

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092721\  
 Data File : VD070468.D  
 Acq On : 27 Sep 2021 10:47  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Sep 28 04:09:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 03:07:09 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.973  | 168   | 362147   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861  | 114   | 610990   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638 | 117   | 578445   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567 | 152   | 277916   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326  | 65    | 211318   | 45.444   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 90.880%  |
| 35) Dibromofluoromethane     | 7.908  | 113   | 220639   | 50.732   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 101.460% |
| 50) Toluene-d8               | 10.332 | 98    | 848629   | 53.743   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 107.480% |
| 62) 4-Bromofluorobenzene     | 12.626 | 95    | 288936   | 52.357   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 104.720% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985  | 85    | 167073   | 45.772   | ug/l   | 98       |
| 3) Chloromethane             | 2.209  | 50    | 223486   | 45.233   | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.350  | 62    | 260252   | 45.675   | ug/l   | 97       |
| 5) Bromomethane              | 2.762  | 94    | 161781   | 46.382   | ug/l   | 96       |
| 6) Chloroethane              | 2.920  | 64    | 169028   | 48.925   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.273  | 101   | 355363   | 47.153   | ug/l   | 96       |
| 8) Diethyl Ether             | 3.709  | 74    | 96969    | 46.544   | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.091  | 101   | 225183   | 48.102   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.297  | 142   | 209609   | 46.838   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.214  | 59    | 49364    | 93.889   | ug/l # | 100      |
| 12) 1,1-Dichloroethene       | 4.067  | 96    | 200855   | 47.639   | ug/l   | 96       |
| 13) Acrolein                 | 3.914  | 56    | 48191    | 208.473  | ug/l   | 95       |
| 14) Allyl chloride           | 4.714  | 41    | 288199   | 46.517   | ug/l   | 100      |
| 15) Acrylonitrile            | 5.414  | 53    | 229280   | 230.978  | ug/l   | 98       |
| 16) Acetone                  | 4.150  | 43    | 245808   | 296.084  | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.403  | 76    | 661344   | 42.514   | ug/l   | 97       |
| 18) Methyl Acetate           | 4.714  | 43    | 104691   | 45.822   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.479  | 73    | 440158   | 48.309   | ug/l   | 100      |
| 20) Methylene Chloride       | 4.956  | 84    | 261626   | 50.672   | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.467  | 96    | 239709   | 47.761   | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.361  | 45    | 635620   | 47.932   | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.303  | 43    | 1487395  | 242.120  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.256  | 63    | 421434   | 44.916   | ug/l   | 97       |
| 25) 2-Butanone               | 7.208  | 43    | 269159   | 243.555  | ug/l   | 94       |
| 26) 2,2-Dichloropropane      | 7.203  | 77    | 373314   | 49.224   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.208  | 96    | 259145   | 48.067   | ug/l   | 99       |
| 28) Bromochloromethane       | 7.544  | 49    | 167029   | 44.866   | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.555  | 42    | 165356   | 233.087  | ug/l   | 98       |
| 30) Chloroform               | 7.708  | 83    | 445576   | 46.322   | ug/l   | 99       |
| 31) Cyclohexane              | 7.979  | 56    | 373451   | 46.623   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 7.897  | 97    | 385195   | 47.577   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.108  | 75    | 337605   | 51.695   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.291  | 43    | 115717   | 47.385   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.091  | 117   | 346654   | 53.671   | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.349  | 83    | 395463   | 54.204   | ug/l   | 99       |
| 40) Benzene                  | 8.350  | 78    | 968632   | 50.612   | ug/l   | 97       |

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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :  
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Quant Time: Sep 28 04:09:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 03:07:09 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 61870    | 48.153   | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 249082   | 48.593   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 211775   | 46.901   | ug/l   | 100      |
| 44) Trichloroethene           | 9.108  | 130  | 234644   | 51.300   | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 251756   | 50.139   | ug/l   | 93       |
| 46) Dibromomethane            | 9.473  | 93   | 127598   | 49.349   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.655  | 83   | 329796   | 49.997   | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.449  | 41   | 102240   | 49.040   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 27976    | 1080.258 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 589875   | 252.459  | ug/l   | 99       |
| 52) Toluene                   | 10.396 | 92   | 620502   | 53.659   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 294986   | 51.987   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 353998   | 51.263   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.796 | 97   | 179123   | 50.358   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 206636   | 53.216   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 308010   | 50.863   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 528007   | 282.126  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.979 | 43   | 444131   | 284.897  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.132 | 129  | 211045   | 50.983   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 164041   | 50.147   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.873 | 164  | 188839   | 53.620   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.661 | 112  | 629193   | 52.506   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 233949   | 53.305   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.738 | 91   | 1149453  | 55.619   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.849 | 106  | 921635   | 115.467  | ug/l   | 99       |
| 69) o-Xylene                  | 12.173 | 106  | 401340   | 56.126   | ug/l   | 95       |
| 70) Styrene                   | 12.185 | 104  | 733653   | 58.732   | ug/l   | 100      |
| 71) Bromoform                 | 12.349 | 173  | 112174   | 51.713   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 1098868  | 56.381   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 207725   | 48.916   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 200151   | 47.948   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 256483   | 91.238   | ug/l # | 1        |
| 77) Bromobenzene              | 12.755 | 156  | 229133   | 50.957   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.814 | 91   | 1408516  | 55.681   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 792070   | 53.719   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 943212   | 56.074   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 60750    | 54.147   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 832605   | 53.526   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 767191   | 56.869   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 942108   | 56.876   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 1226653  | 57.203   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 1004960  | 58.328   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 490597   | 52.405   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 478454   | 50.917   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.832 | 91   | 962689   | 56.042   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.102 | 117  | 201898   | 51.190   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 418259   | 50.637   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 29801    | 47.669   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 233938   | 52.447   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 142901   | 52.231   | ug/l   | 99       |
| 95) Naphthalene               | 15.384 | 128  | 429183   | 52.944   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 202130   | 51.361   | ug/l   | 98       |

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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 09 03:07:09 2021  
Response via : Initial Calibration

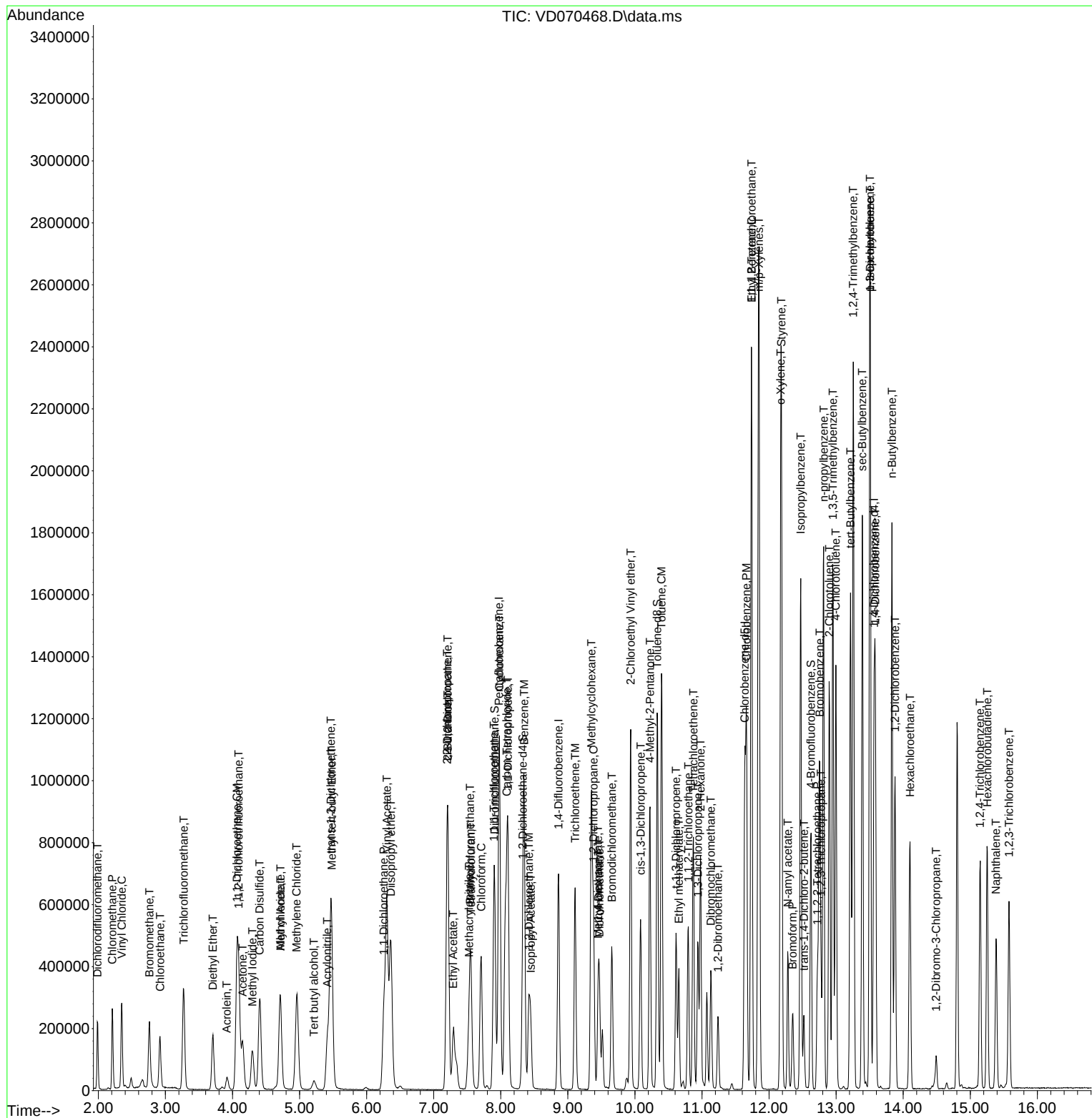
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

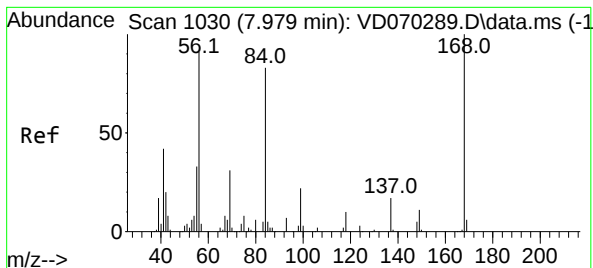
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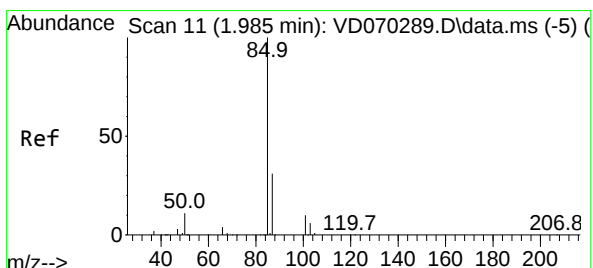
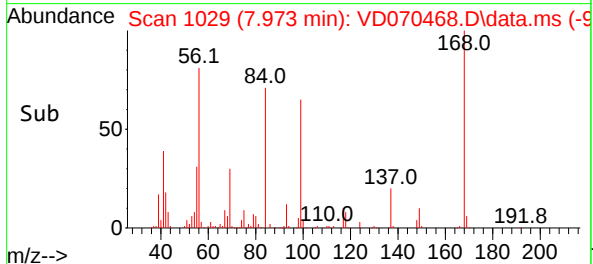
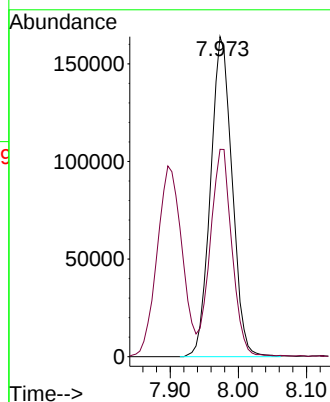
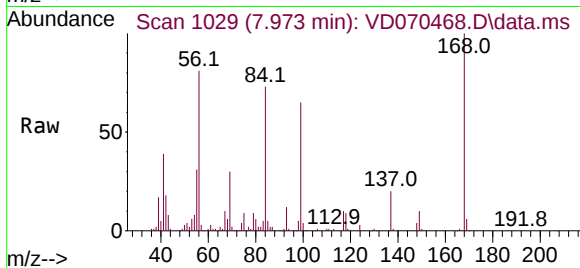




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

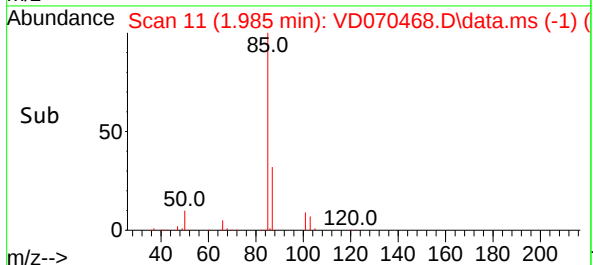
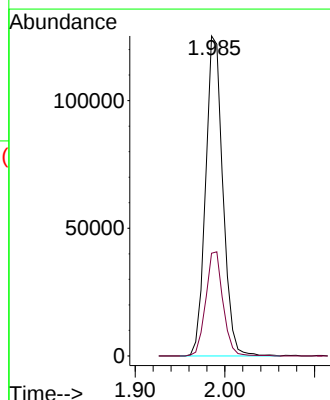
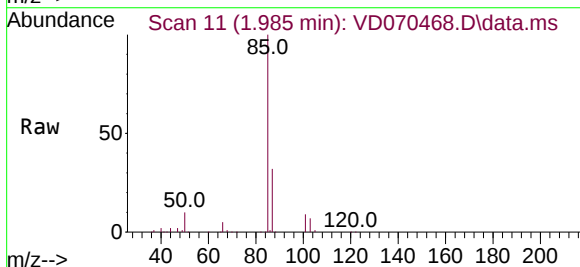
Instrument :  
MSVOA\_D  
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VSTDCCC050

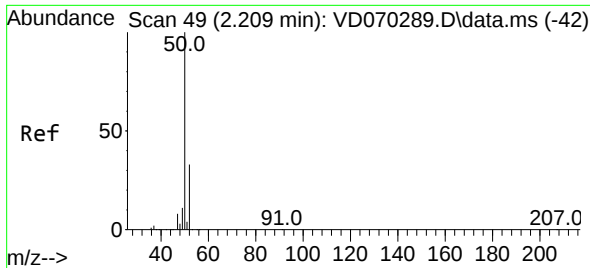
Tgt Ion:168 Resp: 362147  
Ion Ratio Lower Upper  
168 100  
99 64.4 50.8 76.2



#2  
Dichlorodifluoromethane  
Concen: 45.772 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 85 Resp: 167073  
Ion Ratio Lower Upper  
85 100  
87 32.1 15.6 46.8

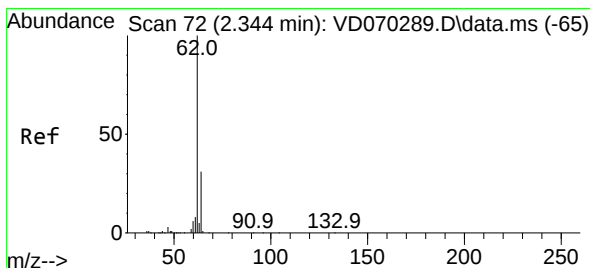
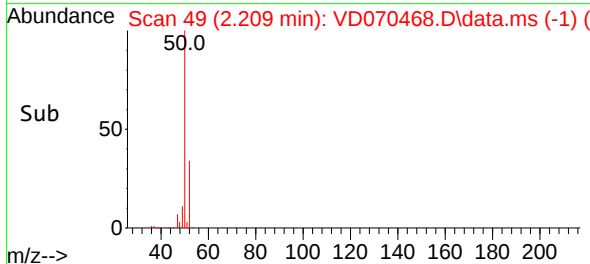
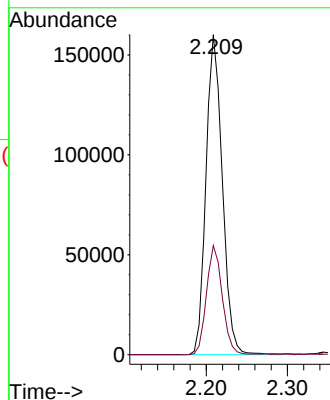
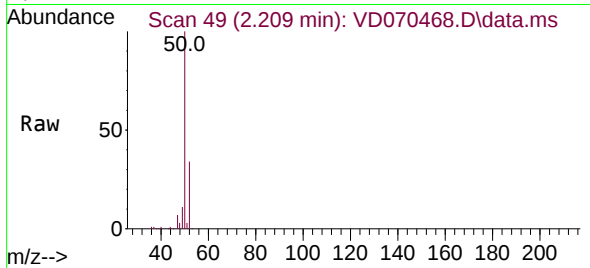




#3  
Chloromethane  
Concen: 45.233 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

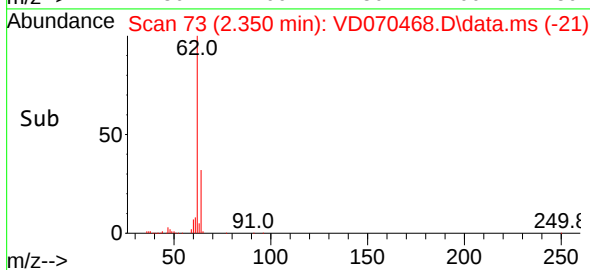
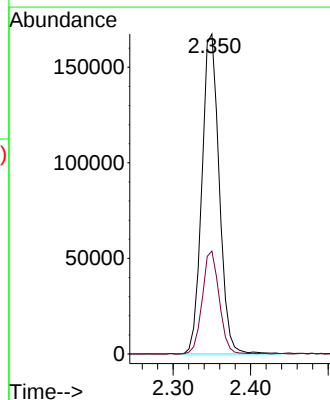
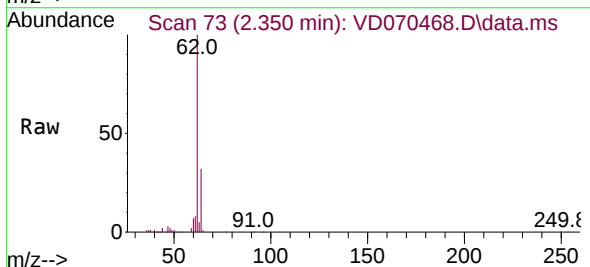
Instrument :  
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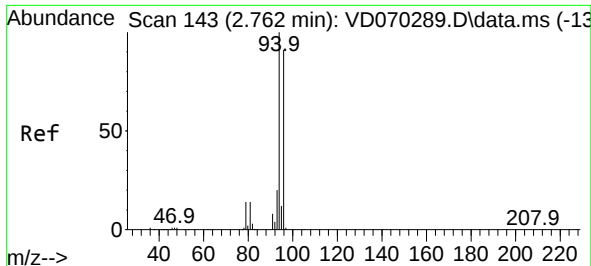
Tgt Ion: 50 Resp: 223486  
Ion Ratio Lower Upper  
50 100  
52 34.1 26.2 39.2



#4  
Vinyl Chloride  
Concen: 45.675 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. 0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 62 Resp: 260252  
Ion Ratio Lower Upper  
62 100  
64 32.2 24.6 36.8

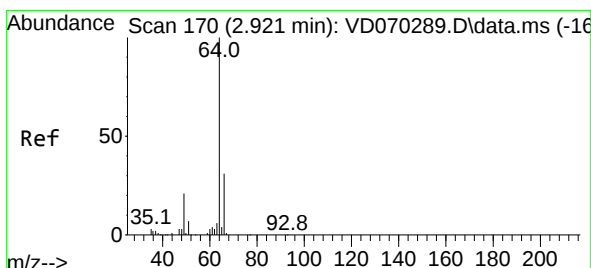
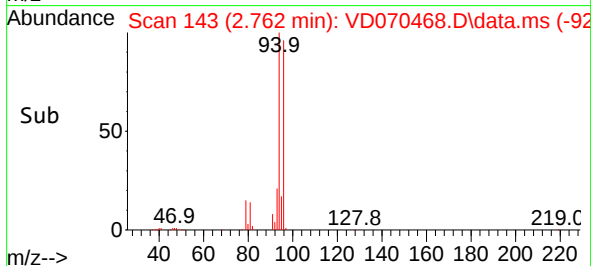
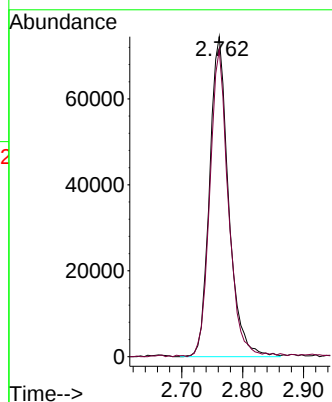
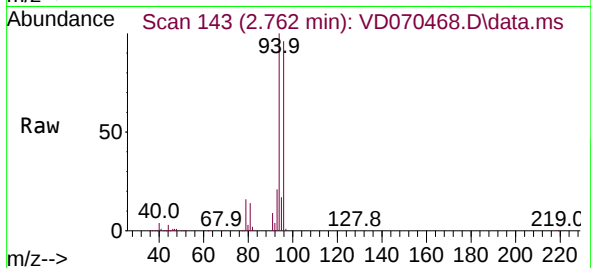




#5  
Bromomethane  
Concen: 46.382 ug/l  
RT: 2.762 min Scan# 143  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

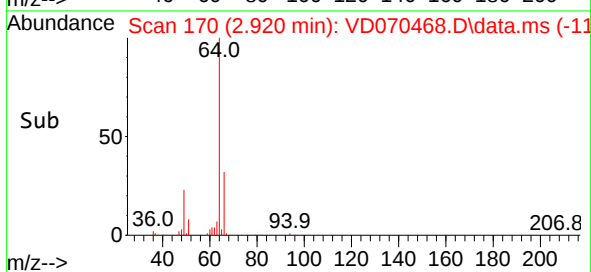
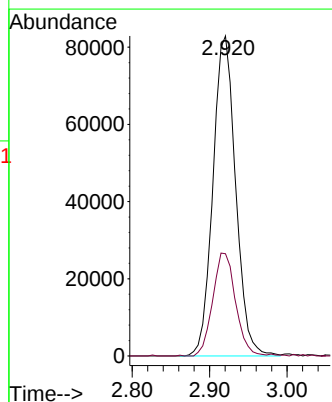
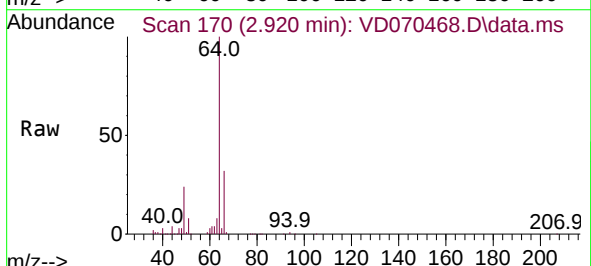
Instrument :  
MSVOA\_D  
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VSTDCCC050

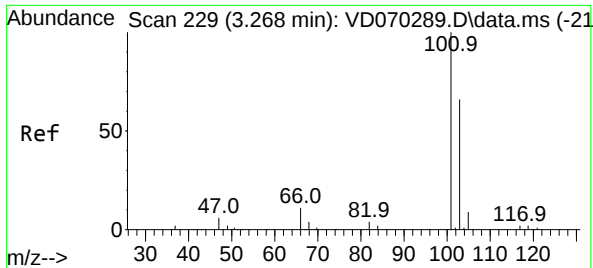
Tgt Ion: 94 Resp: 161781  
Ion Ratio Lower Upper  
94 100  
96 95.5 73.0 109.6



#6  
Chloroethane  
Concen: 48.925 ug/l  
RT: 2.920 min Scan# 170  
Delta R.T. -0.001 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 64 Resp: 169028  
Ion Ratio Lower Upper  
64 100  
66 31.7 25.0 37.4

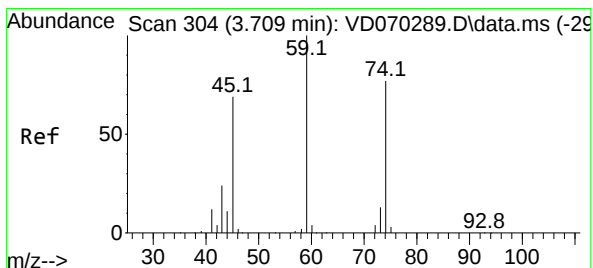
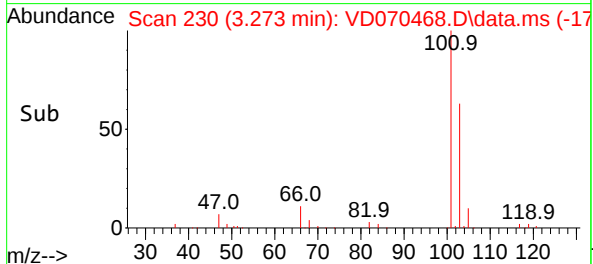
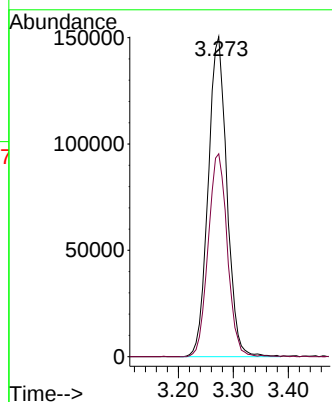
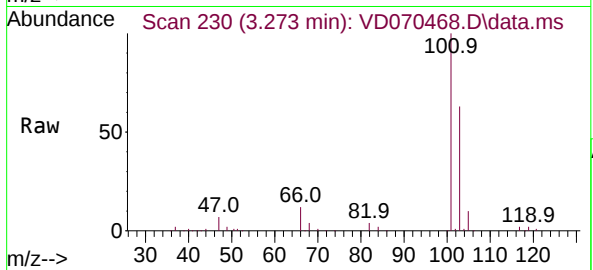




#7  
 Trichlorofluoromethane  
 Concen: 47.153 ug/l  
 RT: 3.273 min Scan# 230  
 Delta R.T. 0.006 min  
 Lab File: VD070468.D  
 Acq: 27 Sep 2021 10:47

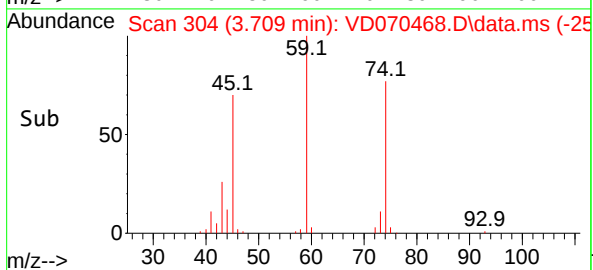
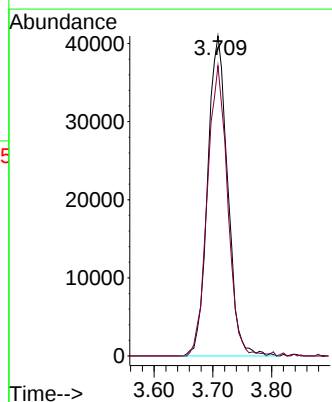
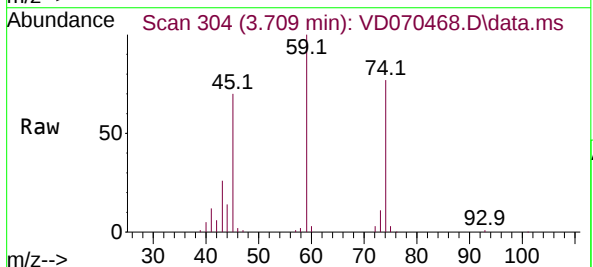
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

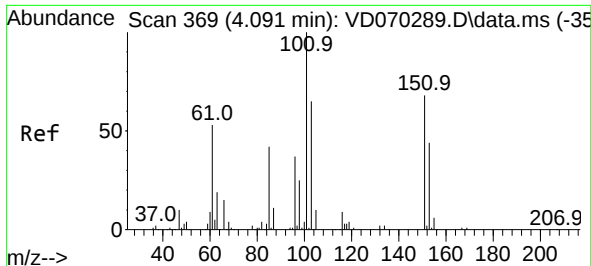
Tgt Ion:101 Resp: 355363  
 Ion Ratio Lower Upper  
 101 100  
 103 63.4 53.0 79.6



#8  
 Diethyl Ether  
 Concen: 46.544 ug/l  
 RT: 3.709 min Scan# 304  
 Delta R.T. -0.000 min  
 Lab File: VD070468.D  
 Acq: 27 Sep 2021 10:47

Tgt Ion: 74 Resp: 96969  
 Ion Ratio Lower Upper  
 74 100  
 45 91.8 44.5 133.5

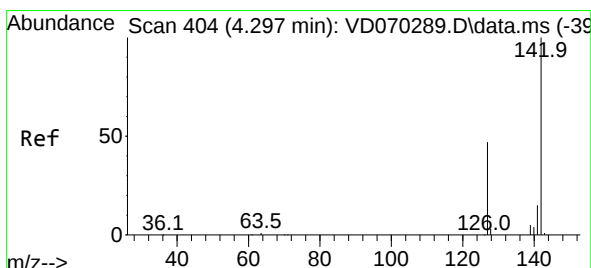
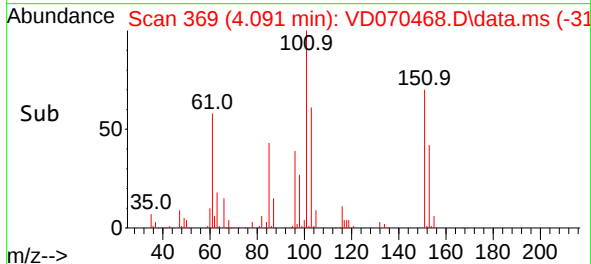
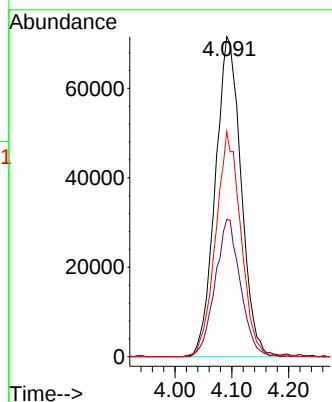
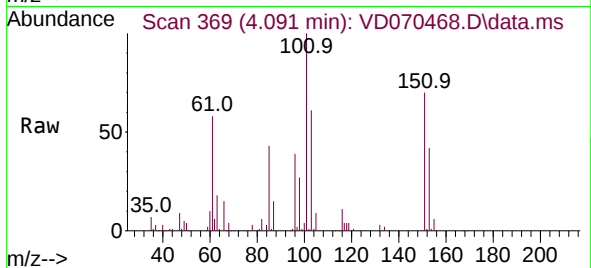




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.102 ug/l  
RT: 4.091 min Scan# 369  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

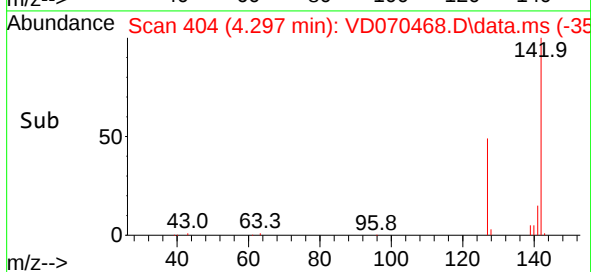
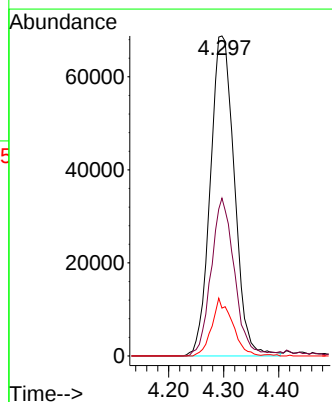
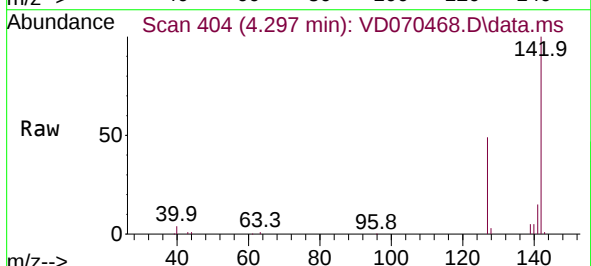
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

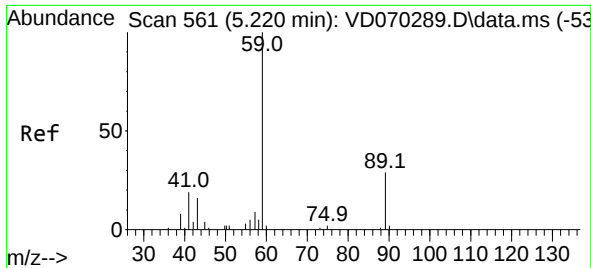
Tgt Ion:101 Resp: 225183  
Ion Ratio Lower Upper  
101 100  
85 42.1 33.8 50.8  
151 68.6 55.8 83.6



#10  
Methyl Iodide  
Concen: 46.838 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion:142 Resp: 209609  
Ion Ratio Lower Upper  
142 100  
127 47.8 36.9 55.3  
141 15.4 11.8 17.6

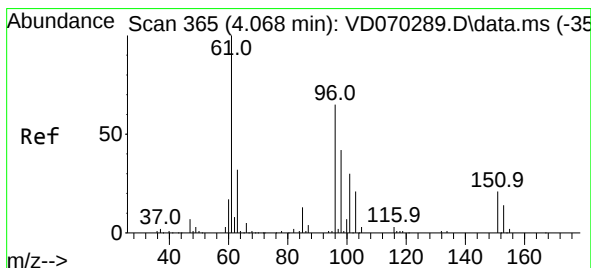
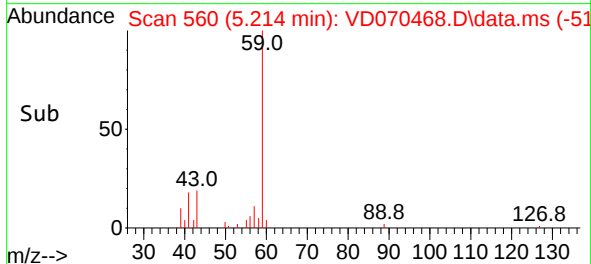
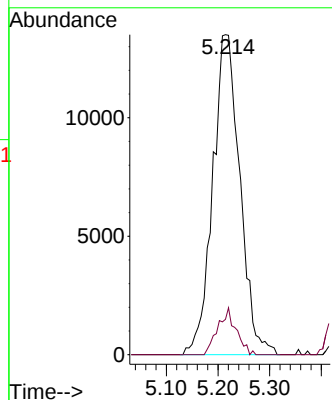
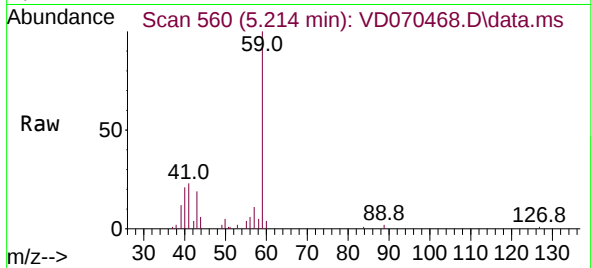




#11  
Tert butyl alcohol  
Concen: 93.889 ug/l  
RT: 5.214 min Scan# 560  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

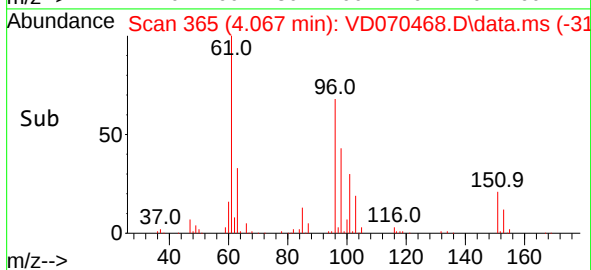
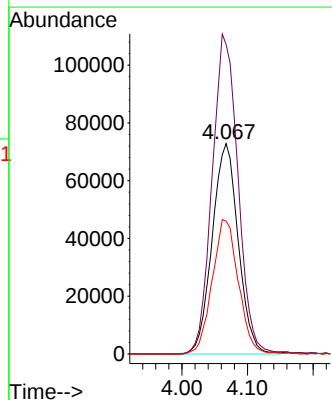
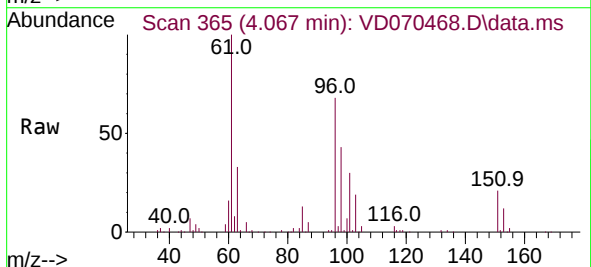
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

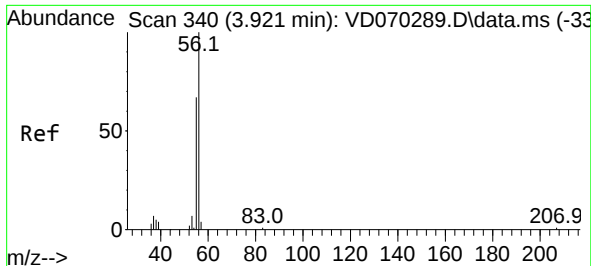
Tgt Ion: 59 Resp: 49364  
Ion Ratio Lower Upper  
59 100  
57 9.8 0.0 0.0#



#12  
1,1-Dichloroethene  
Concen: 47.639 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 96 Resp: 200855  
Ion Ratio Lower Upper  
96 100  
61 147.1 123.2 184.8  
98 63.2 51.9 77.9

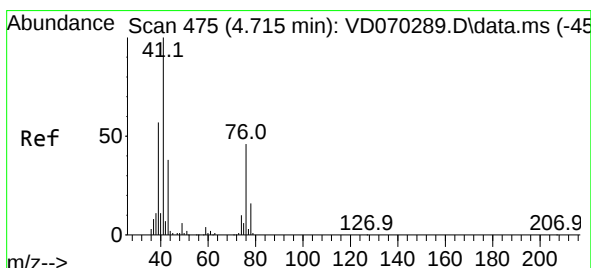
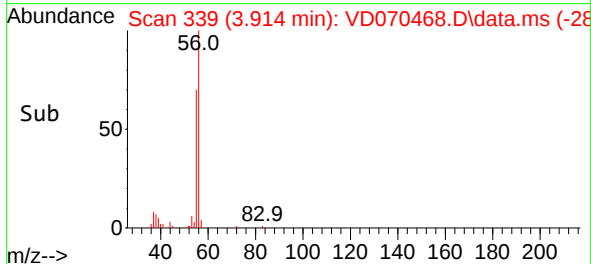
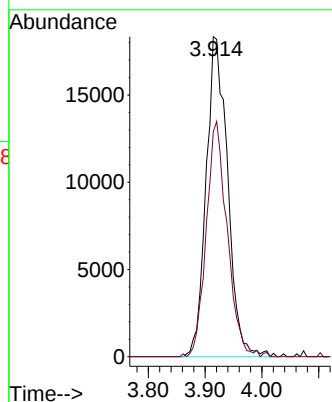
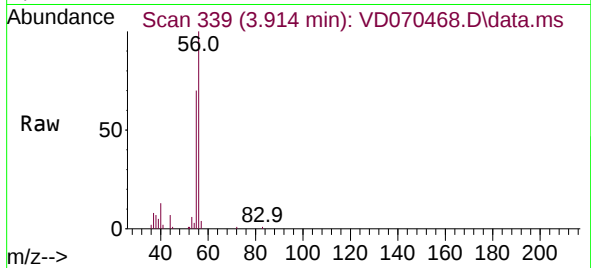




#13  
Acrolein  
Concen: 208.473 ug/l  
RT: 3.914 min Scan# 339  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

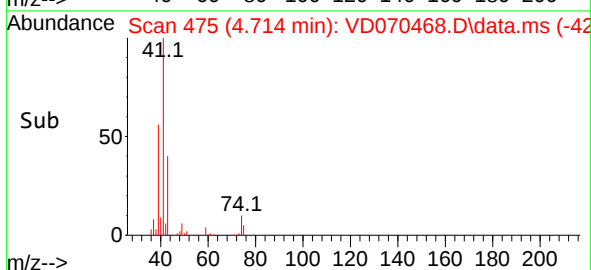
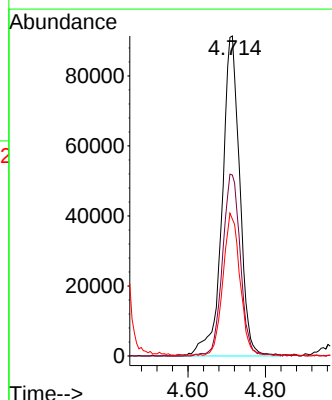
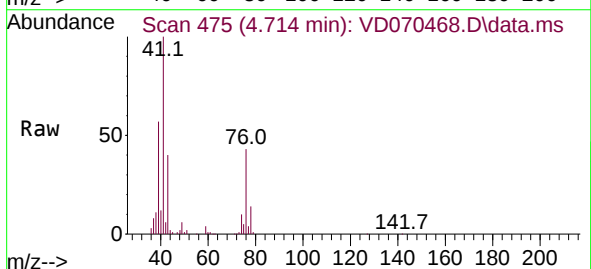
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

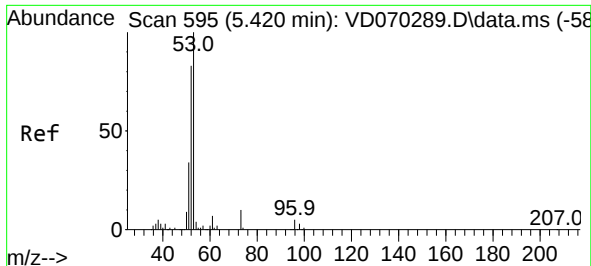
Tgt Ion: 56 Resp: 48191  
Ion Ratio Lower Upper  
56 100  
55 71.7 54.2 81.2



#14  
Allyl chloride  
Concen: 46.517 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 41 Resp: 288199  
Ion Ratio Lower Upper  
41 100  
39 57.3 46.2 69.4  
76 42.8 34.1 51.1

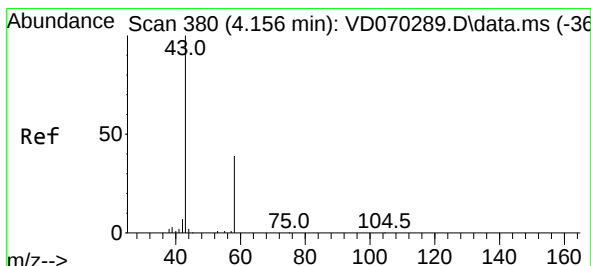
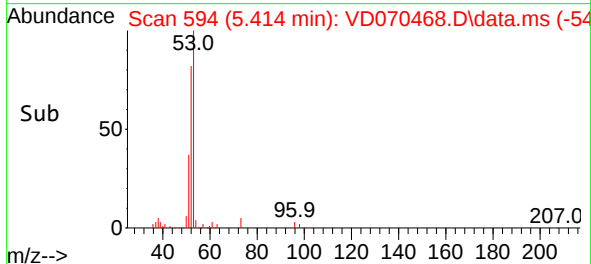
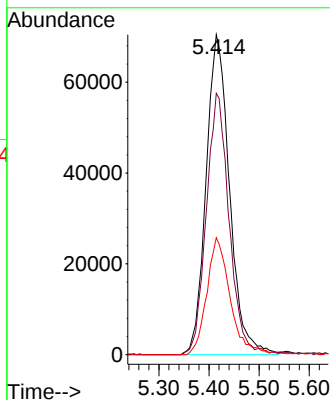
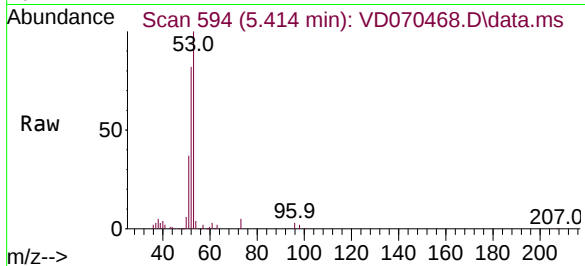




#15  
Acrylonitrile  
Concen: 230.978 ug/l  
RT: 5.414 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

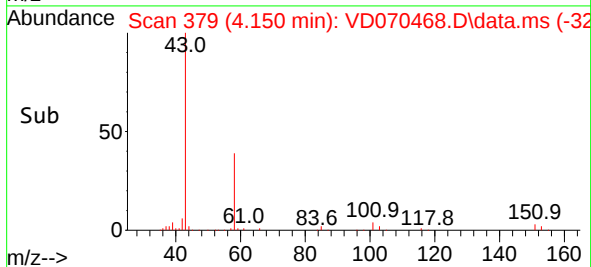
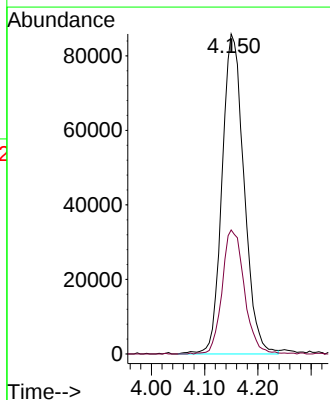
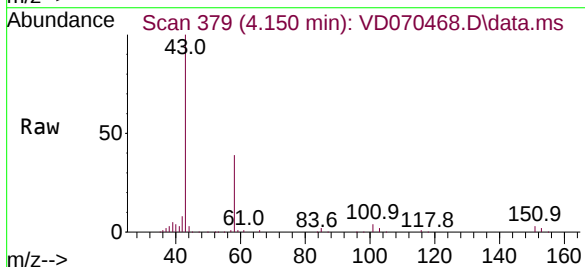
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

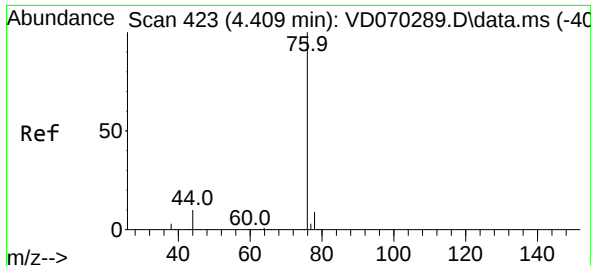
Tgt Ion: 53 Resp: 229280  
Ion Ratio Lower Upper  
53 100  
52 79.3 64.6 97.0  
51 36.6 27.8 41.8



#16  
Acetone  
Concen: 296.084 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 43 Resp: 245808  
Ion Ratio Lower Upper  
43 100  
58 38.7 30.9 46.3

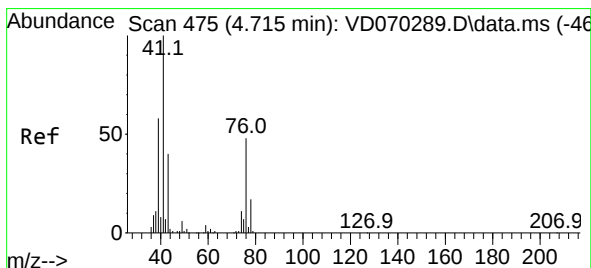
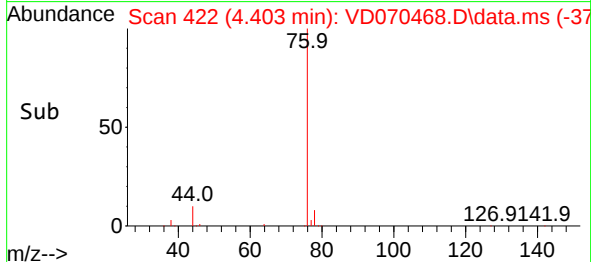
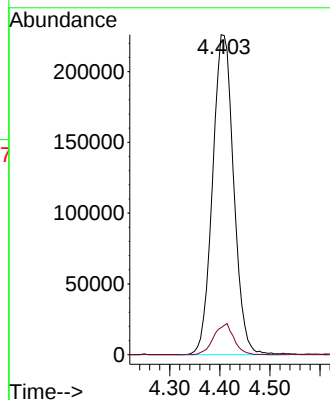
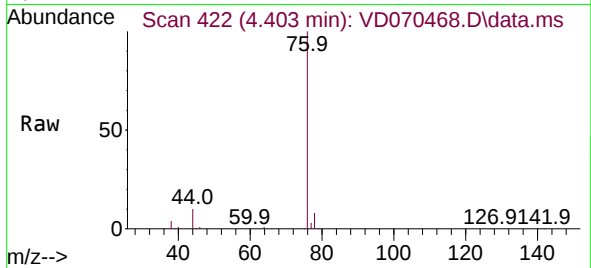




#17  
Carbon Disulfide  
Concen: 42.514 ug/l  
RT: 4.403 min Scan# 422  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

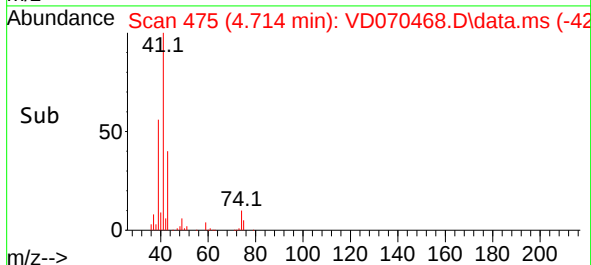
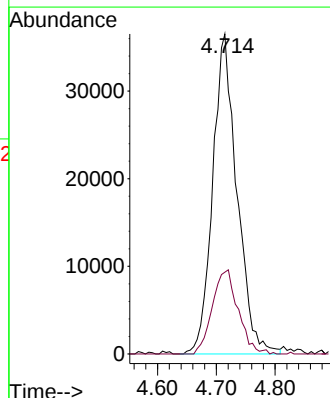
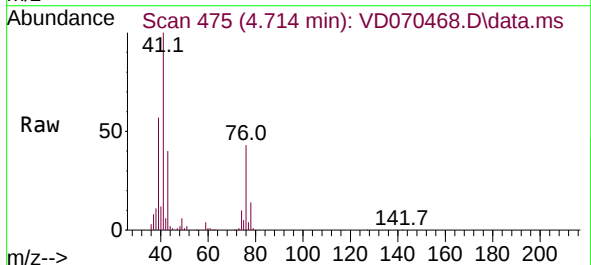
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

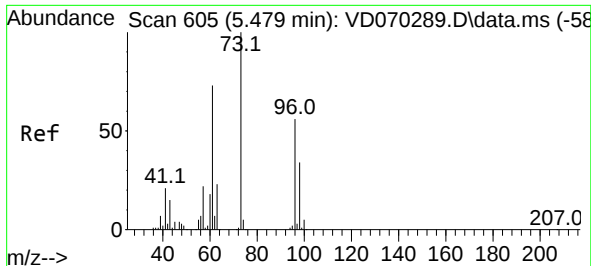
Tgt Ion: 76 Resp: 661344  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.5 11.3



#18  
Methyl Acetate  
Concen: 45.822 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.001 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 43 Resp: 104691  
Ion Ratio Lower Upper  
43 100  
74 27.9 21.6 32.4

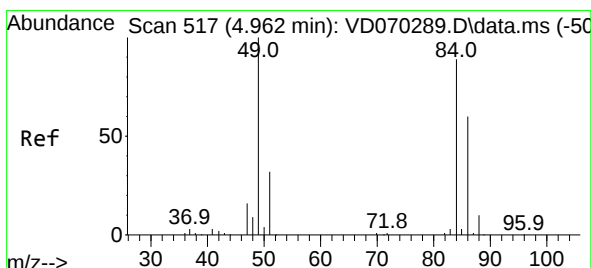
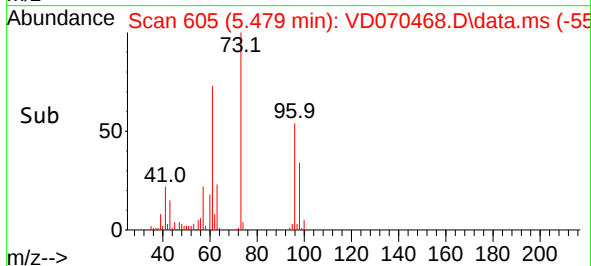
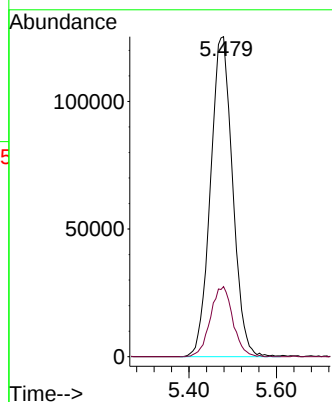
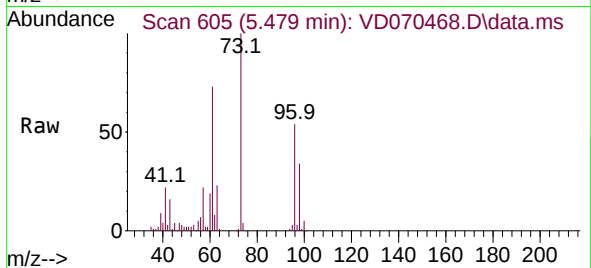




#19  
Methyl tert-butyl Ether  
Concen: 48.309 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

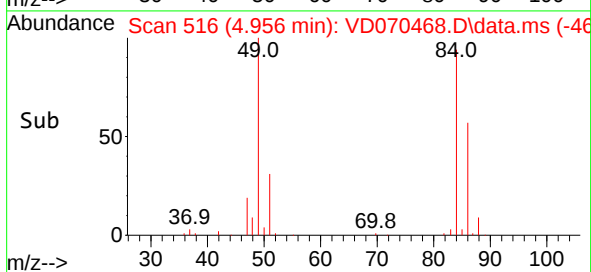
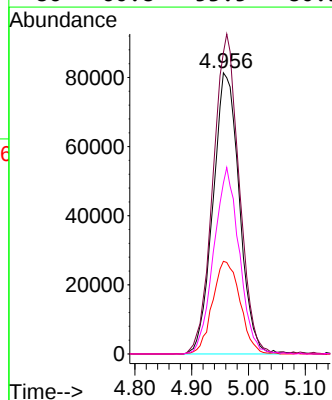
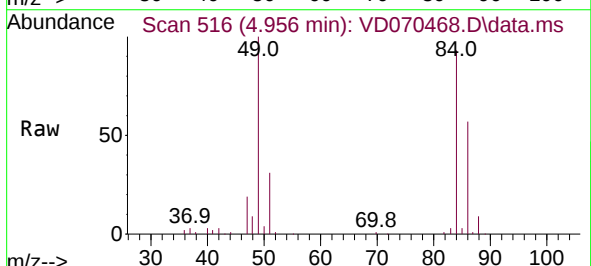
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

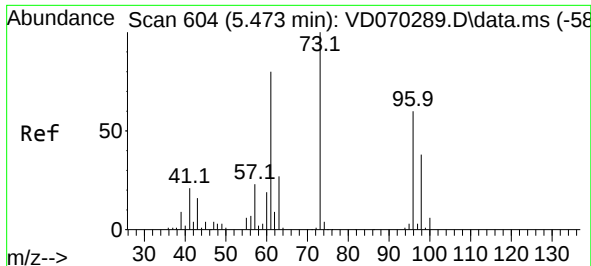
Tgt Ion: 73 Resp: 440158  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.7 26.5



#20  
Methylene Chloride  
Concen: 50.672 ug/l  
RT: 4.956 min Scan# 516  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 84 Resp: 261626  
Ion Ratio Lower Upper  
84 100  
49 107.1 89.6 134.4  
51 33.0 28.6 43.0  
86 60.8 53.5 80.3

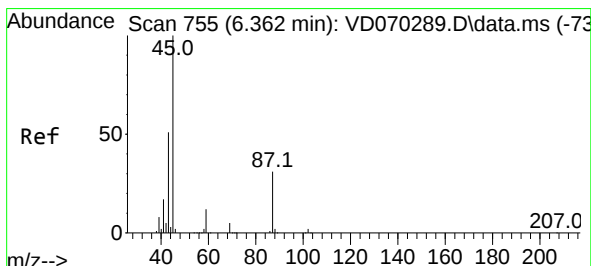
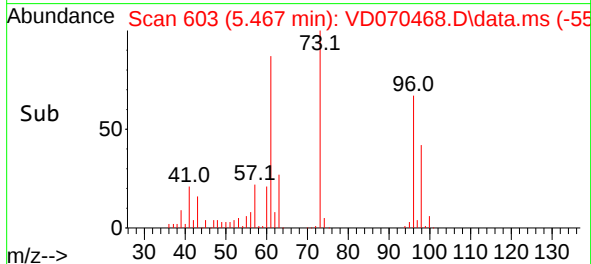
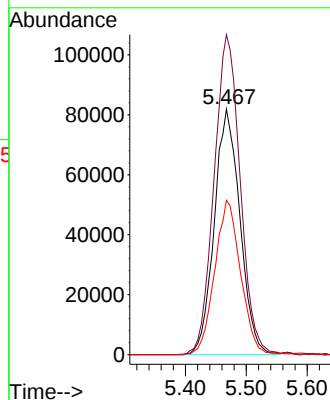
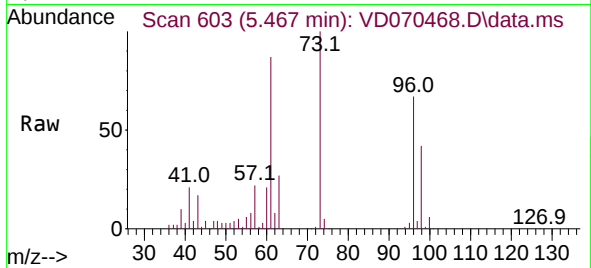




#21  
trans-1,2-Dichloroethene  
Concen: 47.761 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

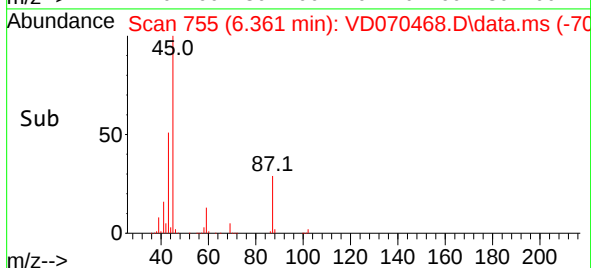
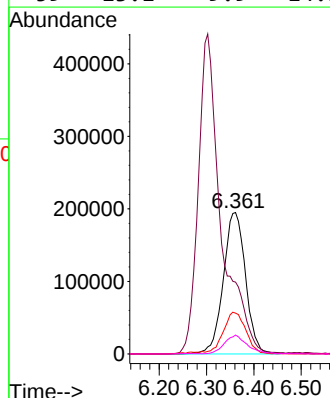
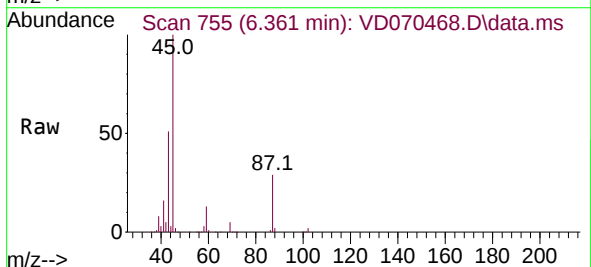
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

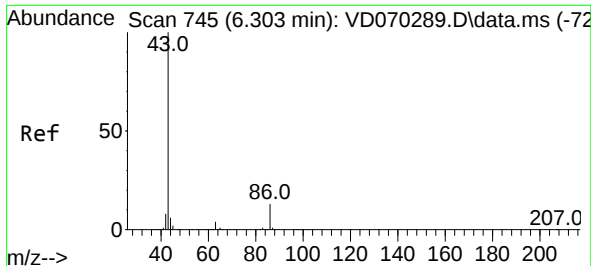
Tgt Ion: 96 Resp: 239709  
Ion Ratio Lower Upper  
96 100  
61 130.0 106.0 159.0  
98 62.8 50.5 75.7



#22  
Diisopropyl ether  
Concen: 47.932 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 45 Resp: 635620  
Ion Ratio Lower Upper  
45 100  
43 49.8 41.1 61.7  
87 28.6 24.6 36.8  
59 13.1 9.9 14.9

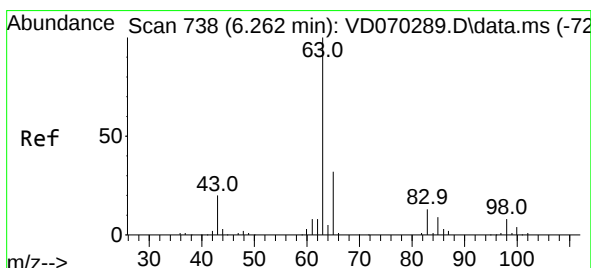
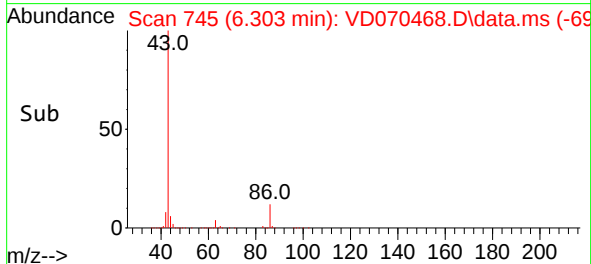
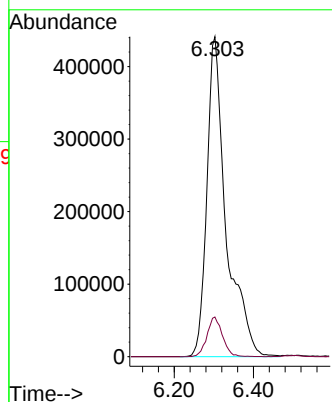
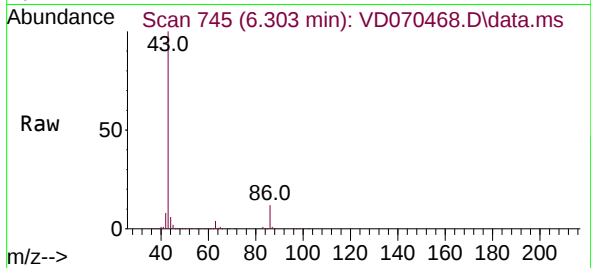




#23  
 Vinyl Acetate  
 Concen: 242.120 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD070468.D  
 Acq: 27 Sep 2021 10:47

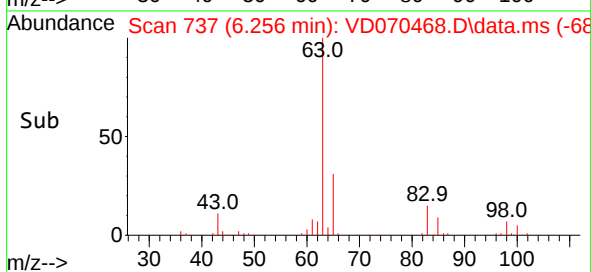
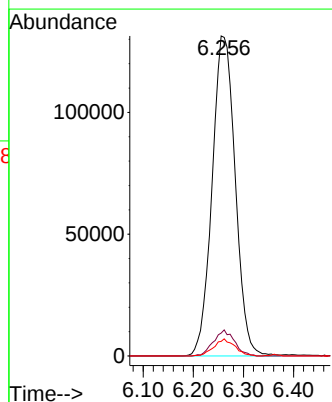
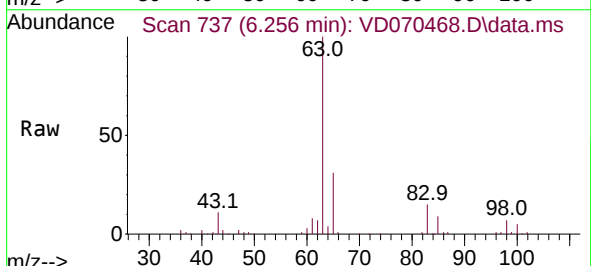
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

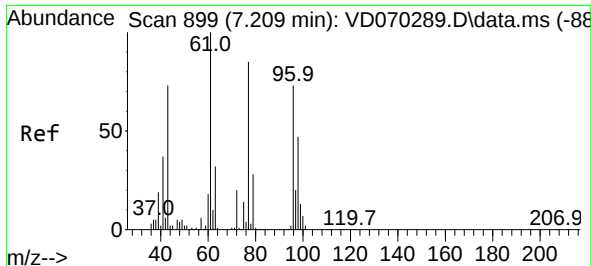
Tgt Ion: 43 Resp: 1487395  
 Ion Ratio Lower Upper  
 43 100  
 86 12.4 10.2 15.4



#24  
 1,1-Dichloroethane  
 Concen: 44.916 ug/l  
 RT: 6.256 min Scan# 737  
 Delta R.T. -0.006 min  
 Lab File: VD070468.D  
 Acq: 27 Sep 2021 10:47

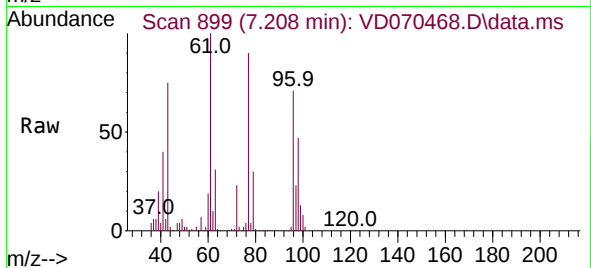
Tgt Ion: 63 Resp: 421434  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 4.2 12.4  
 100 4.6 2.0 5.8



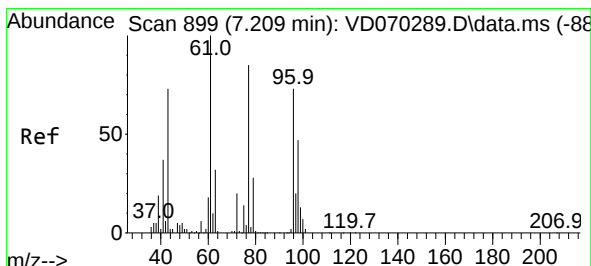
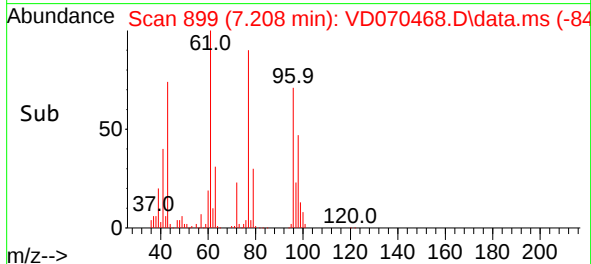
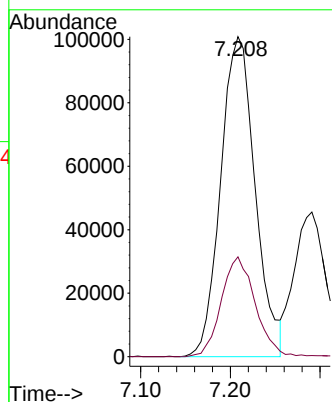


#25  
2-Butanone  
Concen: 243.555 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

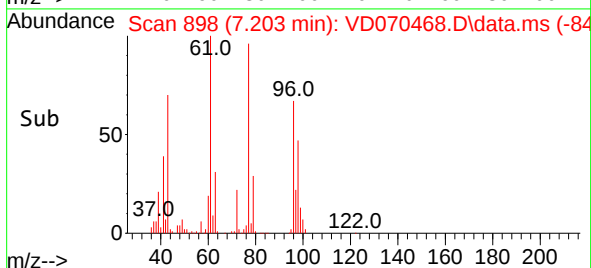
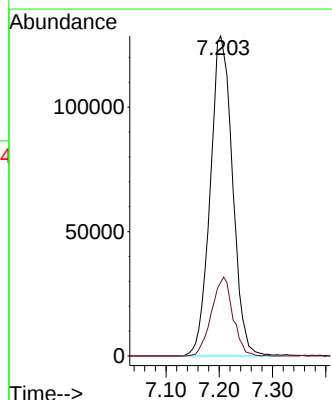
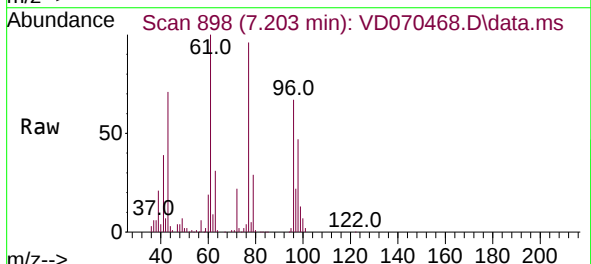


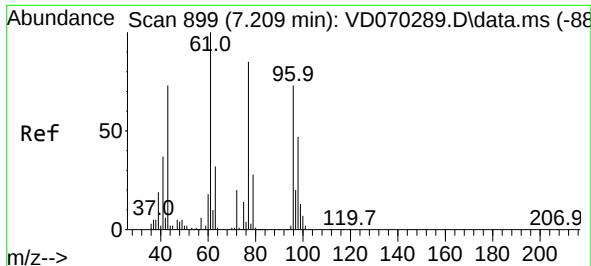
Tgt Ion: 43 Resp: 269159  
Ion Ratio Lower Upper  
43 100  
72 31.2 22.2 33.4



#26  
2,2-Dichloropropane  
Concen: 49.224 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

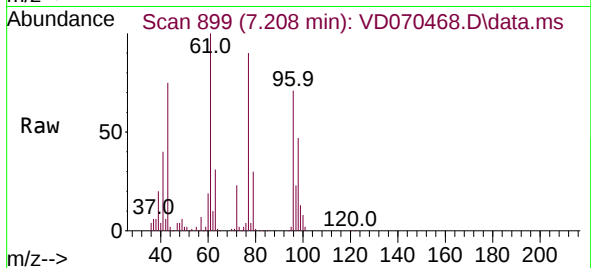
Tgt Ion: 77 Resp: 373314  
Ion Ratio Lower Upper  
77 100  
97 23.7 11.9 35.9



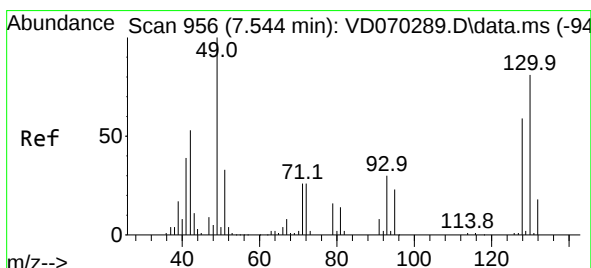
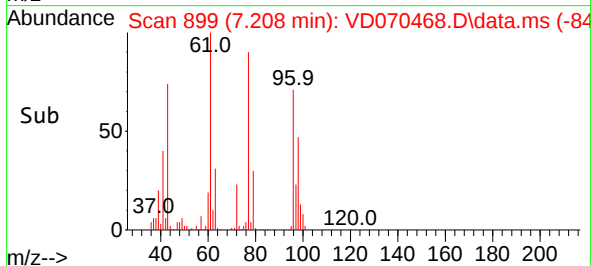
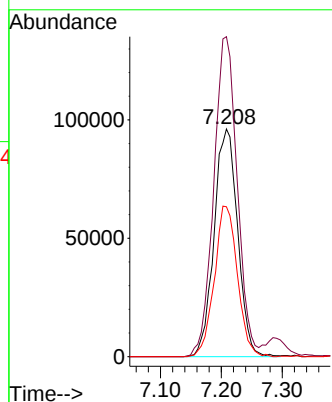


#27  
 cis-1,2-Dichloroethene  
 Concen: 48.067 ug/l  
 RT: 7.208 min Scan# 899  
 Delta R.T. -0.000 min  
 Lab File: VD070468.D  
 Acq: 27 Sep 2021 10:47

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

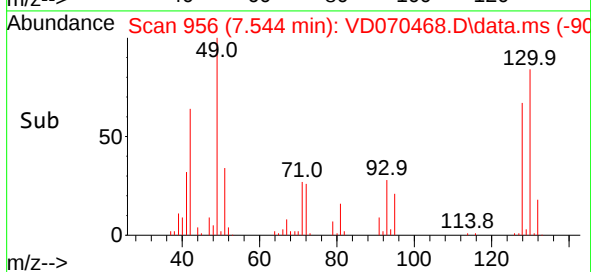
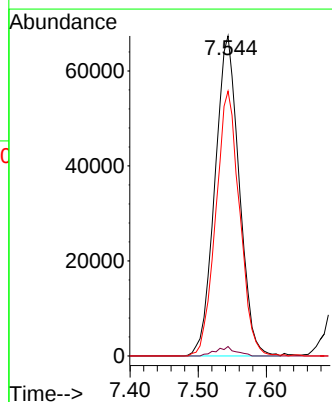
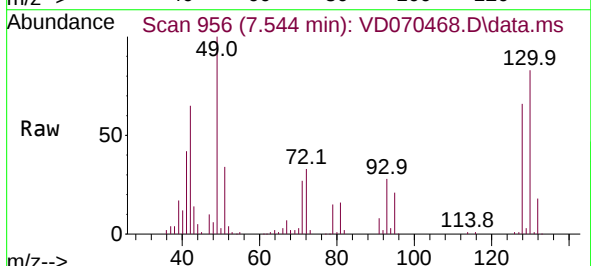


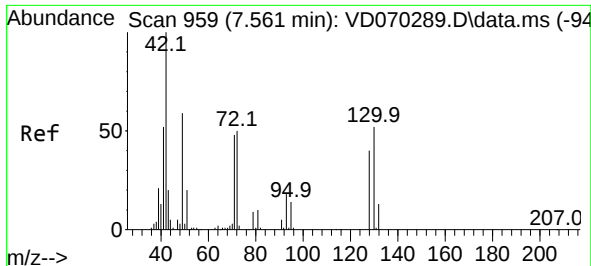
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 259145 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 139.5 | 0.0   | 277.4  |
| 98       | 64.6  | 0.0   | 130.0  |



#28  
 Bromochloromethane  
 Concen: 44.866 ug/l  
 RT: 7.544 min Scan# 956  
 Delta R.T. -0.000 min  
 Lab File: VD070468.D  
 Acq: 27 Sep 2021 10:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 167029 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 2.4   | 0.0   | 4.4    |
| 130      | 81.2  | 65.0  | 97.6   |





#29

Tetrahydrofuran

Concen: 233.087 ug/l

RT: 7.555 min Scan# 958

Delta R.T. -0.006 min

Lab File: VD070468.D

Acq: 27 Sep 2021 10:47

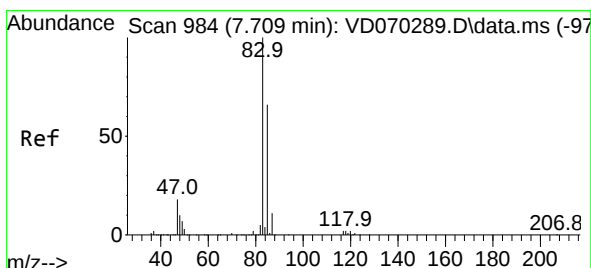
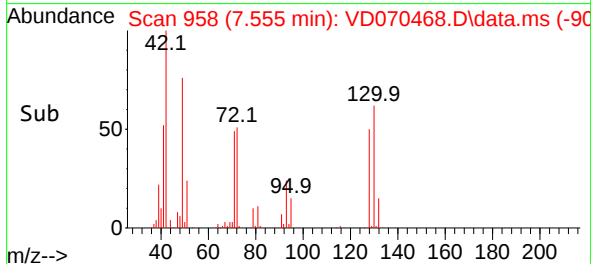
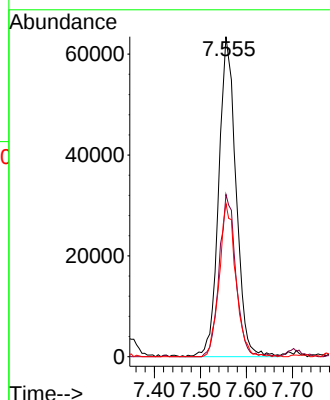
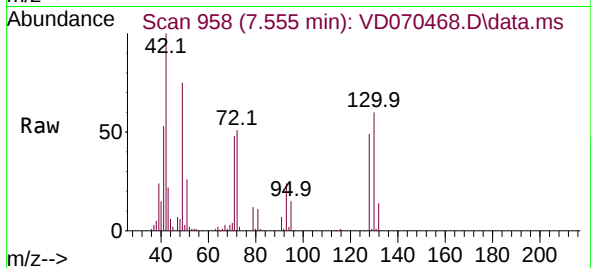
Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 165356 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 48.2  | 38.8  | 58.2   |
| 71       | 45.5  | 37.8  | 56.6   |



#30

Chloroform

Concen: 46.322 ug/l

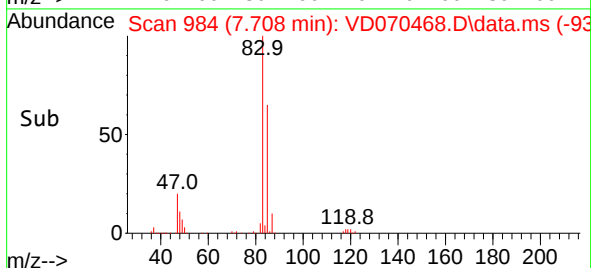
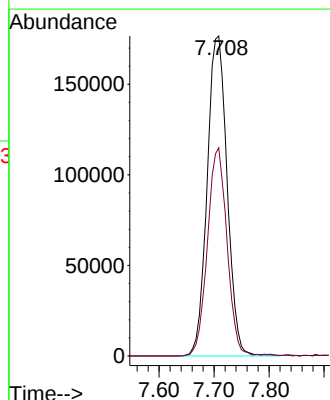
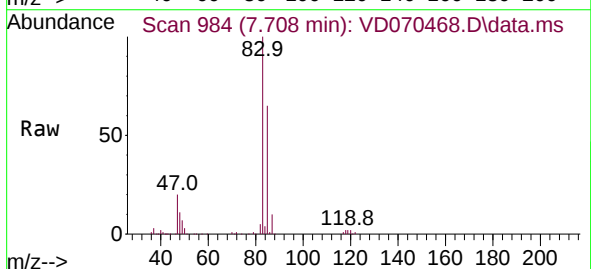
RT: 7.708 min Scan# 984

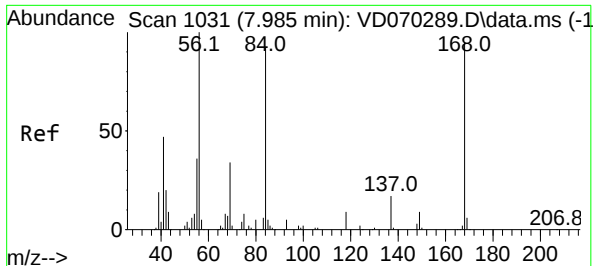
Delta R.T. -0.000 min

Lab File: VD070468.D

Acq: 27 Sep 2021 10:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 445576 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.1  | 52.5  | 78.7   |

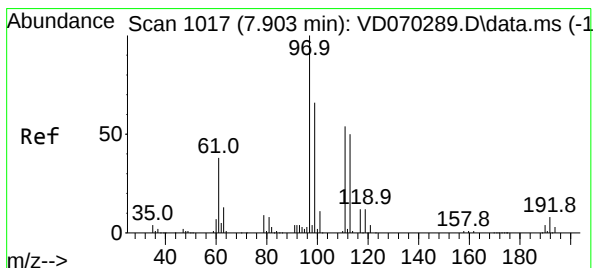
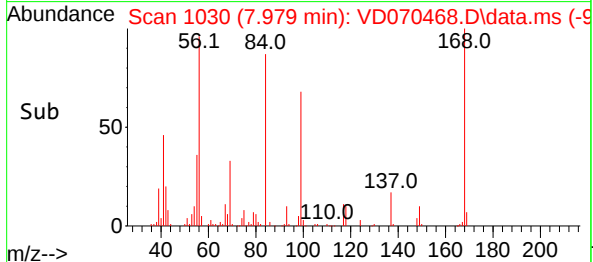
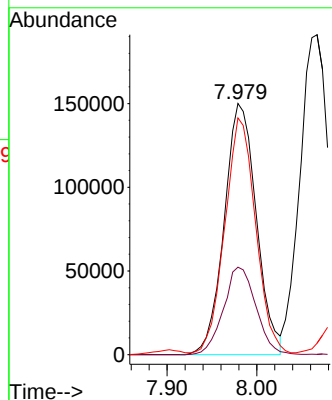
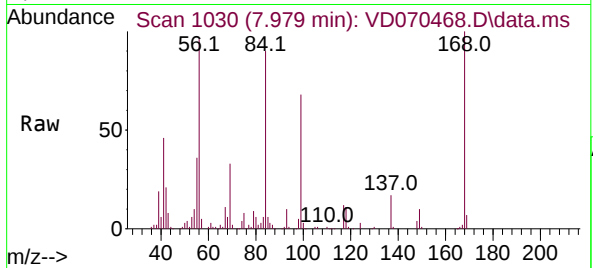




#31  
Cyclohexane  
Concen: 46.623 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

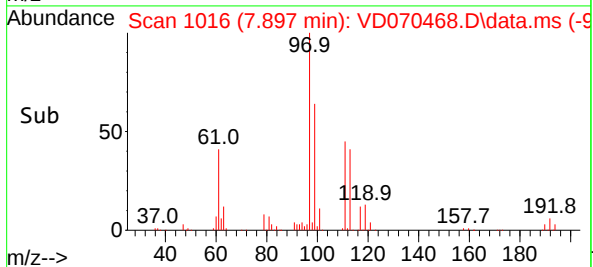
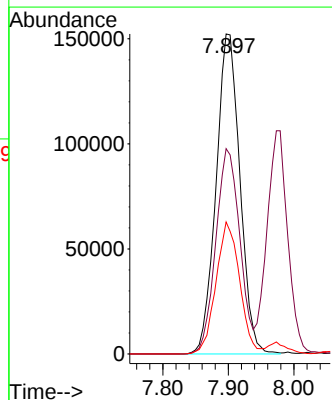
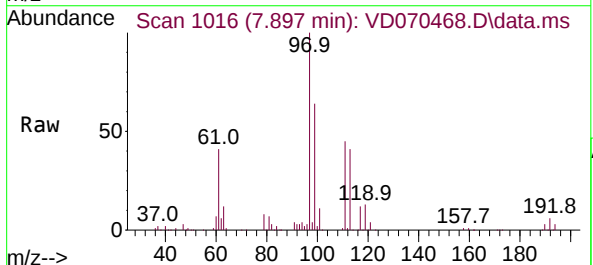
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

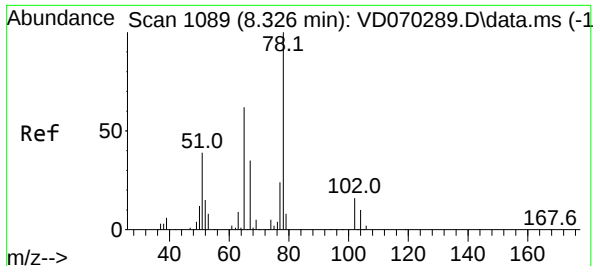
Tgt Ion: 56 Resp: 373451  
Ion Ratio Lower Upper  
56 100  
69 34.8 26.9 40.3  
84 93.0 73.6 110.4



#32  
1,1,1-Trichloroethane  
Concen: 47.577 ug/l  
RT: 7.897 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 97 Resp: 385195  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.1 76.7  
61 40.7 31.4 47.0

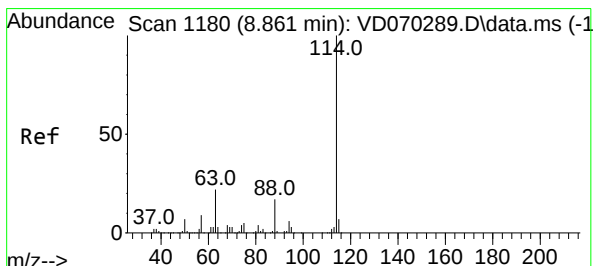
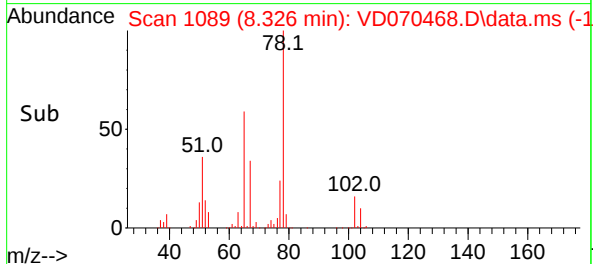
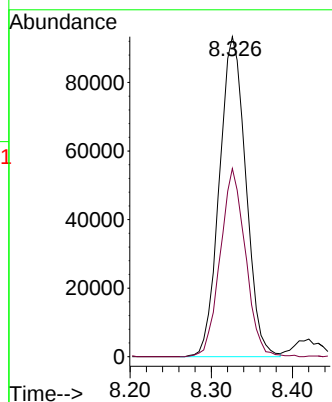
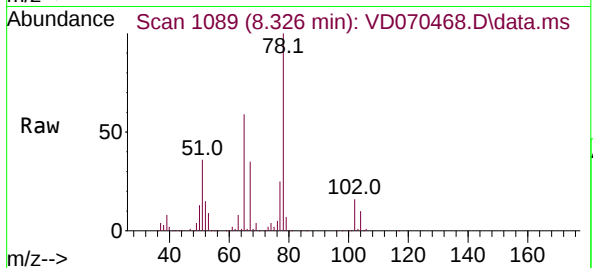




#33  
1,2-Dichloroethane-d4  
Concen: 45.444 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

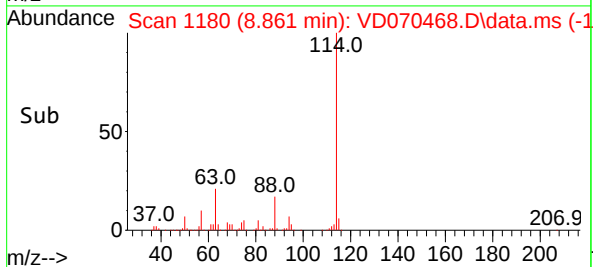
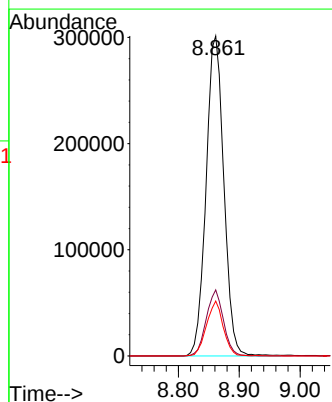
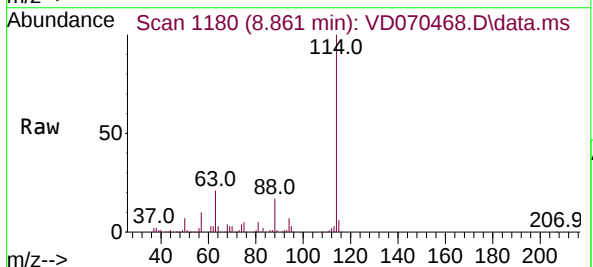
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

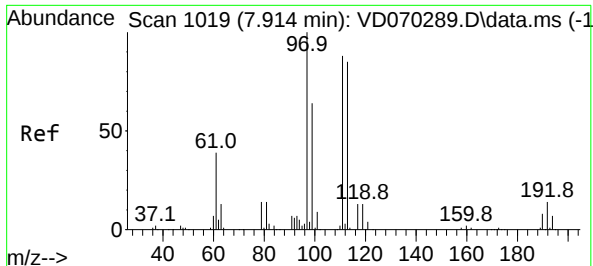
Tgt Ion: 65 Resp: 211318  
Ion Ratio Lower Upper  
65 100  
67 56.0 0.0 111.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 114 Resp: 610990  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 43.4  
88 17.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.732 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070468.D

Acq: 27 Sep 2021 10:47

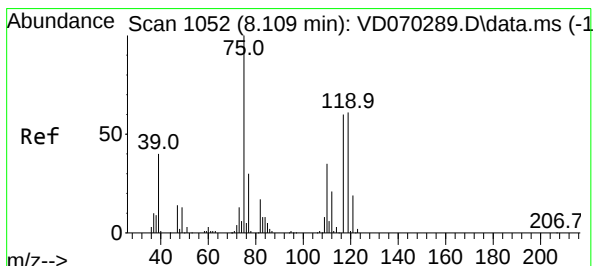
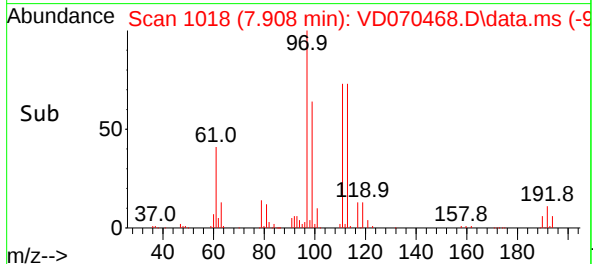
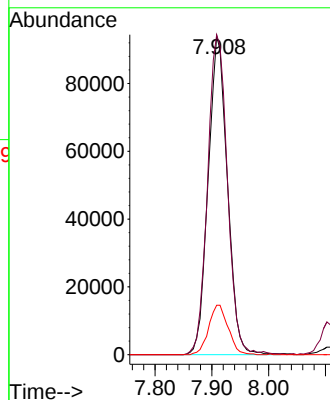
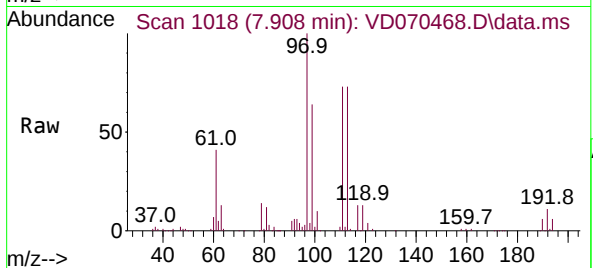
Tgt Ion:113 Resp: 220639

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.2

192 15.8 13.0 19.6



#36

1,1-Dichloropropene

Concen: 51.695 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD070468.D

Acq: 27 Sep 2021 10:47

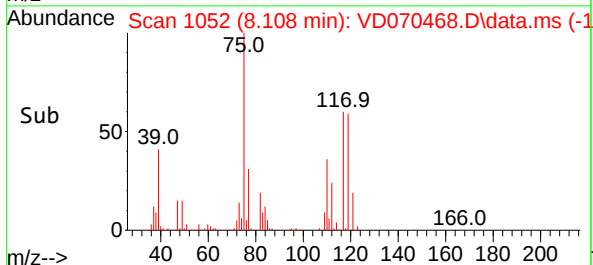
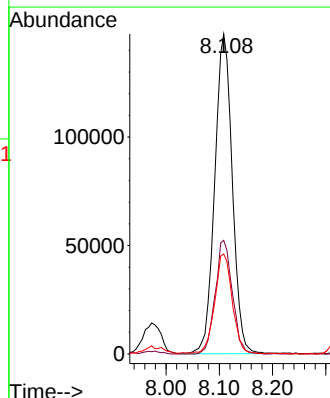
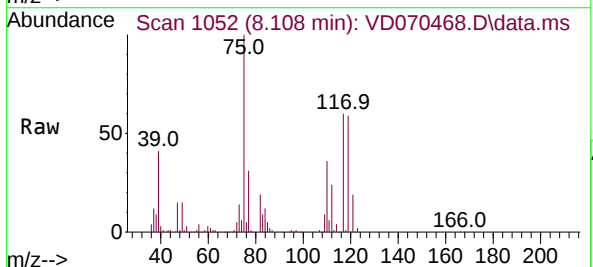
Tgt Ion: 75 Resp: 337605

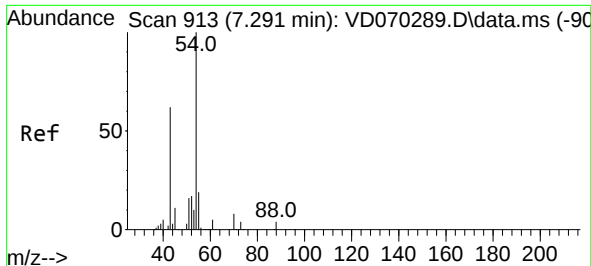
Ion Ratio Lower Upper

75 100

110 34.6 17.9 53.7

77 31.4 25.3 37.9

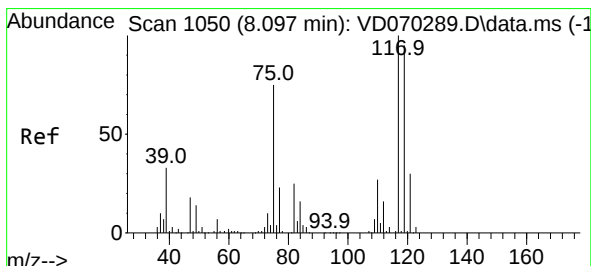
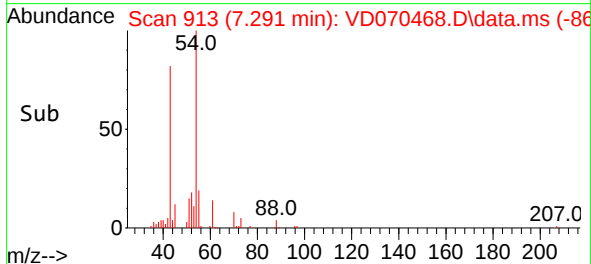
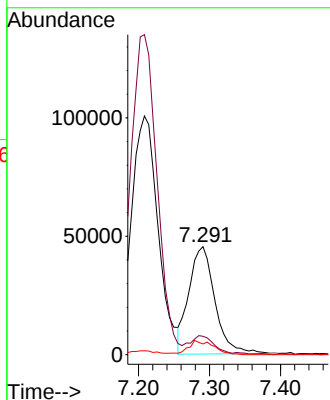
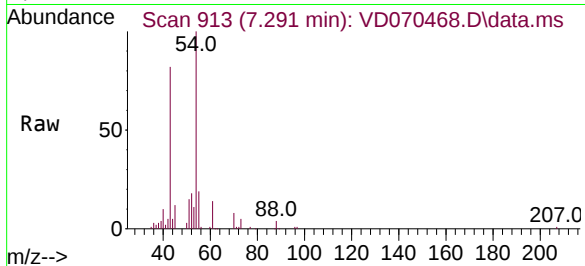




#37  
Ethyl Acetate  
Concen: 47.385 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

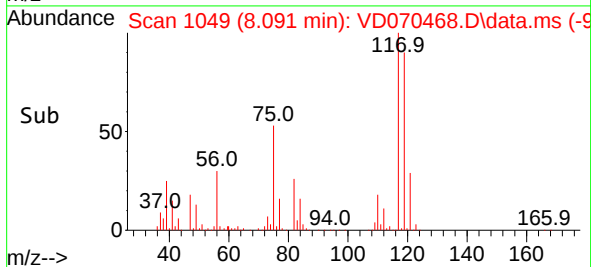
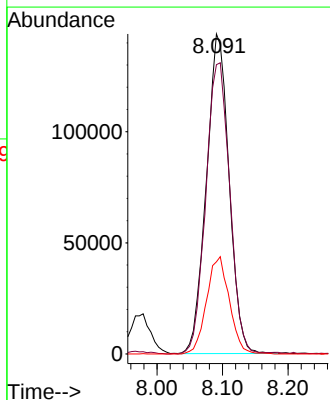
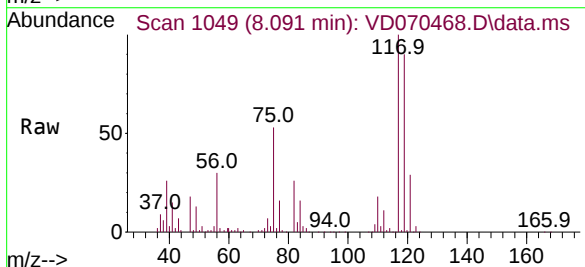
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

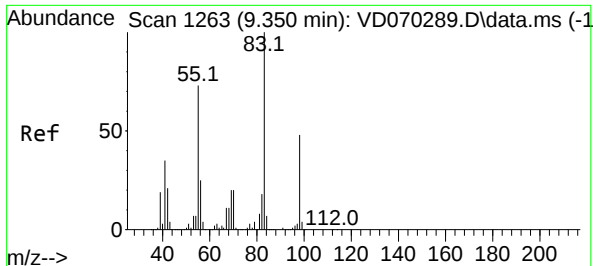
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 115717 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 14.8  | 13.0  | 19.6   |
| 70       | 12.7  | 9.8   | 14.6   |



#38  
Carbon Tetrachloride  
Concen: 53.671 ug/l  
RT: 8.091 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 346654 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 90.6  | 76.1  | 114.1  |
| 121      | 28.9  | 23.8  | 35.6   |





#39

Methylcyclohexane

Concen: 54.204 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD070468.D

Acq: 27 Sep 2021 10:47

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

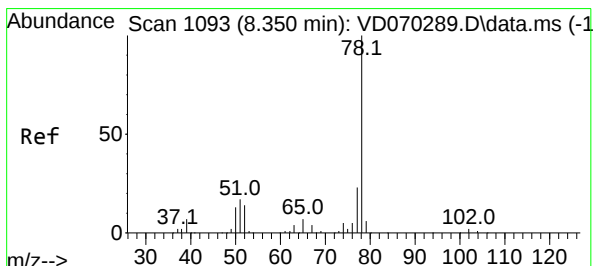
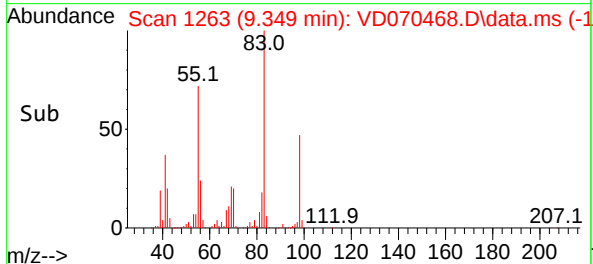
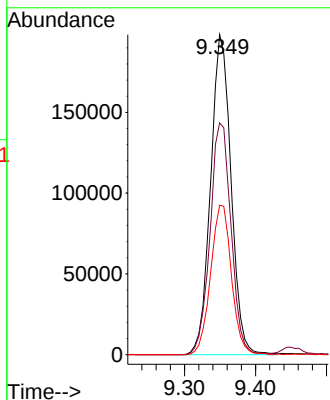
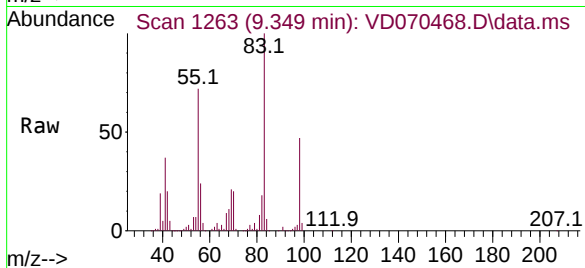
Tgt Ion: 83 Resp: 395463

Ion Ratio Lower Upper

83 100

55 72.4 58.5 87.7

98 46.7 38.4 57.6



#40

Benzene

Concen: 50.612 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD070468.D

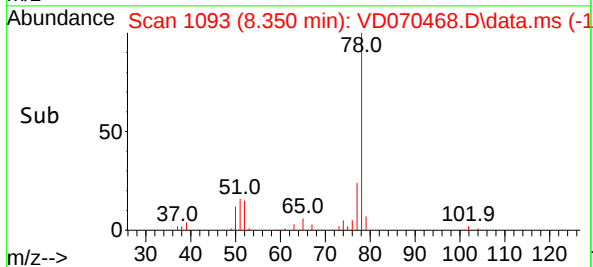
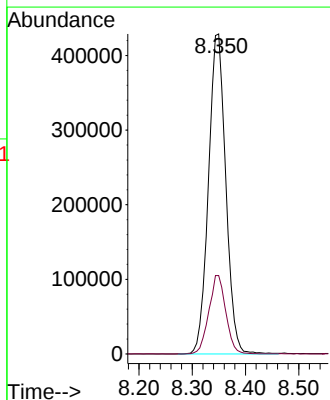
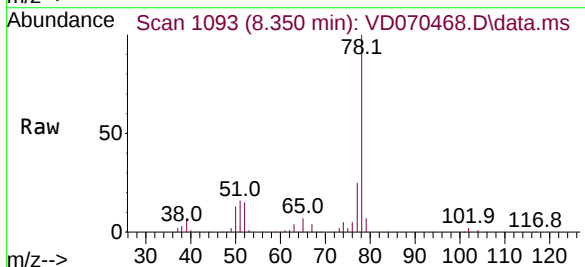
Acq: 27 Sep 2021 10:47

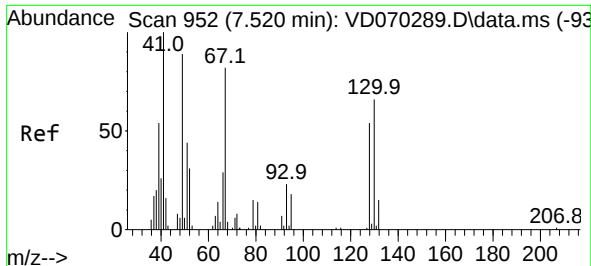
Tgt Ion: 78 Resp: 968632

Ion Ratio Lower Upper

78 100

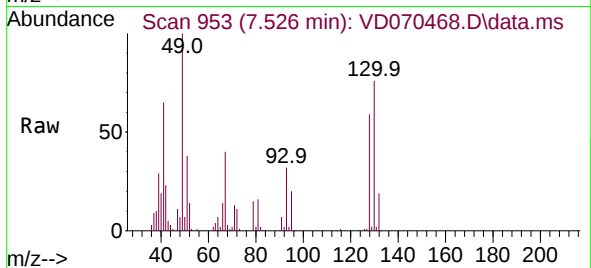
77 24.4 18.4 27.6



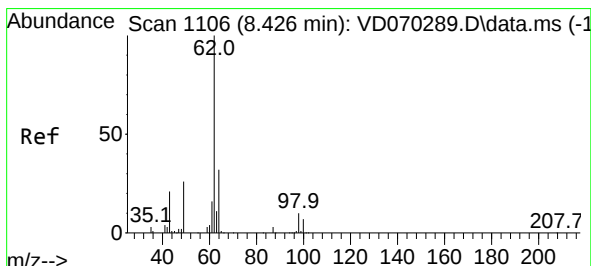
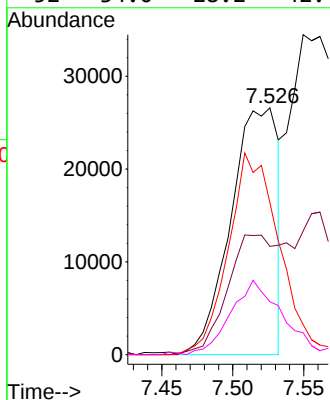
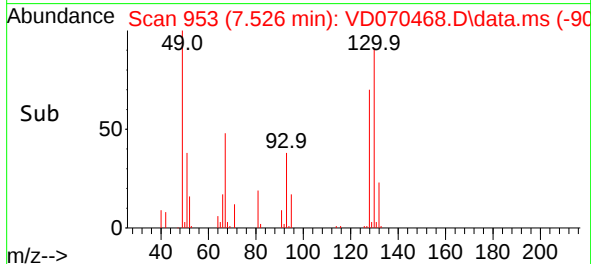


#41  
Methacrylonitrile  
Concen: 48.153 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. 0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

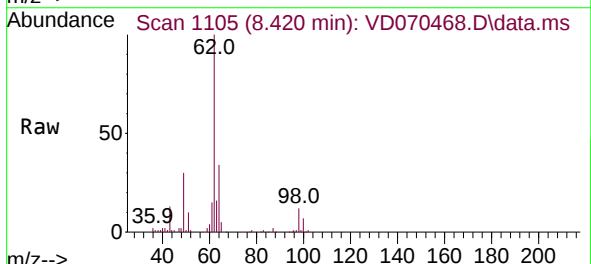
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



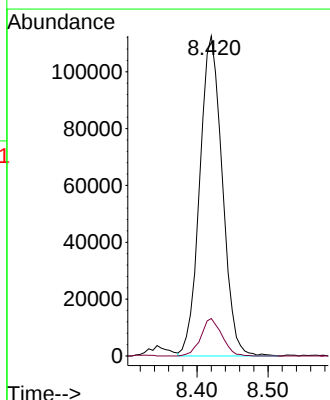
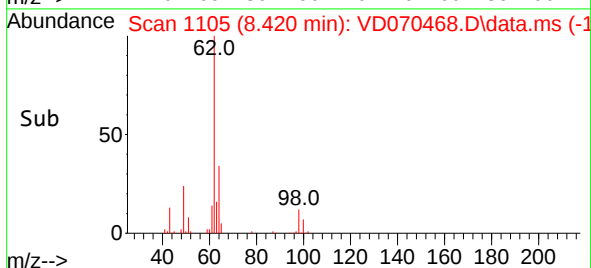
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 61870 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 50.7  | 45.7  | 68.5  |
| 67       | 87.6  | 74.0  | 111.0 |
| 52       | 34.0  | 28.2  | 42.4  |

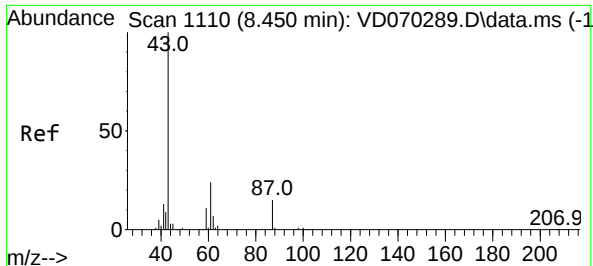


#42  
1,2-Dichloroethane  
Concen: 48.593 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 249082 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.9  | 0.0   | 22.4   |





#43

Isopropyl Acetate

Concen: 46.901 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VD070468.D

Acq: 27 Sep 2021 10:47

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

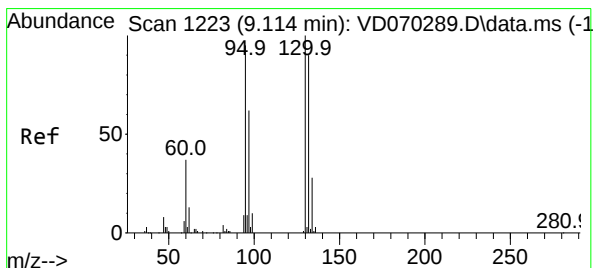
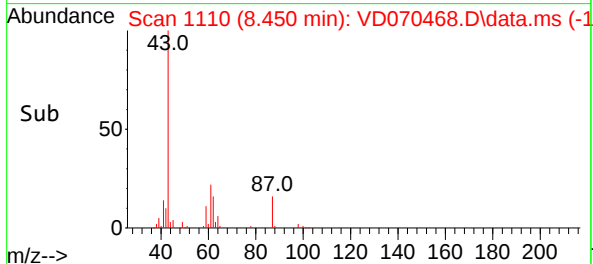
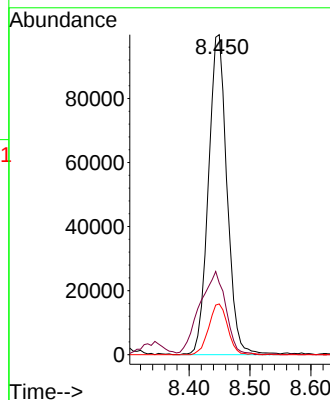
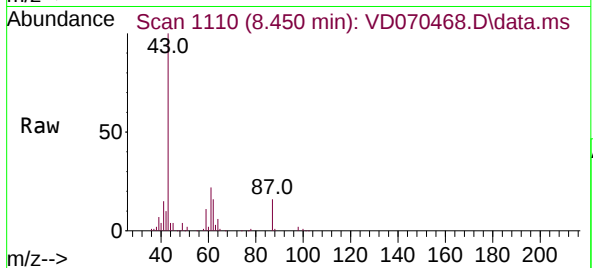
Tgt Ion: 43 Resp: 211775

Ion Ratio Lower Upper

43 100

61 36.6 29.0 43.6

87 16.1 12.8 19.2



#44

Trichloroethene

Concen: 51.300 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD070468.D

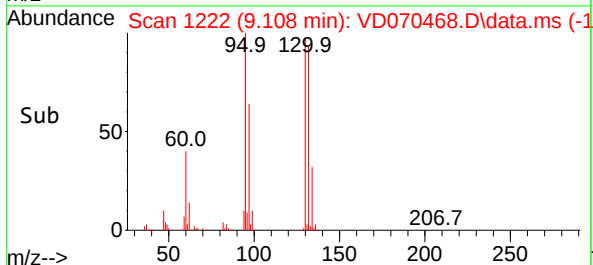
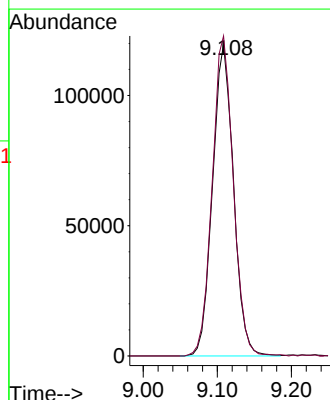
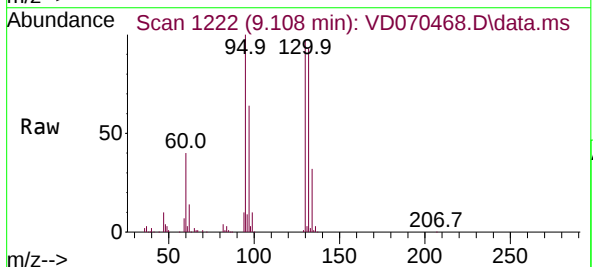
Acq: 27 Sep 2021 10:47

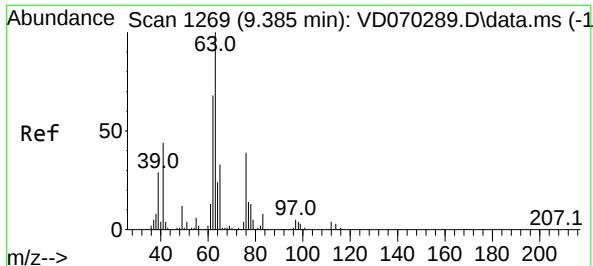
Tgt Ion:130 Resp: 234644

Ion Ratio Lower Upper

130 100

95 102.6 0.0 190.0



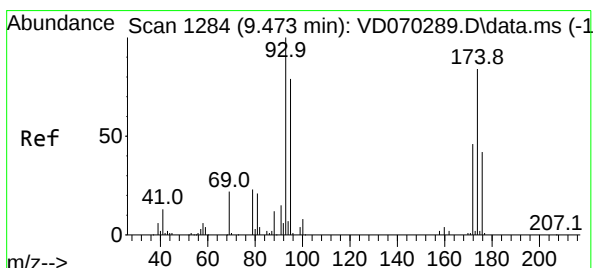
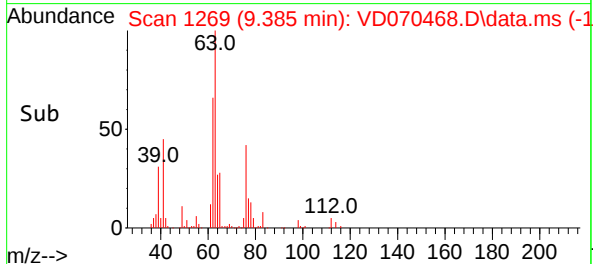
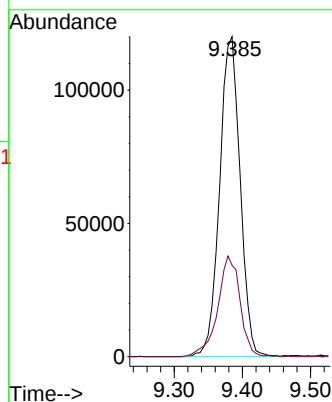
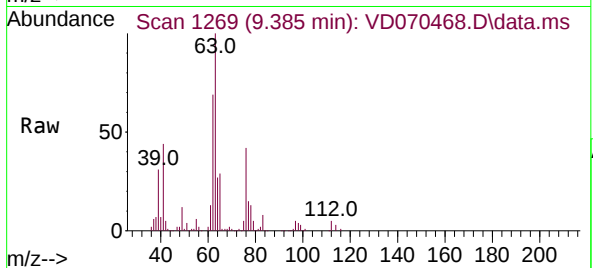


#45

1,2-Dichloropropane  
Concen: 50.139 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

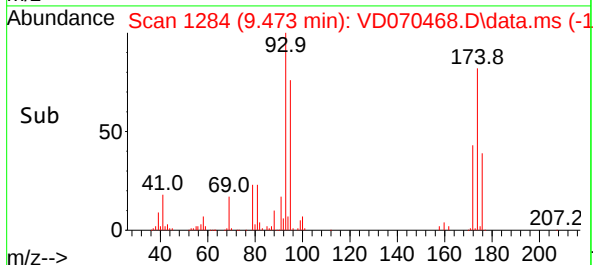
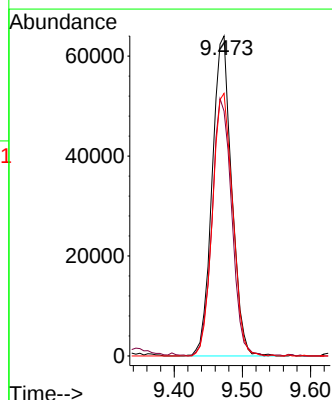
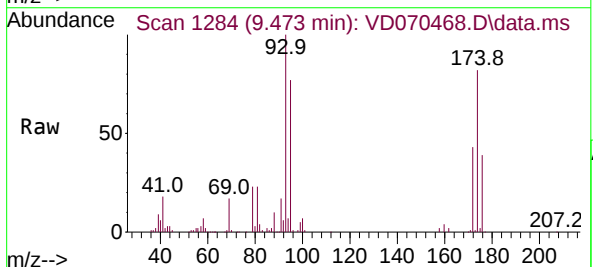
Tgt Ion: 63 Resp: 251756  
Ion Ratio Lower Upper  
63 100  
65 28.6 26.2 39.2

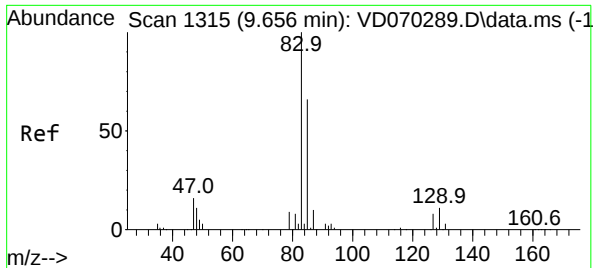


#46

Dibromomethane  
Concen: 49.349 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 93 Resp: 127598  
Ion Ratio Lower Upper  
93 100  
95 81.1 67.3 100.9  
174 84.8 69.2 103.8

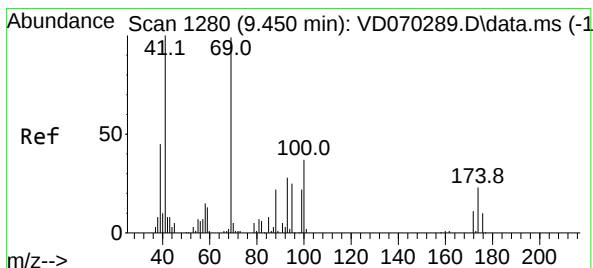
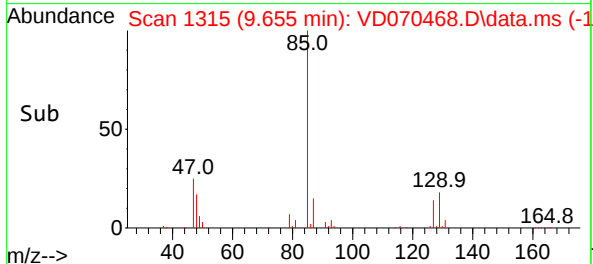
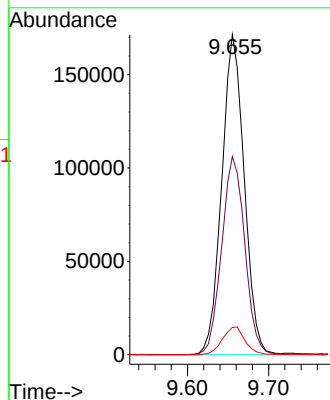
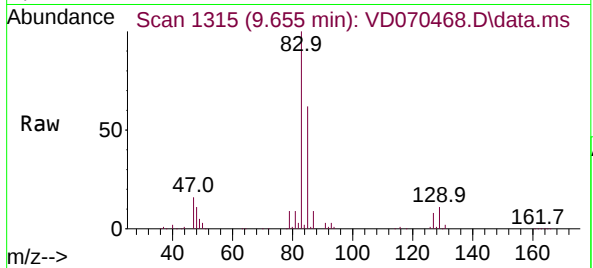




#47  
Bromodichloromethane  
Concen: 49.997 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

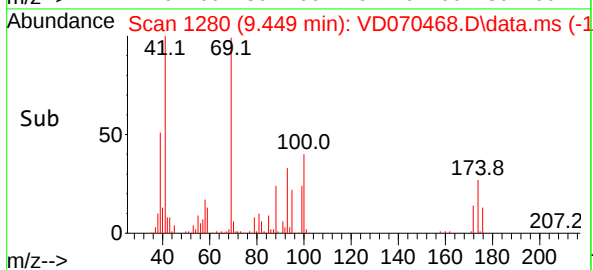
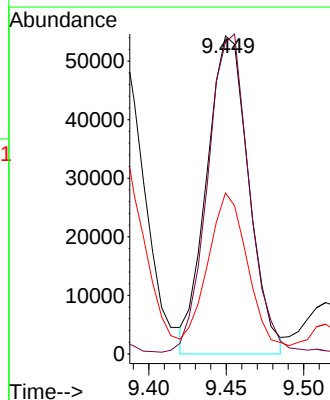
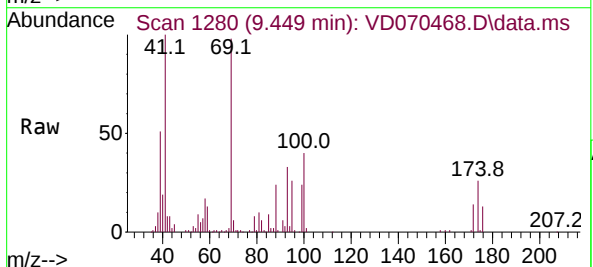
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

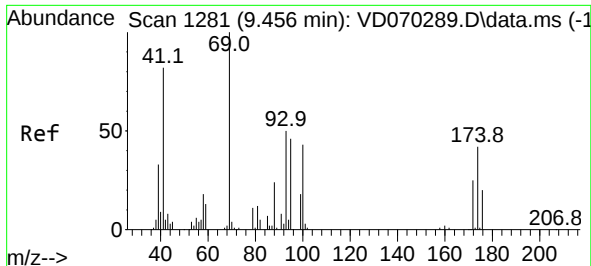
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 329796 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 61.9  | 53.0  | 79.6   |
| 127      | 8.5   | 6.3   | 9.5    |



#48  
Methyl methacrylate  
Concen: 49.040 ug/l  
RT: 9.449 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 102240 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 100.9 | 79.8  | 119.8  |
| 39       | 44.6  | 34.4  | 51.6   |

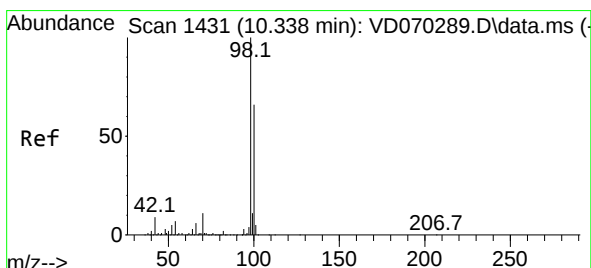
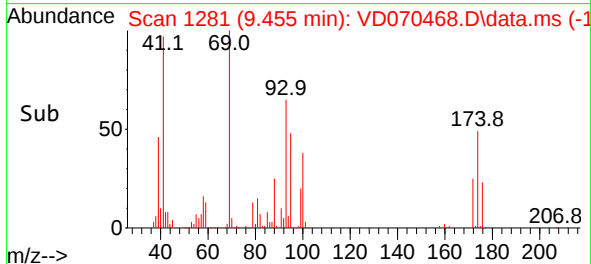
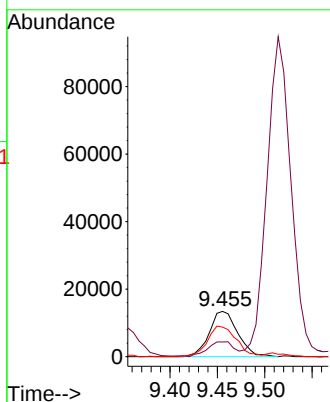
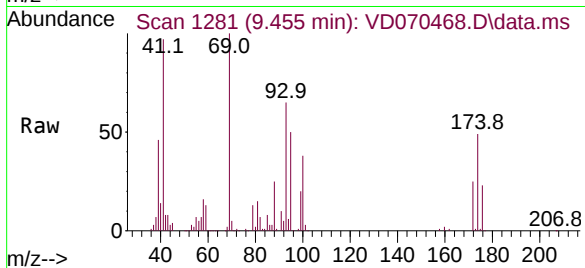




#49  
1,4-Dioxane  
Concen: 1080.258 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

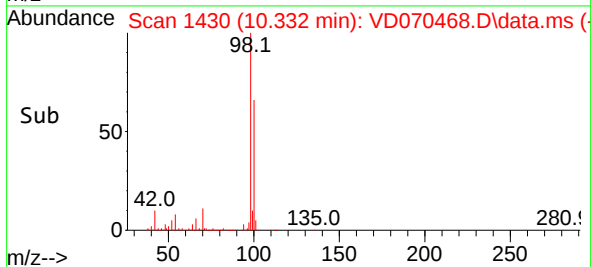
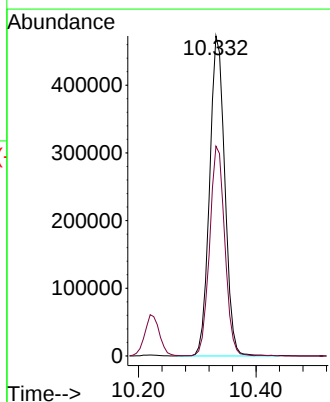
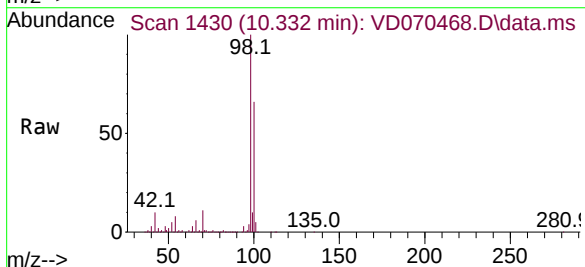
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

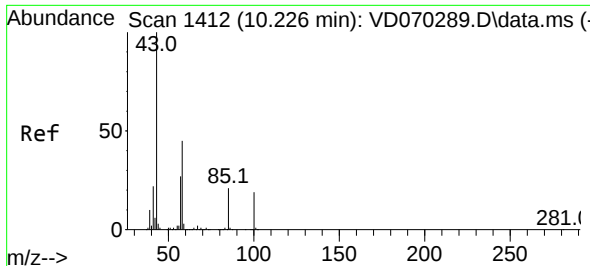
Tgt Ion: 88 Resp: 27976  
Ion Ratio Lower Upper  
88 100  
43 27.8 22.4 33.6  
58 68.3 54.2 81.4



#50  
Toluene-d8  
Concen: 53.743 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 98 Resp: 848629  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.0 78.0

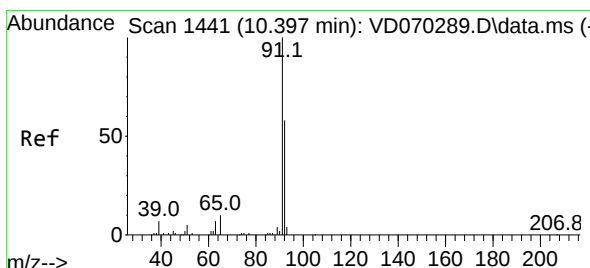
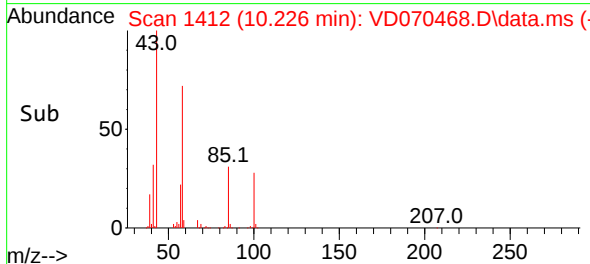
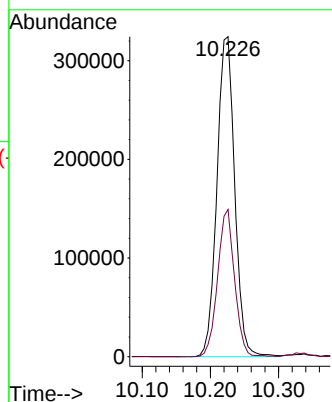
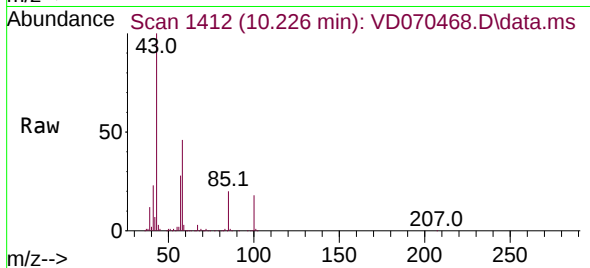




#51  
4-Methyl-2-Pentanone  
Concen: 252.459 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

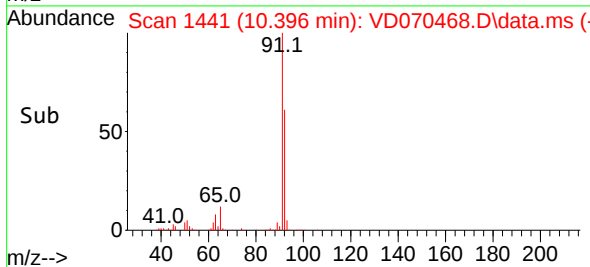
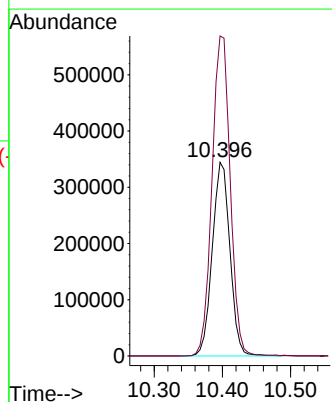
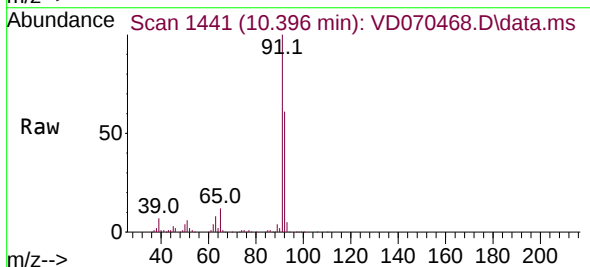
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

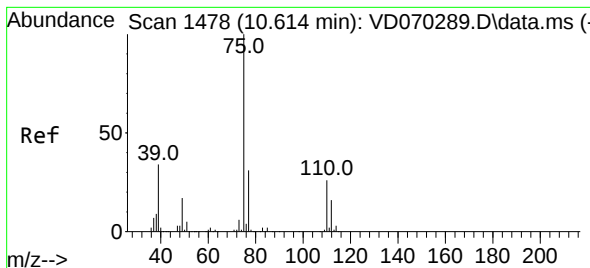
Tgt Ion: 43 Resp: 589875  
Ion Ratio Lower Upper  
43 100  
58 43.8 35.4 53.2



#52  
Toluene  
Concen: 53.659 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 92 Resp: 620502  
Ion Ratio Lower Upper  
92 100  
91 171.0 136.2 204.2

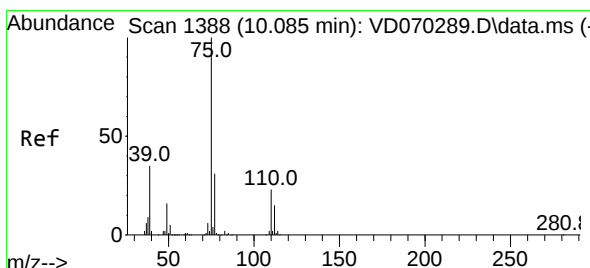
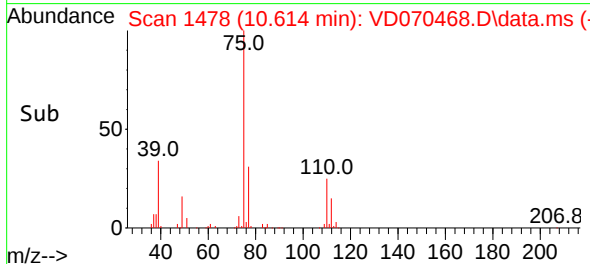
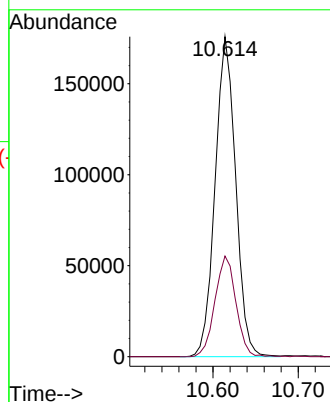
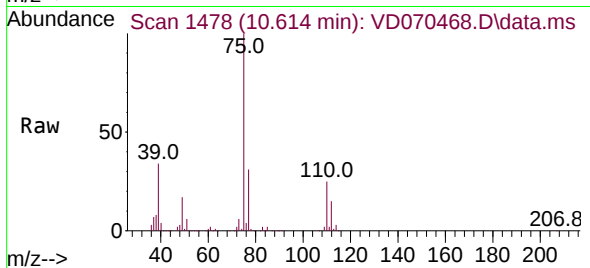




#53  
t-1,3-Dichloropropene  
Concen: 51.987 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

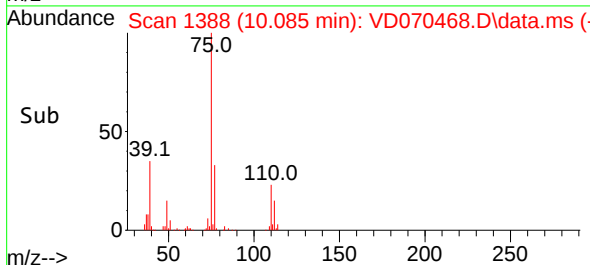
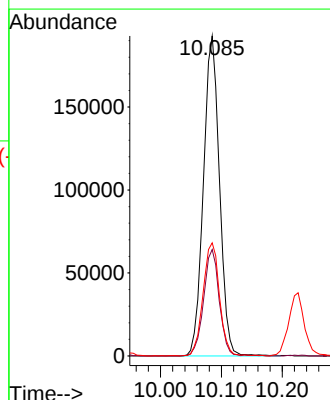
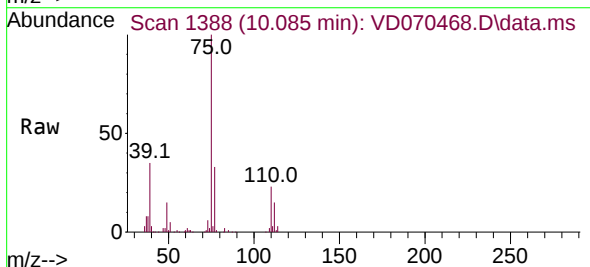
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

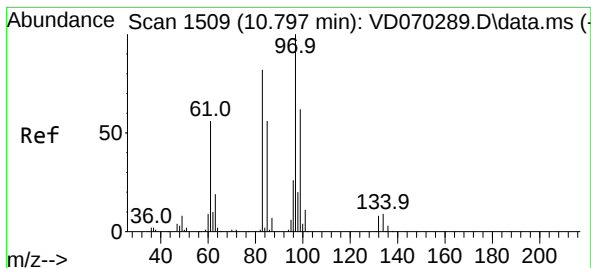
Tgt Ion: 75 Resp: 294986  
Ion Ratio Lower Upper  
75 100  
77 31.4 24.6 37.0



#54  
cis-1,3-Dichloropropene  
Concen: 51.263 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 75 Resp: 353998  
Ion Ratio Lower Upper  
75 100  
77 33.3 24.8 37.2  
39 35.4 27.8 41.6

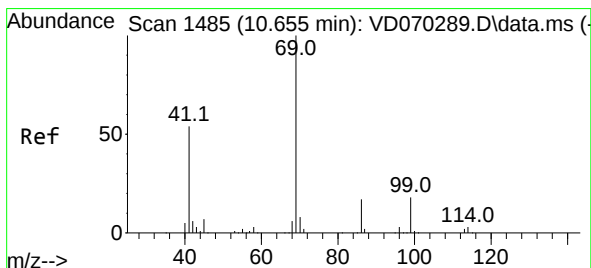
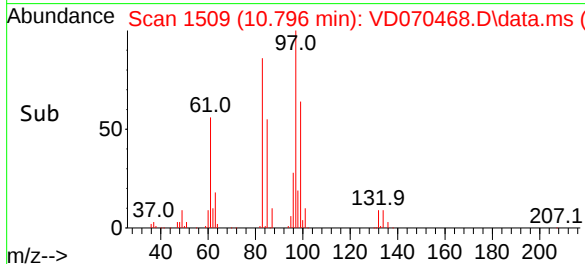
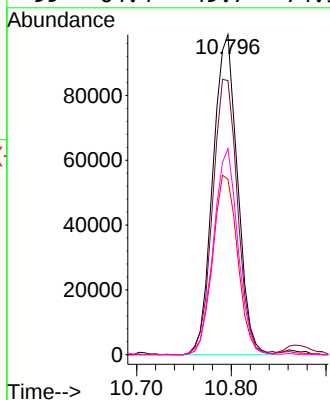
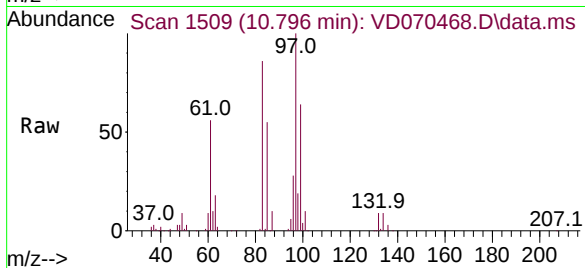




#55  
1,1,2-Trichloroethane  
Concen: 50.358 ug/l  
RT: 10.796 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

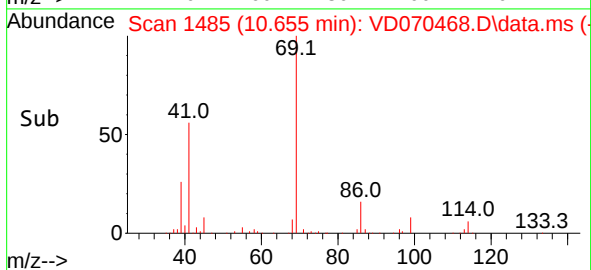
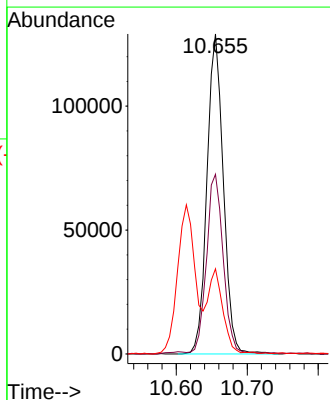
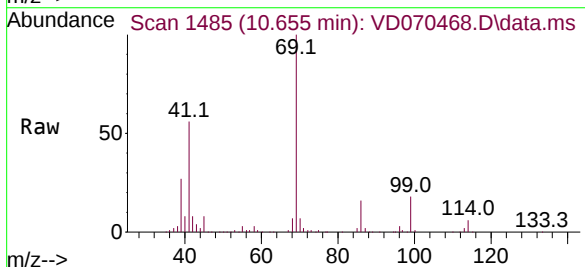
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

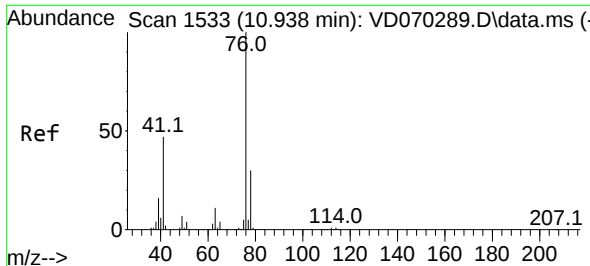
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 179123 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.6  | 65.3  | 97.9   |
| 85       | 54.8  | 44.8  | 67.2   |
| 99       | 64.4  | 49.7  | 74.5   |



#56  
Ethyl methacrylate  
Concen: 53.216 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 206636 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 56.4  | 43.6  | 65.4   |
| 39       | 23.9  | 18.6  | 28.0   |

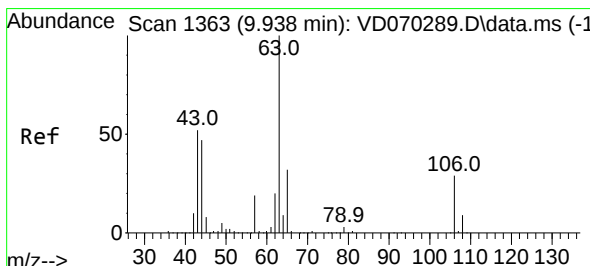
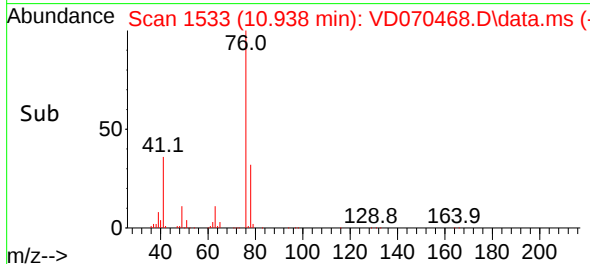
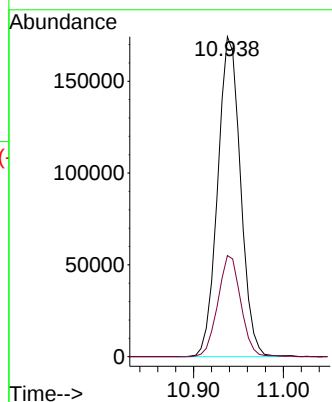
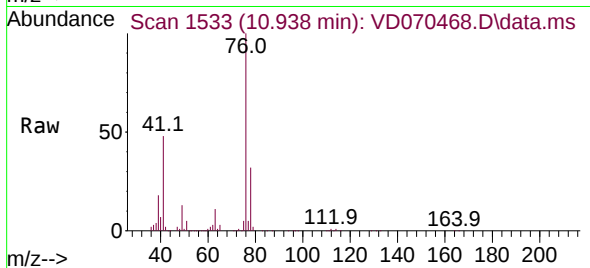




#57  
1,3-Dichloropropane  
Concen: 50.863 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

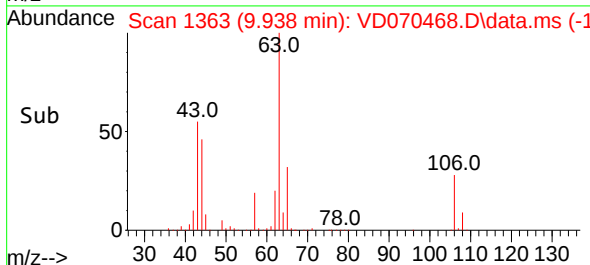
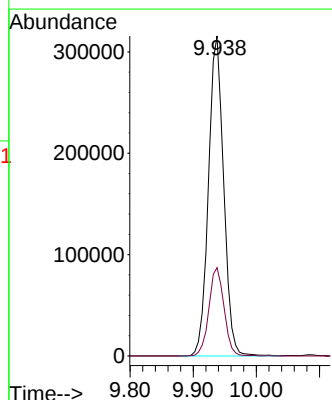
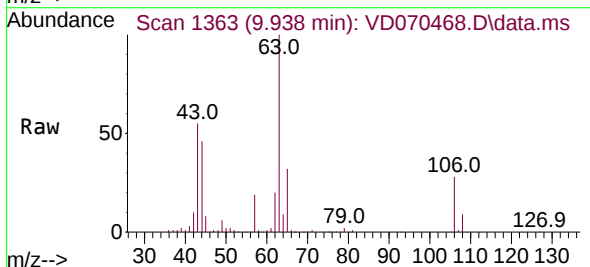
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

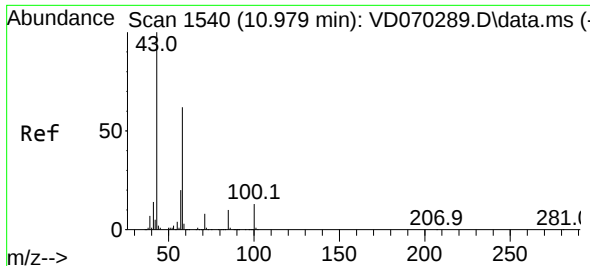
Tgt Ion: 76 Resp: 308010  
Ion Ratio Lower Upper  
76 100  
78 31.7 25.8 38.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 282.126 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 63 Resp: 528007  
Ion Ratio Lower Upper  
63 100  
106 27.5 22.3 33.5

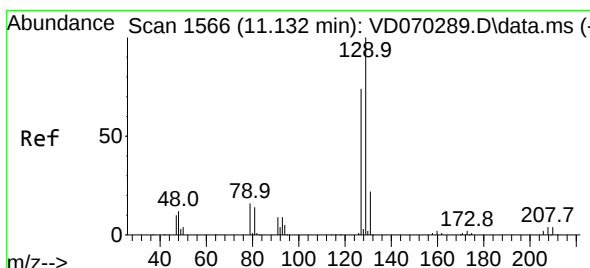
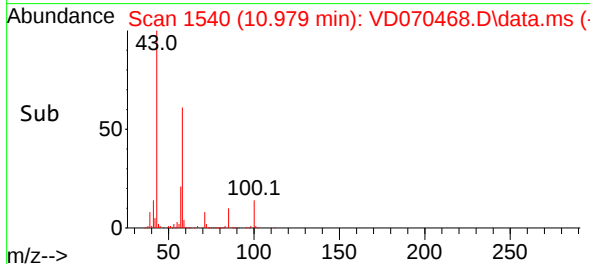
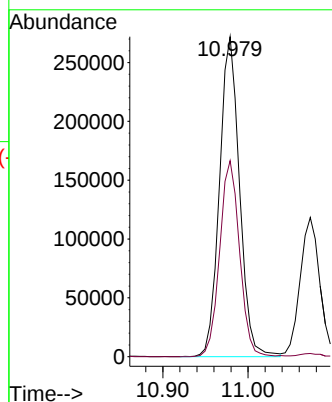
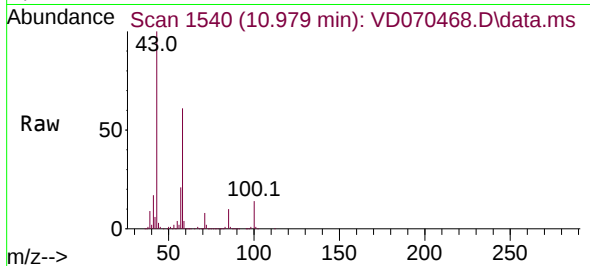




#59  
2-Hexanone  
Concen: 284.897 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

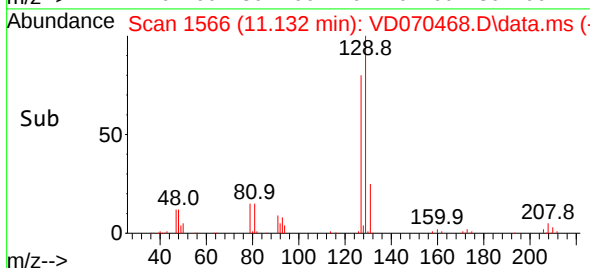
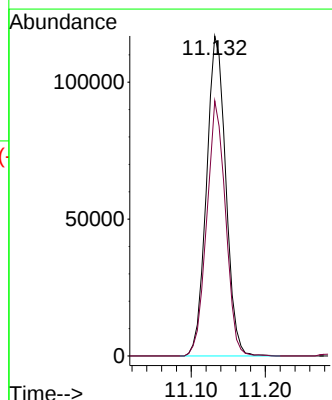
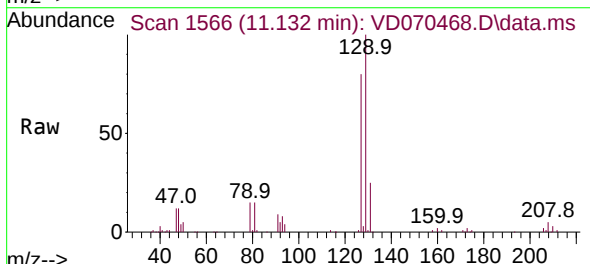
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

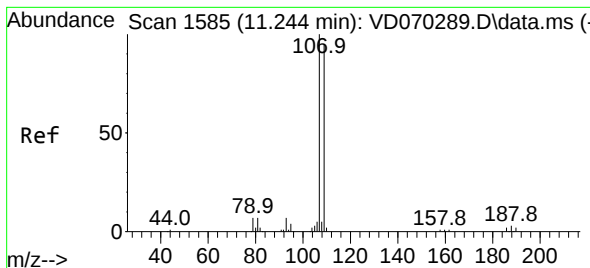
Tgt Ion: 43 Resp: 444131  
Ion Ratio Lower Upper  
43 100  
58 60.8 30.6 91.6



#60  
Dibromochloromethane  
Concen: 50.983 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 129 Resp: 211045  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.0 114.0

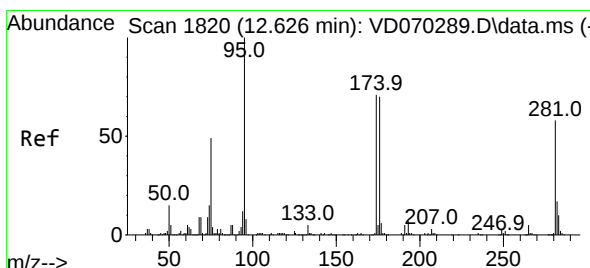
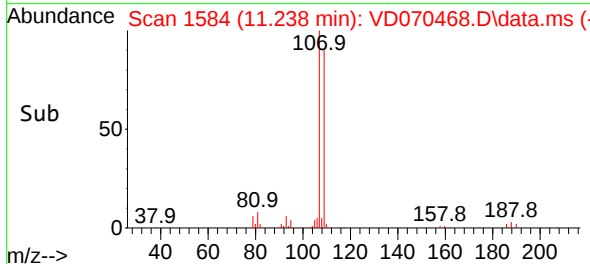
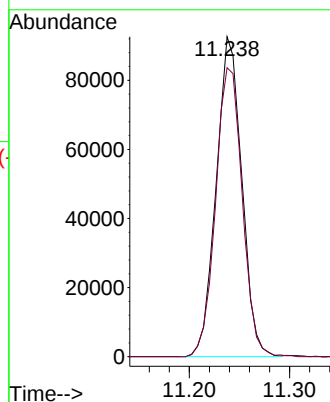
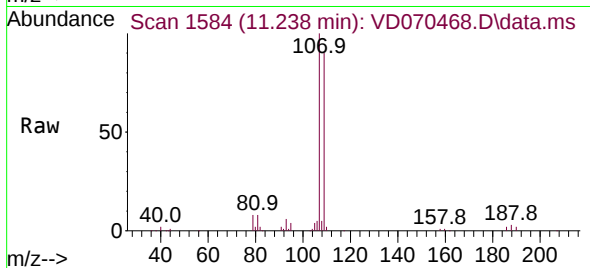




#61  
1,2-Dibromoethane  
Concen: 50.147 ug/l  
RT: 11.238 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

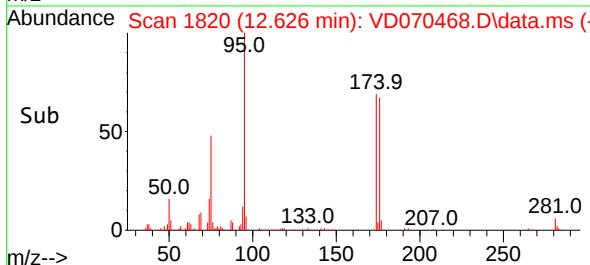
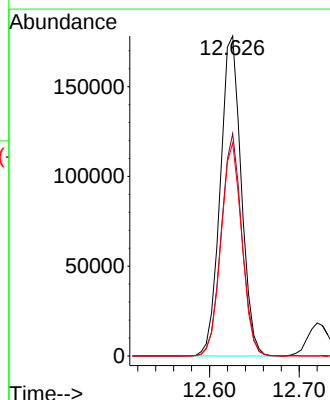
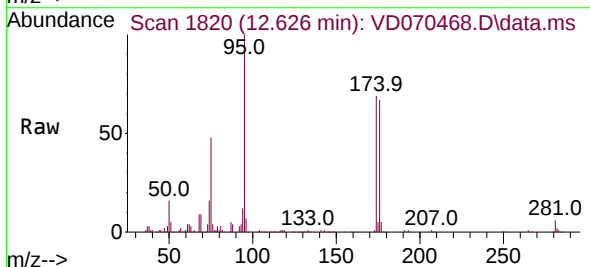
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

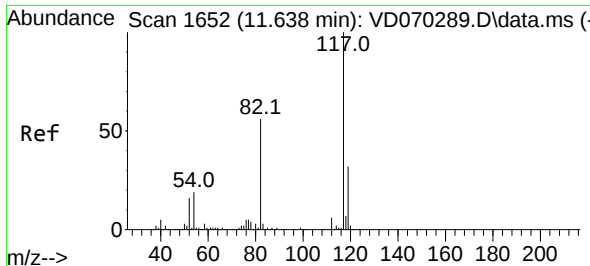
Tgt Ion:107 Resp: 164041  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 52.357 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 95 Resp: 288936  
Ion Ratio Lower Upper  
95 100  
174 68.2 0.0 140.6  
176 66.1 0.0 137.4

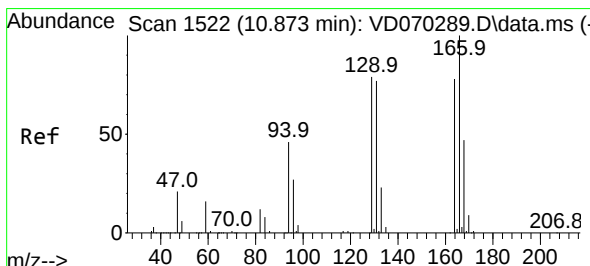
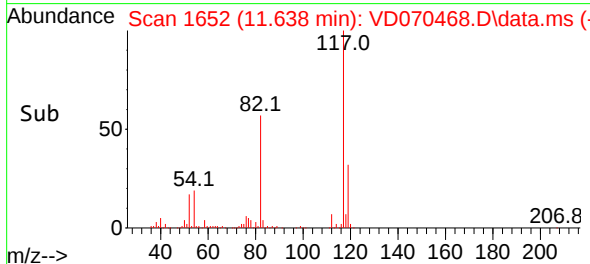
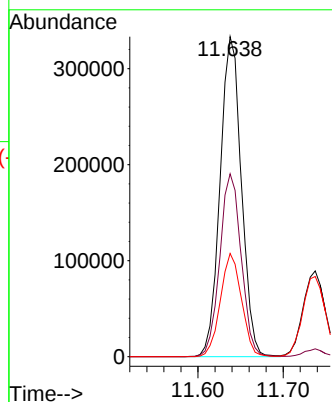
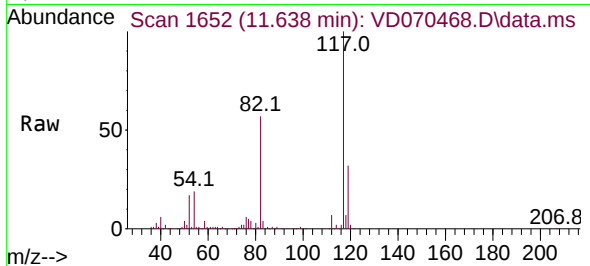




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

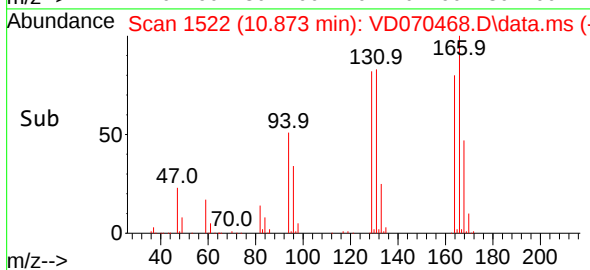
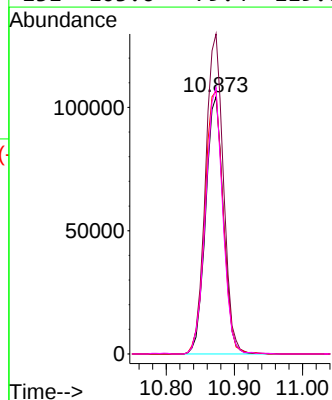
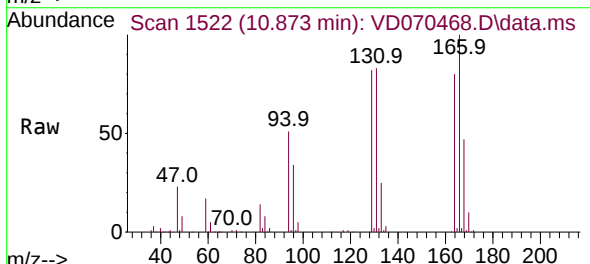
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

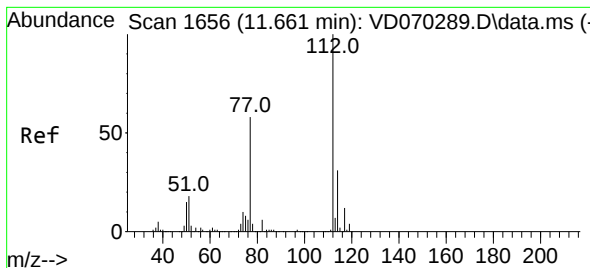
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 578445 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.1  | 45.0  | 67.4   |
| 119      | 32.2  | 25.2  | 37.8   |



#64  
Tetrachloroethene  
Concen: 53.620 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 188839 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 124.4 | 102.4 | 153.6  |
| 129      | 102.2 | 80.9  | 121.3  |
| 131      | 103.6 | 79.4  | 119.0  |

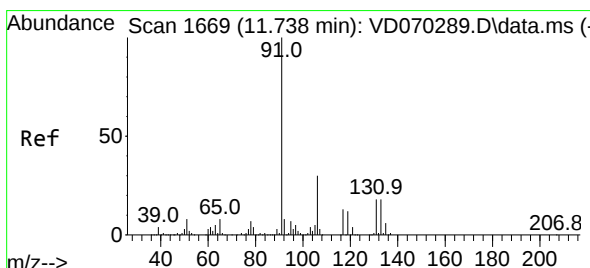
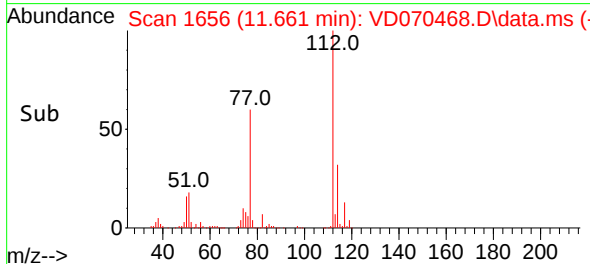
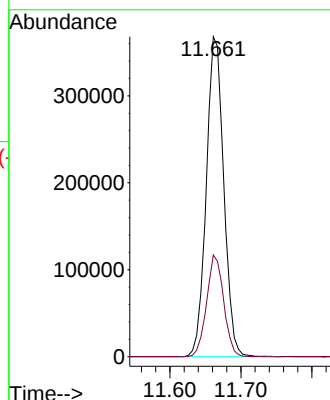
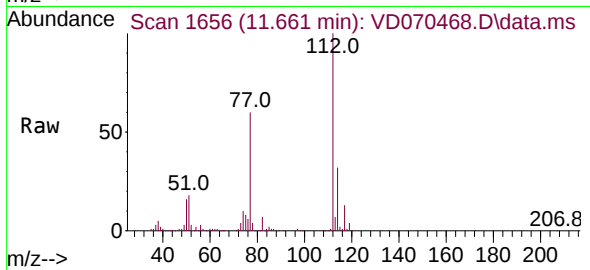




#65  
Chlorobenzene  
Concen: 52.506 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

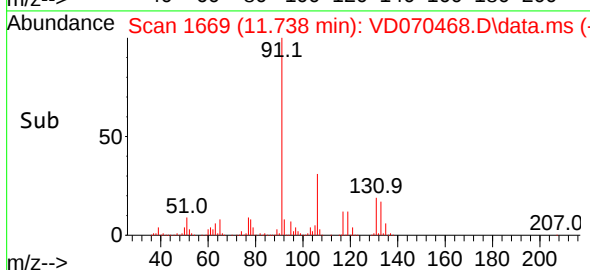
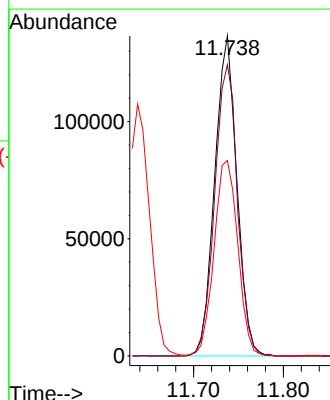
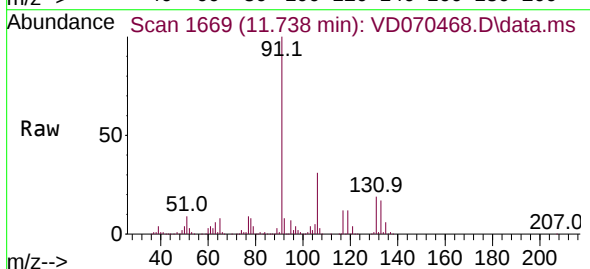
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

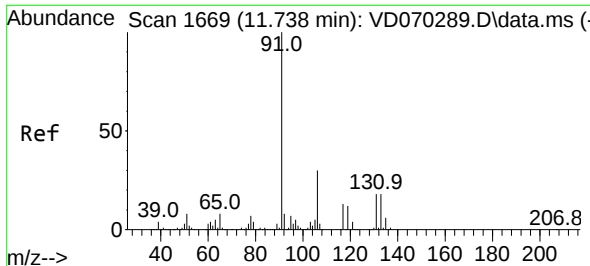
Tgt Ion:112 Resp: 629193  
Ion Ratio Lower Upper  
112 100  
114 31.8 24.7 37.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.305 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion:131 Resp: 233949  
Ion Ratio Lower Upper  
131 100  
133 93.8 48.4 145.2  
119 65.6 33.5 100.5

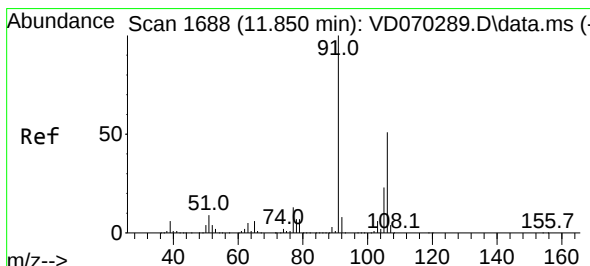
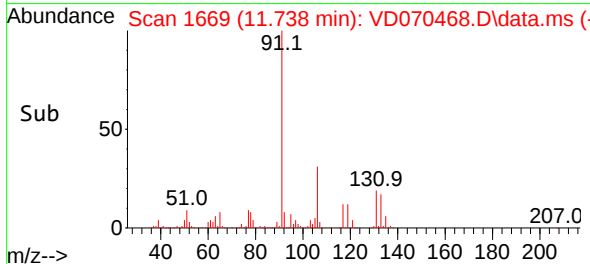
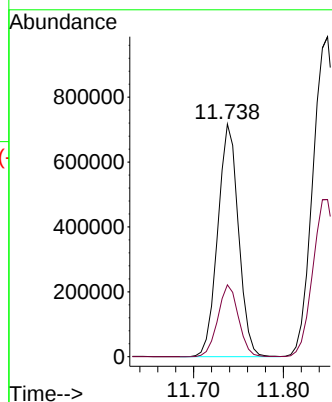
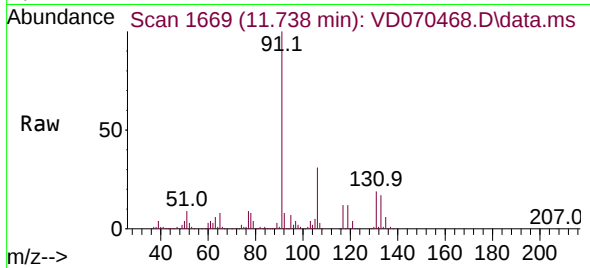




#67  
Ethyl Benzene  
Concen: 55.619 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

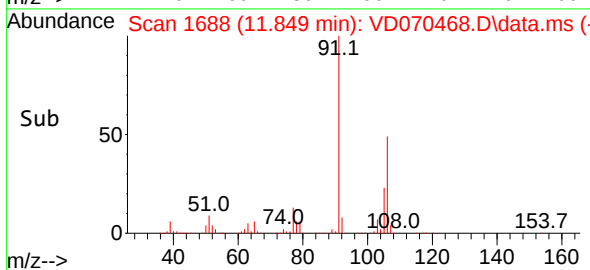
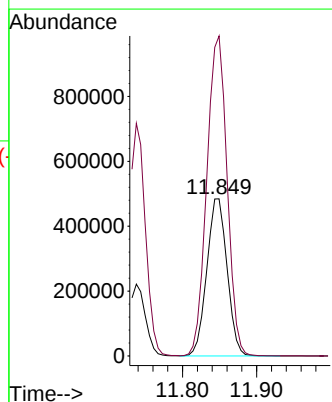
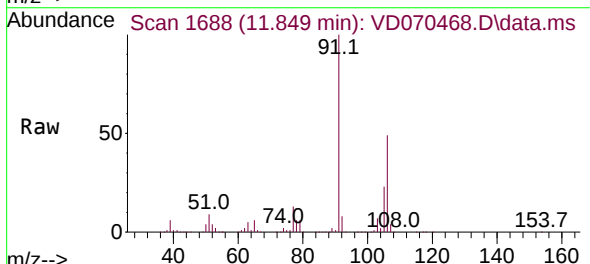
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

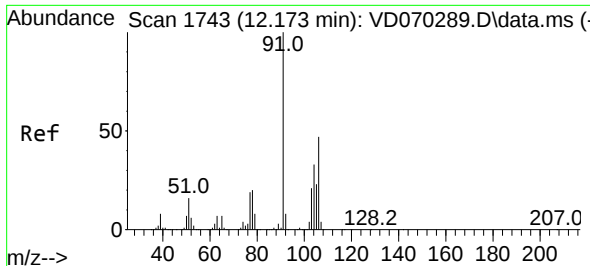
Tgt Ion: 91 Resp: 1149453  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.2 36.2



#68  
m/p-Xylenes  
Concen: 115.467 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion:106 Resp: 921635  
Ion Ratio Lower Upper  
106 100  
91 203.4 161.2 241.8

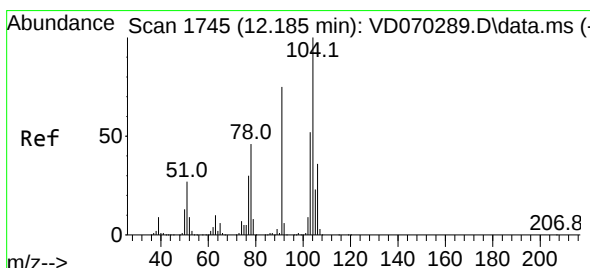
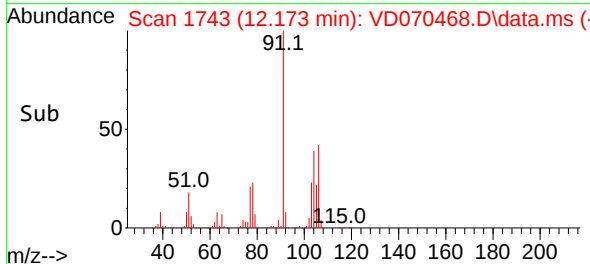
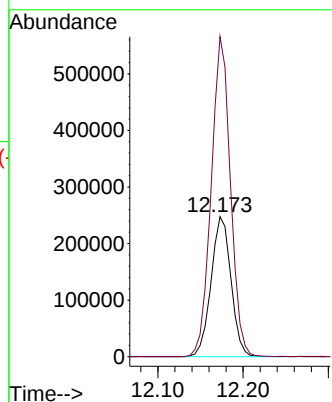
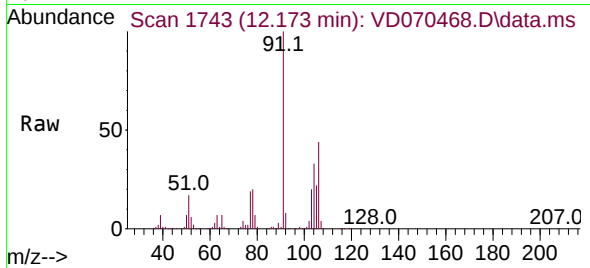




#69  
o-Xylene  
Concen: 56.126 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

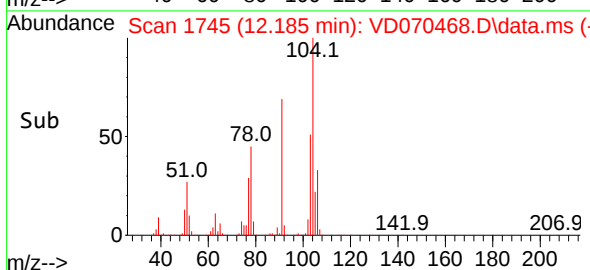
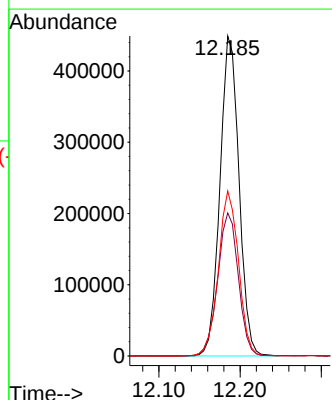
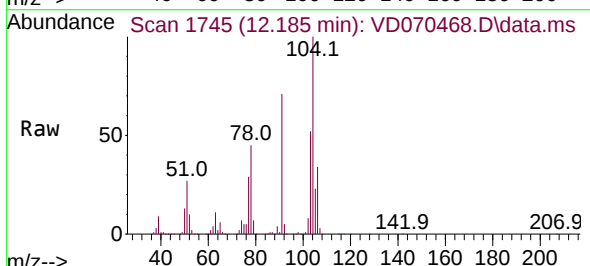
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MSVOA\_D  
ClientSampleId :  
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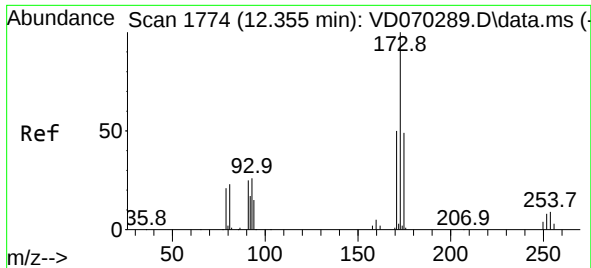
Tgt Ion:106 Resp: 401340  
Ion Ratio Lower Upper  
106 100  
91 221.0 106.3 318.9



#70  
Styrene  
Concen: 58.732 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion:104 Resp: 733653  
Ion Ratio Lower Upper  
104 100  
78 48.5 38.6 57.8  
103 54.5 43.4 65.0

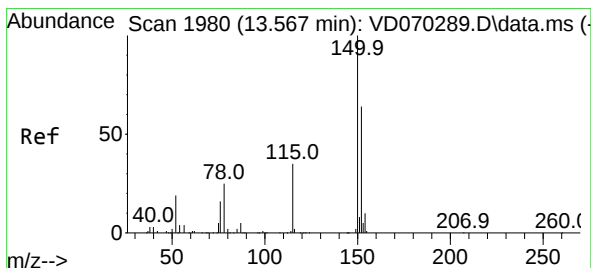
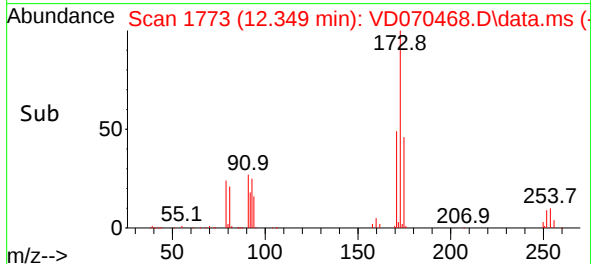
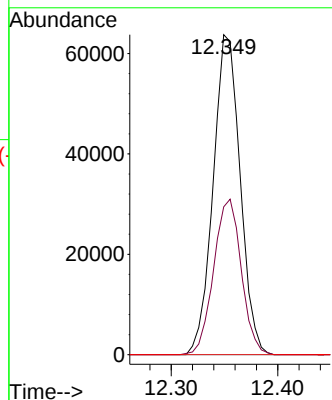
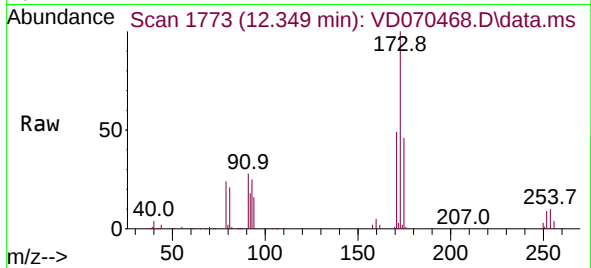




#71  
Bromoform  
Concen: 51.713 ug/l  
RT: 12.349 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

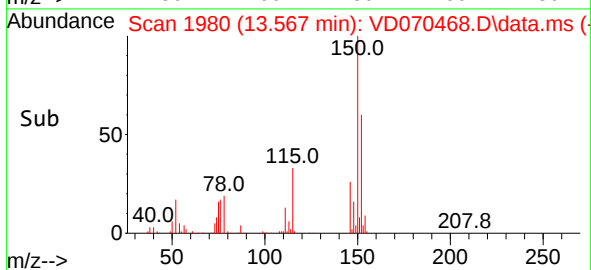
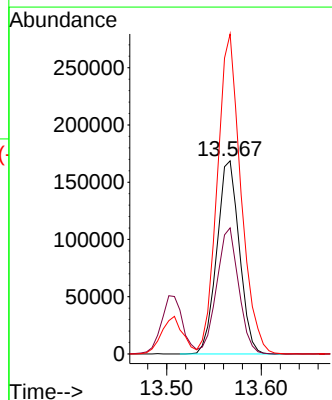
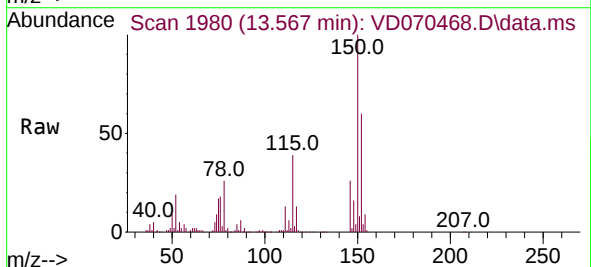
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

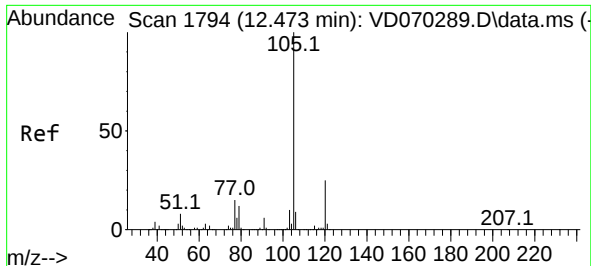
Tgt Ion:173 Resp: 112174  
Ion Ratio Lower Upper  
173 100  
175 49.7 25.1 75.2  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion:152 Resp: 277916  
Ion Ratio Lower Upper  
152 100  
115 63.9 32.1 96.3  
150 174.1 0.0 350.6

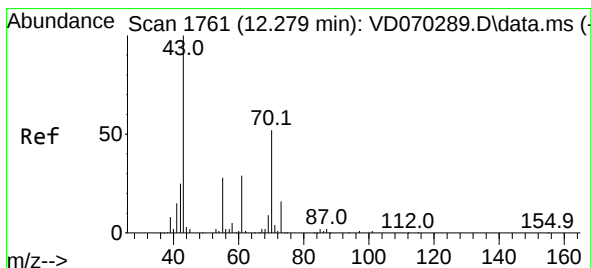
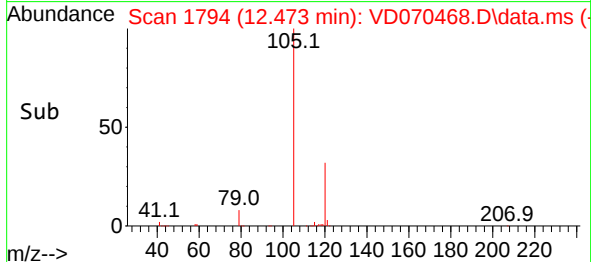
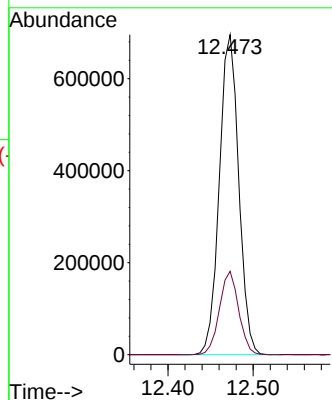
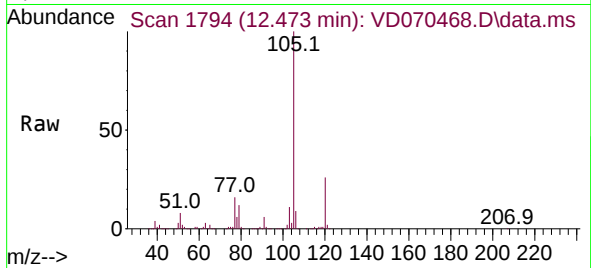




#73  
Isopropylbenzene  
Concen: 56.381 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

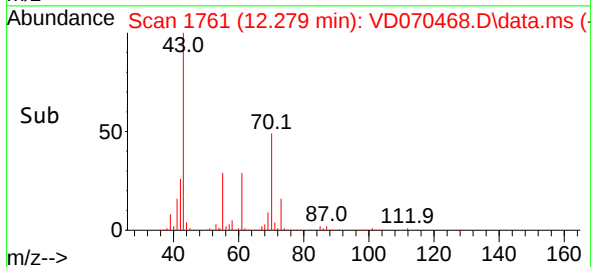
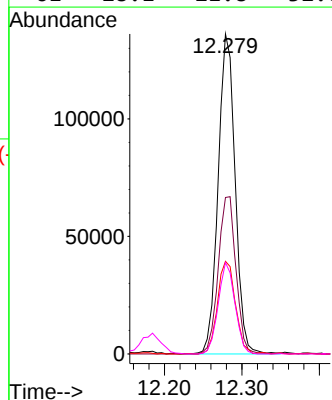
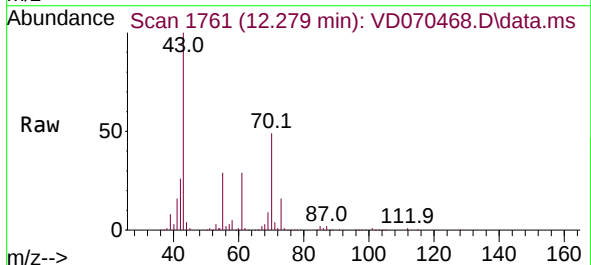
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

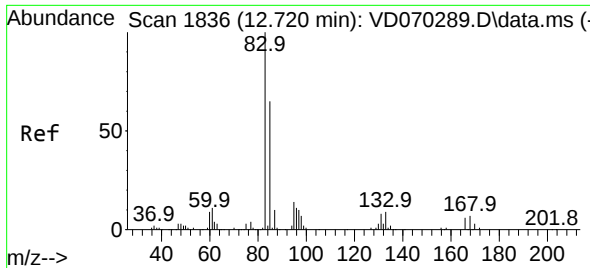
Tgt Ion:105 Resp: 1098868  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.0 38.9



#74  
N-ethyl acetate  
Concen: 48.916 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 43 Resp: 207725  
Ion Ratio Lower Upper  
43 100  
70 51.2 41.4 62.0  
55 30.4 22.8 34.2  
61 28.1 21.8 32.6

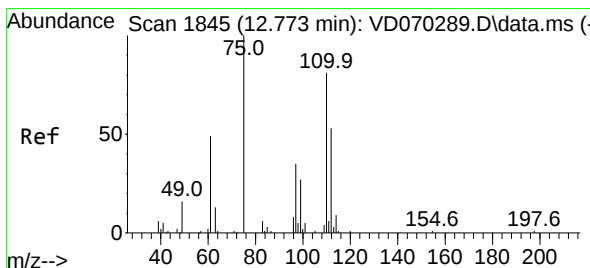
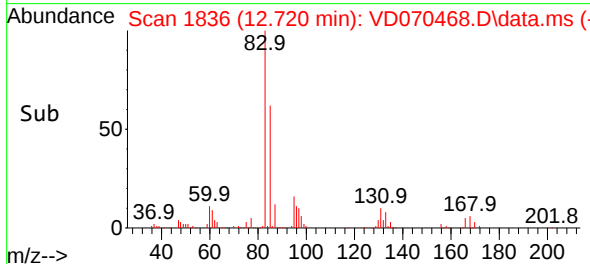
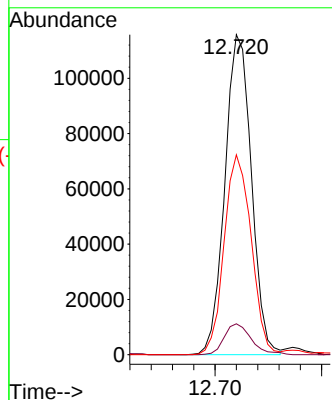
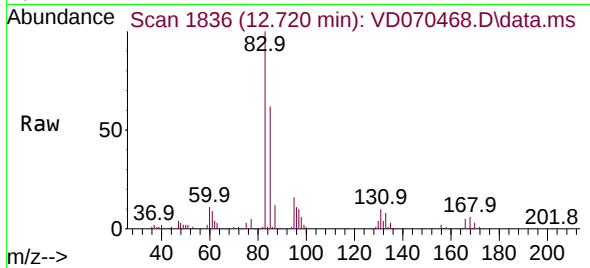




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.948 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

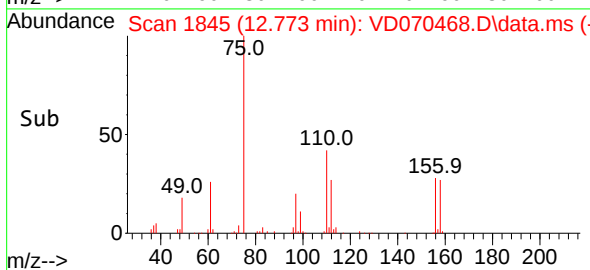
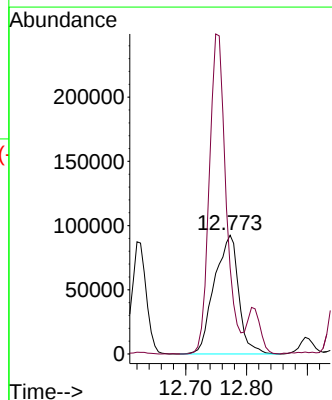
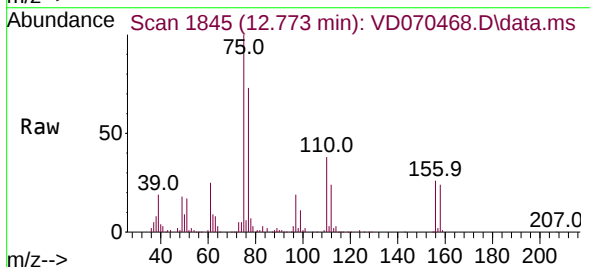
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

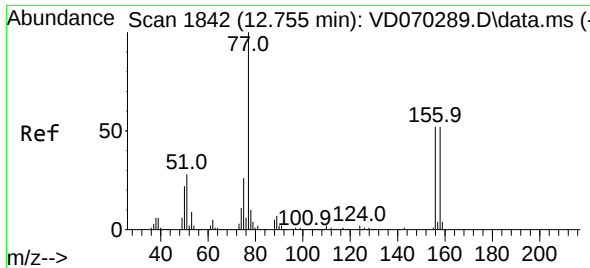
Tgt Ion: 83 Resp: 200151  
Ion Ratio Lower Upper  
83 100  
131 9.8 4.8 14.4  
85 63.8 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 91.238 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 75 Resp: 256483  
Ion Ratio Lower Upper  
75 100  
77 0.0 174.9 524.7#

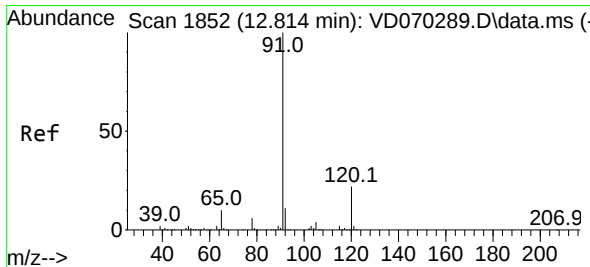
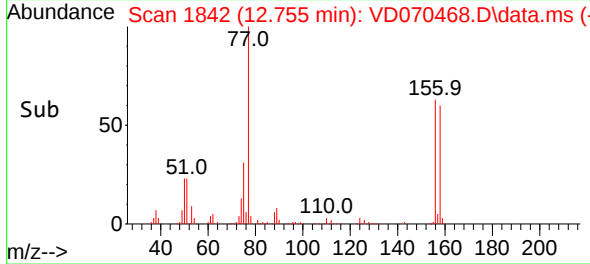
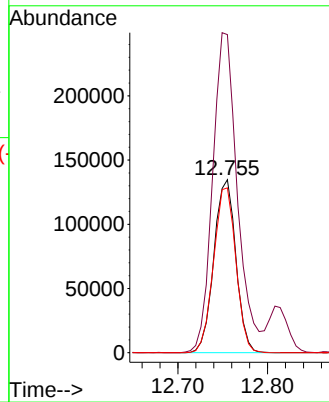
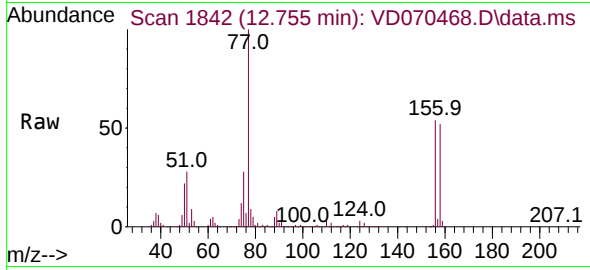




#77  
Bromobenzene  
Concen: 50.957 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

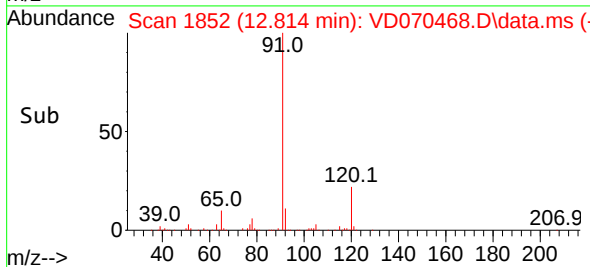
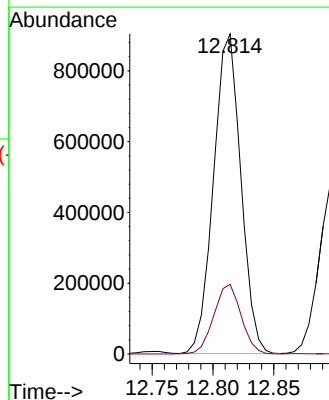
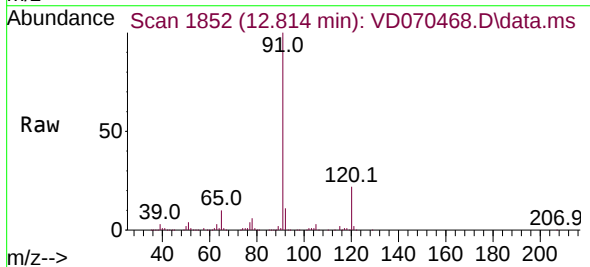
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

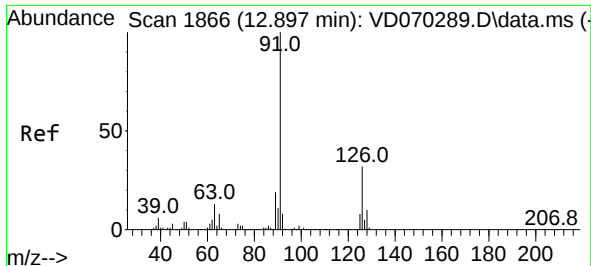
Tgt Ion:156 Resp: 229133  
Ion Ratio Lower Upper  
156 100  
77 207.3 104.3 312.8  
158 96.7 49.4 148.0



#78  
n-propylbenzene  
Concen: 55.681 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 91 Resp: 1408516  
Ion Ratio Lower Upper  
91 100  
120 21.7 11.0 33.0

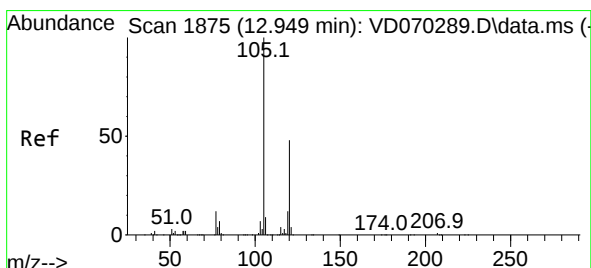
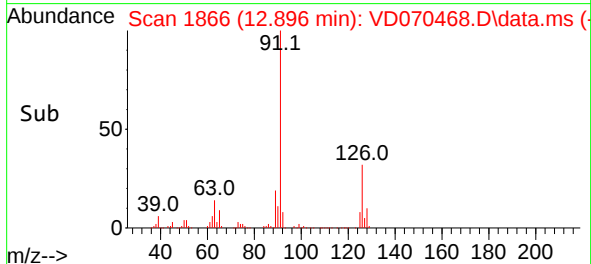
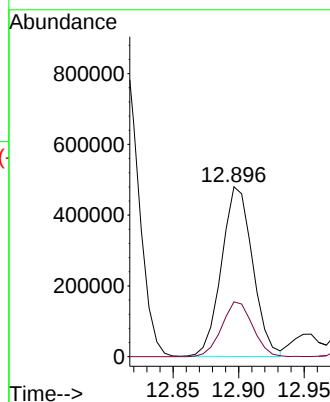
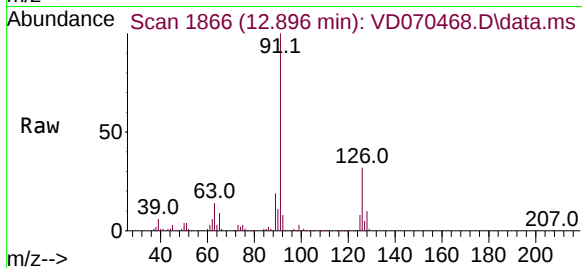




#79  
2-Chlorotoluene  
Concen: 53.719 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

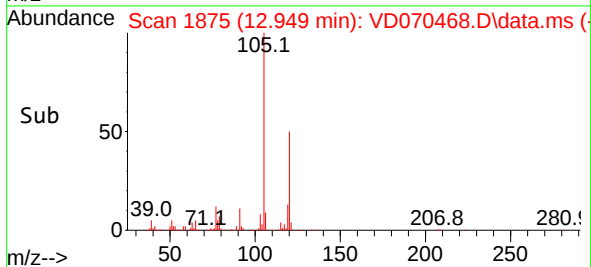
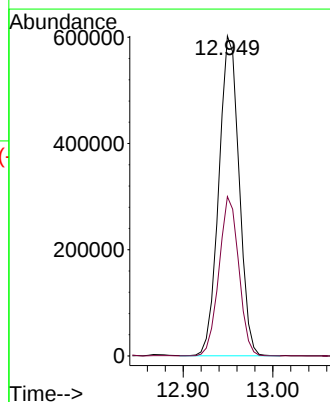
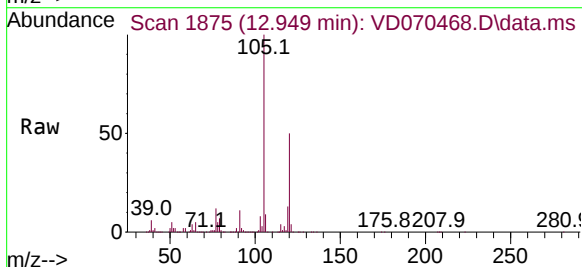
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

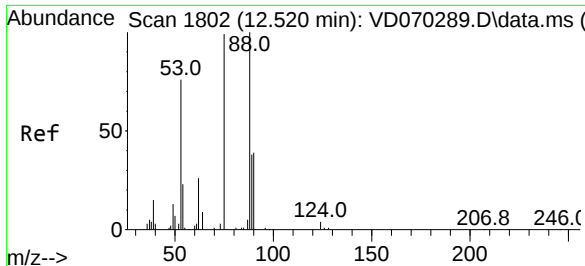
Tgt Ion: 91 Resp: 792070  
Ion Ratio Lower Upper  
91 100  
126 32.2 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 56.074 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 105 Resp: 943212  
Ion Ratio Lower Upper  
105 100  
120 48.8 24.1 72.2

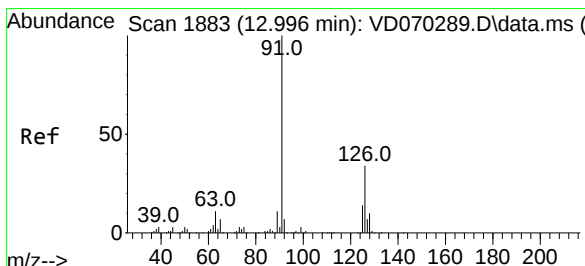
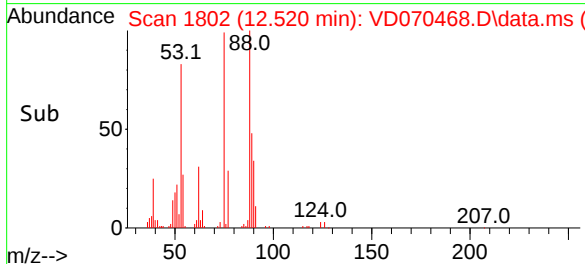
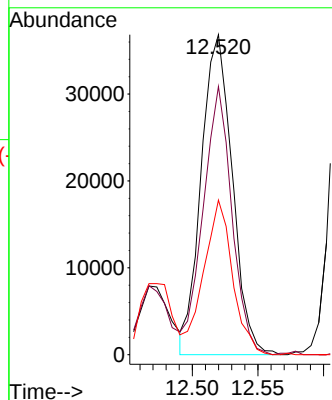
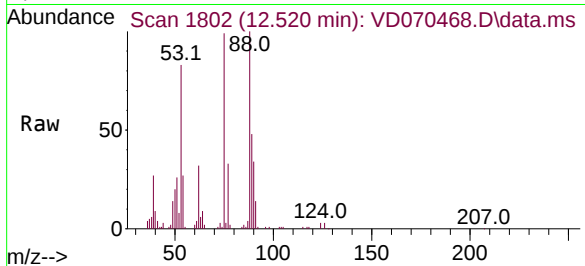




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.147 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

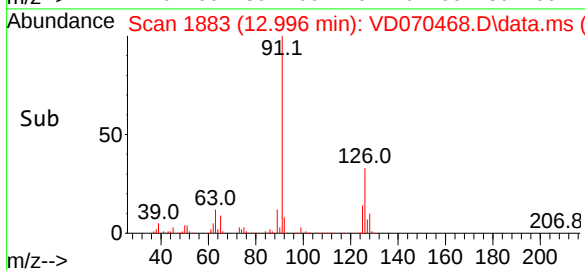
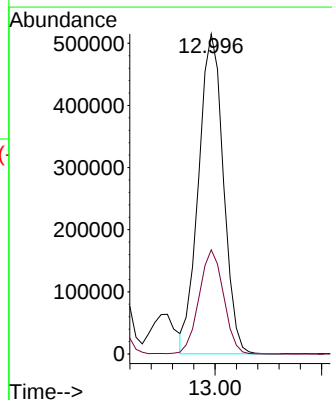
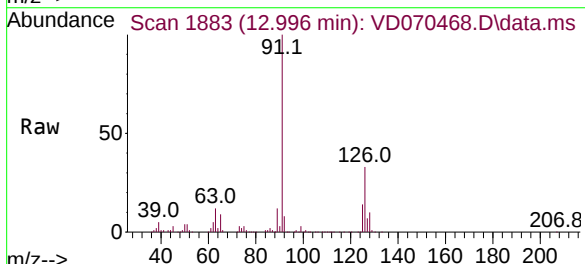
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

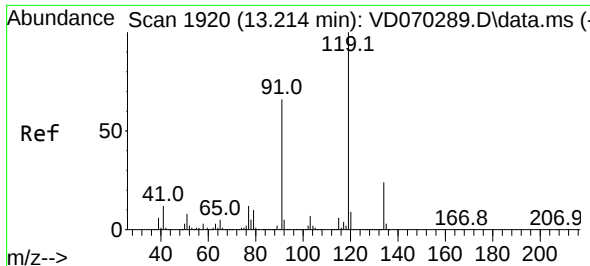
Tgt Ion: 75 Resp: 60750  
Ion Ratio Lower Upper  
75 100  
53 77.5 64.2 96.2  
89 45.1 35.6 53.4



#82  
4-Chlorotoluene  
Concen: 53.526 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 91 Resp: 832605  
Ion Ratio Lower Upper  
91 100  
126 32.1 16.2 48.5

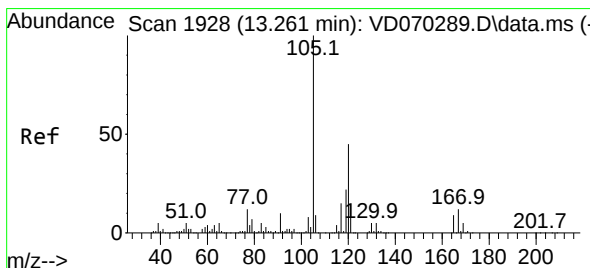
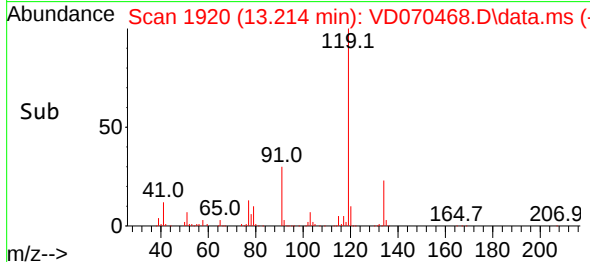
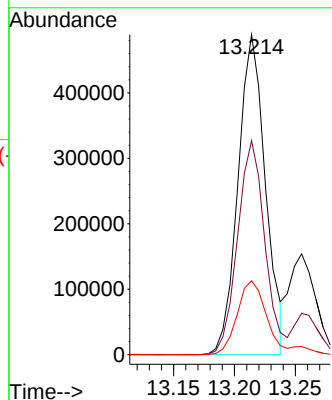
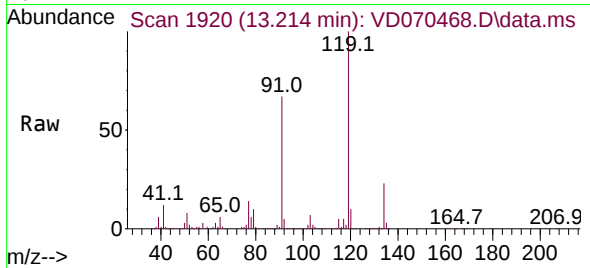




#83  
tert-Butylbenzene  
Concen: 56.869 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

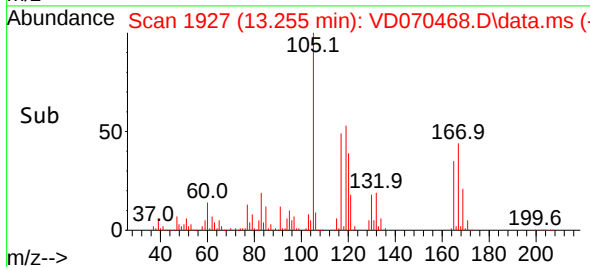
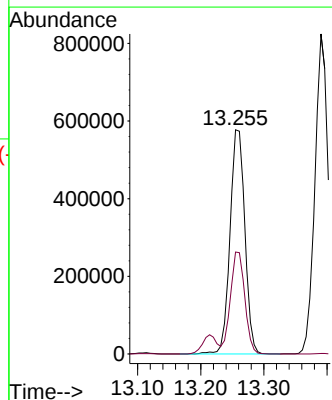
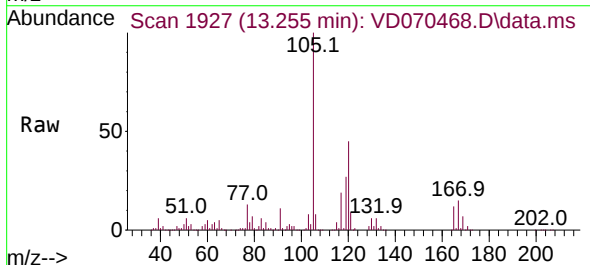
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

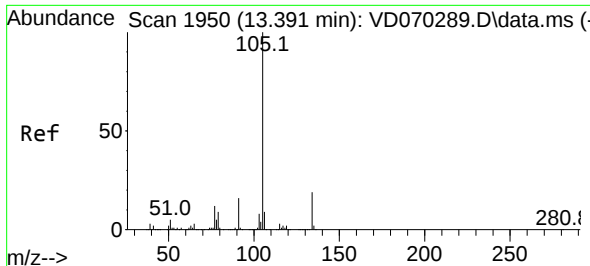
Tgt Ion:119 Resp: 767191  
Ion Ratio Lower Upper  
119 100  
91 66.9 33.7 101.0  
134 24.3 13.2 39.5



#84  
1,2,4-Trimethylbenzene  
Concen: 56.876 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion:105 Resp: 942108  
Ion Ratio Lower Upper  
105 100  
120 44.0 22.3 66.8

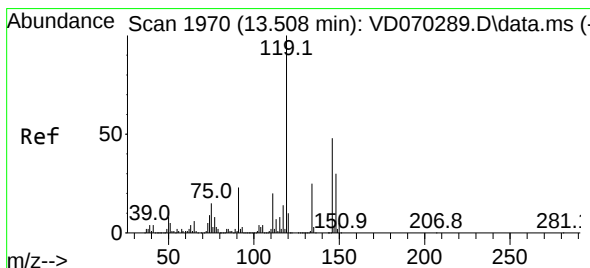
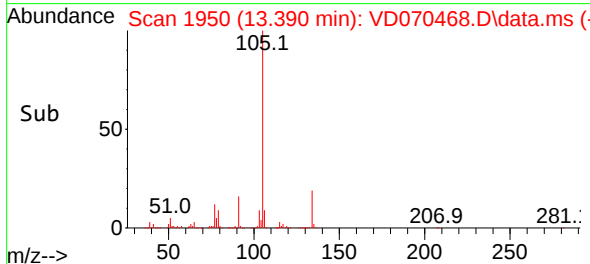
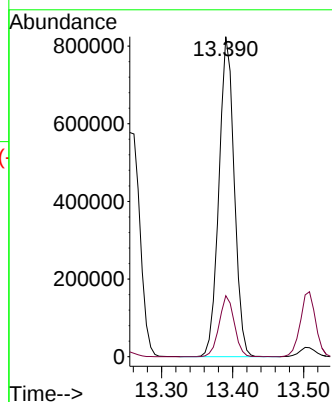
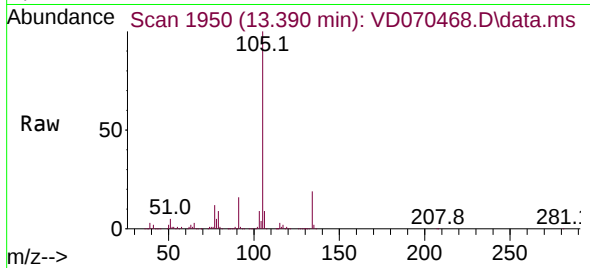




#85  
 sec-Butylbenzene  
 Concen: 57.203 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD070468.D  
 Acq: 27 Sep 2021 10:47

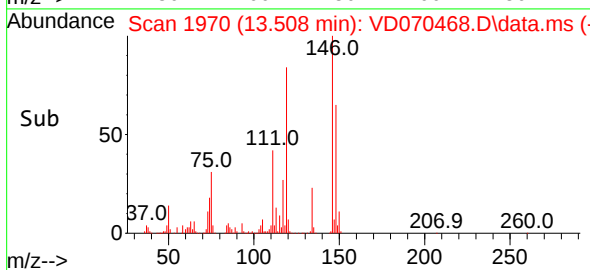
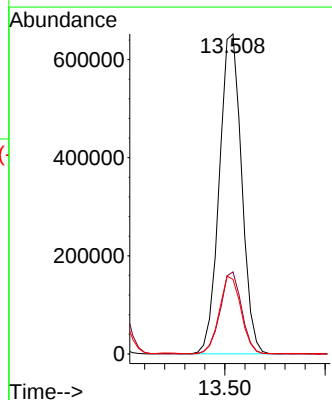
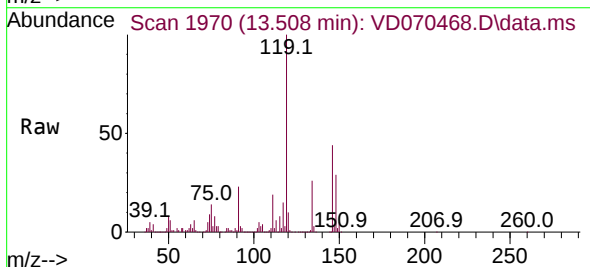
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 ClientSampleId :  
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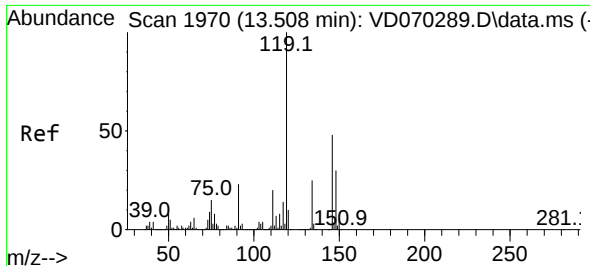
Tgt Ion:105 Resp: 1226653  
 Ion Ratio Lower Upper  
 105 100  
 134 18.8 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 58.328 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. -0.000 min  
 Lab File: VD070468.D  
 Acq: 27 Sep 2021 10:47

Tgt Ion:119 Resp: 1004960  
 Ion Ratio Lower Upper  
 119 100  
 134 24.7 12.7 38.0  
 91 23.7 11.8 35.3

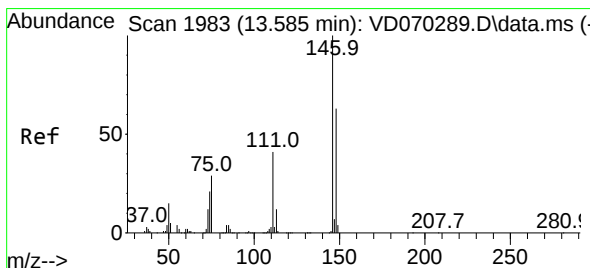
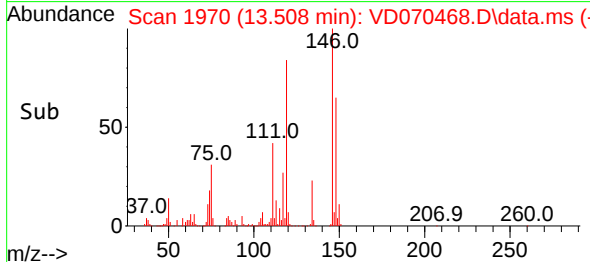
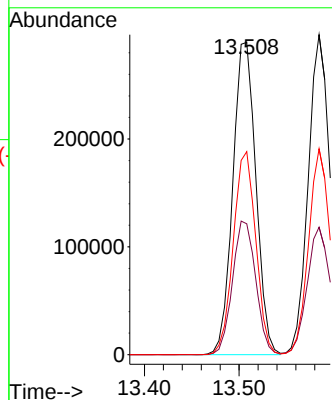
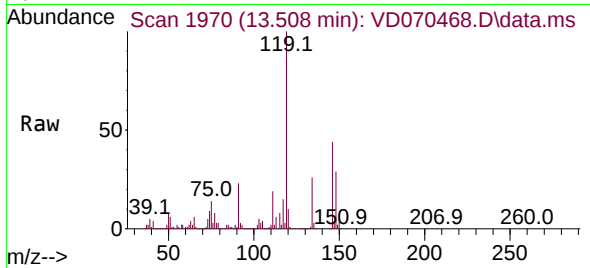




#87  
1,3-Dichlorobenzene  
Concen: 52.405 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

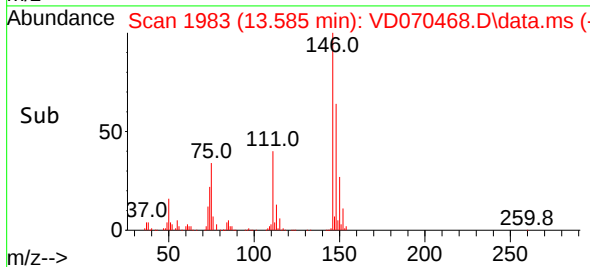
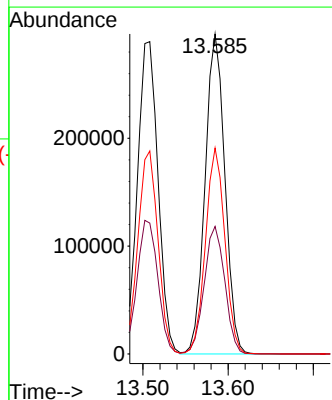
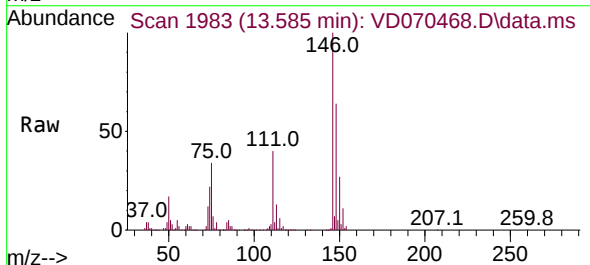
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

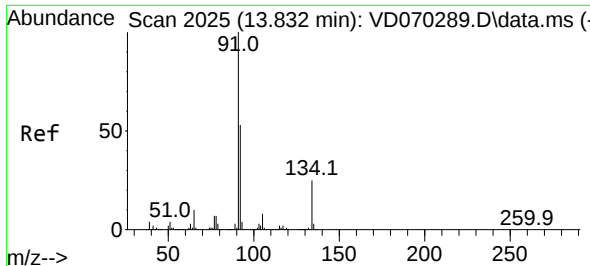
Tgt Ion:146 Resp: 490597  
Ion Ratio Lower Upper  
146 100  
111 43.1 21.5 64.5  
148 63.4 31.4 94.2



#88  
1,4-Dichlorobenzene  
Concen: 50.917 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion:146 Resp: 478454  
Ion Ratio Lower Upper  
146 100  
111 41.6 20.9 62.8  
148 63.3 31.9 95.5

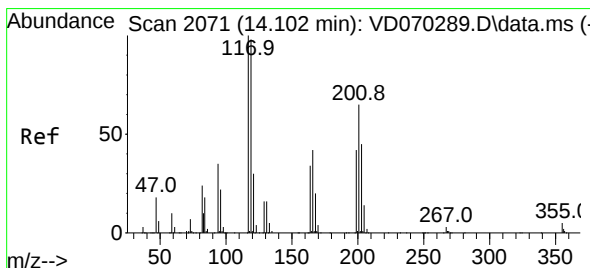
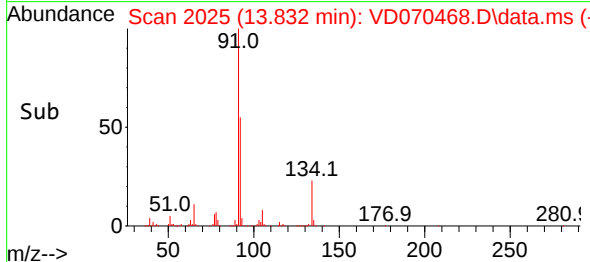
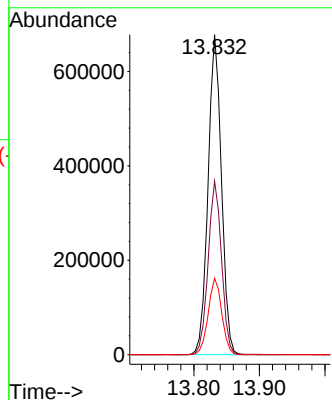
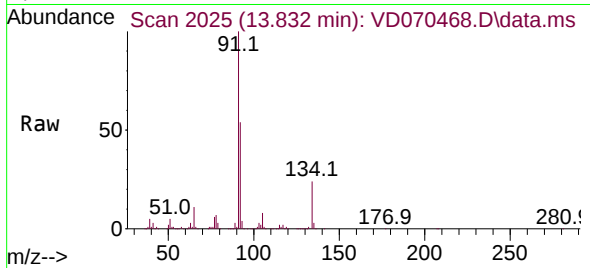




#89  
n-Butylbenzene  
Concen: 56.042 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

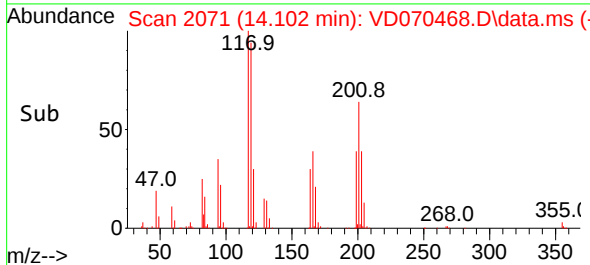
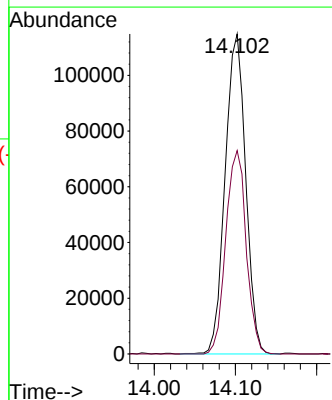
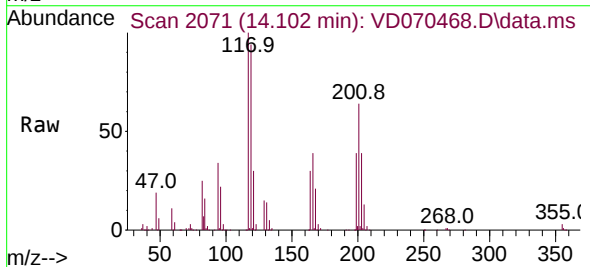
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

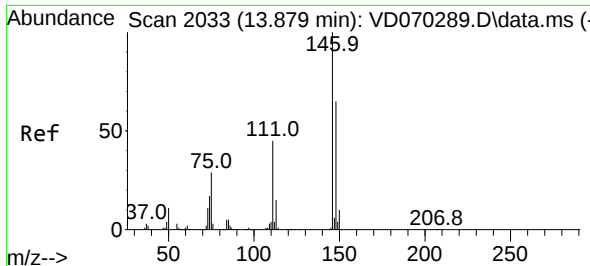
Tgt Ion: 91 Resp: 962689  
Ion Ratio Lower Upper  
91 100  
92 54.2 26.8 80.4  
134 24.3 12.1 36.3



#90  
Hexachloroethane  
Concen: 51.190 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 117 Resp: 201898  
Ion Ratio Lower Upper  
117 100  
201 63.2 31.9 95.9

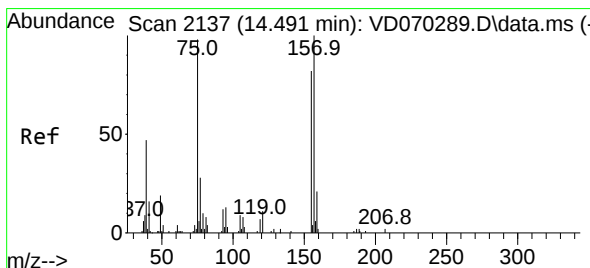
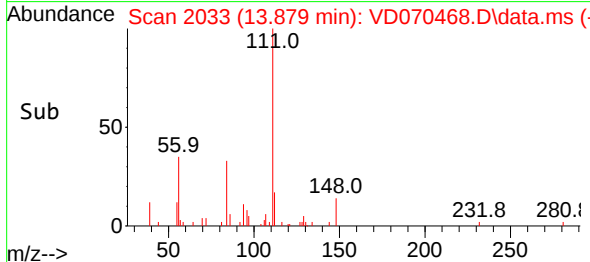
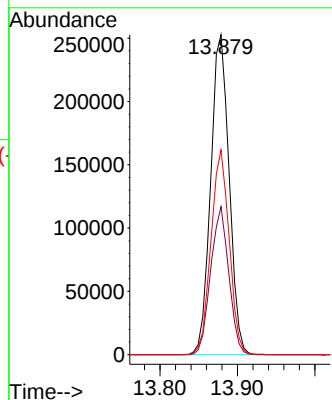
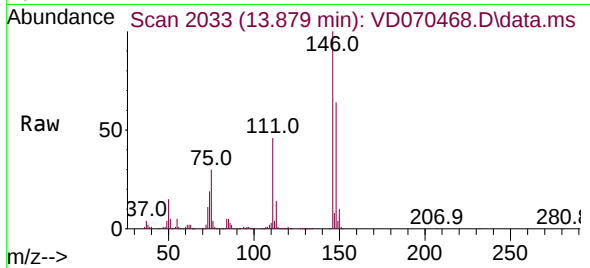




#91  
1,2-Dichlorobenzene  
Concen: 50.637 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

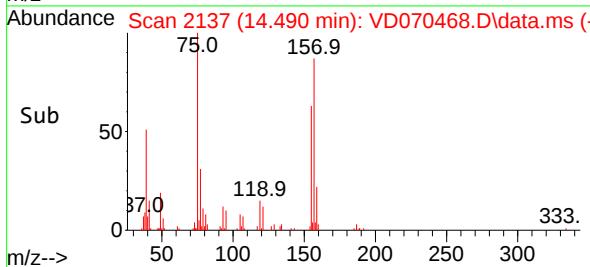
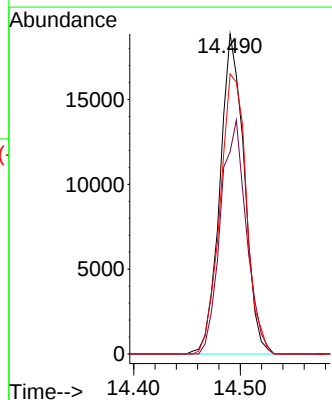
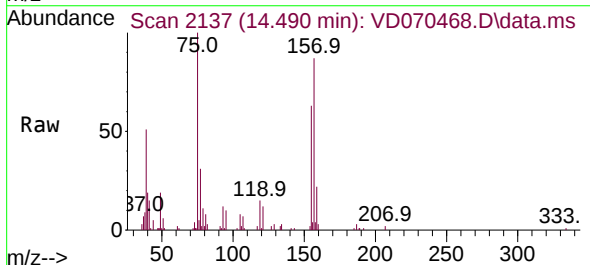
Instrument :  
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ClientSampleId :  
VSTDCCC050

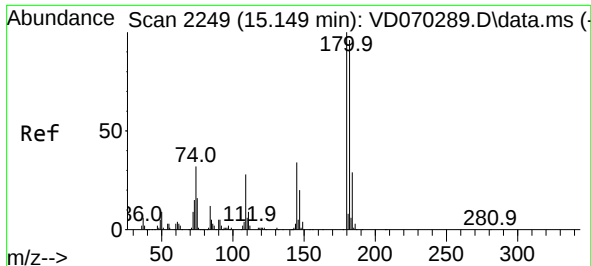
Tgt Ion:146 Resp: 418259  
Ion Ratio Lower Upper  
146 100  
111 45.3 21.9 65.7  
148 63.2 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.669 ug/l  
RT: 14.490 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion: 75 Resp: 29801  
Ion Ratio Lower Upper  
75 100  
155 77.5 40.3 120.9  
157 94.7 48.9 146.6

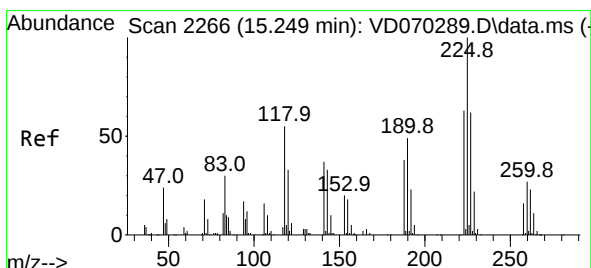
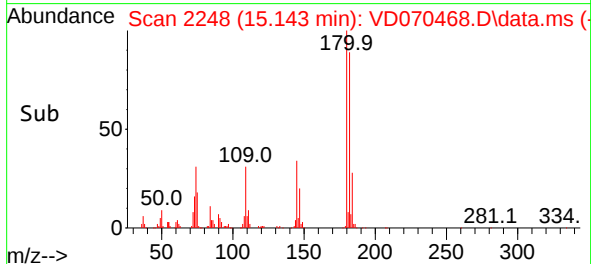
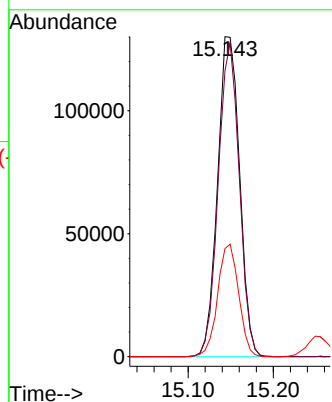
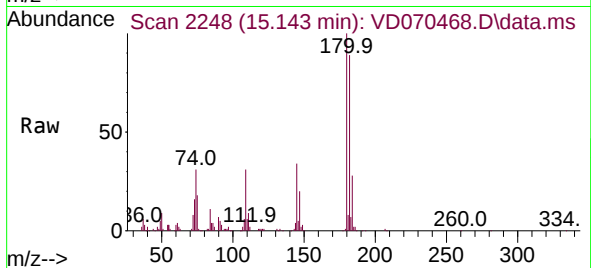




#93  
1,2,4-Trichlorobenzene  
Concen: 52.447 ug/l  
RT: 15.143 min Scan# 2248  
Delta R.T. -0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

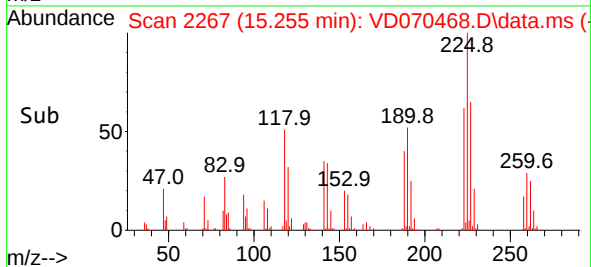
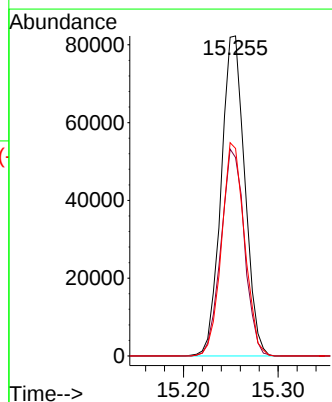
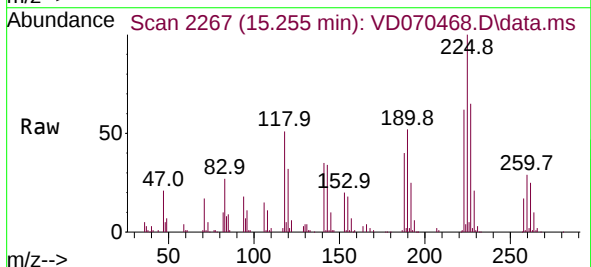
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ClientSampleId :  
VSTDCCC050

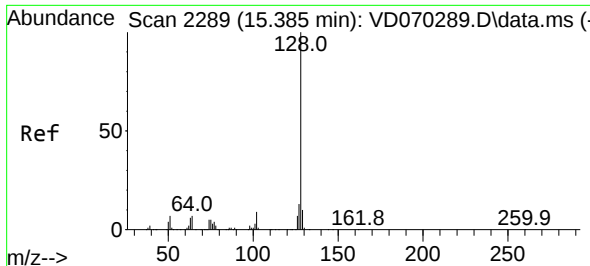
Tgt Ion:180 Resp: 233938  
Ion Ratio Lower Upper  
180 100  
182 93.4 48.1 144.4  
145 33.6 16.8 50.4



#94  
Hexachlorobutadiene  
Concen: 52.231 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. 0.006 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion:225 Resp: 142901  
Ion Ratio Lower Upper  
225 100  
223 63.8 31.4 94.3  
227 64.6 32.7 98.1

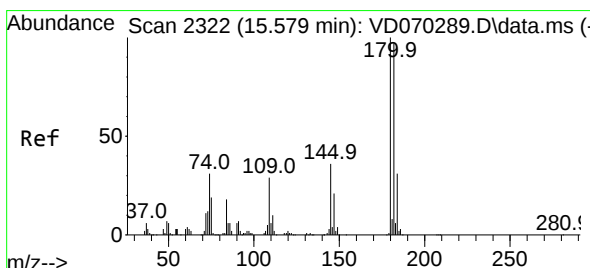
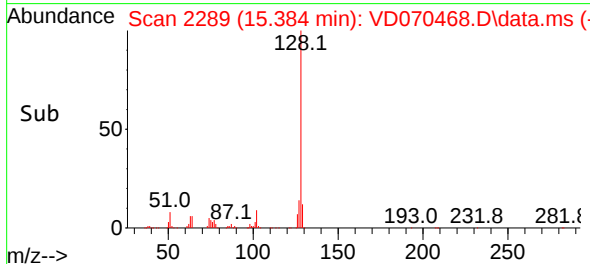
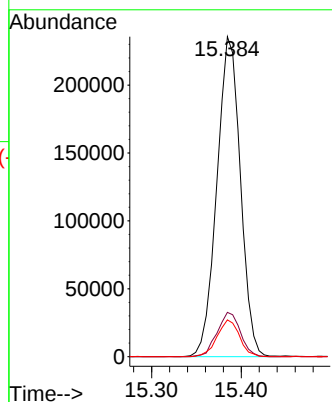
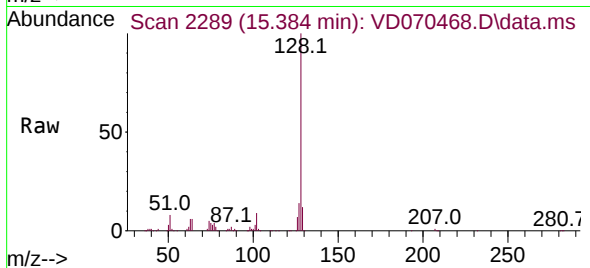




#95  
Naphthalene  
Concen: 52.944 ug/l  
RT: 15.384 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 429183  
Ion Ratio Lower Upper  
128 100  
127 13.7 10.5 15.7  
129 10.9 9.0 13.4



#96  
1,2,3-Trichlorobenzene  
Concen: 51.361 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VD070468.D  
Acq: 27 Sep 2021 10:47

Tgt Ion:180 Resp: 202130  
Ion Ratio Lower Upper  
180 100  
182 94.0 47.9 143.6  
145 36.9 17.7 53.1

