

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091021\  
 Data File : VY005984.D  
 Acq On : 10 Sep 2021 15:44  
 Operator : SY/MD  
 Sample : VY0910SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0910SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/13/2021 7:35:09 PM

Quant Time: Sep 11 01:20:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083121S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 01 05:32:43 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.795  | 168   | 301707   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 422387   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.496 | 117   | 388904   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 206615   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149  | 65    | 120607   | 39.668   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 79.340%  |
| 35) Dibromofluoromethane     | 7.722  | 113   | 113977   | 48.049   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 96.100%  |
| 50) Toluene-d8               | 10.185 | 98    | 463448   | 46.552   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 93.100%  |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 159757   | 47.791   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 95.580%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.912  | 85    | 55684    | 20.670   | ug/l   | 100      |
| 3) Chloromethane             | 2.119  | 50    | 50998    | 17.874   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.259  | 62    | 67558    | 18.217   | ug/l   | 100      |
| 5) Bromomethane              | 2.650  | 94    | 51413    | 20.547   | ug/l   | 92       |
| 6) Chloroethane              | 2.796  | 64    | 40981    | 18.480   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.131  | 101   | 98057    | 20.699   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.540  | 74    | 28866    | 17.901   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 3.905  | 101   | 52409    | 20.546   | ug/l   | 97       |
| 10) Methyl Iodide            | 4.107  | 142   | 54111    | 16.880   | ug/l   | 96       |
| 11) Tert butyl alcohol       | 4.960  | 59    | 43618    | 72.956   | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 3.881  | 96    | 50813    | 19.620   | ug/l   | 98       |
| 13) Acrolein                 | 3.747  | 56    | 9541     | 71.551   | ug/l   | 99       |
| 14) Allyl chloride           | 4.485  | 41    | 74539    | 17.113   | ug/l   | 94       |
| 15) Acrylonitrile            | 5.173  | 53    | 65865    | 80.765   | ug/l   | 99       |
| 16) Acetone                  | 3.954  | 43    | 61989    | 79.960   | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.204  | 76    | 156899   | 18.967   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.485  | 43    | 32147    | 14.935   | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.228  | 73    | 137508   | 17.686   | ug/l   | 99       |
| 20) Methylene Chloride       | 4.728  | 84    | 68258    | 20.031   | ug/l   | 91       |
| 21) trans-1,2-Dichloroethene | 5.228  | 96    | 56005    | 19.381   | ug/l   | 99       |
| 22) Diisopropyl ether        | 6.125  | 45    | 156094   | 17.638   | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.070  | 43    | 448651   | 83.540   | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.021  | 63    | 94045    | 18.630   | ug/l   | 98       |
| 25) 2-Butanone               | 6.990  | 43    | 87687    | 80.065   | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 6.990  | 77    | 88185    | 18.671   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 6.990  | 96    | 61866    | 19.053   | ug/l   | 96       |
| 28) Bromochloromethane       | 7.338  | 49    | 36618    | 17.596   | ug/l   | 95       |
| 29) Tetrahydrofuran          | 7.356  | 42    | 55141    | 77.705   | ug/l   | 96       |
| 30) Chloroform               | 7.515  | 83    | 95497    | 18.435   | ug/l   | 97       |
| 31) Cyclohexane              | 7.789  | 56    | 93561    | 18.245   | ug/l # | 88       |
| 32) 1,1,1-Trichloroethane    | 7.710  | 97    | 90294    | 18.721   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 7.923  | 75    | 78467    | 19.731   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.082  | 43    | 38595    | 16.205   | ug/l   | 95       |
| 38) Carbon Tetrachloride     | 7.905  | 117   | 83942    | 19.473   | ug/l   | 100      |
| 39) Methylcyclohexane        | 9.185  | 83    | 98767    | 19.608   | ug/l   | 97       |
| 40) Benzene                  | 8.167  | 78    | 218046   | 19.407   | ug/l   | 99       |

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 ALS Vial : 4 Sample Multiplier: 1

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Manual Integrations  
 APPROVED

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 9/13/2021 7:35:09 PM

Quant Time: Sep 11 01:20:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083121S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 01 05:32:43 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.326  | 41   | 22212m   | 16.747  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 63145    | 17.302  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 71420    | 16.510  | ug/l   | 94       |
| 44) Trichloroethene           | 8.941  | 130  | 64216    | 20.380  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 53461    | 19.392  | ug/l   | 99       |
| 46) Dibromomethane            | 9.307  | 93   | 30376    | 19.146  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.502  | 83   | 75398    | 19.555  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.295  | 41   | 32274    | 16.232  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 7758     | 355.063 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 190789   | 81.855  | ug/l   | 96       |
| 52) Toluene                   | 10.246 | 92   | 140891   | 19.457  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 79264    | 18.540  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 89257    | 19.028  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 44738    | 19.688  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 60577    | 18.417  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 74993    | 19.036  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 155810   | 91.772  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.837 | 43   | 135838   | 83.419  | ug/l   | 95       |
| 60) Dibromochloromethane      | 10.990 | 129  | 55659    | 19.950  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 42630    | 19.694  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 65676    | 20.625  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.520 | 112  | 153943   | 19.728  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 57648    | 19.734  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 273609   | 19.614  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 216650   | 39.385  | ug/l   | 98       |
| 69) o-Xylene                  | 12.032 | 106  | 101435   | 19.641  | ug/l   | 98       |
| 70) Styrene                   | 12.044 | 104  | 172001   | 19.525  | ug/l   | 98       |
| 71) Bromoform                 | 12.209 | 173  | 36989    | 19.206  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 271229   | 19.695  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 66206    | 16.756  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 50097    | 19.115  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 34905m   | 18.050  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 68593    | 19.775  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.672 | 91   | 326030   | 19.809  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 181114   | 19.767  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 226441   | 19.626  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 18929    | 18.615  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 187150   | 19.469  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 204577   | 20.285  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 222953   | 19.480  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.257 | 105  | 298902   | 20.109  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 251771   | 19.548  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 134823   | 19.976  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 133052   | 19.736  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 227246   | 19.720  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 47315    | 20.243  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 118502   | 19.801  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 8383     | 17.055  | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 81816    | 20.253  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 54834    | 21.072  | ug/l   | 100      |
| 95) Naphthalene               | 15.239 | 128  | 147014   | 18.943  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 72454    | 20.544  | ug/l   | 98       |

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0910SBS01

Manual Integrations  
 APPROVED

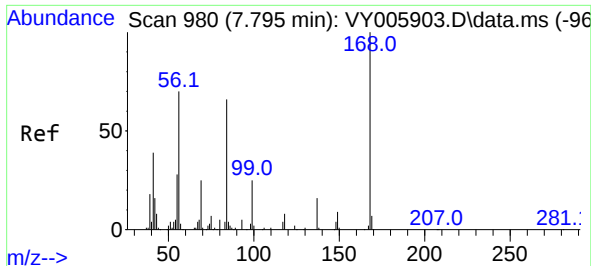
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 9/13/2021 7:35:09 PM

Quant Time: Sep 11 01:20:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083121S.M  
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 Response via : Initial Calibration

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

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





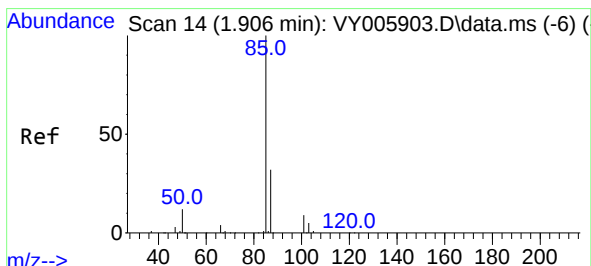
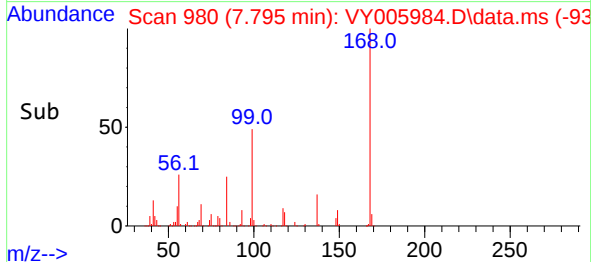
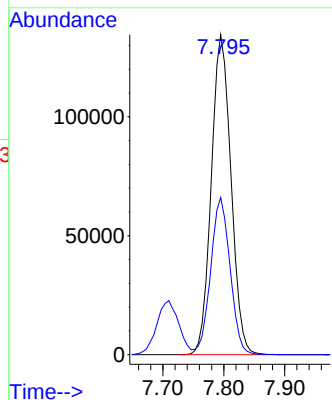
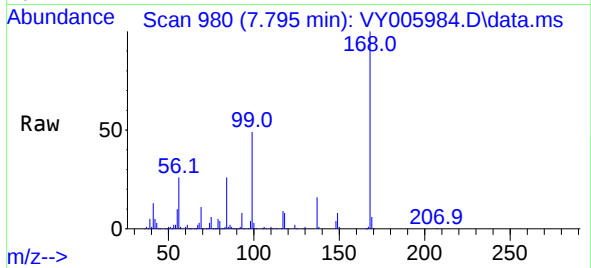
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 168 Resp: 301707  
Ion Ratio Lower Upper  
168 100  
99 49.1 40.6 60.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

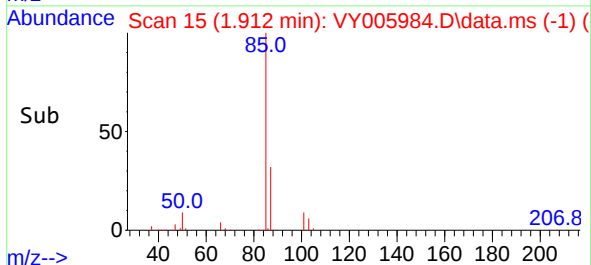
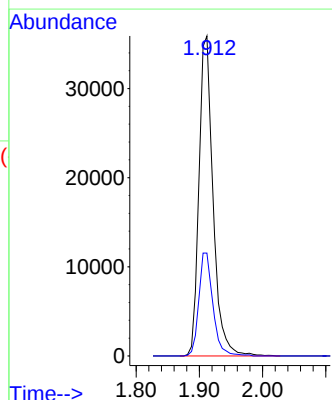
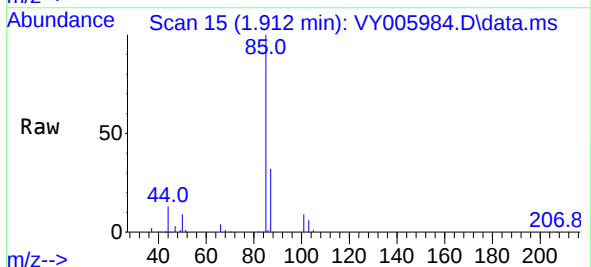
Manual Integrations  
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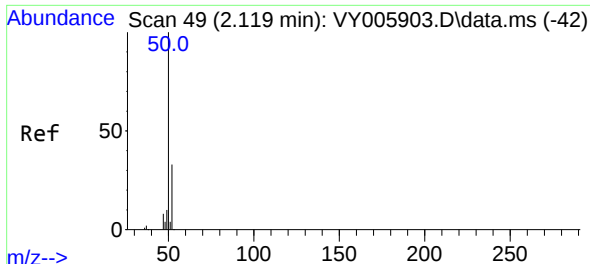
MMDadoda  
9/13/2021 7:35:09 PM



#2  
Dichlorodifluoromethane  
Concen: 20.670 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 85 Resp: 55684  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.1 48.2





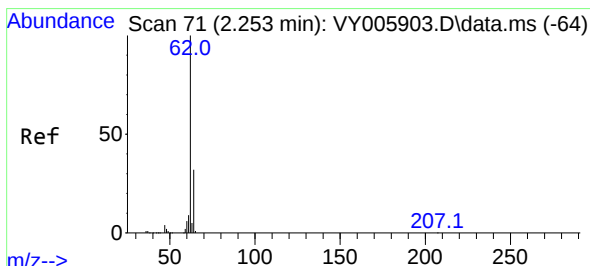
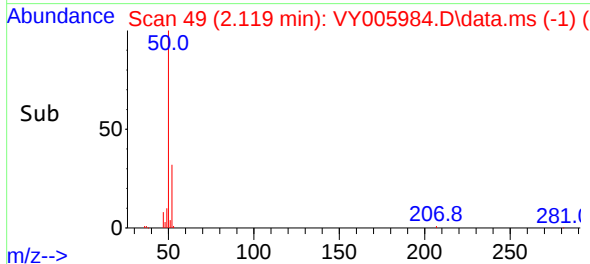
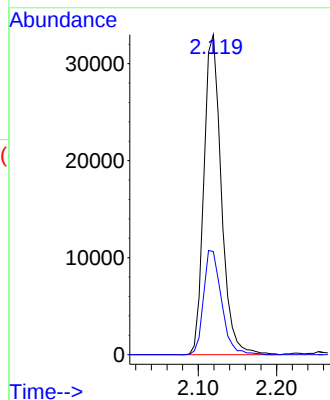
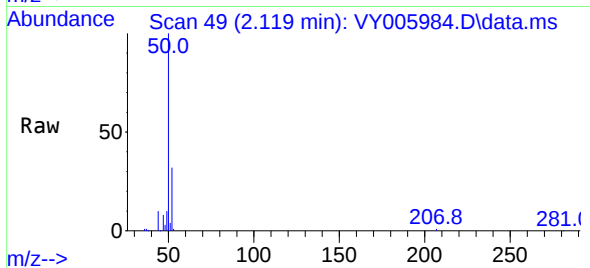
#3  
Chloromethane  
Concen: 17.874 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 50 Resp: 50998  
Ion Ratio Lower Upper  
50 100  
52 32.3 26.2 39.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

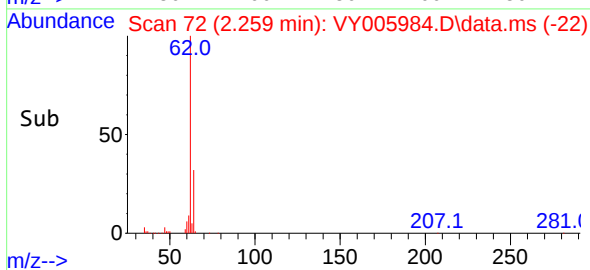
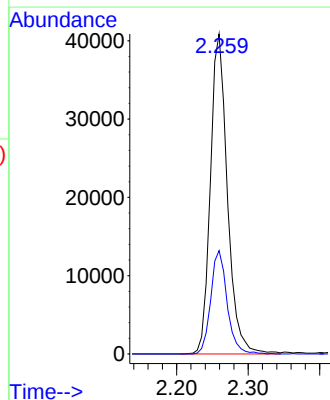
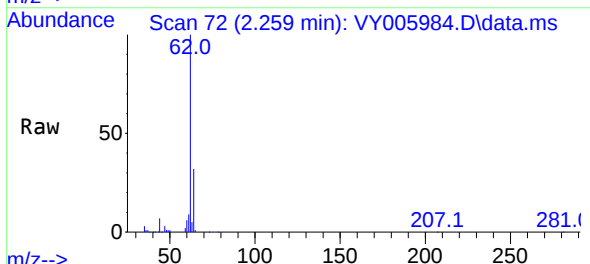
Manual Integrations  
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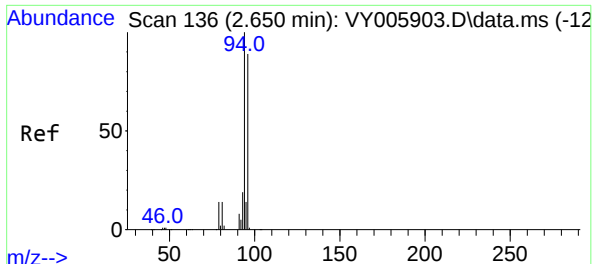
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9/13/2021 7:35:09 PM



#4  
Vinyl Chloride  
Concen: 18.217 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 62 Resp: 67558  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.7 38.5





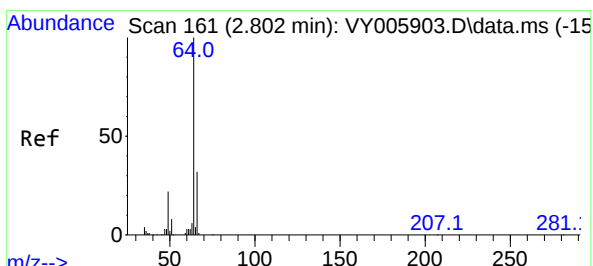
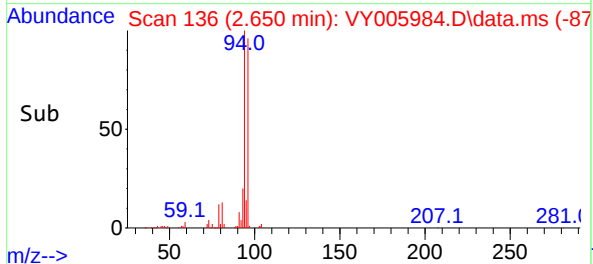
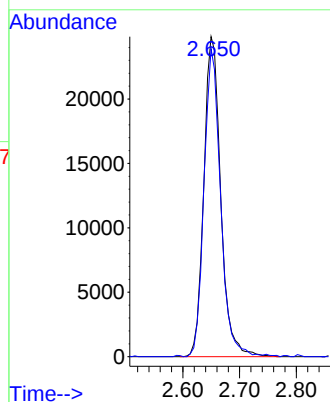
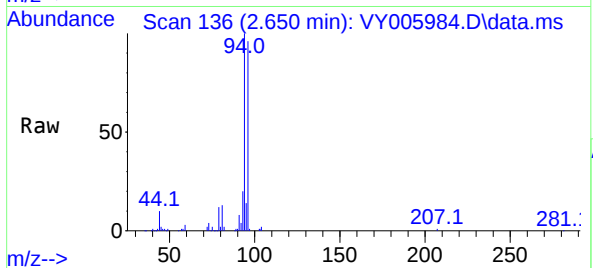
#5  
Bromomethane  
Concen: 20.547 ug/l  
RT: 2.650 min Scan# 136  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 94 Resp: 51413  
Ion Ratio Lower Upper  
94 100  
96 96.2 70.8 106.2

Instrument :  
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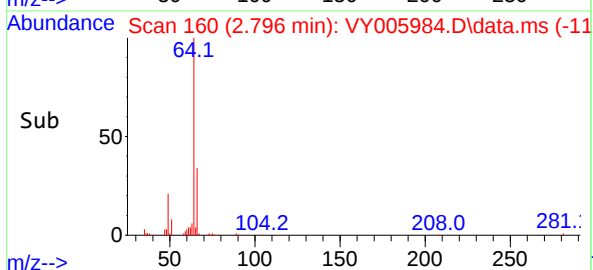
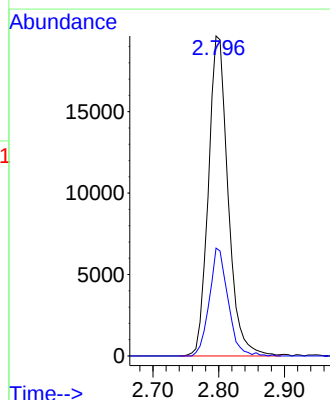
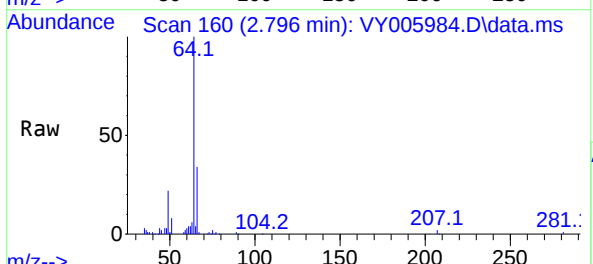
Manual Integrations  
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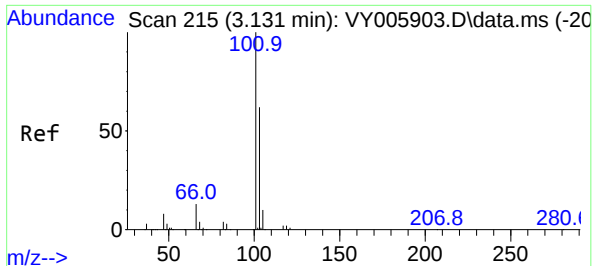
MMDadoda  
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#6  
Chloroethane  
Concen: 18.480 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 64 Resp: 40981  
Ion Ratio Lower Upper  
64 100  
66 33.7 25.3 37.9





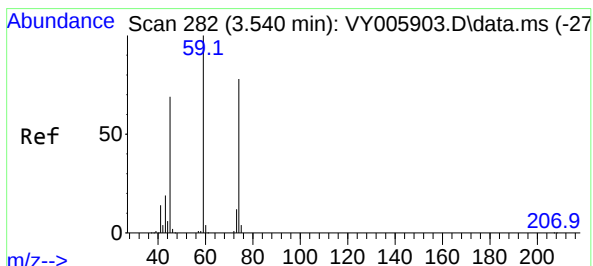
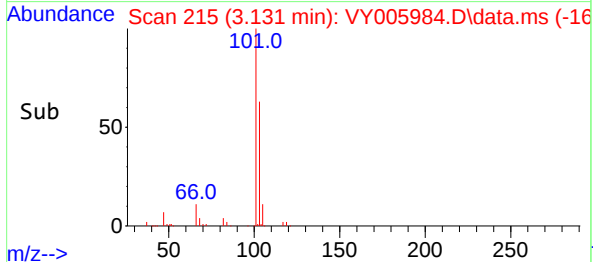
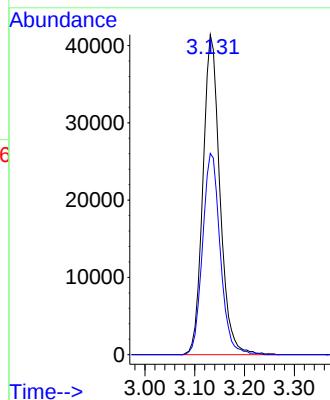
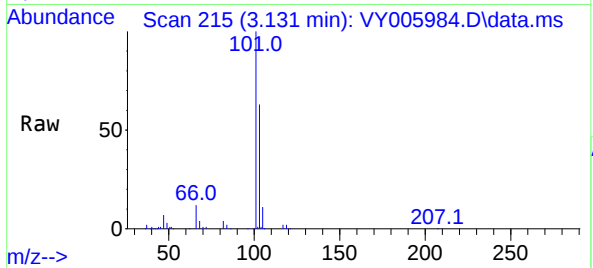
#7  
Trichlorofluoromethane  
Concen: 20.699 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion:101 Resp: 98057  
Ion Ratio Lower Upper  
101 100  
103 62.9 49.8 74.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

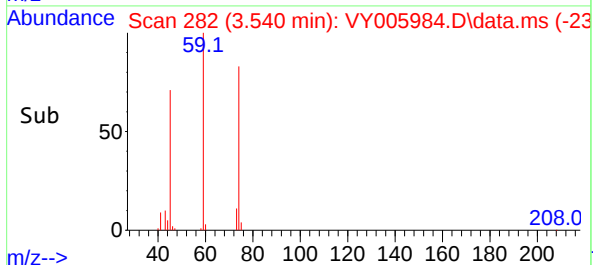
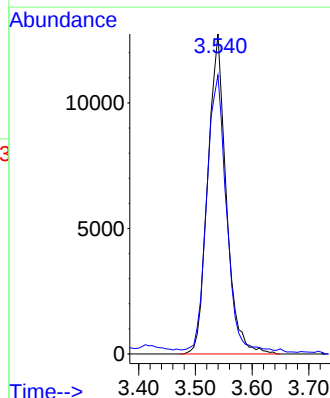
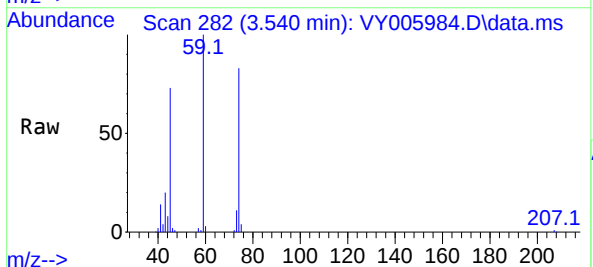
Manual Integrations  
APPROVED

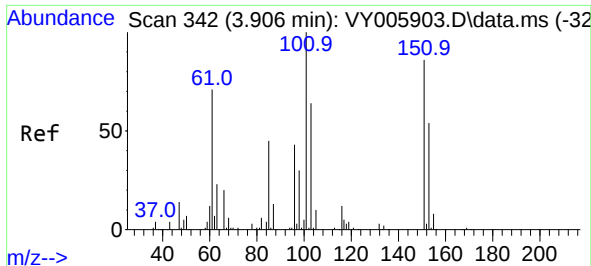
MMDadoda  
9/13/2021 7:35:09 PM



#8  
Diethyl Ether  
Concen: 17.901 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 74 Resp: 28866  
Ion Ratio Lower Upper  
74 100  
45 92.9 46.8 140.3





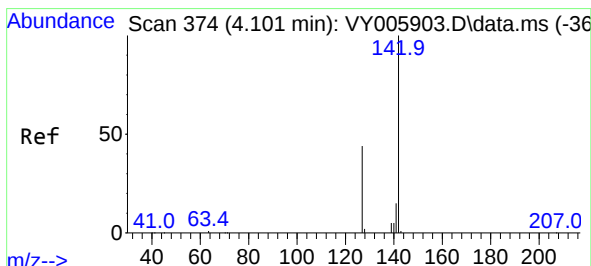
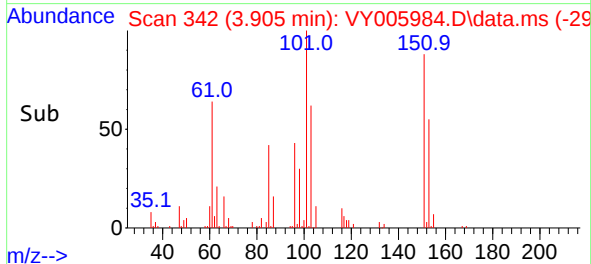
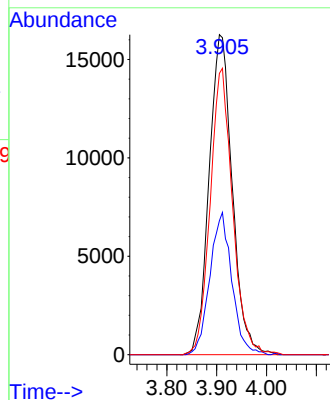
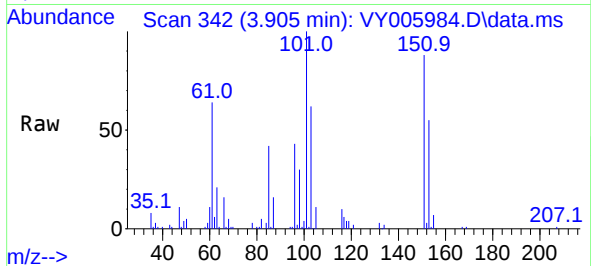
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.546 ug/l  
RT: 3.905 min Scan# 342  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 52409 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 42.3  | 36.0  | 54.0  |
| 151      | 86.7  | 68.2  | 102.2 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

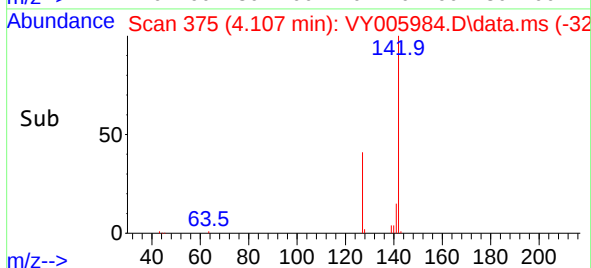
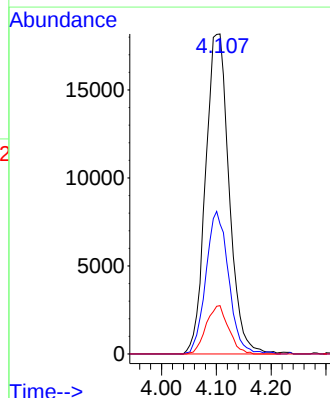
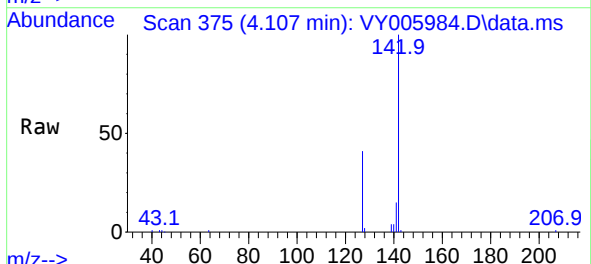
Manual Integrations  
APPROVED

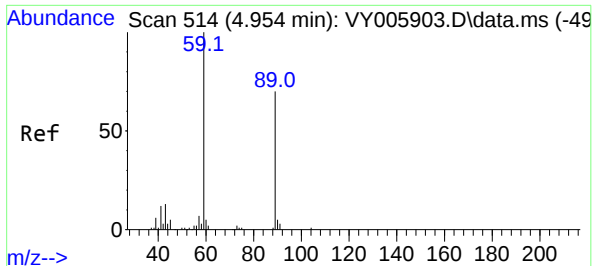
MMDadoda  
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#10  
Methyl Iodide  
Concen: 16.880 ug/l  
RT: 4.107 min Scan# 375  
Delta R.T. 0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 54111 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 43.0  | 36.7  | 55.1  |
| 141      | 14.4  | 11.8  | 17.8  |





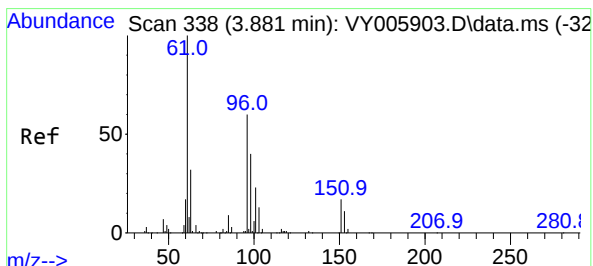
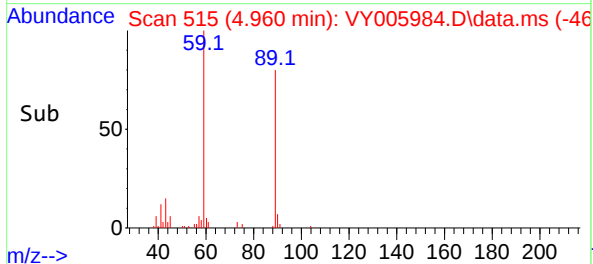
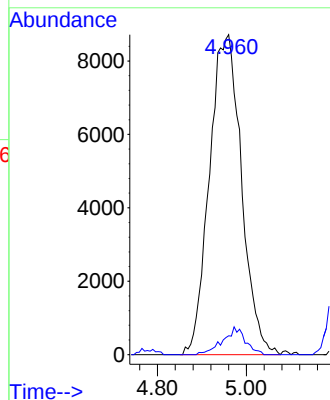
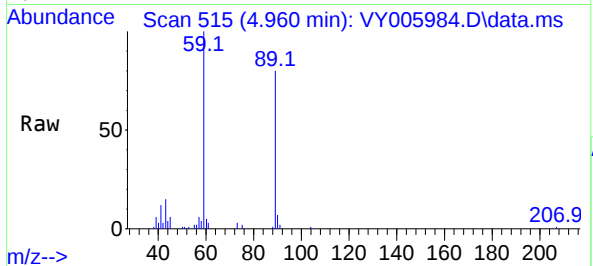
#11  
Tert butyl alcohol  
Concen: 72.956 ug/l  
RT: 4.960 min Scan# 515  
Delta R.T. 0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 59 Resp: 43618  
Ion Ratio Lower Upper  
59 100  
57 6.1 5.5 8.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

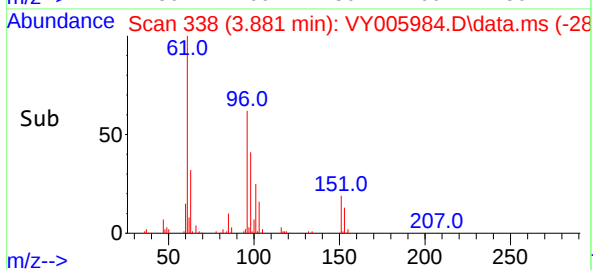
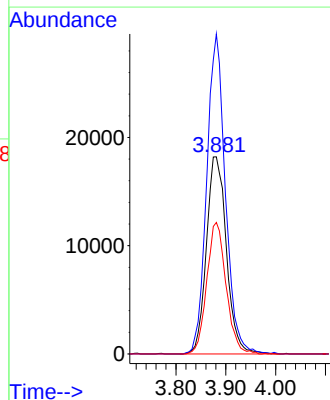
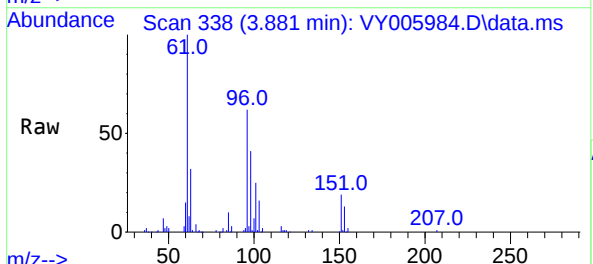
Manual Integrations  
APPROVED

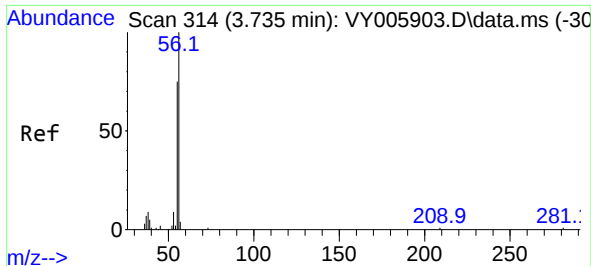
MMDadoda  
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#12  
1,1-Dichloroethene  
Concen: 19.620 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. 0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

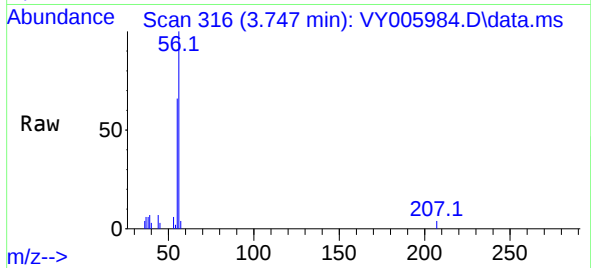
Tgt Ion: 96 Resp: 50813  
Ion Ratio Lower Upper  
96 100  
61 162.3 132.8 199.2  
98 66.7 52.7 79.1





#13  
Acrolein  
Concen: 71.551 ug/l  
RT: 3.747 min Scan# 316  
Delta R.T. 0.012 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

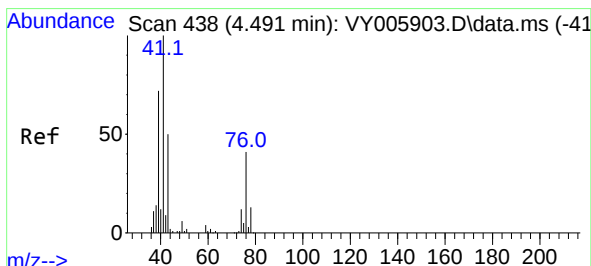
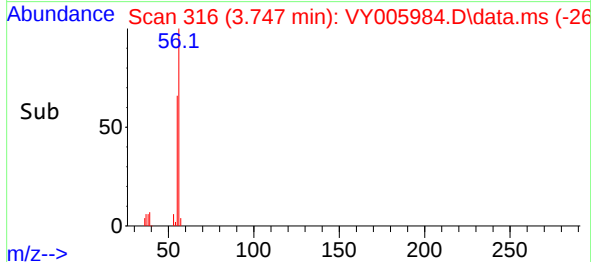
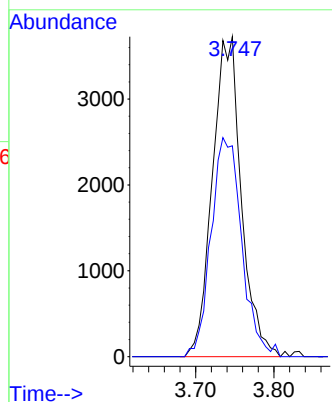
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01



Tgt Ion: 56 Resp: 9541  
Ion Ratio Lower Upper  
56 100  
55 72.7 57.6 86.4

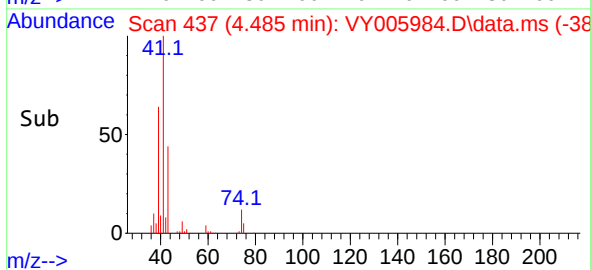
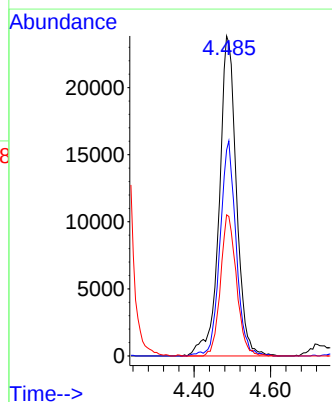
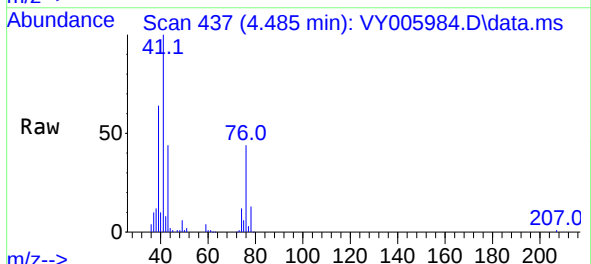
Manual Integrations  
APPROVED

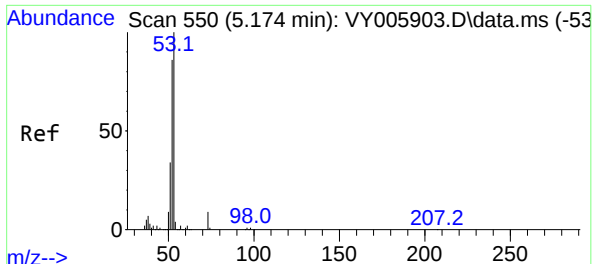
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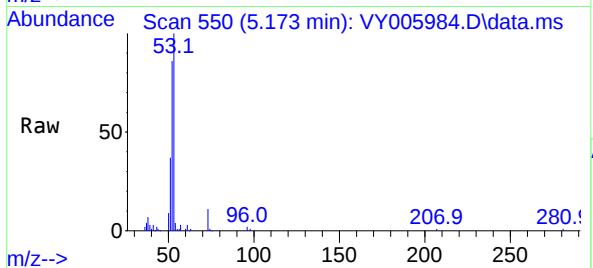
#14  
Allyl chloride  
Concen: 17.113 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 41 Resp: 74539  
Ion Ratio Lower Upper  
41 100  
39 62.9 53.8 80.6  
76 41.0 29.6 44.4

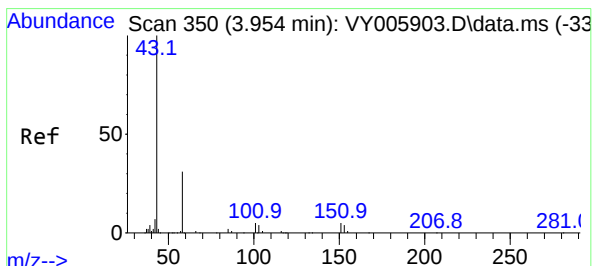
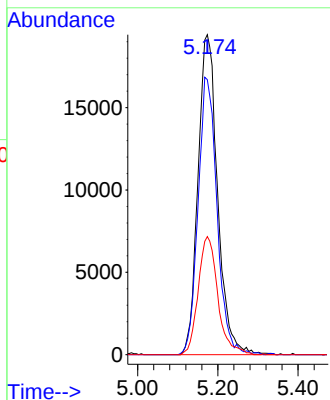
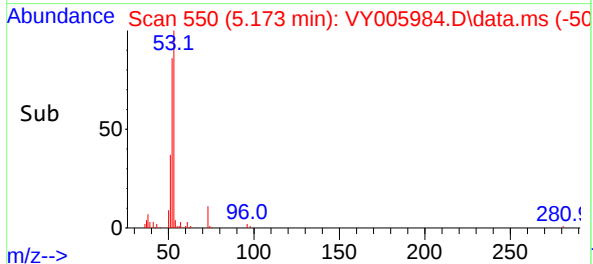




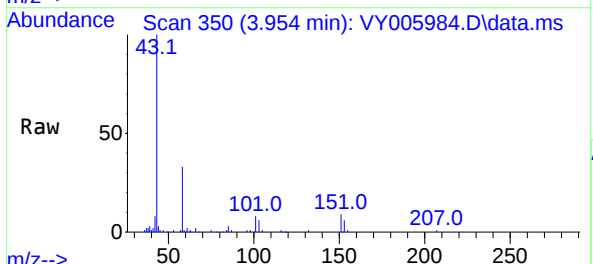
#15  
Acrylonitrile  
Concen: 80.765 ug/l  
RT: 5.173 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



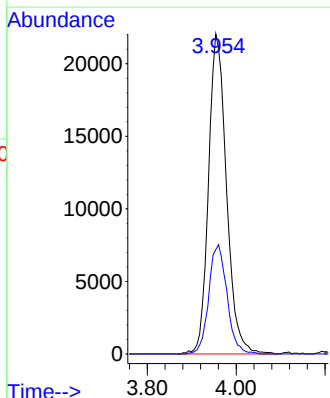
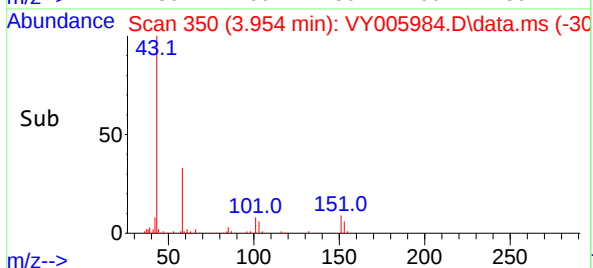
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 65865 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.9  | 66.3  | 99.5  |
| 51       | 37.1  | 29.0  | 43.4  |



#16  
Acetone  
Concen: 79.960 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



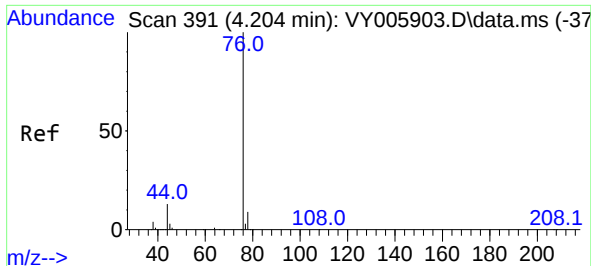
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 61989 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 32.6  | 25.1  | 37.7  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

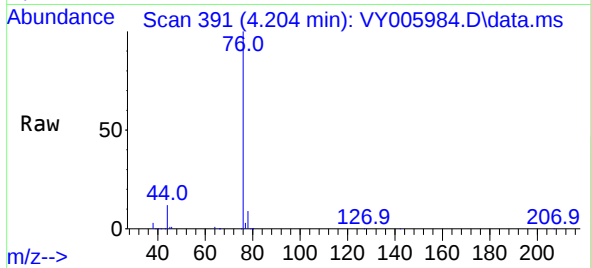
Manual Integrations  
APPROVED

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#17  
Carbon Disulfide  
Concen: 18.967 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

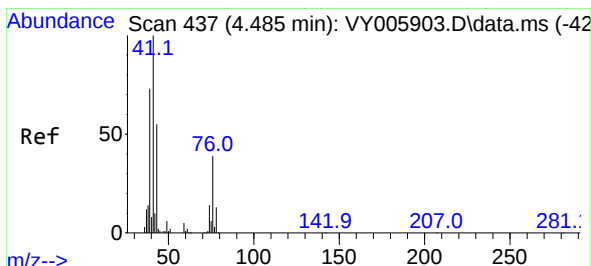
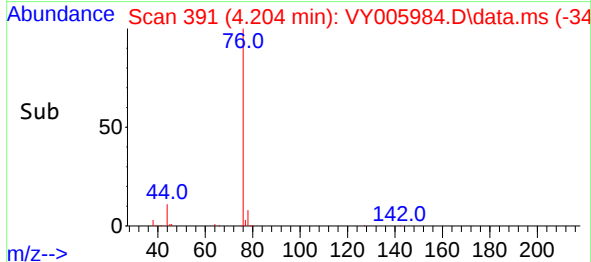
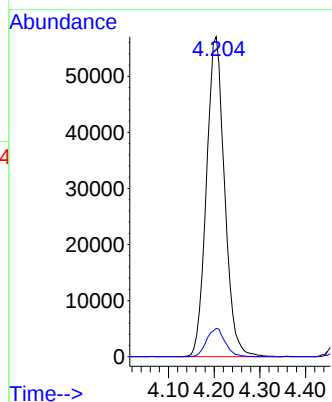
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01



Tgt Ion: 76 Resp: 156899  
Ion Ratio Lower Upper  
76 100  
78 8.9 6.9 10.3

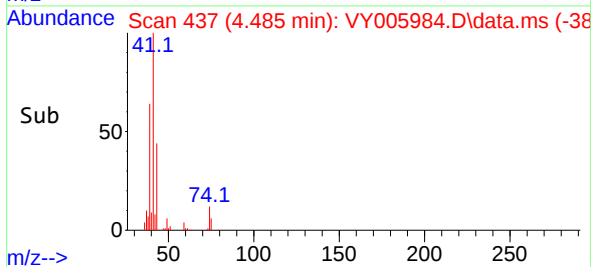
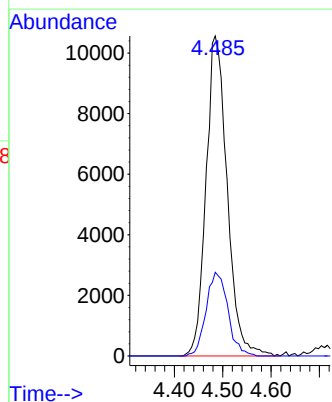
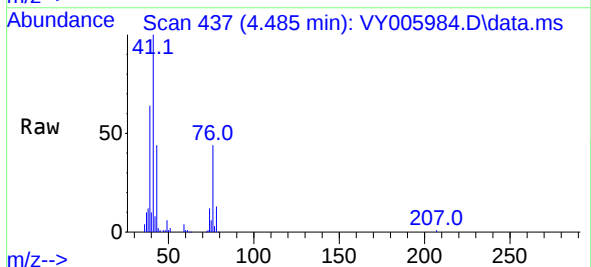
Manual Integrations  
APPROVED

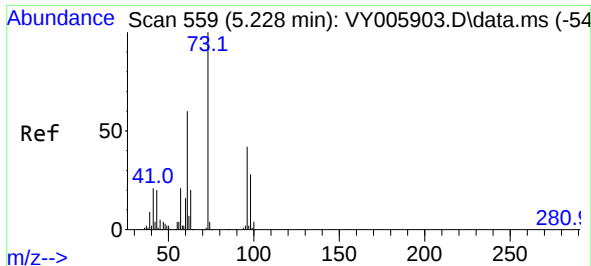
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#18  
Methyl Acetate  
Concen: 14.935 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 43 Resp: 32147  
Ion Ratio Lower Upper  
43 100  
74 26.9 19.7 29.5





#19

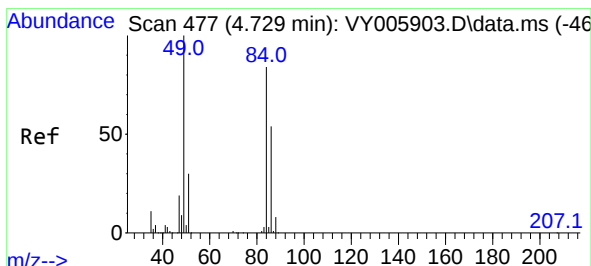
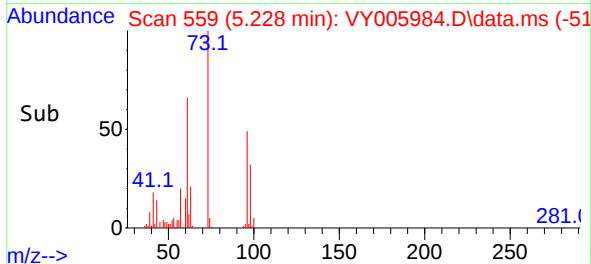
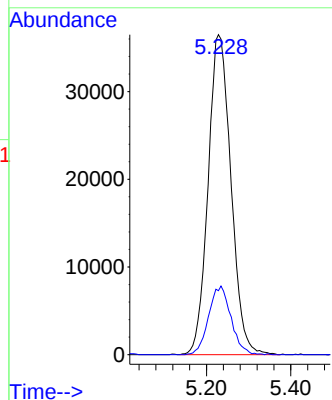
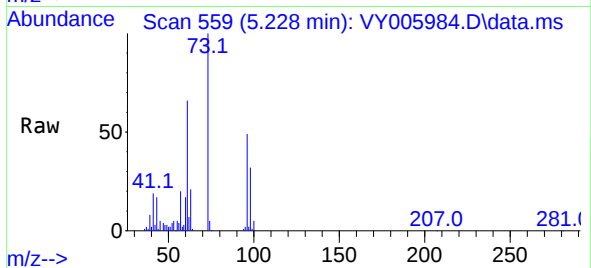
Methyl tert-butyl Ether  
Concen: 17.686 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

Tgt Ion: 73 Resp: 137508  
Ion Ratio Lower Upper  
73 100  
57 20.0 16.4 24.6

Manual Integrations  
APPROVED

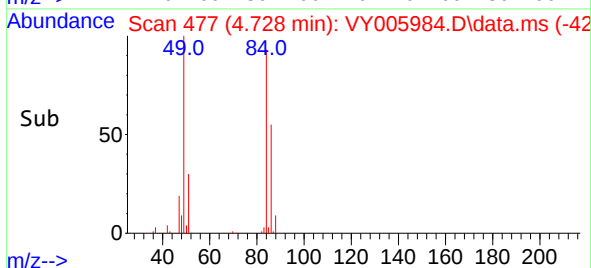
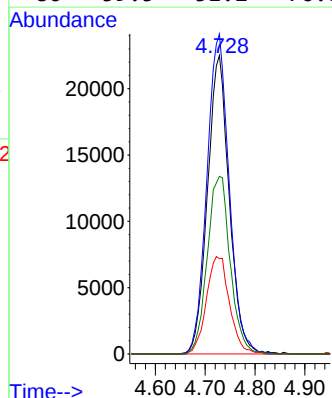
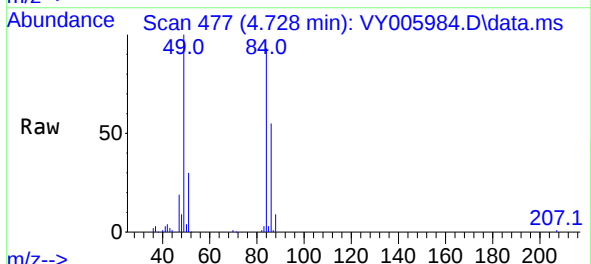
MMDadoda  
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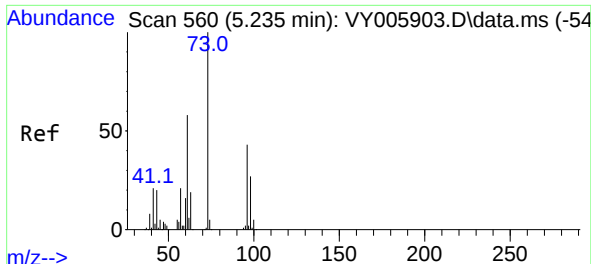


#20

Methylene Chloride  
Concen: 20.031 ug/l  
RT: 4.728 min Scan# 477  
Delta R.T. -0.001 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 84 Resp: 68258  
Ion Ratio Lower Upper  
84 100  
49 107.2 95.7 143.5  
51 31.9 29.0 43.6  
86 59.5 51.2 76.8





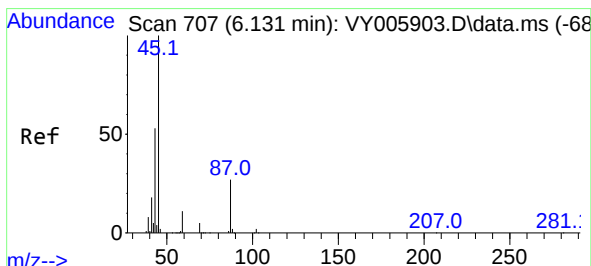
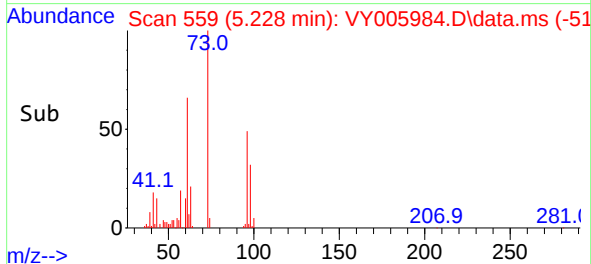
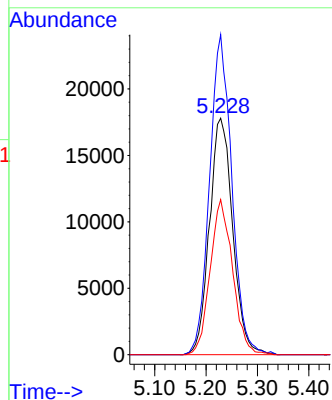
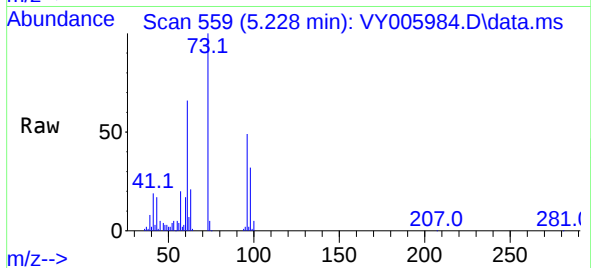
#21  
trans-1,2-Dichloroethene  
Concen: 19.381 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 56005 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 135.3 | 108.3 | 162.5 |
| 98       | 65.5  | 50.3  | 75.5  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

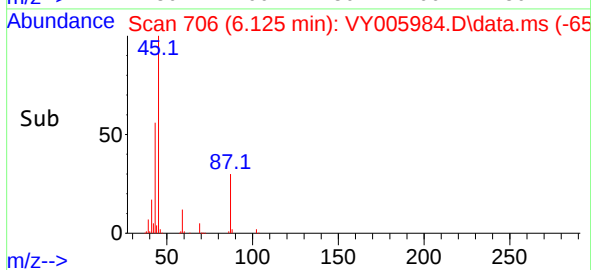
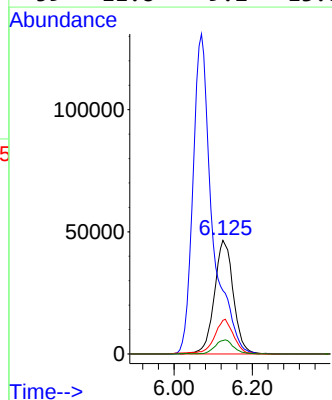
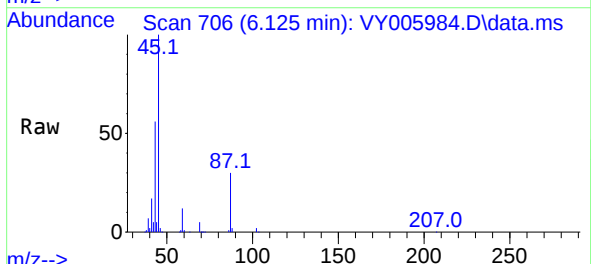
Manual Integrations  
APPROVED

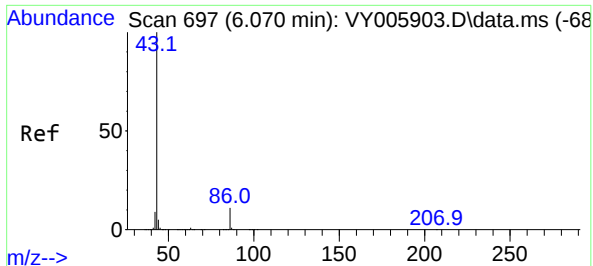
MMDadoda  
9/13/2021 7:35:09 PM



#22  
Diisopropyl ether  
Concen: 17.638 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 156094 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 55.5  | 43.1  | 64.7   |
| 87       | 29.6  | 22.3  | 33.5   |
| 59       | 11.8  | 9.2   | 13.8   |





#23

Vinyl Acetate

Concen: 83.540 ug/l

RT: 6.070 min Scan# 697

Delta R.T. -0.000 min

Lab File: VY005984.D

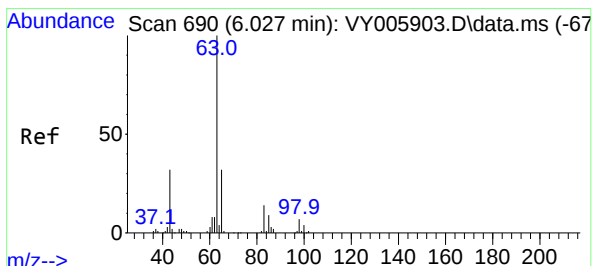
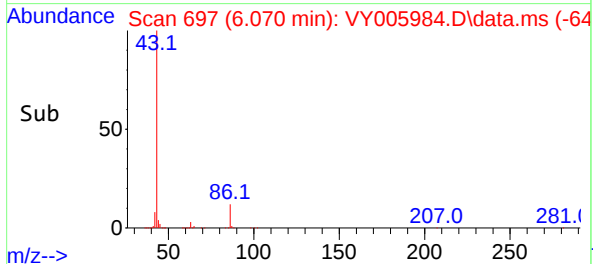
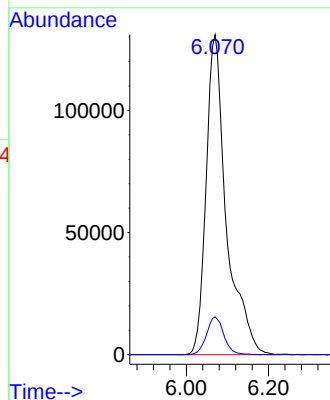
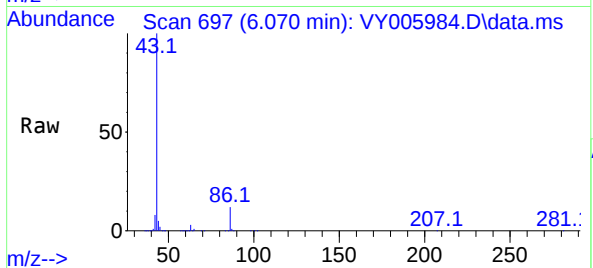
Acq: 10 Sep 2021 15:44

Tgt Ion: 43 Resp: 448651

Ion Ratio Lower Upper

43 100

86 11.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 18.630 ug/l

RT: 6.021 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY005984.D

Acq: 10 Sep 2021 15:44

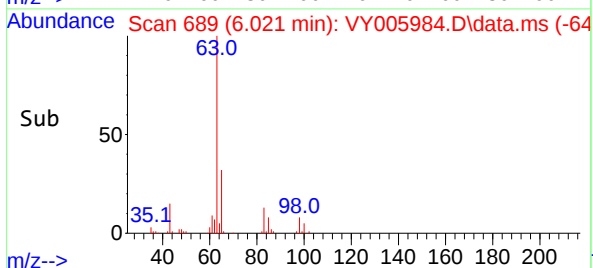
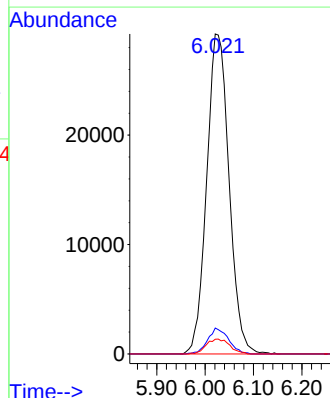
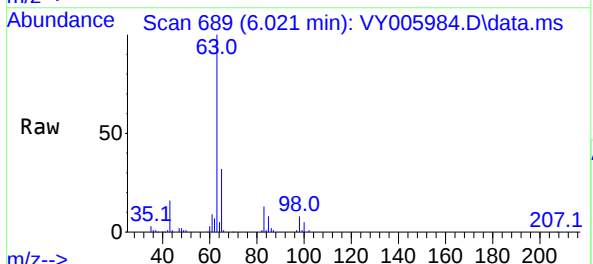
Tgt Ion: 63 Resp: 94045

Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.4

100 4.6 2.2 6.6



Instrument :

MSVOA\_Y

ClientSampleId :

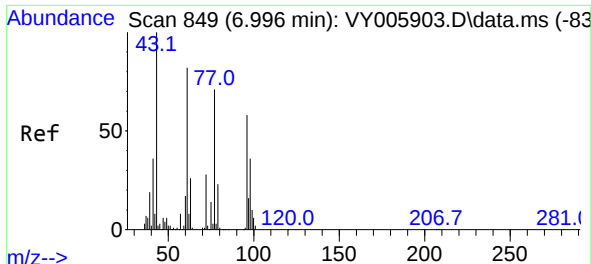
VY0910SBS01

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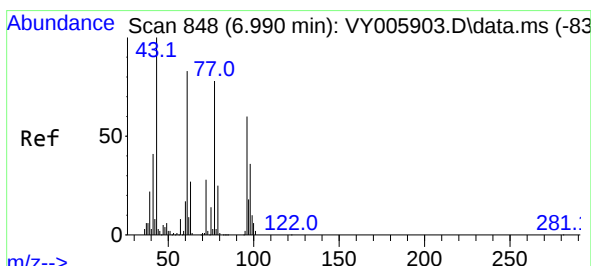
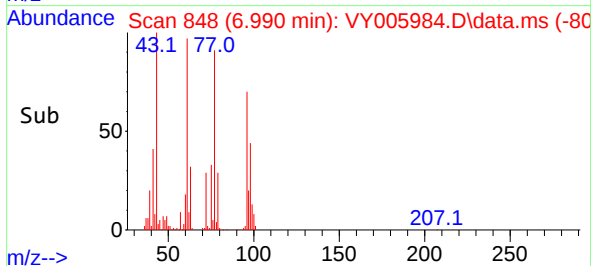
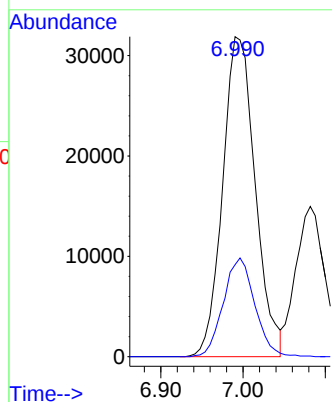
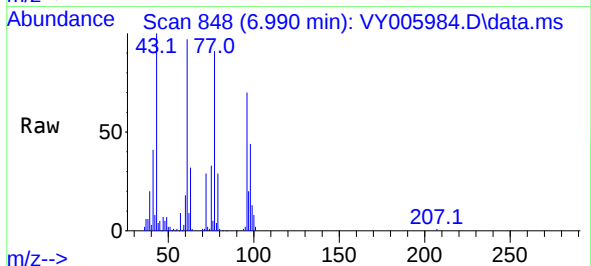
#25  
2-Butanone  
Concen: 80.065 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

Tgt Ion: 43 Resp: 87687  
Ion Ratio Lower Upper  
43 100  
72 28.8 22.3 33.5

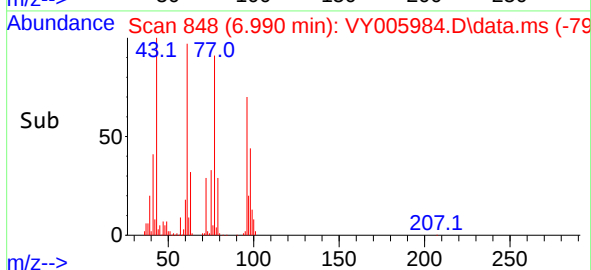
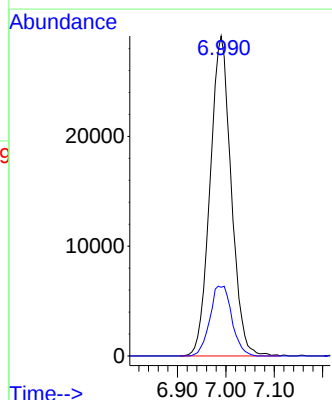
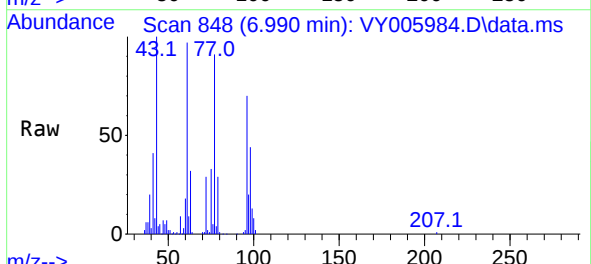
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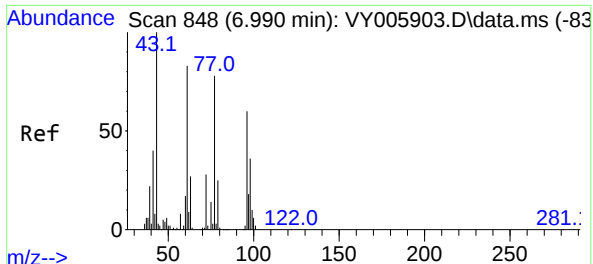
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#26  
2,2-Dichloropropane  
Concen: 18.671 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 77 Resp: 88185  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.2 33.5





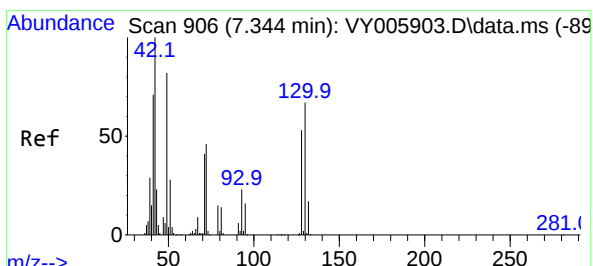
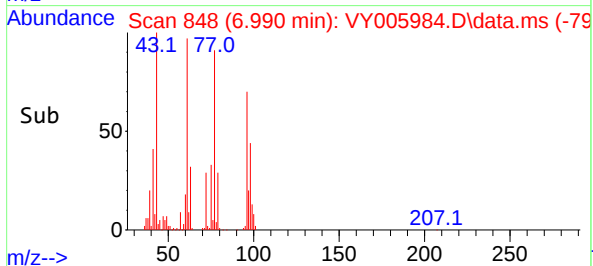
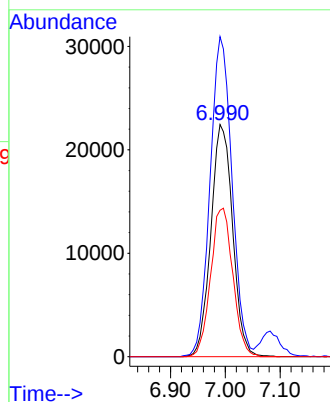
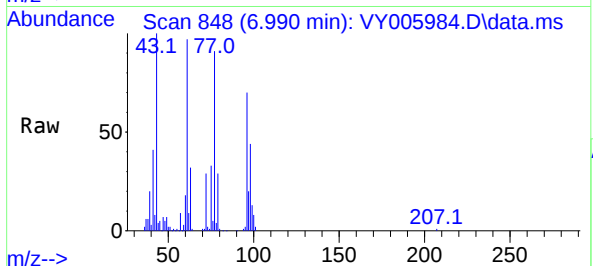
#27  
cis-1,2-Dichloroethene  
Concen: 19.053 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 61866 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 139.2 | 0.0   | 289.2 |
| 98       | 65.1  | 0.0   | 126.8 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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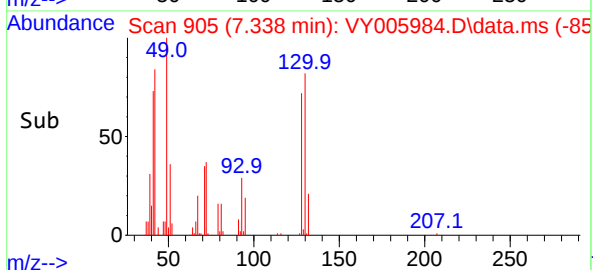
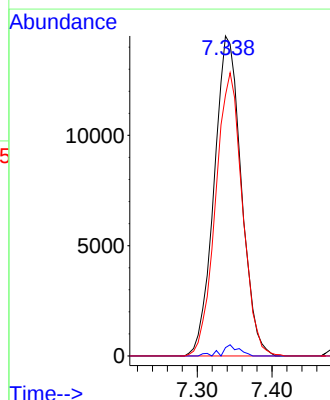
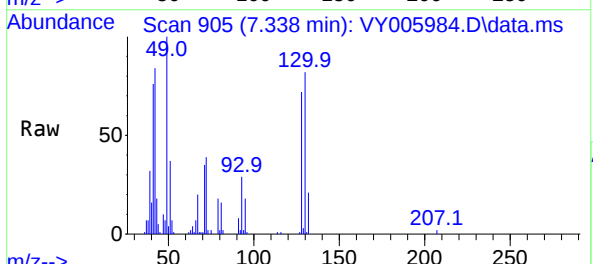
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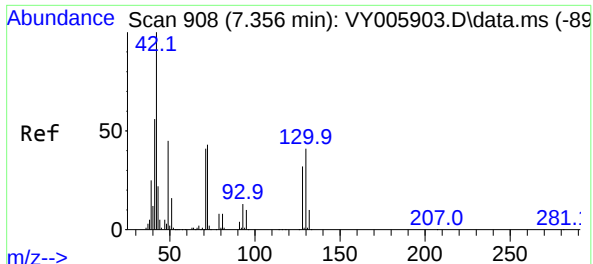
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#28  
Bromochloromethane  
Concen: 17.596 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 36618 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.0   | 0.0   | 4.4   |
| 130      | 87.4  | 66.6  | 99.8  |





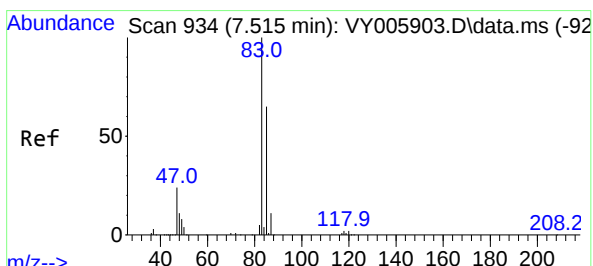
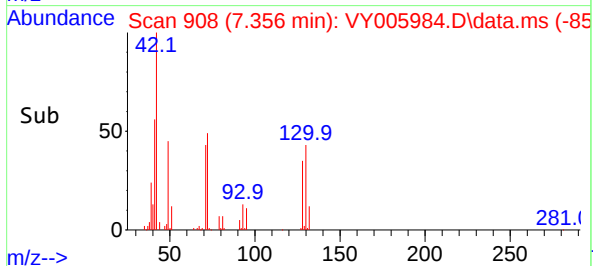
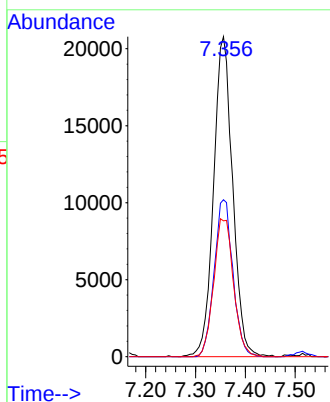
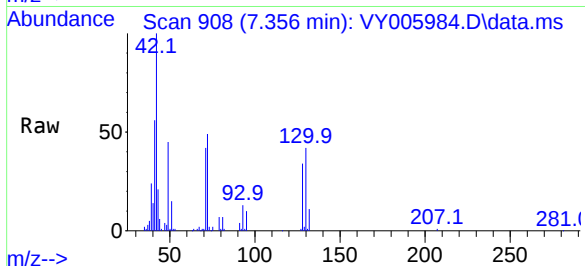
#29  
Tetrahydrofuran  
Concen: 77.705 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 55141 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 48.2  | 36.1  | 54.1  |
| 71       | 44.8  | 33.8  | 50.8  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

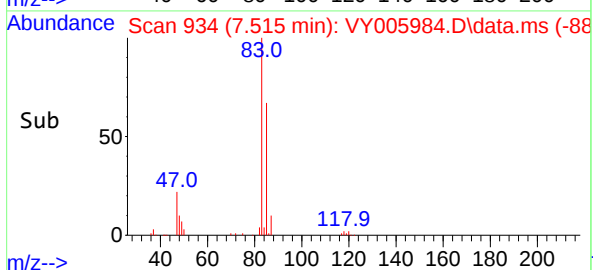
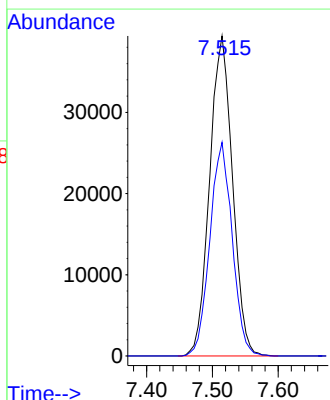
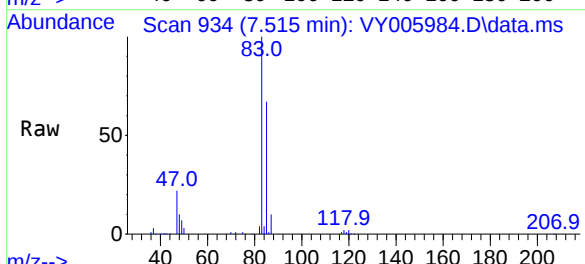
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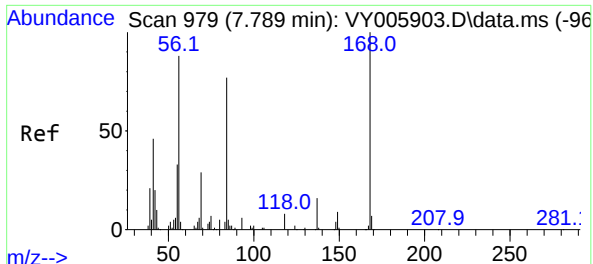
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#30  
Chloroform  
Concen: 18.435 ug/l  
RT: 7.515 min Scan# 934  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

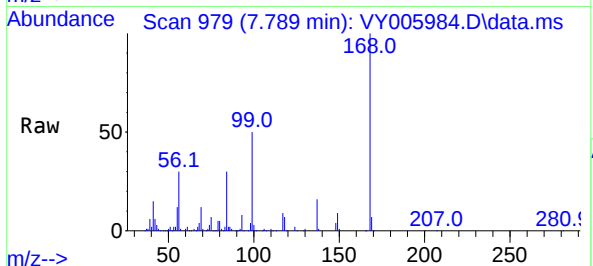
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 95497 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.7  | 51.6  | 77.4  |





#31  
Cyclohexane  
Concen: 18.245 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

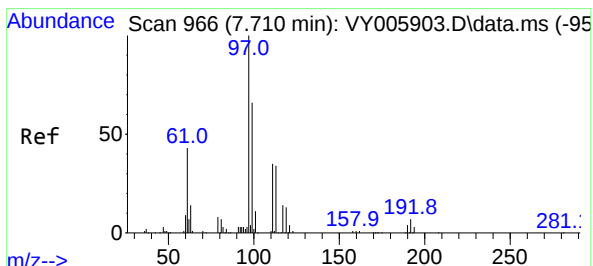
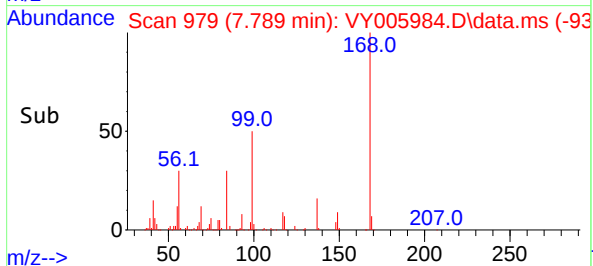
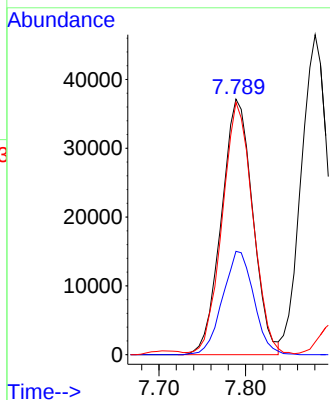
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01



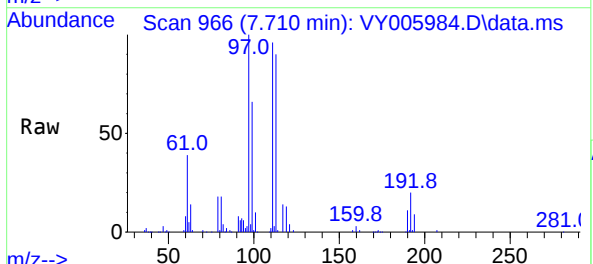
Tgt Ion: 56 Resp: 93561  
Ion Ratio Lower Upper  
56 100  
69 40.4 26.3 39.5#  
84 97.5 69.8 104.8

Manual Integrations  
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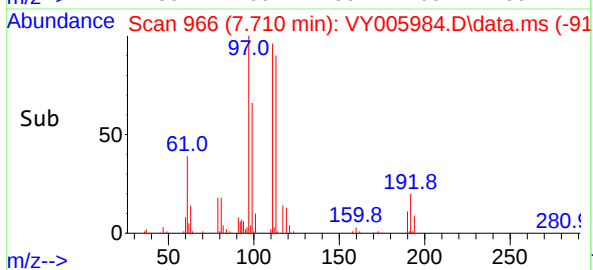
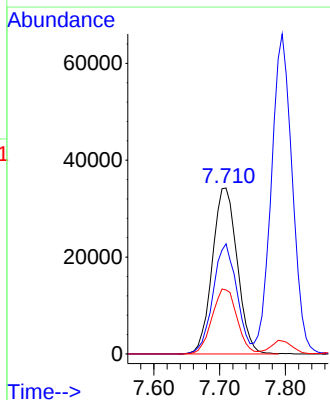
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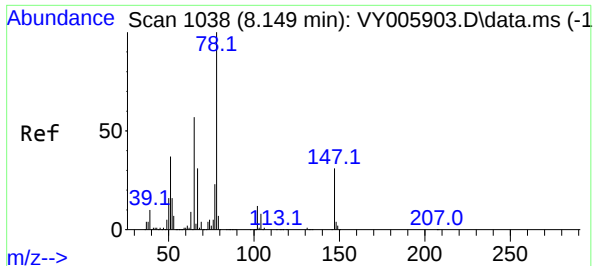


#32  
1,1,1-Trichloroethane  
Concen: 18.721 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



Tgt Ion: 97 Resp: 90294  
Ion Ratio Lower Upper  
97 100  
99 63.4 52.1 78.1  
61 39.4 34.3 51.5





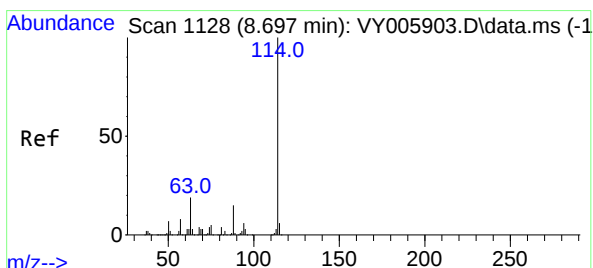
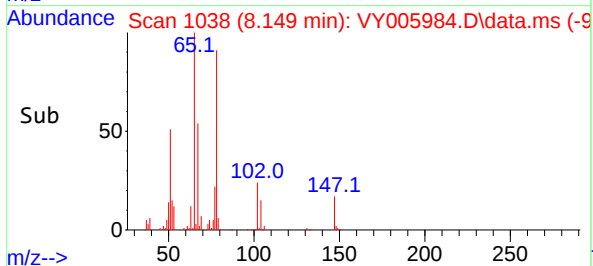
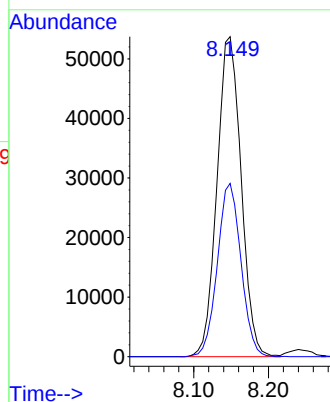
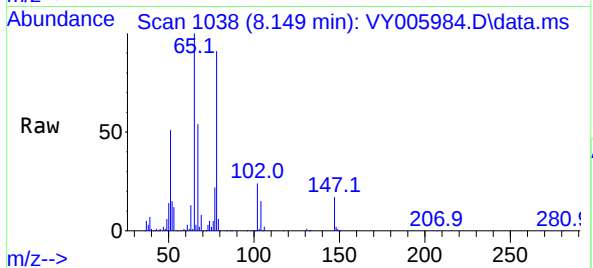
#33  
1,2-Dichloroethane-d4  
Concen: 39.668 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 65 Resp: 120607  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 105.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

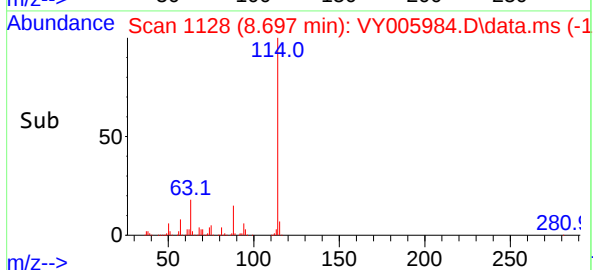
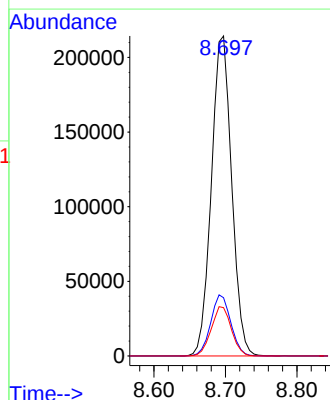
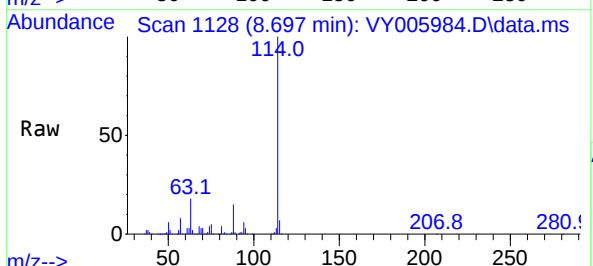
Manual Integrations  
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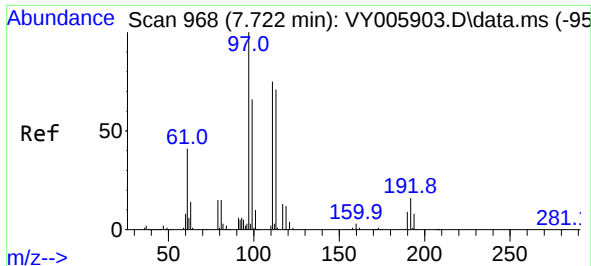
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#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

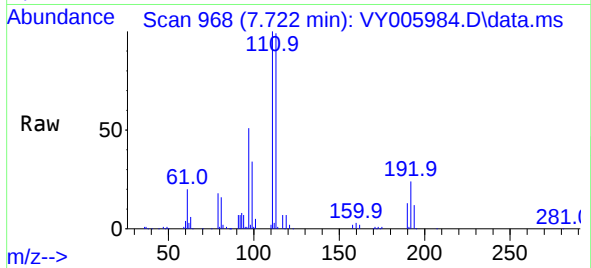
Tgt Ion:114 Resp: 422387  
Ion Ratio Lower Upper  
114 100  
63 18.2 0.0 38.4  
88 15.1 0.0 30.0





#35  
Dibromofluoromethane  
Concen: 48.049 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

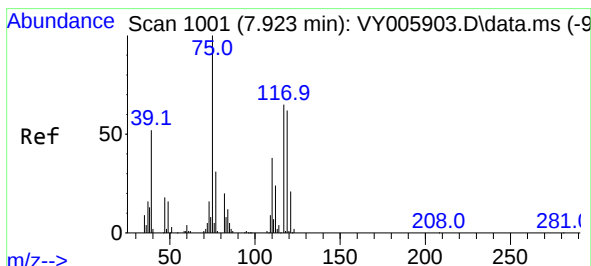
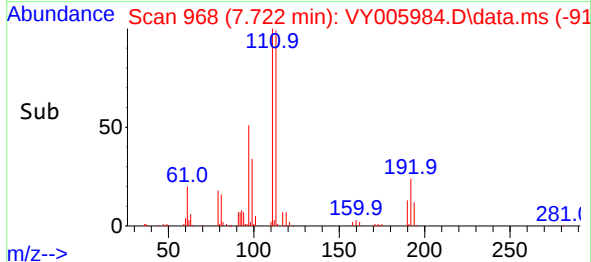
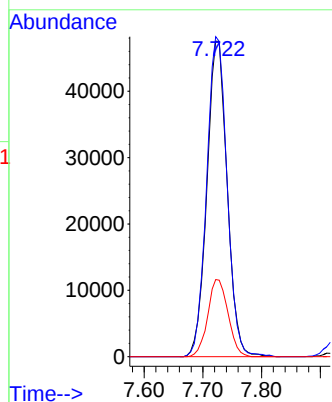
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01



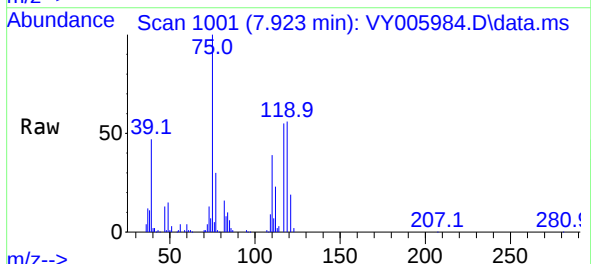
Tgt Ion: 113 Resp: 113977  
Ion Ratio Lower Upper  
113 100  
111 102.3 81.9 122.9  
192 24.4 19.4 29.0

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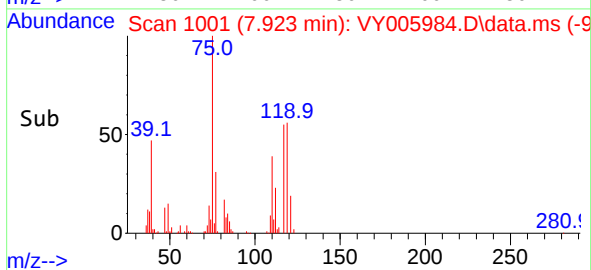
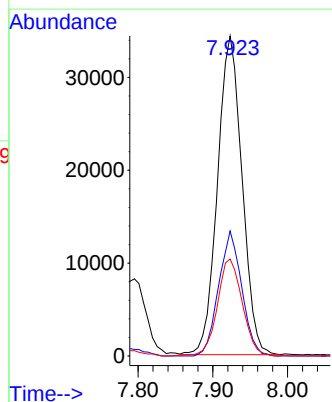
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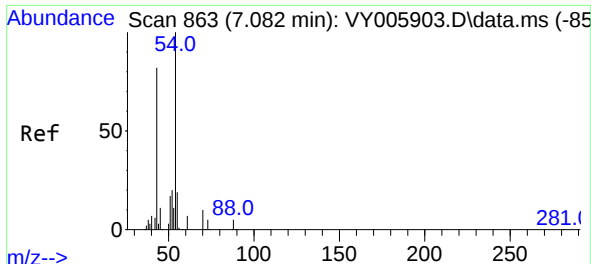


#36  
1,1-Dichloropropene  
Concen: 19.731 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



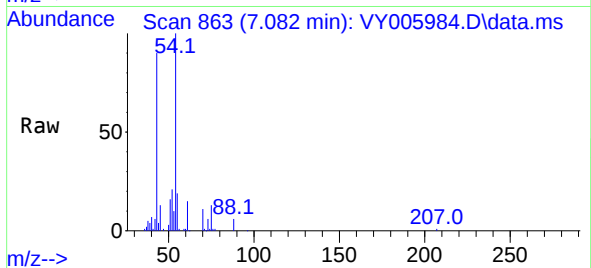
Tgt Ion: 75 Resp: 78467  
Ion Ratio Lower Upper  
75 100  
110 36.9 18.1 54.3  
77 30.8 24.9 37.3





#37  
Ethyl Acetate  
Concen: 16.205 ug/l  
RT: 7.082 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

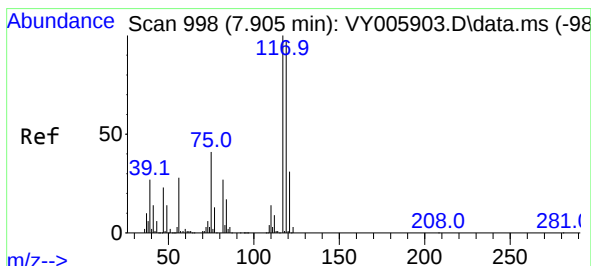
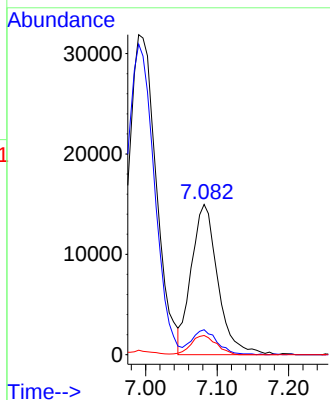
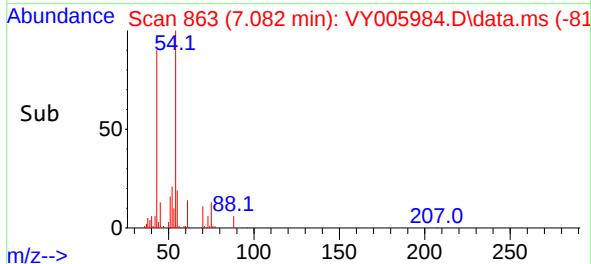
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01



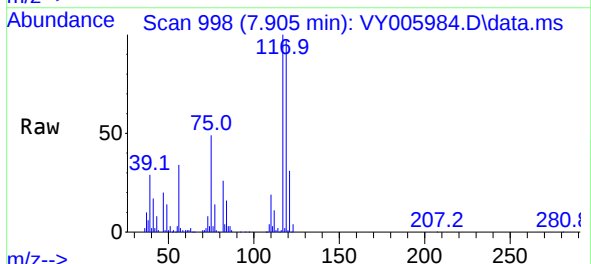
Tgt Ion: 43 Resp: 38595  
Ion Ratio Lower Upper  
43 100  
61 15.9 11.2 16.8  
70 12.2 8.3 12.5

Manual Integrations  
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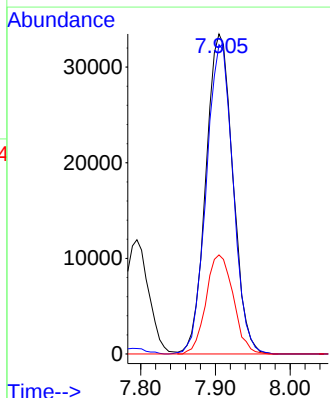
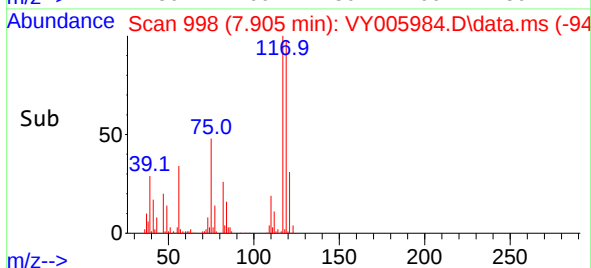
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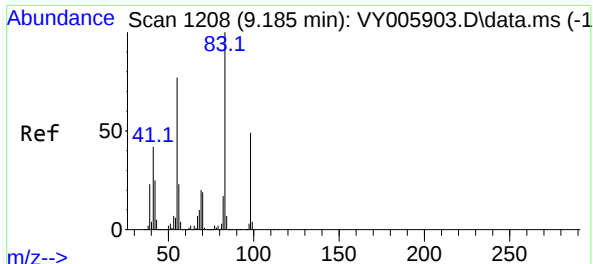


#38  
Carbon Tetrachloride  
Concen: 19.473 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



Tgt Ion: 117 Resp: 83942  
Ion Ratio Lower Upper  
117 100  
119 96.6 77.5 116.3  
121 31.0 25.0 37.6





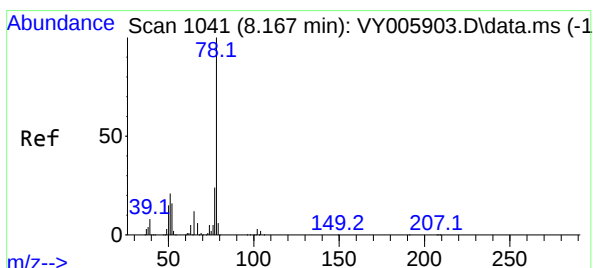
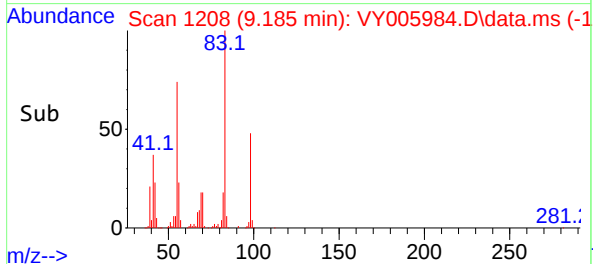
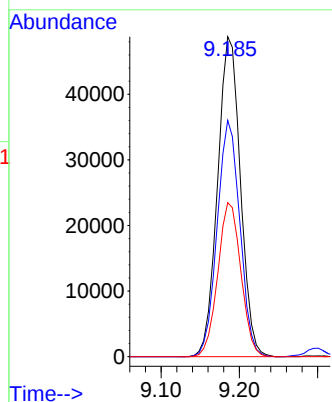
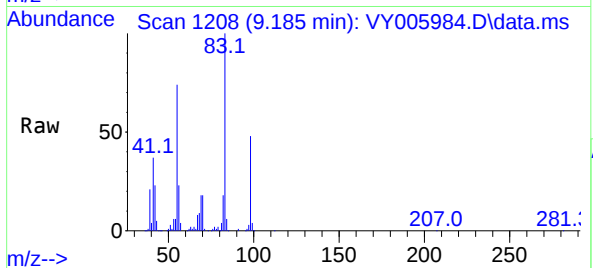
#39  
Methylcyclohexane  
Concen: 19.608 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 98767 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 73.9  | 61.4  | 92.2  |
| 98       | 48.1  | 39.4  | 59.2  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

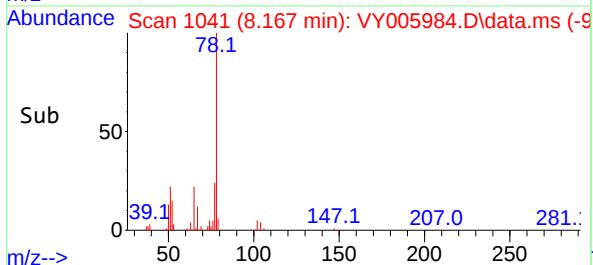
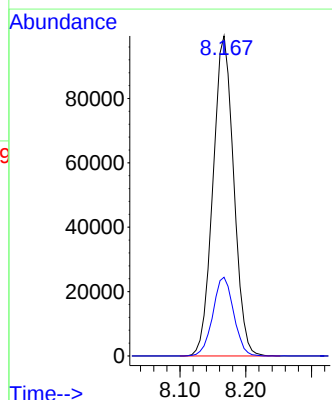
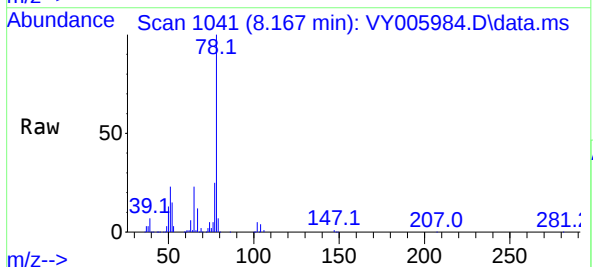
Manual Integrations  
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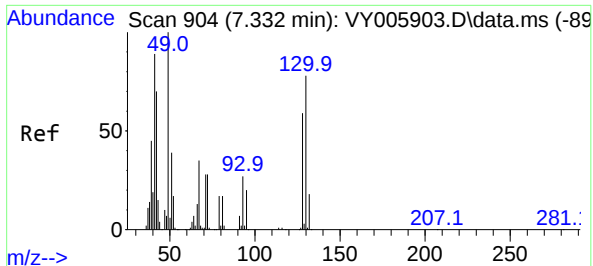
MMDadoda  
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#40  
Benzene  
Concen: 19.407 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 218046 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.6  | 19.3  | 28.9   |





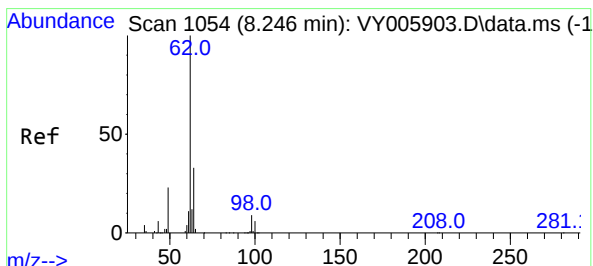
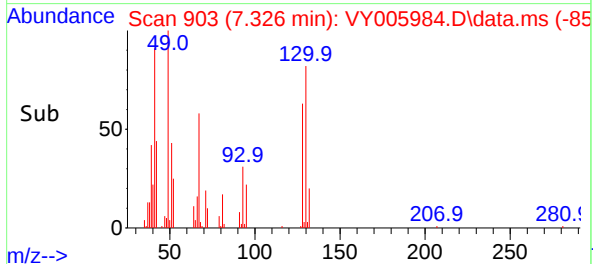
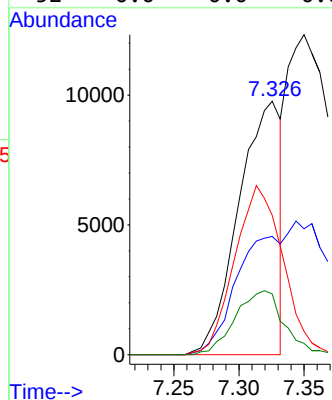
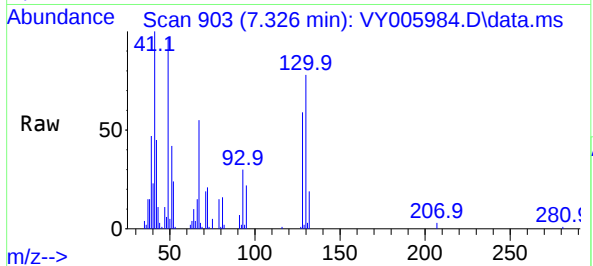
#41  
Methacrylonitrile  
Concen: 16.747 ug/l m  
RT: 7.326 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 22212 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 107.6 | 91.1  | 136.7 |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

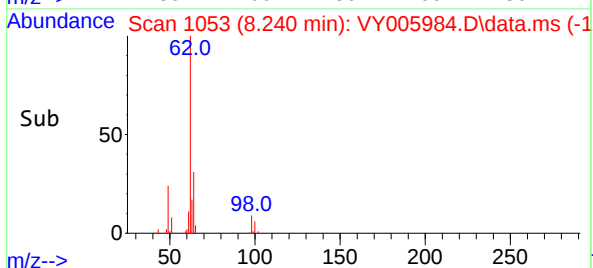
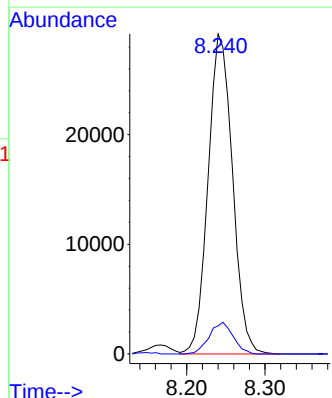
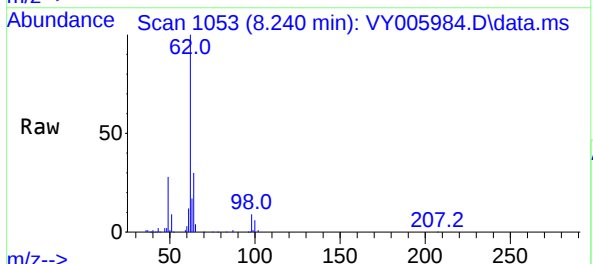
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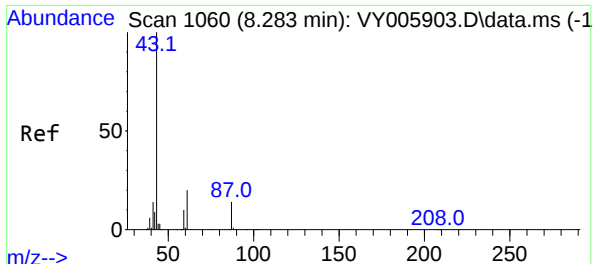
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 17.302 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 63145 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.7   | 0.0   | 18.0  |





#43

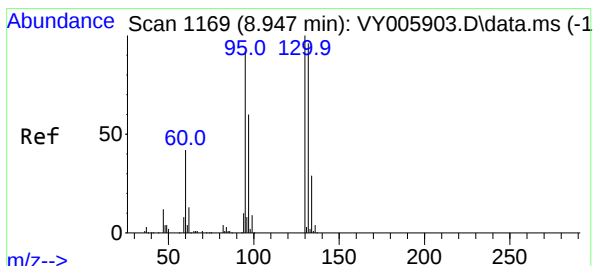
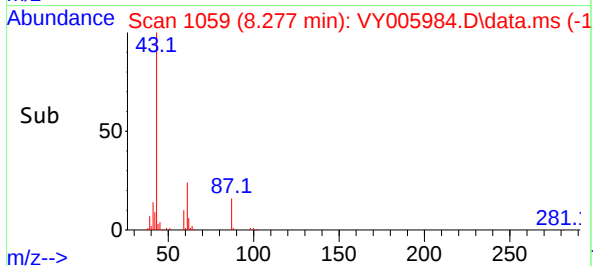
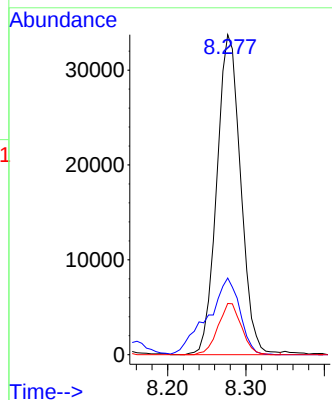
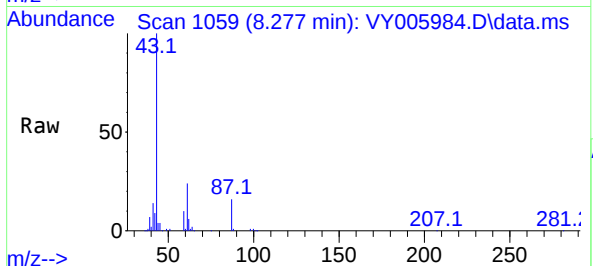
Isopropyl Acetate  
Concen: 16.510 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. -0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 43 Resp: 71420  
Ion Ratio Lower Upper  
43 100  
61 32.4 23.0 34.6  
87 15.7 11.0 16.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

Manual Integrations  
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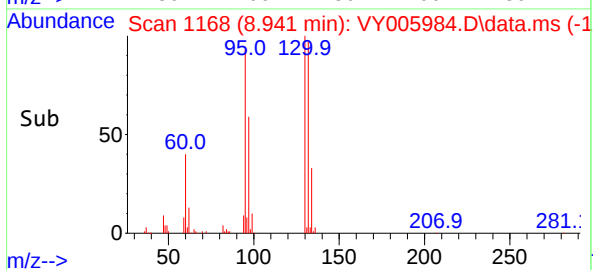
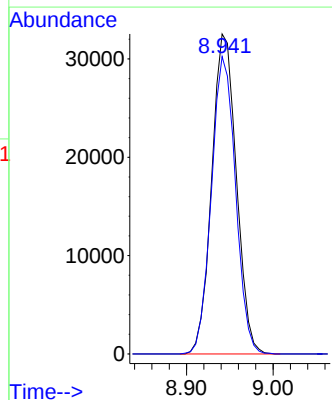
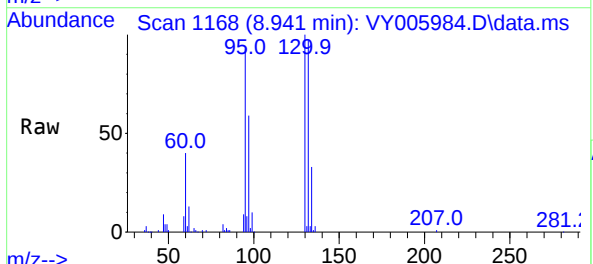
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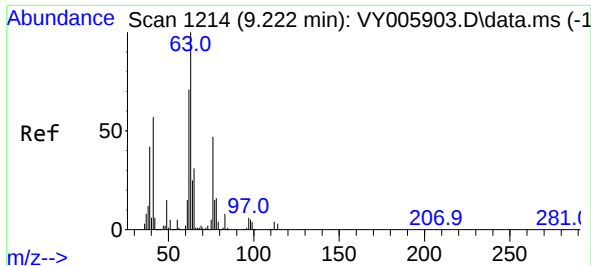


#44

Trichloroethene  
Concen: 20.380 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion:130 Resp: 64216  
Ion Ratio Lower Upper  
130 100  
95 93.0 0.0 183.0





#45

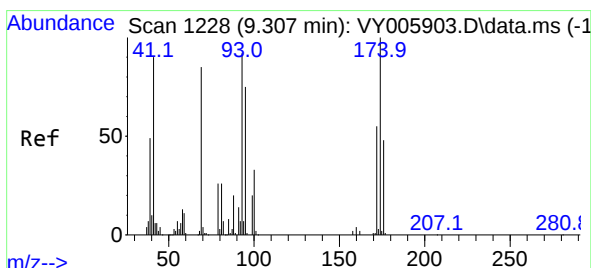
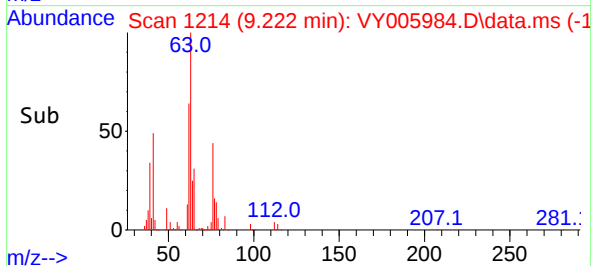
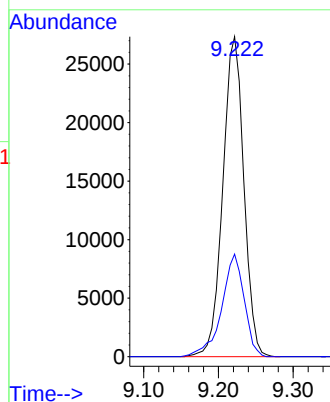
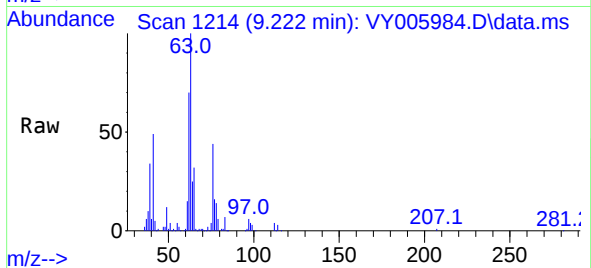
1,2-Dichloropropane  
Concen: 19.392 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 63 Resp: 53461  
Ion Ratio Lower Upper  
63 100  
65 32.1 25.1 37.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

Manual Integrations  
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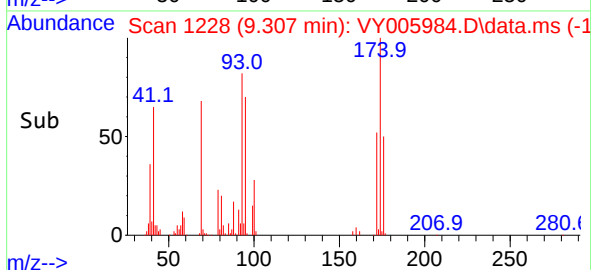
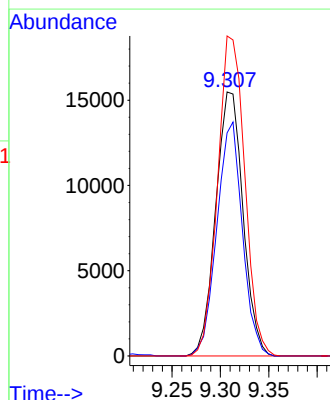
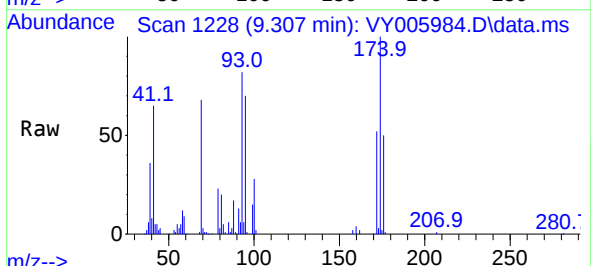
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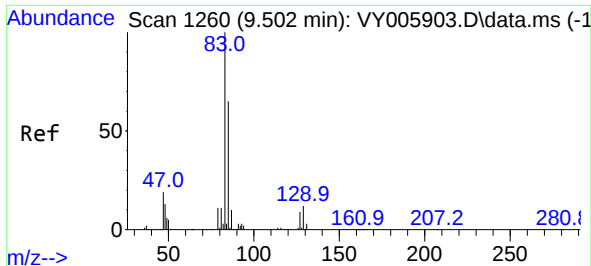


#46

Dibromomethane  
Concen: 19.146 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 93 Resp: 30376  
Ion Ratio Lower Upper  
93 100  
95 82.9 65.5 98.3  
174 120.5 93.0 139.6





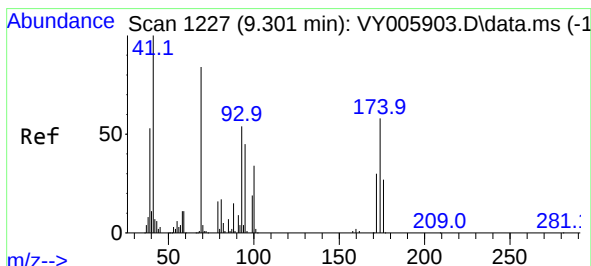
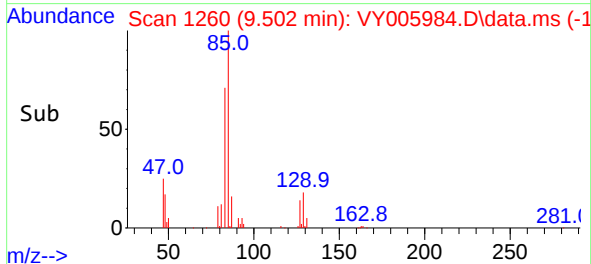
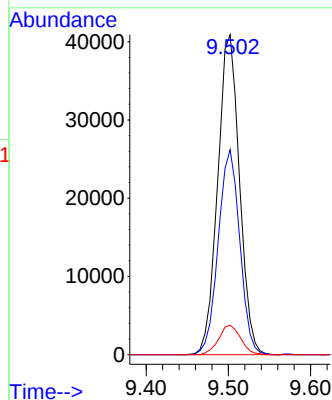
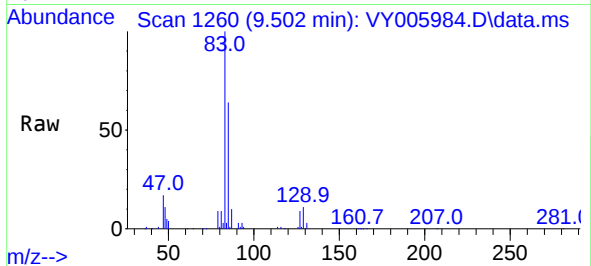
#47  
Bromodichloromethane  
Concen: 19.555 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 75398 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.1  | 51.8  | 77.8  |
| 127      | 9.2   | 7.3   | 10.9  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

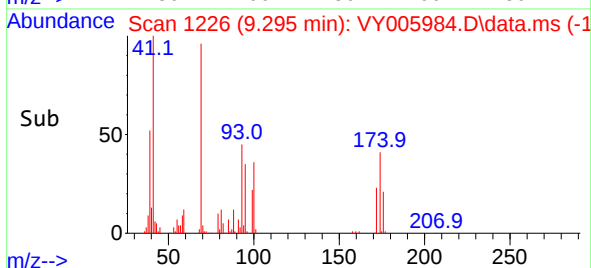
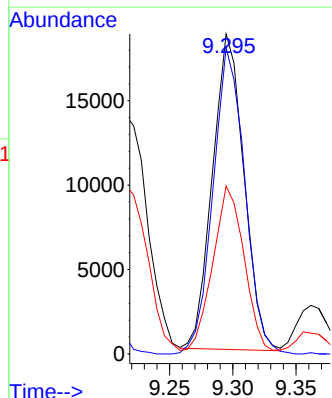
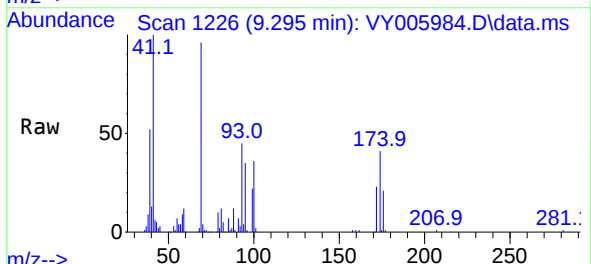
Manual Integrations  
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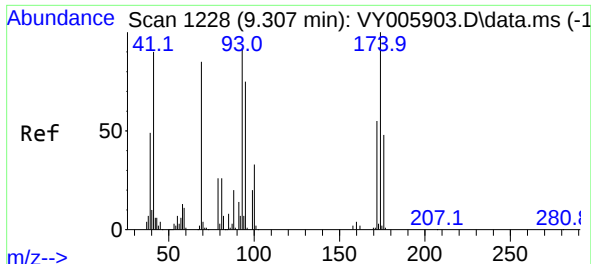
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#48  
Methyl methacrylate  
Concen: 16.232 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 32274 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 98.0  | 69.3  | 103.9 |
| 39       | 54.0  | 44.2  | 66.4  |





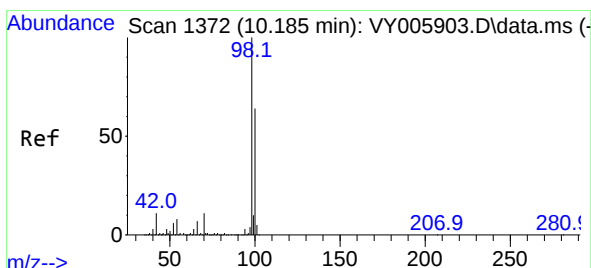
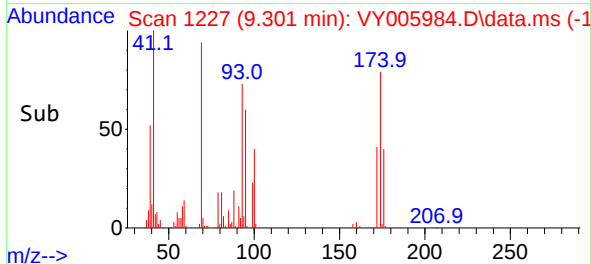
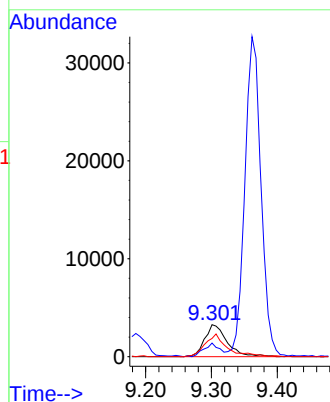
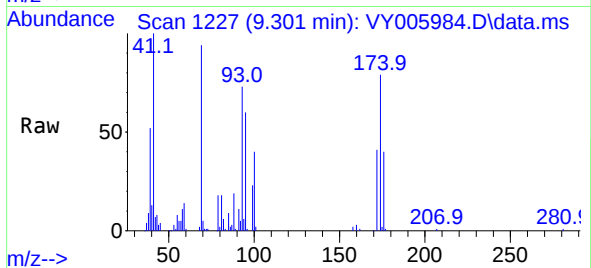
#49  
1,4-Dioxane  
Concen: 355.063 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 88 Resp: 7758  
Ion Ratio Lower Upper  
88 100  
43 29.3 26.6 39.8  
58 70.8 53.4 80.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

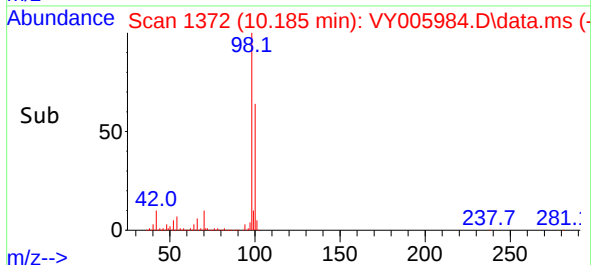
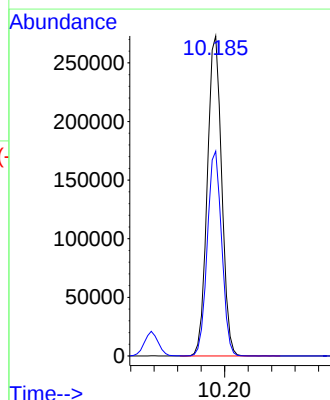
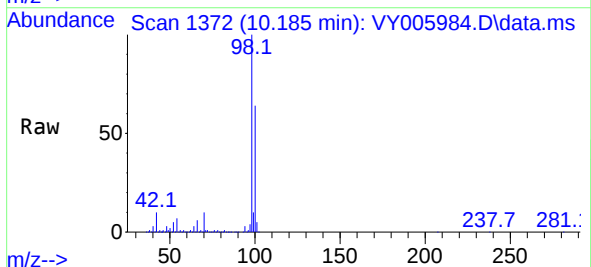
Manual Integrations  
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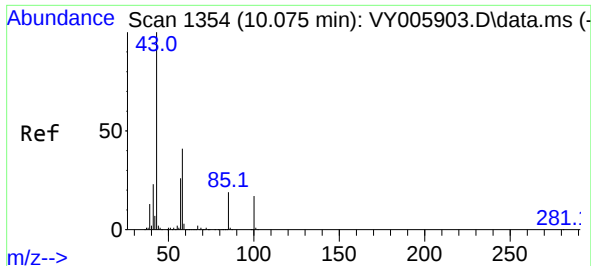
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#50  
Toluene-d8  
Concen: 46.552 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 98 Resp: 463448  
Ion Ratio Lower Upper  
98 100  
100 64.0 50.9 76.3





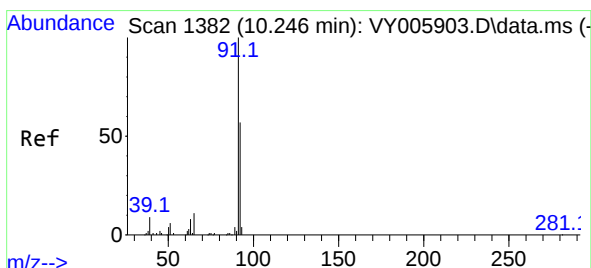
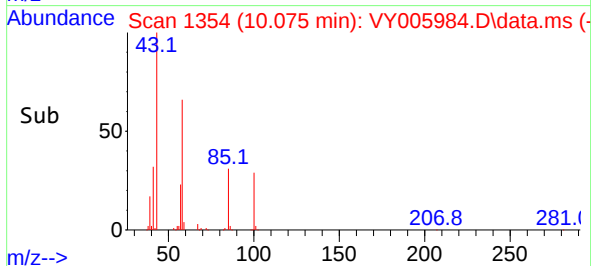
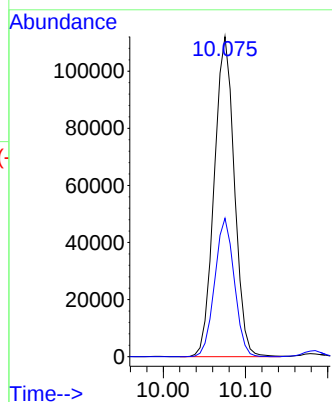
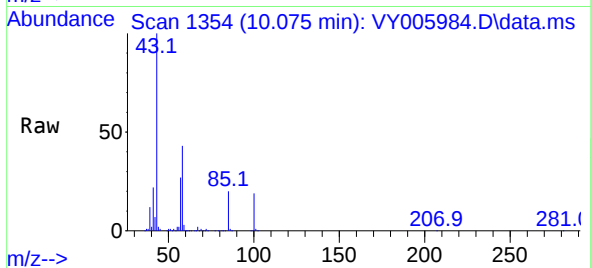
#51  
4-Methyl-2-Pentanone  
Concen: 81.855 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 43 Resp: 190789  
Ion Ratio Lower Upper  
43 100  
58 42.0 31.8 47.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

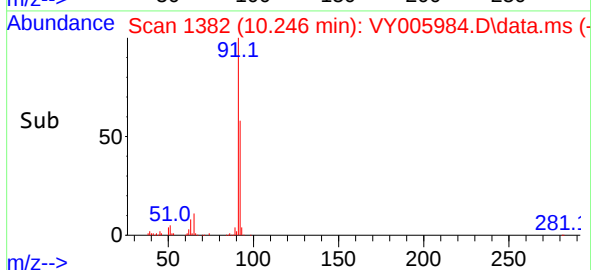
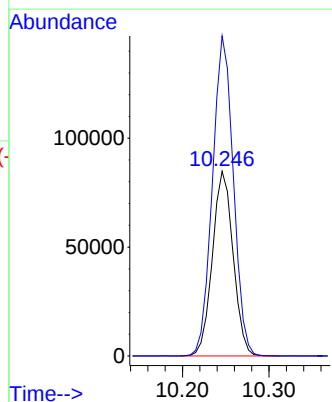
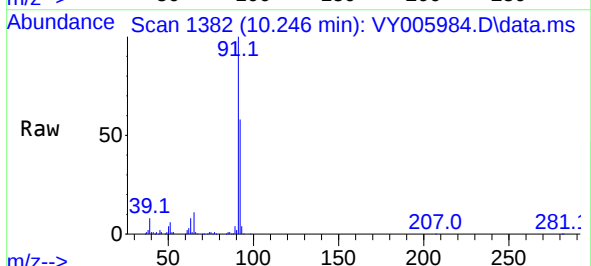
Manual Integrations  
APPROVED

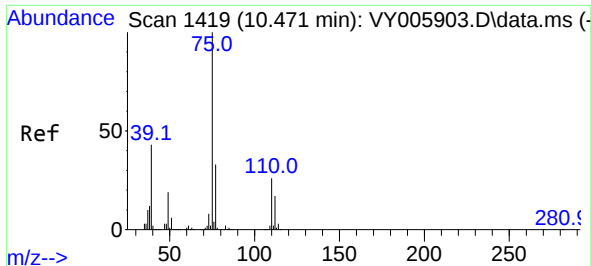
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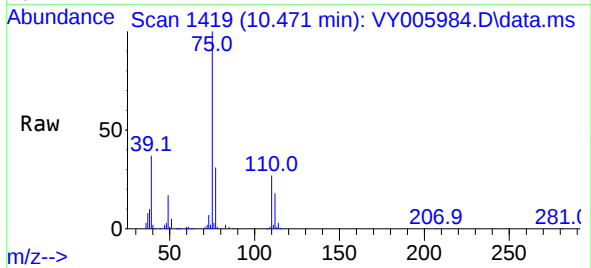
#52  
Toluene  
Concen: 19.457 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 92 Resp: 140891  
Ion Ratio Lower Upper  
92 100  
91 174.8 138.4 207.6

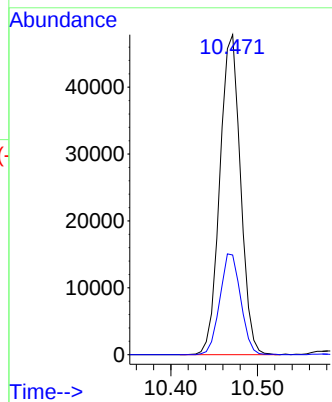
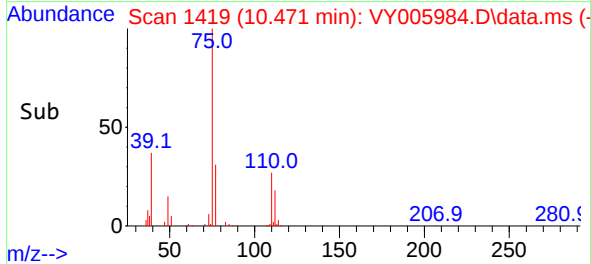




#53  
t-1,3-Dichloropropene  
Concen: 18.540 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



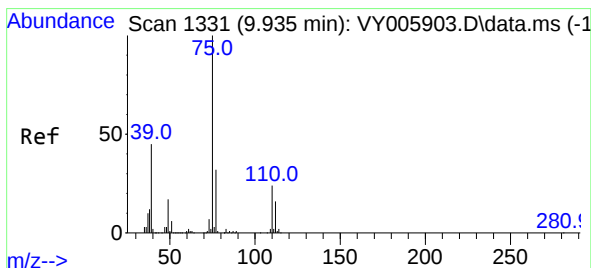
Tgt Ion: 75 Resp: 79264  
Ion Ratio Lower Upper  
75 100  
77 31.1 26.2 39.2



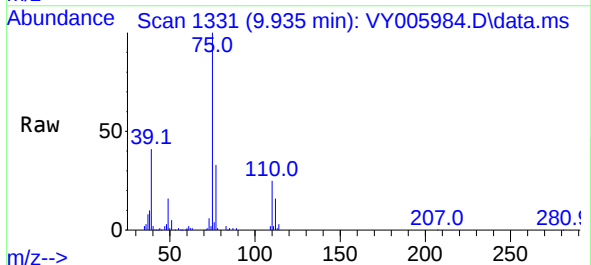
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

Manual Integrations  
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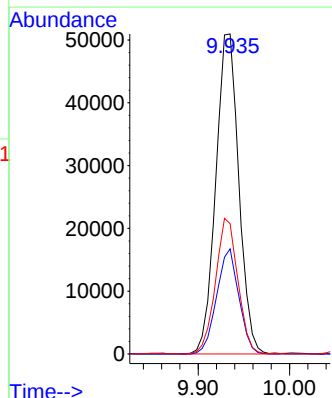
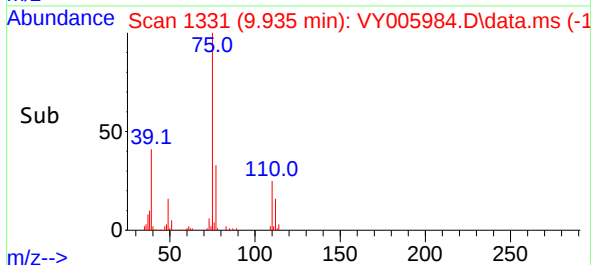
MMDadoda  
9/13/2021 7:35:09 PM

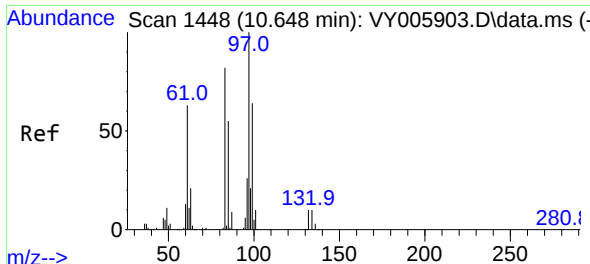


#54  
cis-1,3-Dichloropropene  
Concen: 19.028 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



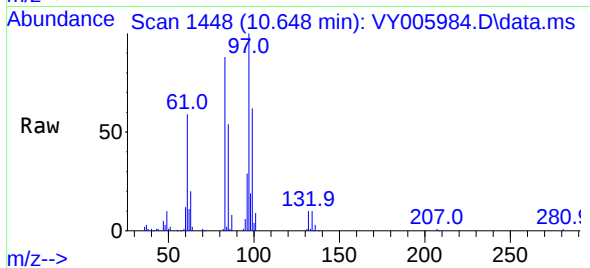
Tgt Ion: 75 Resp: 89257  
Ion Ratio Lower Upper  
75 100  
77 32.9 25.4 38.0  
39 40.7 36.2 54.2





#55  
1,1,2-Trichloroethane  
Concen: 19.688 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

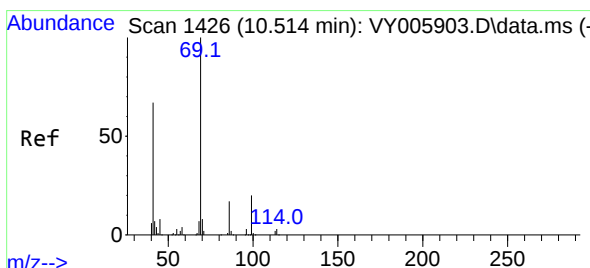
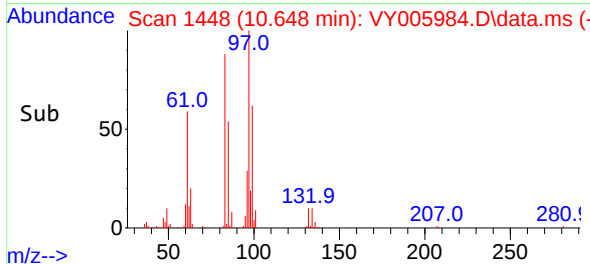
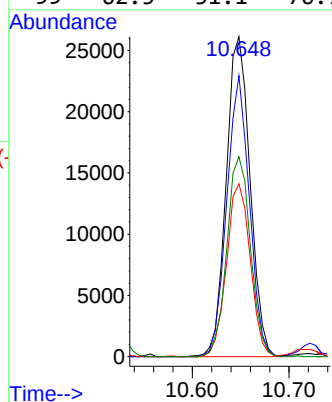


Tgt Ion: 97 Resp: 44738

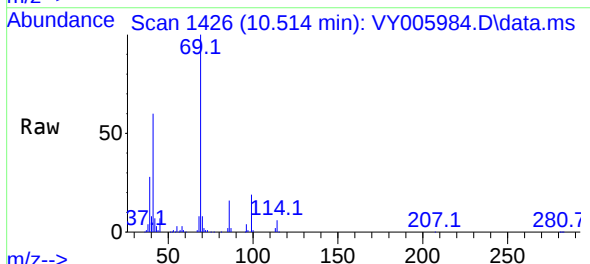
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.8  | 65.9  | 98.9  |
| 85  | 54.0  | 44.2  | 66.4  |
| 99  | 62.5  | 51.1  | 76.7  |

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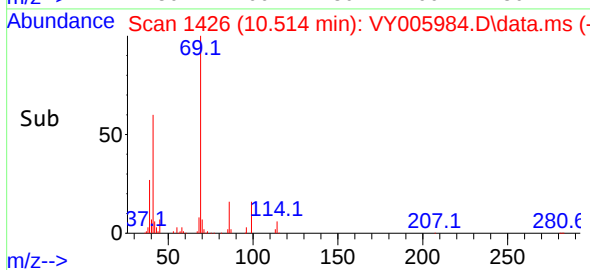
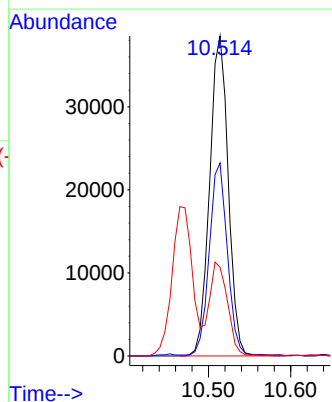


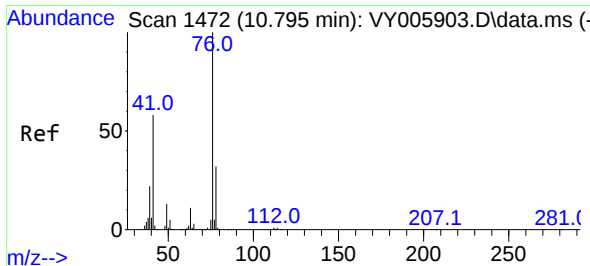
#56  
Ethyl methacrylate  
Concen: 18.417 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



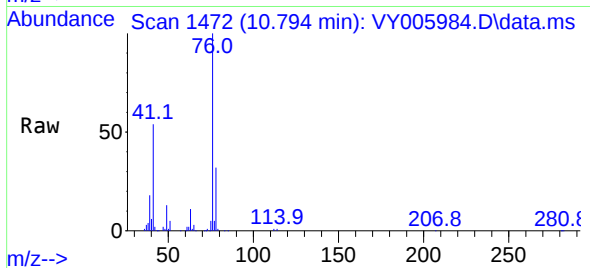
Tgt Ion: 69 Resp: 60577

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 58.2  | 53.4  | 80.0  |
| 39  | 29.2  | 28.0  | 42.0  |

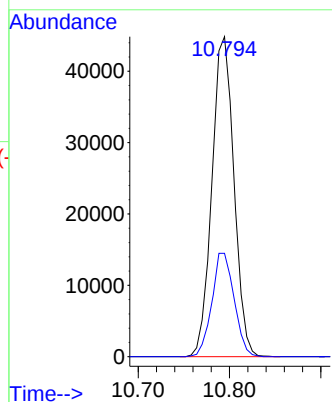
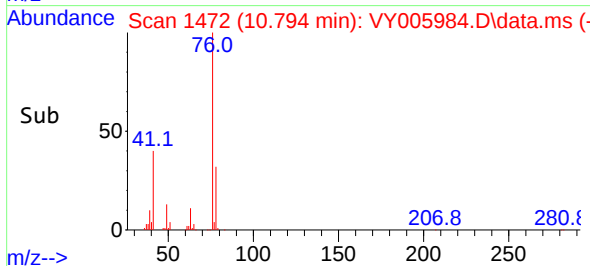




#57  
1,3-Dichloropropane  
Concen: 19.036 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



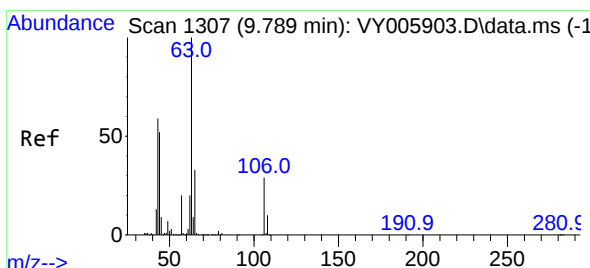
Tgt Ion: 76 Resp: 74993  
Ion Ratio Lower Upper  
76 100  
78 32.8 26.2 39.2



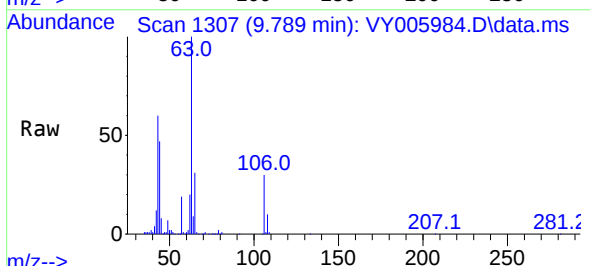
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

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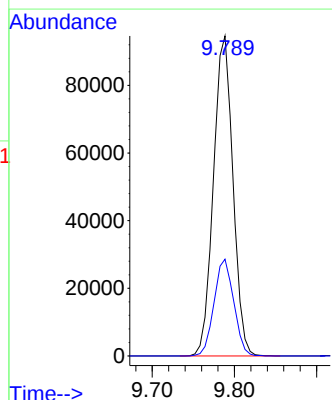
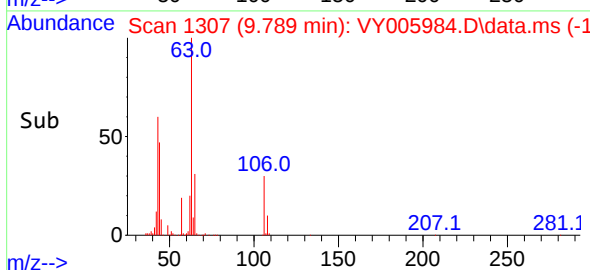
MMDadoda  
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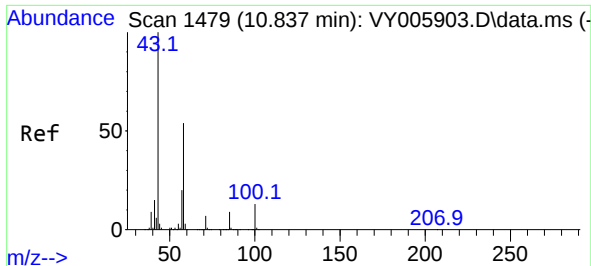


#58  
2-Chloroethyl Vinyl ether  
Concen: 91.772 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



Tgt Ion: 63 Resp: 155810  
Ion Ratio Lower Upper  
63 100  
106 30.5 23.6 35.4





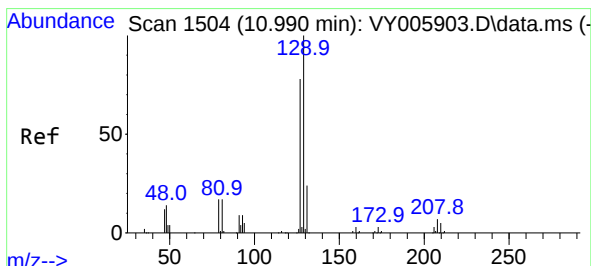
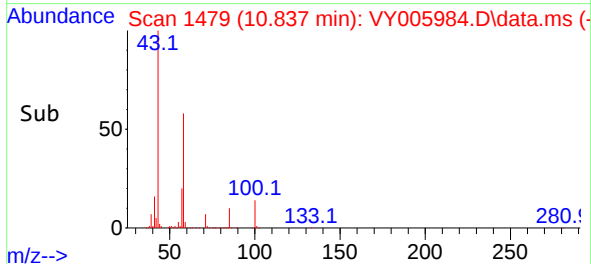
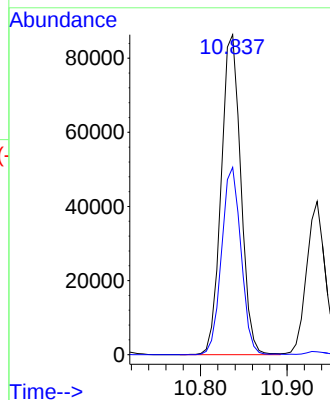
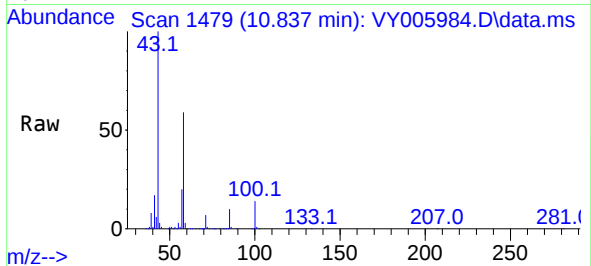
#59  
2-Hexanone  
Concen: 83.419 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 43 Resp: 135838  
Ion Ratio Lower Upper  
43 100  
58 58.0 27.3 81.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

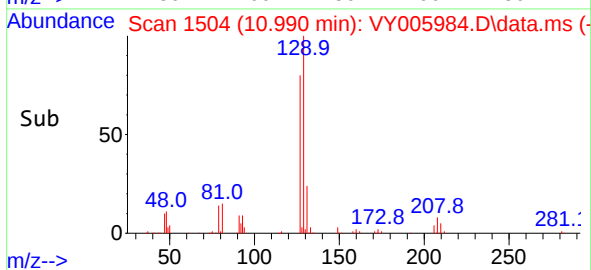
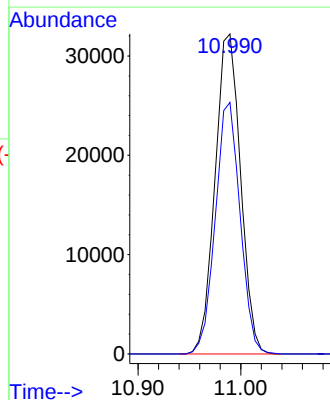
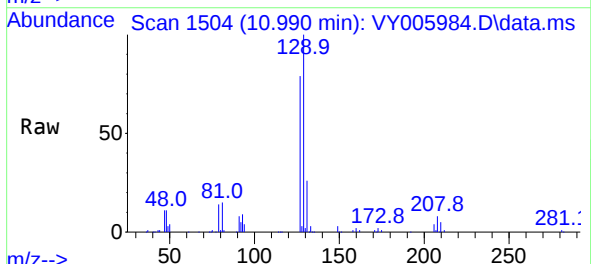
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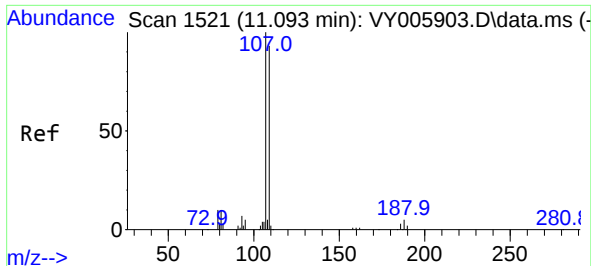
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#60  
Dibromochloromethane  
Concen: 19.950 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

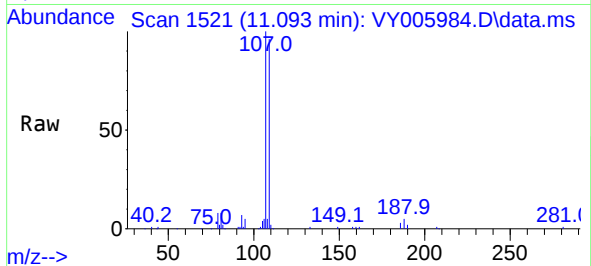
Tgt Ion: 129 Resp: 55659  
Ion Ratio Lower Upper  
129 100  
127 76.3 38.8 116.4





#61  
1,2-Dibromoethane  
Concen: 19.694 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

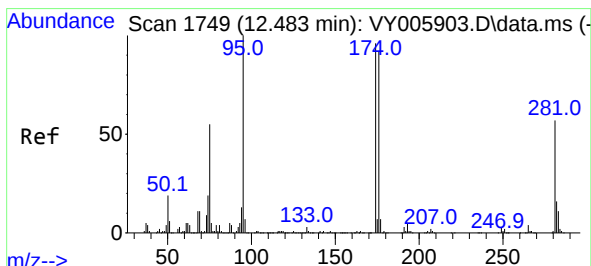
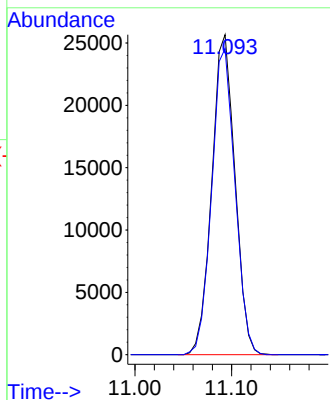
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01



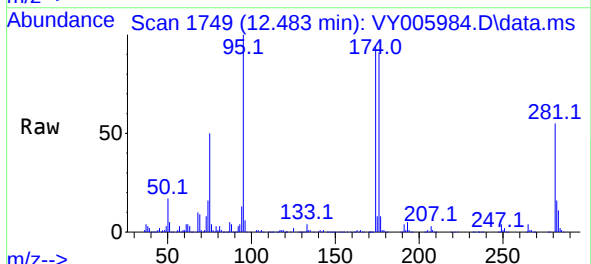
Tgt Ion:107 Resp: 42630  
Ion Ratio Lower Upper  
107 100  
109 96.1 75.1 112.7

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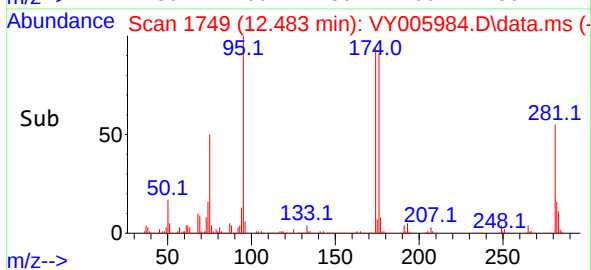
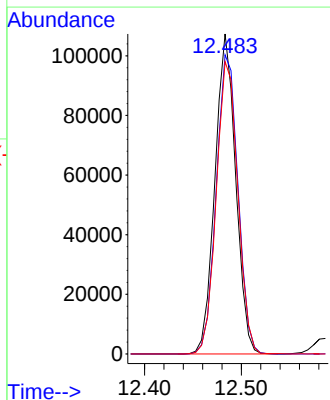
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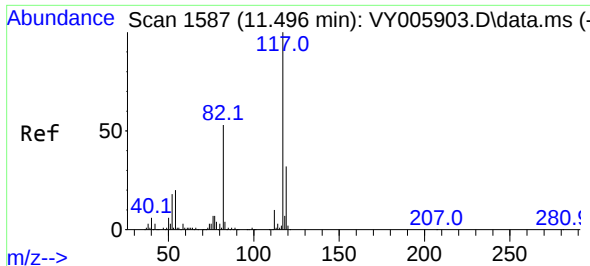


#62  
4-Bromofluorobenzene  
Concen: 47.791 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

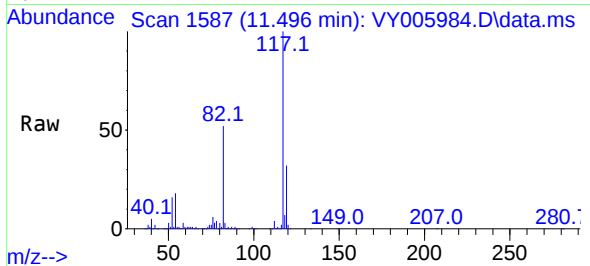


Tgt Ion: 95 Resp: 159757  
Ion Ratio Lower Upper  
95 100  
174 97.6 0.0 192.4  
176 94.8 0.0 186.8

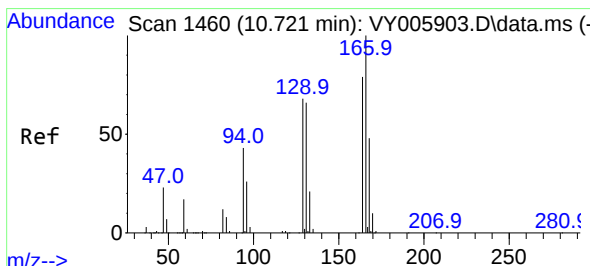
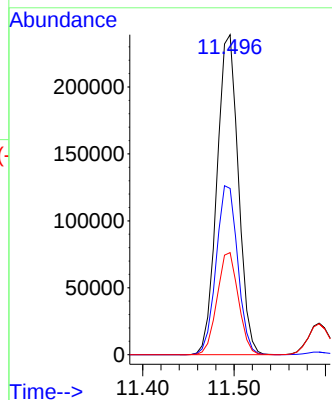
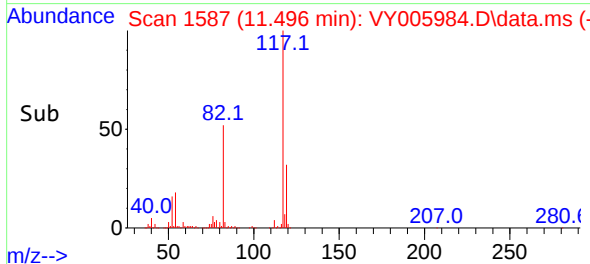




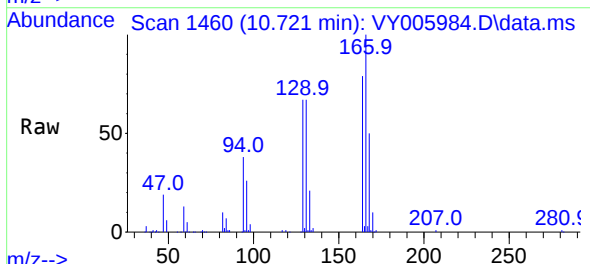
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



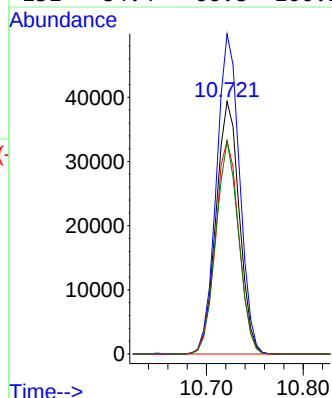
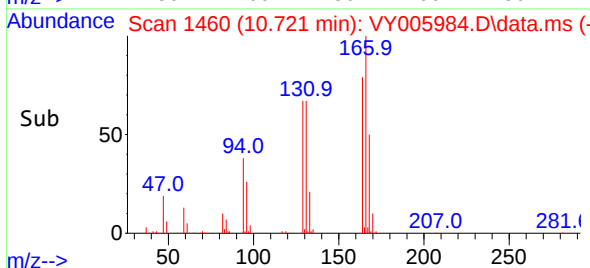
Tgt Ion:117 Resp: 388904  
Ion Ratio Lower Upper  
117 100  
82 52.0 42.4 63.6  
119 31.9 25.4 38.0



#64  
Tetrachloroethene  
Concen: 20.625 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



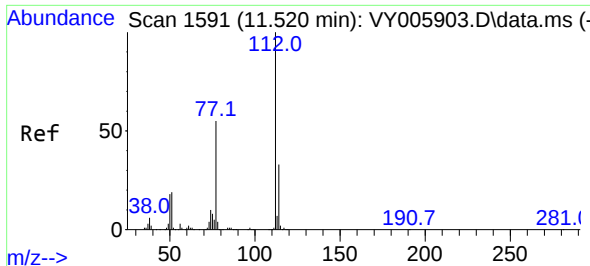
Tgt Ion:164 Resp: 65676  
Ion Ratio Lower Upper  
164 100  
166 126.8 101.8 152.8  
129 84.5 68.7 103.1  
131 84.4 66.8 100.2



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

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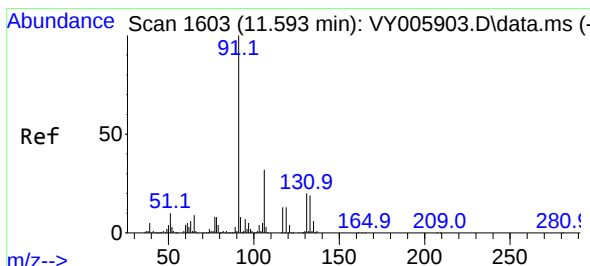
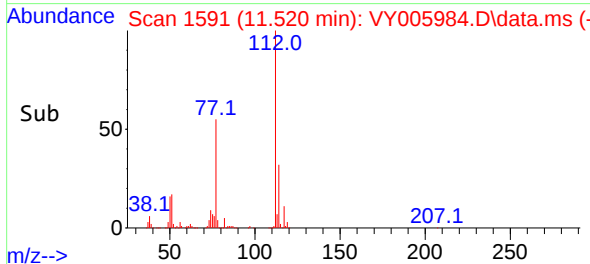
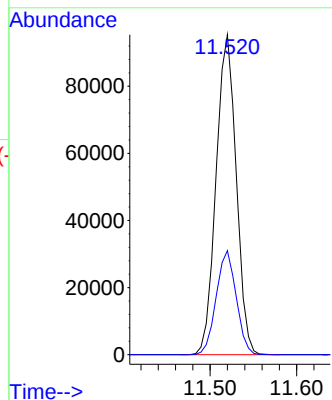
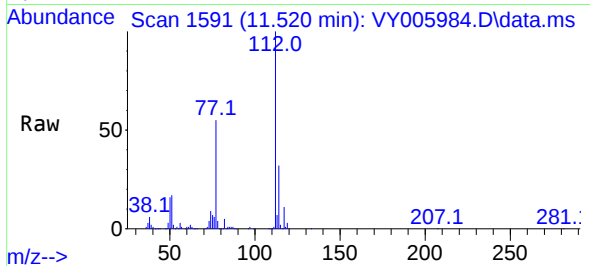
#65  
Chlorobenzene  
Concen: 19.728 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

Tgt Ion:112 Resp: 153943  
Ion Ratio Lower Upper  
112 100  
114 32.5 26.2 39.2

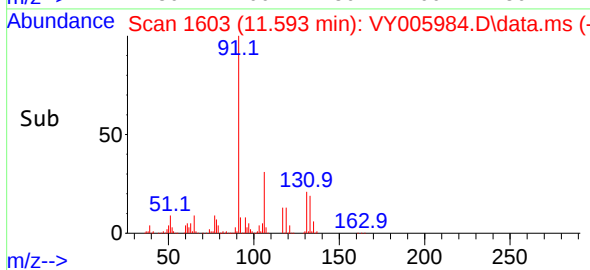
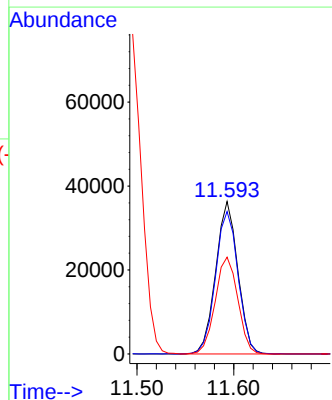
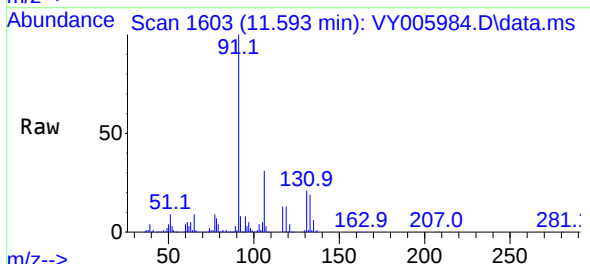
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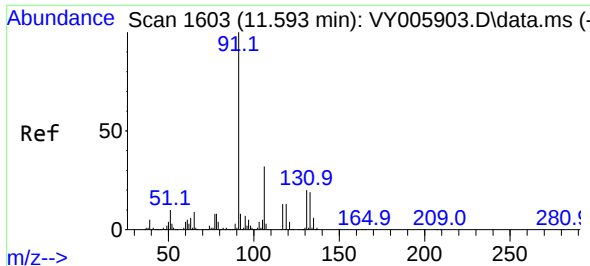
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.734 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

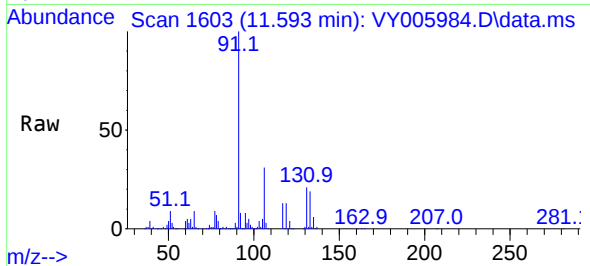
Tgt Ion:131 Resp: 57648  
Ion Ratio Lower Upper  
131 100  
133 95.5 48.6 145.8  
119 64.9 31.5 94.5





#67  
Ethyl Benzene  
Concen: 19.614 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

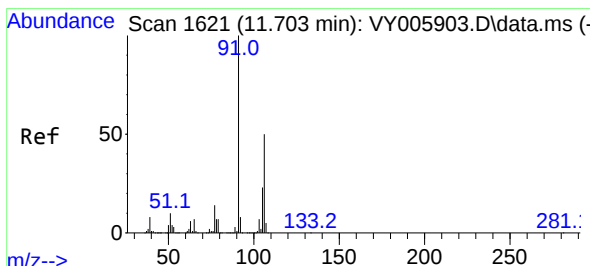
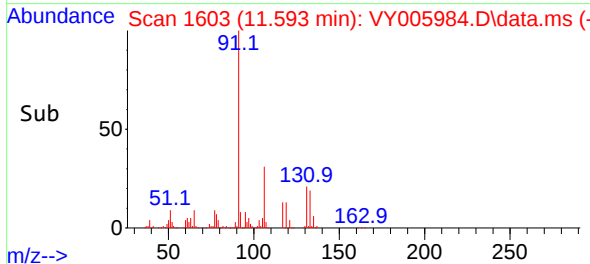
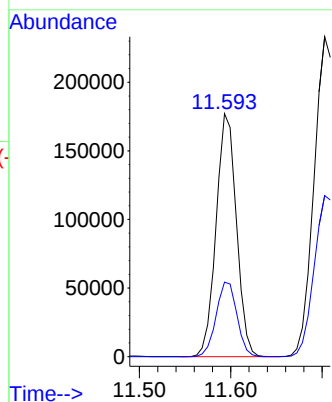
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01



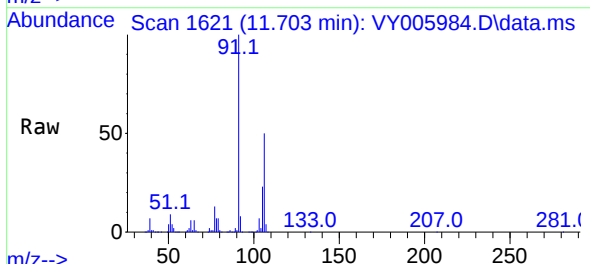
Tgt Ion: 91 Resp: 273609  
Ion Ratio Lower Upper  
91 100  
106 30.7 25.5 38.3

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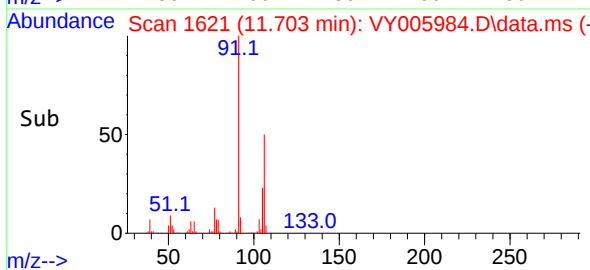
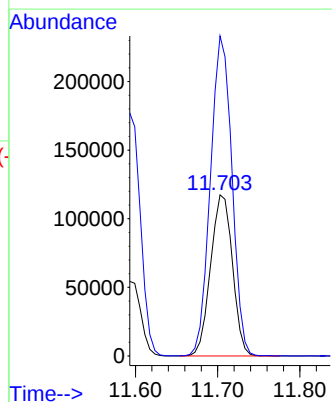
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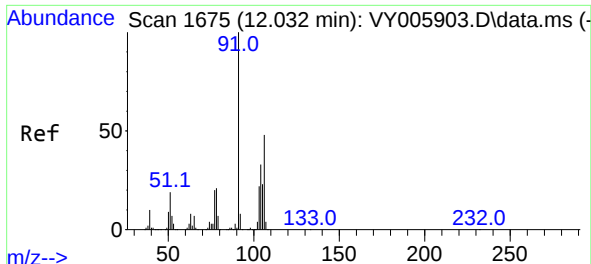


#68  
m/p-Xylenes  
Concen: 39.385 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



Tgt Ion: 106 Resp: 216650  
Ion Ratio Lower Upper  
106 100  
91 195.5 158.4 237.6





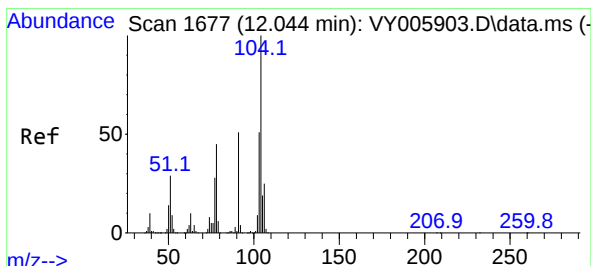
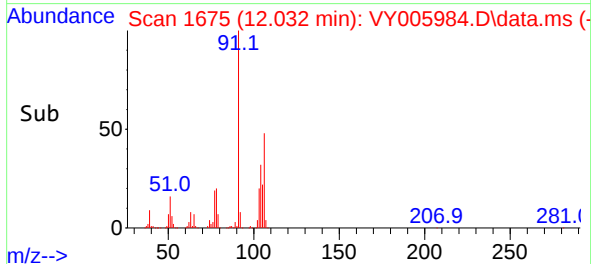
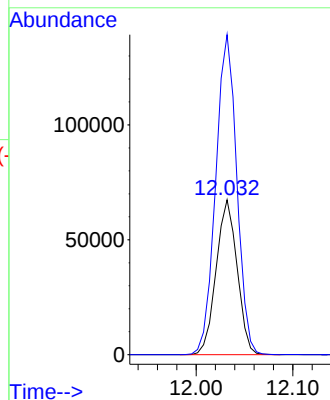
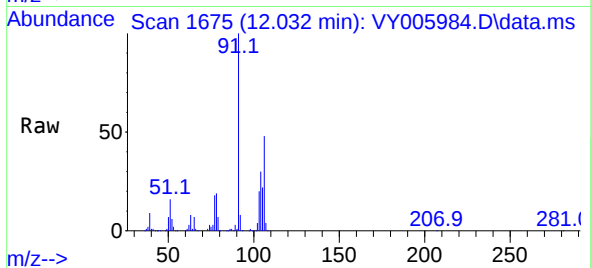
#69  
o-Xylene  
Concen: 19.641 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion:106 Resp: 101435  
Ion Ratio Lower Upper  
106 100  
91 207.9 105.8 317.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

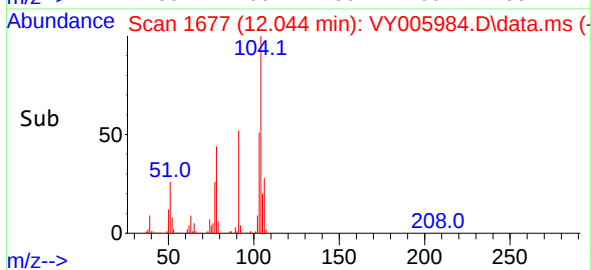
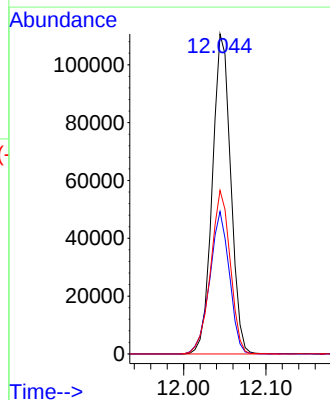
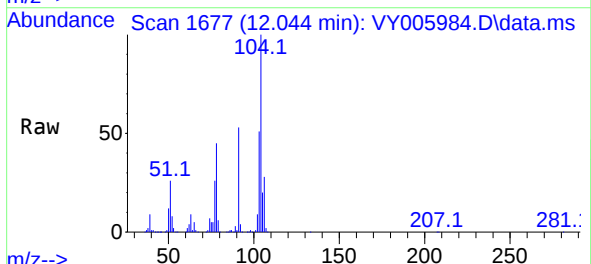
Manual Integrations  
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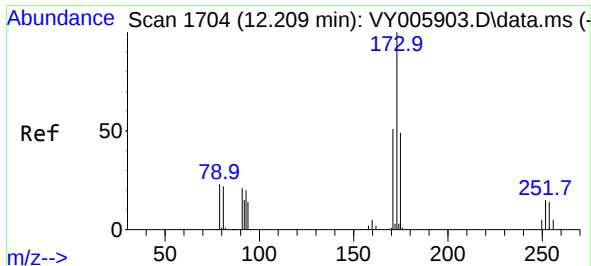
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#70  
Styrene  
Concen: 19.525 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion:104 Resp: 172001  
Ion Ratio Lower Upper  
104 100  
78 47.5 39.6 59.4  
103 54.5 44.1 66.1





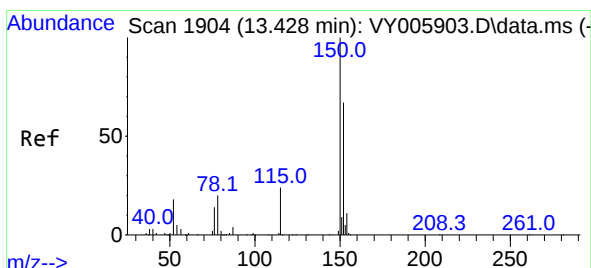
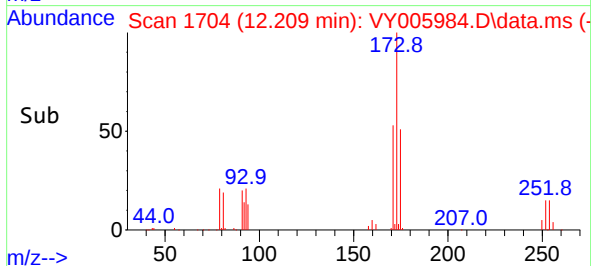
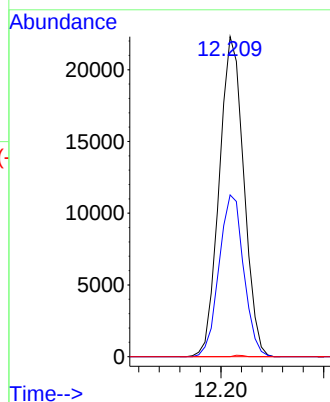
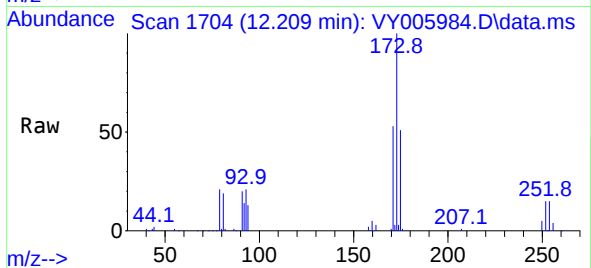
#71  
Bromoform  
Concen: 19.206 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion:173 Resp: 36989  
Ion Ratio Lower Upper  
173 100  
175 50.7 24.5 73.5  
254 0.2 0.1 0.1#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

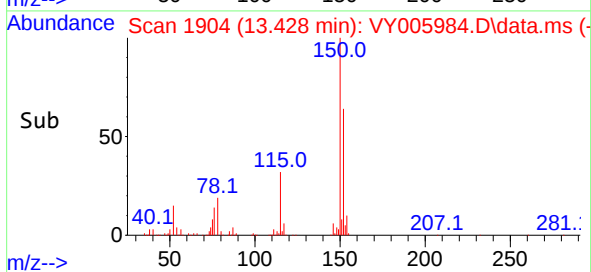
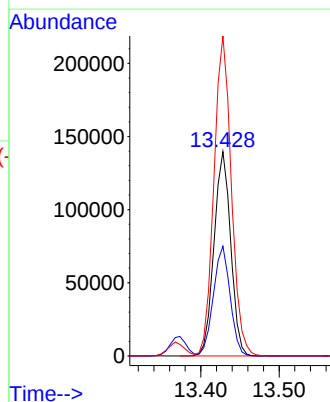
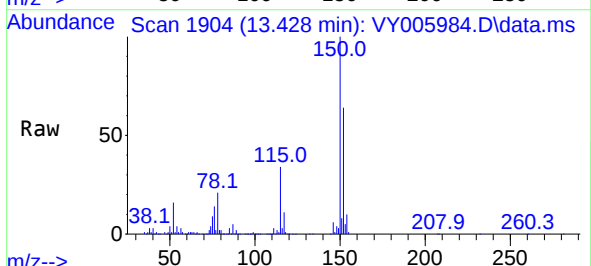
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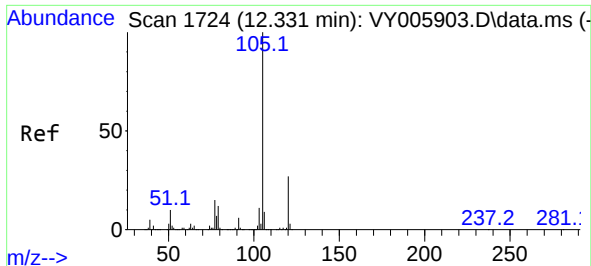
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion:152 Resp: 206615  
Ion Ratio Lower Upper  
152 100  
115 53.8 26.8 80.4  
150 163.6 0.0 345.6





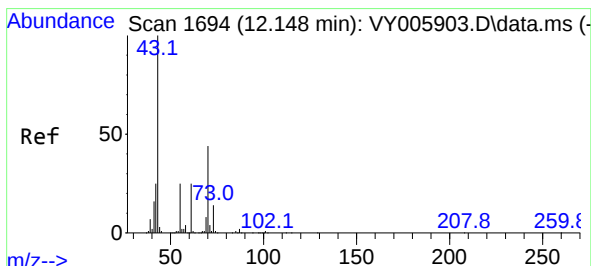
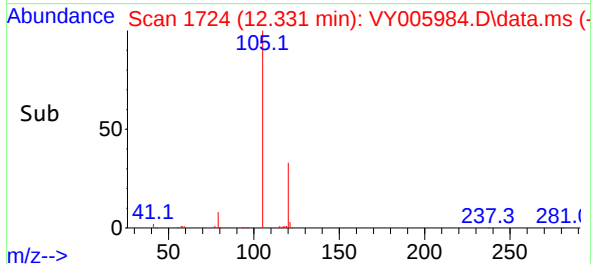
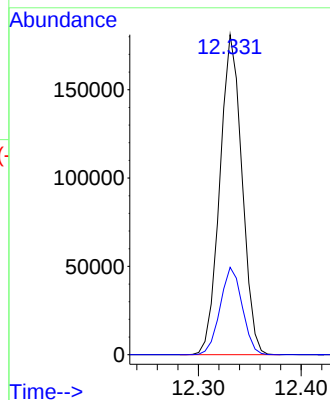
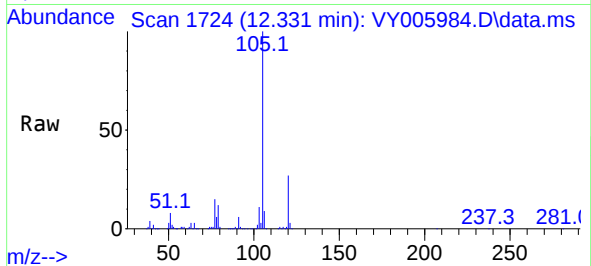
#73  
Isopropylbenzene  
Concen: 19.695 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 105 Resp: 271229  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.7 41.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

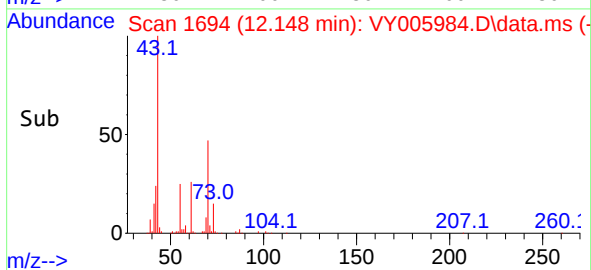
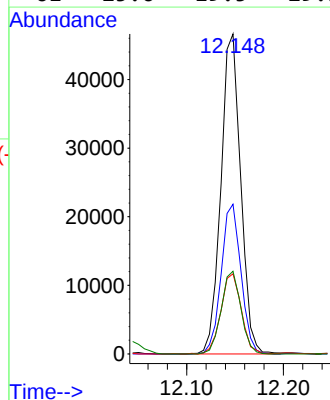
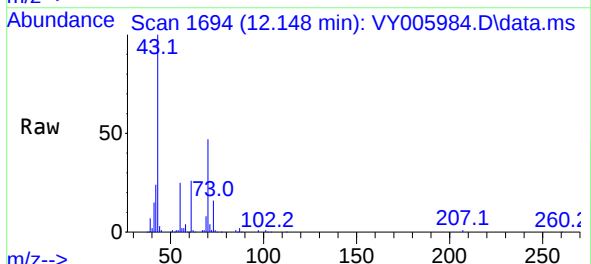
Manual Integrations  
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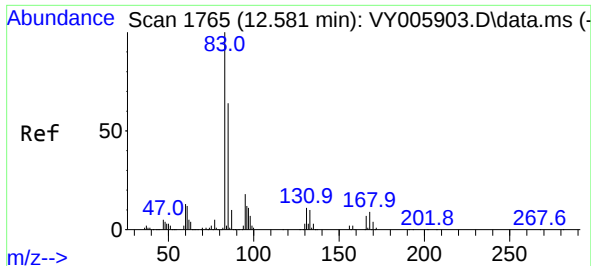
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#74  
N-ethyl acetate  
Concen: 16.756 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 43 Resp: 66206  
Ion Ratio Lower Upper  
43 100  
70 46.8 34.2 51.4  
55 25.9 19.4 29.2  
61 25.6 19.5 29.3





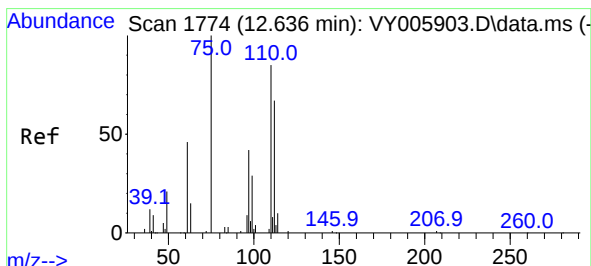
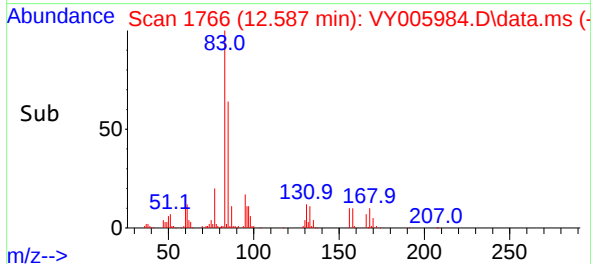
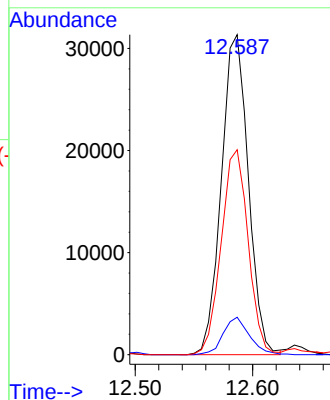
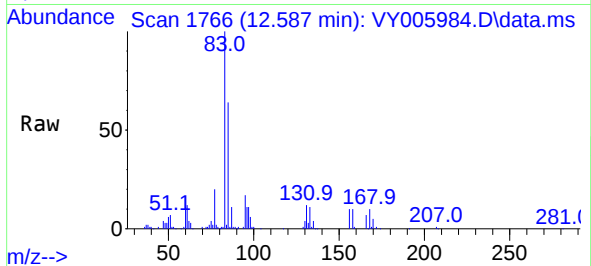
#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.115 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 83 Resp: 50097  
Ion Ratio Lower Upper  
83 100  
131 11.4 5.7 17.0  
85 63.9 31.9 95.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

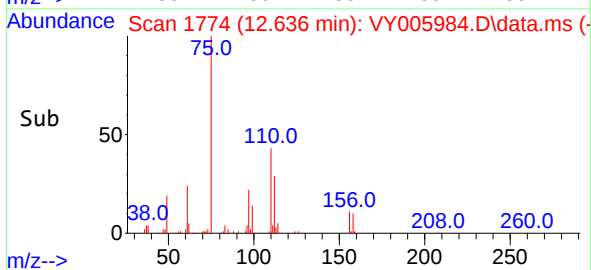
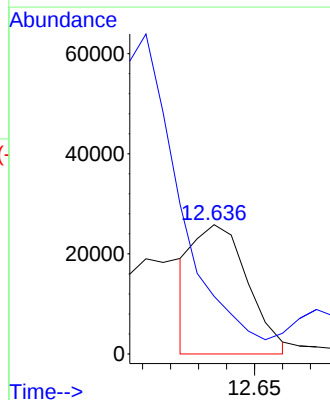
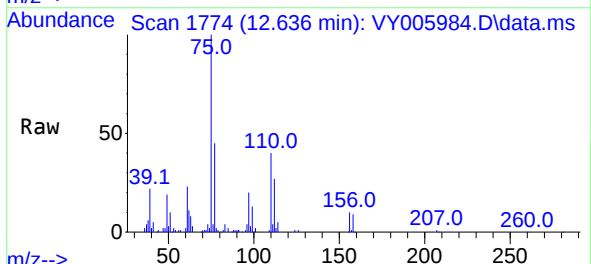
Manual Integrations  
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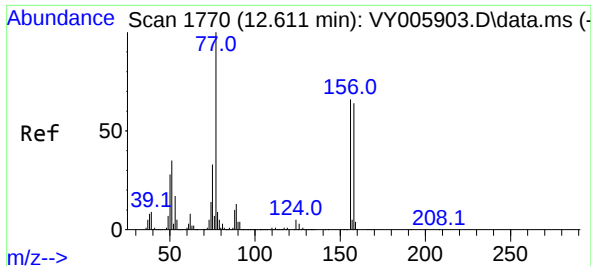
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#76  
1,2,3-Trichloropropane  
Concen: 18.050 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 75 Resp: 34905  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





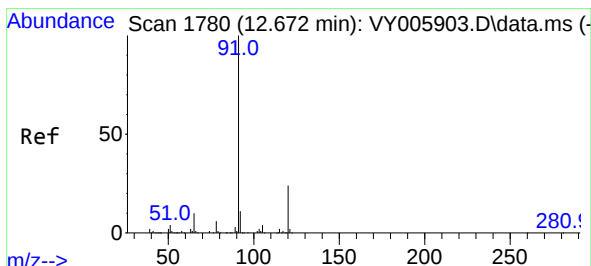
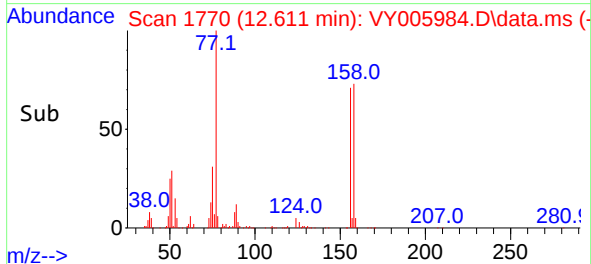
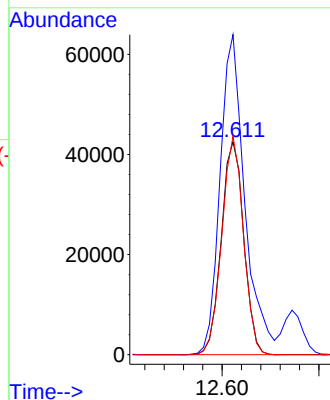
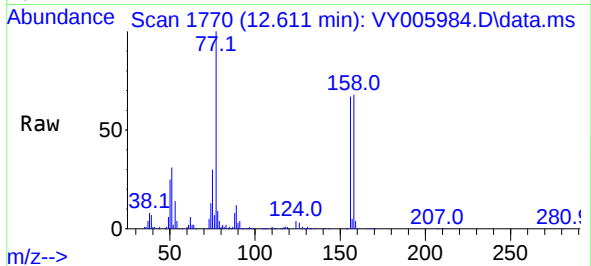
#77  
Bromobenzene  
Concen: 19.775 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 156 Resp: 68593  
Ion Ratio Lower Upper  
156 100  
77 165.1 85.9 257.7  
158 98.7 48.3 144.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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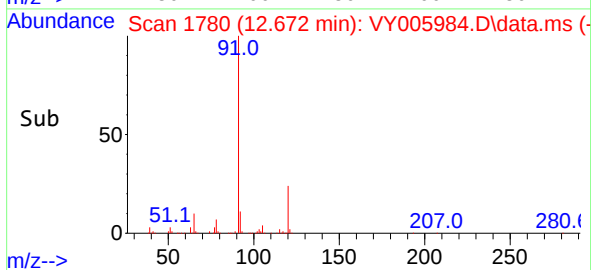
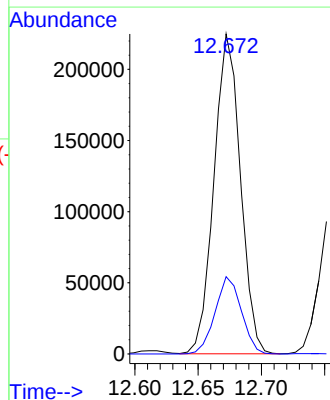
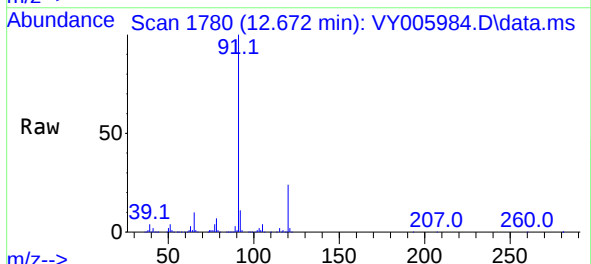
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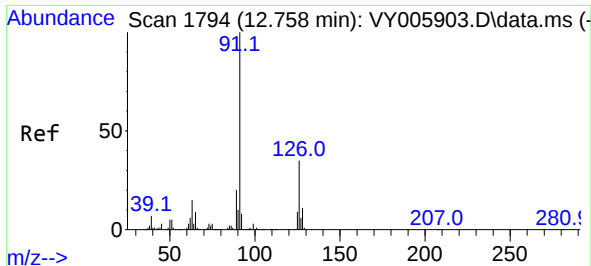
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#78  
n-propylbenzene  
Concen: 19.809 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 91 Resp: 326030  
Ion Ratio Lower Upper  
91 100  
120 24.0 11.9 35.9





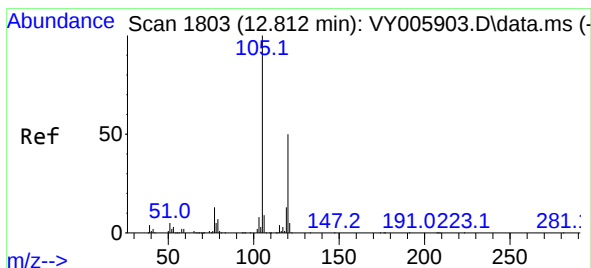
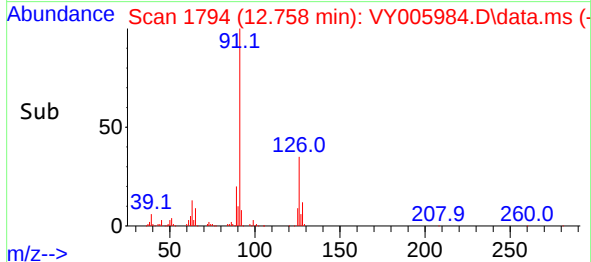
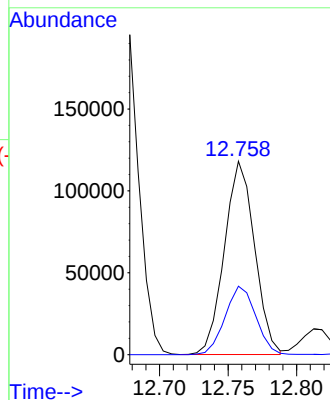
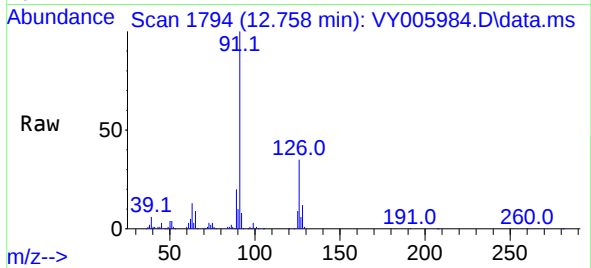
#79  
2-Chlorotoluene  
Concen: 19.767 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 91 Resp: 181114  
Ion Ratio Lower Upper  
91 100  
126 36.2 17.8 53.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

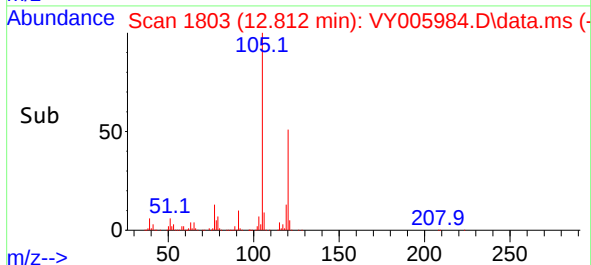
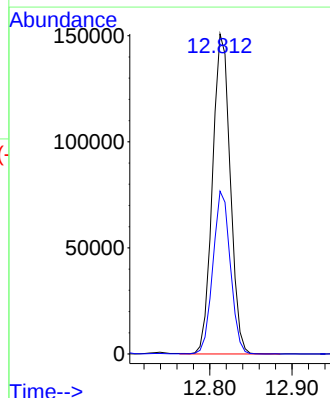
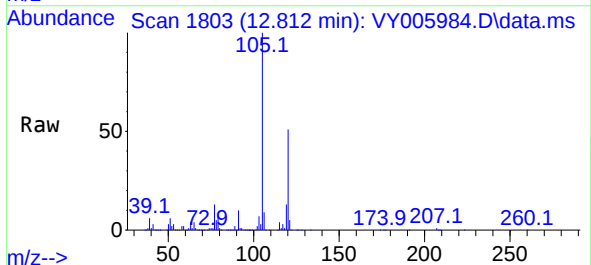
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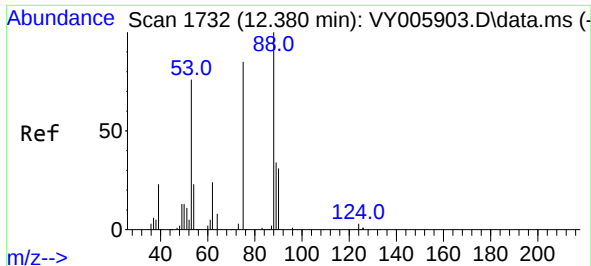
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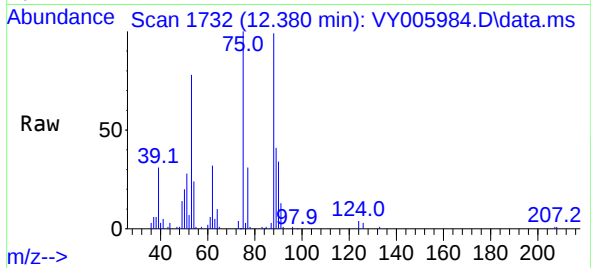
#80  
1,3,5-Trimethylbenzene  
Concen: 19.626 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion: 105 Resp: 226441  
Ion Ratio Lower Upper  
105 100  
120 49.9 25.2 75.6

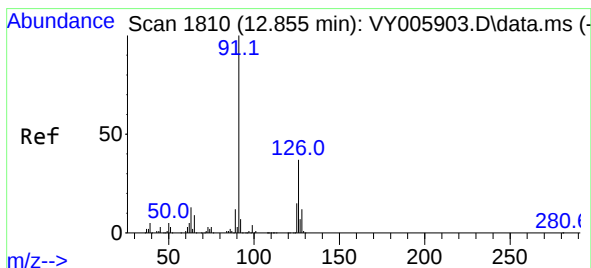
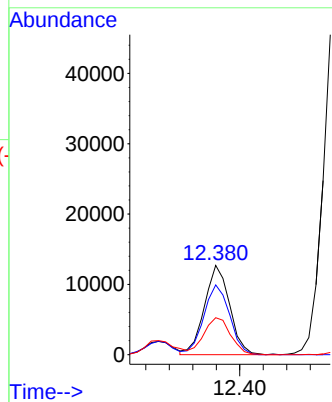
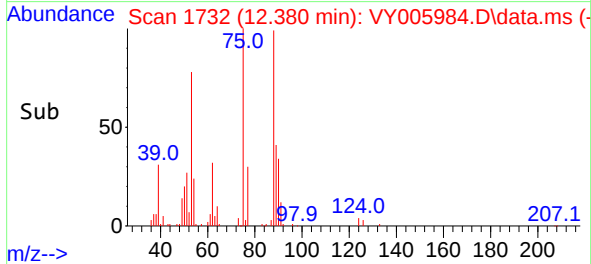




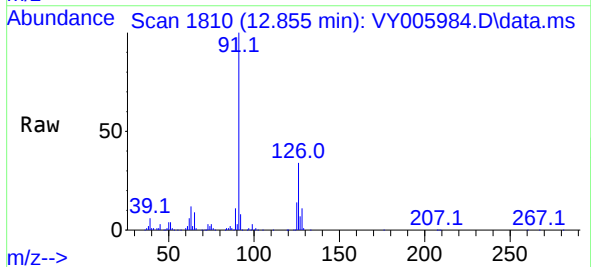
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.615 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



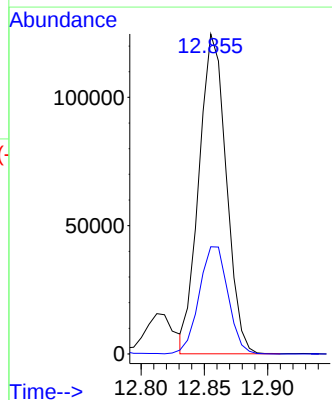
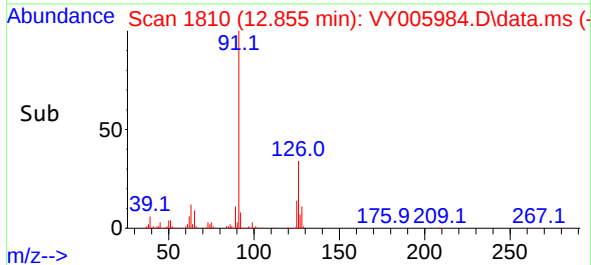
Tgt Ion: 75 Resp: 18929  
Ion Ratio Lower Upper  
75 100  
53 79.9 71.8 107.8  
89 43.7 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 19.469 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



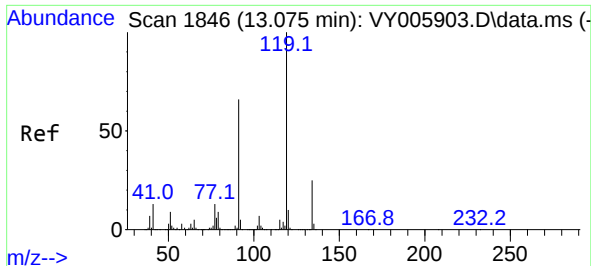
Tgt Ion: 91 Resp: 187150  
Ion Ratio Lower Upper  
91 100  
126 35.5 18.2 54.6



Instrument :  
MSVOA\_Y  
ClientSampleId :  
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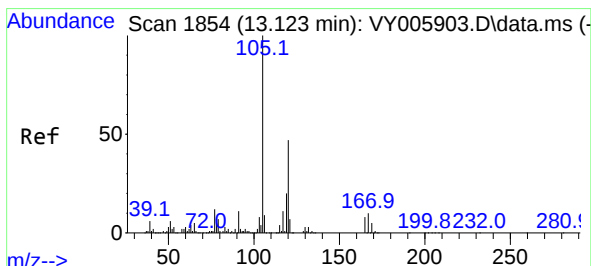
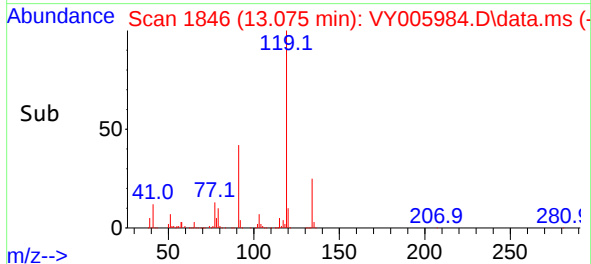
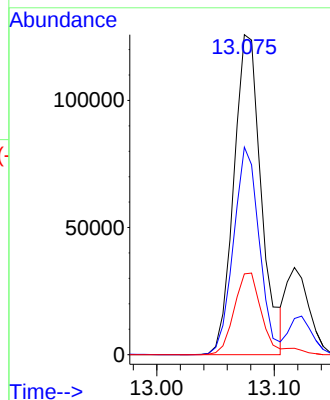
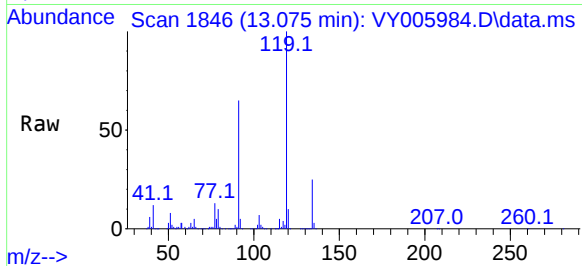
#83  
tert-Butylbenzene  
Concen: 20.285 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

Tgt Ion:119 Resp: 204577  
Ion Ratio Lower Upper  
119 100  
91 61.1 32.4 97.0  
134 26.3 13.5 40.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

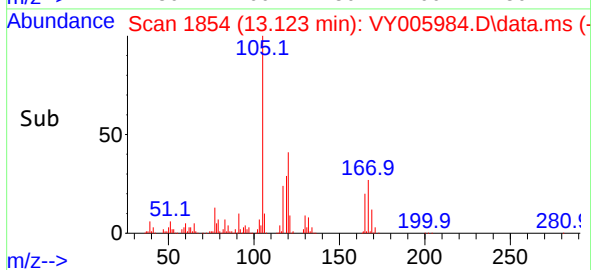
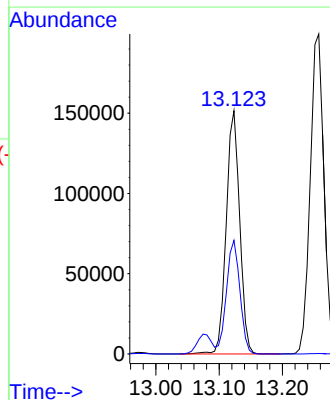
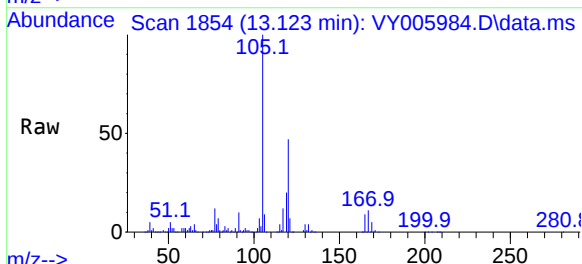
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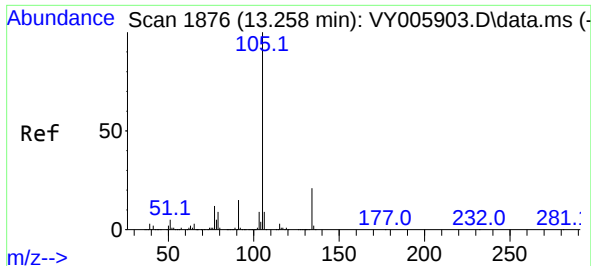
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#84  
1,2,4-Trimethylbenzene  
Concen: 19.480 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

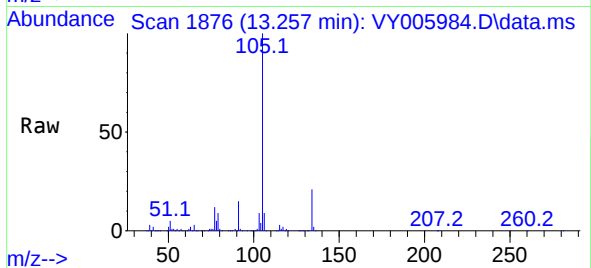
Tgt Ion:105 Resp: 222953  
Ion Ratio Lower Upper  
105 100  
120 46.8 23.3 69.9



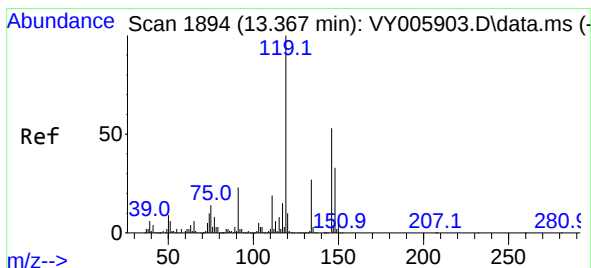
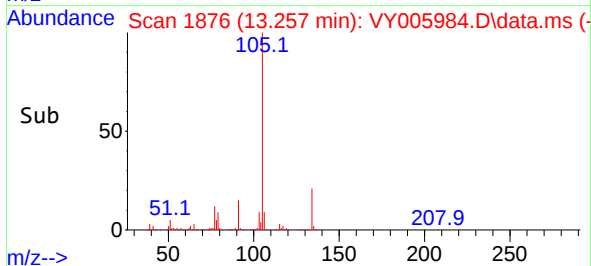
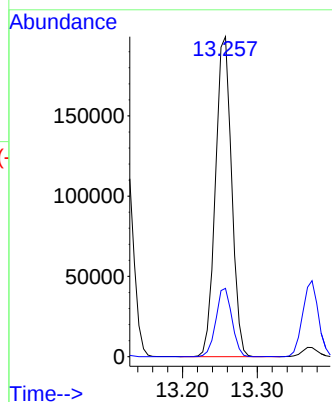


#85  
sec-Butylbenzene  
Concen: 20.109 ug/l  
RT: 13.257 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

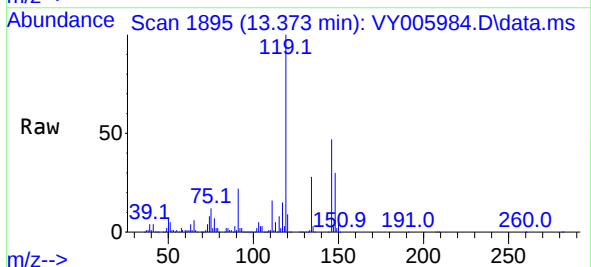
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01



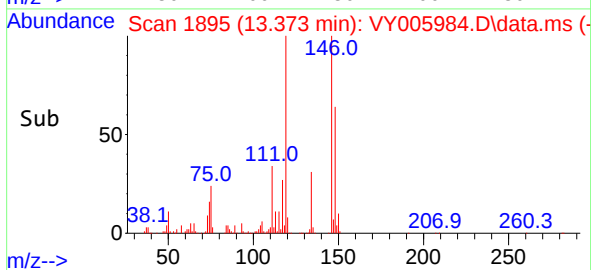
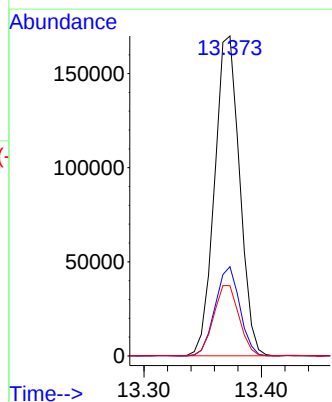
Tgt Ion:105 Resp: 298902  
Ion Ratio Lower Upper  
105 100  
134 21.2 10.8 32.3

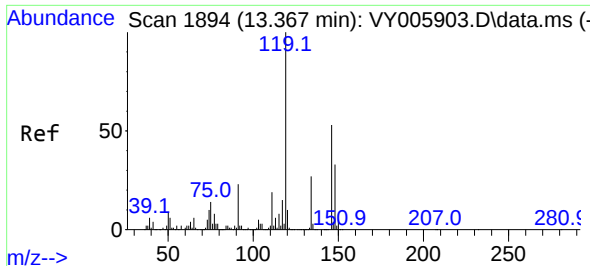


#86  
p-Isopropyltoluene  
Concen: 19.548 ug/l  
RT: 13.373 min Scan# 1895  
Delta R.T. 0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

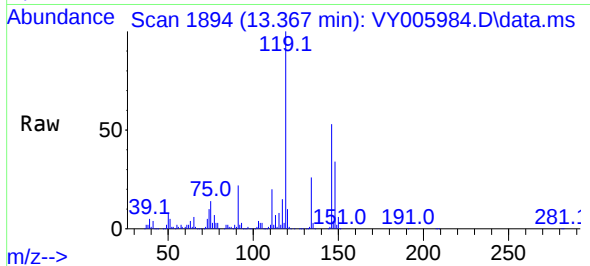


Tgt Ion:119 Resp: 251771  
Ion Ratio Lower Upper  
119 100  
134 27.4 13.7 41.1  
91 22.4 11.4 34.2

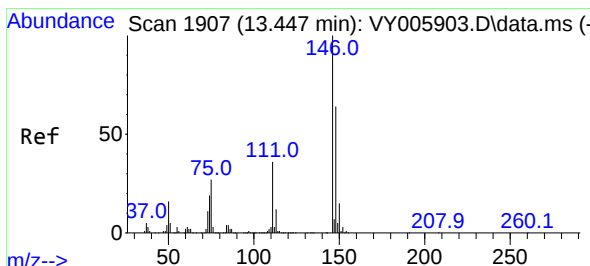
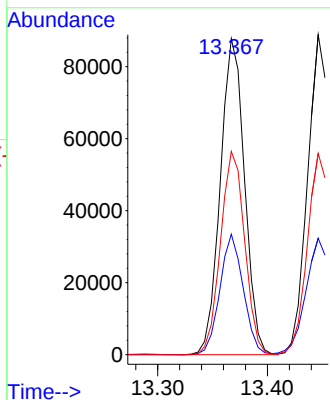
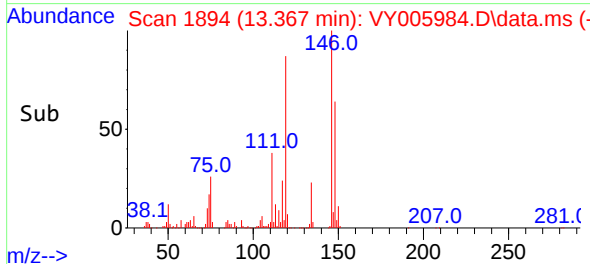




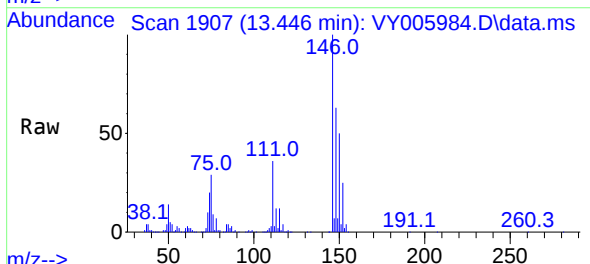
#87  
1,3-Dichlorobenzene  
Concen: 19.976 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
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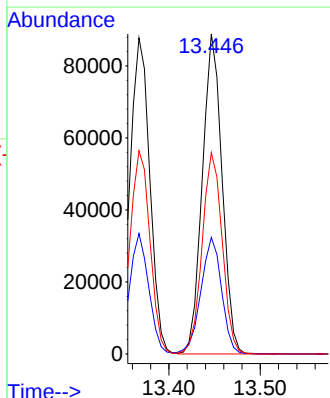
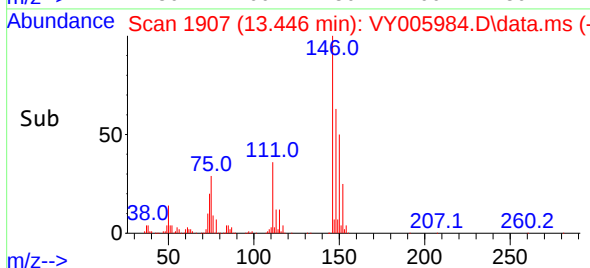
Tgt Ion:146 Resp: 134823  
Ion Ratio Lower Upper  
146 100  
111 36.7 18.6 55.6  
148 64.1 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 19.736 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



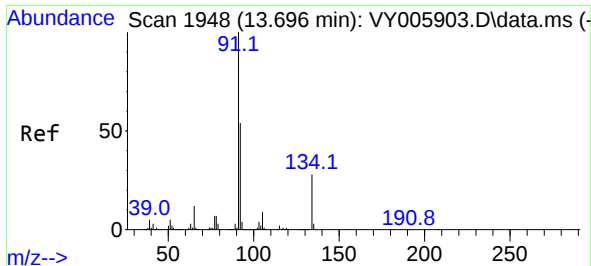
Tgt Ion:146 Resp: 133052  
Ion Ratio Lower Upper  
146 100  
111 38.2 18.1 54.3  
148 64.0 32.1 96.5



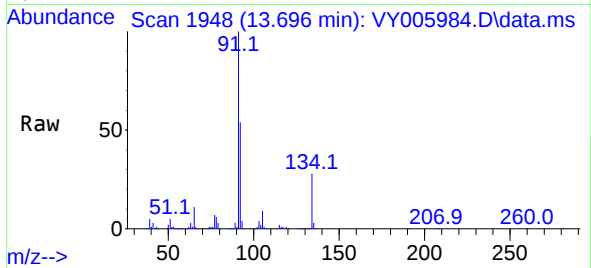
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

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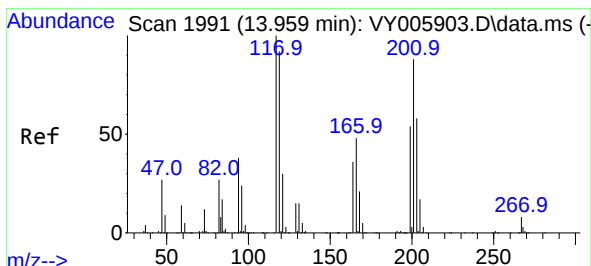
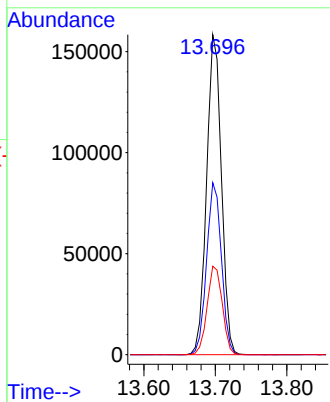
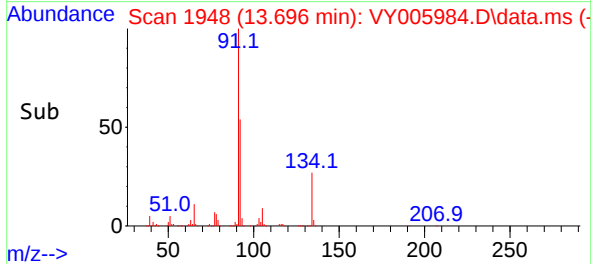
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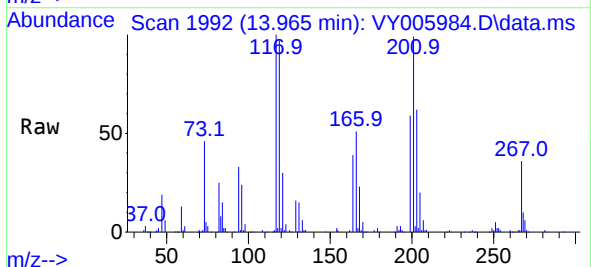
#89  
n-Butylbenzene  
Concen: 19.720 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



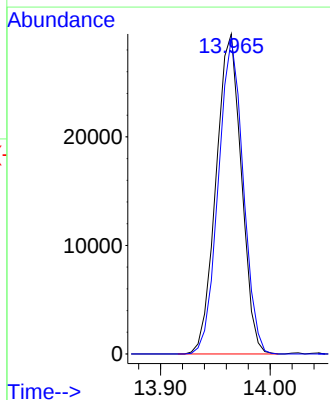
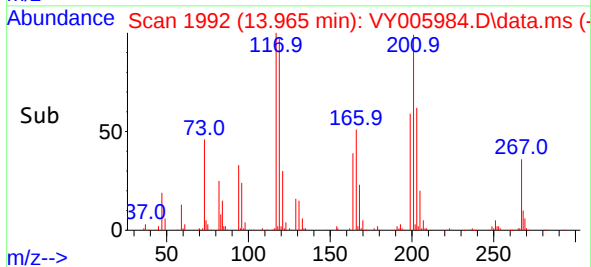
Tgt Ion: 91 Resp: 227246  
Ion Ratio Lower Upper  
91 100  
92 54.0 26.7 80.0  
134 28.4 14.1 42.2



#90  
Hexachloroethane  
Concen: 20.243 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



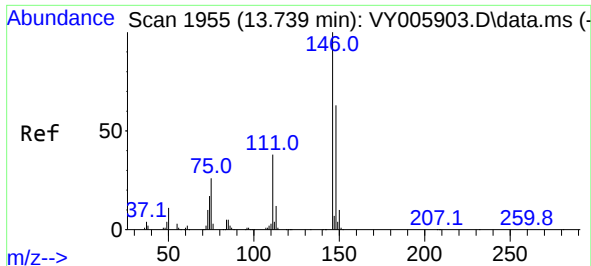
Tgt Ion: 117 Resp: 47315  
Ion Ratio Lower Upper  
117 100  
201 96.4 47.2 141.6



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

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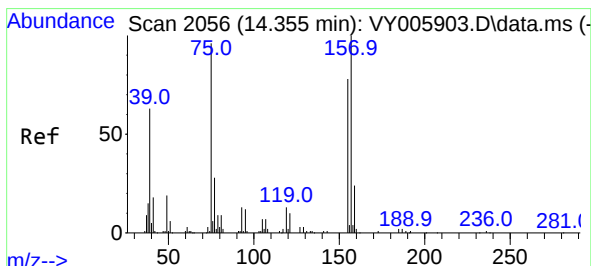
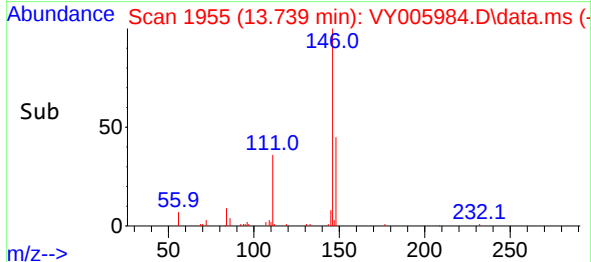
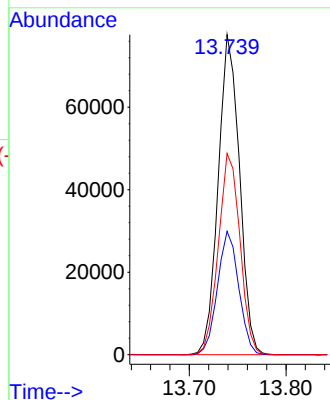
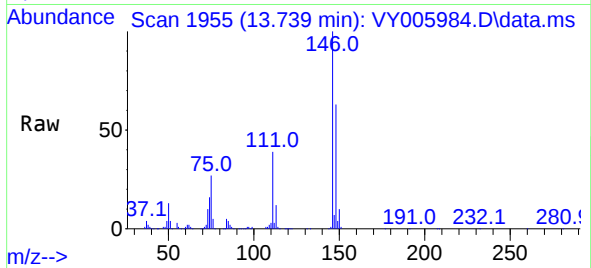
#91  
1,2-Dichlorobenzene  
Concen: 19.801 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
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Tgt Ion:146 Resp: 118502  
Ion Ratio Lower Upper  
146 100  
111 38.5 19.4 58.2  
148 64.0 32.2 96.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01

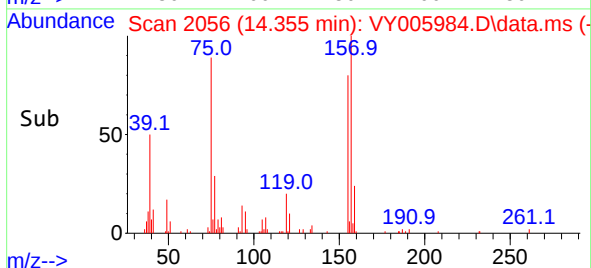
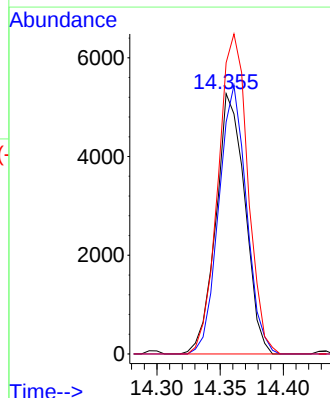
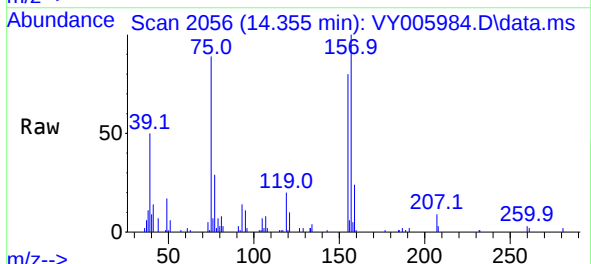
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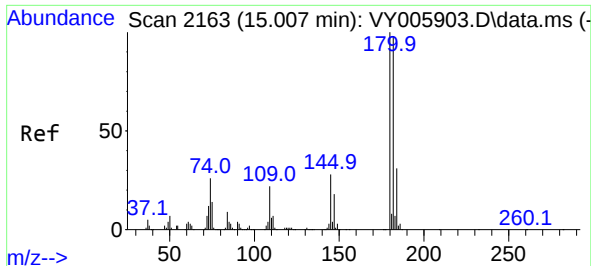
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.055 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

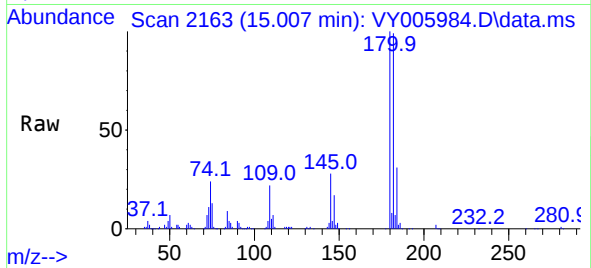
Tgt Ion: 75 Resp: 8383  
Ion Ratio Lower Upper  
75 100  
155 98.7 43.1 129.3  
157 126.6 54.4 163.3





#93  
1,2,4-Trichlorobenzene  
Concen: 20.253 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

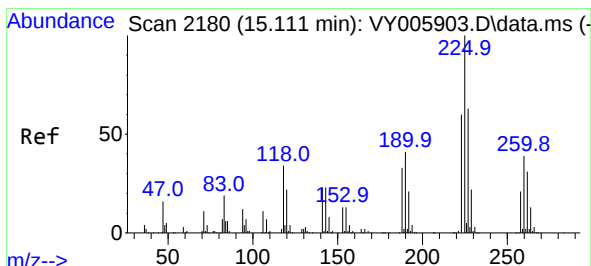
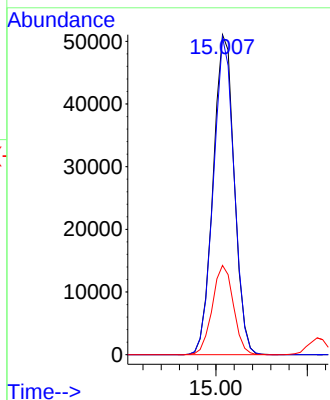
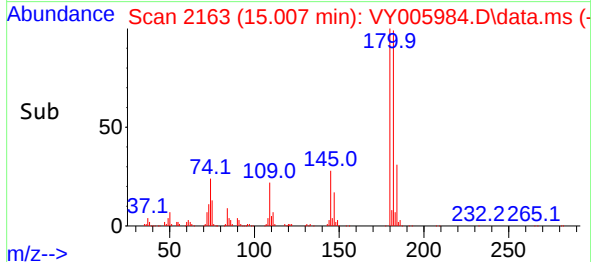
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0910SBS01



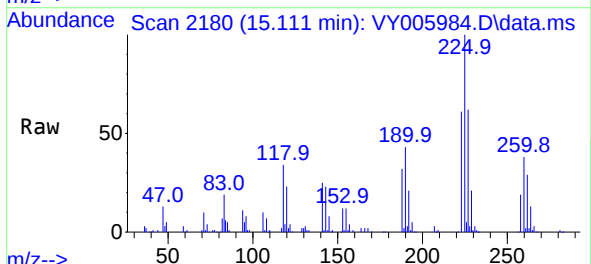
Tgt Ion:180 Resp: 81816  
Ion Ratio Lower Upper  
180 100  
182 97.4 48.1 144.4  
145 27.9 13.9 41.6

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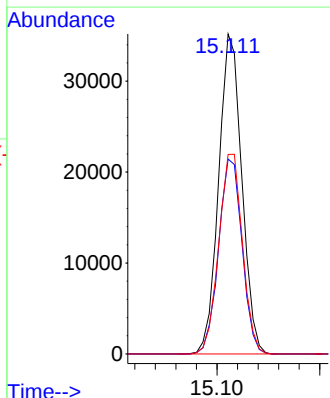
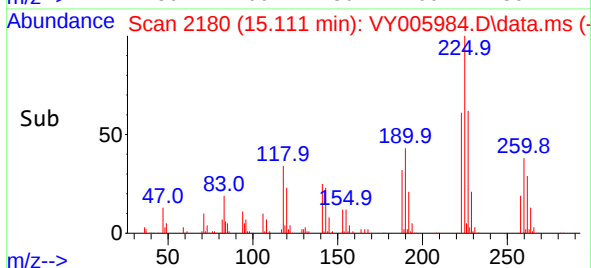
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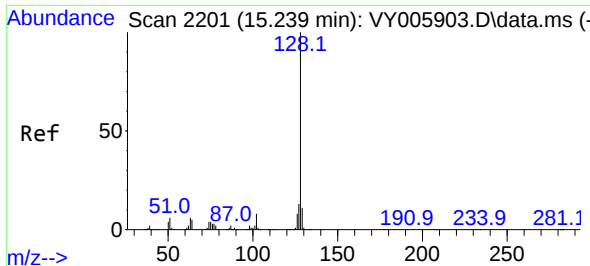


#94  
Hexachlorobutadiene  
Concen: 21.072 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

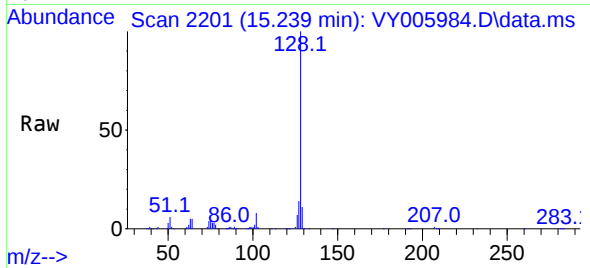


Tgt Ion:225 Resp: 54834  
Ion Ratio Lower Upper  
225 100  
223 61.8 31.1 93.3  
227 64.1 32.2 96.6



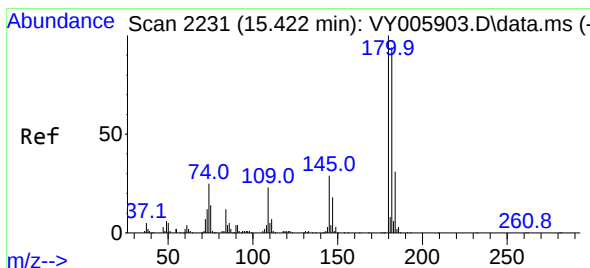
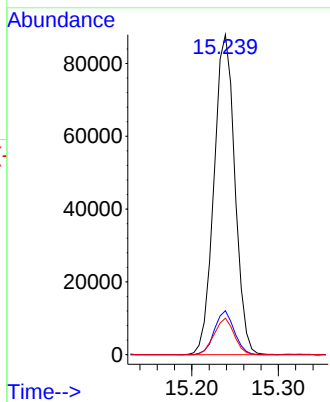
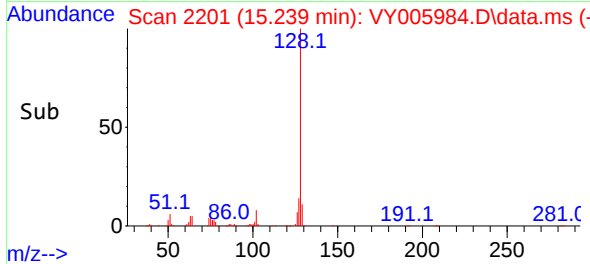


#95  
Naphthalene  
Concen: 18.943 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44

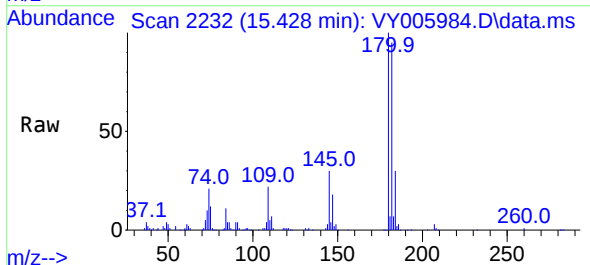


Tgt Ion:128 Resp: 147014  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.1  | 10.6  | 15.8  |
| 129 | 11.0  | 8.7   | 13.1  |

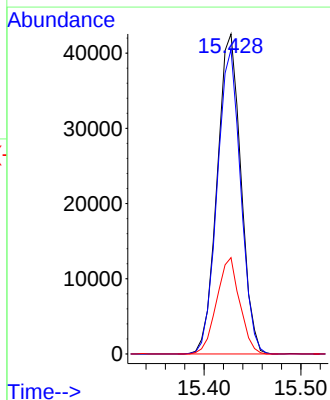
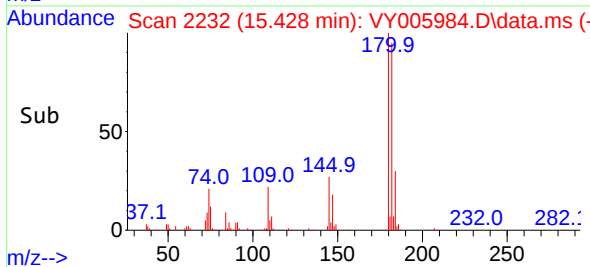


#96  
1,2,3-Trichlorobenzene  
Concen: 20.544 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: VY005984.D  
Acq: 10 Sep 2021 15:44



Tgt Ion:180 Resp: 72454  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.0  | 47.8  | 143.3 |
| 145 | 29.3  | 14.2  | 42.8  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
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