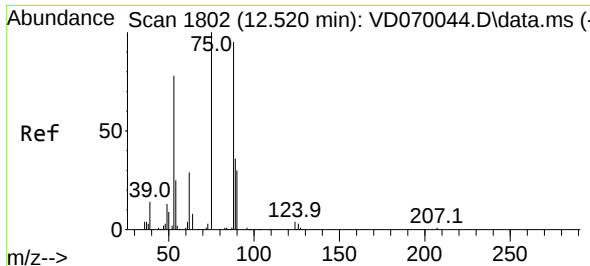
Tgt Ion: 91 Resp: 1134516  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.0 48.0



#80  
1,3,5-Trimethylbenzene  
Concen: 51.508 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 105 Resp: 1348679  
Ion Ratio Lower Upper  
105 100  
120 49.2 24.5 73.5

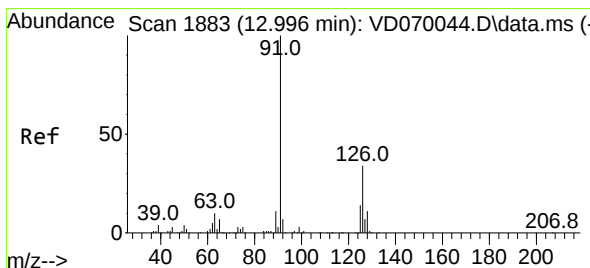
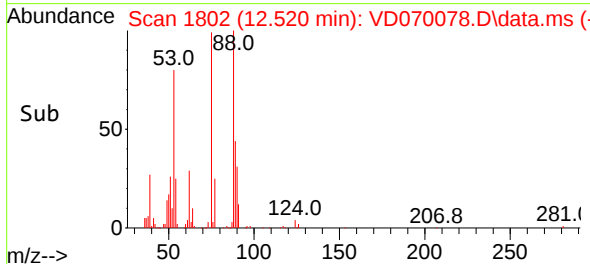
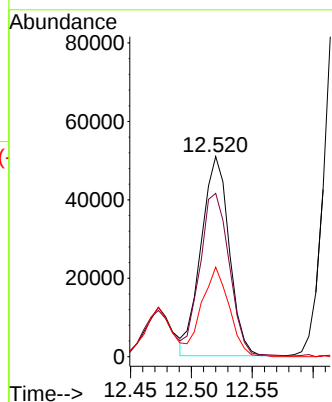
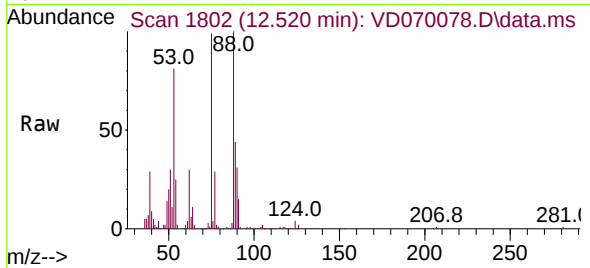




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.449 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

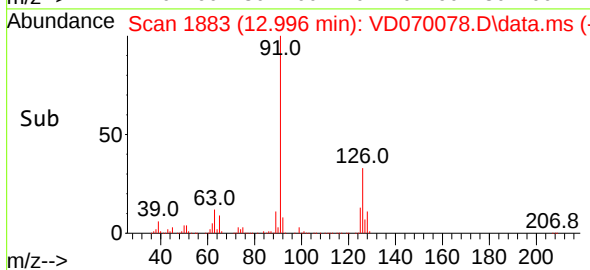
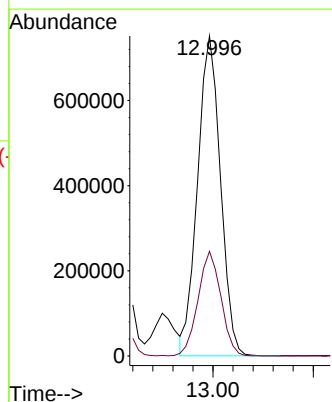
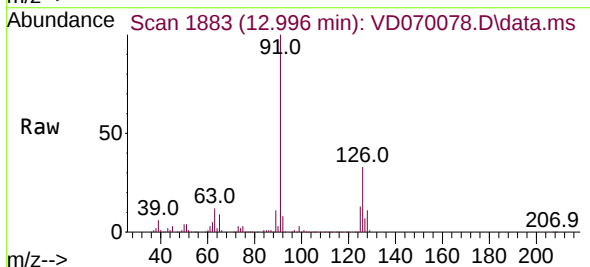
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

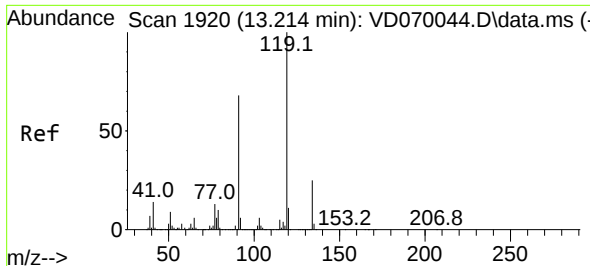
Tgt Ion: 75 Resp: 81485  
Ion Ratio Lower Upper  
75 100  
53 86.1 64.5 96.7  
89 43.3 33.7 50.5



#82  
4-Chlorotoluene  
Concen: 49.928 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 91 Resp: 1193044  
Ion Ratio Lower Upper  
91 100  
126 32.7 16.3 48.8

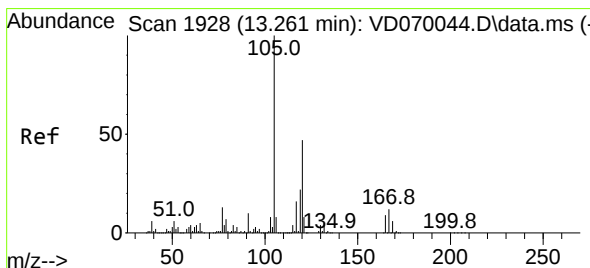
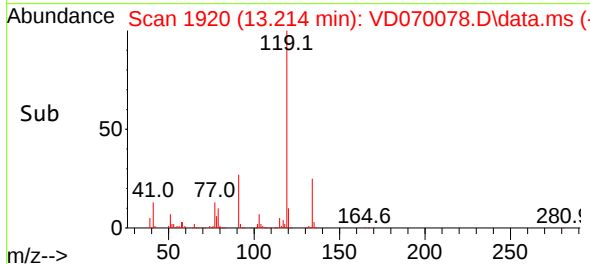
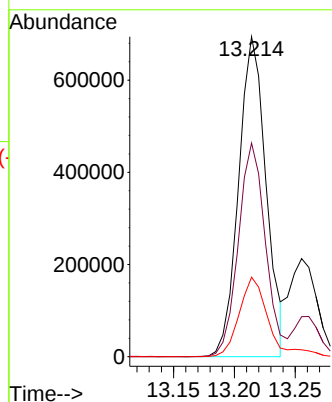
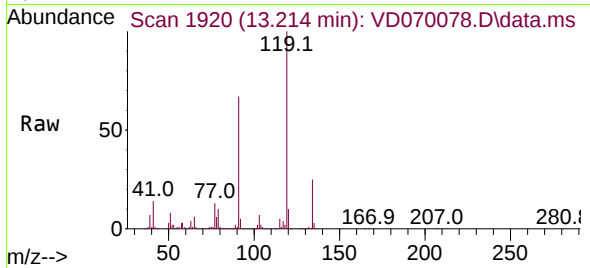




#83  
tert-Butylbenzene  
Concen: 51.267 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

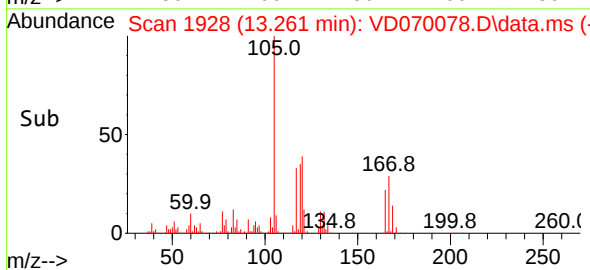
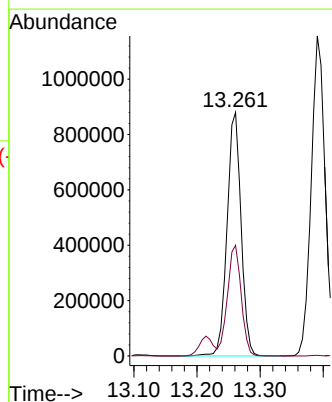
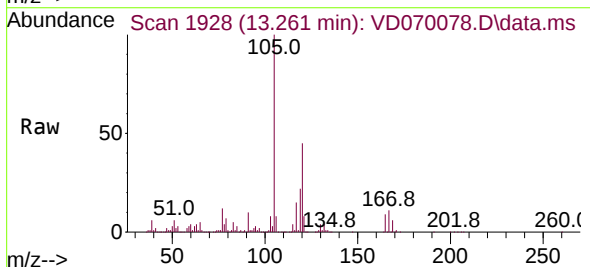
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

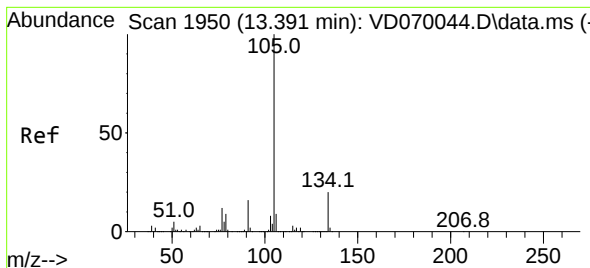
Tgt Ion:119 Resp: 1091088  
Ion Ratio Lower Upper  
119 100  
91 66.2 34.0 101.8  
134 26.5 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 52.104 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion:105 Resp: 1353332  
Ion Ratio Lower Upper  
105 100  
120 44.7 22.5 67.5

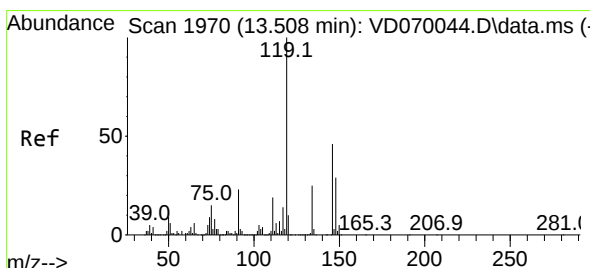
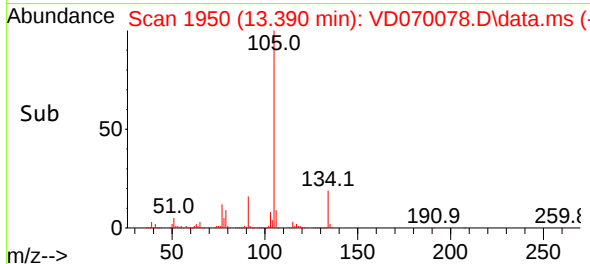
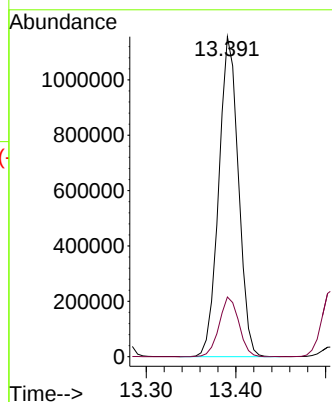
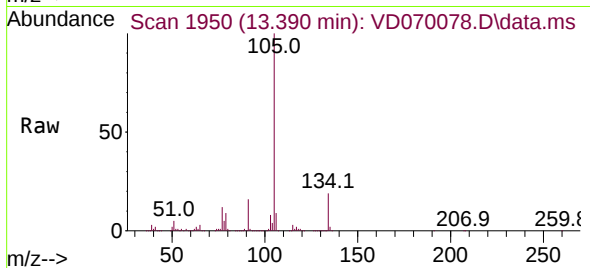




#85  
 sec-Butylbenzene  
 Concen: 51.566 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD070078.D  
 Acq: 17 Aug 2021 10:23

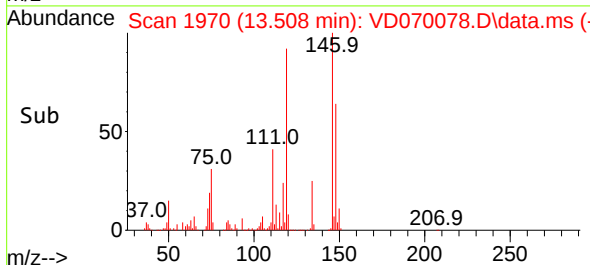
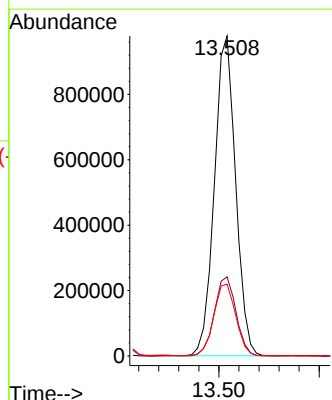
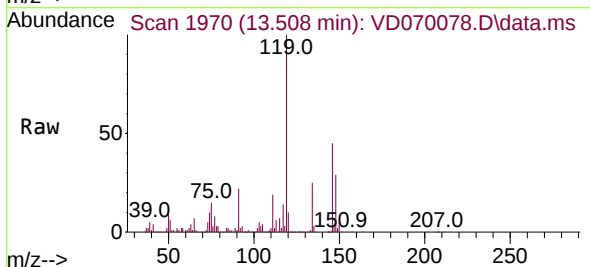
Instrument :  
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 ClientSampleId :  
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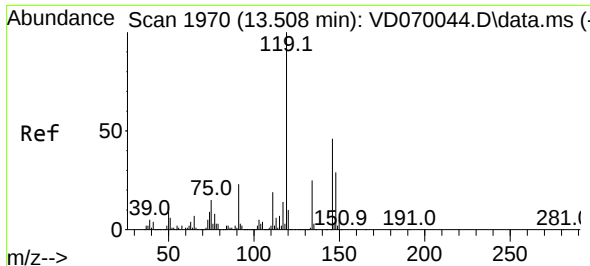
Tgt Ion:105 Resp: 1758327  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 52.117 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. -0.000 min  
 Lab File: VD070078.D  
 Acq: 17 Aug 2021 10:23

Tgt Ion:119 Resp: 1435717  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 12.8 38.3  
 91 23.3 11.6 34.8

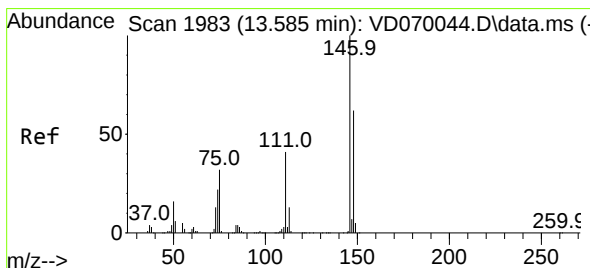
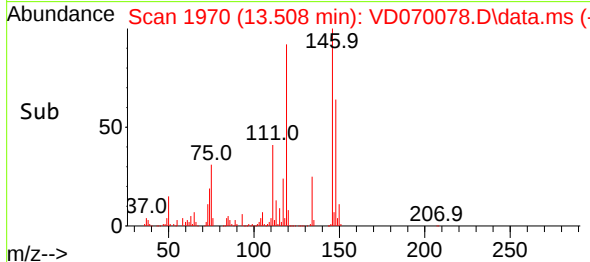
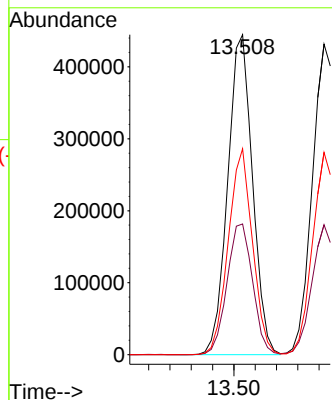
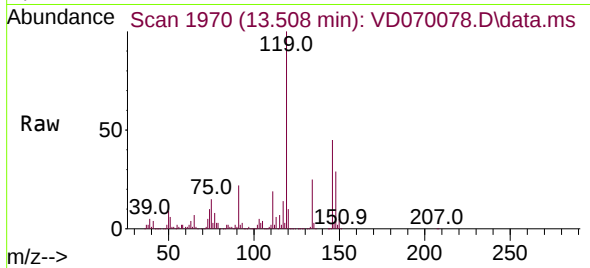




#87  
1,3-Dichlorobenzene  
Concen: 49.591 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

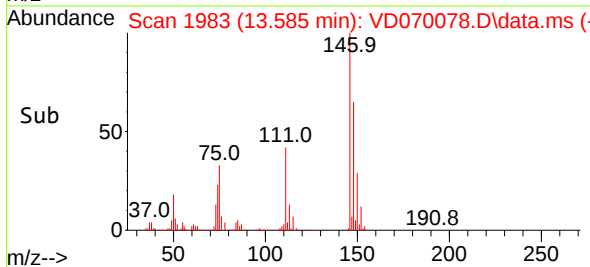
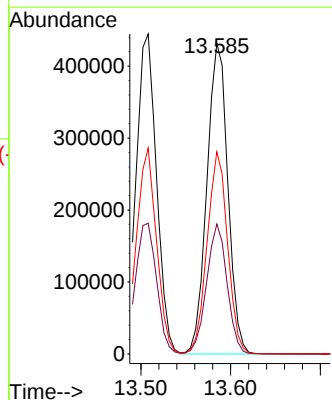
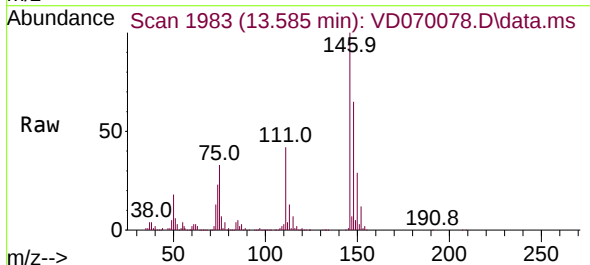
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050

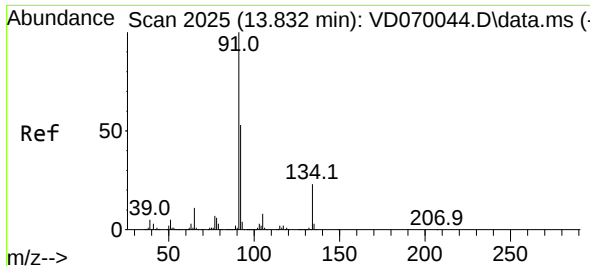
Tgt Ion:146 Resp: 719274  
Ion Ratio Lower Upper  
146 100  
111 42.1 21.3 64.0  
148 62.9 31.8 95.4



#88  
1,4-Dichlorobenzene  
Concen: 48.704 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion:146 Resp: 699677  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.3 60.8  
148 63.5 31.3 93.9

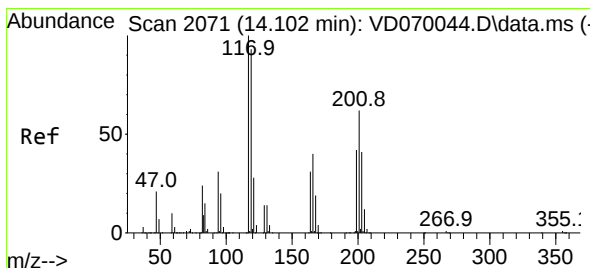
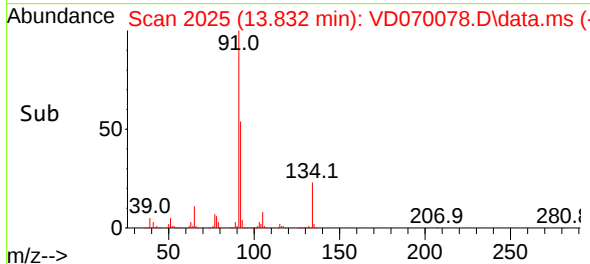
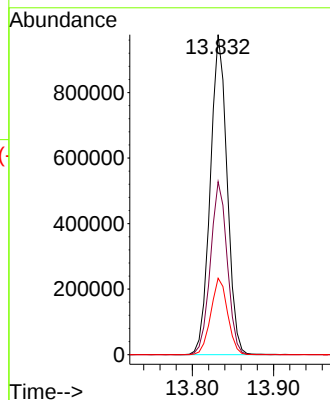
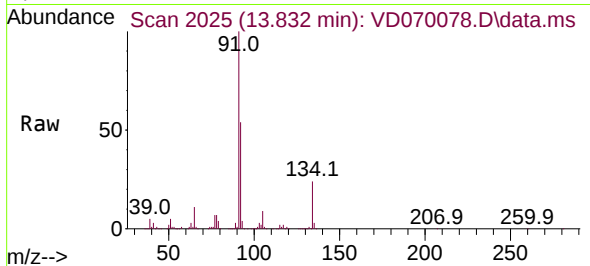




#89  
n-Butylbenzene  
Concen: 51.881 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

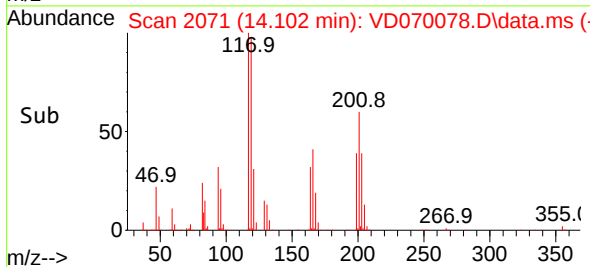
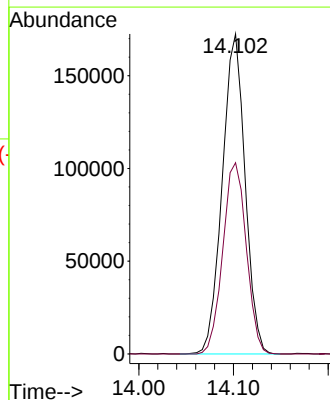
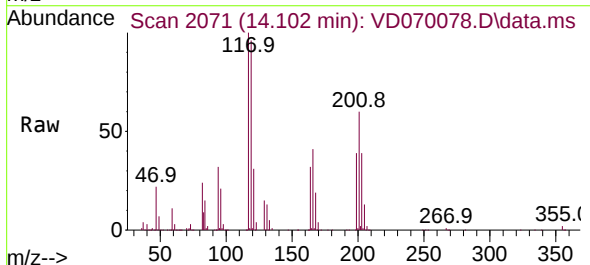
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

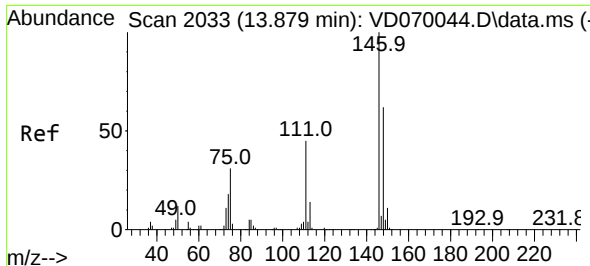
Tgt Ion: 91 Resp: 1402476  
Ion Ratio Lower Upper  
91 100  
92 53.9 27.1 81.3  
134 23.9 11.8 35.3



#90  
Hexachloroethane  
Concen: 49.690 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 117 Resp: 288859  
Ion Ratio Lower Upper  
117 100  
201 61.5 31.6 95.0

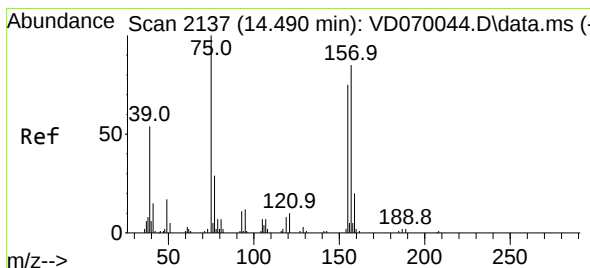
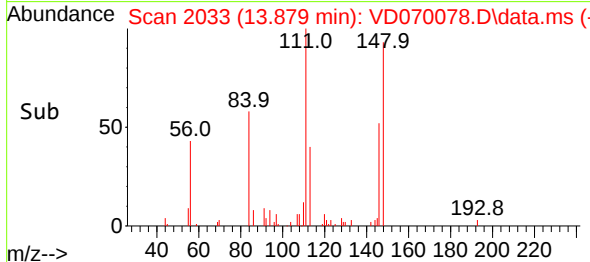
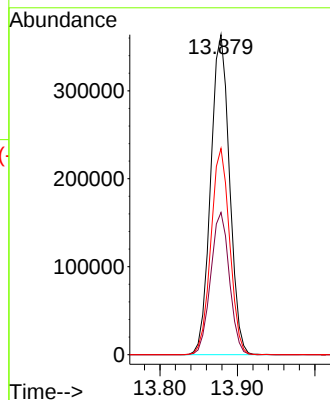
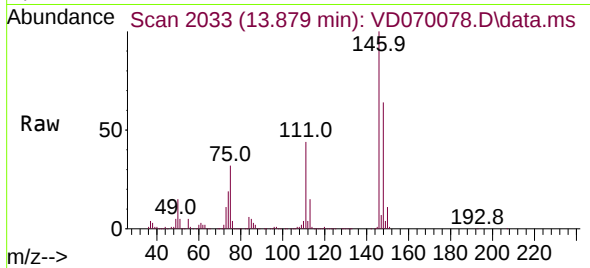




#91  
1,2-Dichlorobenzene  
Concen: 49.347 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

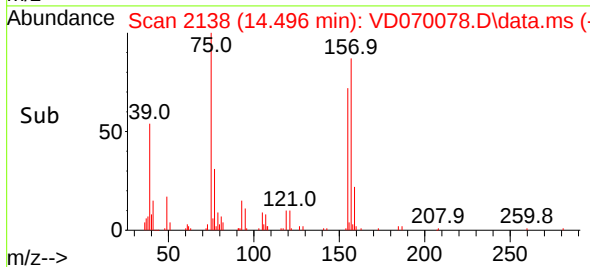
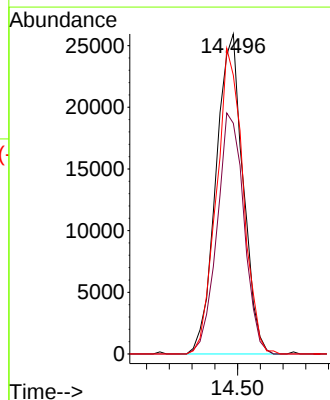
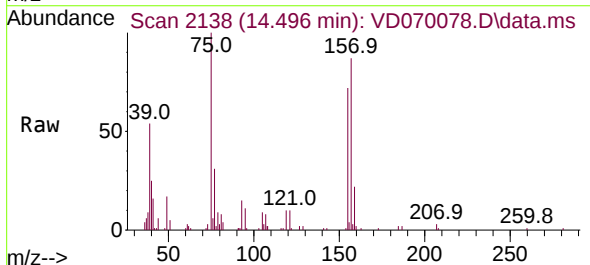
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

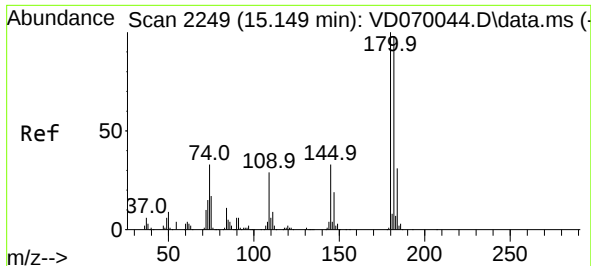
Tgt Ion:146 Resp: 613295  
Ion Ratio Lower Upper  
146 100  
111 44.2 22.4 67.2  
148 64.2 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.795 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. 0.006 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion: 75 Resp: 42894  
Ion Ratio Lower Upper  
75 100  
155 74.9 35.3 105.9  
157 93.6 46.8 140.3

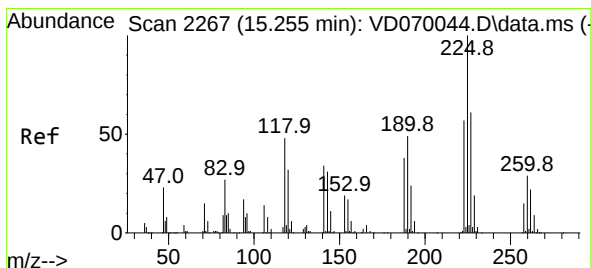
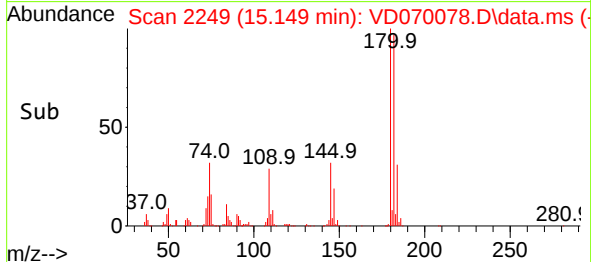
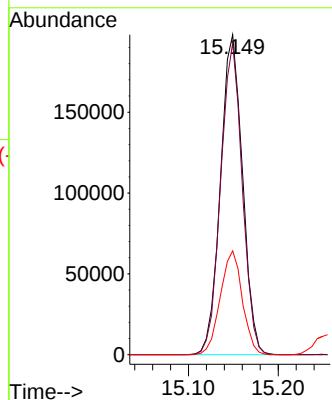
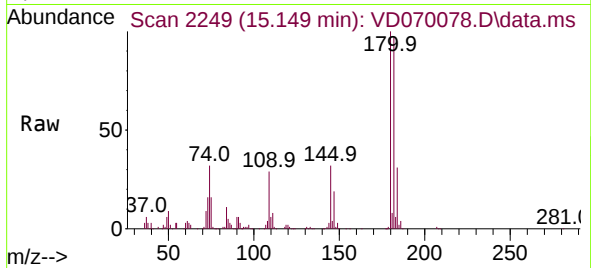




#93  
1,2,4-Trichlorobenzene  
Concen: 48.829 ug/l  
RT: 15.149 min Scan# 2249  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

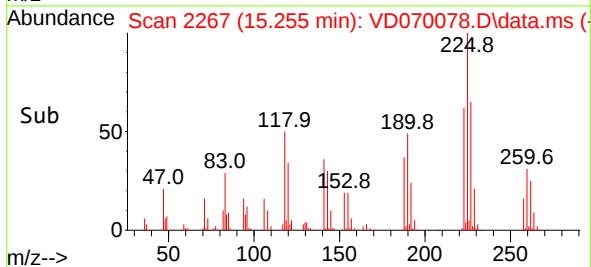
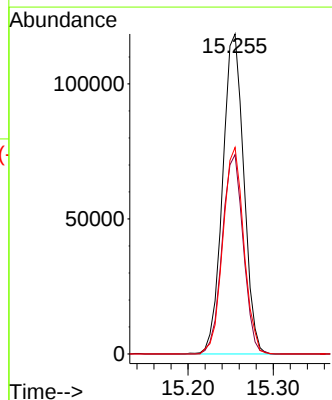
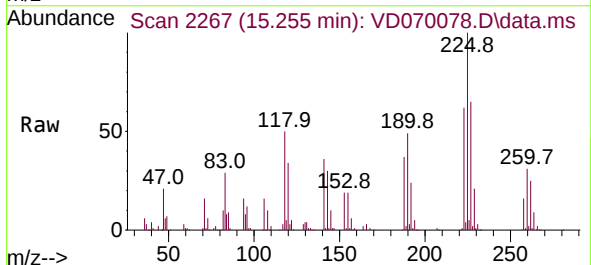
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

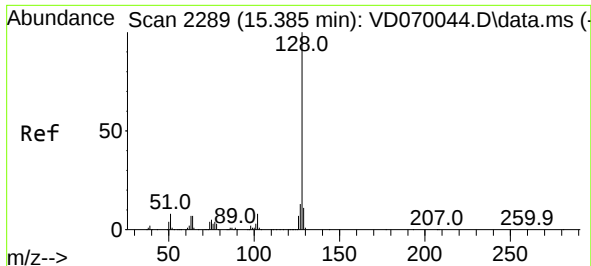
Tgt Ion:180 Resp: 337473  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.9 143.6  
145 32.4 16.3 48.9



#94  
Hexachlorobutadiene  
Concen: 50.029 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion:225 Resp: 204251  
Ion Ratio Lower Upper  
225 100  
223 61.9 30.5 91.5  
227 63.8 31.4 94.2

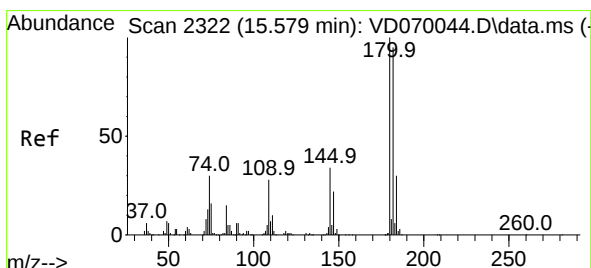
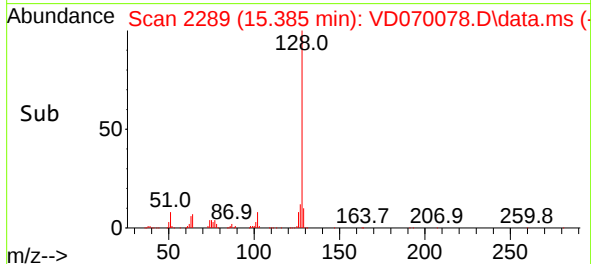
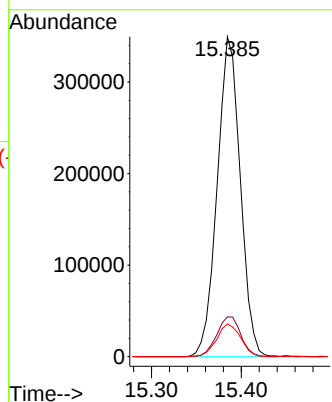
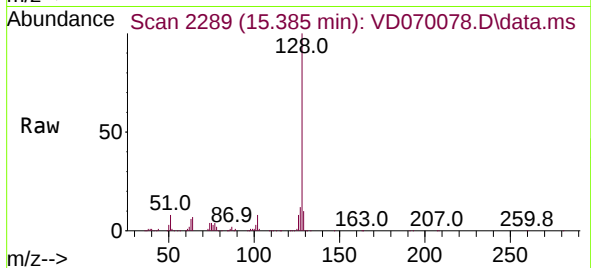




#95  
Naphthalene  
Concen: 49.616 ug/l  
RT: 15.385 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 624112  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.5 15.7  
129 10.7 8.3 12.5



#96  
1,2,3-Trichlorobenzene  
Concen: 49.139 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VD070078.D  
Acq: 17 Aug 2021 10:23

Tgt Ion:180 Resp: 296465  
Ion Ratio Lower Upper  
180 100  
182 96.1 47.9 143.6  
145 33.9 16.8 50.3

