

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD040422\  
 Data File : VD072513.D  
 Acq On : 04 Apr 2022 11:48  
 Operator : VA/SY  
 Sample : VD0404SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0404SBS01

Quant Time: Apr 05 03:18:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D032922S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 02:44:36 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.973  | 168   | 338628   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861  | 114   | 560846   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.637 | 117   | 529682   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.561 | 152   | 287510   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326  | 65    | 196014   | 47.851   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 95.700%  |
| 35) Dibromofluoromethane     | 7.908  | 113   | 216003   | 49.558   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 99.120%  |
| 50) Toluene-d8               | 10.332 | 98    | 722675   | 47.699   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 95.400%  |
| 62) 4-Bromofluorobenzene     | 12.626 | 95    | 290986   | 49.178   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 98.360%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985  | 85    | 48641    | 18.099   | ug/l   | 96       |
| 3) Chloromethane             | 2.209  | 50    | 39596    | 15.929   | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.344  | 62    | 42165    | 15.428   | ug/l   | 95       |
| 5) Bromomethane              | 2.744  | 94    | 33531    | 17.505   | ug/l   | 88       |
| 6) Chloroethane              | 2.909  | 64    | 33233    | 18.152   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.267  | 101   | 107811   | 18.482   | ug/l   | 100      |
| 8) Diethyl Ether             | 3.703  | 74    | 29619    | 17.086   | ug/l   | 85       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097  | 101   | 74091    | 19.045   | ug/l   | 95       |
| 10) Methyl Iodide            | 4.303  | 142   | 46513    | 15.601   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.226  | 59    | 21502    | 99.397   | ug/l # | 90       |
| 12) 1,1-Dichloroethene       | 4.067  | 96    | 51837    | 17.043   | ug/l   | 84       |
| 13) Acrolein                 | 3.914  | 56    | 14576    | 151.838  | ug/l   | 90       |
| 14) Allyl chloride           | 4.714  | 41    | 82165    | 16.164   | ug/l # | 92       |
| 15) Acrylonitrile            | 5.420  | 53    | 81017    | 93.453   | ug/l # | 88       |
| 16) Acetone                  | 4.156  | 43    | 74375    | 97.370   | ug/l # | 89       |
| 17) Carbon Disulfide         | 4.403  | 76    | 67501    | 13.130   | ug/l   | 95       |
| 18) Methyl Acetate           | 4.714  | 43    | 47581    | 22.111   | ug/l # | 83       |
| 19) Methyl tert-butyl Ether  | 5.479  | 73    | 170335   | 19.187   | ug/l   | 95       |
| 20) Methylene Chloride       | 4.961  | 84    | 84886    | 18.667   | ug/l # | 83       |
| 21) trans-1,2-Dichloroethene | 5.473  | 96    | 58567    | 16.292   | ug/l # | 75       |
| 22) Diisopropyl ether        | 6.361  | 45    | 229919   | 18.815   | ug/l # | 91       |
| 23) Vinyl Acetate            | 6.302  | 43    | 521681   | 83.664   | ug/l # | 93       |
| 24) 1,1-Dichloroethane       | 6.261  | 63    | 139732   | 18.976   | ug/l   | 97       |
| 25) 2-Butanone               | 7.208  | 43    | 101813   | 96.377   | ug/l # | 89       |
| 26) 2,2-Dichloropropane      | 7.208  | 77    | 127353   | 19.472   | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 7.202  | 96    | 87172    | 18.877   | ug/l   | 90       |
| 28) Bromochloromethane       | 7.538  | 49    | 67935    | 21.532   | ug/l # | 72       |
| 29) Tetrahydrofuran          | 7.555  | 42    | 56397    | 88.424   | ug/l # | 88       |
| 30) Chloroform               | 7.708  | 83    | 167016   | 20.163   | ug/l   | 94       |
| 31) Cyclohexane              | 7.979  | 56    | 81239    | 15.167   | ug/l # | 81       |
| 32) 1,1,1-Trichloroethane    | 7.902  | 97    | 139748   | 19.891   | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.108  | 75    | 90849    | 17.068   | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.291  | 43    | 41552    | 17.992   | ug/l # | 92       |
| 38) Carbon Tetrachloride     | 8.091  | 117   | 114678   | 19.098   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.349  | 83    | 84887    | 15.210   | ug/l   | 99       |
| 40) Benzene                  | 8.349  | 78    | 284208   | 18.671   | ug/l   | 99       |

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 ALS Vial : 4 Sample Multiplier: 1

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 VD0404SBS01

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 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 02:44:36 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 21218    | 16.857  | ug/l # | 66       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 90144    | 19.375  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.444  | 43   | 81752    | 18.454  | ug/l # | 88       |
| 44) Trichloroethene           | 9.108  | 130  | 81308    | 18.815  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 83167    | 19.641  | ug/l   | 94       |
| 46) Dibromomethane            | 9.473  | 93   | 44474    | 20.019  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.655  | 83   | 132274   | 20.725  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.449  | 41   | 40109    | 18.649  | ug/l # | 88       |
| 49) 1,4-Dioxane               | 9.467  | 88   | 10000    | 378.409 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 228972   | 96.327  | ug/l   | 92       |
| 52) Toluene                   | 10.396 | 92   | 195290   | 19.312  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 112265   | 20.186  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 129257   | 19.657  | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 10.790 | 97   | 69423    | 20.613  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 72454    | 18.270  | ug/l # | 82       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 110243   | 19.800  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 194101   | 116.734 | ug/l   | 93       |
| 59) 2-Hexanone                | 10.979 | 43   | 152767   | 94.509  | ug/l   | 87       |
| 60) Dibromochloromethane      | 11.132 | 129  | 91556    | 21.074  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.243 | 107  | 61454    | 20.551  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.873 | 164  | 64852    | 18.739  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.661 | 112  | 235103   | 19.853  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 101455   | 21.428  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.738 | 91   | 383777   | 18.573  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.849 | 106  | 302374   | 38.571  | ug/l   | 98       |
| 69) o-Xylene                  | 12.173 | 106  | 148968   | 19.695  | ug/l   | 95       |
| 70) Styrene                   | 12.185 | 104  | 272051   | 20.408  | ug/l   | 97       |
| 71) Bromoform                 | 12.349 | 173  | 54352    | 21.655  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.473 | 105  | 414234   | 17.840  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 84622    | 17.369  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 85278    | 19.390  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 99011    | 31.575  | ug/l # | 100      |
| 77) Bromobenzene              | 12.755 | 156  | 101084   | 19.423  | ug/l   | 92       |
| 78) n-propylbenzene           | 12.808 | 91   | 521099   | 18.603  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 311367   | 19.007  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 375092   | 18.862  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 23921    | 18.719  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 328048   | 19.228  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 323631   | 18.798  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 375656   | 19.318  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 500038   | 19.283  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 407764   | 19.238  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 214383   | 19.879  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.584 | 146  | 213028   | 19.599  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.832 | 91   | 386234   | 19.128  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 86412    | 19.914  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 192757   | 20.265  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 13016    | 20.011  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 119326   | 20.239  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 69999    | 21.196  | ug/l   | 99       |
| 95) Naphthalene               | 15.384 | 128  | 195729   | 17.085  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 101019   | 19.632  | ug/l   | 98       |

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Quant Title : SW846 8260  
QLast Update : Wed Mar 30 02:44:36 2022  
Response via : Initial Calibration

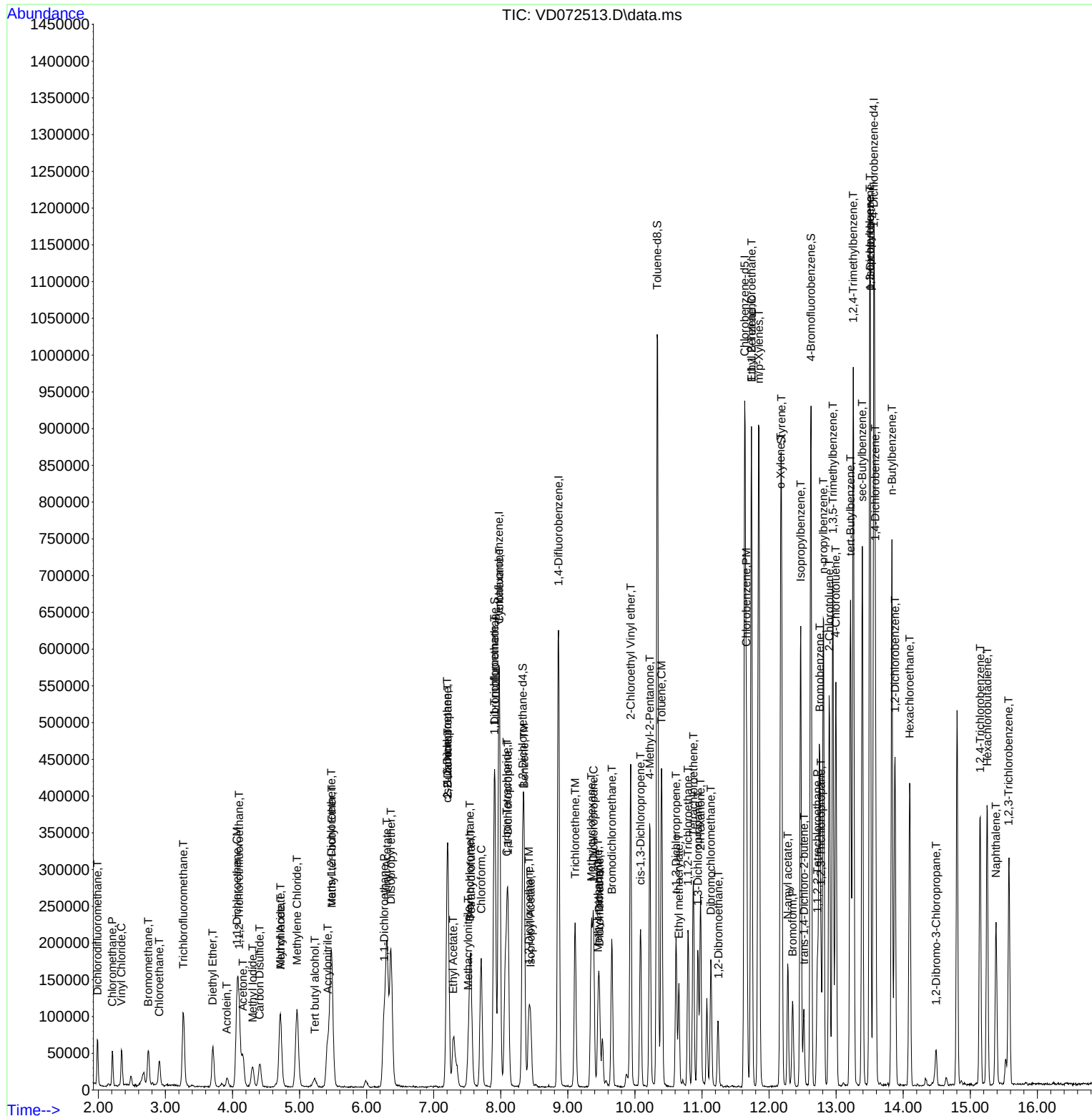
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

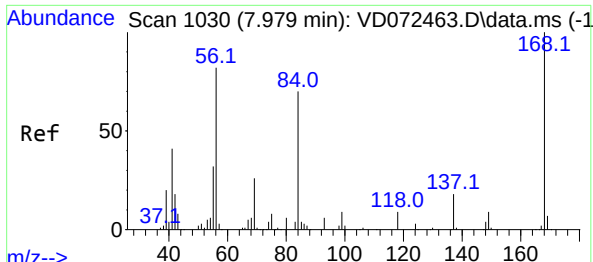
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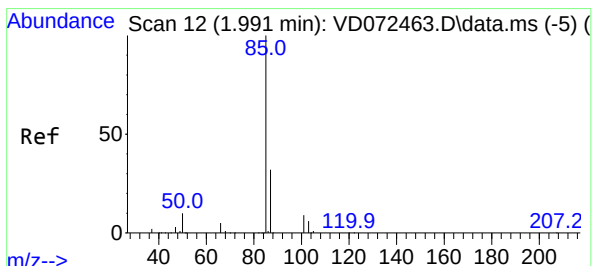
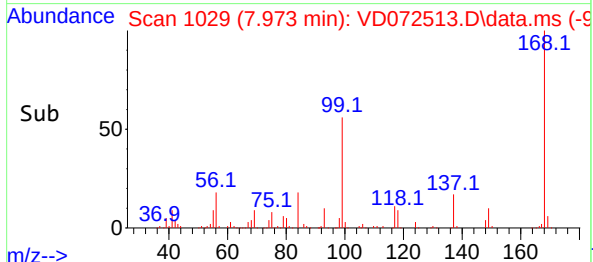
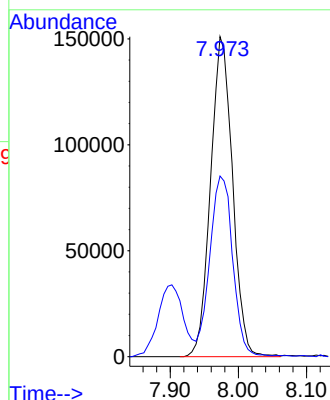
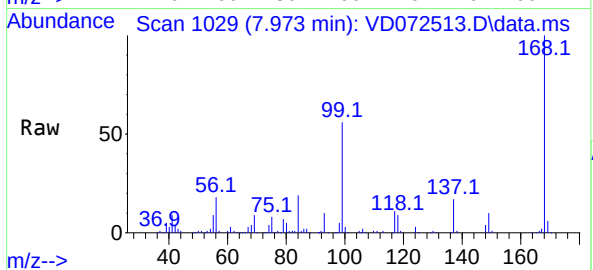




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

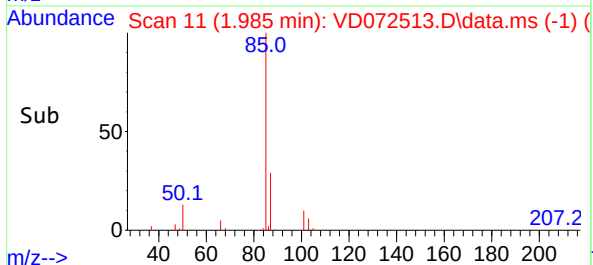
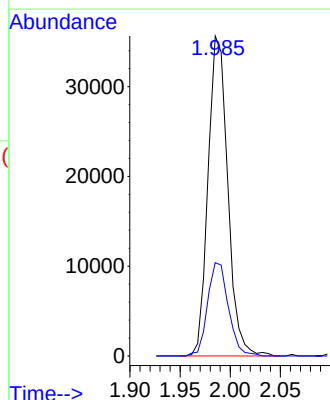
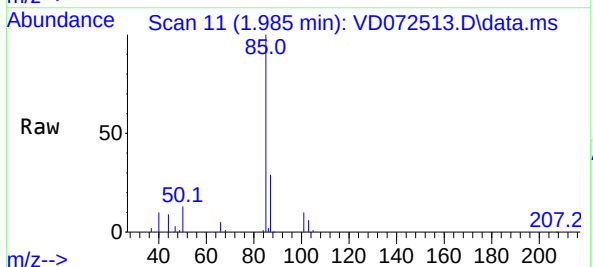
Instrument :  
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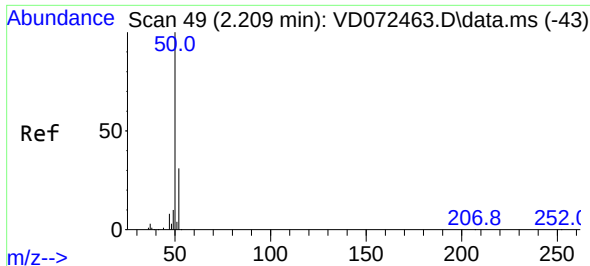
Tgt Ion:168 Resp: 338628  
Ion Ratio Lower Upper  
168 100  
99 56.1 49.8 74.6



#2  
Dichlorodifluoromethane  
Concen: 18.099 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 85 Resp: 48641  
Ion Ratio Lower Upper  
85 100  
87 29.2 15.7 47.0

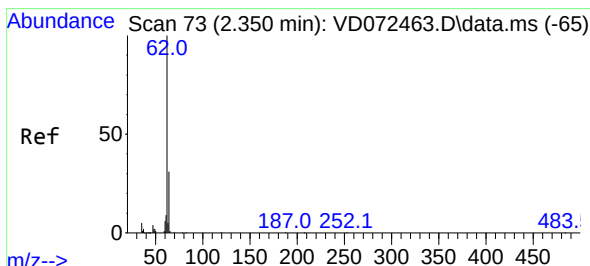
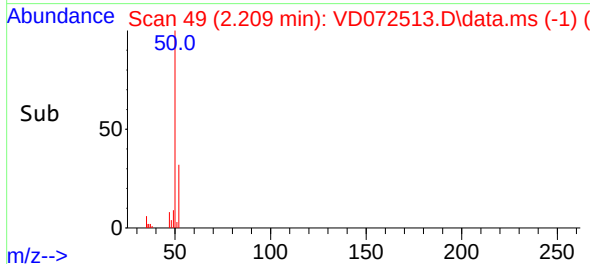
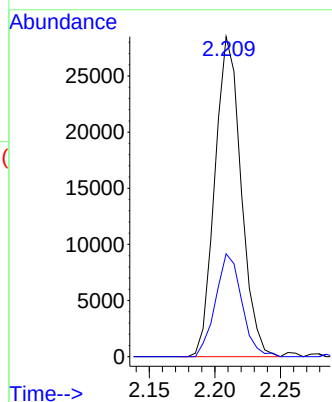
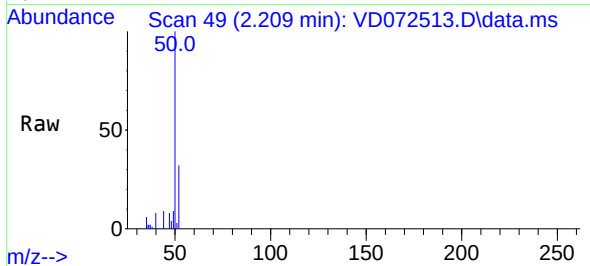




#3  
Chloromethane  
Concen: 15.929 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

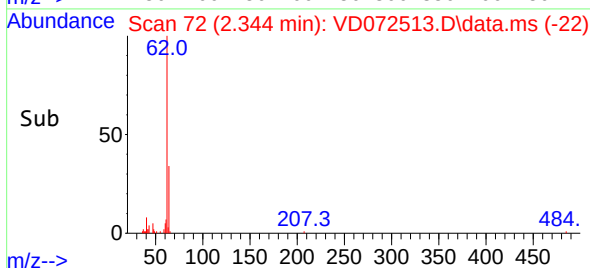
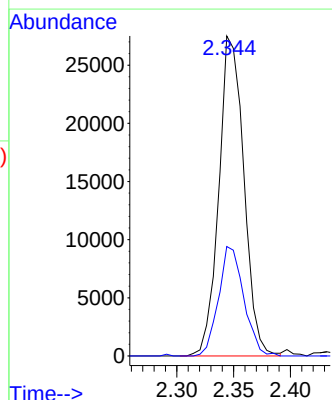
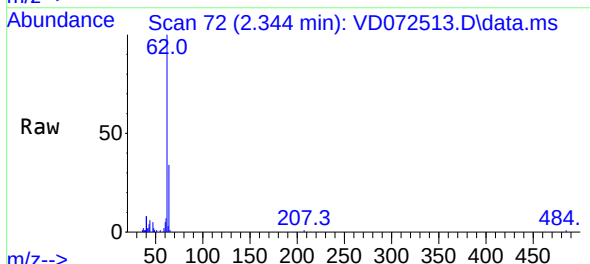
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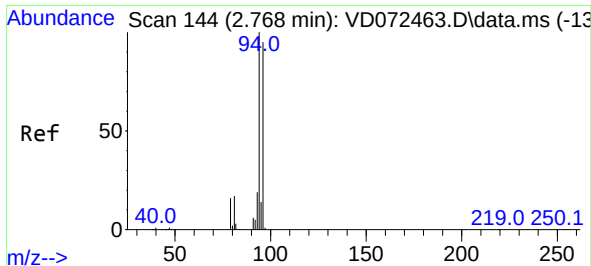
Tgt Ion: 50 Resp: 39596  
Ion Ratio Lower Upper  
50 100  
52 32.2 27.4 41.0



#4  
Vinyl Chloride  
Concen: 15.428 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 62 Resp: 42165  
Ion Ratio Lower Upper  
62 100  
64 34.2 25.4 38.0

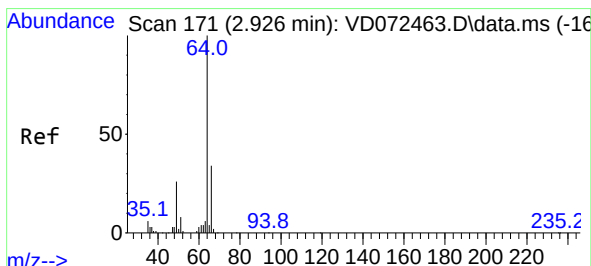
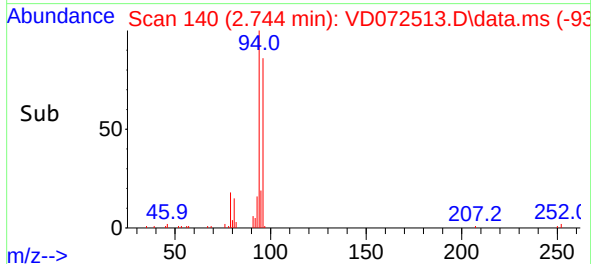
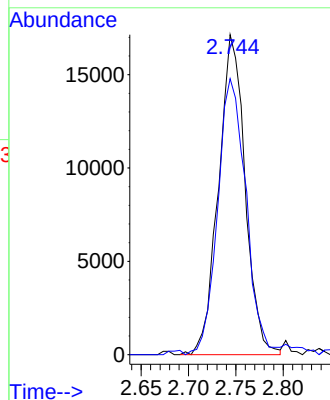
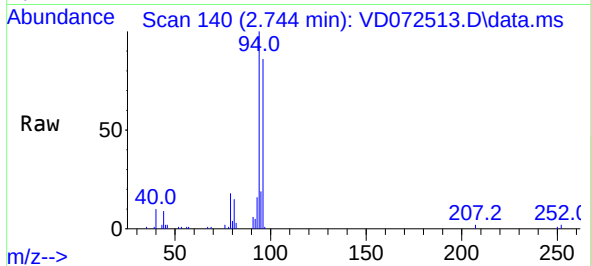




#5  
Bromomethane  
Concen: 17.505 ug/l  
RT: 2.744 min Scan# 144  
Delta R.T. -0.024 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

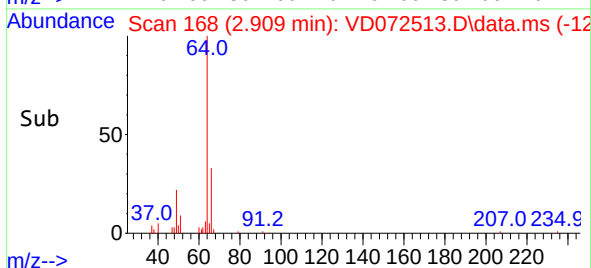
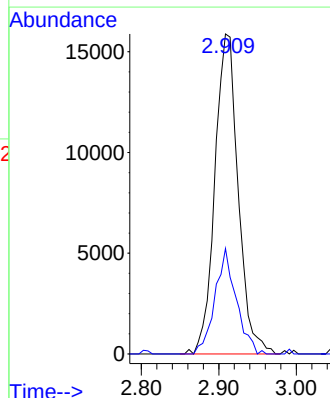
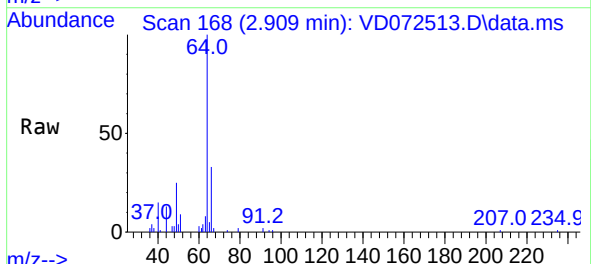
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VD0404SBS01

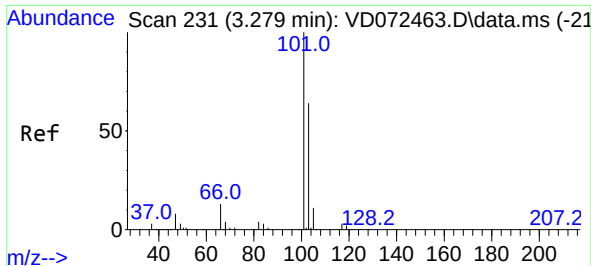
Tgt Ion: 94 Resp: 33531  
Ion Ratio Lower Upper  
94 100  
96 84.9 77.6 116.4



#6  
Chloroethane  
Concen: 18.152 ug/l  
RT: 2.909 min Scan# 168  
Delta R.T. -0.018 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 64 Resp: 33233  
Ion Ratio Lower Upper  
64 100  
66 32.9 25.9 38.9

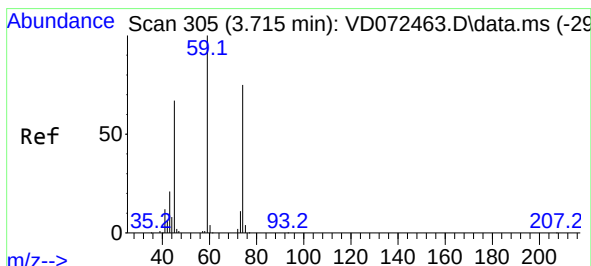
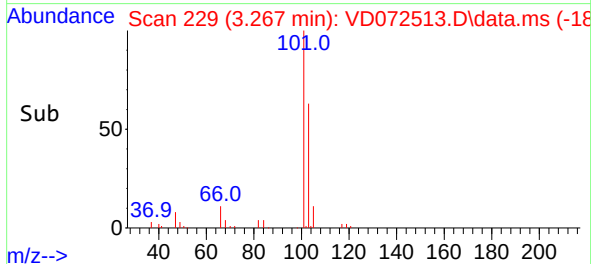
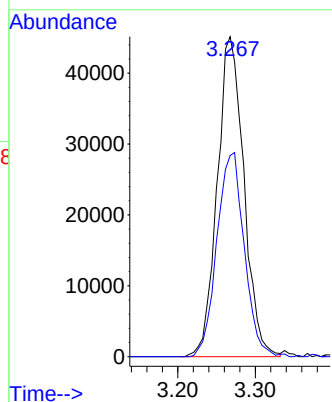
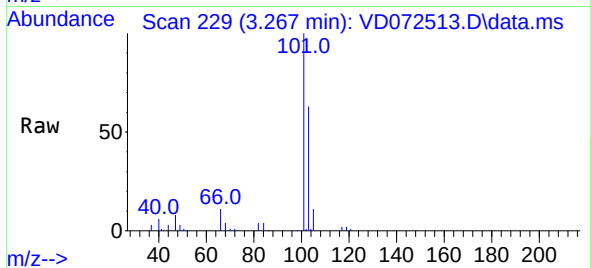




#7  
Trichlorofluoromethane  
Concen: 18.482 ug/l  
RT: 3.267 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

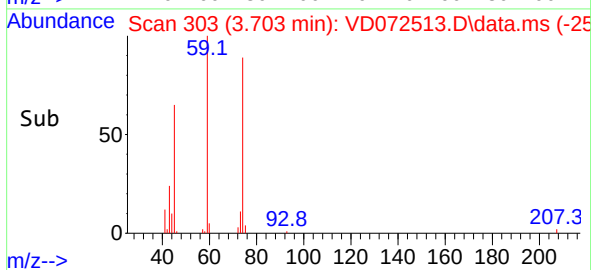
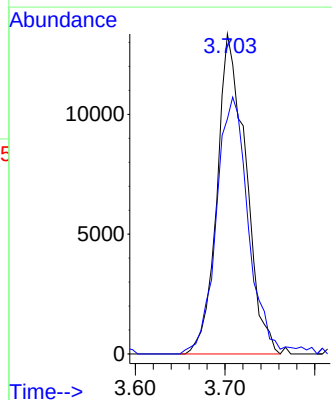
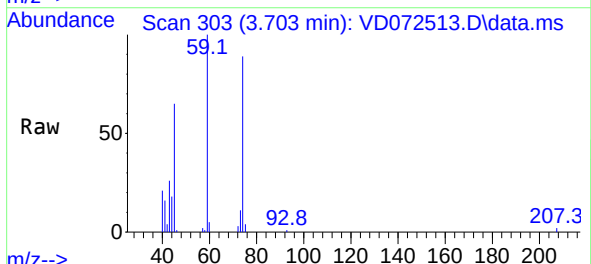
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

Tgt Ion:101 Resp: 107811  
Ion Ratio Lower Upper  
101 100  
103 62.9 50.1 75.1

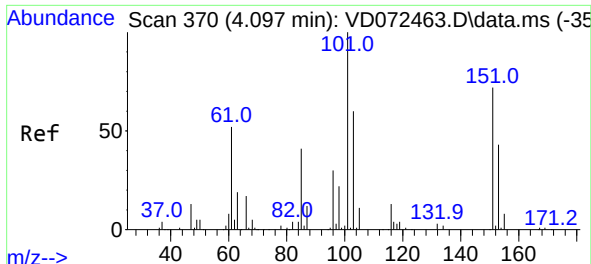


#8  
Diethyl Ether  
Concen: 17.086 ug/l  
RT: 3.703 min Scan# 303  
Delta R.T. -0.012 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 74 Resp: 29619  
Ion Ratio Lower Upper  
74 100  
45 89.5 52.6 157.8



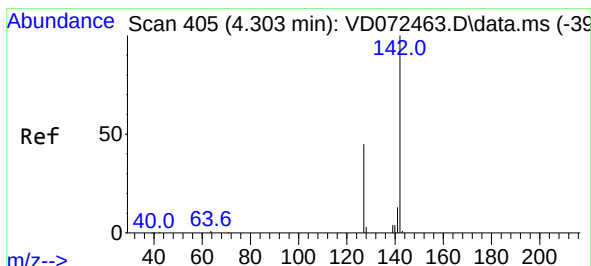
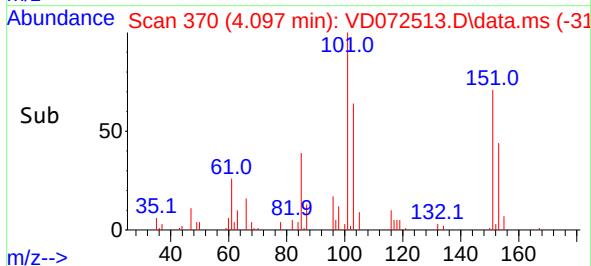
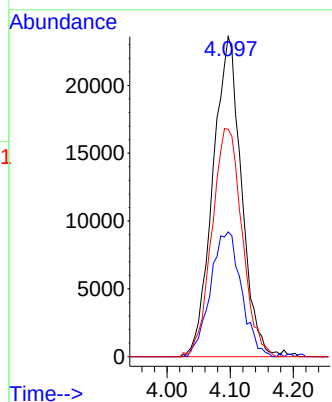
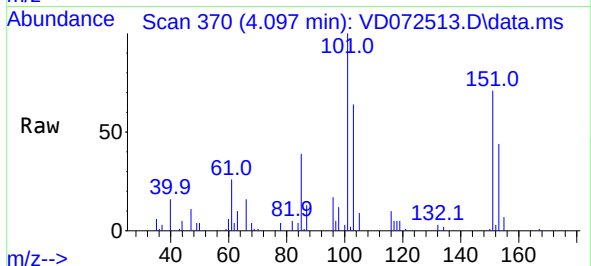




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.045 ug/l  
RT: 4.097 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

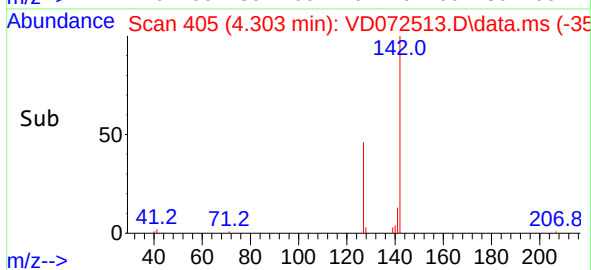
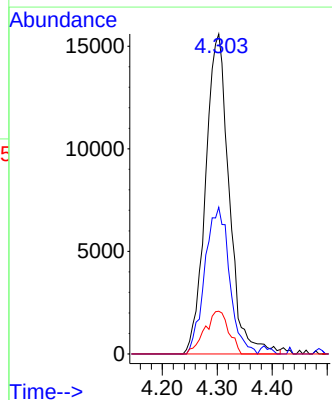
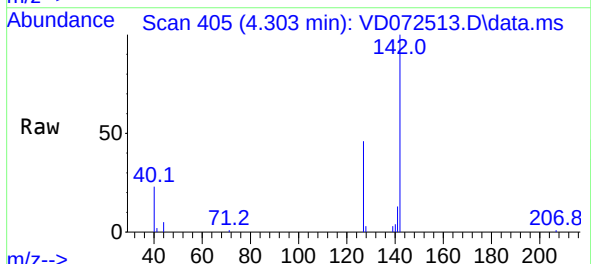
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

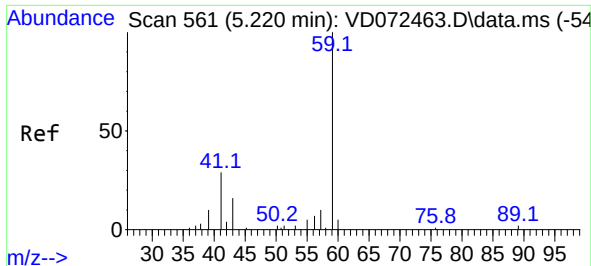
Tgt Ion:101 Resp: 74091  
Ion Ratio Lower Upper  
101 100  
85 42.4 36.4 54.6  
151 75.4 57.3 85.9



#10  
Methyl Iodide  
Concen: 15.601 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion:142 Resp: 46513  
Ion Ratio Lower Upper  
142 100  
127 47.7 37.3 55.9  
141 13.6 11.7 17.5

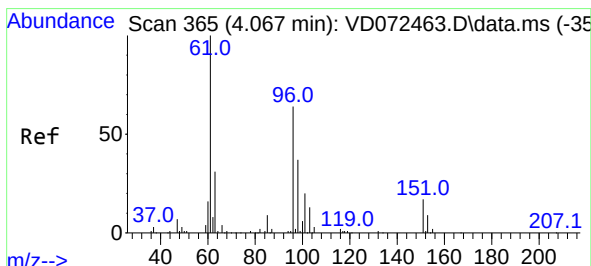
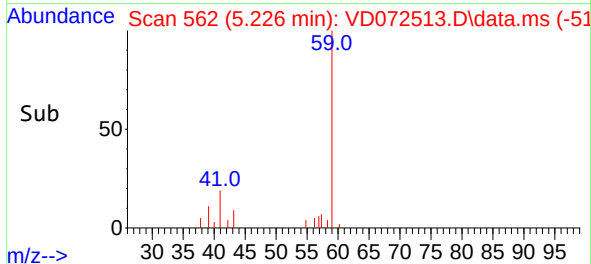
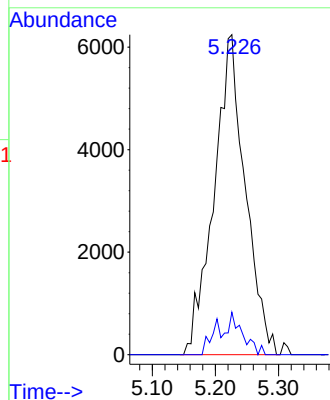
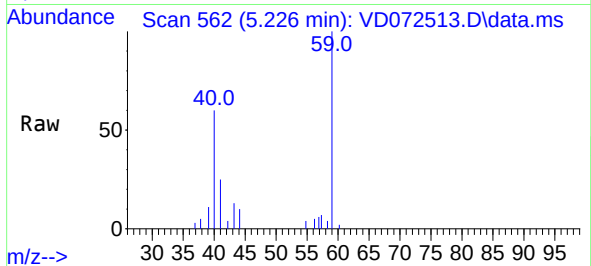




#11  
Tert butyl alcohol  
Concen: 99.397 ug/l  
RT: 5.226 min Scan# 501  
Delta R.T. 0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

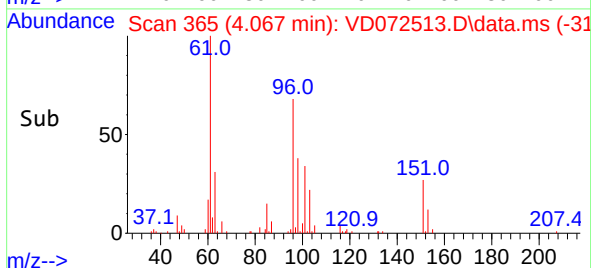
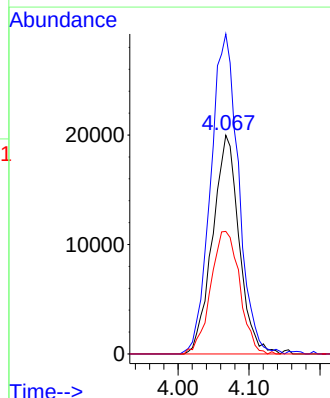
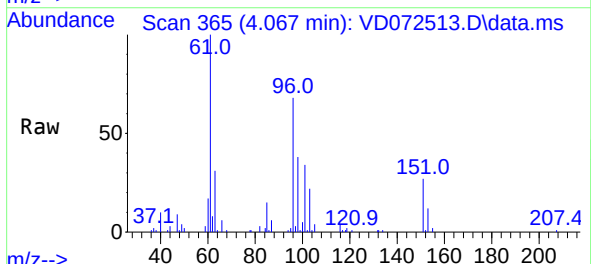
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

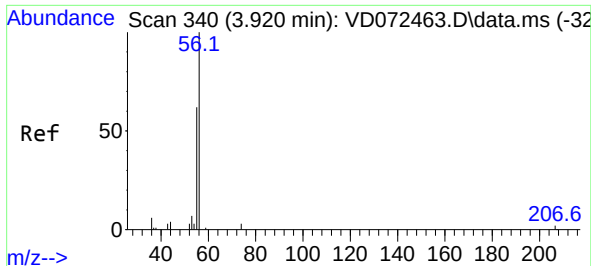
Tgt Ion: 59 Resp: 21502  
Ion Ratio Lower Upper  
59 100  
57 6.0 7.8 11.6#



#12  
1,1-Dichloroethene  
Concen: 17.043 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 96 Resp: 51837  
Ion Ratio Lower Upper  
96 100  
61 146.3 138.5 207.7  
98 56.0 48.6 73.0

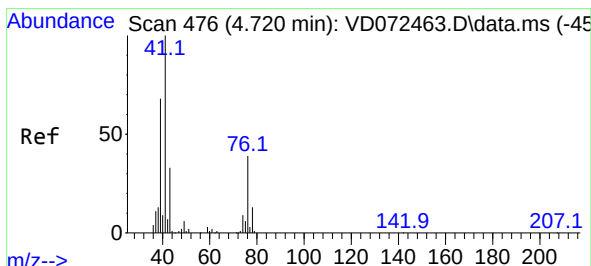
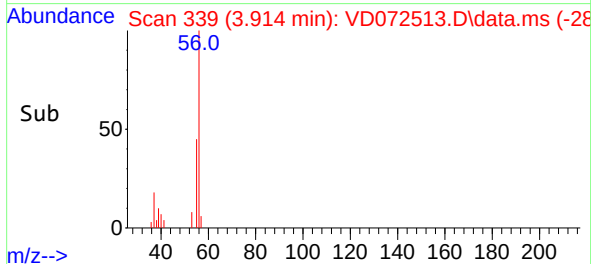
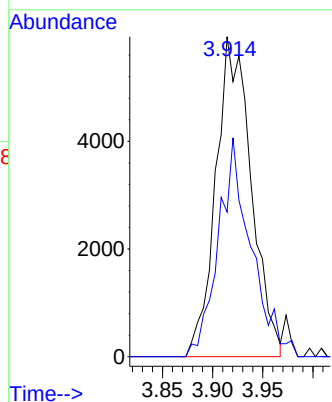
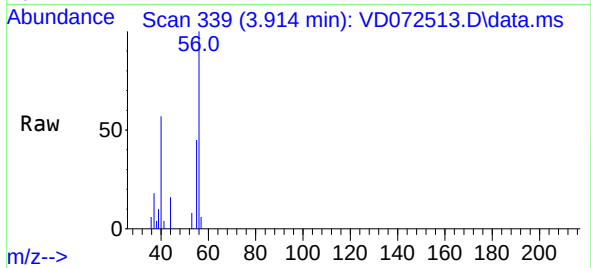




#13  
Acrolein  
Concen: 151.838 ug/l  
RT: 3.914 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

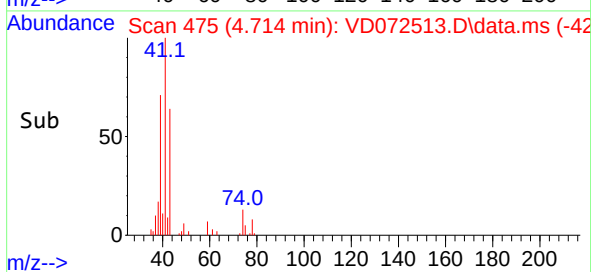
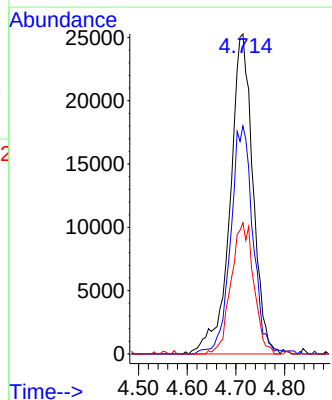
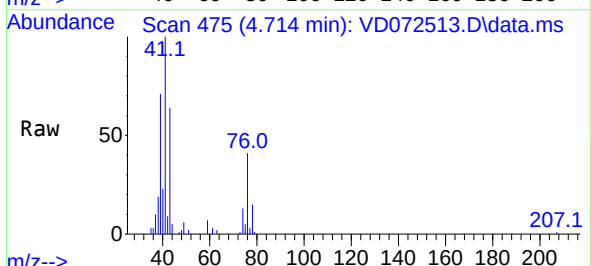
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

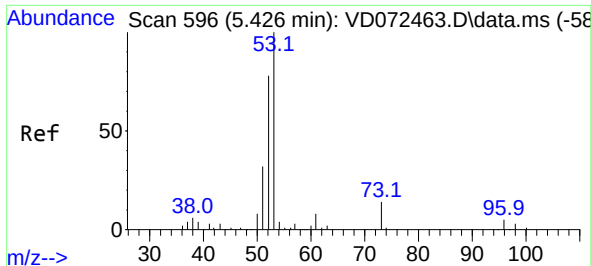
Tgt Ion: 56 Resp: 14576  
Ion Ratio Lower Upper  
56 100  
55 63.0 57.1 85.7



#14  
Allyl chloride  
Concen: 16.164 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 41 Resp: 82165  
Ion Ratio Lower Upper  
41 100  
39 69.8 59.3 88.9  
76 40.5 25.7 38.5#

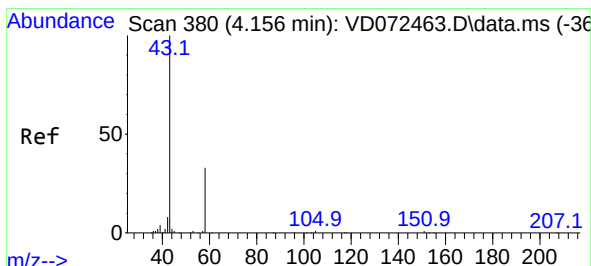
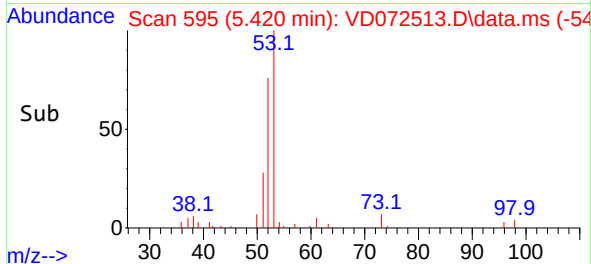
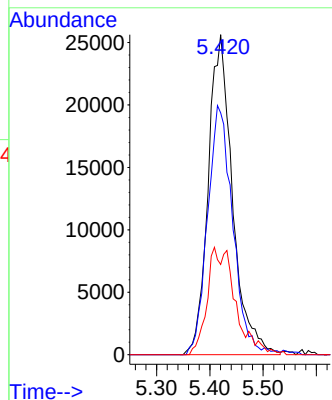
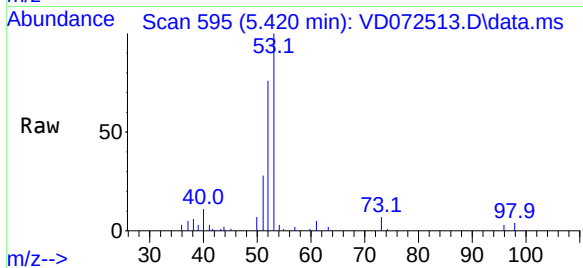




#15  
Acrylonitrile  
Concen: 93.453 ug/l  
RT: 5.420 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

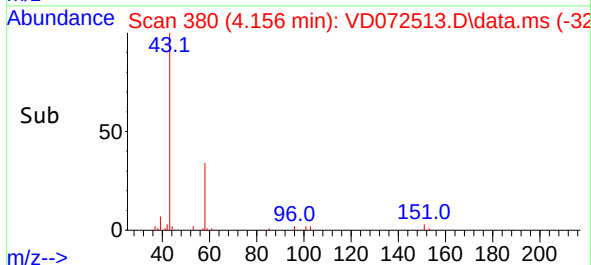
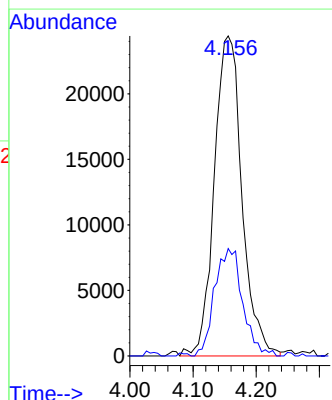
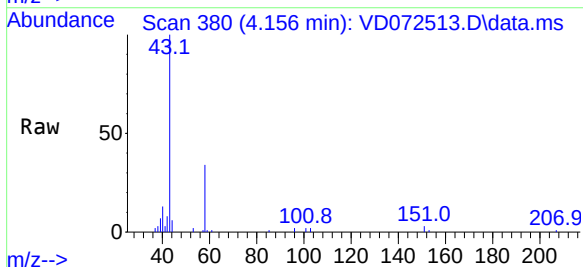
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

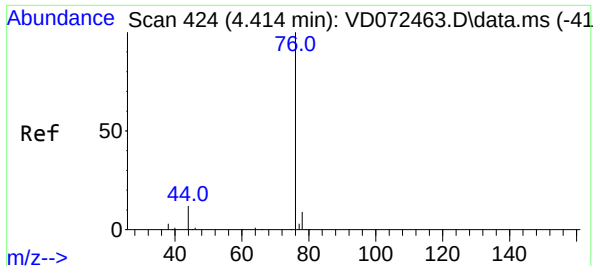
Tgt Ion: 53 Resp: 81017  
Ion Ratio Lower Upper  
53 100  
52 81.0 67.2 100.8  
51 19.0 30.3 45.5#



#16  
Acetone  
Concen: 97.370 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 43 Resp: 74375  
Ion Ratio Lower Upper  
43 100  
58 33.5 22.1 33.1#

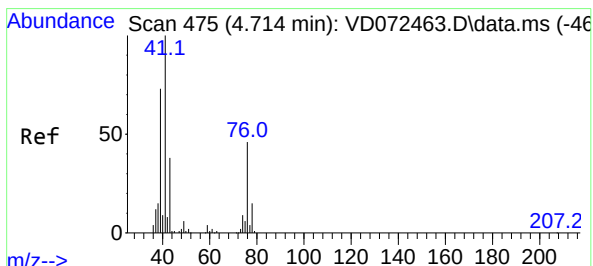
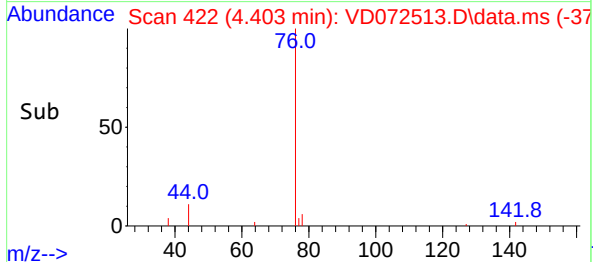
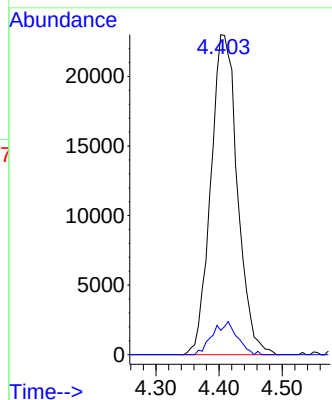
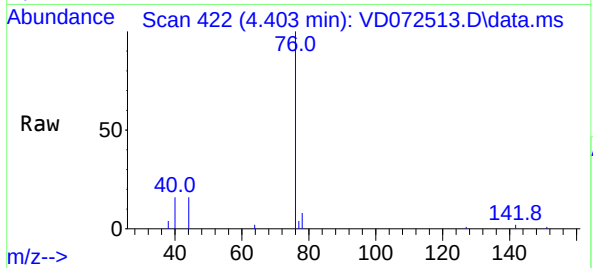




#17  
Carbon Disulfide  
Concen: 13.130 ug/l  
RT: 4.403 min Scan# 41  
Delta R.T. -0.011 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

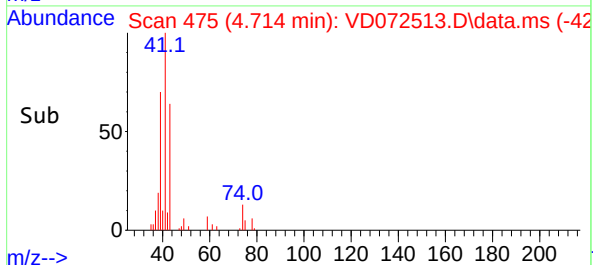
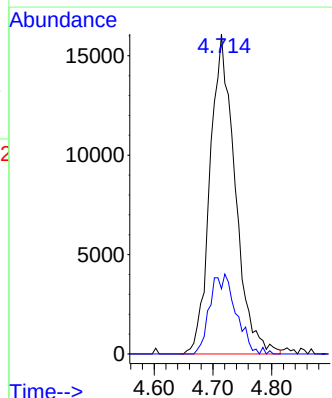
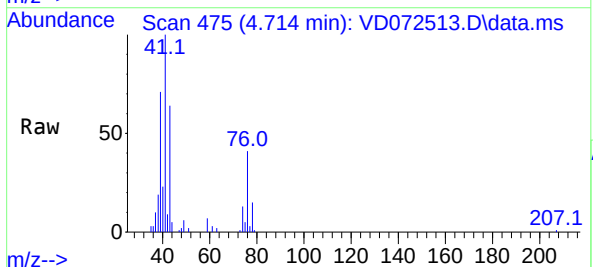
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

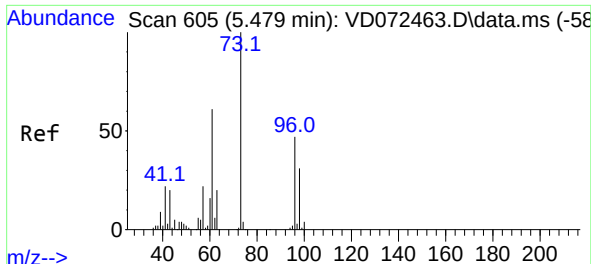
Tgt Ion: 76 Resp: 67501  
Ion Ratio Lower Upper  
76 100  
78 7.6 7.5 11.3



#18  
Methyl Acetate  
Concen: 22.111 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 43 Resp: 47581  
Ion Ratio Lower Upper  
43 100  
74 12.7 16.7 25.1#

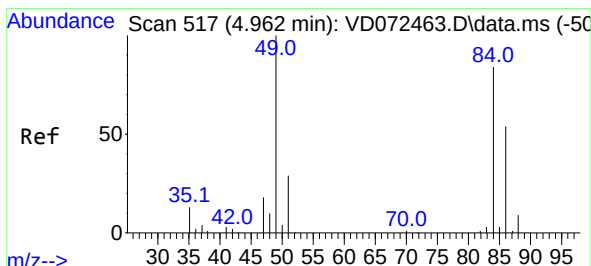
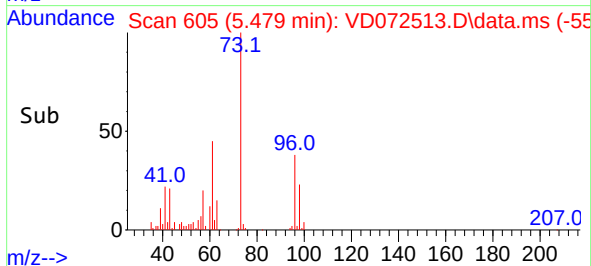
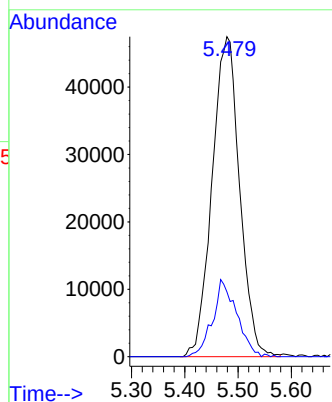
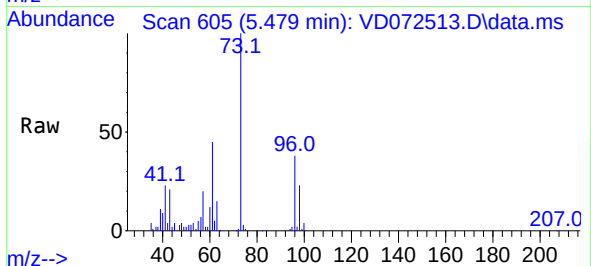




#19  
Methyl tert-butyl Ether  
Concen: 19.187 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

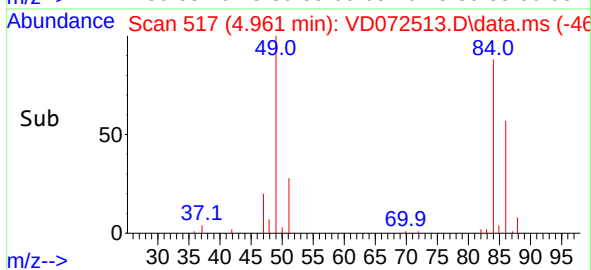
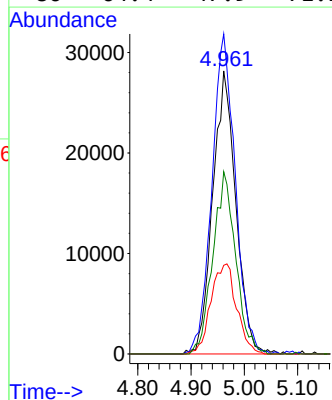
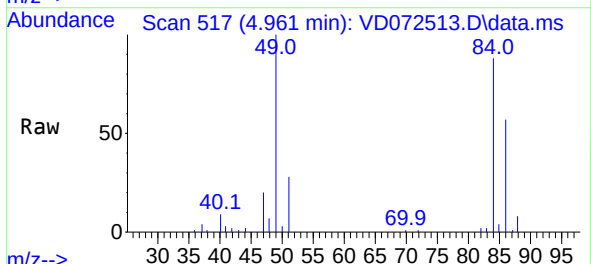
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

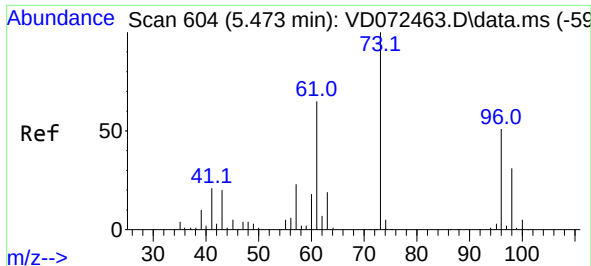
Tgt Ion: 73 Resp: 170335  
Ion Ratio Lower Upper  
73 100  
57 20.2 18.0 27.0



#20  
Methylene Chloride  
Concen: 18.667 ug/l  
RT: 4.961 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 84 Resp: 84886  
Ion Ratio Lower Upper  
84 100  
49 113.1 112.8 169.2  
51 31.3 32.6 48.8#  
86 64.4 47.9 71.9

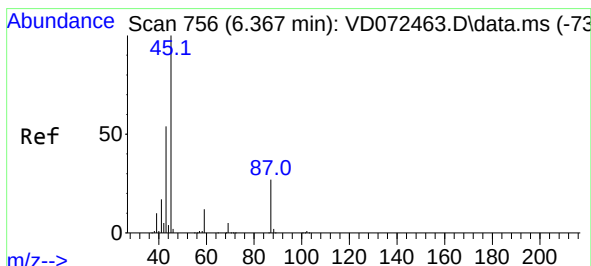
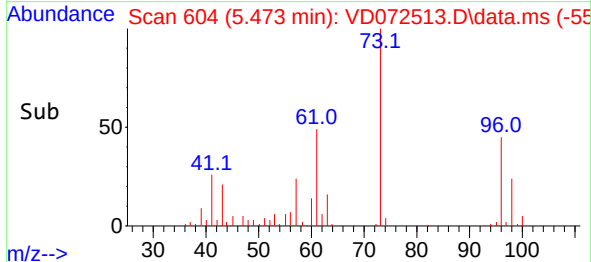
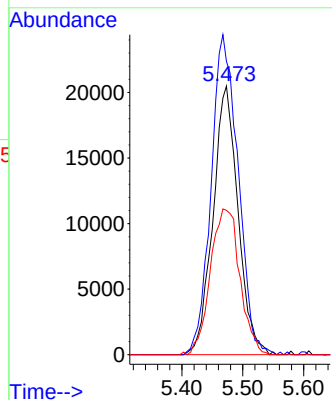
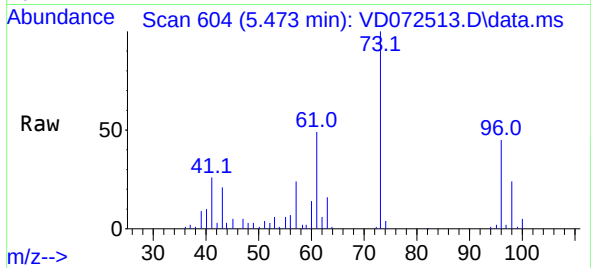




#21  
trans-1,2-Dichloroethene  
Concen: 16.292 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

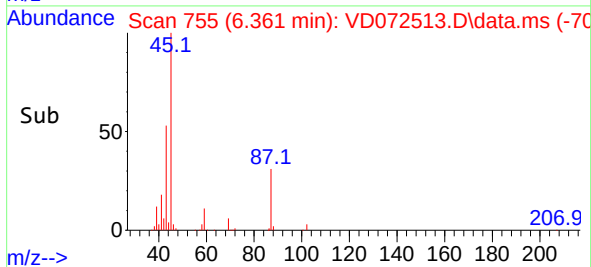
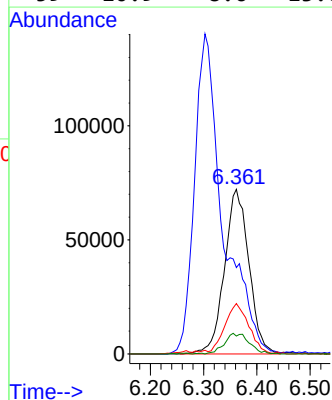
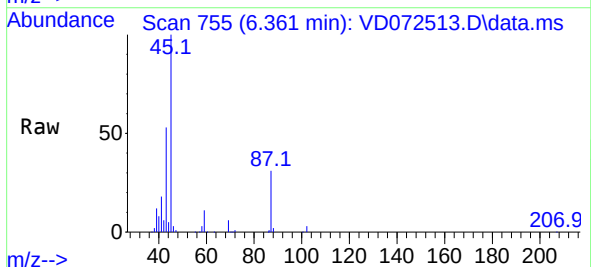
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

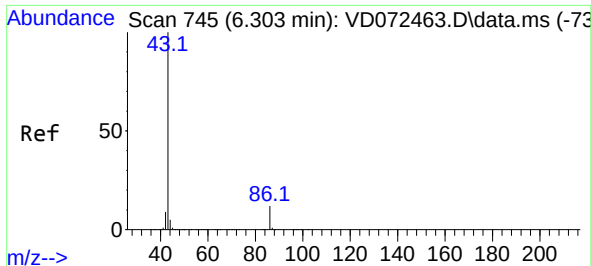
Tgt Ion: 96 Resp: 58567  
Ion Ratio Lower Upper  
96 100  
61 109.2 117.9 176.9#  
98 53.7 49.4 74.2



#22  
Diisopropyl ether  
Concen: 18.815 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 45 Resp: 229919  
Ion Ratio Lower Upper  
45 100  
43 51.6 46.6 70.0  
87 30.2 18.4 27.6#  
59 10.9 8.6 13.0

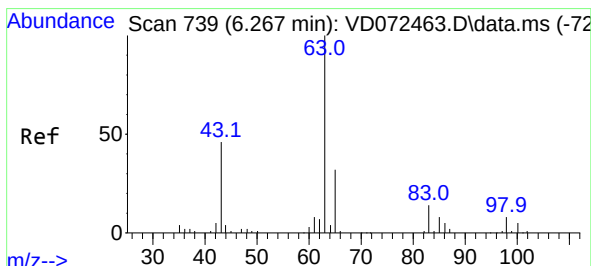
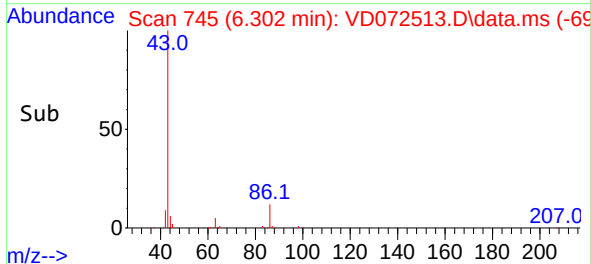
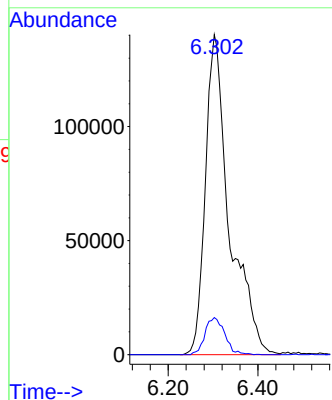
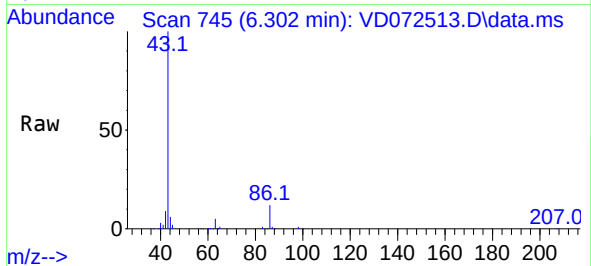




#23  
 Vinyl Acetate  
 Concen: 83.664 ug/l  
 RT: 6.302 min Scan# 74  
 Delta R.T. -0.001 min  
 Lab File: VD072513.D  
 Acq: 04 Apr 2022 11:48

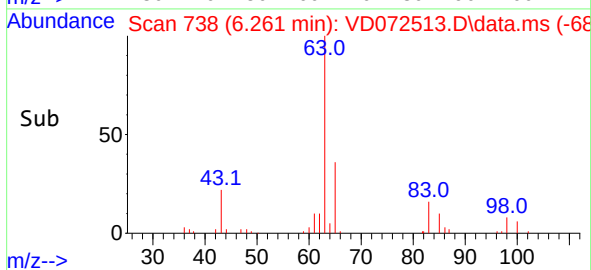
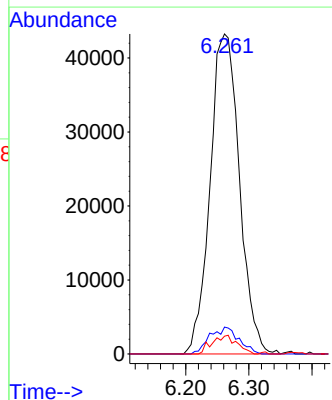
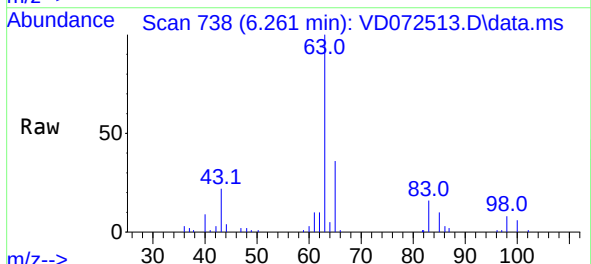
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0404SBS01

Tgt Ion: 43 Resp: 521681  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 7.1 10.7#

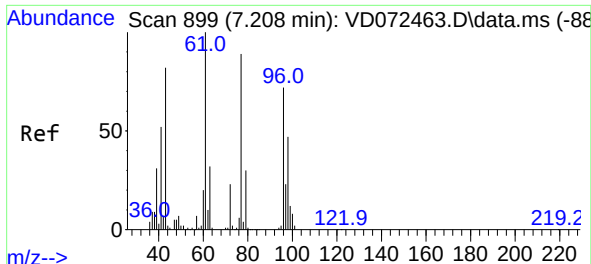


#24  
 1,1-Dichloroethane  
 Concen: 18.976 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.006 min  
 Lab File: VD072513.D  
 Acq: 04 Apr 2022 11:48

Tgt Ion: 63 Resp: 139732  
 Ion Ratio Lower Upper  
 63 100  
 98 8.4 3.6 10.9  
 100 5.6 2.1 6.5



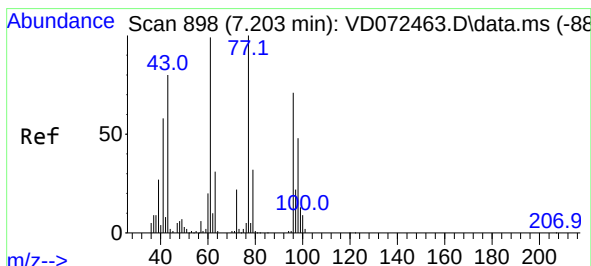
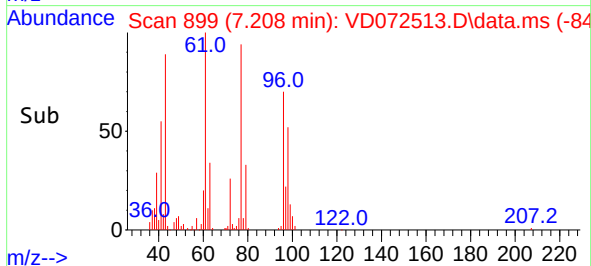
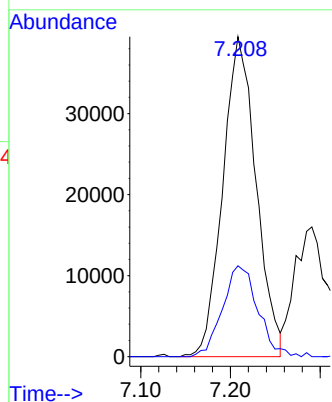
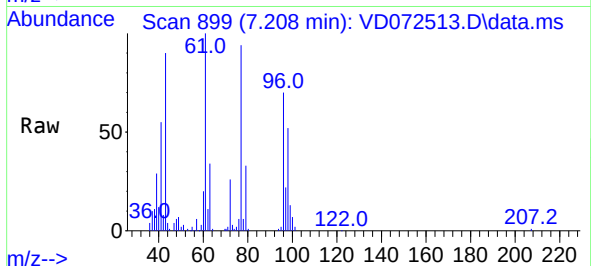




#25  
2-Butanone  
Concen: 96.377 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

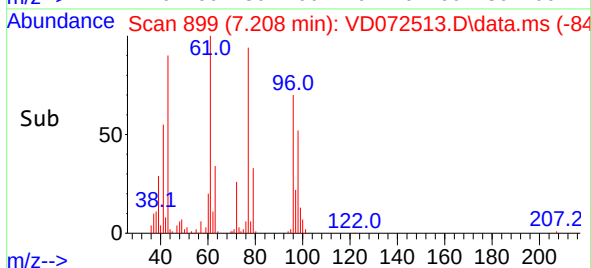
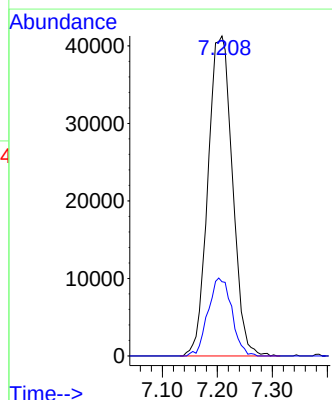
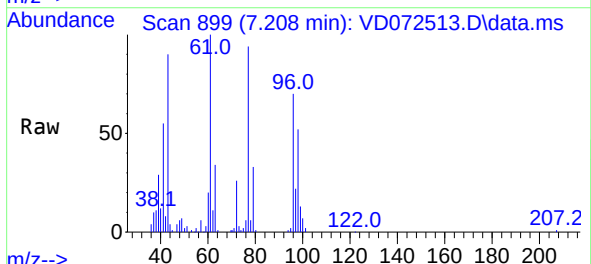
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

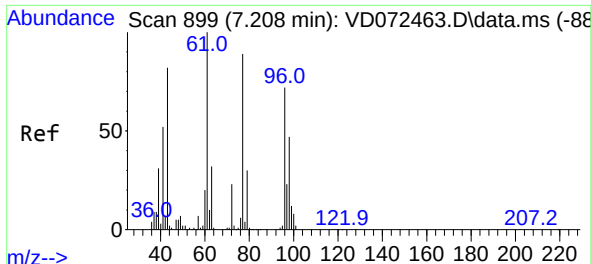
Tgt Ion: 43 Resp: 101813  
Ion Ratio Lower Upper  
43 100  
72 28.4 18.6 27.8#



#26  
2,2-Dichloropropane  
Concen: 19.472 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. 0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 77 Resp: 127353  
Ion Ratio Lower Upper  
77 100  
97 23.7 10.8 32.4

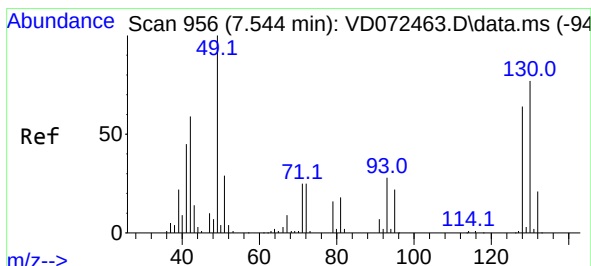
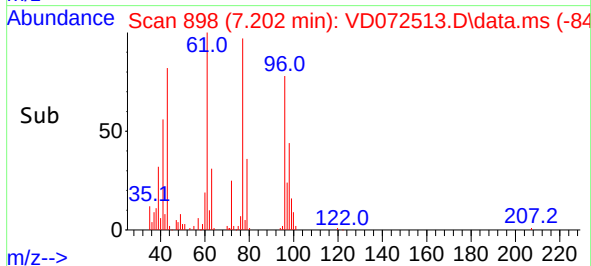
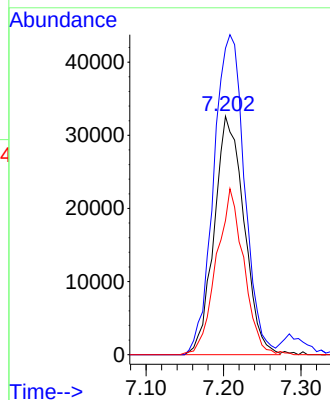
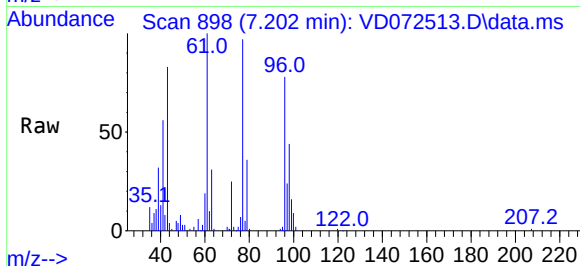




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.877 ug/l  
 RT: 7.202 min Scan# 899  
 Delta R.T. -0.006 min  
 Lab File: VD072513.D  
 Acq: 04 Apr 2022 11:48

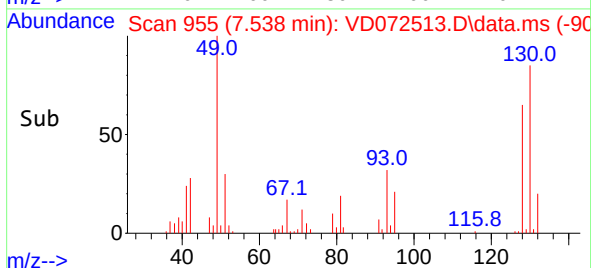
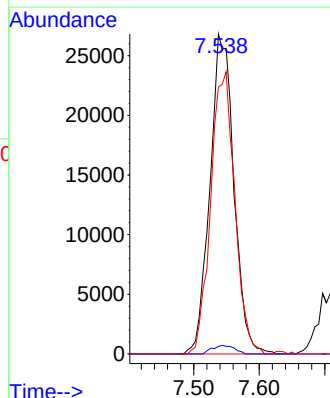
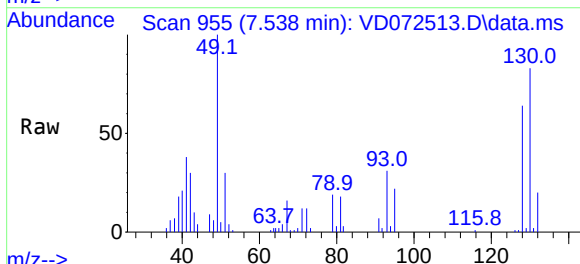
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0404SBS01

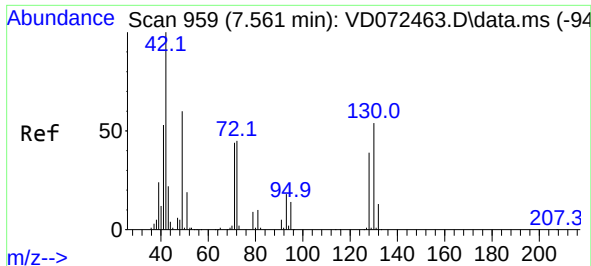
Tgt Ion: 96 Resp: 87172  
 Ion Ratio Lower Upper  
 96 100  
 61 139.1 0.0 313.8  
 98 64.7 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 21.532 ug/l  
 RT: 7.538 min Scan# 955  
 Delta R.T. -0.006 min  
 Lab File: VD072513.D  
 Acq: 04 Apr 2022 11:48

Tgt Ion: 49 Resp: 67935  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 4.0  
 130 88.6 52.6 79.0#





#29

Tetrahydrofuran

Concen: 88.424 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072513.D

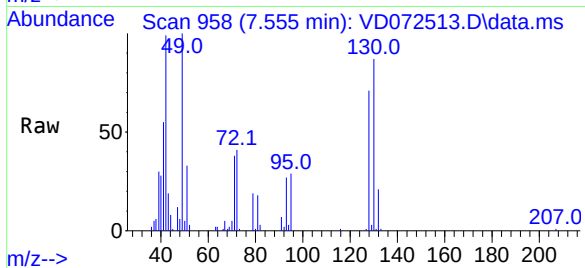
Acq: 04 Apr 2022 11:48

Instrument :

MSVOA\_D

ClientSampleId :

VD0404SBS01



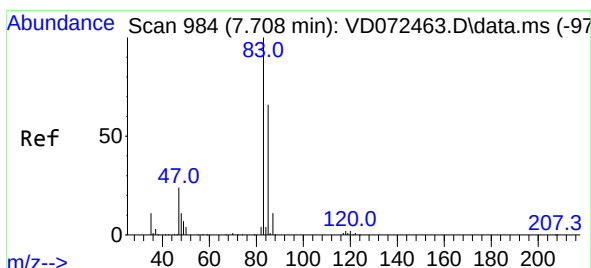
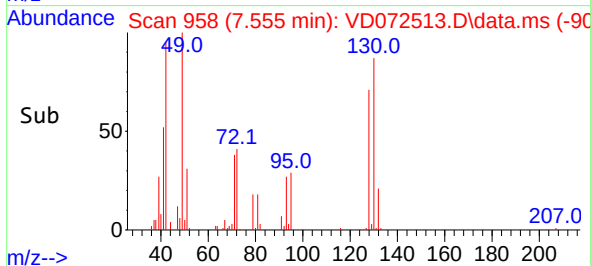
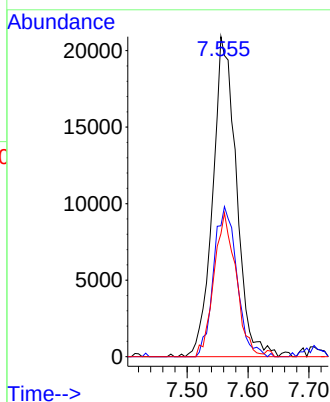
Tgt Ion: 42 Resp: 56397

Ion Ratio Lower Upper

42 100

72 46.2 30.7 46.1#

71 42.1 28.6 43.0



#30

Chloroform

Concen: 20.163 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.000 min

Lab File: VD072513.D

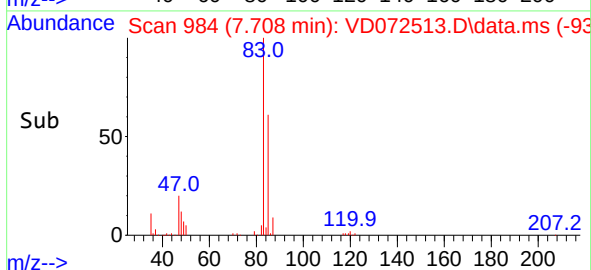
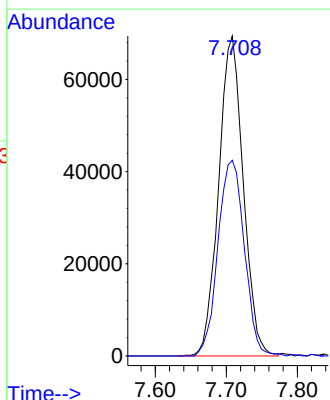
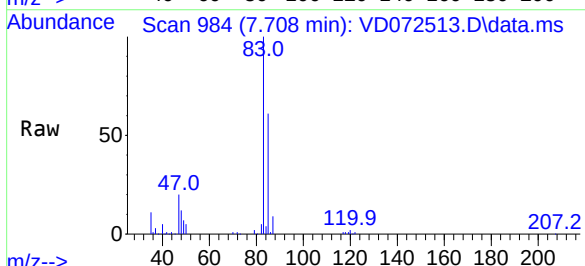
Acq: 04 Apr 2022 11:48

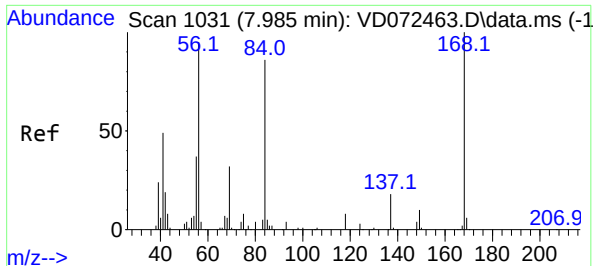
Tgt Ion: 83 Resp: 167016

Ion Ratio Lower Upper

83 100

85 61.2 52.7 79.1

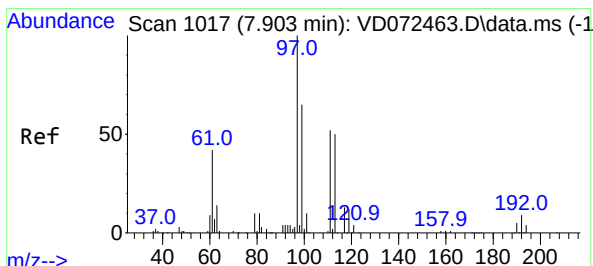
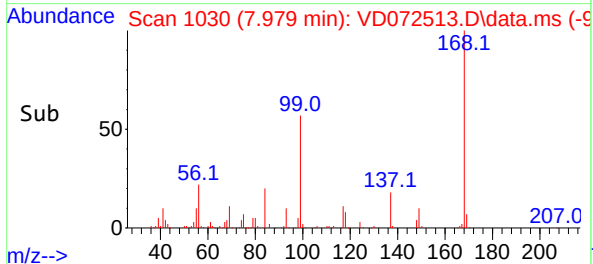
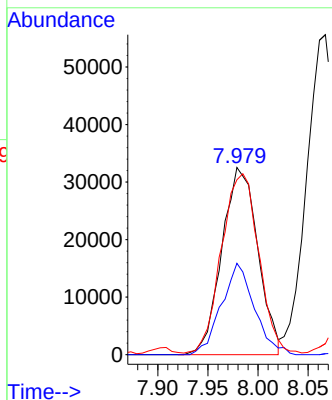
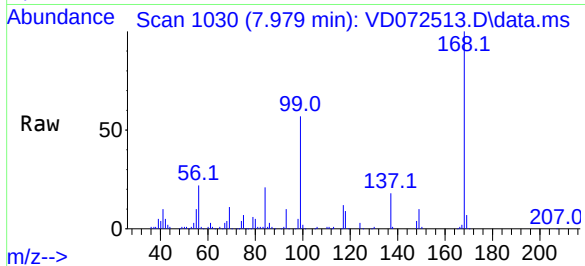




#31  
Cyclohexane  
Concen: 15.167 ug/l  
RT: 7.979 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

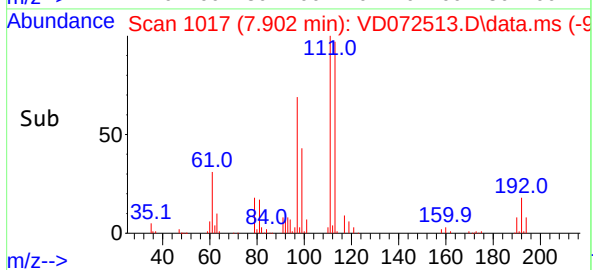
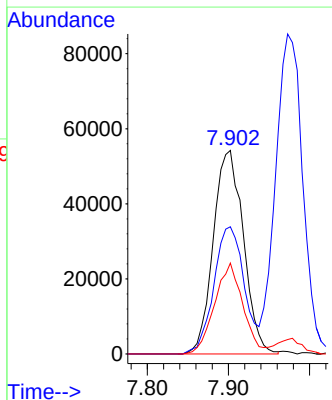
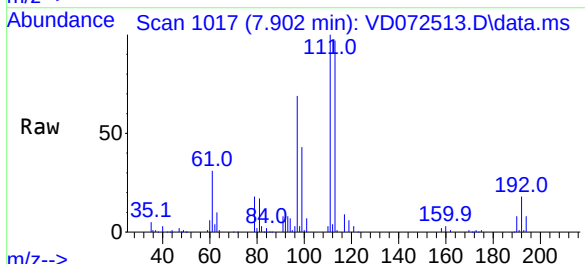
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

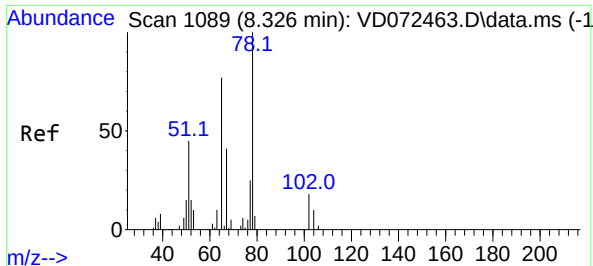
Tgt Ion: 56 Resp: 81239  
Ion Ratio Lower Upper  
56 100  
69 48.0 25.4 38.2#  
84 92.2 63.0 94.4



#32  
1,1,1-Trichloroethane  
Concen: 19.891 ug/l  
RT: 7.902 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 97 Resp: 139748  
Ion Ratio Lower Upper  
97 100  
99 63.8 52.4 78.6  
61 41.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 47.851 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD072513.D

Acq: 04 Apr 2022 11:48

Instrument :

MSVOA\_D

ClientSampleId :

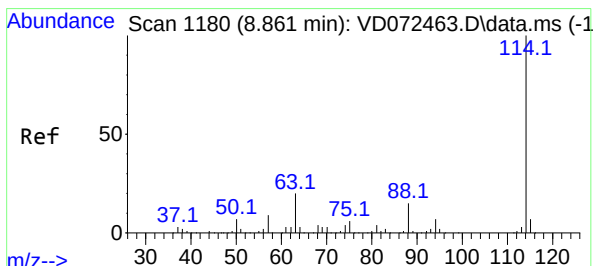
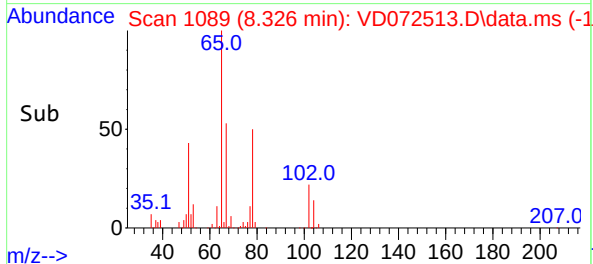
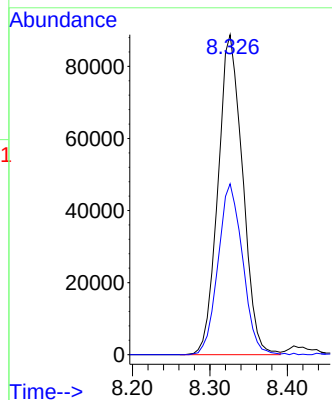
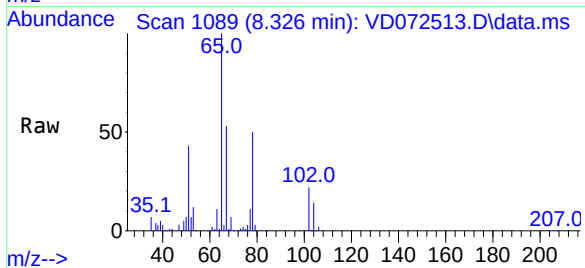
VD0404SBS01

Tgt Ion: 65 Resp: 196014

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072513.D

Acq: 04 Apr 2022 11:48

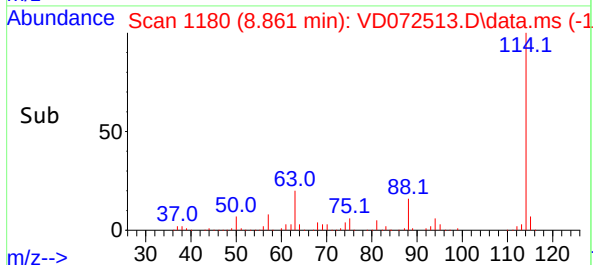
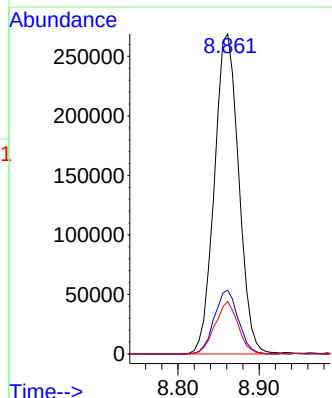
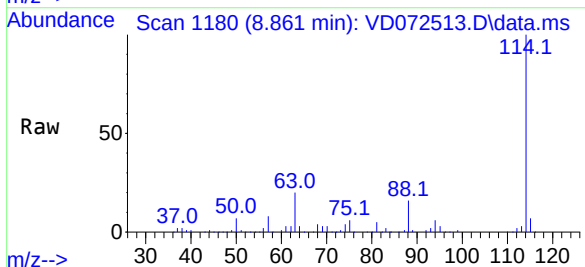
Tgt Ion: 114 Resp: 560846

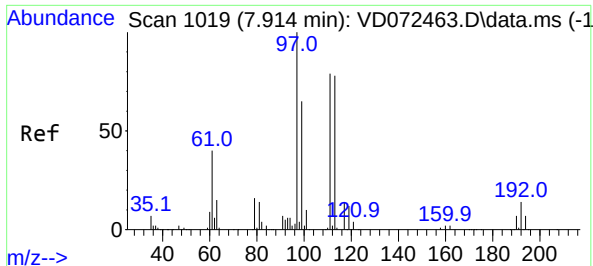
Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 16.4 0.0 33.2

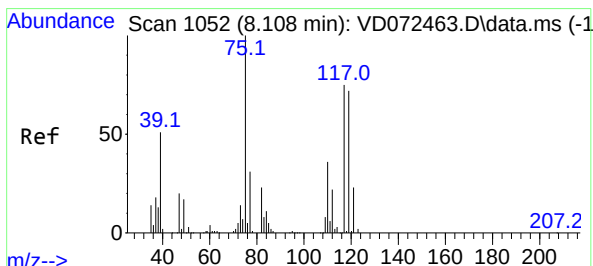
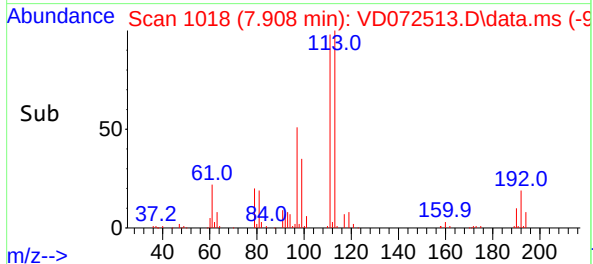
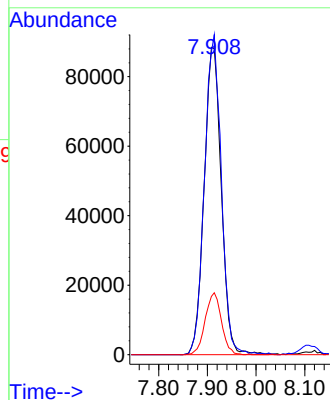
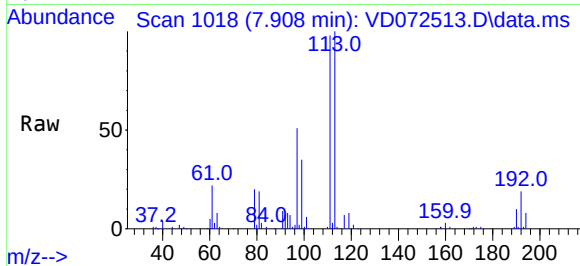




#35  
Dibromofluoromethane  
Concen: 49.558 ug/l  
RT: 7.908 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

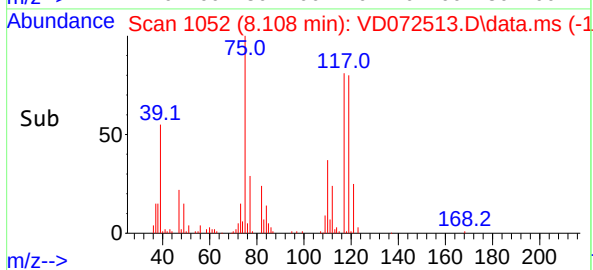
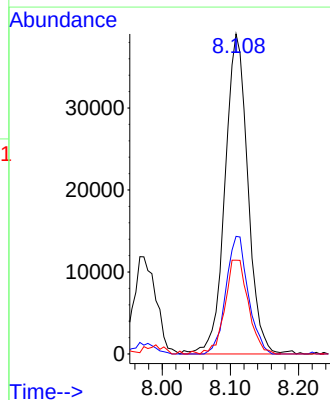
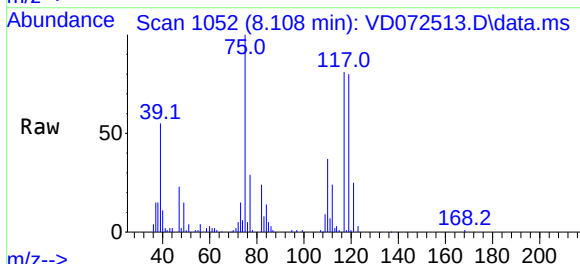
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

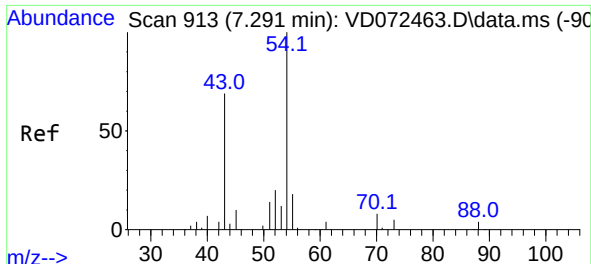
Tgt Ion:113 Resp: 216003  
Ion Ratio Lower Upper  
113 100  
111 102.0 83.8 125.6  
192 19.1 14.6 21.8



#36  
1,1-Dichloropropene  
Concen: 17.068 ug/l  
RT: 8.108 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 75 Resp: 90849  
Ion Ratio Lower Upper  
75 100  
110 35.9 16.4 49.1  
77 30.1 24.2 36.2

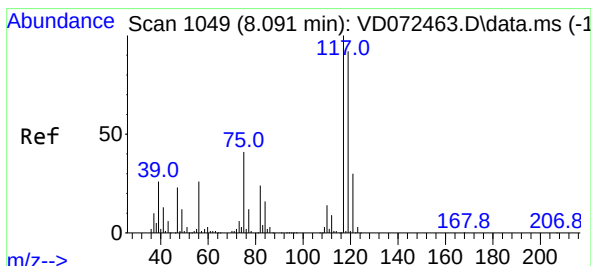
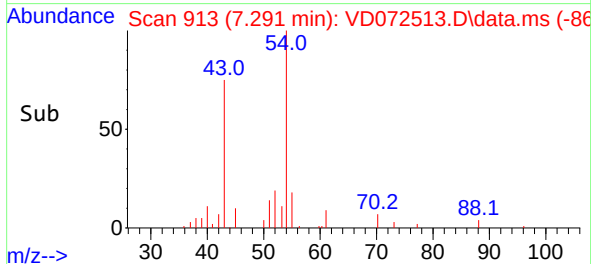
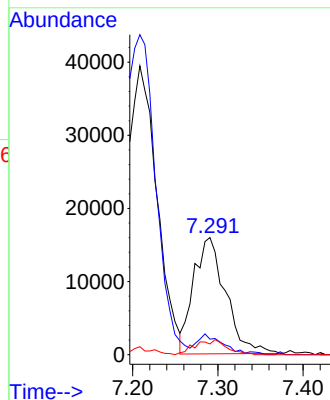
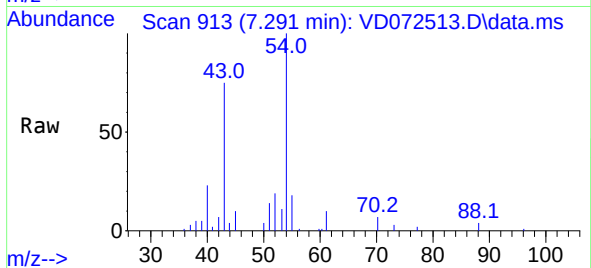




#37  
Ethyl Acetate  
Concen: 17.992 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

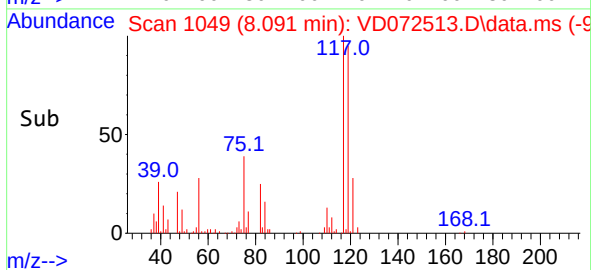
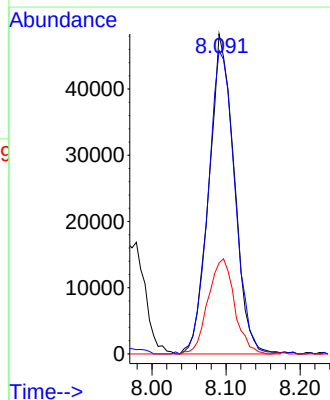
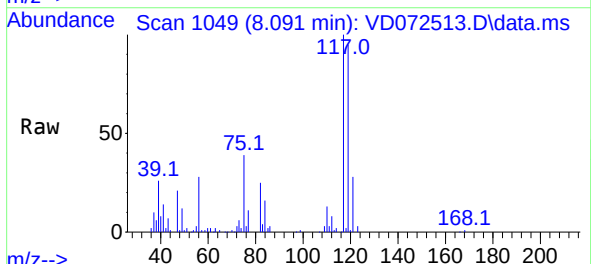
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

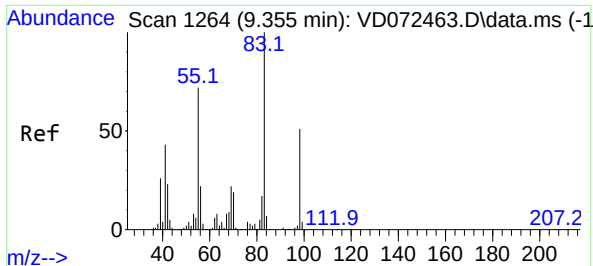
Tgt Ion: 43 Resp: 41552  
Ion Ratio Lower Upper  
43 100  
61 14.7 9.8 14.8  
70 12.5 6.9 10.3#



#38  
Carbon Tetrachloride  
Concen: 19.098 ug/l  
RT: 8.091 min Scan# 1049  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 117 Resp: 114678  
Ion Ratio Lower Upper  
117 100  
119 94.8 75.8 113.6  
121 28.5 24.5 36.7





#39

Methylcyclohexane

Concen: 15.210 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072513.D

Acq: 04 Apr 2022 11:48

Instrument :

MSVOA\_D

ClientSampleId :

VD0404SBS01

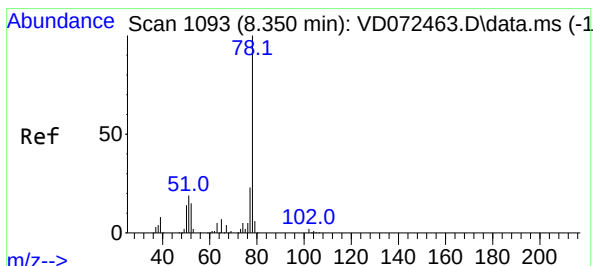
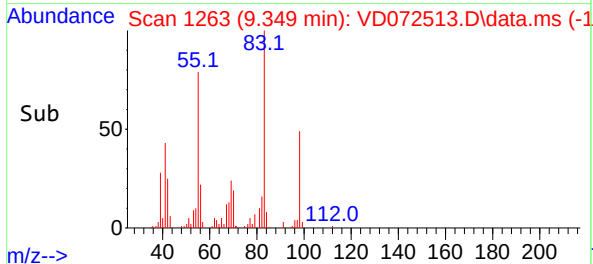
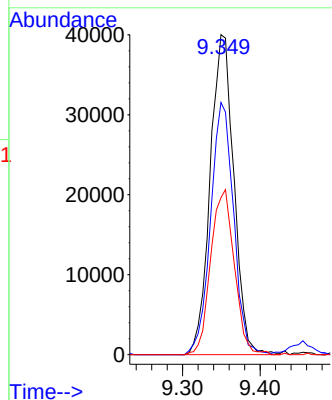
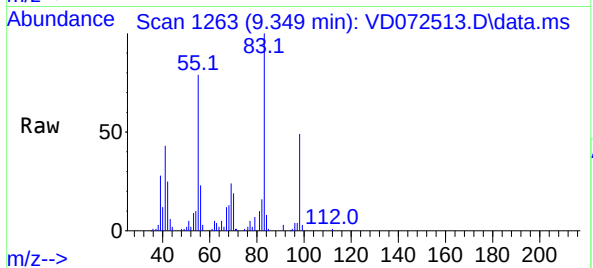
Tgt Ion: 83 Resp: 84887

Ion Ratio Lower Upper

83 100

55 78.8 63.2 94.8

98 49.1 38.2 57.4



#40

Benzene

Concen: 18.671 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD072513.D

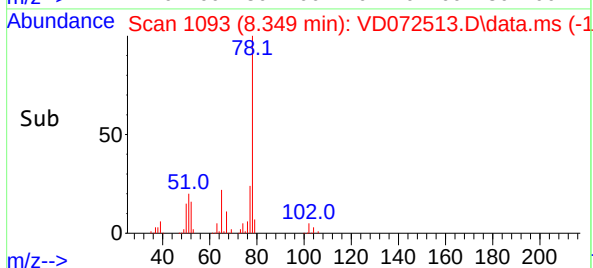
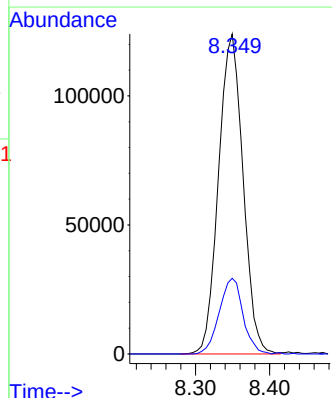
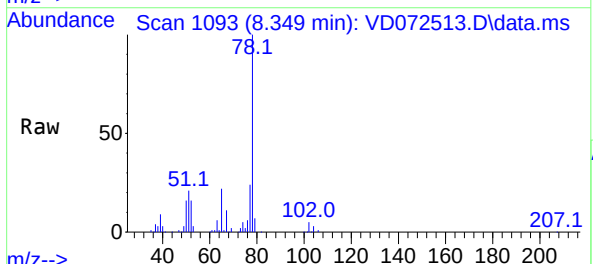
Acq: 04 Apr 2022 11:48

Tgt Ion: 78 Resp: 284208

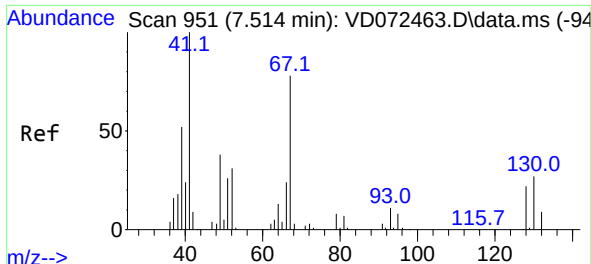
Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7



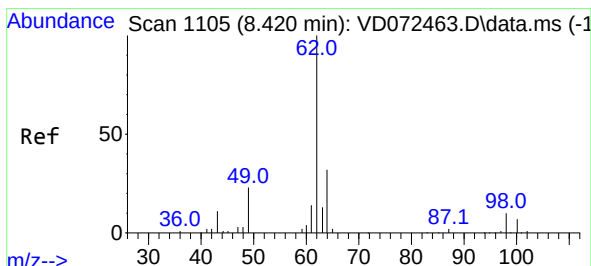
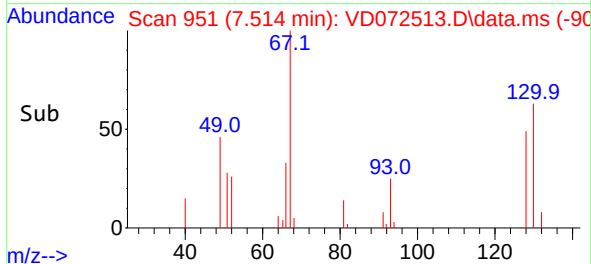
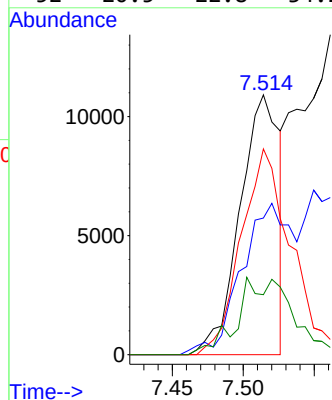
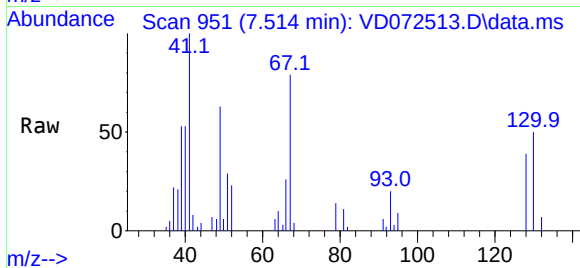




#41  
Methacrylonitrile  
Concen: 16.857 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

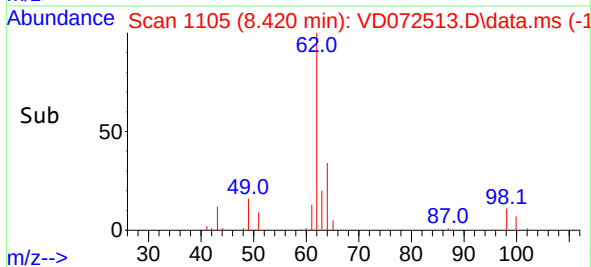
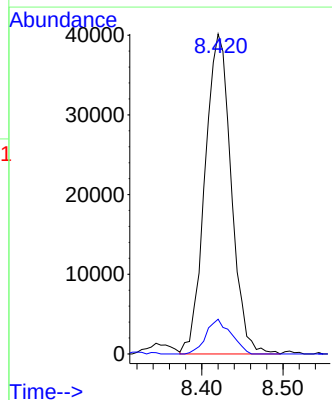
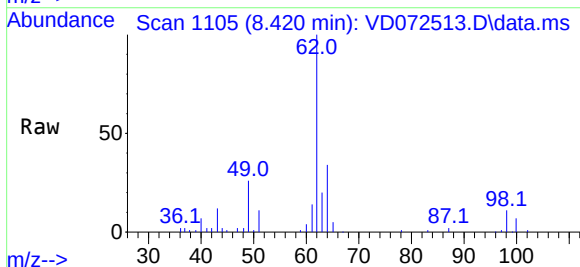
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

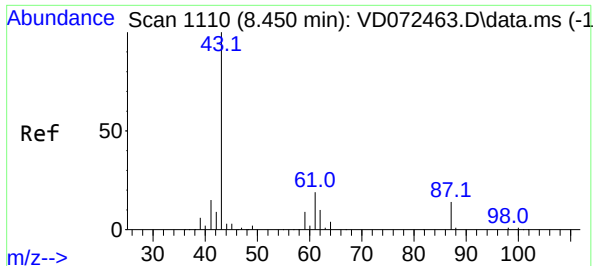
Tgt Ion: 41 Resp: 21218  
Ion Ratio Lower Upper  
41 100  
39 75.1 44.6 67.0#  
67 98.5 48.2 72.4#  
52 20.5 22.8 34.2#



#42  
1,2-Dichloroethane  
Concen: 19.375 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 62 Resp: 90144  
Ion Ratio Lower Upper  
62 100  
98 10.4 0.0 17.6

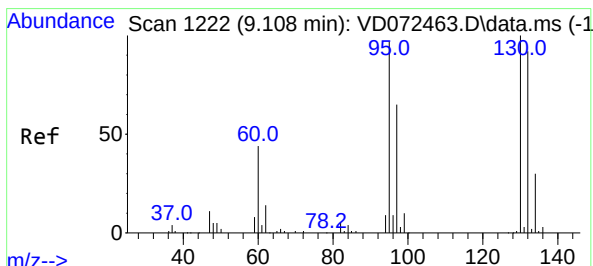
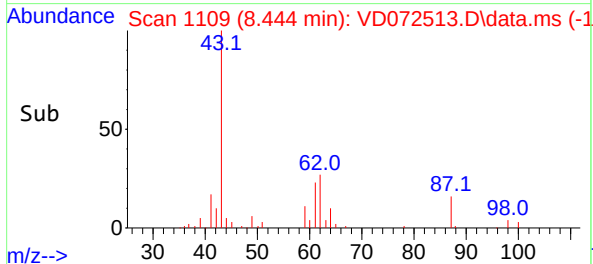
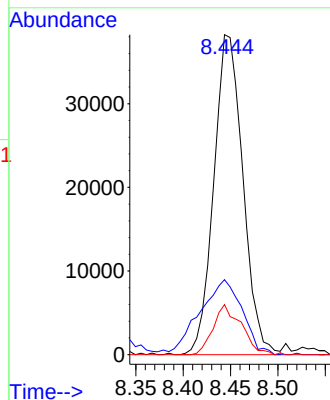
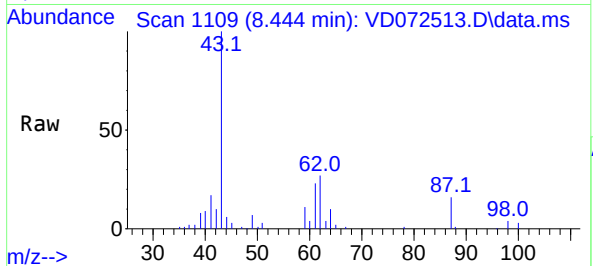




#43  
Isopropyl Acetate  
Concen: 18.454 ug/l  
RT: 8.444 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

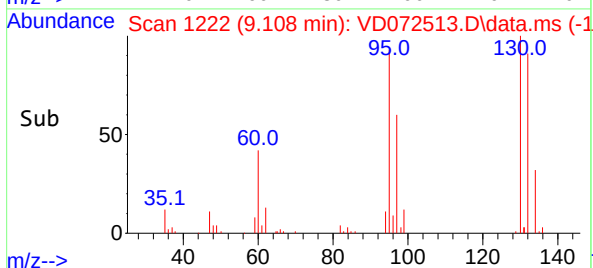
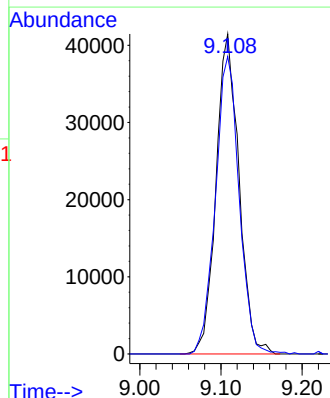
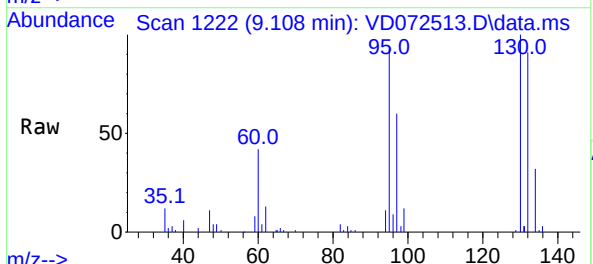
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

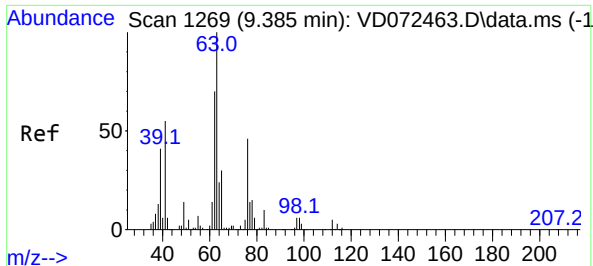
Tgt Ion: 43 Resp: 81752  
Ion Ratio Lower Upper  
43 100  
61 34.4 22.4 33.6#  
87 15.2 8.7 13.1#



#44  
Trichloroethene  
Concen: 18.815 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion:130 Resp: 81308  
Ion Ratio Lower Upper  
130 100  
95 92.9 0.0 205.4

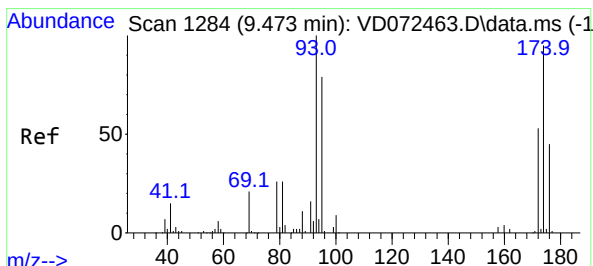
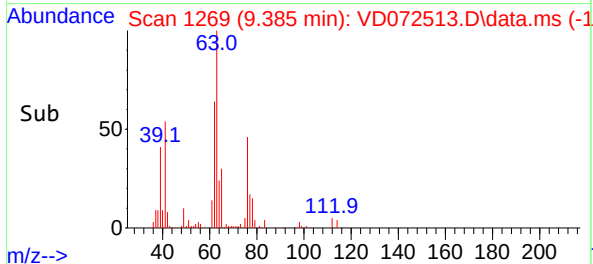
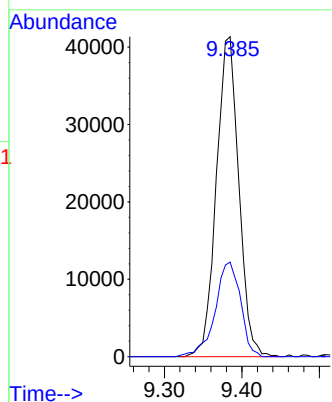
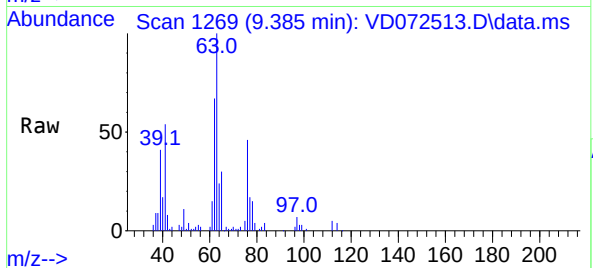




#45  
1,2-Dichloropropane  
Concen: 19.641 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

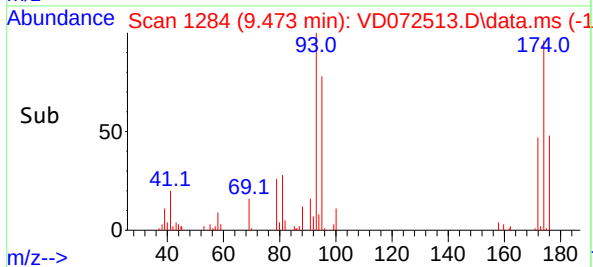
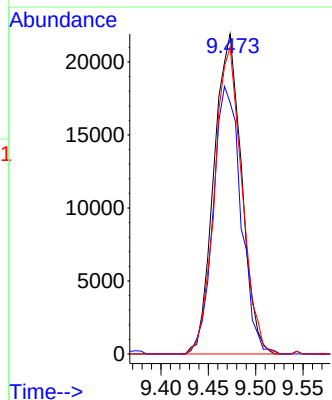
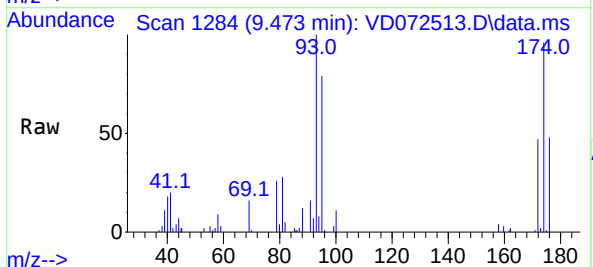
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

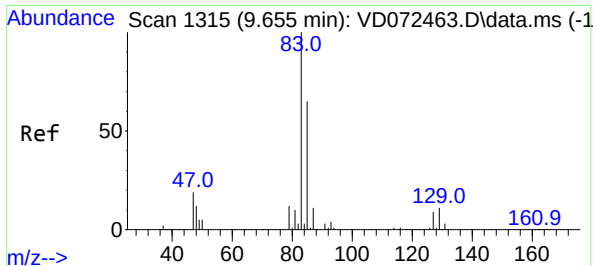
Tgt Ion: 63 Resp: 83167  
Ion Ratio Lower Upper  
63 100  
65 29.6 26.2 39.4



#46  
Dibromomethane  
Concen: 20.019 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 93 Resp: 44474  
Ion Ratio Lower Upper  
93 100  
95 84.2 66.7 100.1  
174 94.8 71.6 107.4

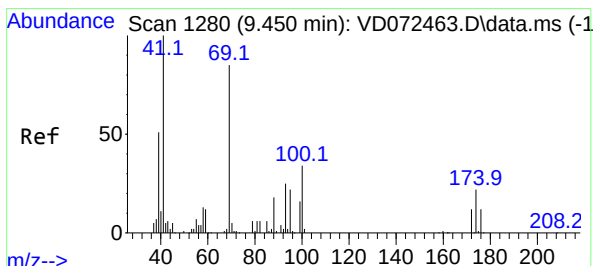
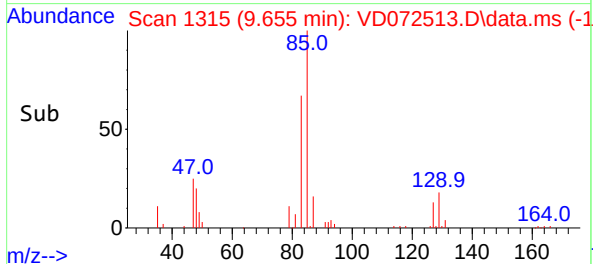
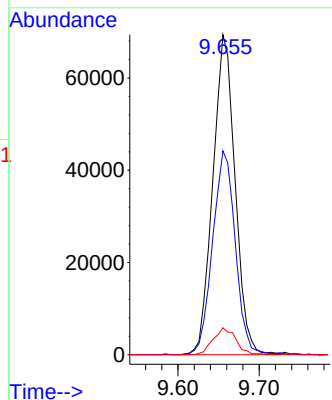
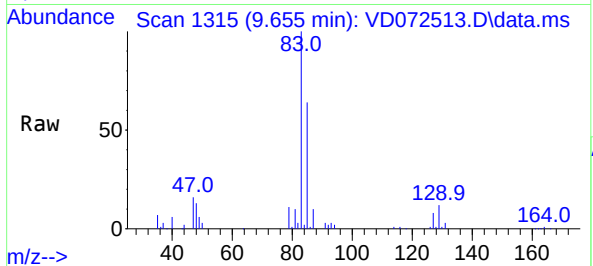




#47  
Bromodichloromethane  
Concen: 20.725 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

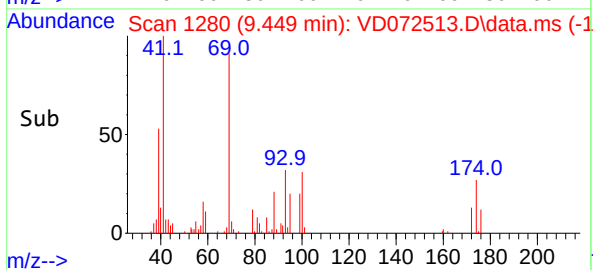
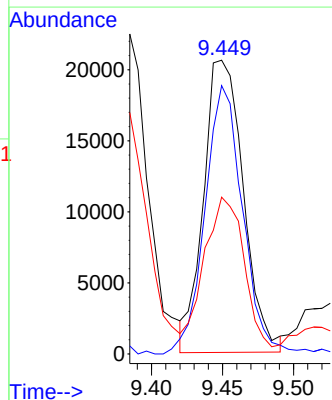
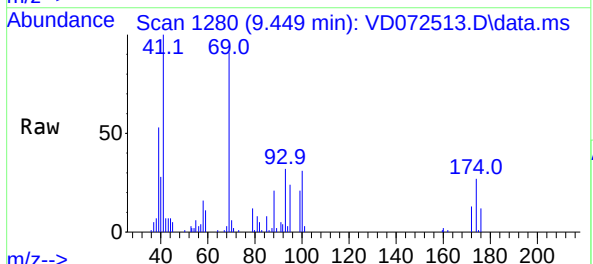
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

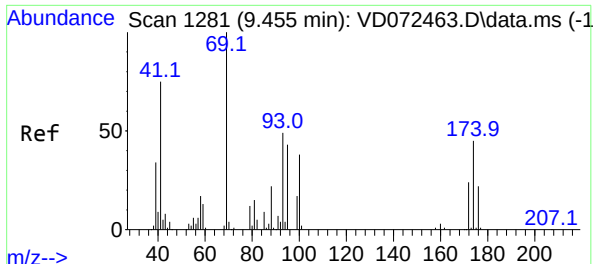
Tgt Ion: 83 Resp: 132274  
Ion Ratio Lower Upper  
83 100  
85 63.7 51.4 77.0  
127 8.4 6.1 9.1



#48  
Methyl methacrylate  
Concen: 18.649 ug/l  
RT: 9.449 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 41 Resp: 40109  
Ion Ratio Lower Upper  
41 100  
69 87.7 56.7 85.1  
39 54.9 42.7 64.1

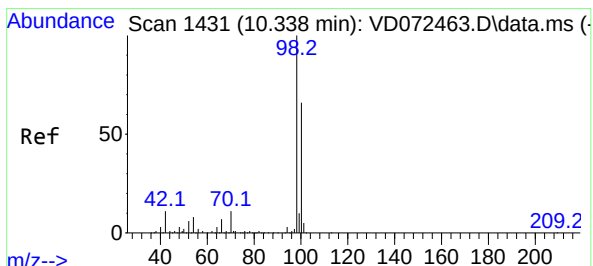
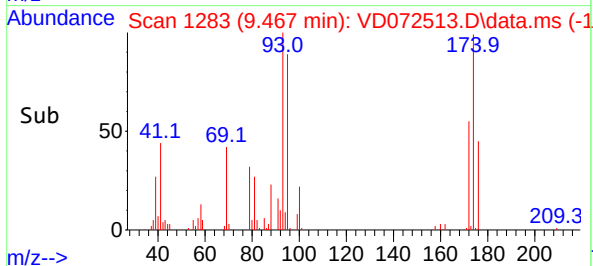
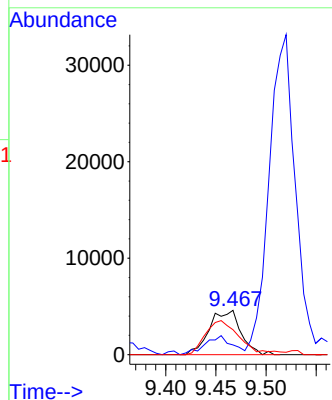
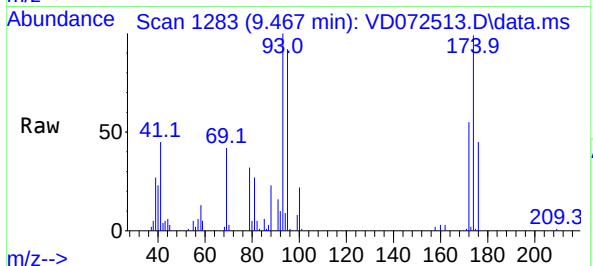




#49  
1,4-Dioxane  
Concen: 378.409 ug/l  
RT: 9.467 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

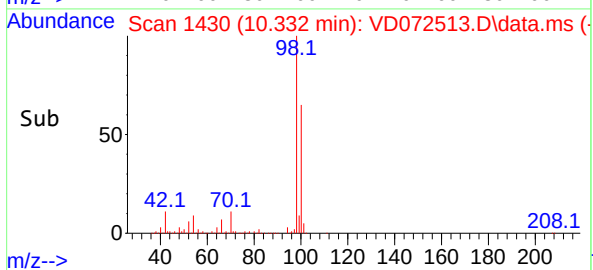
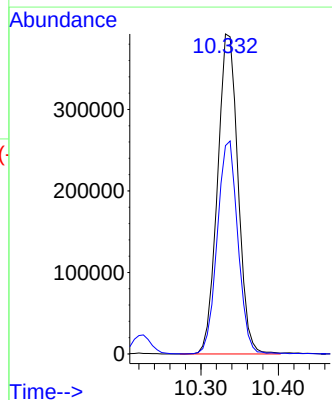
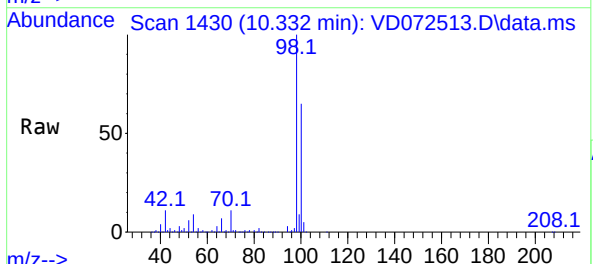
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

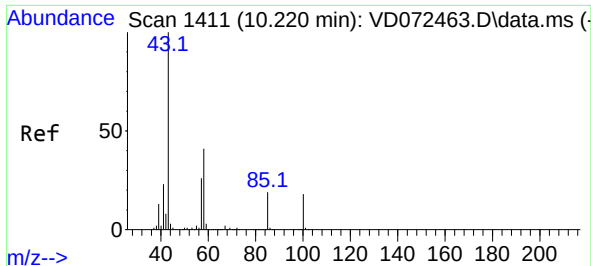
Tgt Ion: 88 Resp: 10000  
Ion Ratio Lower Upper  
88 100  
43 37.1 31.0 46.4  
58 84.9 58.1 87.1



#50  
Toluene-d8  
Concen: 47.699 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 98 Resp: 722675  
Ion Ratio Lower Upper  
98 100  
100 66.9 52.4 78.6

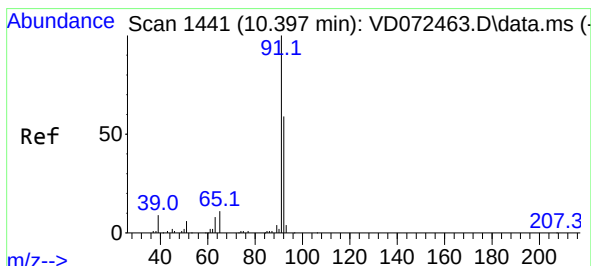
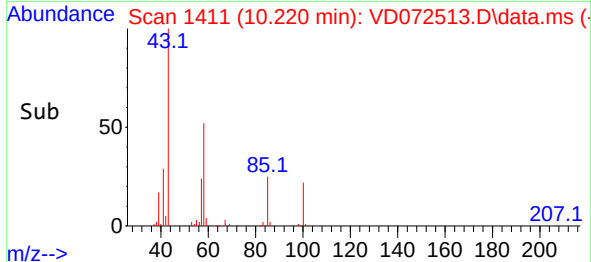
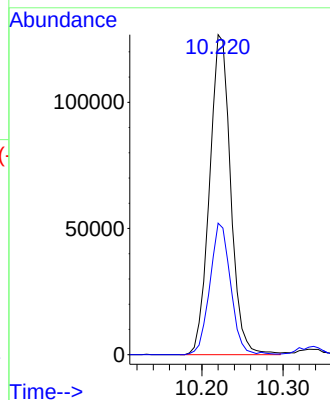
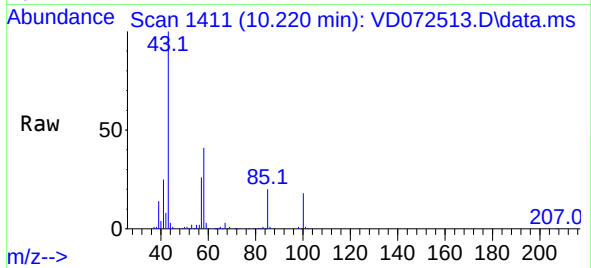




#51  
4-Methyl-2-Pentanone  
Concen: 96.327 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

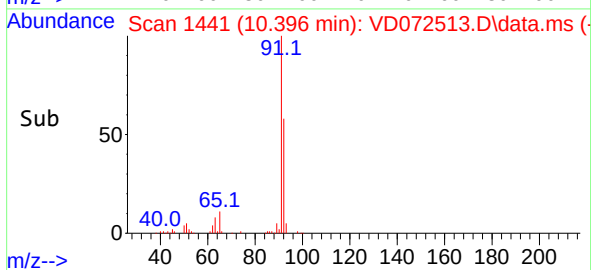
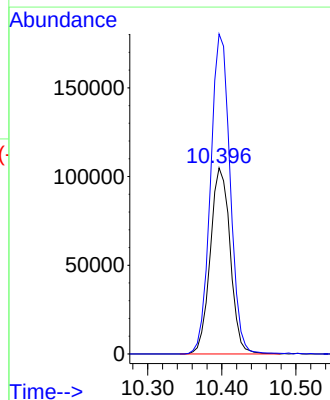
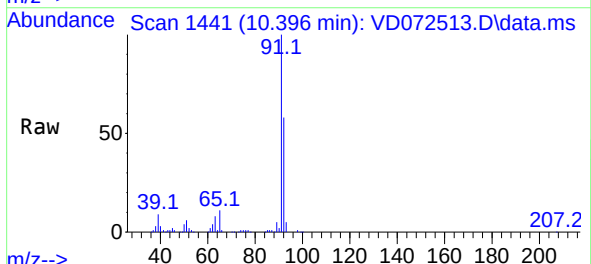
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

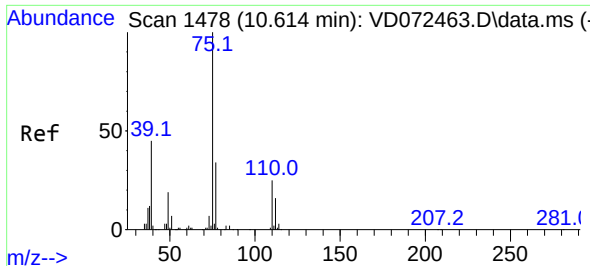
Tgt Ion: 43 Resp: 228972  
Ion Ratio Lower Upper  
43 100  
58 40.5 28.6 43.0



#52  
Toluene  
Concen: 19.312 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 92 Resp: 195290  
Ion Ratio Lower Upper  
92 100  
91 170.0 139.6 209.4

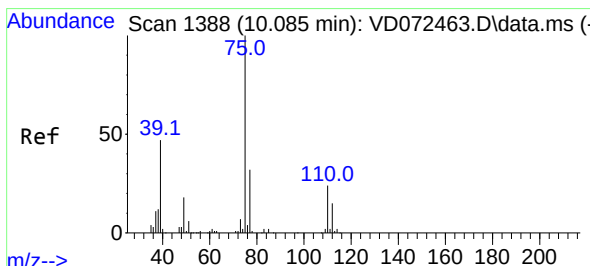
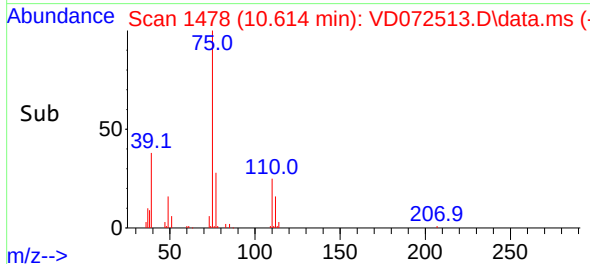
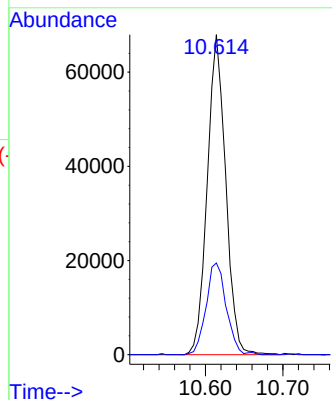
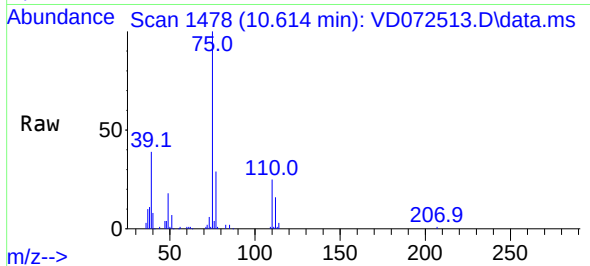




#53  
t-1,3-Dichloropropene  
Concen: 20.186 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

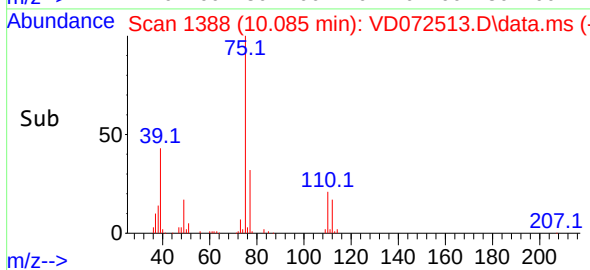
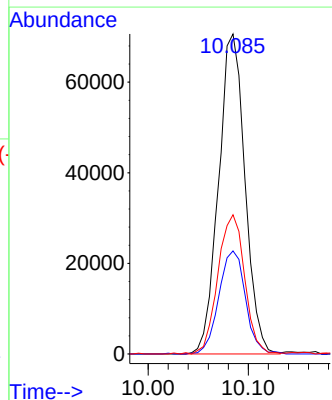
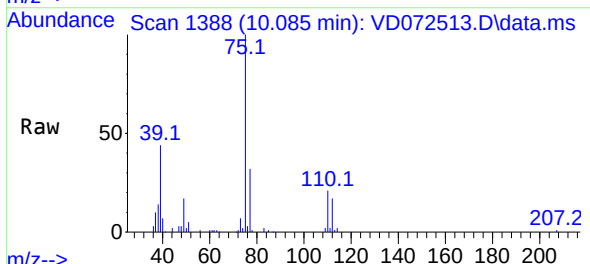
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

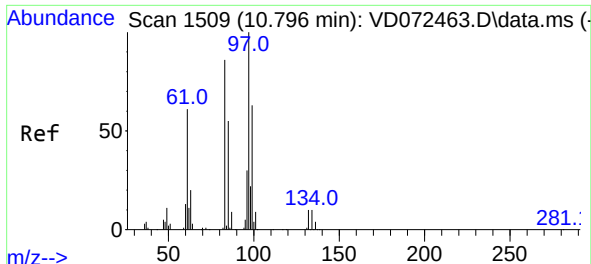
Tgt Ion: 75 Resp: 112265  
Ion Ratio Lower Upper  
75 100  
77 28.7 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 19.657 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 75 Resp: 129257  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.8 37.2  
39 43.5 46.8 70.2#



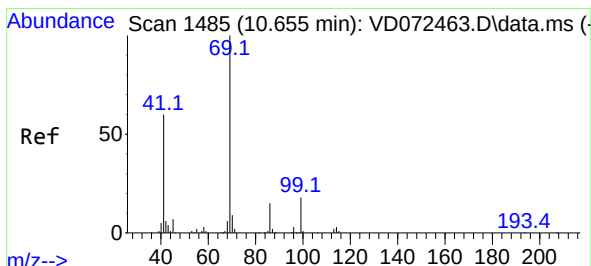
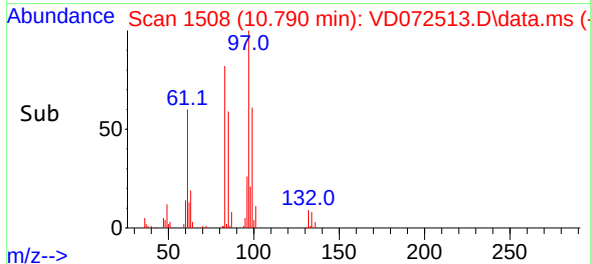
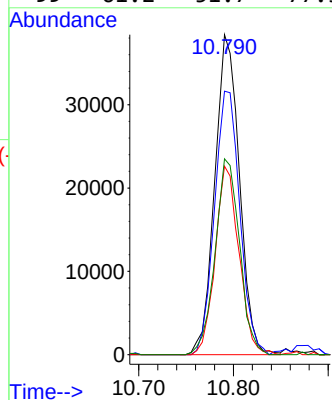
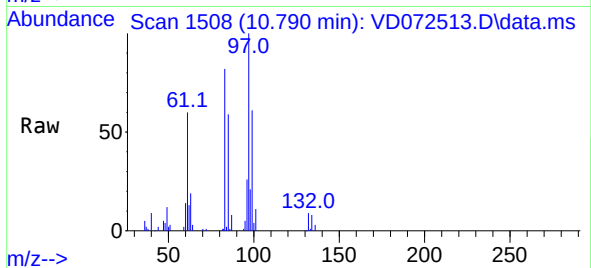


#55  
1,1,2-Trichloroethane  
Concen: 20.613 ug/l  
RT: 10.790 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

Tgt Ion: 97 Resp: 69423

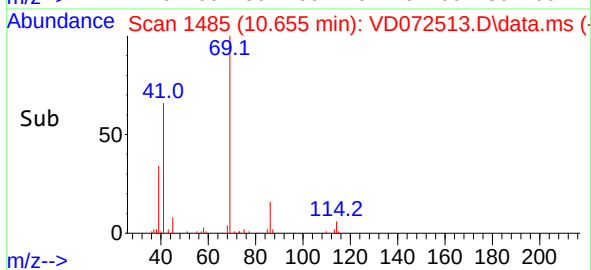
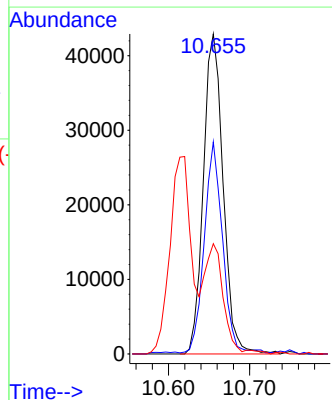
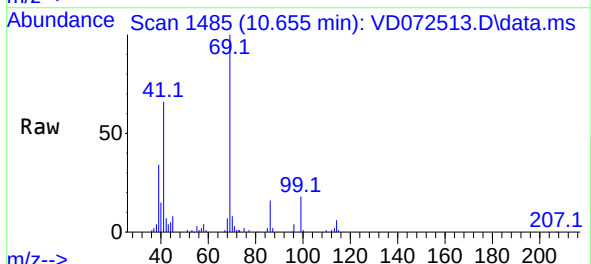
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.3  | 69.0  | 103.4 |
| 85  | 58.9  | 42.6  | 63.8  |
| 99  | 61.2  | 51.7  | 77.5  |



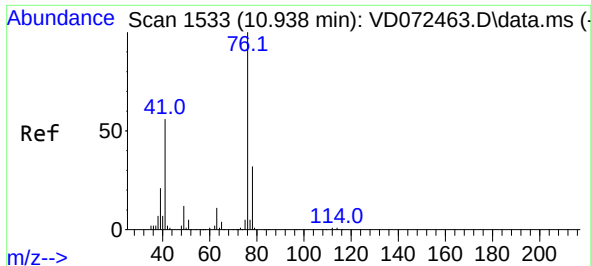
#56  
Ethyl methacrylate  
Concen: 18.270 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 69 Resp: 72454

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.8  | 63.0  | 94.6# |
| 39  | 33.3  | 33.8  | 50.8# |







#57

1,3-Dichloropropane

Concen: 19.800 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072513.D

Acq: 04 Apr 2022 11:48

Instrument :

MSVOA\_D

ClientSampleId :

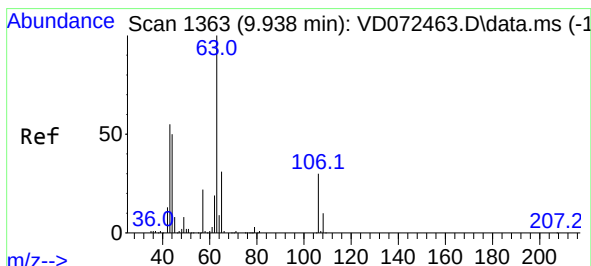
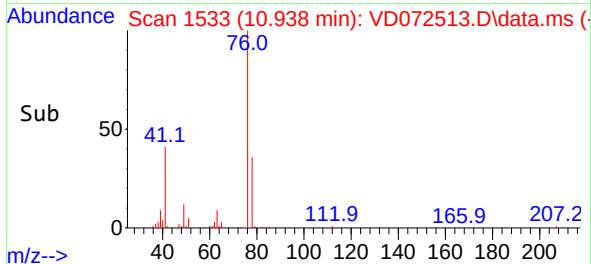
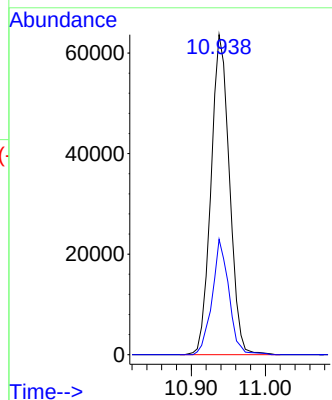
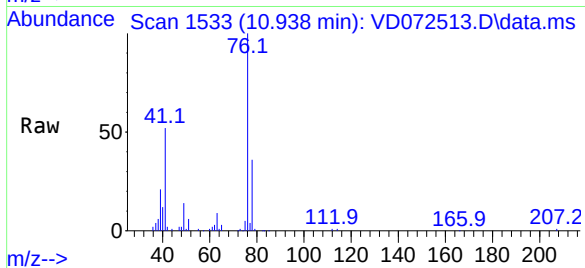
VD0404SBS01

Tgt Ion: 76 Resp: 110243

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 116.734 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD072513.D

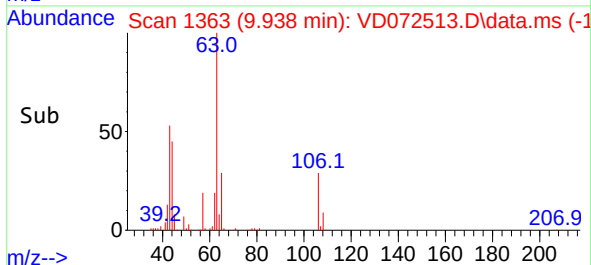
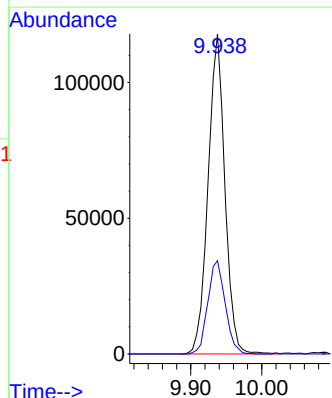
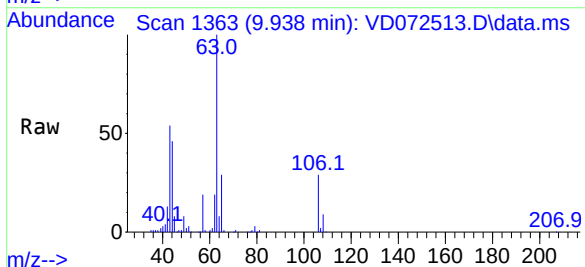
Acq: 04 Apr 2022 11:48

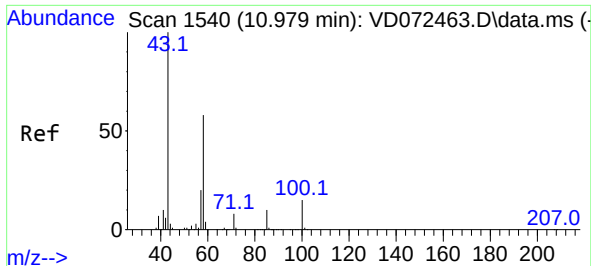
Tgt Ion: 63 Resp: 194101

Ion Ratio Lower Upper

63 100

106 30.1 21.4 32.0

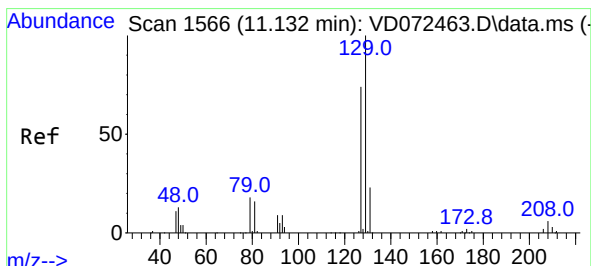
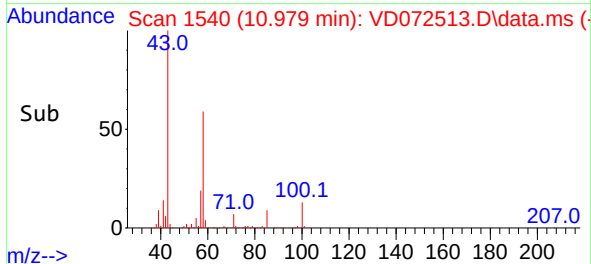
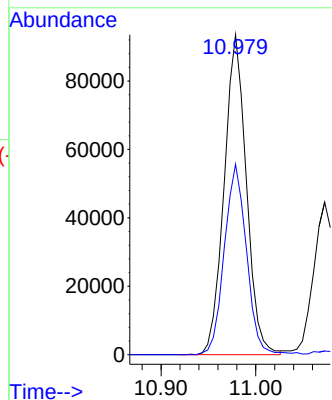
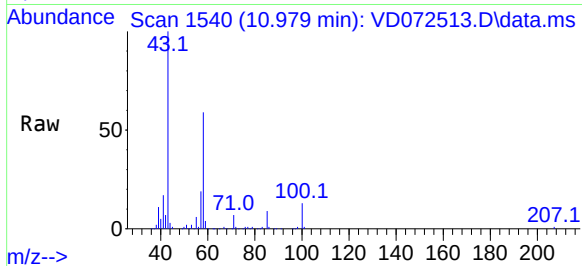




#59  
2-Hexanone  
Concen: 94.509 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

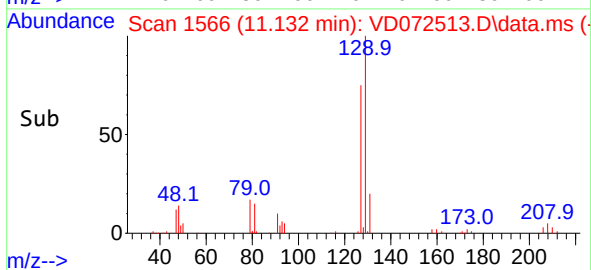
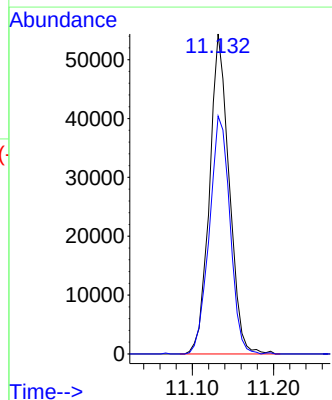
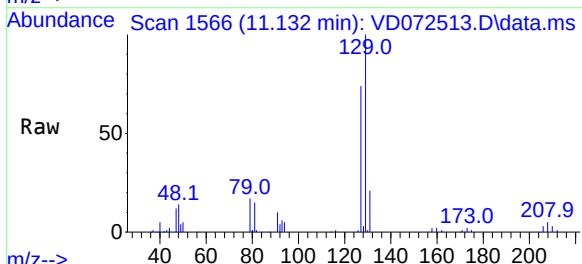
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

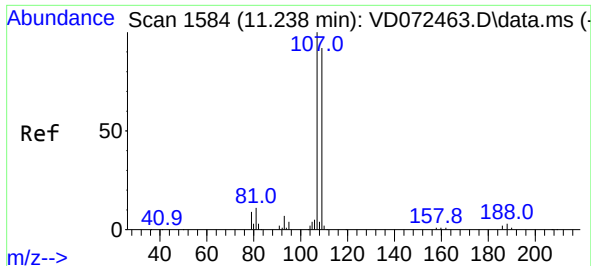
Tgt Ion: 43 Resp: 152767  
Ion Ratio Lower Upper  
43 100  
58 59.3 25.3 75.9



#60  
Dibromochloromethane  
Concen: 21.074 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion:129 Resp: 91556  
Ion Ratio Lower Upper  
129 100  
127 77.6 39.2 117.6

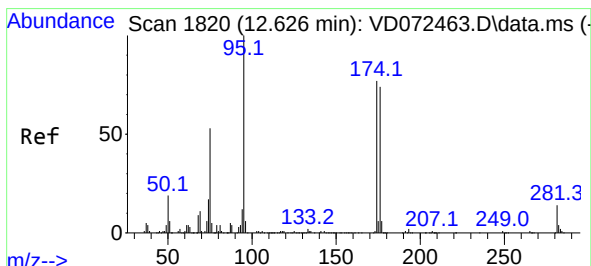
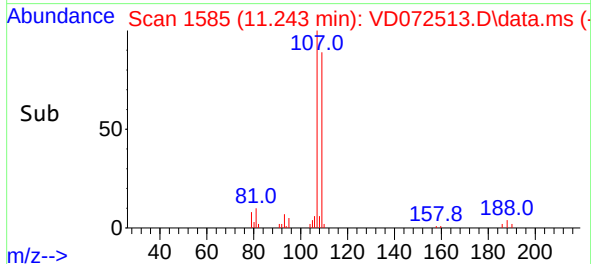
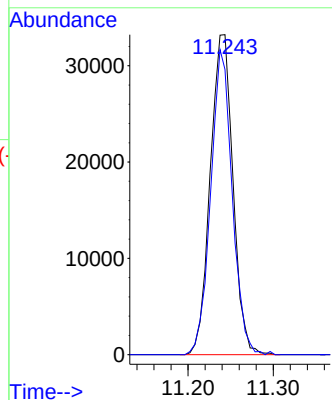
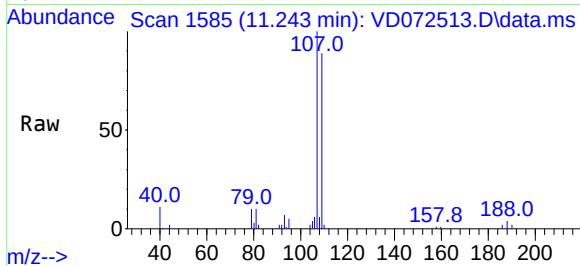




#61  
1,2-Dibromoethane  
Concen: 20.551 ug/l  
RT: 11.243 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

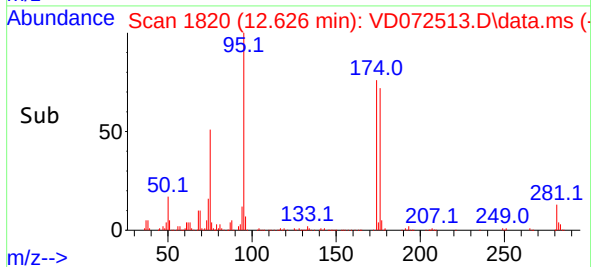
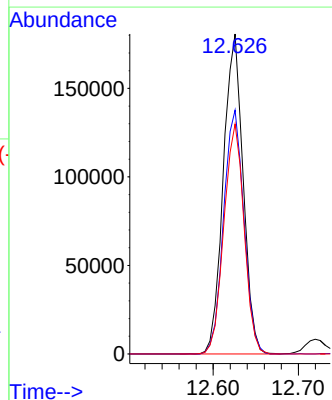
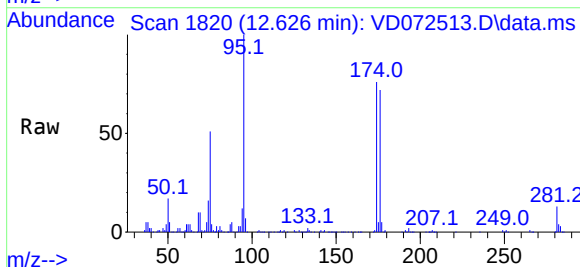
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

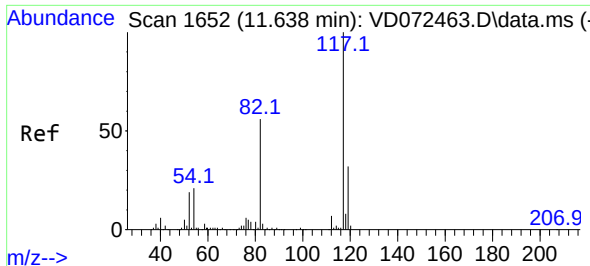
Tgt Ion:107 Resp: 61454  
Ion Ratio Lower Upper  
107 100  
109 90.3 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 49.178 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

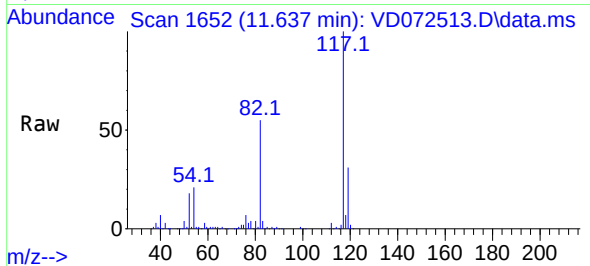
Tgt Ion: 95 Resp: 290986  
Ion Ratio Lower Upper  
95 100  
174 78.3 0.0 152.8  
176 73.2 0.0 145.4



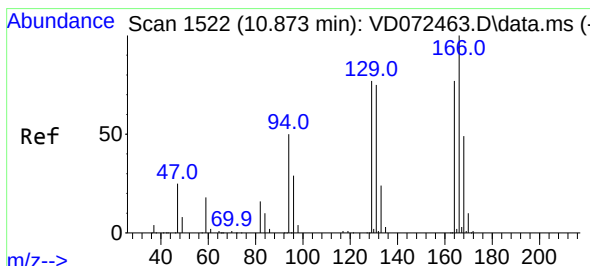
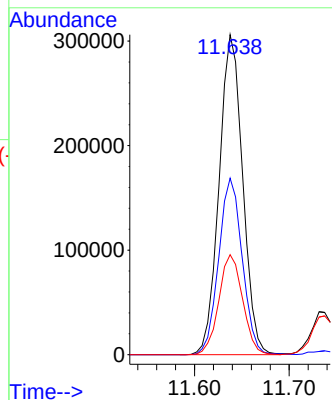
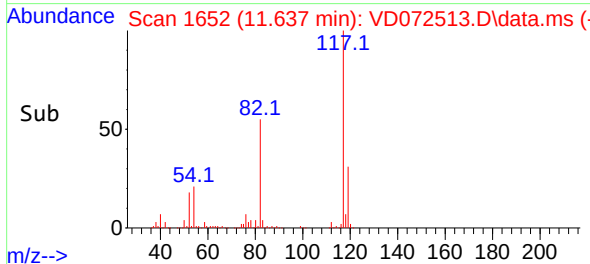


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.637 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

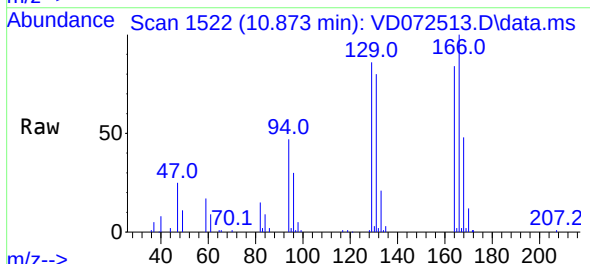
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01



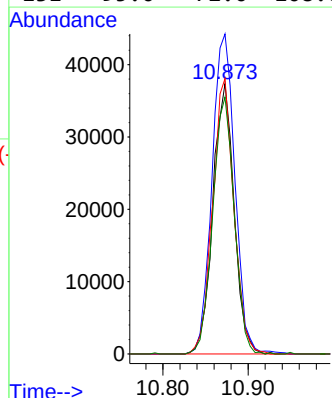
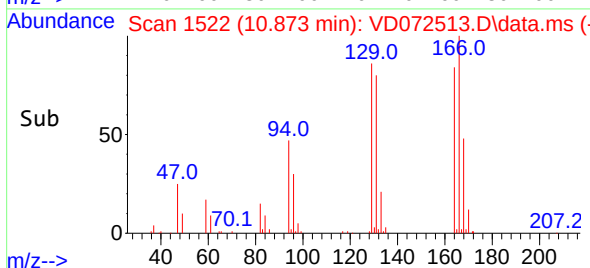
Tgt Ion:117 Resp: 529682  
Ion Ratio Lower Upper  
117 100  
82 55.2 45.3 67.9  
119 31.3 26.6 40.0

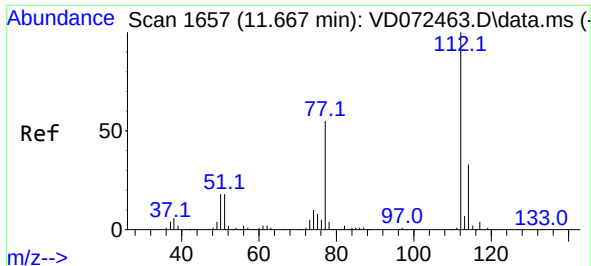


#64  
Tetrachloroethene  
Concen: 18.739 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48



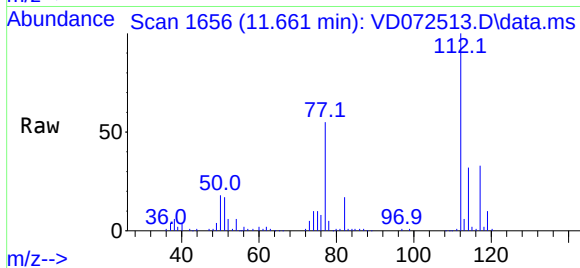
Tgt Ion:164 Resp: 64852  
Ion Ratio Lower Upper  
164 100  
166 118.4 98.5 147.7  
129 101.9 74.6 111.8  
131 95.0 72.0 108.0



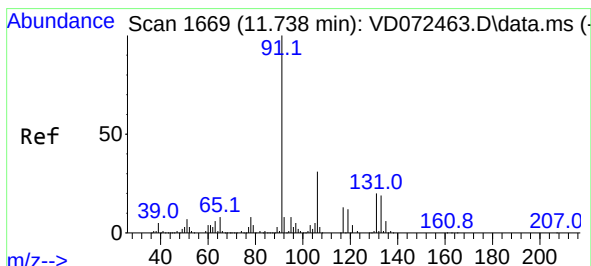
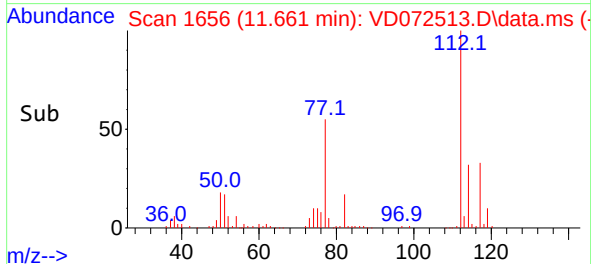
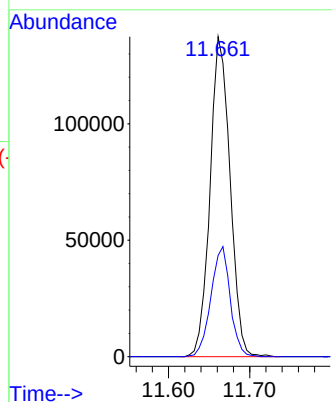


#65  
Chlorobenzene  
Concen: 19.853 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

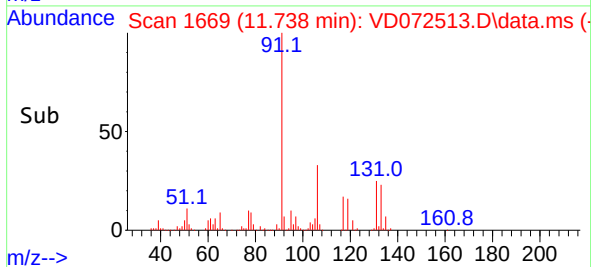
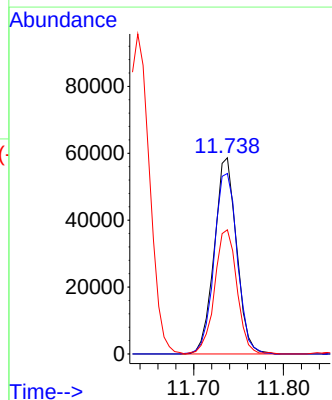
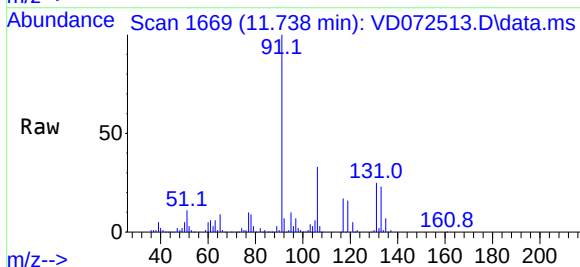


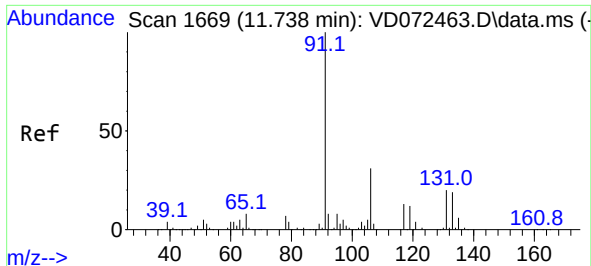
Tgt Ion:112 Resp: 235103  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.428 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion:131 Resp: 101455  
Ion Ratio Lower Upper  
131 100  
133 95.3 48.1 144.3  
119 63.4 31.9 95.9

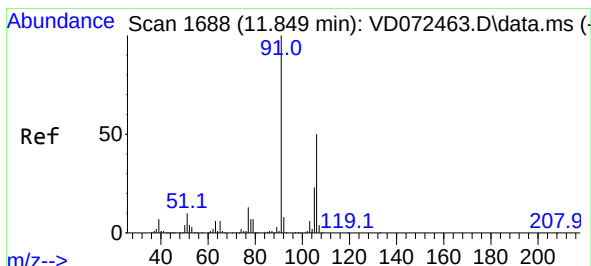
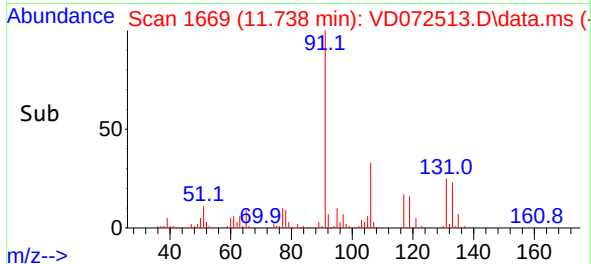
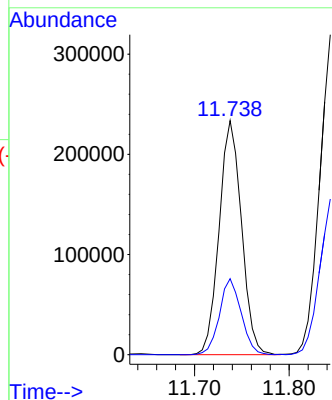
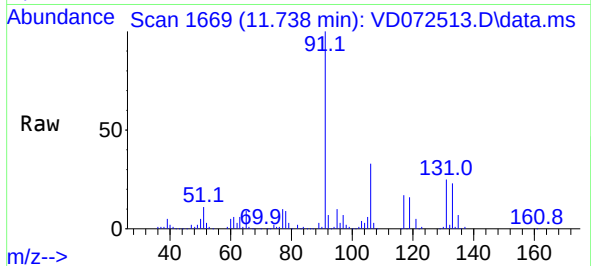




#67  
Ethyl Benzene  
Concen: 18.573 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

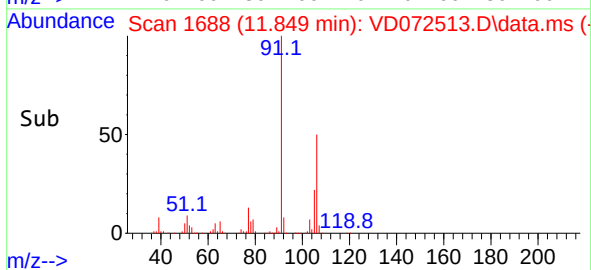
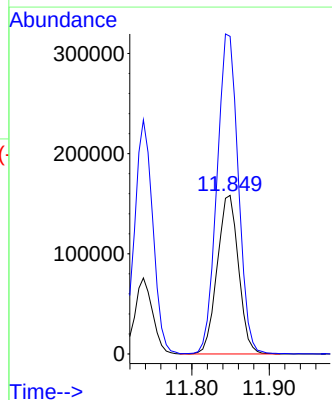
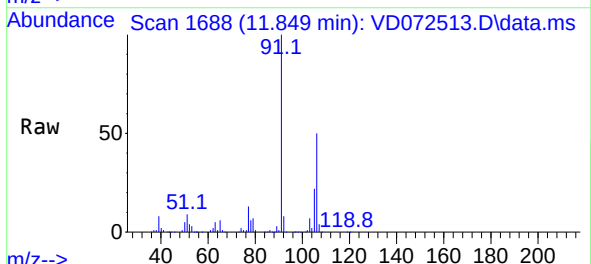
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

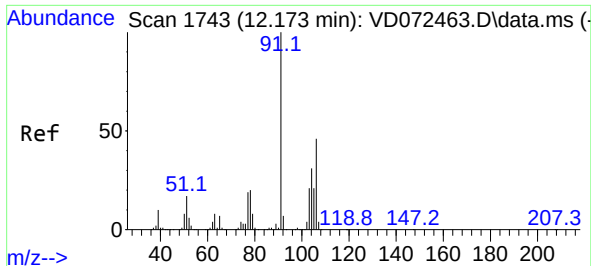
Tgt Ion: 91 Resp: 383777  
Ion Ratio Lower Upper  
91 100  
106 32.5 24.2 36.4



#68  
m/p-Xylenes  
Concen: 38.571 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 106 Resp: 302374  
Ion Ratio Lower Upper  
106 100  
91 202.2 163.7 245.5

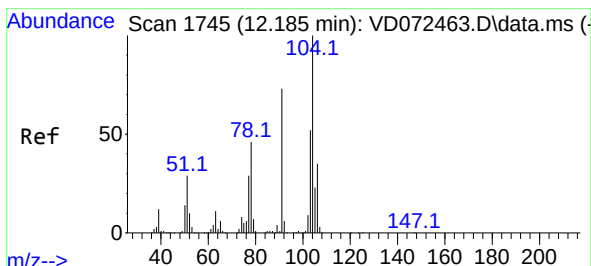
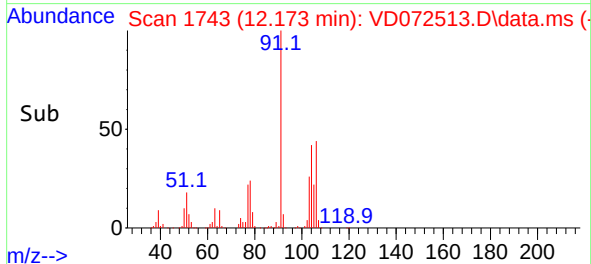
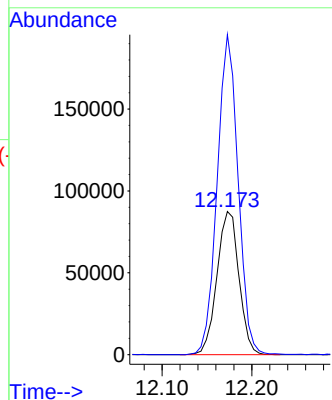
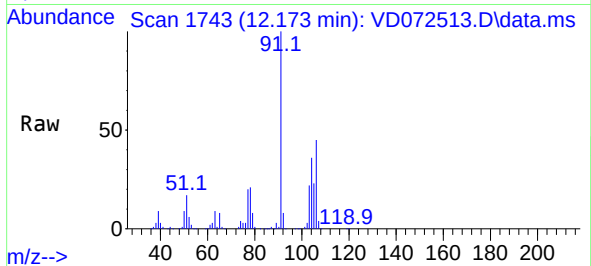




#69  
o-Xylene  
Concen: 19.695 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

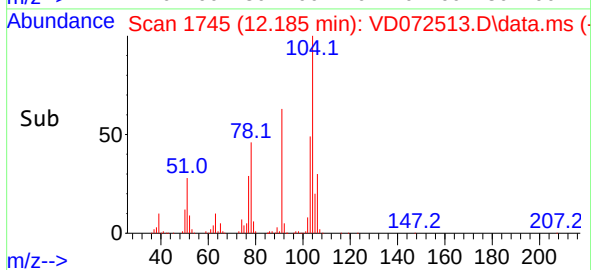
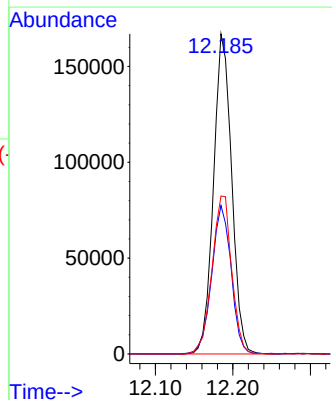
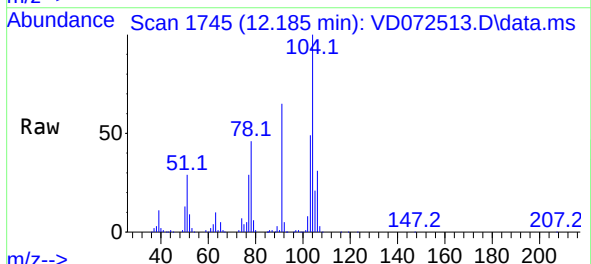
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

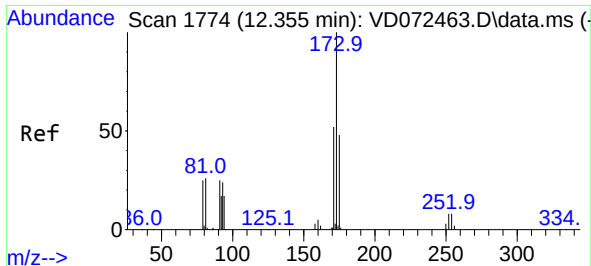
Tgt Ion:106 Resp: 148968  
Ion Ratio Lower Upper  
106 100  
91 212.7 110.4 331.2



#70  
Styrene  
Concen: 20.408 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion:104 Resp: 272051  
Ion Ratio Lower Upper  
104 100  
78 49.5 41.8 62.8  
103 53.6 44.2 66.4

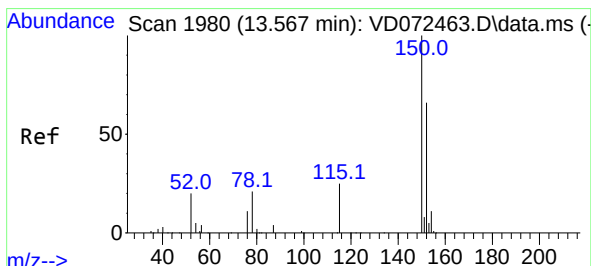
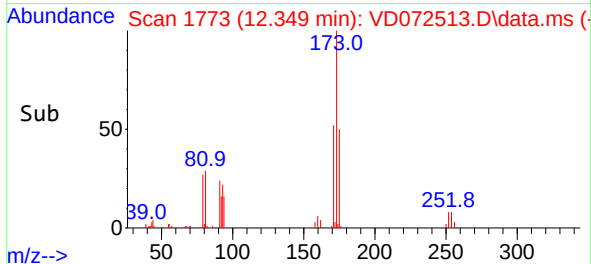
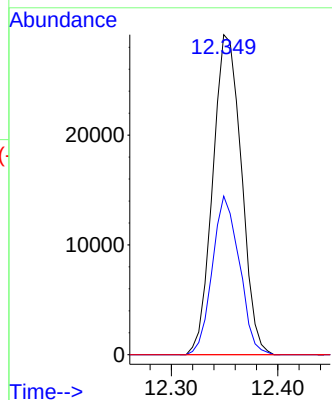
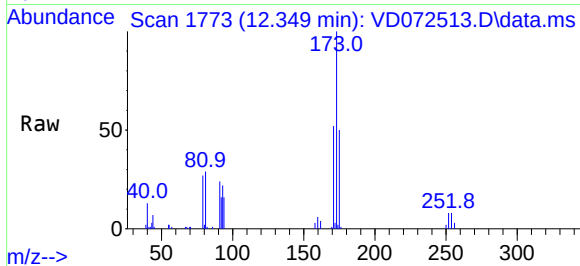




#71  
Bromoform  
Concen: 21.655 ug/l  
RT: 12.349 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

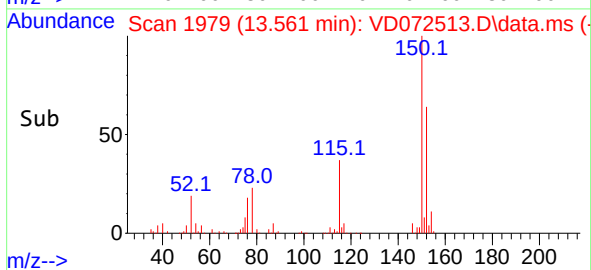
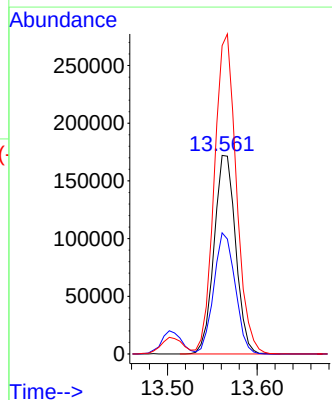
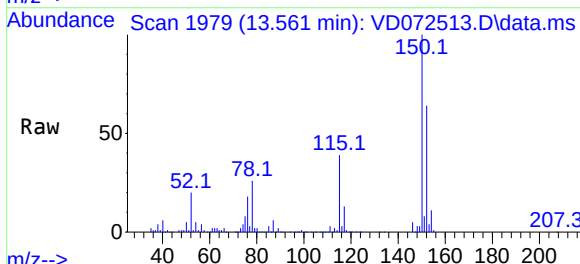
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

Tgt Ion:173 Resp: 54352  
Ion Ratio Lower Upper  
173 100  
175 46.8 23.9 71.8  
254 0.0 0.0 0.0

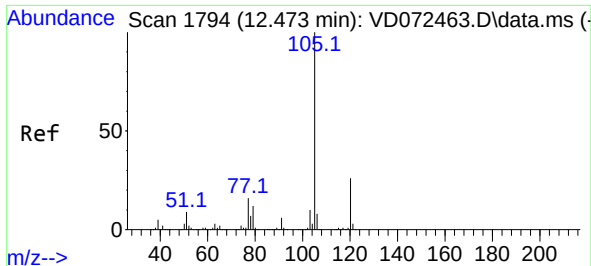


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion:152 Resp: 287510  
Ion Ratio Lower Upper  
152 100  
115 60.6 31.3 93.8  
150 164.6 0.0 348.6



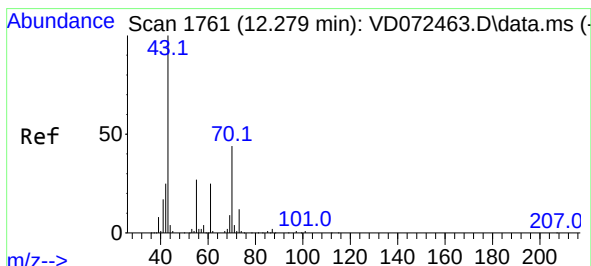
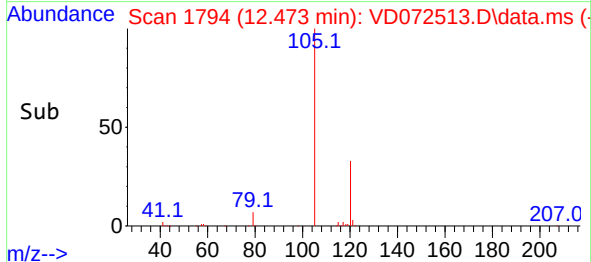
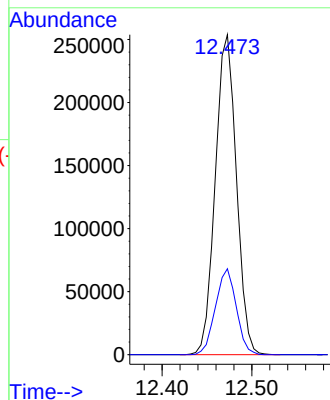
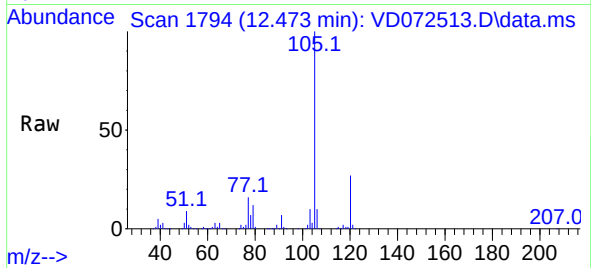




#73  
Isopropylbenzene  
Concen: 17.840 ug/l  
RT: 12.473 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

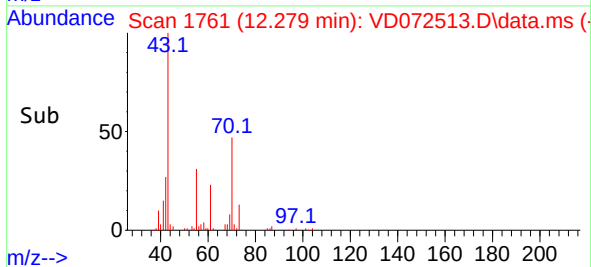
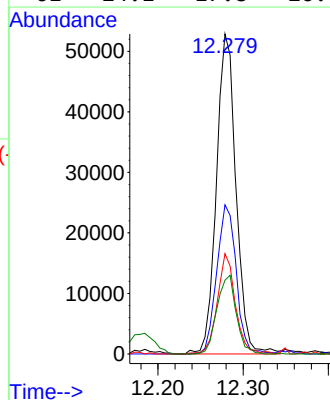
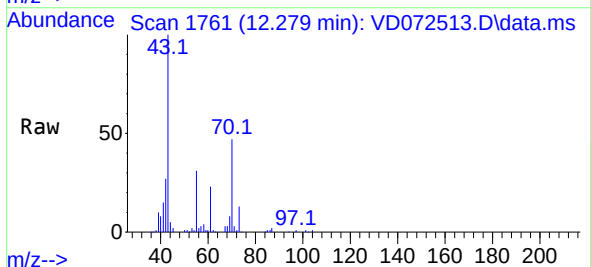
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

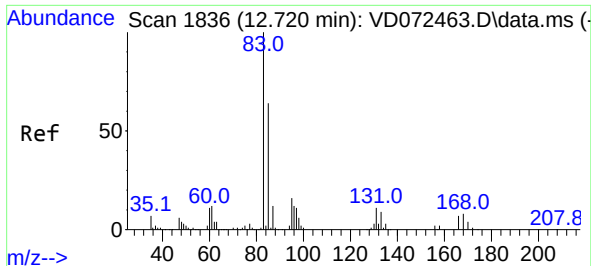
Tgt Ion:105 Resp: 414234  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.0 38.9



#74  
N-ethyl acetate  
Concen: 17.369 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 43 Resp: 84622  
Ion Ratio Lower Upper  
43 100  
70 46.4 31.3 46.9  
55 29.0 20.0 30.0  
61 24.1 17.8 26.8

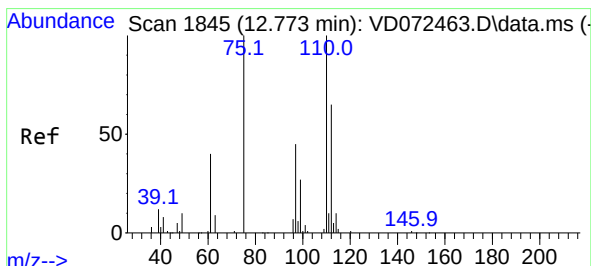
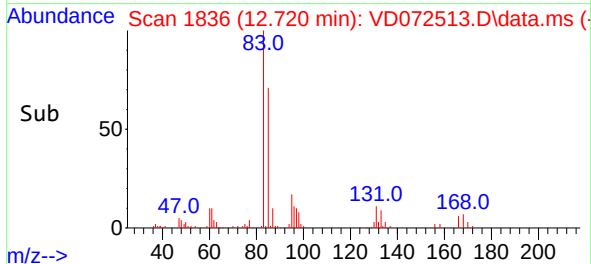
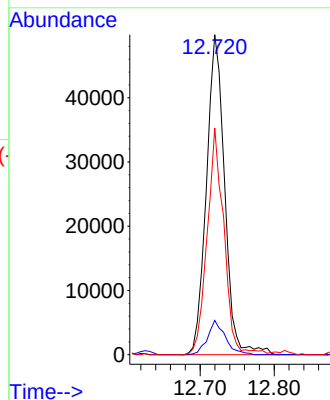
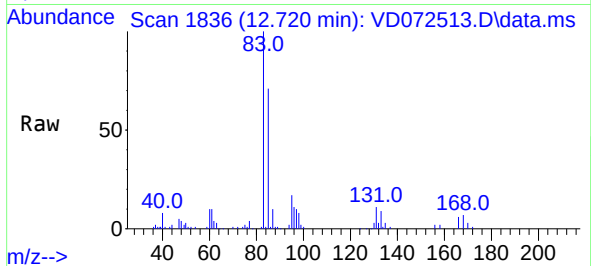




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.390 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

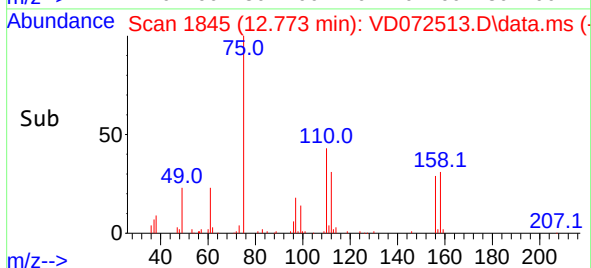
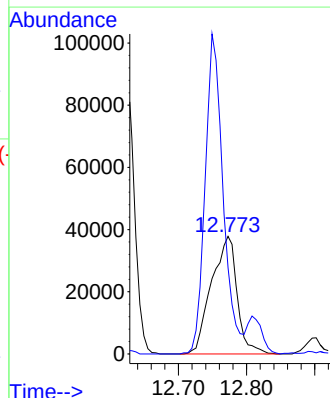
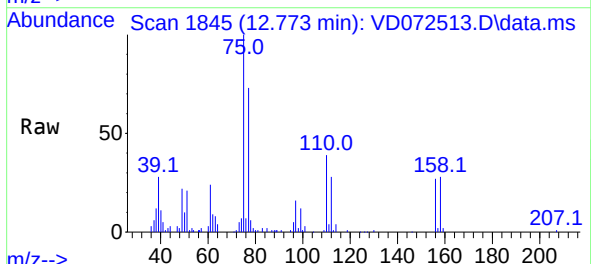
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

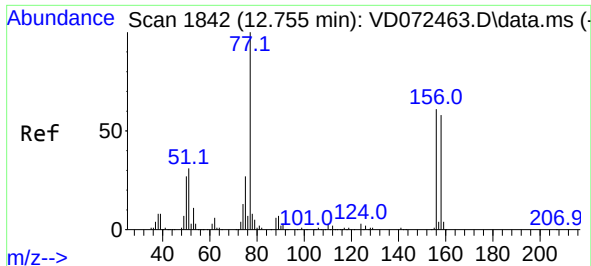
Tgt Ion: 83 Resp: 85278  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.0 14.9  
85 65.3 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 31.575 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 75 Resp: 99011  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

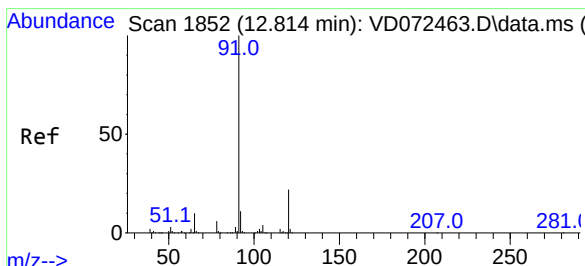
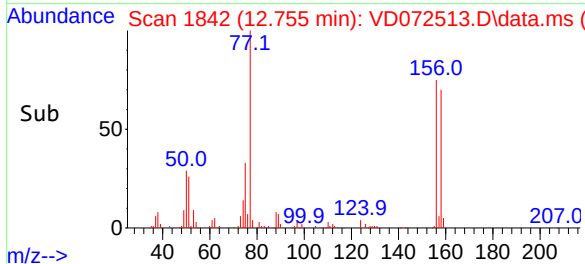
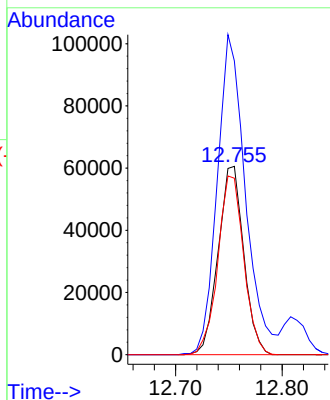
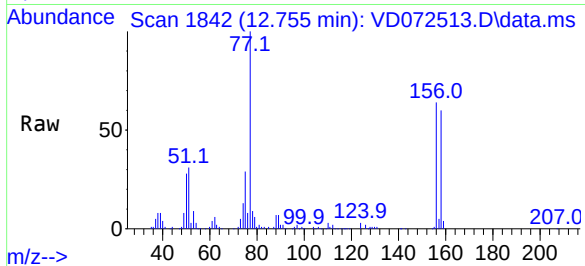




#77  
Bromobenzene  
Concen: 19.423 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

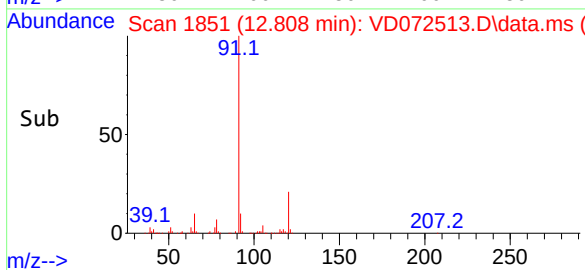
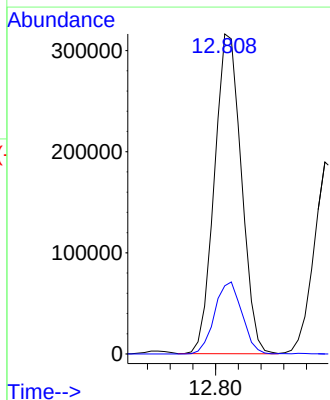
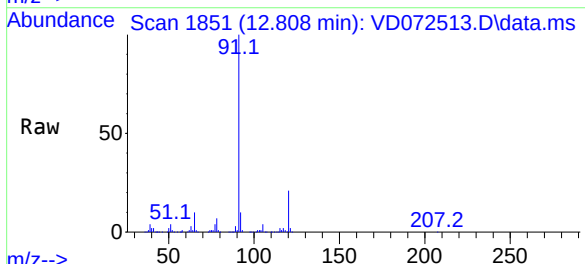
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

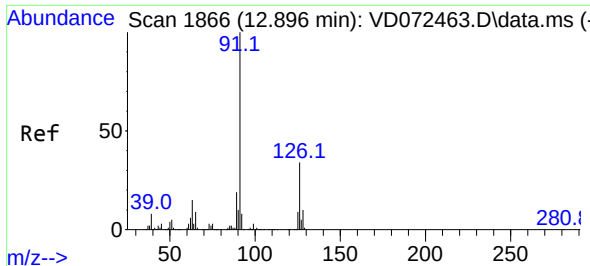
Tgt Ion:156 Resp: 101084  
Ion Ratio Lower Upper  
156 100  
77 187.8 102.8 308.3  
158 95.9 48.7 146.1



#78  
n-propylbenzene  
Concen: 18.603 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 91 Resp: 521099  
Ion Ratio Lower Upper  
91 100  
120 22.8 10.9 32.9

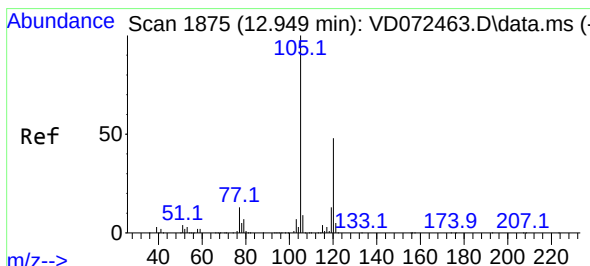
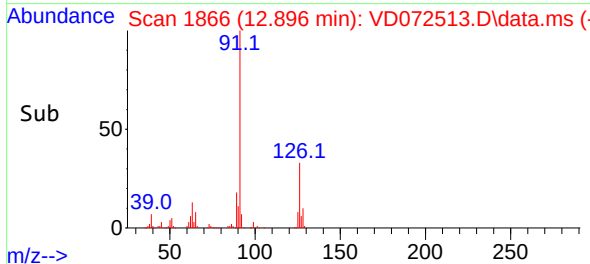
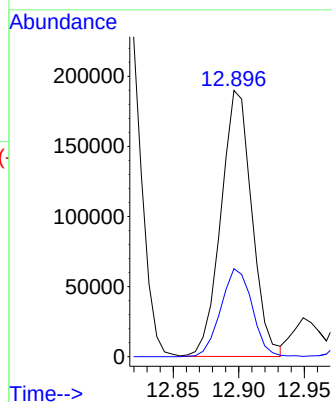
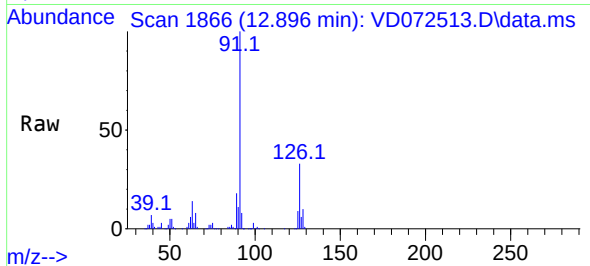




#79  
2-Chlorotoluene  
Concen: 19.007 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

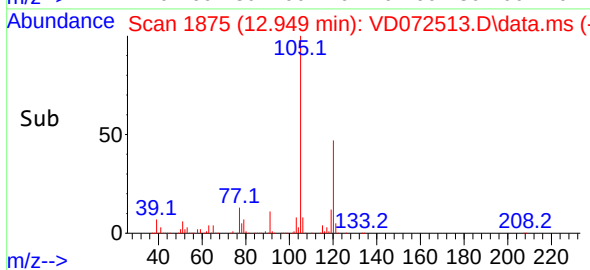
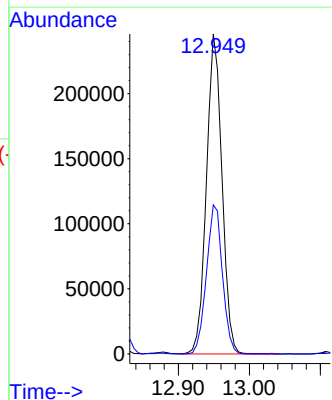
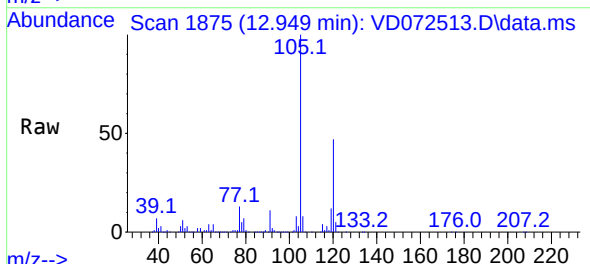
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

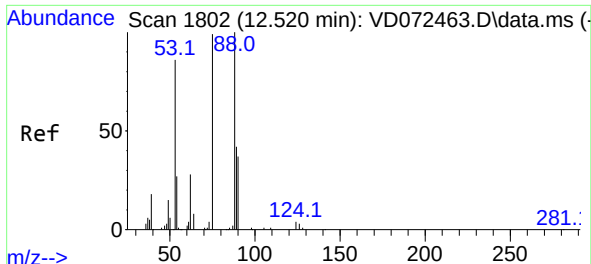
Tgt Ion: 91 Resp: 311367  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 18.862 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 105 Resp: 375092  
Ion Ratio Lower Upper  
105 100  
120 47.9 24.3 72.8

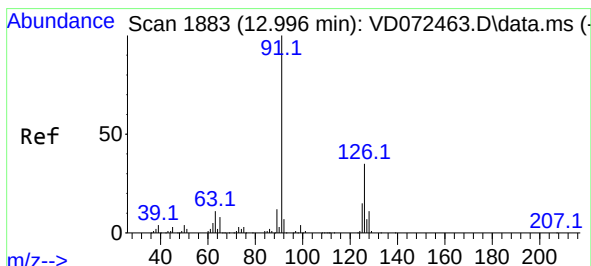
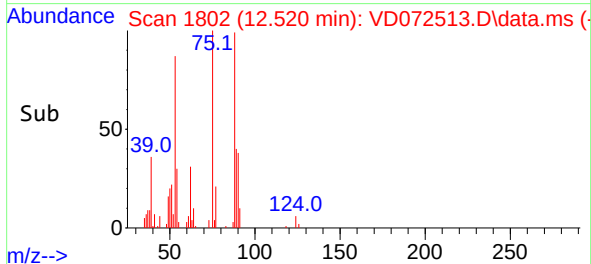
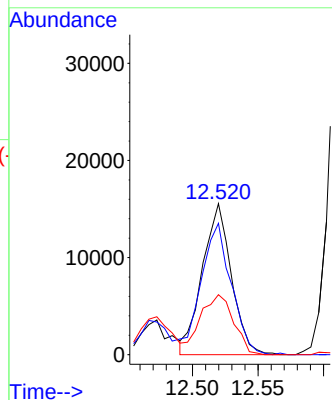
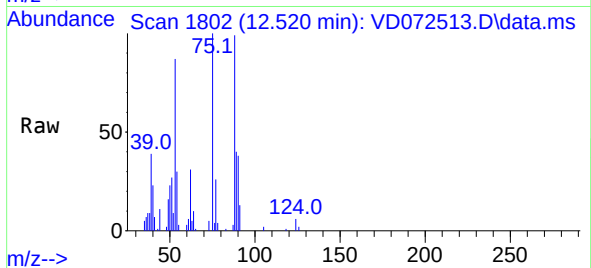




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.719 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

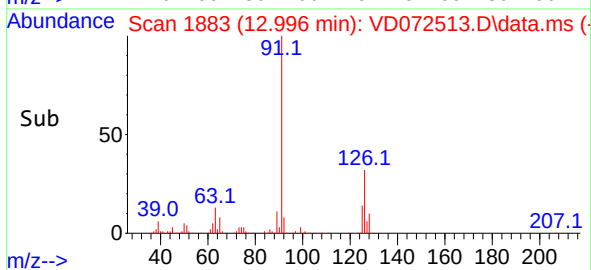
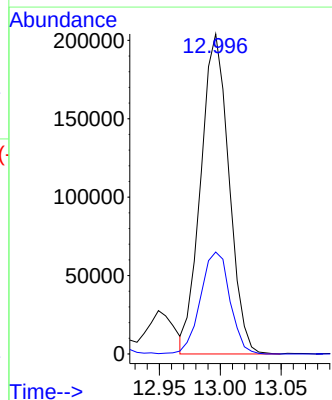
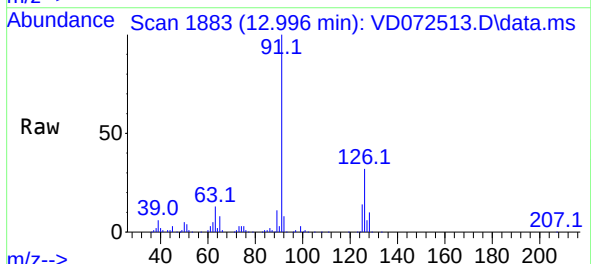
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

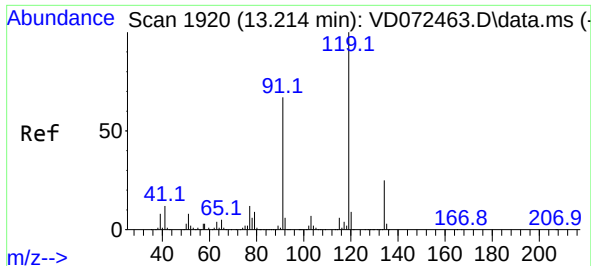
Tgt Ion: 75 Resp: 23921  
Ion Ratio Lower Upper  
75 100  
53 92.5 86.5 129.7  
89 45.9 33.9 50.9



#82  
4-Chlorotoluene  
Concen: 19.228 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 91 Resp: 328048  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.5 49.5

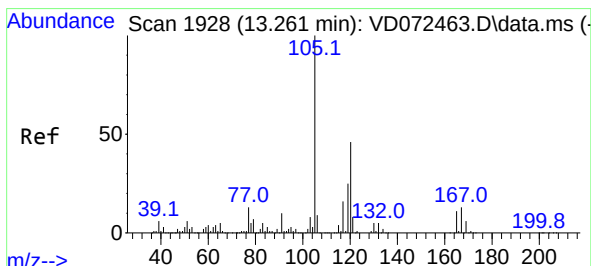
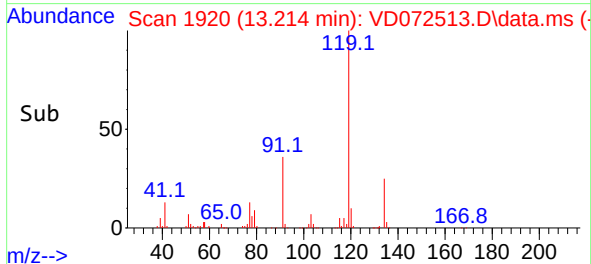
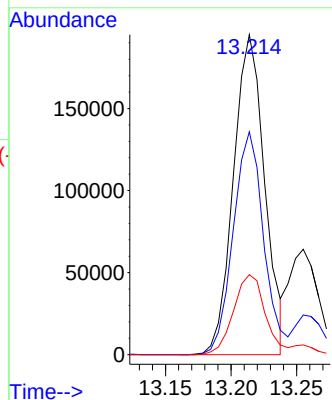
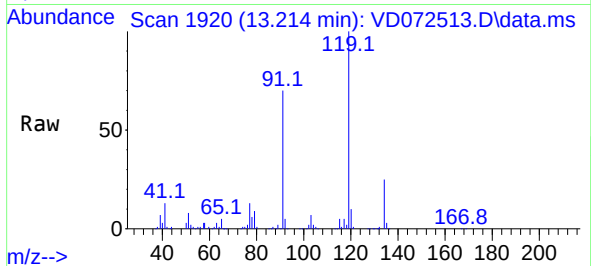




#83  
tert-Butylbenzene  
Concen: 18.798 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

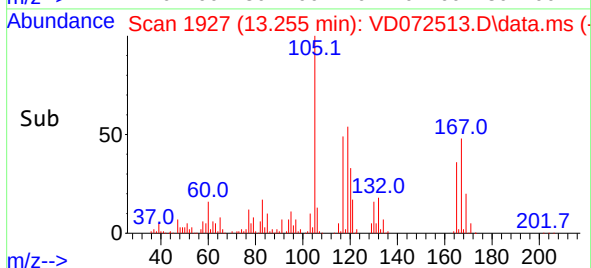
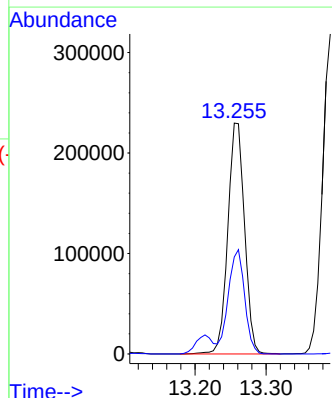
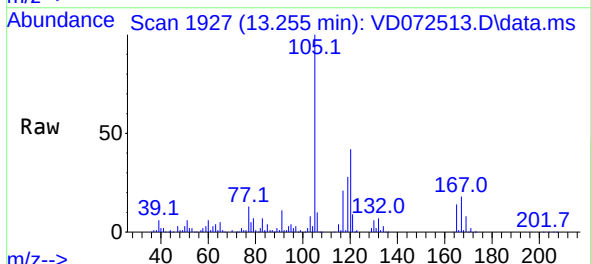
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

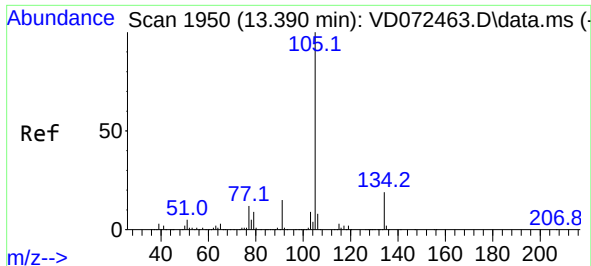
Tgt Ion:119 Resp: 323631  
Ion Ratio Lower Upper  
119 100  
91 68.2 34.8 104.5  
134 25.4 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 19.318 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion:105 Resp: 375656  
Ion Ratio Lower Upper  
105 100  
120 43.9 22.3 66.8

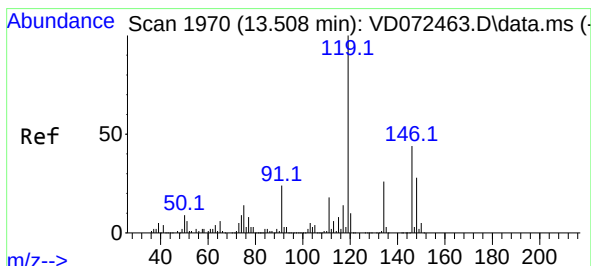
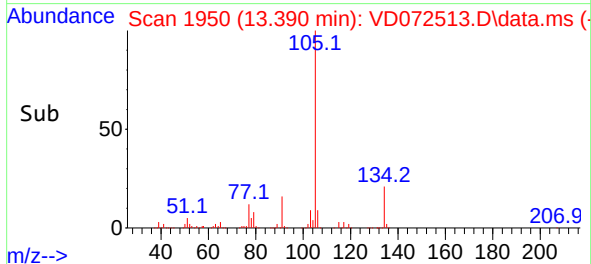
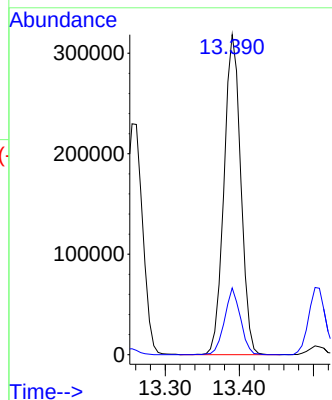
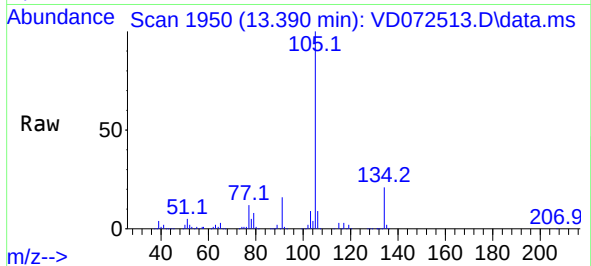




#85  
 sec-Butylbenzene  
 Concen: 19.283 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD072513.D  
 Acq: 04 Apr 2022 11:48

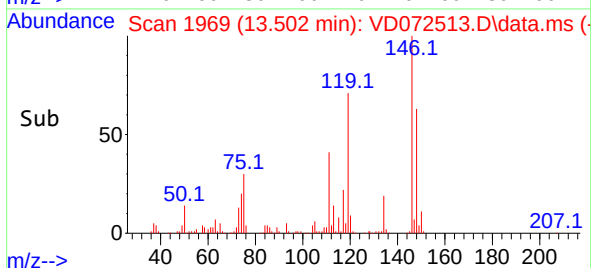
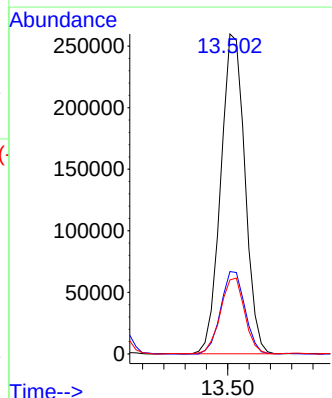
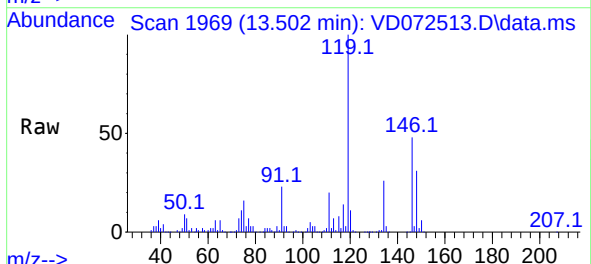
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0404SBS01

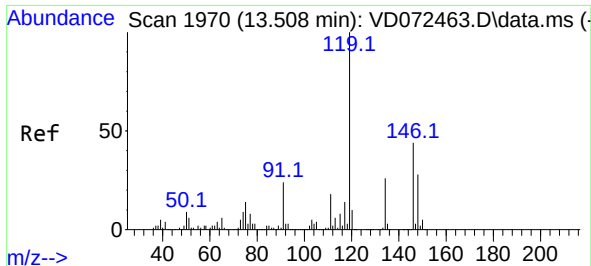
Tgt Ion:105 Resp: 500038  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 19.238 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD072513.D  
 Acq: 04 Apr 2022 11:48

Tgt Ion:119 Resp: 407764  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.9 38.6  
 91 23.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.879 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. -0.000 min

Lab File: VD072513.D

Acq: 04 Apr 2022 11:48

Instrument :

MSVOA\_D

ClientSampleId :

VD0404SBS01

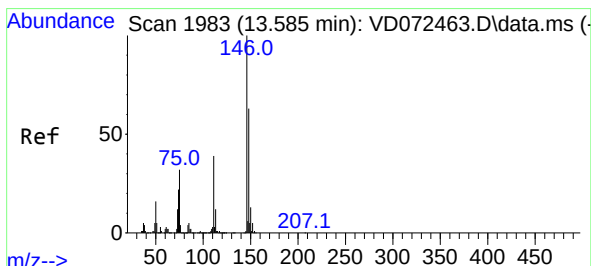
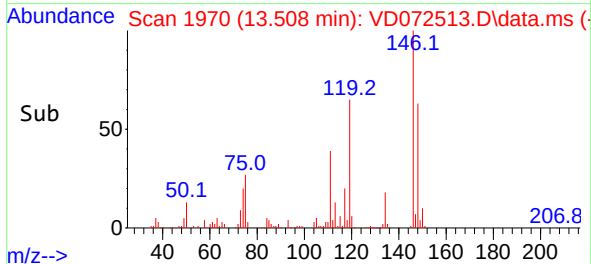
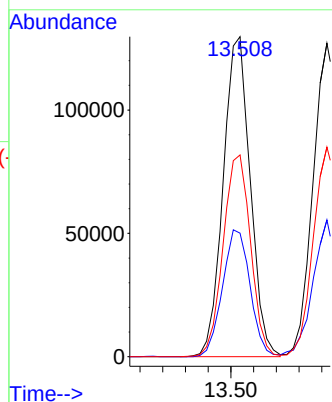
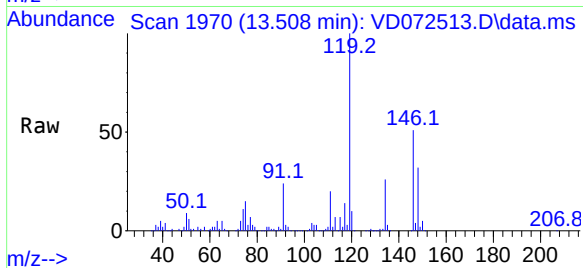
Tgt Ion:146 Resp: 214383

Ion Ratio Lower Upper

146 100

111 40.5 20.4 61.3

148 64.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.599 ug/l

RT: 13.584 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD072513.D

Acq: 04 Apr 2022 11:48

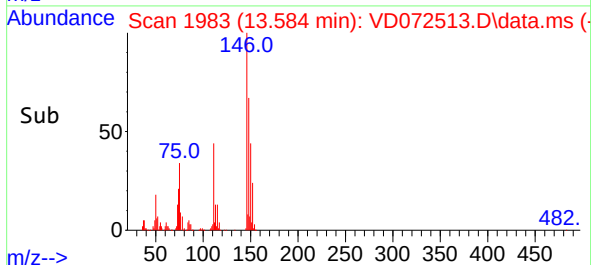
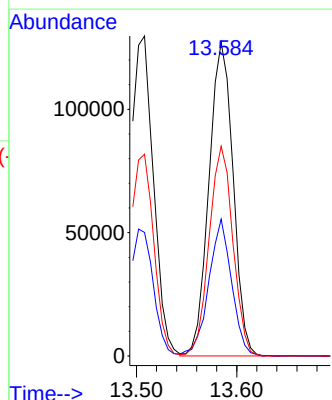
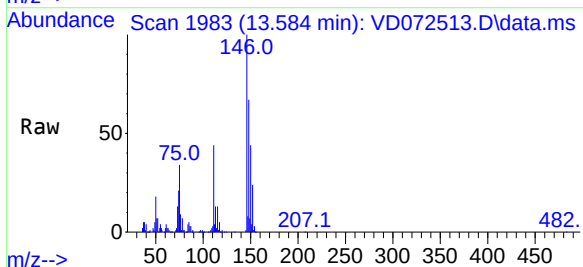
Tgt Ion:146 Resp: 213028

Ion Ratio Lower Upper

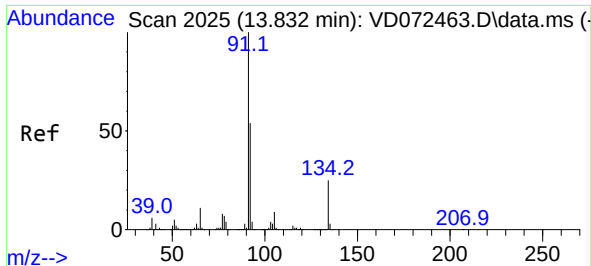
146 100

111 41.3 20.3 60.9

148 65.9 31.7 95.1



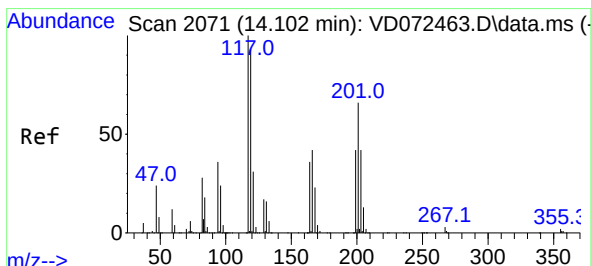
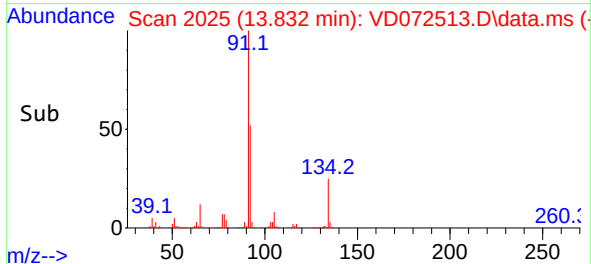
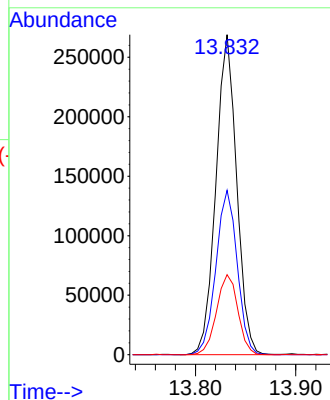
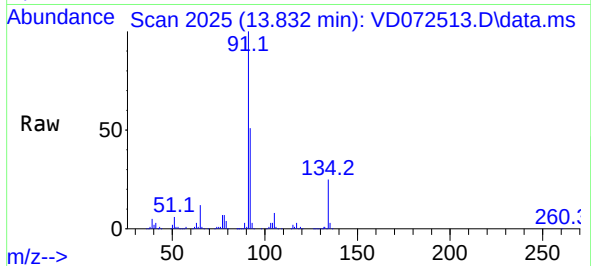




#89  
n-Butylbenzene  
Concen: 19.128 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

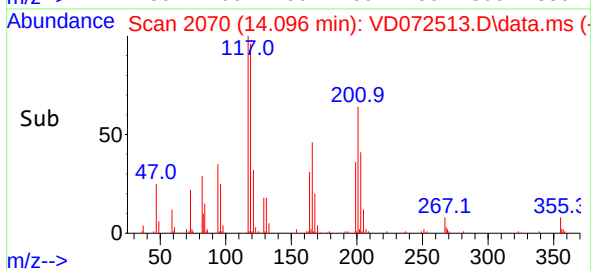
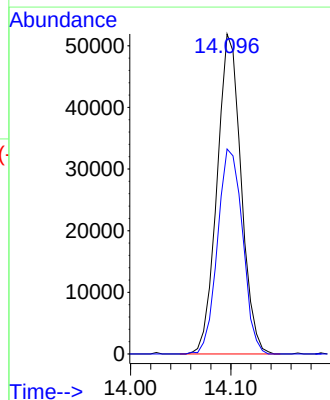
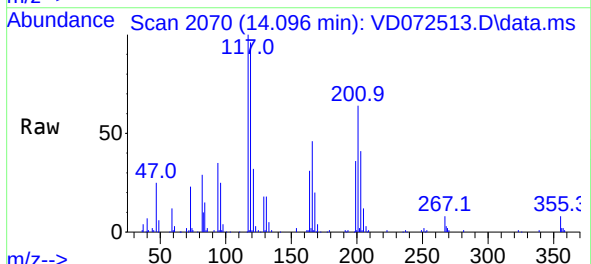
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

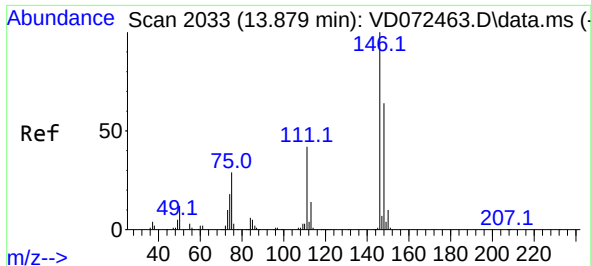
Tgt Ion: 91 Resp: 386234  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.6 79.8  
134 25.7 12.3 36.9



#90  
Hexachloroethane  
Concen: 19.914 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion: 117 Resp: 86412  
Ion Ratio Lower Upper  
117 100  
201 66.7 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 20.265 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VD072513.D

Acq: 04 Apr 2022 11:48

Instrument :

MSVOA\_D

ClientSampleId :

VD0404SBS01

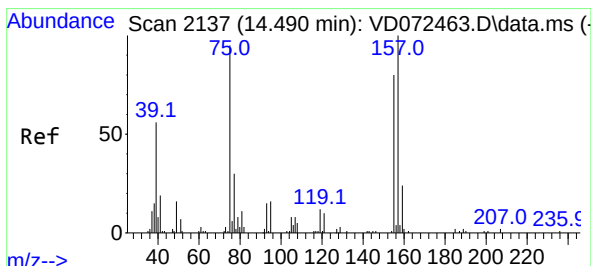
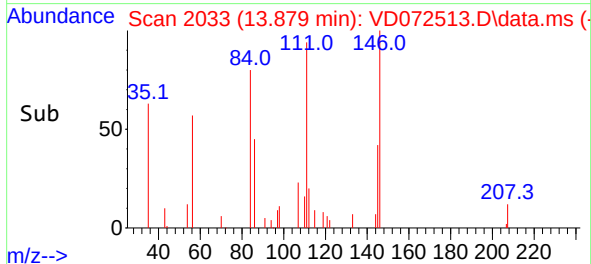
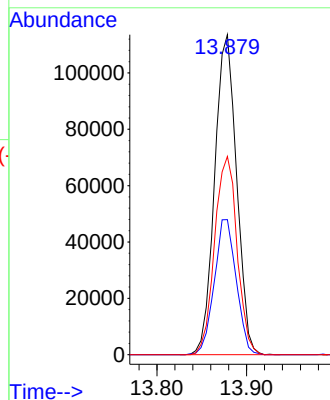
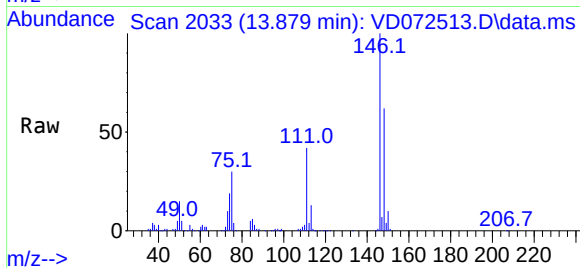
Tgt Ion:146 Resp: 192757

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.3

148 63.5 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.011 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VD072513.D

Acq: 04 Apr 2022 11:48

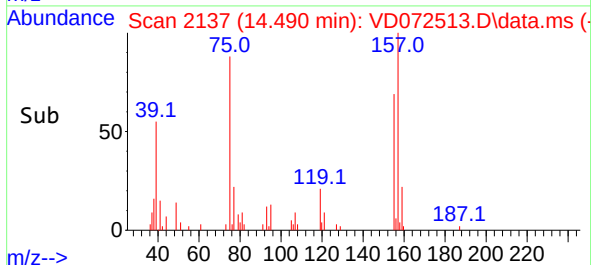
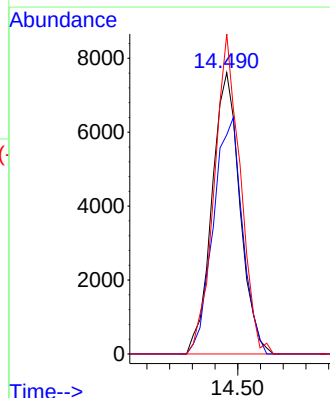
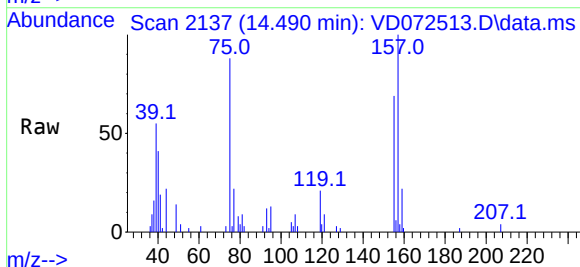
Tgt Ion: 75 Resp: 13016

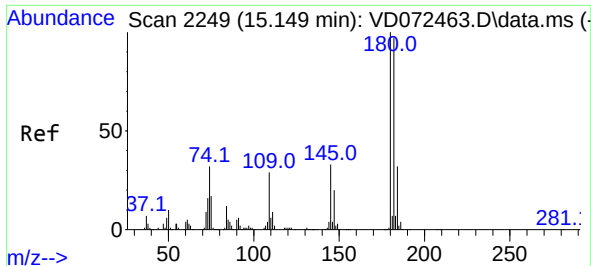
Ion Ratio Lower Upper

75 100

155 87.5 36.8 110.3

157 105.7 48.4 145.0

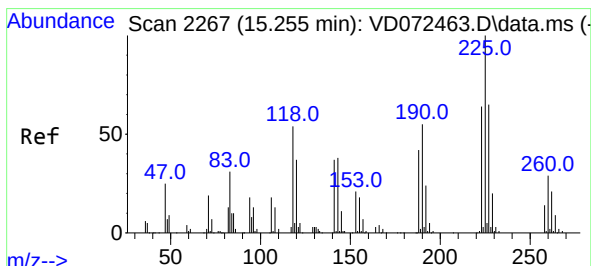
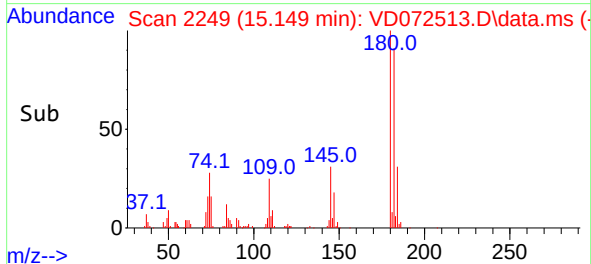
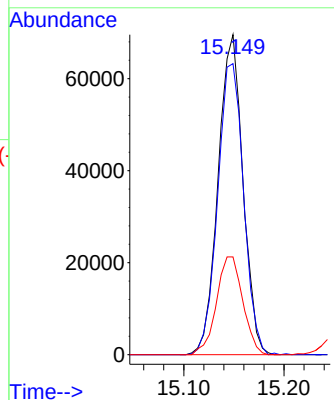
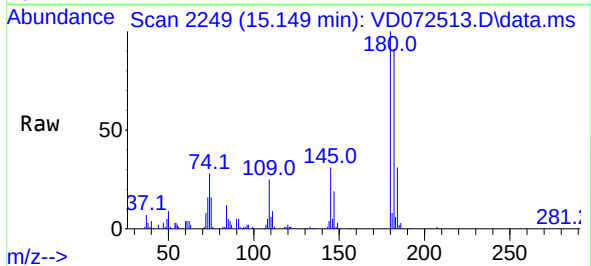




#93  
1,2,4-Trichlorobenzene  
Concen: 20.239 ug/l  
RT: 15.149 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

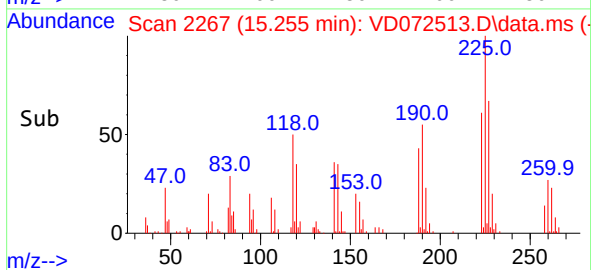
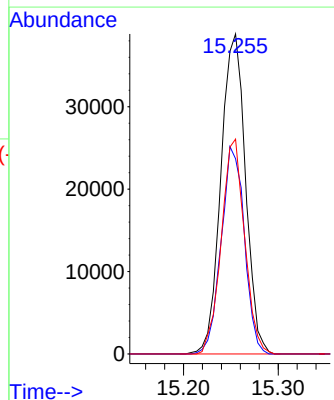
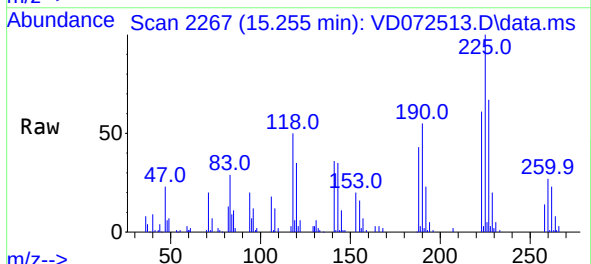
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

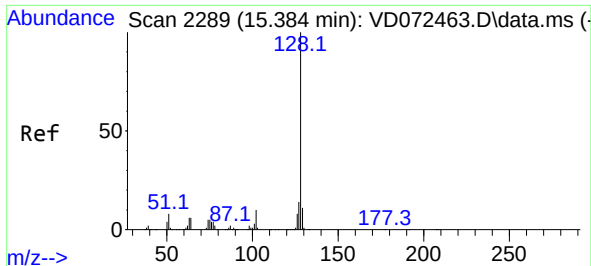
Tgt Ion:180 Resp: 119326  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.3 142.0  
145 32.5 16.2 48.5



#94  
Hexachlorobutadiene  
Concen: 21.196 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion:225 Resp: 69999  
Ion Ratio Lower Upper  
225 100  
223 61.1 31.1 93.2  
227 63.6 32.4 97.0

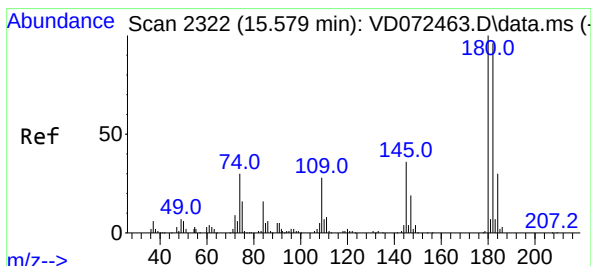
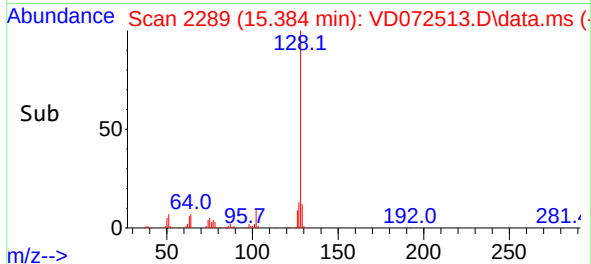
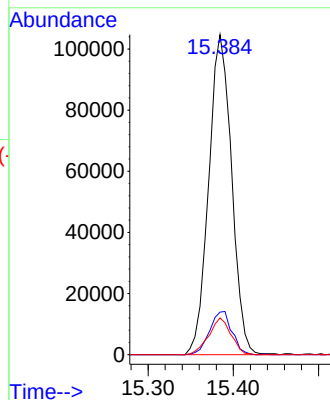
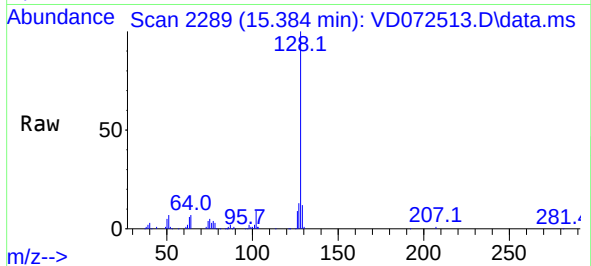




#95  
Naphthalene  
Concen: 17.085 ug/l  
RT: 15.384 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0404SBS01

Tgt Ion:128 Resp: 195729  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.3 15.5  
129 11.1 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 19.632 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. -0.006 min  
Lab File: VD072513.D  
Acq: 04 Apr 2022 11:48

Tgt Ion:180 Resp: 101019  
Ion Ratio Lower Upper  
180 100  
182 97.8 47.6 142.9  
145 33.7 17.1 51.3

