

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051822\  
 Data File : VD073110.D  
 Acq On : 18 May 2022 20:34  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: May 19 04:47:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051722S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 18 04:58:34 2022  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                        |           |       |          |          |            |          |
| Internal Standards           |           |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.973     | 168   | 240106   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.855     | 114   | 399260   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.637    | 117   | 413927   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.561    | 152   | 211027   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.326     | 65    | 158561   | 52.806   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 50 - 163 | Recovery | = 105.620% |          |
| 35) Dibromofluoromethane     | 7.908     | 113   | 147542   | 52.632   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 54 - 147 | Recovery | = 105.260% |          |
| 50) Toluene-d8               | 10.332    | 98    | 517850   | 50.921   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 49 - 140 | Recovery | = 101.840% |          |
| 62) 4-Bromofluorobenzene     | 12.620    | 95    | 196559   | 53.363   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 25 - 144 | Recovery | = 106.720% |          |
| Target Compounds             |           |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991     | 85    | 111619   | 37.176   | ug/l       | 95       |
| 3) Chloromethane             | 2.209     | 50    | 122563   | 39.597   | ug/l       | 93       |
| 4) Vinyl Chloride            | 2.344     | 62    | 115187   | 40.464   | ug/l       | 92       |
| 5) Bromomethane              | 2.761     | 94    | 80661    | 39.894   | ug/l       | 97       |
| 6) Chloroethane              | 2.914     | 64    | 73432    | 41.424   | ug/l       | 93       |
| 7) Trichlorofluoromethane    | 3.267     | 101   | 223656   | 42.934   | ug/l       | 98       |
| 8) Diethyl Ether             | 3.703     | 74    | 71345    | 50.051   | ug/l       | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 4.091     | 101   | 132037   | 42.801   | ug/l       | 98       |
| 10) Methyl Iodide            | 4.297     | 142   | 130430   | 37.500   | ug/l       | 98       |
| 11) Tert butyl alcohol       | 5.197     | 59    | 81970    | 176.489  | ug/l #     | 74       |
| 12) 1,1-Dichloroethene       | 4.061     | 96    | 121265   | 43.471   | ug/l       | 89       |
| 13) Acrolein                 | 3.920     | 56    | 60970    | 216.887  | ug/l       | 97       |
| 14) Allyl chloride           | 4.708     | 41    | 195724   | 44.285   | ug/l       | 93       |
| 15) Acrylonitrile            | 5.414     | 53    | 190296   | 278.544  | ug/l       | 96       |
| 16) Acetone                  | 4.156     | 43    | 143022   | 263.206  | ug/l       | 93       |
| 17) Carbon Disulfide         | 4.403     | 76    | 399385   | 42.747   | ug/l       | 99       |
| 18) Methyl Acetate           | 4.714     | 43    | 81930    | 49.934   | ug/l       | 91       |
| 19) Methyl tert-butyl Ether  | 5.473     | 73    | 342284   | 52.467   | ug/l       | 97       |
| 20) Methylene Chloride       | 4.955     | 84    | 189876   | 48.145   | ug/l       | 85       |
| 21) trans-1,2-Dichloroethene | 5.467     | 96    | 150759   | 45.433   | ug/l       | 91       |
| 22) Diisopropyl ether        | 6.355     | 45    | 480391   | 50.640   | ug/l       | 96       |
| 23) Vinyl Acetate            | 6.297     | 43    | 1371565  | 267.633  | ug/l #     | 94       |
| 24) 1,1-Dichloroethane       | 6.255     | 63    | 271099   | 45.935   | ug/l       | 99       |
| 25) 2-Butanone               | 7.202     | 43    | 230268   | 279.852  | ug/l       | 96       |
| 26) 2,2-Dichloropropane      | 7.202     | 77    | 212194   | 42.468   | ug/l       | 98       |
| 27) cis-1,2-Dichloroethene   | 7.208     | 96    | 171825   | 46.956   | ug/l       | 92       |
| 28) Bromochloromethane       | 7.538     | 49    | 110986   | 54.899   | ug/l #     | 83       |
| 29) Tetrahydrofuran          | 7.555     | 42    | 158257   | 298.901  | ug/l       | 94       |
| 30) Chloroform               | 7.702     | 83    | 299331   | 47.402   | ug/l       | 100      |
| 31) Cyclohexane              | 7.979     | 56    | 225857   | 41.758   | ug/l       | 95       |
| 32) 1,1,1-Trichloroethane    | 7.902     | 97    | 243452   | 45.000   | ug/l       | 97       |
| 36) 1,1-Dichloropropene      | 8.102     | 75    | 202503   | 44.334   | ug/l       | 95       |
| 37) Ethyl Acetate            | 7.285     | 43    | 104033   | 54.233   | ug/l #     | 94       |
| 38) Carbon Tetrachloride     | 8.091     | 117   | 212943   | 45.568   | ug/l       | 99       |
| 39) Methylcyclohexane        | 9.349     | 83    | 238719   | 44.820   | ug/l       | 96       |
| 40) Benzene                  | 8.344     | 78    | 622713   | 47.679   | ug/l       | 98       |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: May 19 04:47:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051722S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 18 04:58:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 54831    | 50.690   | ug/l # | 84       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 193098   | 50.795   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.444  | 43   | 197907   | 55.491   | ug/l # | 94       |
| 44) Trichloroethene           | 9.108  | 130  | 161204   | 45.633   | ug/l   | 85       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 165354   | 48.753   | ug/l   | 99       |
| 46) Dibromomethane            | 9.467  | 93   | 96595    | 51.505   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.655  | 83   | 235237   | 49.385   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.449  | 41   | 99922    | 56.483   | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 23562    | 1206.731 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 550397   | 295.723  | ug/l   | 95       |
| 52) Toluene                   | 10.396 | 92   | 399784   | 48.214   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.608 | 75   | 217664   | 50.104   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.079 | 75   | 255224   | 49.829   | ug/l   | 89       |
| 55) 1,1,2-Trichloroethane     | 10.790 | 97   | 134774   | 52.649   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.649 | 69   | 167764   | 57.949   | ug/l   | 86       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 225465   | 51.764   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 409478   | 264.169  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.973 | 43   | 376162   | 305.949  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.126 | 129  | 169349   | 53.249   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 131785   | 53.500   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.867 | 164  | 130776   | 43.124   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.661 | 112  | 432075   | 46.037   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 165680   | 46.212   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.732 | 91   | 742900   | 45.460   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.843 | 106  | 590015   | 93.158   | ug/l   | 100      |
| 69) o-Xylene                  | 12.167 | 106  | 277219   | 47.463   | ug/l   | 96       |
| 70) Styrene                   | 12.185 | 104  | 505225   | 49.524   | ug/l   | 96       |
| 71) Bromoform                 | 12.349 | 173  | 98028    | 51.931   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.467 | 105  | 706820   | 44.188   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 193337   | 51.720   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 159164   | 50.473   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.767 | 75   | 199167   | 83.490   | ug/l # | 100      |
| 77) Bromobenzene              | 12.749 | 156  | 179764   | 47.101   | ug/l   | 95       |
| 78) n-propylbenzene           | 12.808 | 91   | 898182   | 44.714   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 530631   | 45.346   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 618785   | 45.409   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.514 | 75   | 49441    | 49.695   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 12.990 | 91   | 559355   | 45.165   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.208 | 119  | 519198   | 44.981   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 626275   | 46.194   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.384 | 105  | 788351   | 44.995   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 651211   | 45.695   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 351699   | 44.835   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 355639   | 45.879   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.826 | 91   | 618027   | 44.593   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.096 | 117  | 129342   | 43.678   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 315937   | 46.436   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 25463    | 51.948   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 182427   | 46.994   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 95547    | 44.096   | ug/l   | 97       |
| 95) Naphthalene               | 15.384 | 128  | 370559   | 45.491   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 164365   | 47.691   | ug/l   | 99       |

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Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051722S.M  
Quant Title : SW846 8260  
QLast Update : Wed May 18 04:58:34 2022  
Response via : Initial Calibration

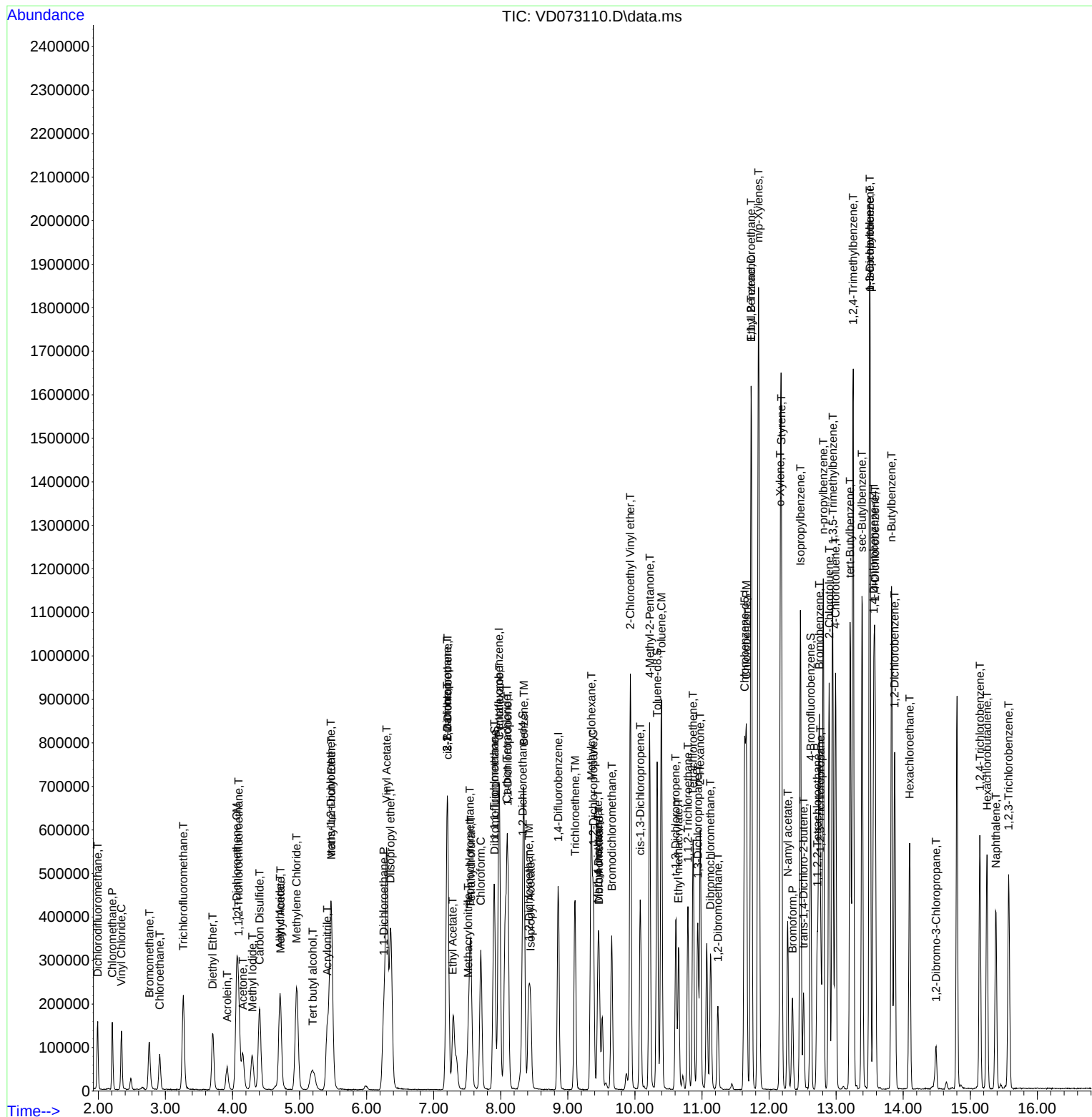
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

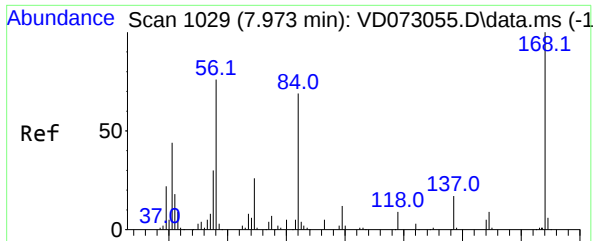
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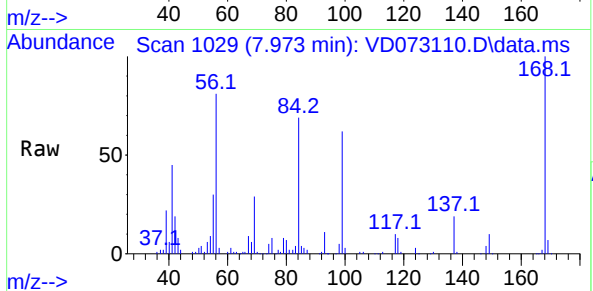
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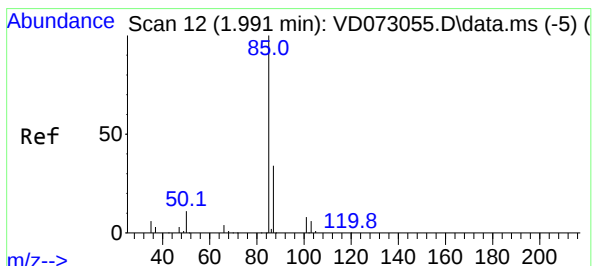
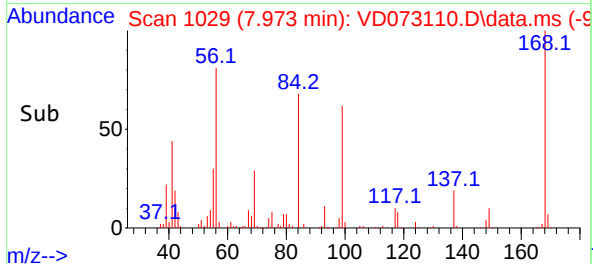
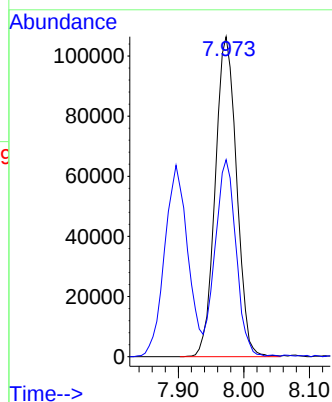


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

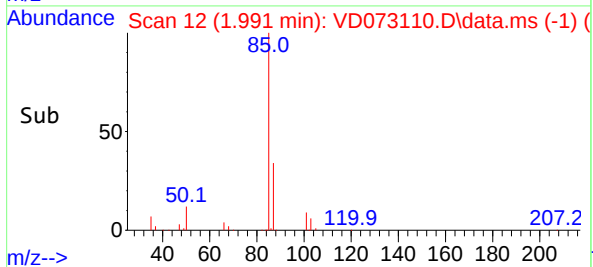
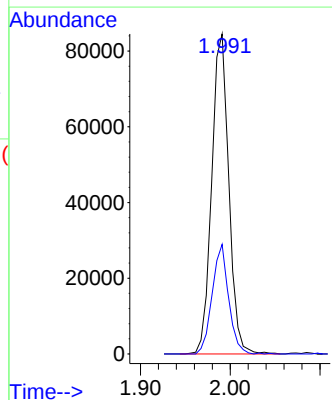
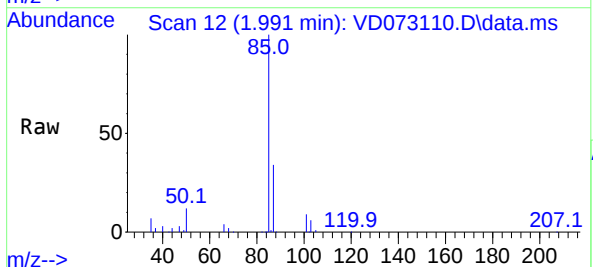


Tgt Ion:168 Resp: 240106  
Ion Ratio Lower Upper  
168 100  
99 61.4 49.8 74.6

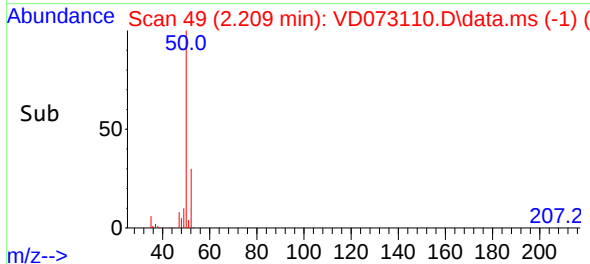
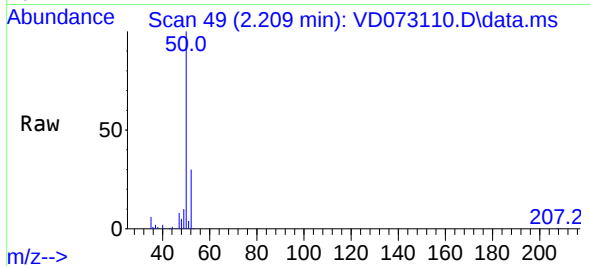
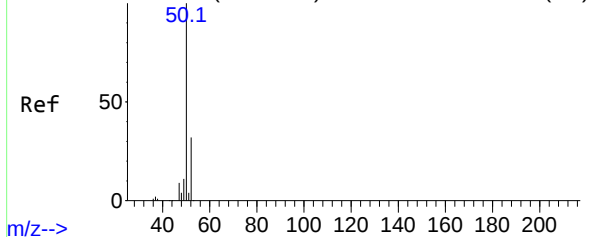


#2  
Dichlorodifluoromethane  
Concen: 37.176 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 85 Resp: 111619  
Ion Ratio Lower Upper  
85 100  
87 34.3 15.7 47.0



Abundance Scan 49 (2.209 min): VD073055.D\data.ms (-43)



#3

Chloromethane

Concen: 39.597 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

Instrument :

MSVOA\_D

ClientSampleId :

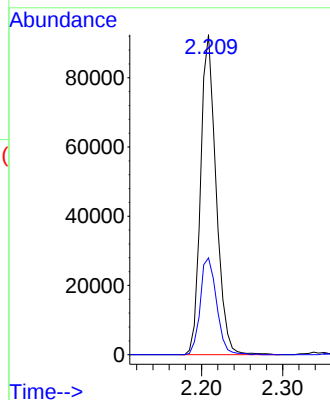
VSTDCCC050EC

Tgt Ion: 50 Resp: 122563

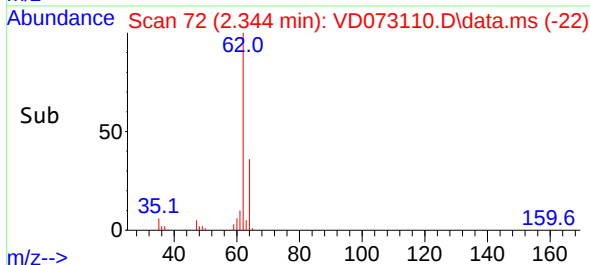
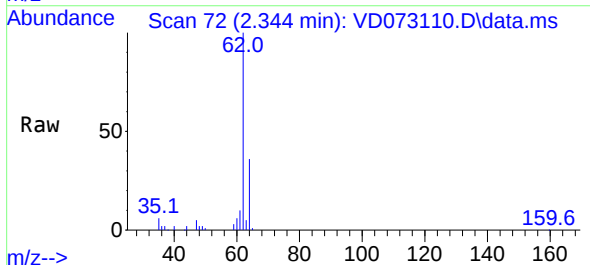
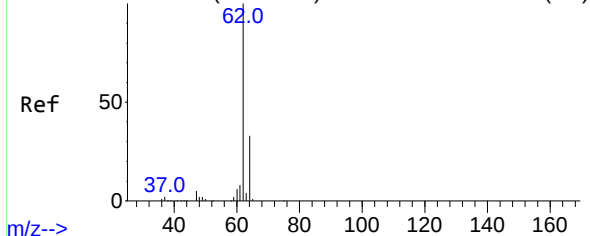
Ion Ratio Lower Upper

50 100

52 30.2 27.4 41.0



Abundance Scan 73 (2.350 min): VD073055.D\data.ms (-65)



#4

Vinyl Chloride

Concen: 40.464 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD073110.D

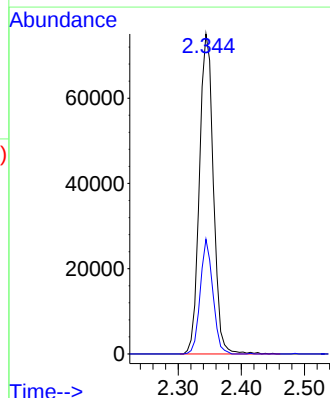
Acq: 18 May 2022 20:34

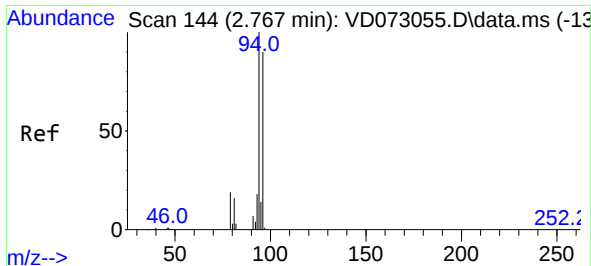
Tgt Ion: 62 Resp: 115187

Ion Ratio Lower Upper

62 100

64 35.9 25.4 38.0

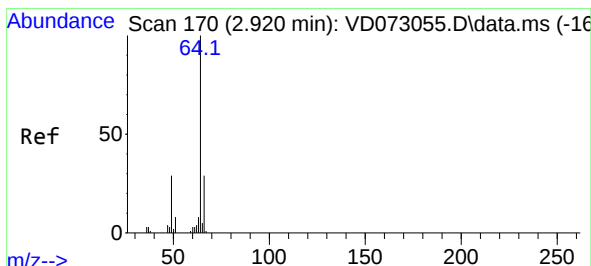
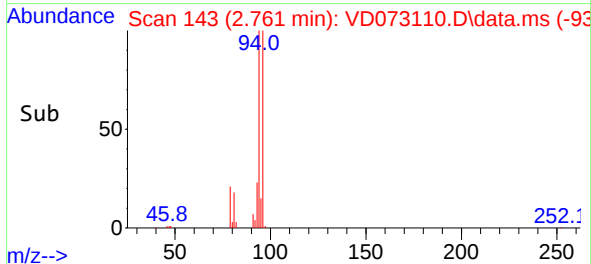
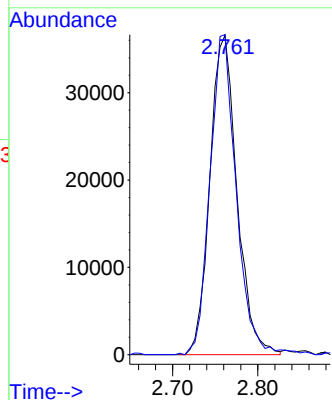
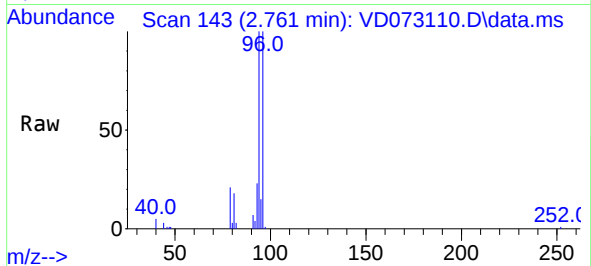




#5  
Bromomethane  
Concen: 39.894 ug/l  
RT: 2.761 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

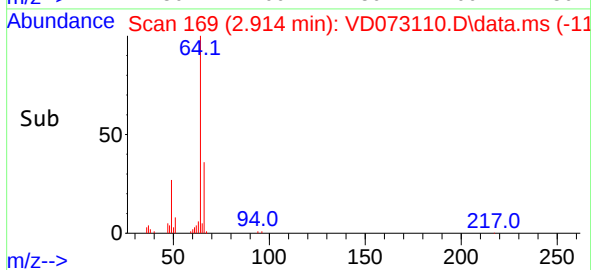
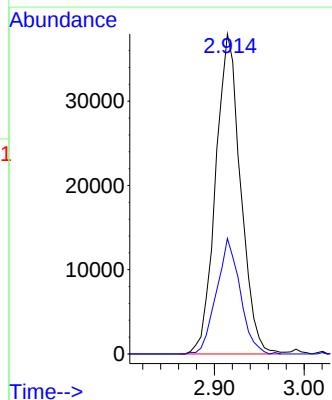
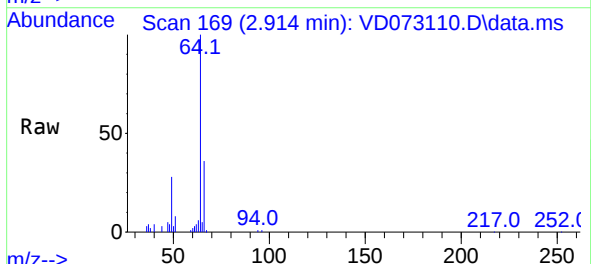
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

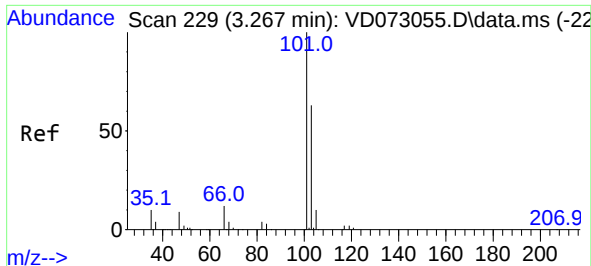
Tgt Ion: 94 Resp: 80661  
Ion Ratio Lower Upper  
94 100  
96 99.8 77.6 116.4



#6  
Chloroethane  
Concen: 41.424 ug/l  
RT: 2.914 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 64 Resp: 73432  
Ion Ratio Lower Upper  
64 100  
66 36.1 25.9 38.9

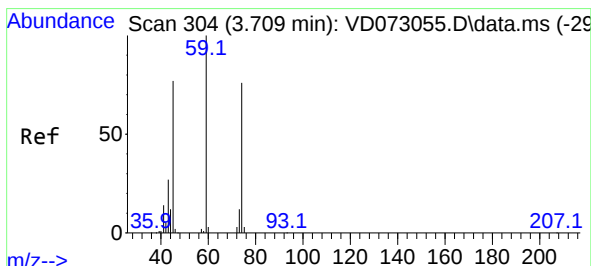
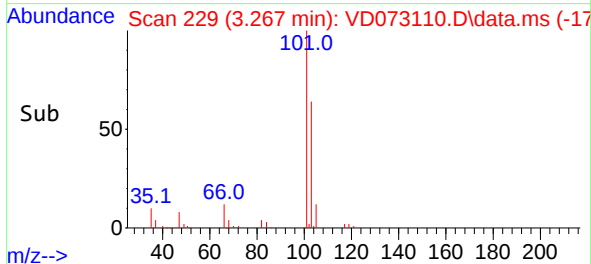
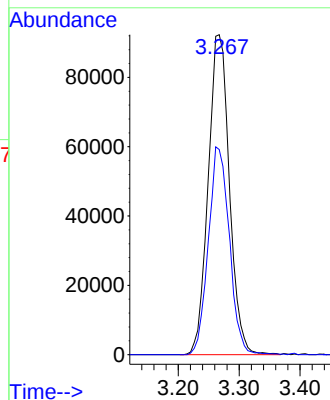
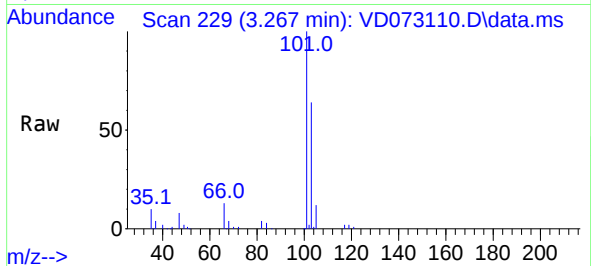




#7  
 Trichlorofluoromethane  
 Concen: 42.934 ug/l  
 RT: 3.267 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VD073110.D  
 Acq: 18 May 2022 20:34

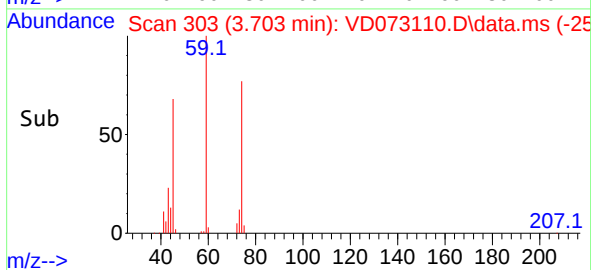
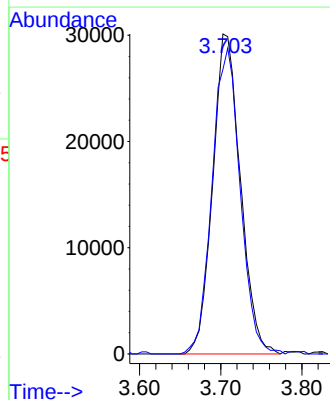
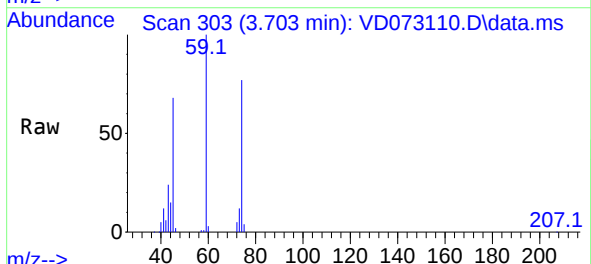
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

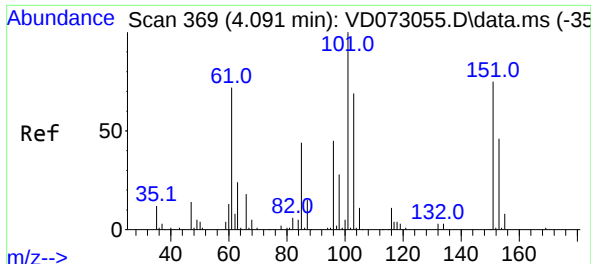
Tgt Ion:101 Resp: 223656  
 Ion Ratio Lower Upper  
 101 100  
 103 64.1 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 50.051 ug/l  
 RT: 3.703 min Scan# 303  
 Delta R.T. -0.006 min  
 Lab File: VD073110.D  
 Acq: 18 May 2022 20:34

Tgt Ion: 74 Resp: 71345  
 Ion Ratio Lower Upper  
 74 100  
 45 97.0 52.6 157.8

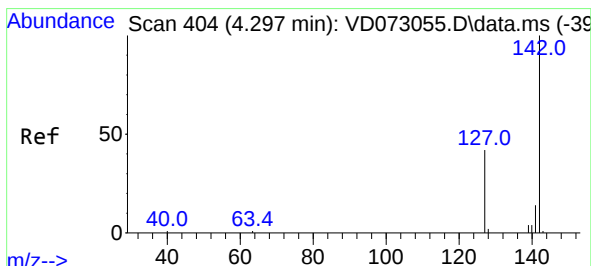
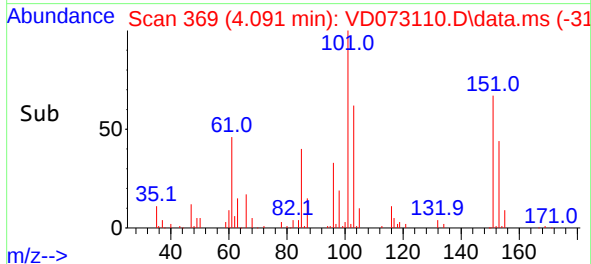
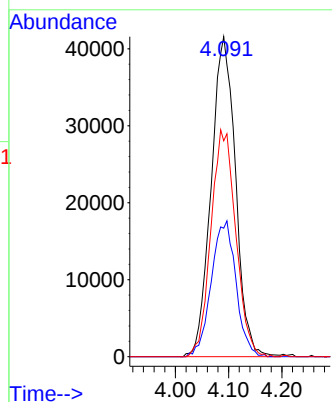
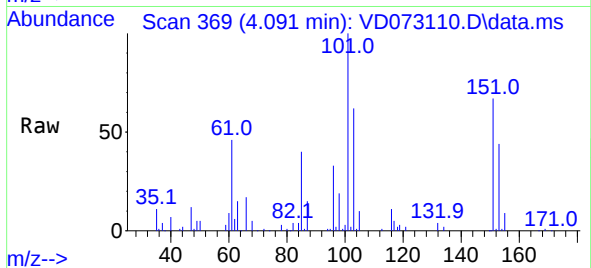




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 42.801 ug/l  
RT: 4.091 min Scan# 369  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

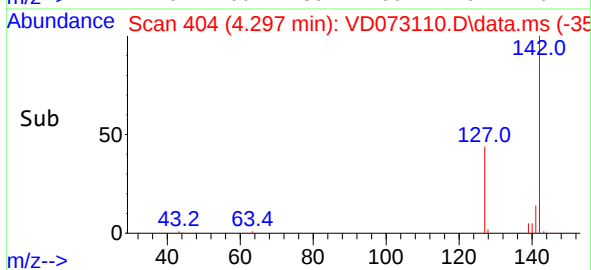
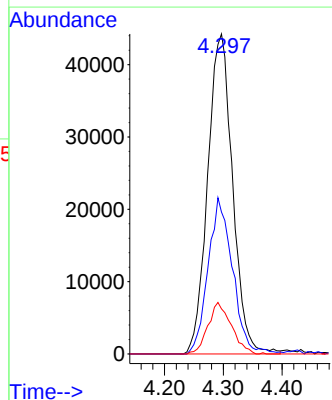
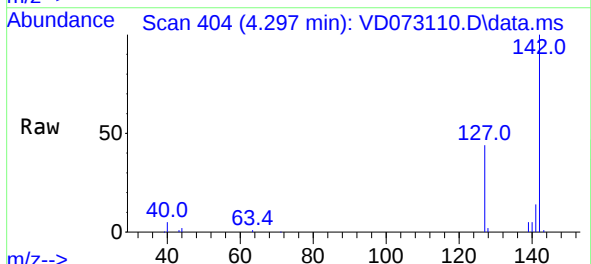
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

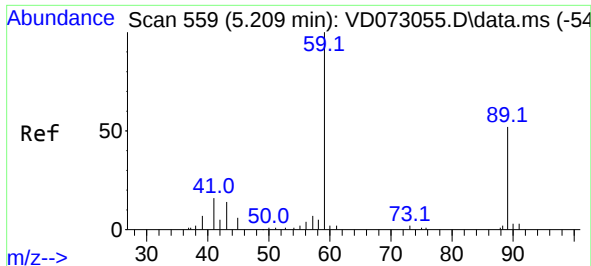
Tgt Ion:101 Resp: 132037  
Ion Ratio Lower Upper  
101 100  
85 43.1 36.4 54.6  
151 72.4 57.3 85.9



#10  
Methyl Iodide  
Concen: 37.500 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion:142 Resp: 130430  
Ion Ratio Lower Upper  
142 100  
127 48.0 37.3 55.9  
141 15.0 11.7 17.5





#11

Tert butyl alcohol

Concen: 176.489 ug/l

RT: 5.197 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

Instrument :

MSVOA\_D

ClientSampleId :

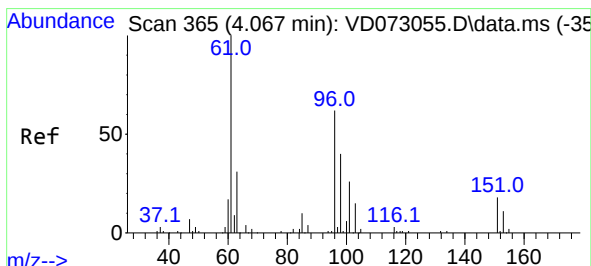
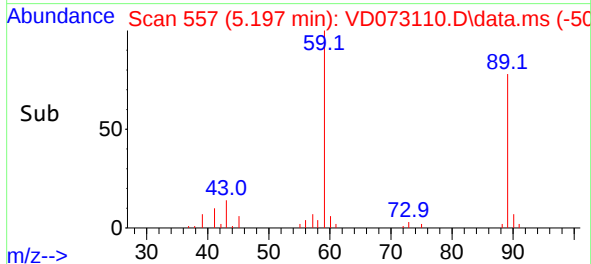
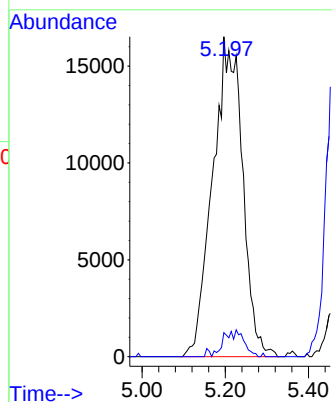
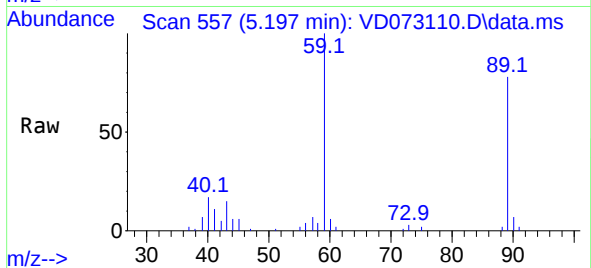
VSTDCCC050EC

Tgt Ion: 59 Resp: 81970

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 43.471 ug/l

RT: 4.061 min Scan# 364

Delta R.T. -0.006 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

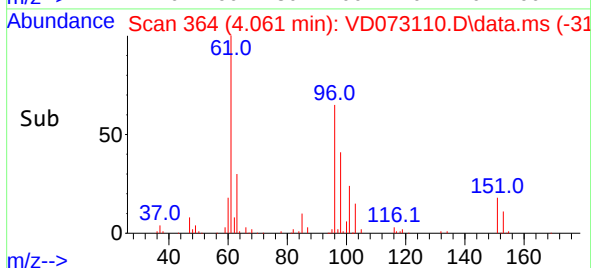
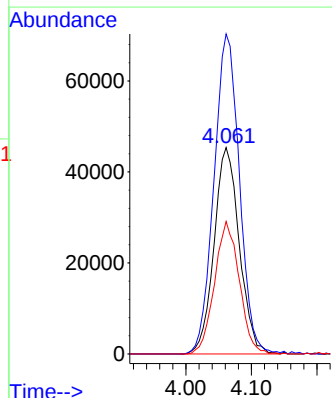
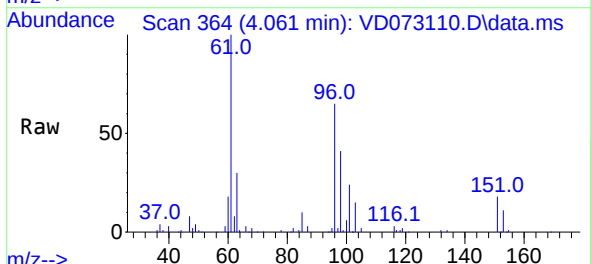
Tgt Ion: 96 Resp: 121265

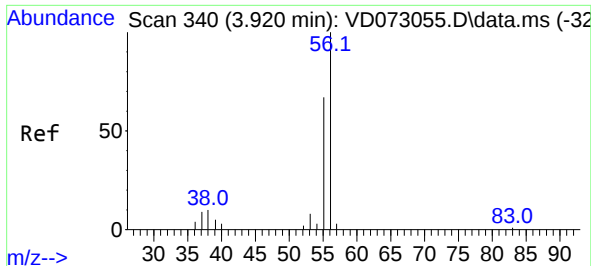
Ion Ratio Lower Upper

96 100

61 155.0 138.5 207.7

98 64.2 48.6 73.0

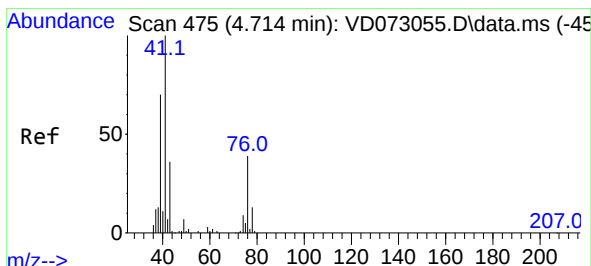
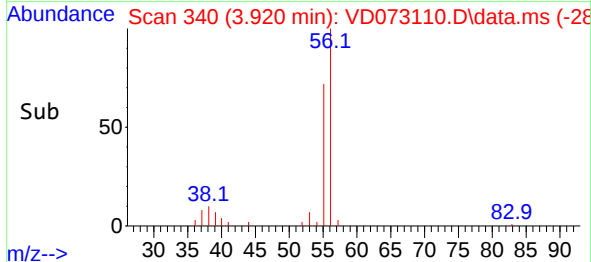
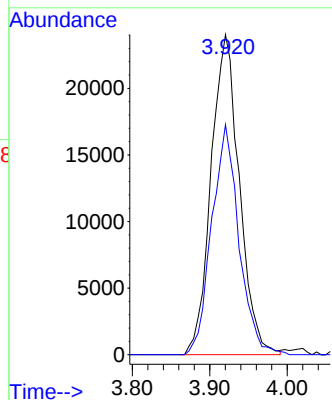
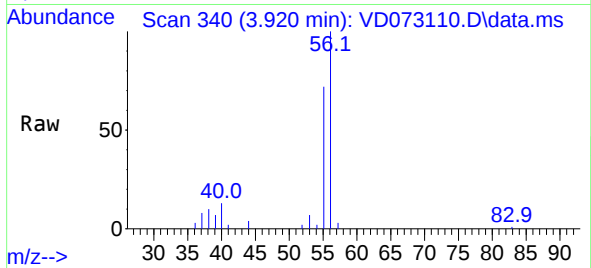




#13  
Acrolein  
Concen: 216.887 ug/l  
RT: 3.920 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

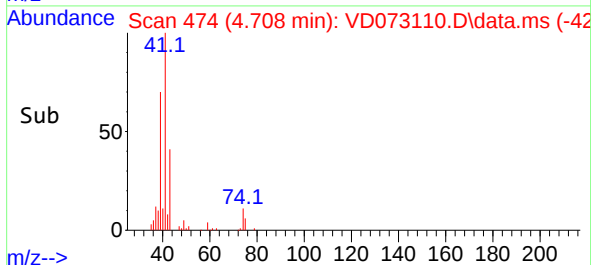
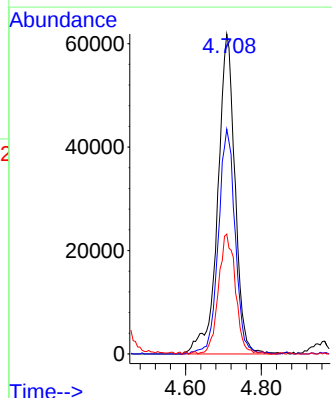
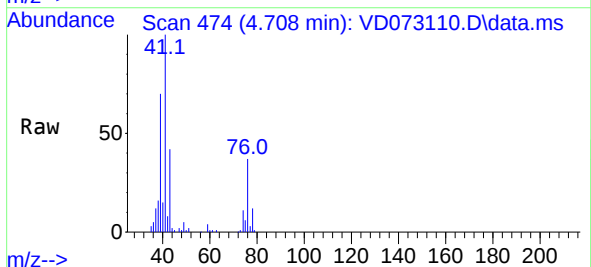
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

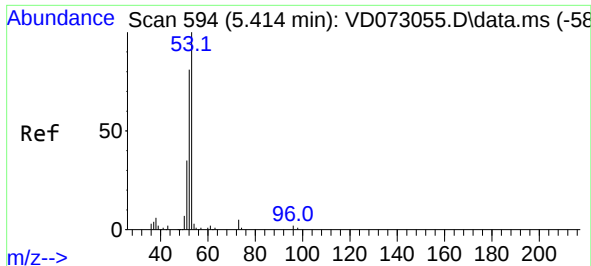
Tgt Ion: 56 Resp: 60970  
Ion Ratio Lower Upper  
56 100  
55 69.2 57.1 85.7



#14  
Allyl chloride  
Concen: 44.285 ug/l  
RT: 4.708 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 41 Resp: 195724  
Ion Ratio Lower Upper  
41 100  
39 68.4 59.3 88.9  
76 36.8 25.7 38.5

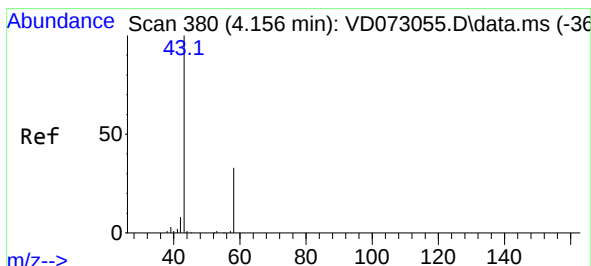
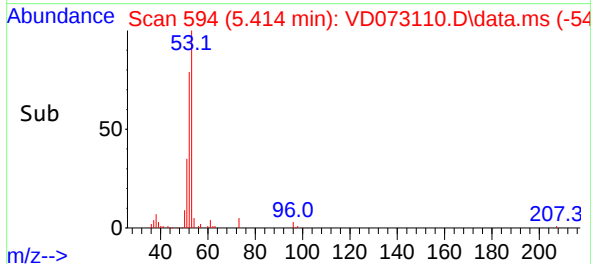
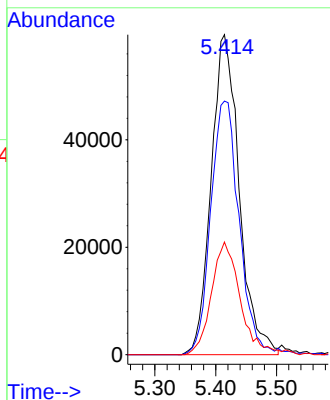
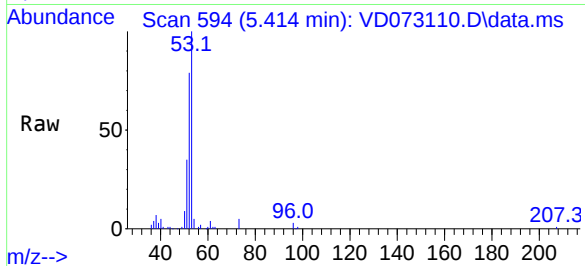




#15  
Acrylonitrile  
Concen: 278.544 ug/l  
RT: 5.414 min Scan# 594  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

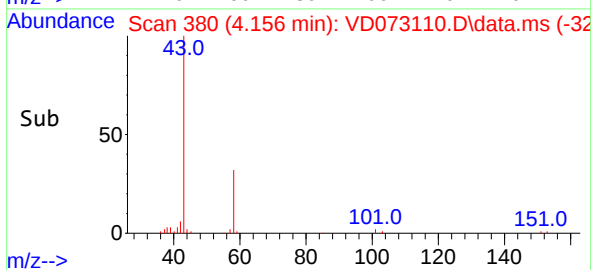
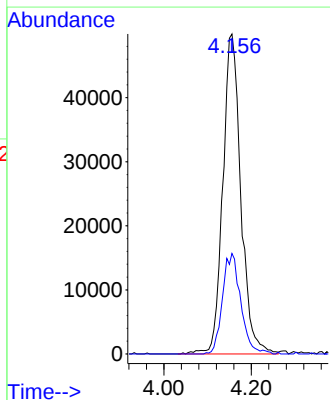
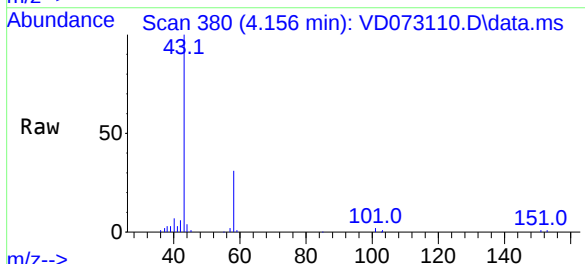
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

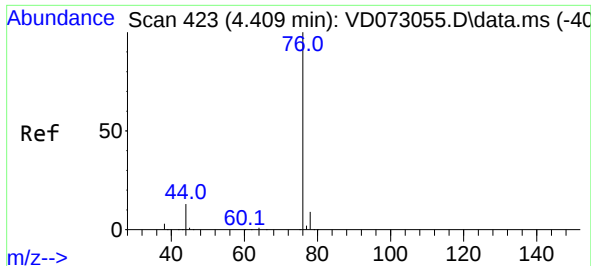
Tgt Ion: 53 Resp: 190296  
Ion Ratio Lower Upper  
53 100  
52 80.0 67.2 100.8  
51 36.0 30.3 45.5



#16  
Acetone  
Concen: 263.206 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 43 Resp: 143022  
Ion Ratio Lower Upper  
43 100  
58 31.4 22.1 33.1

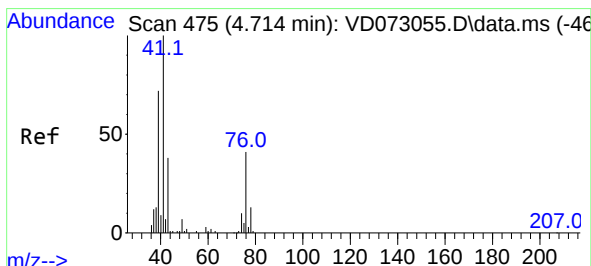
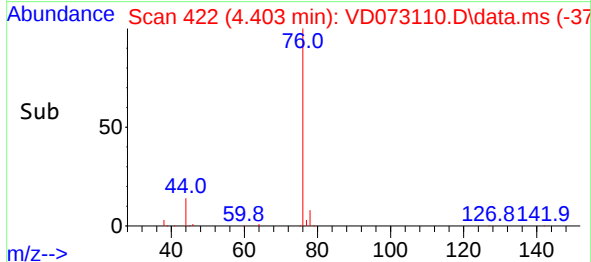
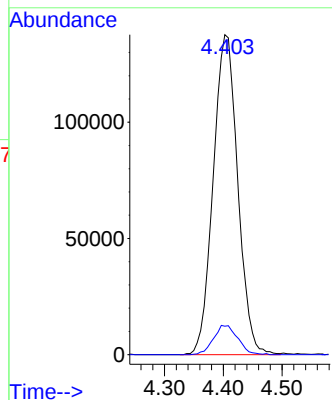
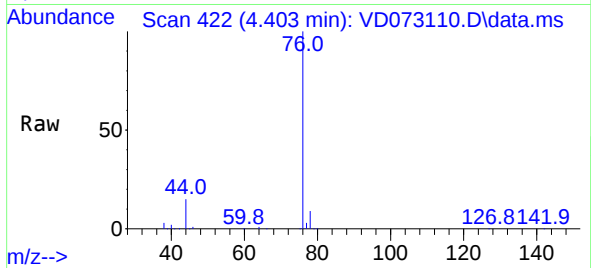




#17  
Carbon Disulfide  
Concen: 42.747 ug/l  
RT: 4.403 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

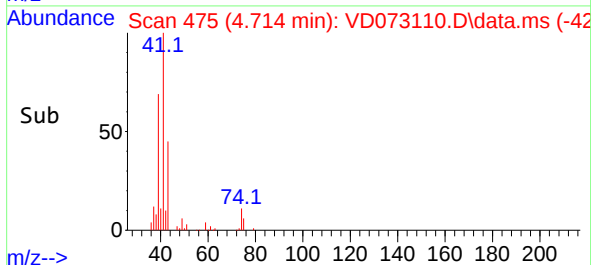
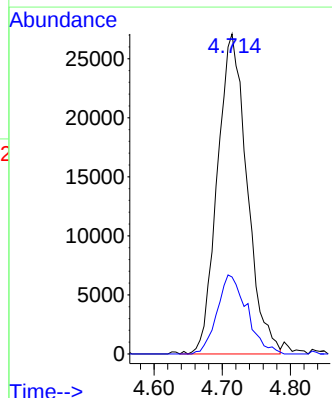
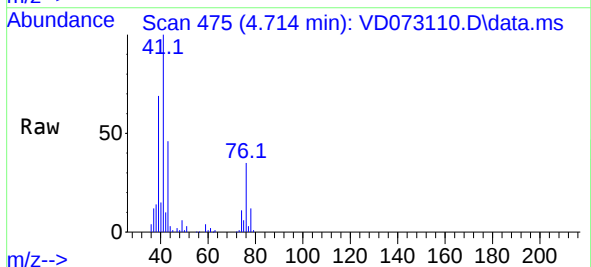
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

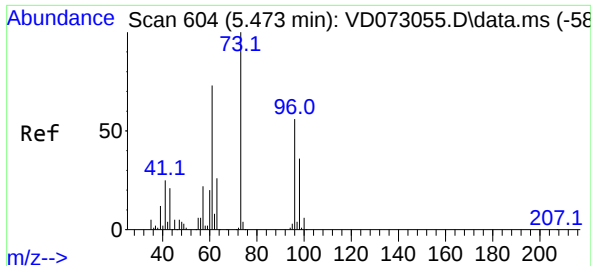
Tgt Ion: 76 Resp: 399385  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.5 11.3



#18  
Methyl Acetate  
Concen: 49.934 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 43 Resp: 81930  
Ion Ratio Lower Upper  
43 100  
74 24.9 16.7 25.1

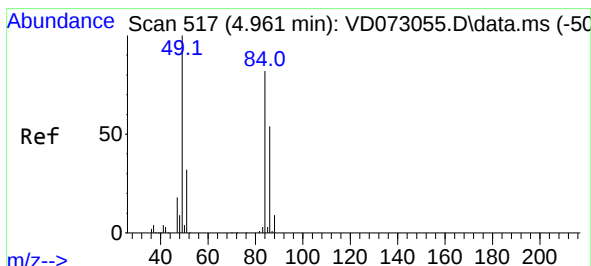
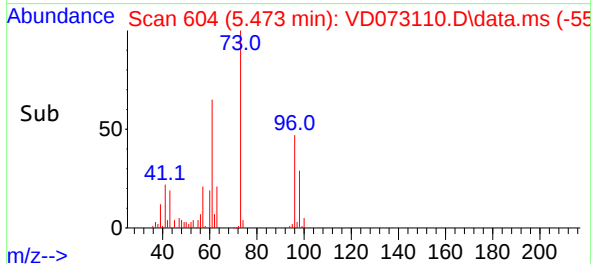
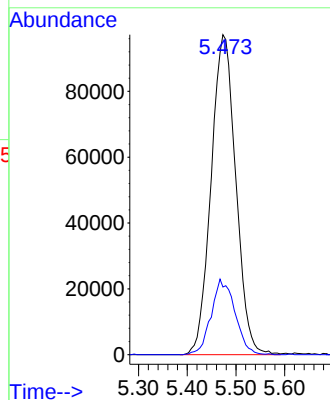
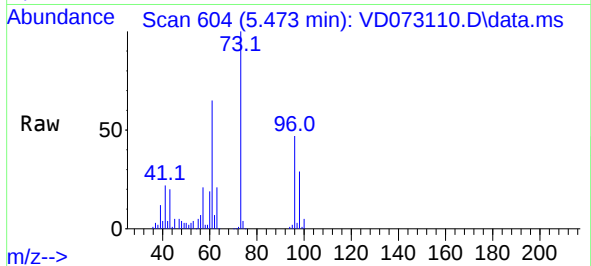




#19  
Methyl tert-butyl Ether  
Concen: 52.467 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

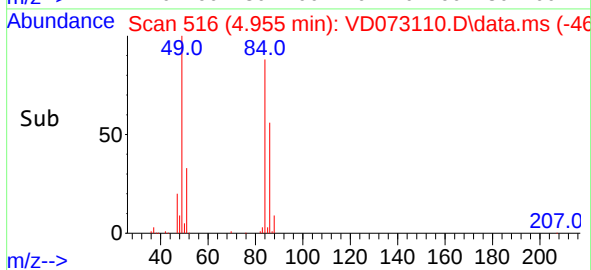
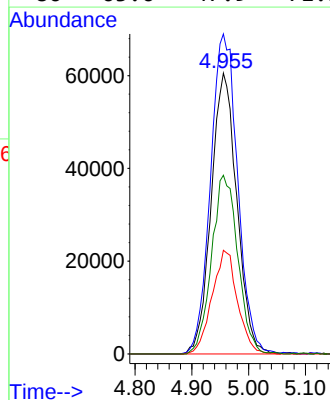
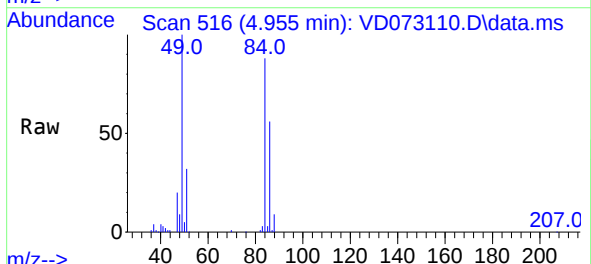
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

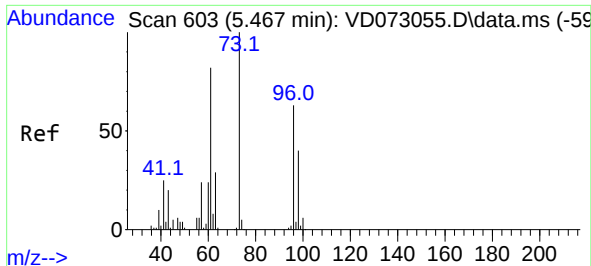
Tgt Ion: 73 Resp: 342284  
Ion Ratio Lower Upper  
73 100  
57 21.2 18.0 27.0



#20  
Methylene Chloride  
Concen: 48.145 ug/l  
RT: 4.955 min Scan# 516  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 84 Resp: 189876  
Ion Ratio Lower Upper  
84 100  
49 114.0 112.8 169.2  
51 36.9 32.6 48.8  
86 63.6 47.9 71.9

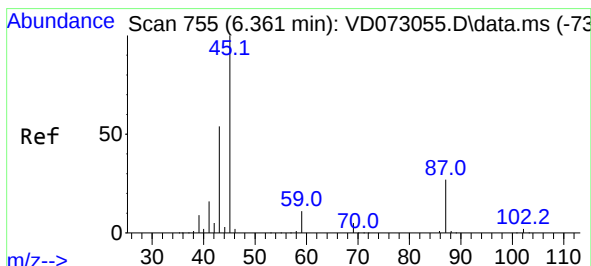
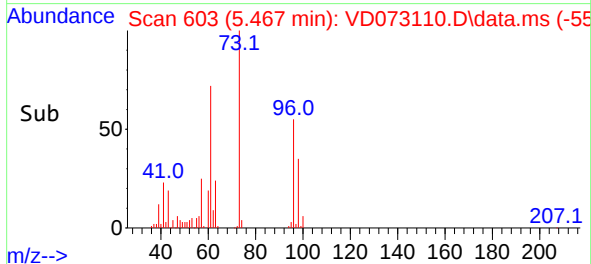
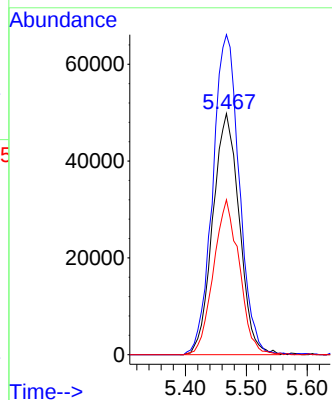
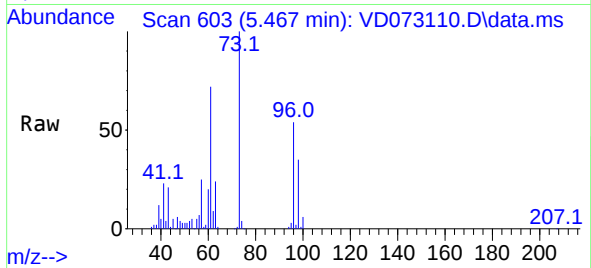




#21  
trans-1,2-Dichloroethene  
Concen: 45.433 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

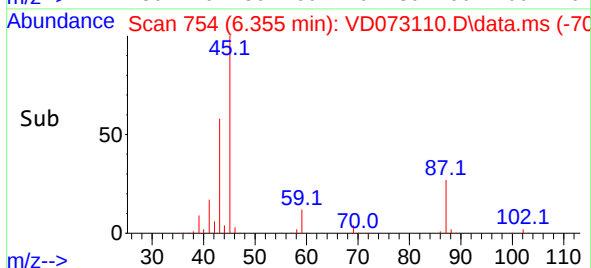
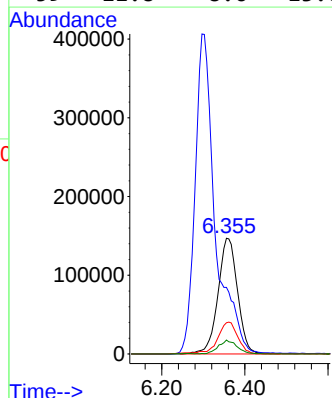
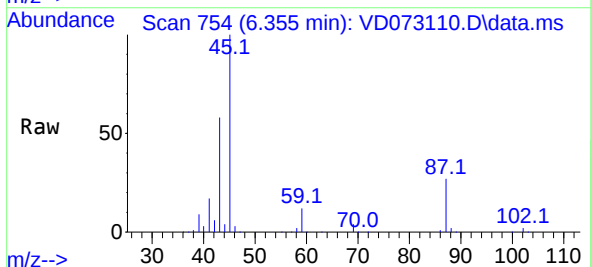
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

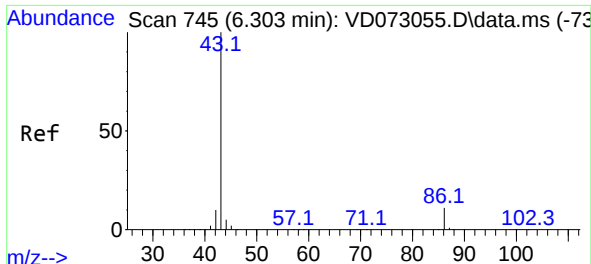
Tgt Ion: 96 Resp: 150759  
Ion Ratio Lower Upper  
96 100  
61 132.7 117.9 176.9  
98 64.2 49.4 74.2



#22  
Diisopropyl ether  
Concen: 50.640 ug/l  
RT: 6.355 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 45 Resp: 480391  
Ion Ratio Lower Upper  
45 100  
43 56.8 46.6 70.0  
87 26.9 18.4 27.6  
59 11.8 8.6 13.0

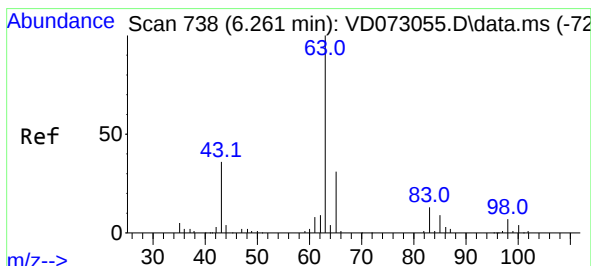
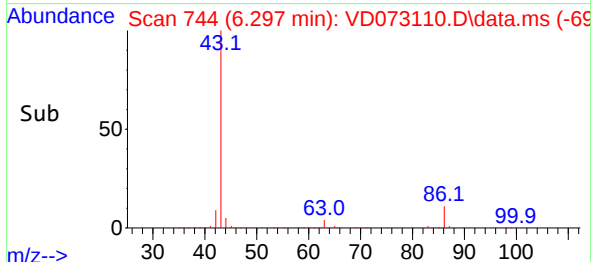
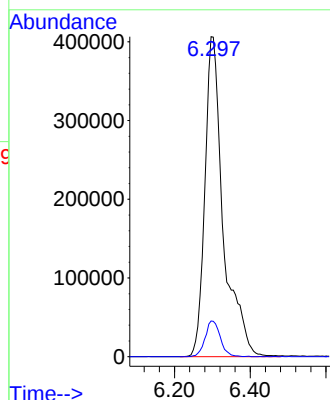
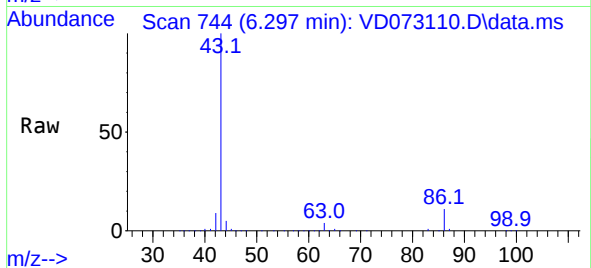




#23  
 Vinyl Acetate  
 Concen: 267.633 ug/l  
 RT: 6.297 min Scan# 744  
 Delta R.T. -0.006 min  
 Lab File: VD073110.D  
 Acq: 18 May 2022 20:34

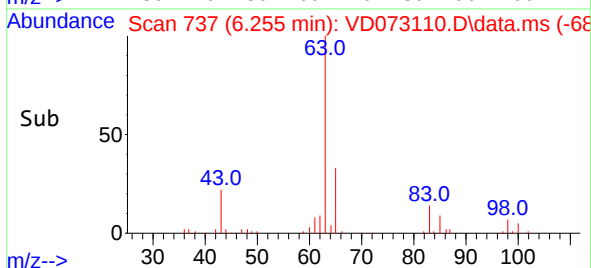
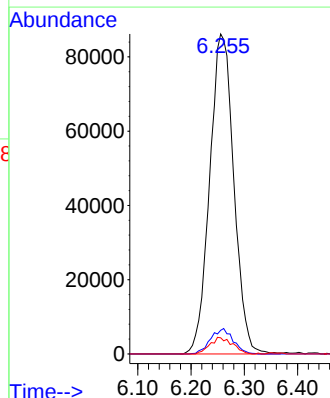
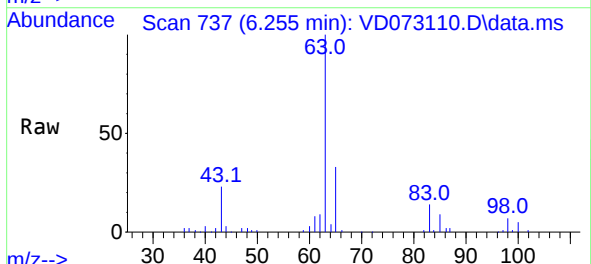
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

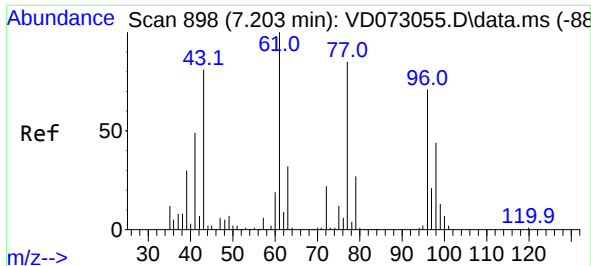
Tgt Ion: 43 Resp: 1371565  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 45.935 ug/l  
 RT: 6.255 min Scan# 737  
 Delta R.T. -0.006 min  
 Lab File: VD073110.D  
 Acq: 18 May 2022 20:34

Tgt Ion: 63 Resp: 271099  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.6 10.9  
 100 5.0 2.1 6.5

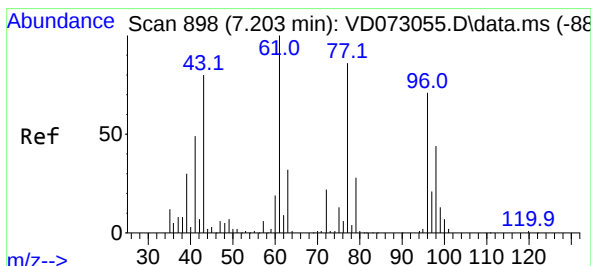
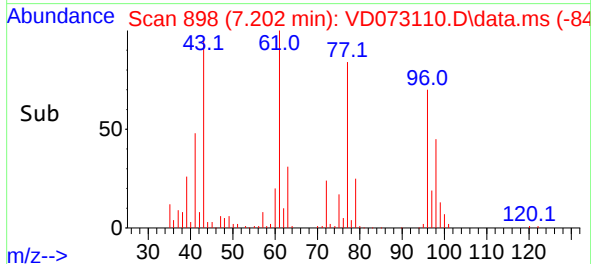
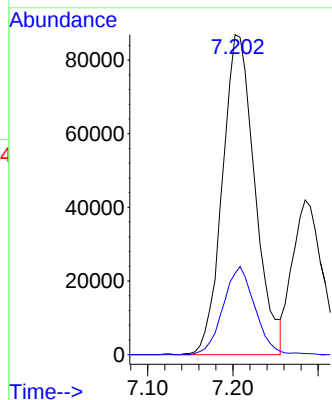
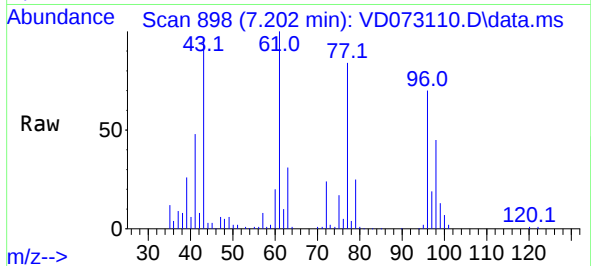




#25  
2-Butanone  
Concen: 279.852 ug/l  
RT: 7.202 min Scan# 898  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

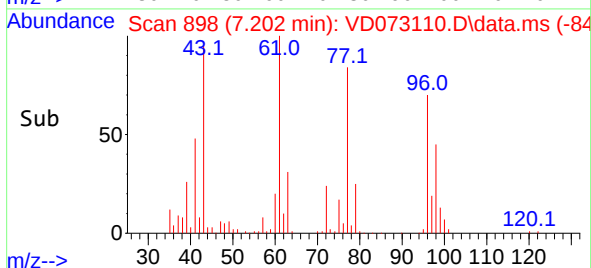
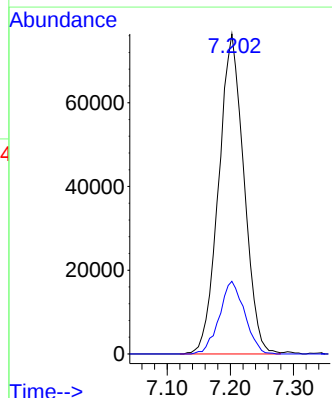
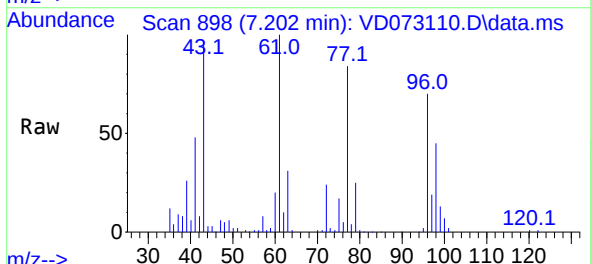
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

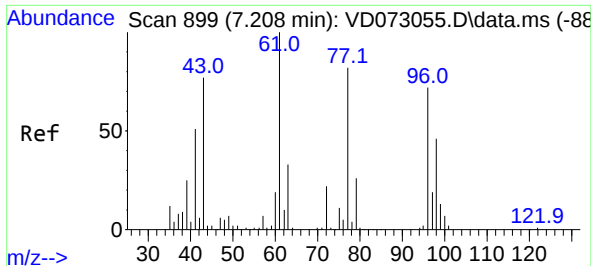
Tgt Ion: 43 Resp: 230268  
Ion Ratio Lower Upper  
43 100  
72 25.4 18.6 27.8



#26  
2,2-Dichloropropane  
Concen: 42.468 ug/l  
RT: 7.202 min Scan# 898  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 77 Resp: 212194  
Ion Ratio Lower Upper  
77 100  
97 22.8 10.8 32.4

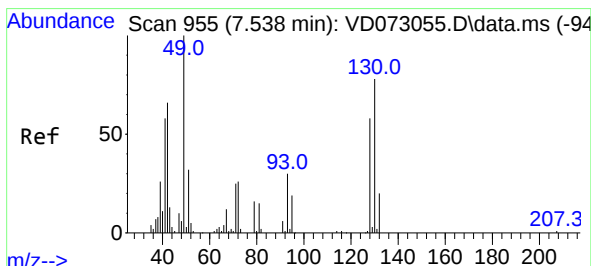
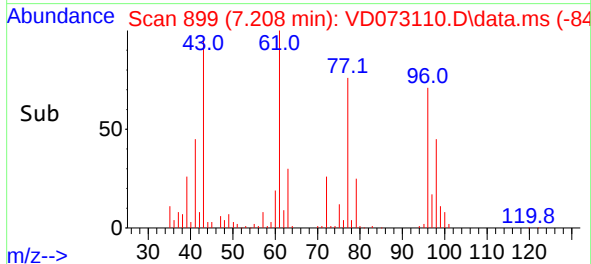
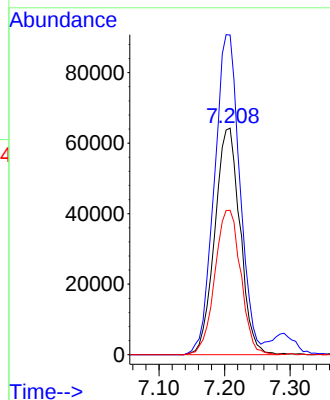
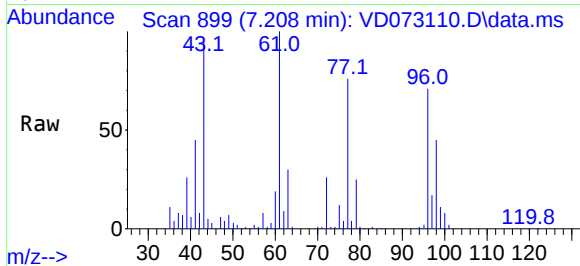




#27  
 cis-1,2-Dichloroethene  
 Concen: 46.956 ug/l  
 RT: 7.208 min Scan# 899  
 Delta R.T. -0.000 min  
 Lab File: VD073110.D  
 Acq: 18 May 2022 20:34

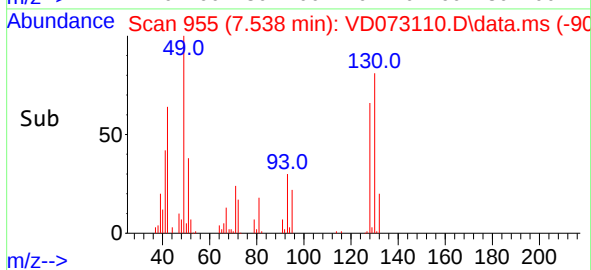
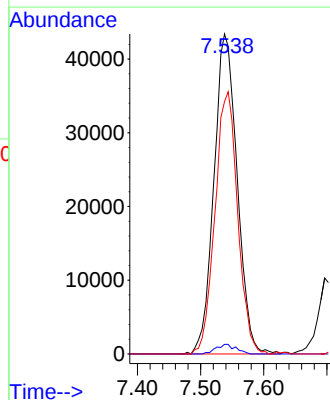
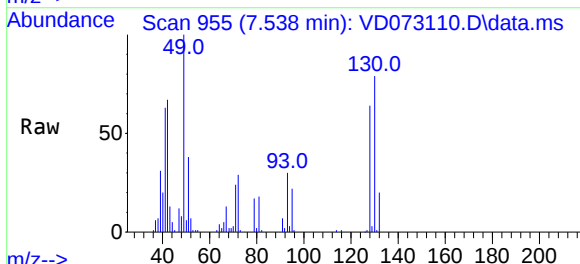
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

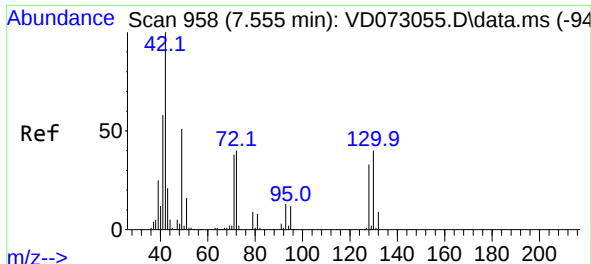
Tgt Ion: 96 Resp: 171825  
 Ion Ratio Lower Upper  
 96 100  
 61 142.4 0.0 313.8  
 98 65.4 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 54.899 ug/l  
 RT: 7.538 min Scan# 955  
 Delta R.T. -0.000 min  
 Lab File: VD073110.D  
 Acq: 18 May 2022 20:34

Tgt Ion: 49 Resp: 110986  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 4.0  
 130 79.8 52.6 79.0#

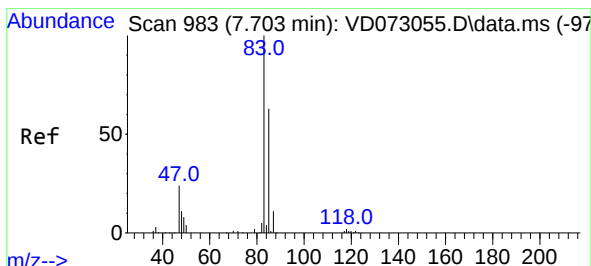
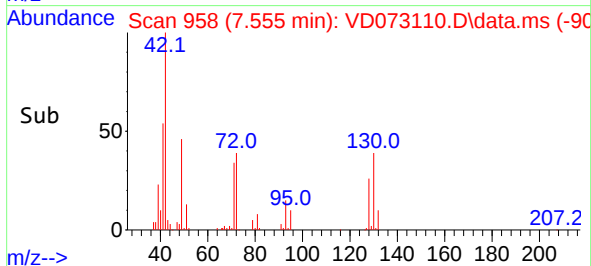
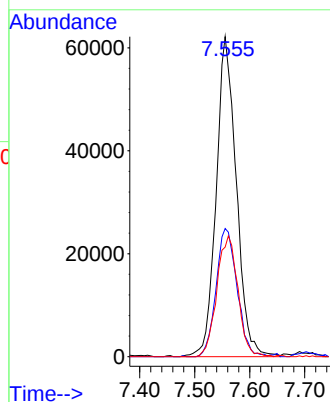
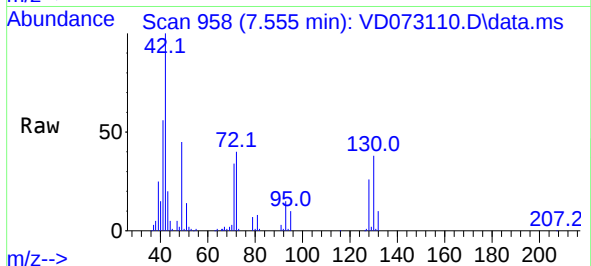




#29  
Tetrahydrofuran  
Concen: 298.901 ug/l  
RT: 7.555 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

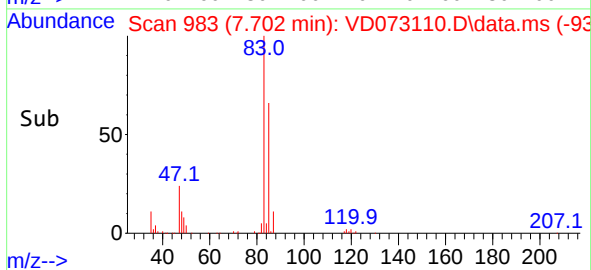
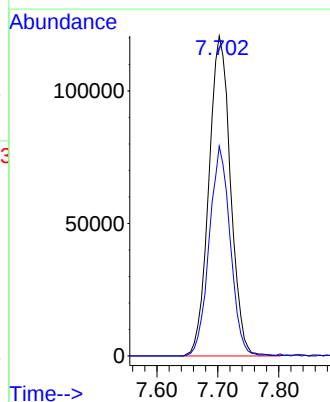
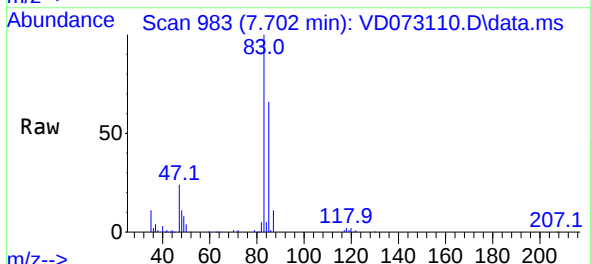
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

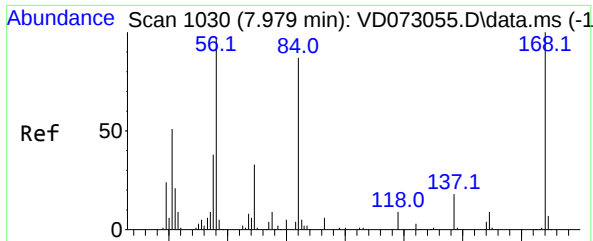
Tgt Ion: 42 Resp: 158257  
Ion Ratio Lower Upper  
42 100  
72 41.6 30.7 46.1  
71 39.4 28.6 43.0



#30  
Chloroform  
Concen: 47.402 ug/l  
RT: 7.702 min Scan# 983  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

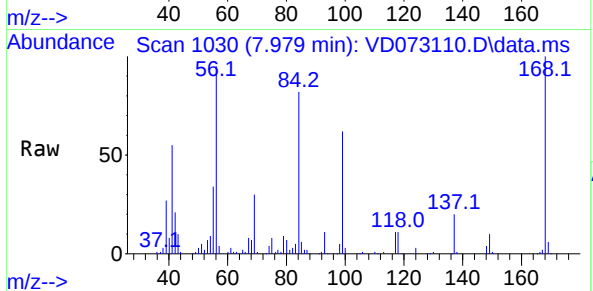
Tgt Ion: 83 Resp: 299331  
Ion Ratio Lower Upper  
83 100  
85 65.6 52.7 79.1



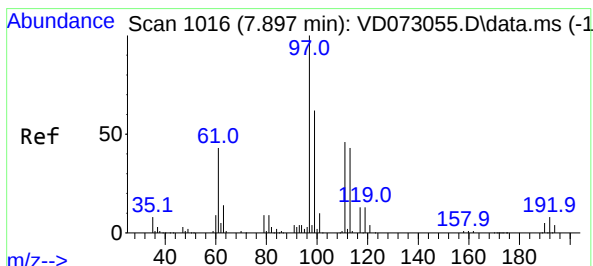
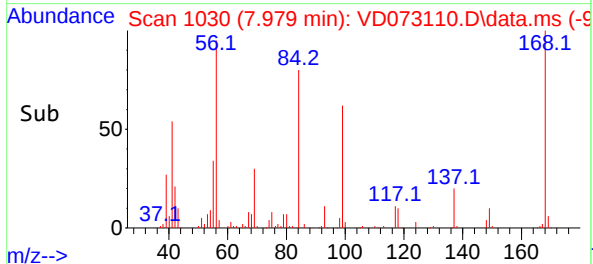
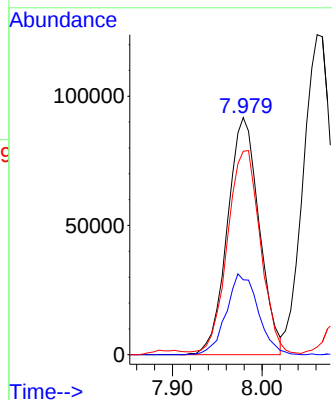


#31  
Cyclohexane  
Concen: 41.758 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

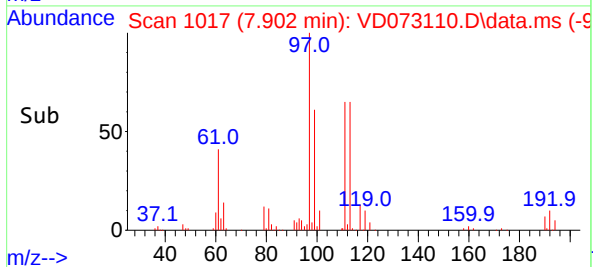
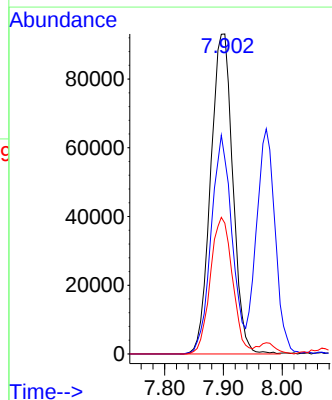
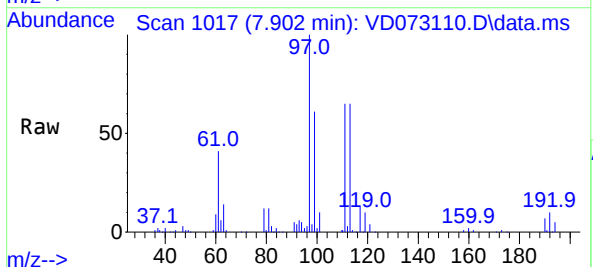


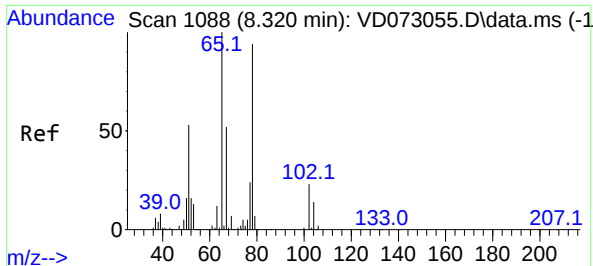
Tgt Ion: 56 Resp: 225857  
Ion Ratio Lower Upper  
56 100  
69 31.6 25.4 38.2  
84 84.3 63.0 94.4



#32  
1,1,1-Trichloroethane  
Concen: 45.000 ug/l  
RT: 7.902 min Scan# 1017  
Delta R.T. 0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 97 Resp: 243452  
Ion Ratio Lower Upper  
97 100  
99 64.9 52.4 78.6  
61 42.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 52.806 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

Instrument :

MSVOA\_D

ClientSampleId :

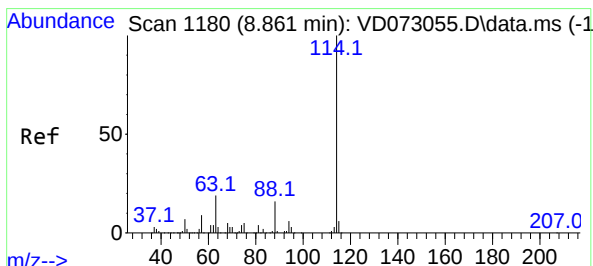
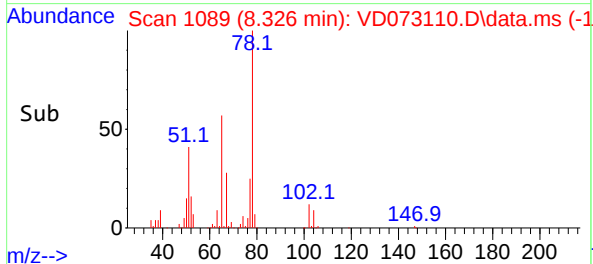
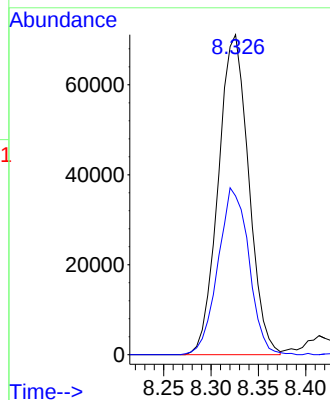
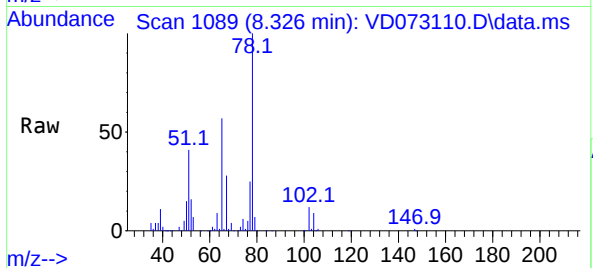
VSTDCCC050EC

Tgt Ion: 65 Resp: 158561

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

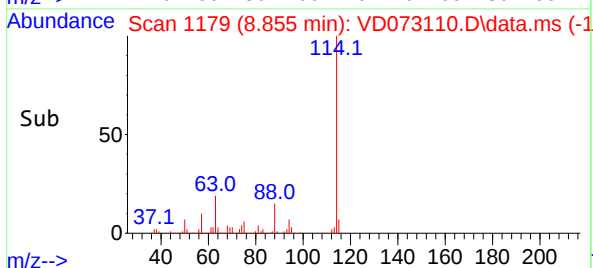
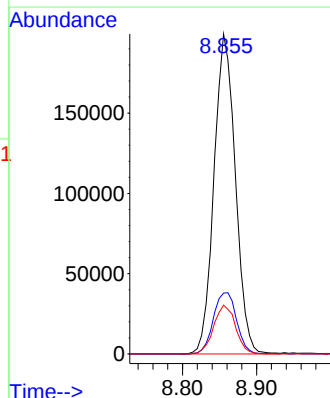
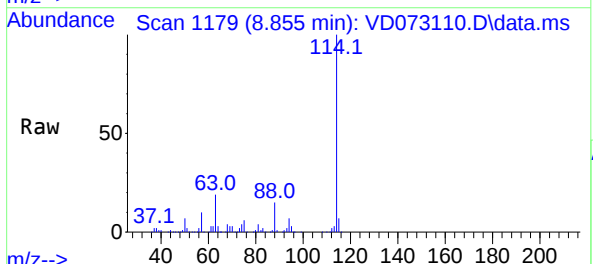
Tgt Ion: 114 Resp: 399260

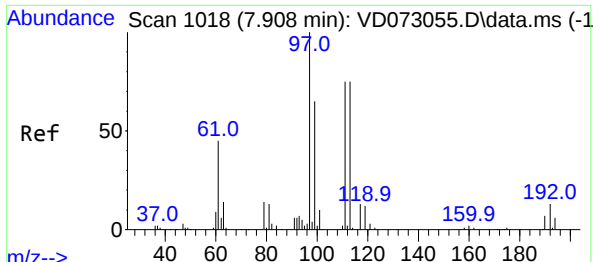
Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 15.3 0.0 33.2

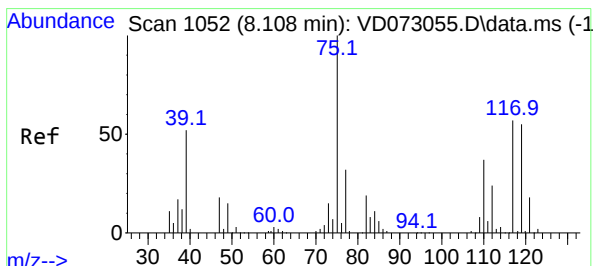
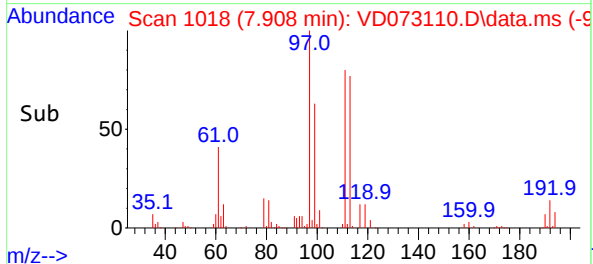
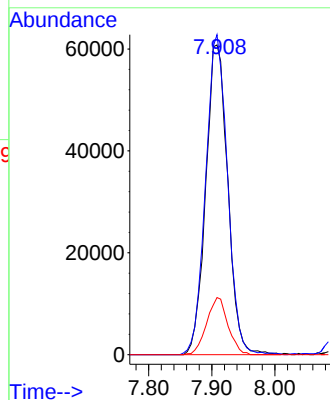
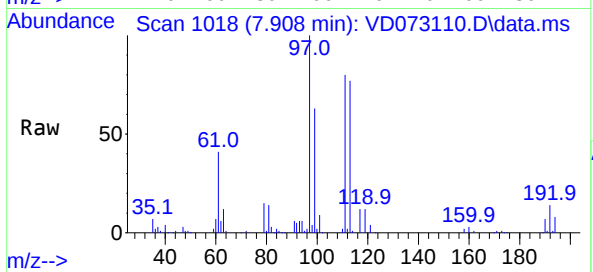




#35  
Dibromofluoromethane  
Concen: 52.632 ug/l  
RT: 7.908 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

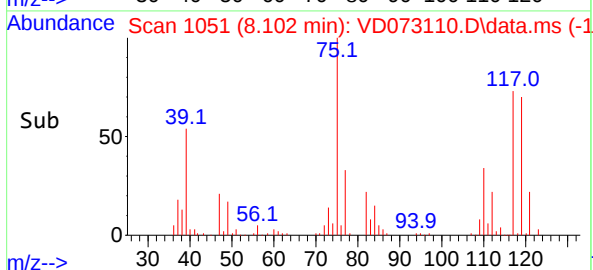
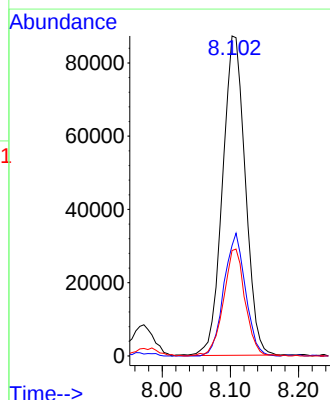
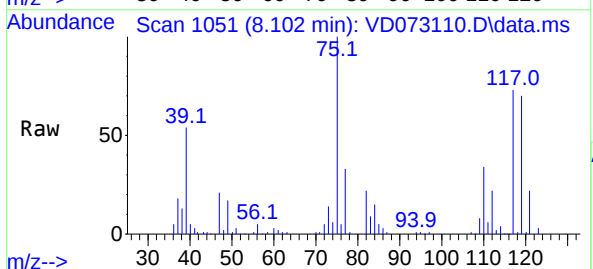
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

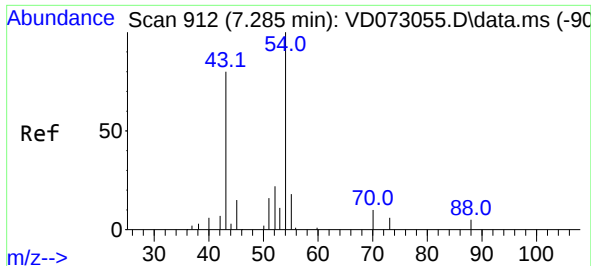
Tgt Ion:113 Resp: 147542  
Ion Ratio Lower Upper  
113 100  
111 102.7 83.8 125.6  
192 17.8 14.6 21.8



#36  
1,1-Dichloropropene  
Concen: 44.334 ug/l  
RT: 8.102 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 75 Resp: 202503  
Ion Ratio Lower Upper  
75 100  
110 36.2 16.4 49.1  
77 31.8 24.2 36.2





#37

Ethyl Acetate

Concen: 54.233 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

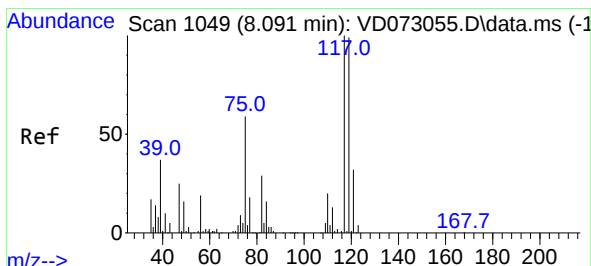
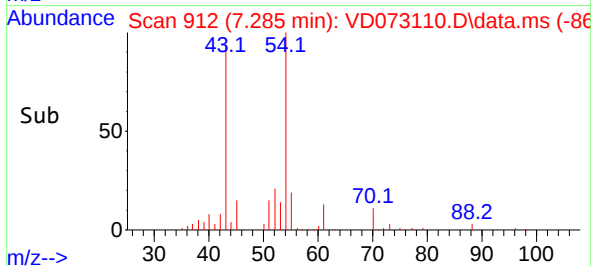
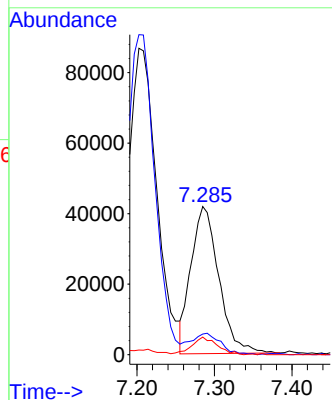
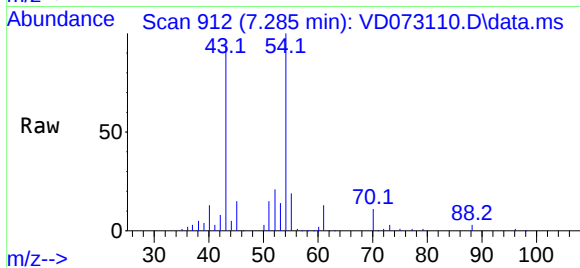
Tgt Ion: 43 Resp: 104033

Ion Ratio Lower Upper

43 100

61 14.6 9.8 14.8

70 10.9 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 45.568 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

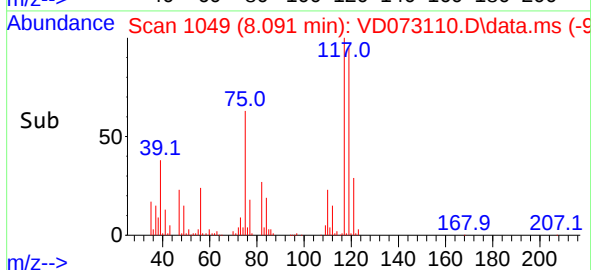
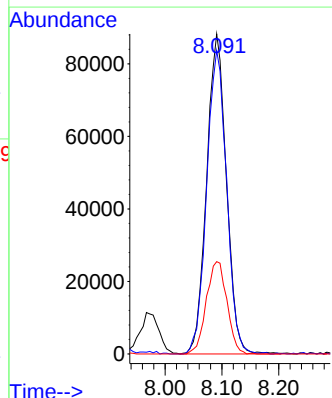
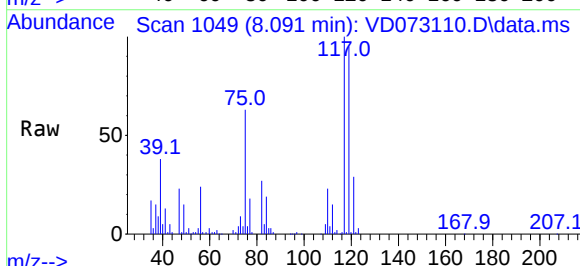
Tgt Ion: 117 Resp: 212943

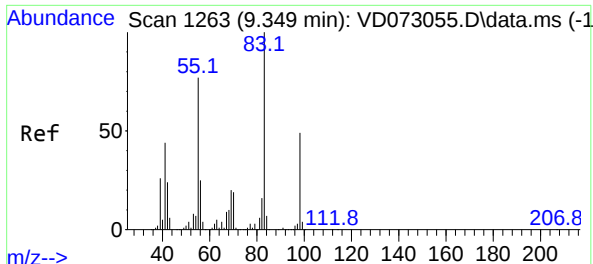
Ion Ratio Lower Upper

117 100

119 94.9 75.8 113.6

121 28.9 24.5 36.7

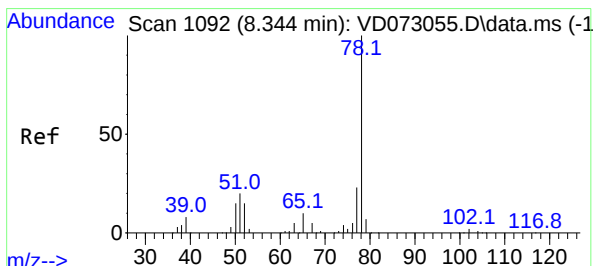
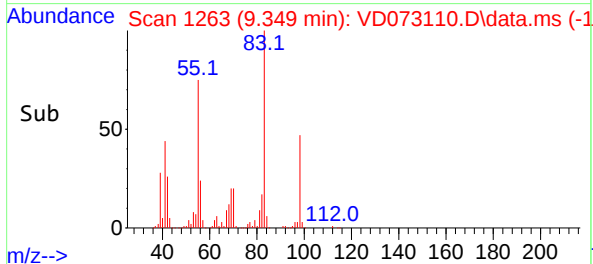
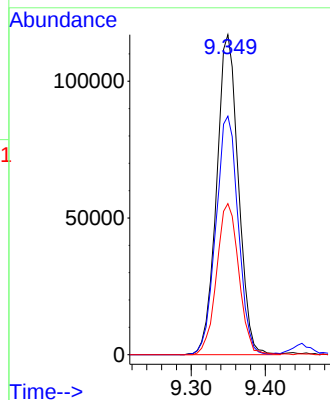
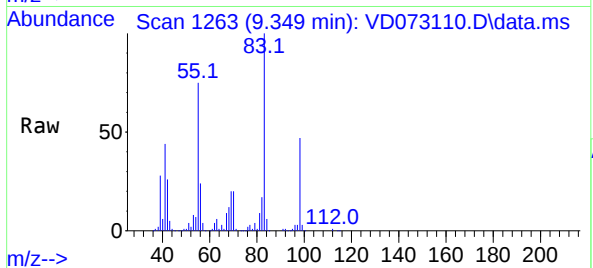




#39  
Methylcyclohexane  
Concen: 44.820 ug/l  
RT: 9.349 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

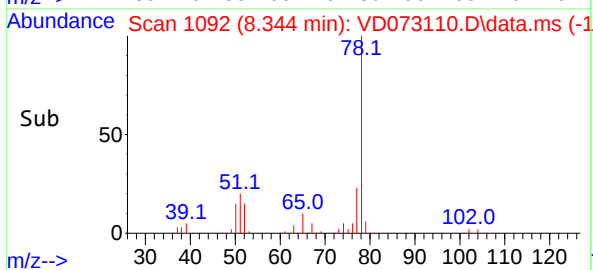
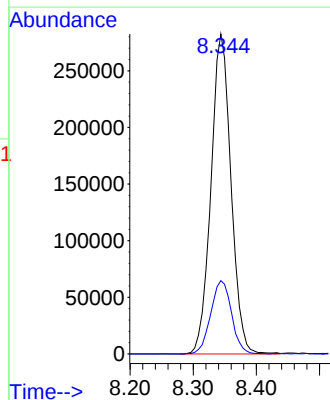
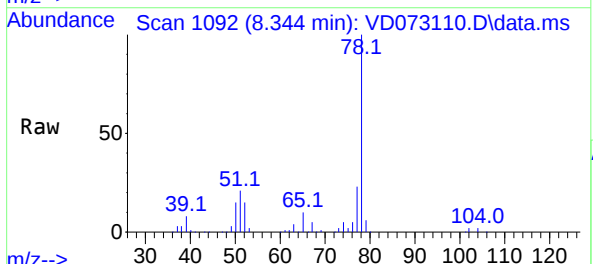
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

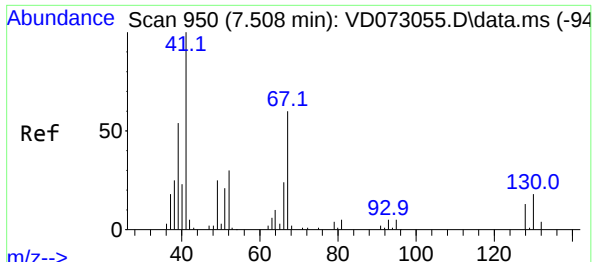
Tgt Ion: 83 Resp: 238719  
Ion Ratio Lower Upper  
83 100  
55 74.5 63.2 94.8  
98 47.2 38.2 57.4



#40  
Benzene  
Concen: 47.679 ug/l  
RT: 8.344 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 78 Resp: 622713  
Ion Ratio Lower Upper  
78 100  
77 22.9 19.1 28.7



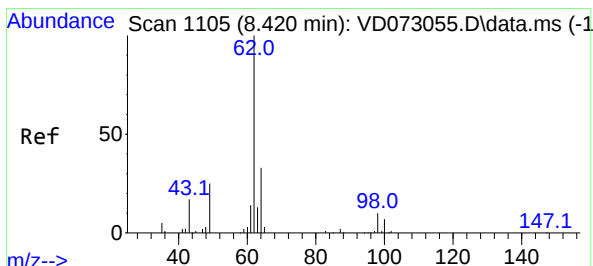
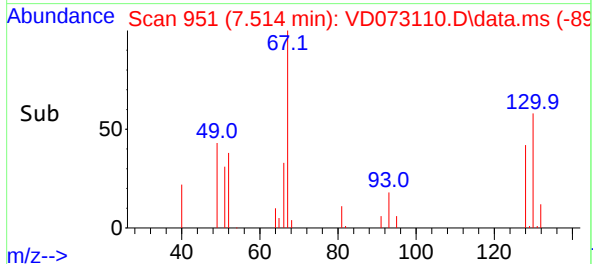
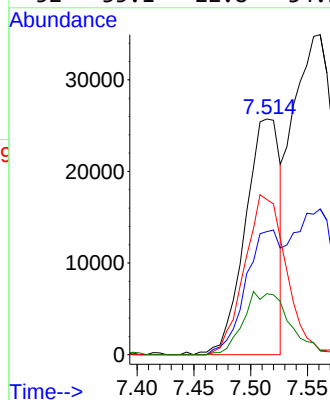
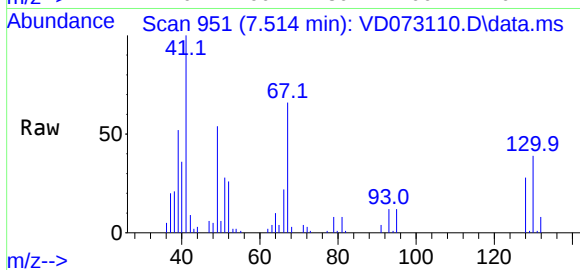


#41  
Methacrylonitrile  
Concen: 50.690 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 54831

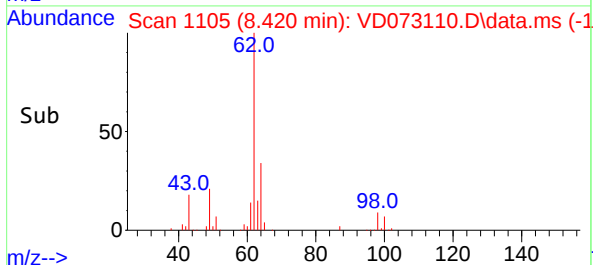
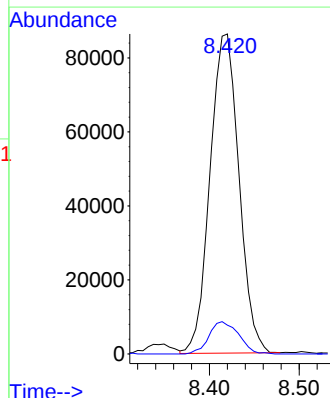
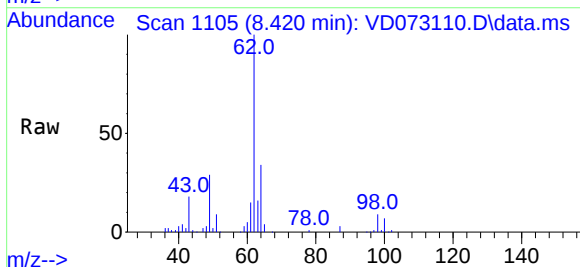
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 52.5  | 44.6  | 67.0  |
| 67  | 81.3  | 48.2  | 72.4# |
| 52  | 35.1  | 22.8  | 34.2# |

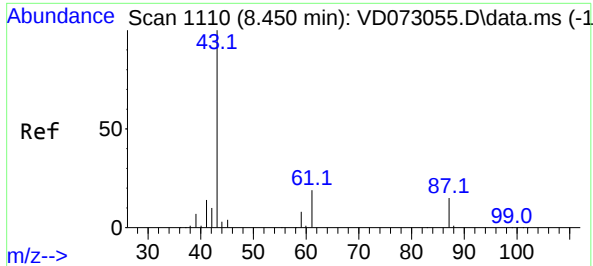


#42  
1,2-Dichloroethane  
Concen: 50.795 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 62 Resp: 193098

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.5  | 0.0   | 17.6  |



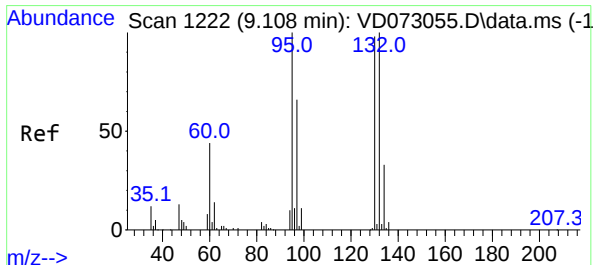
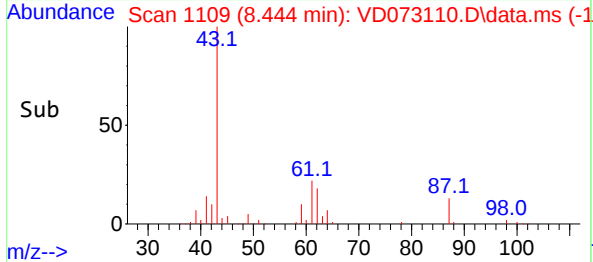
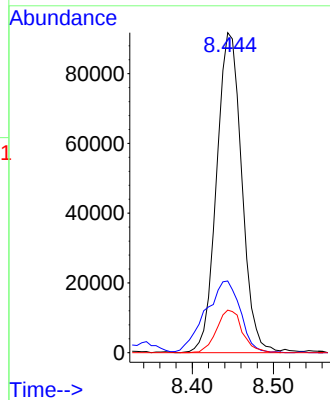
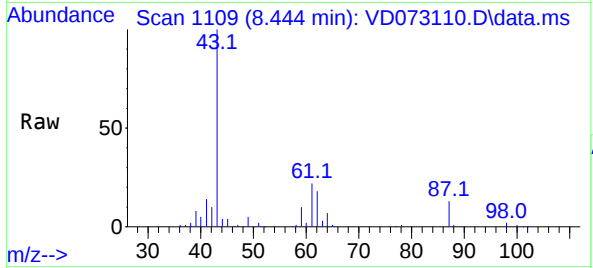


#43  
Isopropyl Acetate  
Concen: 55.491 ug/l  
RT: 8.444 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 197907

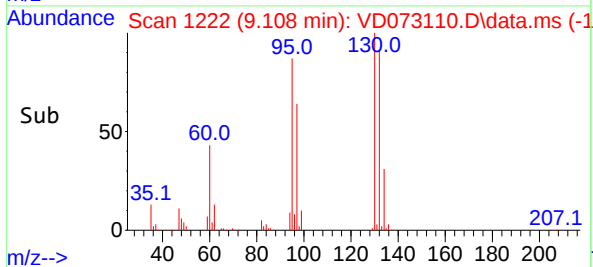
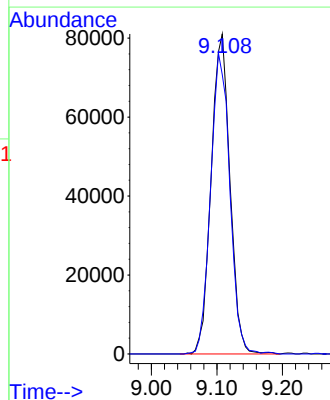
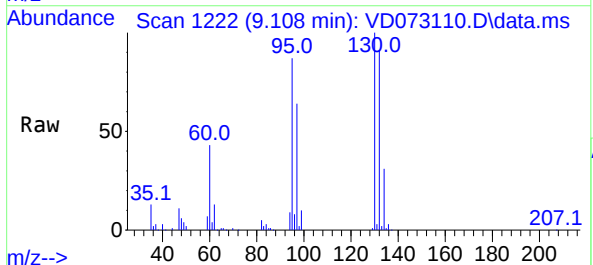
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 31.1  | 22.4  | 33.6  |
| 87  | 13.6  | 8.7   | 13.1  |

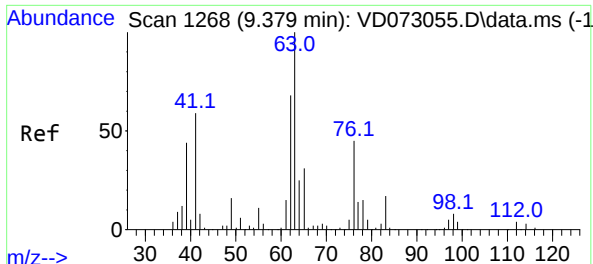


#44  
Trichloroethene  
Concen: 45.633 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 130 Resp: 161204

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 87.3  | 0.0   | 205.4 |





#45

1,2-Dichloropropane

Concen: 48.753 ug/l

RT: 9.379 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

Instrument :

MSVOA\_D

ClientSampleId :

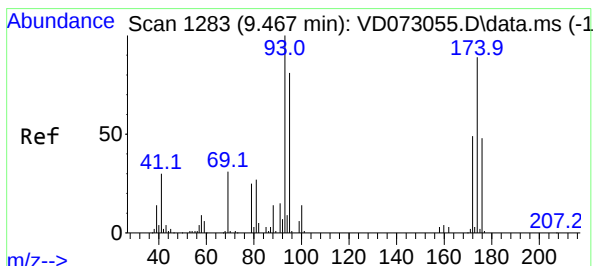
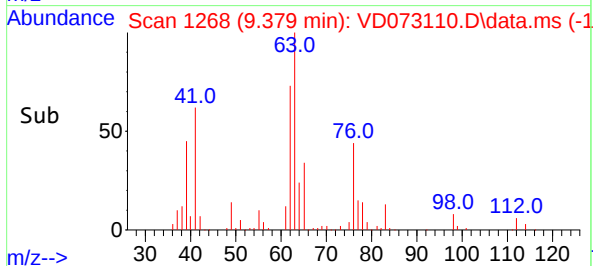
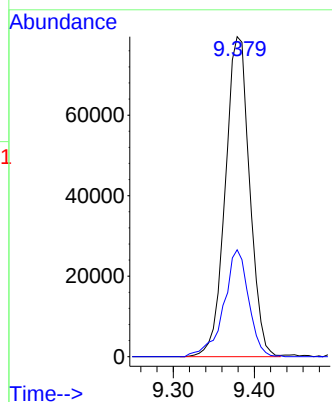
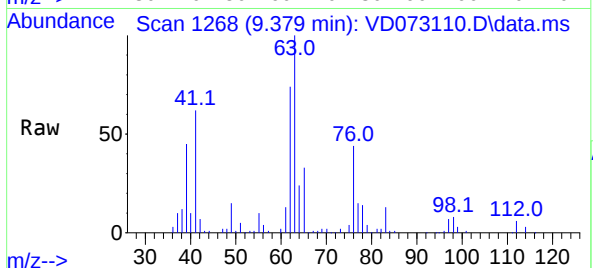
VSTDCCC050EC

Tgt Ion: 63 Resp: 165354

Ion Ratio Lower Upper

63 100

65 33.4 26.2 39.4



#46

Dibromomethane

Concen: 51.505 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

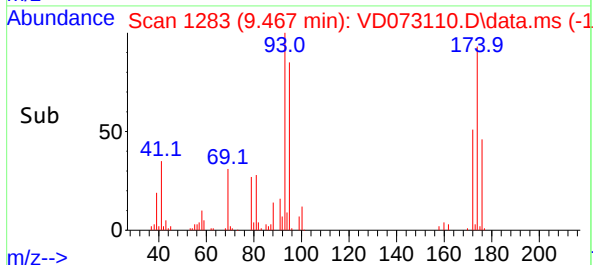
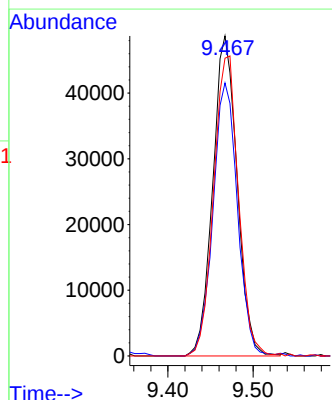
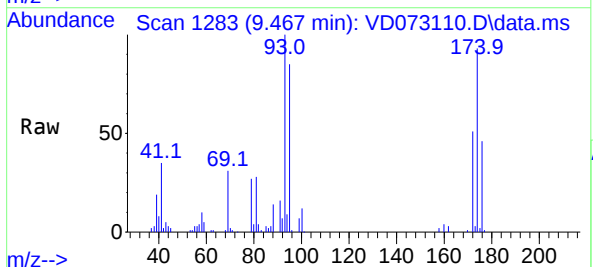
Tgt Ion: 93 Resp: 96595

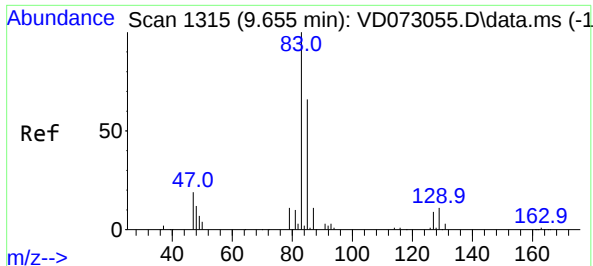
Ion Ratio Lower Upper

93 100

95 85.7 66.7 100.1

174 96.1 71.6 107.4

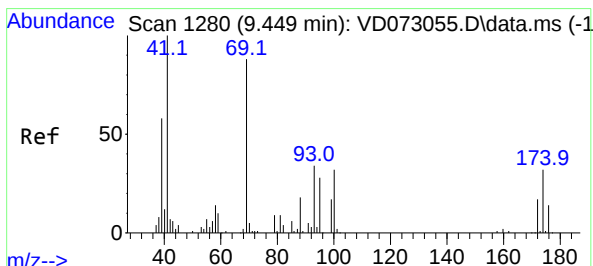
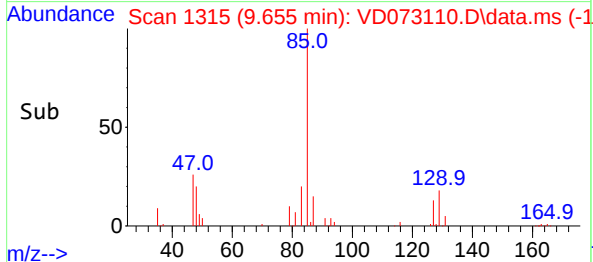
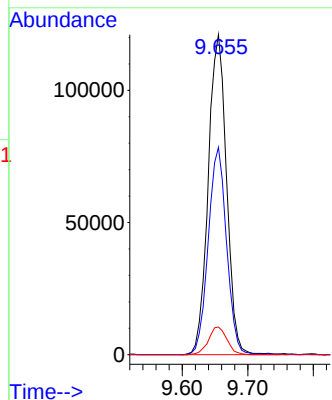
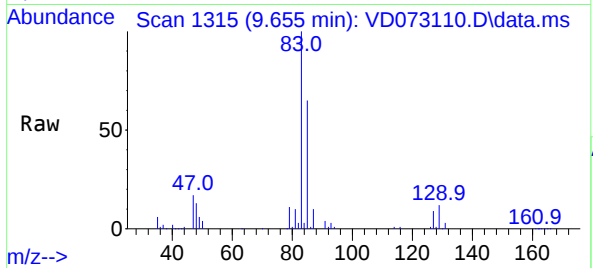




#47  
Bromodichloromethane  
Concen: 49.385 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

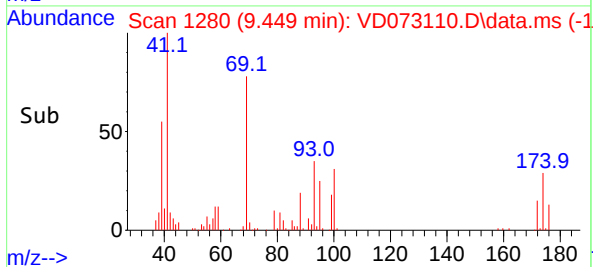
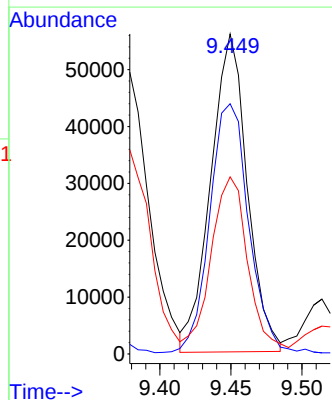
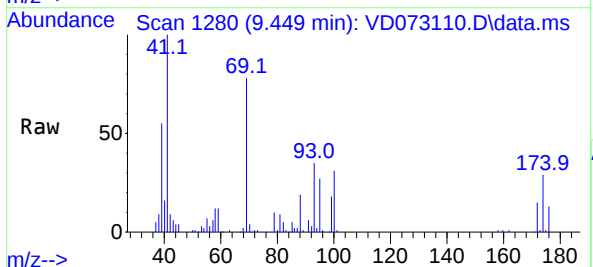
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

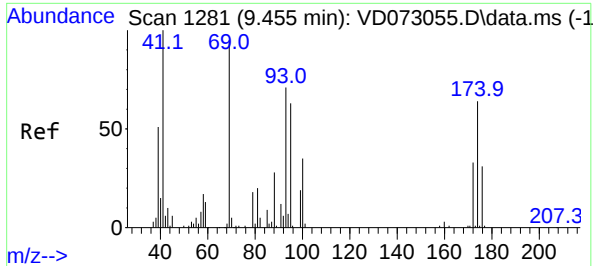
Tgt Ion: 83 Resp: 235237  
Ion Ratio Lower Upper  
83 100  
85 64.8 51.4 77.0  
127 8.6 6.1 9.1



#48  
Methyl methacrylate  
Concen: 56.483 ug/l  
RT: 9.449 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

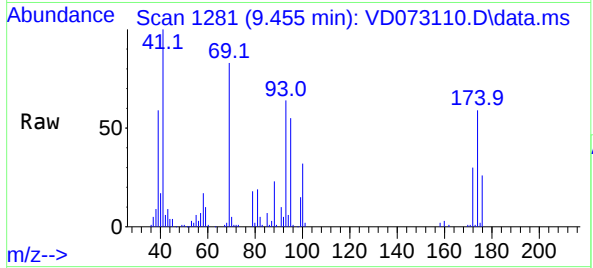
Tgt Ion: 41 Resp: 99922  
Ion Ratio Lower Upper  
41 100  
69 84.3 56.7 85.1  
39 52.0 42.7 64.1



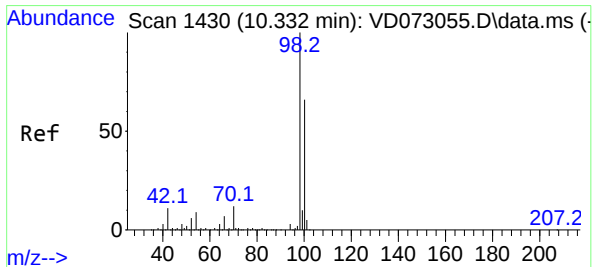
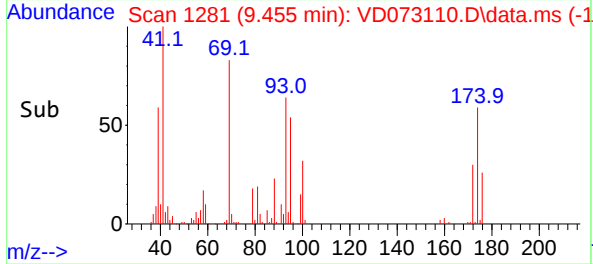
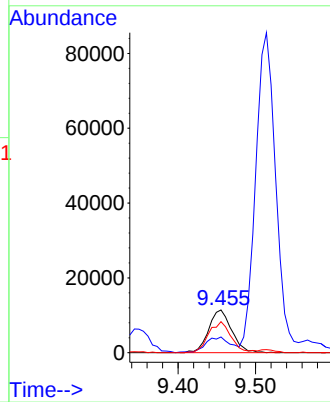


#49  
1,4-Dioxane  
Concen: 1206.731 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

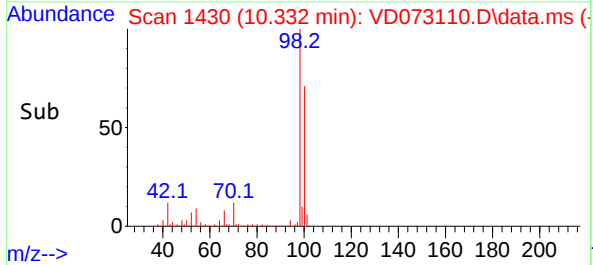
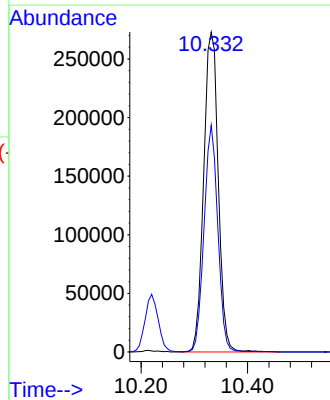
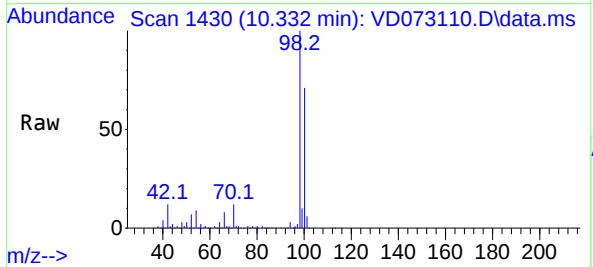


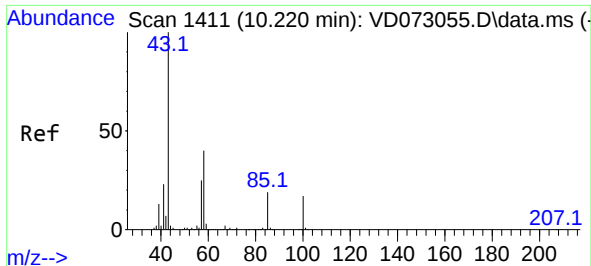
Tgt Ion: 88 Resp: 23562  
Ion Ratio Lower Upper  
88 100  
43 40.3 31.0 46.4  
58 69.9 58.1 87.1



#50  
Toluene-d8  
Concen: 50.921 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 98 Resp: 517850  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.4 78.6

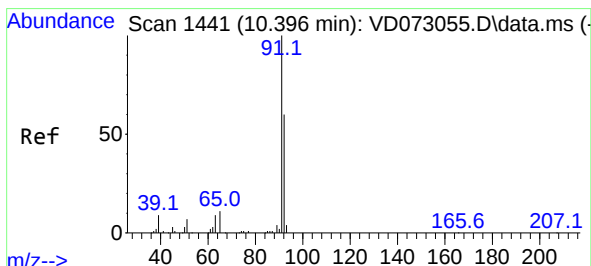
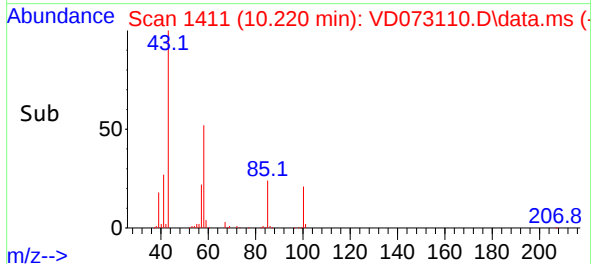
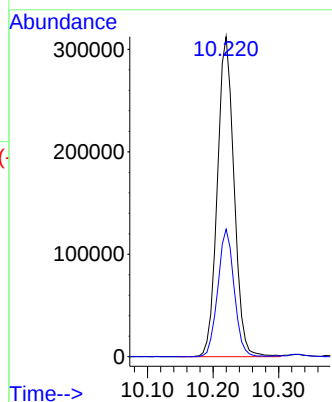
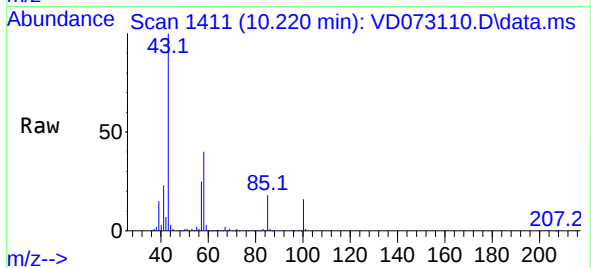




#51  
4-Methyl-2-Pentanone  
Concen: 295.723 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

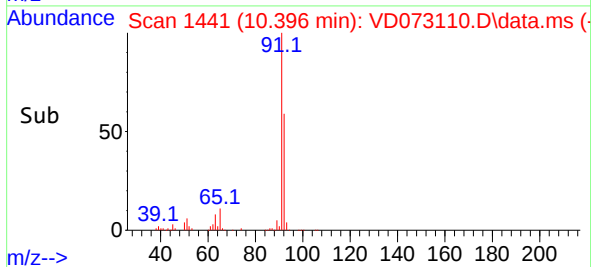
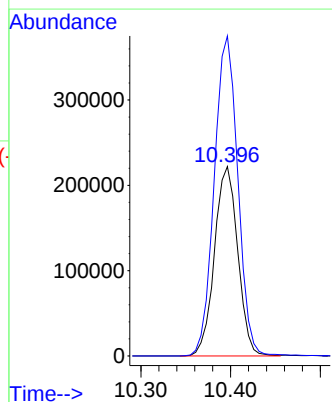
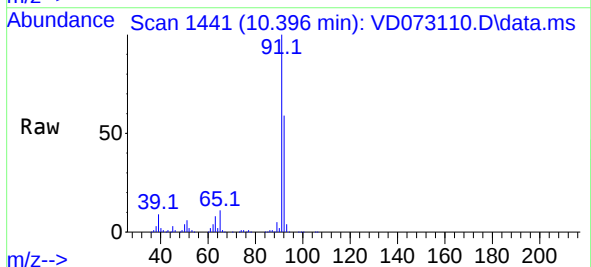
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

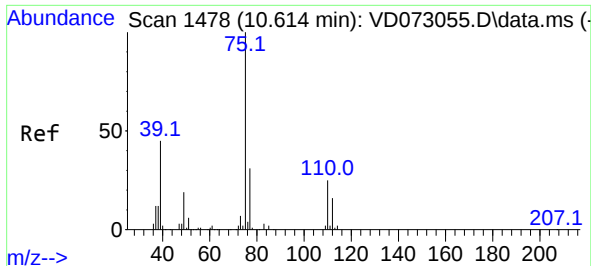
Tgt Ion: 43 Resp: 550397  
Ion Ratio Lower Upper  
43 100  
58 39.0 28.6 43.0



#52  
Toluene  
Concen: 48.214 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 92 Resp: 399784  
Ion Ratio Lower Upper  
92 100  
91 171.4 139.6 209.4

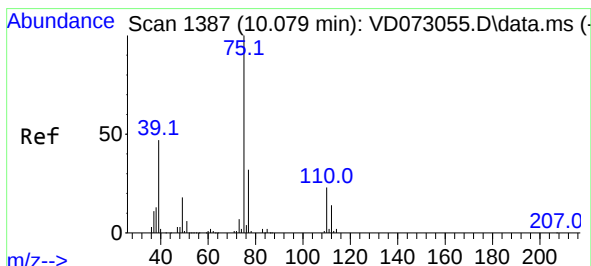
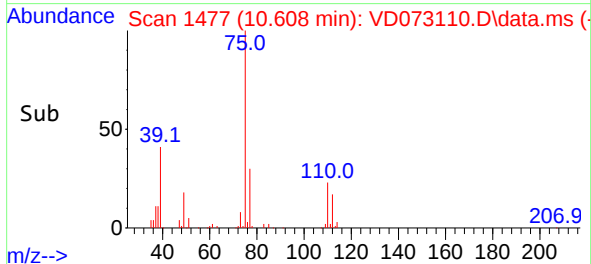
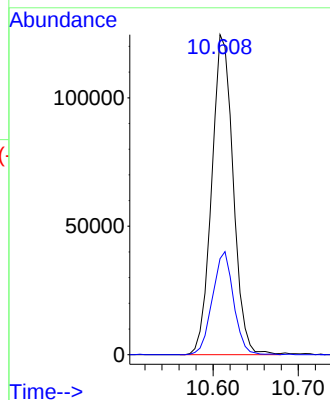
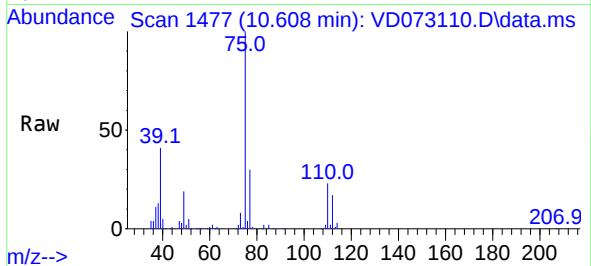




#53  
t-1,3-Dichloropropene  
Concen: 50.104 ug/l  
RT: 10.608 min Scan# 1477  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

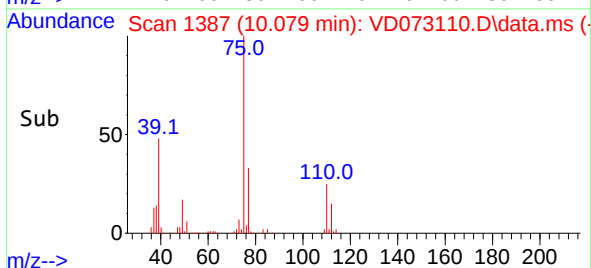
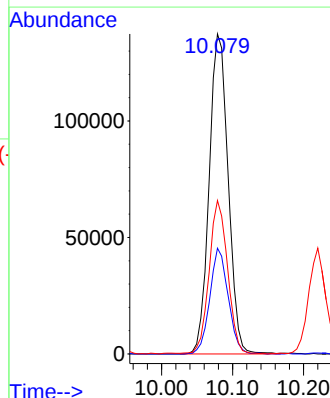
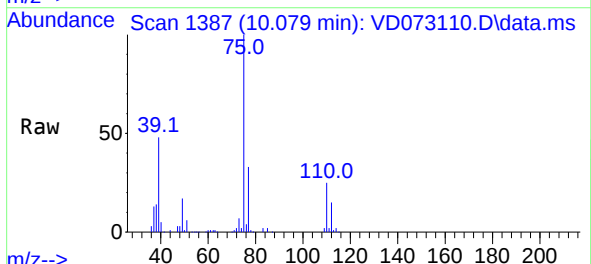
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

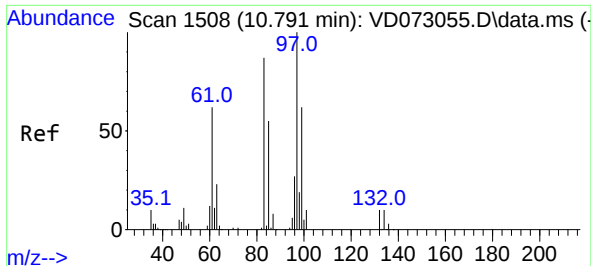
Tgt Ion: 75 Resp: 217664  
Ion Ratio Lower Upper  
75 100  
77 30.0 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 49.829 ug/l  
RT: 10.079 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 75 Resp: 255224  
Ion Ratio Lower Upper  
75 100  
77 33.0 24.8 37.2  
39 47.8 46.8 70.2



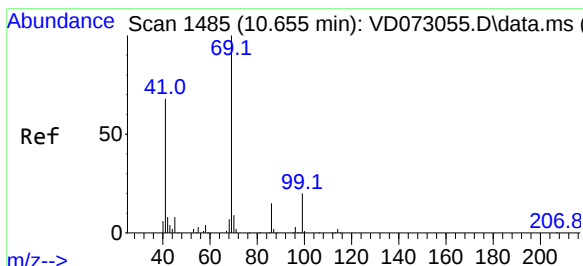
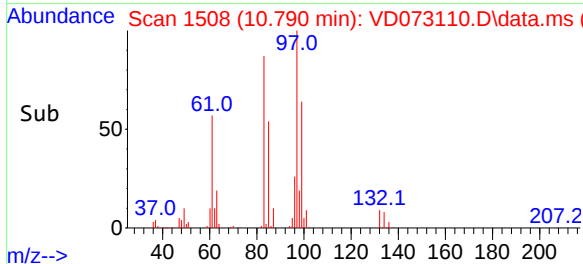
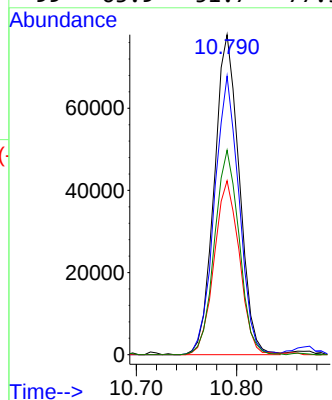
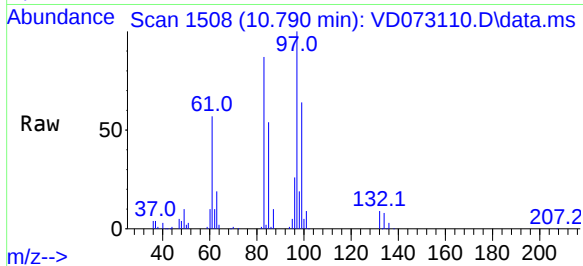


#55  
1,1,2-Trichloroethane  
Concen: 52.649 ug/l  
RT: 10.790 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 134774

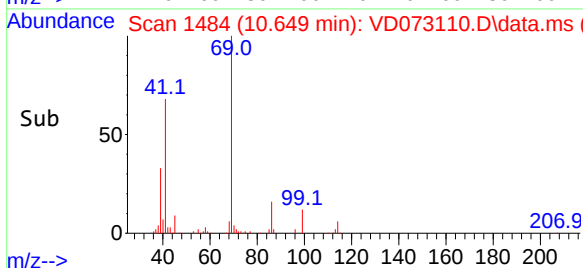
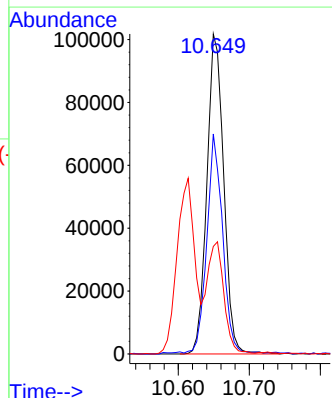
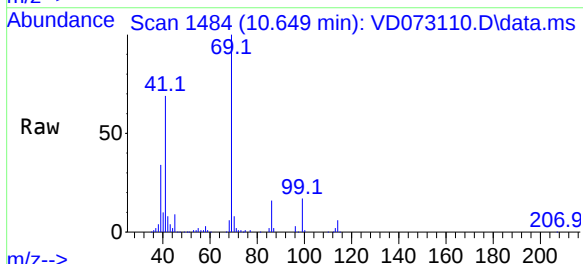
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.1  | 69.0  | 103.4 |
| 85  | 54.4  | 42.6  | 63.8  |
| 99  | 63.9  | 51.7  | 77.5  |

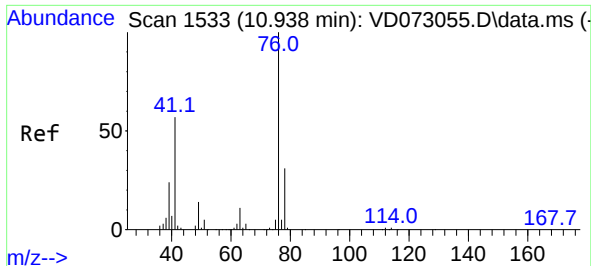


#56  
Ethyl methacrylate  
Concen: 57.949 ug/l  
RT: 10.649 min Scan# 1484  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 69 Resp: 167764

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 65.5  | 63.0  | 94.6  |
| 39  | 34.9  | 33.8  | 50.8  |





#57

1,3-Dichloropropane

Concen: 51.764 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

Instrument :

MSVOA\_D

ClientSampleId :

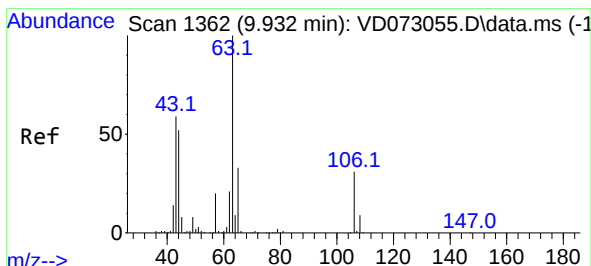
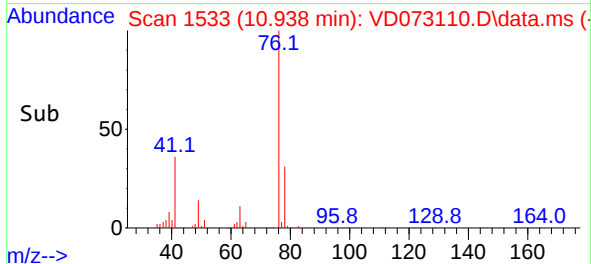
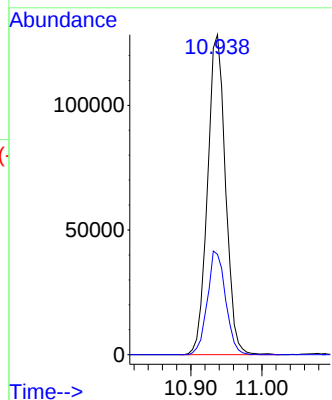
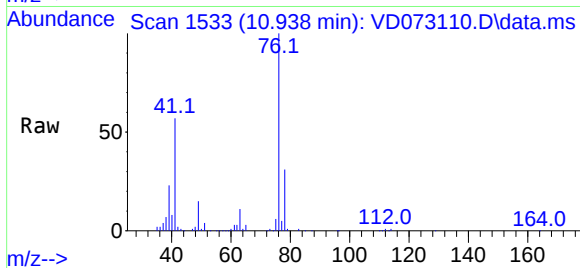
VSTDCCC050EC

Tgt Ion: 76 Resp: 225465

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 264.169 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073110.D

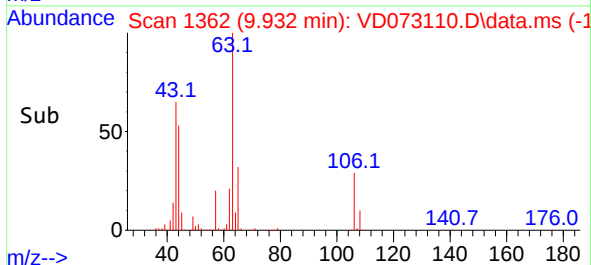
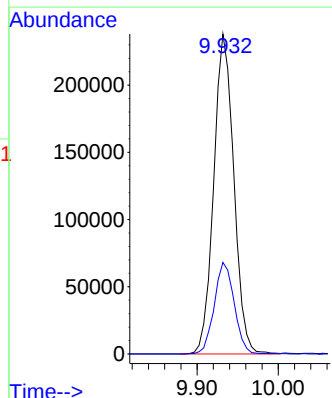
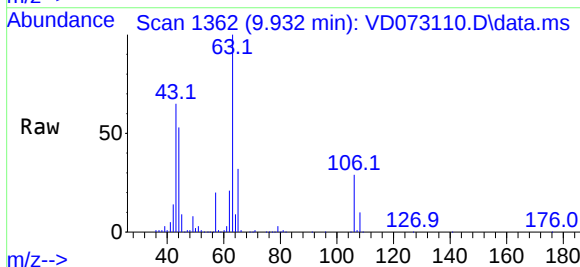
Acq: 18 May 2022 20:34

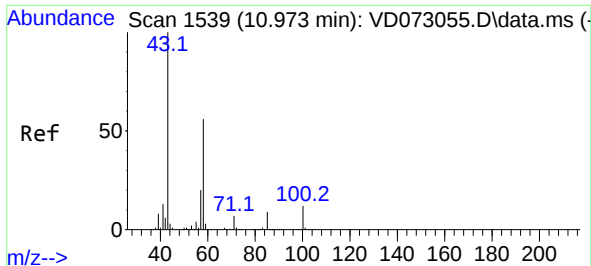
Tgt Ion: 63 Resp: 409478

Ion Ratio Lower Upper

63 100

106 28.5 21.4 32.0

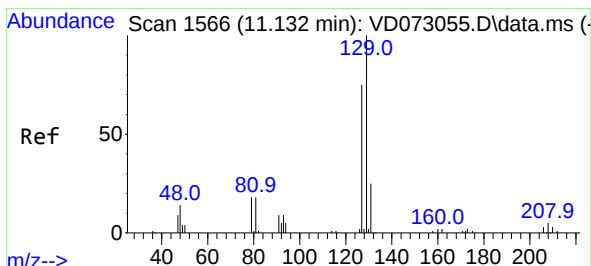
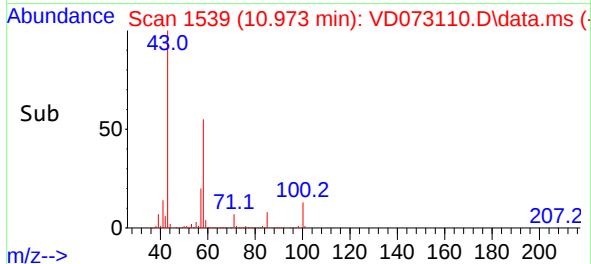
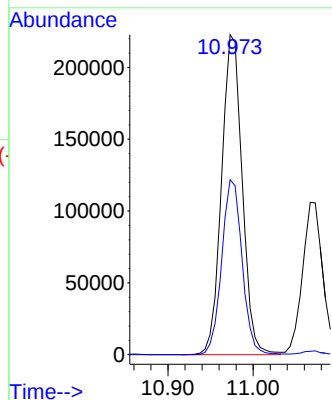
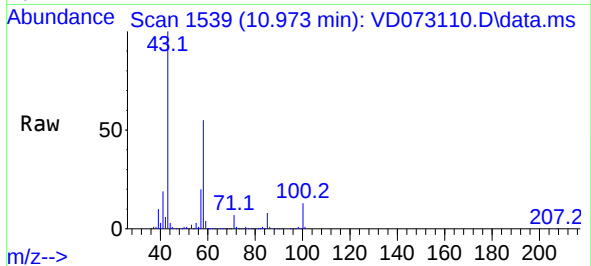




#59  
2-Hexanone  
Concen: 305.949 ug/l  
RT: 10.973 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

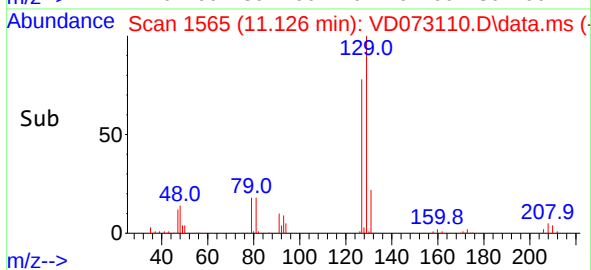
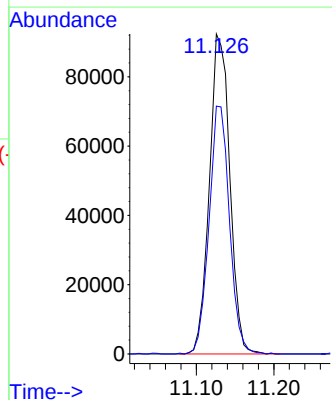
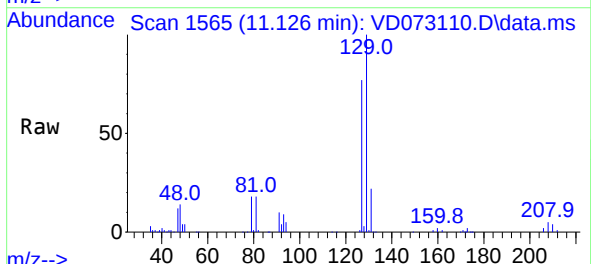
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

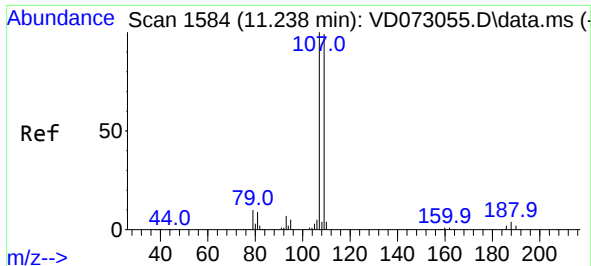
Tgt Ion: 43 Resp: 376162  
Ion Ratio Lower Upper  
43 100  
58 54.0 25.3 75.9



#60  
Dibromochloromethane  
Concen: 53.249 ug/l  
RT: 11.126 min Scan# 1565  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion:129 Resp: 169349  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.2 117.6

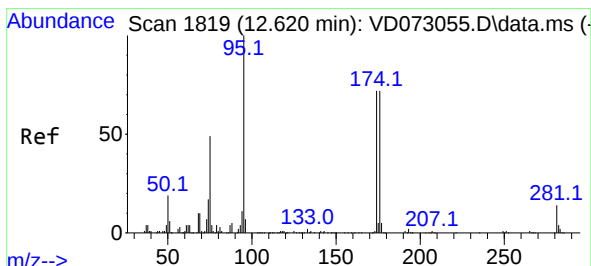
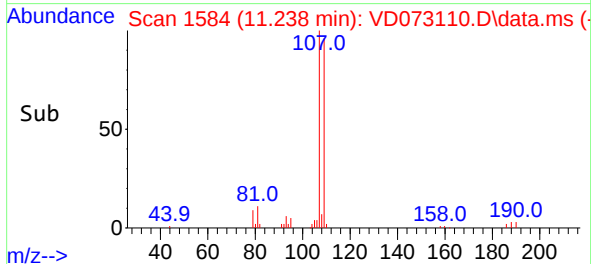
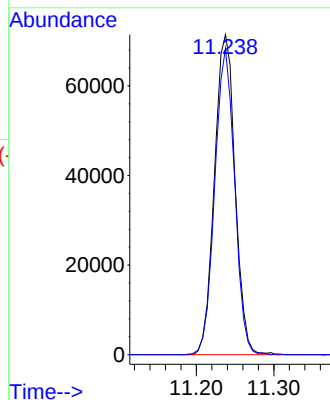
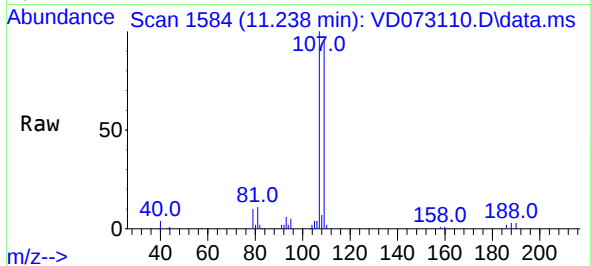




#61  
1,2-Dibromoethane  
Concen: 53.500 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

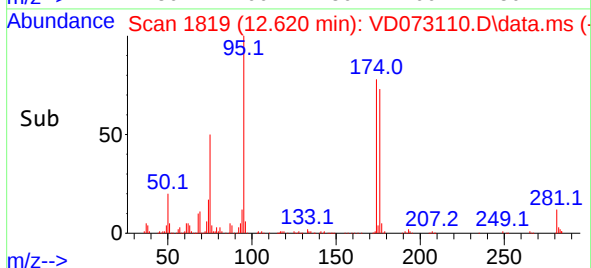
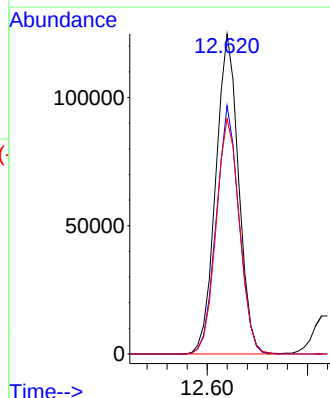
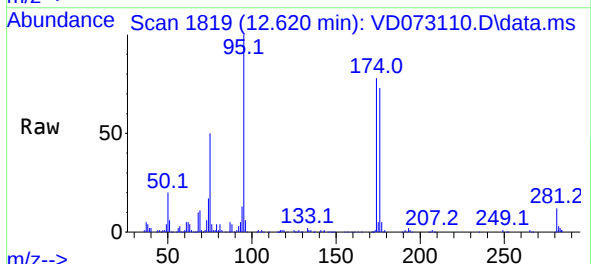
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ClientSampleId :  
VSTDCCC050EC

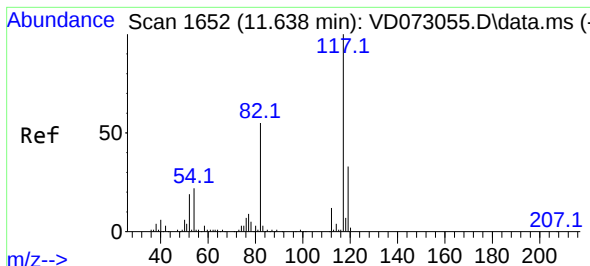
Tgt Ion:107 Resp: 131785  
Ion Ratio Lower Upper  
107 100  
109 92.0 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 53.363 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 95 Resp: 196559  
Ion Ratio Lower Upper  
95 100  
174 77.1 0.0 152.8  
176 75.5 0.0 145.4

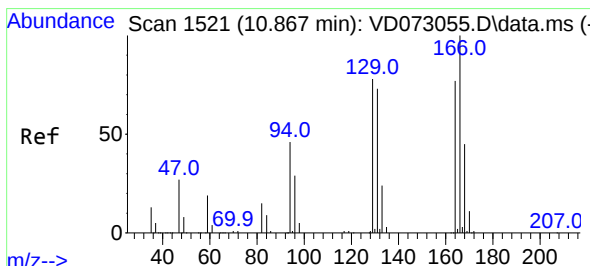
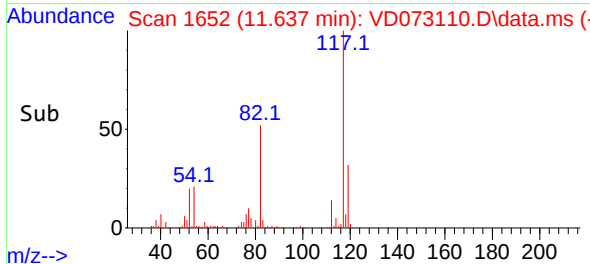
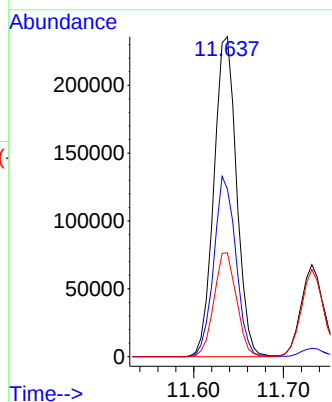
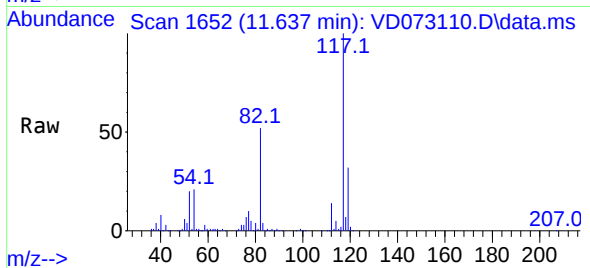




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.637 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

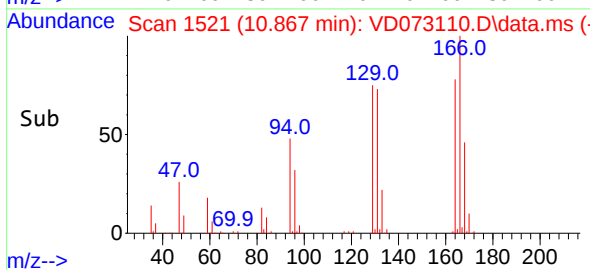
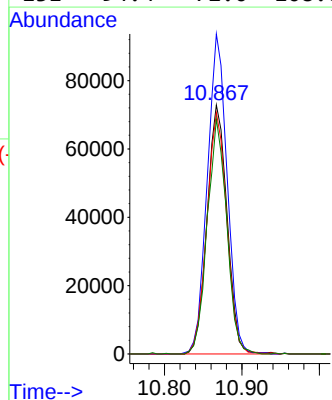
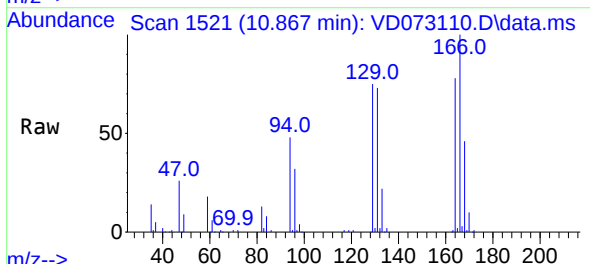
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

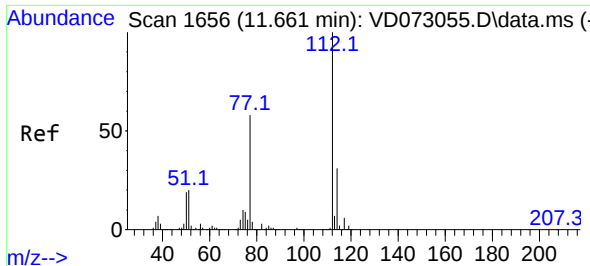
Tgt Ion:117 Resp: 413927  
Ion Ratio Lower Upper  
117 100  
82 52.4 45.3 67.9  
119 32.5 26.6 40.0



#64  
Tetrachloroethene  
Concen: 43.124 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion:164 Resp: 130776  
Ion Ratio Lower Upper  
164 100  
166 128.5 98.5 147.7  
129 96.9 74.6 111.8  
131 94.4 72.0 108.0

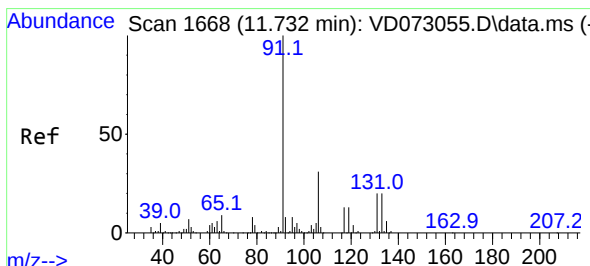
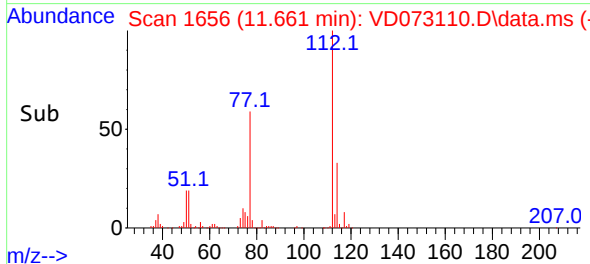
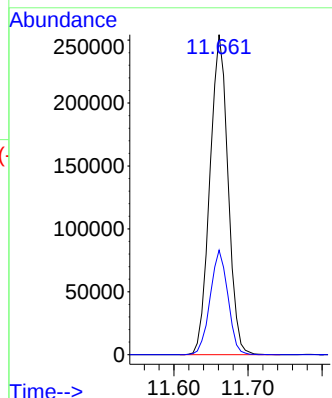
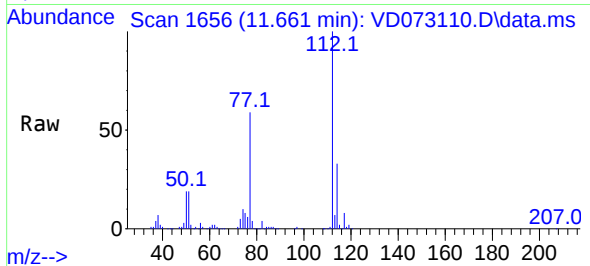




#65  
Chlorobenzene  
Concen: 46.037 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

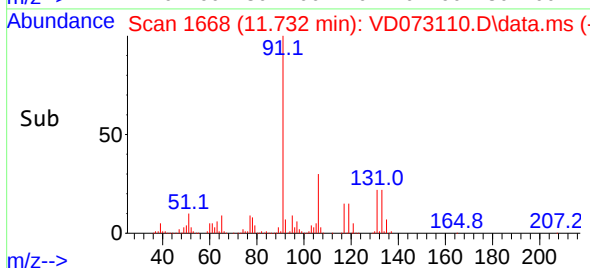
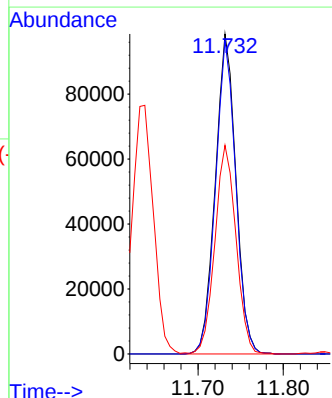
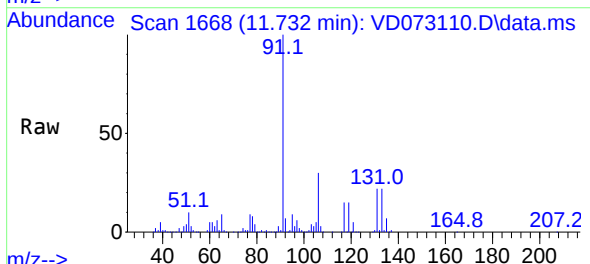
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

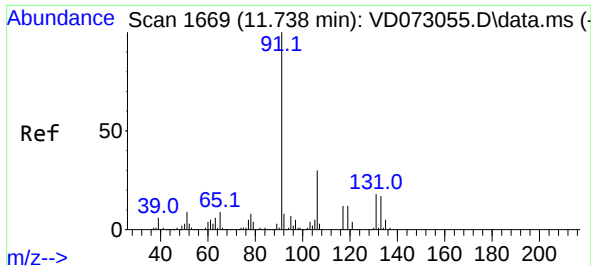
Tgt Ion:112 Resp: 432075  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 46.212 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion:131 Resp: 165680  
Ion Ratio Lower Upper  
131 100  
133 96.3 48.1 144.3  
119 66.8 31.9 95.9

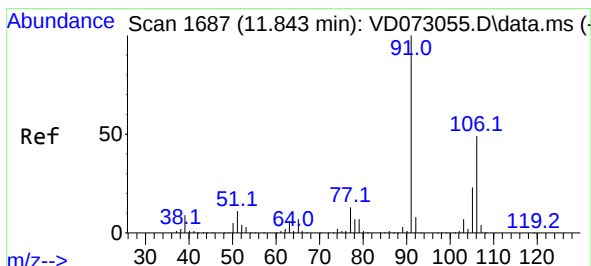
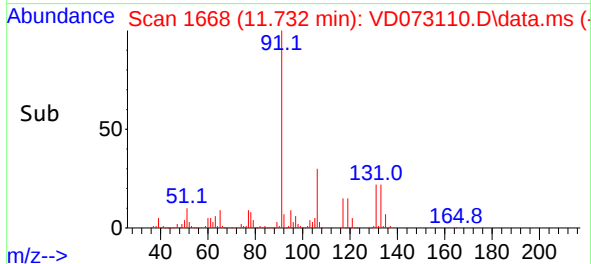
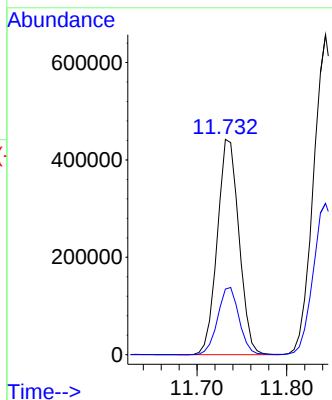
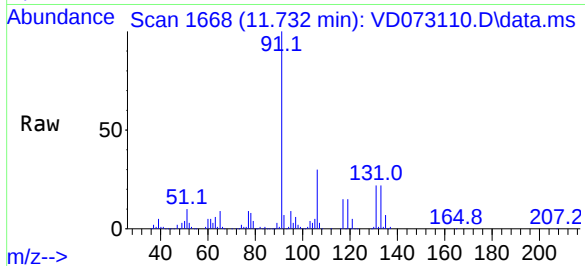




#67  
Ethyl Benzene  
Concen: 45.460 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

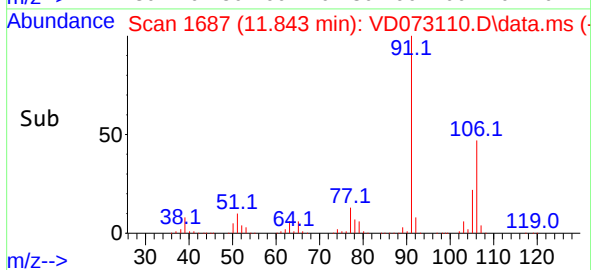
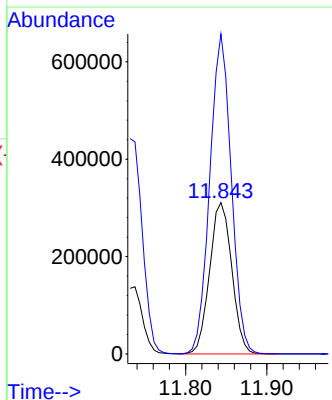
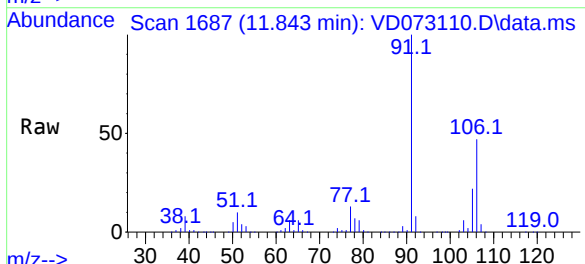
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

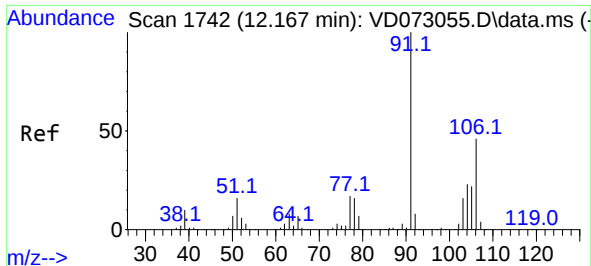
Tgt Ion: 91 Resp: 742900  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.2 36.4



#68  
m/p-Xylenes  
Concen: 93.158 ug/l  
RT: 11.843 min Scan# 1687  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion:106 Resp: 590015  
Ion Ratio Lower Upper  
106 100  
91 204.4 163.7 245.5

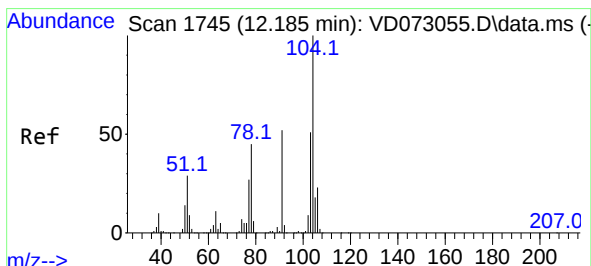
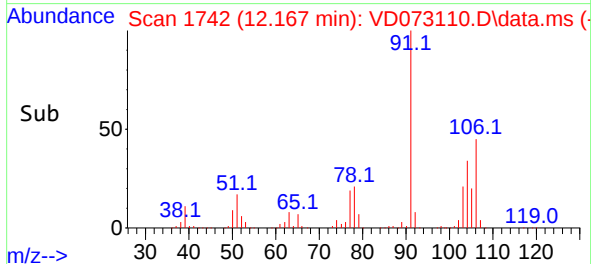
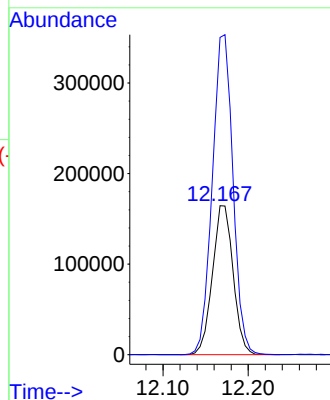
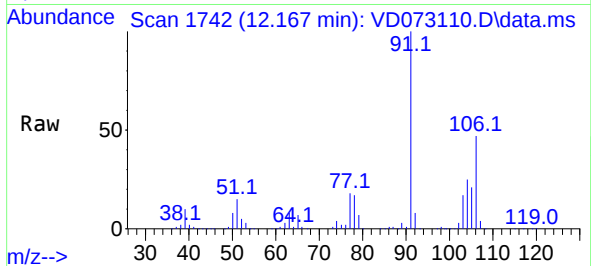




#69  
o-Xylene  
Concen: 47.463 ug/l  
RT: 12.167 min Scan# 1742  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

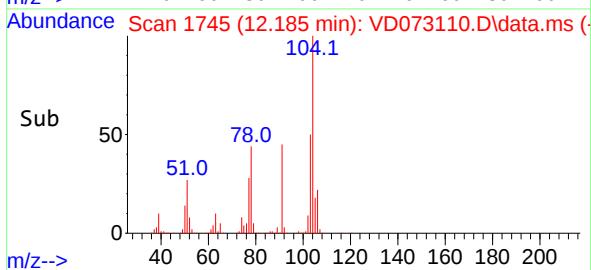
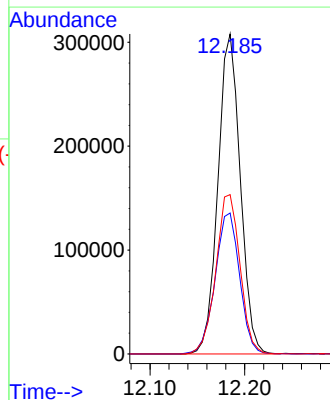
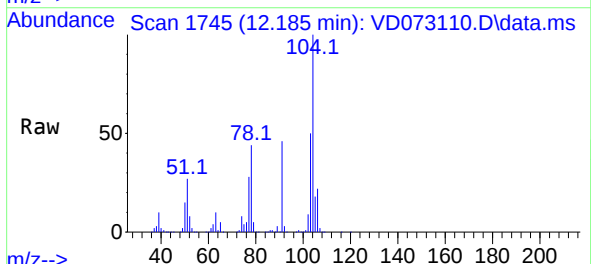
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

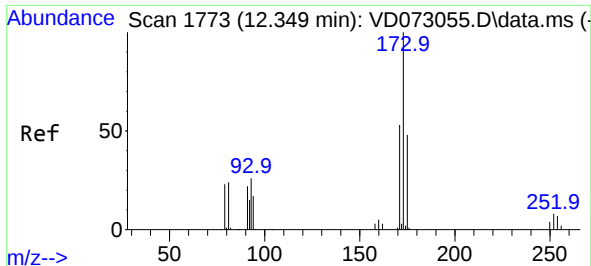
Tgt Ion:106 Resp: 277219  
Ion Ratio Lower Upper  
106 100  
91 214.7 110.4 331.2



#70  
Styrene  
Concen: 49.524 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion:104 Resp: 505225  
Ion Ratio Lower Upper  
104 100  
78 48.5 41.8 62.8  
103 53.9 44.2 66.4

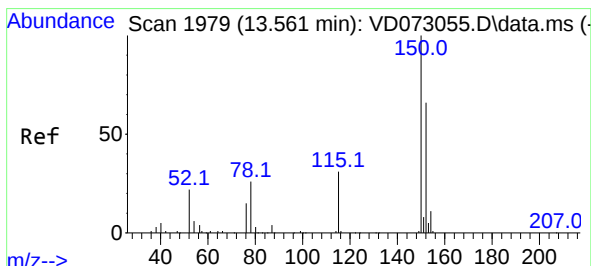
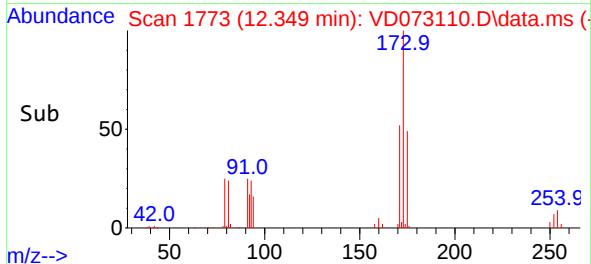
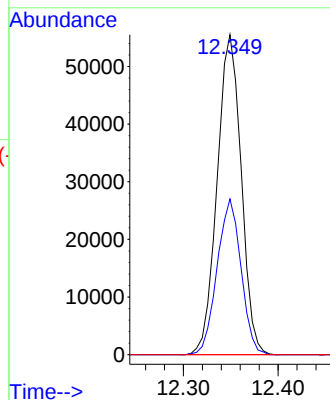
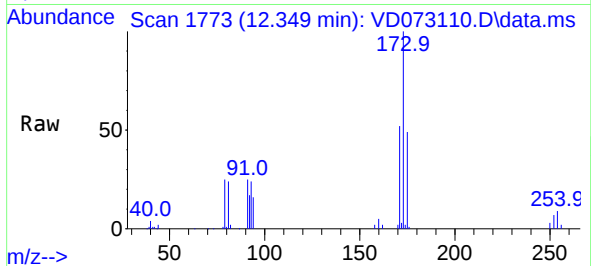




#71  
Bromoform  
Concen: 51.931 ug/l  
RT: 12.349 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

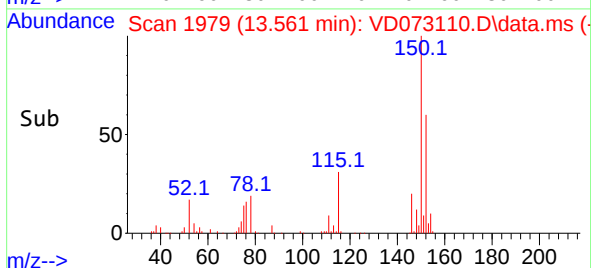
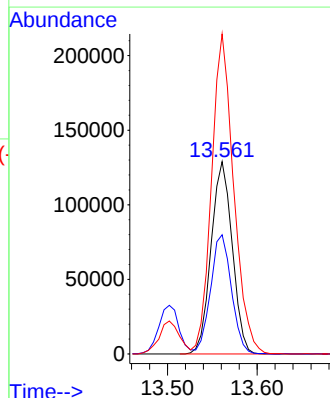
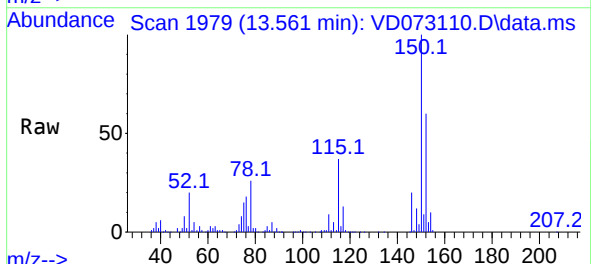
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

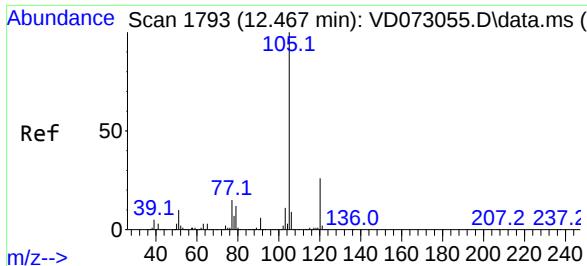
Tgt Ion:173 Resp: 98028  
Ion Ratio Lower Upper  
173 100  
175 48.3 23.9 71.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion:152 Resp: 211027  
Ion Ratio Lower Upper  
152 100  
115 61.0 31.3 93.8  
150 174.3 0.0 348.6

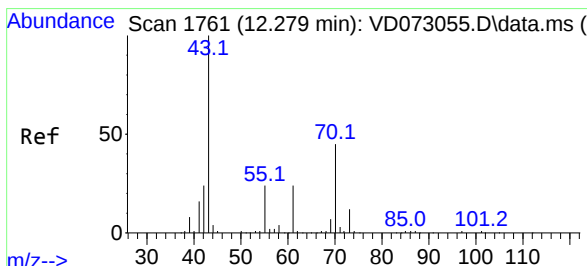
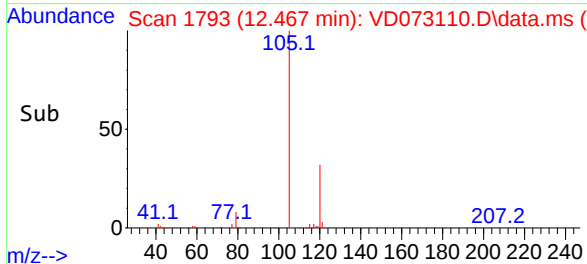
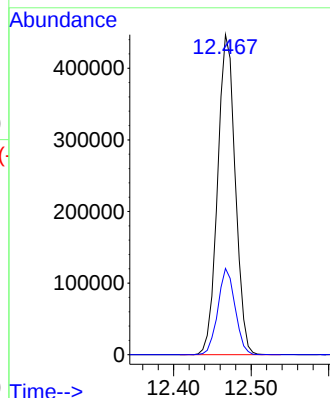
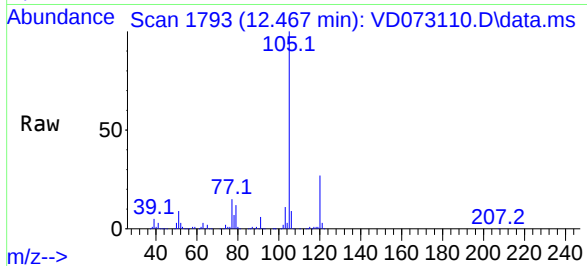




#73  
Isopropylbenzene  
Concen: 44.188 ug/l  
RT: 12.467 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

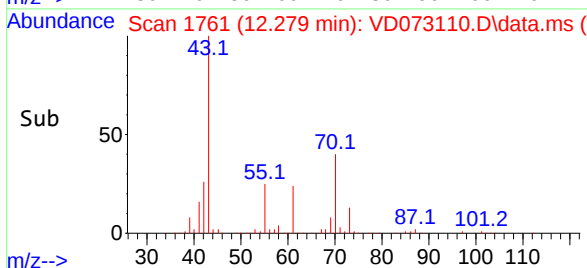
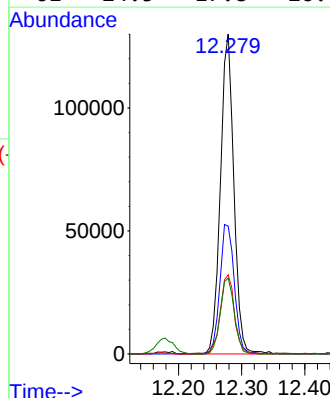
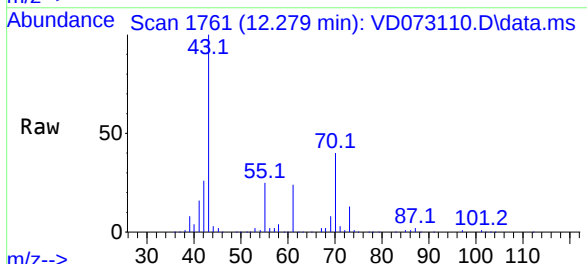
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

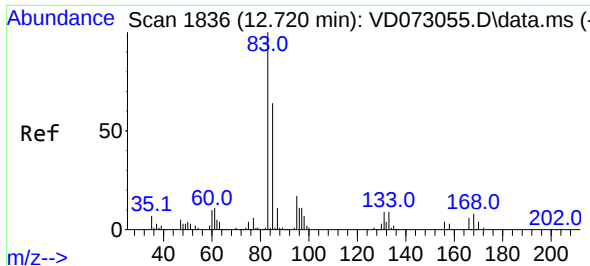
Tgt Ion:105 Resp: 706820  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.0 38.9



#74  
N-ethyl acetate  
Concen: 51.720 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 43 Resp: 193337  
Ion Ratio Lower Upper  
43 100  
70 43.4 31.3 46.9  
55 26.1 20.0 30.0  
61 24.5 17.8 26.8

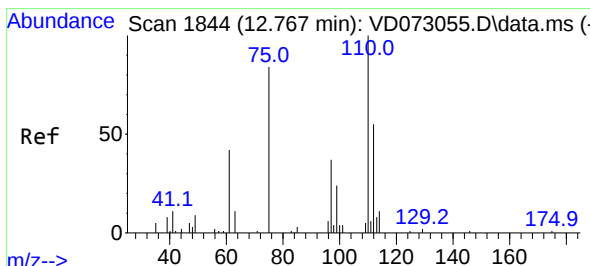
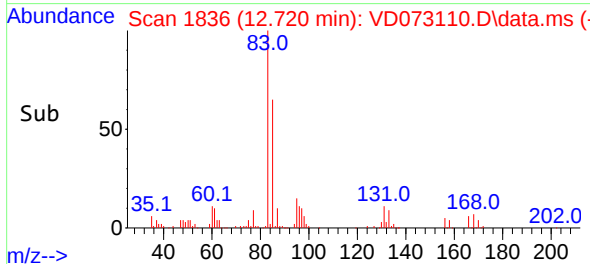
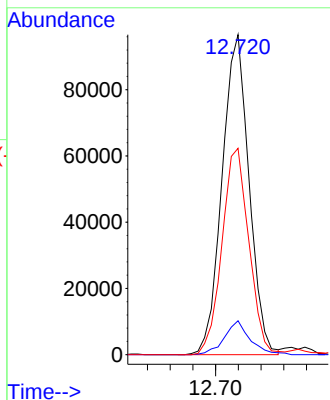
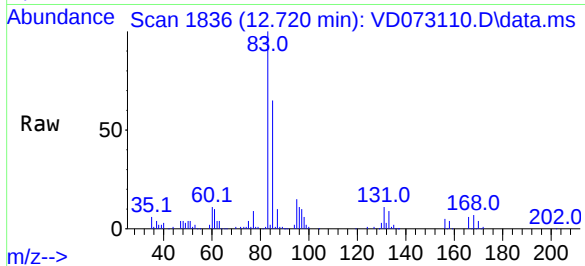




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.473 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

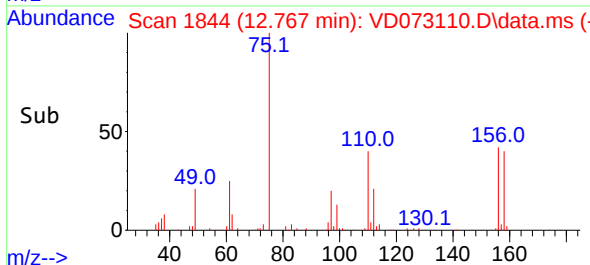
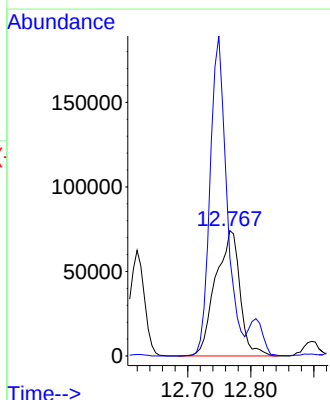
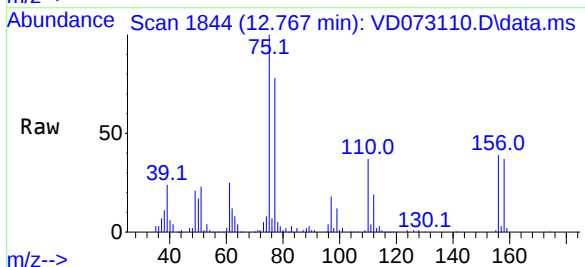
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

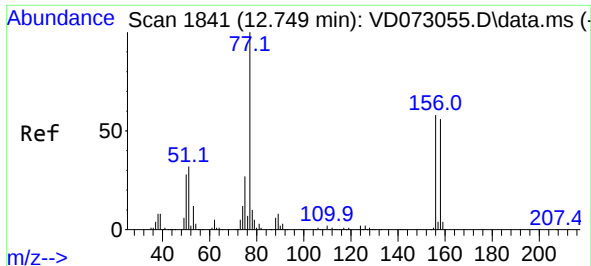
Tgt Ion: 83 Resp: 159164  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.0 14.9  
85 64.5 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 83.490 ug/l  
RT: 12.767 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 75 Resp: 199167  
Ion Ratio Lower Upper  
75 100  
77 175.8 0.0 0.0#

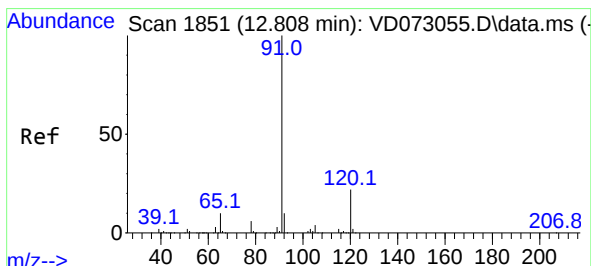
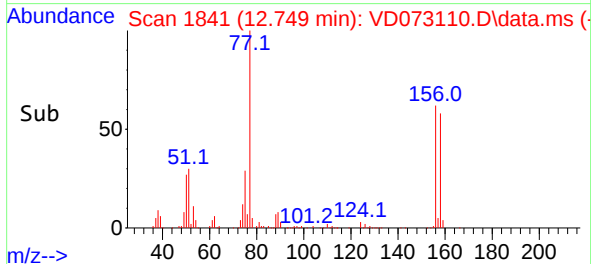
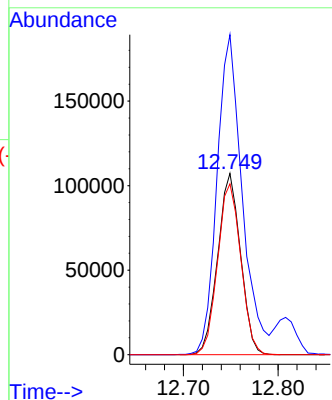
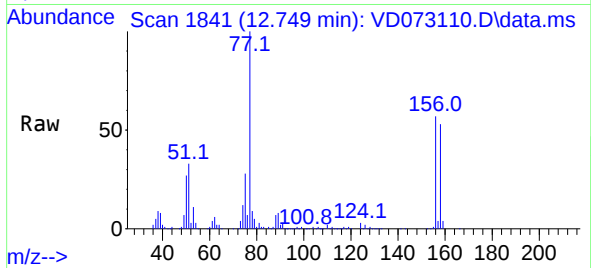




#77  
Bromobenzene  
Concen: 47.101 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

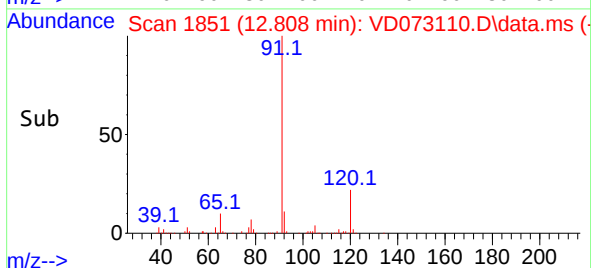
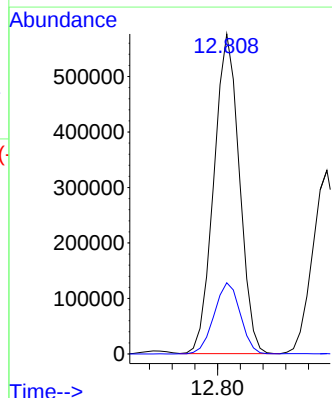
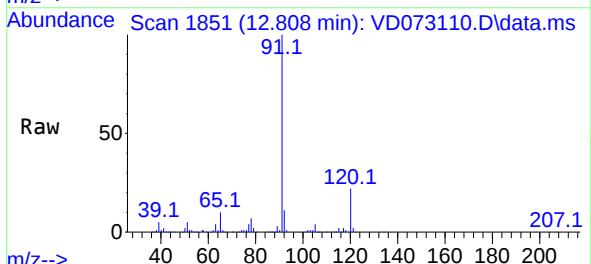
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

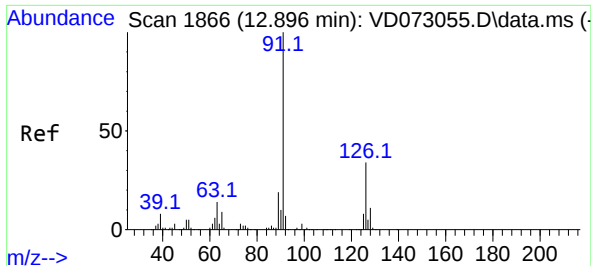
Tgt Ion:156 Resp: 179764  
Ion Ratio Lower Upper  
156 100  
77 194.8 102.8 308.3  
158 95.9 48.7 146.1



#78  
n-propylbenzene  
Concen: 44.714 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 91 Resp: 898182  
Ion Ratio Lower Upper  
91 100  
120 22.9 10.9 32.9

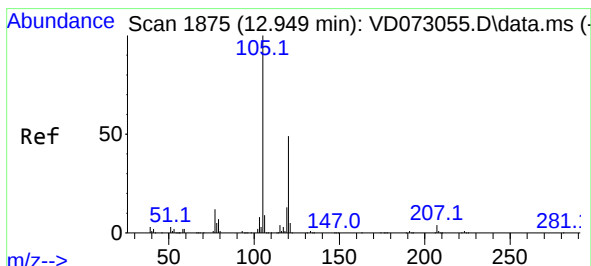
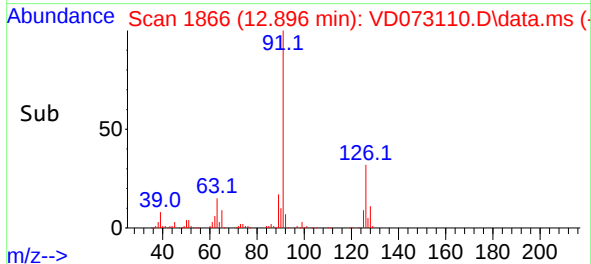
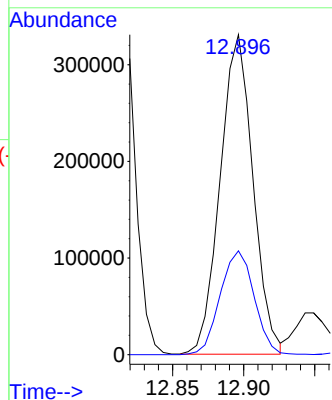
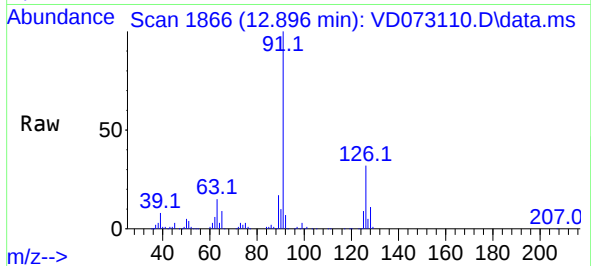




#79  
2-Chlorotoluene  
Concen: 45.346 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

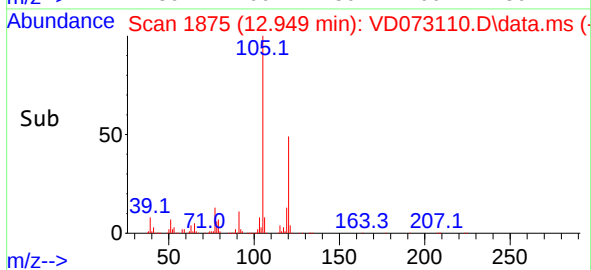
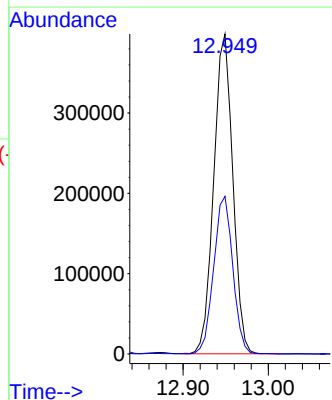
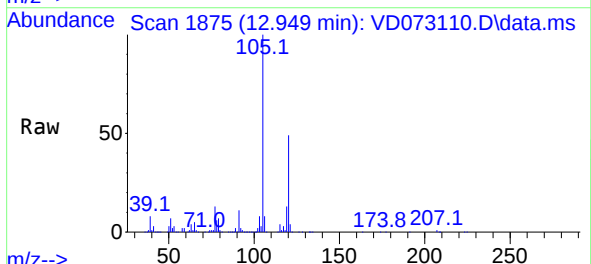
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

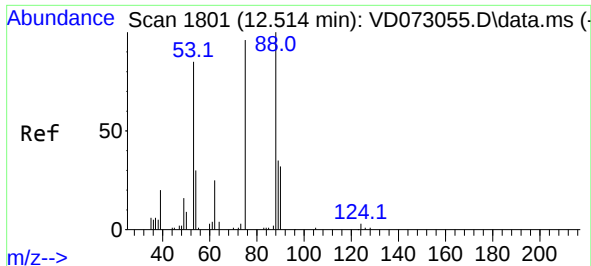
Tgt Ion: 91 Resp: 530631  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 45.409 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 105 Resp: 618785  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.3 72.8

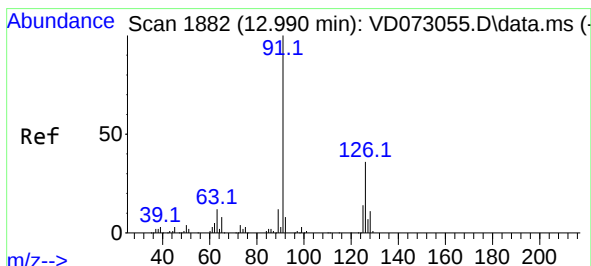
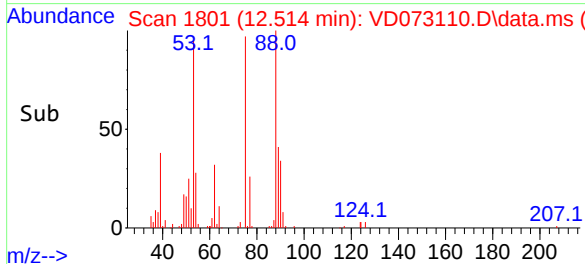
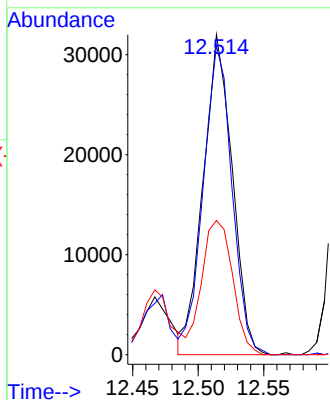
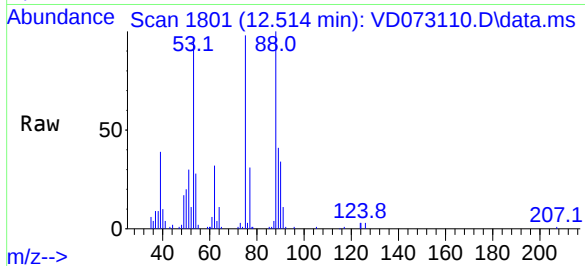




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.695 ug/l  
RT: 12.514 min Scan# 1801  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

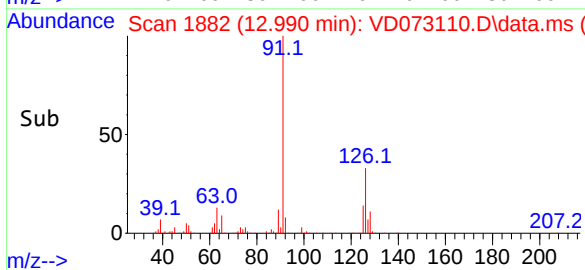
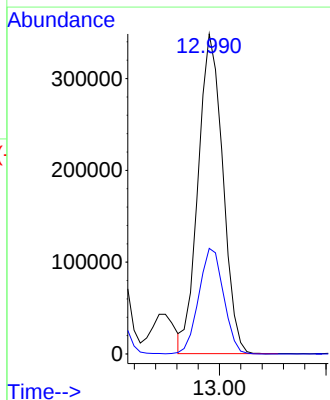
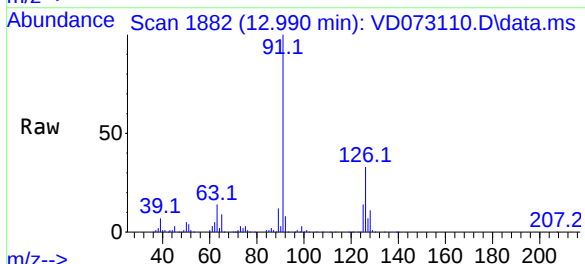
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

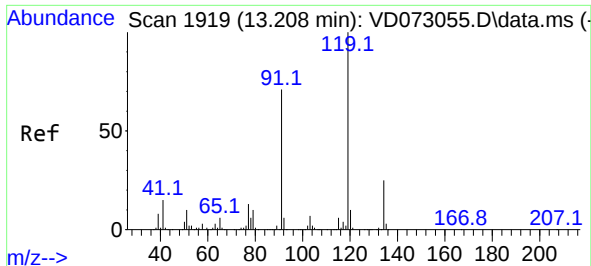
Tgt Ion: 75 Resp: 49441  
Ion Ratio Lower Upper  
75 100  
53 95.5 86.5 129.7  
89 44.3 33.9 50.9



#82  
4-Chlorotoluene  
Concen: 45.165 ug/l  
RT: 12.990 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 91 Resp: 559355  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.5 49.5

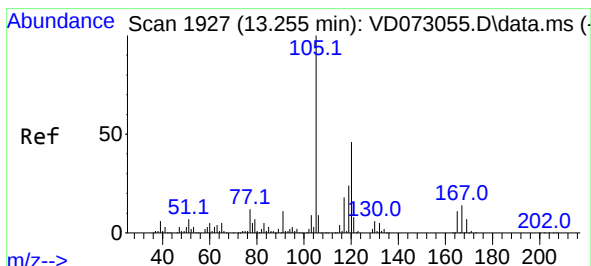
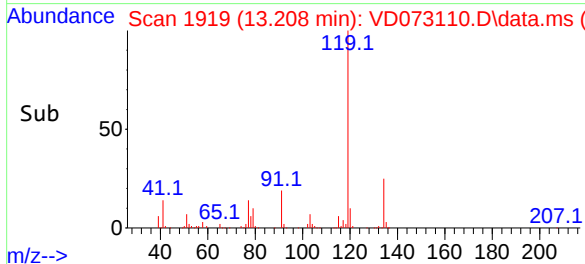
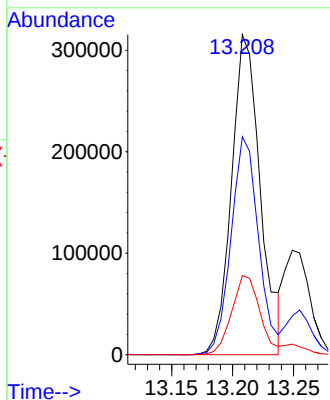
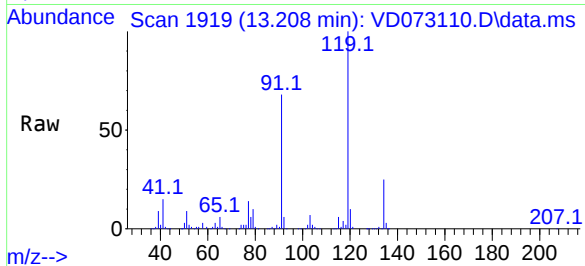




#83  
tert-Butylbenzene  
Concen: 44.981 ug/l  
RT: 13.208 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

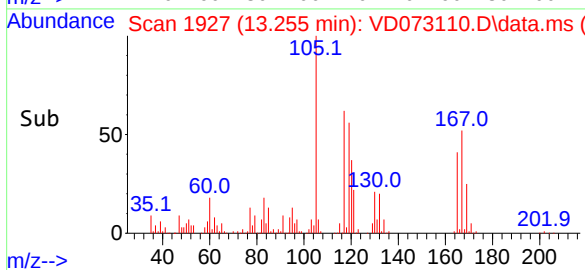
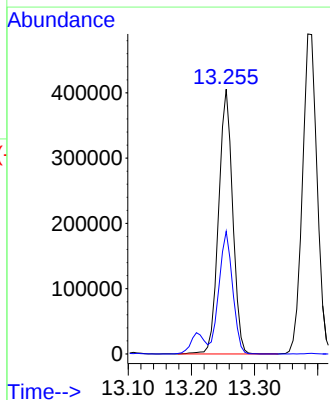
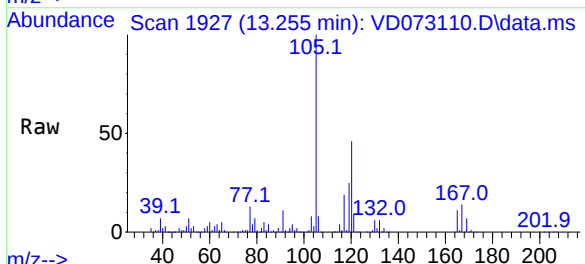
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

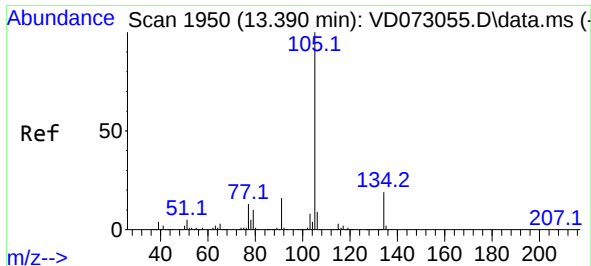
Tgt Ion:119 Resp: 519198  
Ion Ratio Lower Upper  
119 100  
91 65.1 34.8 104.5  
134 26.7 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 46.194 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion:105 Resp: 626275  
Ion Ratio Lower Upper  
105 100  
120 45.2 22.3 66.8

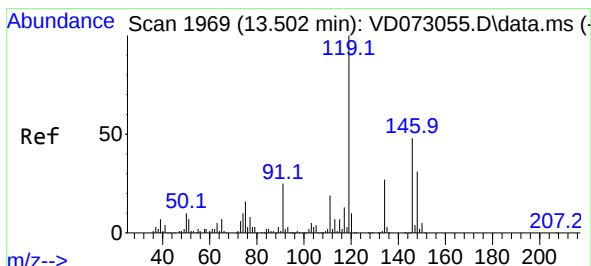
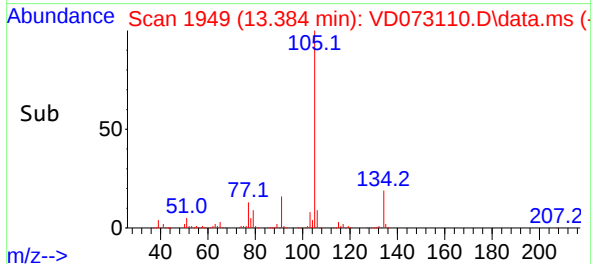
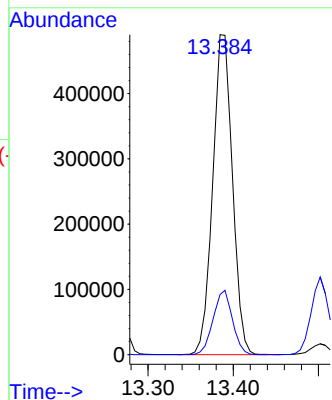
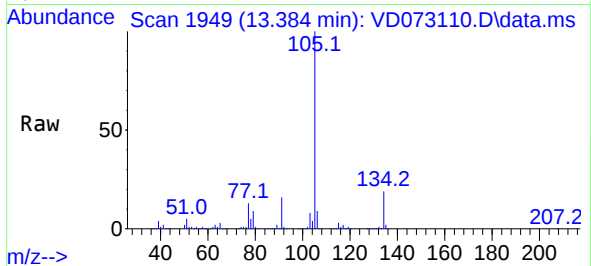




#85  
sec-Butylbenzene  
Concen: 44.995 ug/l  
RT: 13.384 min Scan# 1949  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

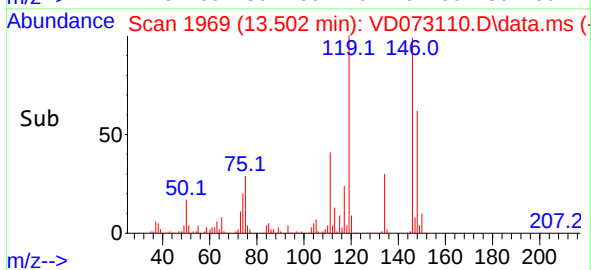
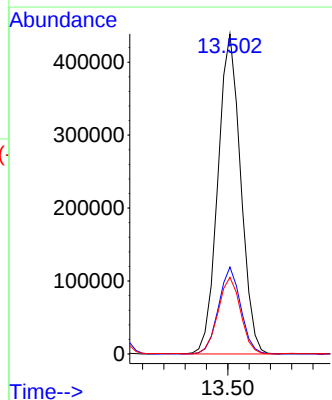
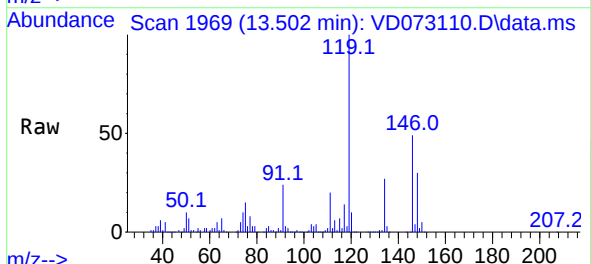
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

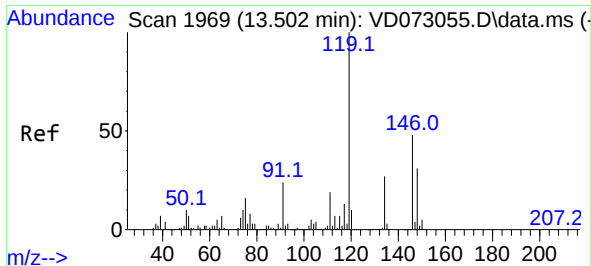
Tgt Ion:105 Resp: 788351  
Ion Ratio Lower Upper  
105 100  
134 19.7 9.8 29.3



#86  
p-Isopropyltoluene  
Concen: 45.695 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion:119 Resp: 651211  
Ion Ratio Lower Upper  
119 100  
134 26.4 12.9 38.6  
91 23.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 44.835 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

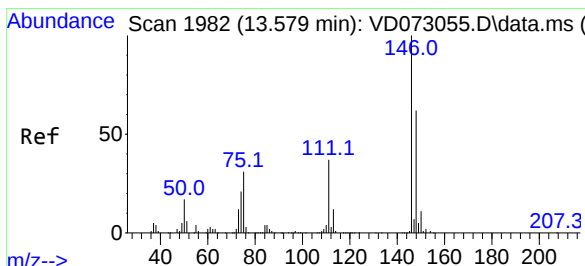
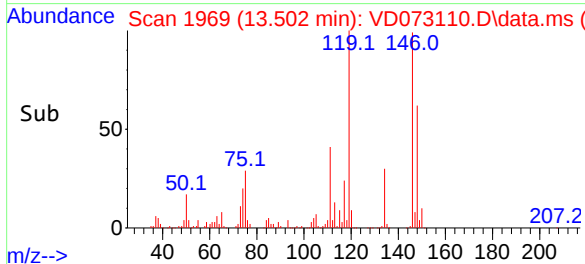
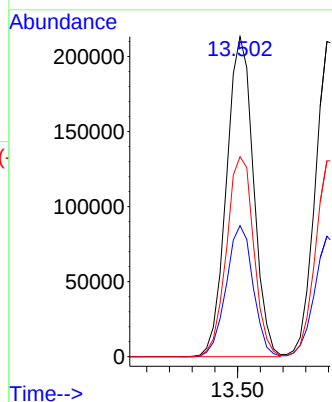
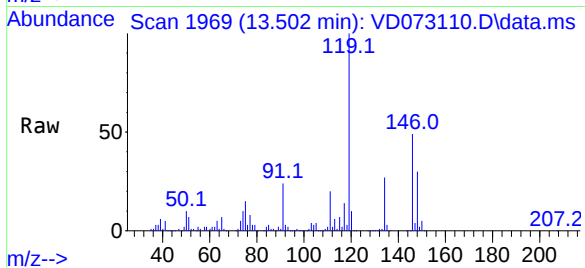
Tgt Ion:146 Resp: 351699

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.3

148 63.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 45.879 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

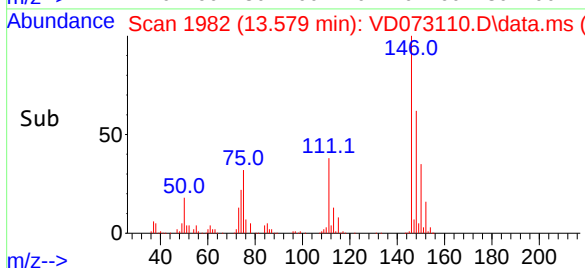
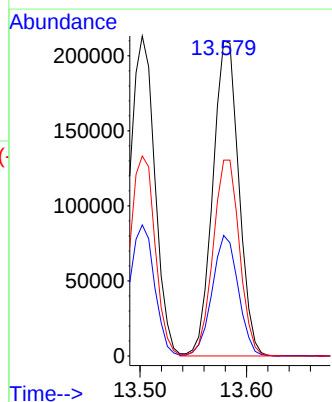
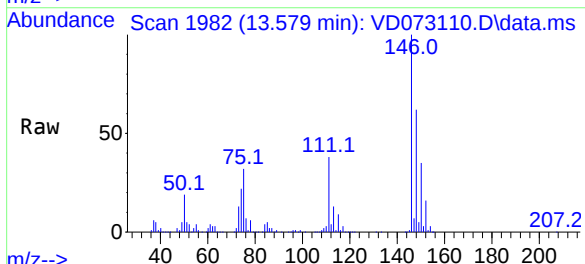
Tgt Ion:146 Resp: 355639

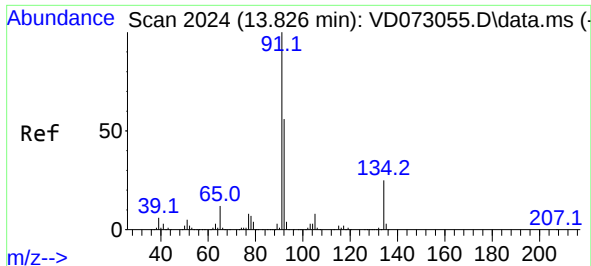
Ion Ratio Lower Upper

146 100

111 38.6 20.3 60.9

148 63.0 31.7 95.1

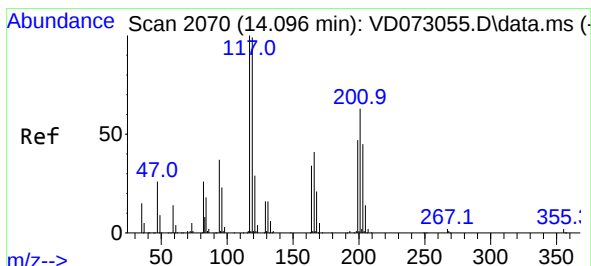
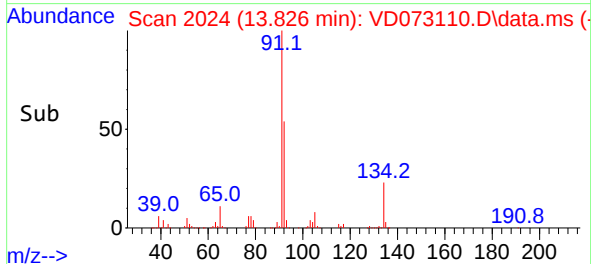
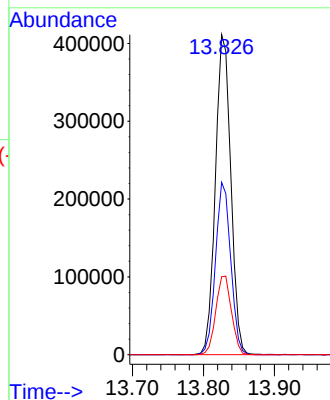
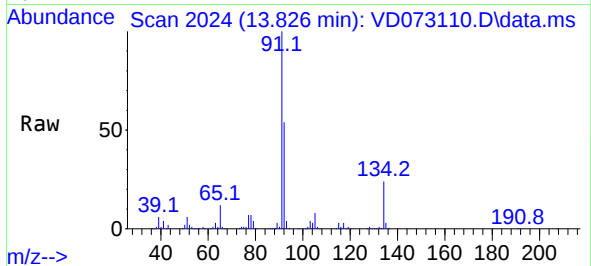




#89  
n-Butylbenzene  
Concen: 44.593 ug/l  
RT: 13.826 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

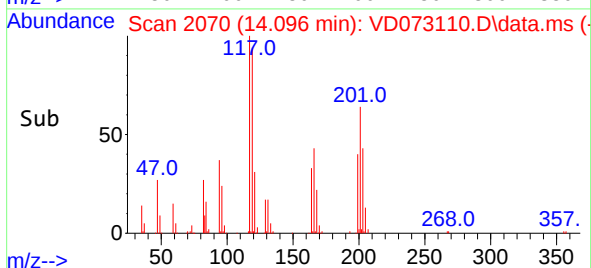
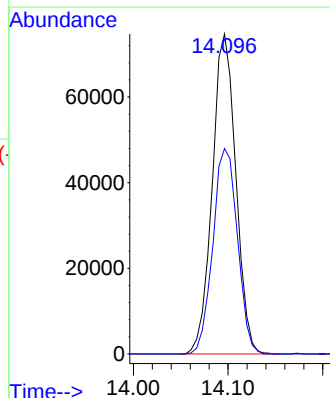
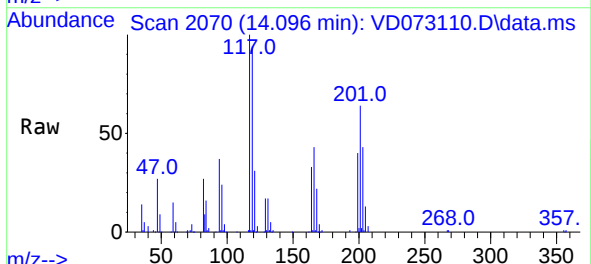
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

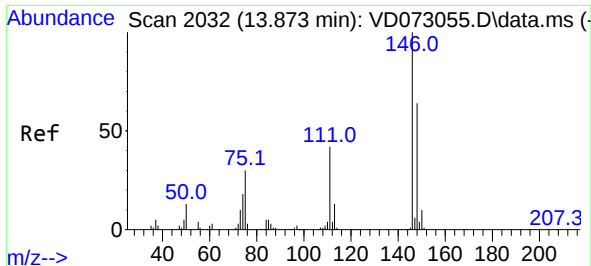
Tgt Ion: 91 Resp: 618027  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.6 79.8  
134 25.0 12.3 36.9



#90  
Hexachloroethane  
Concen: 43.678 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion: 117 Resp: 129342  
Ion Ratio Lower Upper  
117 100  
201 66.9 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 46.436 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

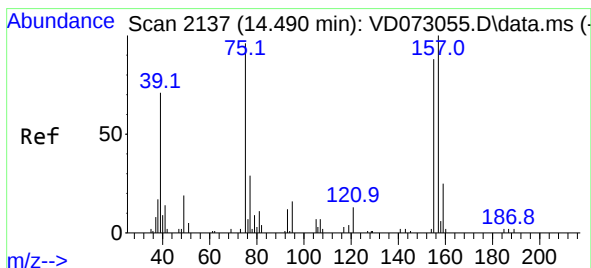
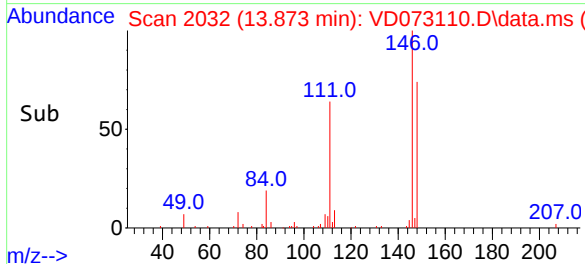
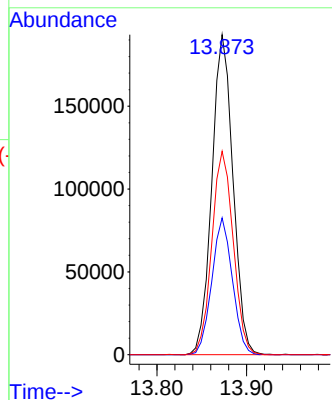
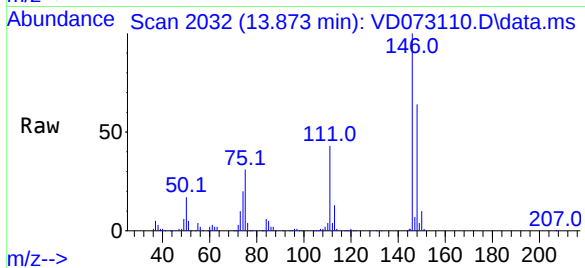
Tgt Ion:146 Resp: 315937

Ion Ratio Lower Upper

146 100

111 41.5 21.1 63.3

148 64.4 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.948 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VD073110.D

Acq: 18 May 2022 20:34

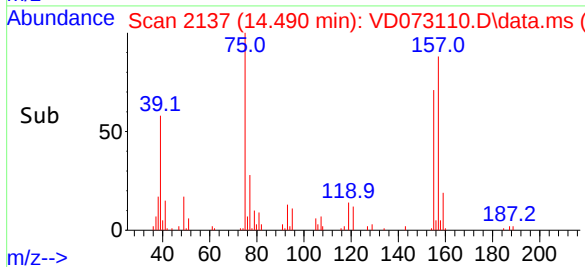
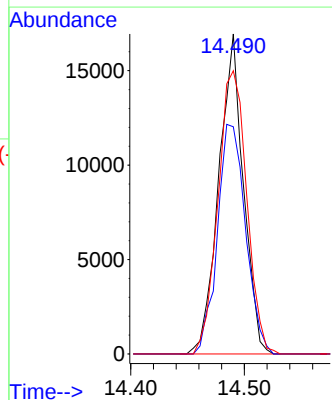
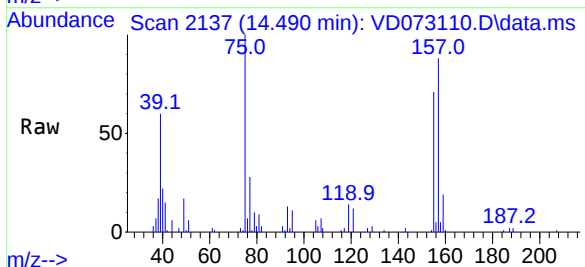
Tgt Ion: 75 Resp: 25463

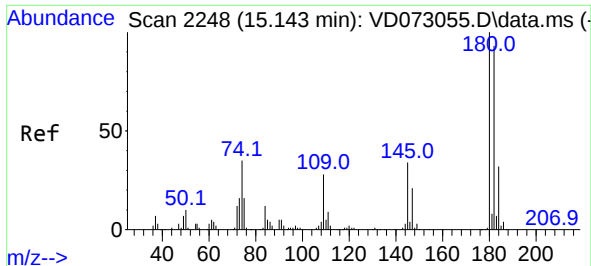
Ion Ratio Lower Upper

75 100

155 82.4 36.8 110.3

157 103.5 48.4 145.0

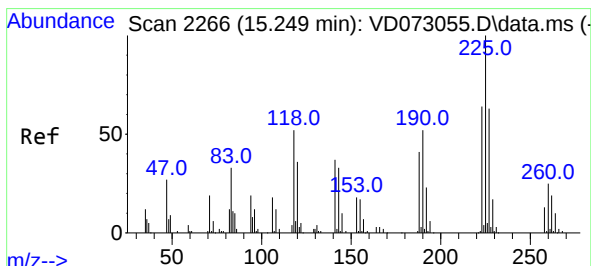
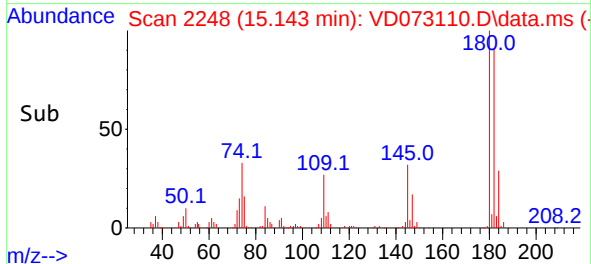
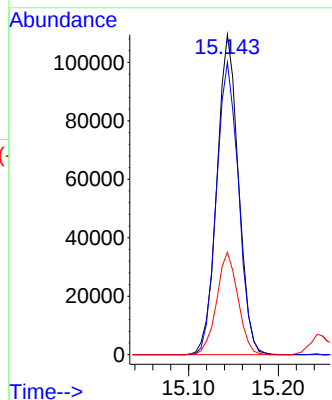
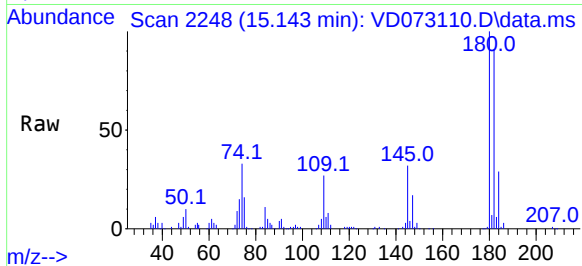




#93  
1,2,4-Trichlorobenzene  
Concen: 46.994 ug/l  
RT: 15.143 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

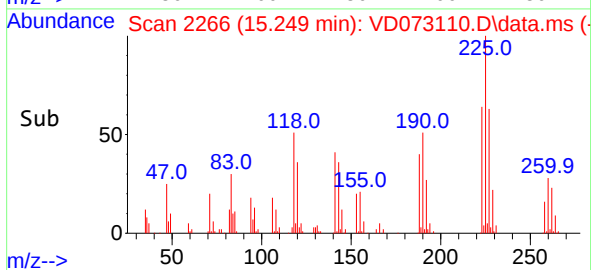
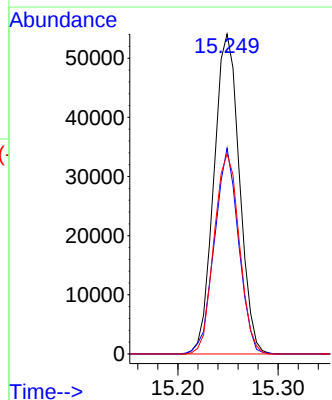
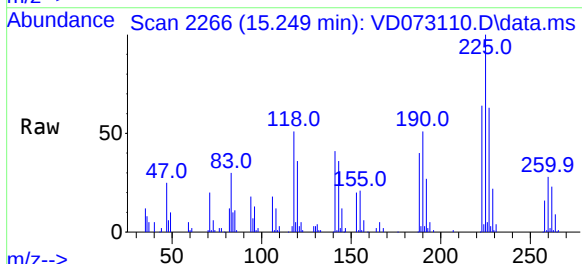
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

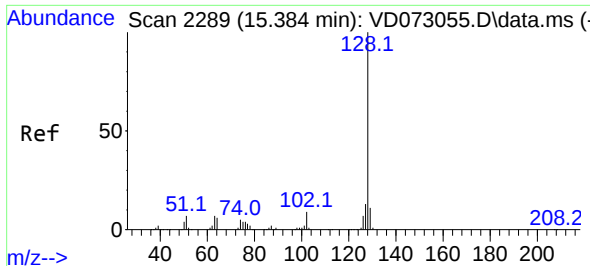
Tgt Ion:180 Resp: 182427  
Ion Ratio Lower Upper  
180 100  
182 93.7 47.3 142.0  
145 31.7 16.2 48.5



#94  
Hexachlorobutadiene  
Concen: 44.096 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. -0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Tgt Ion:225 Resp: 95547  
Ion Ratio Lower Upper  
225 100  
223 60.7 31.1 93.2  
227 61.9 32.4 97.0

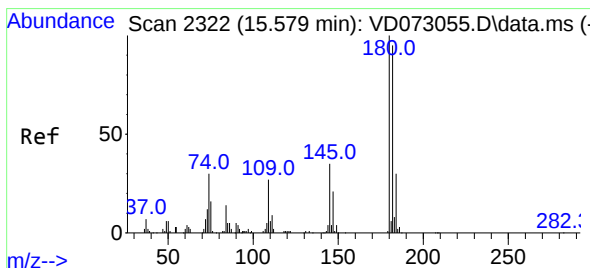
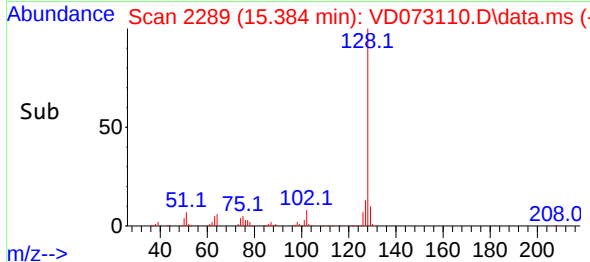
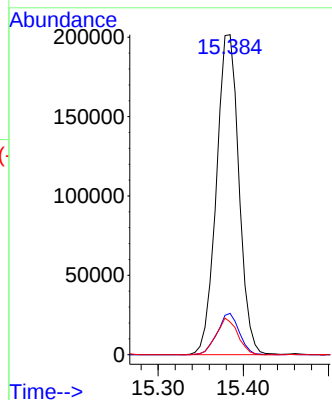
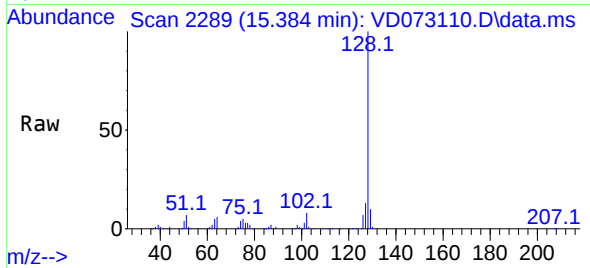




#95  
Naphthalene  
Concen: 45.491 ug/l  
RT: 15.384 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 370559 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.6  | 10.3  | 15.5   |
| 129      | 11.0  | 8.4   | 12.6   |



#96  
1,2,3-Trichlorobenzene  
Concen: 47.691 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. -0.006 min  
Lab File: VD073110.D  
Acq: 18 May 2022 20:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 164365 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 96.2  | 47.6  | 142.9  |
| 145      | 35.0  | 17.1  | 51.3   |

