

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD072221\  
 Data File : VD069819.D  
 Acq On : 22 Jul 2021 20:33  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 23 05:04:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 04:51:13 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.979  | 168   | 606301   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861  | 114   | 1054533  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638 | 117   | 1032864  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567 | 152   | 502408   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326  | 65    | 342947   | 49.182   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 98.360%  |
| 35) Dibromofluoromethane     | 7.908  | 113   | 337547   | 50.776   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 101.560% |
| 50) Toluene-d8               | 10.338 | 98    | 1295154  | 50.526   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 101.060% |
| 62) 4-Bromofluorobenzene     | 12.626 | 95    | 442106   | 51.607   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 103.220% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985  | 85    | 270224   | 42.344   | ug/l   | 100      |
| 3) Chloromethane             | 2.209  | 50    | 403448   | 43.582   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.344  | 62    | 431534   | 44.320   | ug/l   | 98       |
| 5) Bromomethane              | 2.762  | 94    | 280084   | 48.710   | ug/l   | 100      |
| 6) Chloroethane              | 2.914  | 64    | 284884   | 45.141   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.267  | 101   | 541470   | 45.048   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.709  | 74    | 162521   | 48.070   | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 4.091  | 101   | 351481   | 46.042   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.297  | 142   | 326880   | 43.829   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.226  | 59    | 86683    | 240.243  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.067  | 96    | 317366   | 45.750   | ug/l   | 98       |
| 13) Acrolein                 | 3.920  | 56    | 108377   | 214.573  | ug/l   | 97       |
| 14) Allyl chloride           | 4.714  | 41    | 480933   | 47.287   | ug/l   | 99       |
| 15) Acrylonitrile            | 5.426  | 53    | 408992   | 257.154  | ug/l   | 98       |
| 16) Acetone                  | 4.161  | 43    | 289475   | 229.807  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.409  | 76    | 1136409  | 45.817   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.720  | 43    | 176260   | 48.226   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.473  | 73    | 747202   | 51.987   | ug/l   | 99       |
| 20) Methylene Chloride       | 4.961  | 84    | 550001   | 61.772   | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 5.473  | 96    | 392494   | 48.017   | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.361  | 45    | 1139002  | 51.537   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.303  | 43    | 2864050  | 236.755  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.261  | 63    | 730434   | 47.851   | ug/l   | 99       |
| 25) 2-Butanone               | 7.214  | 43    | 447684   | 262.074  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.208  | 77    | 541278   | 46.633   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.208  | 96    | 426135   | 48.856   | ug/l   | 98       |
| 28) Bromochloromethane       | 7.544  | 49    | 283852   | 48.977   | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.561  | 42    | 301396   | 272.714  | ug/l   | 97       |
| 30) Chloroform               | 7.708  | 83    | 732110   | 47.702   | ug/l   | 99       |
| 31) Cyclohexane              | 7.985  | 56    | 615764   | 45.195   | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 7.897  | 97    | 594986   | 46.836   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.108  | 75    | 561152   | 49.310   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.291  | 43    | 222441   | 53.692   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.097  | 117   | 503763   | 48.462   | ug/l   | 100      |
| 39) Methylcyclohexane        | 9.355  | 83    | 648489   | 49.756   | ug/l   | 97       |
| 40) Benzene                  | 8.349  | 78    | 1626730  | 49.341   | ug/l   | 100      |

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 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 04:51:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 124181   | 57.117   | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 444158   | 50.940   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.449  | 43   | 393443   | 52.951   | ug/l   | 99       |
| 44) Trichloroethene           | 9.108  | 130  | 387821   | 47.766   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 430779   | 49.743   | ug/l   | 98       |
| 46) Dibromomethane            | 9.473  | 93   | 214264   | 50.334   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.661  | 83   | 553581   | 50.054   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.449  | 41   | 195494   | 49.447   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 49658    | 1104.153 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 1084012  | 280.359  | ug/l   | 100      |
| 52) Toluene                   | 10.396 | 92   | 1030662  | 51.534   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 474842   | 51.150   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 556792   | 49.541   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 306335   | 50.949   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 364883   | 49.156   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.943 | 76   | 528442   | 51.941   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 858262   | 261.449  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.979 | 43   | 723600   | 282.929  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.132 | 129  | 350685   | 51.501   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 285340   | 52.710   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.873 | 164  | 316657   | 48.095   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.661 | 112  | 1038408  | 48.526   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 379583   | 49.310   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.738 | 91   | 1906310  | 50.600   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.843 | 106  | 1502822  | 102.901  | ug/l   | 99       |
| 69) o-Xylene                  | 12.173 | 106  | 670032   | 50.465   | ug/l   | 97       |
| 70) Styrene                   | 12.185 | 104  | 1223189  | 53.160   | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 191345   | 51.183   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 1777989  | 49.254   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 381487   | 51.378   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 349114   | 48.427   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 439633   | 82.325   | ug/l # | 1        |
| 77) Bromobenzene              | 12.749 | 156  | 391837   | 48.194   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.814 | 91   | 2287948  | 49.347   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 1285704  | 47.741   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 1532454  | 49.626   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 89982    | 51.118   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 1367194  | 48.559   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 1226745  | 48.862   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 1527454  | 50.139   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 1968309  | 49.592   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 1579001  | 48.968   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 811711   | 47.553   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.584 | 146  | 795559   | 46.760   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.832 | 91   | 1550094  | 48.710   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.096 | 117  | 316243   | 46.299   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 703057   | 47.721   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 48661    | 46.876   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 385435   | 48.489   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 227217   | 46.729   | ug/l   | 99       |
| 95) Naphthalene               | 15.384 | 128  | 728958   | 44.951   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 341629   | 49.698   | ug/l   | 99       |

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Quant Title : SW846 8260  
QLast Update : Fri Jul 23 04:51:13 2021  
Response via : Initial Calibration

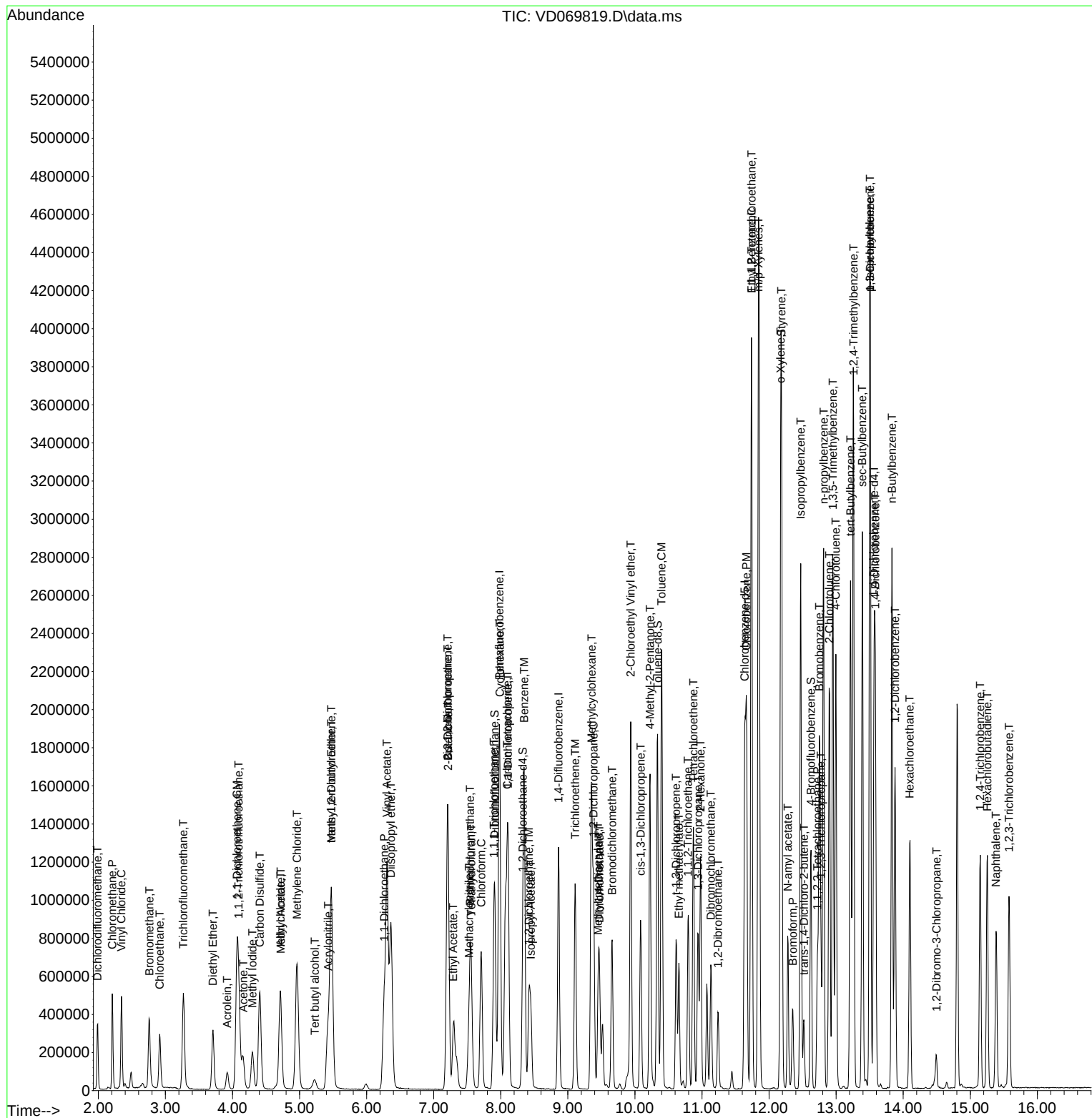
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

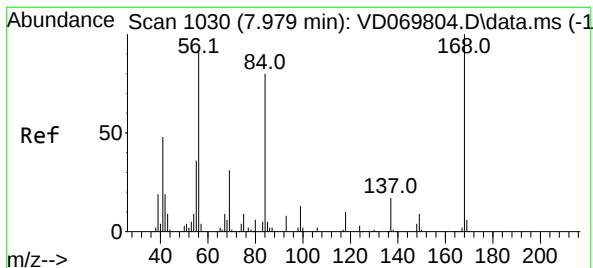
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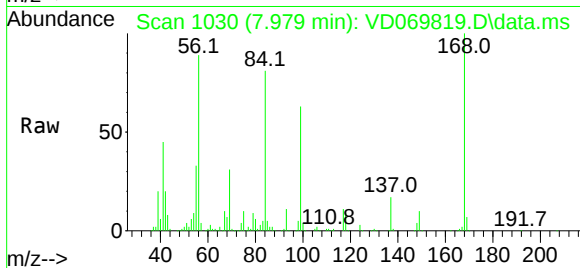
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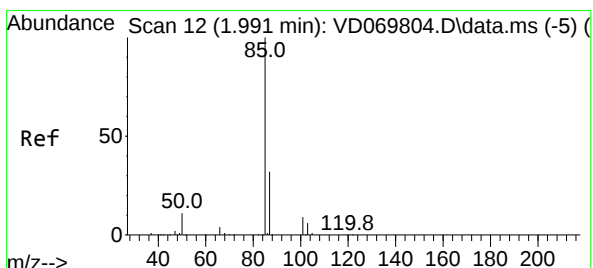
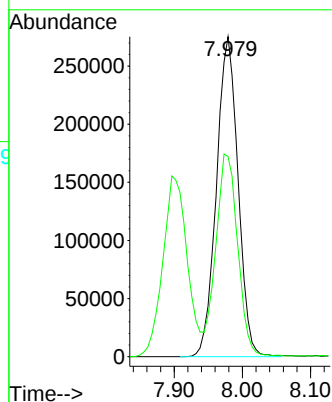
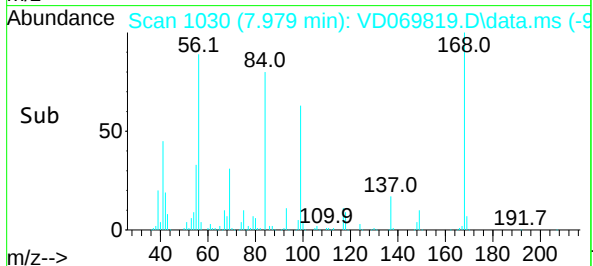


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

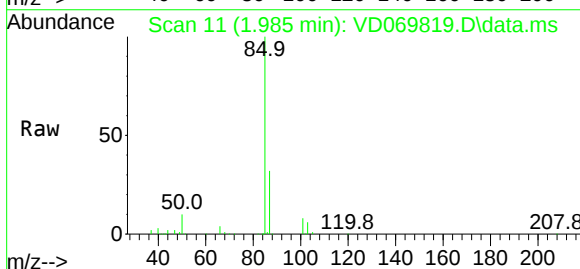
Instrument :  
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VSTDCCC050EC



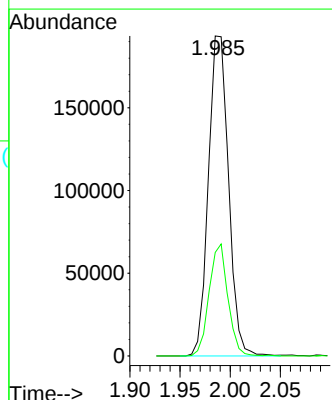
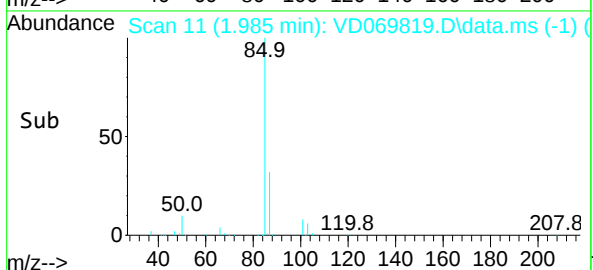
Tgt Ion:168 Resp: 606301  
Ion Ratio Lower Upper  
168 100  
99 62.1 51.1 76.7

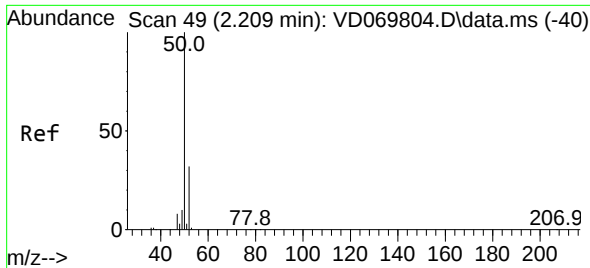


#2  
Dichlorodifluoromethane  
Concen: 42.344 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33



Tgt Ion: 85 Resp: 270224  
Ion Ratio Lower Upper  
85 100  
87 32.4 16.1 48.3

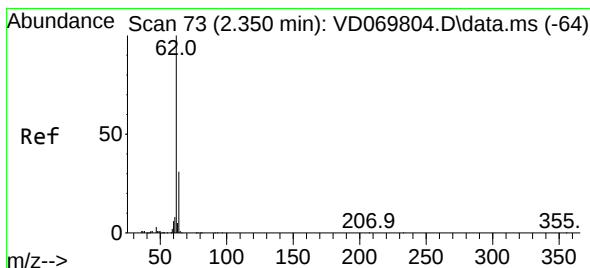
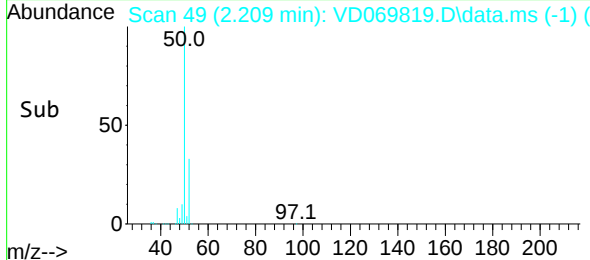
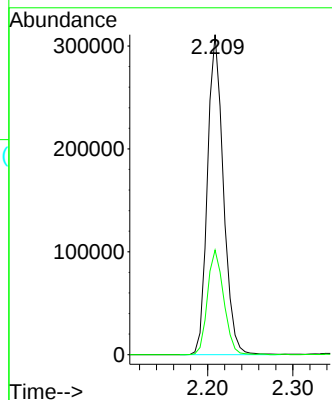
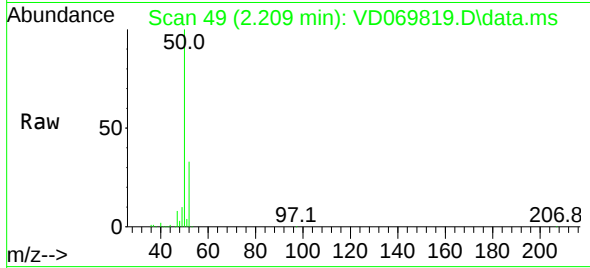




#3  
Chloromethane  
Concen: 43.582 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

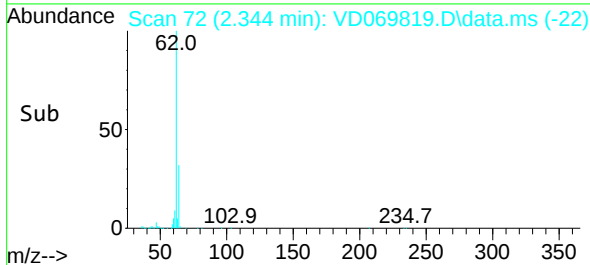
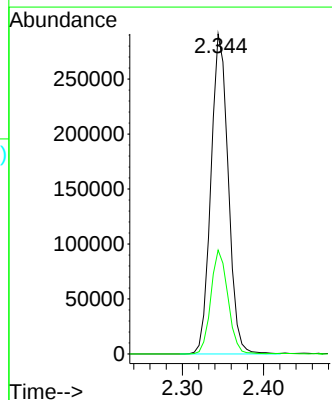
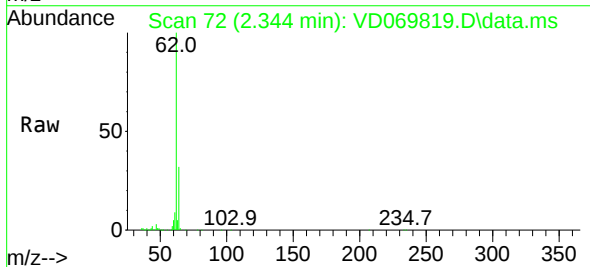
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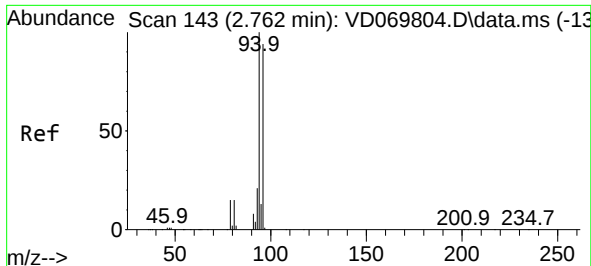
Tgt Ion: 50 Resp: 403448  
Ion Ratio Lower Upper  
50 100  
52 32.7 25.7 38.5



#4  
Vinyl Chloride  
Concen: 44.320 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 62 Resp: 431534  
Ion Ratio Lower Upper  
62 100  
64 32.5 25.0 37.4

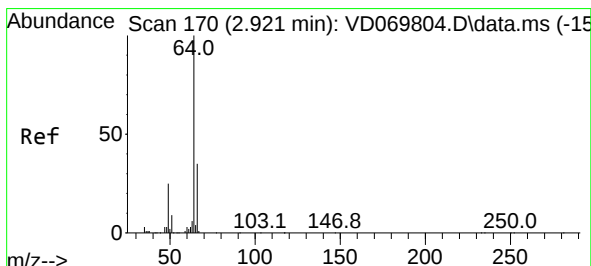
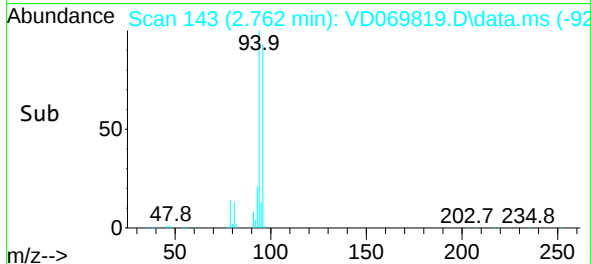
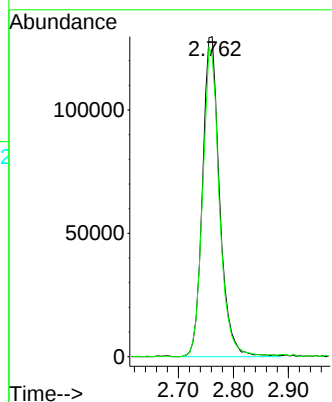
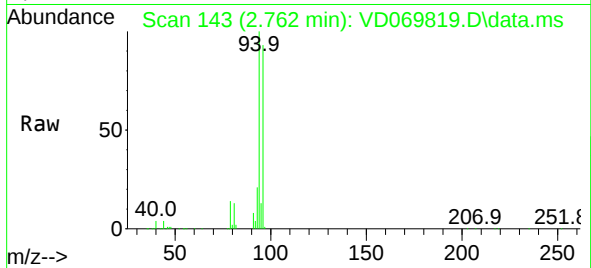




#5  
Bromomethane  
Concen: 48.710 ug/l  
RT: 2.762 min Scan# 143  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

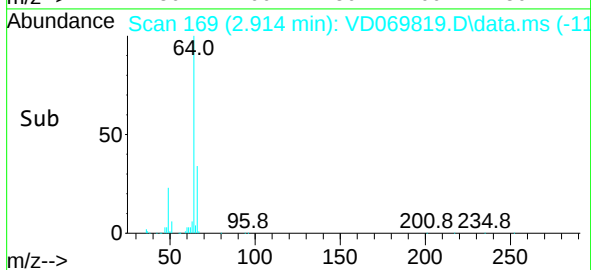
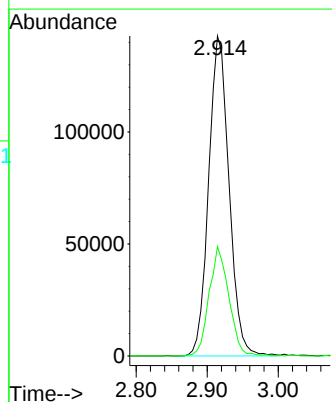
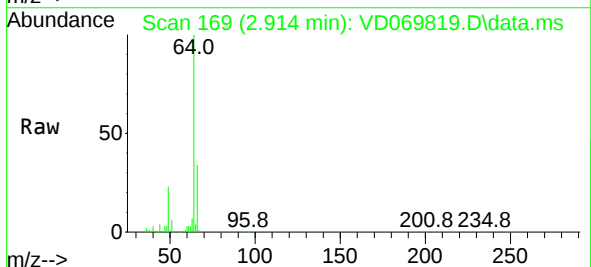
Instrument :  
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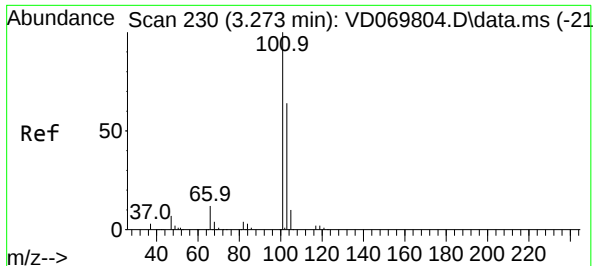
Tgt Ion: 94 Resp: 280084  
Ion Ratio Lower Upper  
94 100  
96 93.5 74.8 112.2



#6  
Chloroethane  
Concen: 45.141 ug/l  
RT: 2.914 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 64 Resp: 284884  
Ion Ratio Lower Upper  
64 100  
66 34.2 27.8 41.6

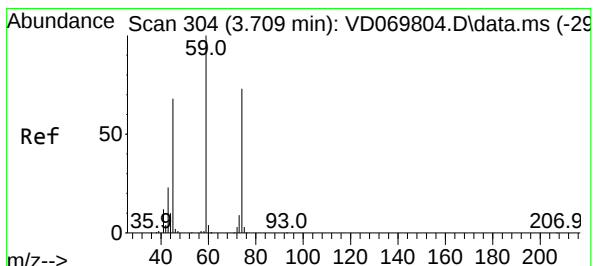
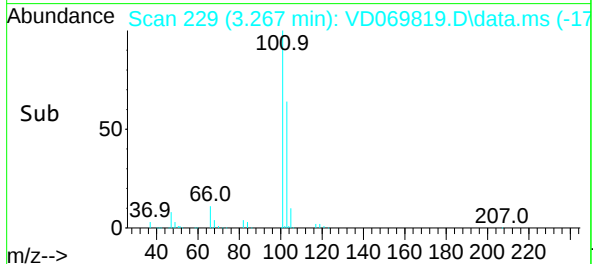
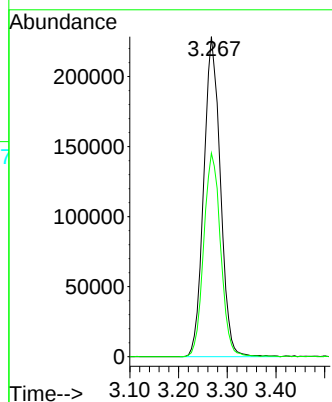
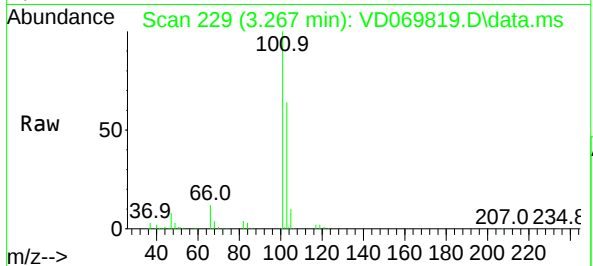




#7  
Trichlorofluoromethane  
Concen: 45.048 ug/l  
RT: 3.267 min Scan# 229  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

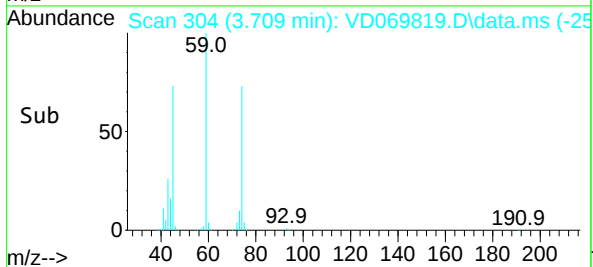
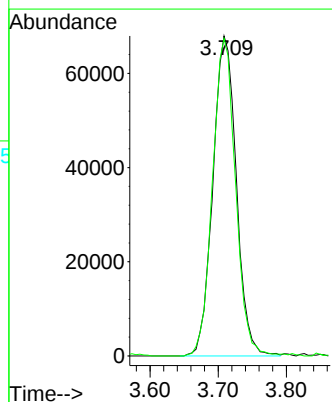
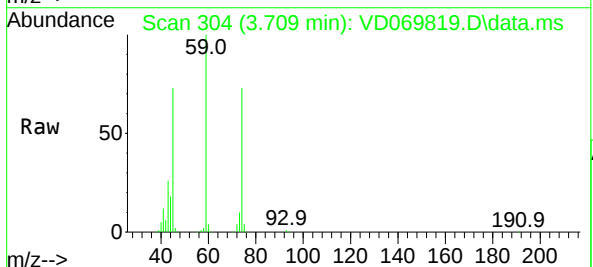
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

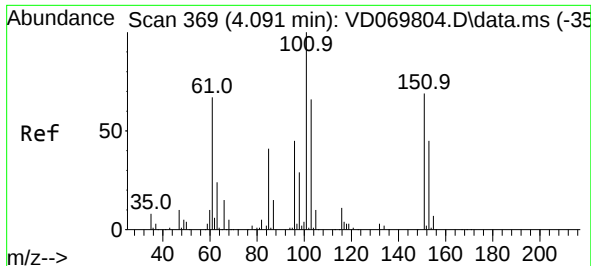
Tgt Ion:101 Resp: 541470  
Ion Ratio Lower Upper  
101 100  
103 63.6 51.3 76.9



#8  
Diethyl Ether  
Concen: 48.070 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 74 Resp: 162521  
Ion Ratio Lower Upper  
74 100  
45 97.5 46.8 140.4

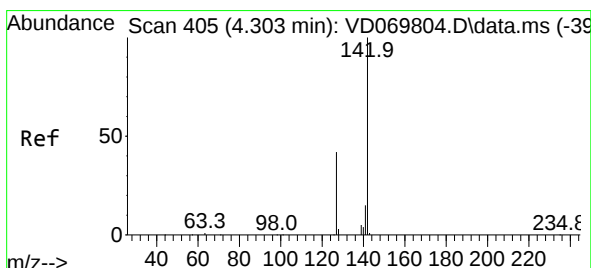
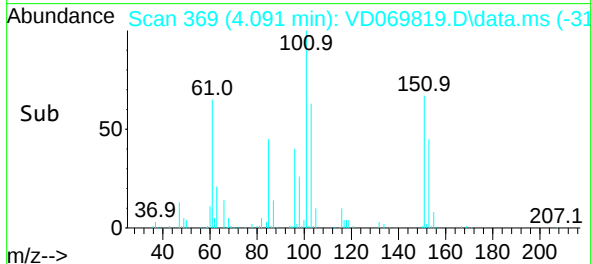
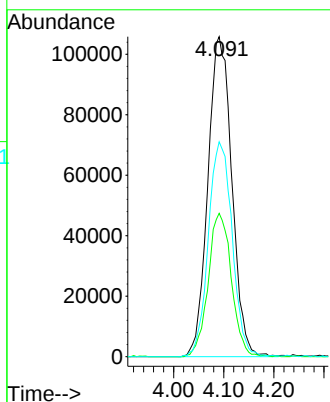
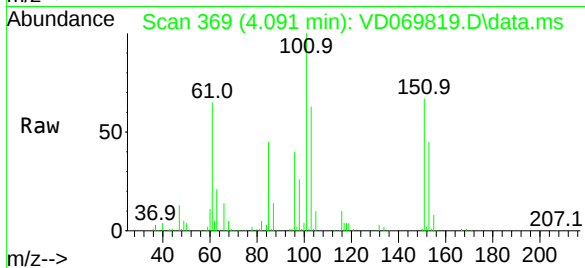




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.042 ug/l  
RT: 4.091 min Scan# 369  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

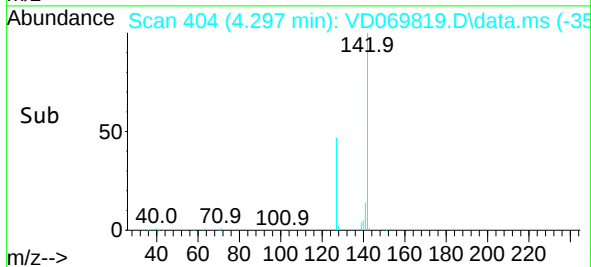
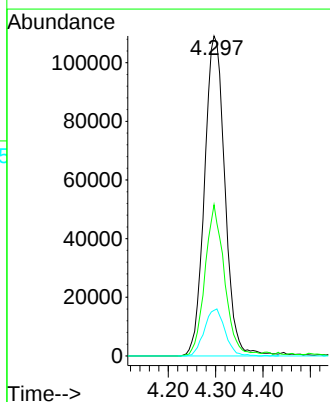
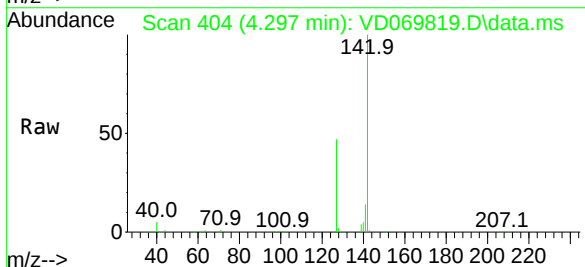
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

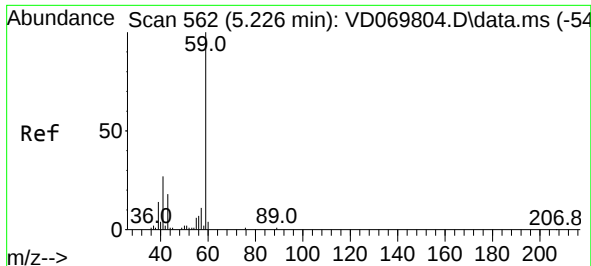
Tgt Ion:101 Resp: 351481  
Ion Ratio Lower Upper  
101 100  
85 43.3 34.7 52.1  
151 66.9 55.4 83.0



#10  
Methyl Iodide  
Concen: 43.829 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

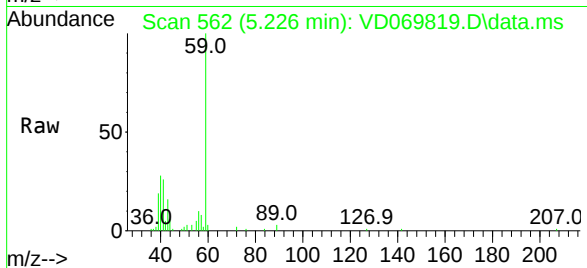
Tgt Ion:142 Resp: 326880  
Ion Ratio Lower Upper  
142 100  
127 45.5 35.7 53.5  
141 14.8 12.0 18.0



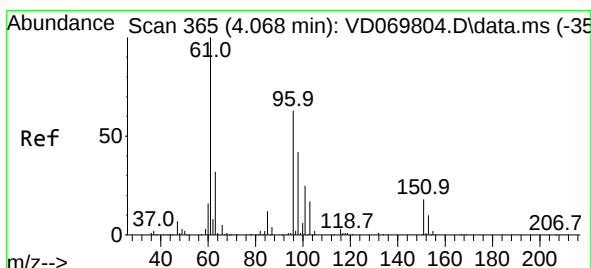
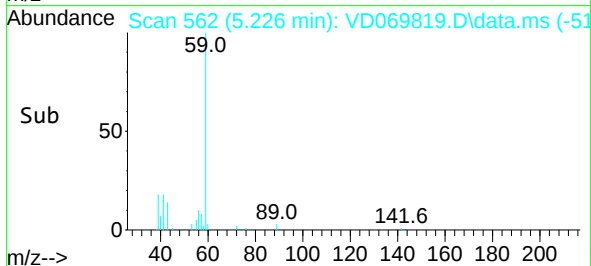
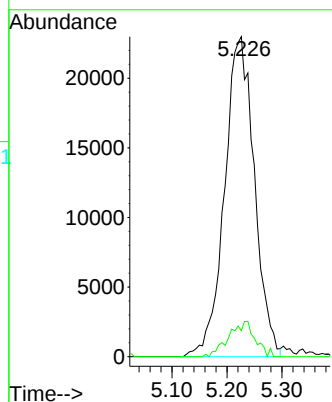


#11  
Tert butyl alcohol  
Concen: 240.243 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

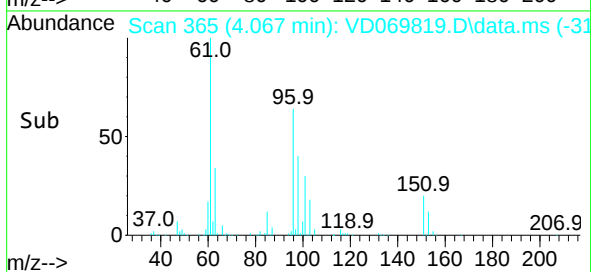
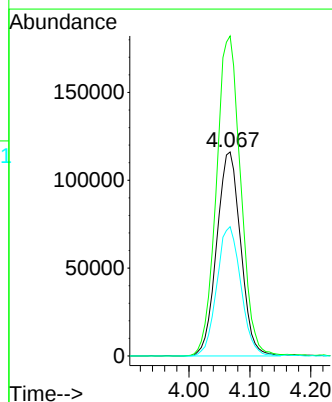
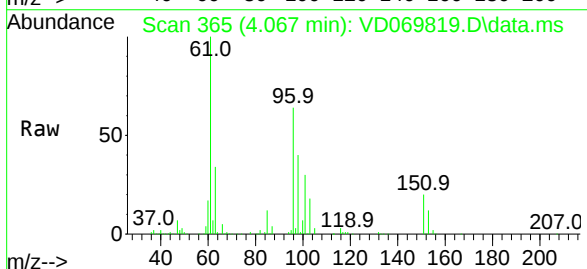


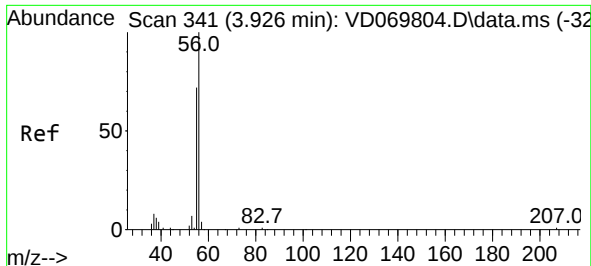
Tgt Ion: 59 Resp: 86683  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 45.750 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 96 Resp: 317366  
Ion Ratio Lower Upper  
96 100  
61 156.9 126.9 190.3  
98 63.4 53.2 79.8

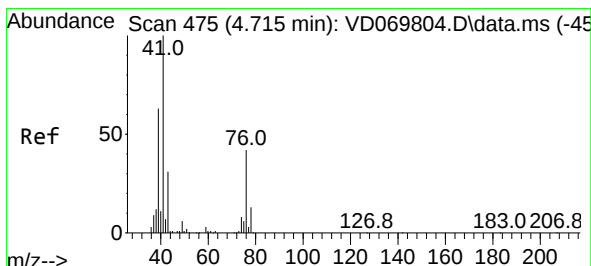
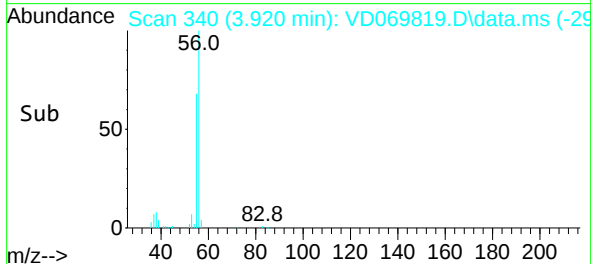
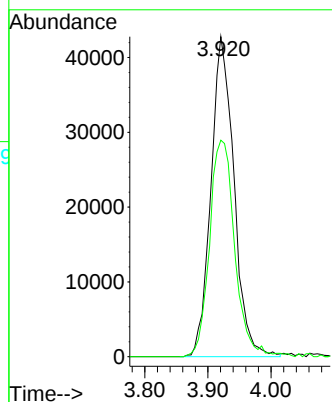
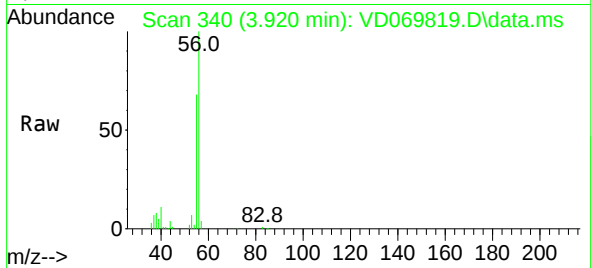




#13  
Acrolein  
Concen: 214.573 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

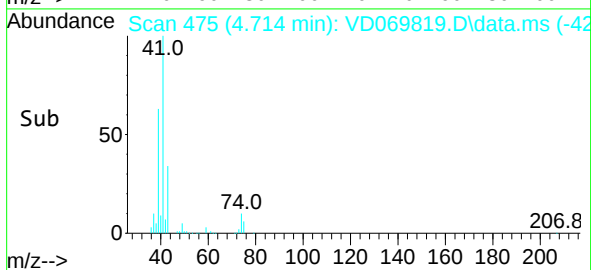
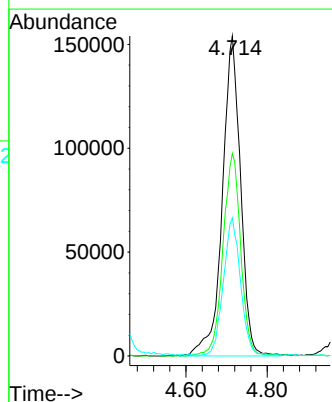
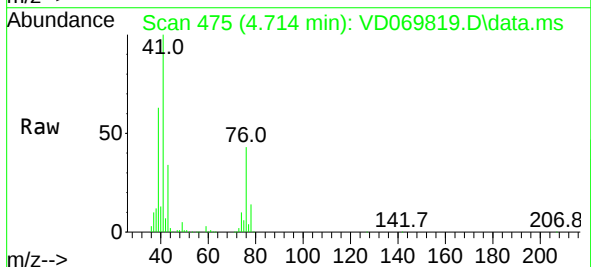
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

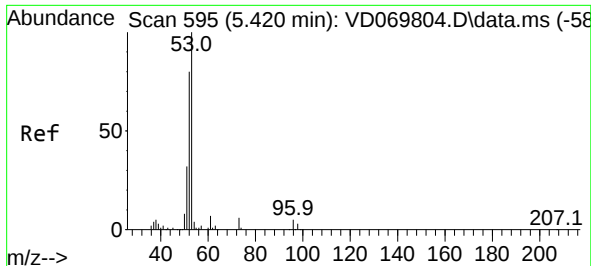
Tgt Ion: 56 Resp: 108377  
Ion Ratio Lower Upper  
56 100  
55 74.1 57.2 85.8



#14  
Allyl chloride  
Concen: 47.287 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 41 Resp: 480933  
Ion Ratio Lower Upper  
41 100  
39 61.5 49.8 74.6  
76 40.1 31.8 47.8

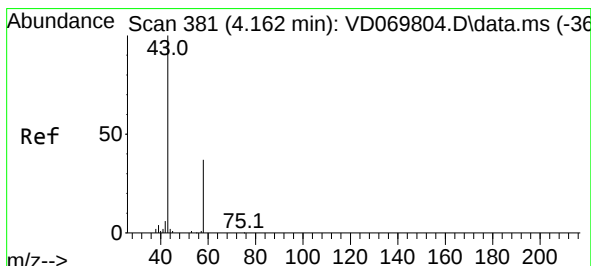
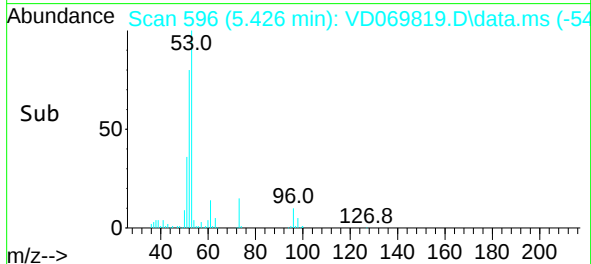
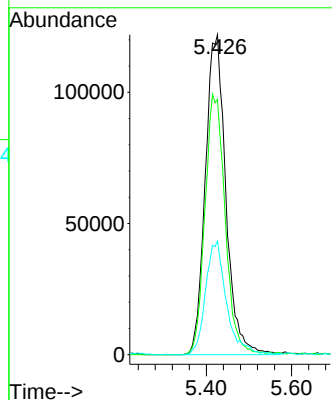
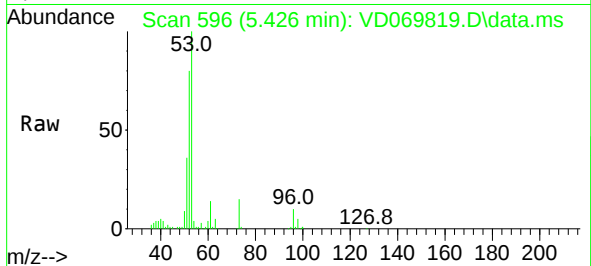




#15  
Acrylonitrile  
Concen: 257.154 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. 0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

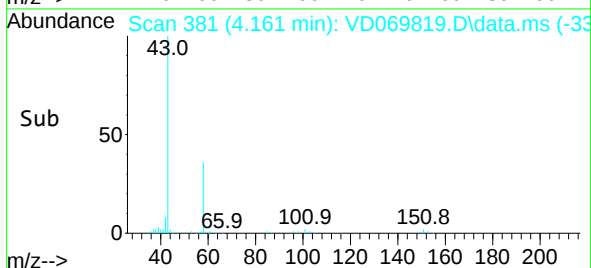
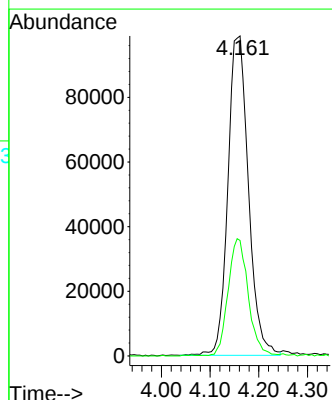
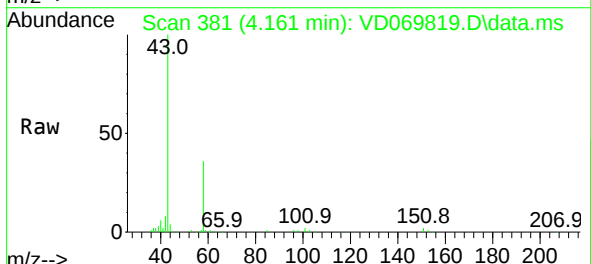
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

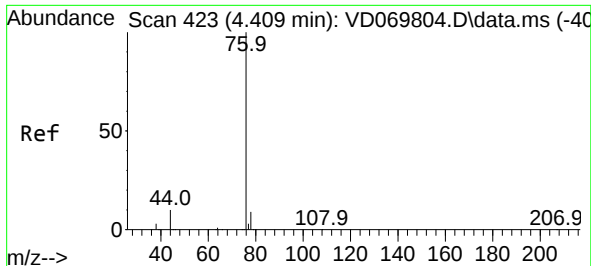
Tgt Ion: 53 Resp: 408992  
Ion Ratio Lower Upper  
53 100  
52 79.8 65.3 97.9  
51 35.7 28.3 42.5



#16  
Acetone  
Concen: 229.807 ug/l  
RT: 4.161 min Scan# 381  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

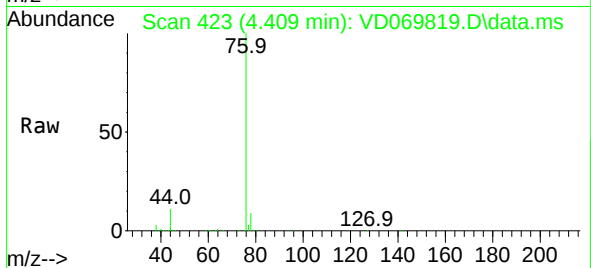
Tgt Ion: 43 Resp: 289475  
Ion Ratio Lower Upper  
43 100  
58 36.2 29.4 44.0



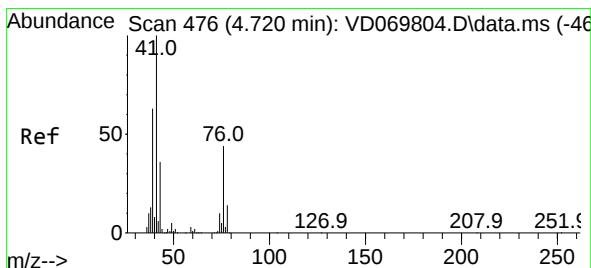
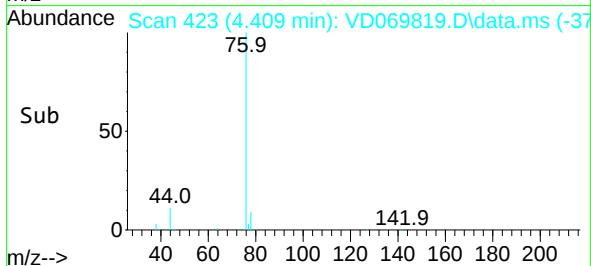
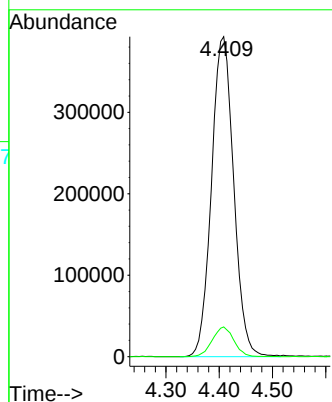


#17  
Carbon Disulfide  
Concen: 45.817 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

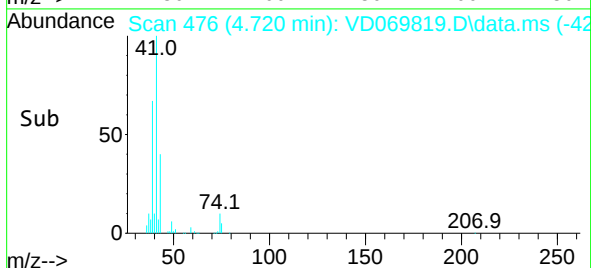
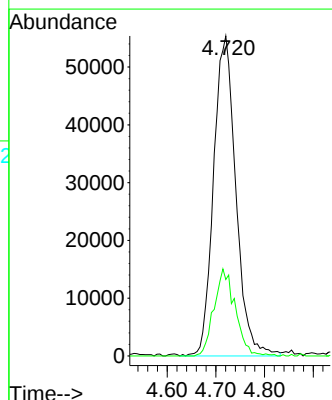
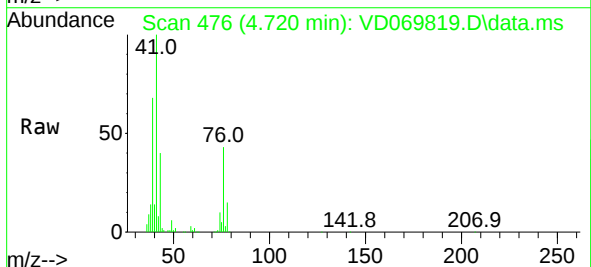


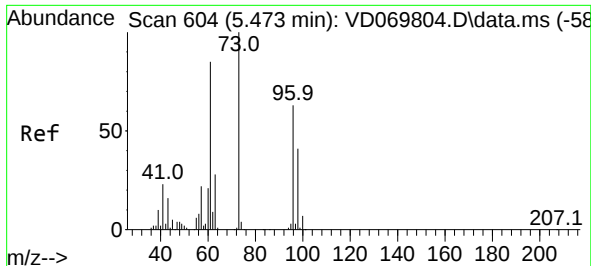
Tgt Ion: 76 Resp: 1136409  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.3 10.9



#18  
Methyl Acetate  
Concen: 48.226 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

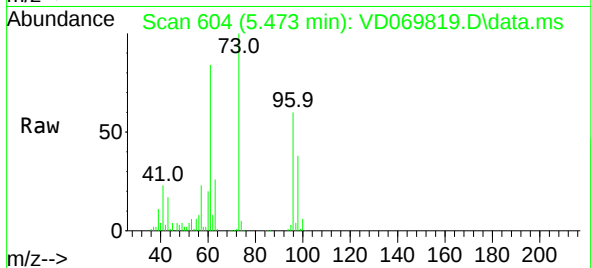
Tgt Ion: 43 Resp: 176260  
Ion Ratio Lower Upper  
43 100  
74 26.0 21.4 32.2



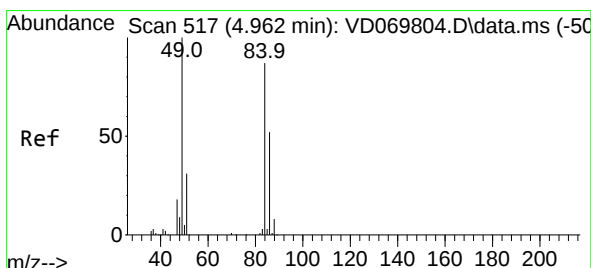
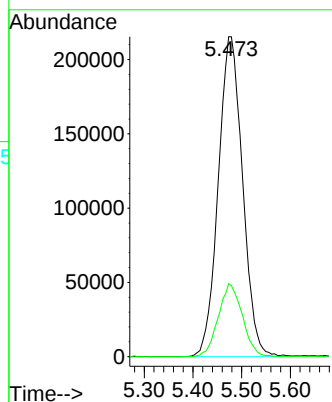
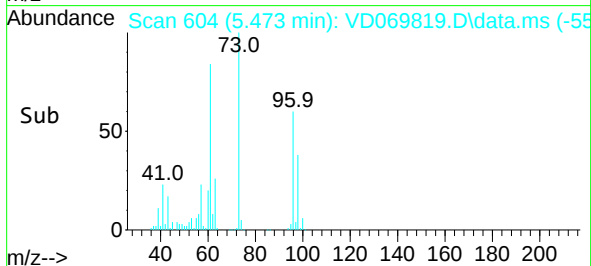


#19  
Methyl tert-butyl Ether  
Concen: 51.987 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

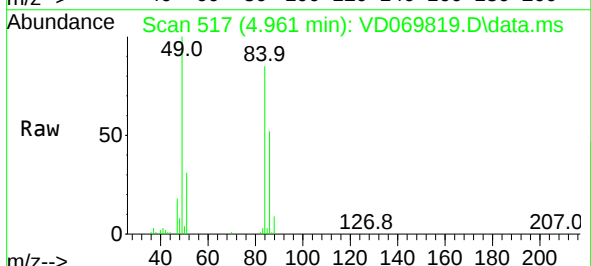
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



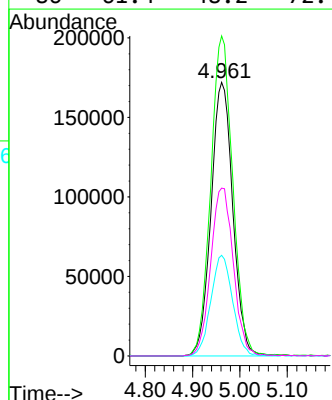
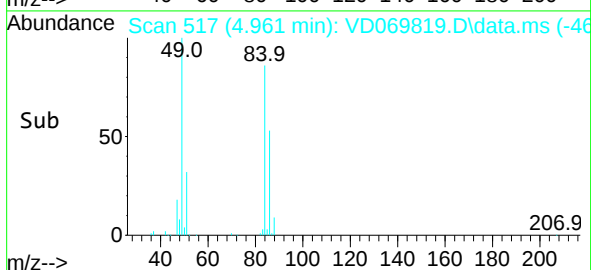
Tgt Ion: 73 Resp: 747202  
Ion Ratio Lower Upper  
73 100  
57 22.8 17.8 26.8

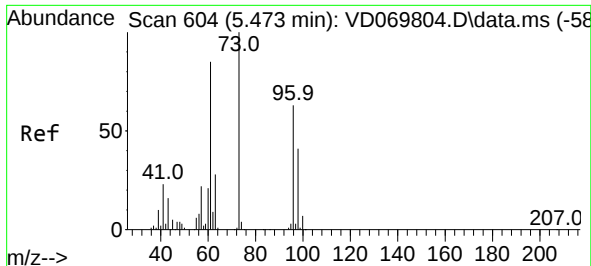


#20  
Methylene Chloride  
Concen: 61.772 ug/l  
RT: 4.961 min Scan# 517  
Delta R.T. -0.001 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33



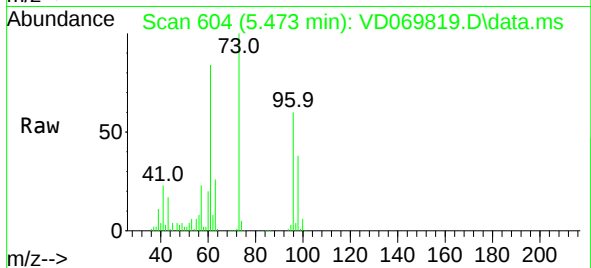
Tgt Ion: 84 Resp: 550001  
Ion Ratio Lower Upper  
84 100  
49 117.0 92.4 138.6  
51 36.8 28.5 42.7  
86 61.4 48.2 72.4





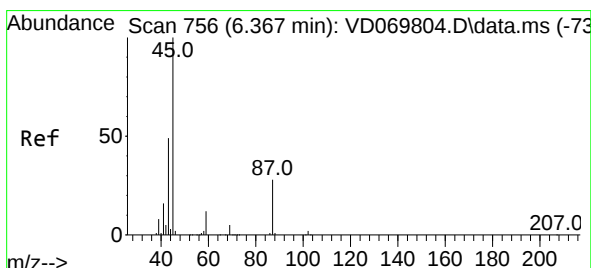
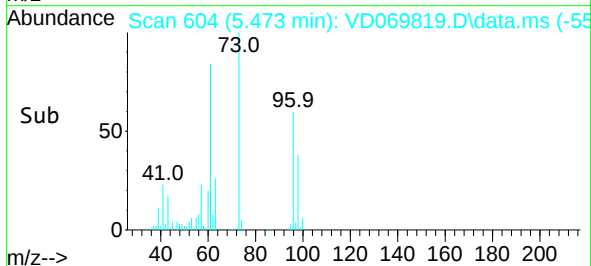
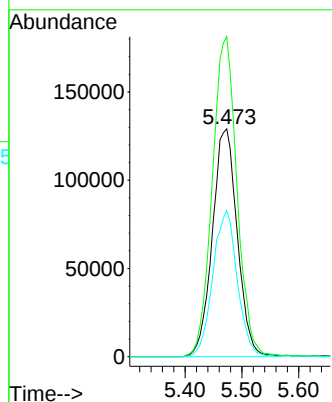
#21  
trans-1,2-Dichloroethene  
Concen: 48.017 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

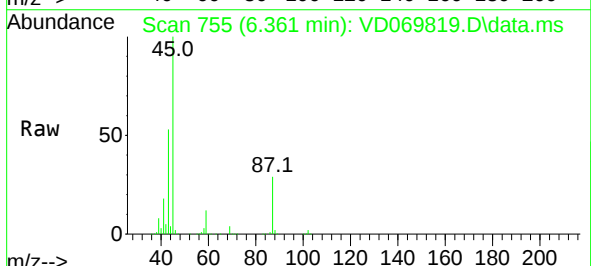


Tgt Ion: 96 Resp: 392494

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 140.5 | 107.0 | 160.6 |
| 98  | 64.1  | 52.3  | 78.5  |

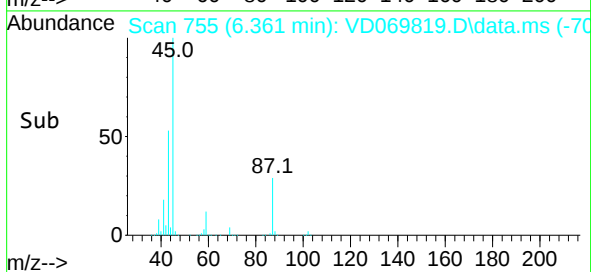
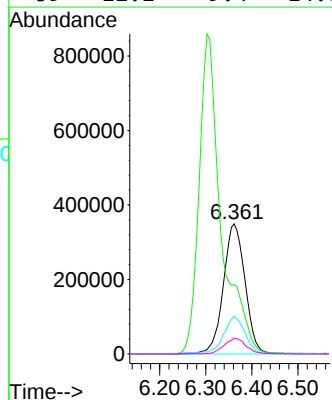


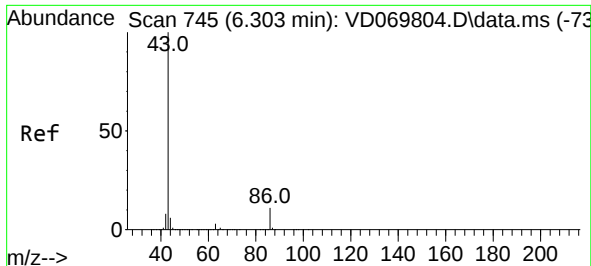
#22  
Diisopropyl ether  
Concen: 51.537 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33



Tgt Ion: 45 Resp: 1139002

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 52.4  | 39.2  | 58.8  |
| 87  | 29.0  | 22.3  | 33.5  |
| 59  | 12.1  | 9.4   | 14.0  |

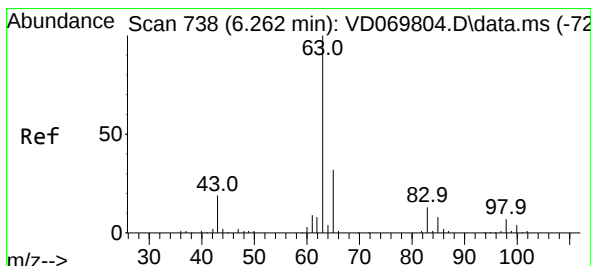
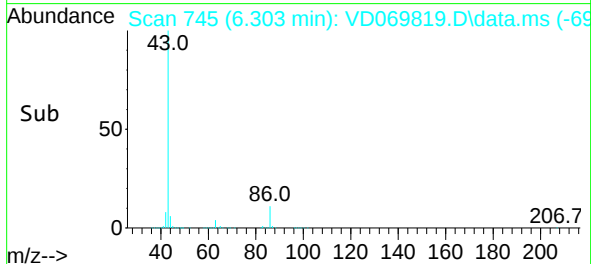
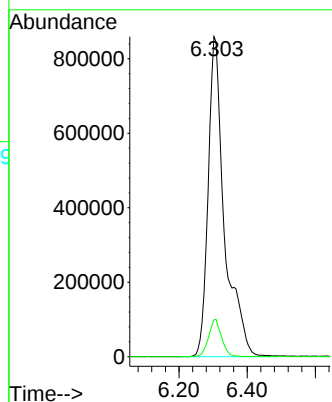
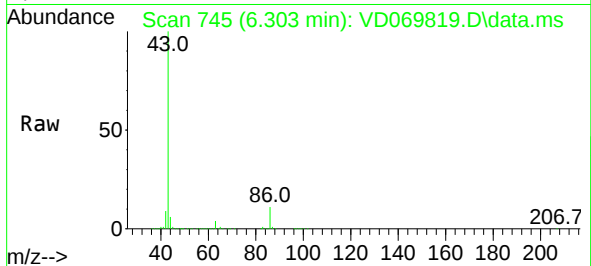




#23  
 Vinyl Acetate  
 Concen: 236.755 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD069819.D  
 Acq: 22 Jul 2021 20:33

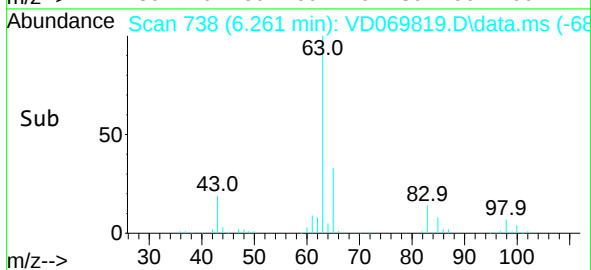
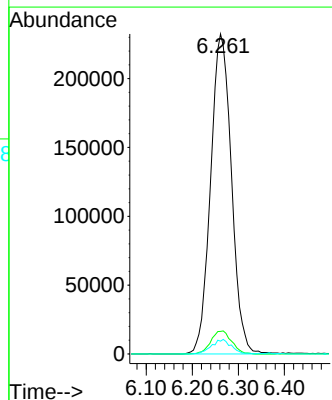
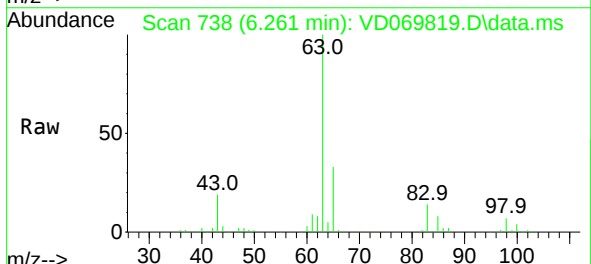
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

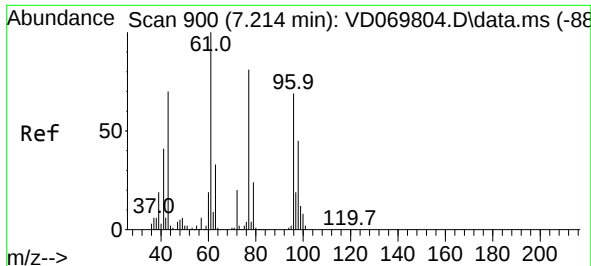
Tgt Ion: 43 Resp: 2864050  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 8.6 13.0



#24  
 1,1-Dichloroethane  
 Concen: 47.851 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.000 min  
 Lab File: VD069819.D  
 Acq: 22 Jul 2021 20:33

Tgt Ion: 63 Resp: 730434  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.6 10.8  
 100 4.0 2.2 6.6

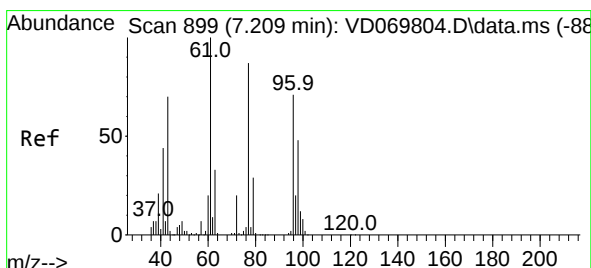
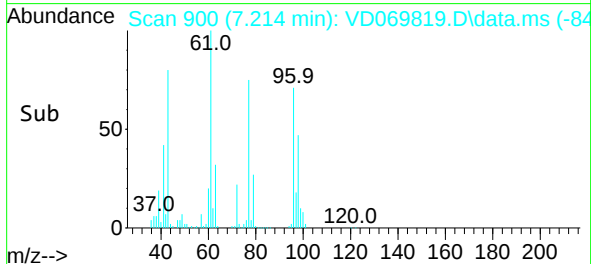
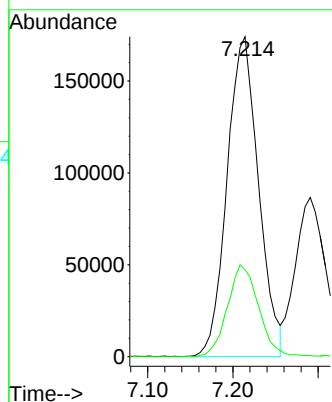
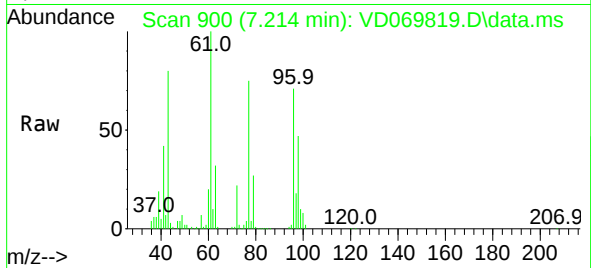




#25  
2-Butanone  
Concen: 262.074 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

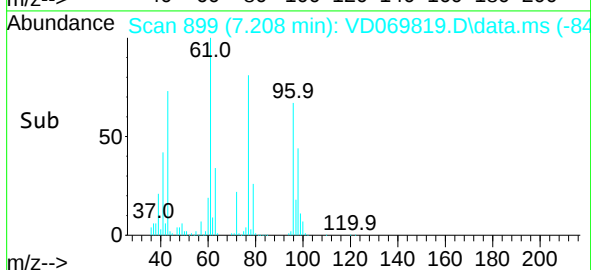
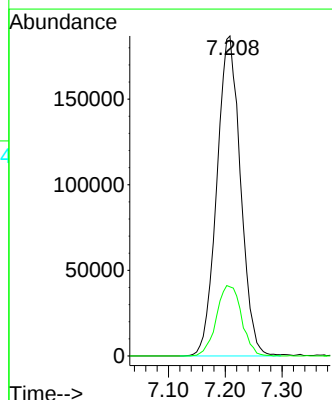
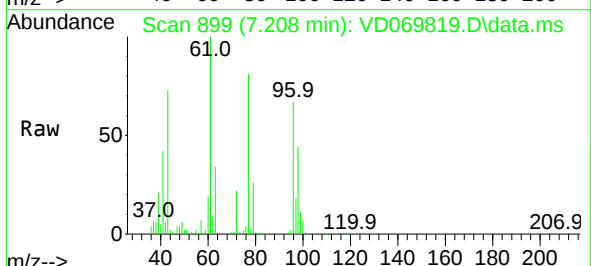
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

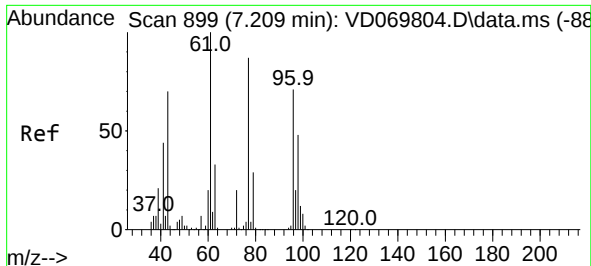
Tgt Ion: 43 Resp: 447684  
Ion Ratio Lower Upper  
43 100  
72 27.2 22.8 34.2



#26  
2,2-Dichloropropane  
Concen: 46.633 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 77 Resp: 541278  
Ion Ratio Lower Upper  
77 100  
97 23.3 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 48.856 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD069819.D

Acq: 22 Jul 2021 20:33

Tgt Ion: 96 Resp: 426135

Ion Ratio Lower Upper

96 100

61 143.9 0.0 291.6

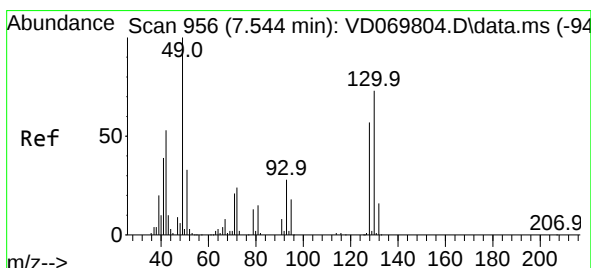
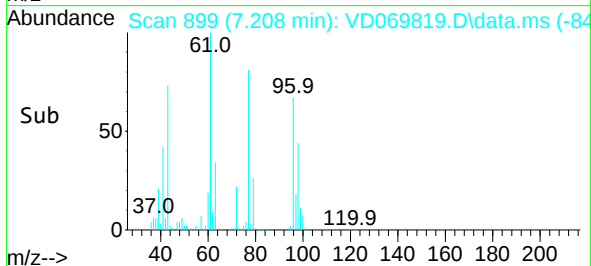
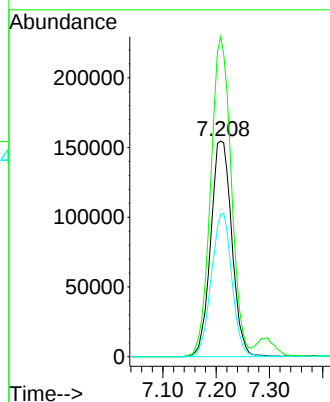
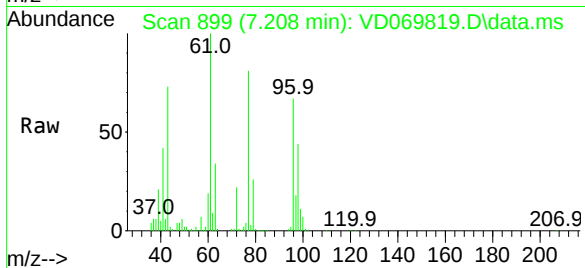
98 64.8 0.0 132.0

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC



#28

Bromochloromethane

Concen: 48.977 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD069819.D

Acq: 22 Jul 2021 20:33

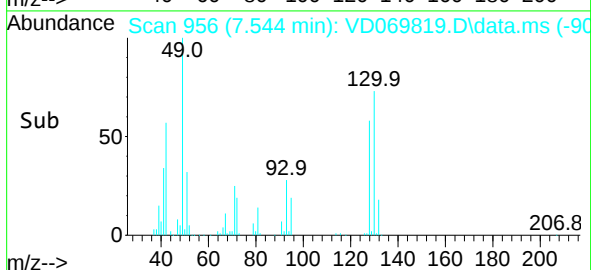
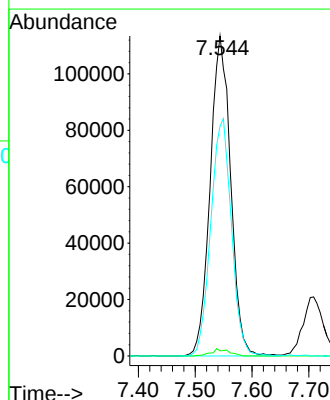
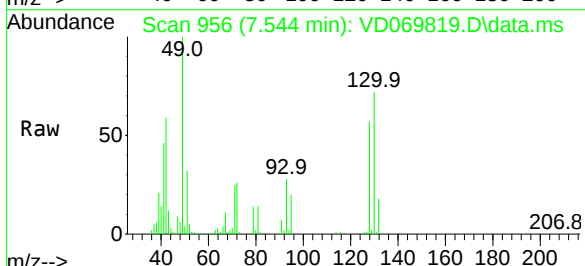
Tgt Ion: 49 Resp: 283852

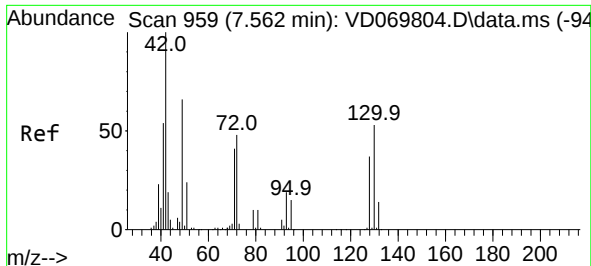
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 74.8 59.6 89.4





#29

Tetrahydrofuran

Concen: 272.714 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD069819.D

Acq: 22 Jul 2021 20:33

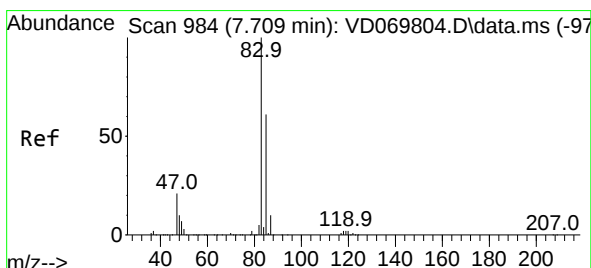
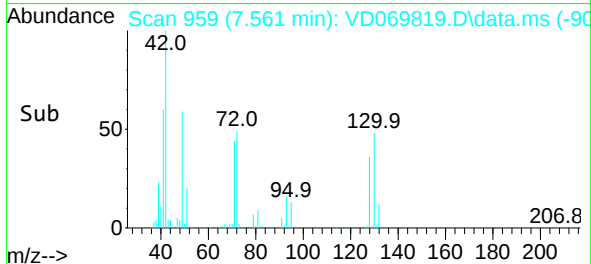
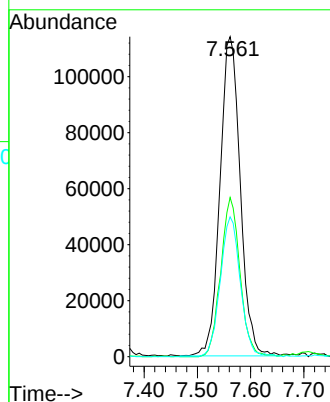
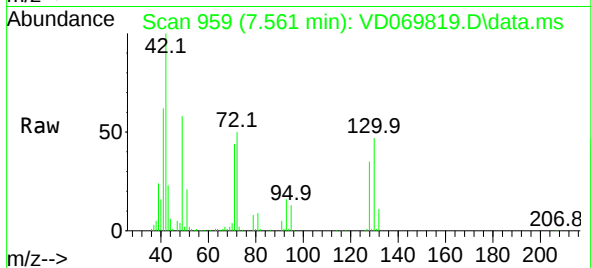
Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 301396 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 47.5  | 36.5  | 54.7   |
| 71       | 43.4  | 33.5  | 50.3   |



#30

Chloroform

Concen: 47.702 ug/l

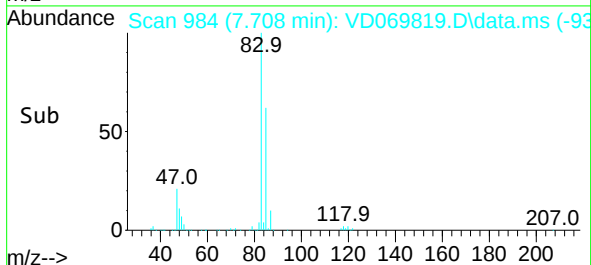
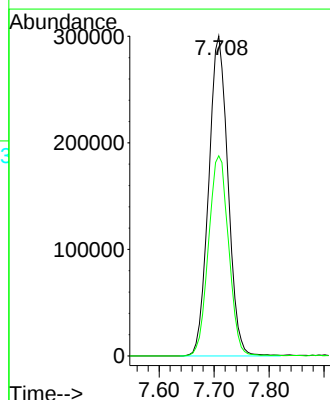
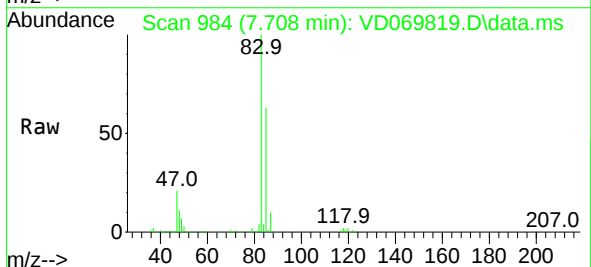
RT: 7.708 min Scan# 984

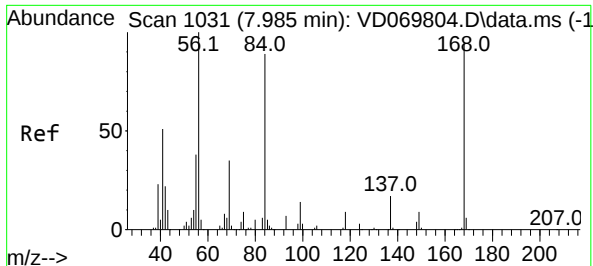
Delta R.T. -0.000 min

Lab File: VD069819.D

Acq: 22 Jul 2021 20:33

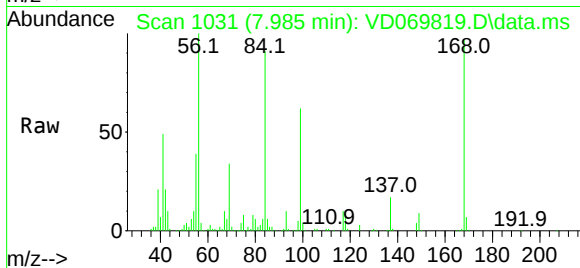
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 732110 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.5  | 49.1  | 73.7   |



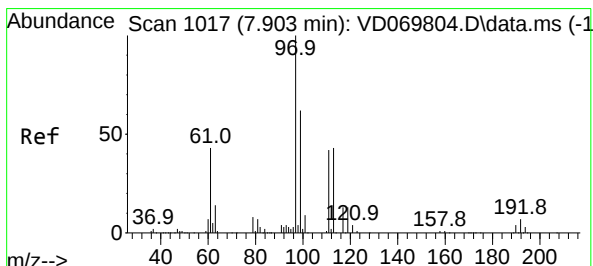
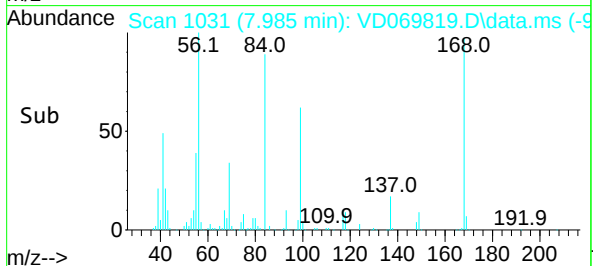
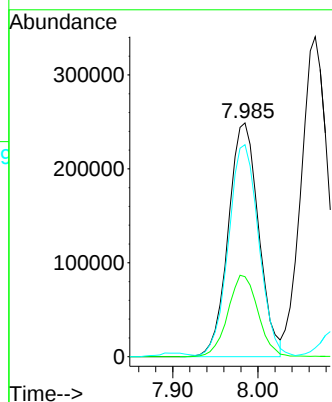


#31  
Cyclohexane  
Concen: 45.195 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

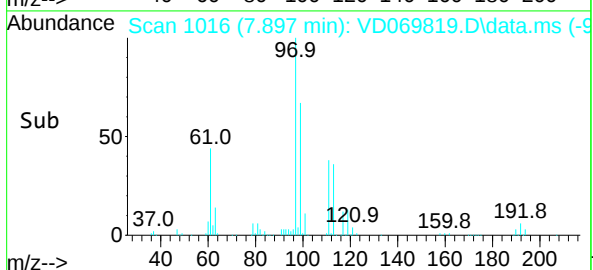
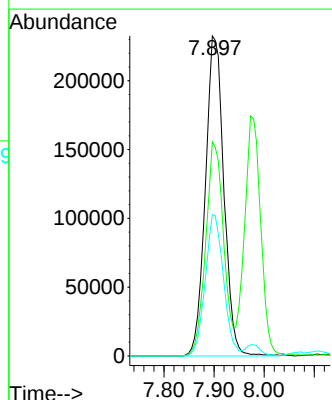
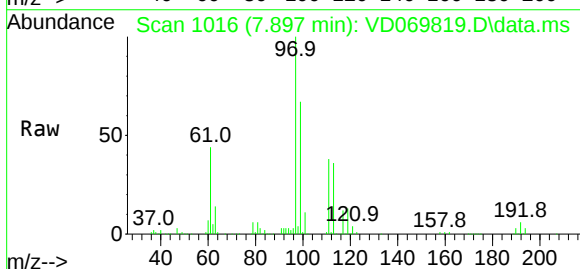


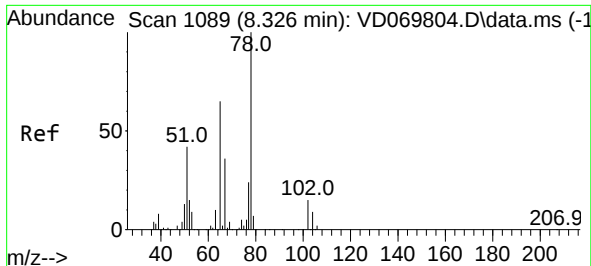
Tgt Ion: 56 Resp: 615764  
Ion Ratio Lower Upper  
56 100  
69 34.3 27.9 41.9  
84 89.2 71.4 107.2



#32  
1,1,1-Trichloroethane  
Concen: 46.836 ug/l  
RT: 7.897 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

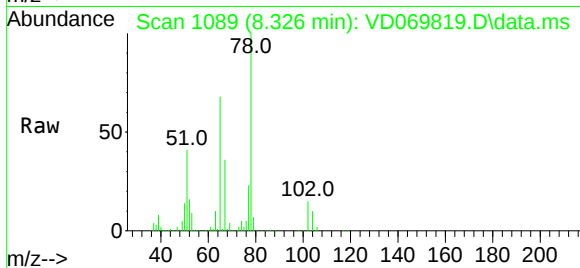
Tgt Ion: 97 Resp: 594986  
Ion Ratio Lower Upper  
97 100  
99 65.8 50.8 76.2  
61 43.8 34.5 51.7



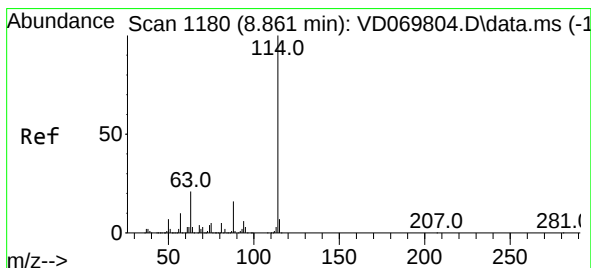
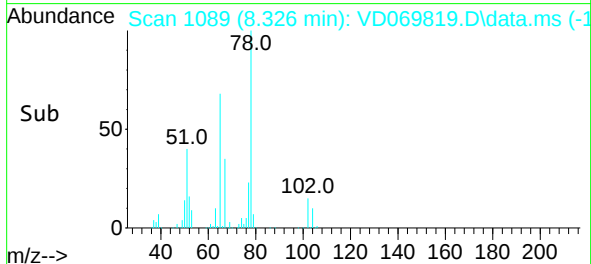
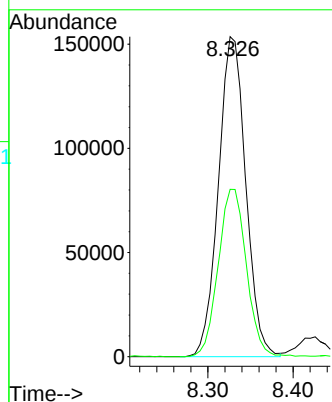


#33  
1,2-Dichloroethane-d4  
Concen: 49.182 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

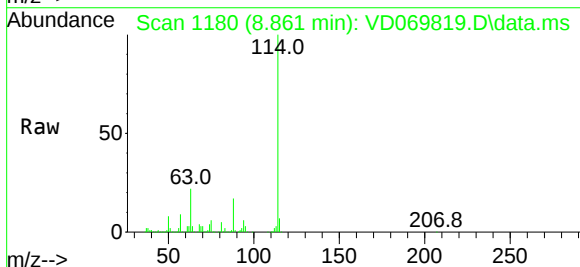
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



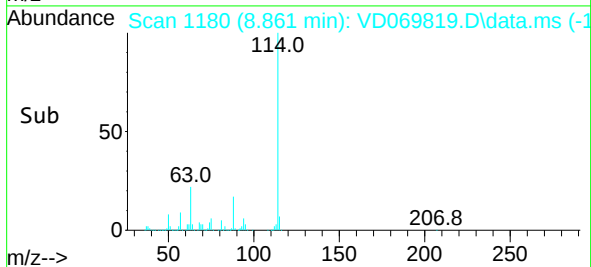
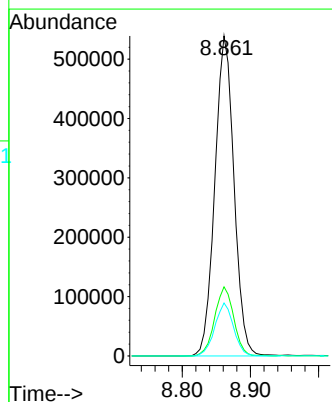
Tgt Ion: 65 Resp: 342947  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 111.2

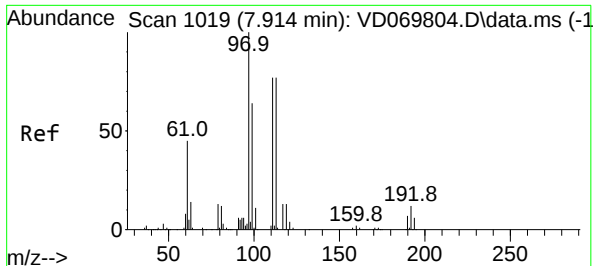


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33



Tgt Ion: 114 Resp: 1054533  
Ion Ratio Lower Upper  
114 100  
63 21.6 0.0 41.6  
88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.776 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD069819.D

Acq: 22 Jul 2021 20:33

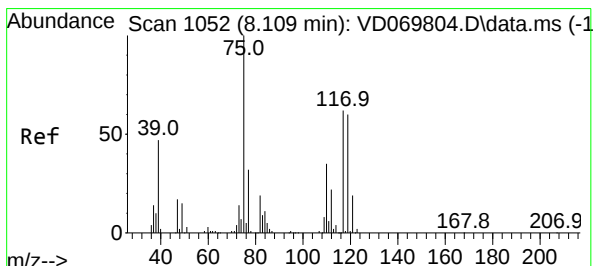
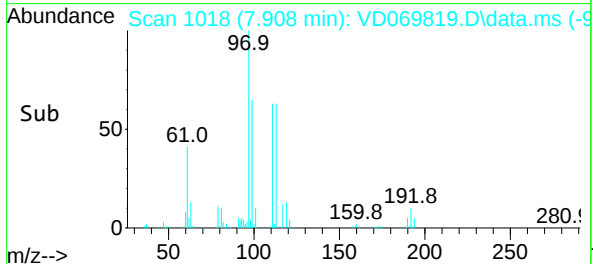
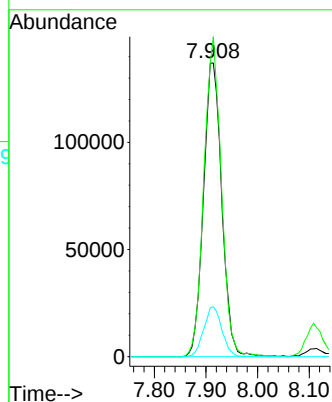
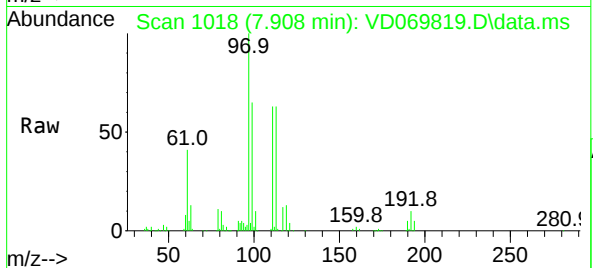
Tgt Ion:113 Resp: 337547

Ion Ratio Lower Upper

113 100

111 103.9 80.5 120.7

192 16.9 12.6 19.0



#36

1,1-Dichloropropene

Concen: 49.310 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD069819.D

Acq: 22 Jul 2021 20:33

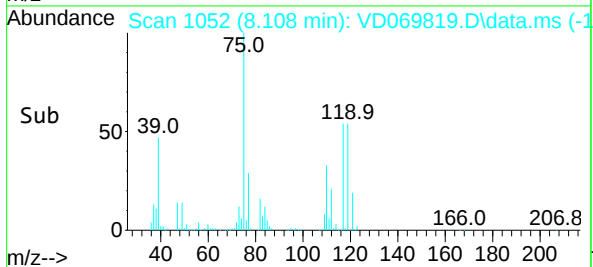
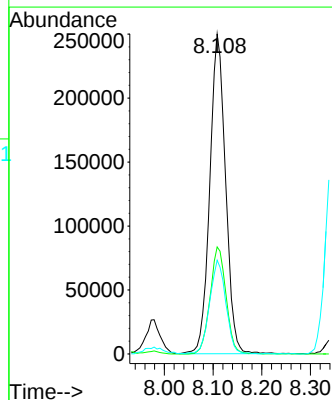
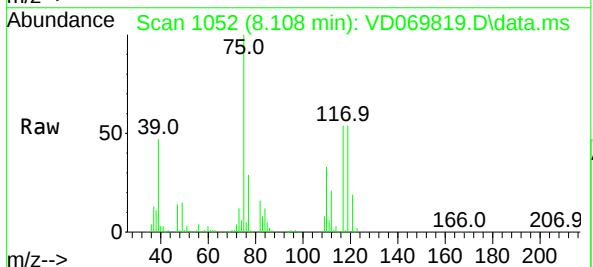
Tgt Ion: 75 Resp: 561152

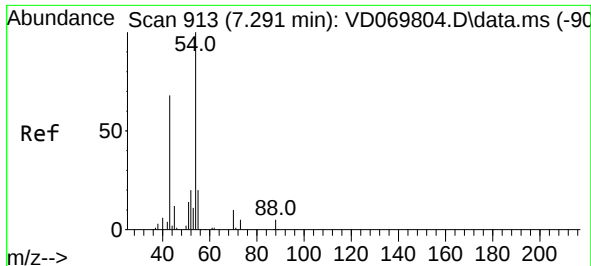
Ion Ratio Lower Upper

75 100

110 33.7 16.9 50.7

77 30.2 24.9 37.3

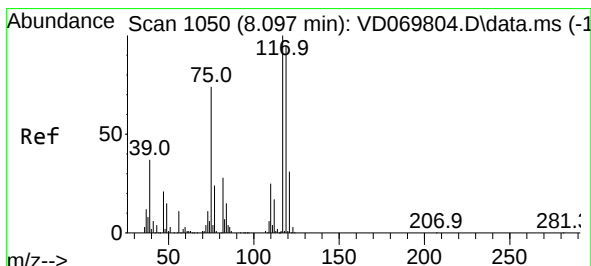
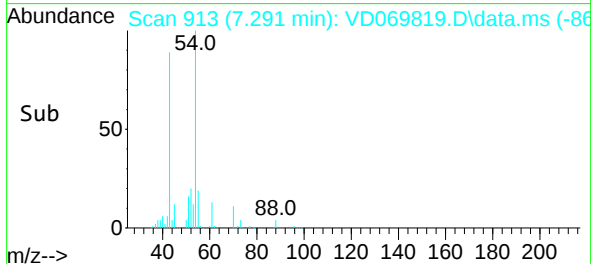
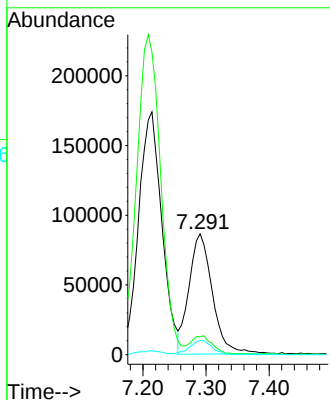
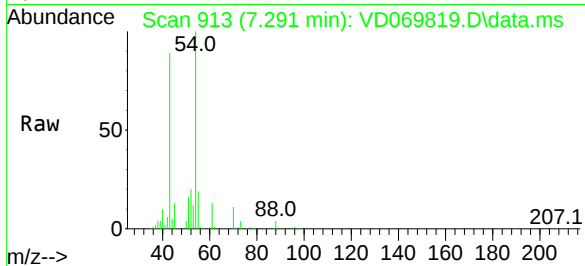




#37  
Ethyl Acetate  
Concen: 53.692 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

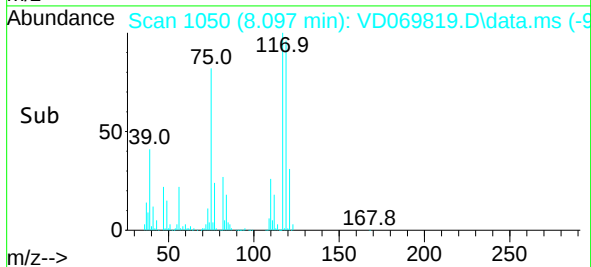
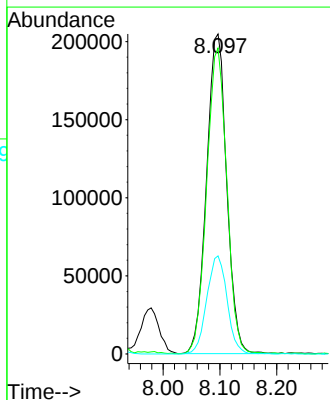
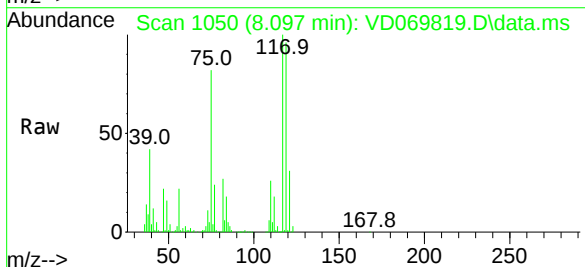
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

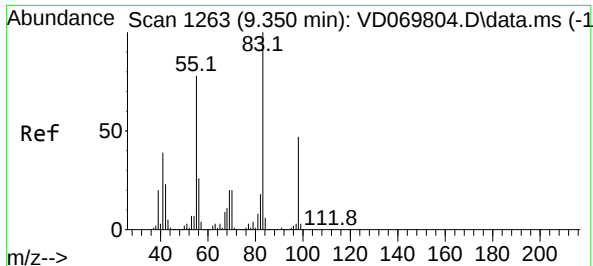
Tgt Ion: 43 Resp: 222441  
Ion Ratio Lower Upper  
43 100  
61 13.4 11.8 17.8  
70 11.4 8.9 13.3



#38  
Carbon Tetrachloride  
Concen: 48.462 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 117 Resp: 503763  
Ion Ratio Lower Upper  
117 100  
119 95.6 76.2 114.2  
121 30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 49.756 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VD069819.D

Acq: 22 Jul 2021 20:33

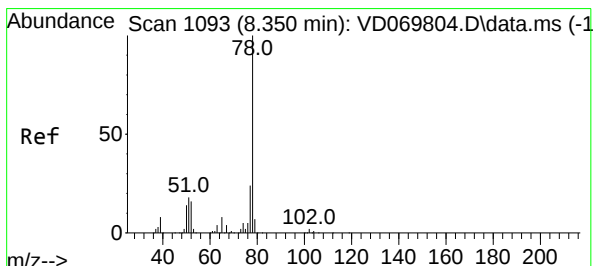
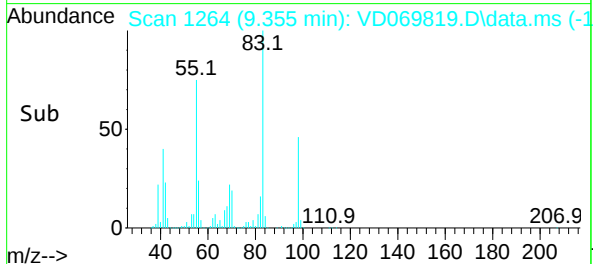
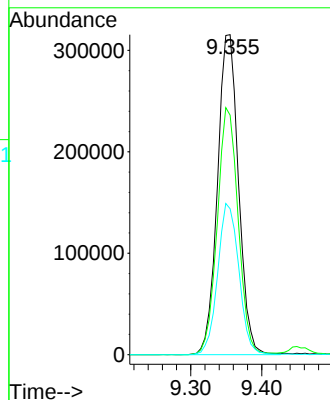
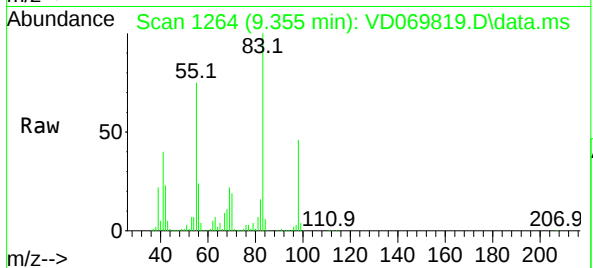
Tgt Ion: 83 Resp: 648489

Ion Ratio Lower Upper

83 100

55 74.9 62.2 93.2

98 45.6 37.8 56.8



#40

Benzene

Concen: 49.341 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD069819.D

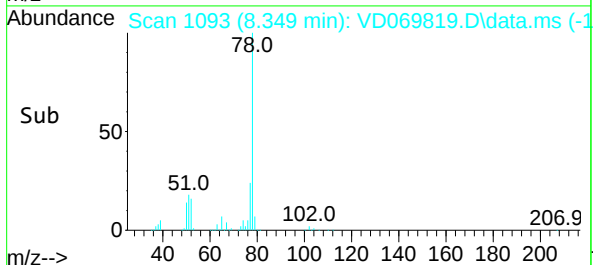
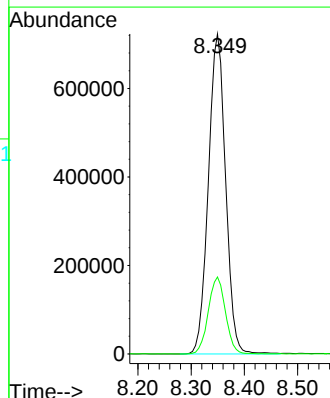
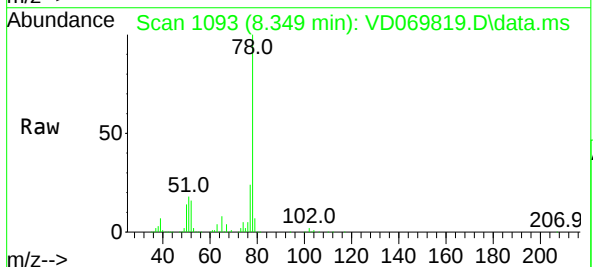
Acq: 22 Jul 2021 20:33

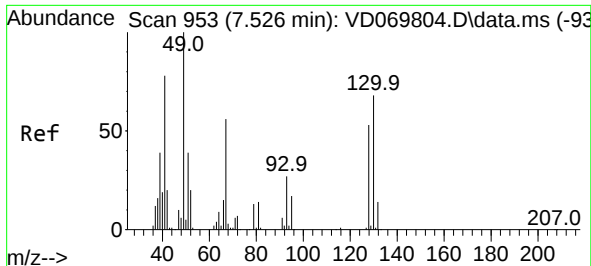
Tgt Ion: 78 Resp: 1626730

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

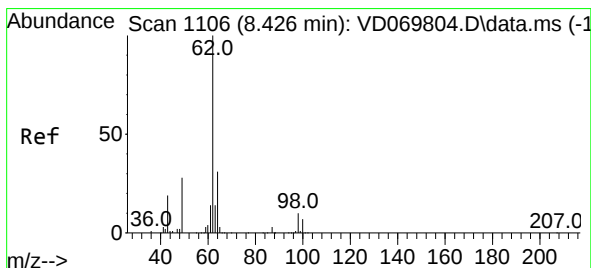
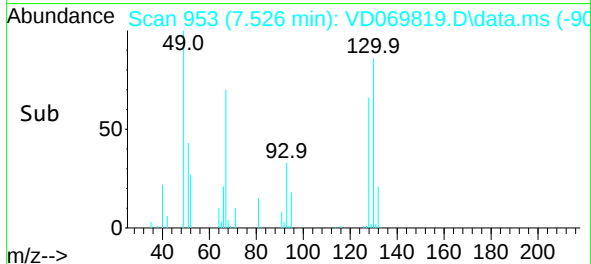
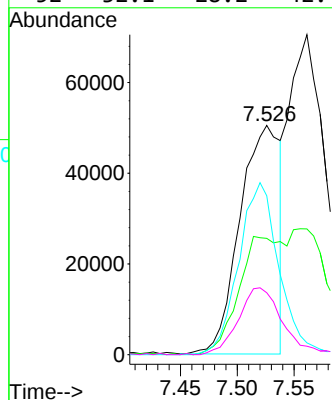
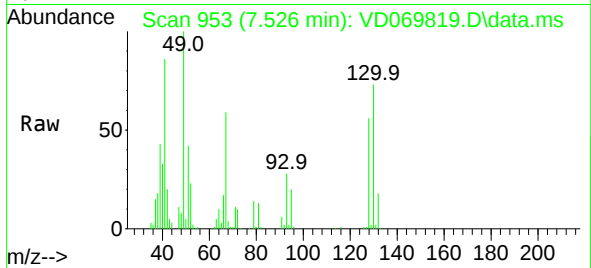




#41  
Methacrylonitrile  
Concen: 57.117 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

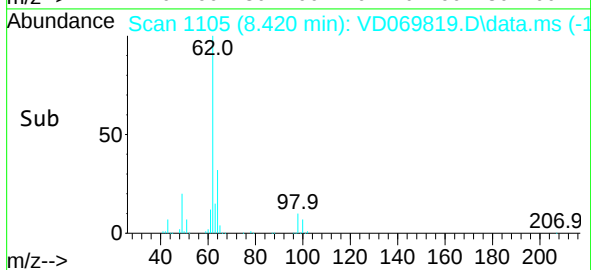
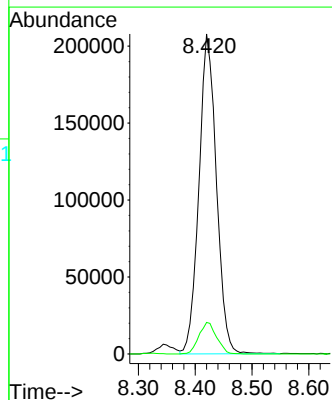
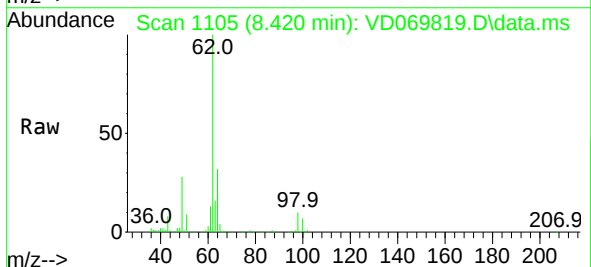
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

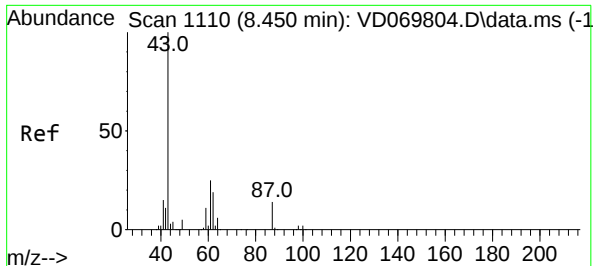
Tgt Ion: 41 Resp: 124181  
Ion Ratio Lower Upper  
41 100  
39 45.7 46.7 70.1#  
67 75.5 69.3 103.9  
52 32.1 28.2 42.4



#42  
1,2-Dichloroethane  
Concen: 50.940 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 62 Resp: 444158  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 20.4



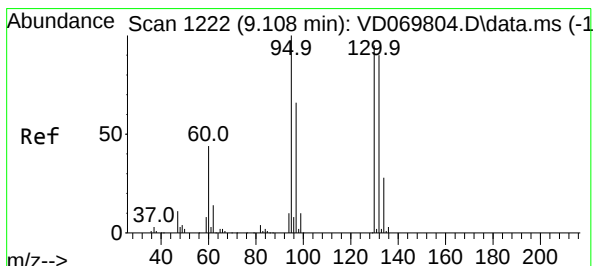
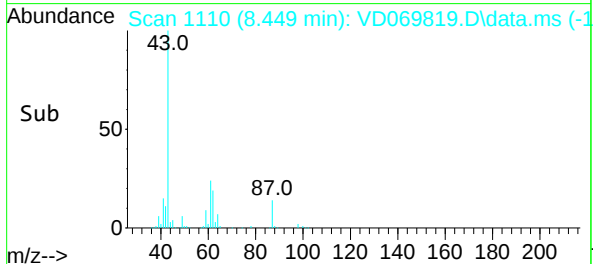
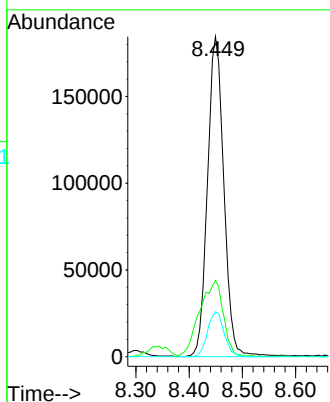
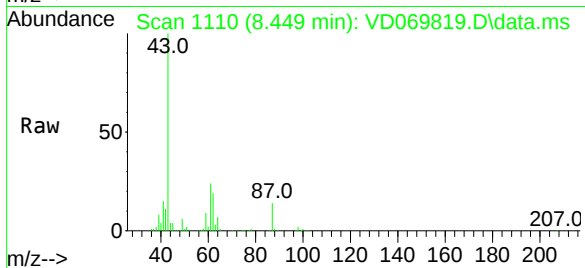


#43

Isopropyl Acetate  
Concen: 52.951 ug/l  
RT: 8.449 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

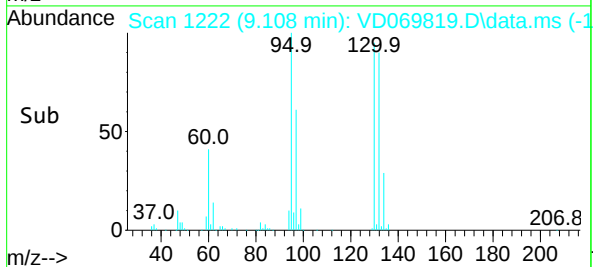
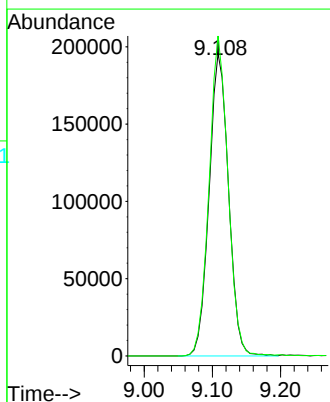
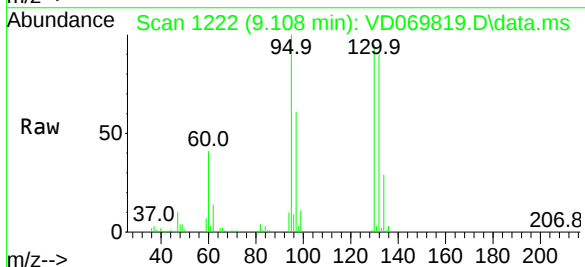
Tgt Ion: 43 Resp: 393443  
Ion Ratio Lower Upper  
43 100  
61 33.8 27.8 41.6  
87 14.2 11.3 16.9

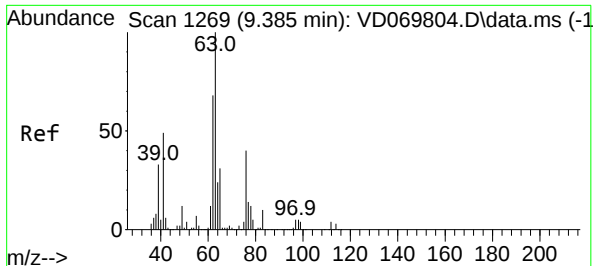


#44

Trichloroethene  
Concen: 47.766 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion:130 Resp: 387821  
Ion Ratio Lower Upper  
130 100  
95 105.8 0.0 210.8



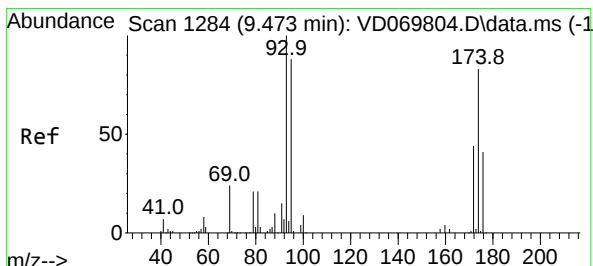
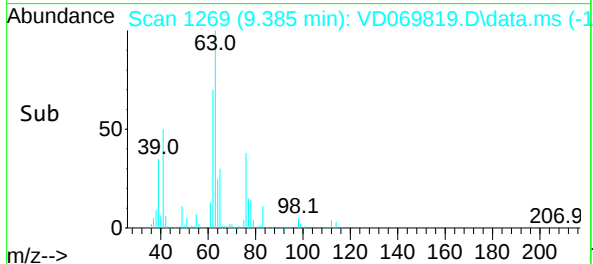
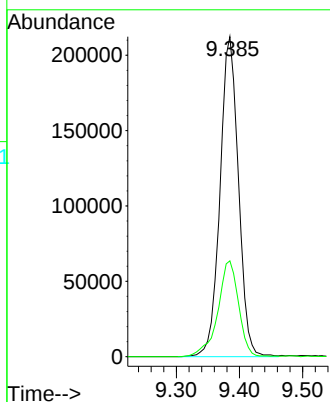
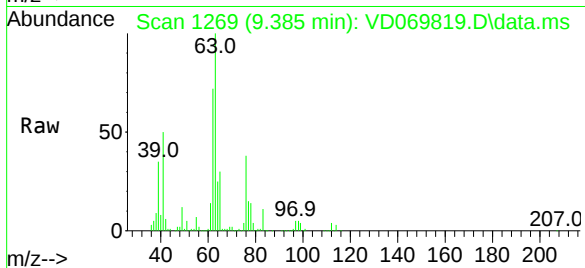


#45

1,2-Dichloropropane  
Concen: 49.743 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

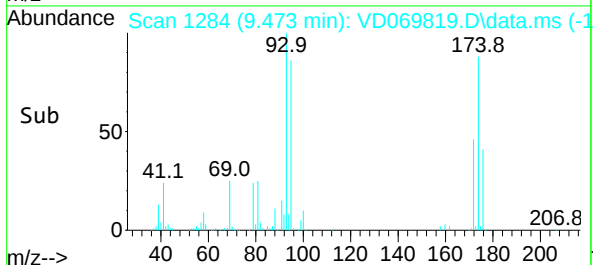
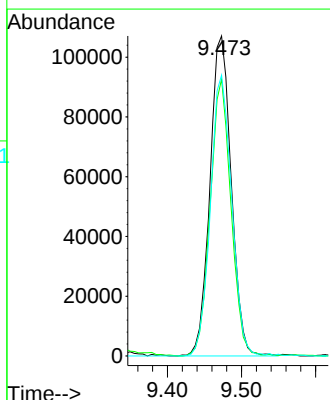
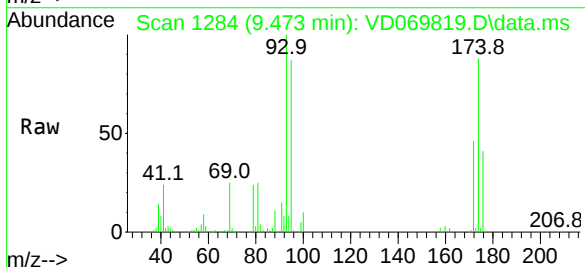
Tgt Ion: 63 Resp: 430779  
Ion Ratio Lower Upper  
63 100  
65 29.9 24.9 37.3

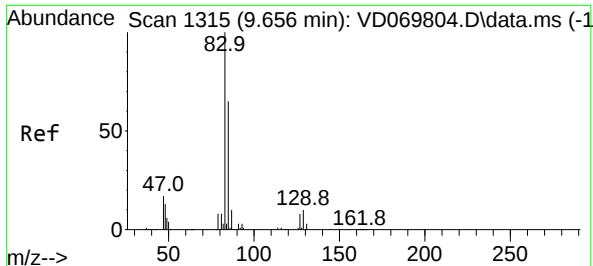


#46

Dibromomethane  
Concen: 50.334 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 93 Resp: 214264  
Ion Ratio Lower Upper  
93 100  
95 84.2 67.5 101.3  
174 87.7 66.3 99.5





#47

Bromodichloromethane

Concen: 50.054 ug/l

RT: 9.661 min Scan# 1316

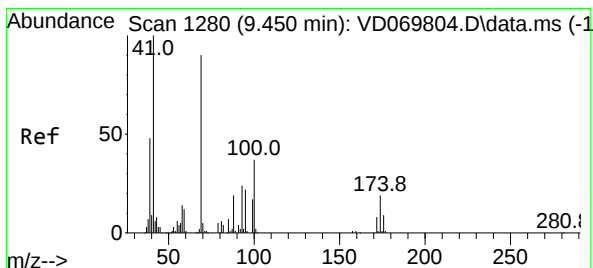
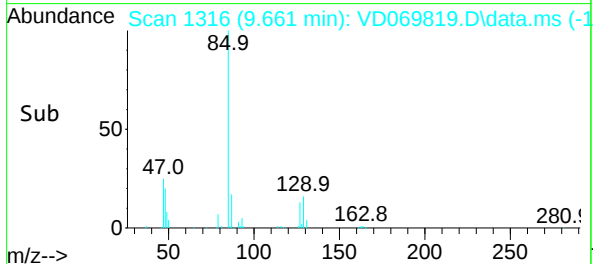
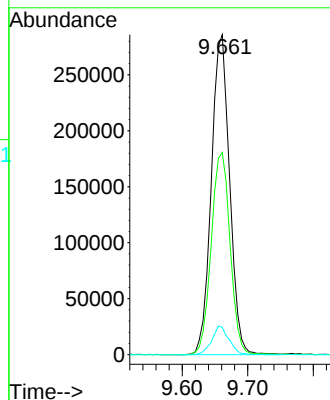
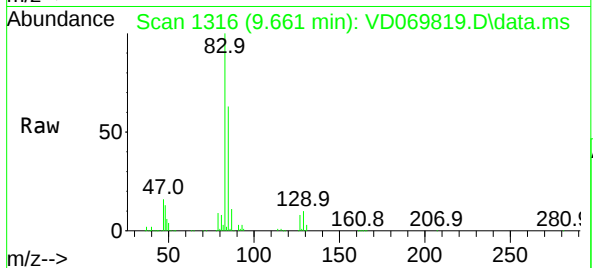
Delta R.T. 0.006 min

Lab File: VD069819.D

Acq: 22 Jul 2021 20:33

Tgt Ion: 83 Resp: 553581

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.2  | 52.0  | 78.0  |
| 127 | 8.5   | 6.6   | 10.0  |



#48

Methyl methacrylate

Concen: 49.447 ug/l

RT: 9.449 min Scan# 1280

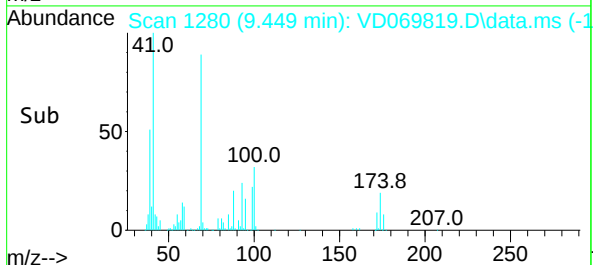
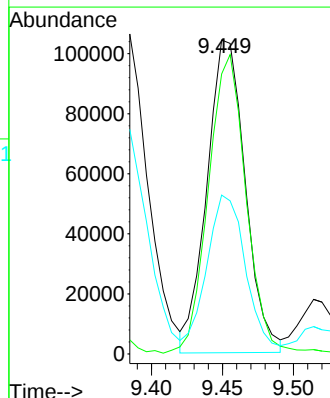
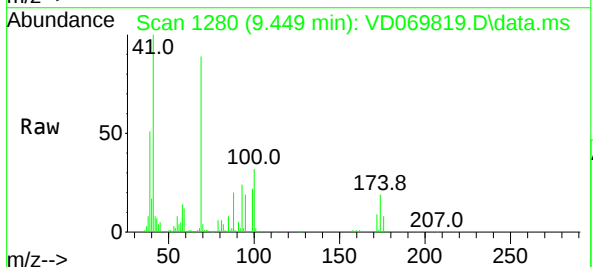
Delta R.T. -0.001 min

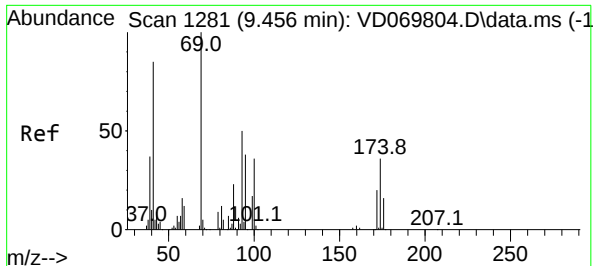
Lab File: VD069819.D

Acq: 22 Jul 2021 20:33

Tgt Ion: 41 Resp: 195494

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 95.3  | 73.4  | 110.2 |
| 39  | 46.5  | 36.6  | 55.0  |

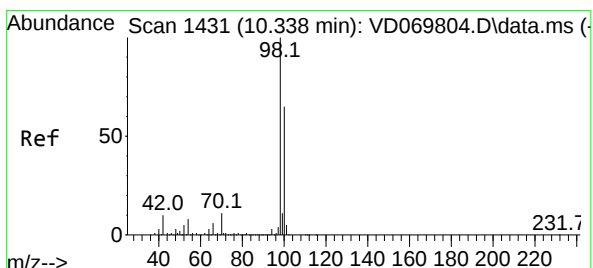
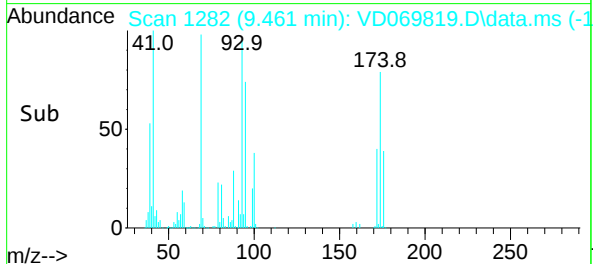
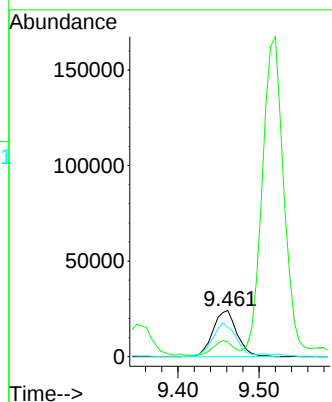
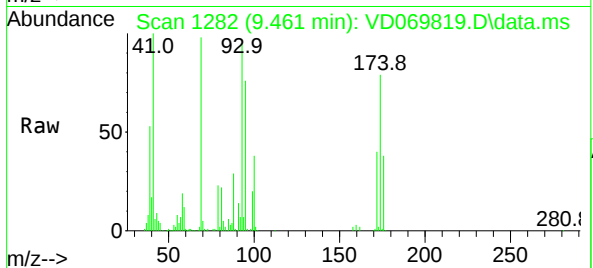




#49  
1,4-Dioxane  
Concen: 1104.153 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

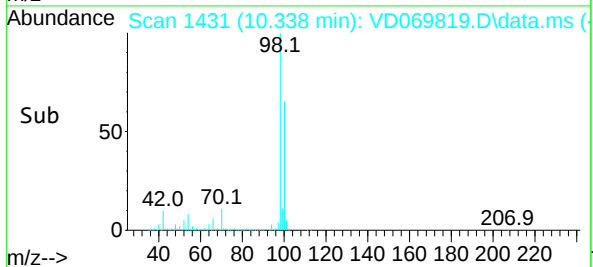
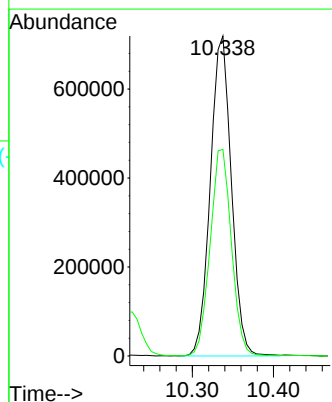
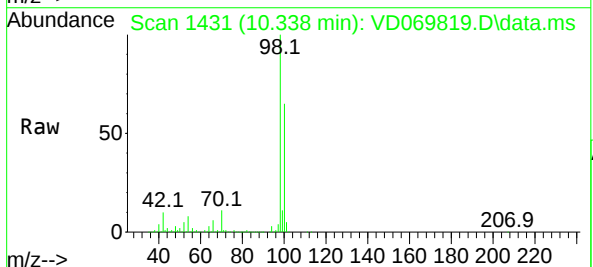
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

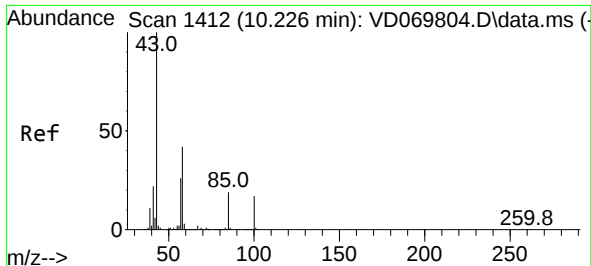
Tgt Ion: 88 Resp: 49658  
Ion Ratio Lower Upper  
88 100  
43 30.9 26.8 40.2  
58 71.8 59.8 89.6



#50  
Toluene-d8  
Concen: 50.526 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 98 Resp: 1295154  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.9 77.9

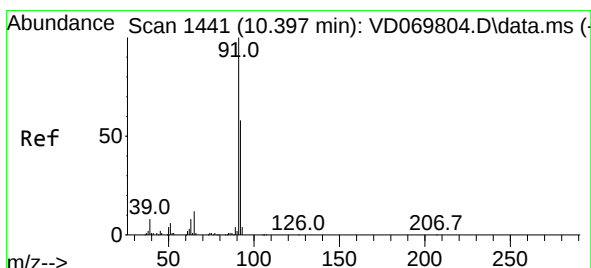
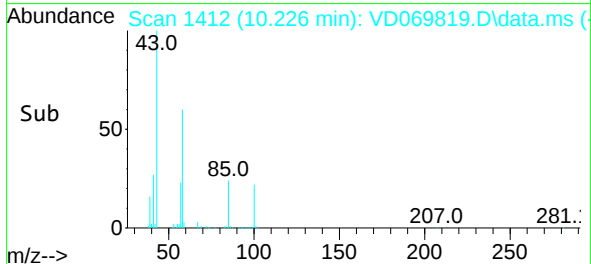
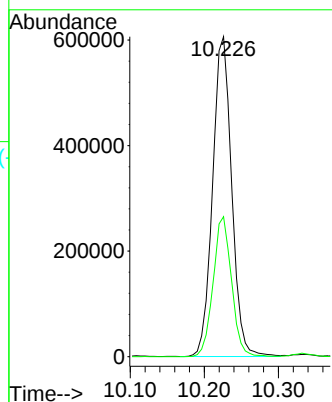
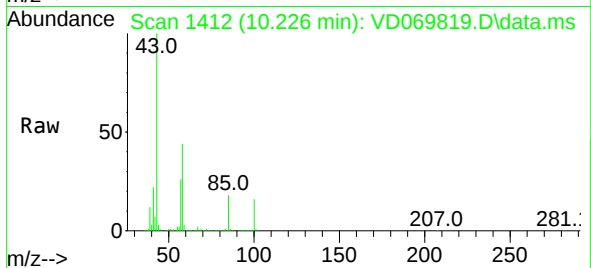




#51  
4-Methyl-2-Pentanone  
Concen: 280.359 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

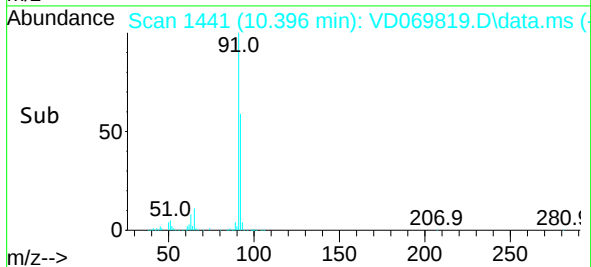
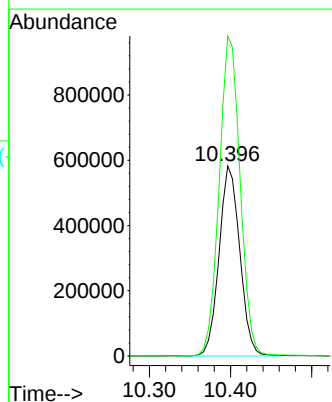
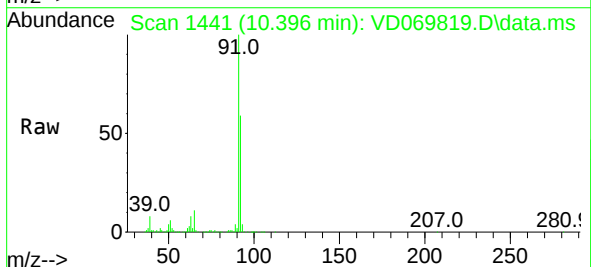
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

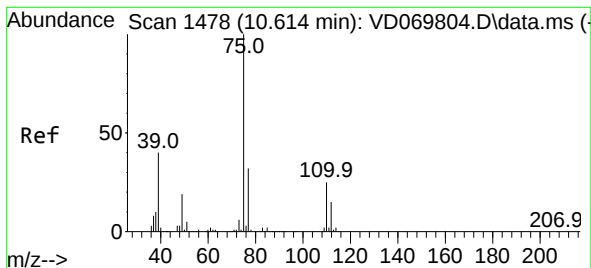
Tgt Ion: 43 Resp: 1084012  
Ion Ratio Lower Upper  
43 100  
58 42.3 33.7 50.5



#52  
Toluene  
Concen: 51.534 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 92 Resp: 1030662  
Ion Ratio Lower Upper  
92 100  
91 171.2 138.7 208.1

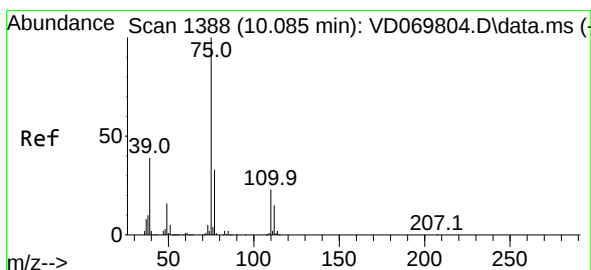
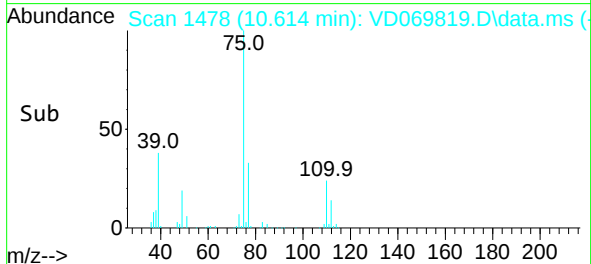
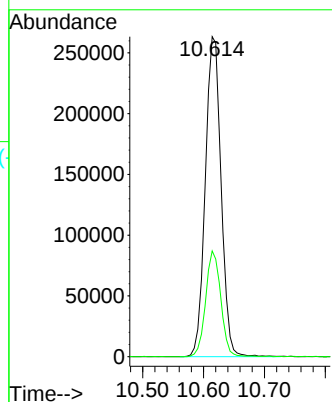
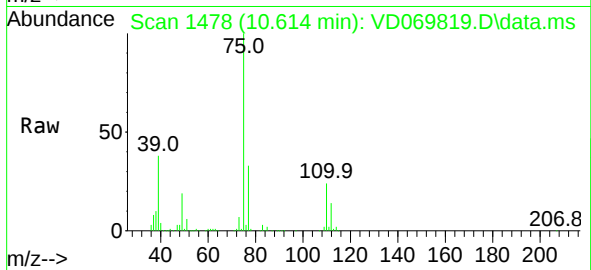




#53  
t-1,3-Dichloropropene  
Concen: 51.150 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

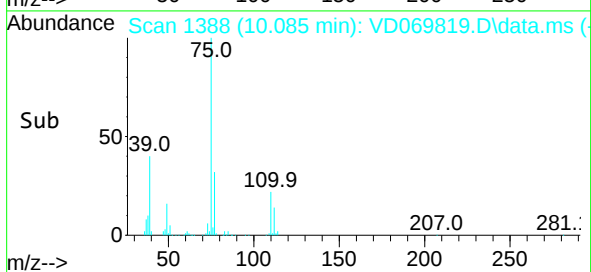
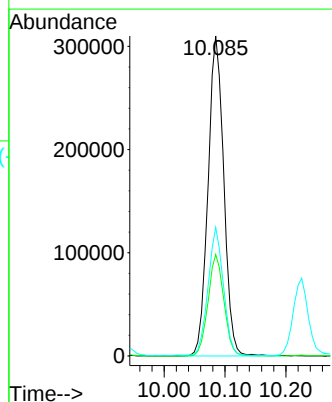
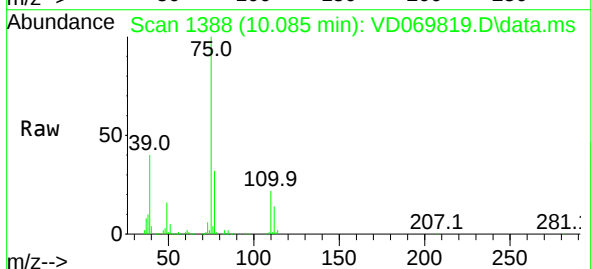
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

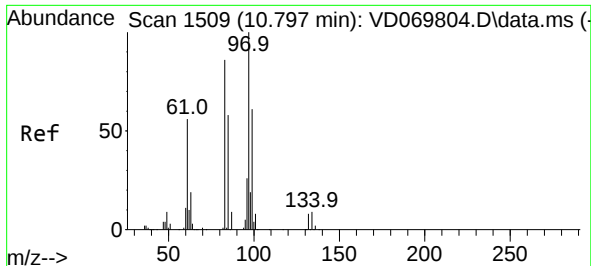
Tgt Ion: 75 Resp: 474842  
Ion Ratio Lower Upper  
75 100  
77 33.0 25.8 38.6



#54  
cis-1,3-Dichloropropene  
Concen: 49.541 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 75 Resp: 556792  
Ion Ratio Lower Upper  
75 100  
77 31.7 26.3 39.5  
39 39.9 31.0 46.6

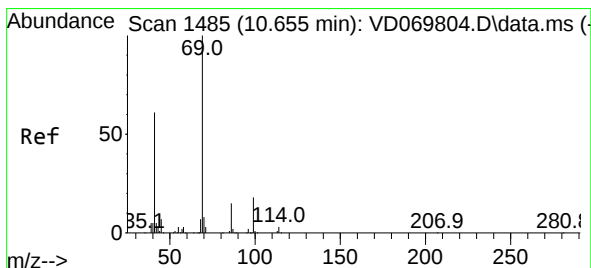
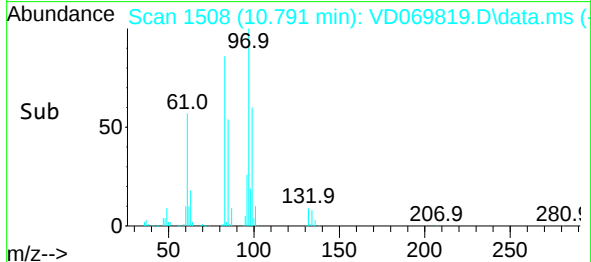
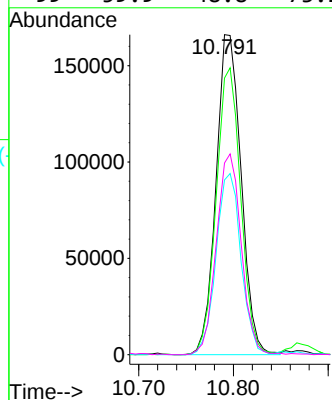
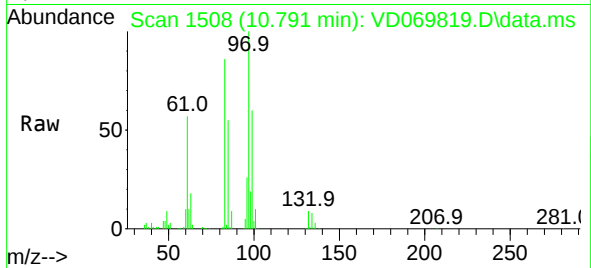




#55  
1,1,2-Trichloroethane  
Concen: 50.949 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

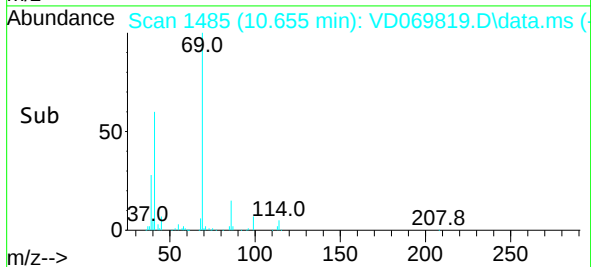
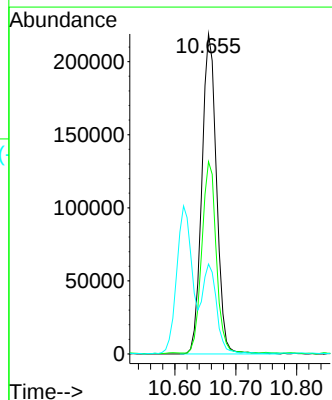
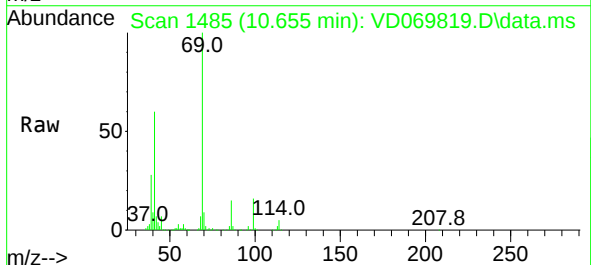
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

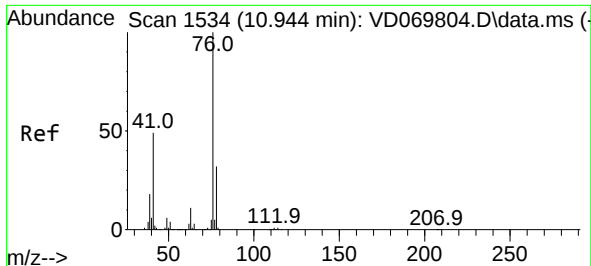
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 306335 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.4  | 69.1  | 103.7  |
| 85       | 54.6  | 46.2  | 69.2   |
| 99       | 59.9  | 48.8  | 73.2   |



#56  
Ethyl methacrylate  
Concen: 49.156 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 364883 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 58.8  | 50.2  | 75.2   |
| 39       | 27.2  | 22.0  | 33.0   |

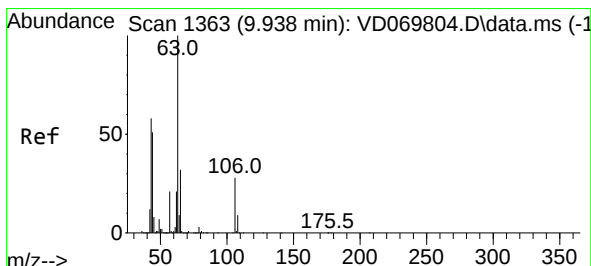
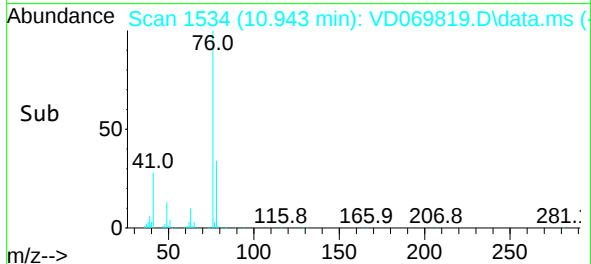
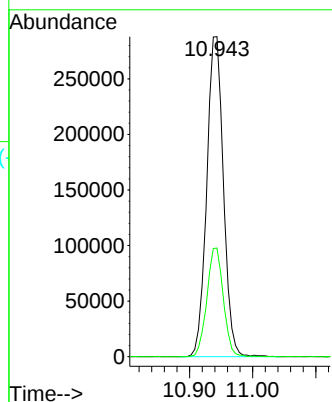
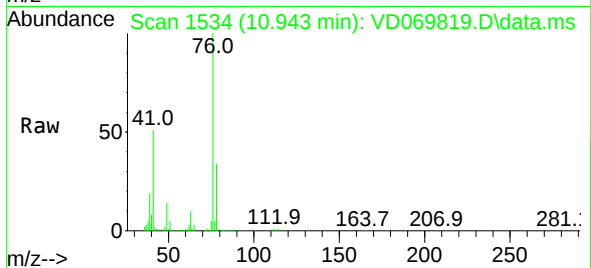




#57  
1,3-Dichloropropane  
Concen: 51.941 ug/l  
RT: 10.943 min Scan# 1534  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

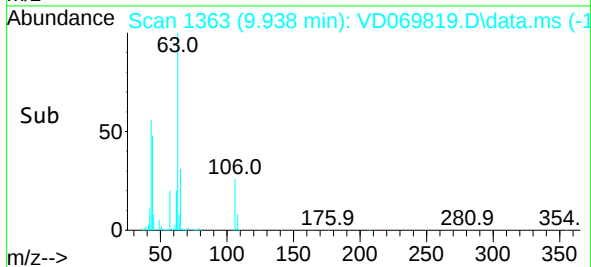
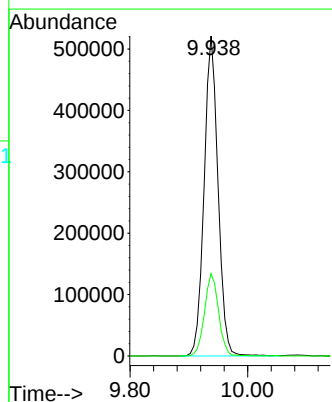
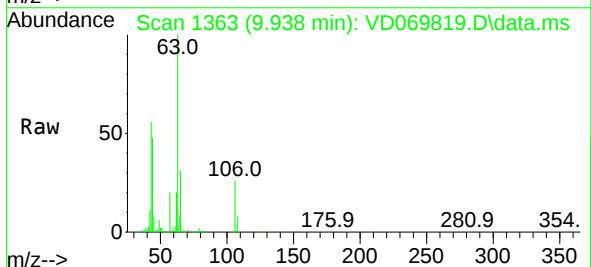
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

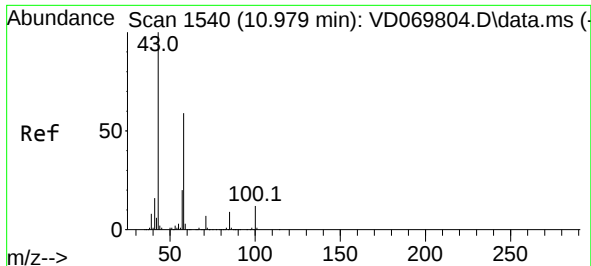
Tgt Ion: 76 Resp: 528442  
Ion Ratio Lower Upper  
76 100  
78 33.5 26.2 39.2



#58  
2-Chloroethyl Vinyl ether  
Concen: 261.449 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 63 Resp: 858262  
Ion Ratio Lower Upper  
63 100  
106 26.0 21.8 32.6

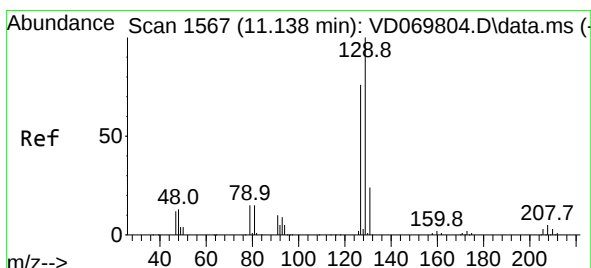
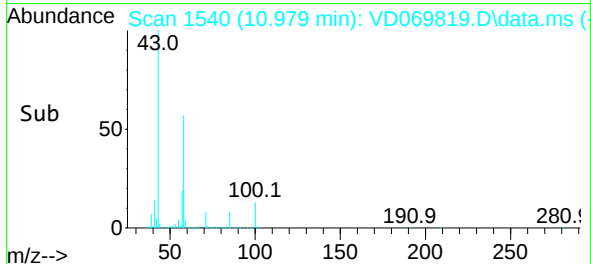
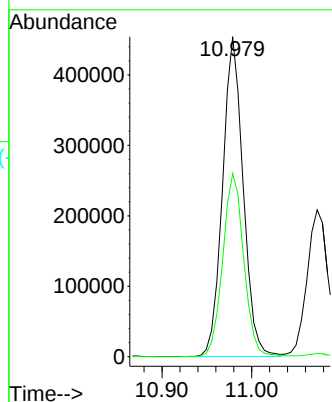
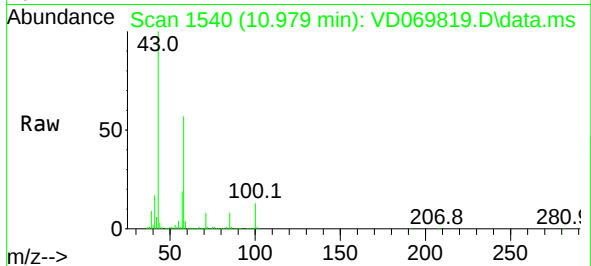




#59  
2-Hexanone  
Concen: 282.929 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

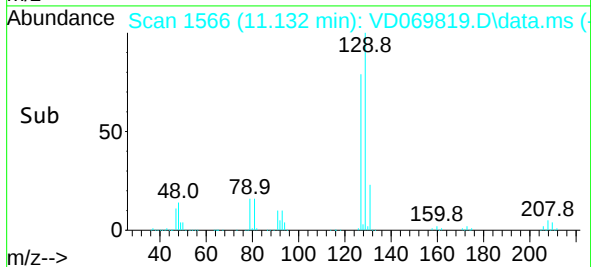
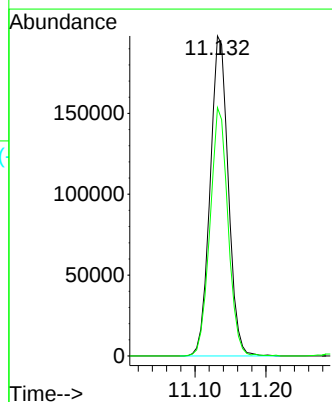
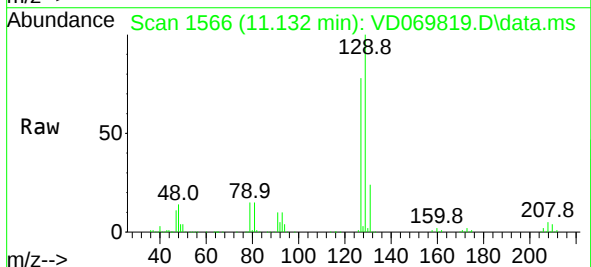
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

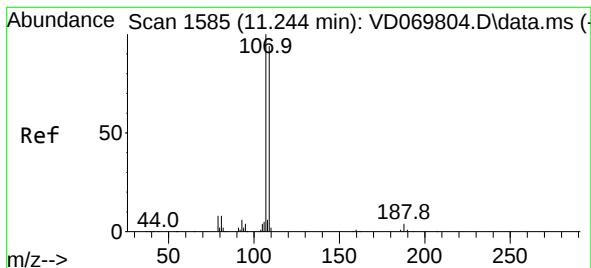
Tgt Ion: 43 Resp: 723600  
Ion Ratio Lower Upper  
43 100  
58 58.5 29.4 88.3



#60  
Dibromochloromethane  
Concen: 51.501 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 129 Resp: 350685  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.7 116.1

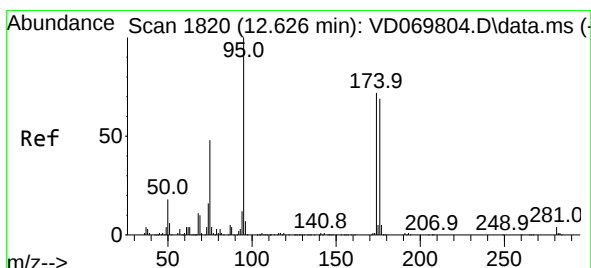
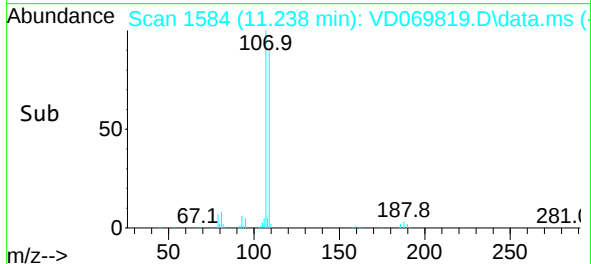
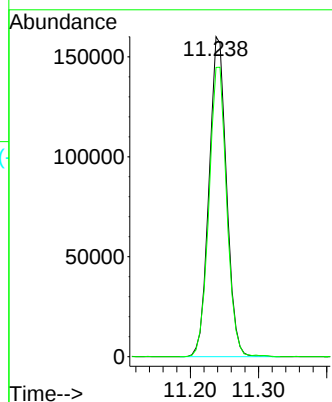
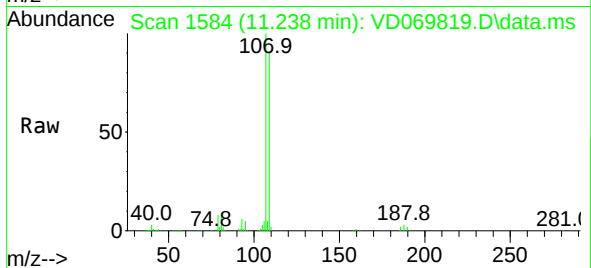




#61  
1,2-Dibromoethane  
Concen: 52.710 ug/l  
RT: 11.238 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

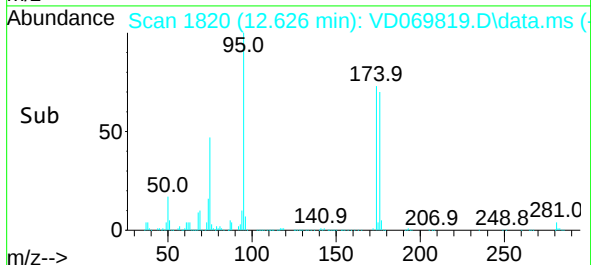
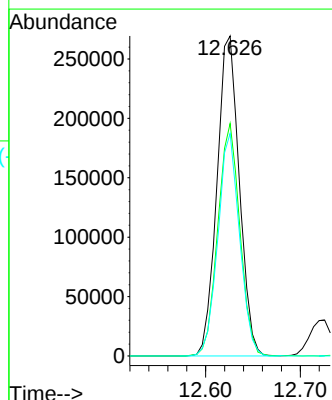
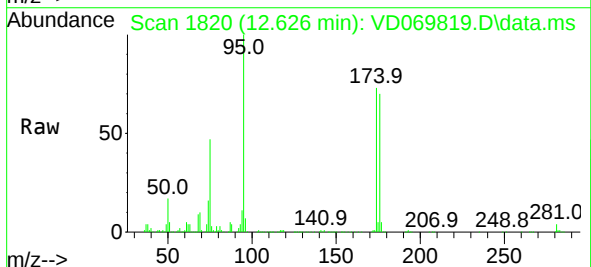
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

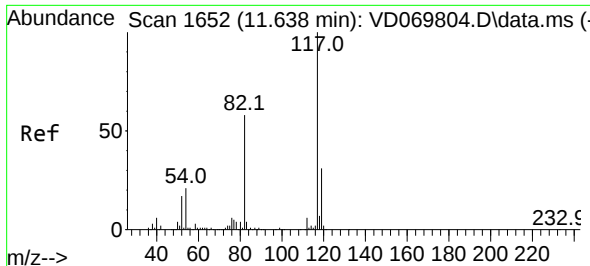
Tgt Ion:107 Resp: 285340  
Ion Ratio Lower Upper  
107 100  
109 92.0 74.5 111.7



#62  
4-Bromofluorobenzene  
Concen: 51.607 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 95 Resp: 442106  
Ion Ratio Lower Upper  
95 100  
174 71.6 0.0 142.6  
176 67.2 0.0 134.2

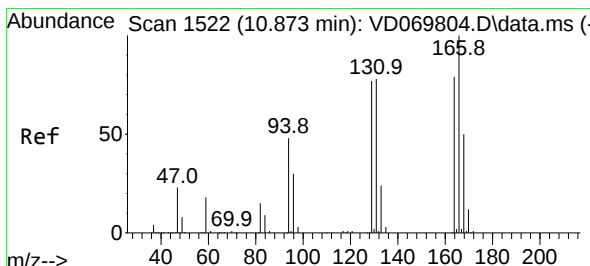
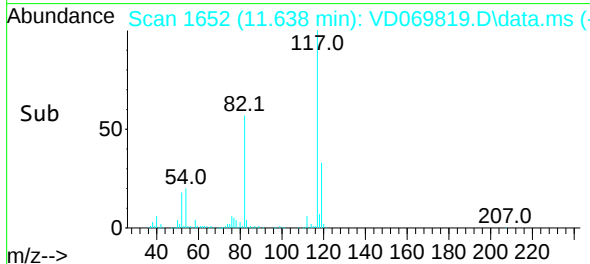
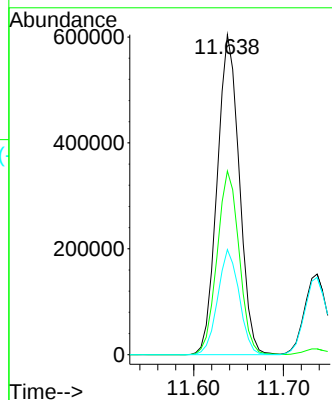
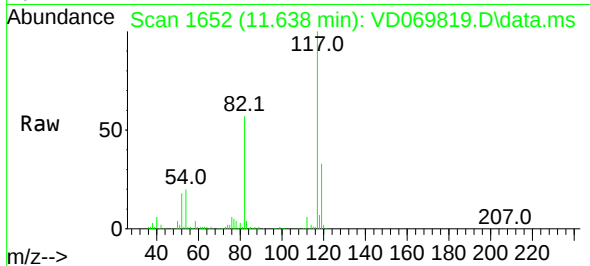




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

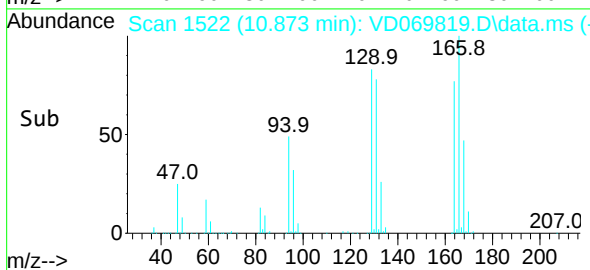
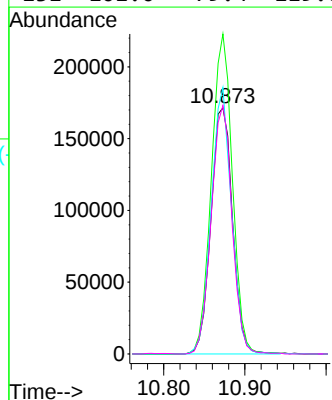
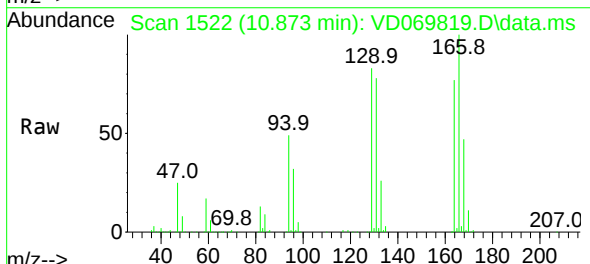
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

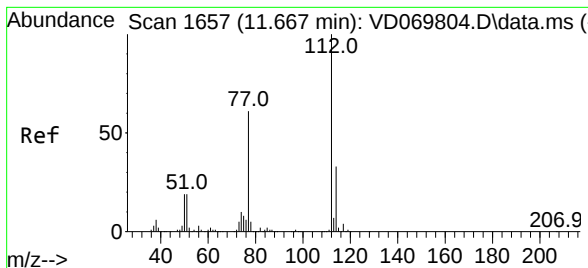
Tgt Ion:117 Resp: 1032864  
Ion Ratio Lower Upper  
117 100  
82 57.4 46.3 69.5  
119 32.8 24.7 37.1



#64  
Tetrachloroethene  
Concen: 48.095 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion:164 Resp: 316657  
Ion Ratio Lower Upper  
164 100  
166 130.1 101.8 152.8  
129 108.3 78.8 118.2  
131 101.0 79.4 119.0

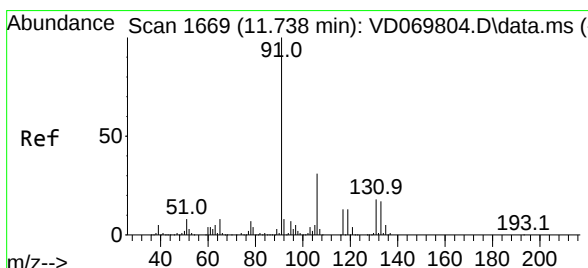
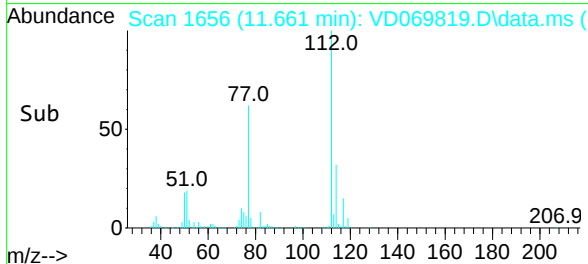
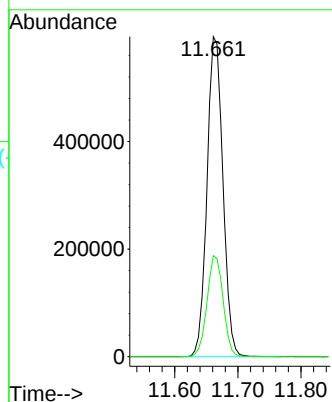
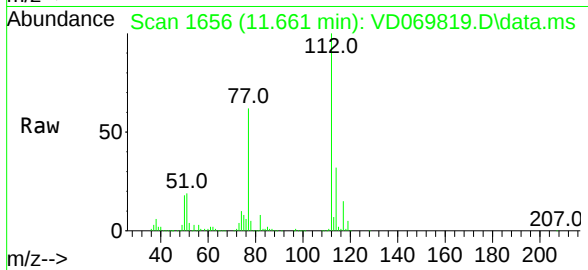




#65  
Chlorobenzene  
Concen: 48.526 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

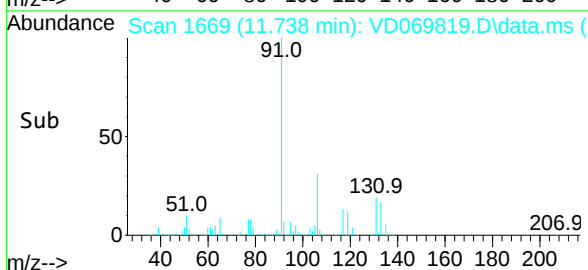
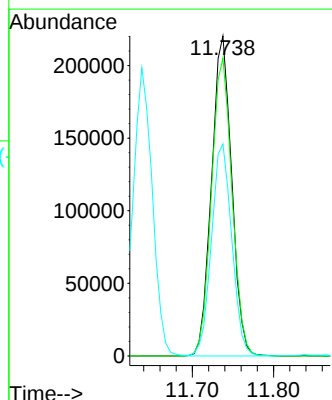
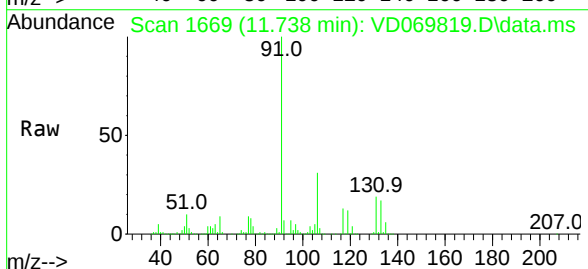
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

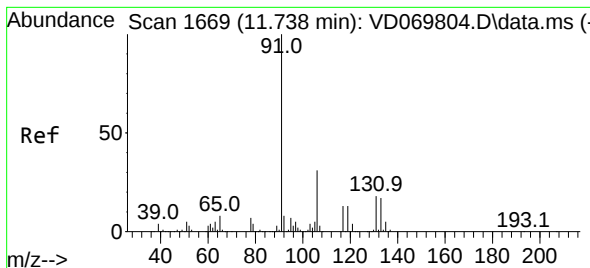
Tgt Ion:112 Resp: 1038408  
Ion Ratio Lower Upper  
112 100  
114 31.6 26.5 39.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.310 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion:131 Resp: 379583  
Ion Ratio Lower Upper  
131 100  
133 94.8 46.4 139.1  
119 66.9 34.2 102.5

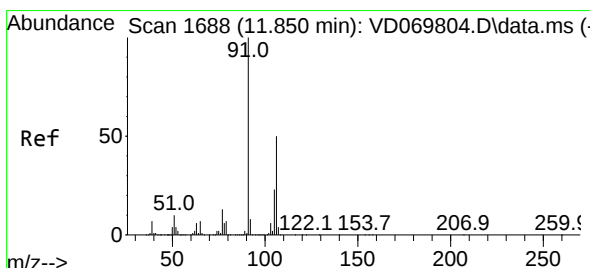
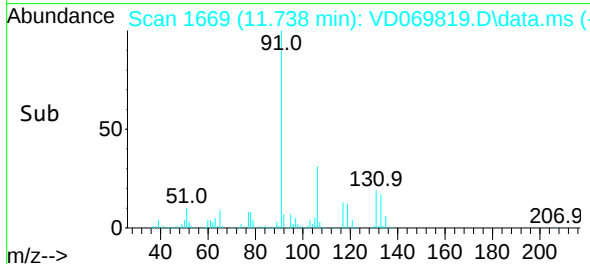
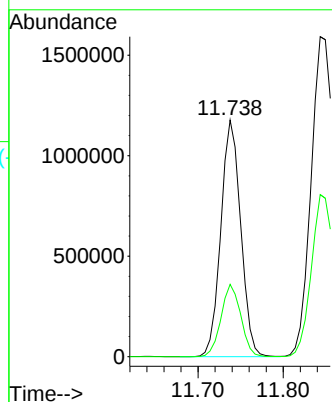
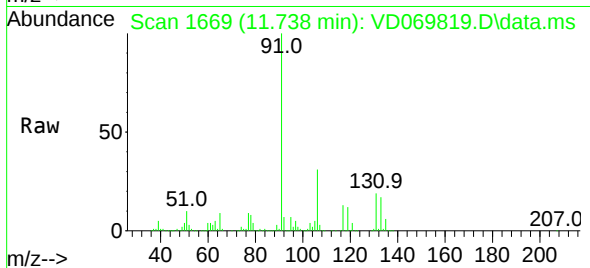




#67  
Ethyl Benzene  
Concen: 50.600 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

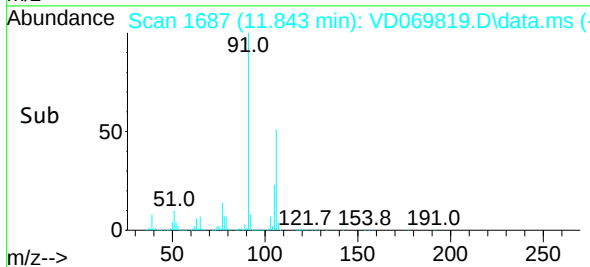
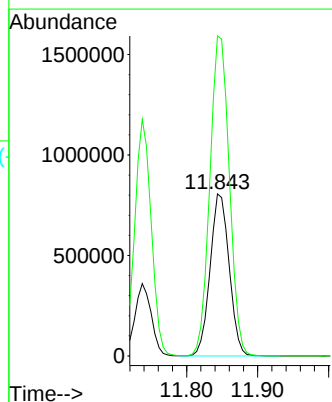
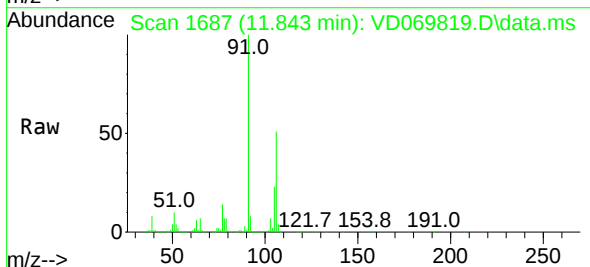
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

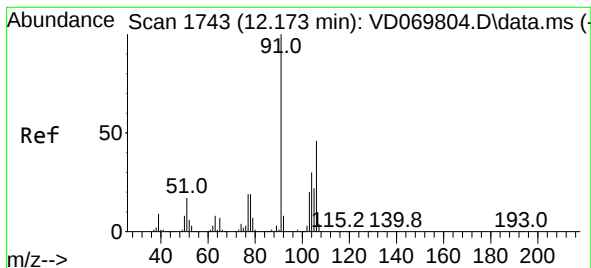
Tgt Ion: 91 Resp: 1906310  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.9 37.3



#68  
m/p-Xylenes  
Concen: 102.901 ug/l  
RT: 11.843 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion:106 Resp: 1502822  
Ion Ratio Lower Upper  
106 100  
91 201.8 162.4 243.6

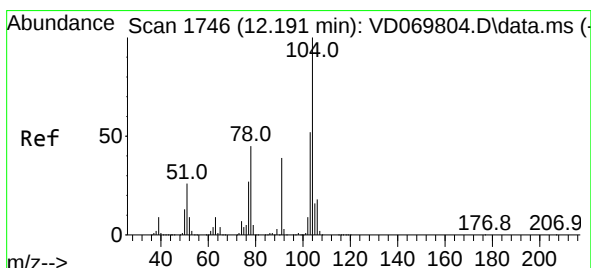
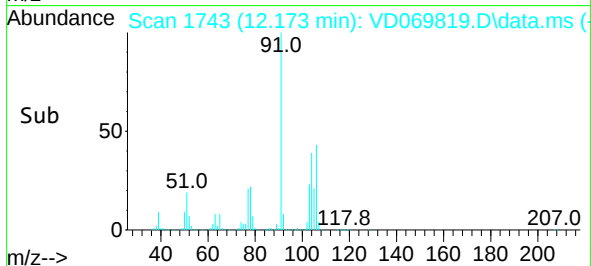
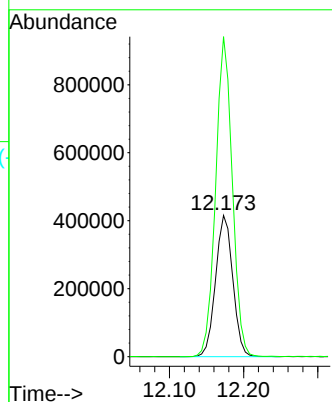
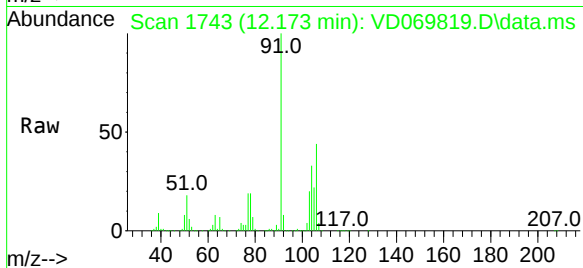




#69  
o-Xylene  
Concen: 50.465 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

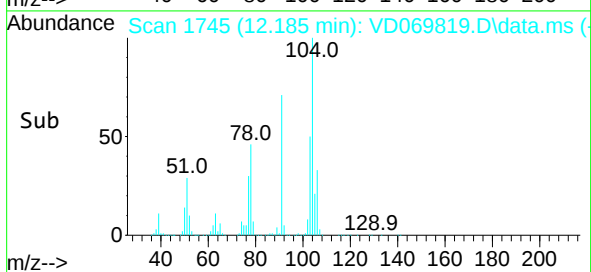
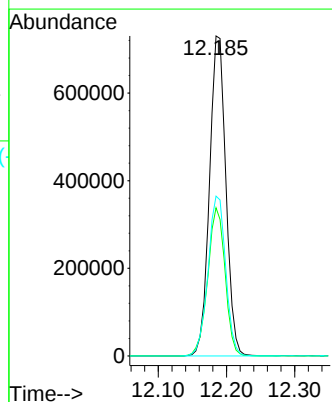
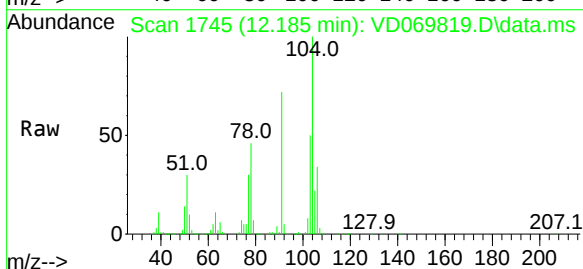
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

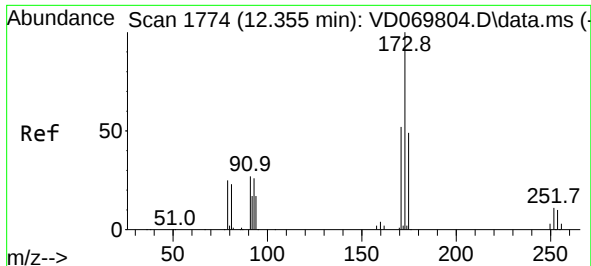
Tgt Ion:106 Resp: 670032  
Ion Ratio Lower Upper  
106 100  
91 219.4 107.6 322.8



#70  
Styrene  
Concen: 53.160 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

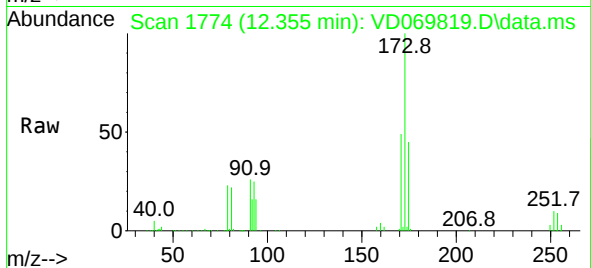
Tgt Ion:104 Resp: 1223189  
Ion Ratio Lower Upper  
104 100  
78 48.9 39.7 59.5  
103 53.8 44.0 66.0



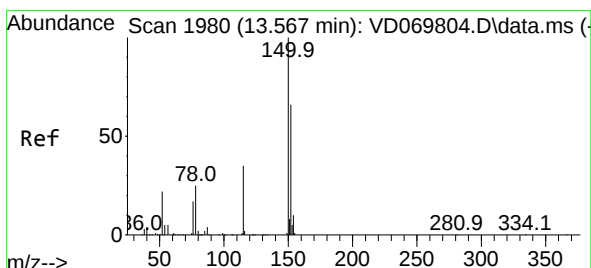
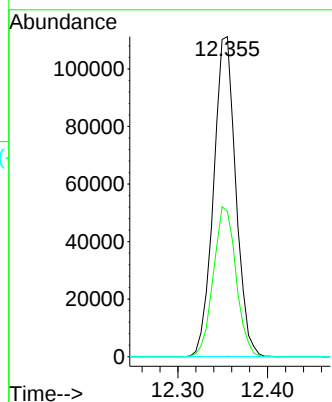
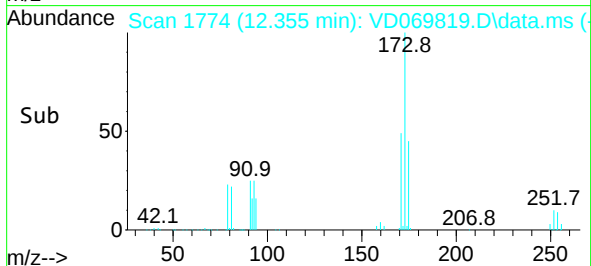


#71  
Bromoform  
Concen: 51.183 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

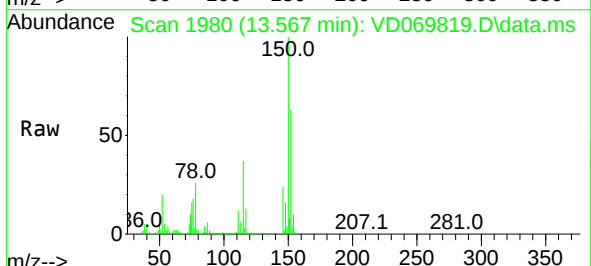
Instrument :  
MSVOA\_D  
ClientSampleId :  
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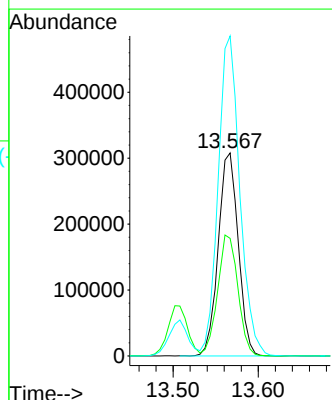
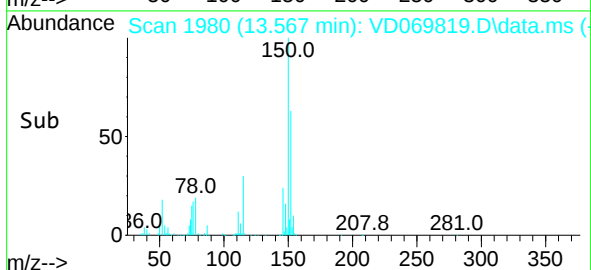
Tgt Ion:173 Resp: 191345  
Ion Ratio Lower Upper  
173 100  
175 47.8 24.1 72.3  
254 0.0 0.1 0.1#

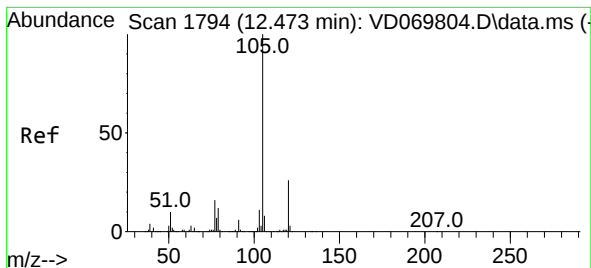


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33



Tgt Ion:152 Resp: 502408  
Ion Ratio Lower Upper  
152 100  
115 60.4 31.1 93.3  
150 170.7 0.0 343.0

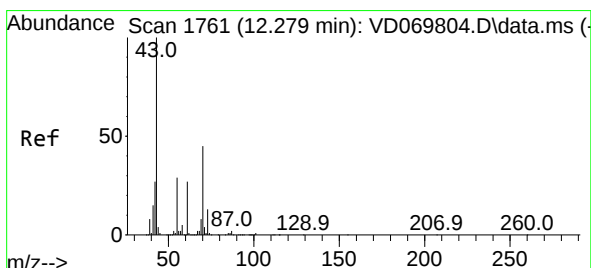
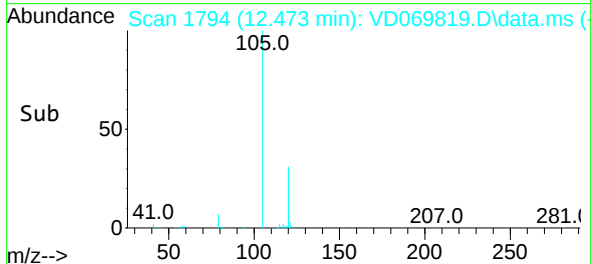
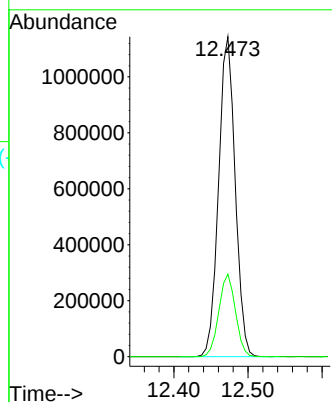
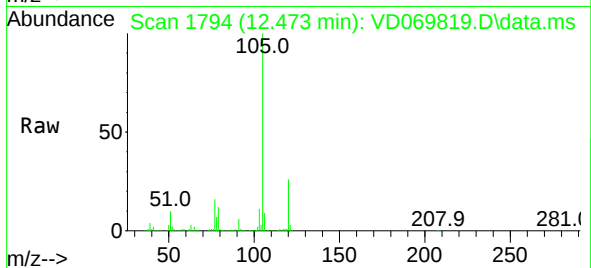




#73  
Isopropylbenzene  
Concen: 49.254 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

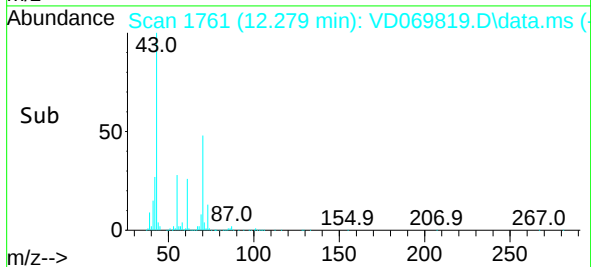
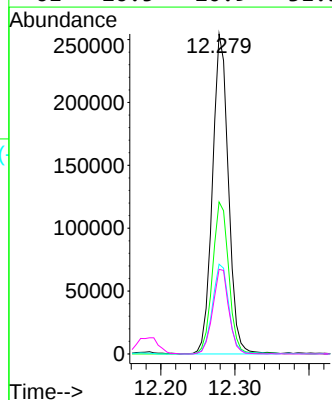
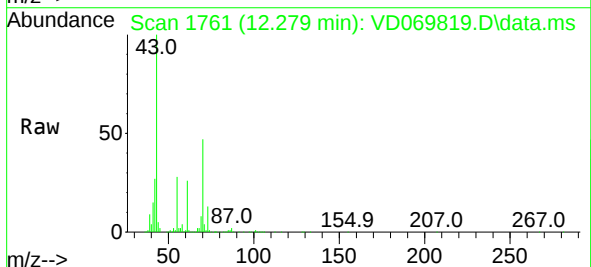
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ClientSampleId :  
VSTDCCC050EC

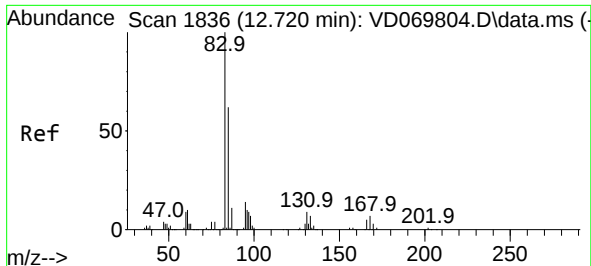
Tgt Ion:105 Resp: 1777989  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.0 38.9



#74  
N-ethyl acetate  
Concen: 51.378 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 43 Resp: 381487  
Ion Ratio Lower Upper  
43 100  
70 48.2 37.9 56.9  
55 29.0 23.7 35.5  
61 26.5 20.9 31.3

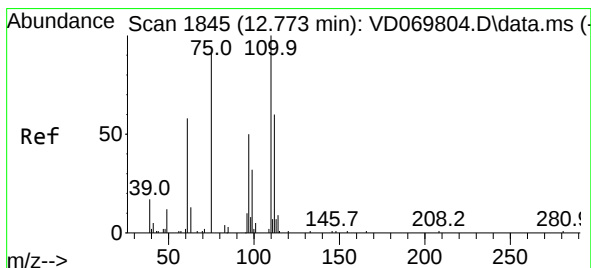
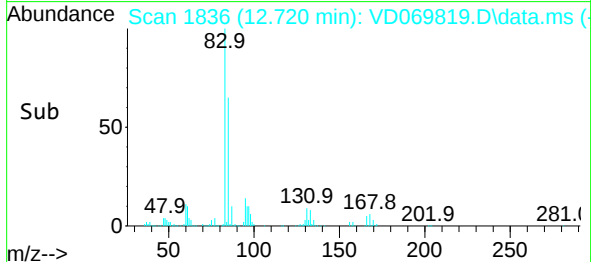
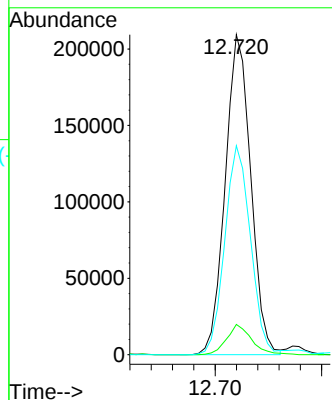
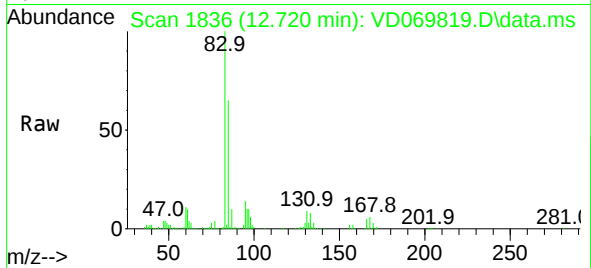




#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.427 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

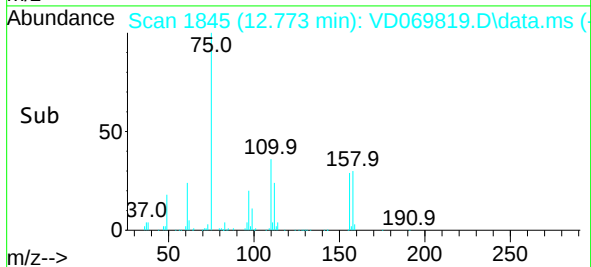
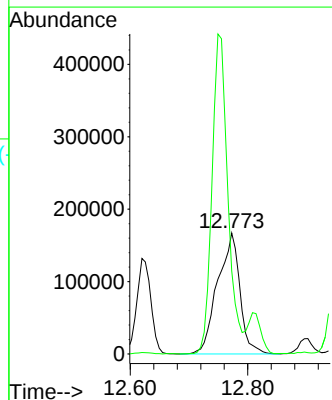
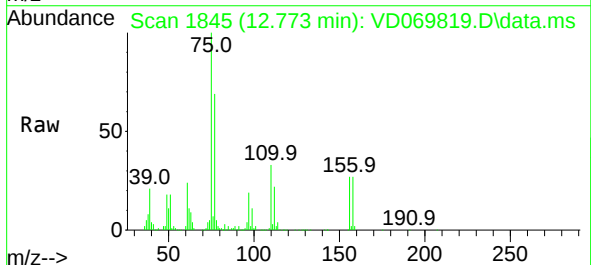
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

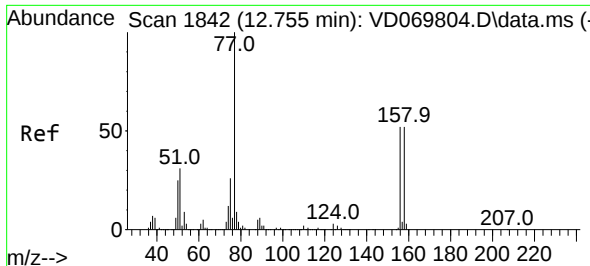
Tgt Ion: 83 Resp: 349114  
Ion Ratio Lower Upper  
83 100  
131 9.2 4.9 14.6  
85 65.7 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 82.325 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 75 Resp: 439633  
Ion Ratio Lower Upper  
75 100  
77 0.0 181.5 544.5#

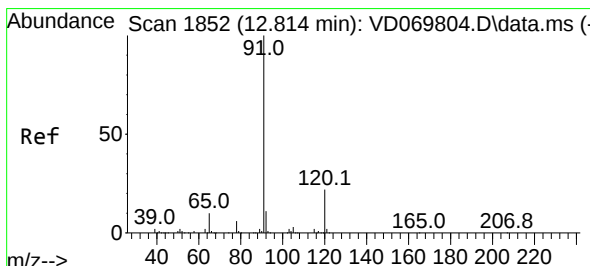
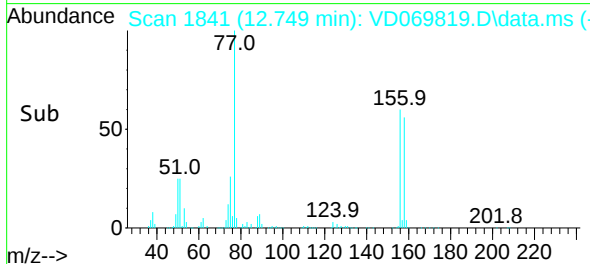
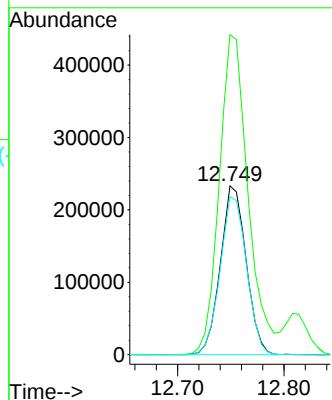
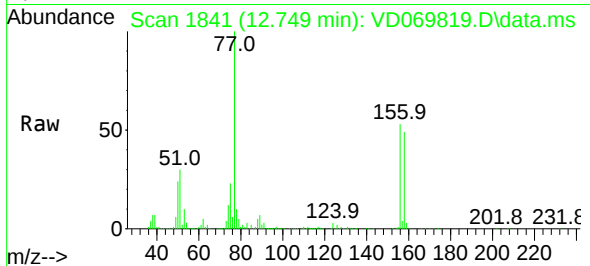




#77  
Bromobenzene  
Concen: 48.194 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

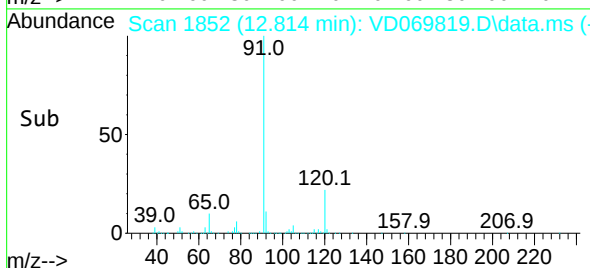
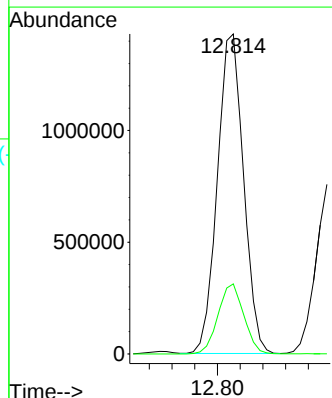
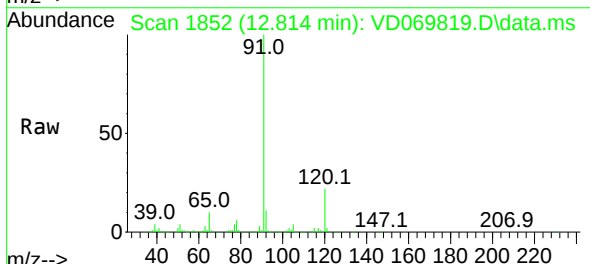
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

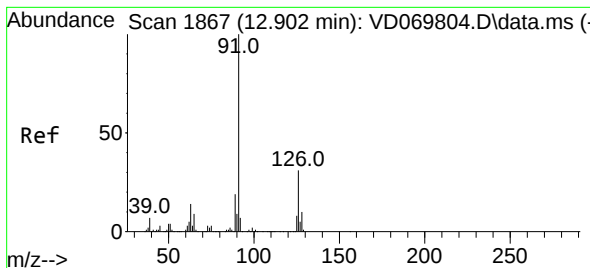
Tgt Ion:156 Resp: 391837  
Ion Ratio Lower Upper  
156 100  
77 210.8 107.1 321.3  
158 95.8 48.1 144.3



#78  
n-propylbenzene  
Concen: 49.347 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 91 Resp: 2287948  
Ion Ratio Lower Upper  
91 100  
120 21.6 10.9 32.7

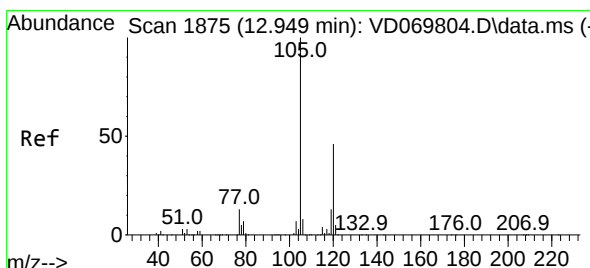
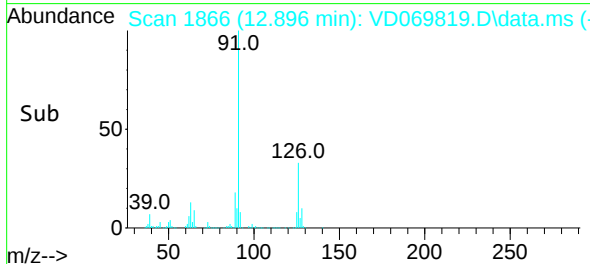
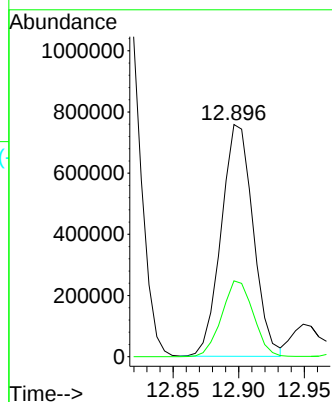
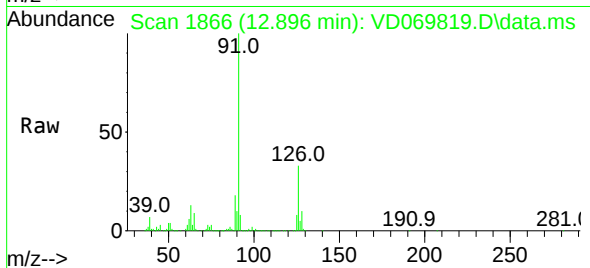




#79  
2-Chlorotoluene  
Concen: 47.741 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

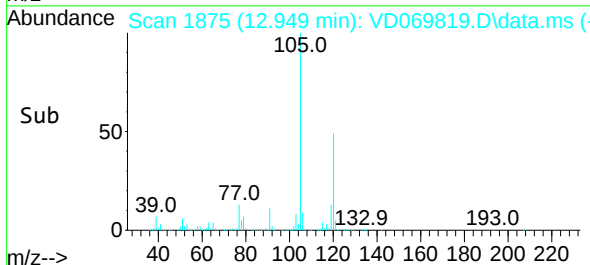
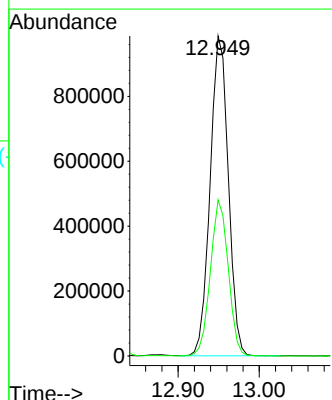
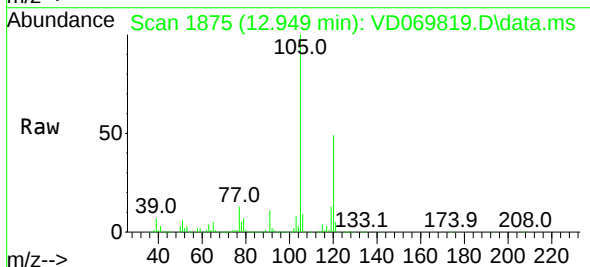
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

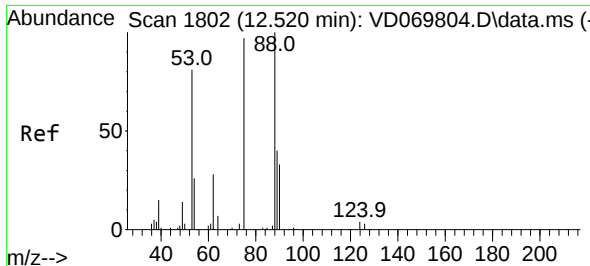
Tgt Ion: 91 Resp: 1285704  
Ion Ratio Lower Upper  
91 100  
126 32.3 15.9 47.7



#80  
1,3,5-Trimethylbenzene  
Concen: 49.626 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 105 Resp: 1532454  
Ion Ratio Lower Upper  
105 100  
120 48.0 23.8 71.2

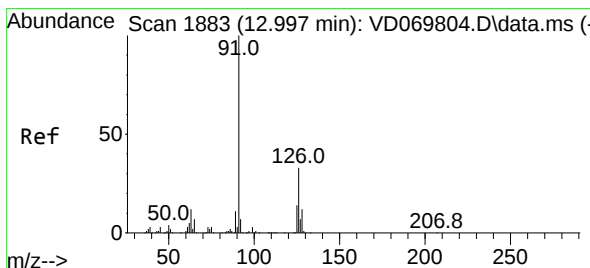
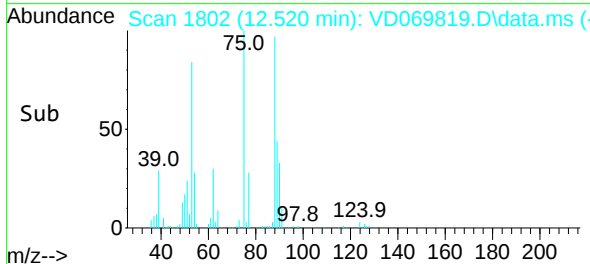
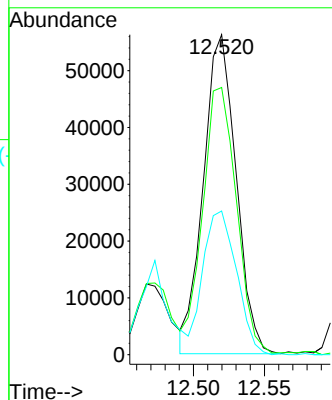
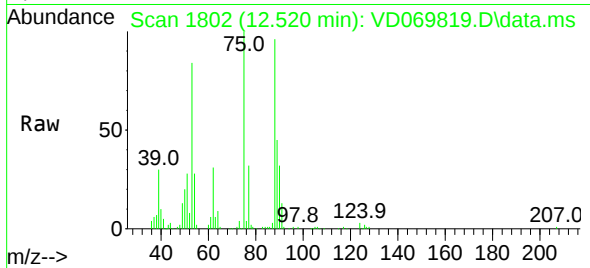




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.118 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

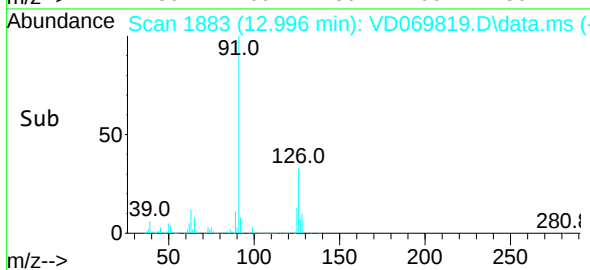
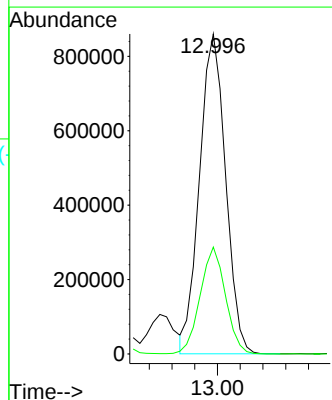
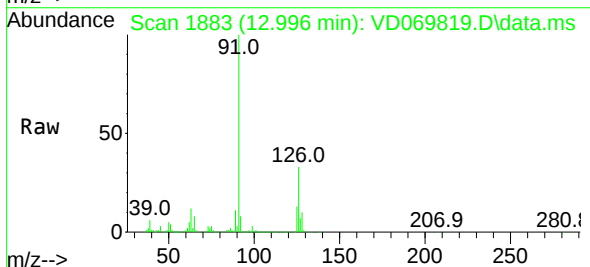
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

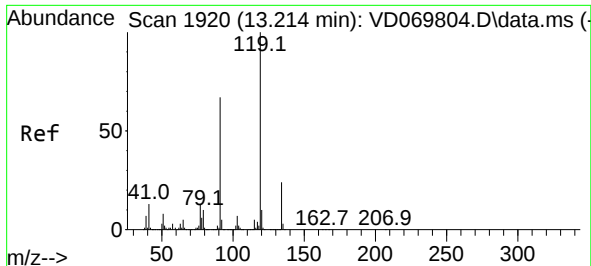
Tgt Ion: 75 Resp: 89982  
Ion Ratio Lower Upper  
75 100  
53 85.9 67.2 100.8  
89 46.0 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 48.559 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 91 Resp: 1367194  
Ion Ratio Lower Upper  
91 100  
126 32.4 15.9 47.6

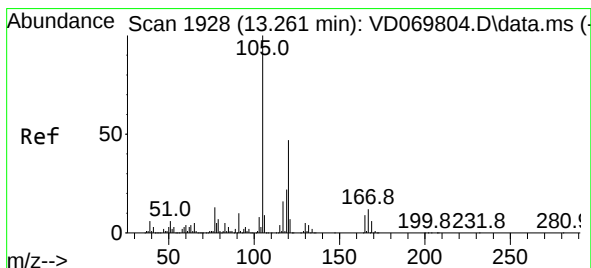
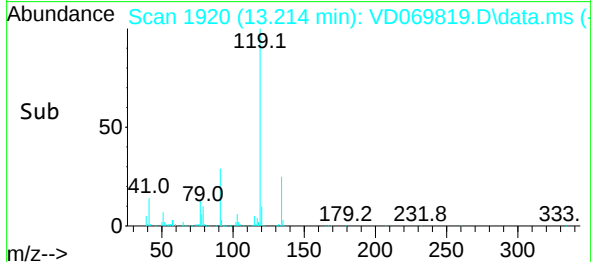
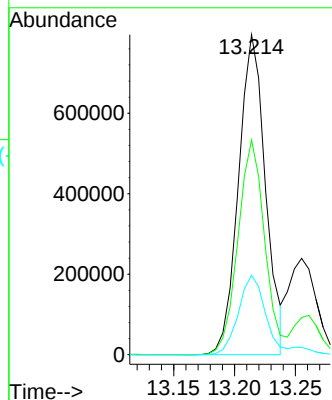
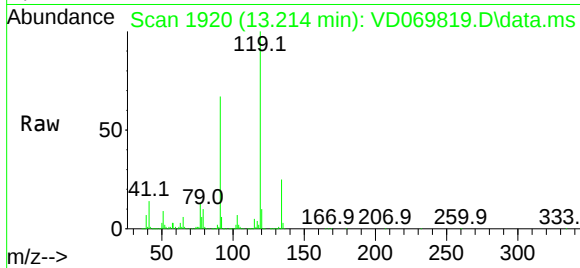




#83  
tert-Butylbenzene  
Concen: 48.862 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

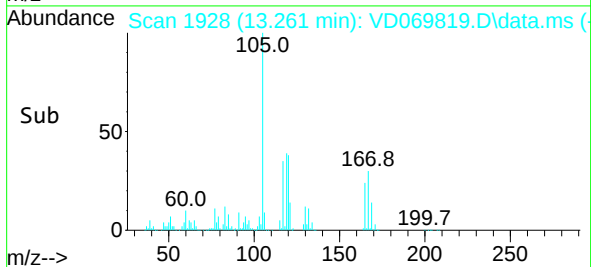
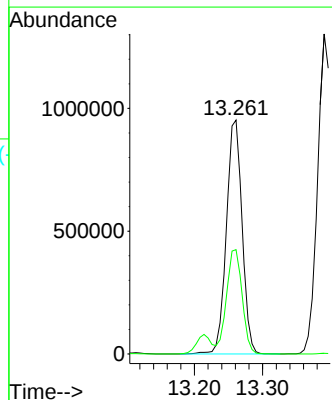
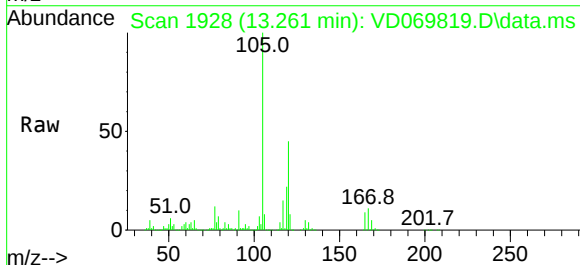
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

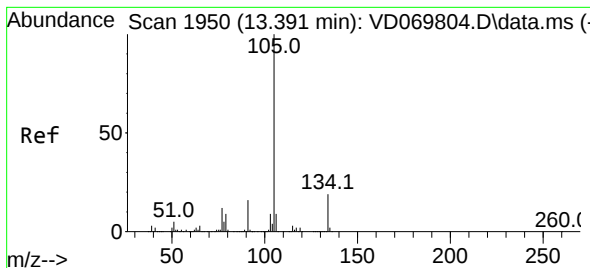
Tgt Ion:119 Resp: 1226745  
Ion Ratio Lower Upper  
119 100  
91 67.0 33.7 101.1  
134 26.5 13.3 39.8



#84  
1,2,4-Trimethylbenzene  
Concen: 50.139 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion:105 Resp: 1527454  
Ion Ratio Lower Upper  
105 100  
120 44.2 22.6 67.8

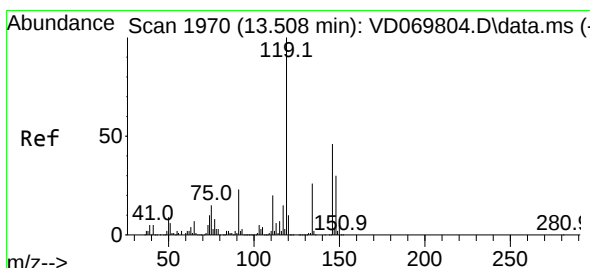
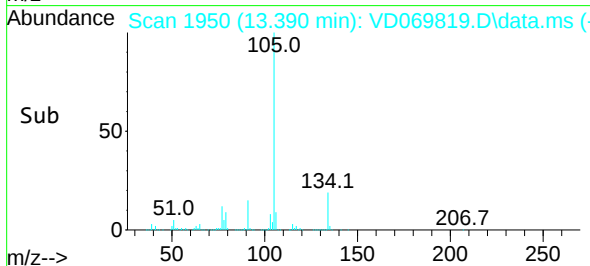
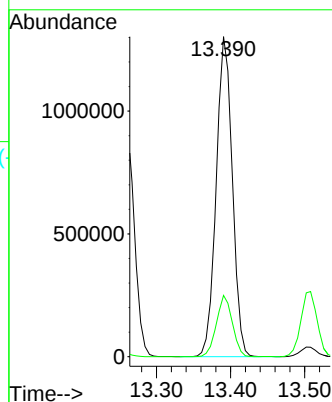
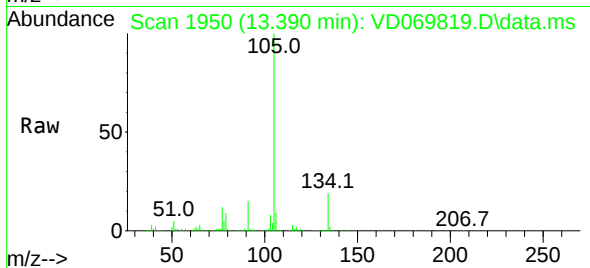




#85  
 sec-Butylbenzene  
 Concen: 49.592 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD069819.D  
 Acq: 22 Jul 2021 20:33

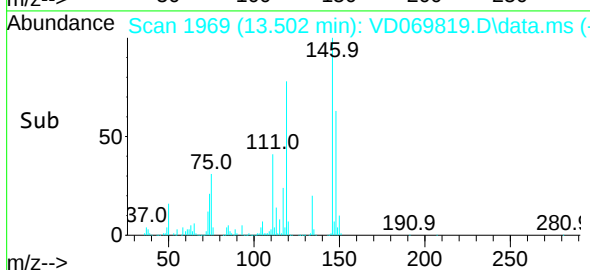
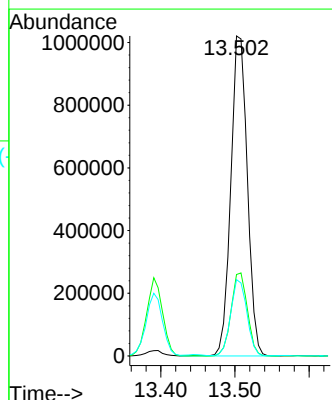
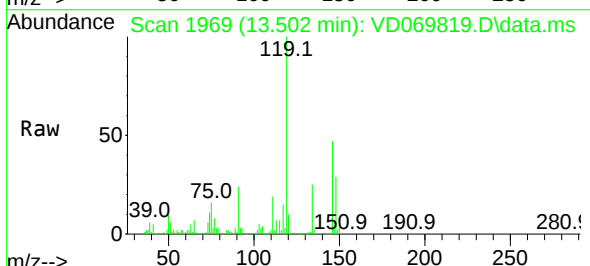
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

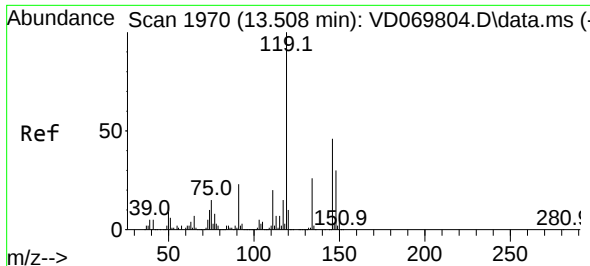
Tgt Ion:105 Resp: 1968309  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 48.968 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD069819.D  
 Acq: 22 Jul 2021 20:33

Tgt Ion:119 Resp: 1579001  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 12.6 37.8  
 91 23.2 11.7 35.1

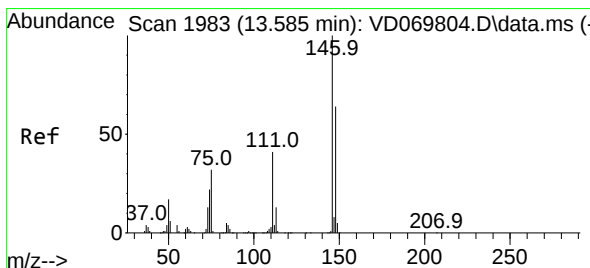
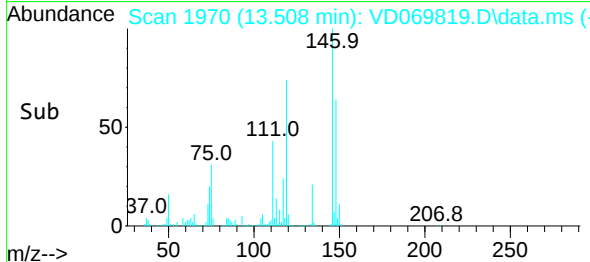
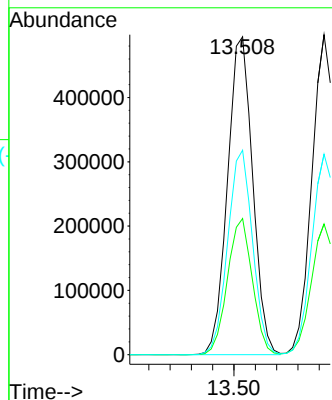
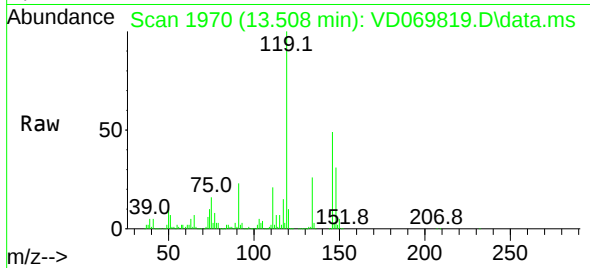




#87  
1,3-Dichlorobenzene  
Concen: 47.553 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

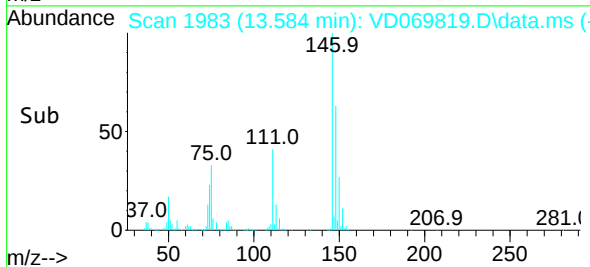
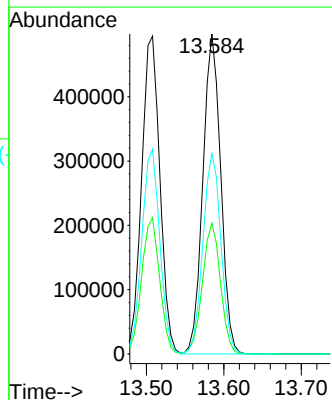
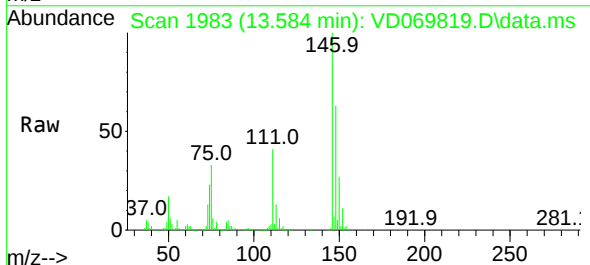
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

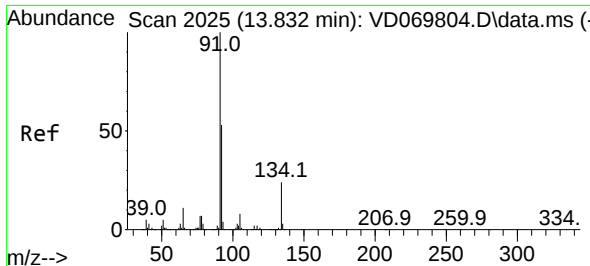
Tgt Ion:146 Resp: 811711  
Ion Ratio Lower Upper  
146 100  
111 42.3 21.7 65.1  
148 63.6 32.1 96.3



#88  
1,4-Dichlorobenzene  
Concen: 46.760 ug/l  
RT: 13.584 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion:146 Resp: 795559  
Ion Ratio Lower Upper  
146 100  
111 41.2 20.8 62.4  
148 63.6 31.6 95.0

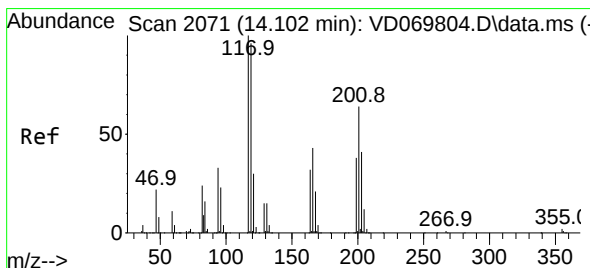
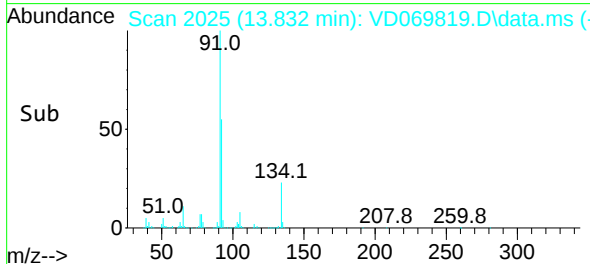
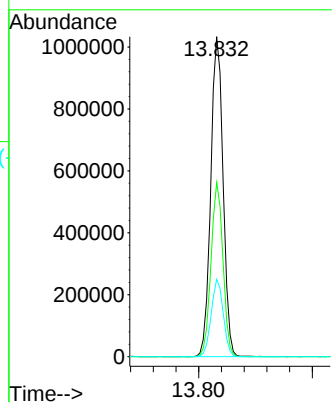
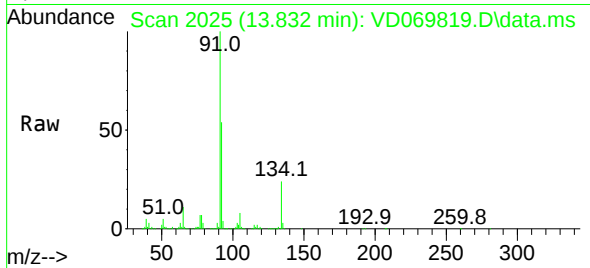




#89  
n-Butylbenzene  
Concen: 48.710 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

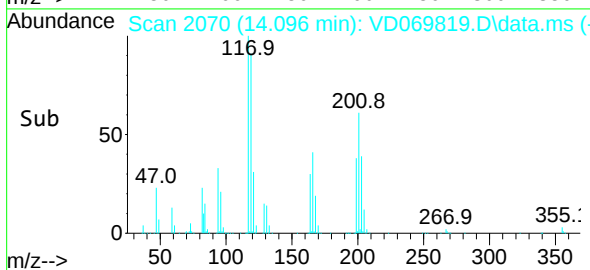
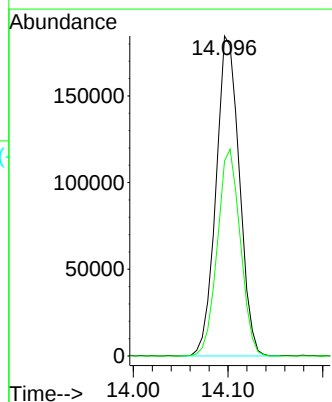
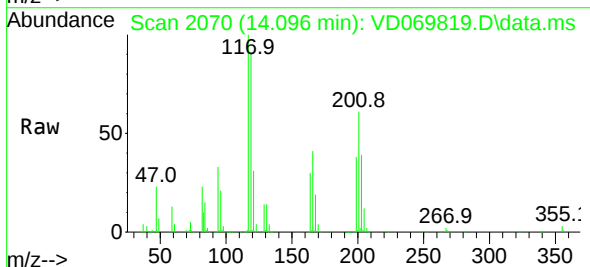
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

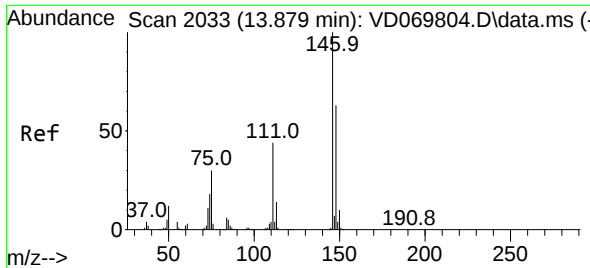
Tgt Ion: 91 Resp: 1550094  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.6 79.7  
134 23.7 11.9 35.7



#90  
Hexachloroethane  
Concen: 46.299 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. -0.006 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 117 Resp: 316243  
Ion Ratio Lower Upper  
117 100  
201 63.3 31.9 95.5

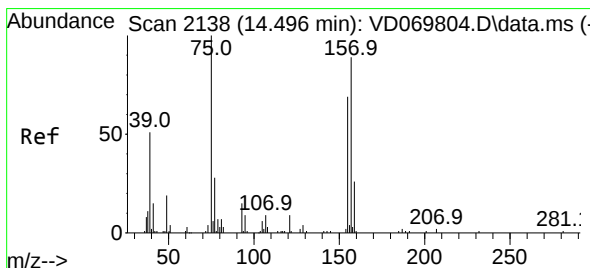
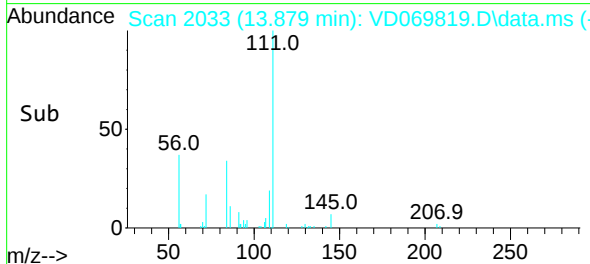
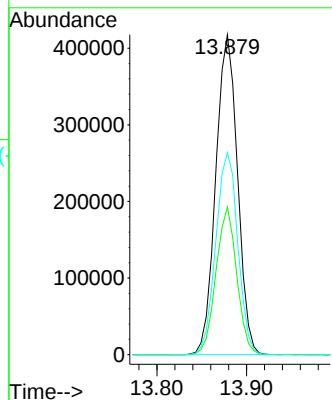
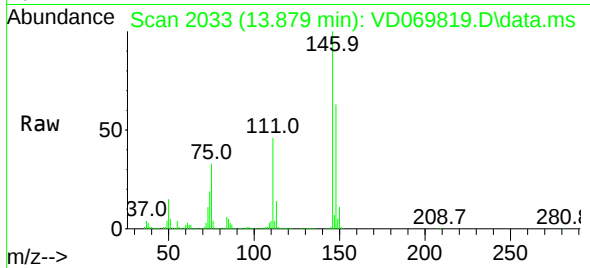




#91  
1,2-Dichlorobenzene  
Concen: 47.721 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

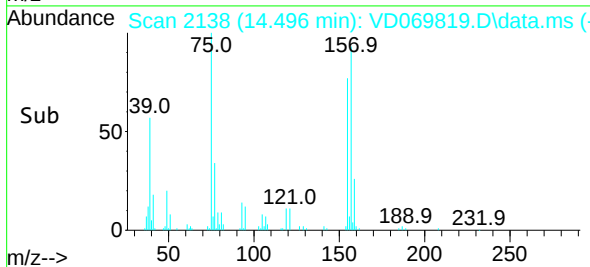
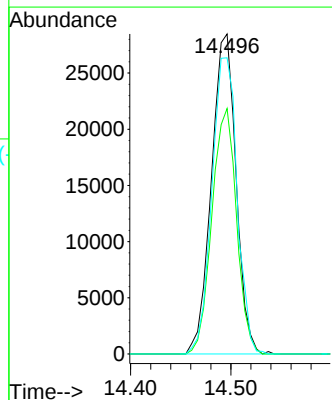
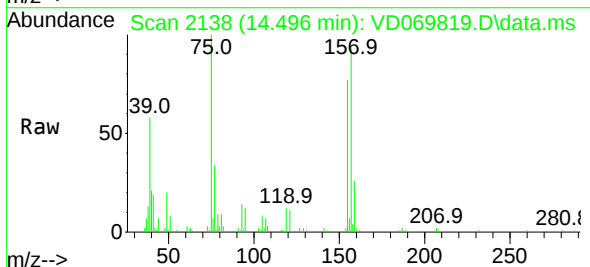
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

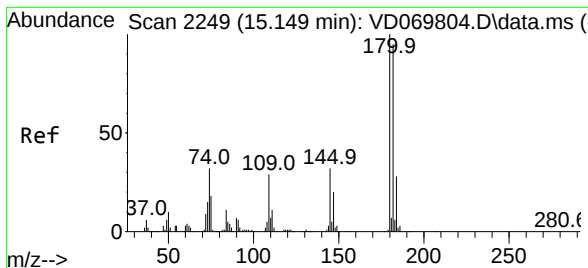
Tgt Ion:146 Resp: 703057  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.7 65.1  
148 64.0 31.2 93.6



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.876 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion: 75 Resp: 48661  
Ion Ratio Lower Upper  
75 100  
155 76.5 36.3 108.9  
157 95.0 47.0 141.0

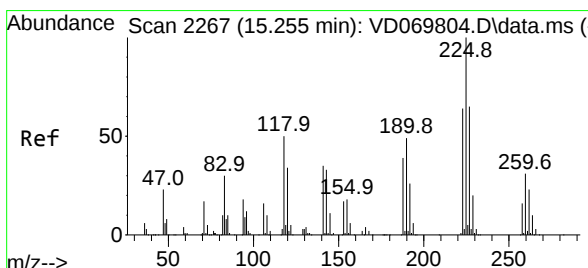
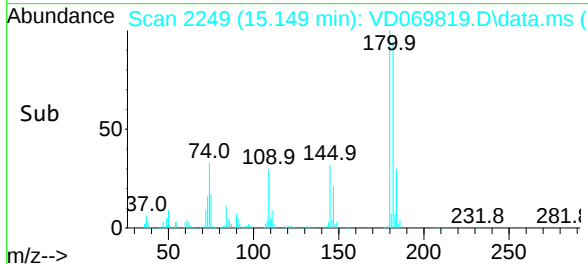
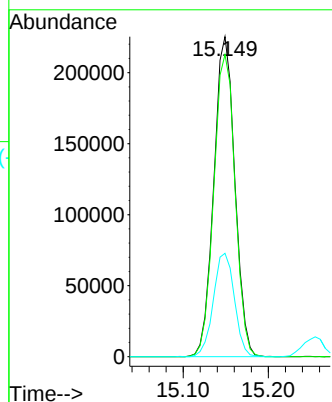
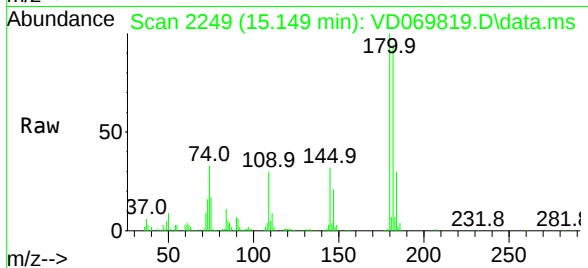




#93  
1,2,4-Trichlorobenzene  
Concen: 48.489 ug/l  
RT: 15.149 min Scan# 2249  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

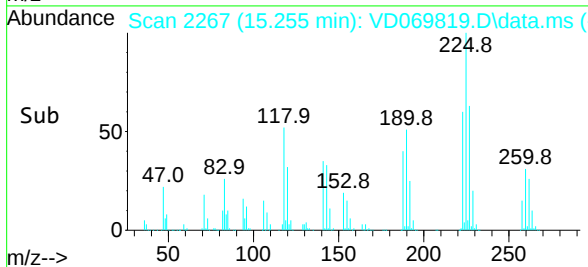
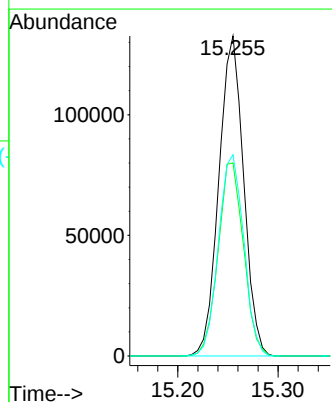
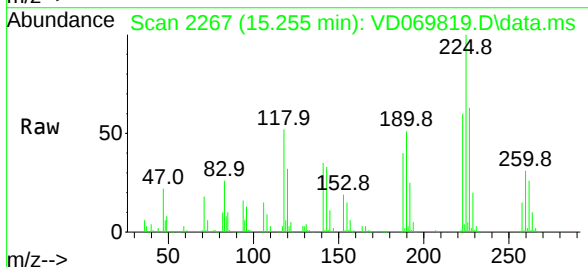
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

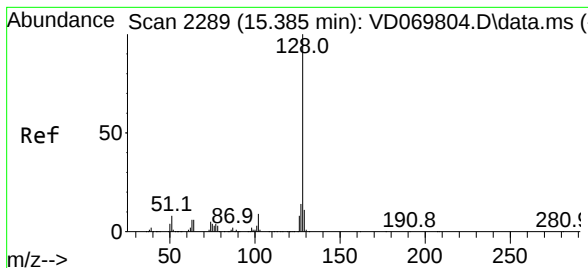
Tgt Ion:180 Resp: 385435  
Ion Ratio Lower Upper  
180 100  
182 95.7 47.6 142.9  
145 32.4 16.4 49.2



#94  
Hexachlorobutadiene  
Concen: 46.729 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion:225 Resp: 227217  
Ion Ratio Lower Upper  
225 100  
223 62.1 31.5 94.5  
227 64.4 31.9 95.7

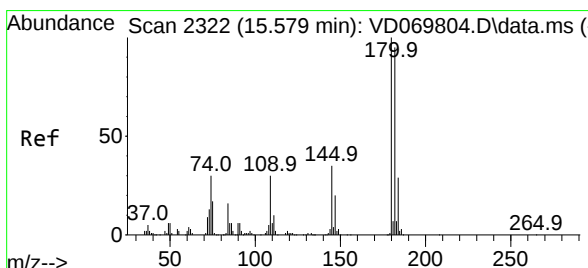
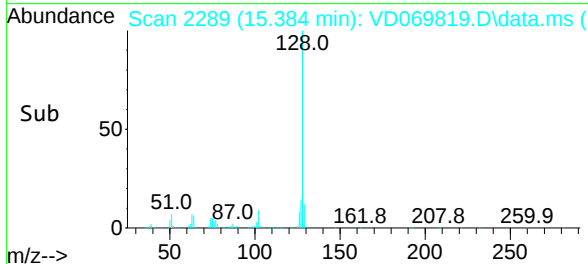
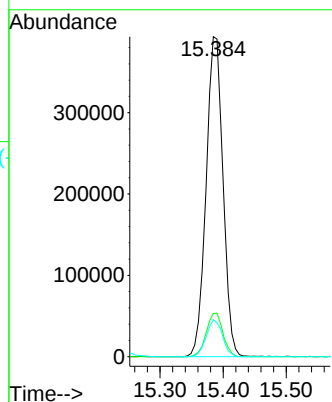
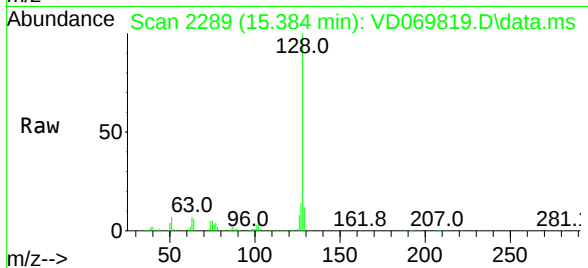




#95  
Naphthalene  
Concen: 44.951 ug/l  
RT: 15.384 min Scan# 2289  
Delta R.T. -0.001 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 728958  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.6 16.0  
129 11.1 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 49.698 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VD069819.D  
Acq: 22 Jul 2021 20:33

Tgt Ion:180 Resp: 341629  
Ion Ratio Lower Upper  
180 100  
182 95.8 47.3 142.0  
145 34.3 17.3 51.9

