

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110722\  
 Data File : VY011349.D  
 Acq On : 07 Nov 2022 20:34  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Nov 08 03:31:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110122S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 01 11:56:18 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.783  | 168   | 189269   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.685  | 114   | 303107   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.490 | 117   | 284898   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422 | 152   | 147662   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.136  | 65    | 101614   | 50.199   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 100.400% |          |
| 35) Dibromofluoromethane     | 7.716  | 113   | 103160   | 52.972   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 105.940% |          |
| 50) Toluene-d8               | 10.179 | 98    | 376571   | 49.803   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | = 99.600%  |          |
| 62) 4-Bromofluorobenzene     | 12.477 | 95    | 140931   | 53.689   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | = 107.380% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.900  | 85    | 69077    | 45.792   | ug/l       | 98       |
| 3) Chloromethane             | 2.113  | 50    | 91184    | 43.447   | ug/l       | 96       |
| 4) Vinyl Chloride            | 2.247  | 62    | 105140   | 44.848   | ug/l       | 99       |
| 5) Bromomethane              | 2.644  | 94    | 77351    | 49.456   | ug/l       | 98       |
| 6) Chloroethane              | 2.790  | 64    | 71385    | 47.386   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 3.119  | 101   | 166057   | 47.945   | ug/l       | 94       |
| 8) Diethyl Ether             | 3.528  | 74    | 68815    | 55.372   | ug/l       | 76       |
| 9) 1,1,2-Trichlorotrifluo... | 3.899  | 101   | 103750   | 49.824   | ug/l       | 95       |
| 10) Methyl Iodide            | 4.088  | 142   | 146832   | 54.779   | ug/l       | 90       |
| 11) Tert butyl alcohol       | 4.948  | 59    | 62837    | 305.454  | ug/l #     | 91       |
| 12) 1,1-Dichloroethene       | 3.869  | 96    | 102934   | 49.997   | ug/l #     | 77       |
| 13) Acrolein                 | 3.729  | 56    | 24718    | 226.809  | ug/l       | 99       |
| 14) Allyl chloride           | 4.479  | 41    | 153568   | 49.243   | ug/l #     | 82       |
| 15) Acrylonitrile            | 5.155  | 53    | 181292   | 290.715  | ug/l       | 97       |
| 16) Acetone                  | 3.942  | 43    | 127136   | 208.065  | ug/l #     | 81       |
| 17) Carbon Disulfide         | 4.186  | 76    | 316313   | 46.778   | ug/l       | 98       |
| 18) Methyl Acetate           | 4.472  | 43    | 85897    | 53.098   | ug/l #     | 84       |
| 19) Methyl tert-butyl Ether  | 5.216  | 73    | 314527   | 57.491   | ug/l       | 97       |
| 20) Methylene Chloride       | 4.710  | 84    | 176792   | 73.067   | ug/l #     | 80       |
| 21) trans-1,2-Dichloroethene | 5.216  | 96    | 120713   | 51.551   | ug/l       | 86       |
| 22) Diisopropyl ether        | 6.112  | 45    | 342097   | 52.909   | ug/l #     | 92       |
| 23) Vinyl Acetate            | 6.058  | 43    | 1099276  | 278.551  | ug/l #     | 90       |
| 24) 1,1-Dichloroethane       | 6.015  | 63    | 207539   | 51.255   | ug/l       | 98       |
| 25) 2-Butanone               | 6.978  | 43    | 216757   | 252.113  | ug/l #     | 81       |
| 26) 2,2-Dichloropropane      | 6.978  | 77    | 171966   | 46.447   | ug/l       | 93       |
| 27) cis-1,2-Dichloroethene   | 6.978  | 96    | 140656   | 54.514   | ug/l       | 86       |
| 28) Bromochloromethane       | 7.326  | 49    | 83541    | 53.712   | ug/l #     | 76       |
| 29) Tetrahydrofuran          | 7.344  | 42    | 145881   | 291.460  | ug/l #     | 80       |
| 30) Chloroform               | 7.502  | 83    | 218238   | 53.365   | ug/l       | 99       |
| 31) Cyclohexane              | 7.783  | 56    | 171909   | 45.819   | ug/l       | 91       |
| 32) 1,1,1-Trichloroethane    | 7.697  | 97    | 186812   | 51.502   | ug/l       | 94       |
| 36) 1,1-Dichloropropene      | 7.911  | 75    | 160492   | 50.464   | ug/l       | 96       |
| 37) Ethyl Acetate            | 7.070  | 43    | 96059    | 56.030   | ug/l #     | 91       |
| 38) Carbon Tetrachloride     | 7.899  | 117   | 171111   | 51.861   | ug/l       | 99       |
| 39) Methylcyclohexane        | 9.179  | 83    | 196878   | 50.885   | ug/l       | 90       |
| 40) Benzene                  | 8.155  | 78    | 494695   | 52.926   | ug/l       | 96       |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Nov 08 03:31:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110122S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 01 11:56:18 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 129992   | 139.545  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 139459   | 54.945   | ug/l   | 89       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 169195   | 56.015   | ug/l # | 85       |
| 44) Trichloroethene           | 8.935  | 130  | 135765   | 54.275   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 122992   | 53.225   | ug/l   | 95       |
| 46) Dibromomethane            | 9.301  | 93   | 74953    | 57.408   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.496  | 83   | 171858   | 55.527   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.289  | 41   | 77297    | 55.714   | ug/l # | 73       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 23539    | 1340.148 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 485244   | 295.457  | ug/l # | 84       |
| 52) Toluene                   | 10.240 | 92   | 317274   | 54.744   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 182302   | 55.929   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 204937   | 54.948   | ug/l # | 80       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 108396   | 57.928   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 150577   | 60.920   | ug/l # | 72       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 183049   | 57.150   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 327635   | 282.747  | ug/l   | 94       |
| 59) 2-Hexanone                | 10.831 | 43   | 338434   | 288.639  | ug/l   | 81       |
| 60) Dibromochloromethane      | 10.983 | 129  | 130375   | 58.641   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 105190   | 59.212   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 136665   | 56.473   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 345116   | 54.907   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 129129   | 55.795   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 603026   | 54.085   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 474427   | 109.617  | ug/l   | 94       |
| 69) o-Xylene                  | 12.026 | 106  | 229250   | 56.507   | ug/l   | 92       |
| 70) Styrene                   | 12.044 | 104  | 391232   | 56.885   | ug/l   | 95       |
| 71) Bromoform                 | 12.203 | 173  | 86786    | 60.333   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 587379   | 53.204   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 150326   | 54.243   | ug/l # | 81       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 128161   | 56.099   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 169823   | 94.469   | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 145251   | 55.932   | ug/l   | 96       |
| 78) n-propylbenzene           | 12.666 | 91   | 706140   | 52.271   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 407831   | 52.689   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 506900   | 54.259   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 45274    | 53.899   | ug/l # | 82       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 423476   | 53.089   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.068 | 119  | 435864   | 54.146   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 507797   | 54.958   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 635956   | 53.285   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 540947   | 54.378   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 285068   | 54.744   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 286229   | 54.807   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 489818   | 52.729   | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 103852   | 52.200   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 259505   | 55.792   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 22039    | 56.314   | ug/l   | 77       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 160595   | 57.126   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 89521    | 54.689   | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 355517   | 53.761   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 143845   | 58.223   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 29 Sample Multiplier: 1

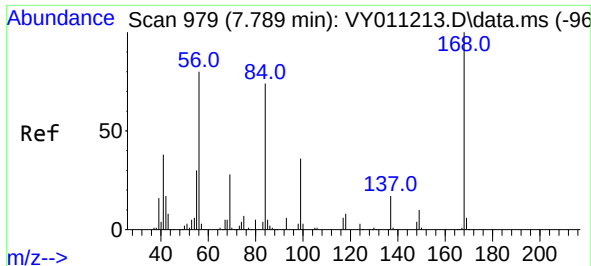
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Nov 08 03:31:57 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110122S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 01 11:56:18 2022  
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

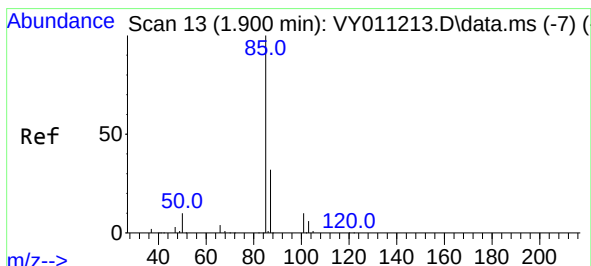
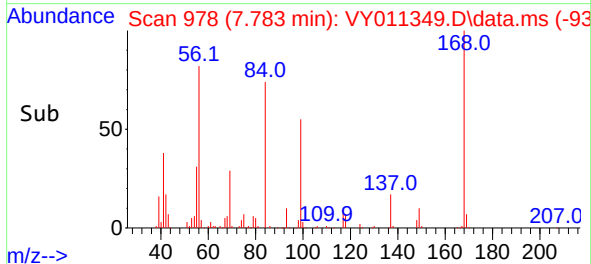
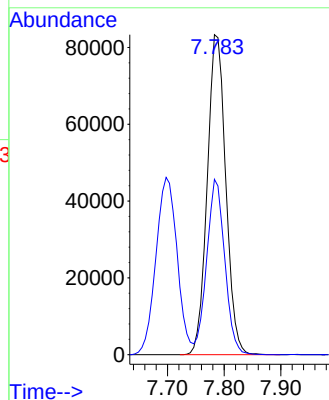
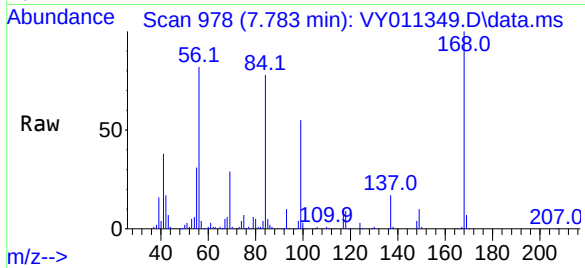




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

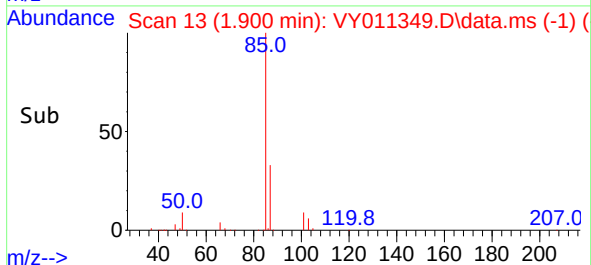
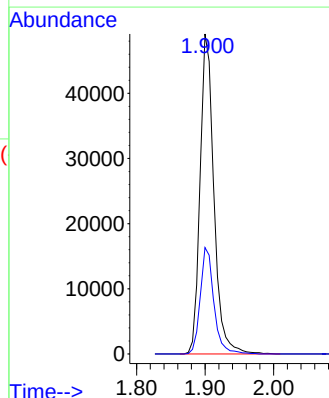
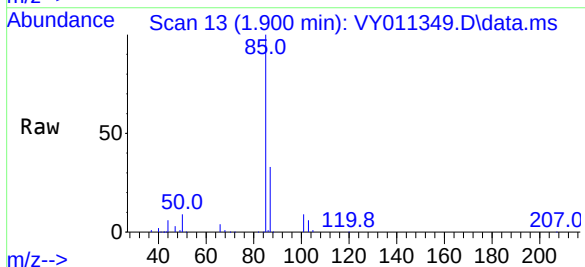
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:168 Resp: 189269  
Ion Ratio Lower Upper  
168 100  
99 54.8 46.9 70.3

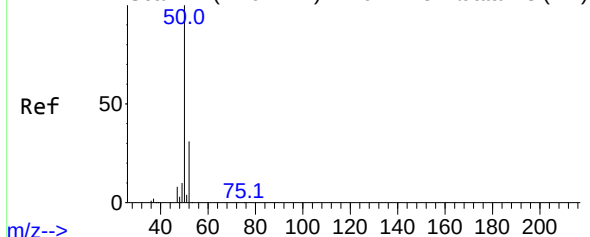


#2  
Dichlorodifluoromethane  
Concen: 45.792 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 85 Resp: 69077  
Ion Ratio Lower Upper  
85 100  
87 33.3 16.1 48.2



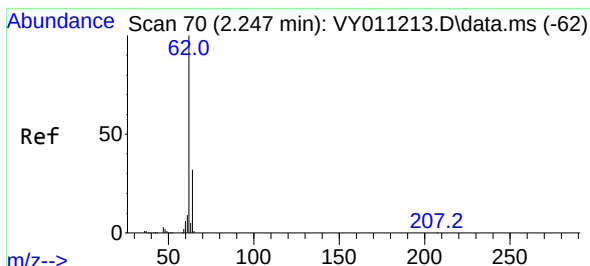
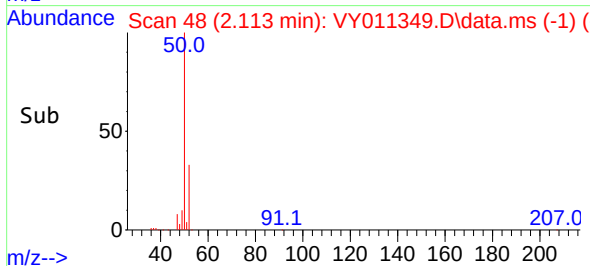
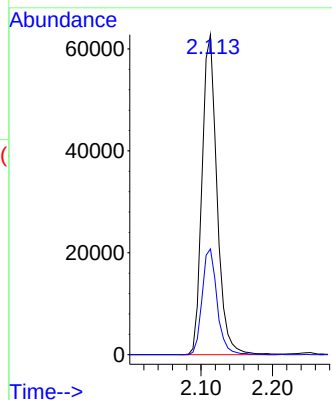
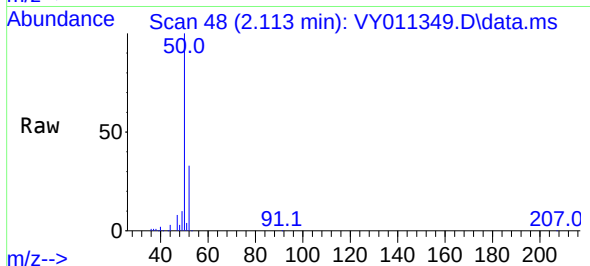
Abundance Scan 47 (2.107 min): VY011213.D\data.ms (-41)



#3  
Chloromethane  
Concen: 43.447 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

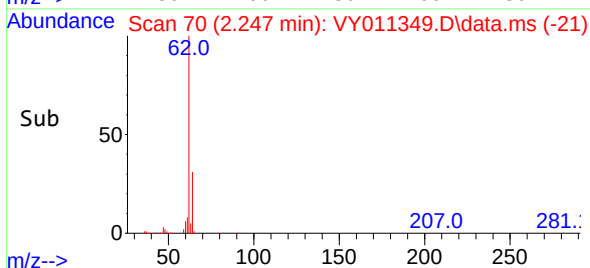
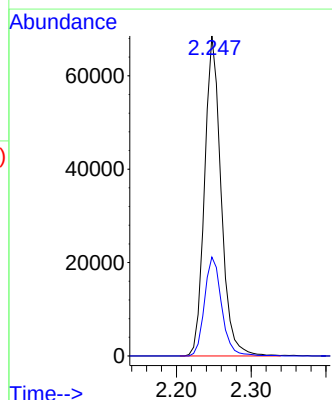
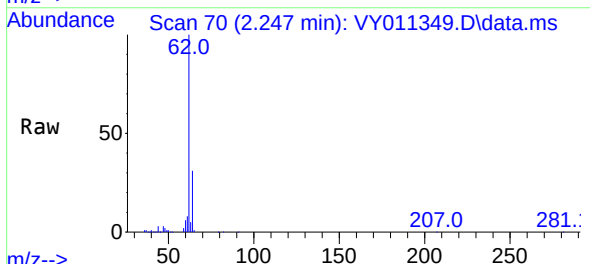
Instrument :  
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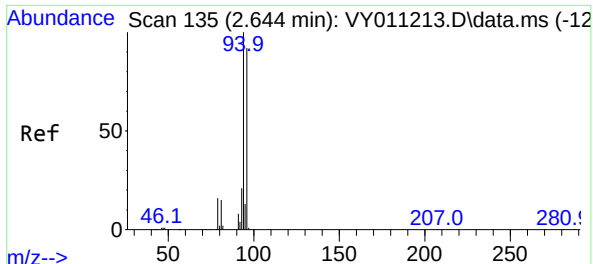
Tgt Ion: 50 Resp: 91184  
Ion Ratio Lower Upper  
50 100  
52 33.0 24.6 37.0



#4  
Vinyl Chloride  
Concen: 44.848 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 62 Resp: 105140  
Ion Ratio Lower Upper  
62 100  
64 30.9 25.0 37.6

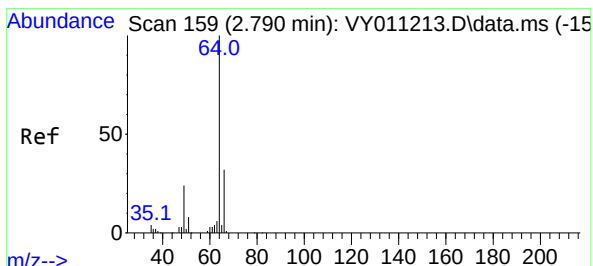
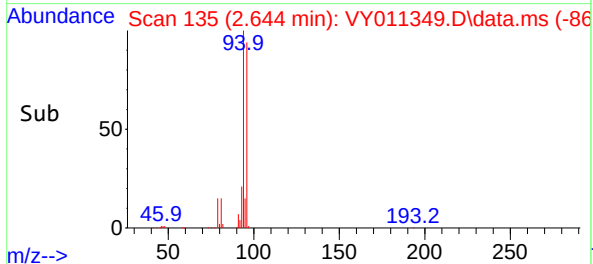
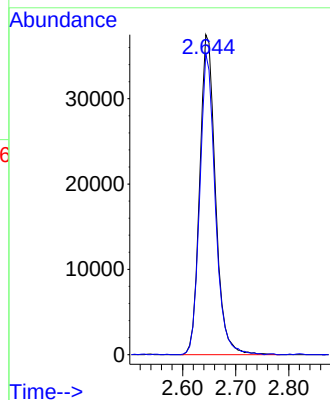
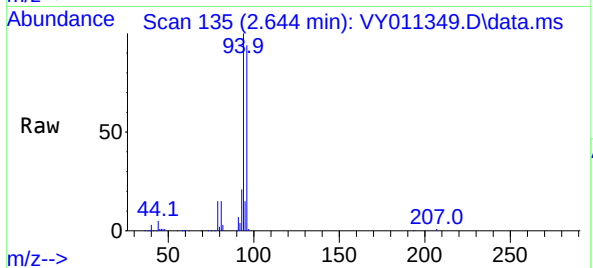




#5  
Bromomethane  
Concen: 49.456 ug/l  
RT: 2.644 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

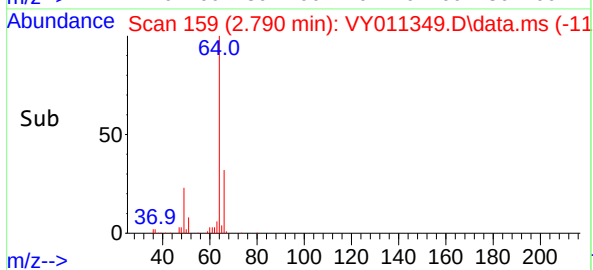
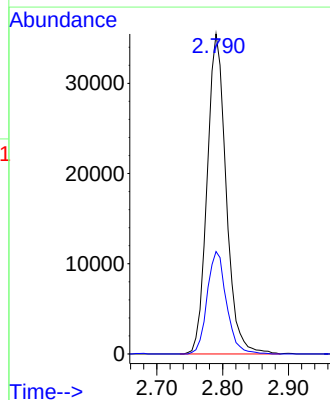
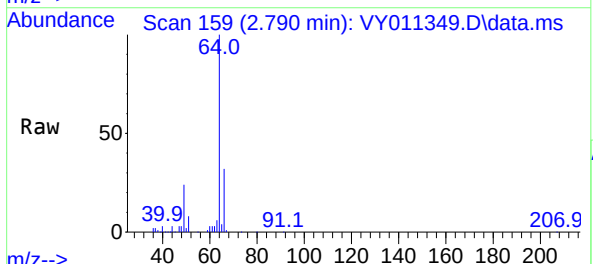
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

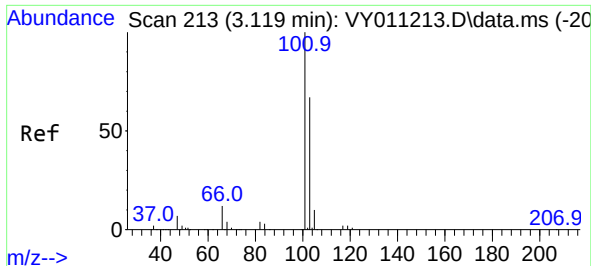
Tgt Ion: 94 Resp: 77351  
Ion Ratio Lower Upper  
94 100  
96 94.0 73.5 110.3



#6  
Chloroethane  
Concen: 47.386 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 64 Resp: 71385  
Ion Ratio Lower Upper  
64 100  
66 32.0 25.4 38.0

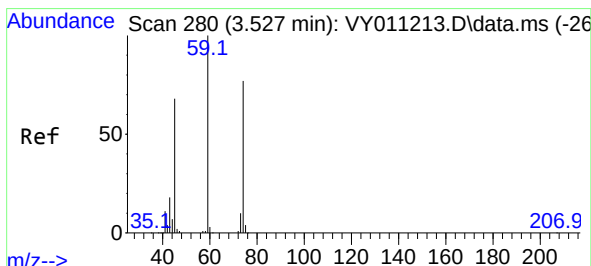
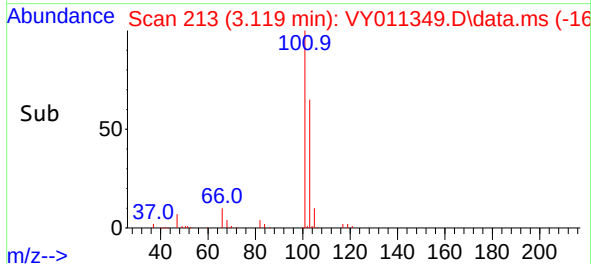
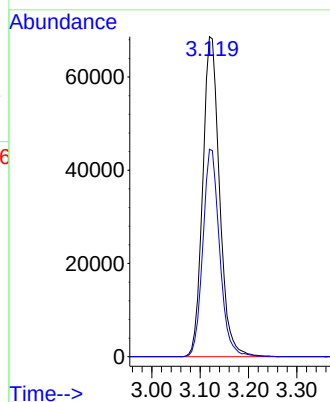
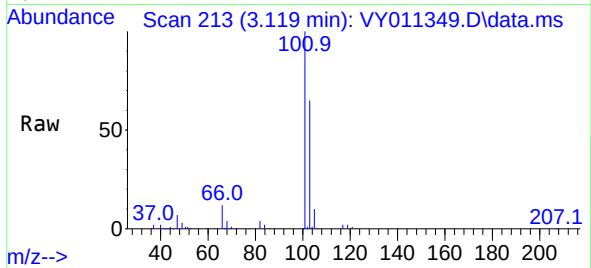




#7  
Trichlorofluoromethane  
Concen: 47.945 ug/l  
RT: 3.119 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

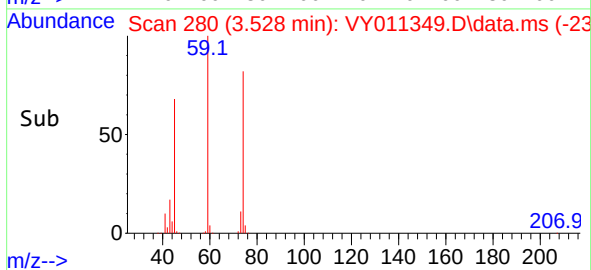
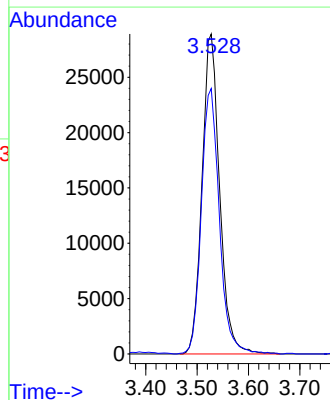
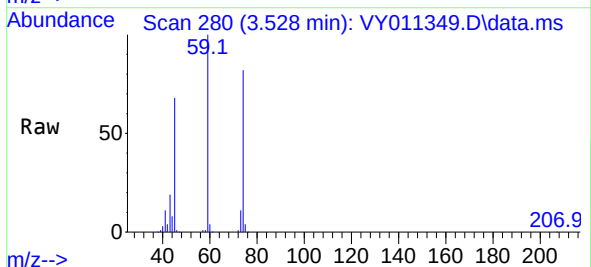
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 166057  
Ion Ratio Lower Upper  
101 100  
103 64.8 48.0 72.0

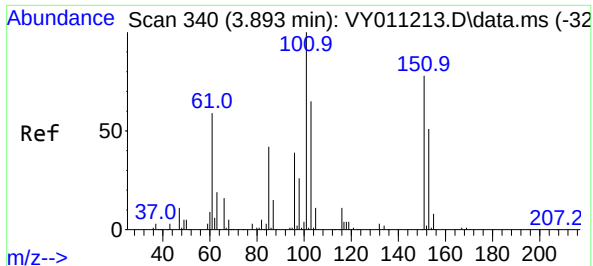


#8  
Diethyl Ether  
Concen: 55.372 ug/l  
RT: 3.528 min Scan# 280  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 74 Resp: 68815  
Ion Ratio Lower Upper  
74 100  
45 85.1 55.1 165.5



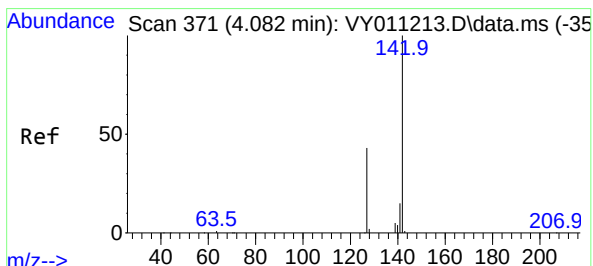
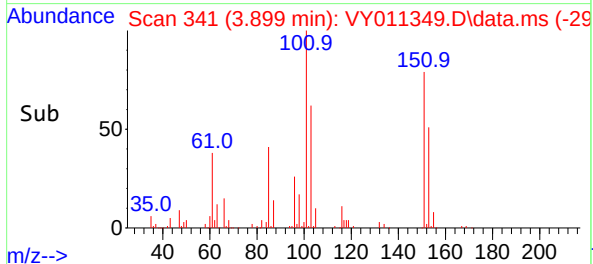
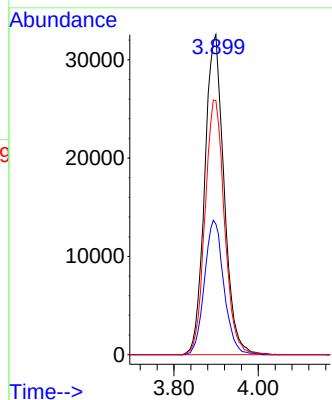
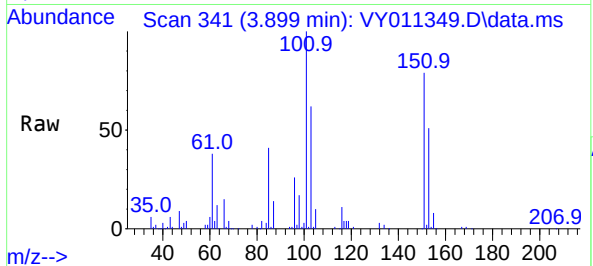




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.824 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

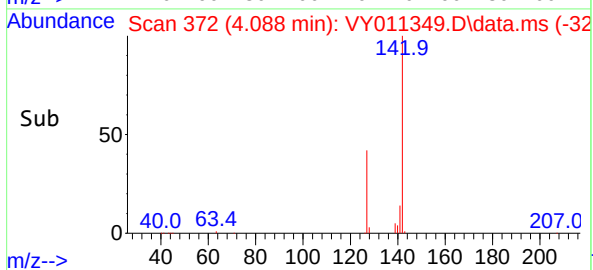
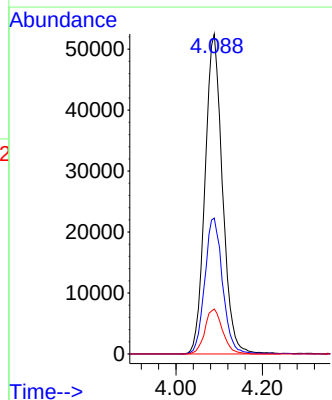
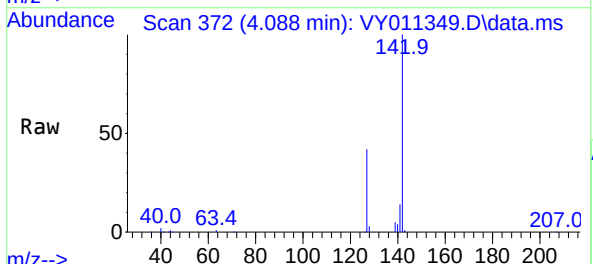
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

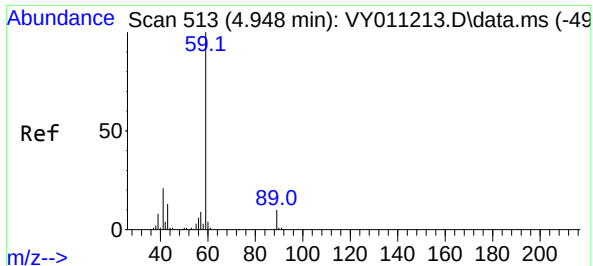
Tgt Ion:101 Resp: 103750  
Ion Ratio Lower Upper  
101 100  
85 42.2 40.6 60.8  
151 80.4 64.9 97.3



#10  
Methyl Iodide  
Concen: 54.779 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion:142 Resp: 146832  
Ion Ratio Lower Upper  
142 100  
127 43.4 41.5 62.3  
141 14.2 11.9 17.9





#11

Tert butyl alcohol

Concen: 305.454 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY011349.D

Acq: 07 Nov 2022 20:34

Instrument :

MSVOA\_Y

ClientSampleId :

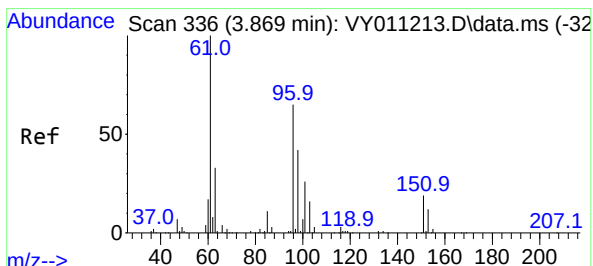
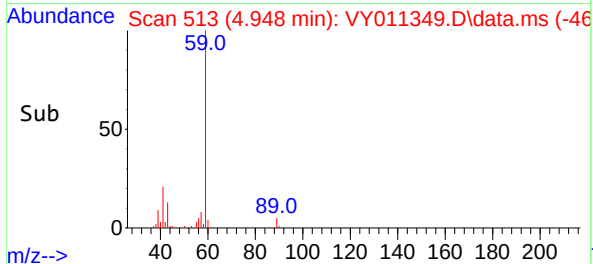
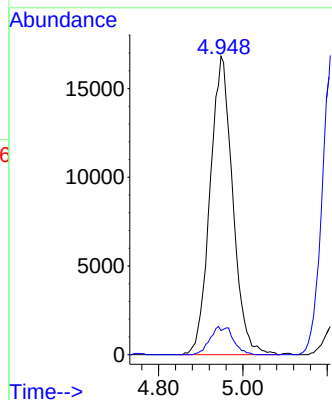
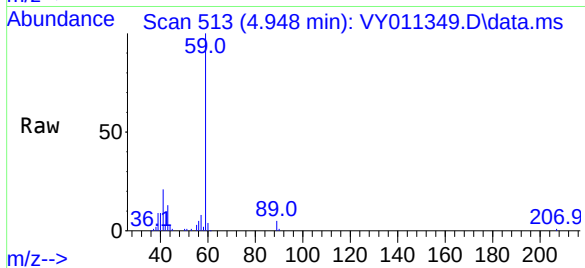
VSTDCCC050EC

Tgt Ion: 59 Resp: 62837

Ion Ratio Lower Upper

59 100

57 4.9 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 49.997 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY011349.D

Acq: 07 Nov 2022 20:34

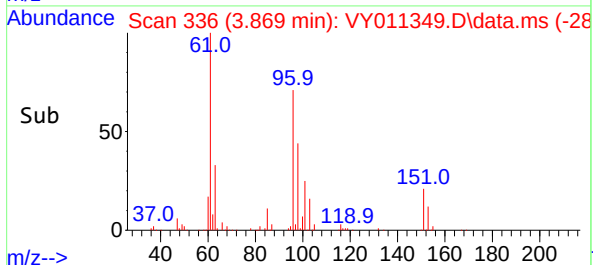
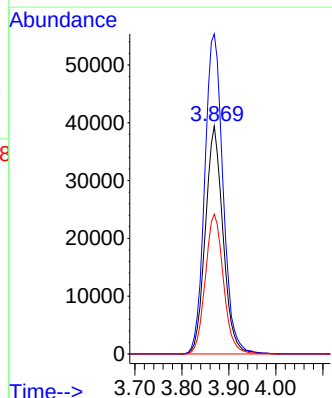
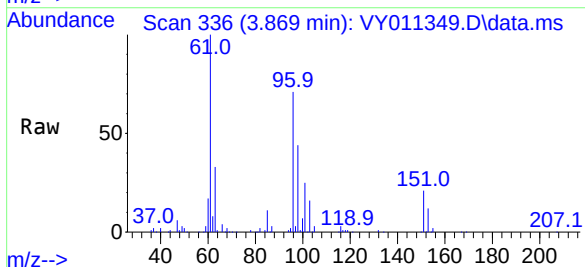
Tgt Ion: 96 Resp: 102934

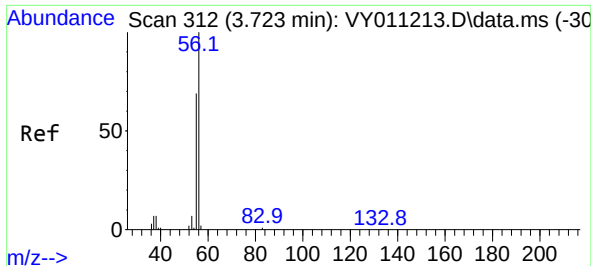
Ion Ratio Lower Upper

96 100

61 140.3 145.8 218.6#

98 61.3 52.5 78.7

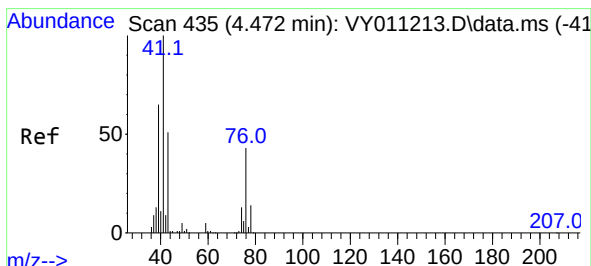
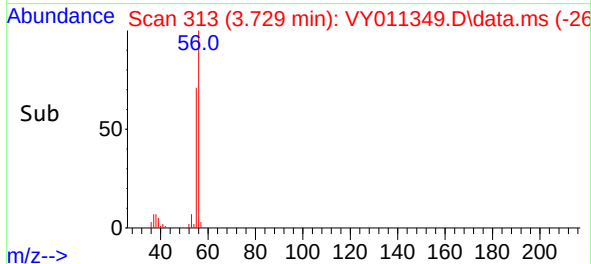
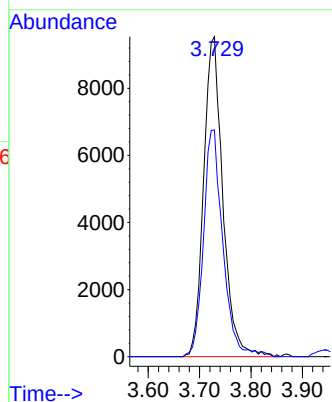
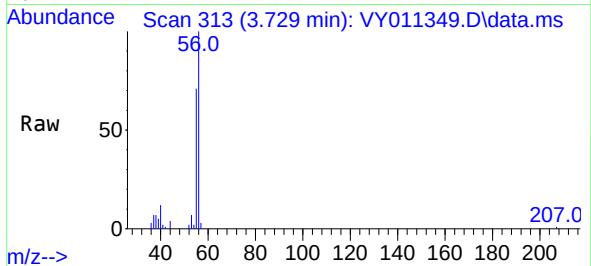




#13  
Acrolein  
Concen: 226.809 ug/l  
RT: 3.729 min Scan# 312  
Delta R.T. 0.006 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

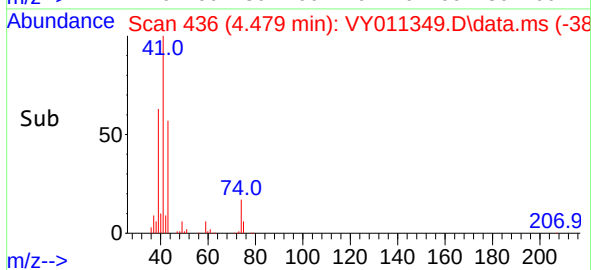
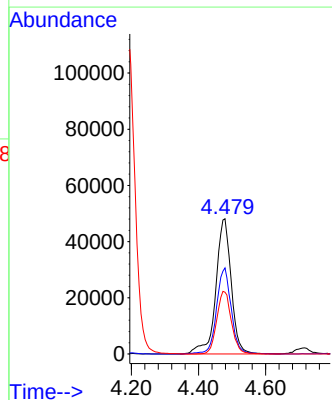
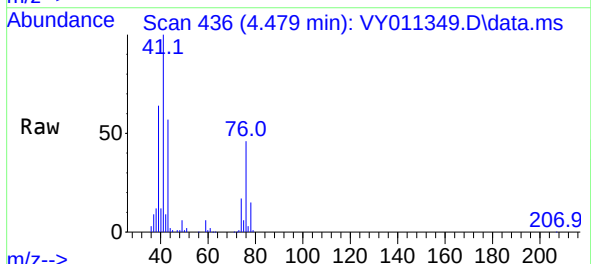
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

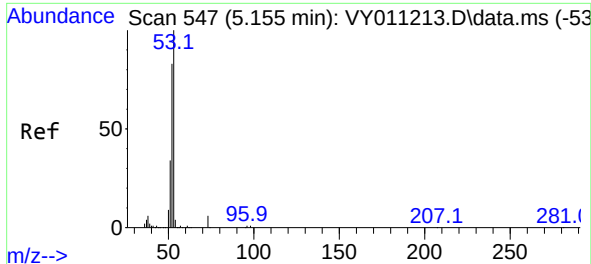
Tgt Ion: 56 Resp: 24718  
Ion Ratio Lower Upper  
56 100  
55 71.6 57.6 86.4



#14  
Allyl chloride  
Concen: 49.243 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.006 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 41 Resp: 153568  
Ion Ratio Lower Upper  
41 100  
39 60.3 58.8 88.2  
76 43.8 25.1 37.7#





#15

Acrylonitrile

Concen: 290.715 ug/l

RT: 5.155 min Scan# 547

Delta R.T. 0.000 min

Lab File: VY011349.D

Acq: 07 Nov 2022 20:34

Instrument :

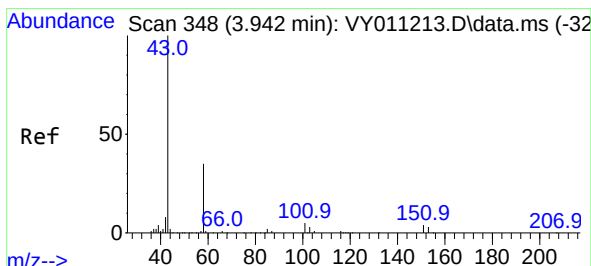
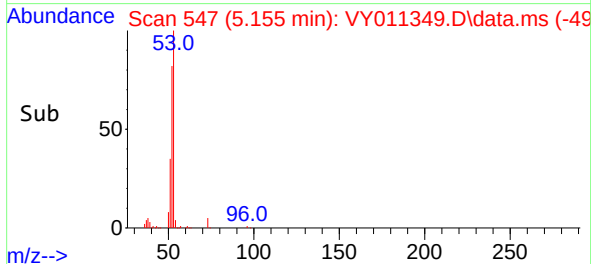
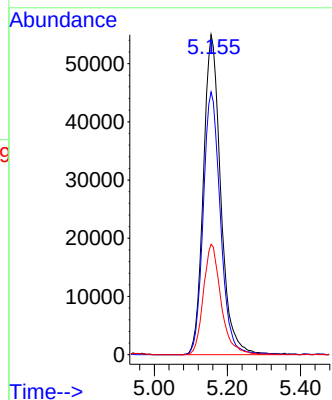
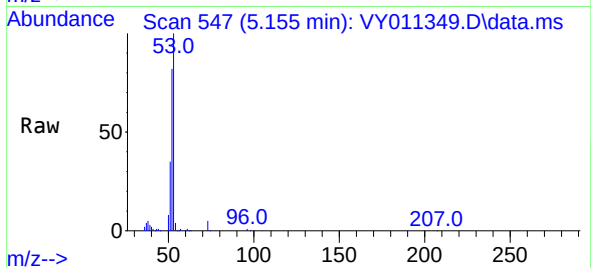
MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 181292

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.1  | 67.0  | 100.4 |
| 51  | 35.2  | 29.8  | 44.6  |



#16

Acetone

Concen: 208.065 ug/l

RT: 3.942 min Scan# 348

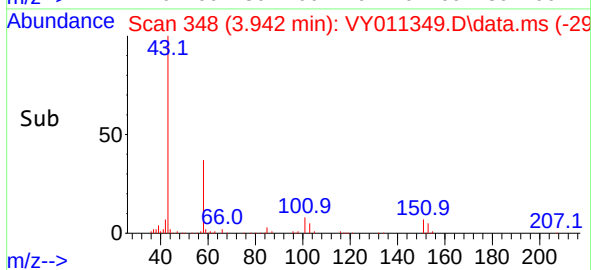
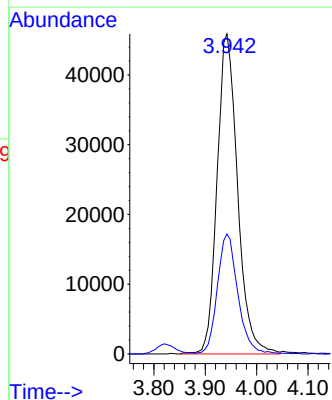
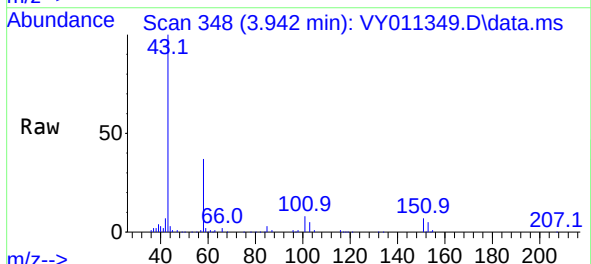
Delta R.T. 0.000 min

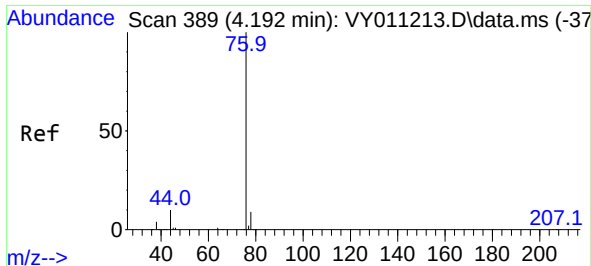
Lab File: VY011349.D

Acq: 07 Nov 2022 20:34

Tgt Ion: 43 Resp: 127136

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 37.2  | 22.0  | 33.0# |

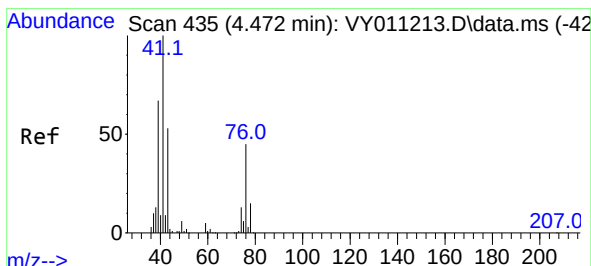
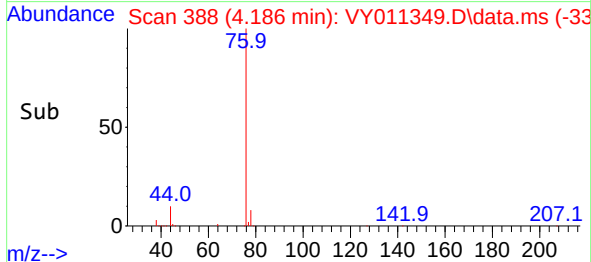
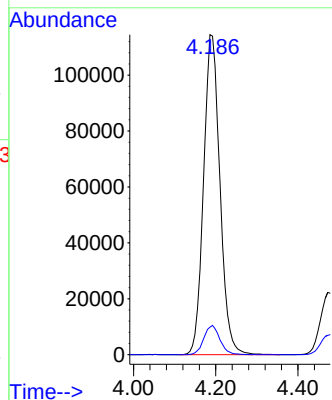
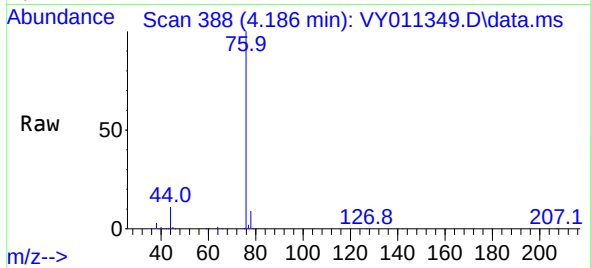




#17  
Carbon Disulfide  
Concen: 46.778 ug/l  
RT: 4.186 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

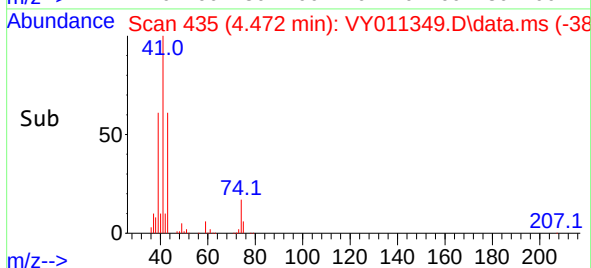
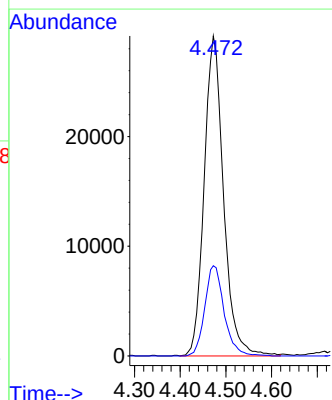
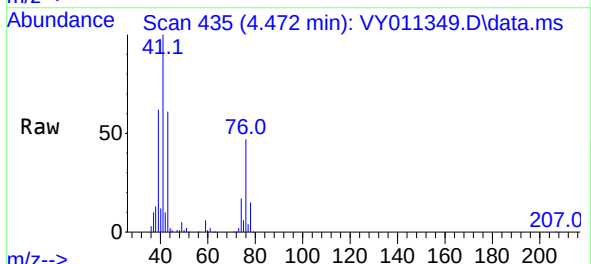
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

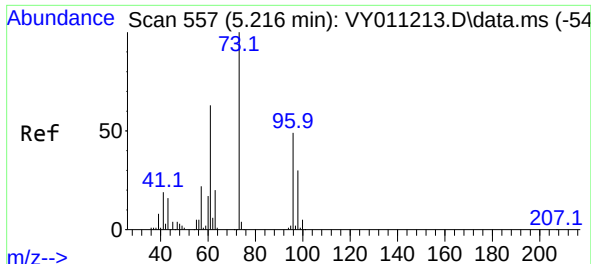
Tgt Ion: 76 Resp: 316313  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.4 11.0



#18  
Methyl Acetate  
Concen: 53.098 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.001 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 43 Resp: 85897  
Ion Ratio Lower Upper  
43 100  
74 28.2 16.6 24.8#

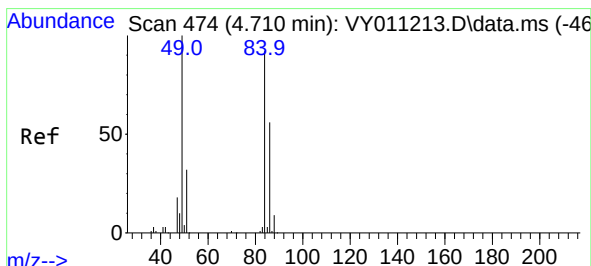
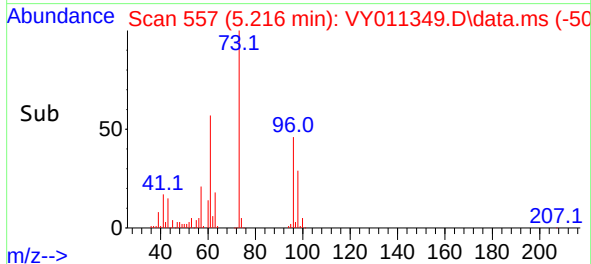
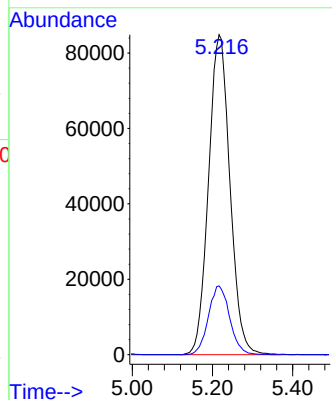
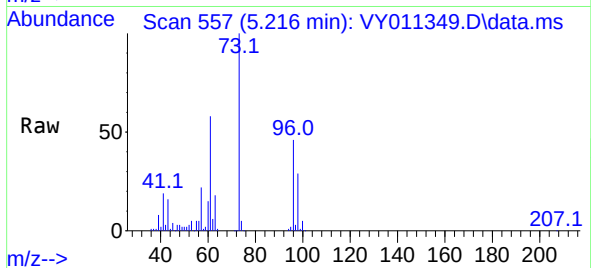




#19  
Methyl tert-butyl Ether  
Concen: 57.491 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

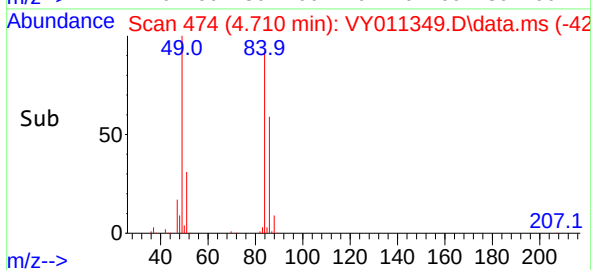
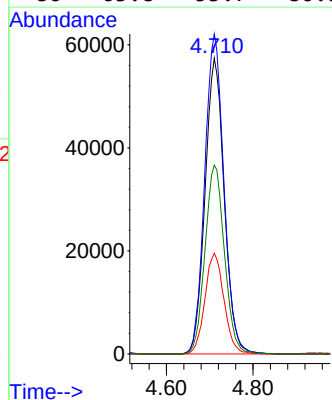
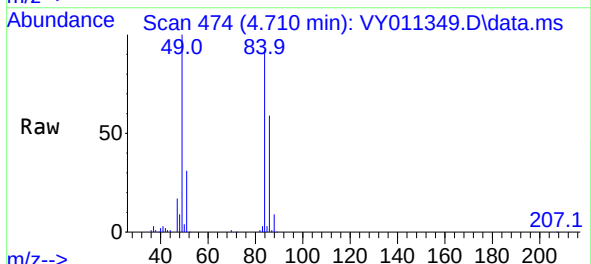
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

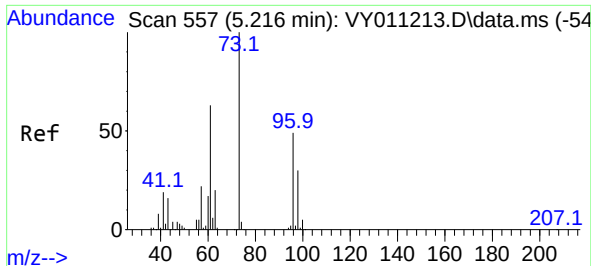
Tgt Ion: 73 Resp: 314527  
Ion Ratio Lower Upper  
73 100  
57 21.5 18.6 27.8



#20  
Methylene Chloride  
Concen: 73.067 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 84 Resp: 176792  
Ion Ratio Lower Upper  
84 100  
49 108.2 114.4 171.6#  
51 34.0 35.3 52.9#  
86 63.8 53.7 80.5

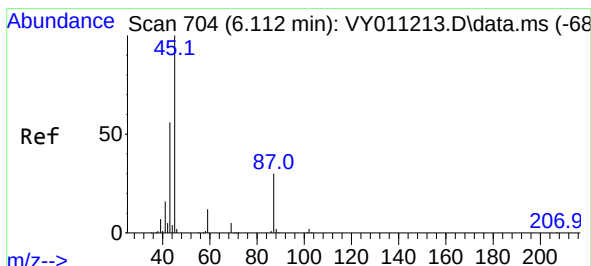
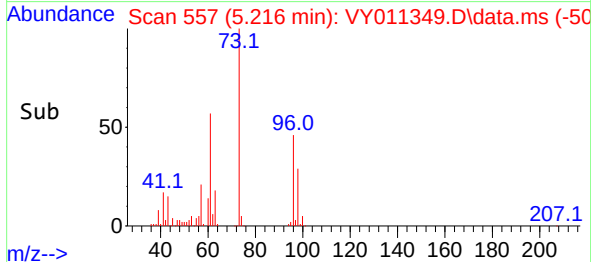
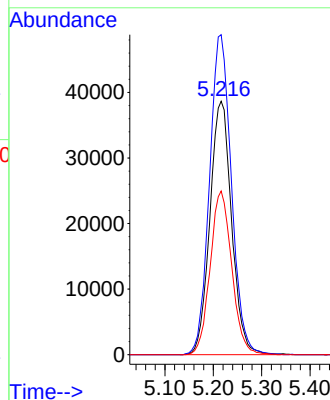
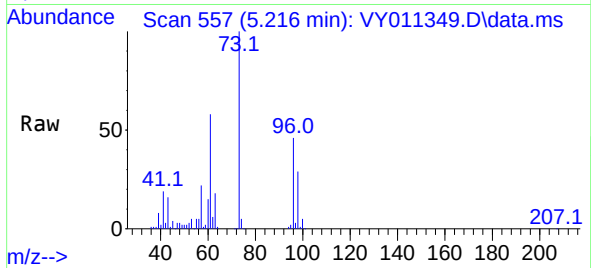




#21  
trans-1,2-Dichloroethene  
Concen: 51.551 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

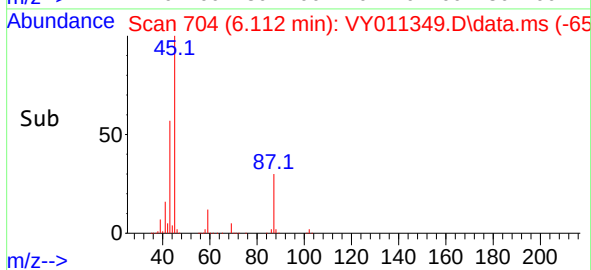
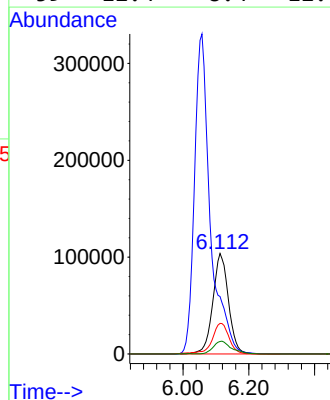
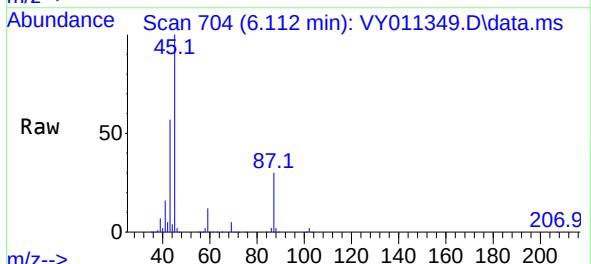
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

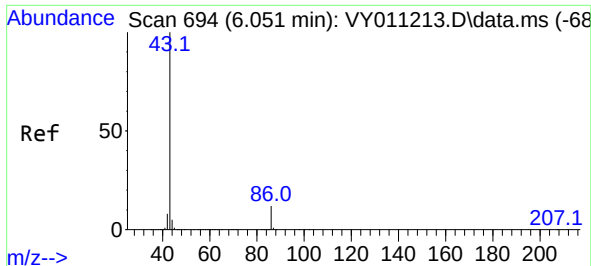
Tgt Ion: 96 Resp: 120713  
Ion Ratio Lower Upper  
96 100  
61 126.2 120.5 180.7  
98 64.6 49.8 74.8



#22  
Diisopropyl ether  
Concen: 52.909 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 45 Resp: 342097  
Ion Ratio Lower Upper  
45 100  
43 57.0 49.3 73.9  
87 30.4 19.2 28.8#  
59 12.4 8.4 12.6

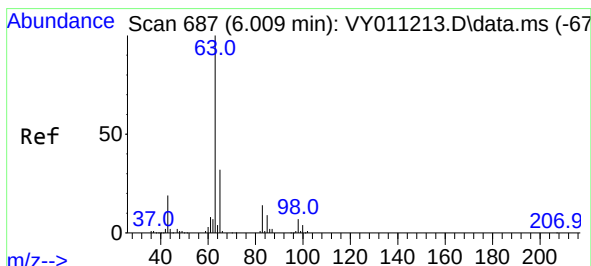
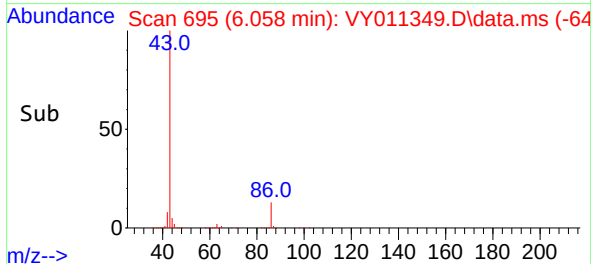
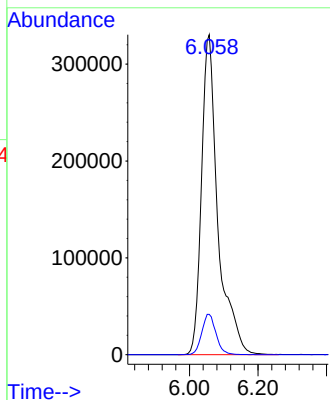
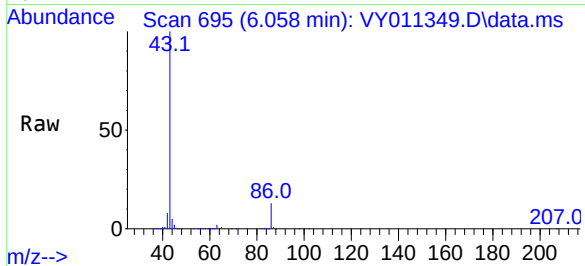




#23  
 Vinyl Acetate  
 Concen: 278.551 ug/l  
 RT: 6.058 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: VY011349.D  
 Acq: 07 Nov 2022 20:34

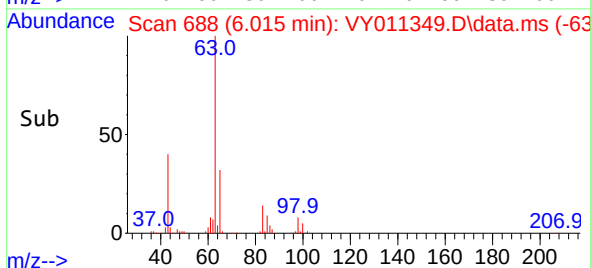
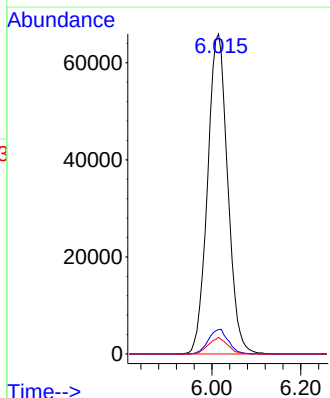
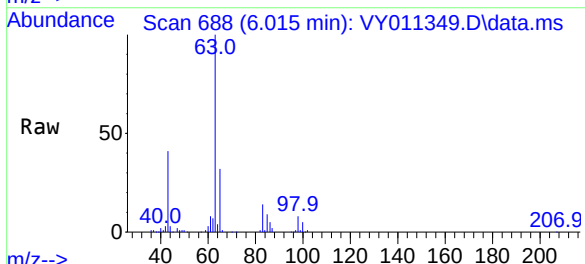
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1099276  
 Ion Ratio Lower Upper  
 43 100  
 86 12.6 7.1 10.7#

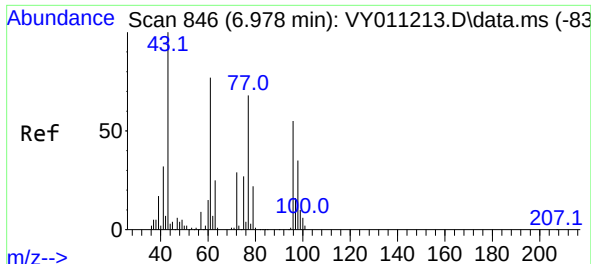


#24  
 1,1-Dichloroethane  
 Concen: 51.255 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY011349.D  
 Acq: 07 Nov 2022 20:34

Tgt Ion: 63 Resp: 207539  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.6 10.8  
 100 5.2 2.0 5.8



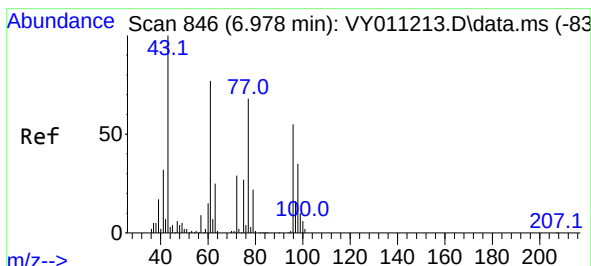
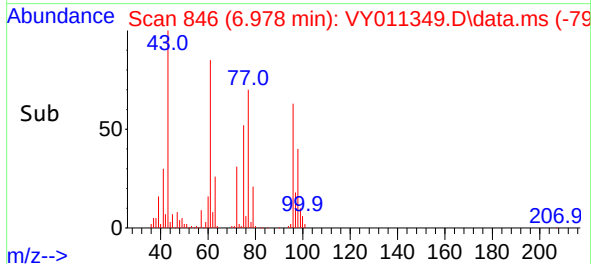
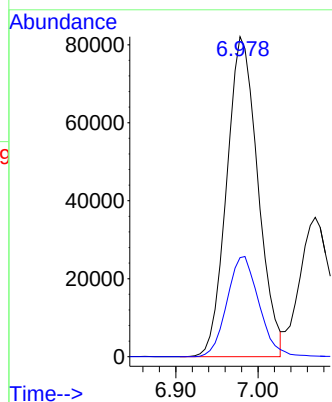
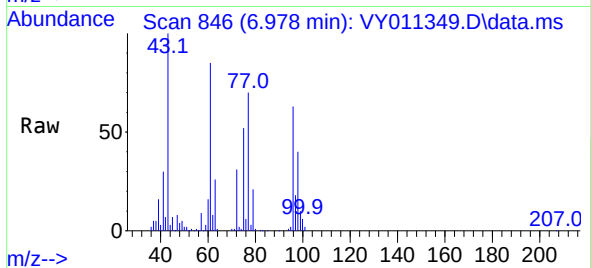




#25  
2-Butanone  
Concen: 252.113 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

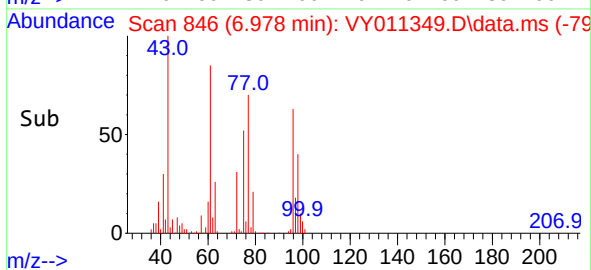
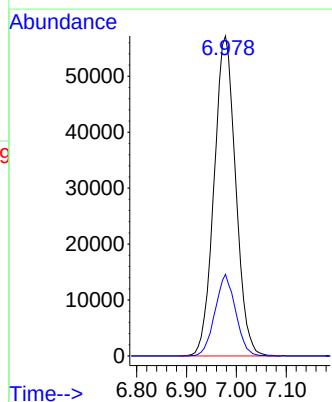
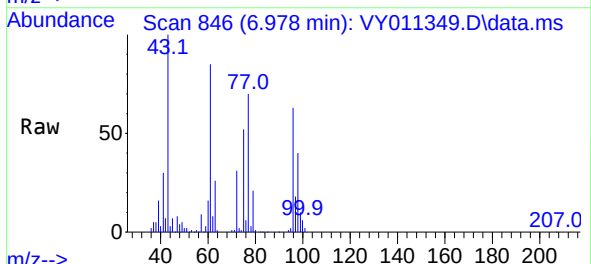
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

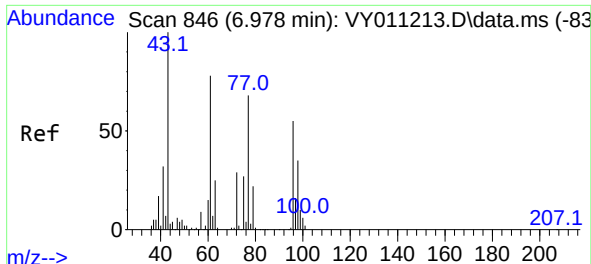
Tgt Ion: 43 Resp: 216757  
Ion Ratio Lower Upper  
43 100  
72 31.0 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 46.447 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 77 Resp: 171966  
Ion Ratio Lower Upper  
77 100  
97 24.3 10.4 31.4



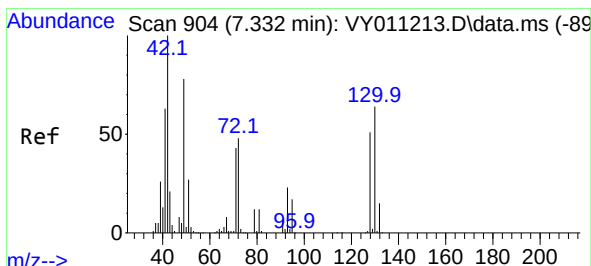
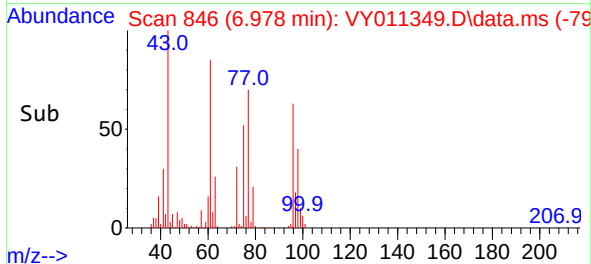
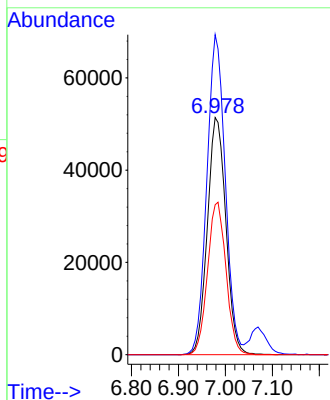
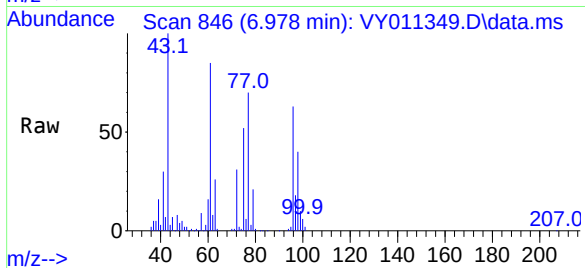


#27  
 cis-1,2-Dichloroethene  
 Concen: 54.514 ug/l  
 RT: 6.978 min Scan# 846  
 Delta R.T. 0.000 min  
 Lab File: VY011349.D  
 Acq: 07 Nov 2022 20:34

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 96 Resp: 140656  

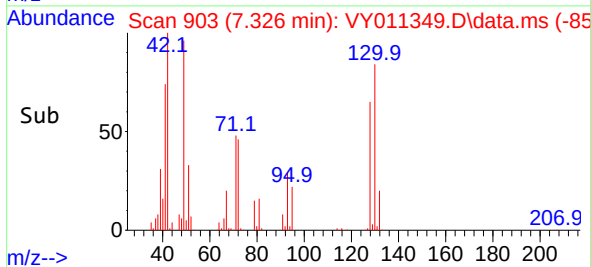
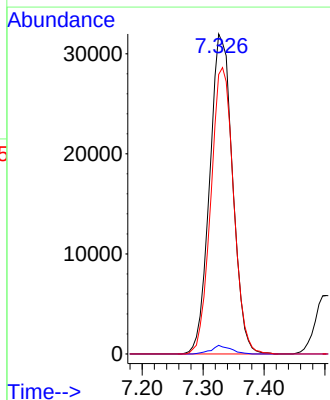
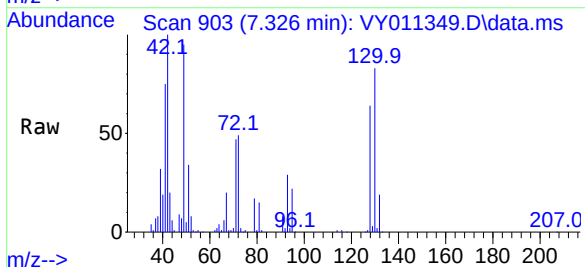
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 134.1 | 0.0   | 319.8 |
| 98  | 64.1  | 0.0   | 127.0 |

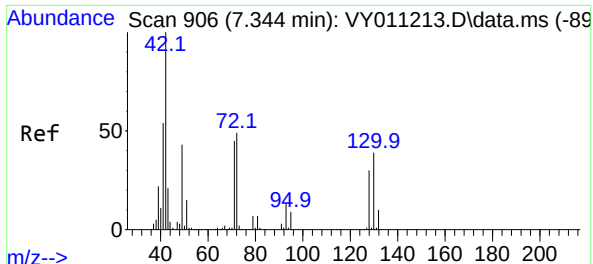


#28  
 Bromochloromethane  
 Concen: 53.712 ug/l  
 RT: 7.326 min Scan# 903  
 Delta R.T. -0.006 min  
 Lab File: VY011349.D  
 Acq: 07 Nov 2022 20:34

Tgt Ion: 49 Resp: 83541  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.3   | 0.0   | 2.2#  |
| 130 | 88.8  | 55.4  | 83.0# |

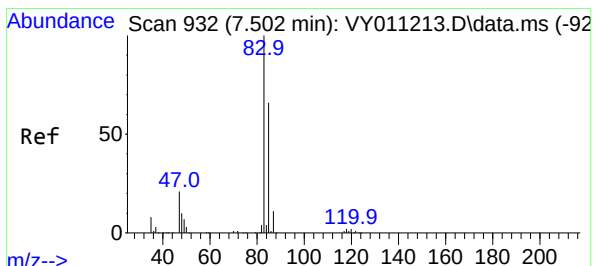
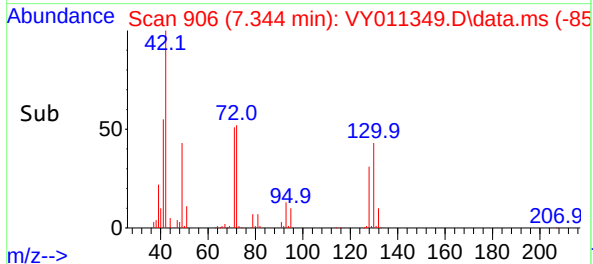
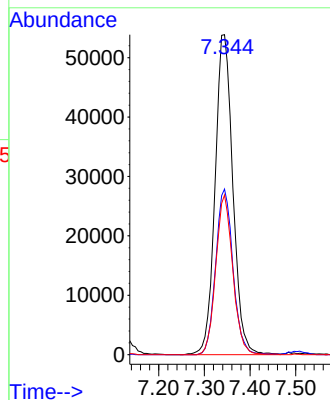
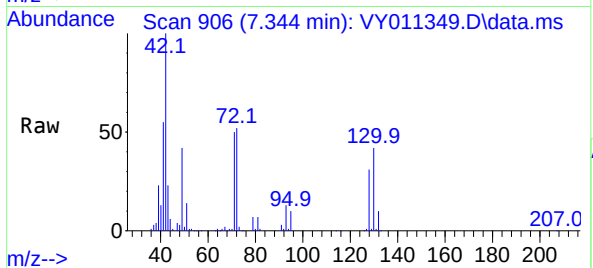




#29  
Tetrahydrofuran  
Concen: 291.460 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

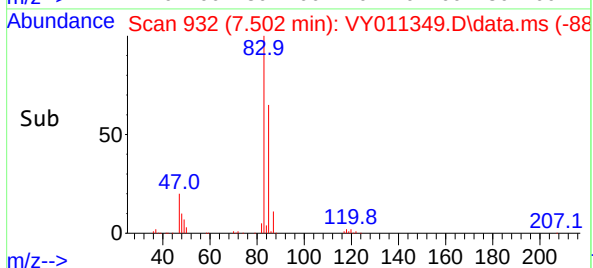
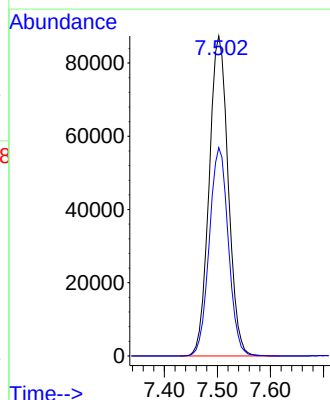
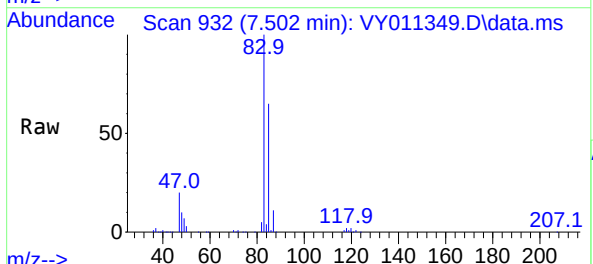
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

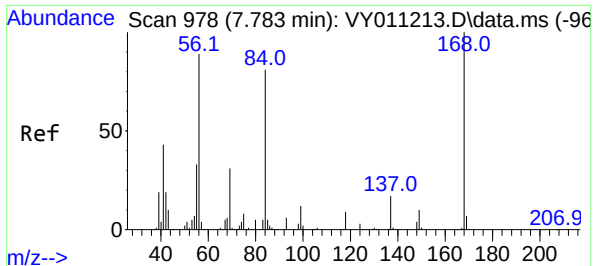
Tgt Ion: 42 Resp: 145881  
Ion Ratio Lower Upper  
42 100  
72 50.3 30.3 45.5#  
71 47.5 29.0 43.4#



#30  
Chloroform  
Concen: 53.365 ug/l  
RT: 7.502 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

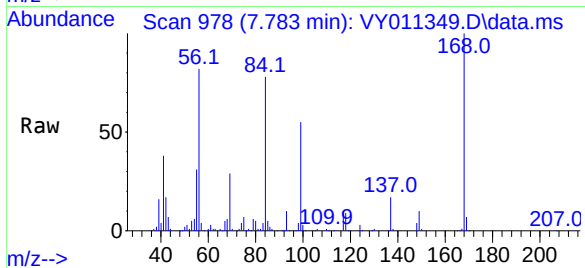
Tgt Ion: 83 Resp: 218238  
Ion Ratio Lower Upper  
83 100  
85 65.1 51.8 77.6



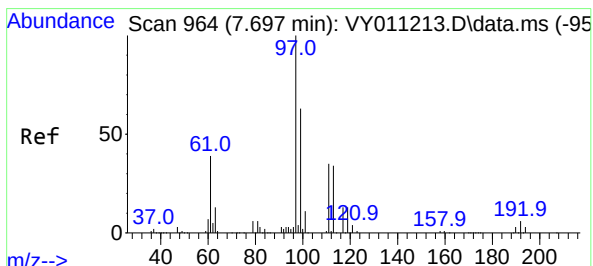
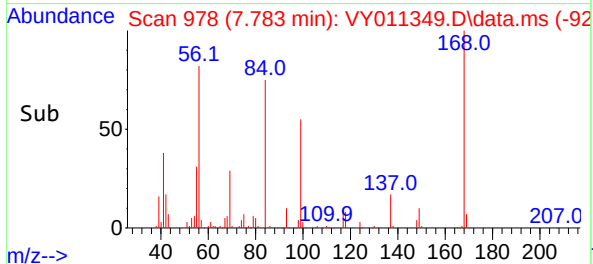
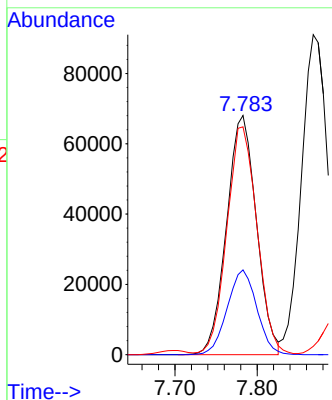


#31  
Cyclohexane  
Concen: 45.819 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

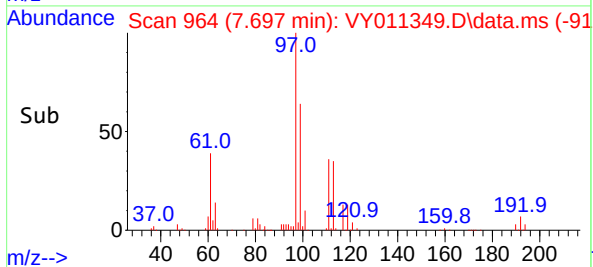
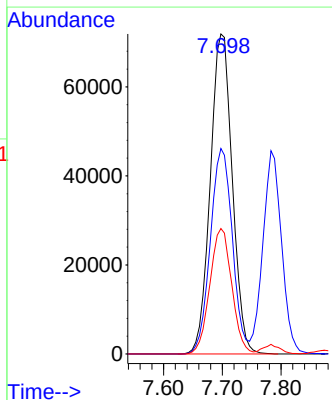
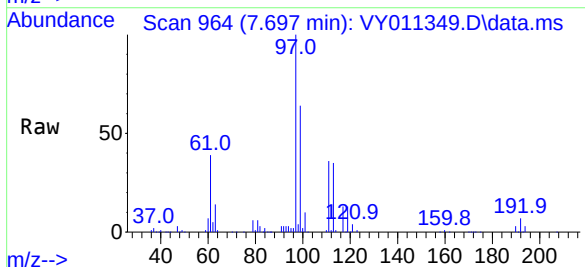


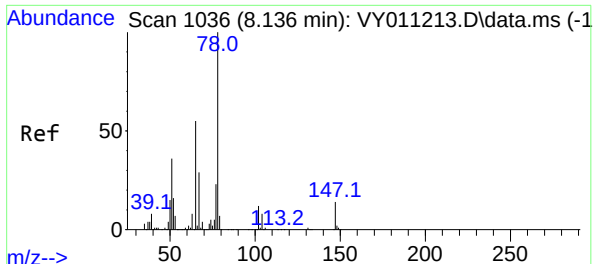
Tgt Ion: 56 Resp: 171909  
Ion Ratio Lower Upper  
56 100  
69 35.5 26.7 40.1  
84 93.6 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 51.502 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.001 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 97 Resp: 186812  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.7 76.1  
61 39.1 37.6 56.4

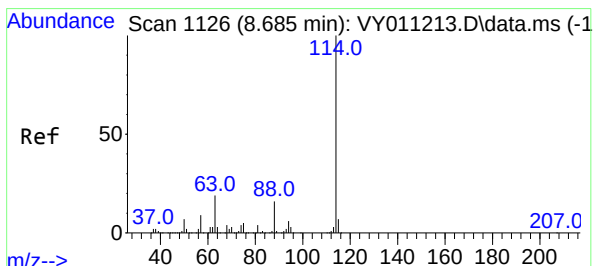
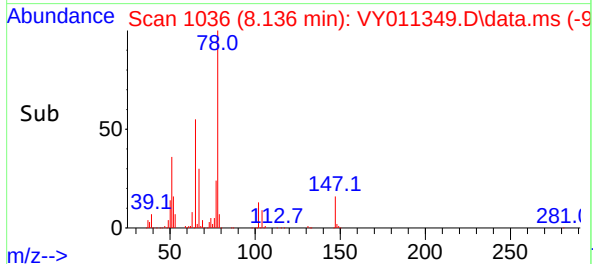
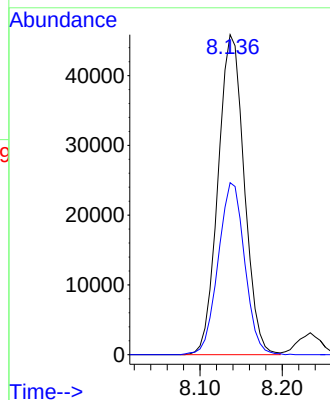
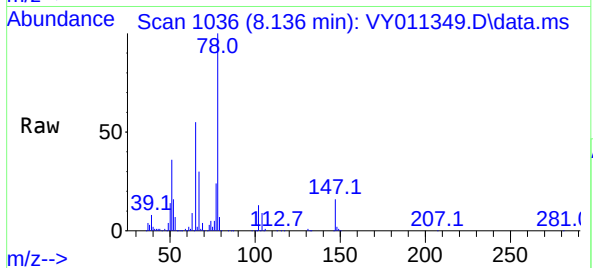




#33  
1,2-Dichloroethane-d4  
Concen: 50.199 ug/l  
RT: 8.136 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

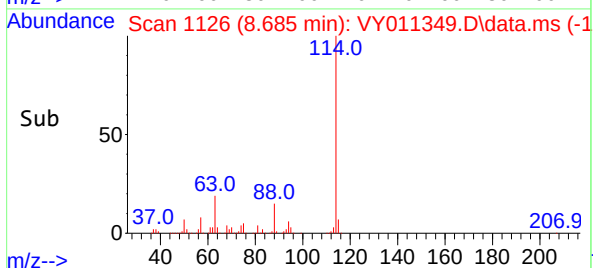
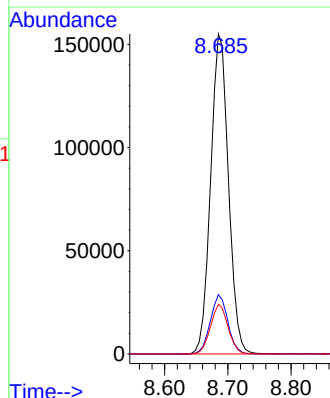
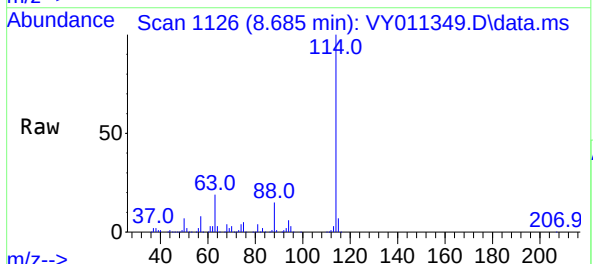
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

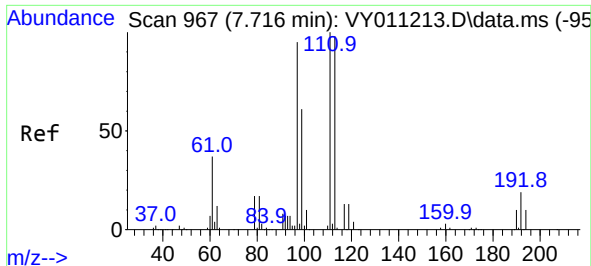
Tgt Ion: 65 Resp: 101614  
Ion Ratio Lower Upper  
65 100  
67 54.4 0.0 99.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.685 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 114 Resp: 303107  
Ion Ratio Lower Upper  
114 100  
63 18.6 0.0 43.2  
88 15.5 0.0 31.8

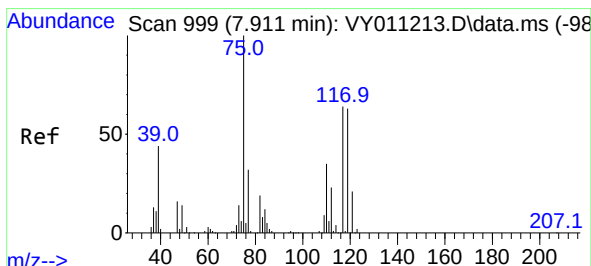
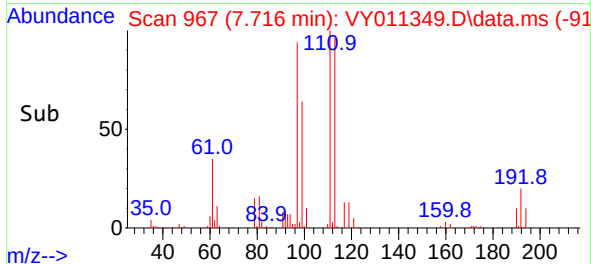
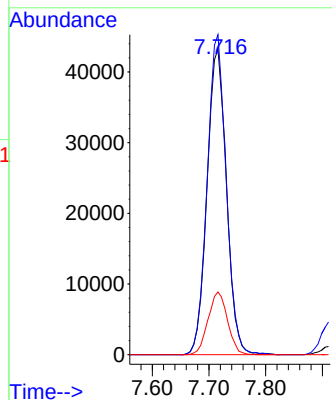
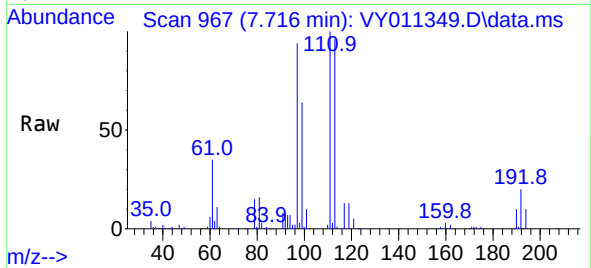




#35  
Dibromofluoromethane  
Concen: 52.972 ug/l  
RT: 7.716 min Scan# 901  
Delta R.T. 0.006 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

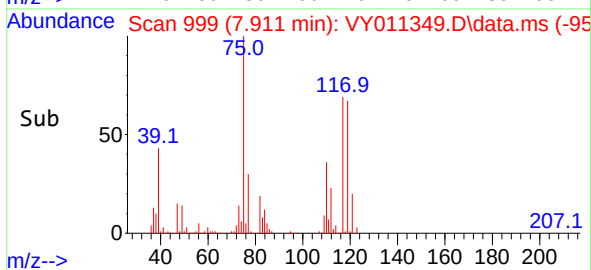
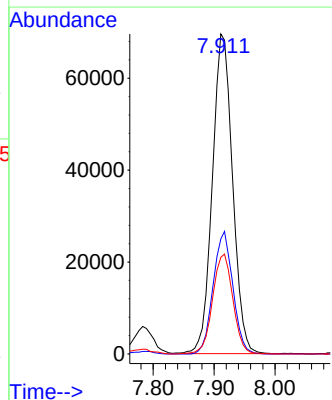
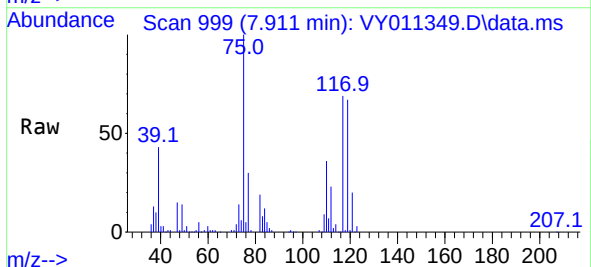
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

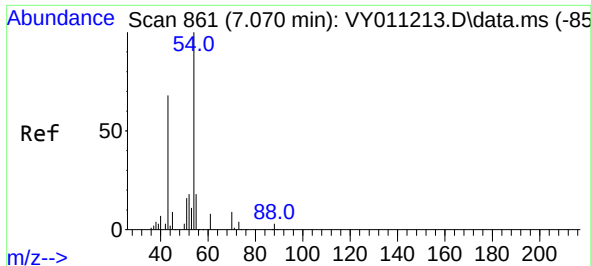
Tgt Ion:113 Resp: 103160  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.6 124.0  
192 20.5 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 50.464 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.006 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 75 Resp: 160492  
Ion Ratio Lower Upper  
75 100  
110 37.3 17.1 51.2  
77 31.4 24.4 36.6

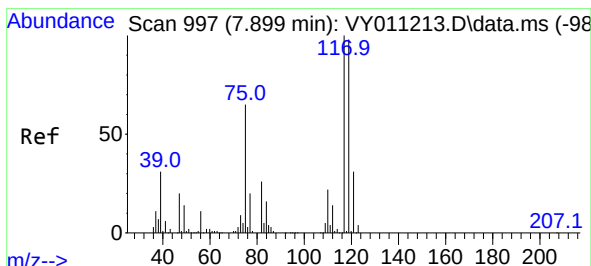
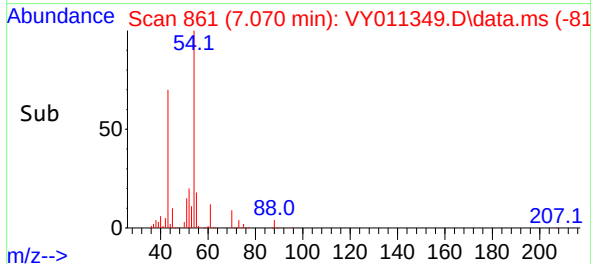
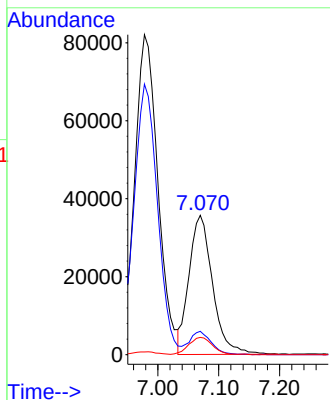
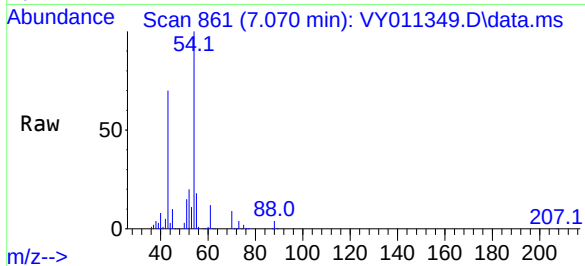




#37  
Ethyl Acetate  
Concen: 56.030 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

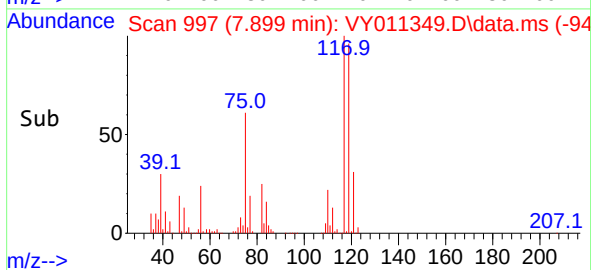
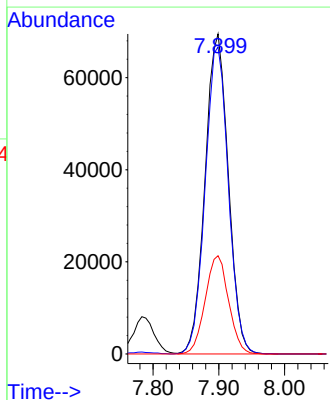
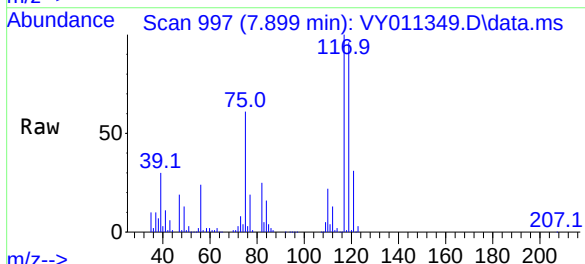
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

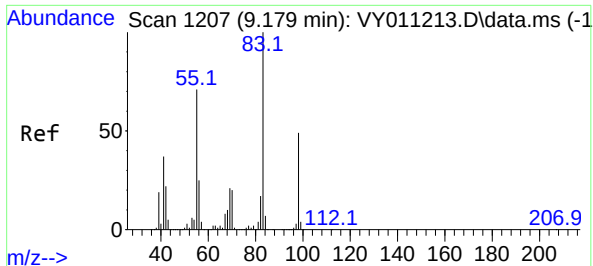
Tgt Ion: 43 Resp: 96059  
Ion Ratio Lower Upper  
43 100  
61 15.5 9.7 14.5#  
70 12.1 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 51.861 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 117 Resp: 171111  
Ion Ratio Lower Upper  
117 100  
119 95.9 77.9 116.9  
121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 50.885 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011349.D

Acq: 07 Nov 2022 20:34

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

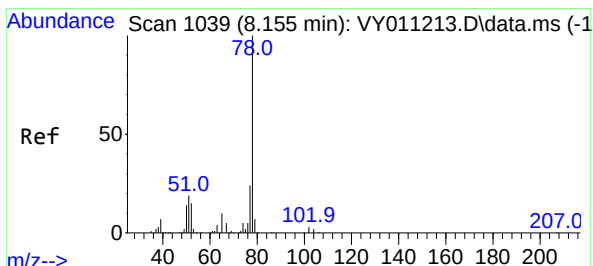
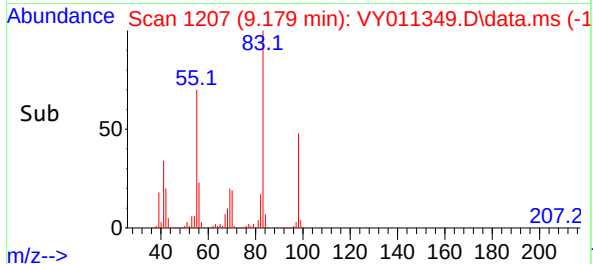
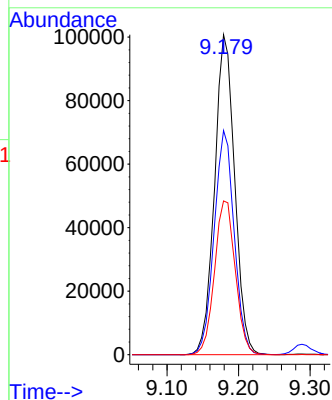
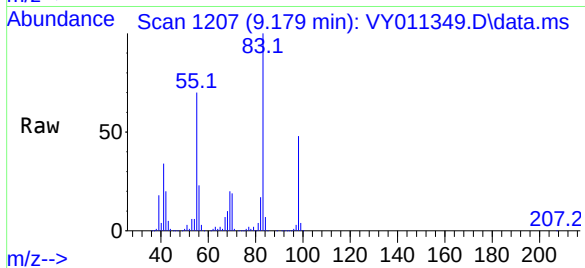
Tgt Ion: 83 Resp: 196878

Ion Ratio Lower Upper

83 100

55 70.0 66.5 99.7

98 48.0 37.9 56.9



#40

Benzene

Concen: 52.926 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY011349.D

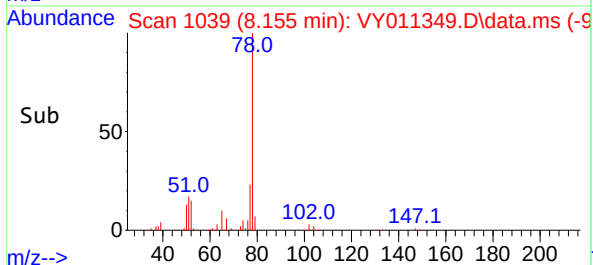
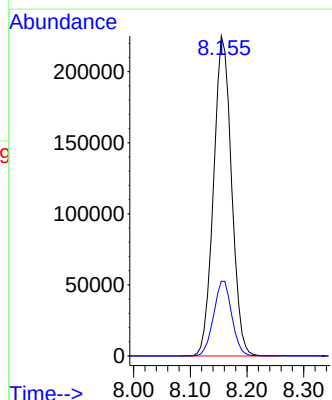
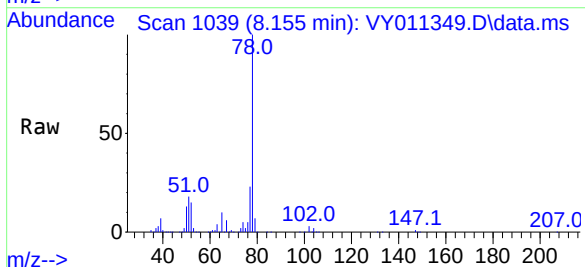
Acq: 07 Nov 2022 20:34

Tgt Ion: 78 Resp: 494695

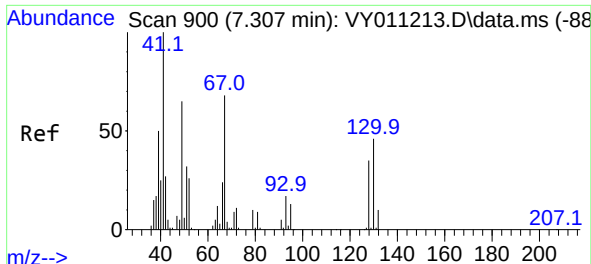
Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6



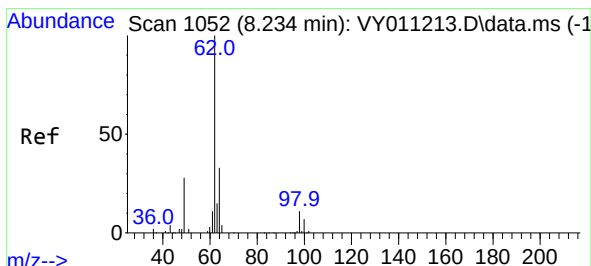
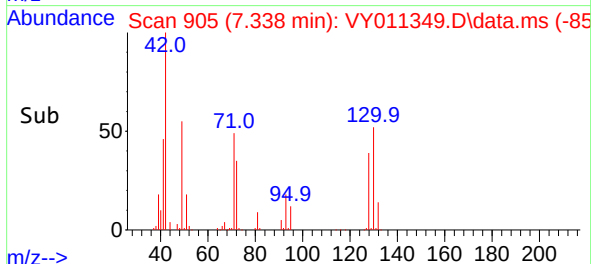
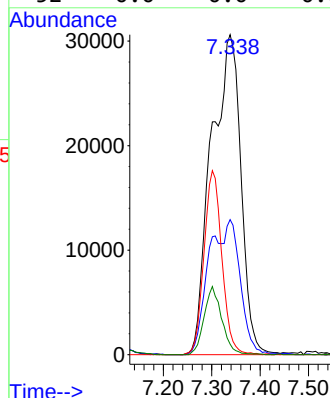
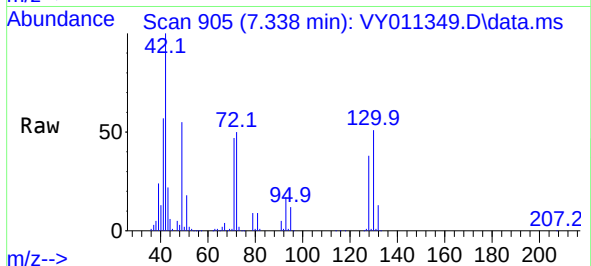




#41  
Methacrylonitrile  
Concen: 139.545 ug/l  
RT: 7.338 min Scan# 900  
Delta R.T. 0.031 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

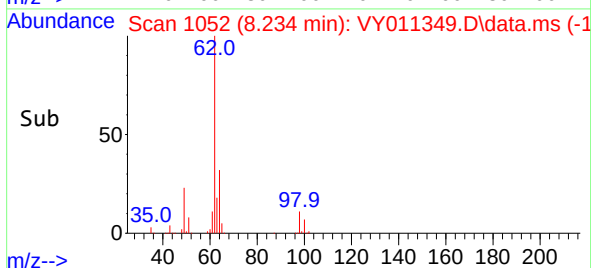
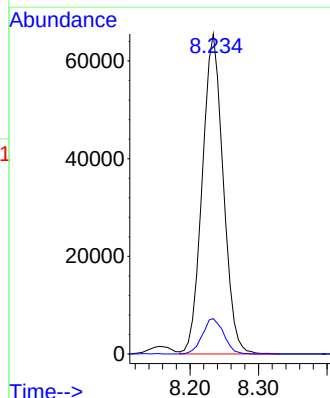
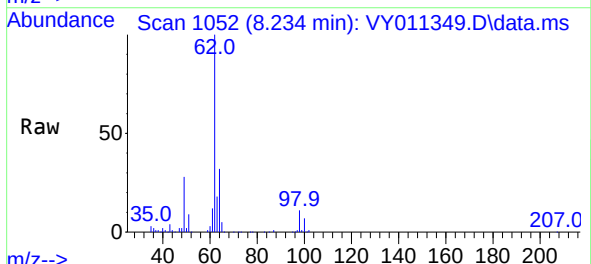
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

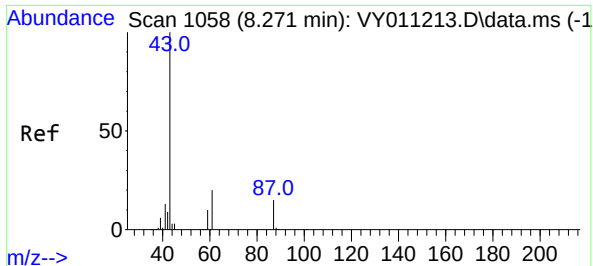
Tgt Ion: 41 Resp: 129992  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 54.945 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 62 Resp: 139459  
Ion Ratio Lower Upper  
62 100  
98 11.2 0.0 14.8

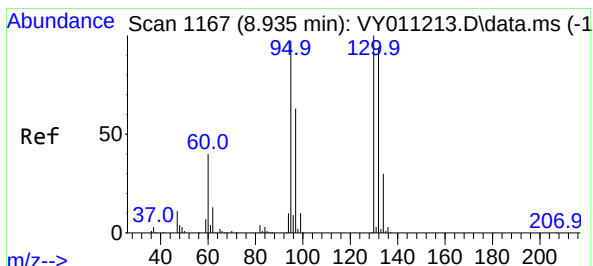
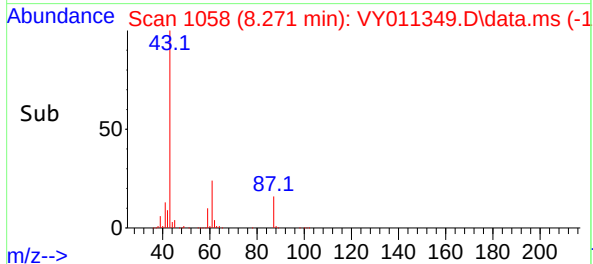
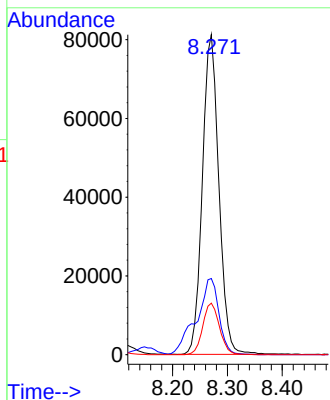
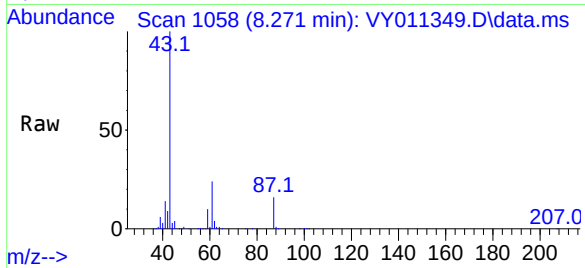




#43  
Isopropyl Acetate  
Concen: 56.015 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

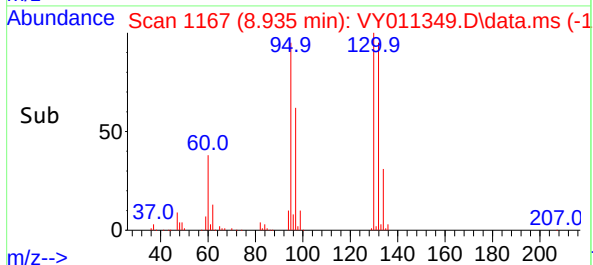
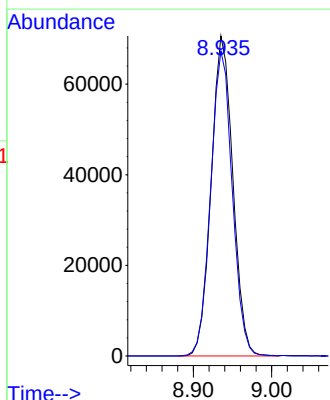
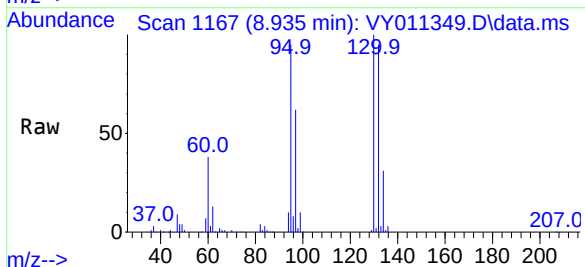
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

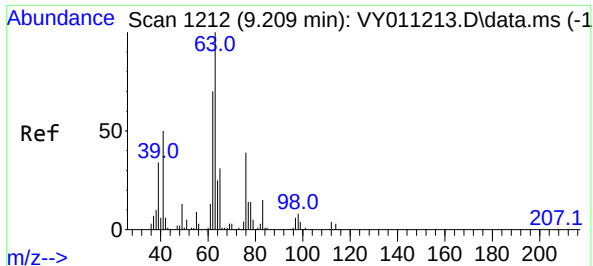
Tgt Ion: 43 Resp: 169195  
Ion Ratio Lower Upper  
43 100  
61 32.8 20.2 30.2#  
87 16.3 8.9 13.3#



#44  
Trichloroethene  
Concen: 54.275 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion:130 Resp: 135765  
Ion Ratio Lower Upper  
130 100  
95 95.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.225 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY011349.D

Acq: 07 Nov 2022 20:34

Instrument :

MSVOA\_Y

ClientSampleId :

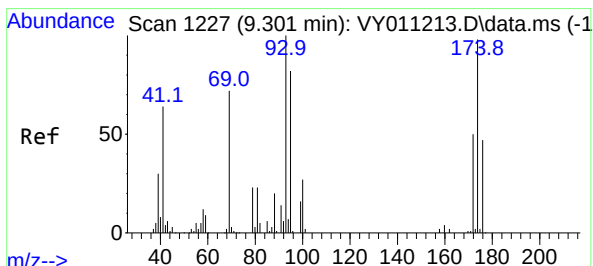
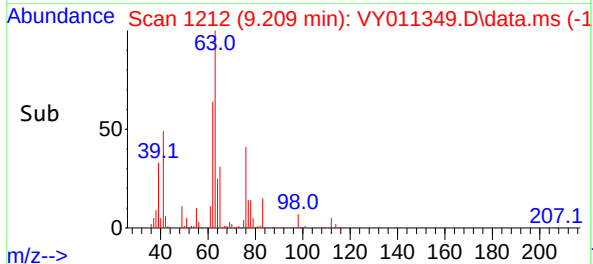
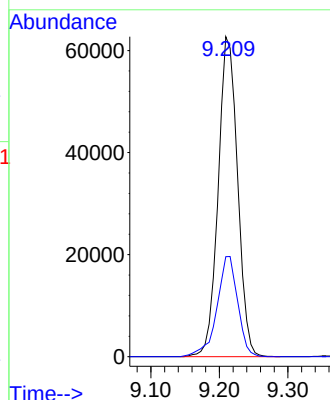
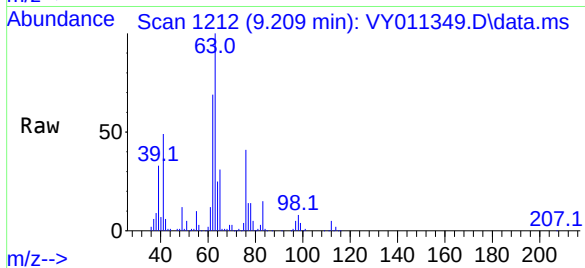
VSTDCCC050EC

Tgt Ion: 63 Resp: 122992

Ion Ratio Lower Upper

63 100

65 31.2 23.0 34.6



#46

Dibromomethane

Concen: 57.408 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011349.D

Acq: 07 Nov 2022 20:34

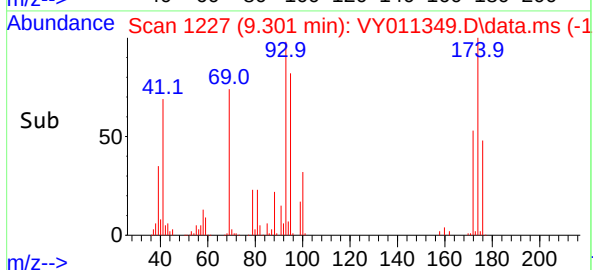
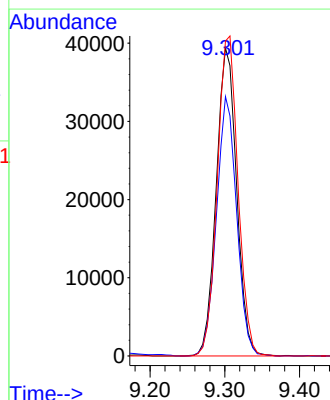
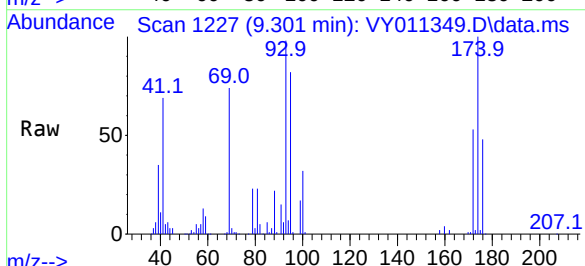
Tgt Ion: 93 Resp: 74953

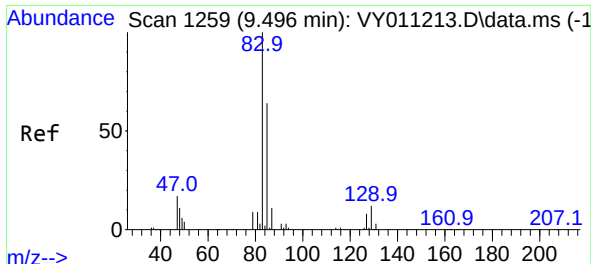
Ion Ratio Lower Upper

93 100

95 83.3 64.3 96.5

174 105.3 83.4 125.0

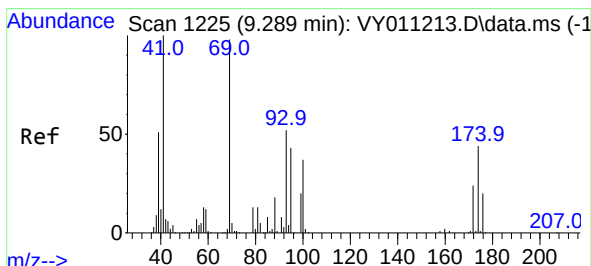
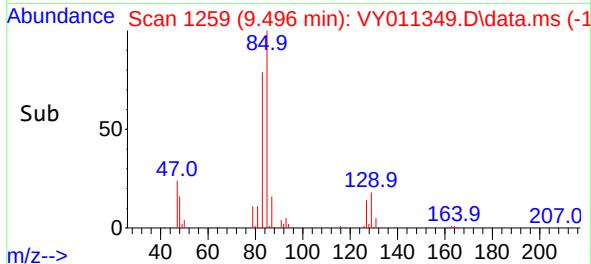
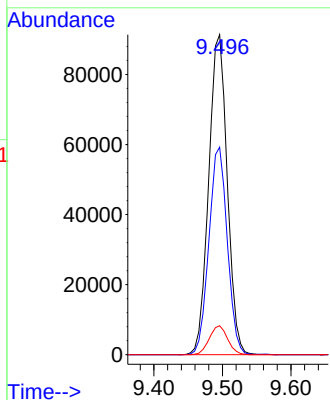
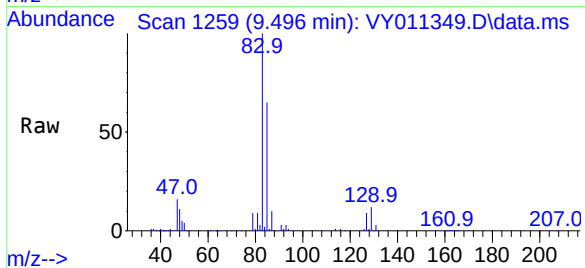




#47  
Bromodichloromethane  
Concen: 55.527 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

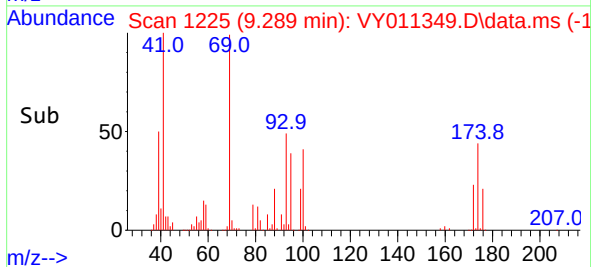
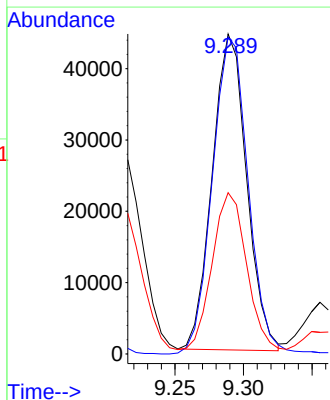
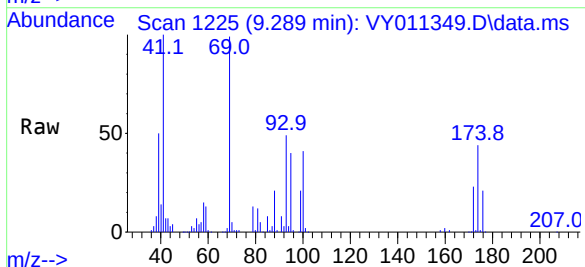
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

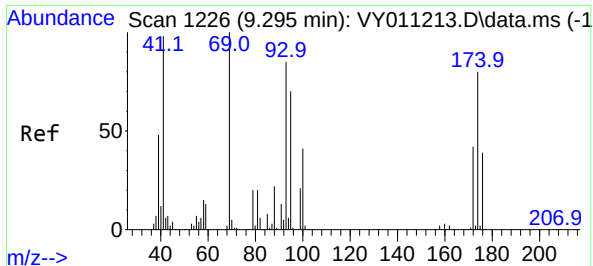
Tgt Ion: 83 Resp: 171858  
Ion Ratio Lower Upper  
83 100  
85 64.8 51.9 77.9  
127 9.1 6.6 10.0



#48  
Methyl methacrylate  
Concen: 55.714 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 41 Resp: 77297  
Ion Ratio Lower Upper  
41 100  
69 104.8 58.2 87.2#  
39 49.8 47.4 71.0





#49

1,4-Dioxane

Concen: 1340.148 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011349.D

Acq: 07 Nov 2022 20:34

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

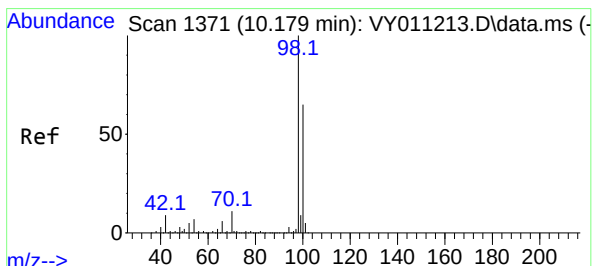
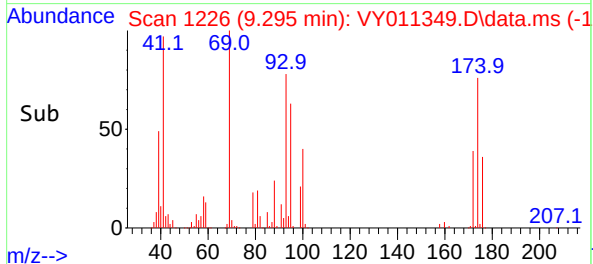
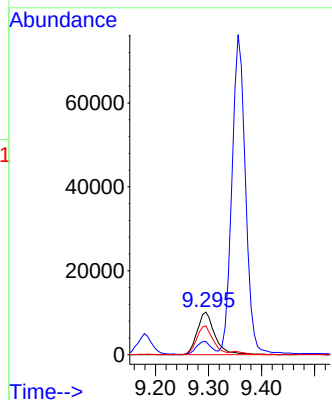
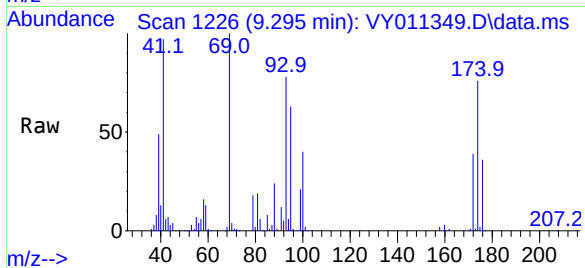
Tgt Ion: 88 Resp: 23539

Ion Ratio Lower Upper

88 100

43 26.1 32.8 49.2#

58 63.1 59.8 89.6



#50

Toluene-d8

Concen: 49.803 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011349.D

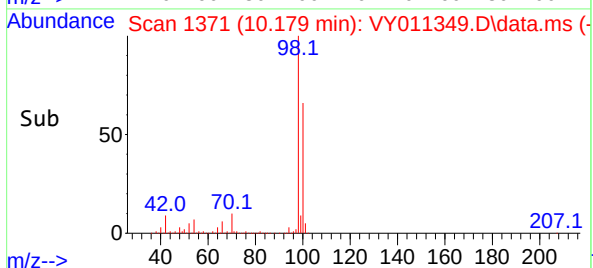
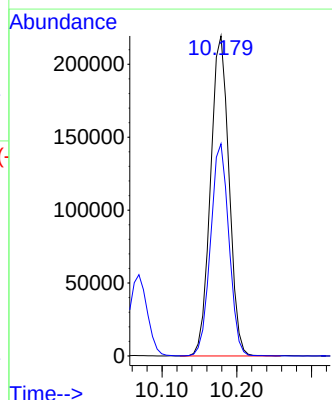
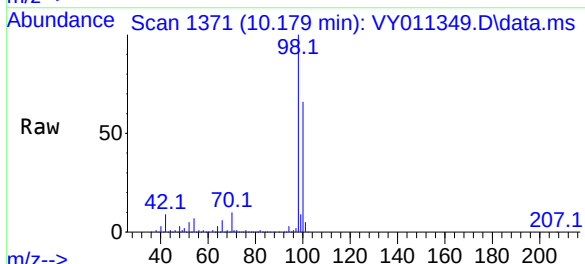
Acq: 07 Nov 2022 20:34

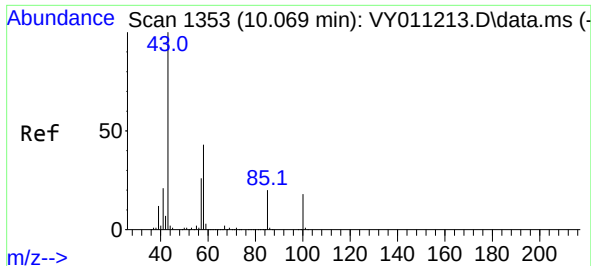
Tgt Ion: 98 Resp: 376571

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

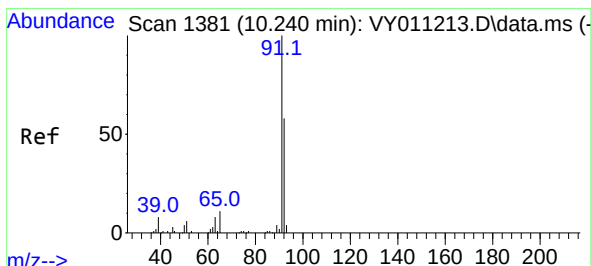
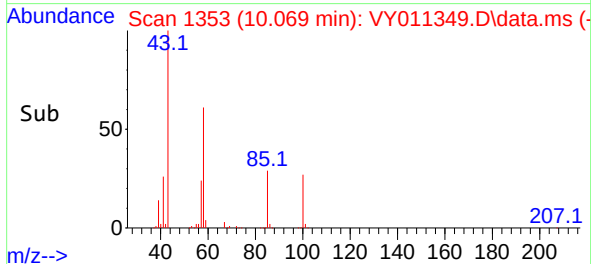
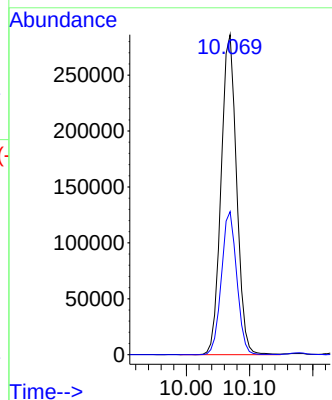
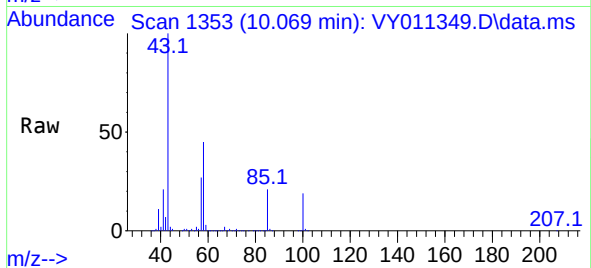




#51  
4-Methyl-2-Pentanone  
Concen: 295.457 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

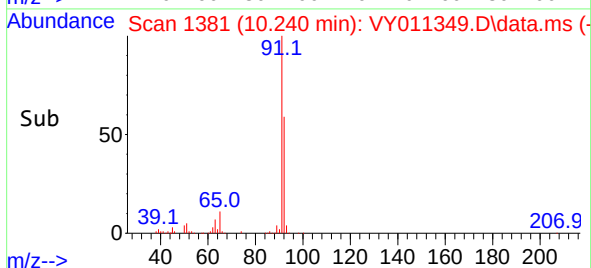
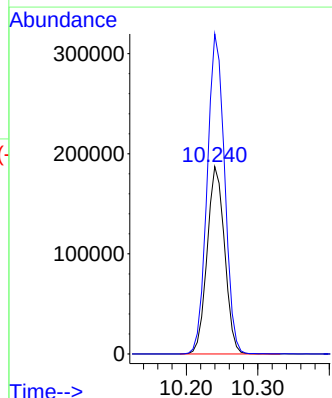
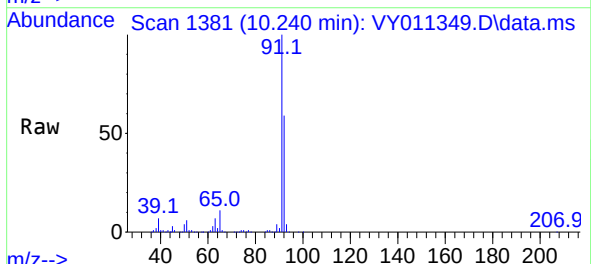
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

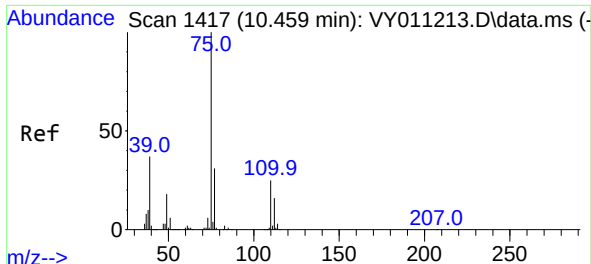
Tgt Ion: 43 Resp: 485244  
Ion Ratio Lower Upper  
43 100  
58 44.2 28.1 42.1#



#52  
Toluene  
Concen: 54.744 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 92 Resp: 317274  
Ion Ratio Lower Upper  
92 100  
91 170.6 142.6 213.8

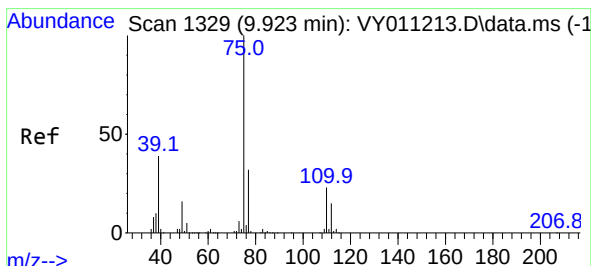
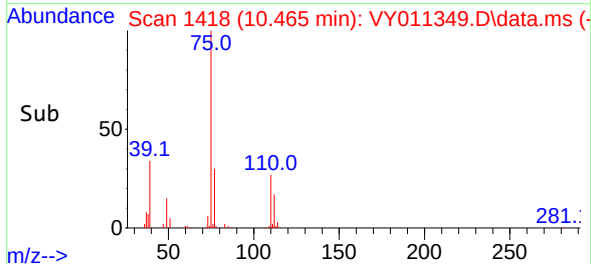
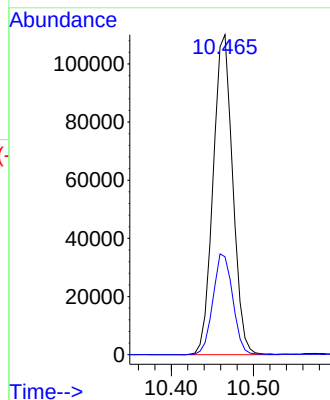
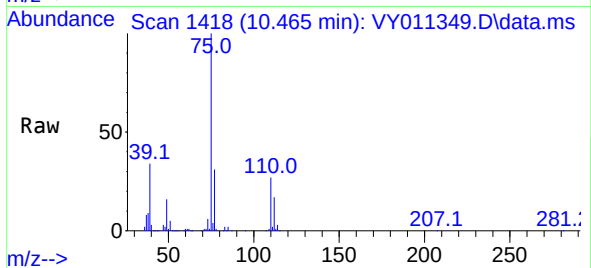




#53  
t-1,3-Dichloropropene  
Concen: 55.929 ug/l  
RT: 10.465 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

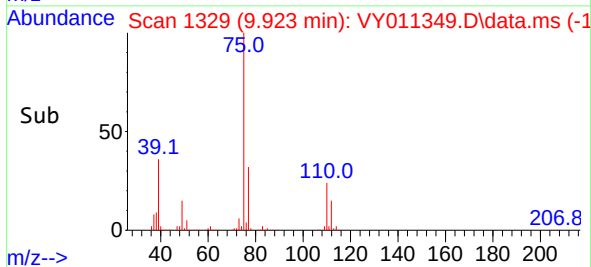
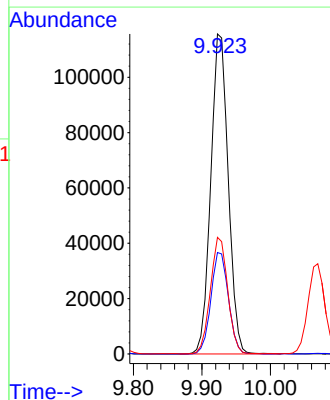
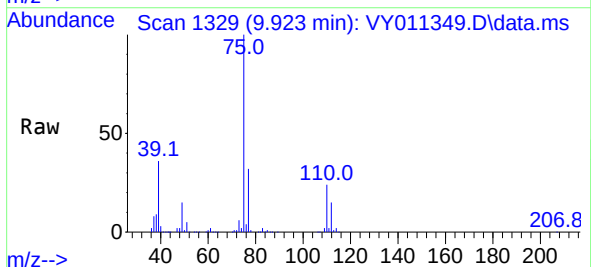
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

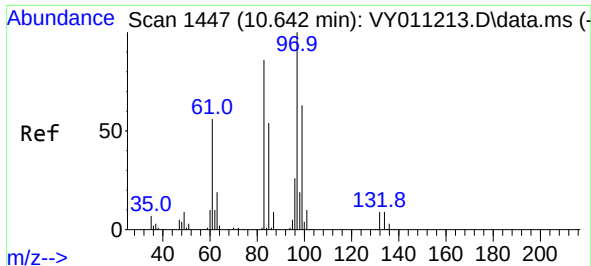
Tgt Ion: 75 Resp: 182302  
Ion Ratio Lower Upper  
75 100  
77 30.6 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 54.948 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 75 Resp: 204937  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.6 38.4  
39 36.5 47.6 71.4#



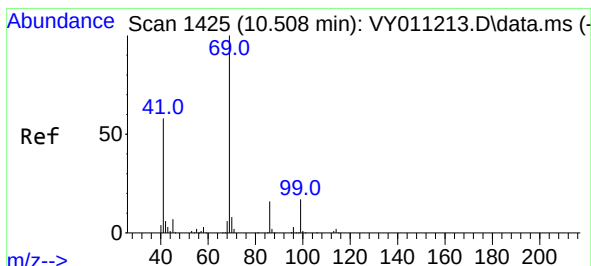
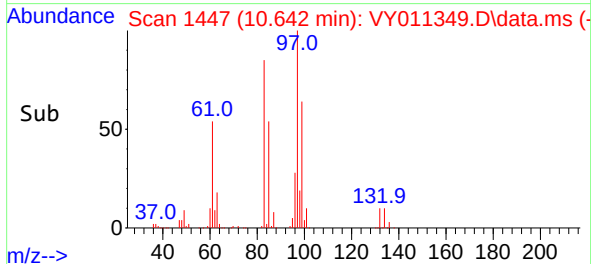
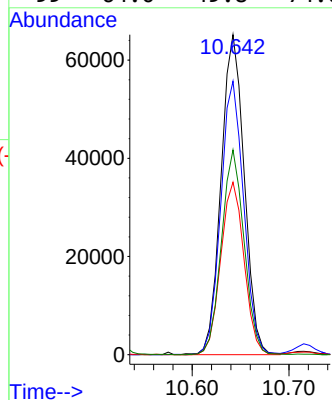
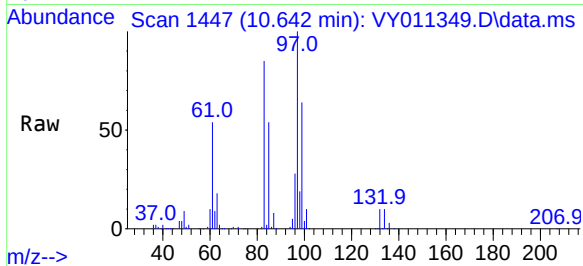


#55  
1,1,2-Trichloroethane  
Concen: 57.928 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 108396

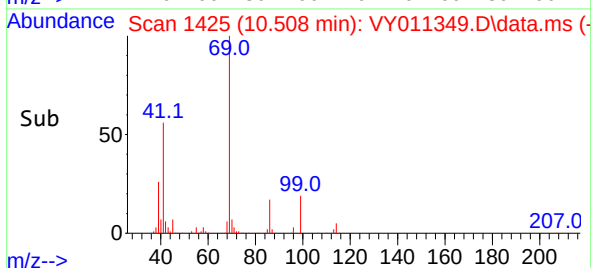
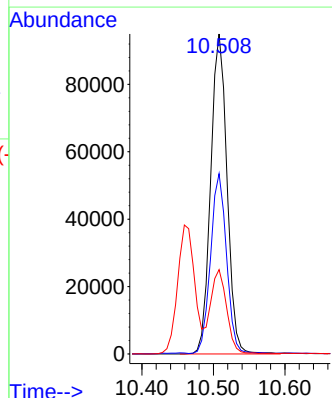
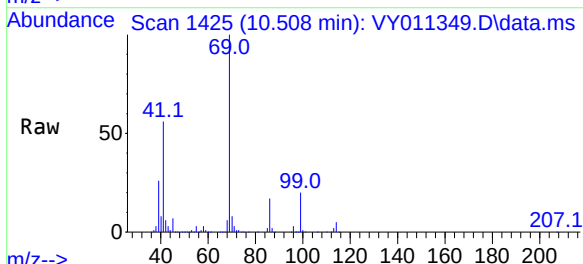
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.3  | 69.8  | 104.8 |
| 85  | 53.9  | 44.3  | 66.5  |
| 99  | 64.0  | 49.8  | 74.6  |



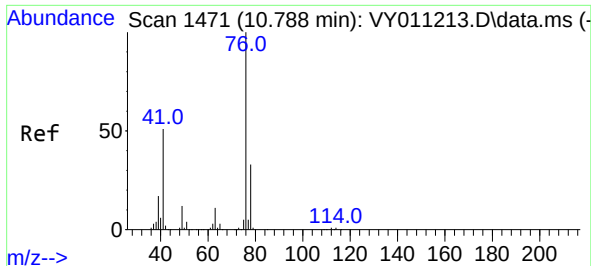
#56  
Ethyl methacrylate  
Concen: 60.920 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 69 Resp: 150577

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 55.0  | 63.4  | 95.0# |
| 39  | 26.3  | 35.8  | 53.8# |



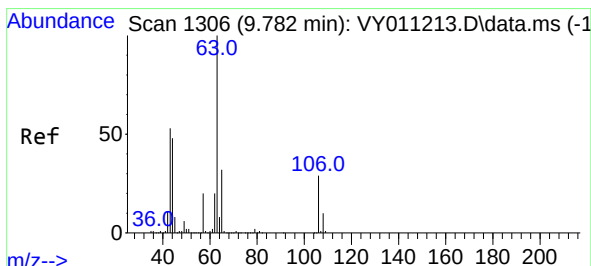
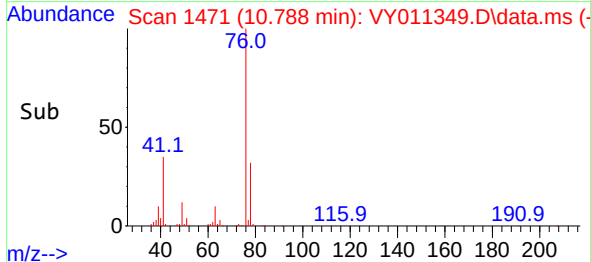
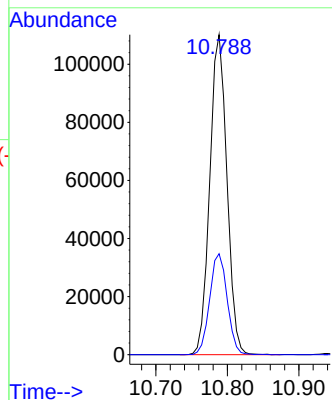
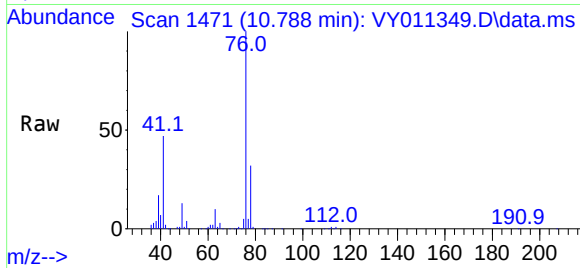




#57  
1,3-Dichloropropane  
Concen: 57.150 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

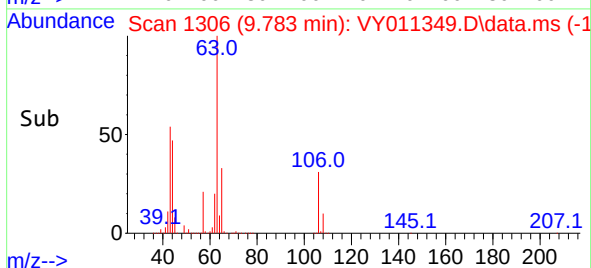
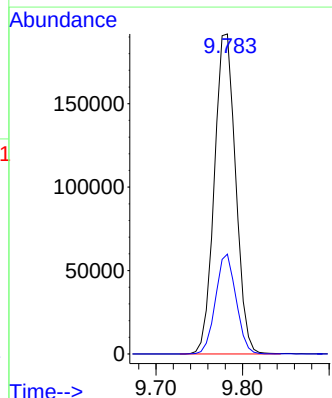
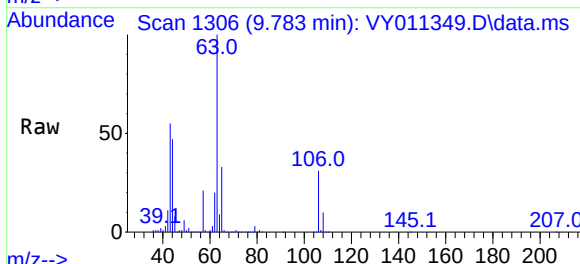
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

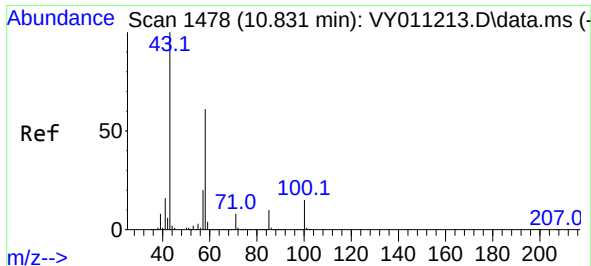
Tgt Ion: 76 Resp: 183049  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.0 37.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 282.747 ug/l  
RT: 9.783 min Scan# 1306  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 63 Resp: 327635  
Ion Ratio Lower Upper  
63 100  
106 30.0 21.5 32.3

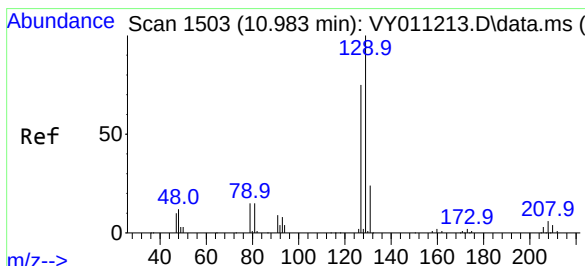
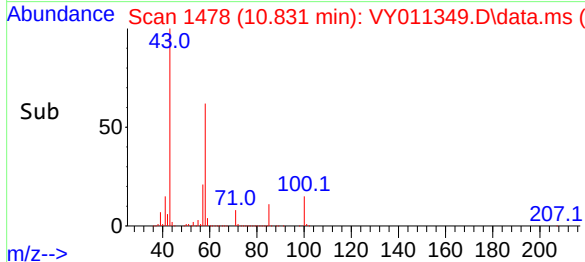
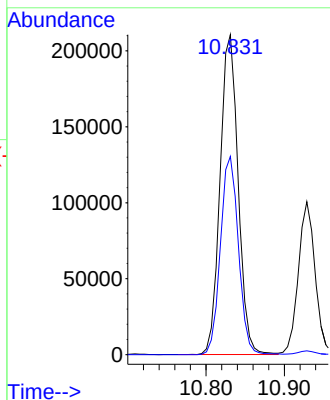
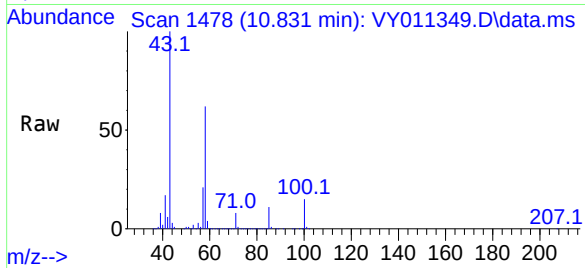




#59  
2-Hexanone  
Concen: 288.639 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

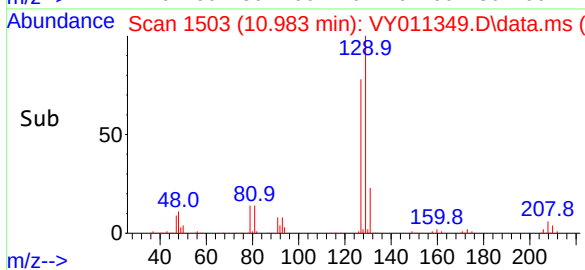
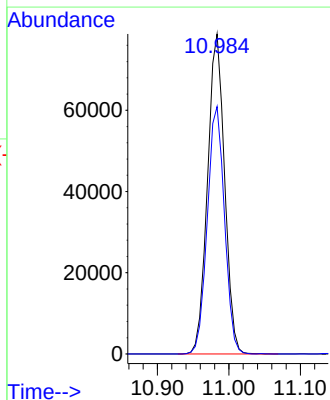
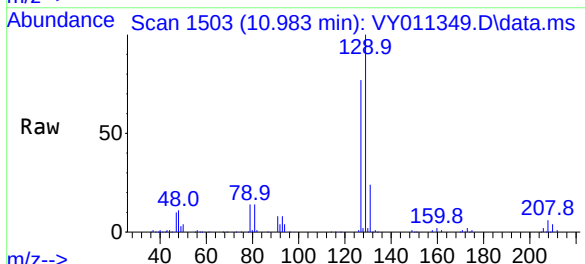
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

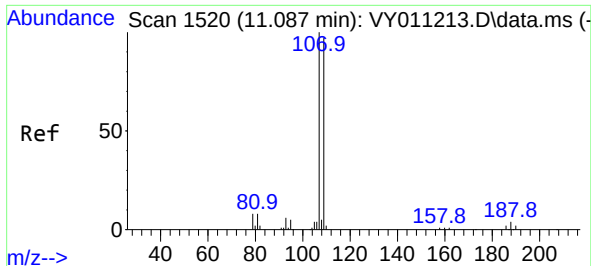
Tgt Ion: 43 Resp: 338434  
Ion Ratio Lower Upper  
43 100  
58 61.7 24.4 73.4



#60  
Dibromochloromethane  
Concen: 58.641 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.001 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion:129 Resp: 130375  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.7 116.1

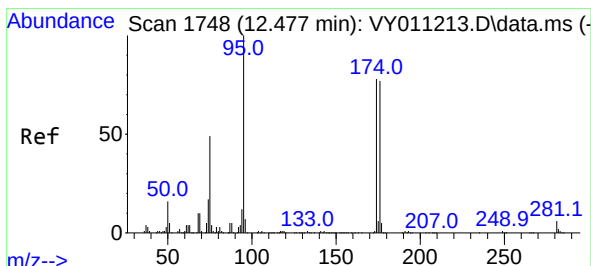
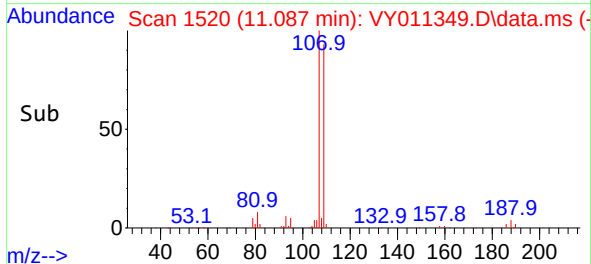
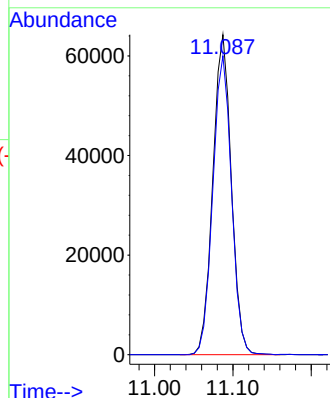
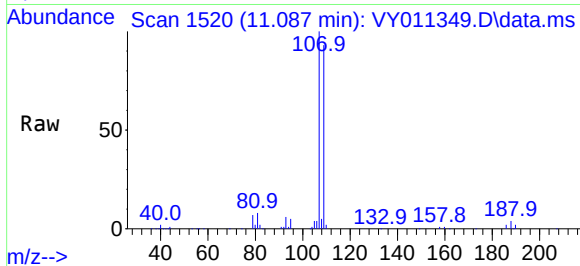




#61  
1,2-Dibromoethane  
Concen: 59.212 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

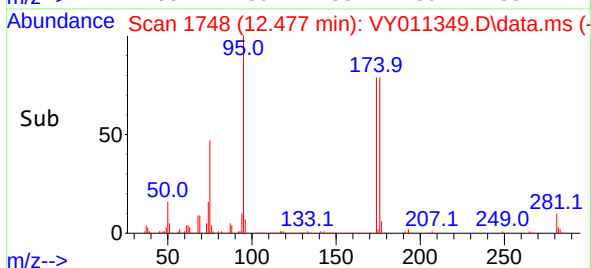
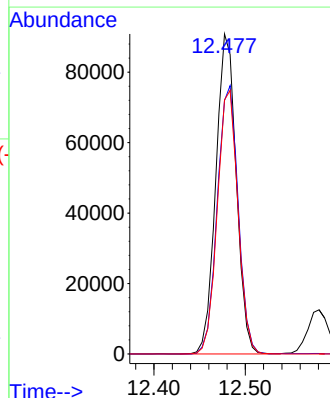
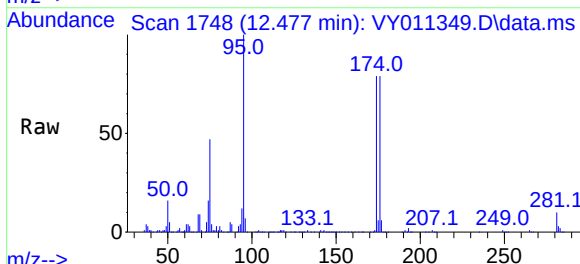
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

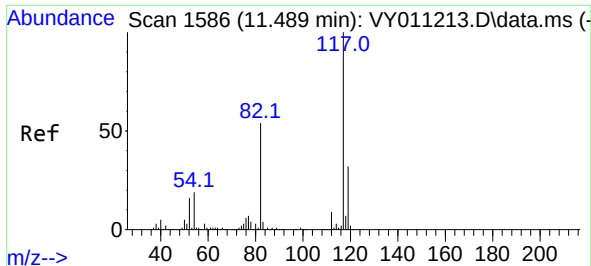
Tgt Ion:107 Resp: 105190  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 53.689 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 95 Resp: 140931  
Ion Ratio Lower Upper  
95 100  
174 85.7 0.0 177.0  
176 83.2 0.0 175.8

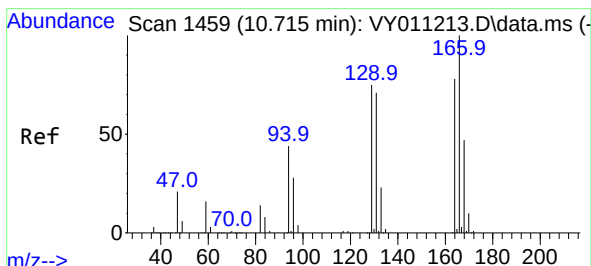
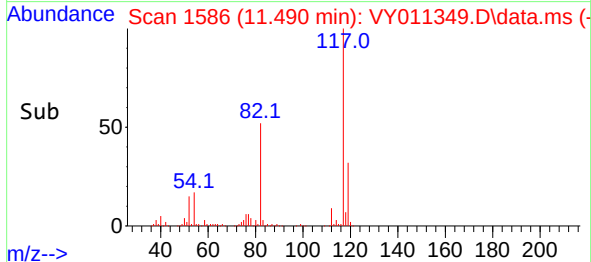
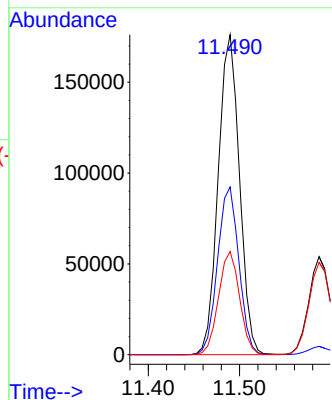
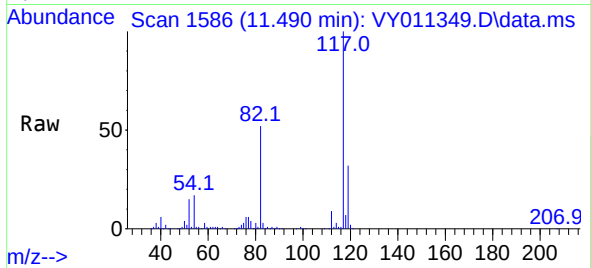




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

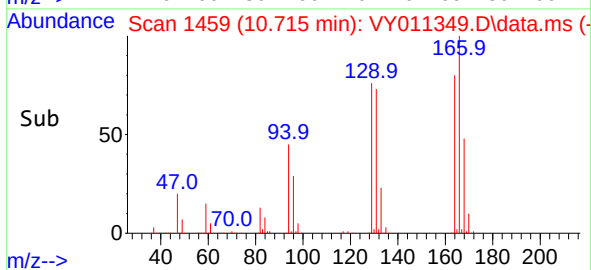
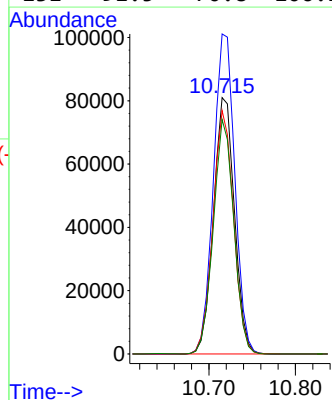
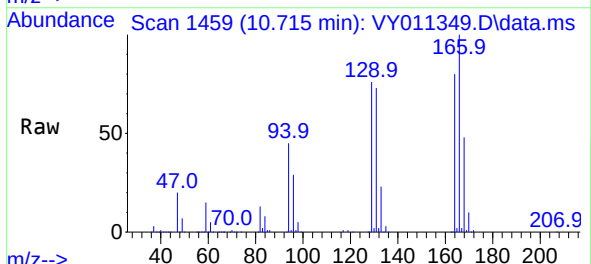
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

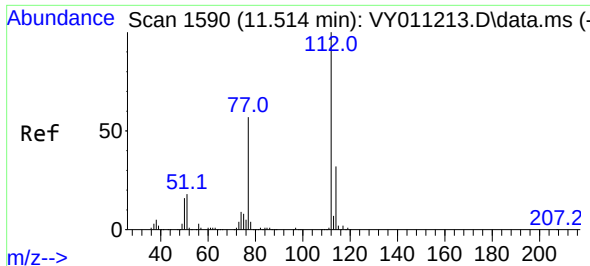
Tgt Ion:117 Resp: 284898  
Ion Ratio Lower Upper  
117 100  
82 52.4 43.0 64.4  
119 32.3 25.4 38.0



#64  
Tetrachloroethene  
Concen: 56.473 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion:164 Resp: 136665  
Ion Ratio Lower Upper  
164 100  
166 124.8 100.4 150.6  
129 94.9 71.4 107.0  
131 91.5 70.8 106.2

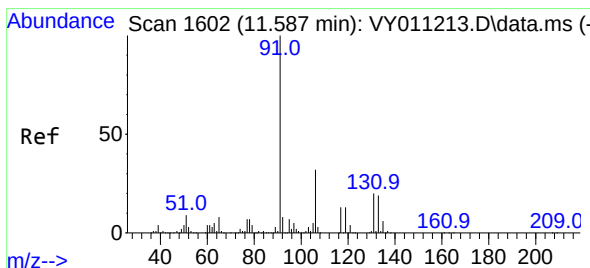
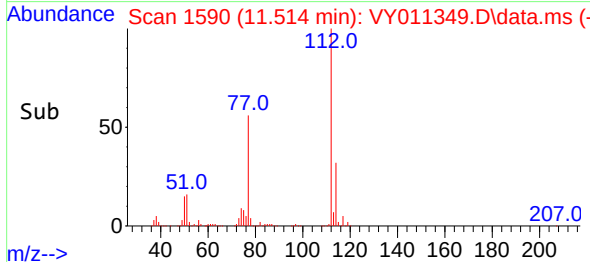
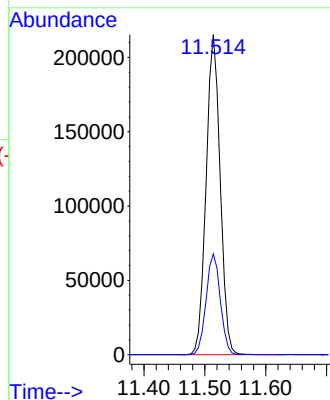
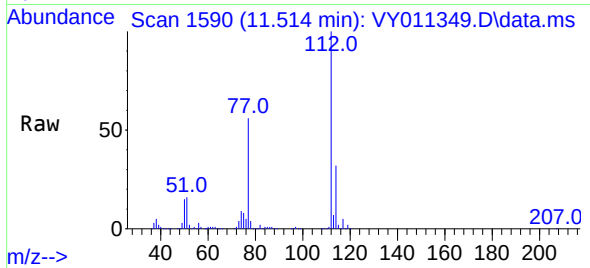




#65  
Chlorobenzene  
Concen: 54.907 ug/l  
RT: 11.514 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

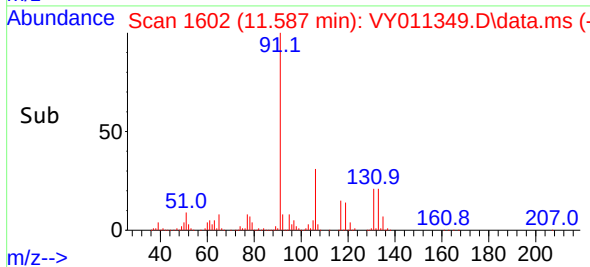
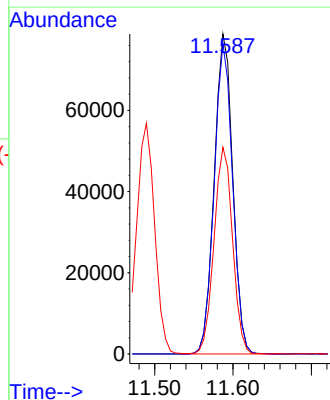
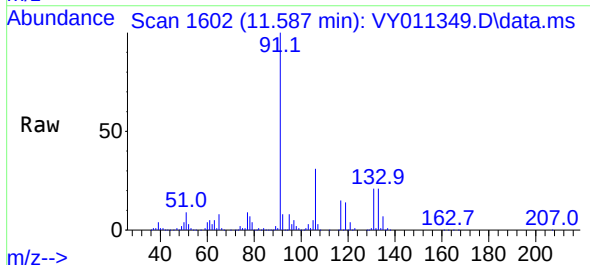
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

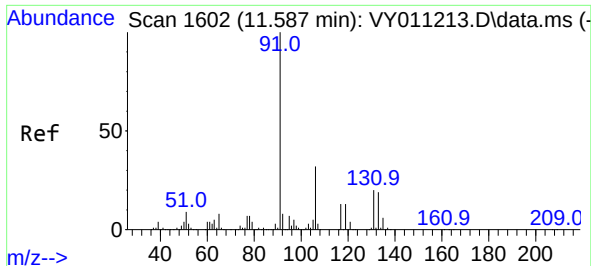
Tgt Ion:112 Resp: 345116  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.795 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion:131 Resp: 129129  
Ion Ratio Lower Upper  
131 100  
133 96.9 47.9 143.6  
119 64.9 30.8 92.3

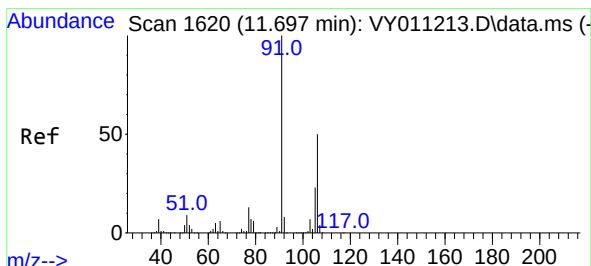
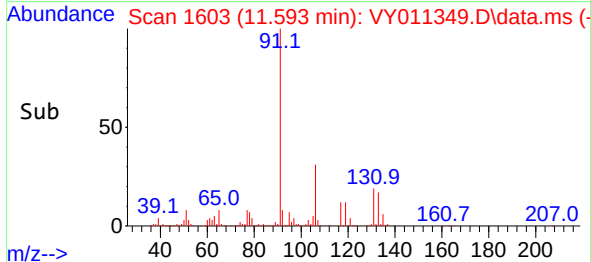
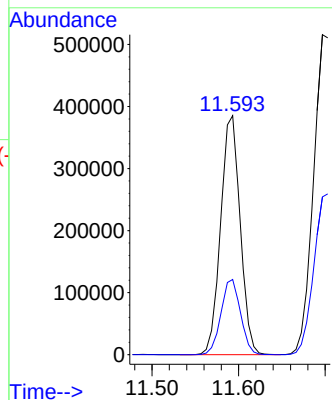
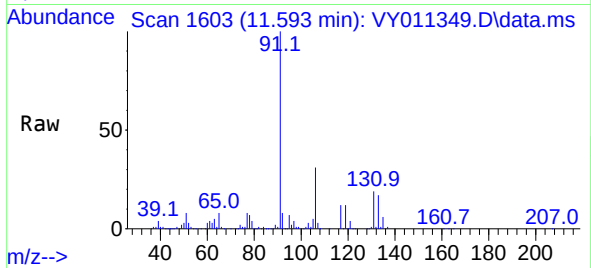




#67  
Ethyl Benzene  
Concen: 54.085 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

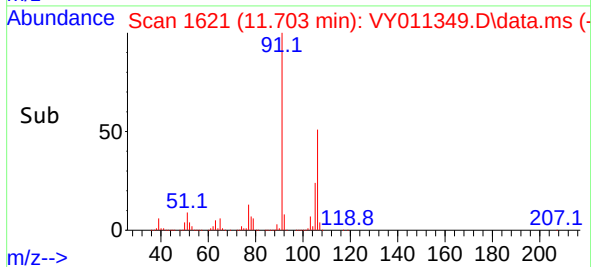
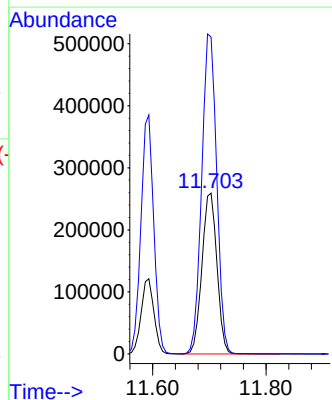
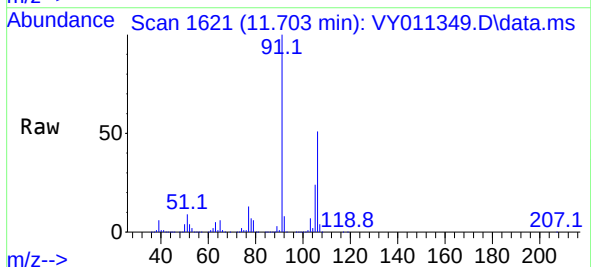
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

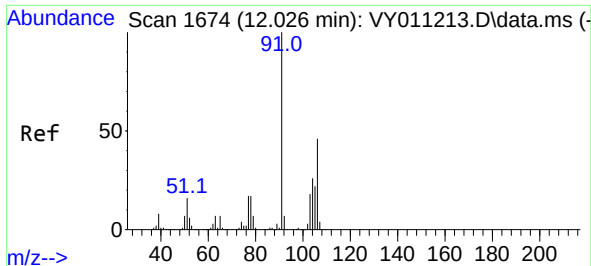
Tgt Ion: 91 Resp: 603026  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.5 36.7



#68  
m/p-Xylenes  
Concen: 109.617 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 106 Resp: 474427  
Ion Ratio Lower Upper  
106 100  
91 199.2 166.6 249.8

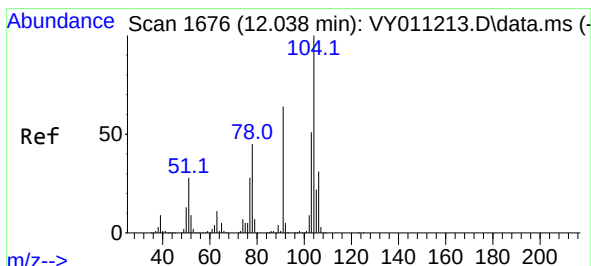
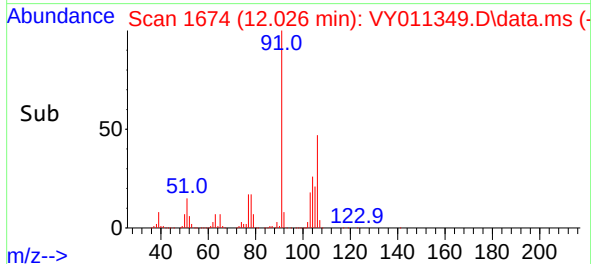
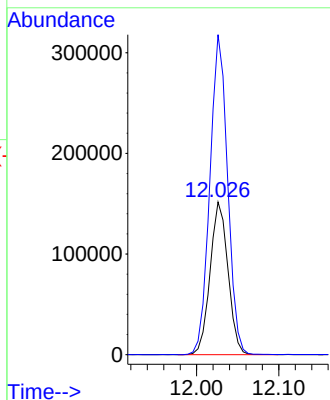
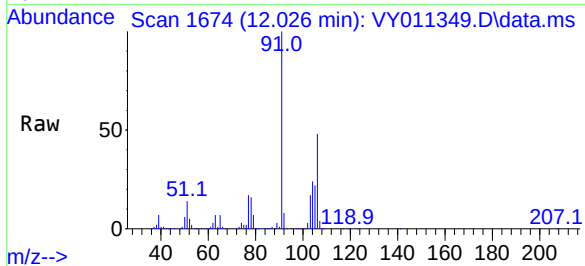




#69  
o-Xylene  
Concen: 56.507 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

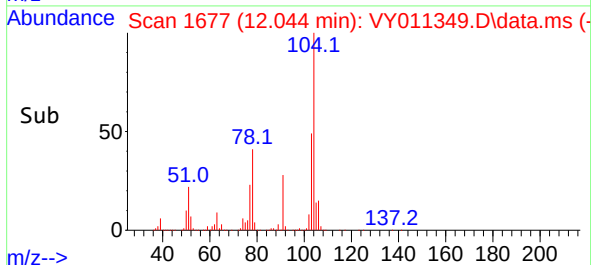
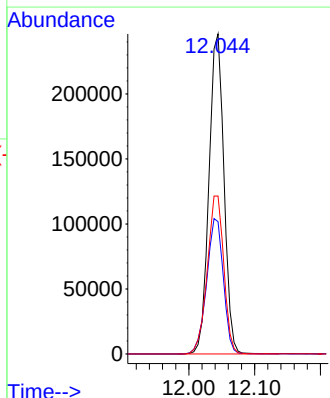
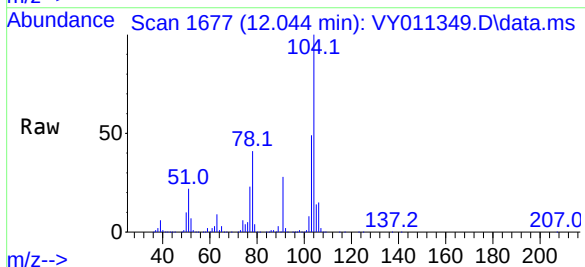
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

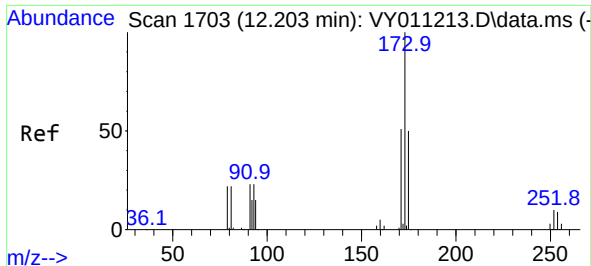
Tgt Ion:106 Resp: 229250  
Ion Ratio Lower Upper  
106 100  
91 207.8 110.3 331.0



#70  
Styrene  
Concen: 56.885 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion:104 Resp: 391232  
Ion Ratio Lower Upper  
104 100  
78 47.0 42.4 63.6  
103 54.4 44.4 66.6

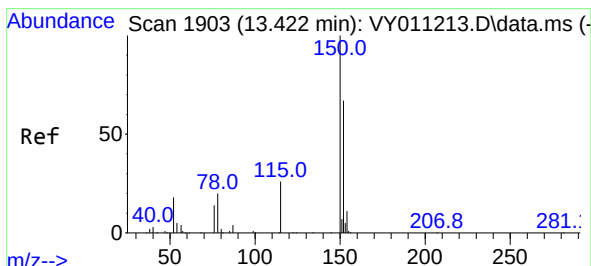
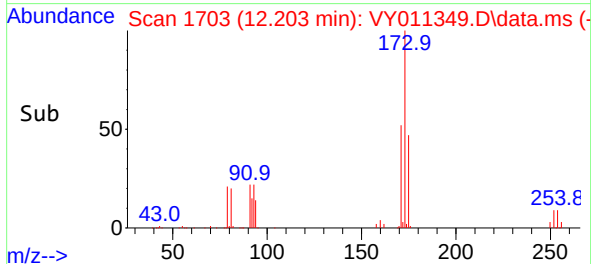
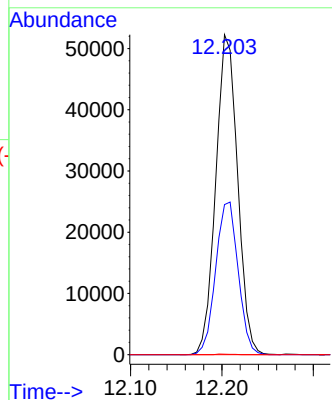
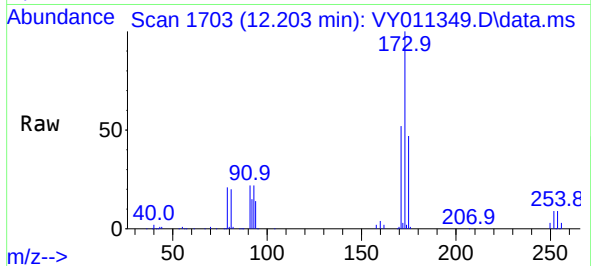




#71  
Bromoform  
Concen: 60.333 ug/l  
RT: 12.203 min Scan# 1703  
Delta R.T. -0.006 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

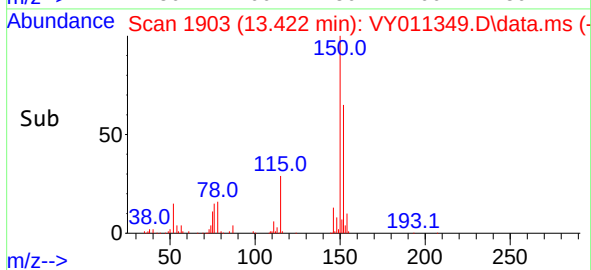
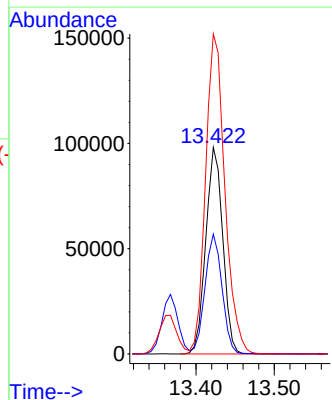
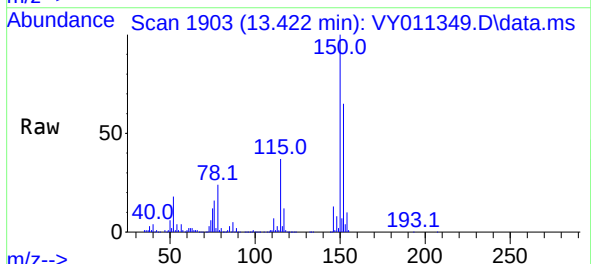
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 86786  
Ion Ratio Lower Upper  
173 100  
175 49.1 24.6 74.0  
254 0.1 0.0 0.0#

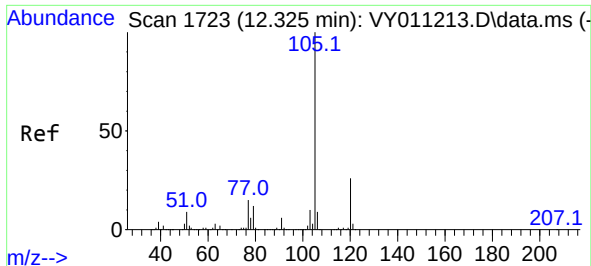


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion:152 Resp: 147662  
Ion Ratio Lower Upper  
152 100  
115 57.9 28.2 84.7  
150 175.7 0.0 347.6



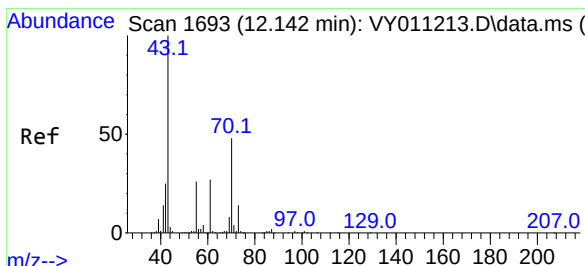
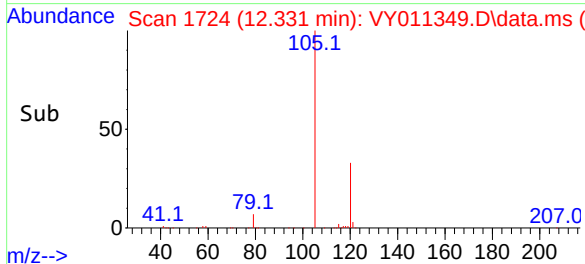
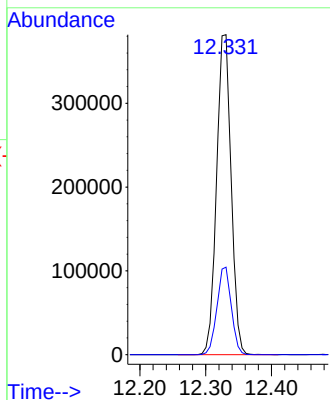
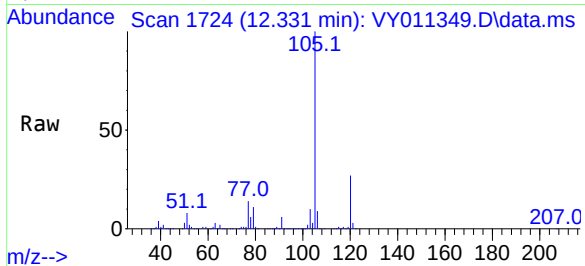




#73  
Isopropylbenzene  
Concen: 53.204 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.006 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

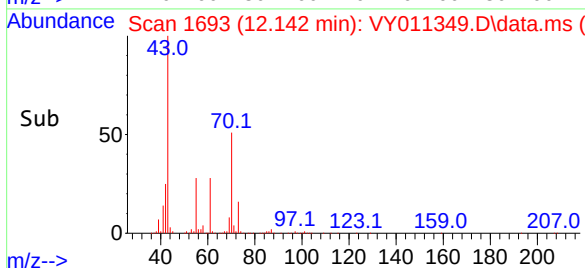
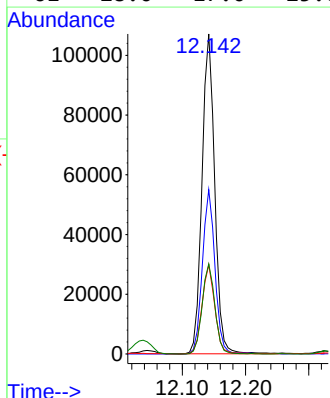
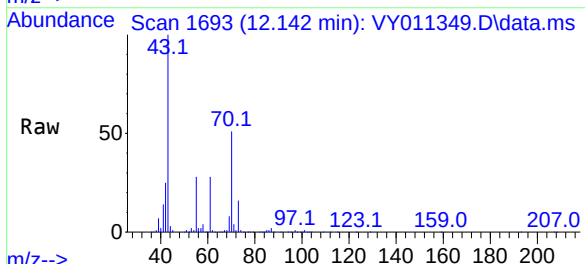
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

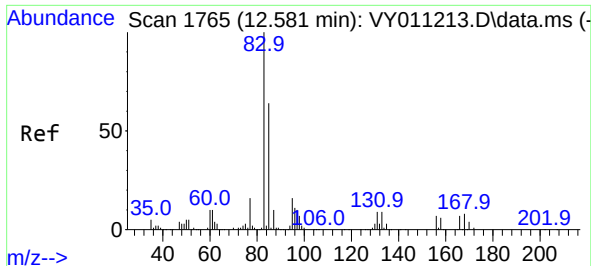
Tgt Ion:105 Resp: 587379  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.4 40.2



#74  
N-ethyl acetate  
Concen: 54.243 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 43 Resp: 150326  
Ion Ratio Lower Upper  
43 100  
70 50.6 28.7 43.1#  
55 28.1 17.3 25.9#  
61 28.0 17.0 25.6#

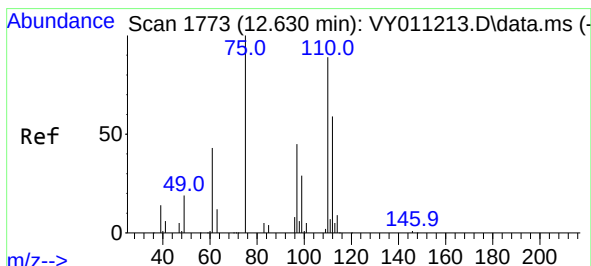
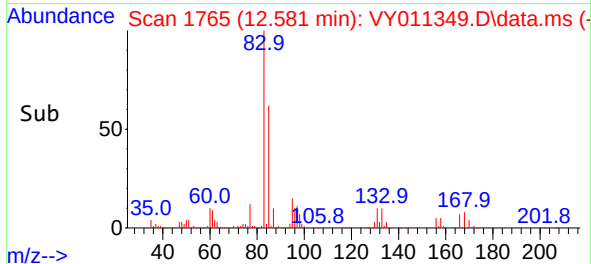
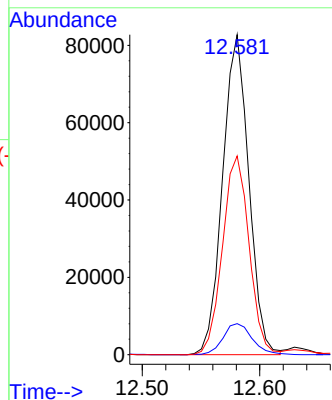
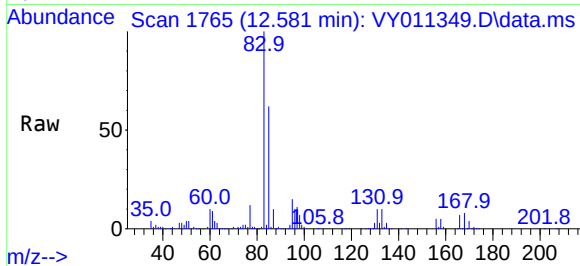




#75  
1,1,2,2-Tetrachloroethane  
Concen: 56.099 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

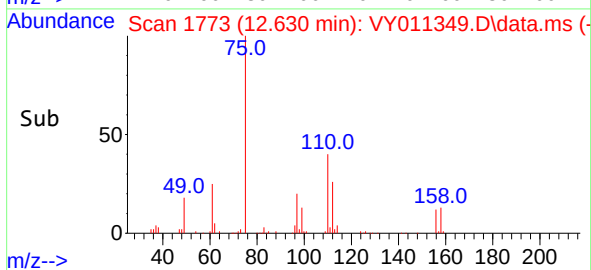
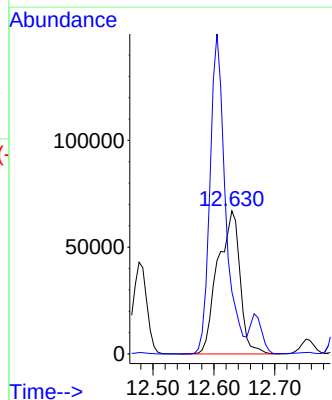
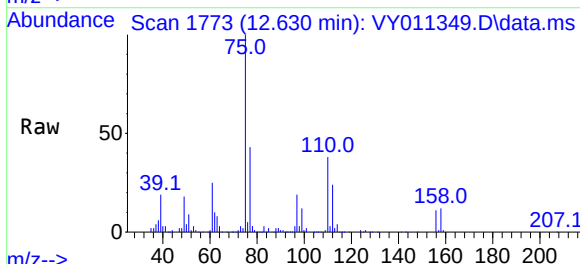
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

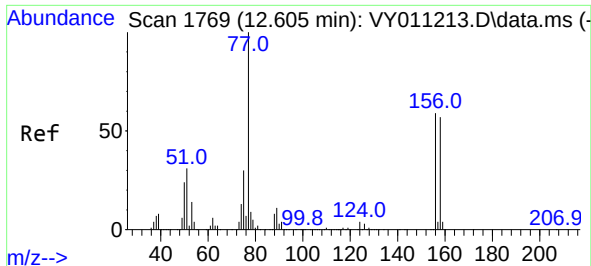
Tgt Ion: 83 Resp: 128161  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.6 16.8  
85 63.2 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 94.469 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 75 Resp: 169823  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

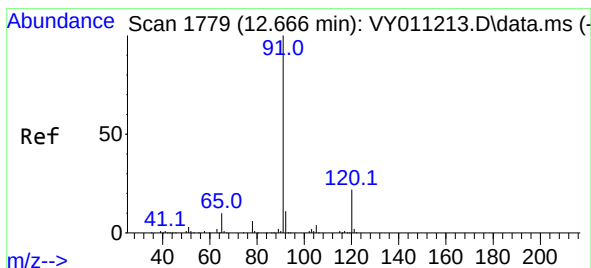
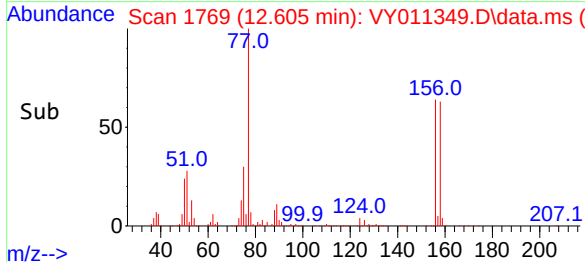
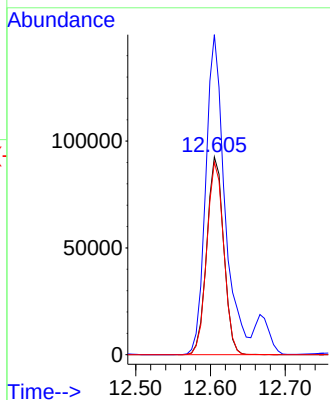
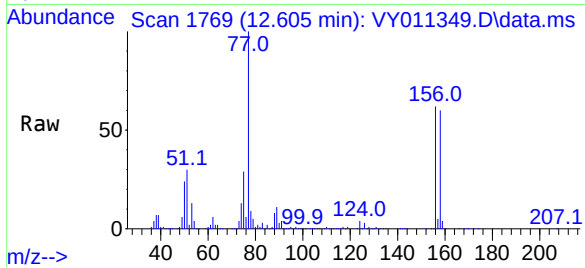




#77  
Bromobenzene  
Concen: 55.932 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

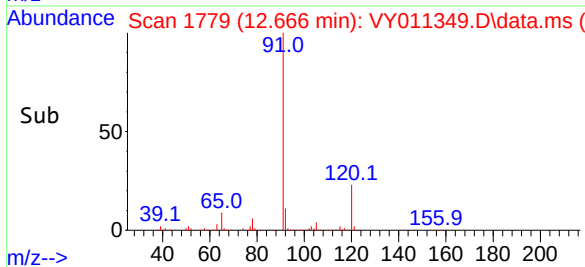
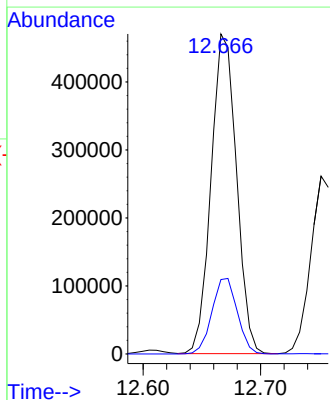
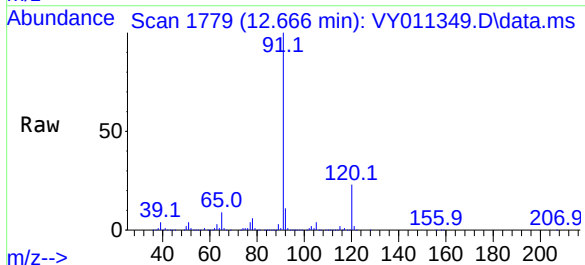
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

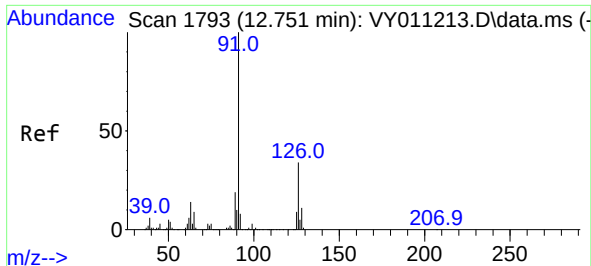
Tgt Ion:156 Resp: 145251  
Ion Ratio Lower Upper  
156 100  
77 183.4 95.5 286.4  
158 97.7 48.0 144.0



#78  
n-propylbenzene  
Concen: 52.271 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. -0.006 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 91 Resp: 706140  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.3 33.9

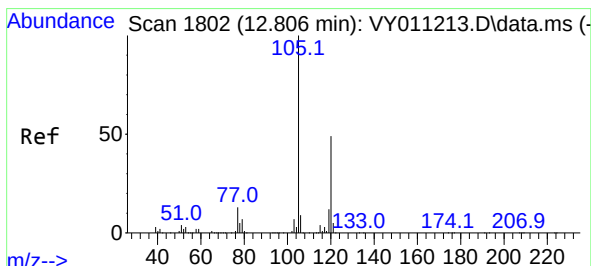
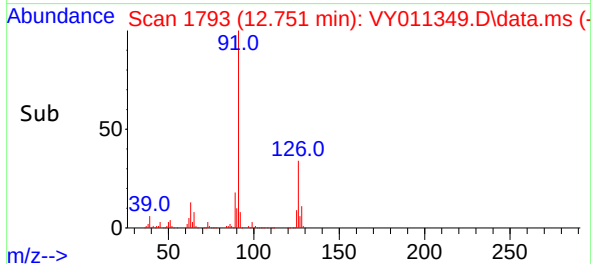
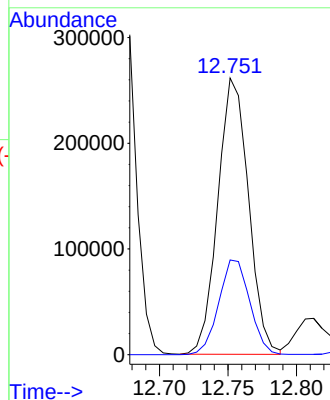
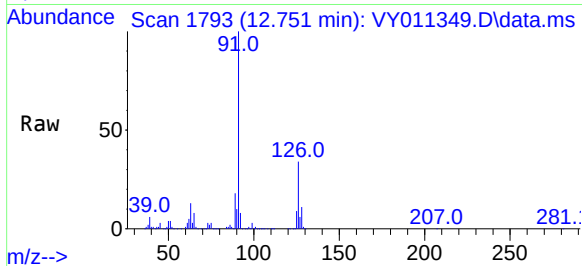




#79  
2-Chlorotoluene  
Concen: 52.689 ug/l  
RT: 12.751 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

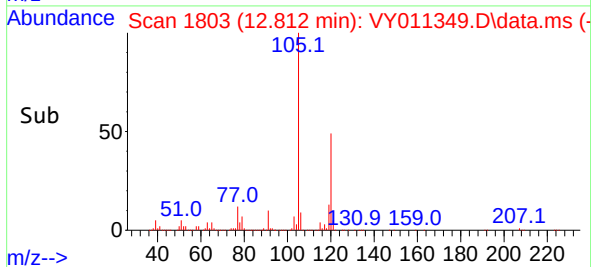
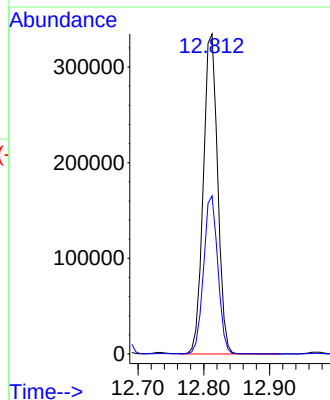
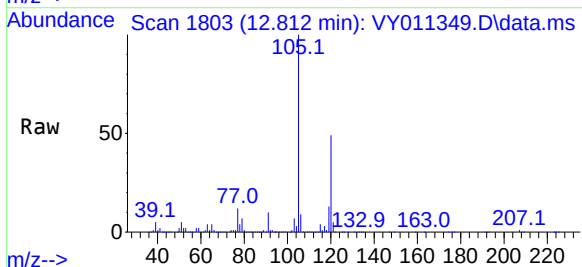
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

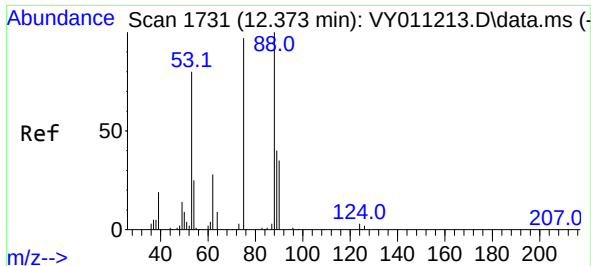
Tgt Ion: 91 Resp: 407831  
Ion Ratio Lower Upper  
91 100  
126 34.8 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 54.259 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion:105 Resp: 506900  
Ion Ratio Lower Upper  
105 100  
120 49.2 24.4 73.4

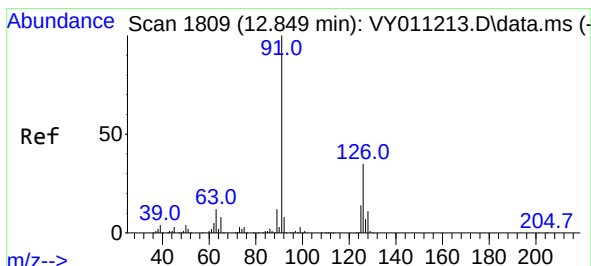
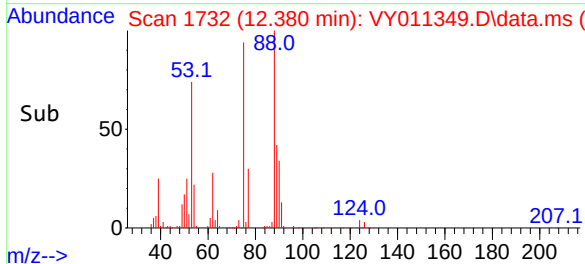
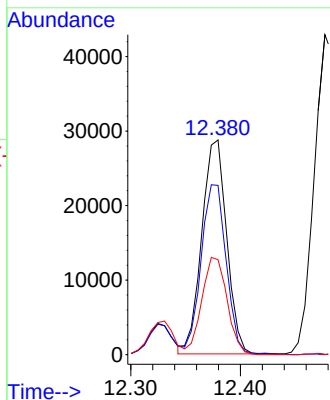
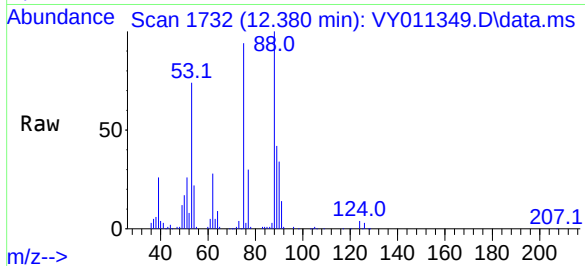




#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.899 ug/l  
RT: 12.380 min Scan# 1731  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

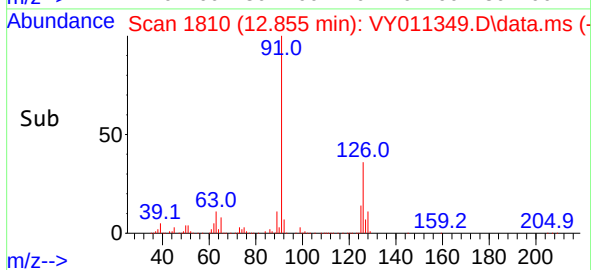
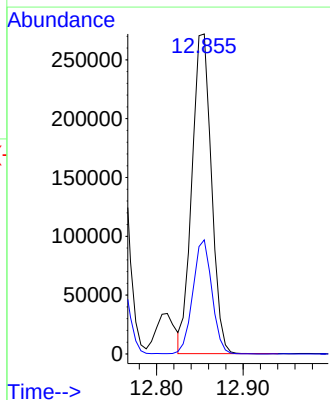
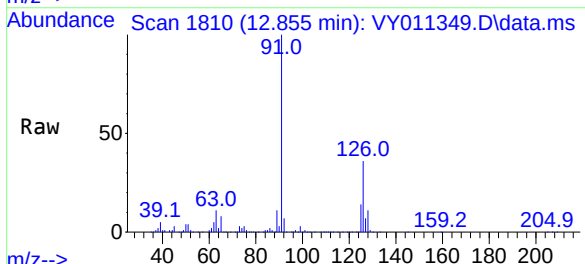
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

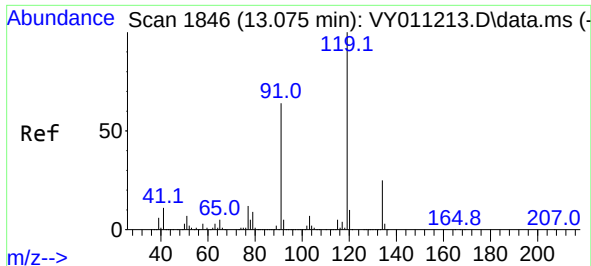
Tgt Ion: 75 Resp: 45274  
Ion Ratio Lower Upper  
75 100  
53 80.1 85.3 127.9#  
89 46.0 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 53.089 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 91 Resp: 423476  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.0 51.0

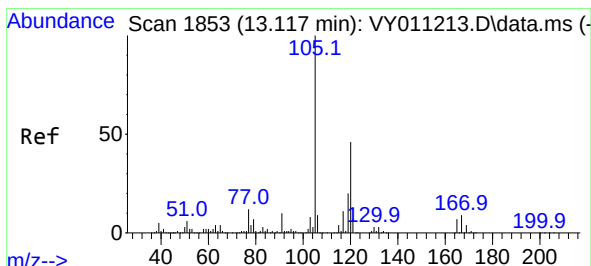
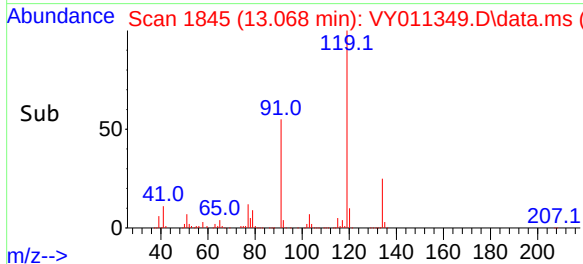
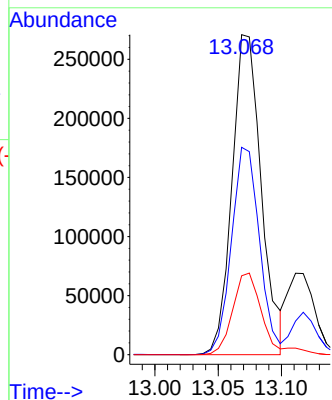
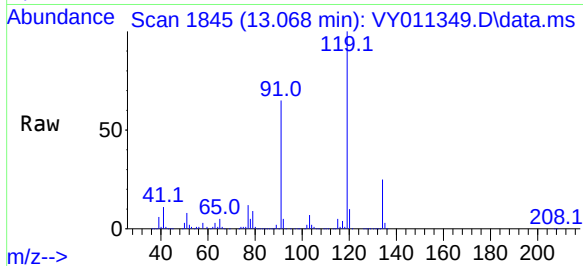




#83  
tert-Butylbenzene  
Concen: 54.146 ug/l  
RT: 13.068 min Scan# 119  
Delta R.T. -0.007 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

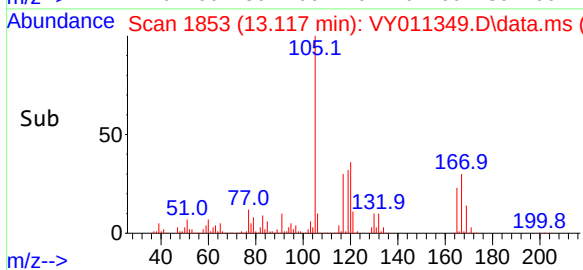
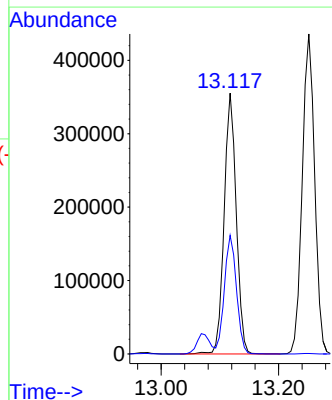
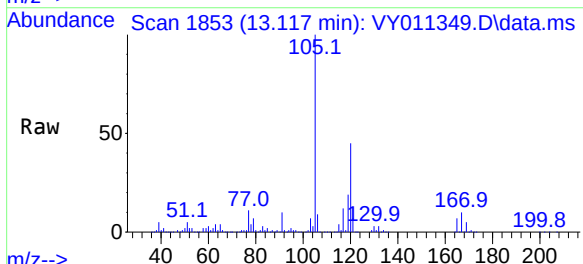
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

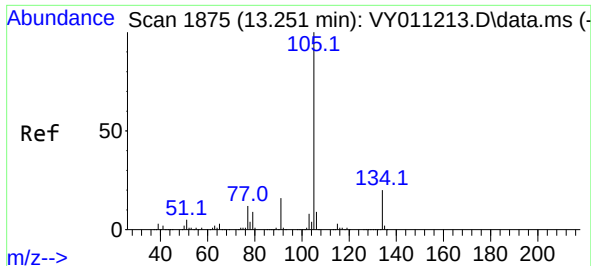
Tgt Ion:119 Resp: 435864  
Ion Ratio Lower Upper  
119 100  
91 62.1 34.8 104.4  
134 26.1 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 54.958 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion:105 Resp: 507797  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.3 66.9

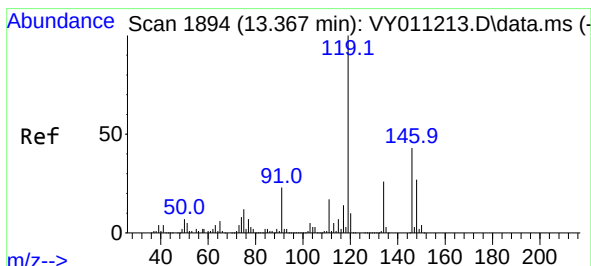
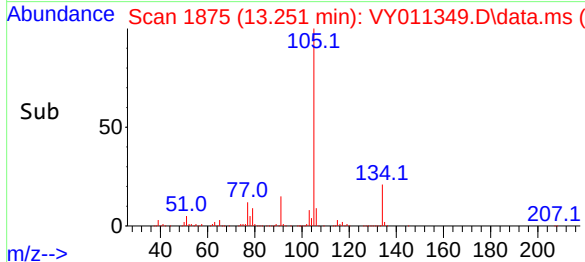
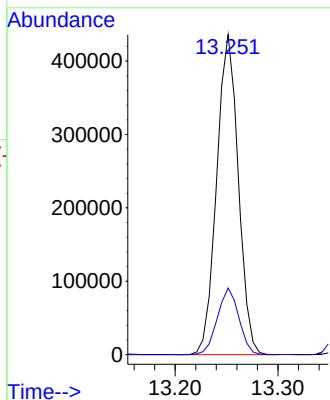
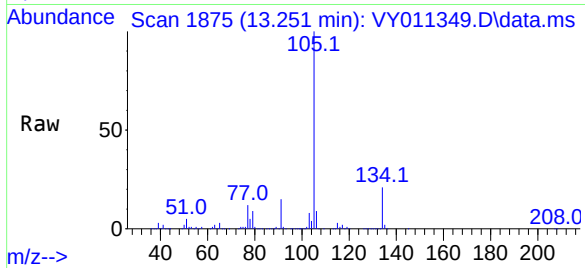




#85  
 sec-Butylbenzene  
 Concen: 53.285 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY011349.D  
 Acq: 07 Nov 2022 20:34

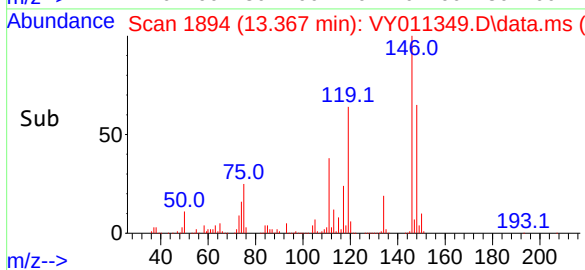
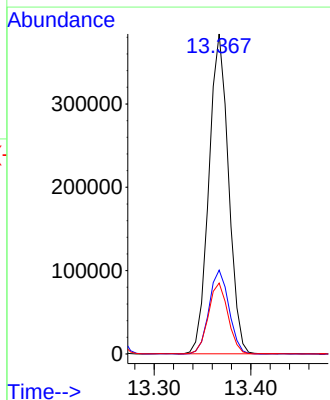
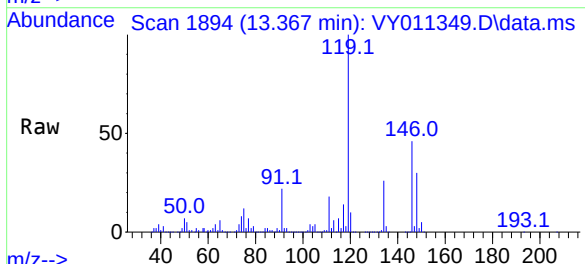
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

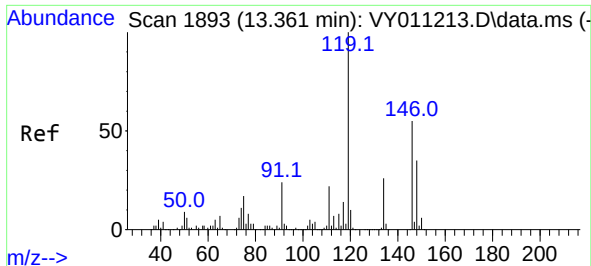
Tgt Ion:105 Resp: 635956  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 54.378 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY011349.D  
 Acq: 07 Nov 2022 20:34

Tgt Ion:119 Resp: 540947  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.2 39.5  
 91 22.2 12.4 37.2

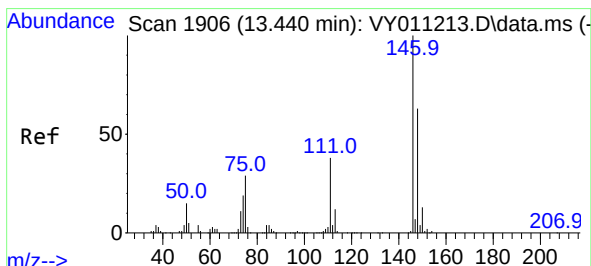
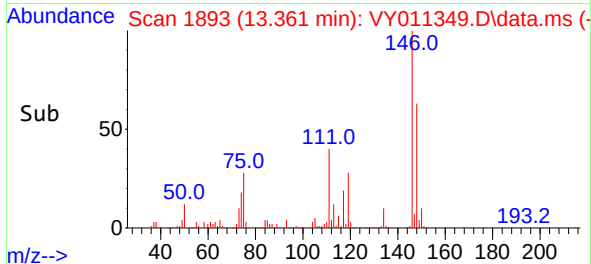
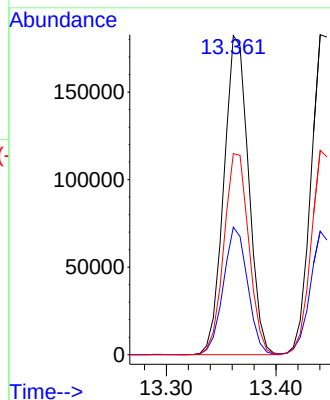
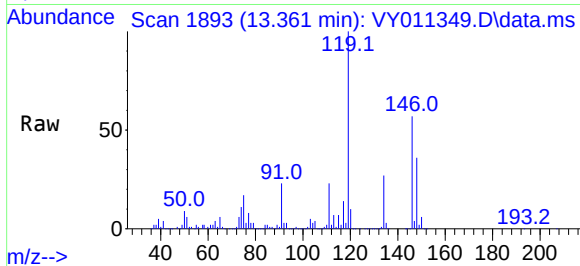




#87  
1,3-Dichlorobenzene  
Concen: 54.744 ug/l  
RT: 13.361 min Scan# 1893  
Delta R.T. -0.006 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

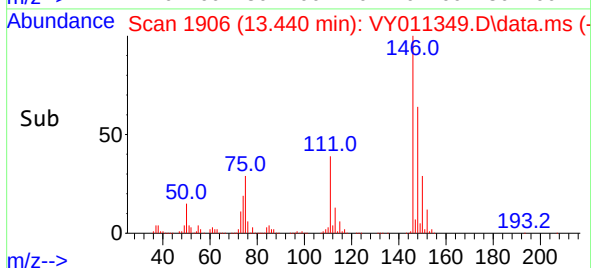
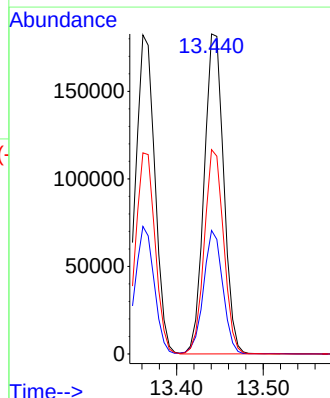
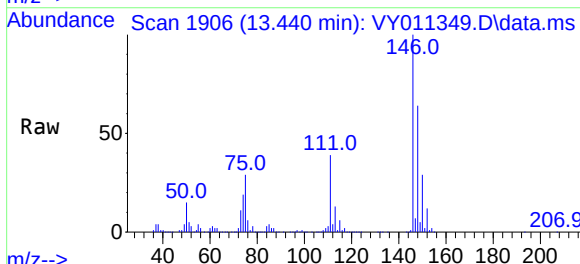
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:146 Resp: 285068  
Ion Ratio Lower Upper  
146 100  
111 39.4 19.5 58.5  
148 63.7 31.6 95.0

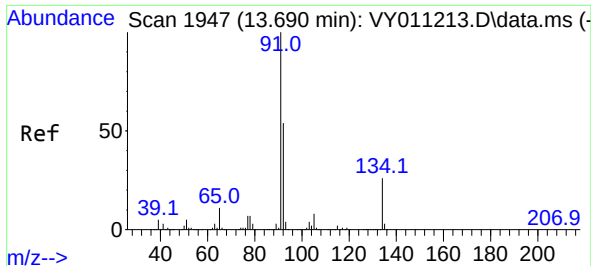


#88  
1,4-Dichlorobenzene  
Concen: 54.807 ug/l  
RT: 13.440 min Scan# 1906  
Delta R.T. -0.007 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion:146 Resp: 286229  
Ion Ratio Lower Upper  
146 100  
111 37.9 19.3 57.8  
148 63.3 32.6 97.8



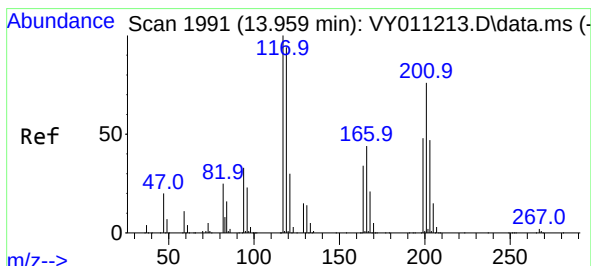
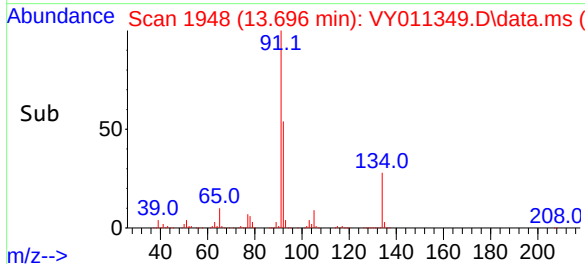
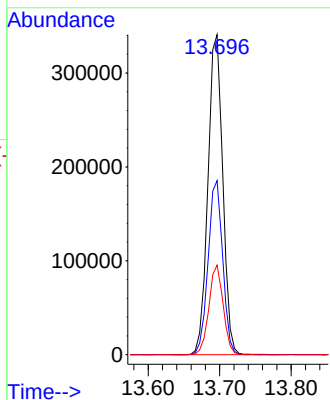
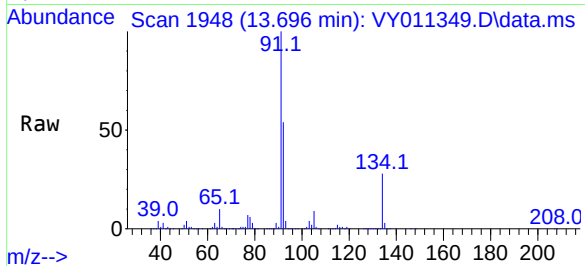




#89  
n-Butylbenzene  
Concen: 52.729 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

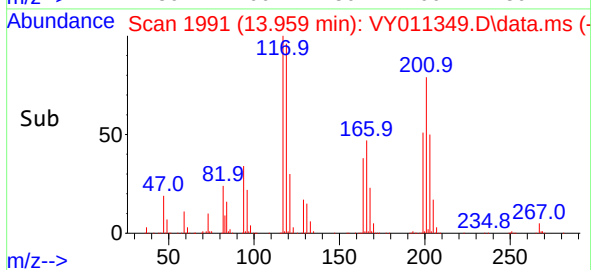
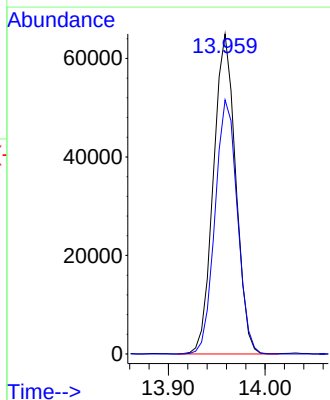
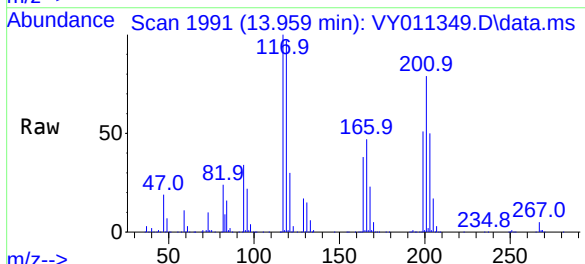
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

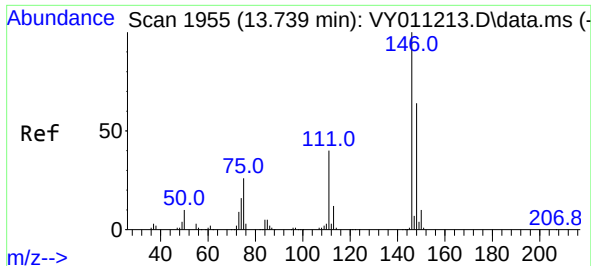
Tgt Ion: 91 Resp: 489818  
Ion Ratio Lower Upper  
91 100  
92 53.7 26.3 78.9  
134 27.0 13.0 38.9



#90  
Hexachloroethane  
Concen: 52.200 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion: 117 Resp: 103852  
Ion Ratio Lower Upper  
117 100  
201 79.6 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 55.792 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY011349.D

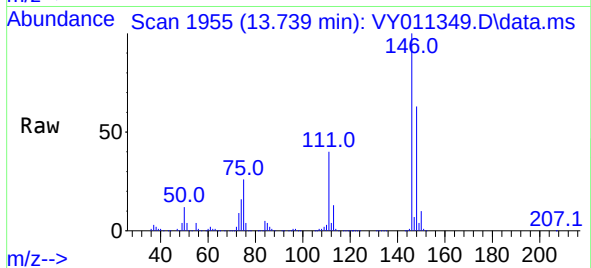
Acq: 07 Nov 2022 20:34

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC



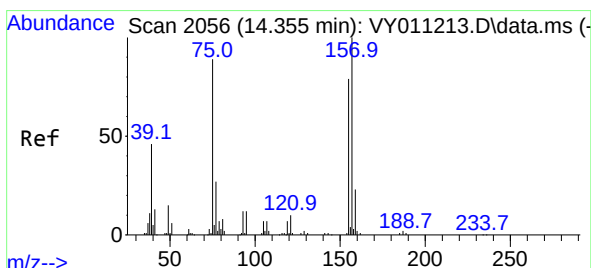
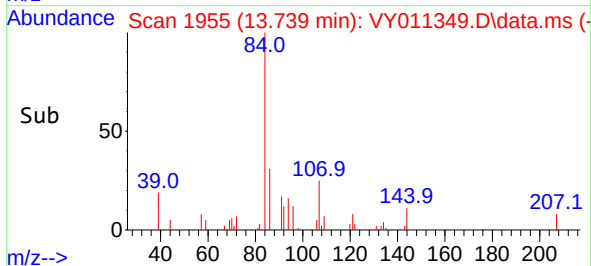
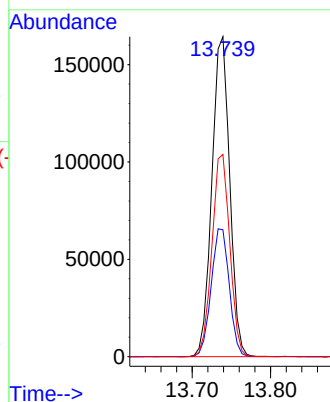
Tgt Ion:146 Resp: 259505

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

148 63.4 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.314 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011349.D

Acq: 07 Nov 2022 20:34

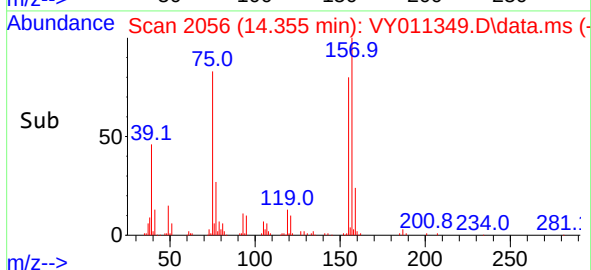
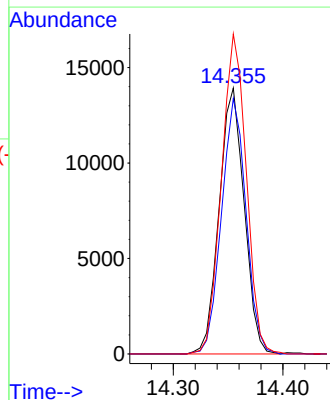
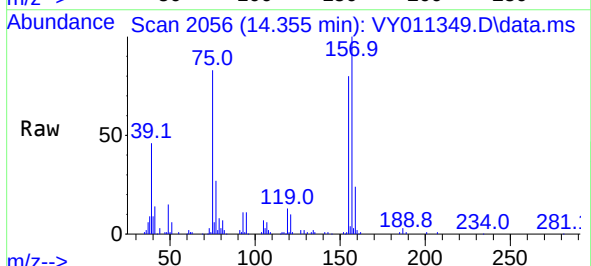
Tgt Ion: 75 Resp: 22039

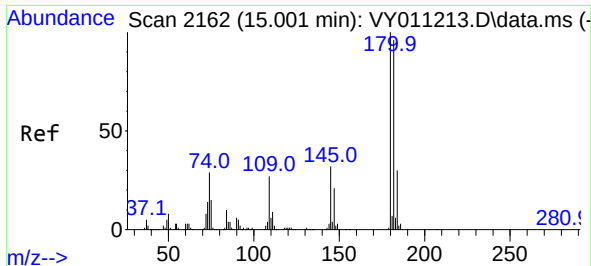
Ion Ratio Lower Upper

75 100

155 94.3 38.0 113.9

157 119.5 47.8 143.3

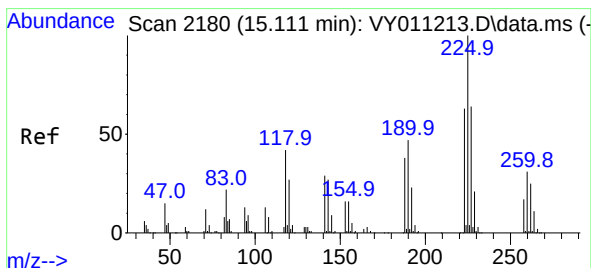
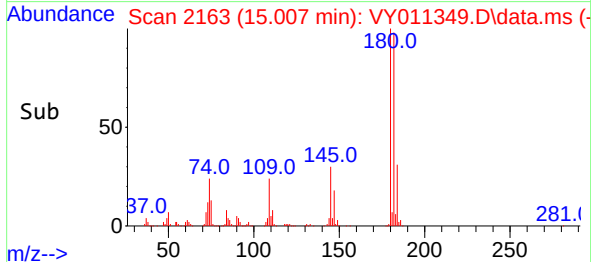
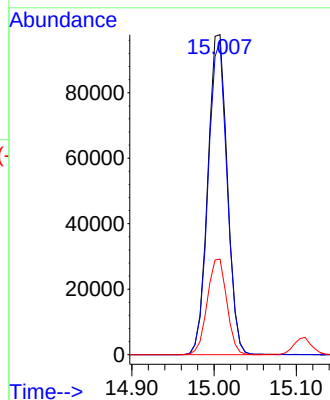
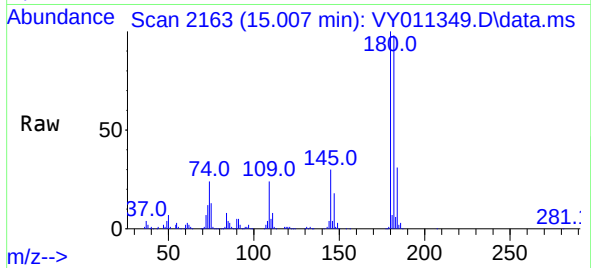




#93  
1,2,4-Trichlorobenzene  
Concen: 57.126 ug/l  
RT: 15.007 min Scan# 2162  
Delta R.T. 0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

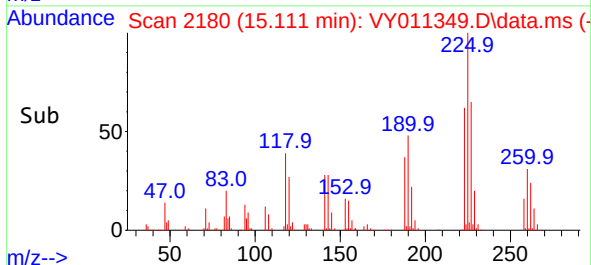
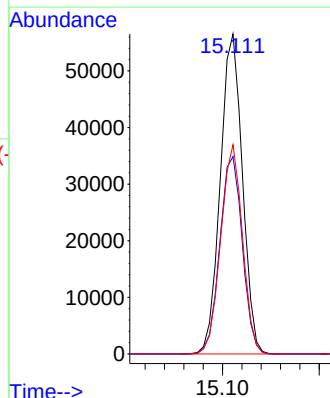
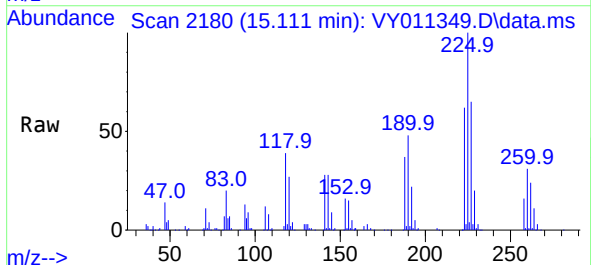
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

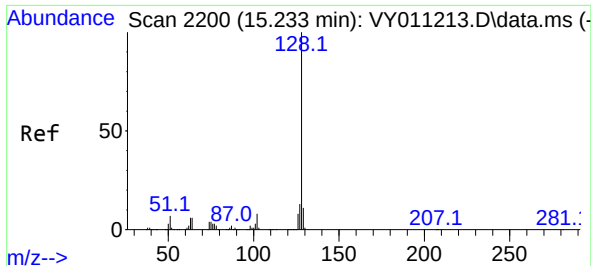
Tgt Ion:180 Resp: 160595  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.3 141.9  
145 29.9 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 54.689 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion:225 Resp: 89521  
Ion Ratio Lower Upper  
225 100  
223 62.9 30.8 92.3  
227 64.2 31.6 94.7

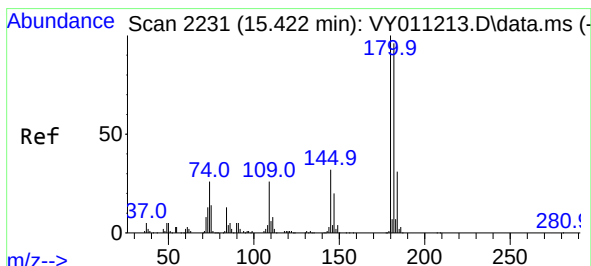
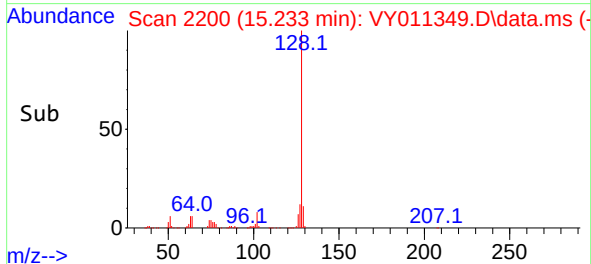
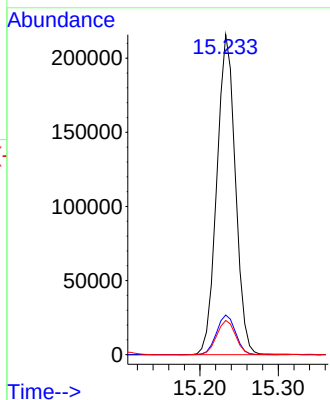
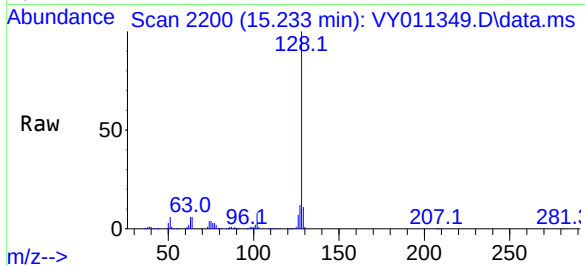




#95  
Naphthalene  
Concen: 53.761 ug/l  
RT: 15.233 min Scan# 2117  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 355517  
Ion Ratio Lower Upper  
128 100  
127 12.7 11.0 16.4  
129 10.9 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 58.223 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY011349.D  
Acq: 07 Nov 2022 20:34

Tgt Ion:180 Resp: 143845  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.3 141.9  
145 32.1 15.3 45.9

