

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY121522\  
 Data File : VY011886.D  
 Acq On : 15 Dec 2022 20:39  
 Operator : KP/MD  
 Sample : N6038-29MSD  
 Misc : 3.76g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RB-42-(3-5)MSD

Quant Time: Dec 16 00:16:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y120922S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Dec 10 04:19:59 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 189961   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 284394   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 241083   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 103045   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 61988    | 47.589   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 95.180%  |
| 35) Dibromofluoromethane    | 7.716  | 113   | 65187    | 51.725   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 103.440% |
| 50) Toluene-d8              | 10.179 | 98    | 186812   | 44.344   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 88.680%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 70493    | 42.024   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 84.040%  |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 41065  | 48.584  | ug/l   | 98  |
| 3) Chloromethane             | 2.113 | 50  | 46366  | 45.248  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.253 | 62  | 57142  | 46.837  | ug/l   | 97  |
| 5) Bromomethane              | 2.656 | 94  | 37514  | 45.639  | ug/l   | 92  |
| 6) Chloroethane              | 2.796 | 64  | 40818  | 43.332  | ug/l   | 94  |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 116180 | 44.491  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.527 | 74  | 39917  | 43.641  | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 69991  | 44.900  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.088 | 142 | 66734  | 36.564  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 33245  | 215.364 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 60442  | 42.994  | ug/l   | 95  |
| 13) Acrolein                 | 3.729 | 56  | 21306  | 79.563  | ug/l   | 99  |
| 14) Allyl chloride           | 4.478 | 41  | 100752 | 43.144  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.161 | 53  | 106286 | 216.495 | ug/l   | 100 |
| 16) Acetone                  | 3.948 | 43  | 87706  | 169.089 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.198 | 76  | 121559 | 37.862  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.478 | 43  | 137183 | 113.293 | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 212163 | 48.199  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.716 | 84  | 95175  | 51.750  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 66368  | 42.003  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.118 | 45  | 236911 | 46.499  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.063 | 43  | 166399 | 57.248  | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.021 | 63  | 141368 | 45.660  | ug/l   | 99  |
| 25) 2-Butanone               | 6.990 | 43  | 132340 | 198.351 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 129090 | 44.317  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 86549  | 44.817  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.332 | 49  | 56071  | 49.745  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 89675  | 236.140 | ug/l   | 99  |
| 30) Chloroform               | 7.508 | 83  | 155312 | 46.923  | ug/l   | 99  |
| 31) Cyclohexane              | 7.789 | 56  | 100436 | 45.096  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 7.703 | 97  | 139148 | 47.138  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 96990  | 44.942  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.075 | 43  | 35069  | 27.795  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 124225 | 49.003  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.185 | 83  | 101685 | 41.875  | ug/l   | 99  |
| 40) Benzene                  | 8.161 | 78  | 301042 | 46.693  | ug/l   | 98  |

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 Sample : N6038-29MSD  
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 ALS Vial : 28 Sample Multiplier: 1

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 MSVOA\_Y  
 ClientSampleId :  
 RB-42-(3-5)MSD

Quant Time: Dec 16 00:16:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y120922S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Dec 10 04:19:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 79846    | 125.360 | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 96703    | 48.504  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 76751    | 33.547  | ug/l   | 95       |
| 44) Trichloroethene           | 8.941  | 130  | 81551    | 45.165  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 79857    | 47.857  | ug/l   | 100      |
| 46) Dibromomethane            | 9.307  | 93   | 45410    | 48.615  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.496  | 83   | 118515   | 49.113  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.295  | 41   | 55020    | 54.557  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 10616    | 820.398 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 310708   | 246.471 | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 193170   | 47.130  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 108343   | 44.949  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 121619   | 44.908  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 69597    | 50.411  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 57052    | 32.012  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 113007   | 49.106  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 205619   | 248.813 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.831 | 43   | 194657   | 216.118 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.983 | 129  | 86287    | 49.901  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 59424    | 47.512  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 80167    | 47.000  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.514 | 112  | 199190   | 45.855  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 86837    | 51.530  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 363124   | 47.442  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 277464   | 94.658  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 135787   | 48.600  | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 219036   | 45.933  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 52845    | 50.840  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 362374   | 54.278  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 43815    | 27.296  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 75986    | 58.441  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 98455    | 94.437  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 80924    | 51.914  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 408889   | 51.106  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 229639   | 50.291  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 295569   | 52.377  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 23229    | 50.560  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 229707   | 48.502  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 259070   | 52.724  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 286681   | 51.596  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 358018   | 48.924  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 294524   | 48.357  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 144415   | 46.037  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 141594   | 45.415  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 227668   | 41.120  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 56599    | 46.766  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 132735   | 47.021  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 12326    | 54.375  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 55915    | 33.961  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 29146    | 27.861  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 131522   | 41.244  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 48490    | 34.096  | ug/l   | 99       |

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MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

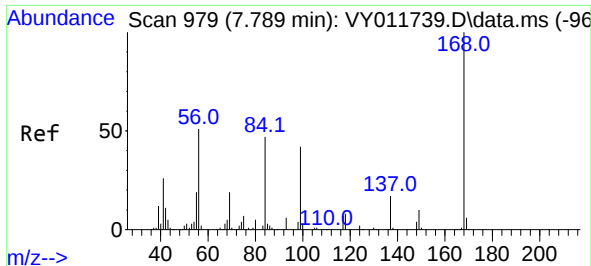
Quant Time: Dec 16 00:16:57 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y120922S.M  
Quant Title : SW846 8260  
QLast Update : Sat Dec 10 04:19:59 2022  
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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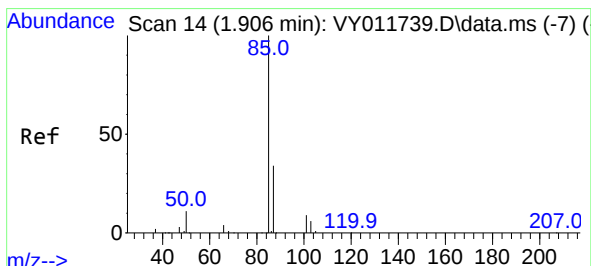
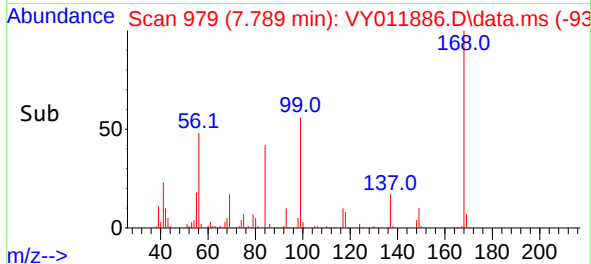
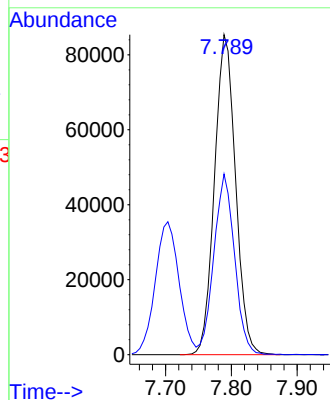
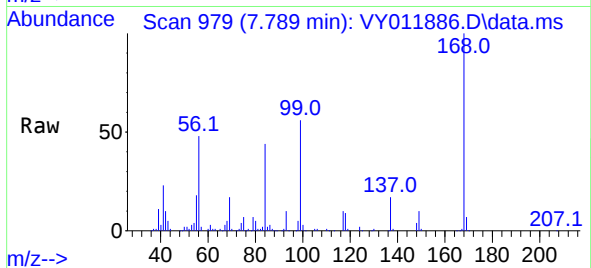




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

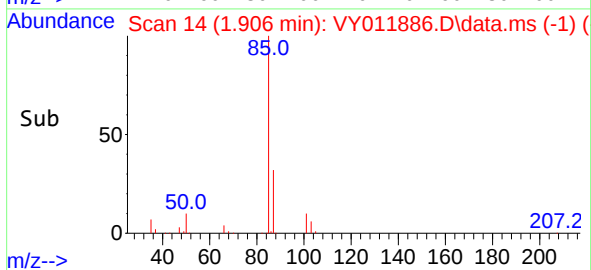
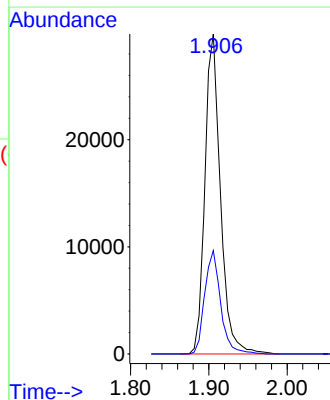
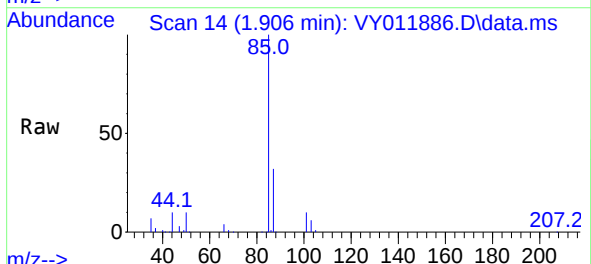
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

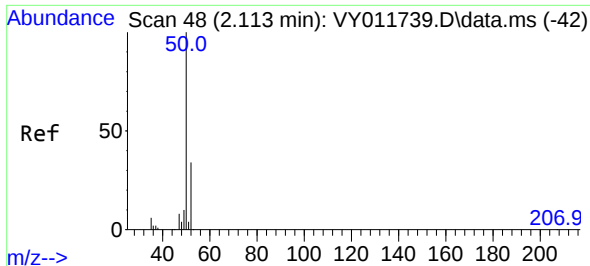
Tgt Ion:168 Resp: 189961  
Ion Ratio Lower Upper  
168 100  
99 56.3 44.0 66.0



#2  
Dichlorodifluoromethane  
Concen: 48.584 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 85 Resp: 41065  
Ion Ratio Lower Upper  
85 100  
87 32.3 16.8 50.4

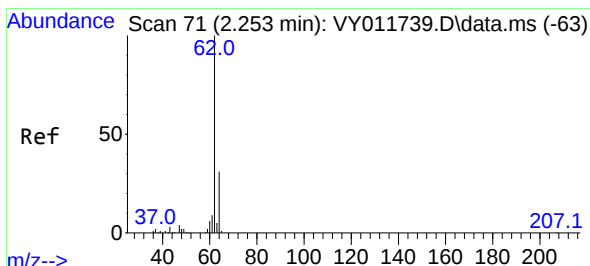
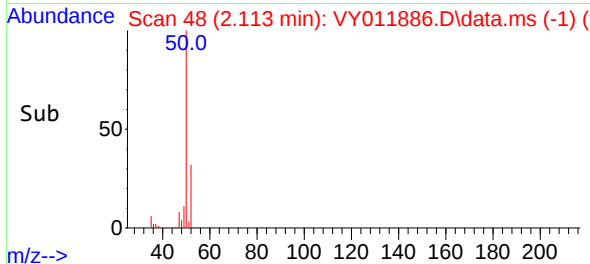
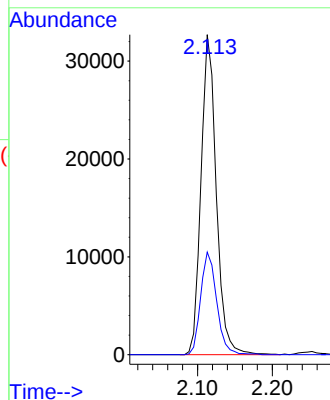
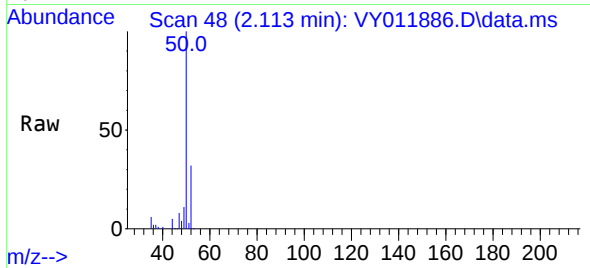




#3  
Chloromethane  
Concen: 45.248 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

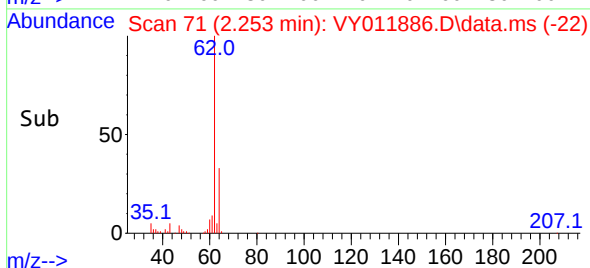
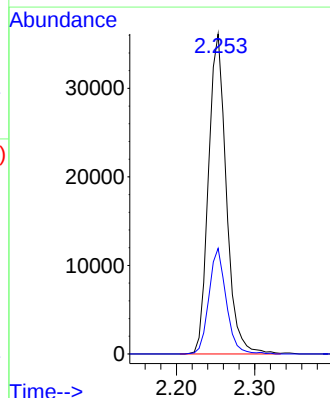
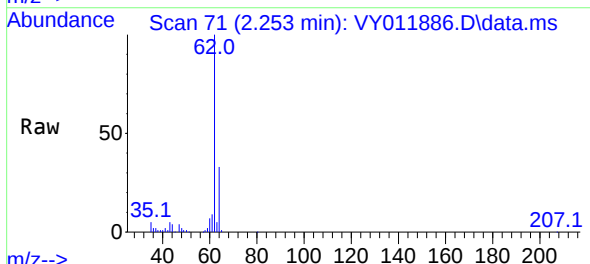
Instrument :  
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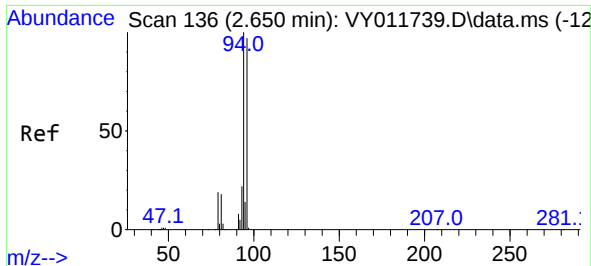
Tgt Ion: 50 Resp: 46366  
Ion Ratio Lower Upper  
50 100  
52 32.0 26.8 40.2



#4  
Vinyl Chloride  
Concen: 46.837 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 62 Resp: 57142  
Ion Ratio Lower Upper  
62 100  
64 33.0 25.0 37.6

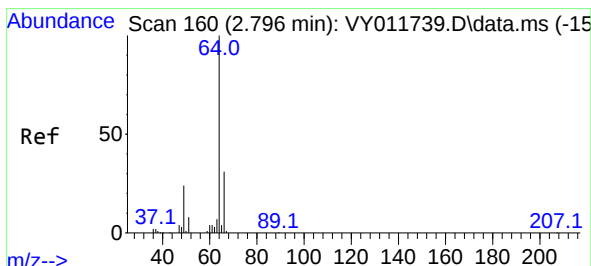
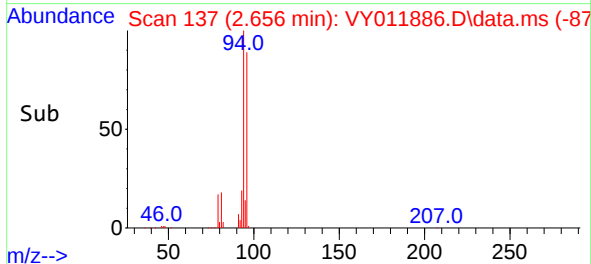
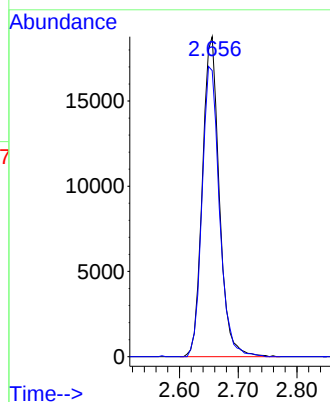
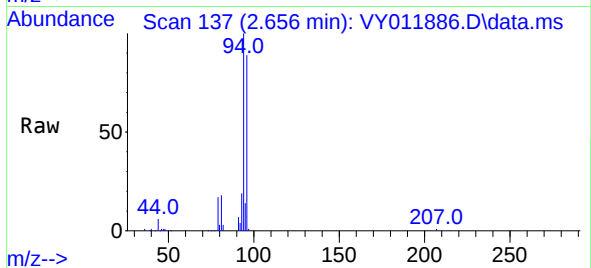




#5  
Bromomethane  
Concen: 45.639 ug/l  
RT: 2.656 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

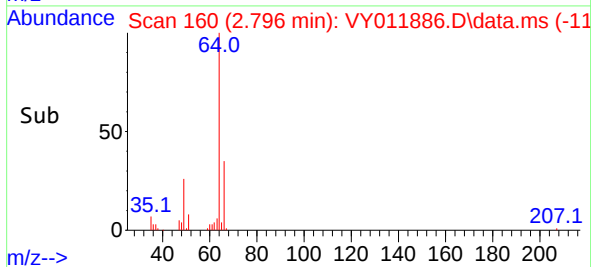
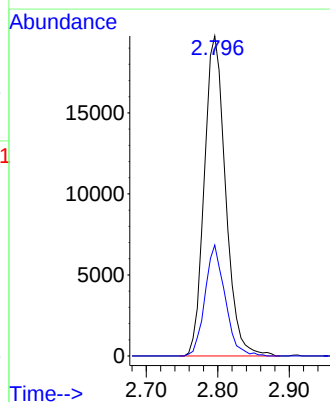
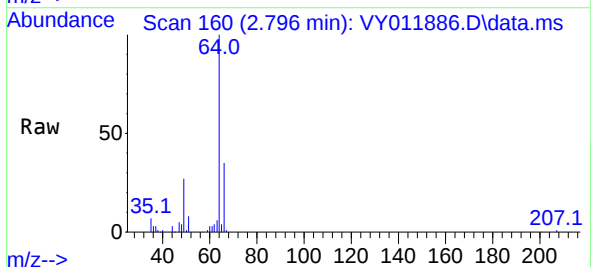
Instrument :  
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RB-42-(3-5)MSD

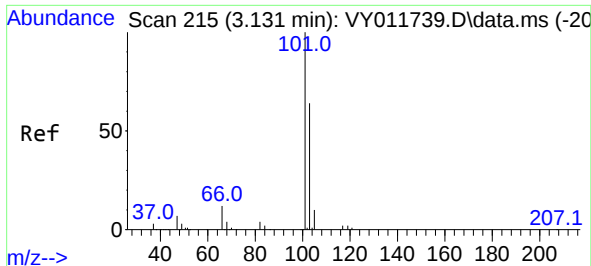
Tgt Ion: 94 Resp: 37514  
Ion Ratio Lower Upper  
94 100  
96 89.4 77.4 116.2



#6  
Chloroethane  
Concen: 43.332 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 64 Resp: 40818  
Ion Ratio Lower Upper  
64 100  
66 34.7 25.0 37.4

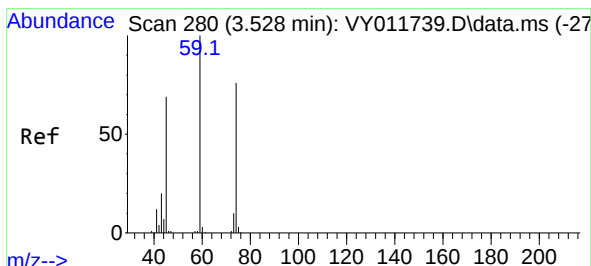
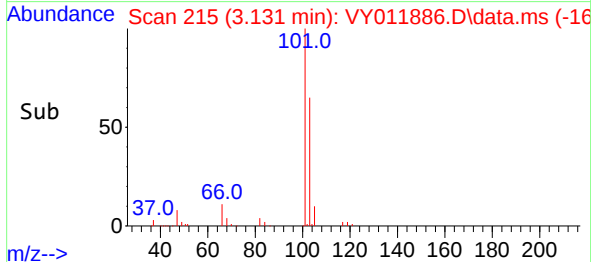
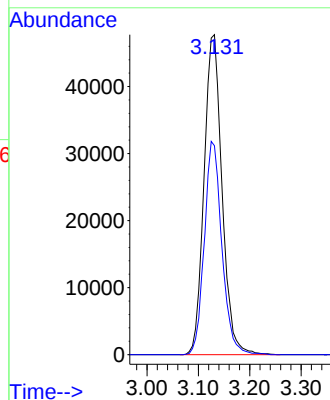
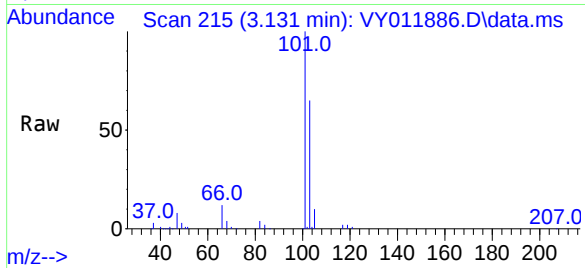




#7  
Trichlorofluoromethane  
Concen: 44.491 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

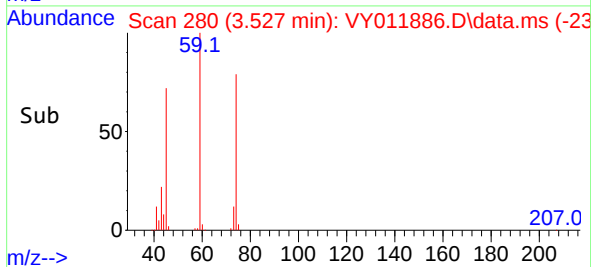
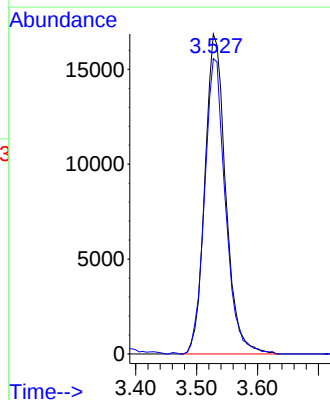
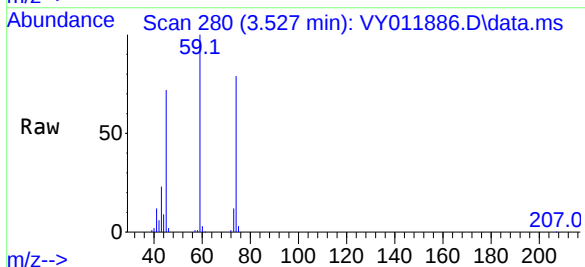
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

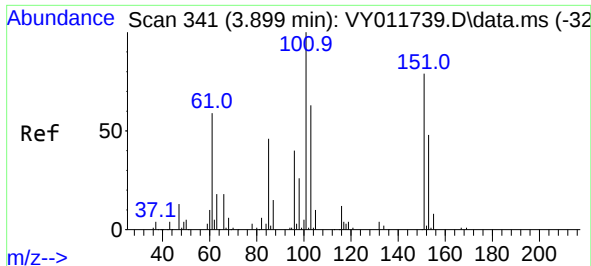
Tgt Ion:101 Resp: 116180  
Ion Ratio Lower Upper  
101 100  
103 65.3 51.0 76.6



#8  
Diethyl Ether  
Concen: 43.641 ug/l  
RT: 3.527 min Scan# 280  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 74 Resp: 39917  
Ion Ratio Lower Upper  
74 100  
45 93.1 46.8 140.3

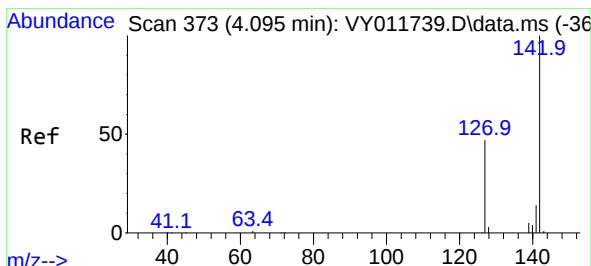
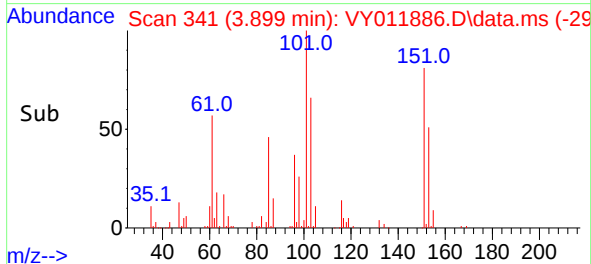
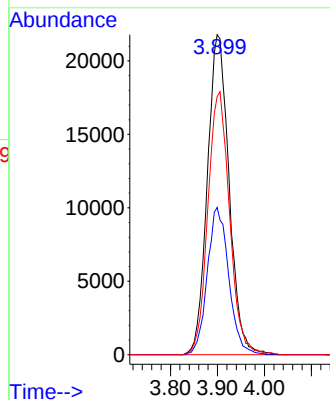
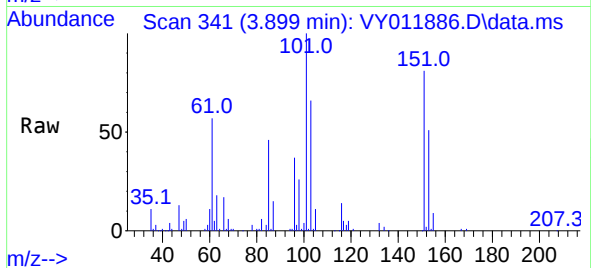




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.900 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

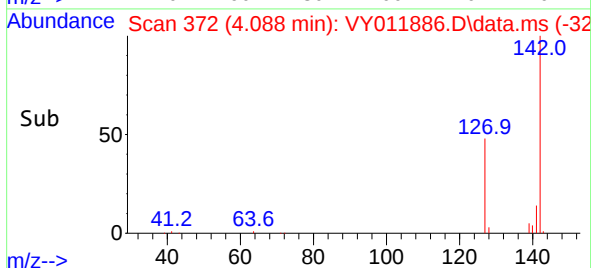
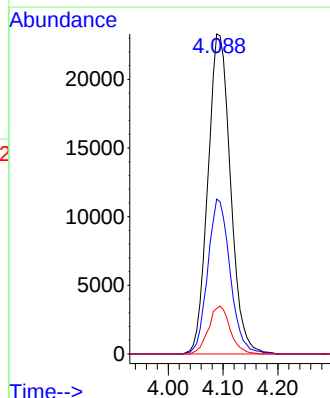
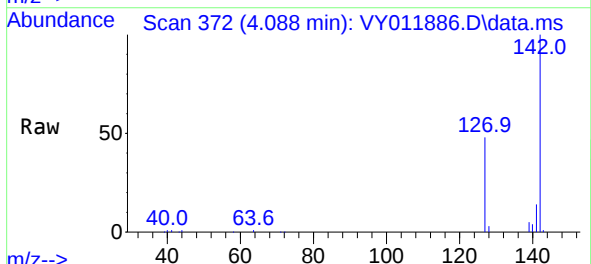
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

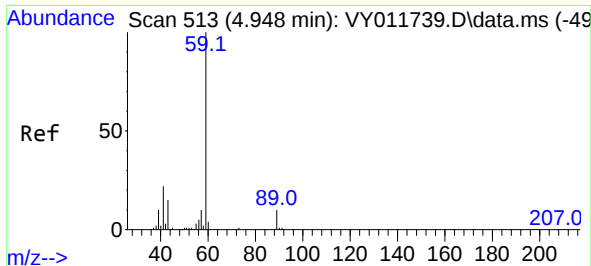
Tgt Ion:101 Resp: 69991  
Ion Ratio Lower Upper  
101 100  
85 45.4 36.2 54.2  
151 82.0 64.2 96.2



#10  
Methyl Iodide  
Concen: 36.564 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. -0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion:142 Resp: 66734  
Ion Ratio Lower Upper  
142 100  
127 48.1 37.0 55.4  
141 14.3 11.4 17.0

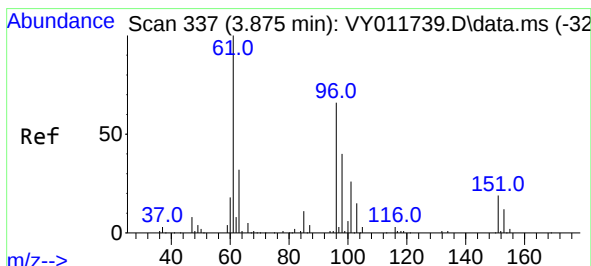
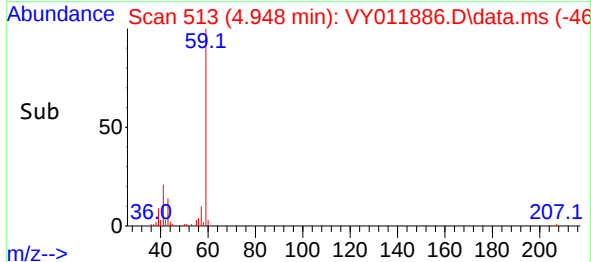
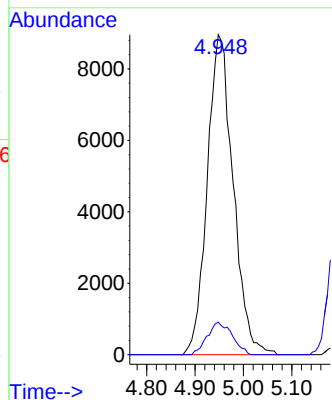
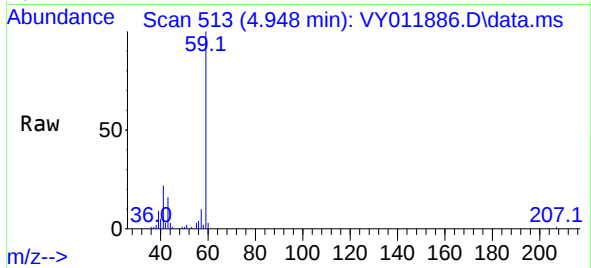




#11  
Tert butyl alcohol  
Concen: 215.364 ug/l  
RT: 4.948 min Scan# 513  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

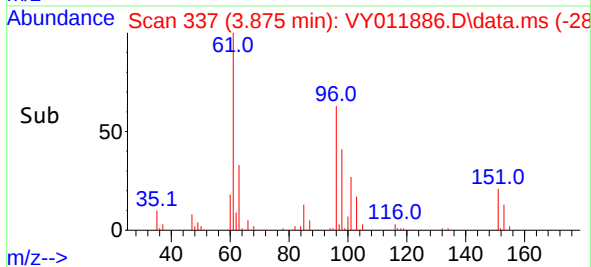
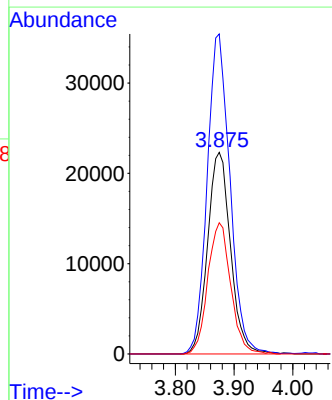
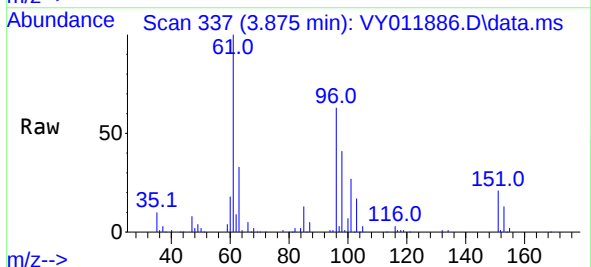
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

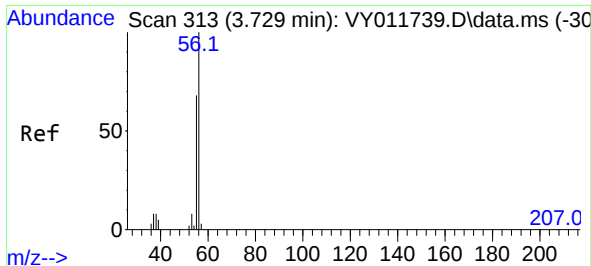
Tgt Ion: 59 Resp: 33245  
Ion Ratio Lower Upper  
59 100  
57 9.8 7.4 11.2



#12  
1,1-Dichloroethene  
Concen: 42.994 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 96 Resp: 60442  
Ion Ratio Lower Upper  
96 100  
61 158.7 122.0 183.0  
98 65.1 48.6 73.0

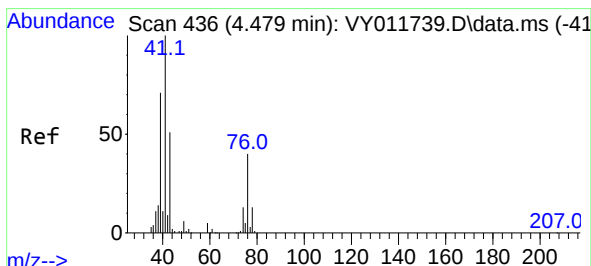
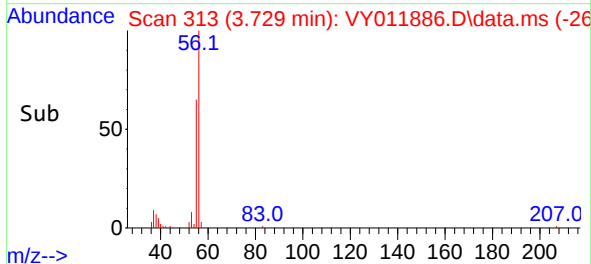
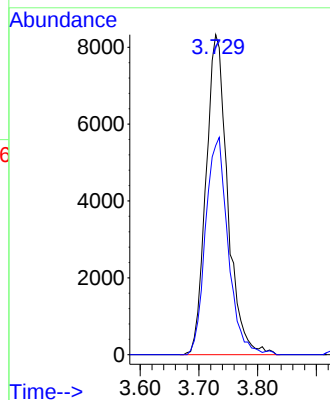
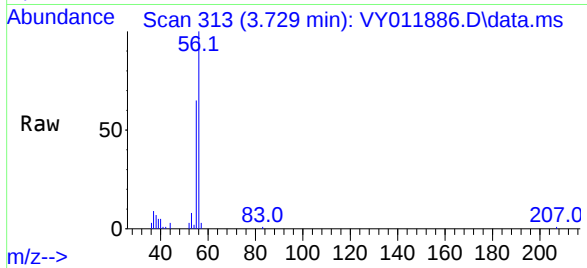




#13  
Acrolein  
Concen: 79.563 ug/l  
RT: 3.729 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

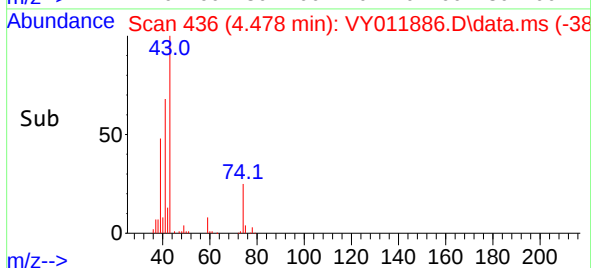
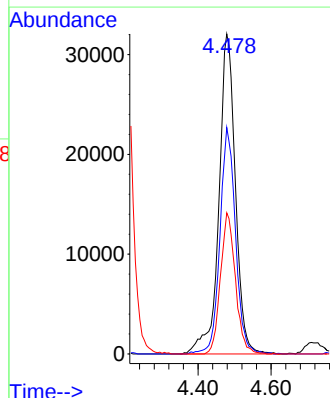
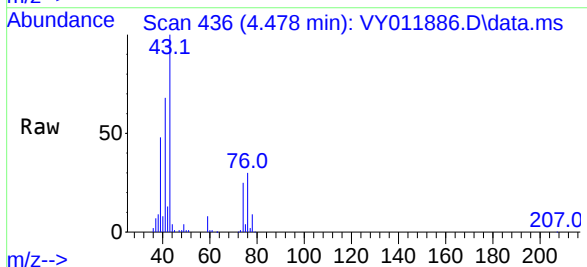
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

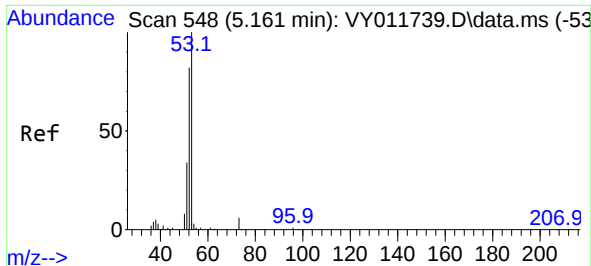
Tgt Ion: 56 Resp: 21306  
Ion Ratio Lower Upper  
56 100  
55 70.3 56.6 85.0



#14  
Allyl chloride  
Concen: 43.144 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

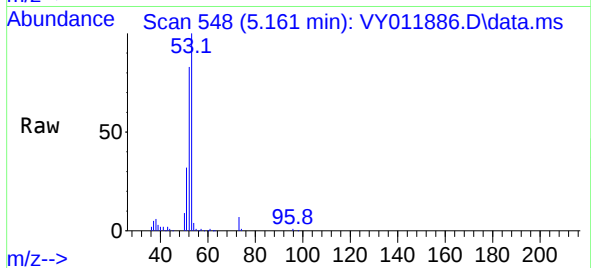
Tgt Ion: 41 Resp: 100752  
Ion Ratio Lower Upper  
41 100  
39 67.0 53.5 80.3  
76 39.9 31.1 46.7



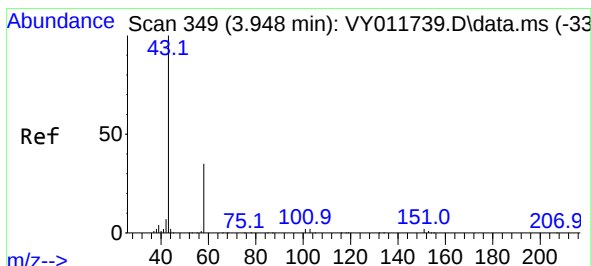
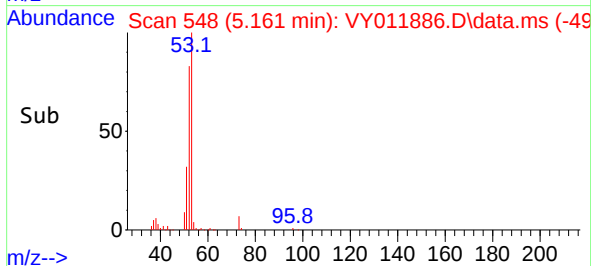
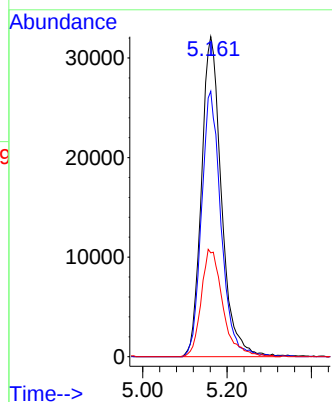


#15  
Acrylonitrile  
Concen: 216.495 ug/l  
RT: 5.161 min Scan# 548  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

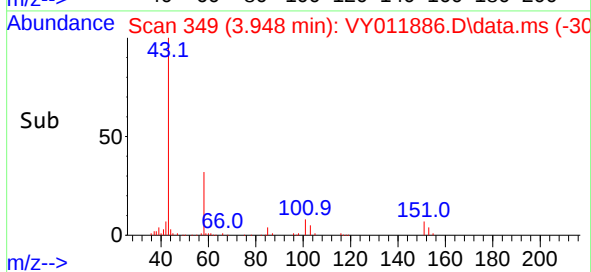
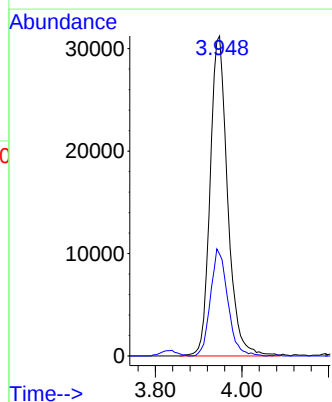
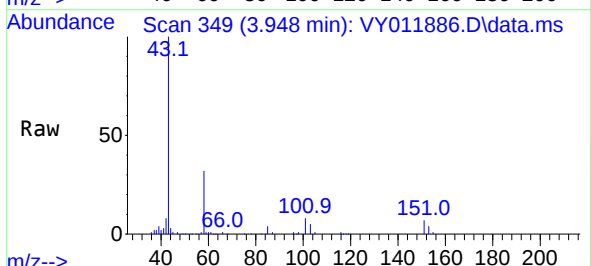


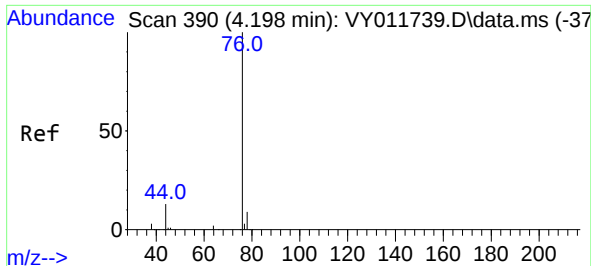
Tgt Ion: 53 Resp: 106286  
Ion Ratio Lower Upper  
53 100  
52 81.0 65.1 97.7  
51 36.1 28.7 43.1



#16  
Acetone  
Concen: 169.089 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 43 Resp: 87706  
Ion Ratio Lower Upper  
43 100  
58 31.6 27.9 41.9

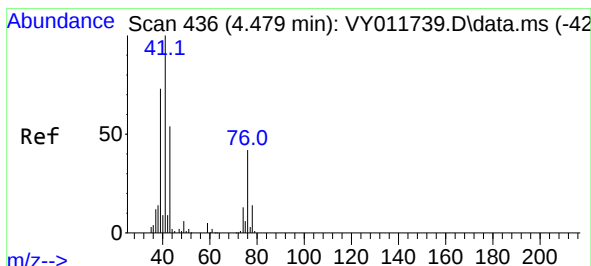
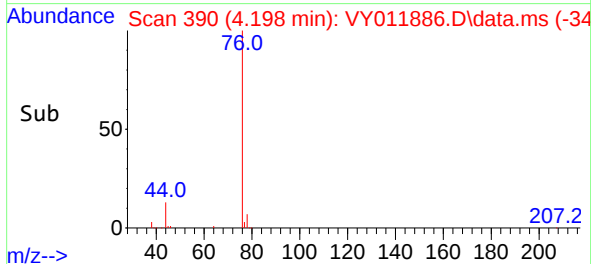
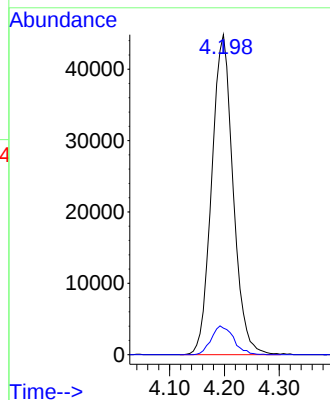
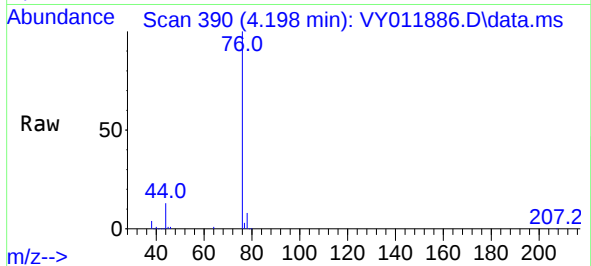




#17  
Carbon Disulfide  
Concen: 37.862 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

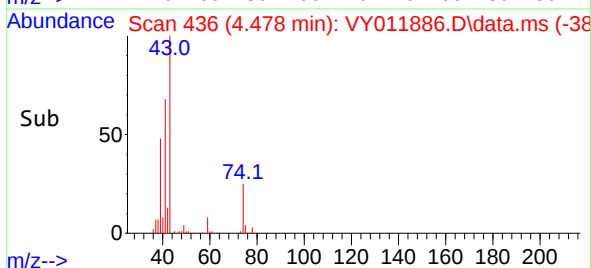
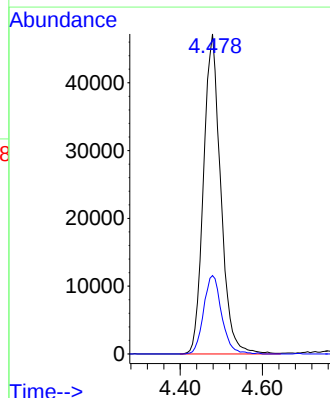
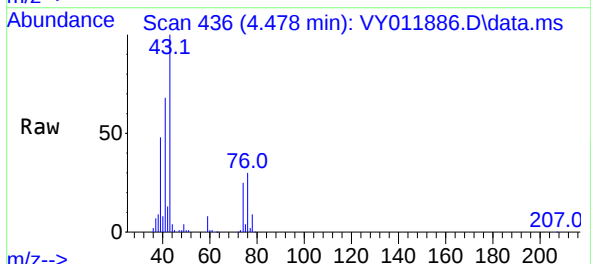
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

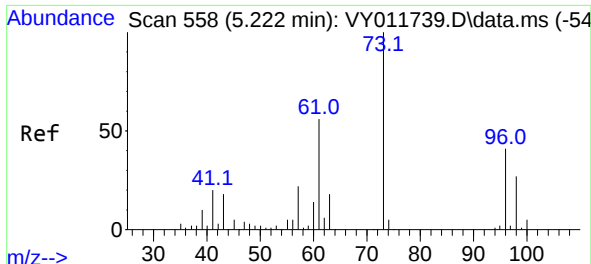
Tgt Ion: 76 Resp: 121559  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.2 10.8



#18  
Methyl Acetate  
Concen: 113.293 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. -0.001 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 43 Resp: 137183  
Ion Ratio Lower Upper  
43 100  
74 25.6 20.1 30.1

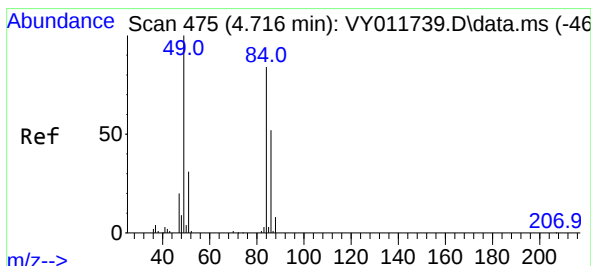
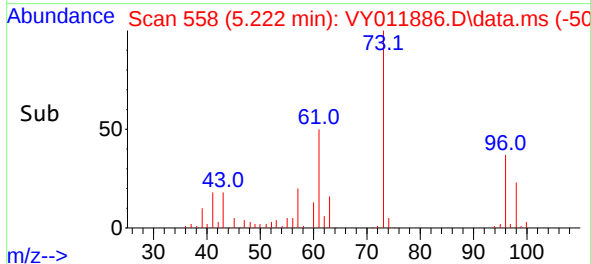
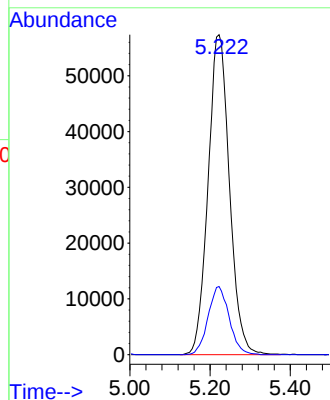
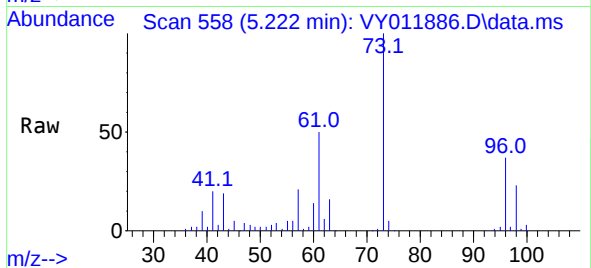




#19  
Methyl tert-butyl Ether  
Concen: 48.199 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

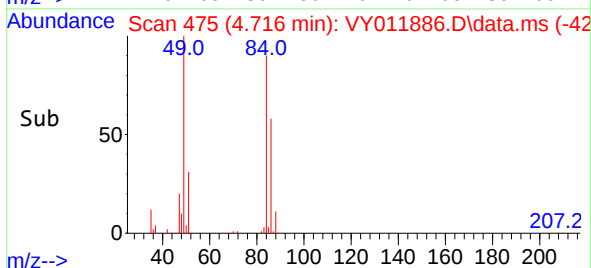
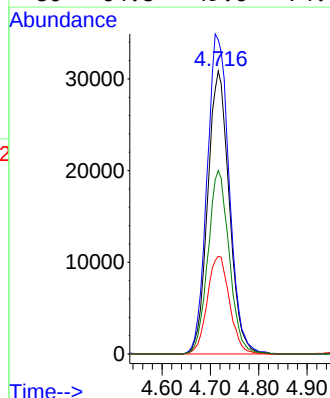
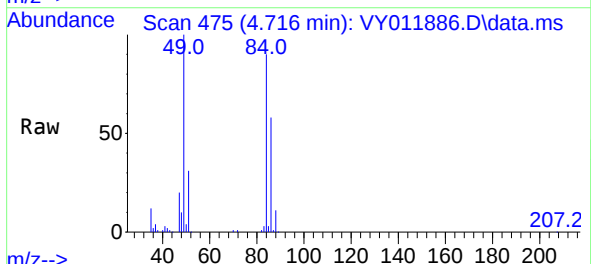
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

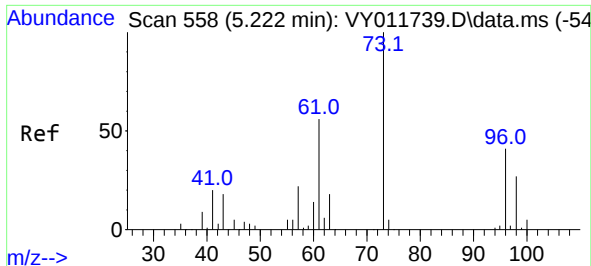
Tgt Ion: 73 Resp: 212163  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.4 26.0



#20  
Methylene Chloride  
Concen: 51.750 ug/l  
RT: 4.716 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 84 Resp: 95175  
Ion Ratio Lower Upper  
84 100  
49 111.0 95.4 143.2  
51 34.5 29.9 44.9  
86 64.8 49.6 74.4

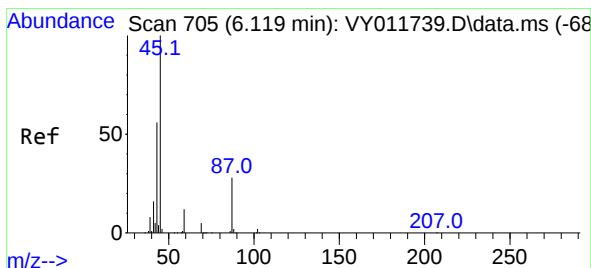
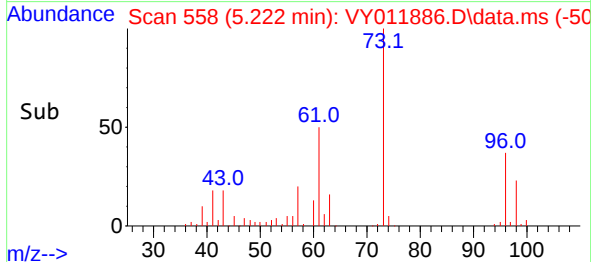
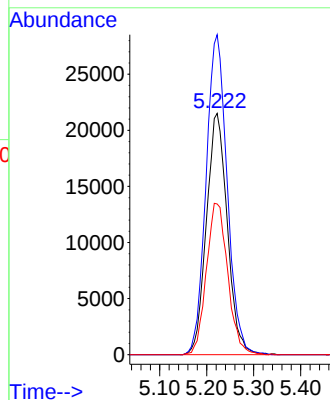
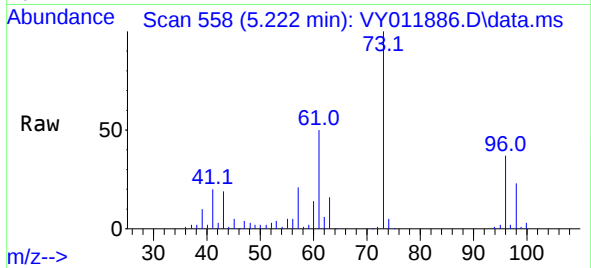




#21  
trans-1,2-Dichloroethene  
Concen: 42.003 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

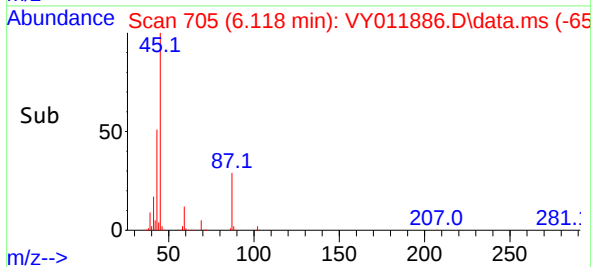
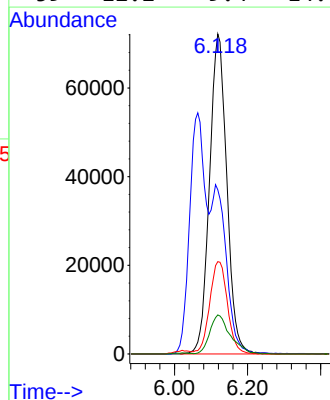
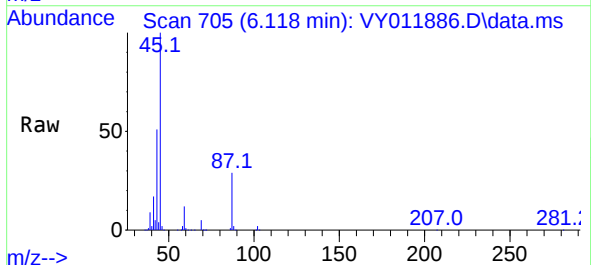
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

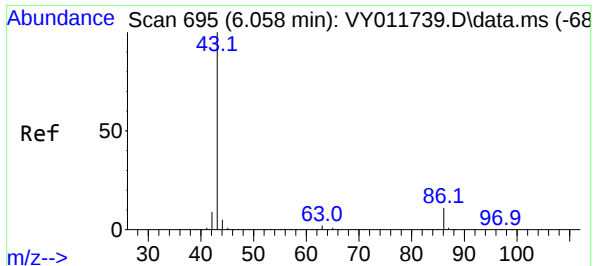
Tgt Ion: 96 Resp: 66368  
Ion Ratio Lower Upper  
96 100  
61 132.6 108.0 162.0  
98 62.5 51.6 77.4



#22  
Diisopropyl ether  
Concen: 46.499 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 45 Resp: 236911  
Ion Ratio Lower Upper  
45 100  
43 51.1 45.0 67.4  
87 28.9 22.6 33.8  
59 12.2 9.4 14.0

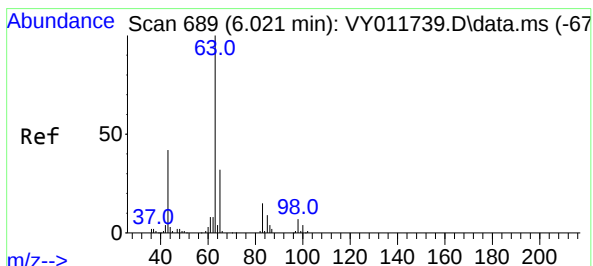
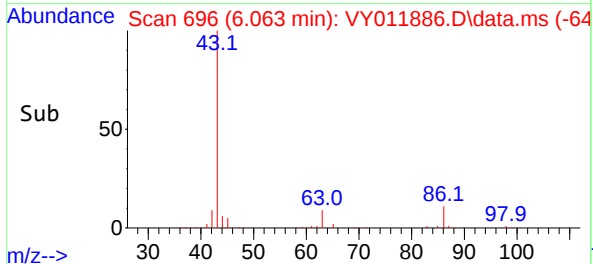
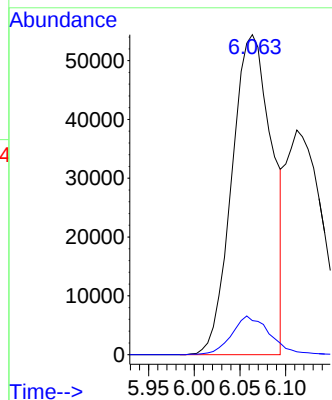
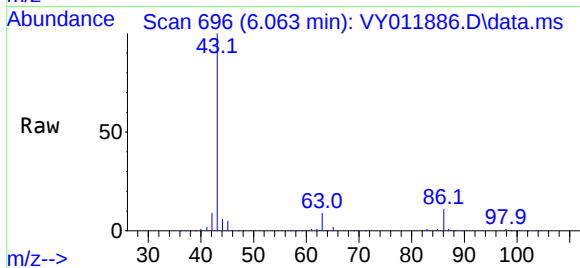




#23  
 Vinyl Acetate  
 Concen: 57.248 ug/l  
 RT: 6.063 min Scan# 695  
 Delta R.T. 0.006 min  
 Lab File: VY011886.D  
 Acq: 15 Dec 2022 20:39

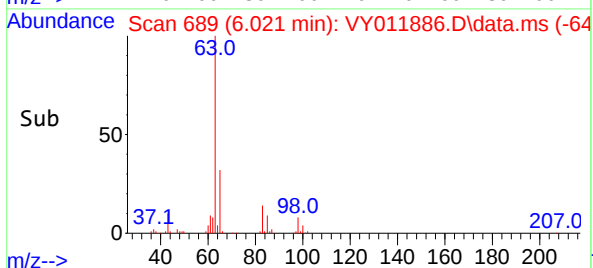
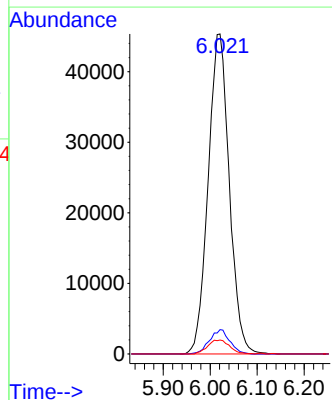
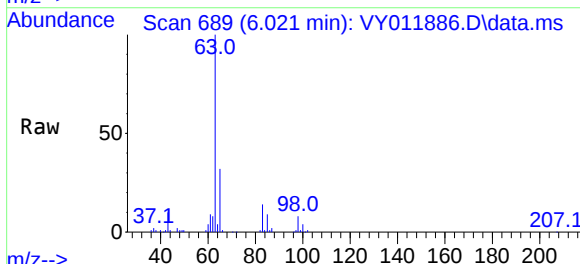
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RB-42-(3-5)MSD

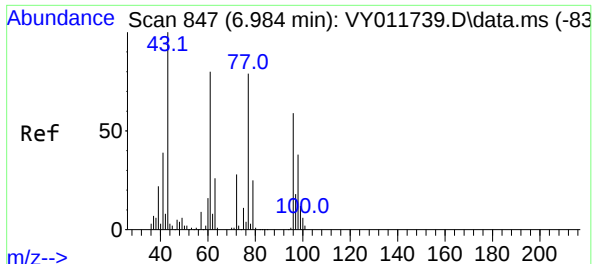
Tgt Ion: 43 Resp: 166399  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 9.0 13.4



#24  
 1,1-Dichloroethane  
 Concen: 45.660 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. -0.000 min  
 Lab File: VY011886.D  
 Acq: 15 Dec 2022 20:39

Tgt Ion: 63 Resp: 141368  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.5 10.5  
 100 4.4 2.2 6.6

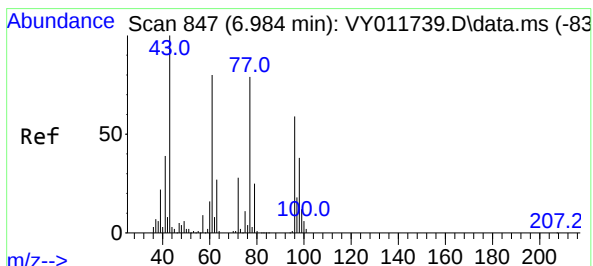
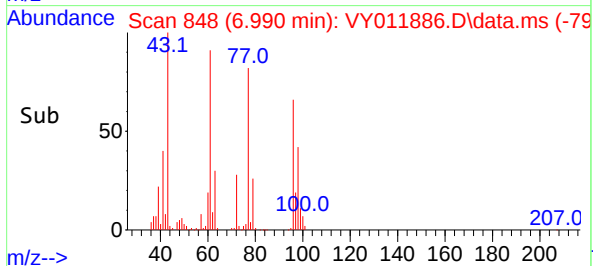
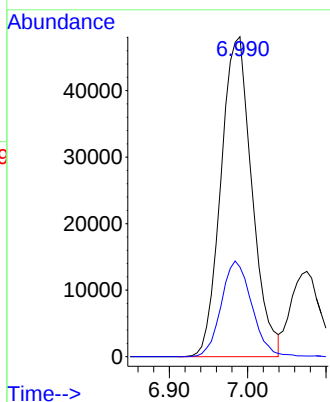
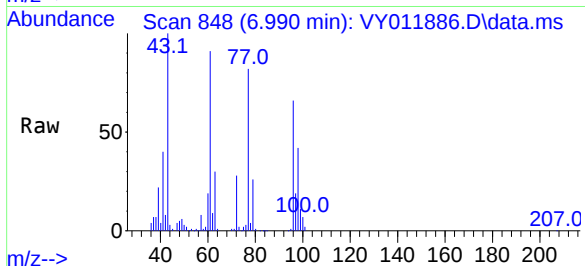




#25  
2-Butanone  
Concen: 198.351 ug/l  
RT: 6.990 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

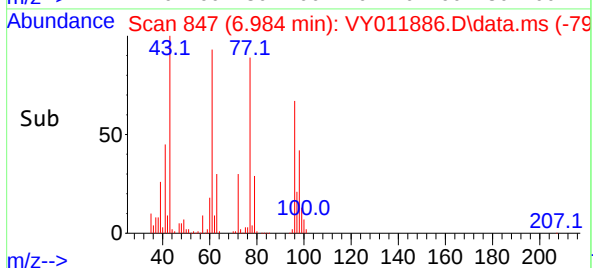
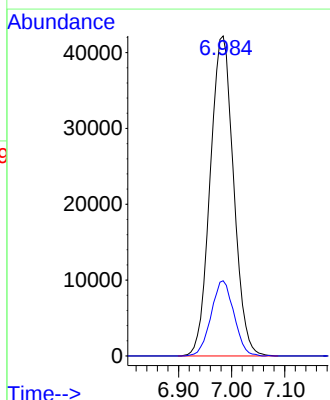
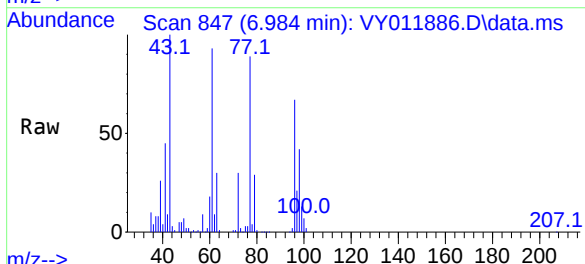
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

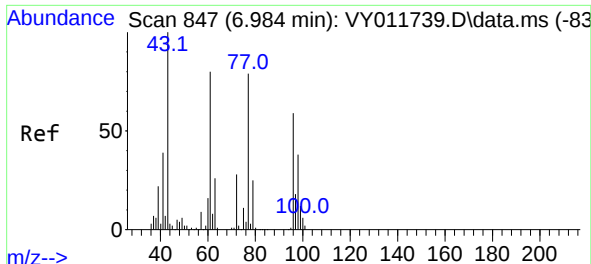
Tgt Ion: 43 Resp: 132340  
Ion Ratio Lower Upper  
43 100  
72 28.0 22.6 34.0



#26  
2,2-Dichloropropane  
Concen: 44.317 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 77 Resp: 129090  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.4 34.1

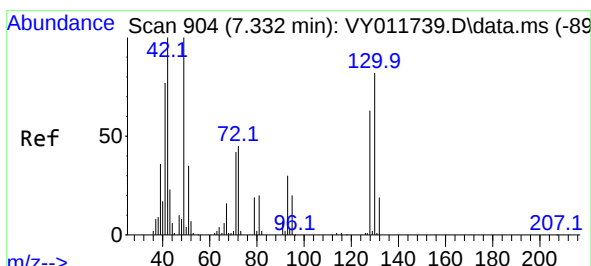
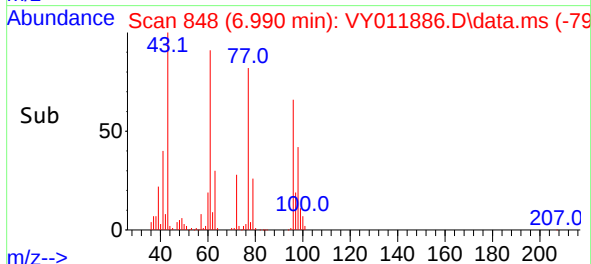
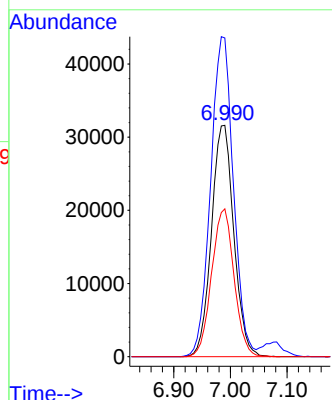
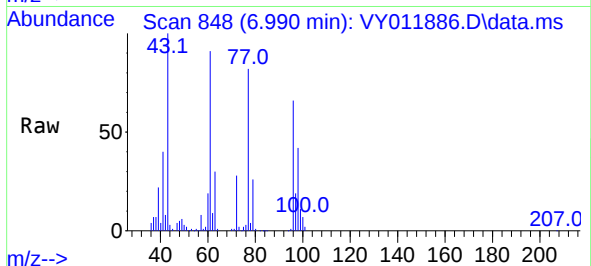




#27  
 cis-1,2-Dichloroethene  
 Concen: 44.817 ug/l  
 RT: 6.990 min Scan# 847  
 Delta R.T. 0.006 min  
 Lab File: VY011886.D  
 Acq: 15 Dec 2022 20:39

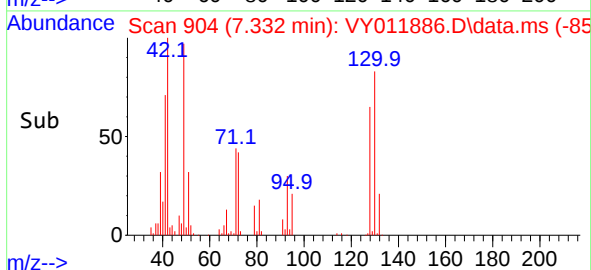
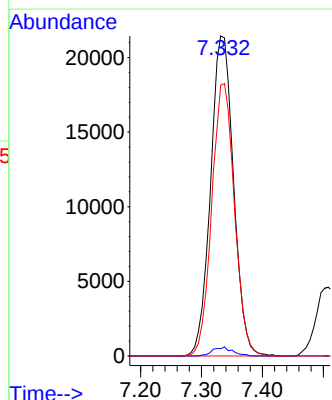
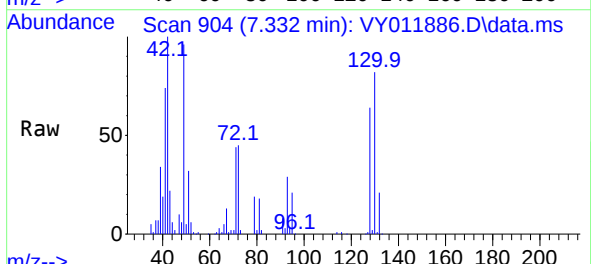
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RB-42-(3-5)MSD

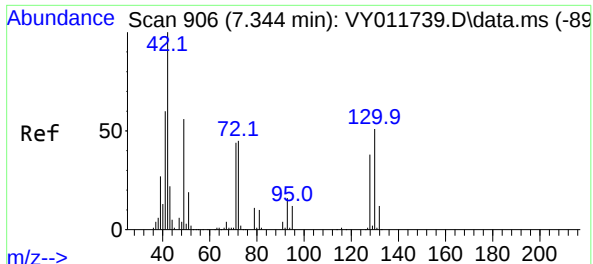
Tgt Ion: 96 Resp: 86549  
 Ion Ratio Lower Upper  
 96 100  
 61 140.8 0.0 283.4  
 98 64.2 0.0 127.6



#28  
 Bromochloromethane  
 Concen: 49.745 ug/l  
 RT: 7.332 min Scan# 904  
 Delta R.T. -0.000 min  
 Lab File: VY011886.D  
 Acq: 15 Dec 2022 20:39

Tgt Ion: 49 Resp: 56071  
 Ion Ratio Lower Upper  
 49 100  
 129 2.4 0.0 4.6  
 130 84.2 66.7 100.1

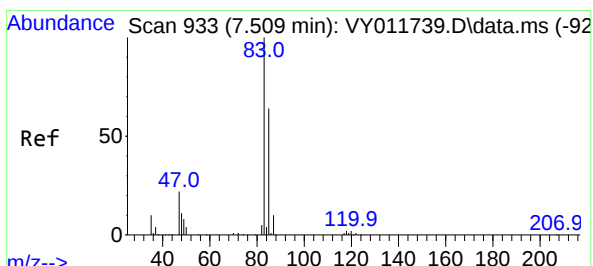
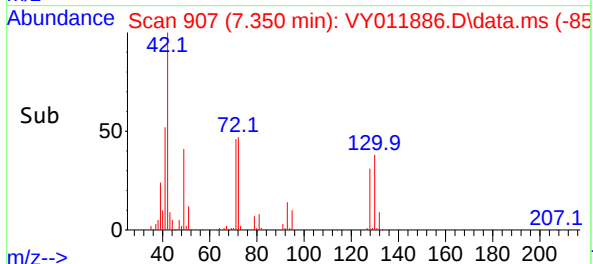
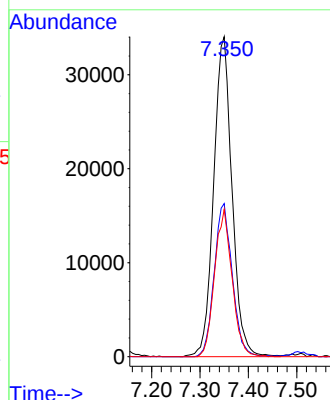
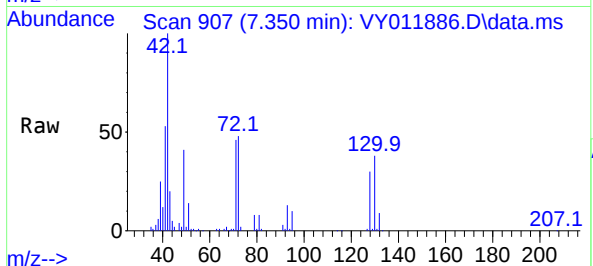




#29  
Tetrahydrofuran  
Concen: 236.140 ug/l  
RT: 7.350 min Scan# 906  
Delta R.T. 0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

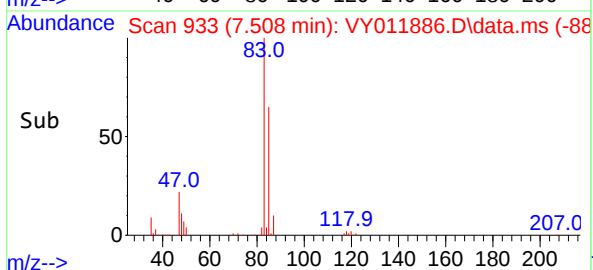
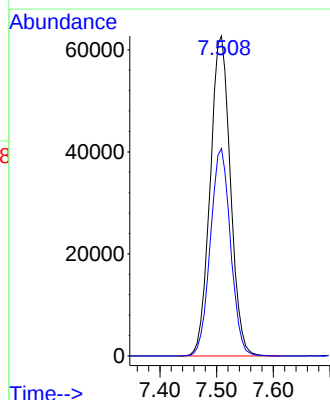
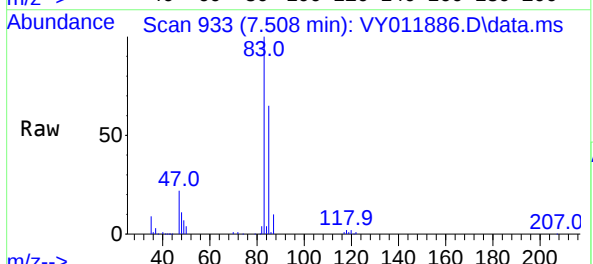
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

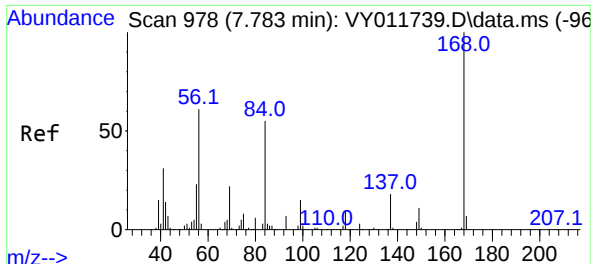
Tgt Ion: 42 Resp: 89675  
Ion Ratio Lower Upper  
42 100  
72 47.0 37.0 55.6  
71 44.0 34.9 52.3



#30  
Chloroform  
Concen: 46.923 ug/l  
RT: 7.508 min Scan# 933  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 83 Resp: 155312  
Ion Ratio Lower Upper  
83 100  
85 64.8 51.5 77.3

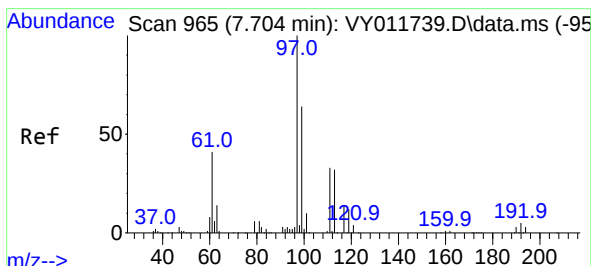
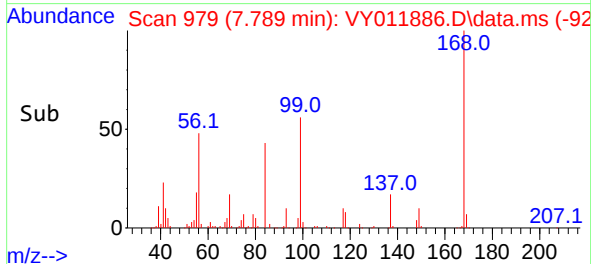
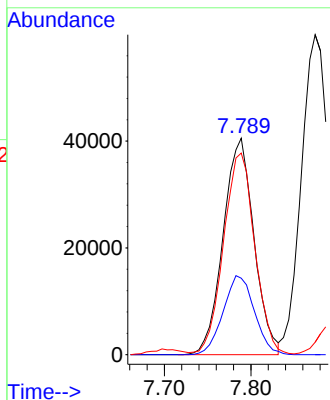
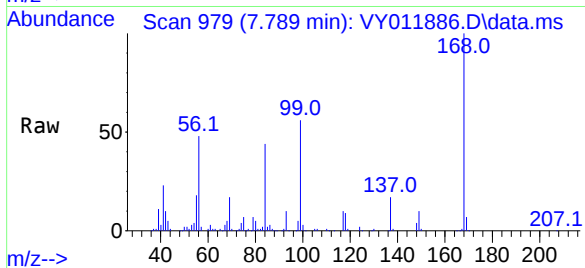




#31  
Cyclohexane  
Concen: 45.096 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

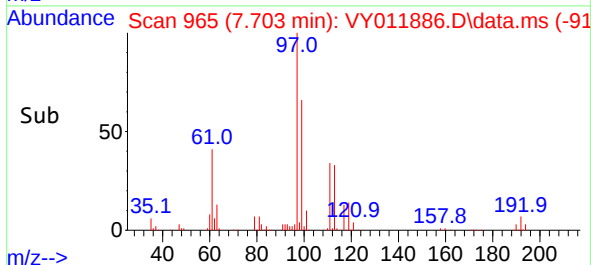
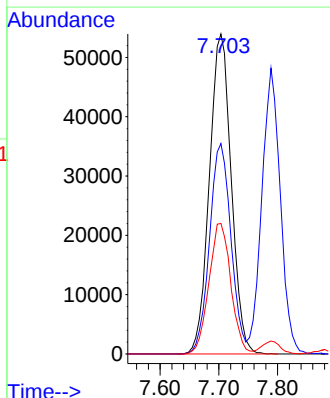
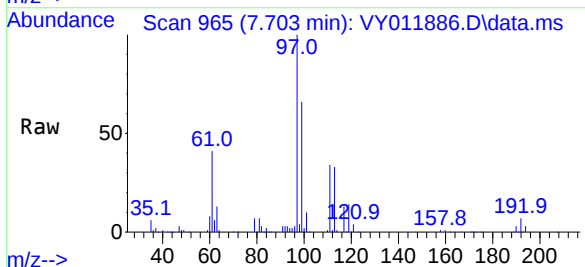
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

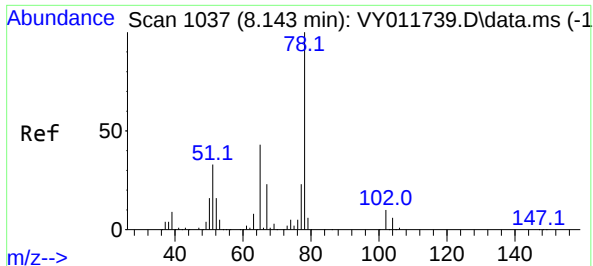
Tgt Ion: 56 Resp: 100436  
Ion Ratio Lower Upper  
56 100  
69 35.3 29.2 43.8  
84 91.2 72.6 108.8



#32  
1,1,1-Trichloroethane  
Concen: 47.138 ug/l  
RT: 7.703 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 97 Resp: 139148  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.0 76.4  
61 41.0 33.0 49.4

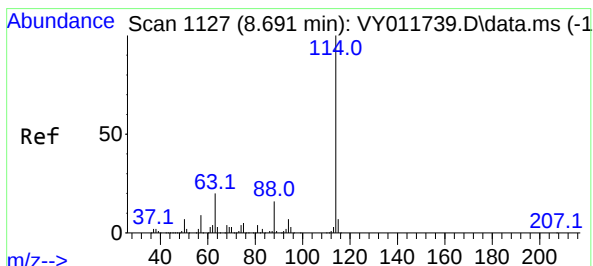
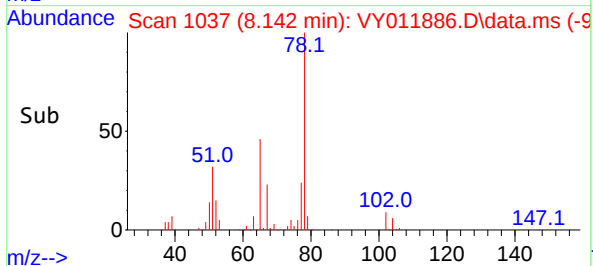
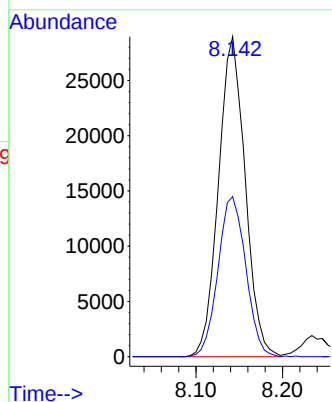
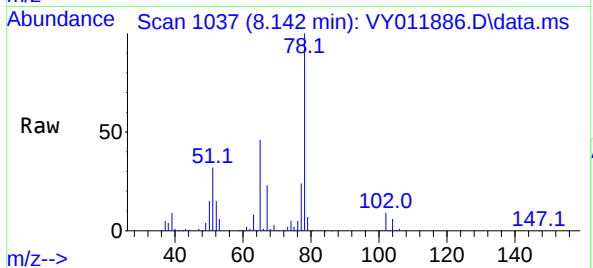




#33  
1,2-Dichloroethane-d4  
Concen: 47.589 ug/l  
RT: 8.142 min Scan# 1037  
Delta R.T. -0.001 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

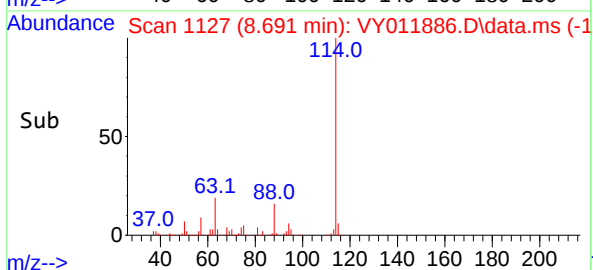
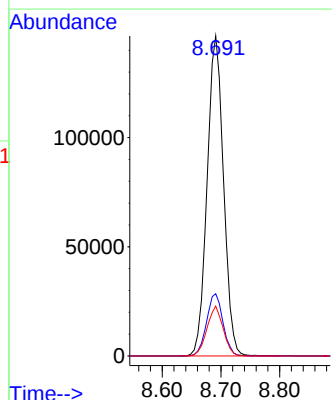
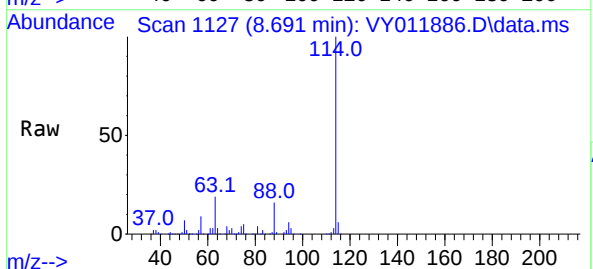
Instrument : MSVOA\_Y  
ClientSampleId : RB-42-(3-5)MSD

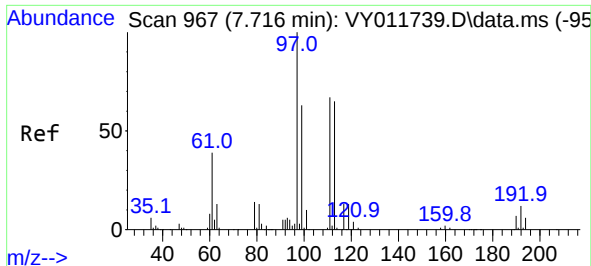
Tgt Ion: 65 Resp: 61988  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 103.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 114 Resp: 284394  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 39.6  
88 15.6 0.0 32.2

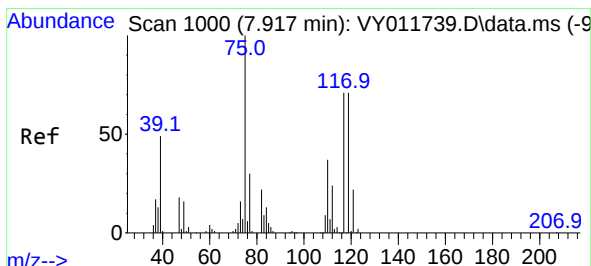
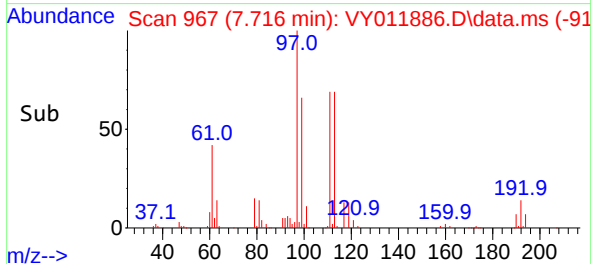
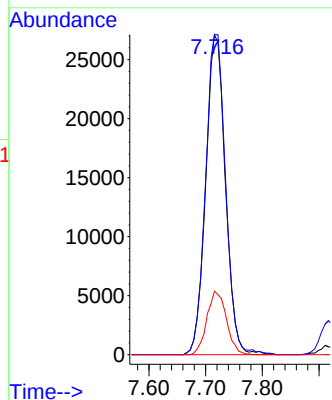
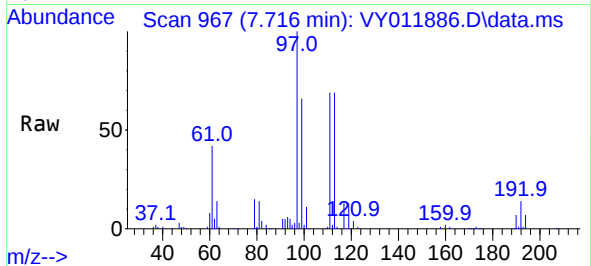




#35  
Dibromofluoromethane  
Concen: 51.725 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

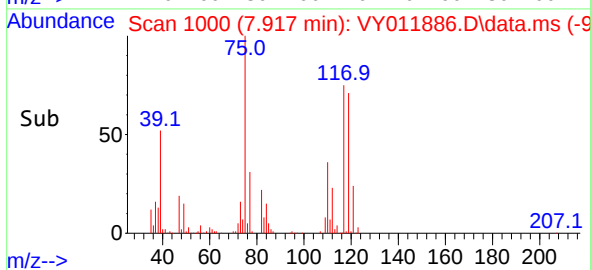
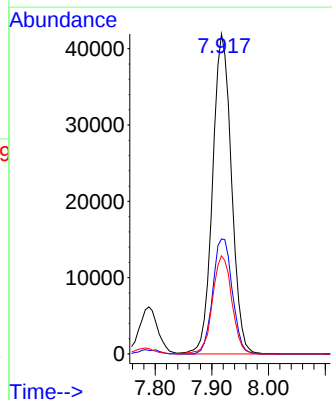
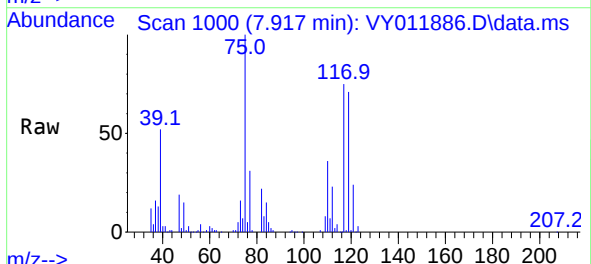
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

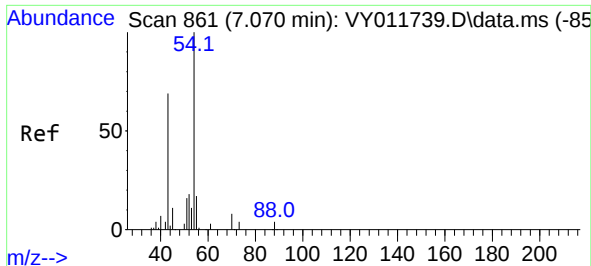
Tgt Ion:113 Resp: 65187  
Ion Ratio Lower Upper  
113 100  
111 102.3 83.0 124.4  
192 19.7 16.0 24.0



#36  
1,1-Dichloropropene  
Concen: 44.942 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 75 Resp: 96990  
Ion Ratio Lower Upper  
75 100  
110 37.1 18.1 54.1  
77 31.3 25.1 37.7

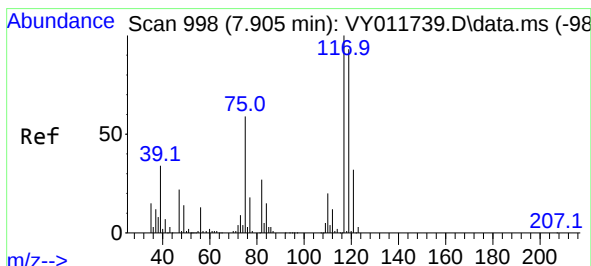
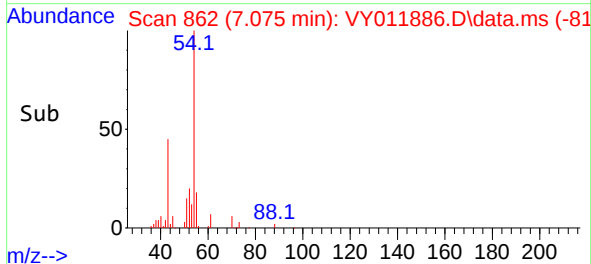
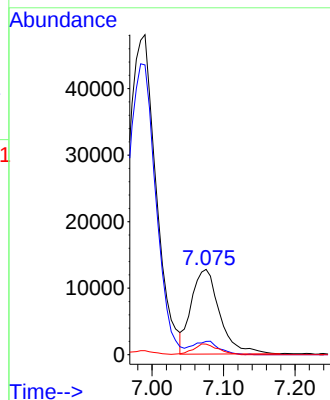
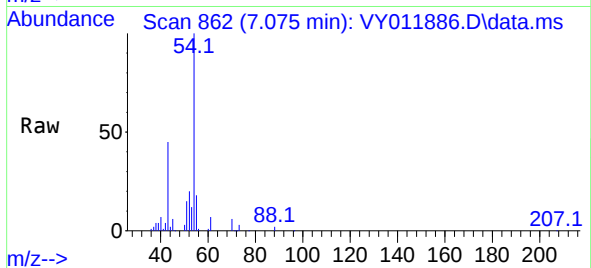




#37  
Ethyl Acetate  
Concen: 27.795 ug/l  
RT: 7.075 min Scan# 80  
Delta R.T. 0.005 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

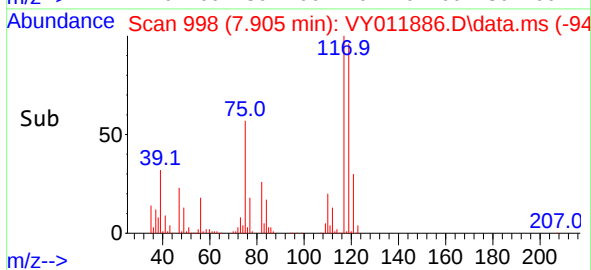
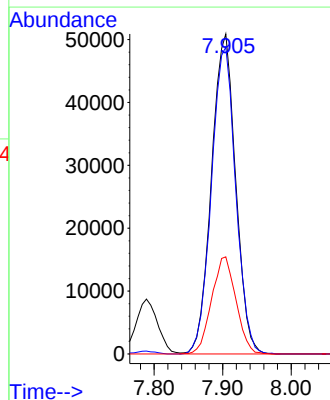
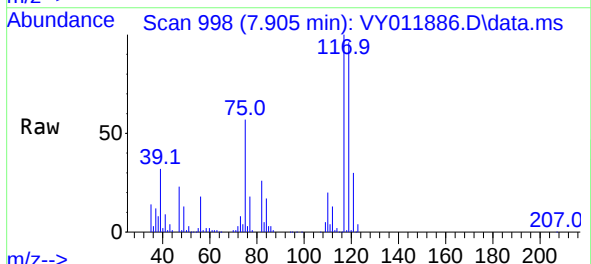
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

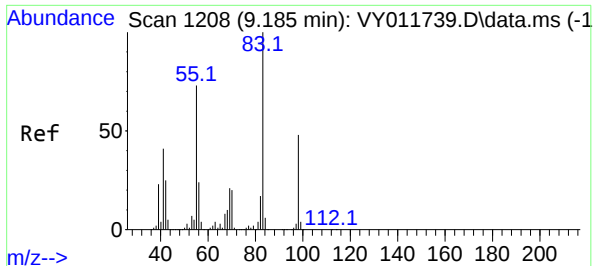
Tgt Ion: 43 Resp: 35069  
Ion Ratio Lower Upper  
43 100  
61 14.7 11.3 16.9  
70 11.1 8.2 12.4



#38  
Carbon Tetrachloride  
Concen: 49.003 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 117 Resp: 124225  
Ion Ratio Lower Upper  
117 100  
119 95.9 73.8 110.8  
121 30.4 25.2 37.8





#39

Methylcyclohexane

Concen: 41.875 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011886.D

Acq: 15 Dec 2022 20:39

Instrument :

MSVOA\_Y

ClientSampleId :

RB-42-(3-5)MSD

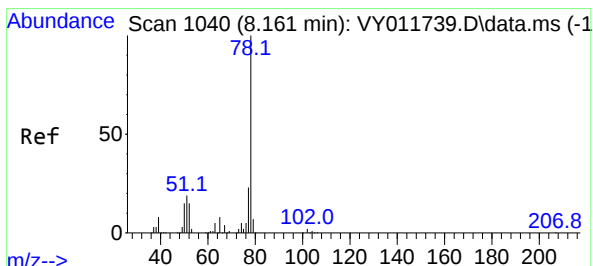
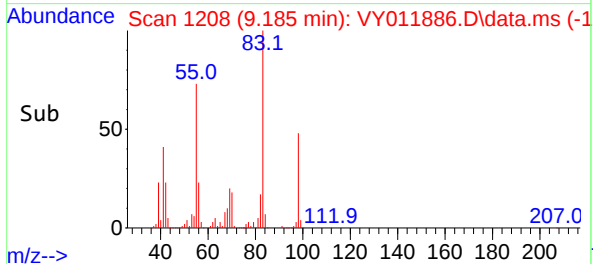
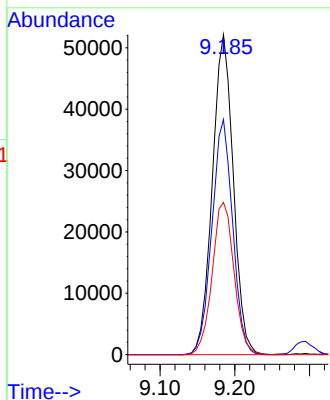
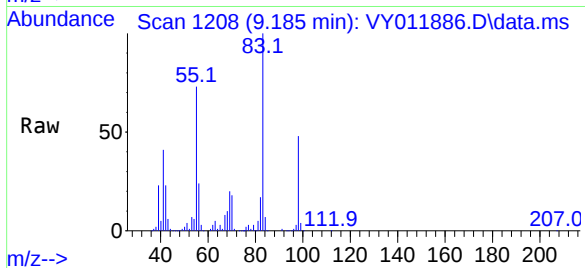
Tgt Ion: 83 Resp: 101685

Ion Ratio Lower Upper

83 100

55 73.5 58.2 87.2

98 47.6 38.6 58.0



#40

Benzene

Concen: 46.693 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011886.D

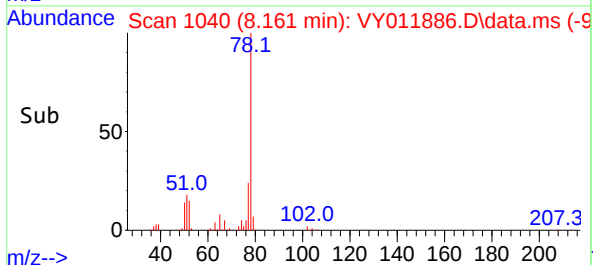
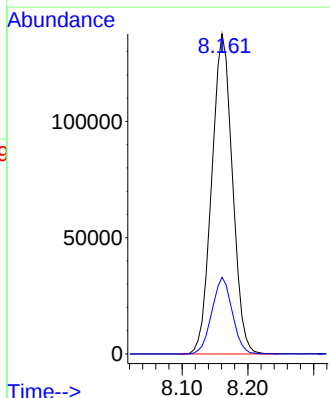
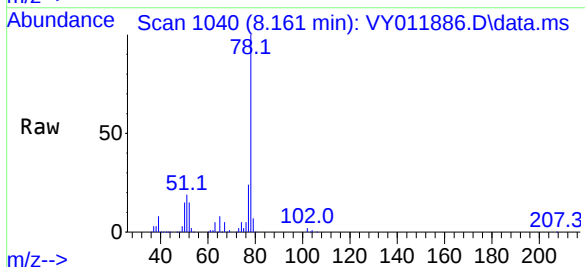
Acq: 15 Dec 2022 20:39

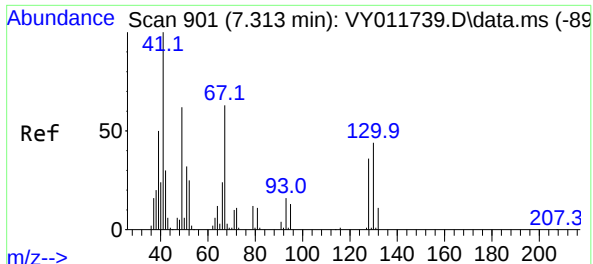
Tgt Ion: 78 Resp: 301042

Ion Ratio Lower Upper

78 100

77 23.9 18.6 27.8



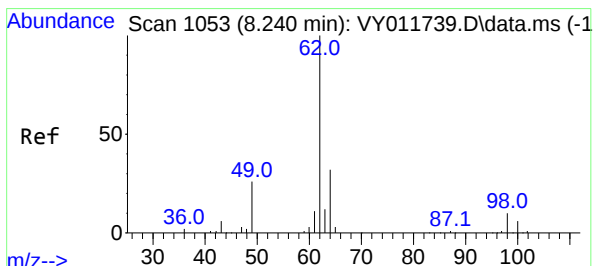
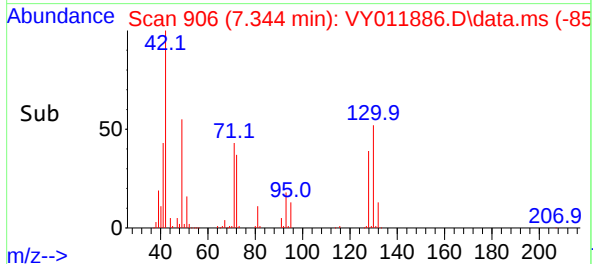
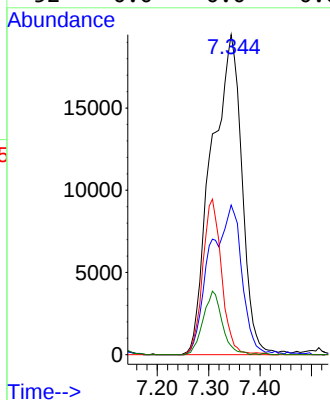
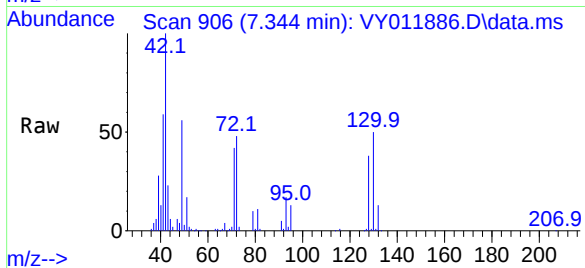


#41  
Methacrylonitrile  
Concen: 125.360 ug/l  
RT: 7.344 min Scan# 901  
Delta R.T. 0.030 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

Tgt Ion: 41 Resp: 79846

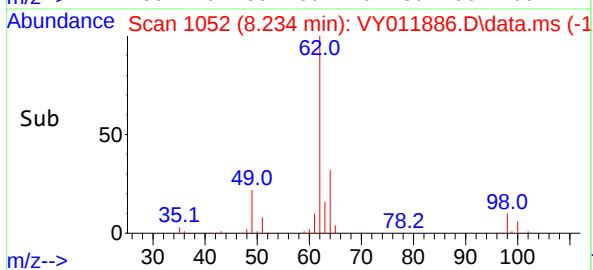
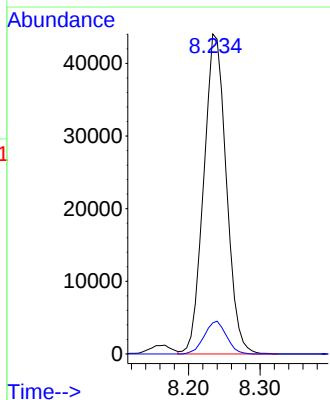
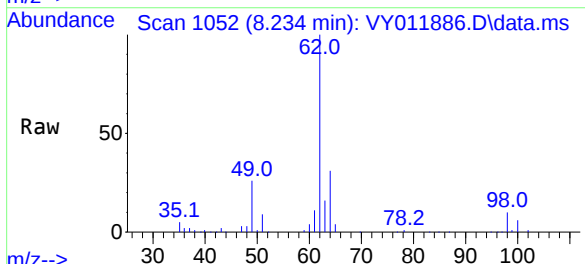
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 26.5  | 0.0   | 0.0#  |
| 67  | 0.0   | 0.0   | 0.0   |
| 52  | 0.0   | 0.0   | 0.0   |

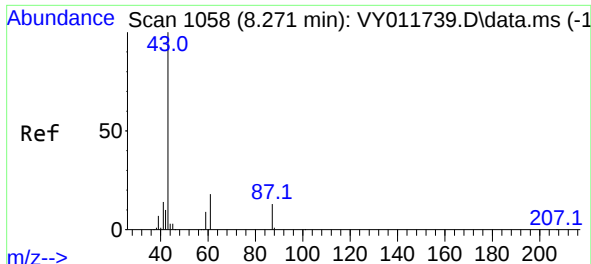


#42  
1,2-Dichloroethane  
Concen: 48.504 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 62 Resp: 96703

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.0  | 0.0   | 19.6  |

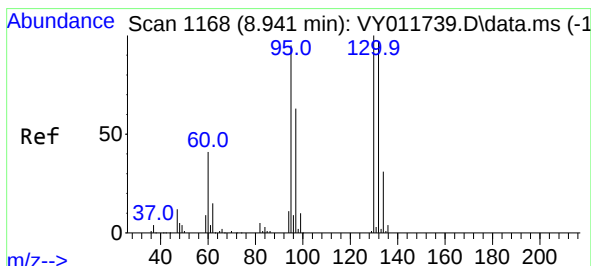
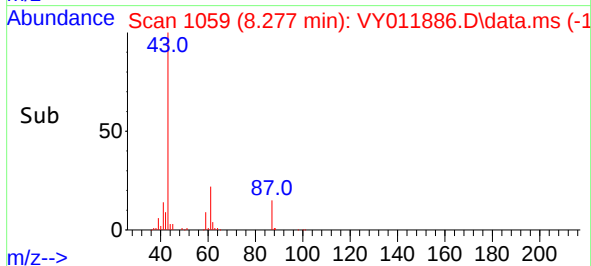
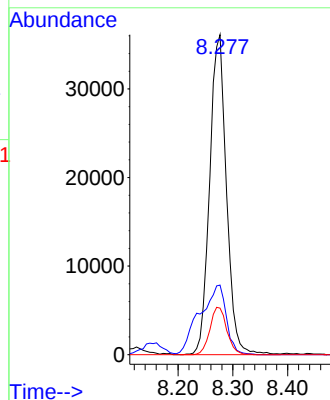
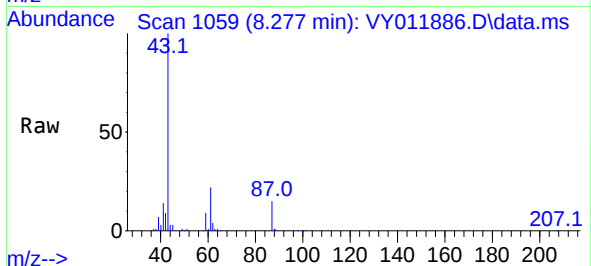




#43  
Isopropyl Acetate  
Concen: 33.547 ug/l  
RT: 8.277 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

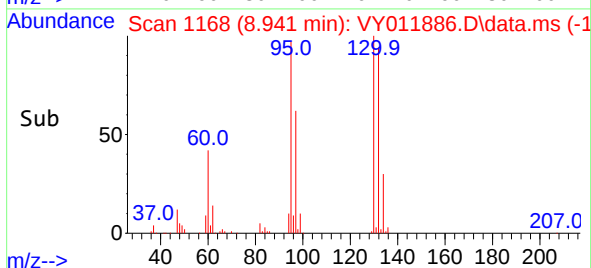
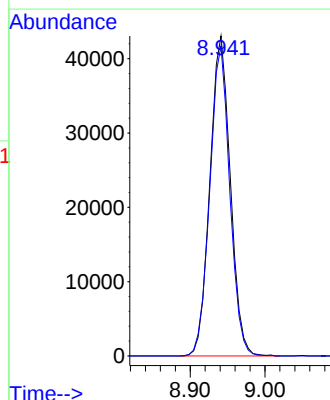
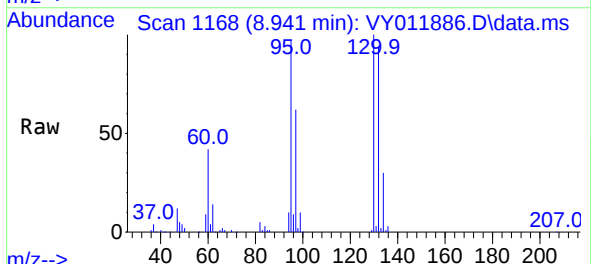
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

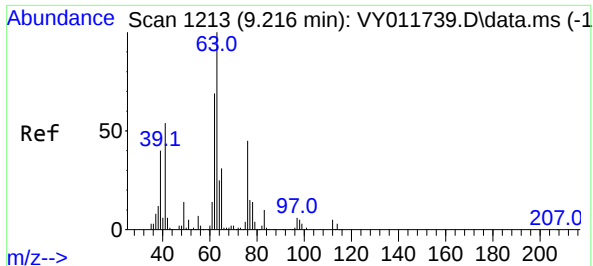
Tgt Ion: 43 Resp: 76751  
Ion Ratio Lower Upper  
43 100  
61 34.4 24.4 36.6  
87 14.9 11.4 17.2



#44  
Trichloroethene  
Concen: 45.165 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion:130 Resp: 81551  
Ion Ratio Lower Upper  
130 100  
95 96.9 0.0 190.6





#45

1,2-Dichloropropane

Concen: 47.857 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011886.D

Acq: 15 Dec 2022 20:39

Instrument :

MSVOA\_Y

ClientSampleId :

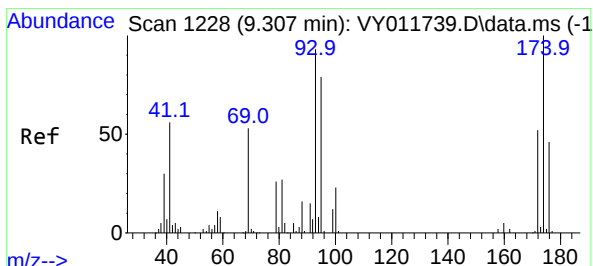
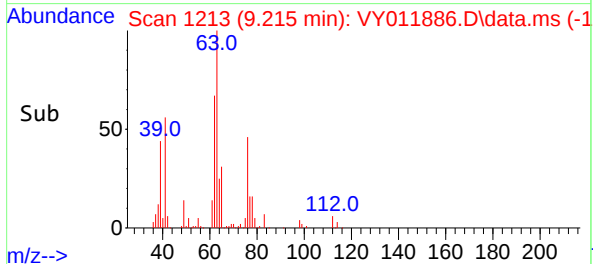
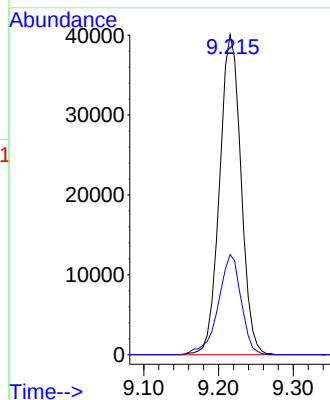
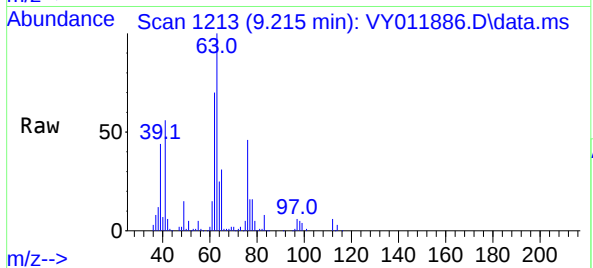
RB-42-(3-5)MSD

Tgt Ion: 63 Resp: 79857

Ion Ratio Lower Upper

63 100

65 31.3 24.9 37.3



#46

Dibromomethane

Concen: 48.615 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011886.D

Acq: 15 Dec 2022 20:39

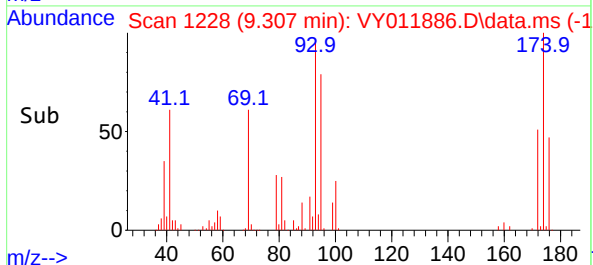
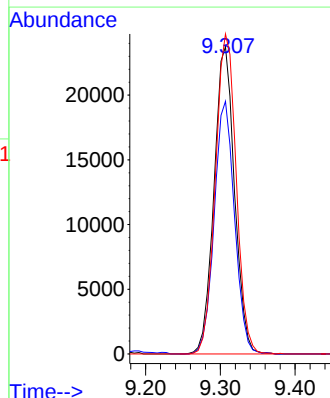
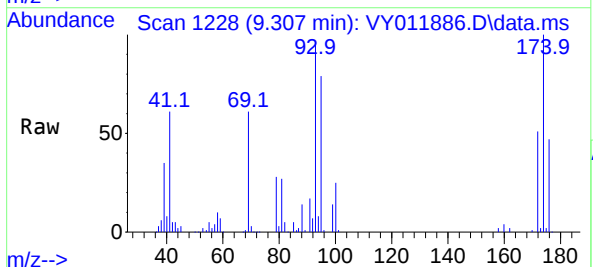
Tgt Ion: 93 Resp: 45410

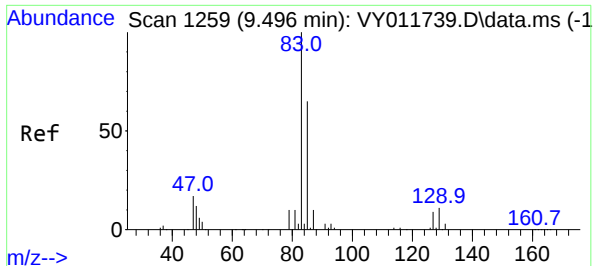
Ion Ratio Lower Upper

93 100

95 81.5 66.1 99.1

174 105.5 84.7 127.1

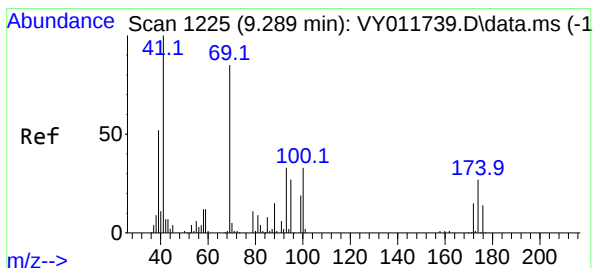
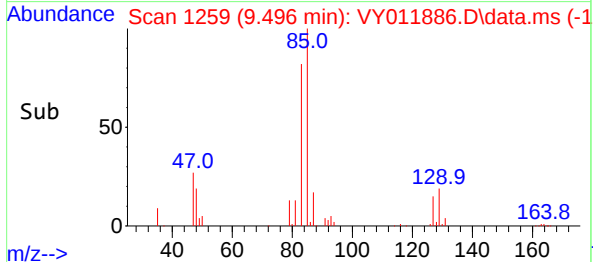
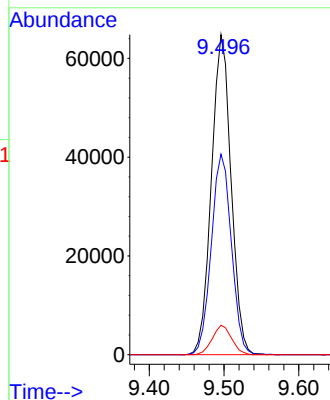
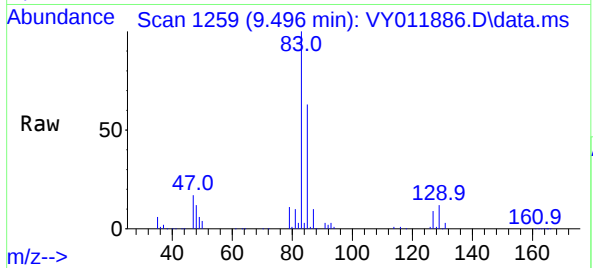




#47  
Bromodichloromethane  
Concen: 49.113 ug/l  
RT: 9.496 min Scan# 118515  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

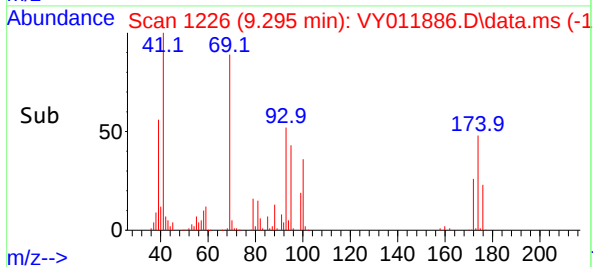
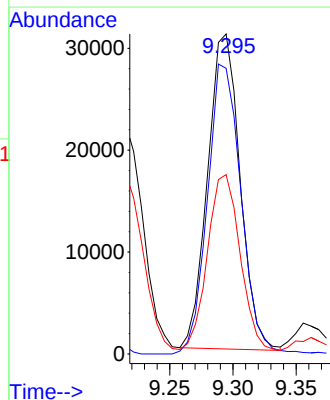
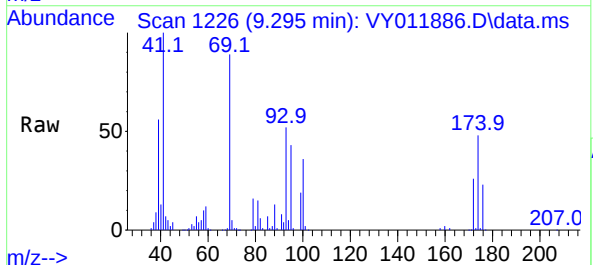
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

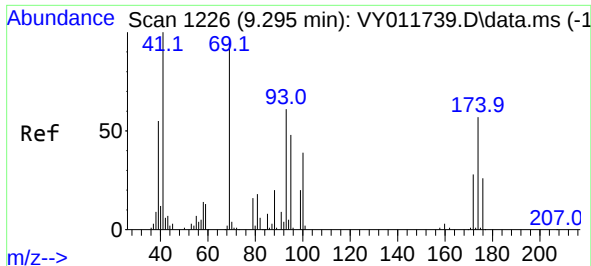
Tgt Ion: 83 Resp: 118515  
Ion Ratio Lower Upper  
83 100  
85 62.6 52.0 78.0  
127 9.2 7.3 10.9



#48  
Methyl methacrylate  
Concen: 54.557 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 41 Resp: 55020  
Ion Ratio Lower Upper  
41 100  
69 95.7 74.2 111.2  
39 59.1 46.3 69.5

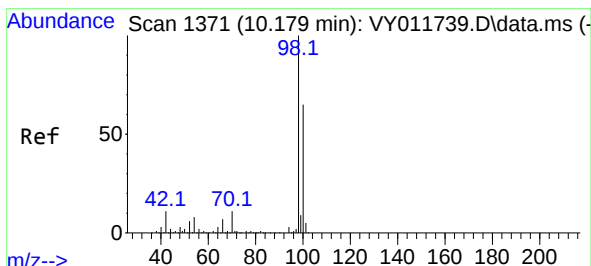
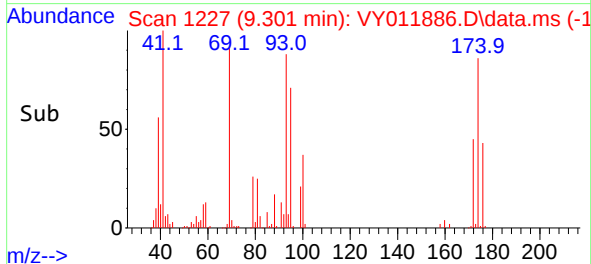
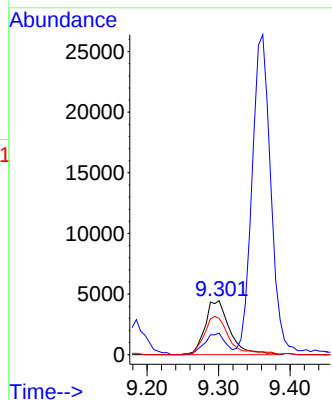
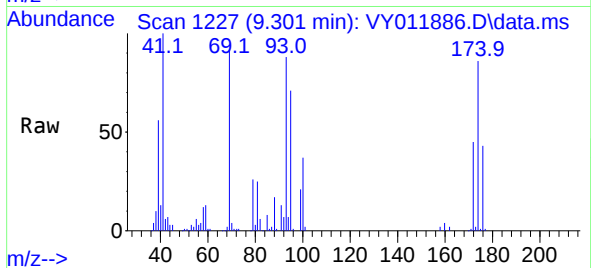




#49  
1,4-Dioxane  
Concen: 820.398 ug/l  
RT: 9.301 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

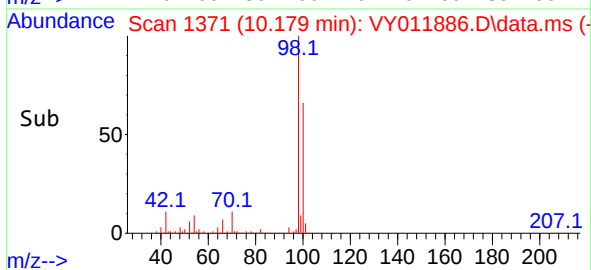
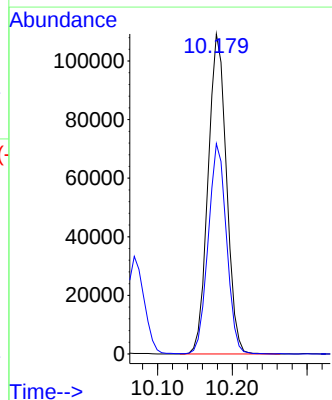
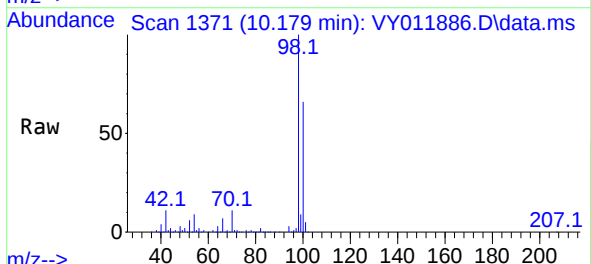
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

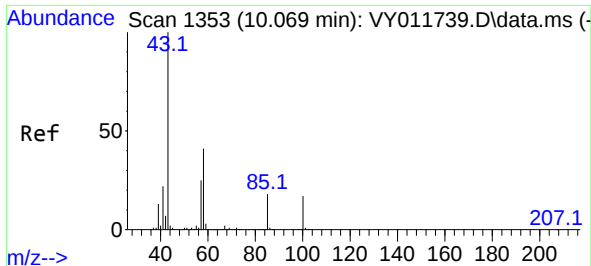
Tgt Ion: 88 Resp: 10616  
Ion Ratio Lower Upper  
88 100  
43 34.1 26.2 39.2  
58 72.2 54.3 81.5



#50  
Toluene-d8  
Concen: 44.344 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 98 Resp: 186812  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.9 77.9

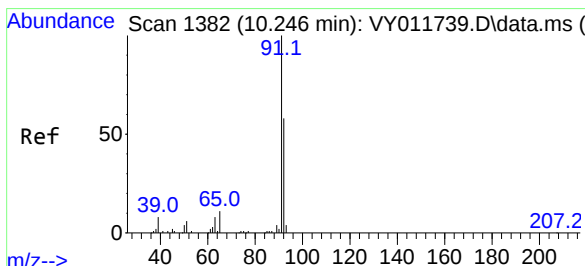
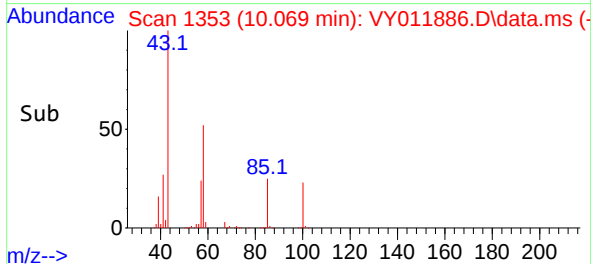
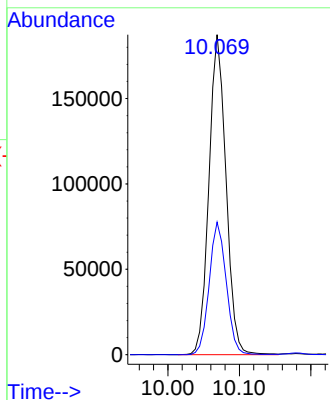
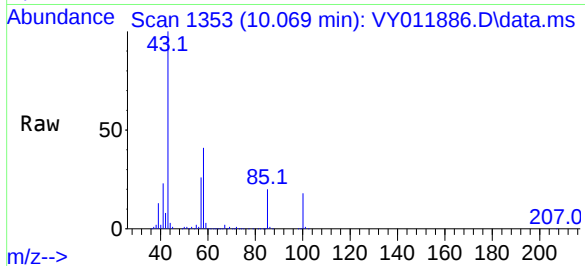




#51  
4-Methyl-2-Pentanone  
Concen: 246.471 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

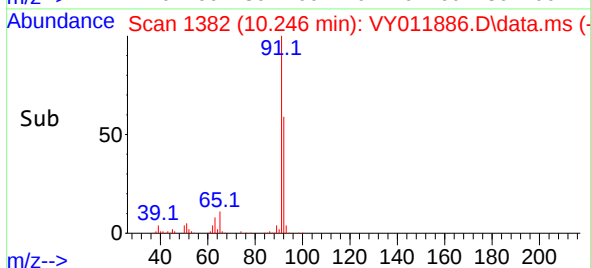
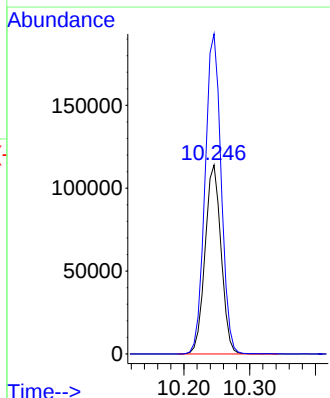
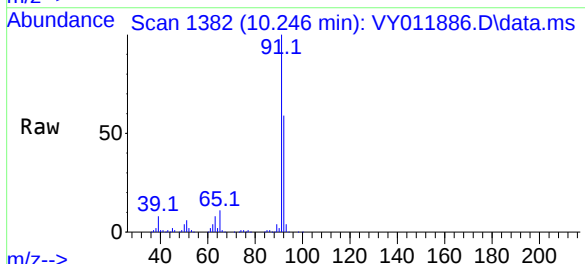
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

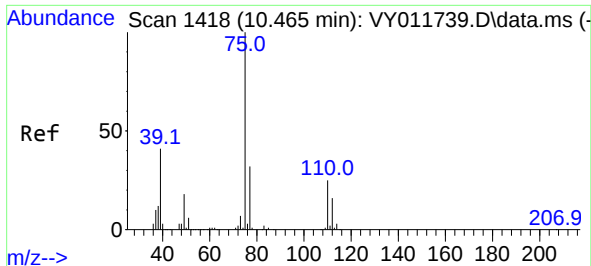
Tgt Ion: 43 Resp: 310708  
Ion Ratio Lower Upper  
43 100  
58 41.3 32.9 49.3



#52  
Toluene  
Concen: 47.130 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 92 Resp: 193170  
Ion Ratio Lower Upper  
92 100  
91 170.5 137.4 206.0

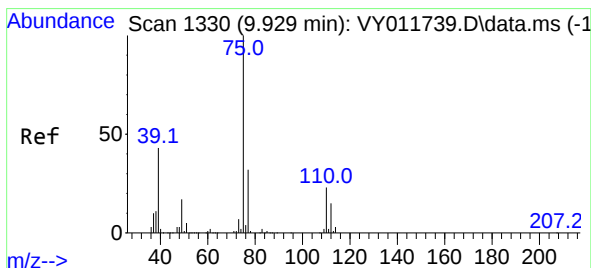
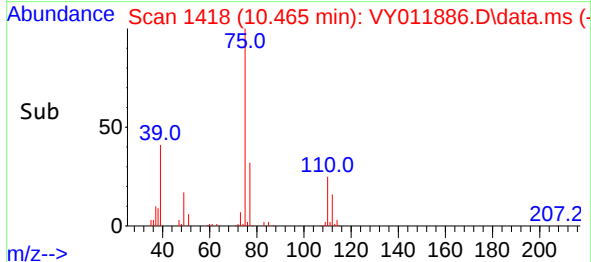
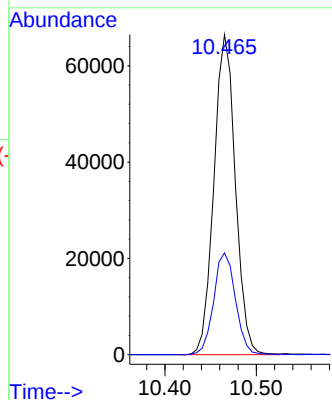
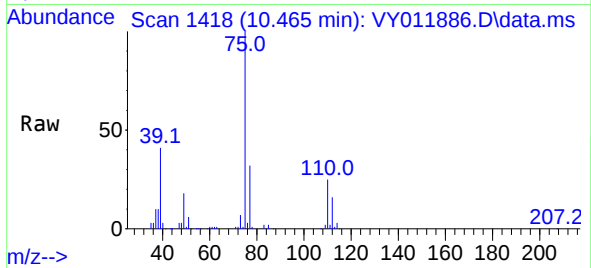




#53  
 t-1,3-Dichloropropene  
 Concen: 44.949 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. -0.000 min  
 Lab File: VY011886.D  
 Acq: 15 Dec 2022 20:39

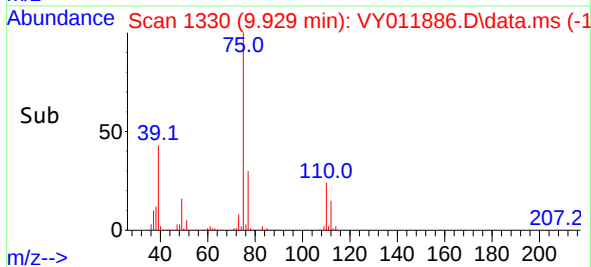
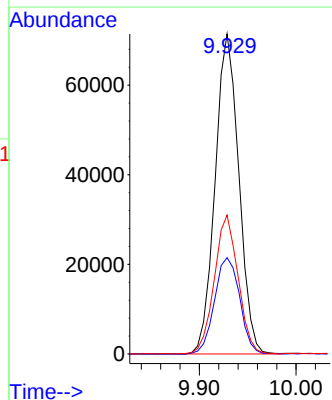
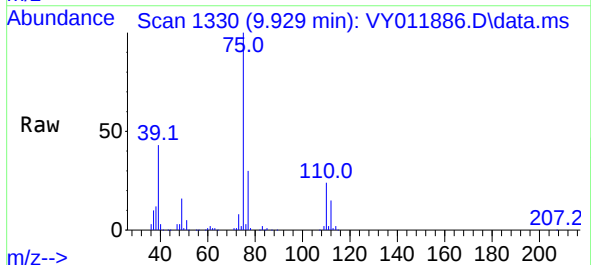
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RB-42-(3-5)MSD

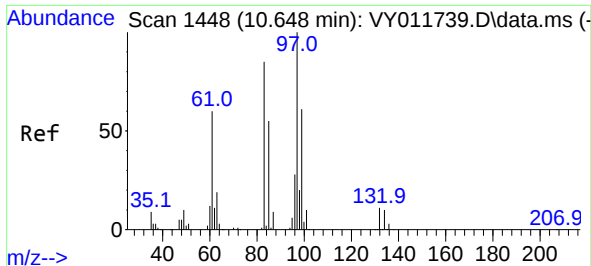
Tgt Ion: 75 Resp: 108343  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 44.908 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. -0.000 min  
 Lab File: VY011886.D  
 Acq: 15 Dec 2022 20:39

Tgt Ion: 75 Resp: 121619  
 Ion Ratio Lower Upper  
 75 100  
 77 30.1 25.9 38.9  
 39 43.4 34.6 52.0



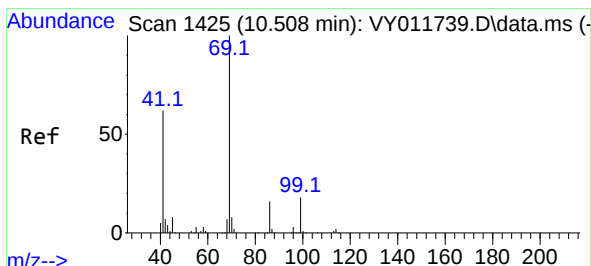
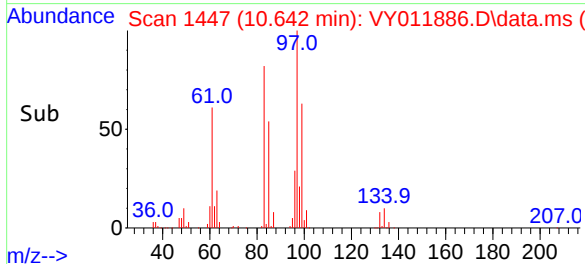
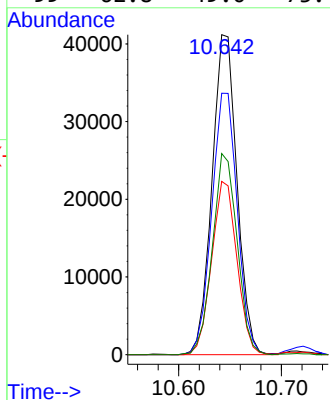
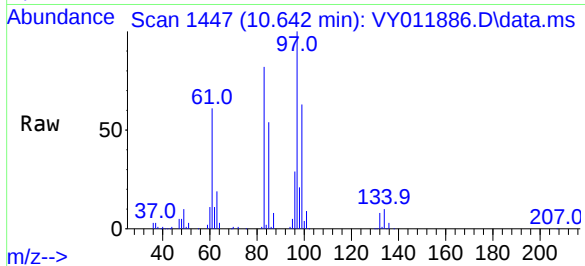


#55  
1,1,2-Trichloroethane  
Concen: 50.411 ug/l  
RT: 10.642 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

Tgt Ion: 97 Resp: 69597

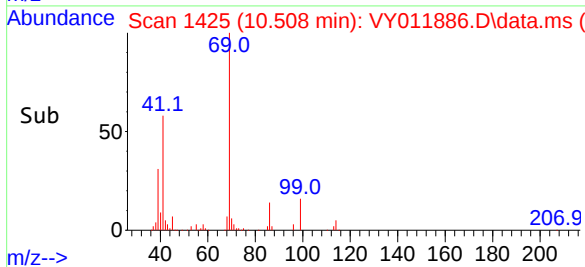
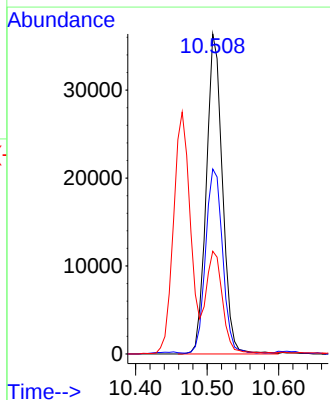
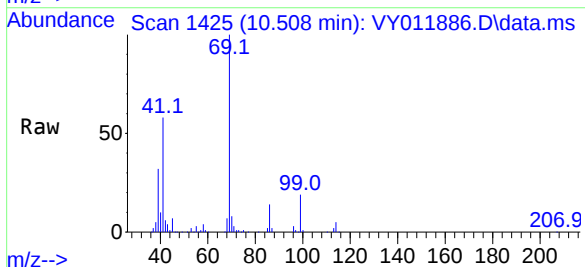
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 81.7  | 67.7  | 101.5 |
| 85  | 54.1  | 43.8  | 65.8  |
| 99  | 62.8  | 49.0  | 73.4  |

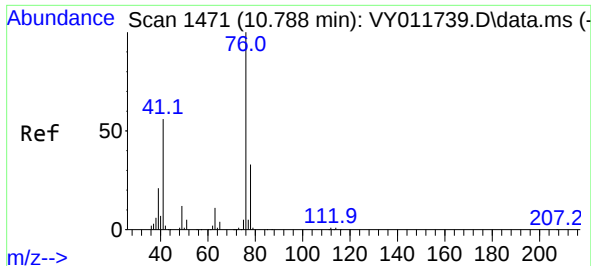


#56  
Ethyl methacrylate  
Concen: 32.012 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 69 Resp: 57052

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.5  | 48.9  | 73.3  |
| 39  | 31.8  | 25.9  | 38.9  |





#57

1,3-Dichloropropane

Concen: 49.106 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011886.D

Acq: 15 Dec 2022 20:39

Instrument :

MSVOA\_Y

ClientSampleId :

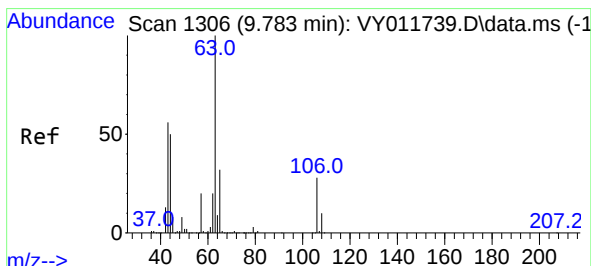
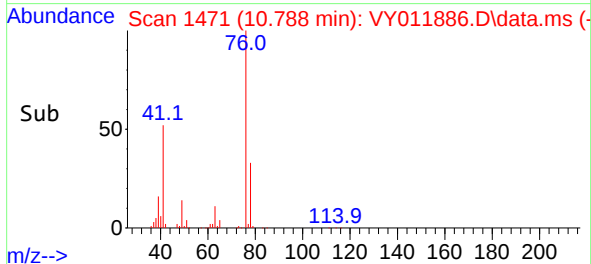
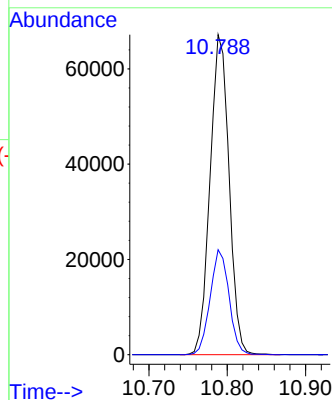
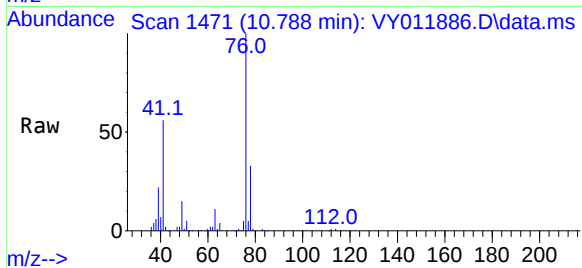
RB-42-(3-5)MSD

Tgt Ion: 76 Resp: 113007

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 248.813 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011886.D

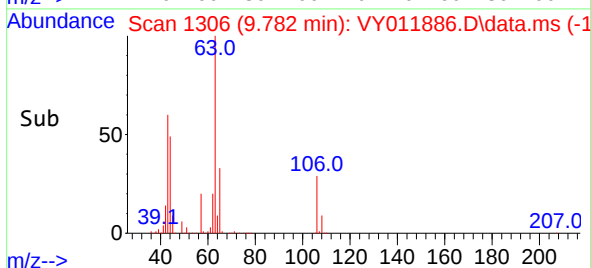
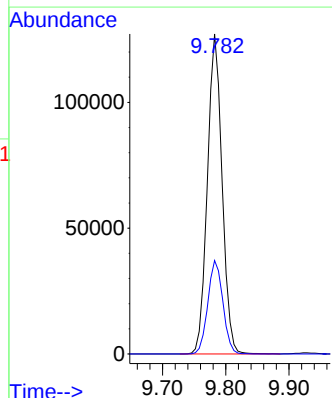
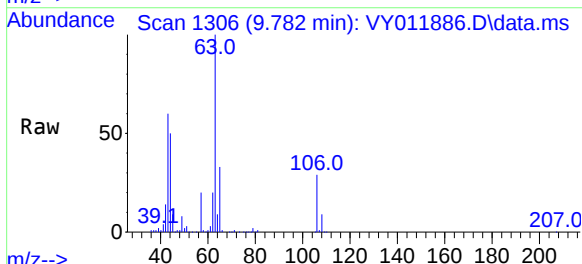
Acq: 15 Dec 2022 20:39

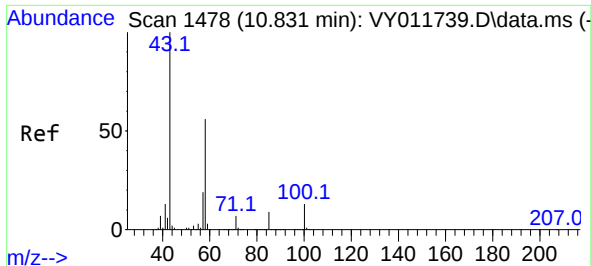
Tgt Ion: 63 Resp: 205619

Ion Ratio Lower Upper

63 100

106 29.9 23.2 34.8

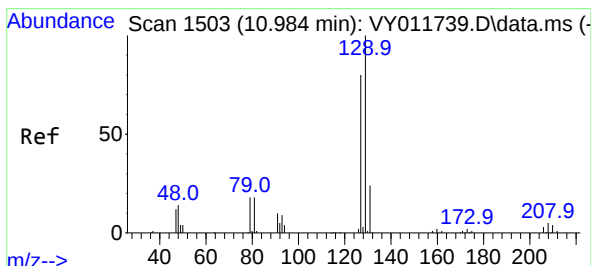
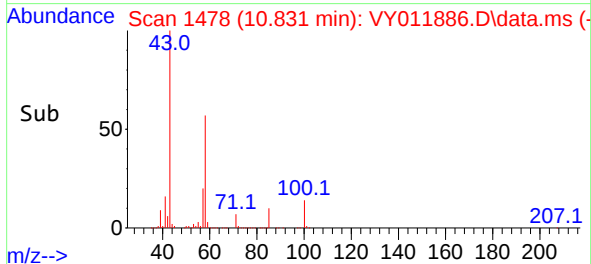
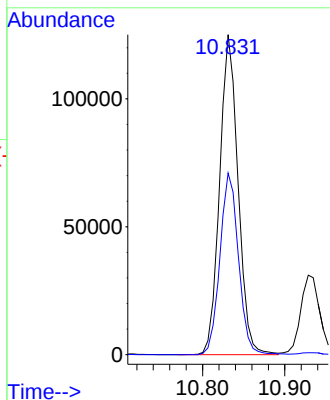
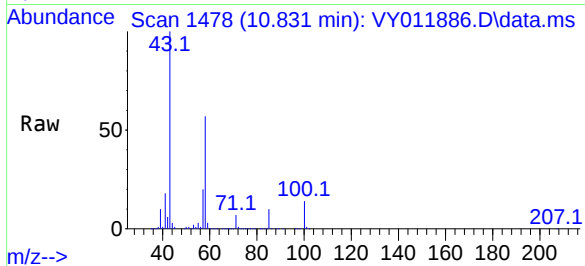




#59  
2-Hexanone  
Concen: 216.118 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

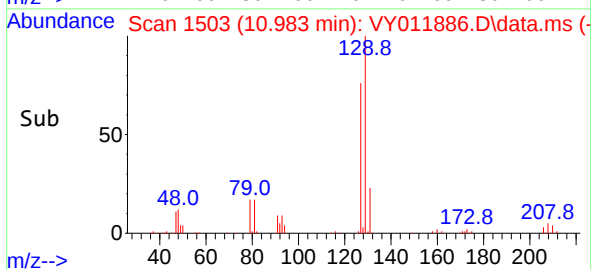
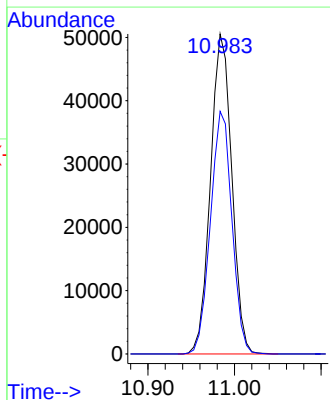
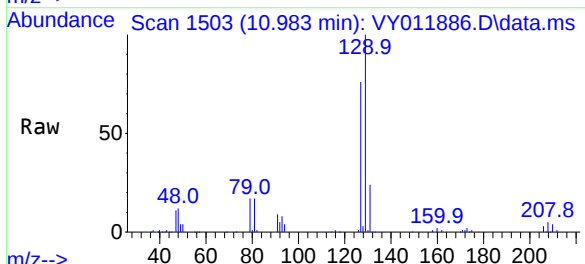
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

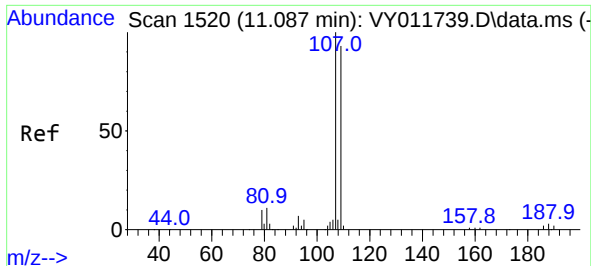
Tgt Ion: 43 Resp: 194657  
Ion Ratio Lower Upper  
43 100  
58 57.1 28.4 85.2



#60  
Dibromochloromethane  
Concen: 49.901 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 129 Resp: 86287  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.9 116.6

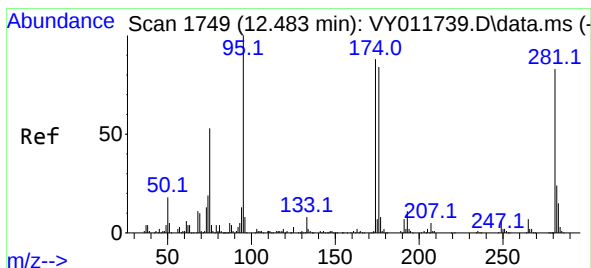
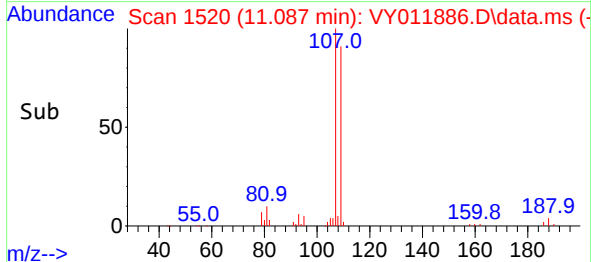
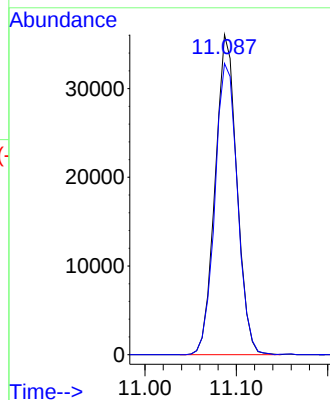
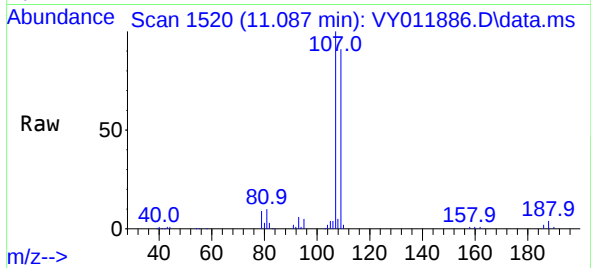




#61  
1,2-Dibromoethane  
Concen: 47.512 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

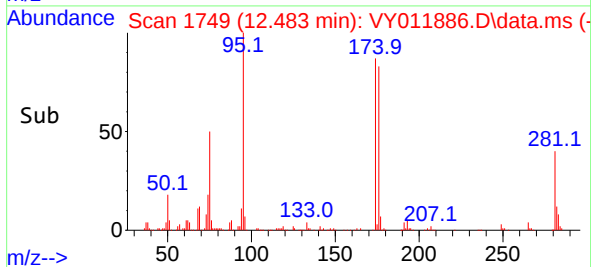
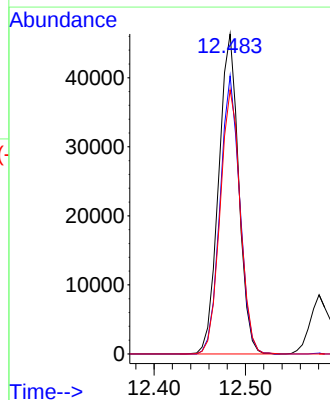
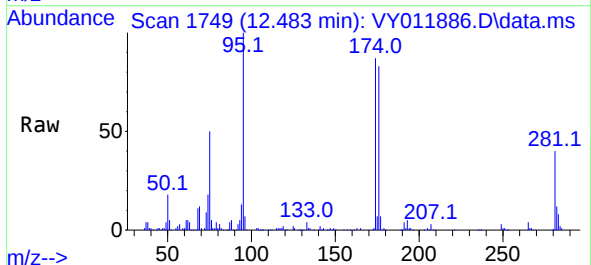
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

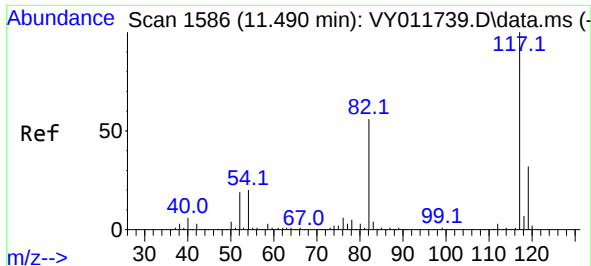
Tgt Ion:107 Resp: 59424  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.8 113.6



#62  
4-Bromofluorobenzene  
Concen: 42.024 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 95 Resp: 70493  
Ion Ratio Lower Upper  
95 100  
174 85.3 0.0 172.0  
176 83.3 0.0 167.6

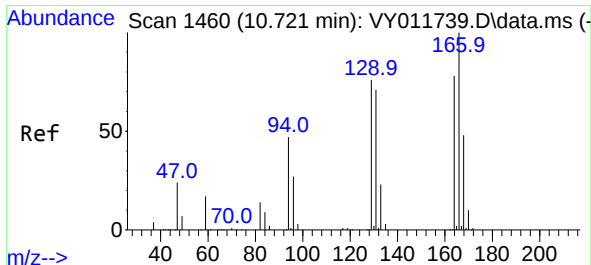
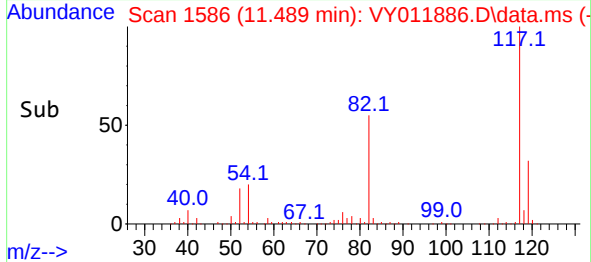
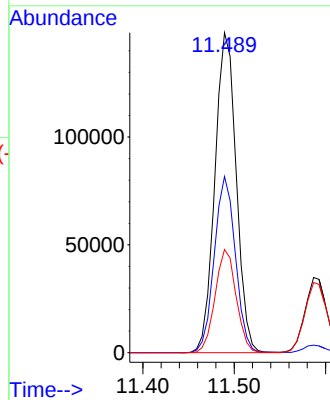
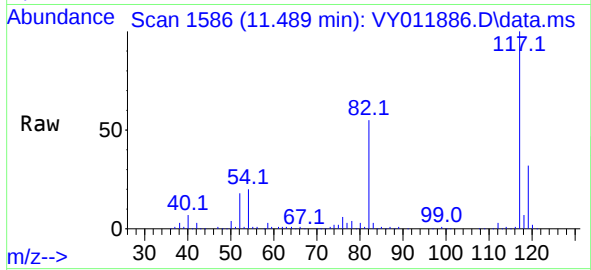




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

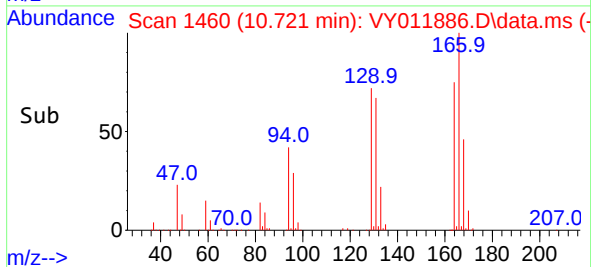
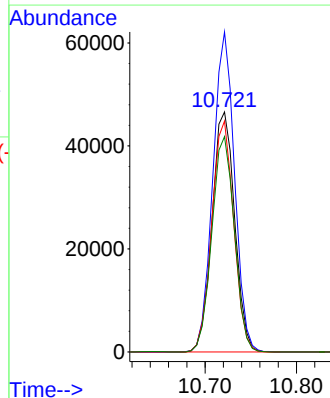
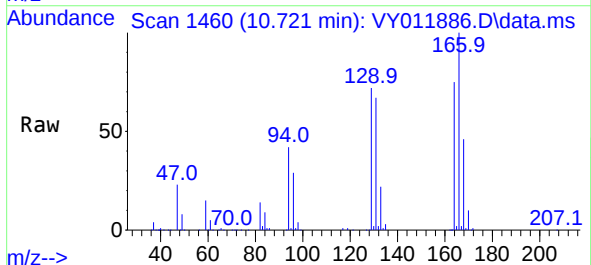
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

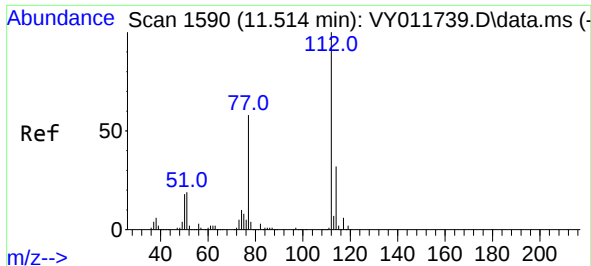
Tgt Ion:117 Resp: 241083  
Ion Ratio Lower Upper  
117 100  
82 55.1 44.8 67.2  
119 32.3 25.4 38.2



#64  
Tetrachloroethene  
Concen: 47.000 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion:164 Resp: 80167  
Ion Ratio Lower Upper  
164 100  
166 133.3 102.3 153.5  
129 96.2 77.2 115.8  
131 89.7 72.5 108.7

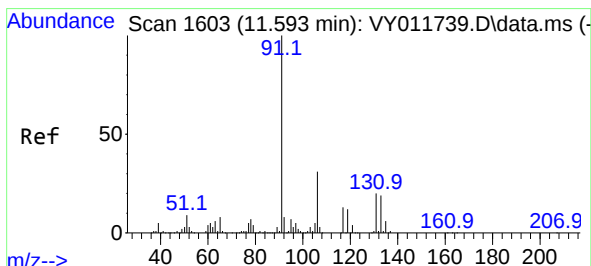
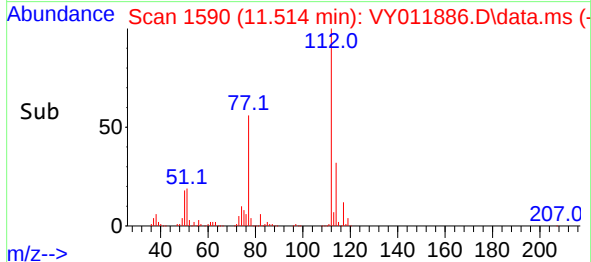
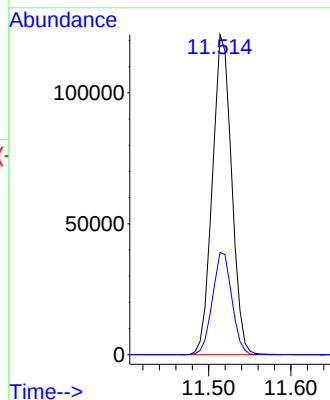
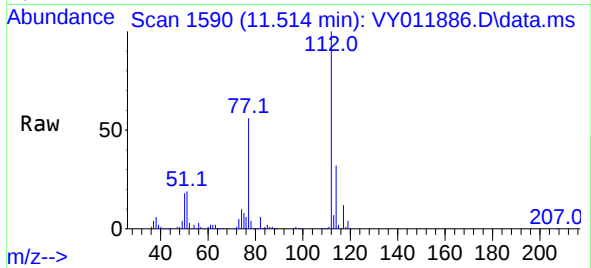




#65  
Chlorobenzene  
Concen: 45.855 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

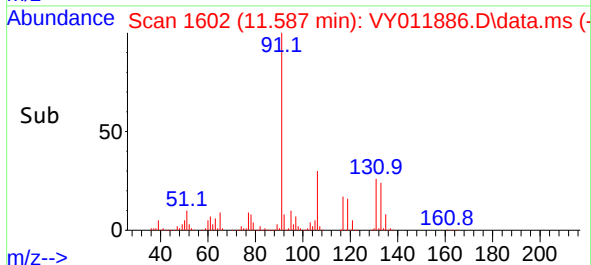
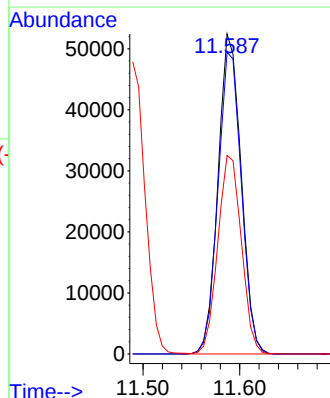
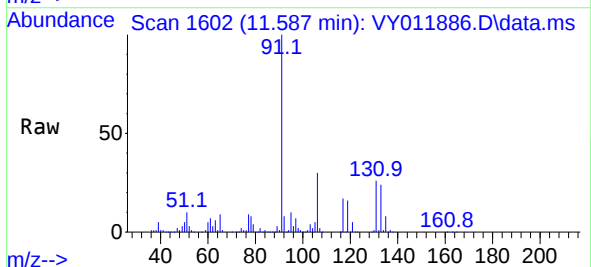
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

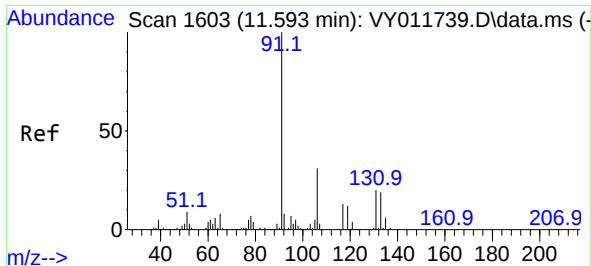
Tgt Ion:112 Resp: 199190  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.530 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion:131 Resp: 86837  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.3 142.0  
119 63.5 32.1 96.3





#67

Ethyl Benzene

Concen: 47.442 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY011886.D

Acq: 15 Dec 2022 20:39

Instrument :

MSVOA\_Y

ClientSampleId :

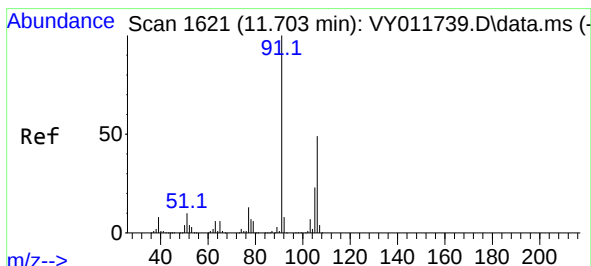
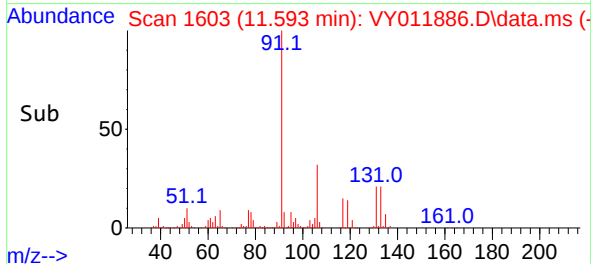
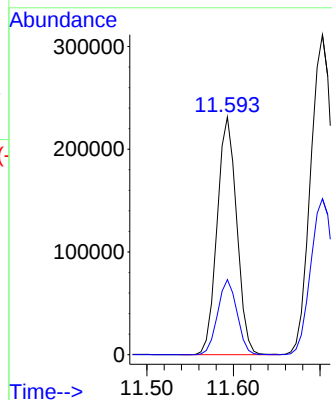
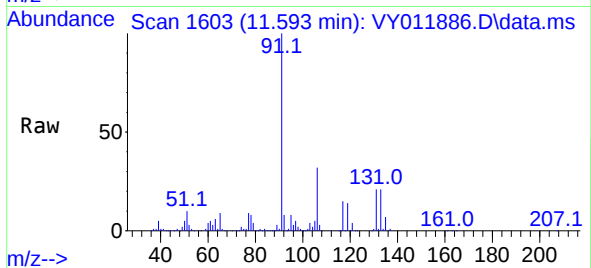
RB-42-(3-5)MSD

Tgt Ion: 91 Resp: 363124

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.4



#68

m/p-Xylenes

Concen: 94.658 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011886.D

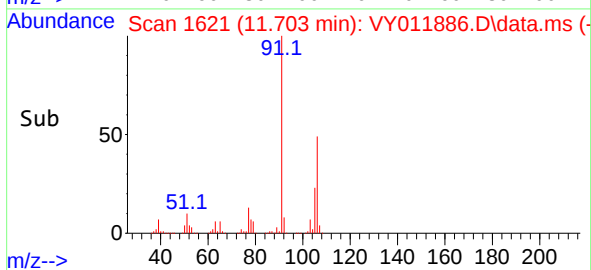
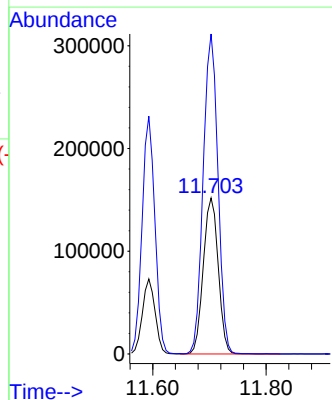
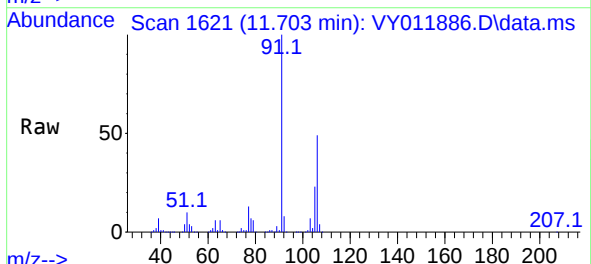
Acq: 15 Dec 2022 20:39

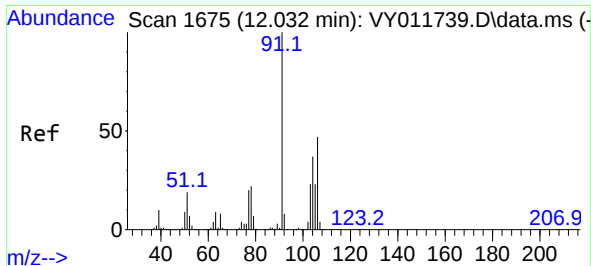
Tgt Ion:106 Resp: 277464

Ion Ratio Lower Upper

106 100

91 202.0 162.5 243.7

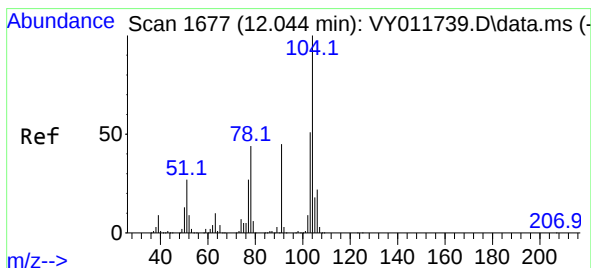
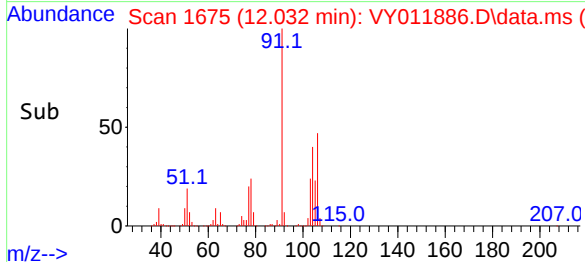
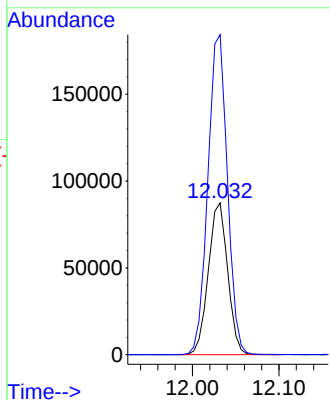
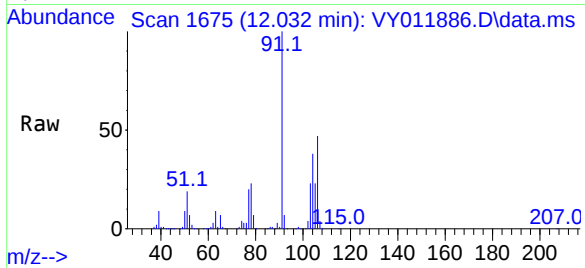




#69  
o-Xylene  
Concen: 48.600 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

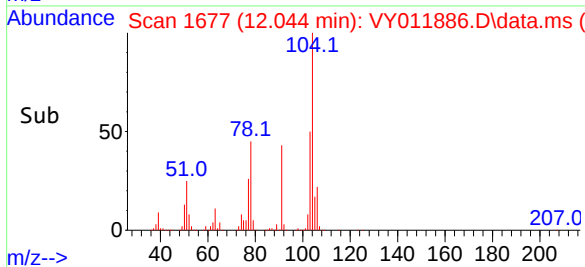
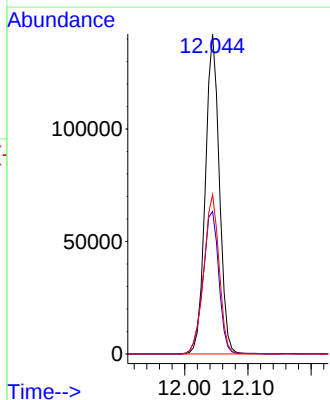
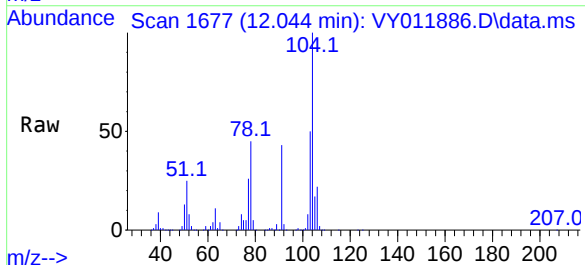
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

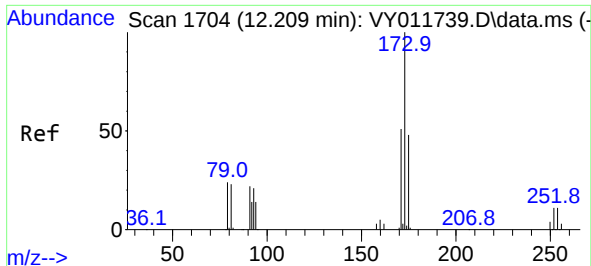
Tgt Ion:106 Resp: 135787  
Ion Ratio Lower Upper  
106 100  
91 212.6 107.5 322.4



#70  
Styrene  
Concen: 45.933 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion:104 Resp: 219036  
Ion Ratio Lower Upper  
104 100  
78 50.4 39.4 59.0  
103 54.6 43.0 64.4

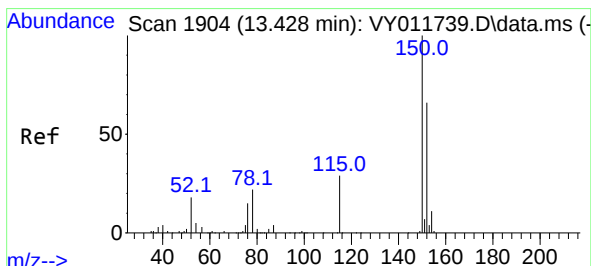
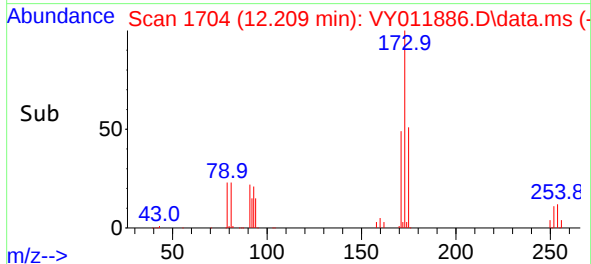
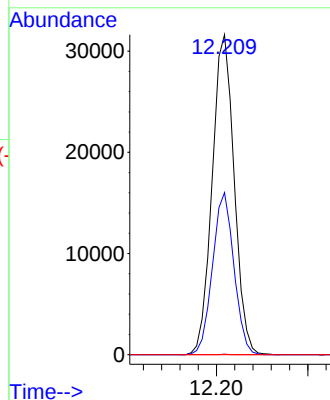
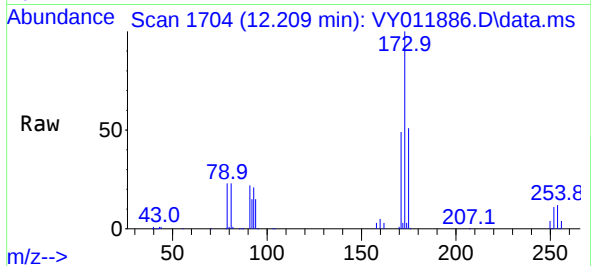




#71  
Bromoform  
Concen: 50.840 ug/l  
RT: 12.209 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

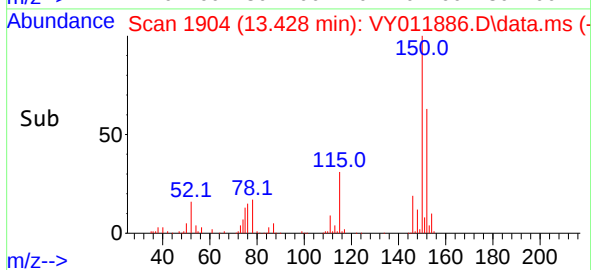
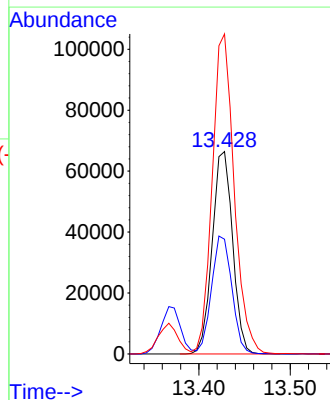
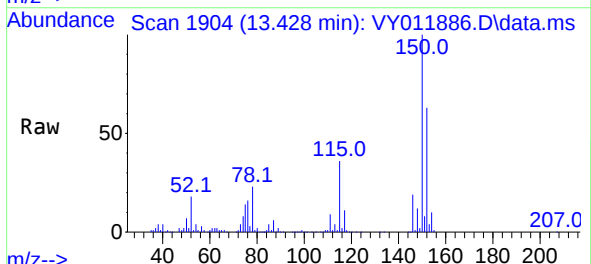
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

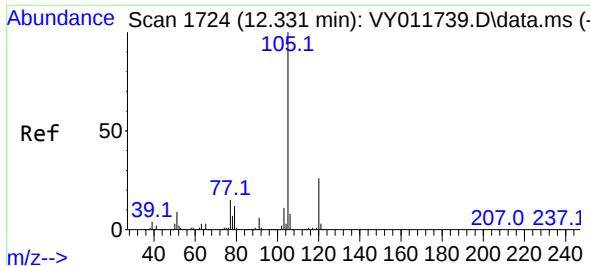
Tgt Ion:173 Resp: 52845  
Ion Ratio Lower Upper  
173 100  
175 49.2 23.8 71.5  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion:152 Resp: 103045  
Ion Ratio Lower Upper  
152 100  
115 58.1 29.1 87.3  
150 170.1 0.0 342.6

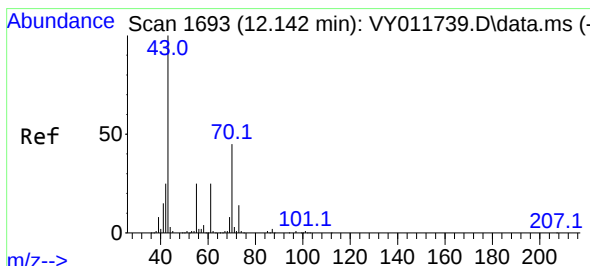
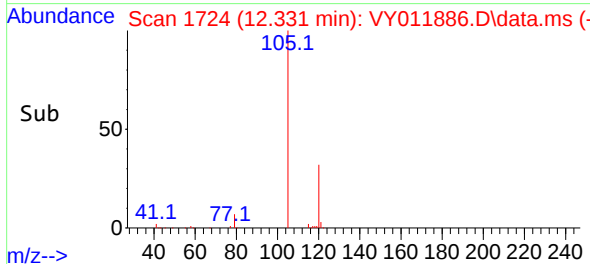
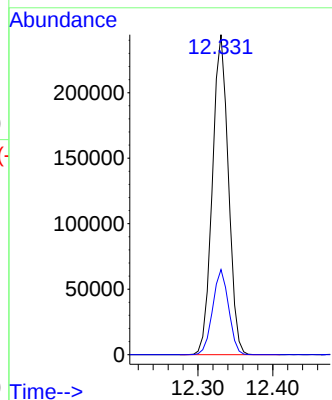
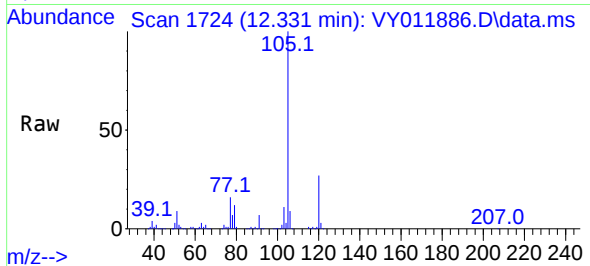




#73  
Isopropylbenzene  
Concen: 54.278 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

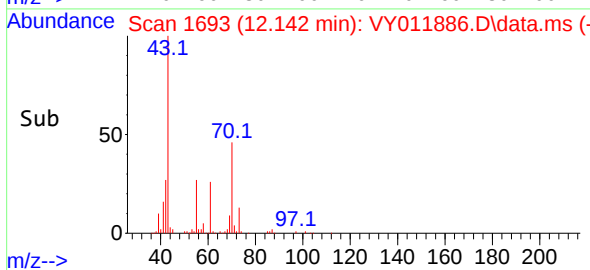
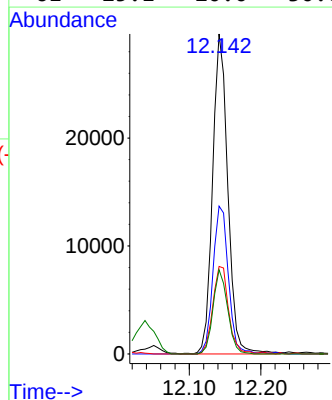
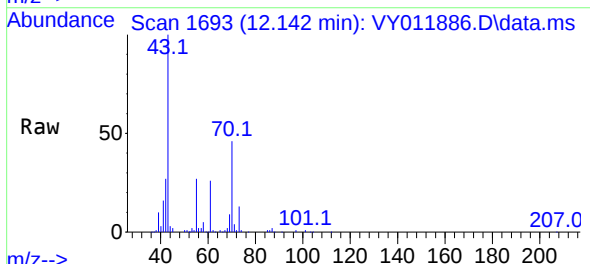
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

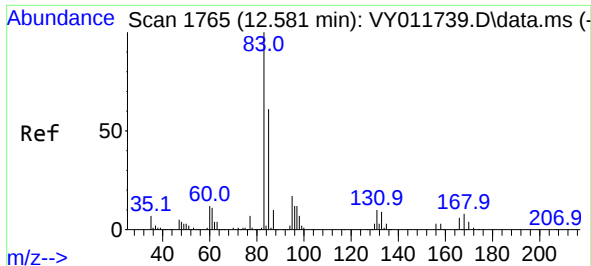
Tgt Ion:105 Resp: 362374  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.2 39.6



#74  
N-ethyl acetate  
Concen: 27.296 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 43 Resp: 43815  
Ion Ratio Lower Upper  
43 100  
70 46.6 35.8 53.8  
55 28.5 21.0 31.4  
61 25.1 20.0 30.0

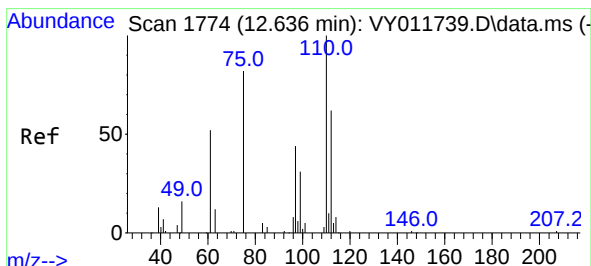
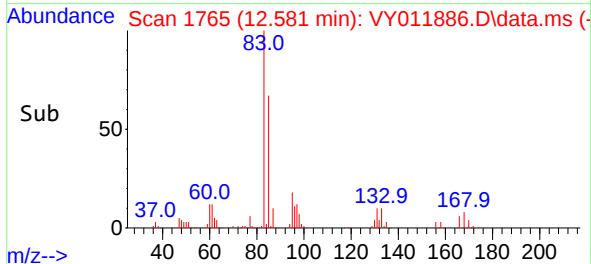
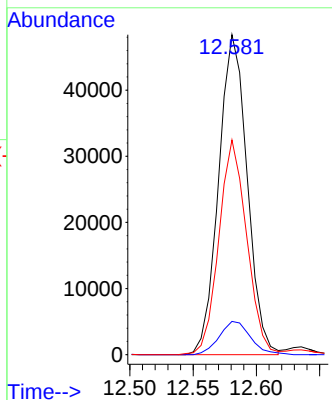
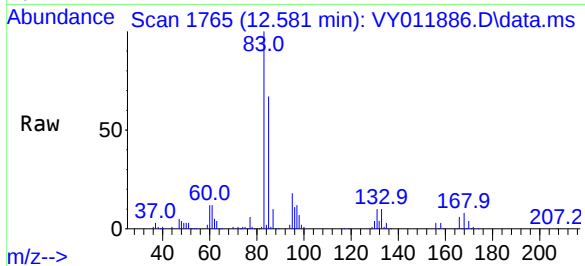




#75  
1,1,2,2-Tetrachloroethane  
Concen: 58.441 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

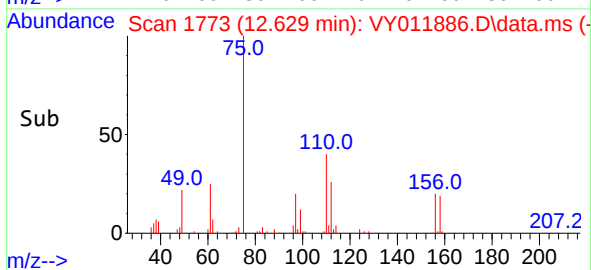
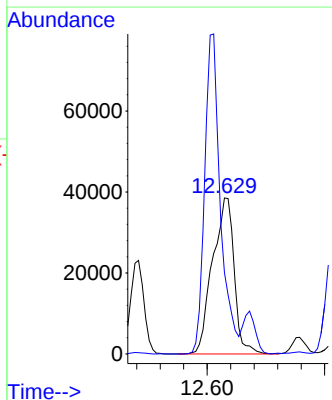
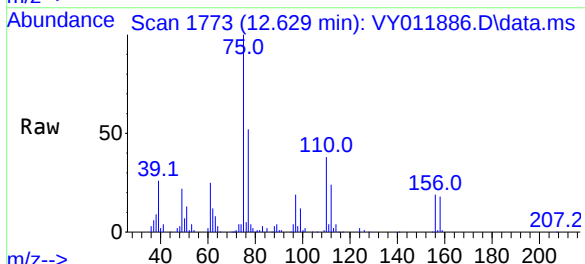
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

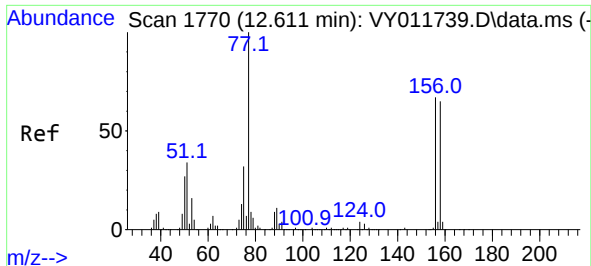
Tgt Ion: 83 Resp: 75986  
Ion Ratio Lower Upper  
83 100  
131 11.4 5.6 16.8  
85 65.3 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 94.437 ug/l  
RT: 12.629 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 75 Resp: 98455  
Ion Ratio Lower Upper  
75 100  
77 149.6 0.0 0.0#

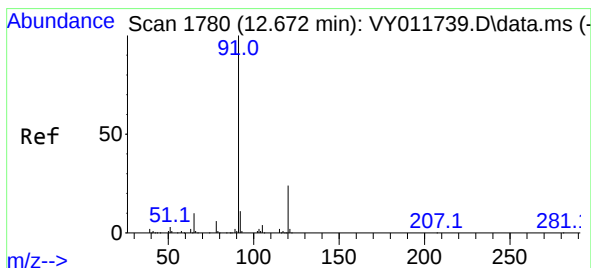
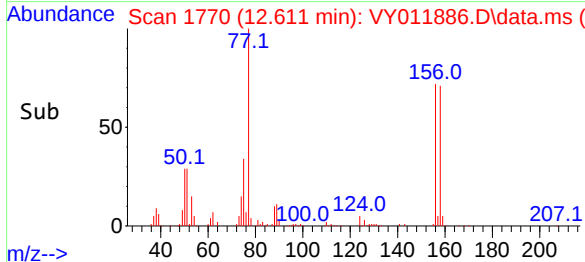
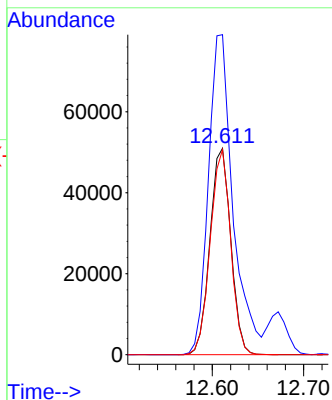
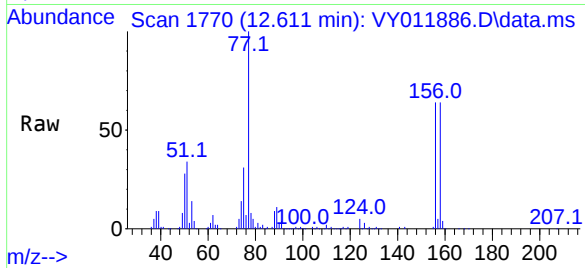




#77  
Bromobenzene  
Concen: 51.914 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

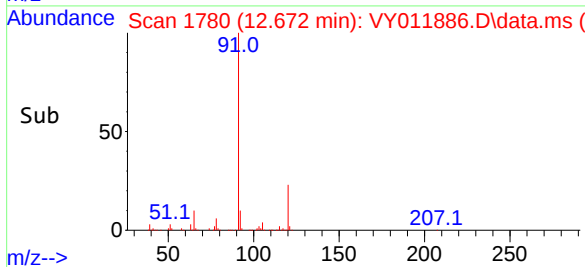
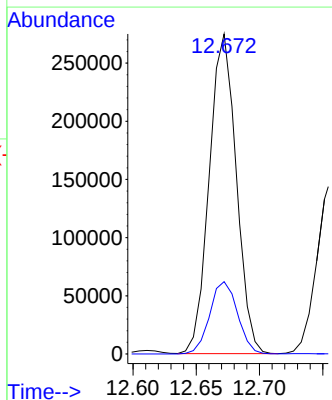
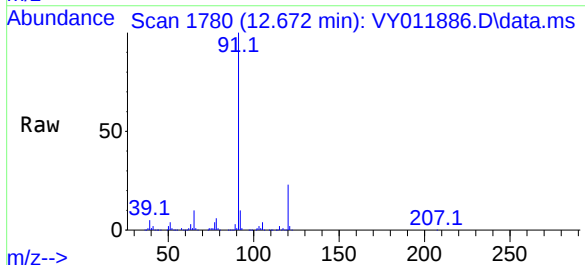
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

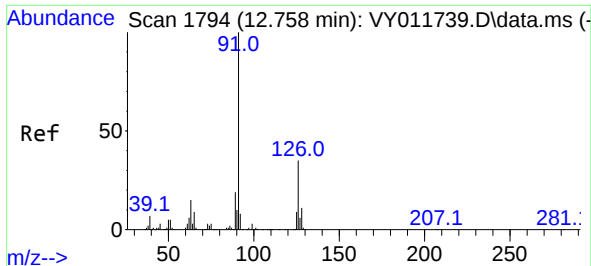
Tgt Ion:156 Resp: 80924  
Ion Ratio Lower Upper  
156 100  
77 182.0 90.0 270.0  
158 97.1 48.4 145.2



#78  
n-propylbenzene  
Concen: 51.106 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 91 Resp: 408889  
Ion Ratio Lower Upper  
91 100  
120 23.2 11.8 35.4





#79

2-Chlorotoluene

Concen: 50.291 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011886.D

Acq: 15 Dec 2022 20:39

Instrument :

MSVOA\_Y

ClientSampleId :

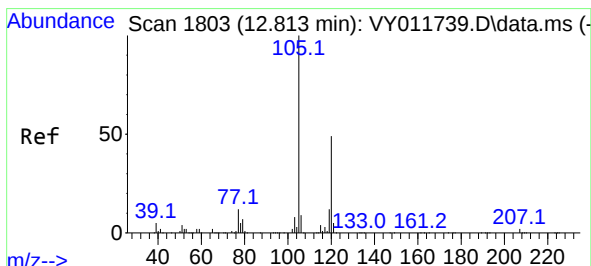
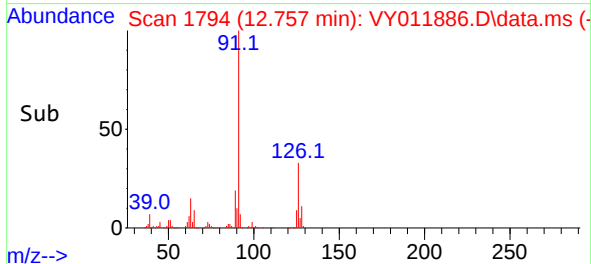
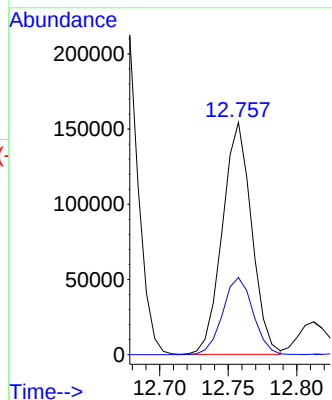
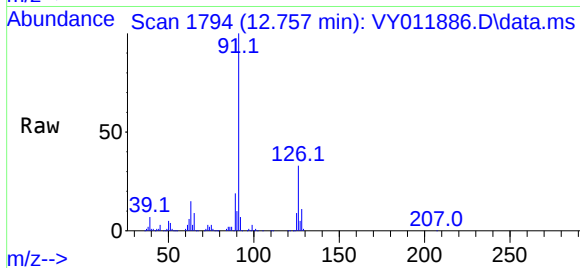
RB-42-(3-5)MSD

Tgt Ion: 91 Resp: 229639

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 52.377 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY011886.D

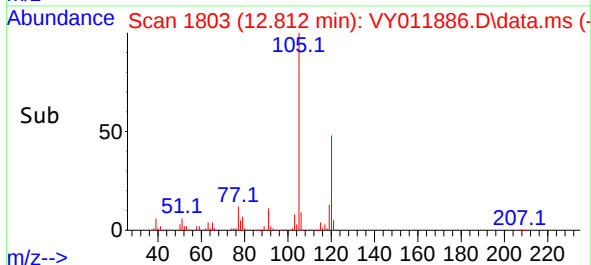
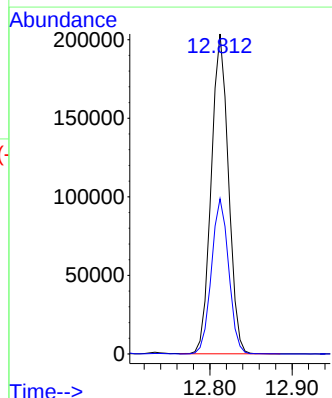
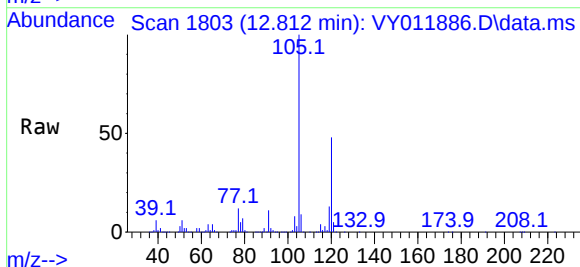
Acq: 15 Dec 2022 20:39

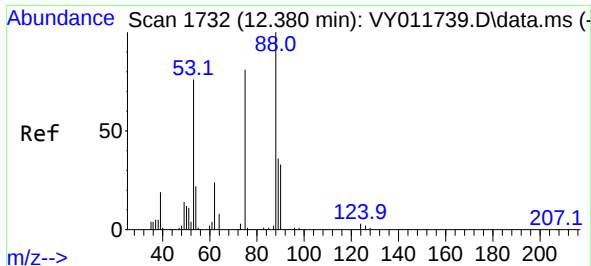
Tgt Ion:105 Resp: 295569

Ion Ratio Lower Upper

105 100

120 48.6 24.2 72.6

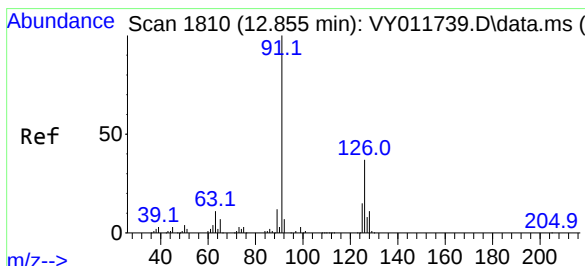
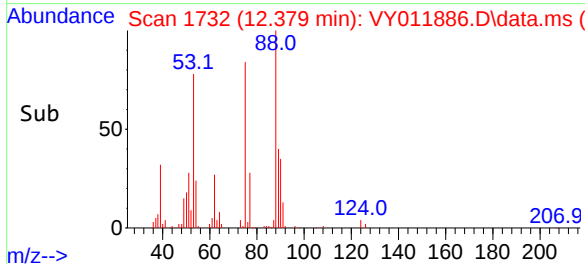
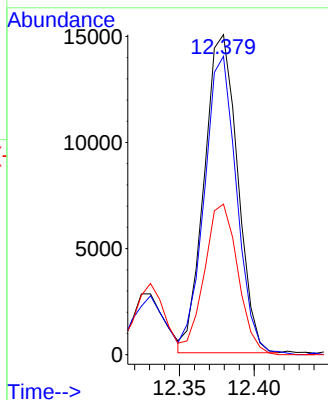
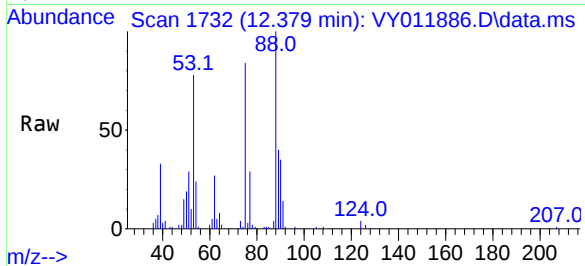




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.560 ug/l  
RT: 12.379 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

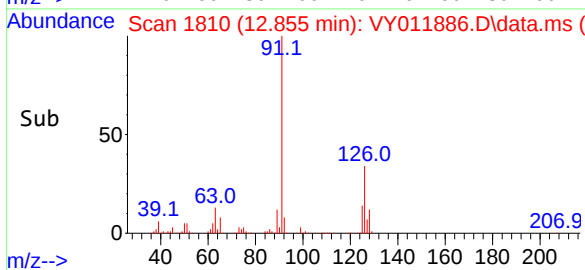
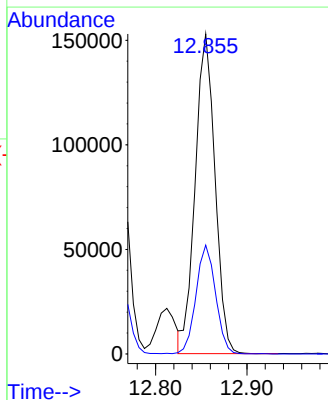
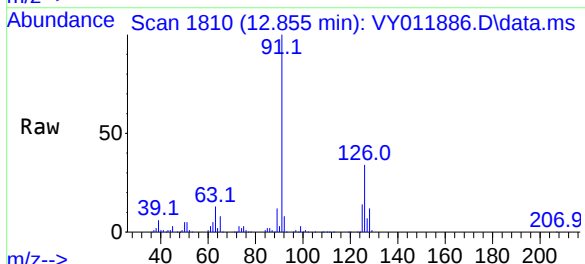
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

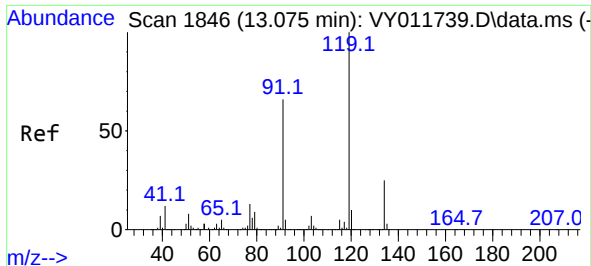
Tgt Ion: 75 Resp: 23229  
Ion Ratio Lower Upper  
75 100  
53 91.7 72.5 108.7  
89 47.8 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 48.502 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion: 91 Resp: 229707  
Ion Ratio Lower Upper  
91 100  
126 33.6 17.1 51.2



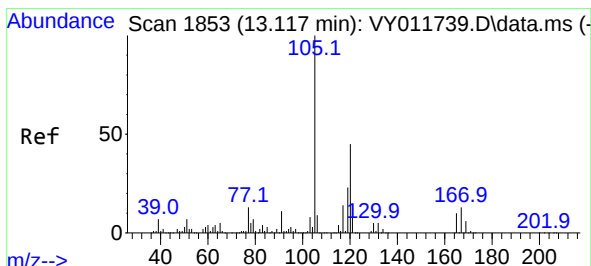
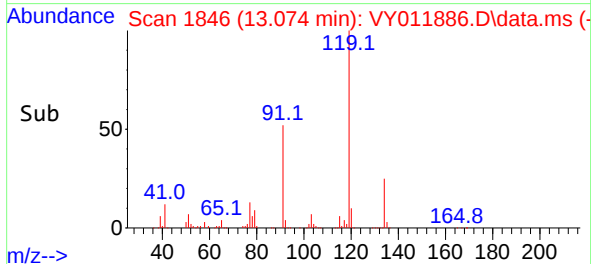
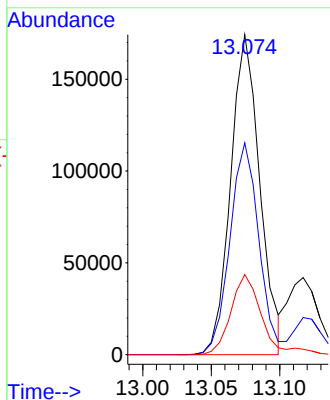
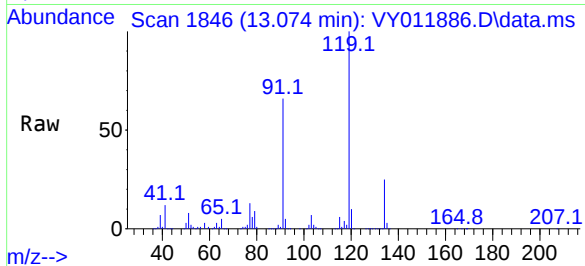


#83  
tert-Butylbenzene  
Concen: 52.724 ug/l  
RT: 13.074 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

Tgt Ion:119 Resp: 259070

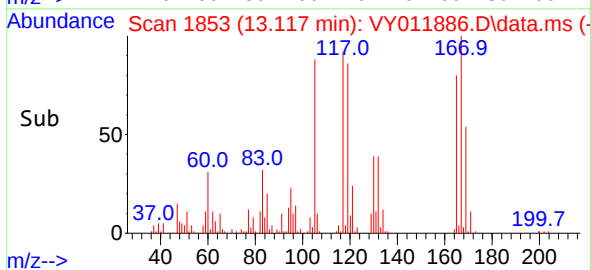
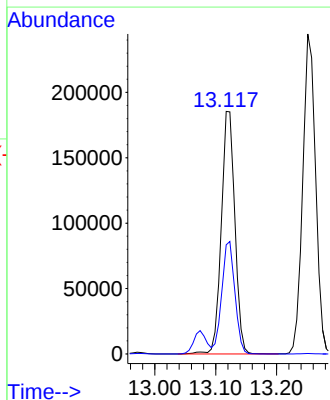
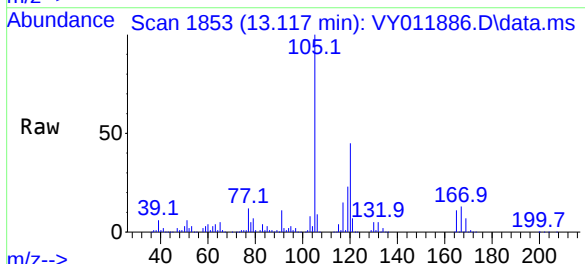
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 91  | 65.2  | 32.3  | 96.8  |
| 134 | 26.4  | 13.0  | 39.0  |

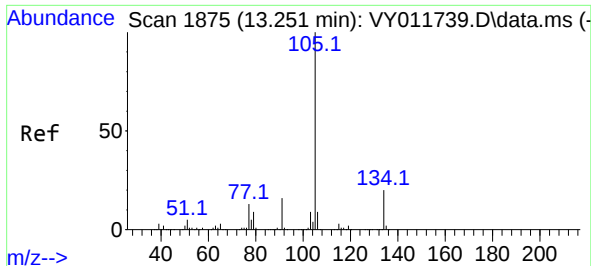


#84  
1,2,4-Trimethylbenzene  
Concen: 51.596 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion:105 Resp: 286681

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 44.8  | 22.9  | 68.7  |

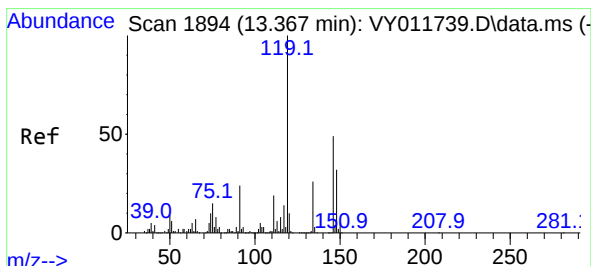
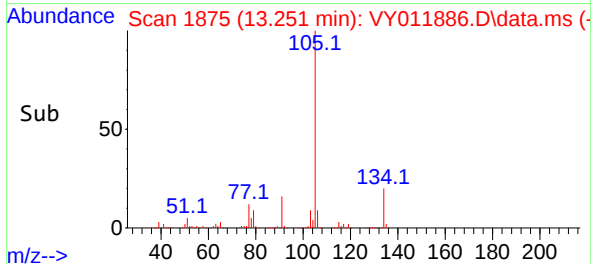
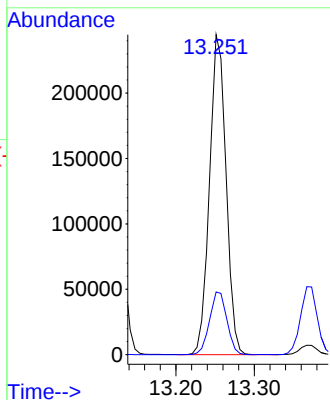
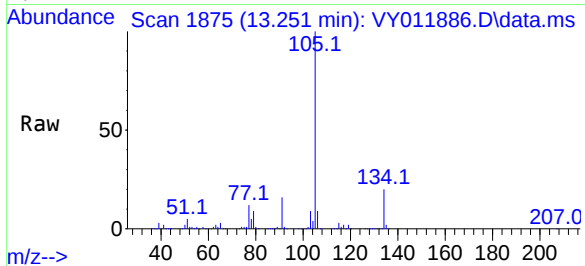




#85  
 sec-Butylbenzene  
 Concen: 48.924 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.000 min  
 Lab File: VY011886.D  
 Acq: 15 Dec 2022 20:39

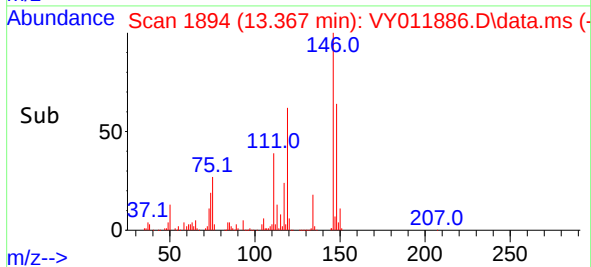
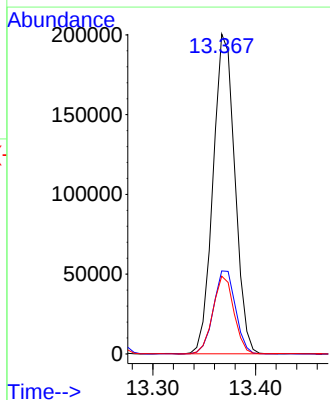
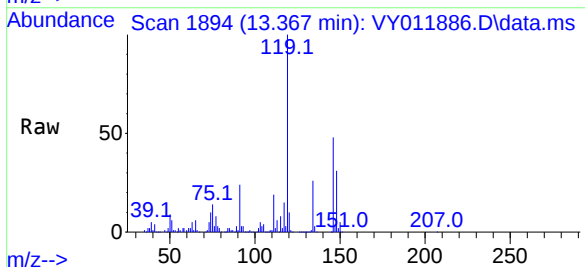
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RB-42-(3-5)MSD

Tgt Ion:105 Resp: 358018  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 48.357 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.000 min  
 Lab File: VY011886.D  
 Acq: 15 Dec 2022 20:39

Tgt Ion:119 Resp: 294524  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.0 39.0  
 91 23.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 46.037 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011886.D

Acq: 15 Dec 2022 20:39

Instrument :

MSVOA\_Y

ClientSampleId :

RB-42-(3-5)MSD

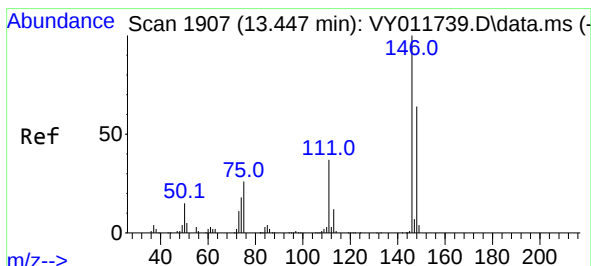
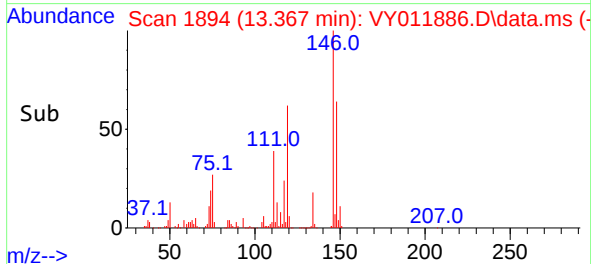
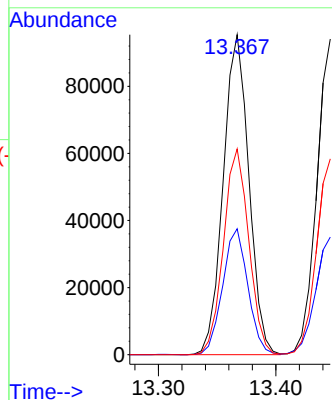
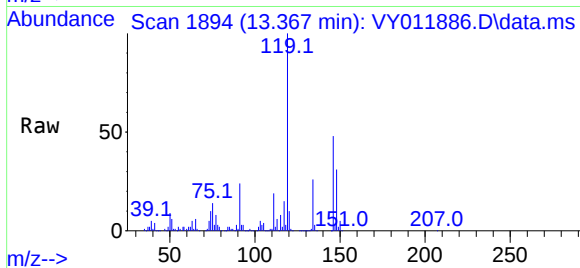
Tgt Ion:146 Resp: 144415

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.0

148 63.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 45.415 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011886.D

Acq: 15 Dec 2022 20:39

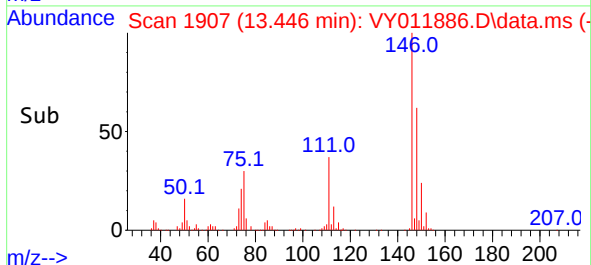
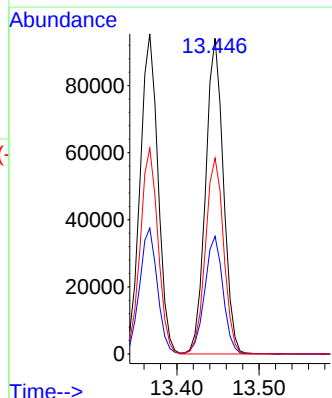
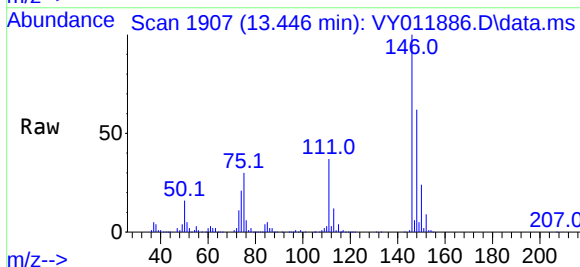
Tgt Ion:146 Resp: 141594

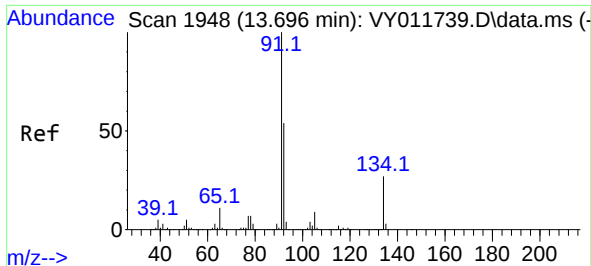
Ion Ratio Lower Upper

146 100

111 38.2 19.6 58.7

148 63.4 31.9 95.7





#89

n-Butylbenzene

Concen: 41.120 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY011886.D

Acq: 15 Dec 2022 20:39

Instrument :

MSVOA\_Y

ClientSampleId :

RB-42-(3-5)MSD

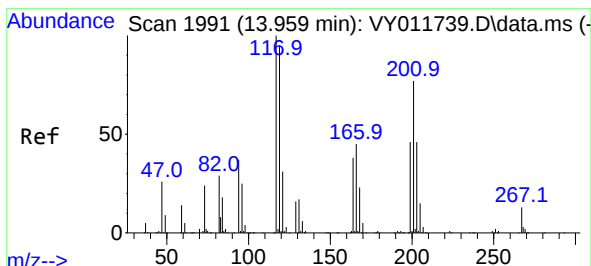
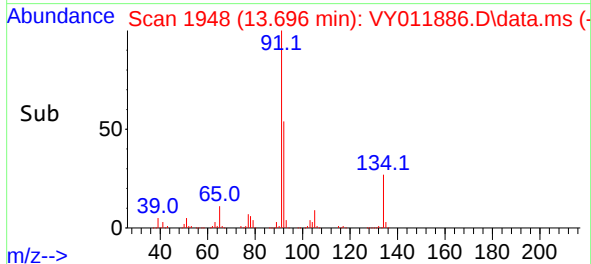
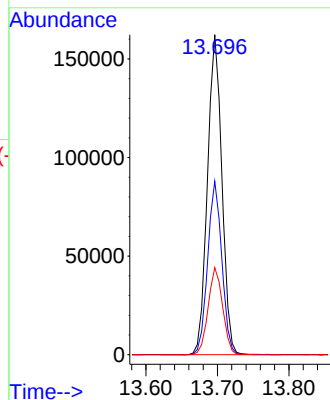
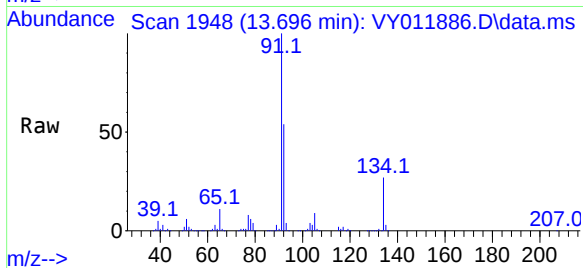
Tgt Ion: 91 Resp: 227668

Ion Ratio Lower Upper

91 100

92 53.2 26.8 80.4

134 27.3 13.3 39.8



#90

Hexachloroethane

Concen: 46.766 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY011886.D

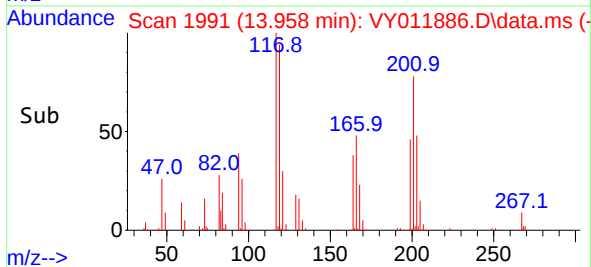
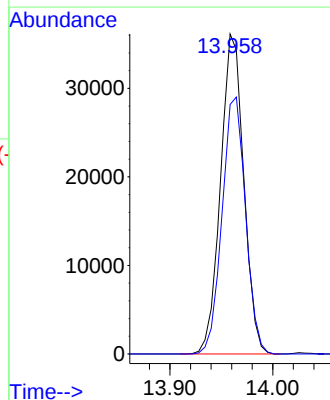
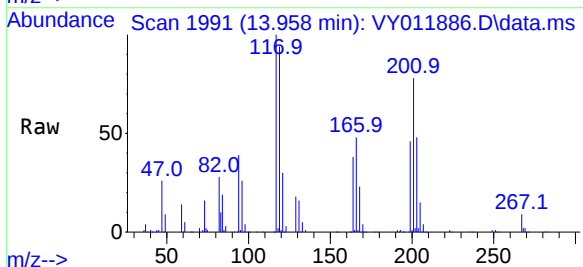
Acq: 15 Dec 2022 20:39

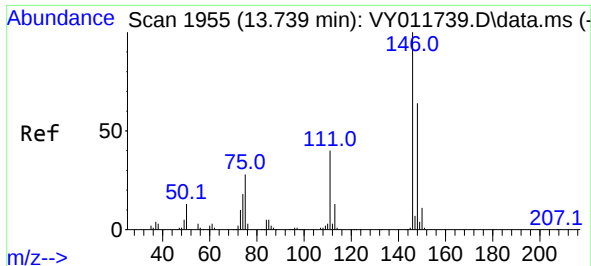
Tgt Ion: 117 Resp: 56599

Ion Ratio Lower Upper

117 100

201 81.3 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 47.021 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY011886.D

Acq: 15 Dec 2022 20:39

Instrument :

MSVOA\_Y

ClientSampleId :

RB-42-(3-5)MSD

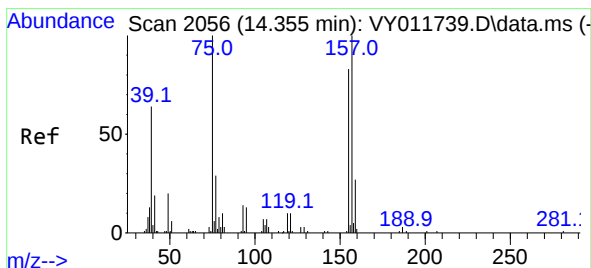
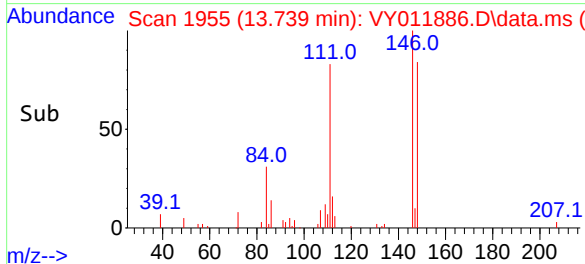
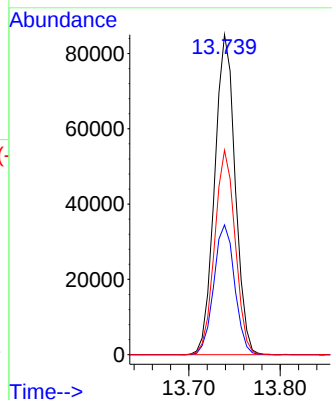
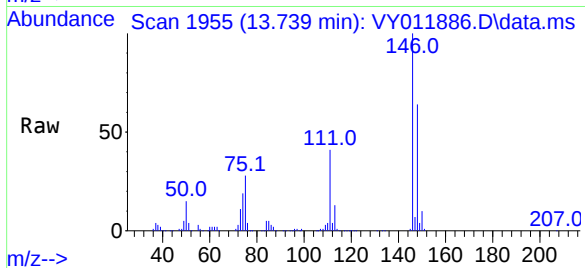
Tgt Ion:146 Resp: 132735

Ion Ratio Lower Upper

146 100

111 41.3 20.3 60.8

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.375 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011886.D

Acq: 15 Dec 2022 20:39

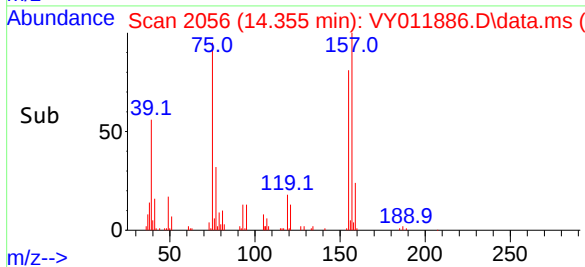
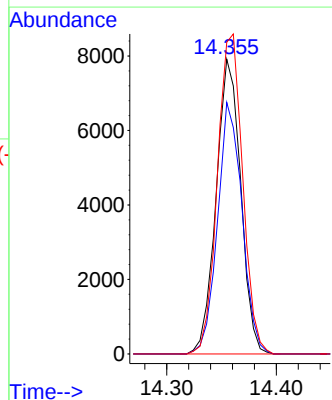
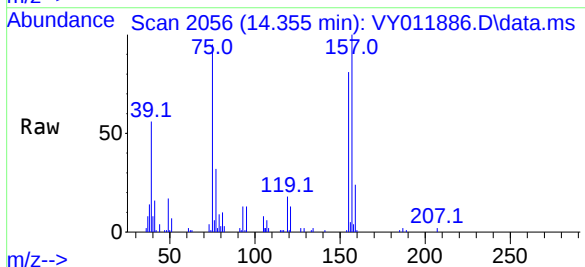
Tgt Ion: 75 Resp: 12326

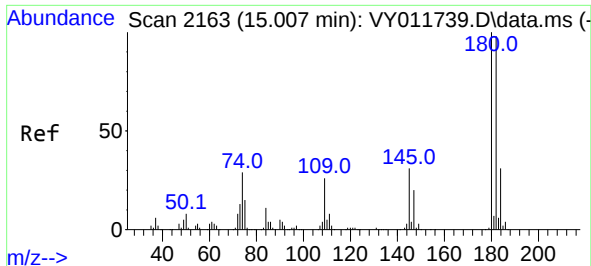
Ion Ratio Lower Upper

75 100

155 85.0 42.3 126.8

157 111.5 54.4 163.3

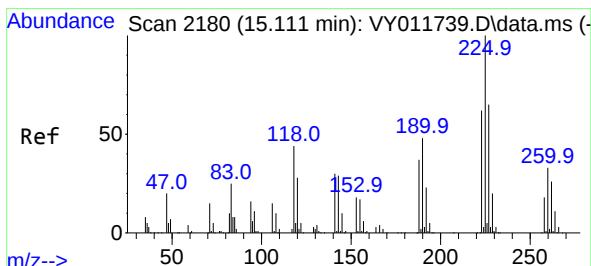
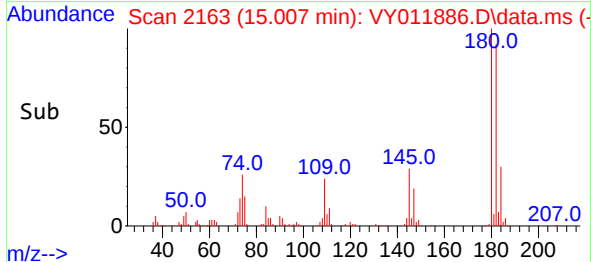
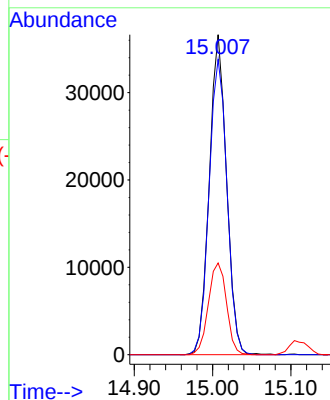
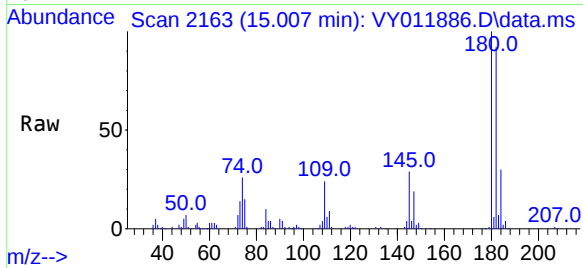




#93  
1,2,4-Trichlorobenzene  
Concen: 33.961 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

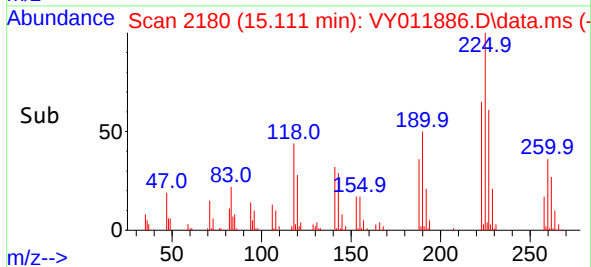
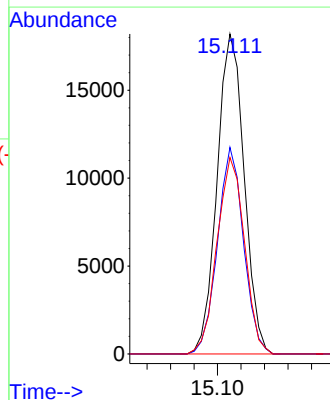
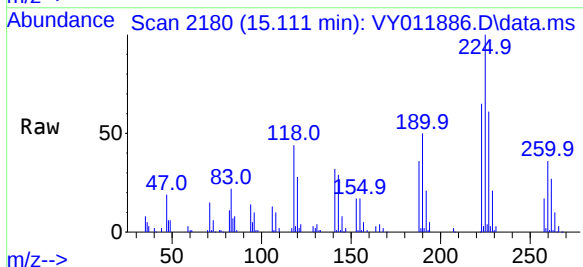
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

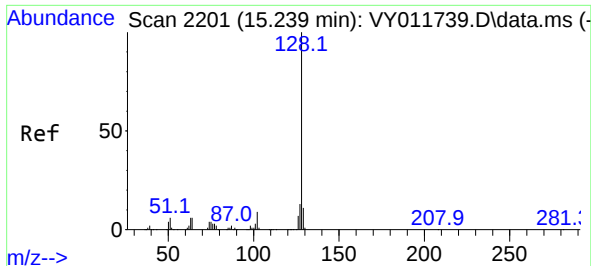
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 55915 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.3  | 48.1  | 144.3 |
| 145       | 30.0  | 15.4  | 46.4  |



#94  
Hexachlorobutadiene  
Concen: 27.861 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 29146 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.0  | 31.4  | 94.2  |
| 227       | 62.2  | 32.6  | 97.8  |

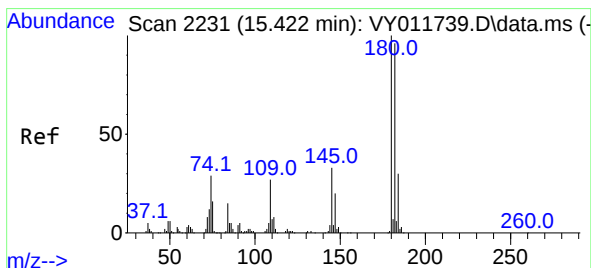
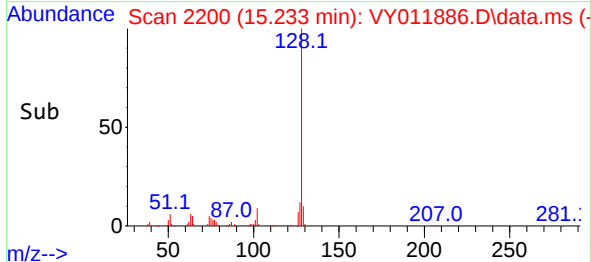
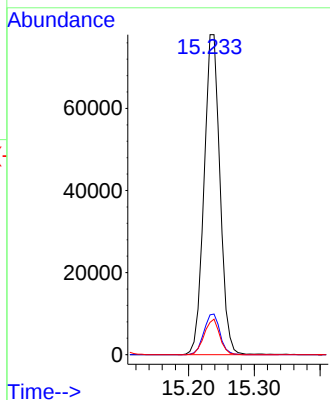
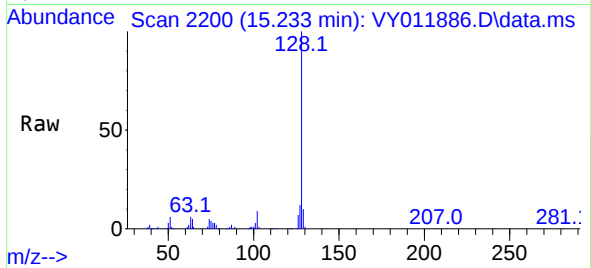




#95  
Naphthalene  
Concen: 41.244 ug/l  
RT: 15.233 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
RB-42-(3-5)MSD

Tgt Ion:128 Resp: 131522  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.2  
129 10.8 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 34.096 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: VY011886.D  
Acq: 15 Dec 2022 20:39

Tgt Ion:180 Resp: 48490  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.9 143.7  
145 31.6 16.1 48.2

