

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101221\  
 Data File : VY006372.D  
 Acq On : 12 Oct 2021 11:29  
 Operator : SY/MD  
 Sample : VY1012SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1012SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 10/15/2021 6:22:30 PM

Quant Time: Oct 13 07:38:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 17:44:36 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.795  | 168   | 139018   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 209457   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.489 | 117   | 196514   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 105286   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149  | 65    | 75203    | 50.543   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 101.080% |
| 35) Dibromofluoromethane     | 7.728  | 113   | 55895    | 49.949   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 99.900%  |
| 50) Toluene-d8               | 10.185 | 98    | 236182   | 50.429   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 100.860% |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 81443    | 51.189   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 102.380% |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 28020    | 19.871   | ug/l   | 96       |
| 3) Chloromethane             | 2.119  | 50    | 33405    | 20.339   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.259  | 62    | 38933    | 21.388   | ug/l   | 100      |
| 5) Bromomethane              | 2.649  | 94    | 29864    | 25.244   | ug/l   | 97       |
| 6) Chloroethane              | 2.796  | 64    | 23483    | 21.925   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.137  | 101   | 52066    | 21.715   | ug/l   | 95       |
| 8) Diethyl Ether             | 3.533  | 74    | 16202    | 20.459   | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 3.905  | 101   | 26968    | 21.070   | ug/l   | 97       |
| 10) Methyl Iodide            | 4.100  | 142   | 19515    | 13.990   | ug/l   | 97       |
| 11) Tert butyl alcohol       | 4.966  | 59    | 13065    | 100.381  | ug/l # | 91       |
| 12) 1,1-Dichloroethene       | 3.875  | 96    | 26409    | 20.283   | ug/l   | 90       |
| 13) Acrolein                 | 3.741  | 56    | 4528     | 63.937   | ug/l   | 99       |
| 14) Allyl chloride           | 4.491  | 41    | 49269    | 19.677   | ug/l   | 98       |
| 15) Acrylonitrile            | 5.173  | 53    | 43278    | 103.902  | ug/l   | 100      |
| 16) Acetone                  | 3.954  | 43    | 42468    | 102.192  | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.204  | 76    | 85707    | 19.682   | ug/l   | 96       |
| 18) Methyl Acetate           | 4.485  | 43    | 29390    | 20.973   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.234  | 73    | 78811    | 20.727   | ug/l   | 97       |
| 20) Methylene Chloride       | 4.722  | 84    | 32019    | 20.113   | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 5.234  | 96    | 29448    | 20.400   | ug/l   | 91       |
| 22) Diisopropyl ether        | 6.131  | 45    | 100989   | 20.387   | ug/l   | 94       |
| 23) Vinyl Acetate            | 6.070  | 43    | 296218   | 99.764   | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 6.027  | 63    | 54435    | 20.469   | ug/l   | 100      |
| 25) 2-Butanone               | 6.996  | 43    | 58825    | 101.618  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 6.990  | 77    | 51599    | 21.218   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 6.996  | 96    | 33484    | 20.712   | ug/l   | 95       |
| 28) Bromochloromethane       | 7.344  | 49    | 23715    | 21.417   | ug/l   | 94       |
| 29) Tetrahydrofuran          | 7.356  | 42    | 37526    | 102.628  | ug/l   | 96       |
| 30) Chloroform               | 7.514  | 83    | 56839    | 21.426   | ug/l   | 100      |
| 31) Cyclohexane              | 7.789  | 56    | 54439    | 19.312   | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 7.710  | 97    | 53748    | 21.943   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.923  | 75    | 42864    | 20.568   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.082  | 43    | 25023    | 20.611   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 7.905  | 117   | 49377    | 22.438   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.185  | 83    | 52448    | 20.036   | ug/l   | 97       |
| 40) Benzene                  | 8.167  | 78    | 125400   | 21.209   | ug/l   | 98       |

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 Sample : VY1012SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

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Manual Integrations  
 APPROVED

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 10/15/2021 6:22:30 PM

Quant Time: Oct 13 07:38:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 17:44:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.332  | 41   | 15596m   | 19.804  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 42665    | 22.396  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 48512    | 20.834  | ug/l   | 97       |
| 44) Trichloroethene           | 8.941  | 130  | 33583    | 21.993  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.221  | 63   | 30336    | 20.842  | ug/l   | 97       |
| 46) Dibromomethane            | 9.307  | 93   | 16717    | 21.569  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.502  | 83   | 43215    | 21.655  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.301  | 41   | 22558    | 20.194  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 3984     | 393.987 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 127614   | 105.551 | ug/l   | 98       |
| 52) Toluene                   | 10.246 | 92   | 78011    | 21.272  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 45354    | 20.844  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 48963    | 20.469  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 23632    | 21.670  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 34297    | 20.691  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 41674    | 21.118  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.788  | 63   | 85553    | 105.337 | ug/l   | 96       |
| 59) 2-Hexanone                | 10.837 | 43   | 92633    | 107.574 | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.983 | 129  | 28846    | 21.771  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 21774    | 21.087  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 37753    | 23.854  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 83107    | 21.344  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 31087    | 21.665  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 151846   | 20.689  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 118983   | 42.721  | ug/l   | 96       |
| 69) o-Xylene                  | 12.032 | 106  | 54944    | 20.888  | ug/l   | 97       |
| 70) Styrene                   | 12.044 | 104  | 97215    | 21.763  | ug/l   | 97       |
| 71) Bromoform                 | 12.209 | 173  | 19684    | 22.059  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.331 | 105  | 147823   | 19.601  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 43574    | 18.615  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 25252    | 18.540  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 22943m   | 22.420  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 35787    | 20.239  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 183319   | 19.747  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 101752   | 19.807  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 127435   | 20.208  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 10294    | 19.768  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 106107   | 19.971  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 108605   | 20.144  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 124821   | 20.045  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 164495   | 20.189  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 139192   | 20.245  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 72643    | 20.735  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 72134    | 20.882  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 130265   | 19.940  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 25737    | 20.613  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 64043    | 20.906  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 4924     | 18.976  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 42276    | 20.884  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 27267    | 20.647  | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 77203    | 19.195  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 35362    | 19.709  | ug/l   | 98       |

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Sample : VY1012SBS01  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

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MSVOA\_Y  
ClientSampleId :  
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Manual Integrations  
APPROVED

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10/15/2021 6:22:30 PM

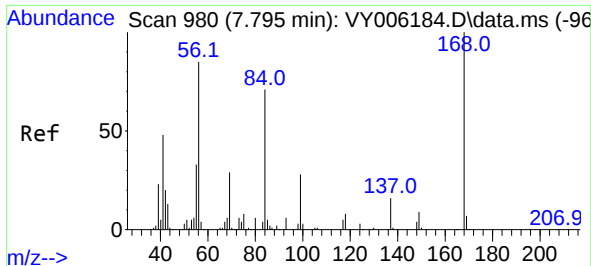
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 28 17:44:36 2021  
Response via : Initial Calibration

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

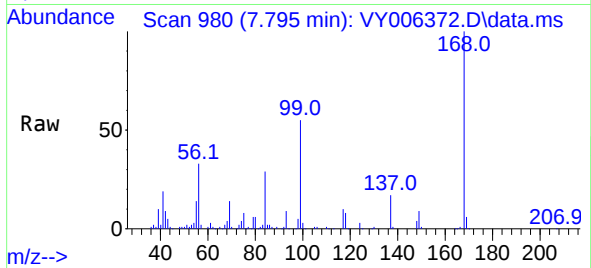
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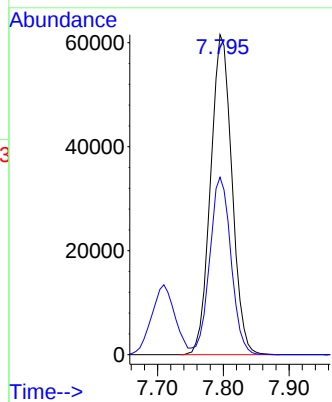
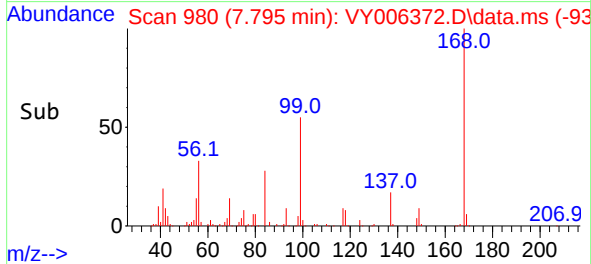




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



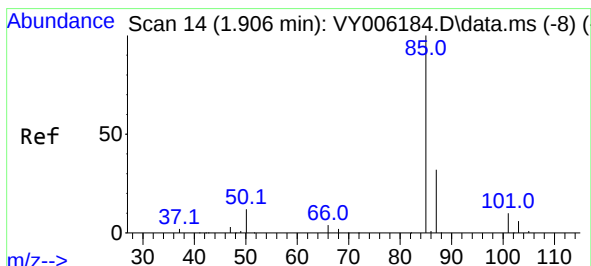
Tgt Ion: 168 Resp: 139018  
Ion Ratio Lower Upper  
168 100  
99 55.5 46.9 70.3



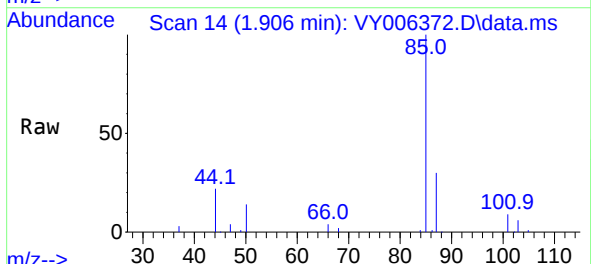
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

Manual Integrations  
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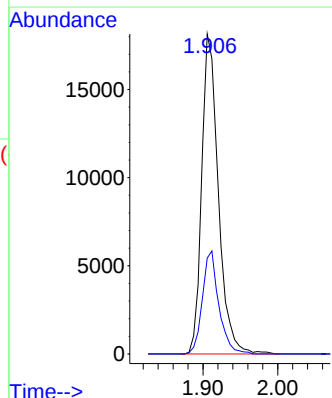
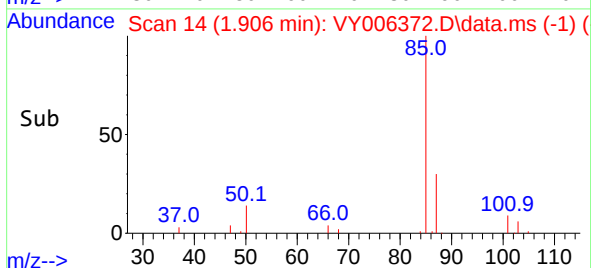
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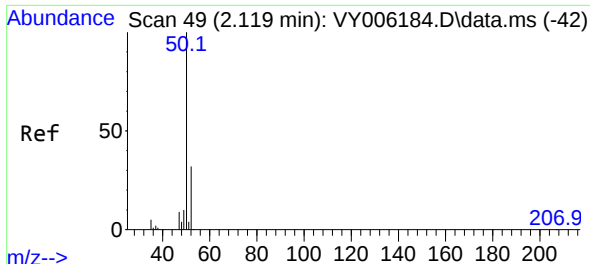


#2  
Dichlorodifluoromethane  
Concen: 19.871 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



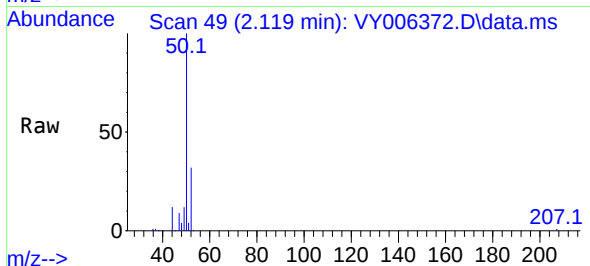
Tgt Ion: 85 Resp: 28020  
Ion Ratio Lower Upper  
85 100  
87 30.0 16.1 48.2





#3  
Chloromethane  
Concen: 20.339 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

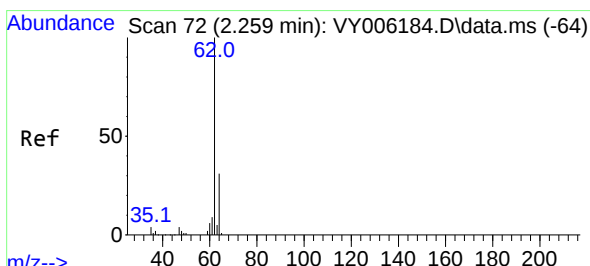
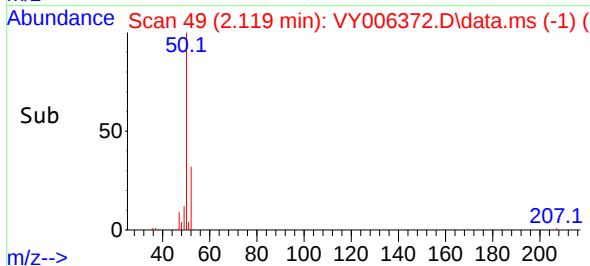
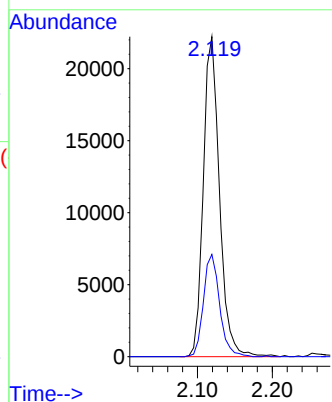
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01



Tgt Ion: 50 Resp: 33405  
Ion Ratio Lower Upper  
50 100  
52 31.9 24.6 37.0

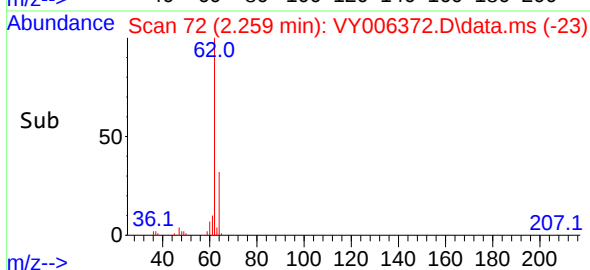
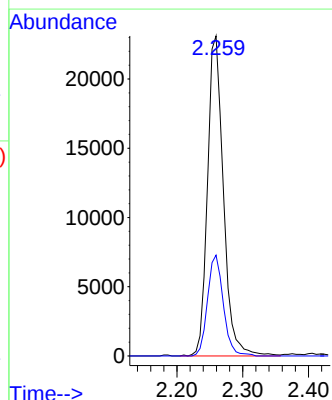
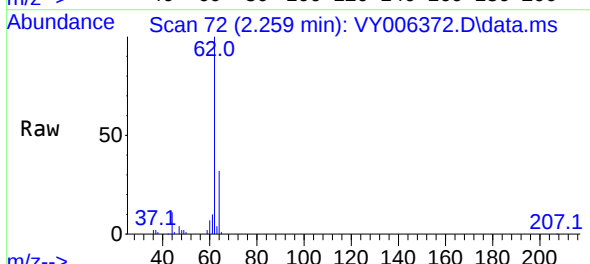
Manual Integrations  
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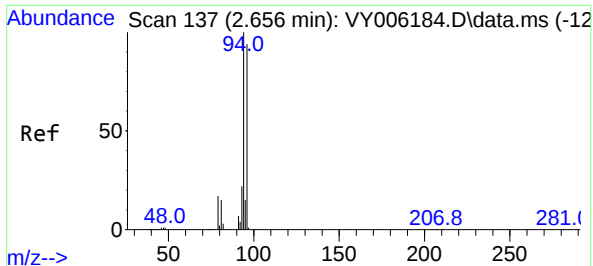
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10/15/2021 6:22:30 PM



#4  
Vinyl Chloride  
Concen: 21.388 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 62 Resp: 38933  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.0 37.6





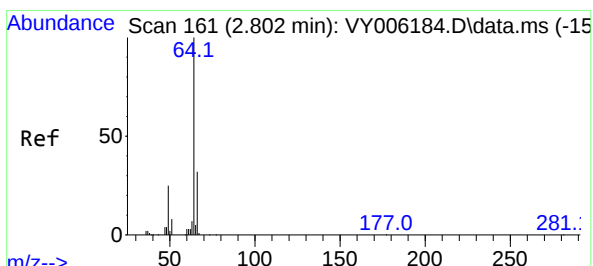
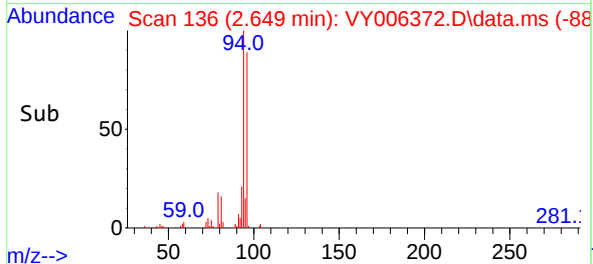
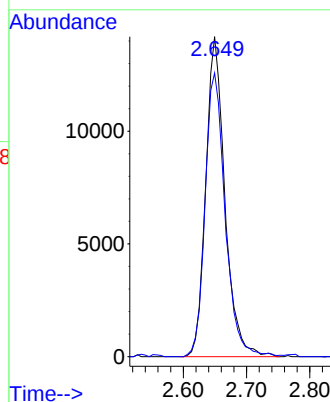
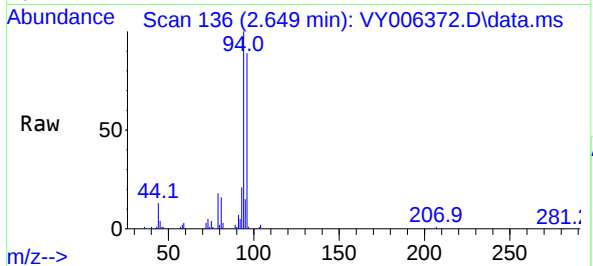
#5  
Bromomethane  
Concen: 25.244 ug/l  
RT: 2.649 min Scan# 136  
Delta R.T. -0.007 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 94 Resp: 29864  
Ion Ratio Lower Upper  
94 100  
96 88.7 73.5 110.3

Instrument :  
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VY1012SBS01

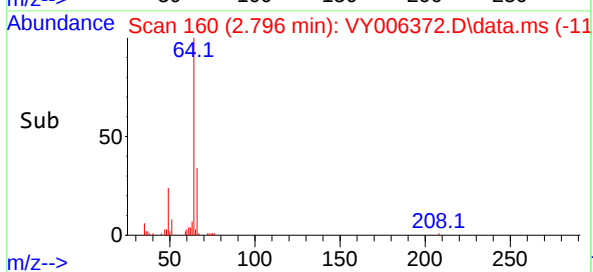
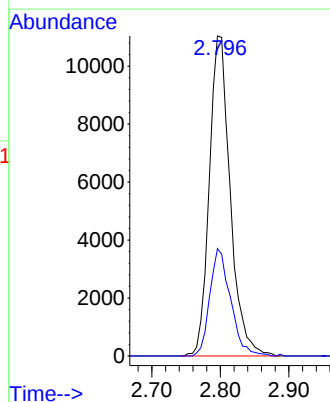
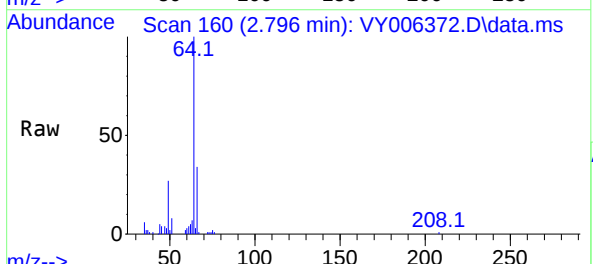
Manual Integrations  
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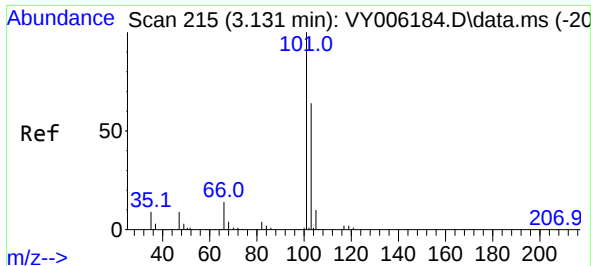
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#6  
Chloroethane  
Concen: 21.925 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 64 Resp: 23483  
Ion Ratio Lower Upper  
64 100  
66 33.6 25.4 38.0





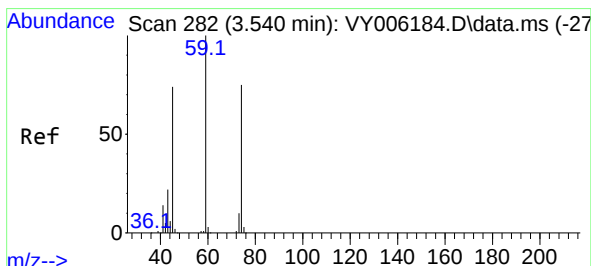
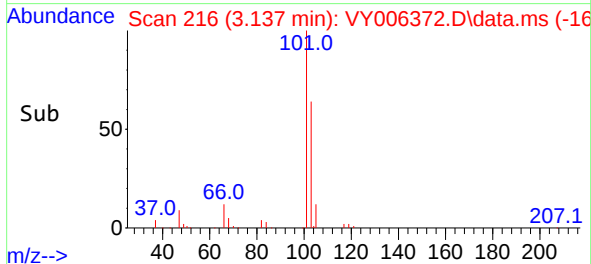
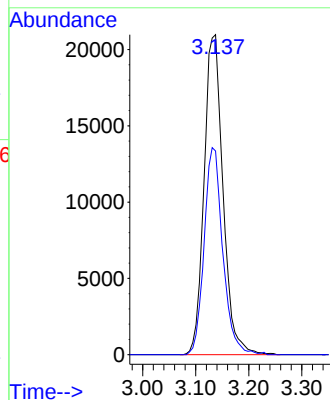
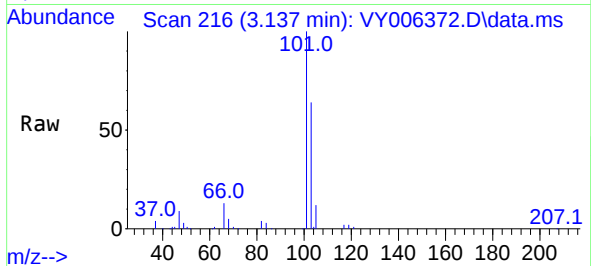
#7  
Trichlorofluoromethane  
Concen: 21.715 ug/l  
RT: 3.137 min Scan# 216  
Delta R.T. 0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion:101 Resp: 52066  
Ion Ratio Lower Upper  
101 100  
103 63.7 48.0 72.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

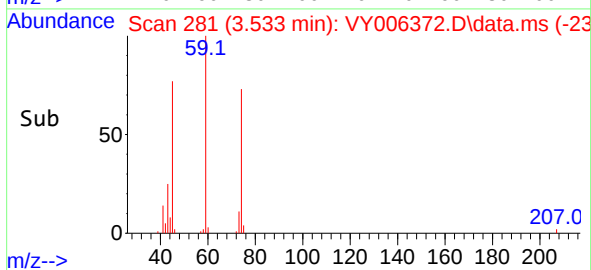
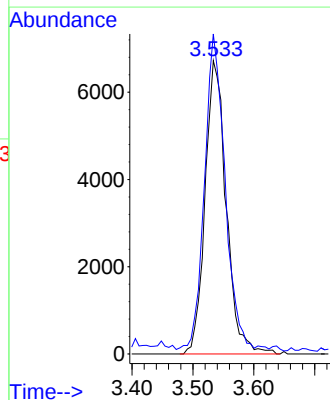
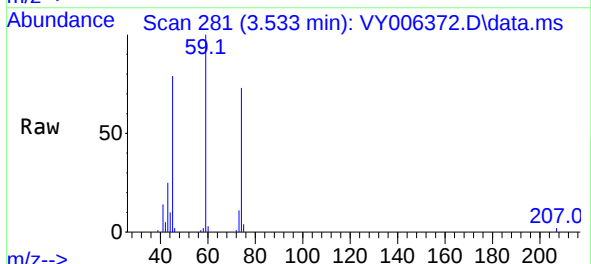
Manual Integrations  
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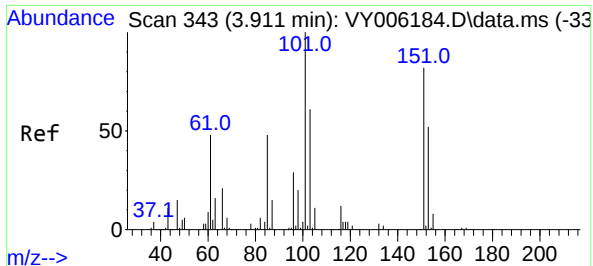
MMDadoda  
10/15/2021 6:22:30 PM



#8  
Diethyl Ether  
Concen: 20.459 ug/l  
RT: 3.533 min Scan# 281  
Delta R.T. -0.007 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 74 Resp: 16202  
Ion Ratio Lower Upper  
74 100  
45 104.6 55.1 165.5





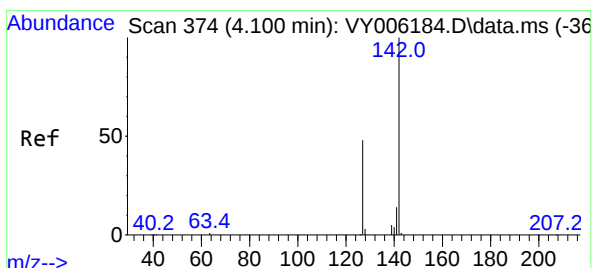
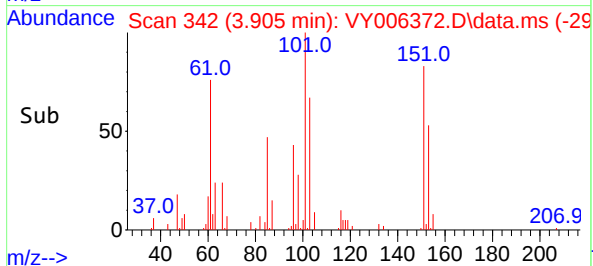
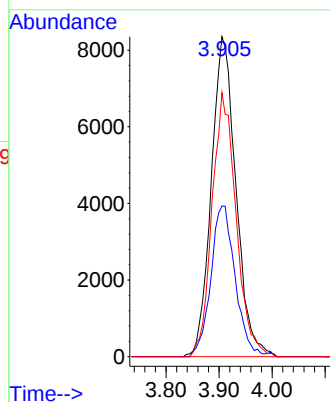
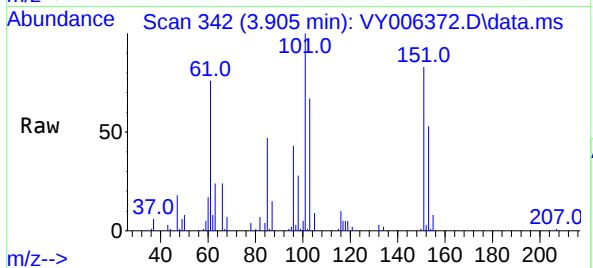
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.070 ug/l  
RT: 3.905 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 26968 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.4  | 40.6  | 60.8  |
| 151      | 80.6  | 64.9  | 97.3  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

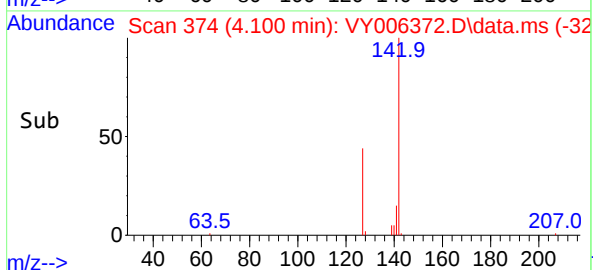
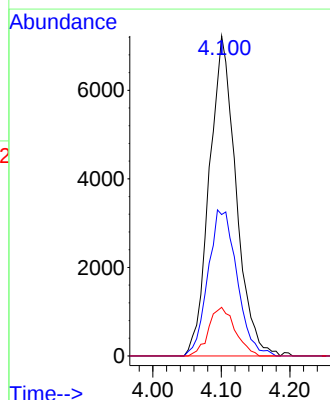
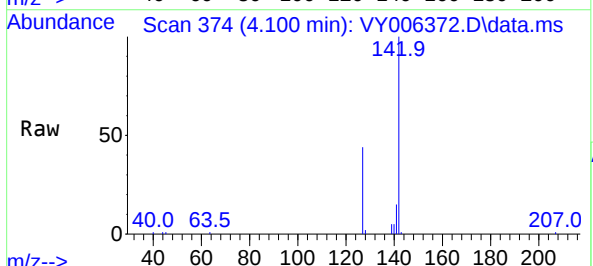
Manual Integrations  
APPROVED

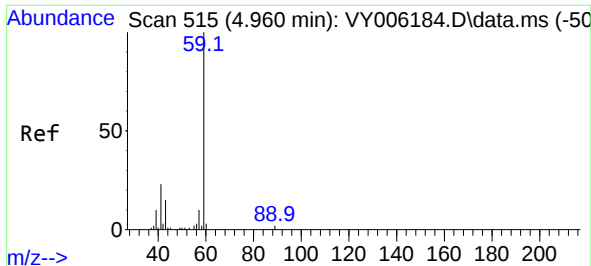
MMDadoda  
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#10  
Methyl Iodide  
Concen: 13.990 ug/l  
RT: 4.100 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 19515 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 49.7  | 41.5  | 62.3  |
| 141      | 15.2  | 11.9  | 17.9  |





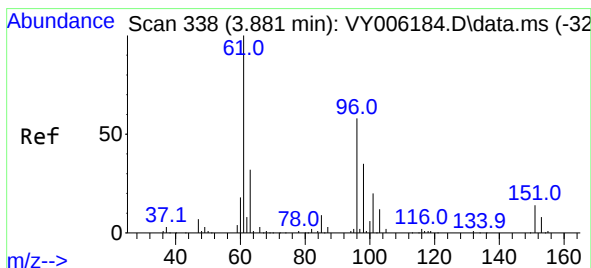
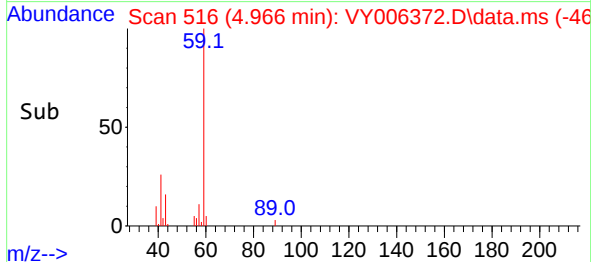
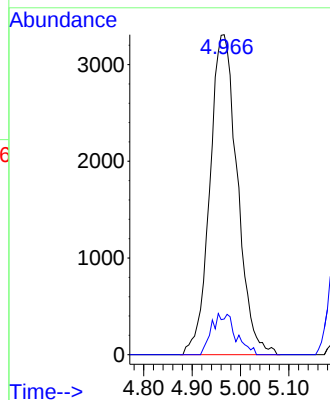
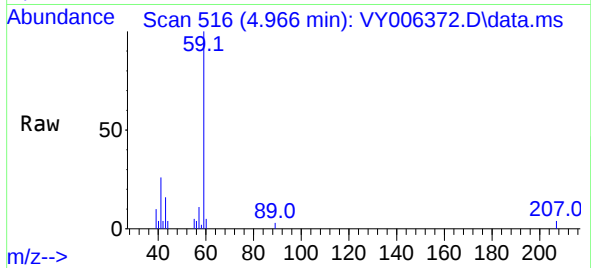
#11  
Tert butyl alcohol  
Concen: 100.381 ug/l  
RT: 4.966 min Scan# 516  
Delta R.T. 0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 59 Resp: 13065  
Ion Ratio Lower Upper  
59 100  
57 11.2 6.4 9.6#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

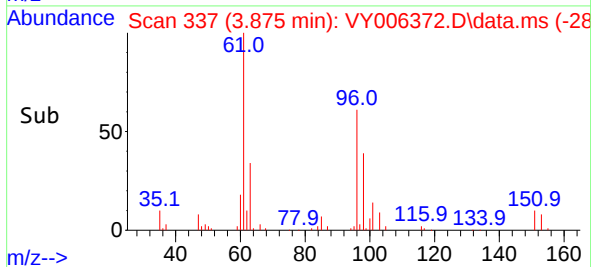
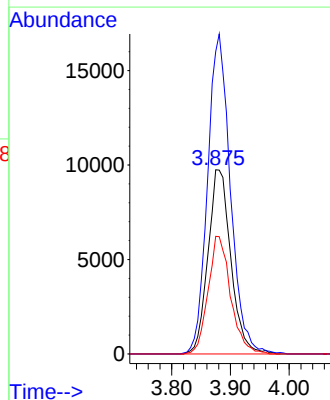
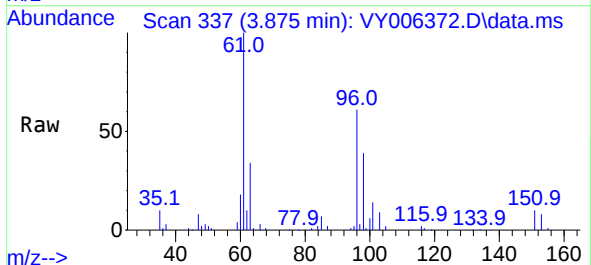
Manual Integrations  
APPROVED

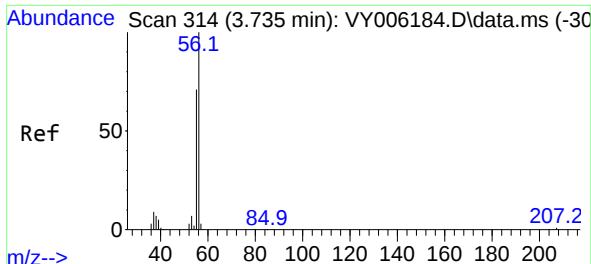
MMDadoda  
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#12  
1,1-Dichloroethene  
Concen: 20.283 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

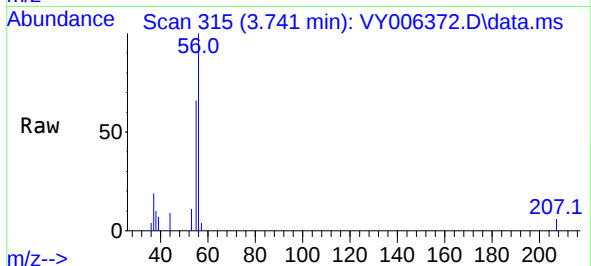
Tgt Ion: 96 Resp: 26409  
Ion Ratio Lower Upper  
96 100  
61 164.2 145.8 218.6  
98 63.8 52.5 78.7





#13  
Acrolein  
Concen: 63.937 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. 0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

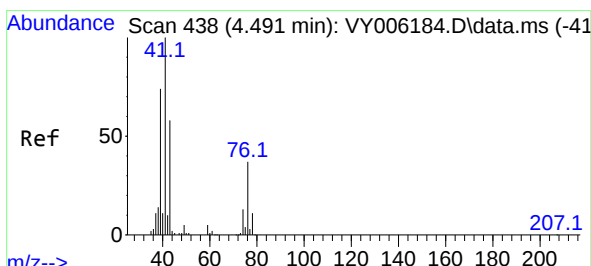
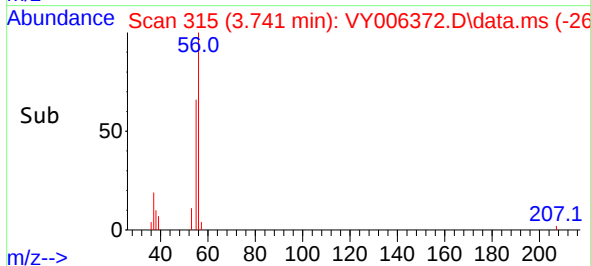
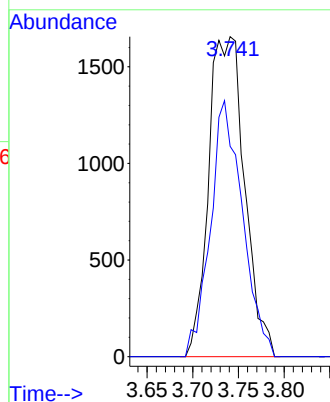
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01



Tgt Ion: 56 Resp: 4528  
Ion Ratio Lower Upper  
56 100  
55 71.3 57.6 86.4

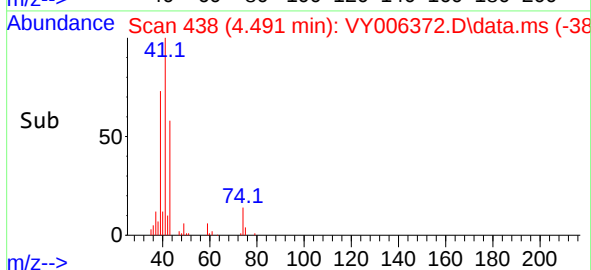
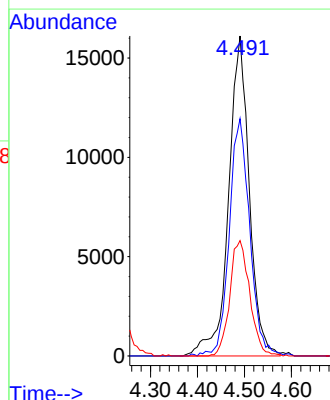
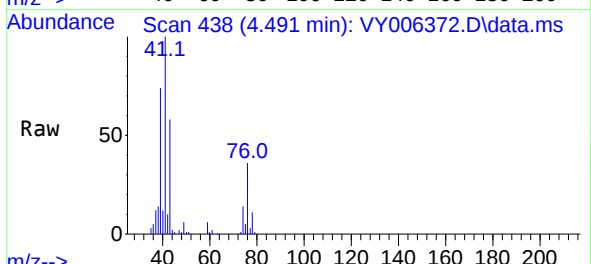
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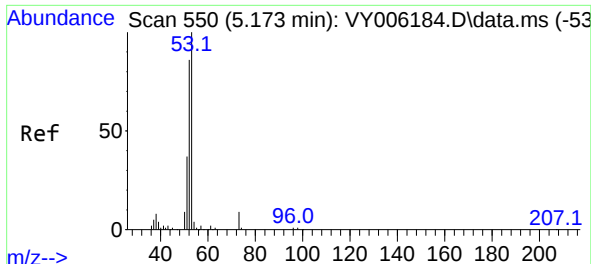
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#14  
Allyl chloride  
Concen: 19.677 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

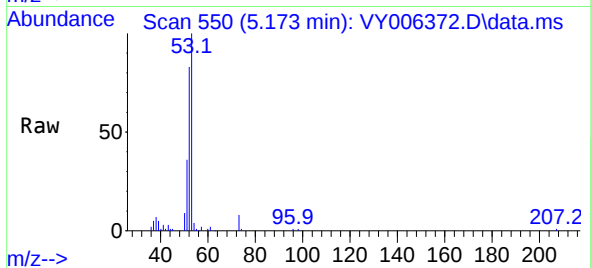
Tgt Ion: 41 Resp: 49269  
Ion Ratio Lower Upper  
41 100  
39 73.2 58.8 88.2  
76 34.8 25.1 37.7





#15  
Acrylonitrile  
Concen: 103.902 ug/l  
RT: 5.173 min Scan# 550  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

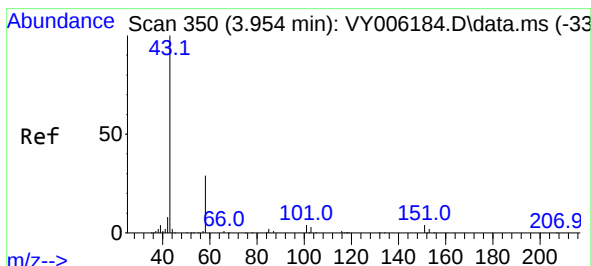
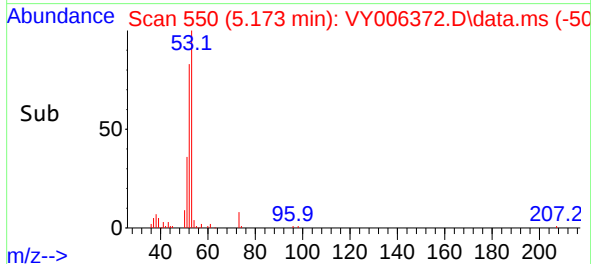
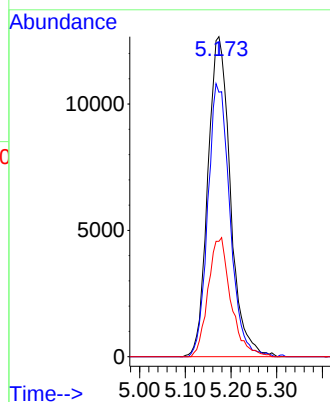
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01



Tgt Ion: 53 Resp: 43278  
Ion Ratio Lower Upper  
53 100  
52 83.6 67.0 100.4  
51 37.6 29.8 44.6

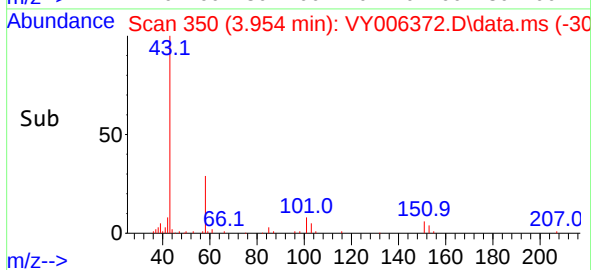
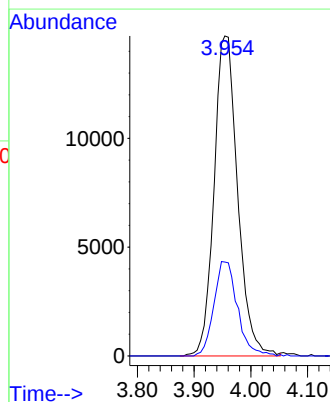
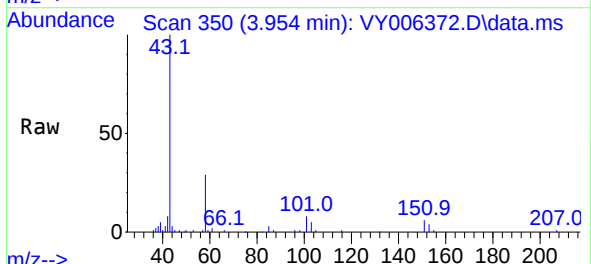
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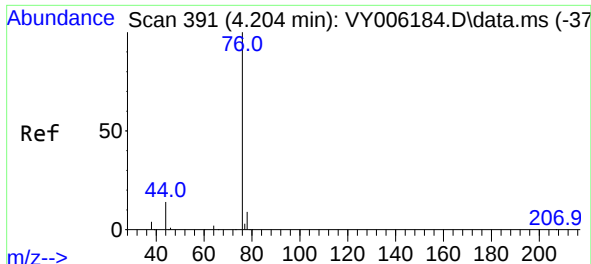
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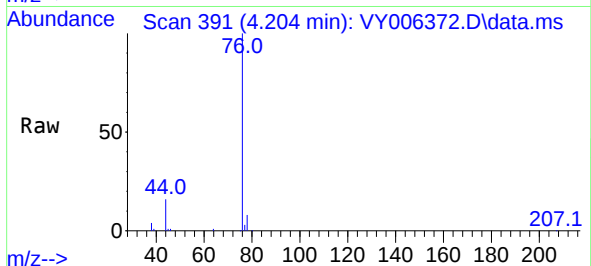
#16  
Acetone  
Concen: 102.192 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 43 Resp: 42468  
Ion Ratio Lower Upper  
43 100  
58 29.3 22.0 33.0

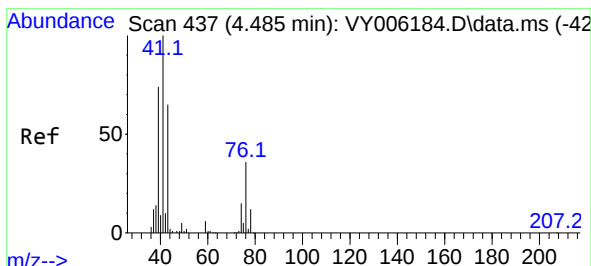
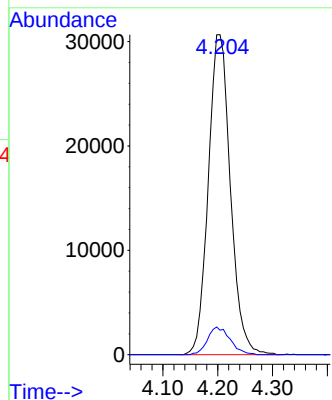
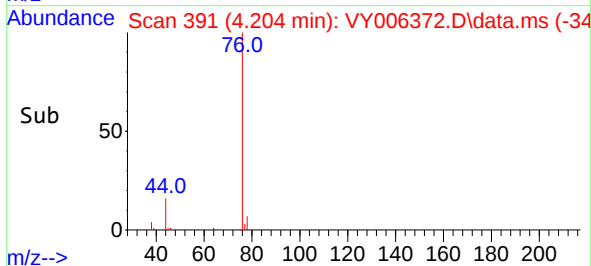




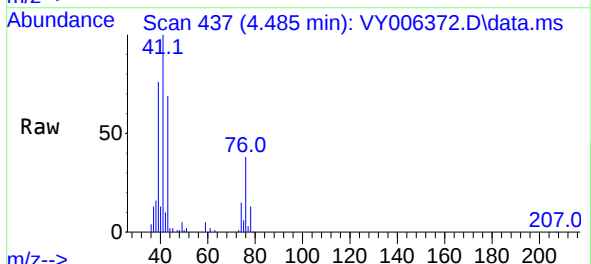
#17  
Carbon Disulfide  
Concen: 19.682 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



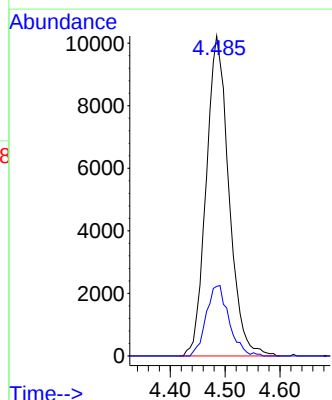
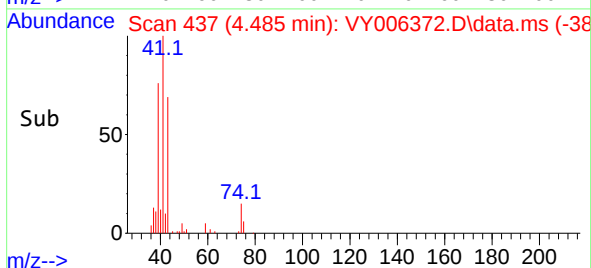
Tgt Ion: 76 Resp: 85707  
Ion Ratio Lower Upper  
76 100  
78 7.6 7.4 11.0



#18  
Methyl Acetate  
Concen: 20.973 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



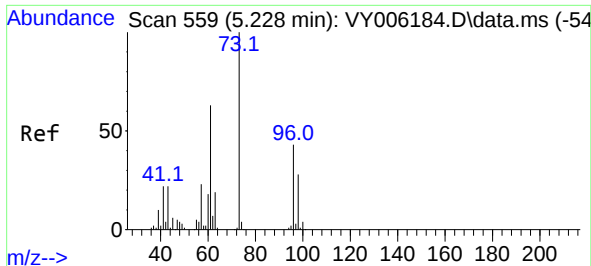
Tgt Ion: 43 Resp: 29390  
Ion Ratio Lower Upper  
43 100  
74 22.1 16.6 24.8



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

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#19

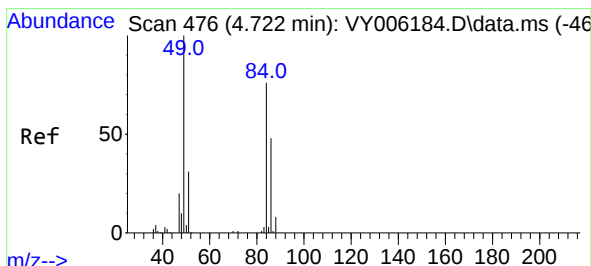
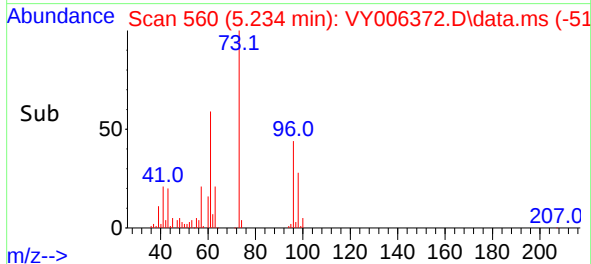
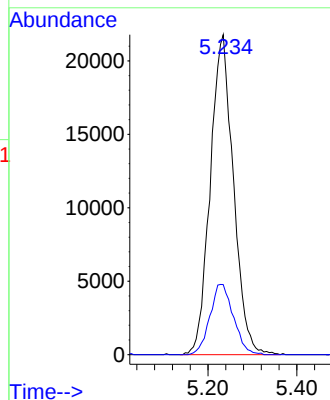
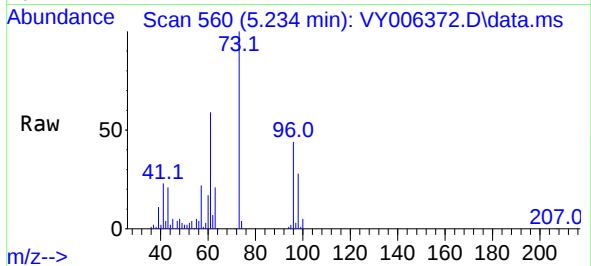
Methyl tert-butyl Ether  
Concen: 20.727 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 73 Resp: 78811  
Ion Ratio Lower Upper  
73 100  
57 21.9 18.6 27.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

Manual Integrations  
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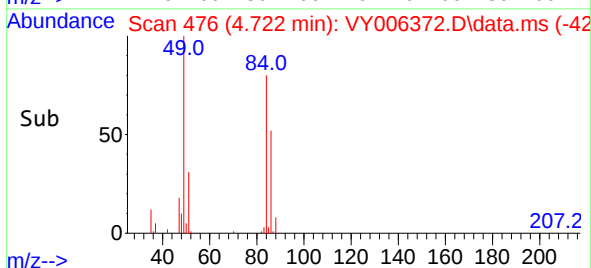
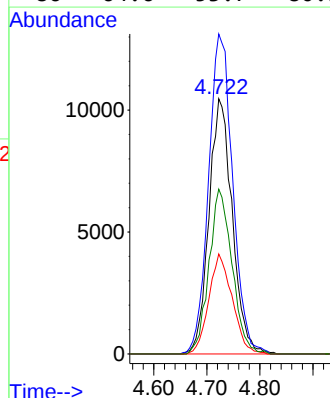
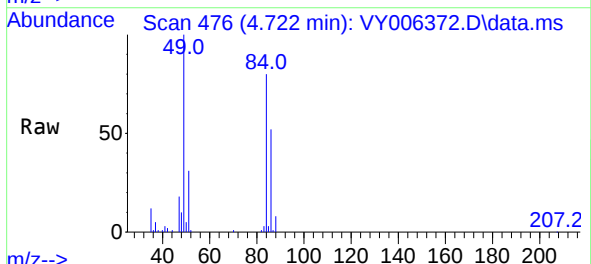
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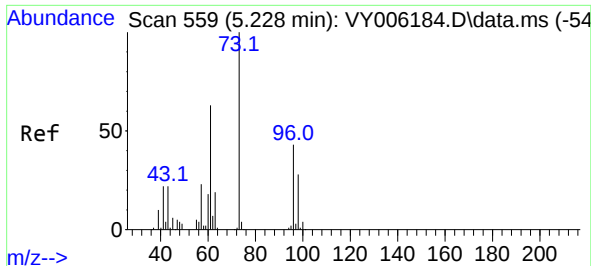


#20

Methylene Chloride  
Concen: 20.113 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 84 Resp: 32019  
Ion Ratio Lower Upper  
84 100  
49 125.4 114.4 171.6  
51 39.2 35.3 52.9  
86 64.6 53.7 80.5





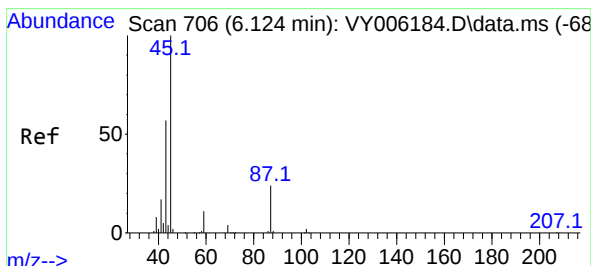
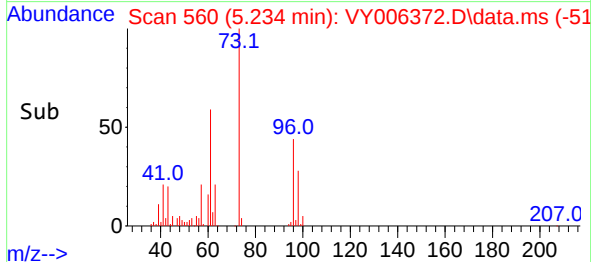
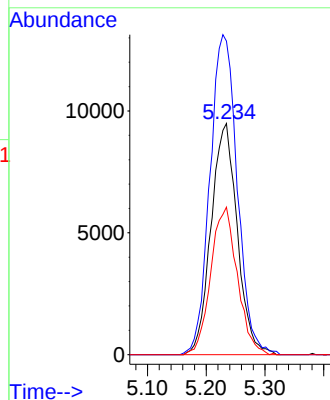
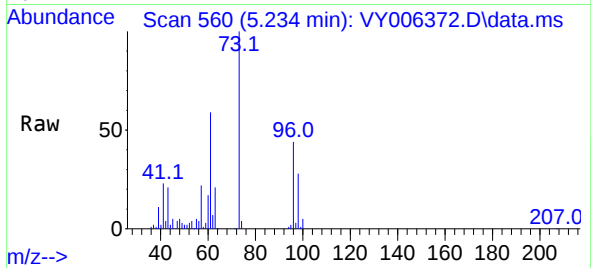
#21  
trans-1,2-Dichloroethene  
Concen: 20.400 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 96 Resp: 29448  
Ion Ratio Lower Upper  
96 100  
61 135.7 120.5 180.7  
98 63.8 49.8 74.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

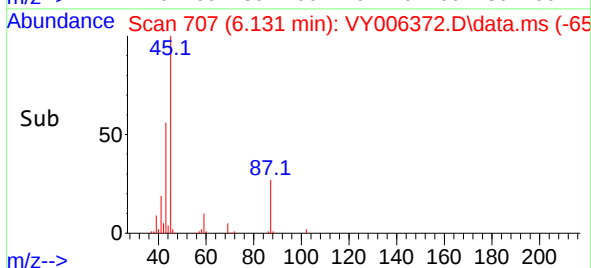
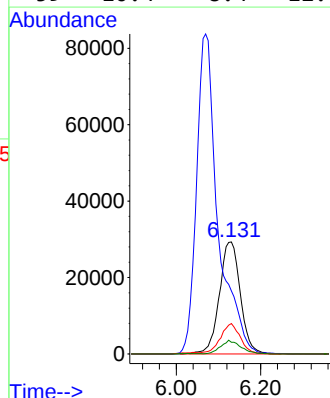
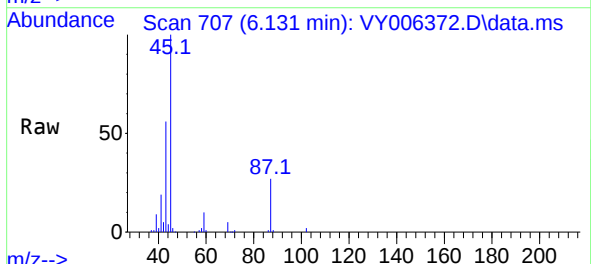
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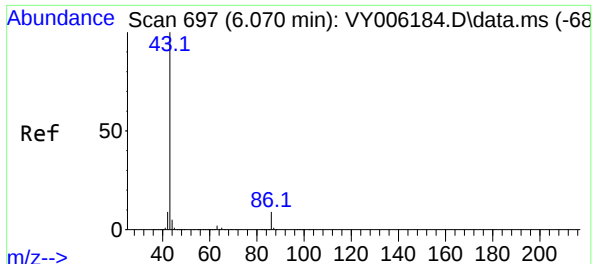
MMDadoda  
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#22  
Diisopropyl ether  
Concen: 20.387 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 45 Resp: 100989  
Ion Ratio Lower Upper  
45 100  
43 55.9 49.3 73.9  
87 27.2 19.2 28.8  
59 10.4 8.4 12.6





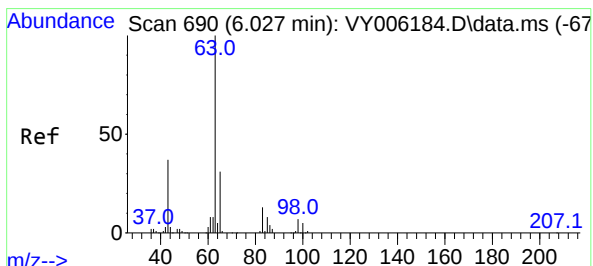
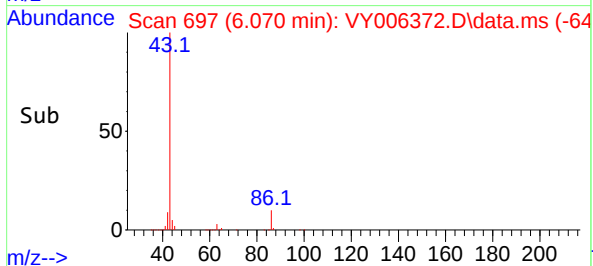
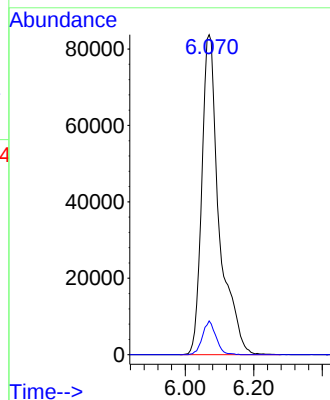
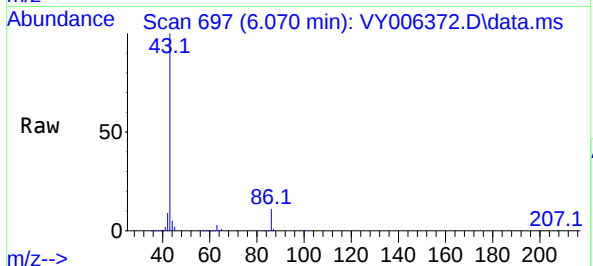
#23  
 Vinyl Acetate  
 Concen: 99.764 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. 0.000 min  
 Lab File: VY006372.D  
 Acq: 12 Oct 2021 11:29

Tgt Ion: 43 Resp: 296218  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 7.1 10.7

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1012SBS01

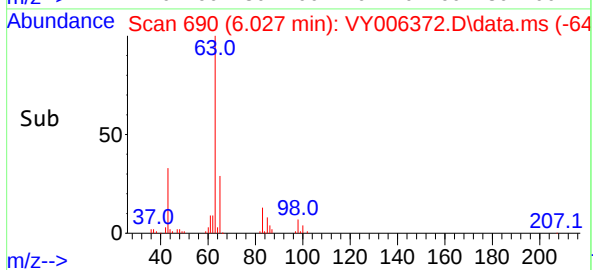
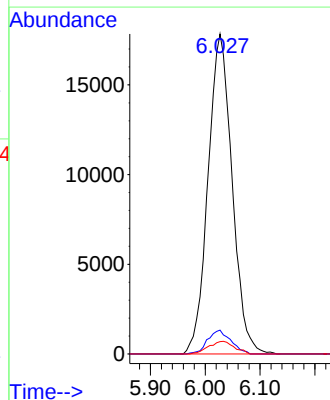
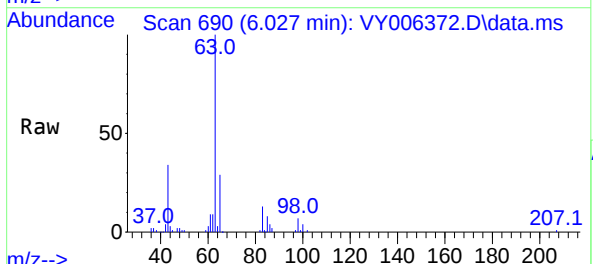
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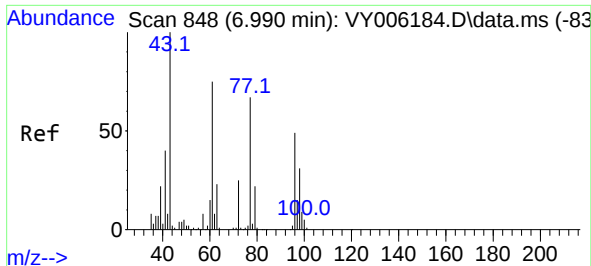
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#24  
 1,1-Dichloroethane  
 Concen: 20.469 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. 0.000 min  
 Lab File: VY006372.D  
 Acq: 12 Oct 2021 11:29

Tgt Ion: 63 Resp: 54435  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.6 10.8  
 100 3.9 2.0 5.8





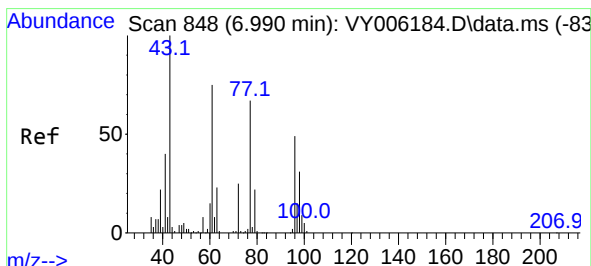
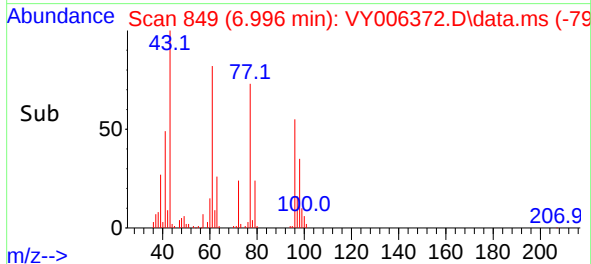
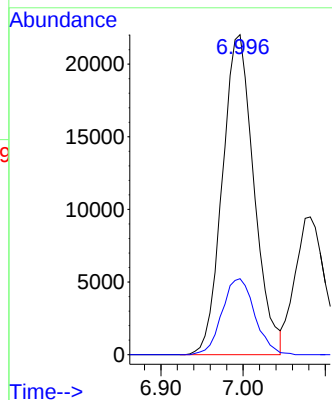
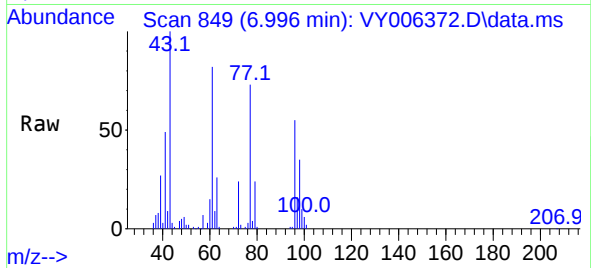
#25  
2-Butanone  
Concen: 101.618 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 43 Resp: 58825  
Ion Ratio Lower Upper  
43 100  
72 23.7 17.7 26.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

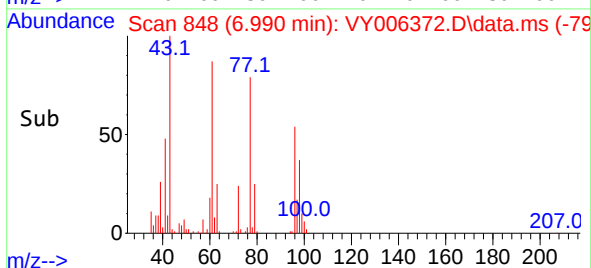
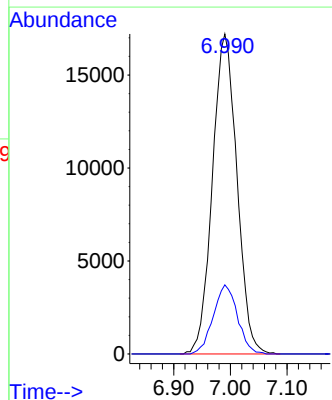
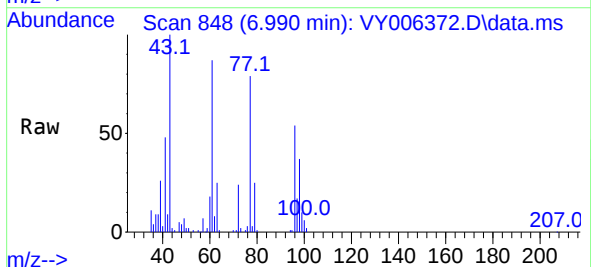
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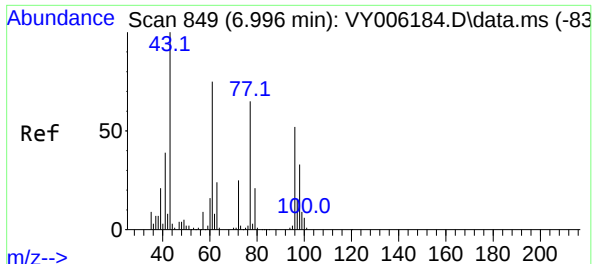
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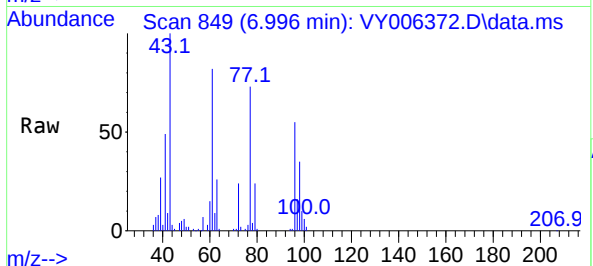
#26  
2,2-Dichloropropane  
Concen: 21.218 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 77 Resp: 51599  
Ion Ratio Lower Upper  
77 100  
97 21.3 10.4 31.4



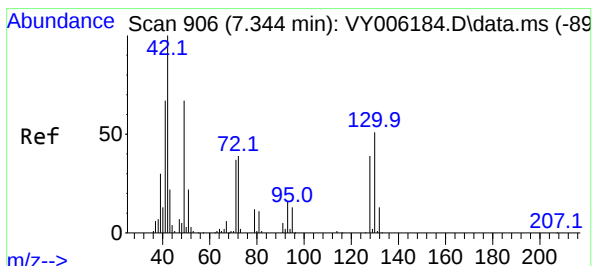
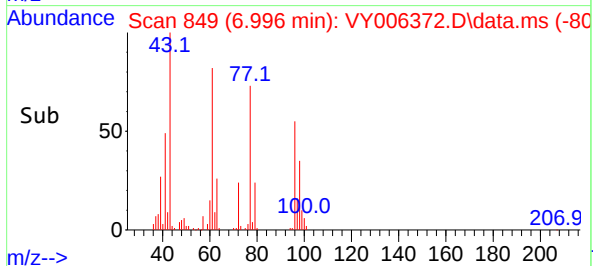
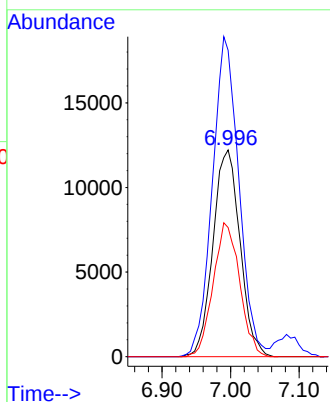


#27  
cis-1,2-Dichloroethene  
Concen: 20.712 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

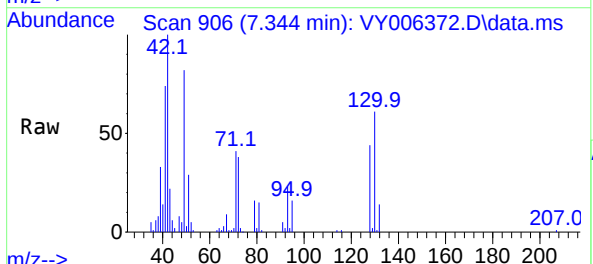


Tgt Ion: 96 Resp: 33484

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 151.4 | 0.0   | 319.8 |
| 98  | 63.3  | 0.0   | 127.0 |

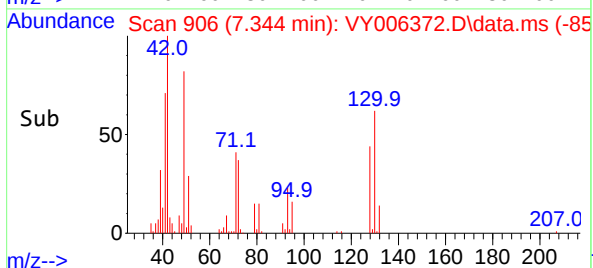
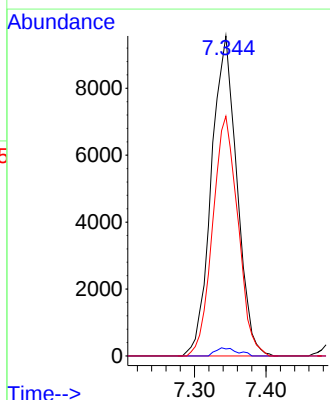


#28  
Bromochloromethane  
Concen: 21.417 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



Tgt Ion: 49 Resp: 23715

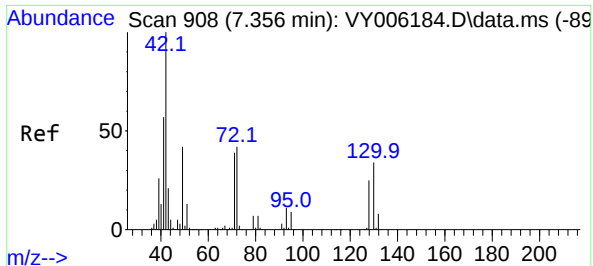
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 2.2   |
| 130 | 74.1  | 55.4  | 83.0  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
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#29

Tetrahydrofuran

Concen: 102.628 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY006372.D

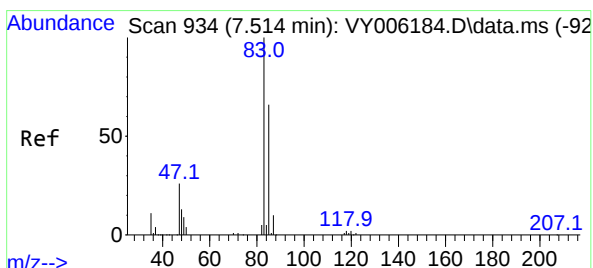
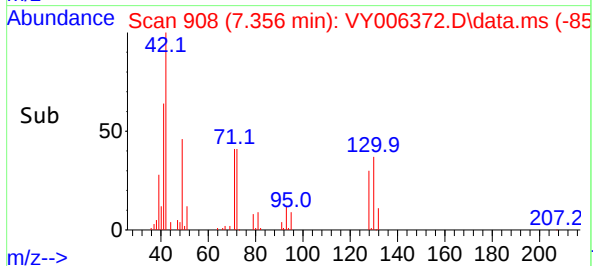
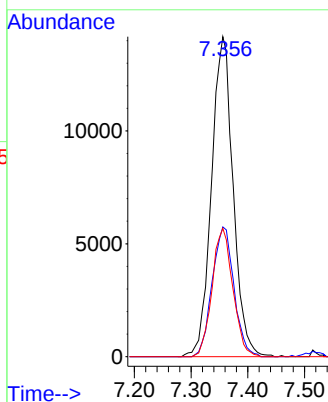
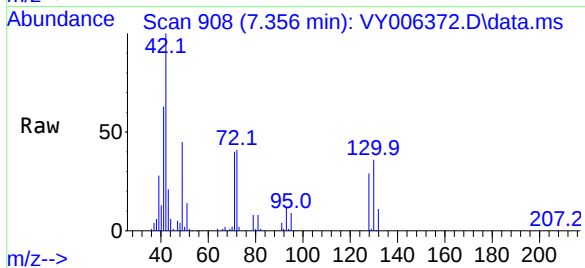
Acq: 12 Oct 2021 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 37526 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 40.9  | 30.3  | 45.5  |
| 71       | 38.5  | 29.0  | 43.4  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

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#30

Chloroform

Concen: 21.426 ug/l

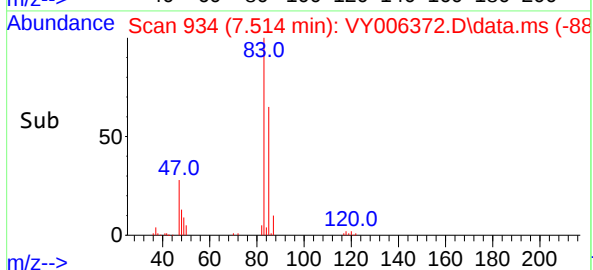
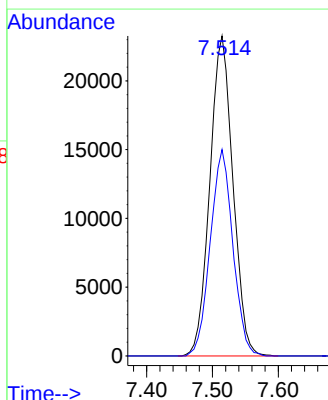
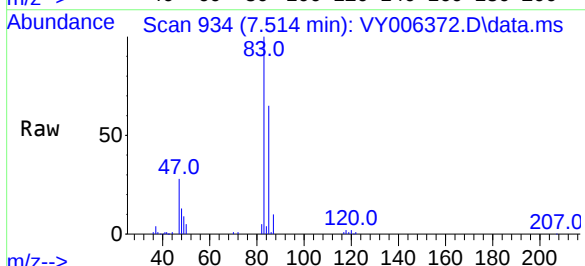
RT: 7.514 min Scan# 934

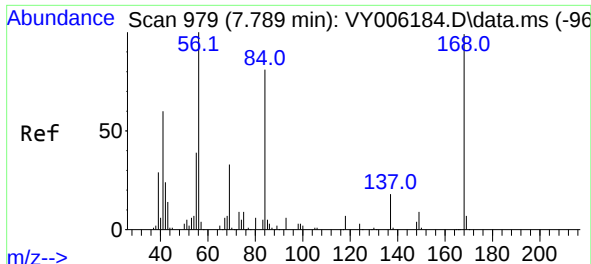
Delta R.T. 0.000 min

Lab File: VY006372.D

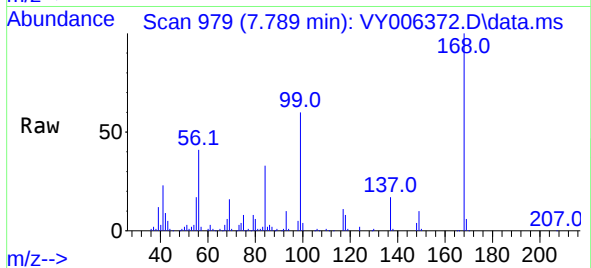
Acq: 12 Oct 2021 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 56839 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.5  | 51.8  | 77.6  |

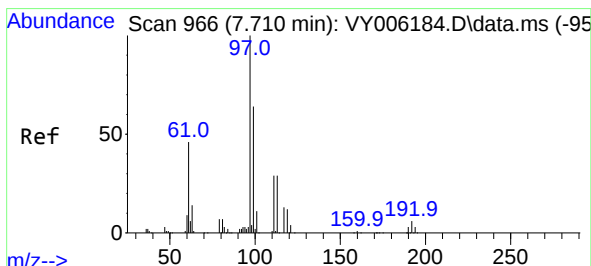
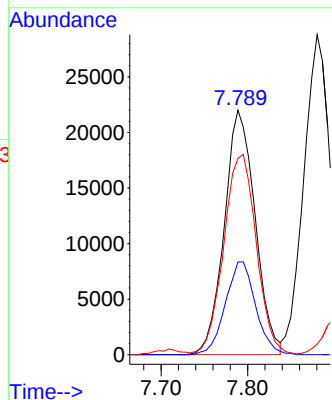
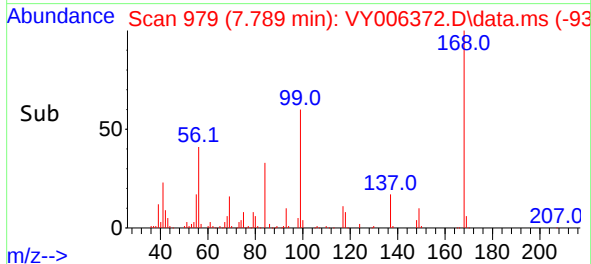




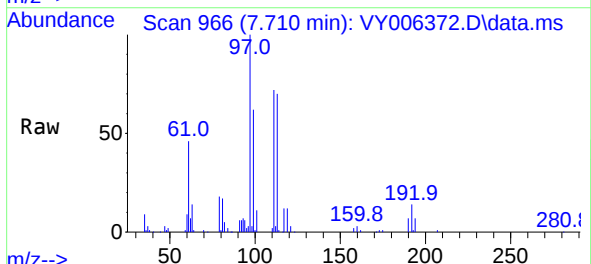
#31  
Cyclohexane  
Concen: 19.312 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



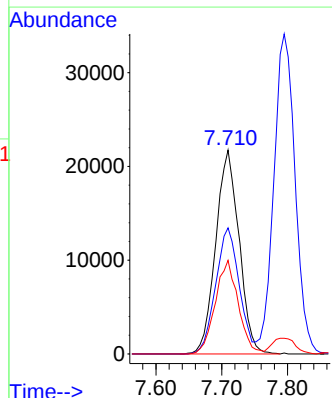
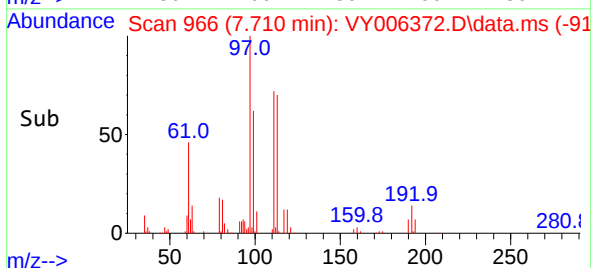
Tgt Ion: 56 Resp: 54439  
Ion Ratio Lower Upper  
56 100  
69 37.9 26.7 40.1  
84 79.2 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 21.943 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



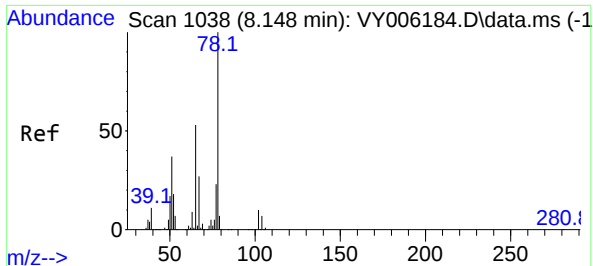
Tgt Ion: 97 Resp: 53748  
Ion Ratio Lower Upper  
97 100  
99 61.9 50.7 76.1  
61 45.3 37.6 56.4



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

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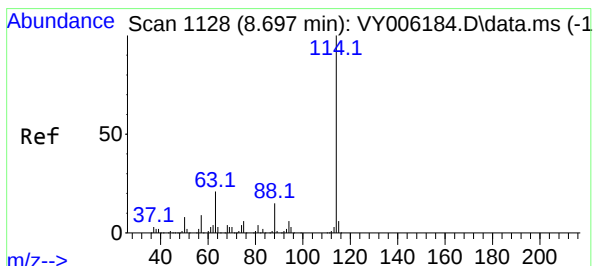
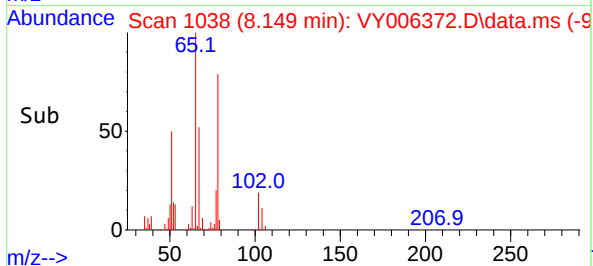
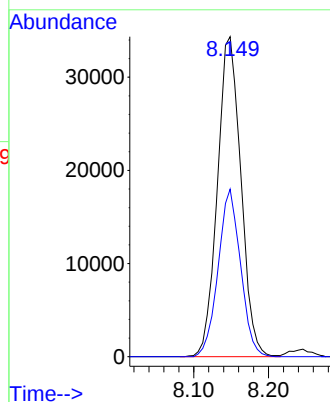
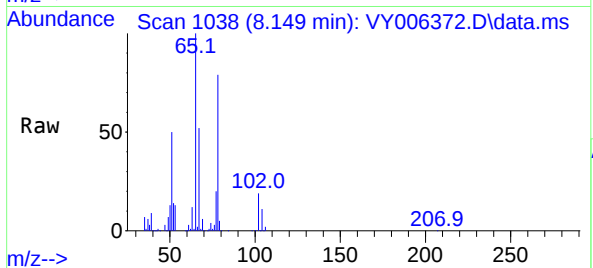
#33  
1,2-Dichloroethane-d4  
Concen: 50.543 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 65 Resp: 75203  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 99.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

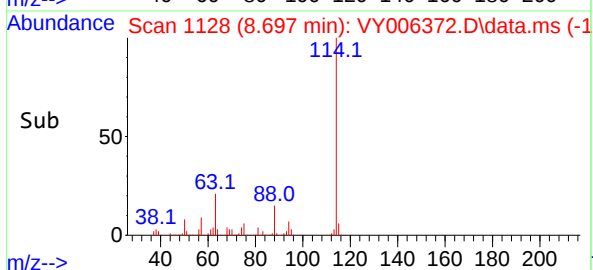
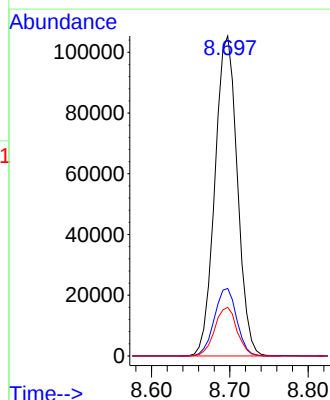
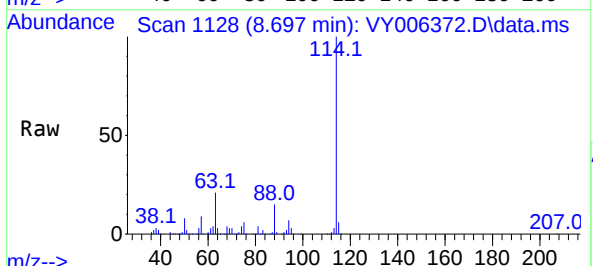
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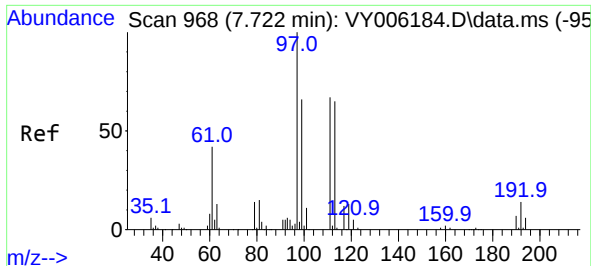
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#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 114 Resp: 209457  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 43.2  
88 15.2 0.0 31.8





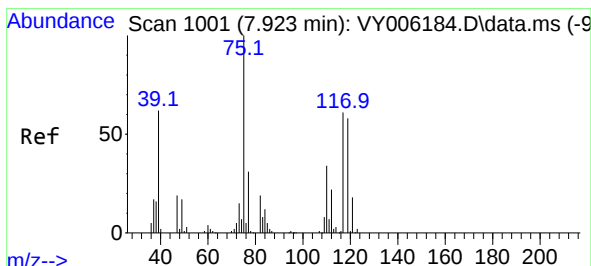
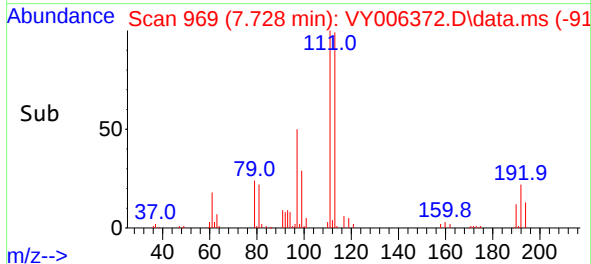
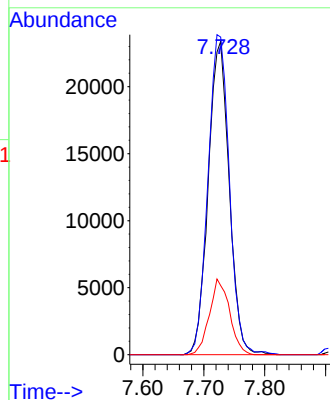
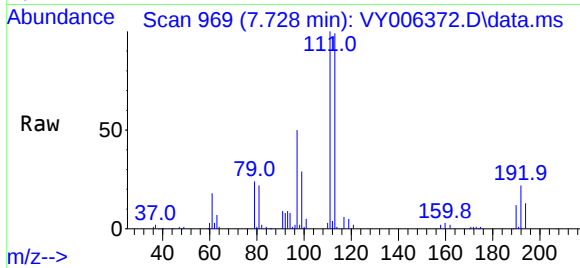
#35  
Dibromofluoromethane  
Concen: 49.949 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 113 Resp: 55895  
Ion Ratio Lower Upper  
113 100  
111 104.0 82.6 124.0  
192 23.3 17.6 26.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

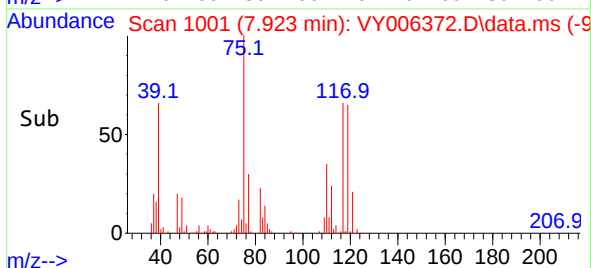
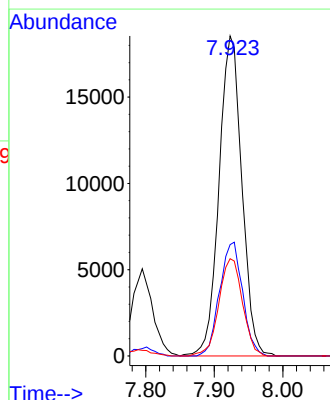
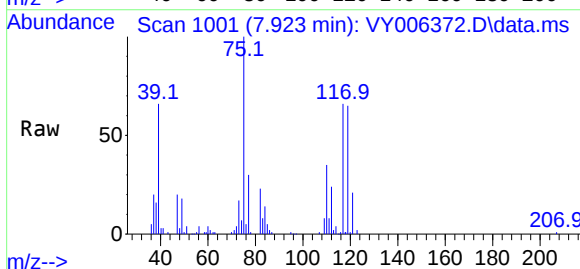
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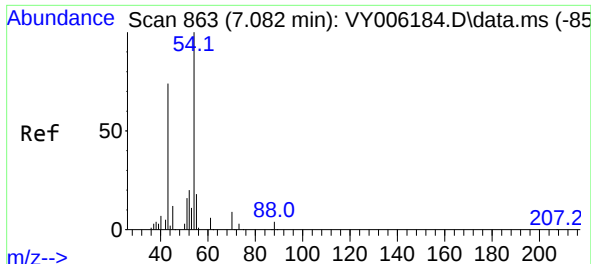
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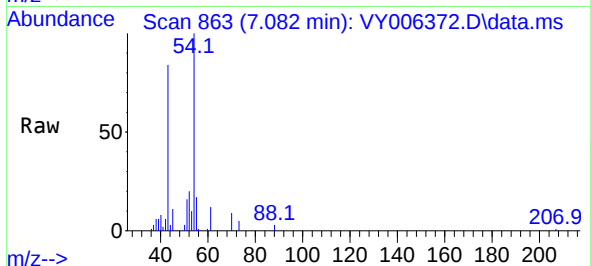
#36  
1,1-Dichloropropene  
Concen: 20.568 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 75 Resp: 42864  
Ion Ratio Lower Upper  
75 100  
110 35.8 17.1 51.2  
77 31.5 24.4 36.6



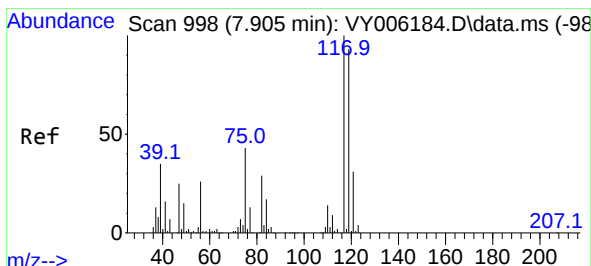
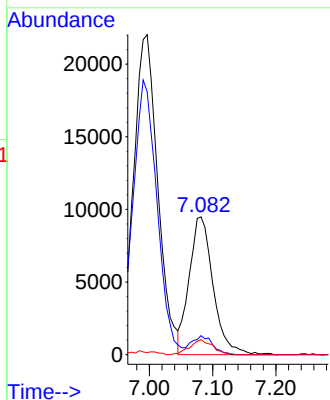
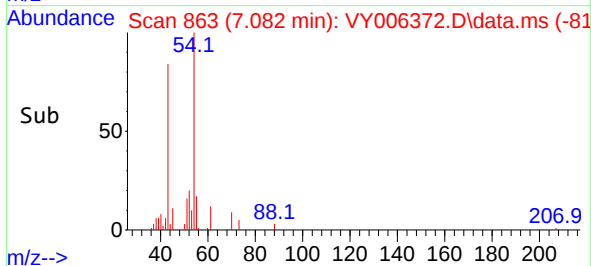


#37  
Ethyl Acetate  
Concen: 20.611 ug/l  
RT: 7.082 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

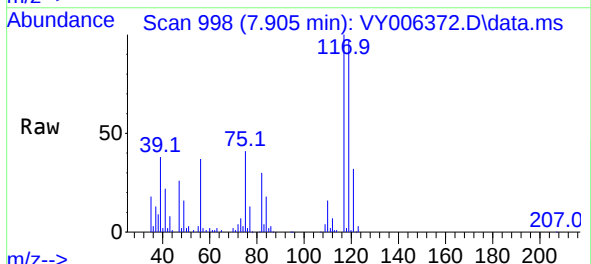


Tgt Ion: 43 Resp: 25023

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 12.4  | 9.7   | 14.5  |
| 70  | 10.3  | 7.1   | 10.7  |

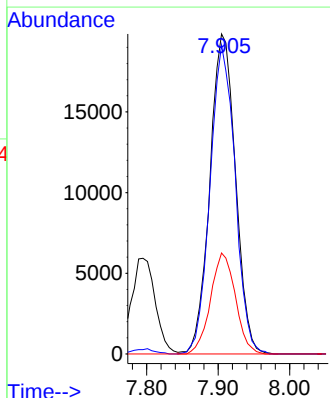
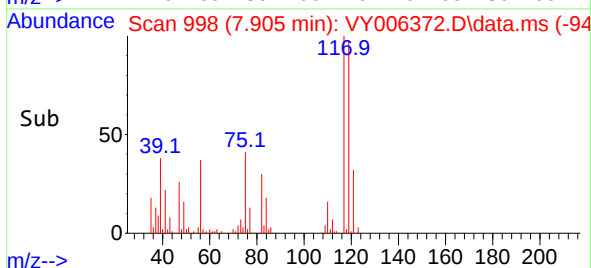


#38  
Carbon Tetrachloride  
Concen: 22.438 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



Tgt Ion: 117 Resp: 49377

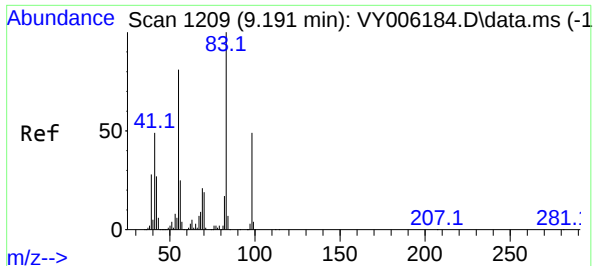
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.6  | 77.9  | 116.9 |
| 121 | 31.6  | 24.8  | 37.2  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

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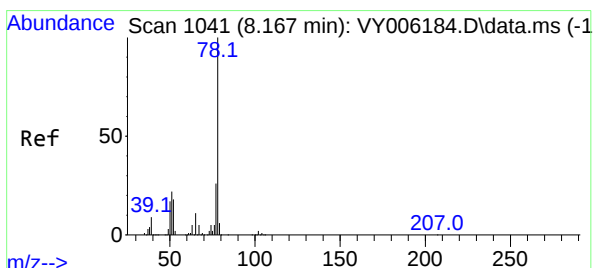
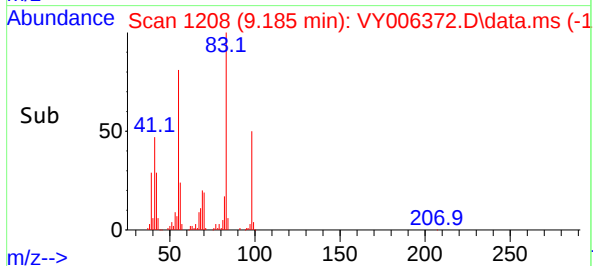
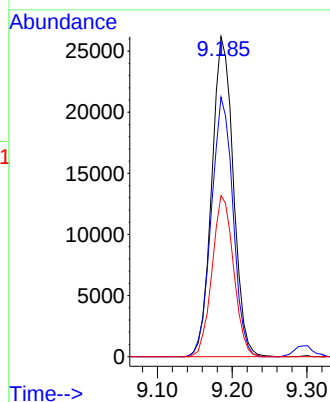
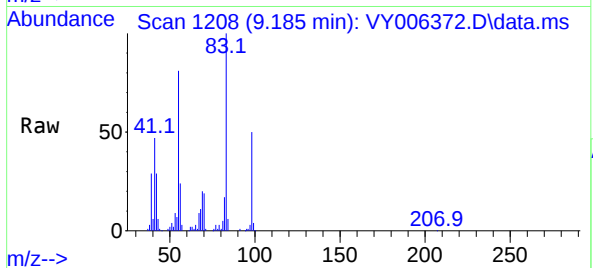
#39  
Methylcyclohexane  
Concen: 20.036 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 83 Resp: 52448  
Ion Ratio Lower Upper  
83 100  
55 81.1 66.5 99.7  
98 50.3 37.9 56.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

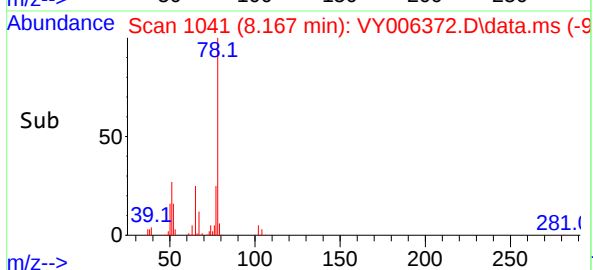
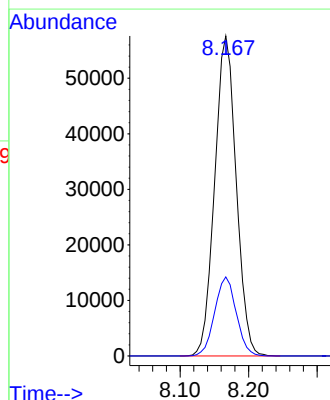
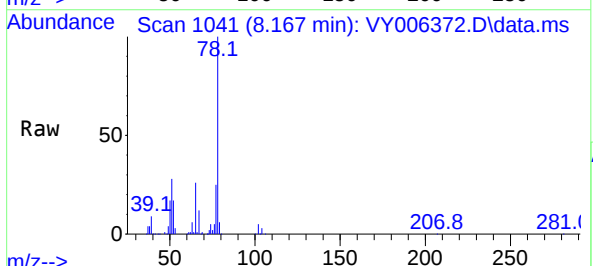
Manual Integrations  
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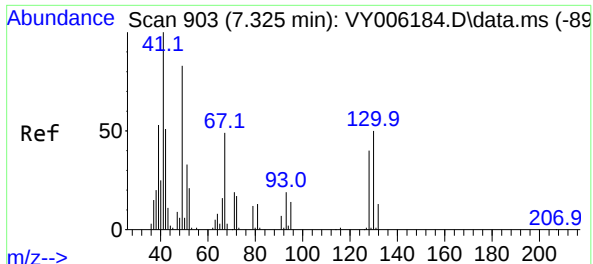
MMDadoda  
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#40  
Benzene  
Concen: 21.209 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

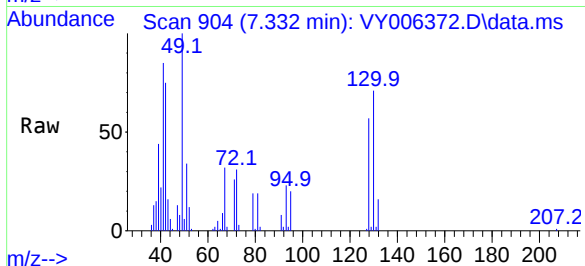
Tgt Ion: 78 Resp: 125400  
Ion Ratio Lower Upper  
78 100  
77 24.7 20.4 30.6





#41  
Methacrylonitrile  
Concen: 19.804 ug/l m  
RT: 7.332 min Scan# 904  
Delta R.T. 0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

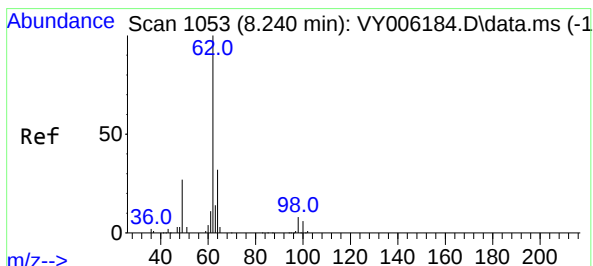
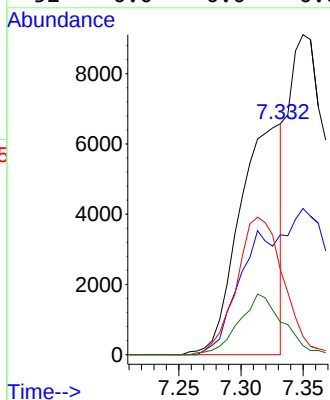
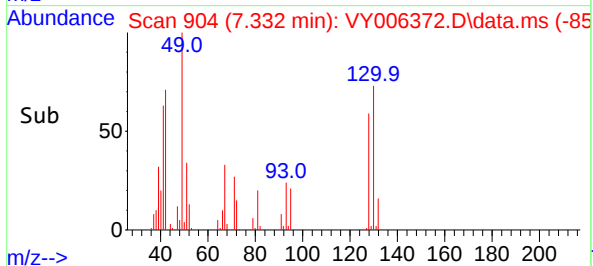
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01



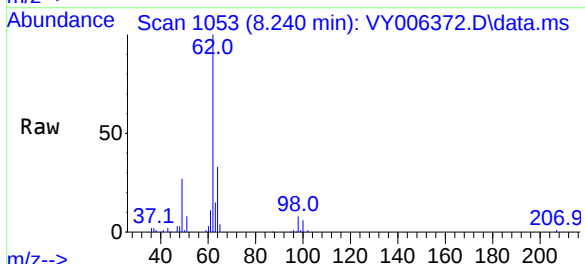
Tgt Ion: 41 Resp: 15596  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

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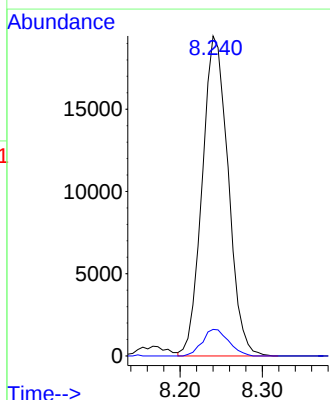
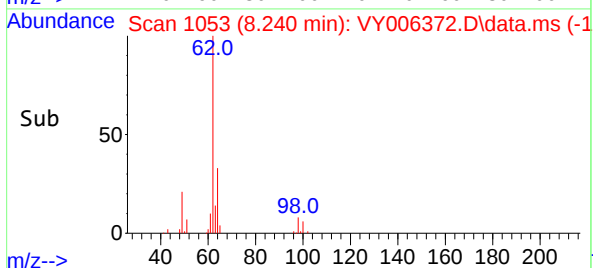
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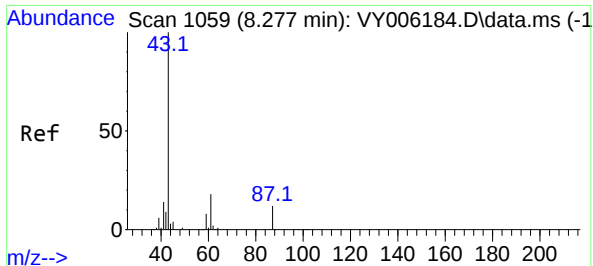


#42  
1,2-Dichloroethane  
Concen: 22.396 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



Tgt Ion: 62 Resp: 42665  
Ion Ratio Lower Upper  
62 100  
98 8.4 0.0 14.8





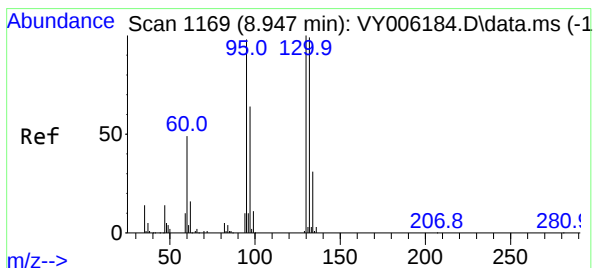
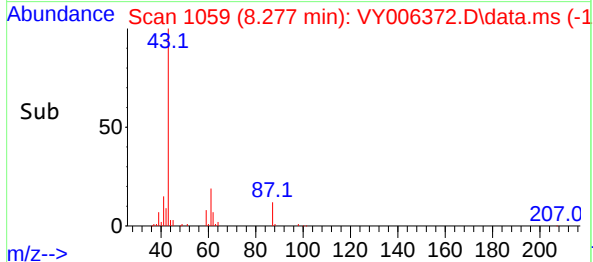
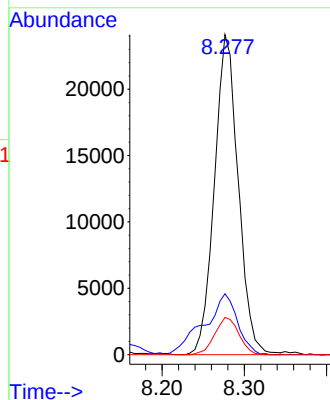
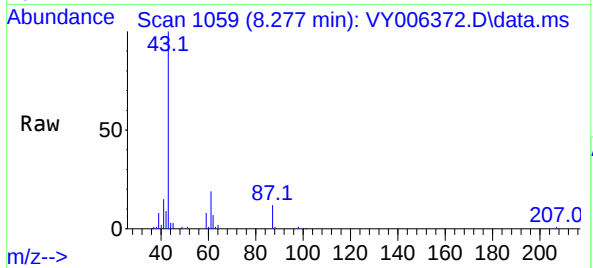
#43  
Isopropyl Acetate  
Concen: 20.834 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 48512 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 26.9  | 20.2  | 30.2  |
| 87       | 11.8  | 8.9   | 13.3  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

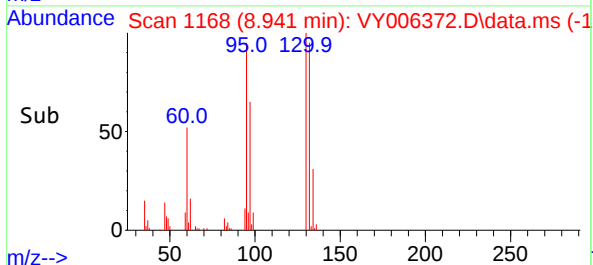
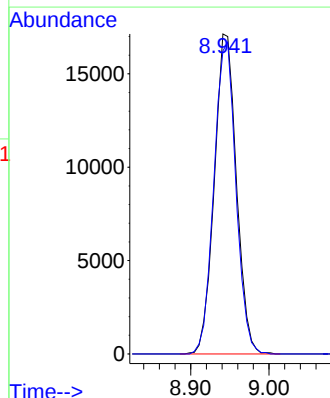
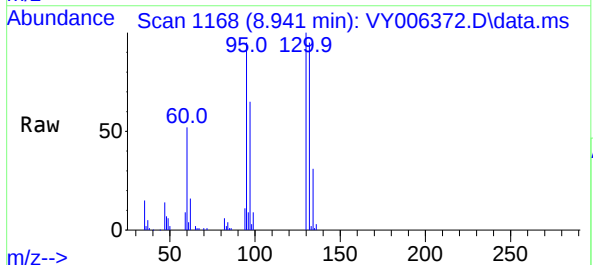
Manual Integrations  
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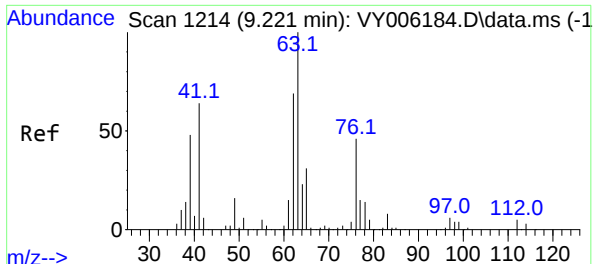
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#44  
Trichloroethene  
Concen: 21.993 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 33583 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 94.7  | 0.0   | 188.2 |





#45

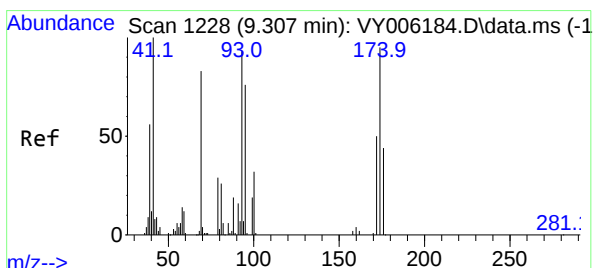
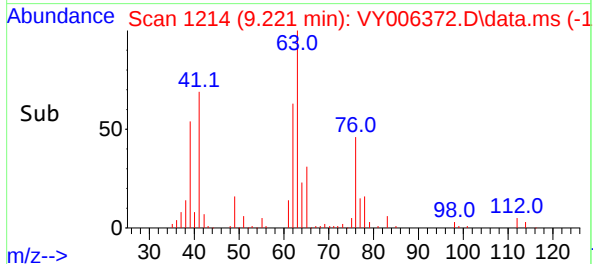
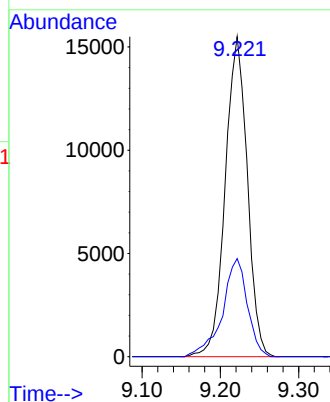
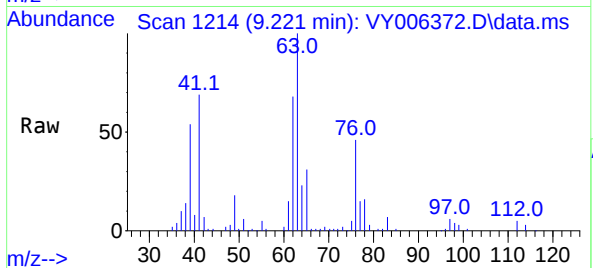
1,2-Dichloropropane  
Concen: 20.842 ug/l  
RT: 9.221 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 63 Resp: 30336  
Ion Ratio Lower Upper  
63 100  
65 30.7 23.0 34.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

Manual Integrations  
APPROVED

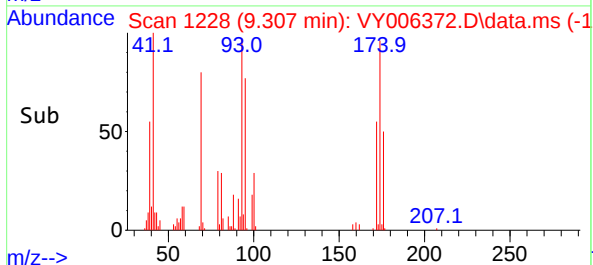
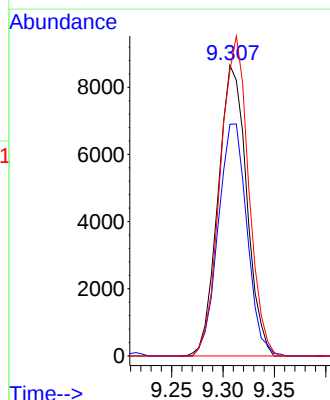
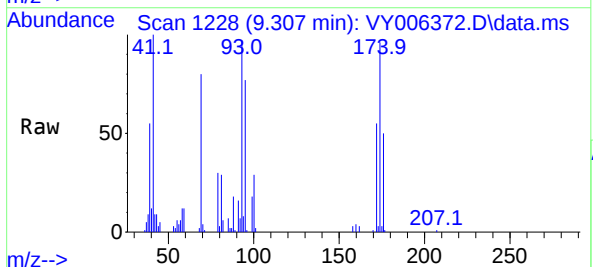
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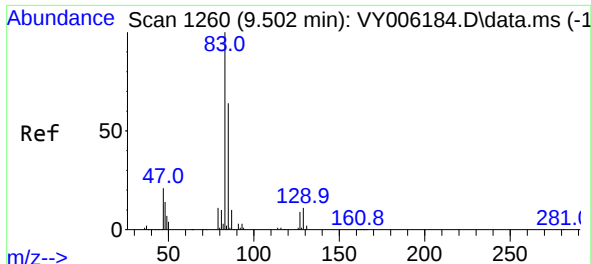


#46

Dibromomethane  
Concen: 21.569 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 93 Resp: 16717  
Ion Ratio Lower Upper  
93 100  
95 80.3 64.3 96.5  
174 108.6 83.4 125.0





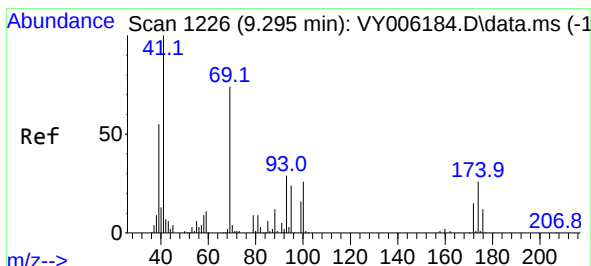
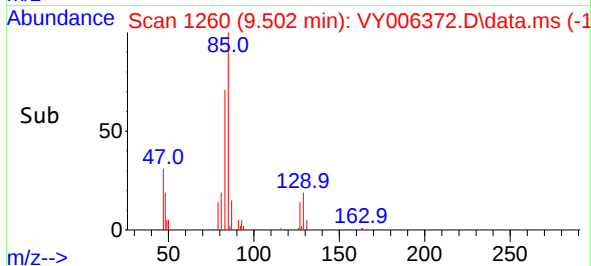
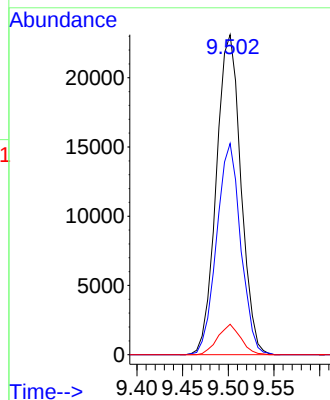
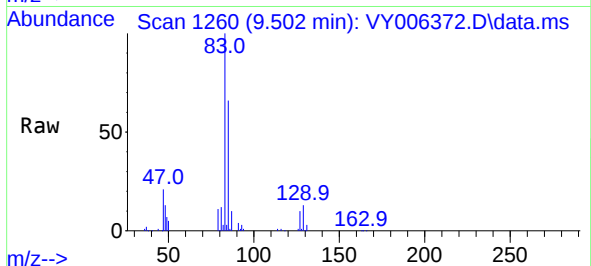
#47  
Bromodichloromethane  
Concen: 21.655 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 43215 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.0  | 51.9  | 77.9  |
| 127      | 9.5   | 6.6   | 10.0  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

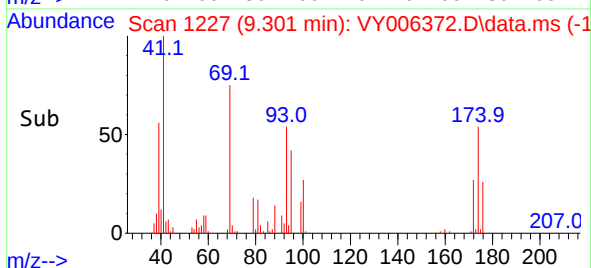
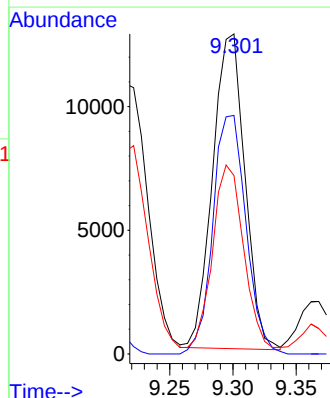
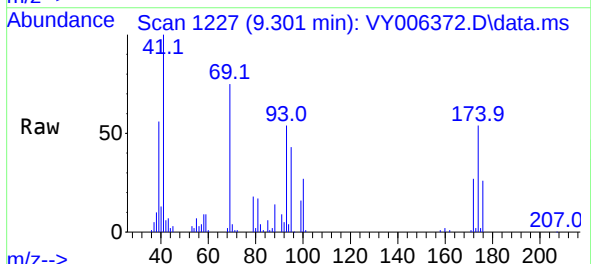
Manual Integrations  
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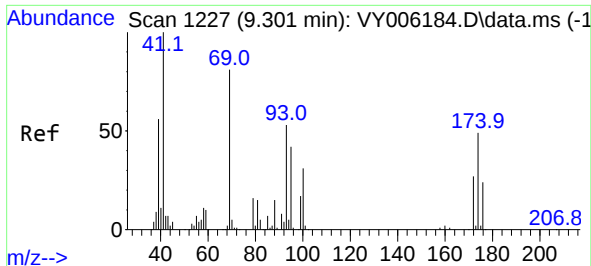
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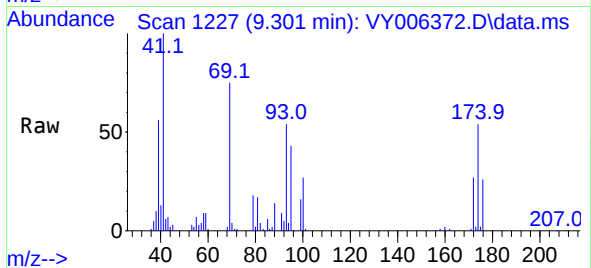
#48  
Methyl methacrylate  
Concen: 20.194 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 22558 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 77.9  | 58.2  | 87.2  |
| 39       | 60.4  | 47.4  | 71.0  |

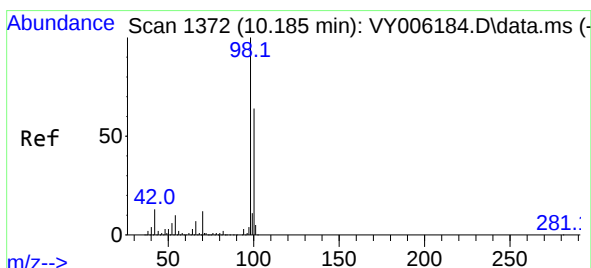
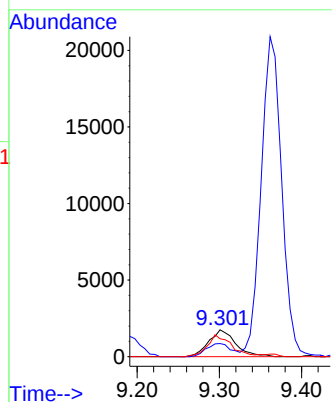
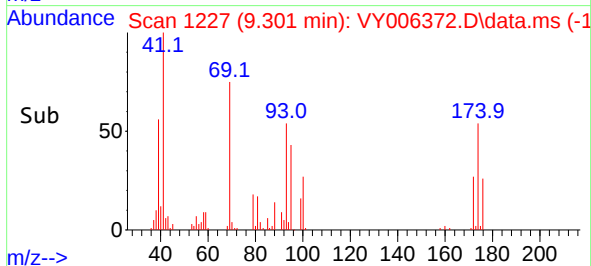




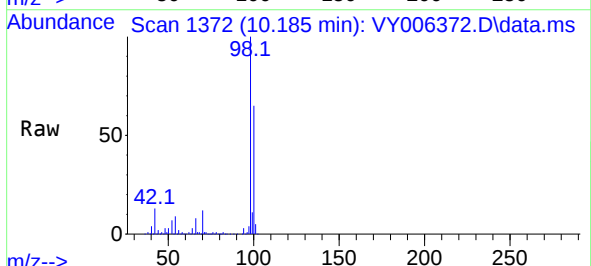
#49  
1,4-Dioxane  
Concen: 393.987 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



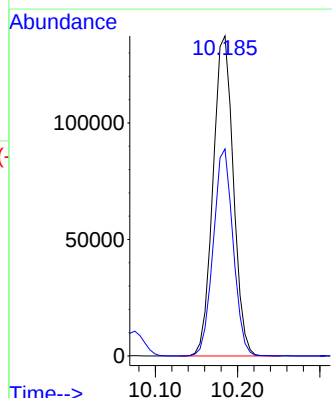
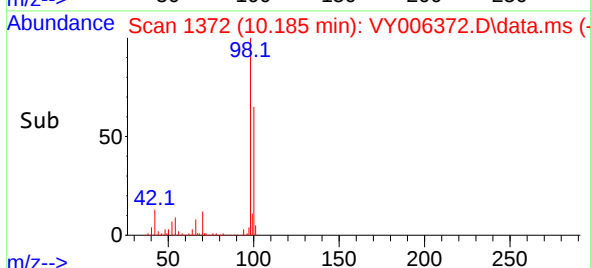
Tgt Ion: 88 Resp: 3984  
Ion Ratio Lower Upper  
88 100  
43 45.9 32.8 49.2  
58 72.3 59.8 89.6



#50  
Toluene-d8  
Concen: 50.429 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



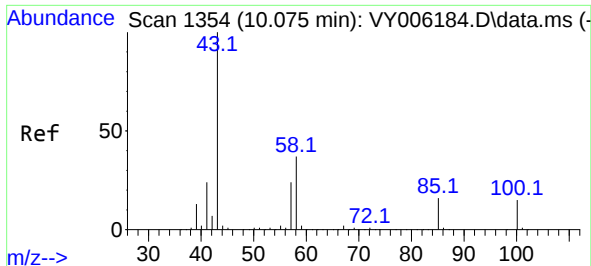
Tgt Ion: 98 Resp: 236182  
Ion Ratio Lower Upper  
98 100  
100 63.1 50.2 75.2



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

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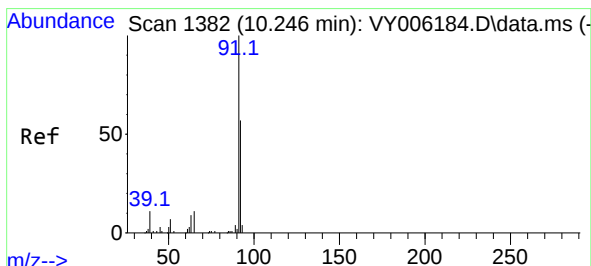
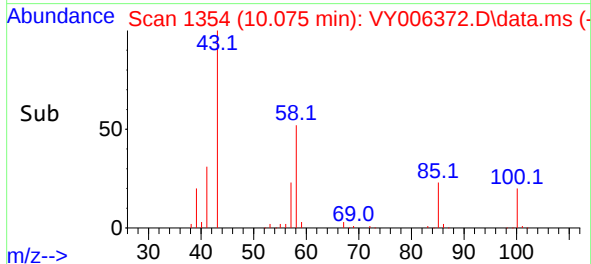
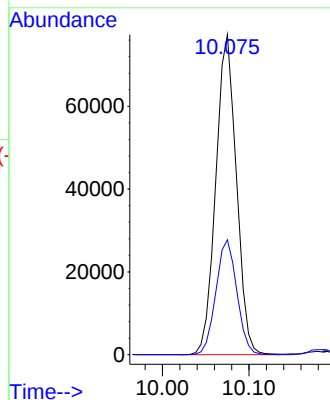
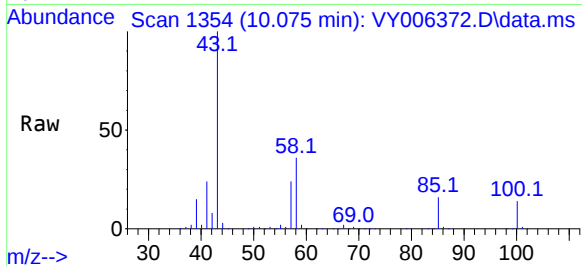
#51  
4-Methyl-2-Pentanone  
Concen: 105.551 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 43 Resp: 127614  
Ion Ratio Lower Upper  
43 100  
58 36.5 28.1 42.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

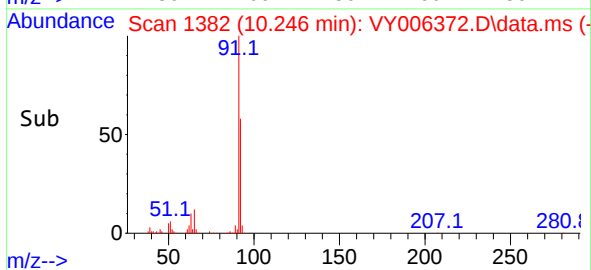
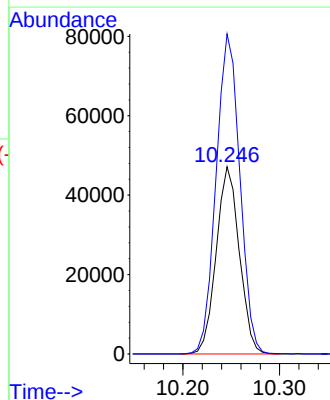
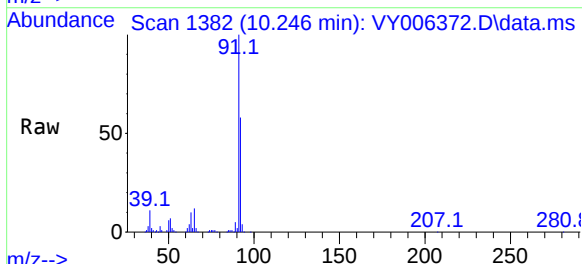
Manual Integrations  
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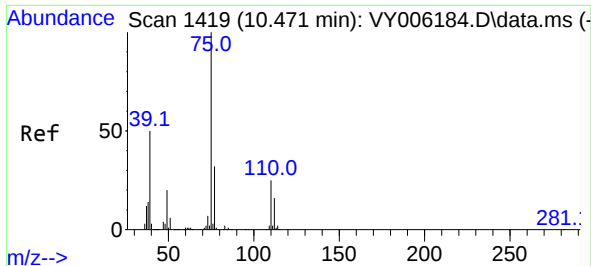
MMDadoda  
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#52  
Toluene  
Concen: 21.272 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 92 Resp: 78011  
Ion Ratio Lower Upper  
92 100  
91 176.1 142.6 213.8





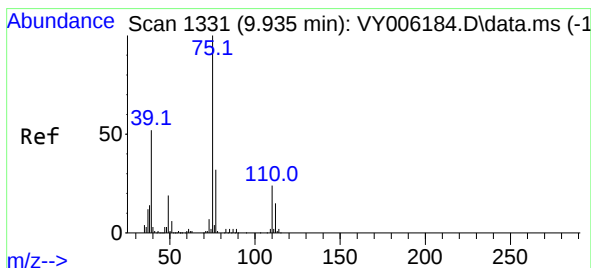
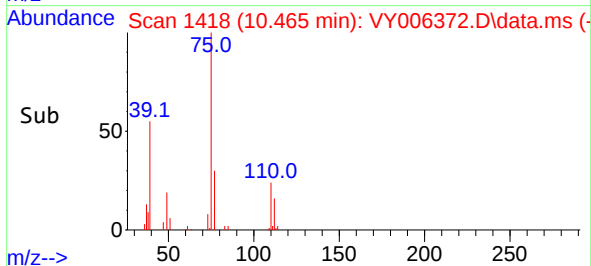
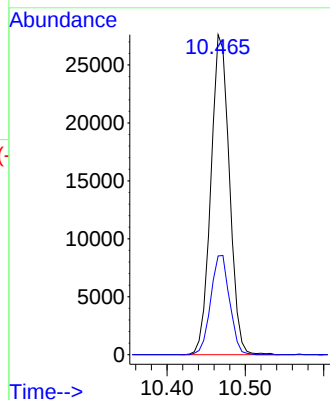
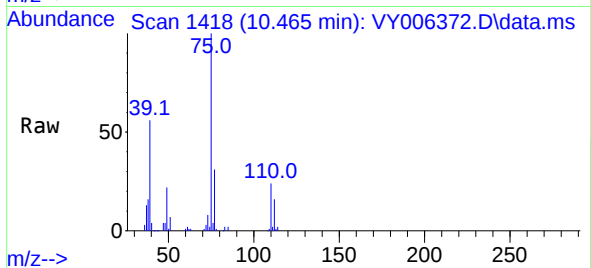
#53  
t-1,3-Dichloropropene  
Concen: 20.844 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 75 Resp: 45354  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.4 38.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

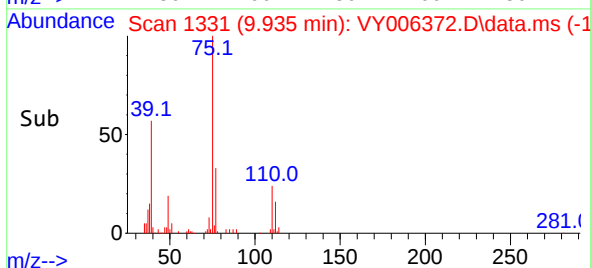
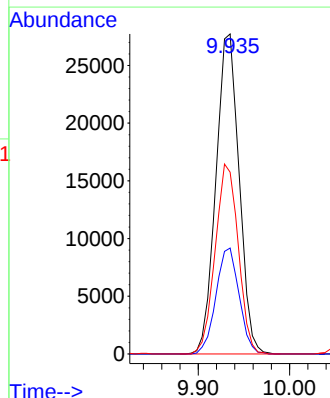
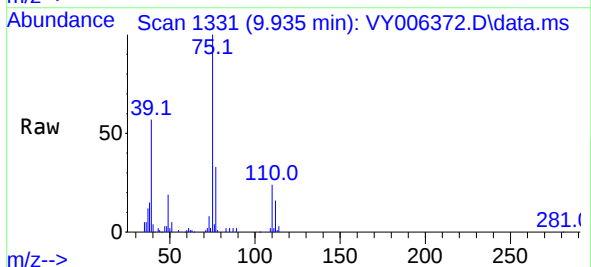
Manual Integrations  
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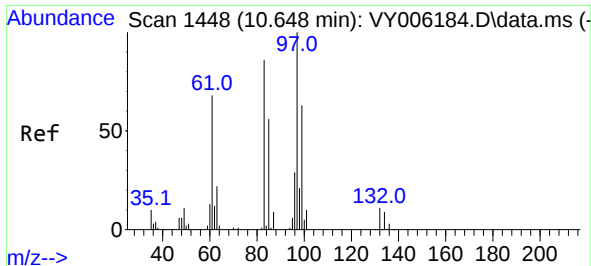
MMDadoda  
10/15/2021 6:22:30 PM



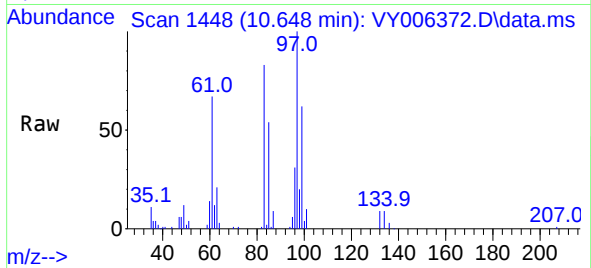
#54  
cis-1,3-Dichloropropene  
Concen: 20.469 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 75 Resp: 48963  
Ion Ratio Lower Upper  
75 100  
77 33.1 25.6 38.4  
39 56.8 47.6 71.4



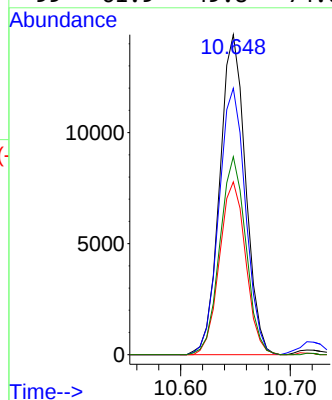


#55  
1,1,2-Trichloroethane  
Concen: 21.670 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



Tgt Ion: 97 Resp: 23632

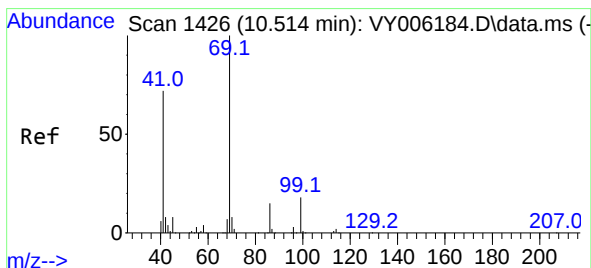
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.3  | 69.8  | 104.8 |
| 85  | 54.0  | 44.3  | 66.5  |
| 99  | 61.9  | 49.8  | 74.6  |



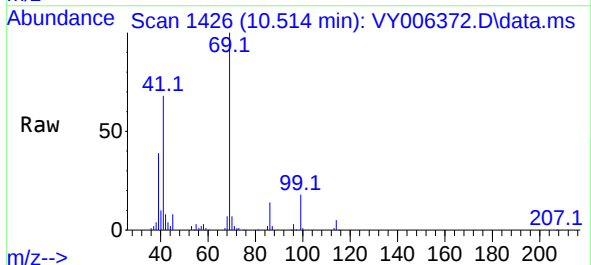
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

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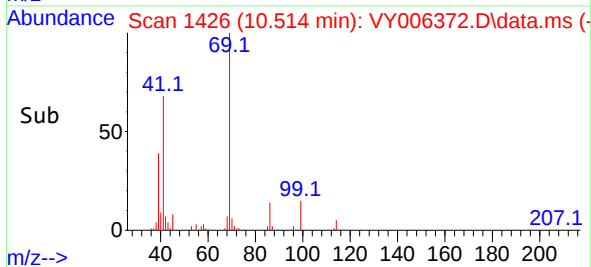
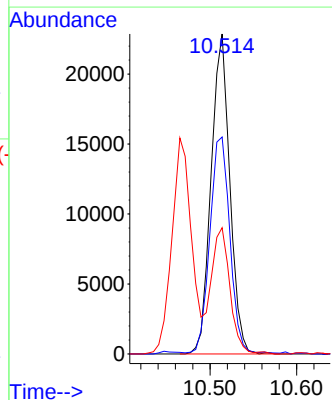


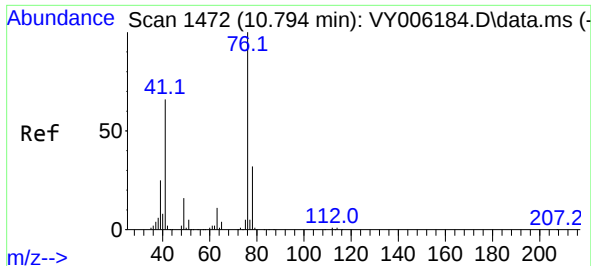
#56  
Ethyl methacrylate  
Concen: 20.691 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



Tgt Ion: 69 Resp: 34297

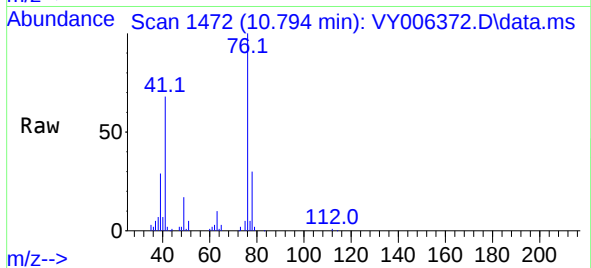
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.9  | 63.4  | 95.0  |
| 39  | 40.3  | 35.8  | 53.8  |





#57  
1,3-Dichloropropane  
Concen: 21.118 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

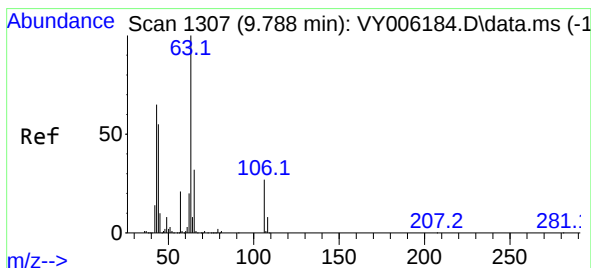
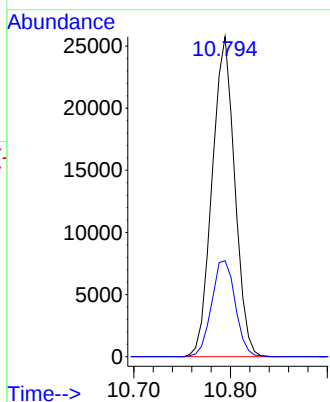
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01



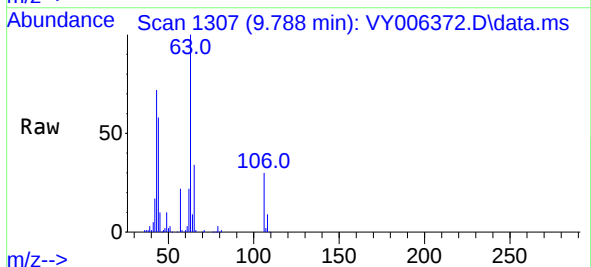
Tgt Ion: 76 Resp: 41674  
Ion Ratio Lower Upper  
76 100  
78 31.5 25.0 37.6

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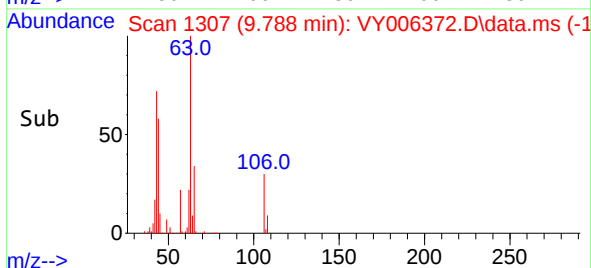
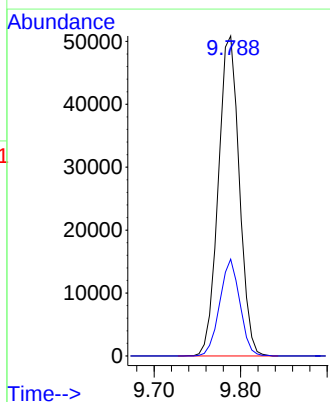
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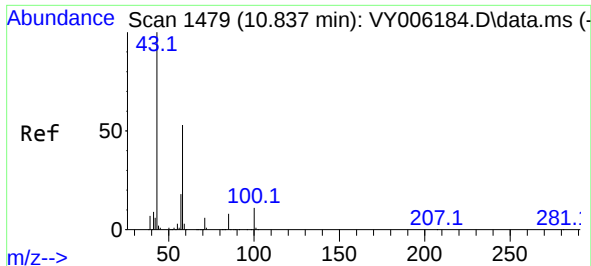


#58  
2-Chloroethyl Vinyl ether  
Concen: 105.337 ug/l  
RT: 9.788 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



Tgt Ion: 63 Resp: 85553  
Ion Ratio Lower Upper  
63 100  
106 29.0 21.5 32.3





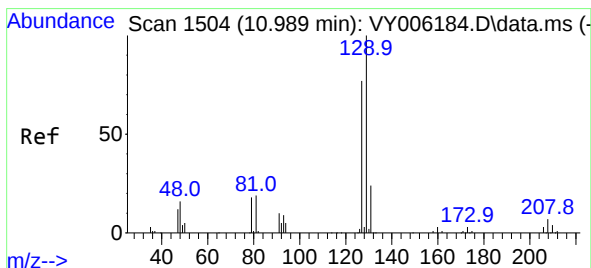
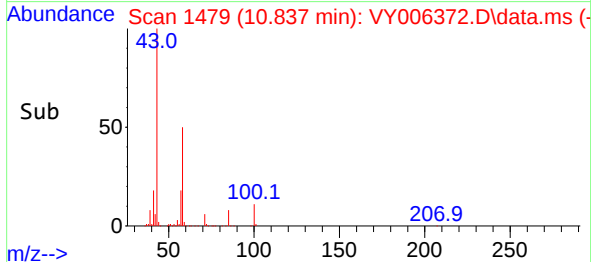
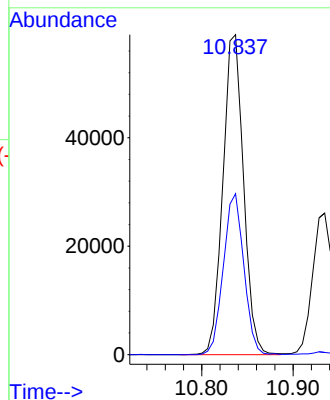
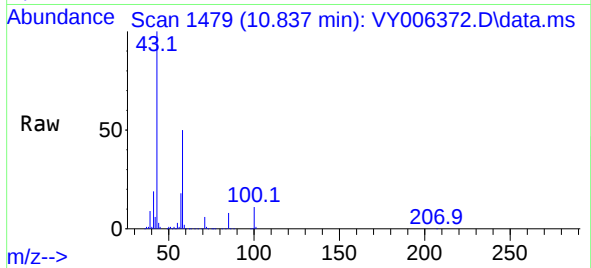
#59  
2-Hexanone  
Concen: 107.574 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 43 Resp: 92633  
Ion Ratio Lower Upper  
43 100  
58 49.9 24.4 73.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

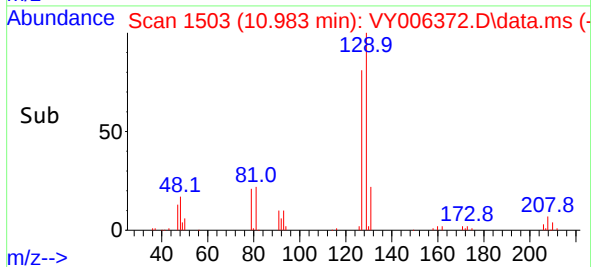
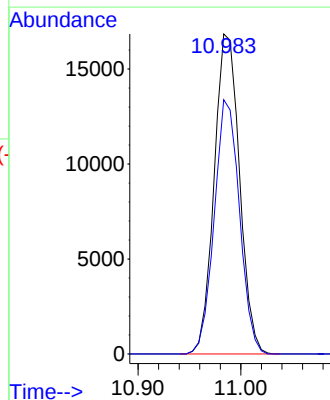
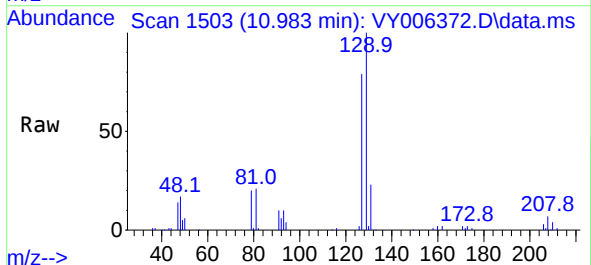
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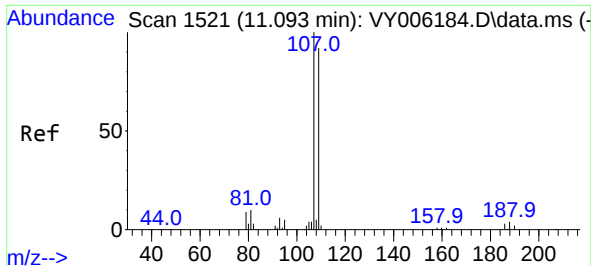
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#60  
Dibromochloromethane  
Concen: 21.771 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

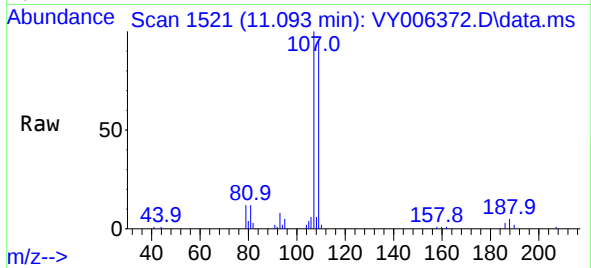
Tgt Ion: 129 Resp: 28846  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.7 116.1





#61  
1,2-Dibromoethane  
Concen: 21.087 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

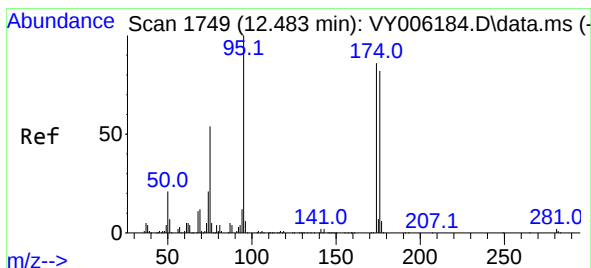
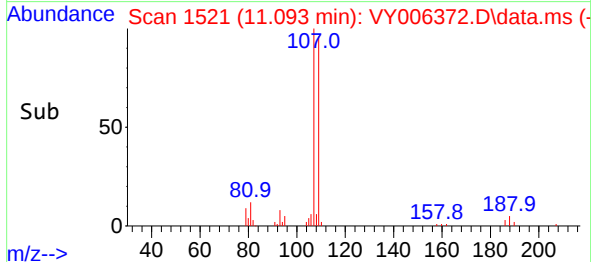
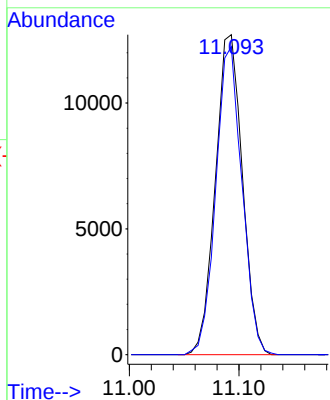
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01



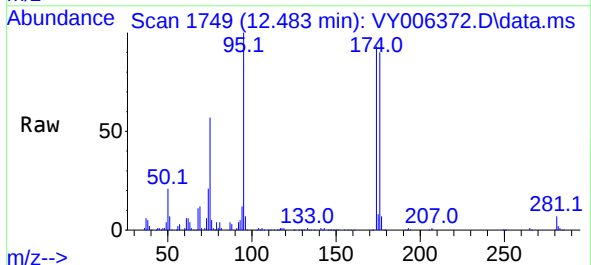
Tgt Ion:107 Resp: 21774  
Ion Ratio Lower Upper  
107 100  
109 93.3 75.4 113.2

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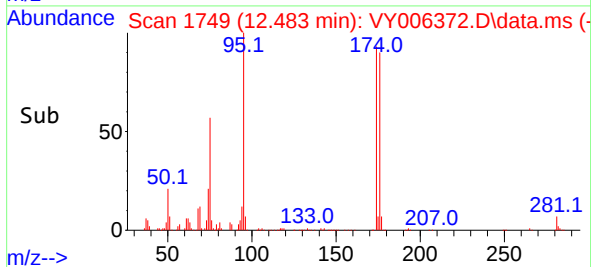
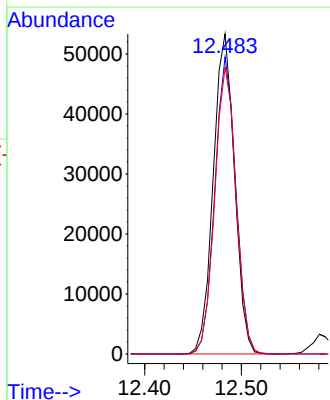
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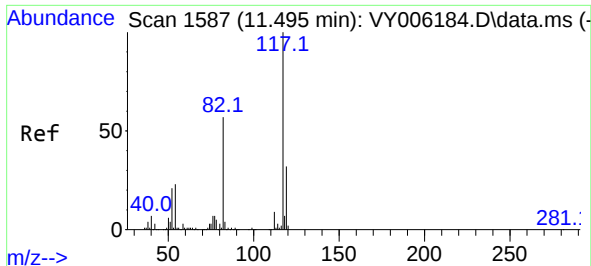


#62  
4-Bromofluorobenzene  
Concen: 51.189 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



Tgt Ion: 95 Resp: 81443  
Ion Ratio Lower Upper  
95 100  
174 91.7 0.0 177.0  
176 89.7 0.0 175.8





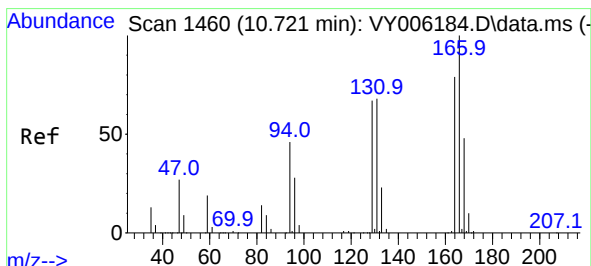
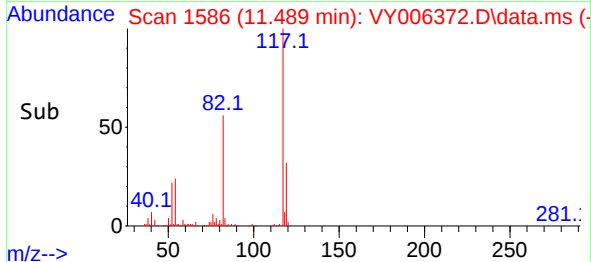
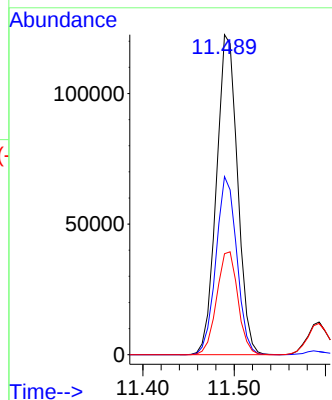
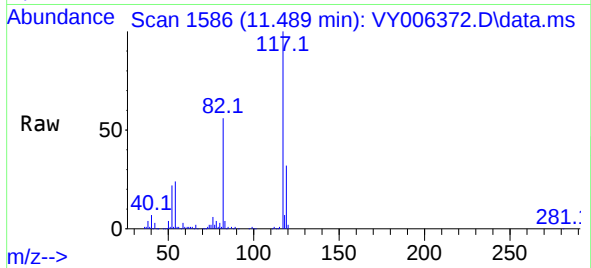
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

Tgt Ion:117 Resp: 196514  
Ion Ratio Lower Upper  
117 100  
82 55.7 43.0 64.4  
119 31.5 25.4 38.0

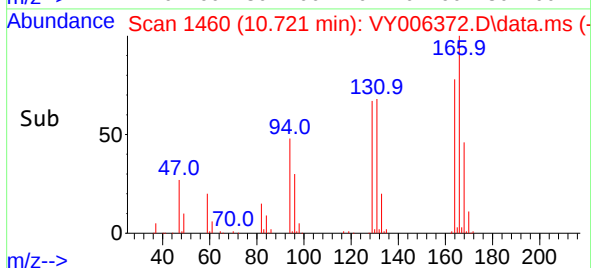
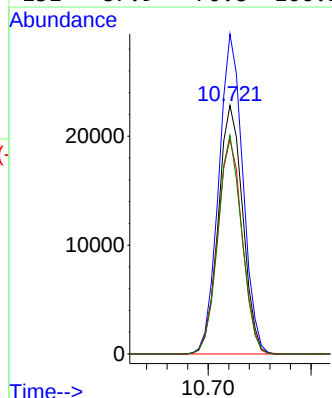
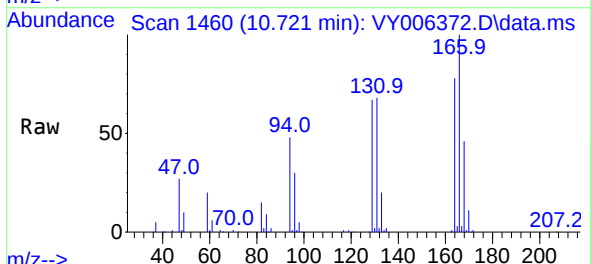
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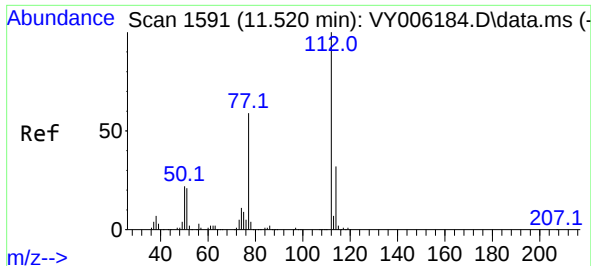
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#64  
Tetrachloroethene  
Concen: 23.854 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

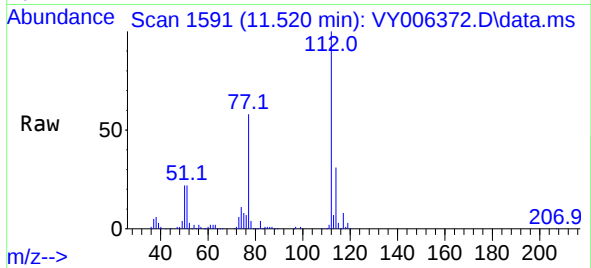
Tgt Ion:164 Resp: 37753  
Ion Ratio Lower Upper  
164 100  
166 128.8 100.4 150.6  
129 86.3 71.4 107.0  
131 87.9 70.8 106.2





#65  
Chlorobenzene  
Concen: 21.344 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

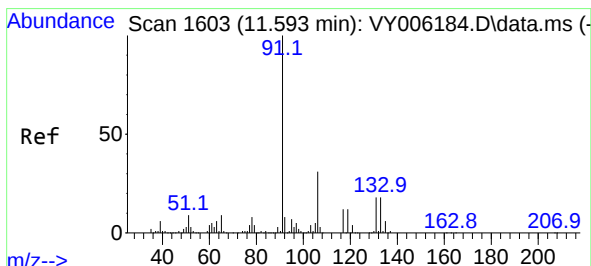
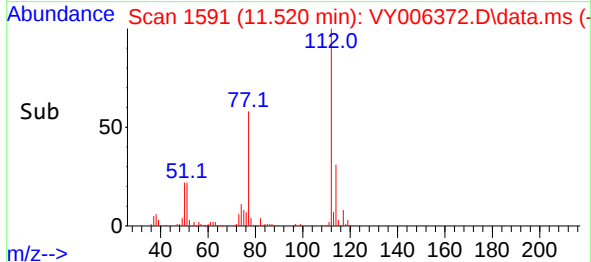
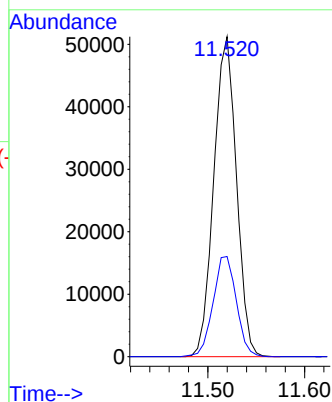
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01



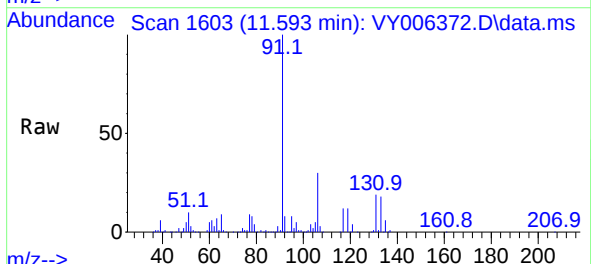
Tgt Ion:112 Resp: 83107  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.8 38.6

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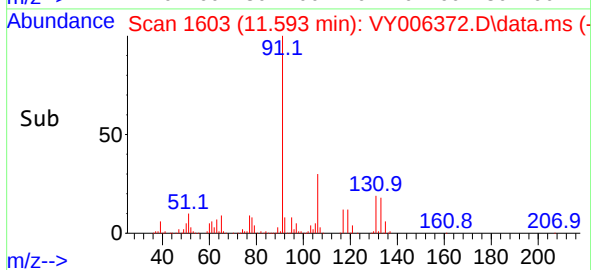
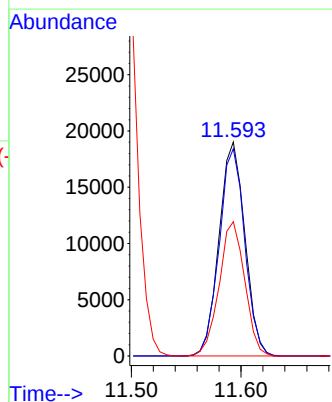
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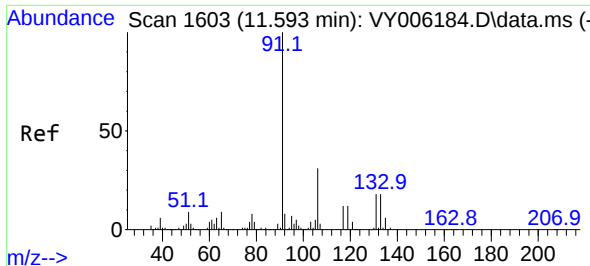


#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.665 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

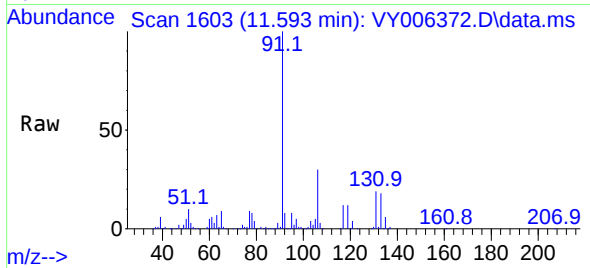


Tgt Ion:131 Resp: 31087  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.9 143.6  
119 62.3 30.8 92.3

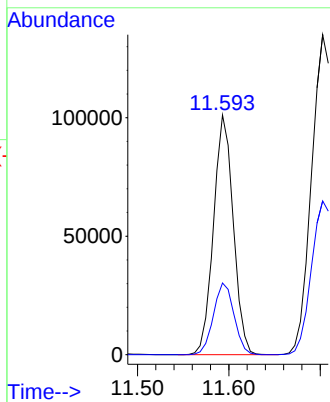
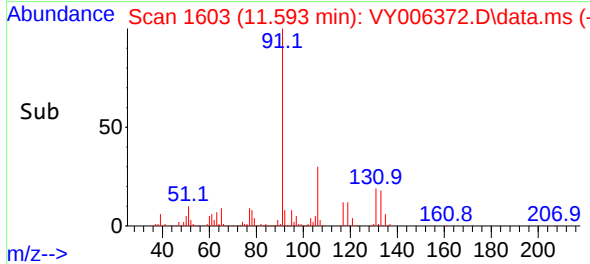




#67  
Ethyl Benzene  
Concen: 20.689 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



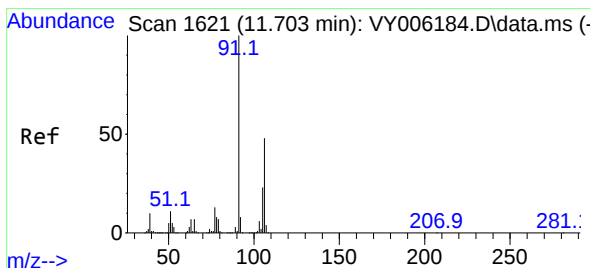
Tgt Ion: 91 Resp: 151846  
Ion Ratio Lower Upper  
91 100  
106 29.9 24.5 36.7



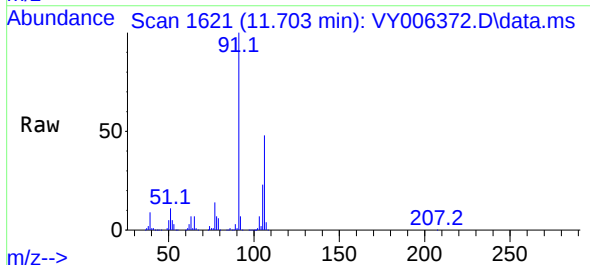
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MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

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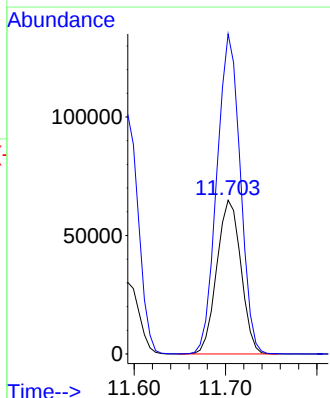
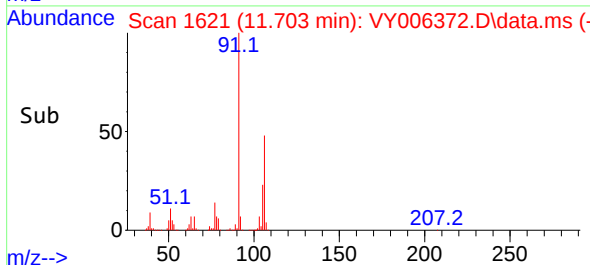
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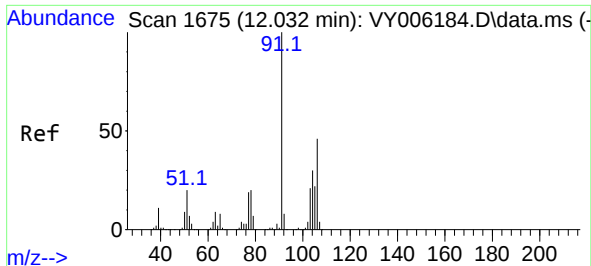


#68  
m/p-Xylenes  
Concen: 42.721 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



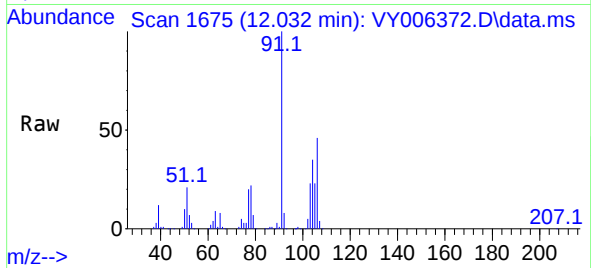
Tgt Ion: 106 Resp: 118983  
Ion Ratio Lower Upper  
106 100  
91 202.4 166.6 249.8





#69  
o-Xylene  
Concen: 20.888 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

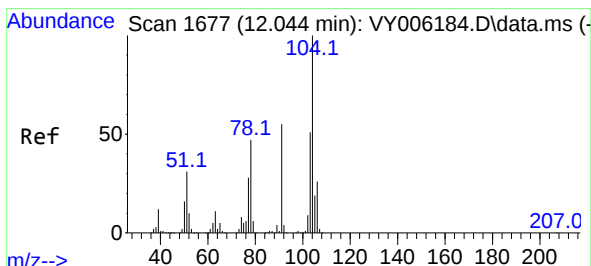
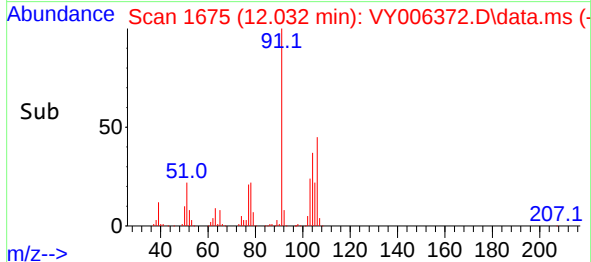
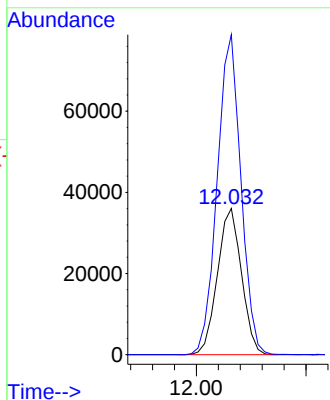
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01



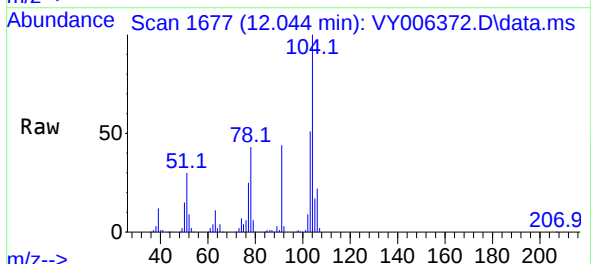
Tgt Ion:106 Resp: 54944  
Ion Ratio Lower Upper  
106 100  
91 216.1 110.3 331.0

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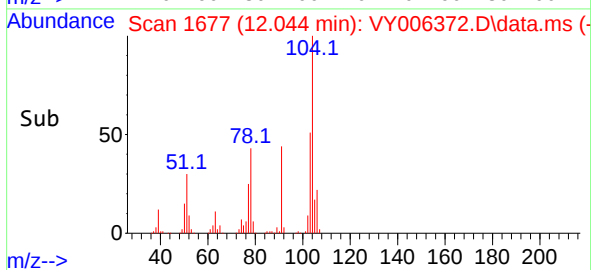
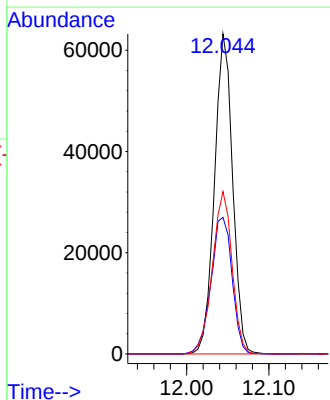
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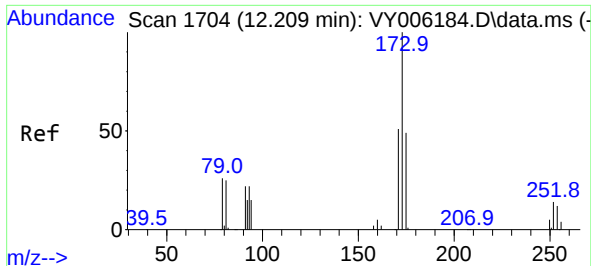


#70  
Styrene  
Concen: 21.763 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



Tgt Ion:104 Resp: 97215  
Ion Ratio Lower Upper  
104 100  
78 49.5 42.4 63.6  
103 54.9 44.4 66.6





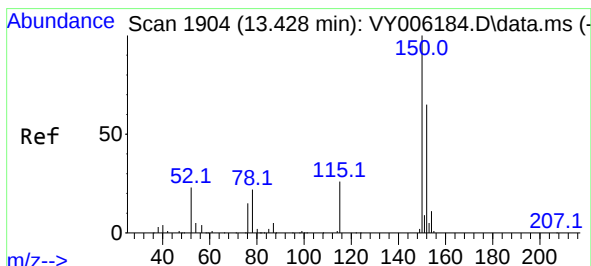
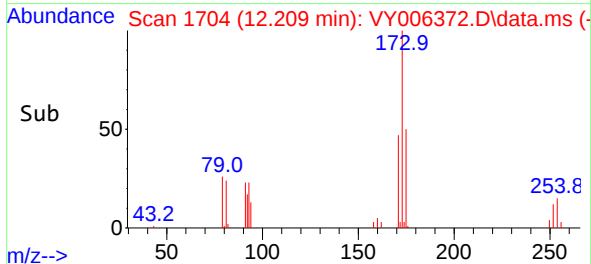
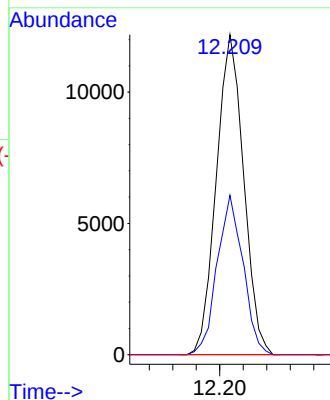
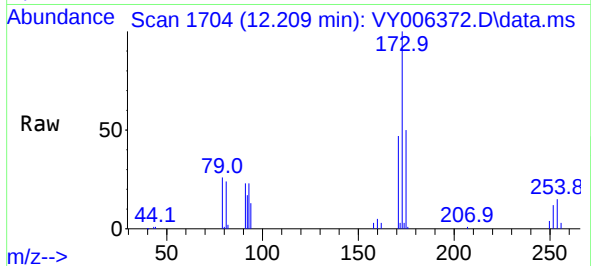
#71  
Bromoform  
Concen: 22.059 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 19684 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.3  | 24.6  | 74.0  |
| 254       | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

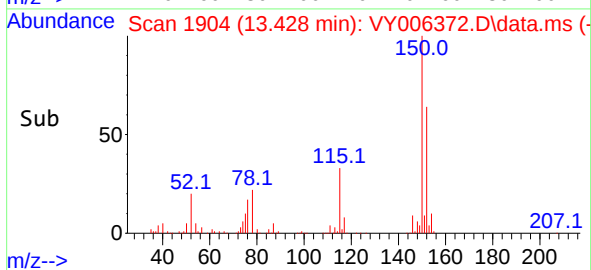
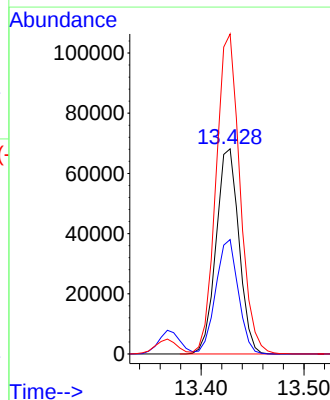
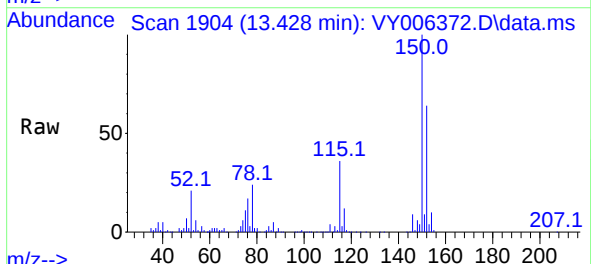
Manual Integrations  
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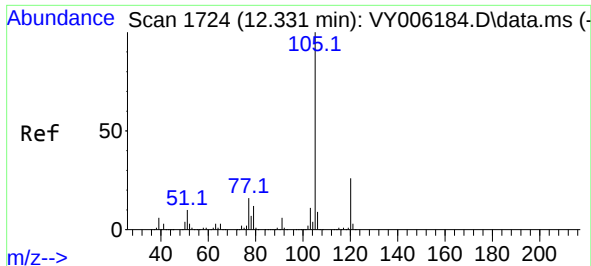
MMDadoda  
10/15/2021 6:22:30 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 105286 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 55.2  | 28.2  | 84.7   |
| 150       | 162.7 | 0.0   | 347.6  |





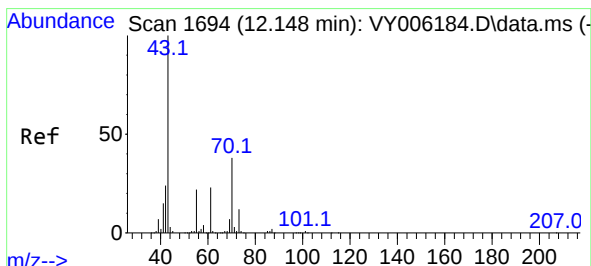
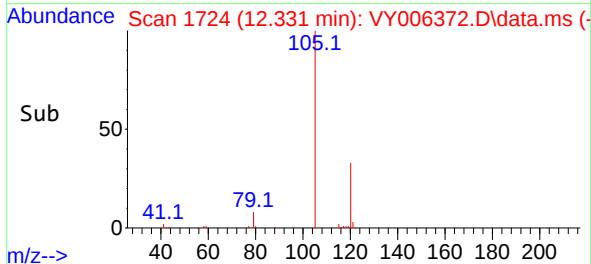
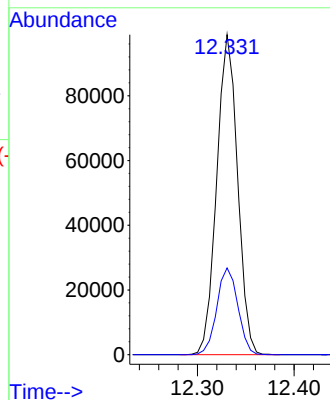
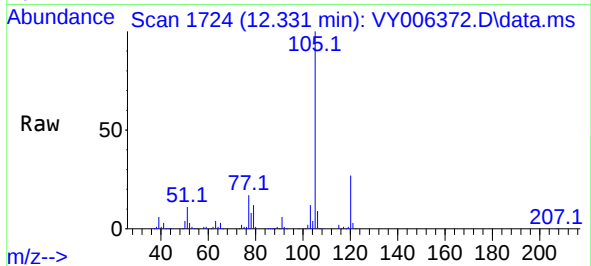
#73  
Isopropylbenzene  
Concen: 19.601 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 105 Resp: 147823  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.4 40.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

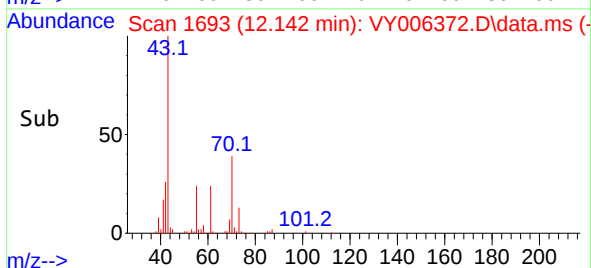
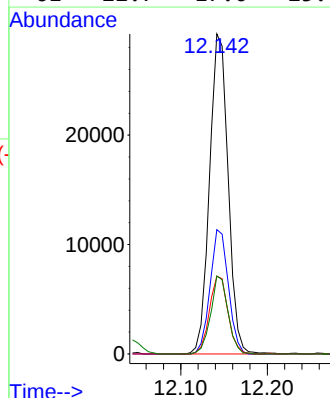
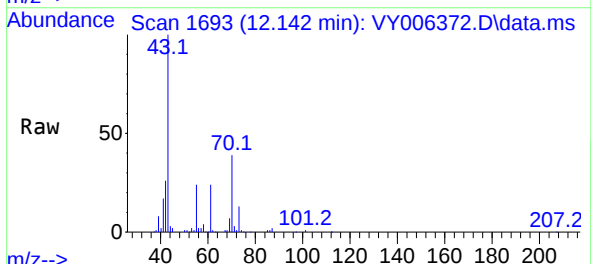
Manual Integrations  
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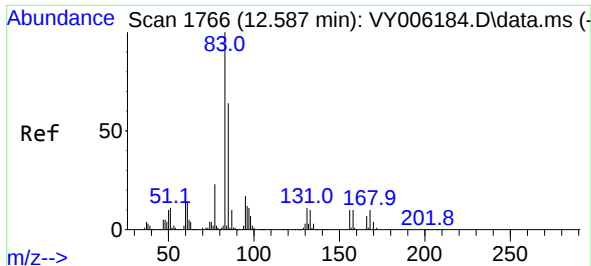
MMDadoda  
10/15/2021 6:22:30 PM



#74  
N-ethyl acetate  
Concen: 18.615 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 43 Resp: 43574  
Ion Ratio Lower Upper  
43 100  
70 38.2 28.7 43.1  
55 24.2 17.3 25.9  
61 22.7 17.0 25.6





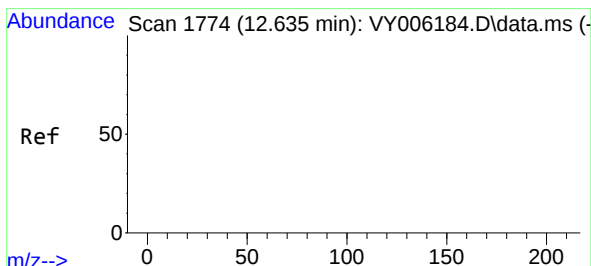
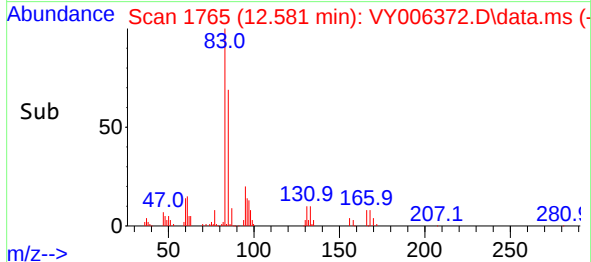
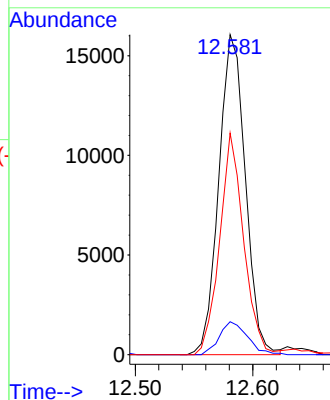
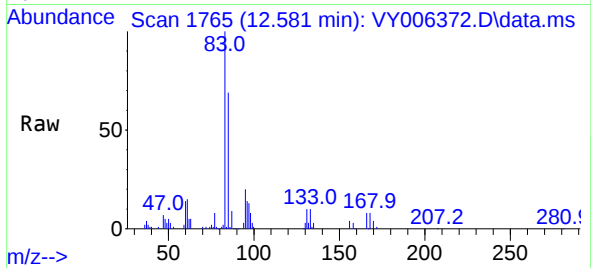
#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.540 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 83 Resp: 25252  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.6 16.8  
85 62.3 32.3 96.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

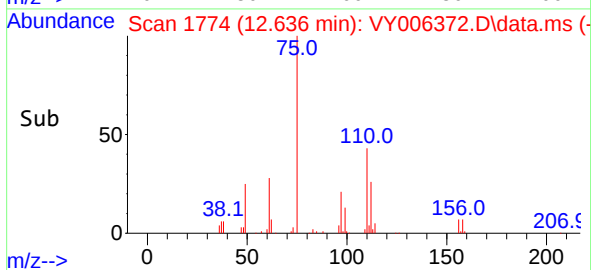
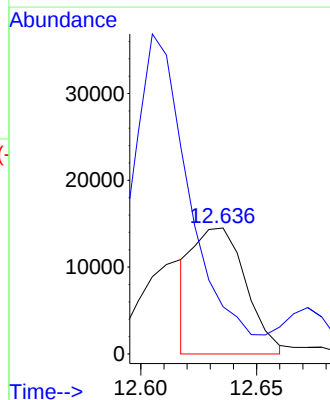
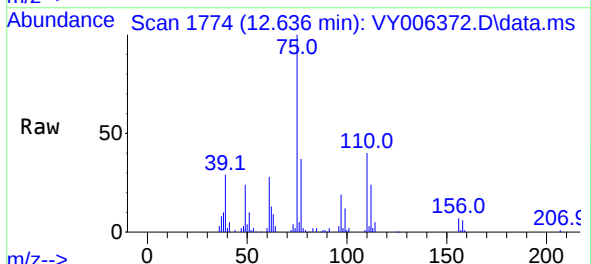
Manual Integrations  
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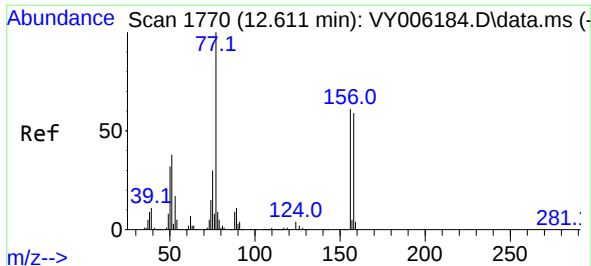
MMDadoda  
10/15/2021 6:22:30 PM



#76  
1,2,3-Trichloropropane  
Concen: 22.420 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 75 Resp: 22943  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77  
Bromobenzene  
Concen: 20.239 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

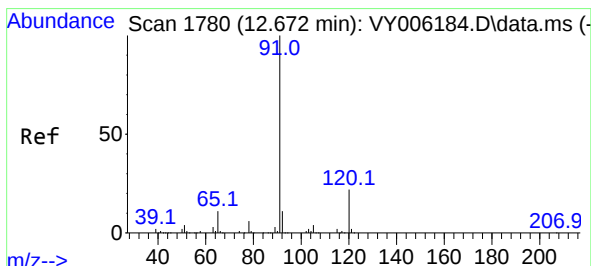
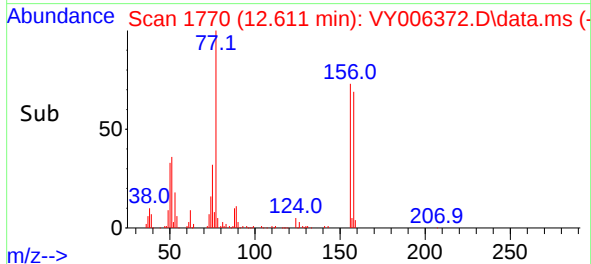
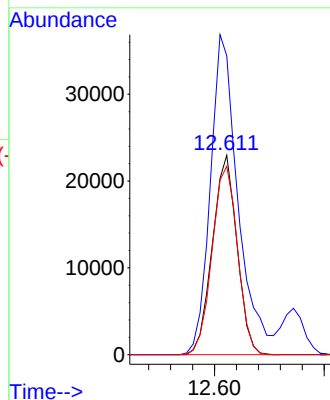
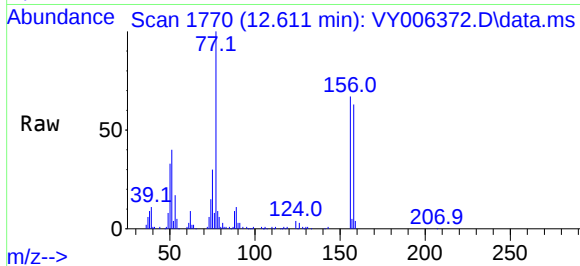
Tgt Ion: 156 Resp: 35787  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 181.0 | 95.5  | 286.4 |
| 158 | 97.6  | 48.0  | 144.0 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

Manual Integrations  
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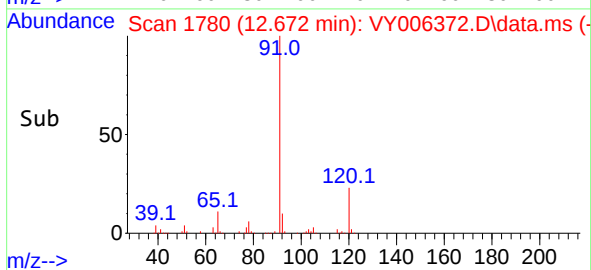
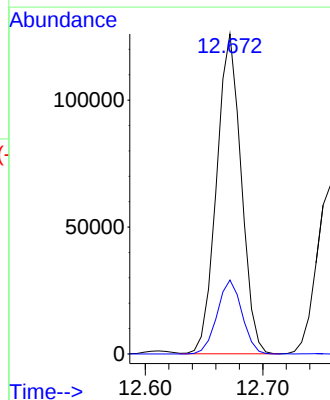
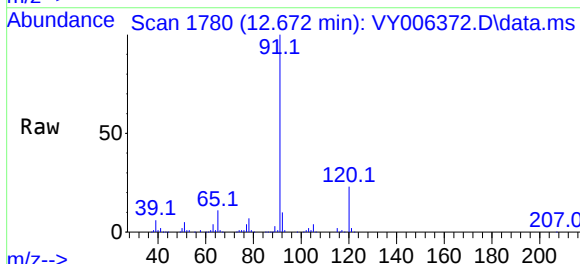
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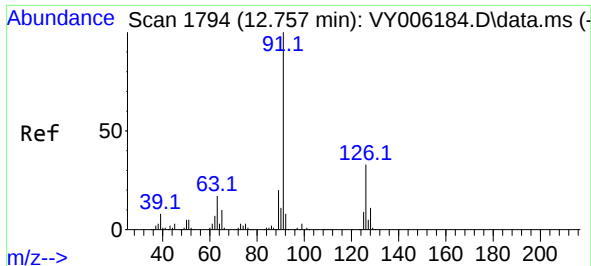


#78  
n-propylbenzene  
Concen: 19.747 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 91 Resp: 183319  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 23.2  | 11.3  | 33.9  |





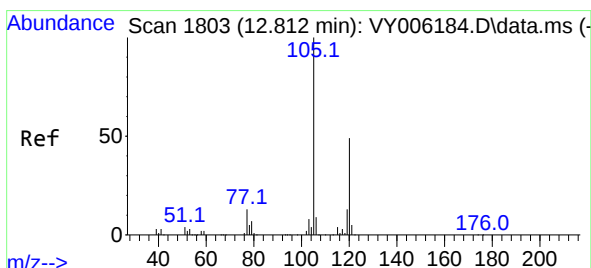
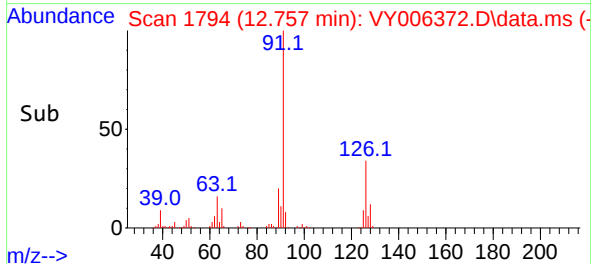
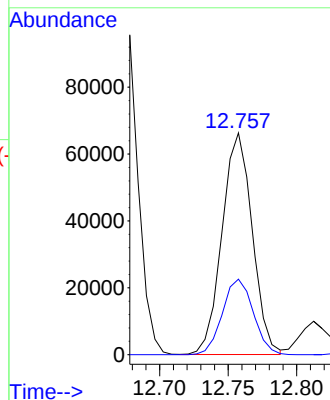
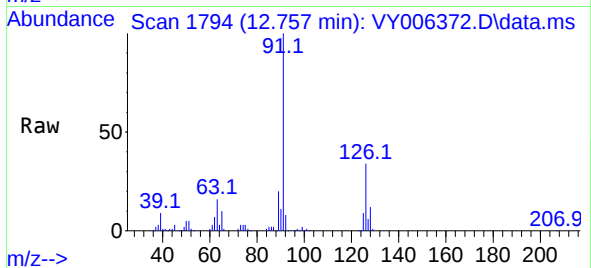
#79  
2-Chlorotoluene  
Concen: 19.807 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

Tgt Ion: 91 Resp: 101752  
Ion Ratio Lower Upper  
91 100  
126 34.8 16.9 50.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

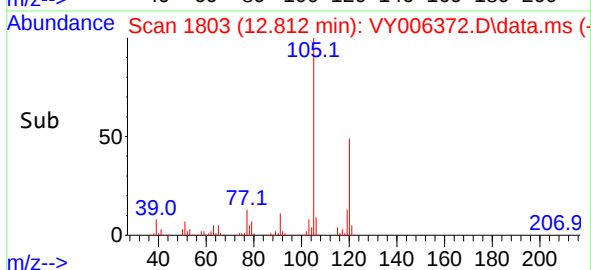
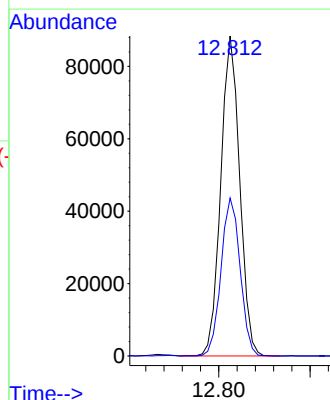
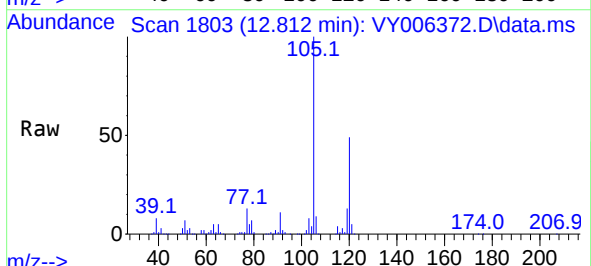
Manual Integrations  
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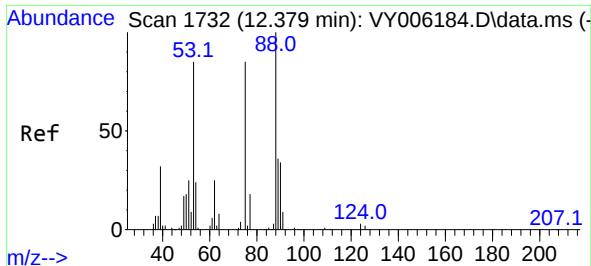
MMDadoda  
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#80  
1,3,5-Trimethylbenzene  
Concen: 20.208 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

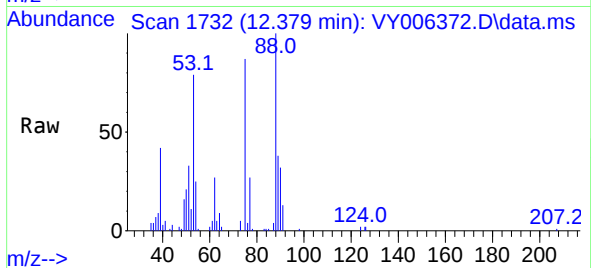
Tgt Ion:105 Resp: 127435  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.4 73.4





#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.768 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

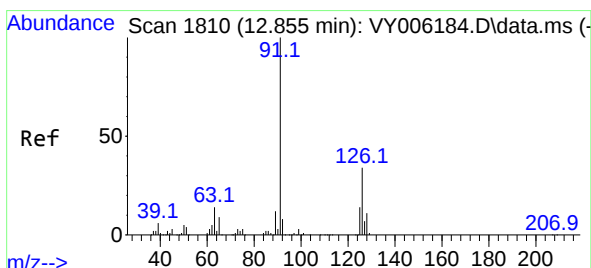
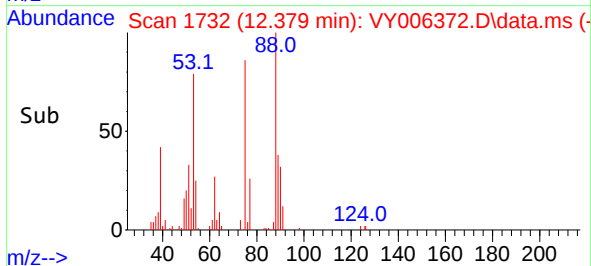
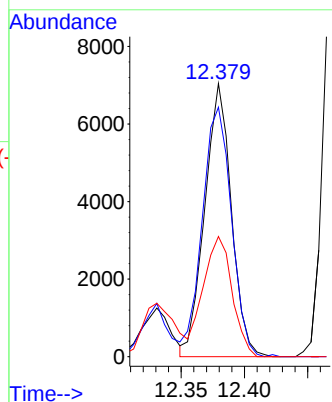
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01



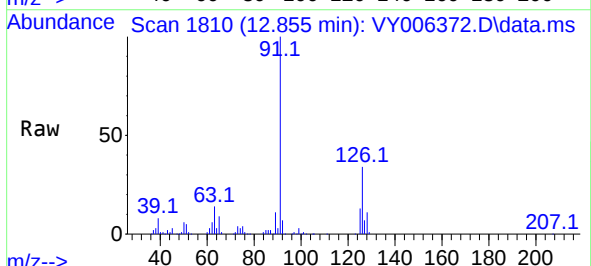
Tgt Ion: 75 Resp: 10294  
Ion Ratio Lower Upper  
75 100  
53 100.0 85.3 127.9  
89 47.7 37.0 55.4

Manual Integrations  
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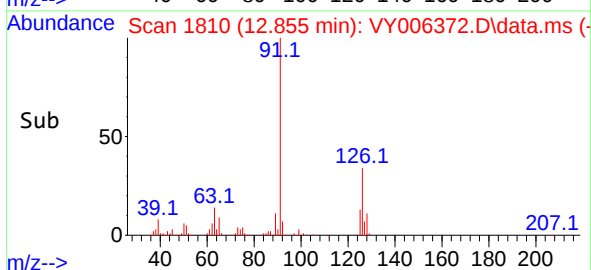
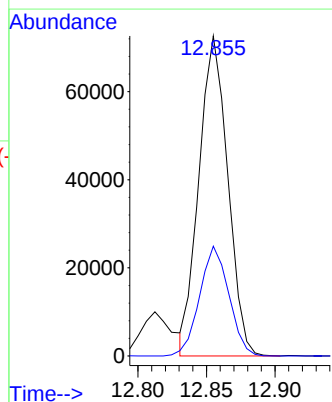
MMDadoda  
10/15/2021 6:22:30 PM

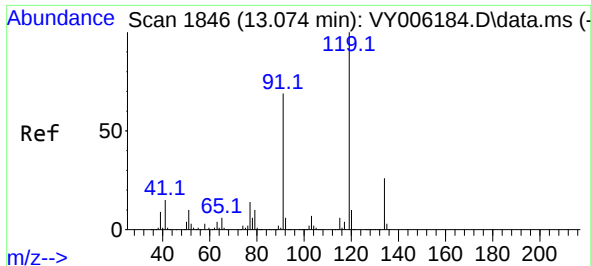


#82  
4-Chlorotoluene  
Concen: 19.971 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

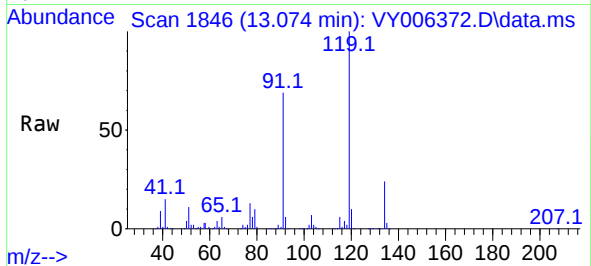


Tgt Ion: 91 Resp: 106107  
Ion Ratio Lower Upper  
91 100  
126 34.9 17.0 51.0

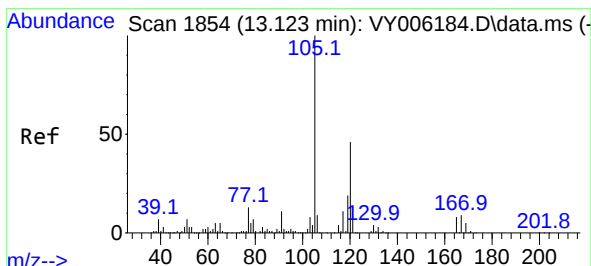
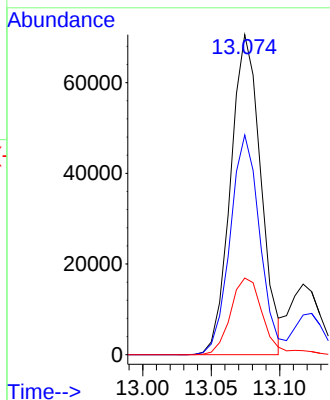
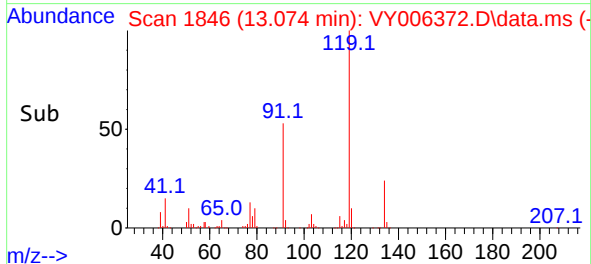




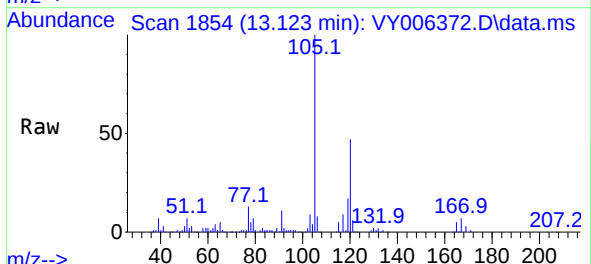
#83  
tert-Butylbenzene  
Concen: 20.144 ug/l  
RT: 13.074 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



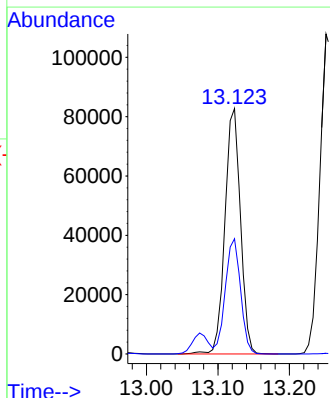
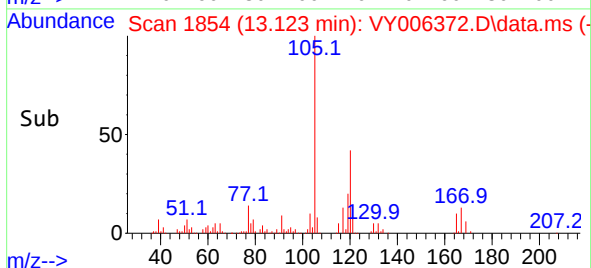
Tgt Ion:119 Resp: 108605  
Ion Ratio Lower Upper  
119 100  
91 67.9 34.8 104.4  
134 25.8 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 20.045 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



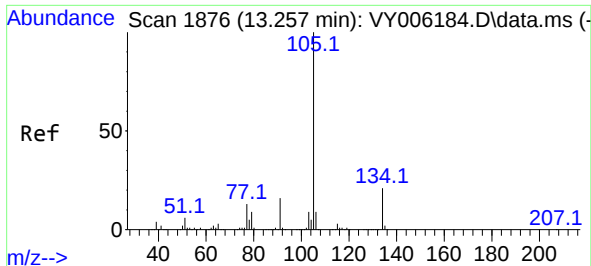
Tgt Ion:105 Resp: 124821  
Ion Ratio Lower Upper  
105 100  
120 46.1 22.3 66.9



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

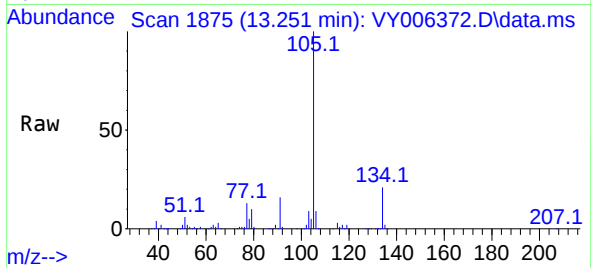
Manual Integrations  
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10/15/2021 6:22:30 PM



#85  
 sec-Butylbenzene  
 Concen: 20.189 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.006 min  
 Lab File: VY006372.D  
 Acq: 12 Oct 2021 11:29

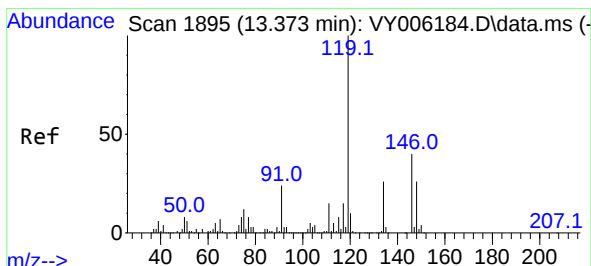
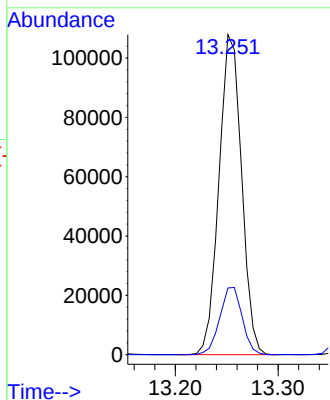
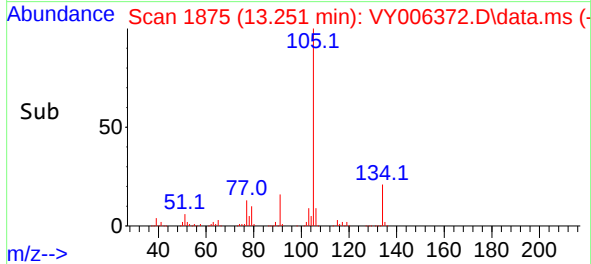
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1012SBS01



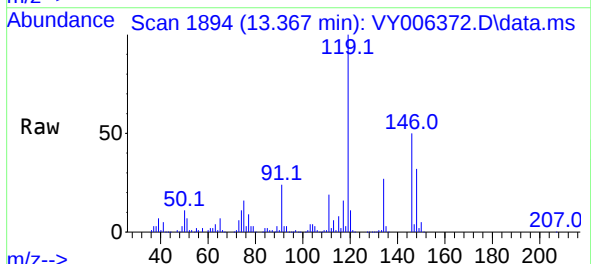
Tgt Ion:105 Resp: 164495  
 Ion Ratio Lower Upper  
 105 100  
 134 20.9 10.2 30.4

Manual Integrations  
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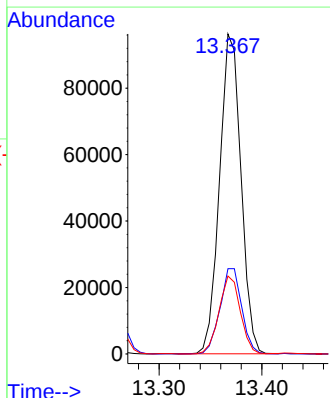
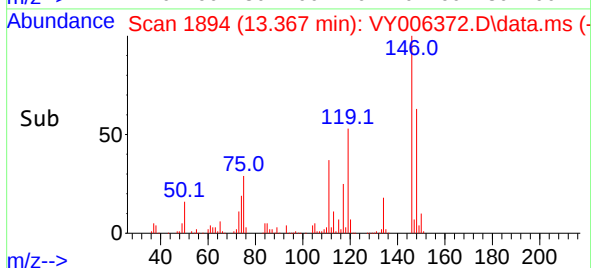
MMDadoda  
 10/15/2021 6:22:30 PM

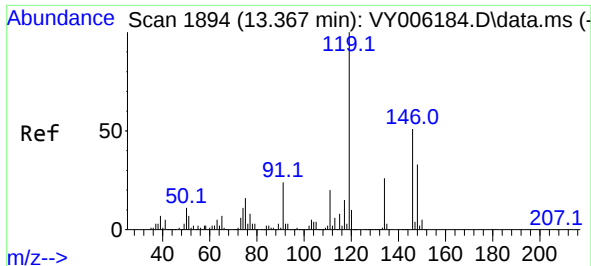


#86  
 p-Isopropyltoluene  
 Concen: 20.245 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.006 min  
 Lab File: VY006372.D  
 Acq: 12 Oct 2021 11:29

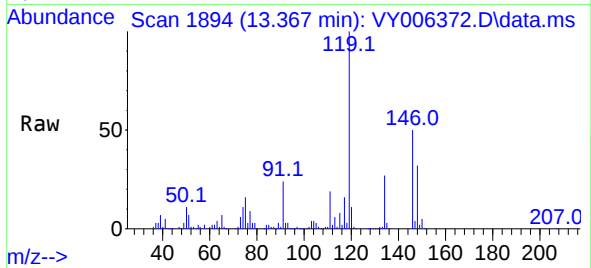


Tgt Ion:119 Resp: 139192  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 13.2 39.5  
 91 24.2 12.4 37.2

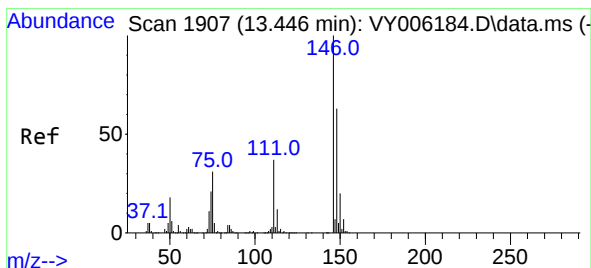
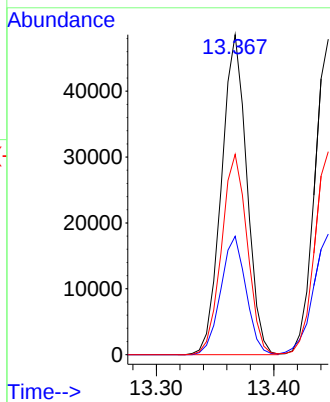
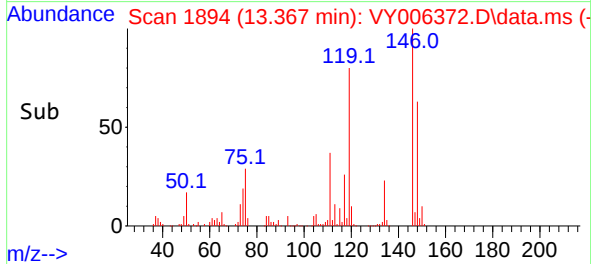




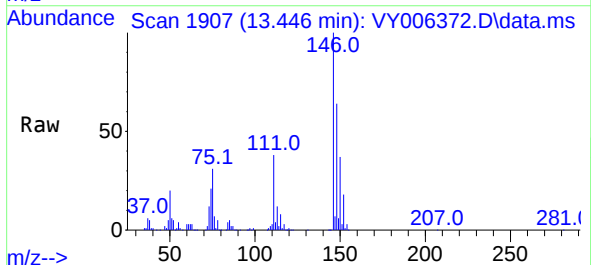
#87  
1,3-Dichlorobenzene  
Concen: 20.735 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



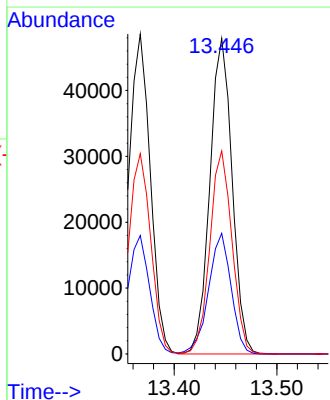
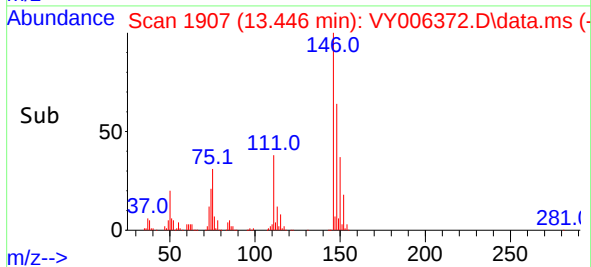
Tgt Ion:146 Resp: 72643  
Ion Ratio Lower Upper  
146 100  
111 36.9 19.5 58.5  
148 63.7 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 20.882 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



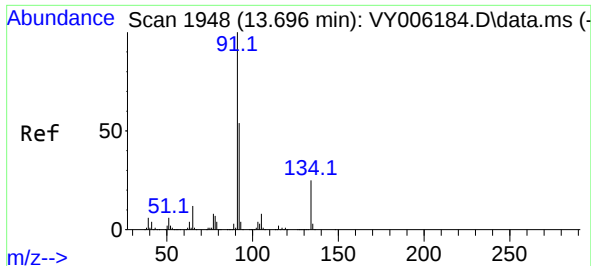
Tgt Ion:146 Resp: 72134  
Ion Ratio Lower Upper  
146 100  
111 38.8 19.3 57.8  
148 64.1 32.6 97.8



Instrument :  
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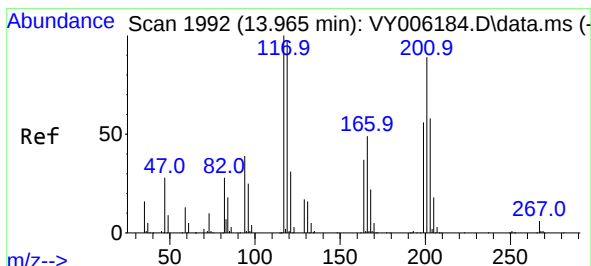
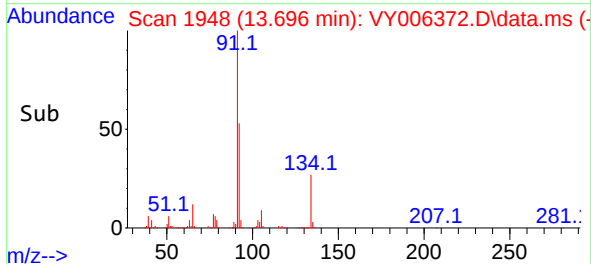
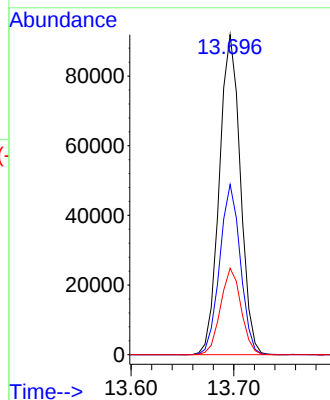
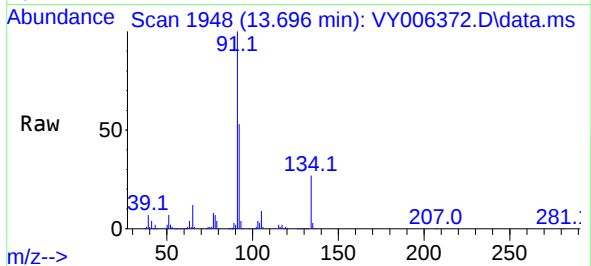
#89  
n-Butylbenzene  
Concen: 19.940 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

|             |              |
|-------------|--------------|
| Tgt Ion: 91 | Resp: 130265 |
| Ion Ratio   | Lower Upper  |
| 91 100      |              |
| 92 52.4     | 26.3 78.9    |
| 134 26.4    | 13.0 38.9    |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

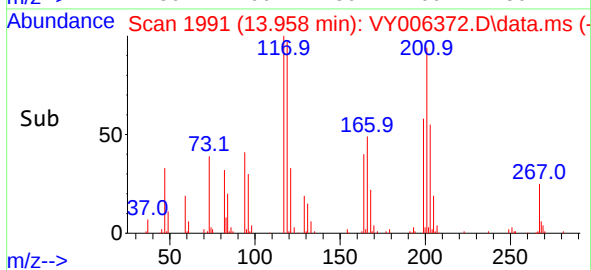
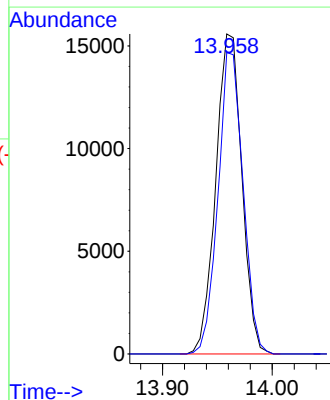
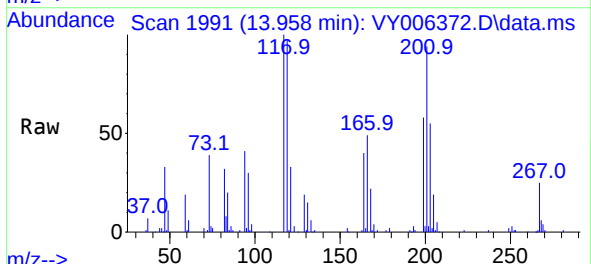
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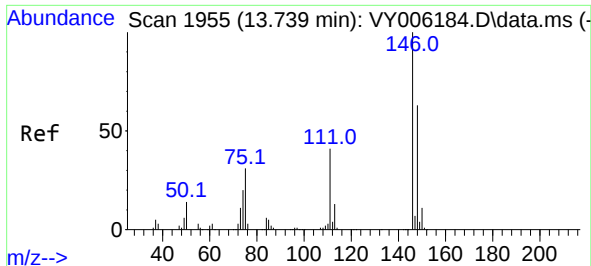
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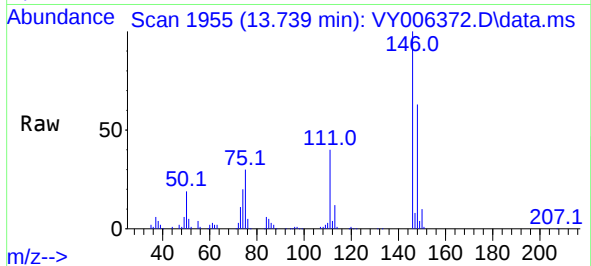
#90  
Hexachloroethane  
Concen: 20.613 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: VY006372.D  
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|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:117 | Resp: | 25737 |
| Ion | Ratio   | Lower | Upper |
| 117 | 100     |       |       |
| 201 | 90.6    | 43.0  | 128.8 |

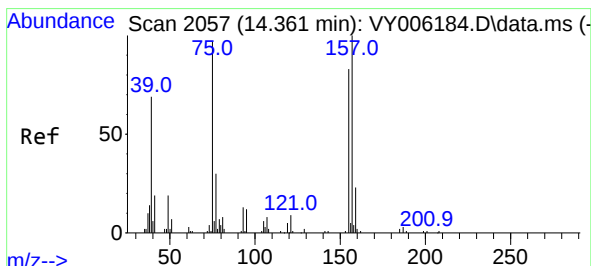
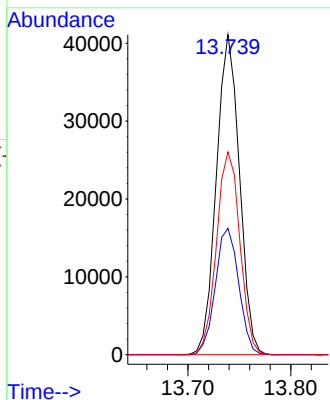
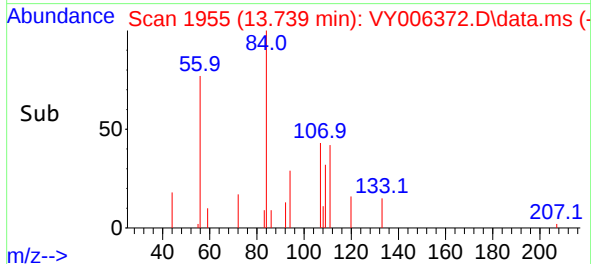




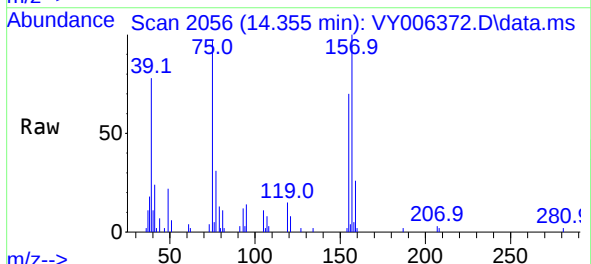
#91  
1,2-Dichlorobenzene  
Concen: 20.906 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



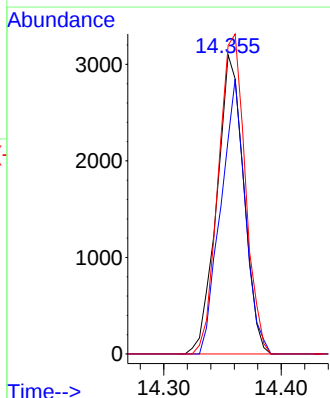
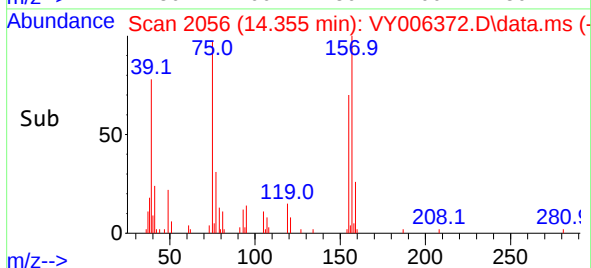
Tgt Ion: 146 Resp: 64043  
Ion Ratio Lower Upper  
146 100  
111 40.1 20.3 60.9  
148 64.2 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.976 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY006372.D  
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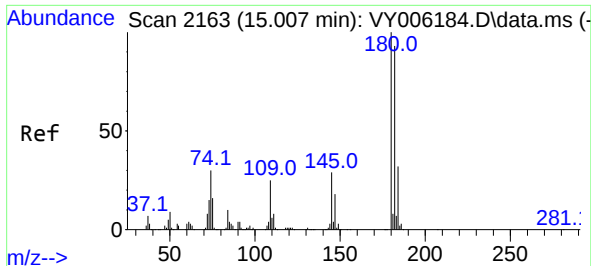
Tgt Ion: 75 Resp: 4924  
Ion Ratio Lower Upper  
75 100  
155 83.4 38.0 113.9  
157 107.1 47.8 143.3



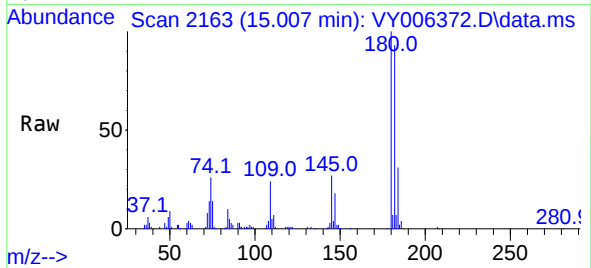
Instrument :  
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ClientSampleId :  
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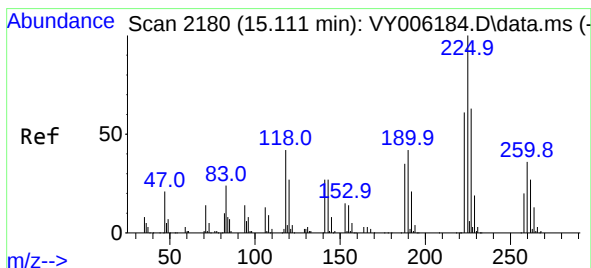
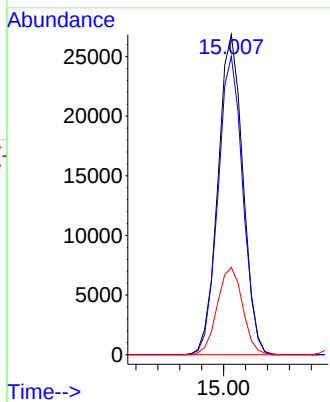
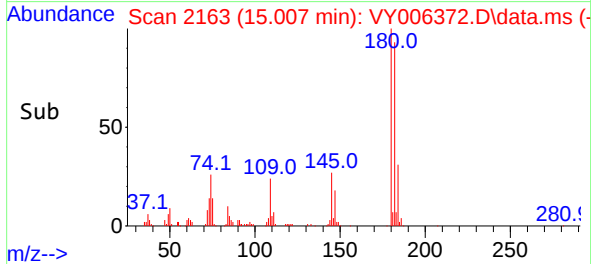
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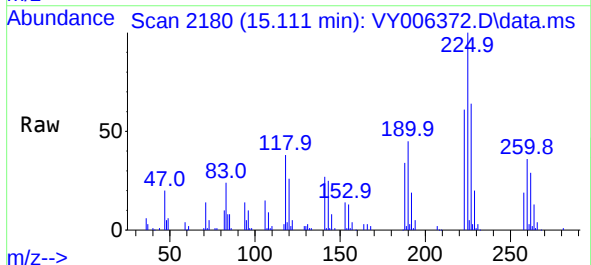
#93  
1,2,4-Trichlorobenzene  
Concen: 20.884 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



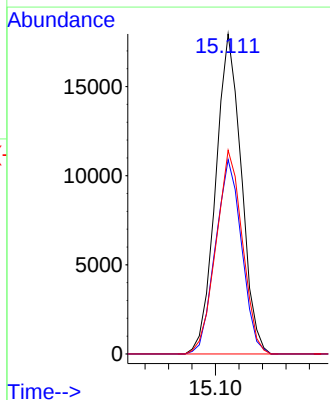
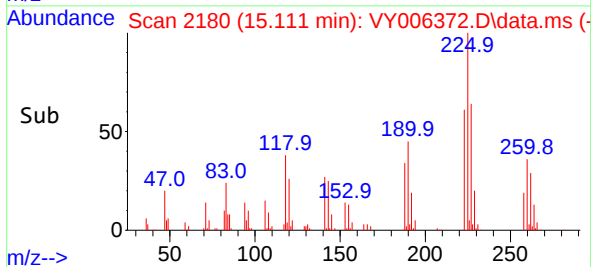
Tgt Ion:180 Resp: 42276  
Ion Ratio Lower Upper  
180 100  
182 93.1 47.3 141.9  
145 27.8 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 20.647 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29



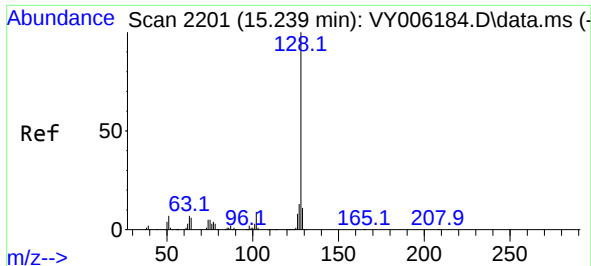
Tgt Ion:225 Resp: 27267  
Ion Ratio Lower Upper  
225 100  
223 61.9 30.8 92.3  
227 65.3 31.6 94.7



Instrument :  
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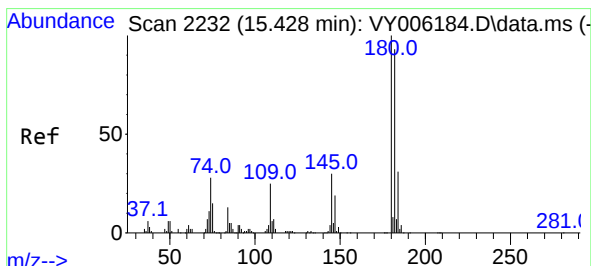
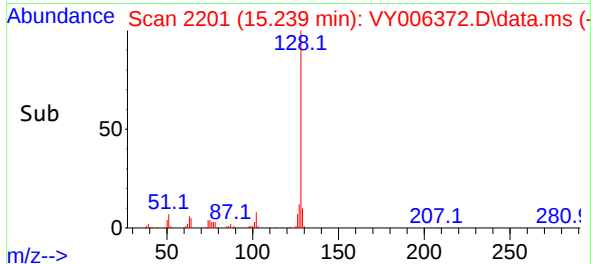
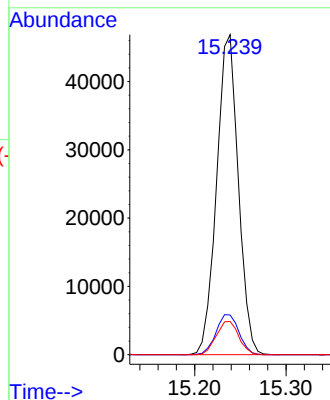
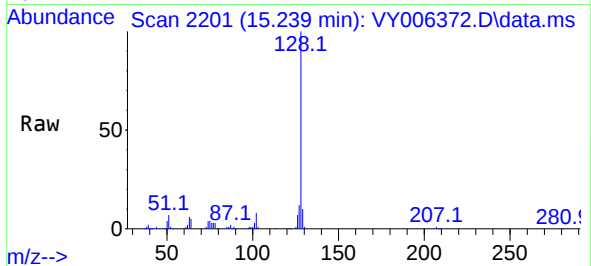
#95  
Naphthalene  
Concen: 19.195 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 77203 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.3  | 11.0  | 16.4  |
| 129       | 10.8  | 8.4   | 12.6  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1012SBS01

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#96  
1,2,3-Trichlorobenzene  
Concen: 19.709 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.006 min  
Lab File: VY006372.D  
Acq: 12 Oct 2021 11:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 35362 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.8  | 47.3  | 141.9 |
| 145       | 30.1  | 15.3  | 45.9  |

