

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062221\  
 Data File : VY005195.D  
 Acq On : 22 Jun 2021 13:44  
 Operator : SY/MD  
 Sample : VSTDIC100  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

Manual Integrations  
 APPROVED

MMDadoda  
 6/23/2021 5:30:31 PM

Quant Time: Jun 23 07:06:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062221S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 07:02:41 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Pentafluorobenzene        | 7.801  | 168   | 352174   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 488911   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5         | 11.495 | 117   | 449647   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 228353   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4    | 8.149  | 65    | 292370   | 100.040  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 200.080%# |          |
| 35) Dibromofluoromethane     | 7.728  | 113   | 294413   | 102.107  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 204.220%# |          |
| 50) Toluene-d8               | 10.185 | 98    | 1188120  | 103.038  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | = 206.080%# |          |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 393419   | 102.389  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | = 204.780%# |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.912  | 85    | 209460   | 90.451   | ug/l        | 99       |
| 3) Chloromethane             | 2.119  | 50    | 264726   | 85.834   | ug/l        | 97       |
| 4) Vinyl Chloride            | 2.259  | 62    | 316638   | 89.795   | ug/l        | 98       |
| 5) Bromomethane              | 2.649  | 94    | 198348   | 88.683   | ug/l        | 97       |
| 6) Chloroethane              | 2.796  | 64    | 195936   | 84.971   | ug/l        | 98       |
| 7) Trichlorofluoromethane    | 3.131  | 101   | 443422   | 94.064   | ug/l        | 100      |
| 8) Diethyl Ether             | 3.540  | 74    | 166528   | 94.429   | ug/l        | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 3.905  | 101   | 273696   | 94.834   | ug/l        | 99       |
| 10) Methyl Iodide            | 4.100  | 142   | 389858   | 94.960   | ug/l        | 100      |
| 11) Tert butyl alcohol       | 4.978  | 59    | 151624   | 273.084  | ug/l        | 99       |
| 12) 1,1-Dichloroethene       | 3.881  | 96    | 276404   | 94.794   | ug/l        | 99       |
| 13) Acrolein                 | 3.741  | 56    | 77027    | 536.387  | ug/l        | 90       |
| 14) Allyl chloride           | 4.491  | 41    | 391980   | 93.587   | ug/l        | 100      |
| 15) Acrylonitrile            | 5.180  | 53    | 388829   | 474.642  | ug/l        | 99       |
| 16) Acetone                  | 3.960  | 43    | 316457   | 468.724  | ug/l        | 99       |
| 17) Carbon Disulfide         | 4.204  | 76    | 848013   | 92.467   | ug/l        | 100      |
| 18) Methyl Acetate           | 4.491  | 43    | 163977   | 91.389   | ug/l        | 100      |
| 19) Methyl tert-butyl Ether  | 5.234  | 73    | 773801   | 97.065   | ug/l        | 99       |
| 20) Methylene Chloride       | 4.728  | 84    | 324260   | 67.868   | ug/l        | 99       |
| 21) trans-1,2-Dichloroethene | 5.234  | 96    | 308579   | 95.042   | ug/l        | 97       |
| 22) Diisopropyl ether        | 6.137  | 45    | 807037   | 92.690   | ug/l        | 97       |
| 23) Vinyl Acetate            | 6.076  | 43    | 2684953  | 476.524  | ug/l        | 99       |
| 24) 1,1-Dichloroethane       | 6.033  | 63    | 507441   | 93.905   | ug/l        | 99       |
| 25) 2-Butanone               | 7.002  | 43    | 477013   | 484.541  | ug/l        | 100      |
| 26) 2,2-Dichloropropane      | 6.990  | 77    | 444793   | 94.391   | ug/l        | 99       |
| 27) cis-1,2-Dichloroethene   | 6.996  | 96    | 348055   | 95.316   | ug/l        | 100      |
| 28) Bromochloromethane       | 7.344  | 49    | 212515   | 98.293   | ug/l        | 97       |
| 29) Tetrahydrofuran          | 7.362  | 42    | 306327   | 472.937  | ug/l        | 98       |
| 30) Chloroform               | 7.521  | 83    | 514661   | 93.592   | ug/l        | 100      |
| 31) Cyclohexane              | 7.795  | 56    | 469951   | 90.071   | ug/l        | 98       |
| 32) 1,1,1-Trichloroethane    | 7.710  | 97    | 471427   | 96.121   | ug/l        | 100      |
| 36) 1,1-Dichloropropene      | 7.929  | 75    | 412550   | 95.826   | ug/l        | 99       |
| 37) Ethyl Acetate            | 7.088  | 43    | 209483   | 94.358   | ug/l        | 99       |
| 38) Carbon Tetrachloride     | 7.911  | 117   | 436563   | 96.870   | ug/l        | 99       |
| 39) Methylcyclohexane        | 9.191  | 83    | 547928   | 98.342   | ug/l        | 99       |
| 40) Benzene                  | 8.167  | 78    | 1214373  | 95.660   | ug/l        | 100      |

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 Sample : VSTDIC100  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

Manual Integrations  
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 6/23/2021 5:30:31 PM

Quant Time: Jun 23 07:06:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062221S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 07:02:41 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|------|----------|----------|-------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 122232m  | 96.356   | ug/l  |          |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 329321   | 95.508   | ug/l  | 100      |
| 43) Isopropyl Acetate         | 8.283  | 43   | 394980   | 96.792   | ug/l  | 99       |
| 44) Trichloroethene           | 8.947  | 130  | 352662   | 98.260   | ug/l  | 100      |
| 45) 1,2-Dichloropropane       | 9.221  | 63   | 289998   | 95.468   | ug/l  | 99       |
| 46) Dibromomethane            | 9.313  | 93   | 172740   | 97.782   | ug/l  | 99       |
| 47) Bromodichloromethane      | 9.502  | 83   | 399399   | 96.421   | ug/l  | 100      |
| 48) Methyl methacrylate       | 9.301  | 41   | 176872   | 98.798   | ug/l  | 100      |
| 49) 1,4-Dioxane               | 9.307  | 88   | 47685    | 2052.637 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 1034177  | 484.194  | ug/l  | 99       |
| 52) Toluene                   | 10.246 | 92   | 790292   | 97.396   | ug/l  | 99       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 445066   | 98.156   | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 497115   | 97.245   | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 249796   | 96.826   | ug/l  | 99       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 355361   | 101.473  | ug/l  | 99       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 416738   | 96.446   | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.788  | 63   | 751411   | 486.476  | ug/l  | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 719855   | 490.022  | ug/l  | 98       |
| 60) Dibromochloromethane      | 10.989 | 129  | 313414   | 99.175   | ug/l  | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 246282   | 98.139   | ug/l  | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 322196   | 97.103   | ug/l  | 99       |
| 65) Chlorobenzene             | 11.520 | 112  | 858432   | 96.320   | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 323120   | 97.682   | ug/l  | 99       |
| 67) Ethyl Benzene             | 11.599 | 91   | 1494773  | 97.266   | ug/l  | 98       |
| 68) m/p-Xylenes               | 11.709 | 106  | 1202129  | 195.245  | ug/l  | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 572538   | 98.201   | ug/l  | 100      |
| 70) Styrene                   | 12.050 | 104  | 975565   | 99.515   | ug/l  | 99       |
| 71) Bromoform                 | 12.209 | 173  | 224394   | 99.693   | ug/l  | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 1462432  | 98.740   | ug/l  | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 343786   | 98.079   | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 285122   | 97.698   | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 197502m  | 100.276  | ug/l  |          |
| 77) Bromobenzene              | 12.611 | 156  | 384478   | 97.829   | ug/l  | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 1694656  | 97.034   | ug/l  | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 957862   | 97.226   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 1193405  | 97.402   | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 106641   | 98.244   | ug/l  | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 978633   | 96.016   | ug/l  | 100      |
| 83) tert-Butylbenzene         | 13.081 | 119  | 1100633  | 100.762  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 1187537  | 98.035   | ug/l  | 100      |
| 85) sec-Butylbenzene          | 13.257 | 105  | 1539447  | 96.872   | ug/l  | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 1345660  | 98.142   | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 732743   | 97.656   | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 714833   | 96.339   | ug/l  | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 1163513  | 96.599   | ug/l  | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 242301   | 97.825   | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 644947   | 96.960   | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 45930    | 94.482   | ug/l  | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 466380   | 99.481   | ug/l  | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 287297   | 97.918   | ug/l  | 99       |
| 95) Naphthalene               | 15.239 | 128  | 892178   | 103.108  | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 409604   | 99.206   | ug/l  | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062221\  
Data File : VY005195.D  
Acq On : 22 Jun 2021 13:44  
Operator : SY/MD  
Sample : VSTDICC100  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC100

Manual Integrations  
APPROVED

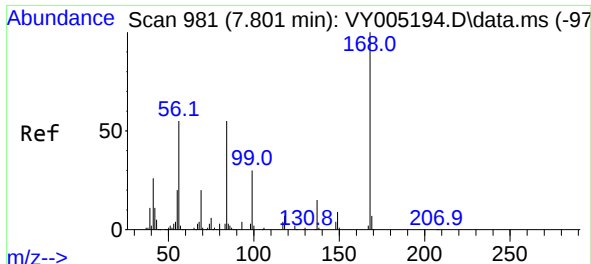
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6/23/2021 5:30:31 PM

Quant Time: Jun 23 07:06:03 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062221S.M  
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QLast Update : Wed Jun 23 07:02:41 2021  
Response via : Initial Calibration

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

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





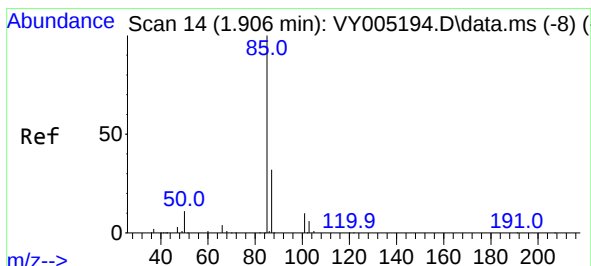
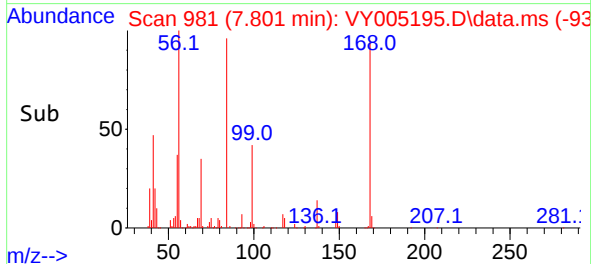
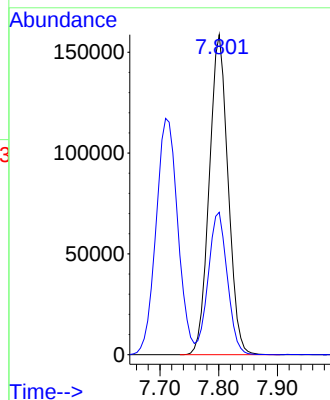
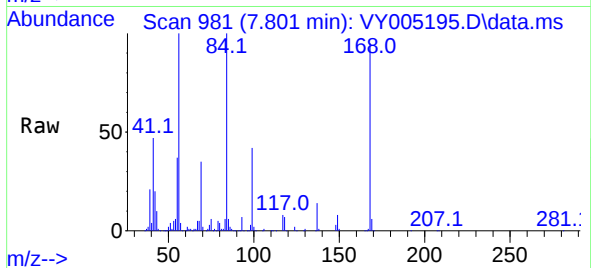
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 168 Resp: 352174  
Ion Ratio Lower Upper  
168 100  
99 44.5 36.2 54.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

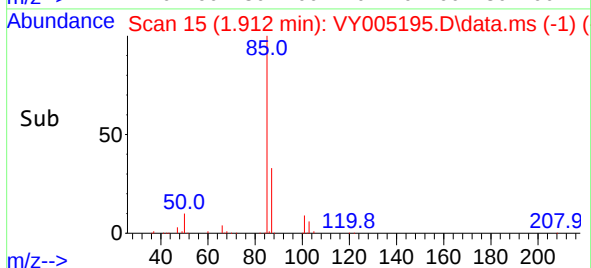
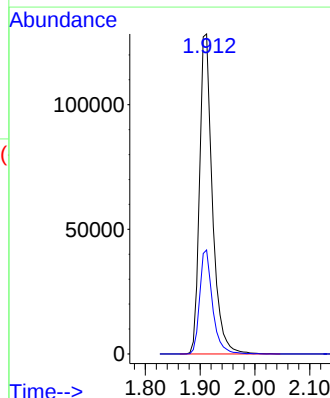
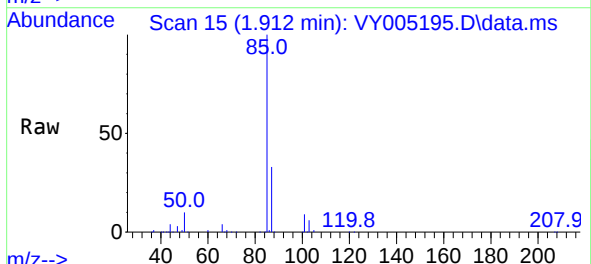
Manual Integrations  
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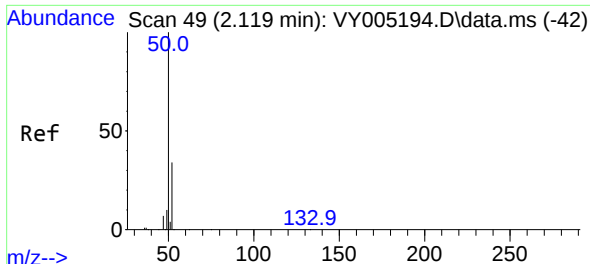
MMDadoda  
6/23/2021 5:30:31 PM



#2  
Dichlorodifluoromethane  
Concen: 90.451 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 85 Resp: 209460  
Ion Ratio Lower Upper  
85 100  
87 32.5 15.9 47.7





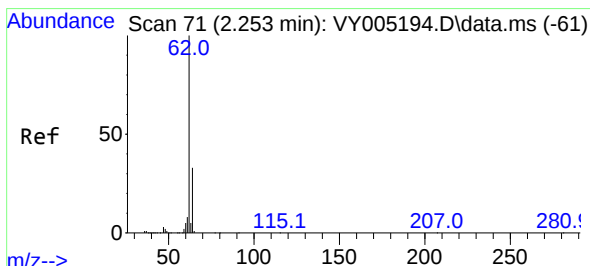
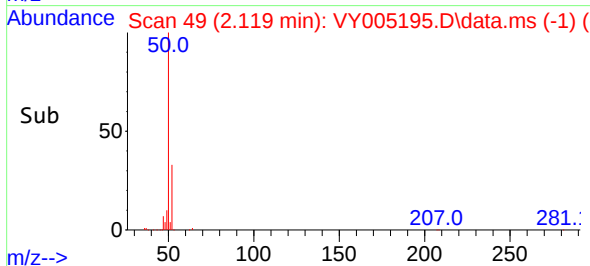
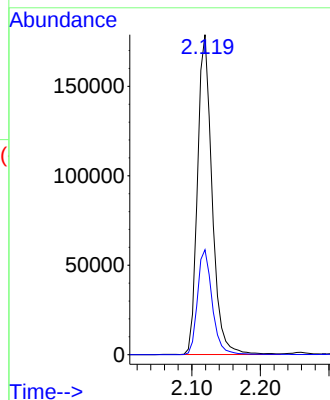
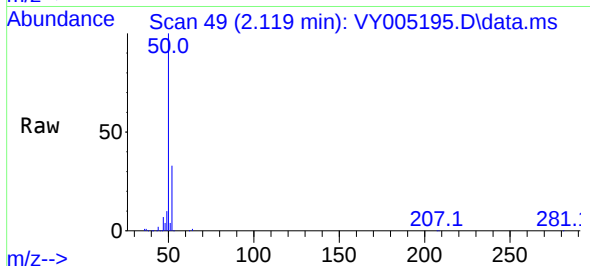
#3  
Chloromethane  
Concen: 85.834 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 50 Resp: 264726  
Ion Ratio Lower Upper  
50 100  
52 32.8 27.4 41.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

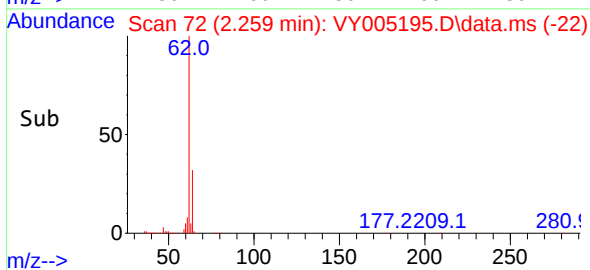
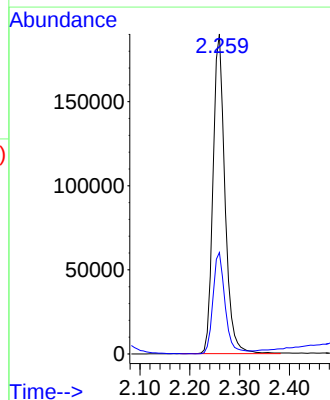
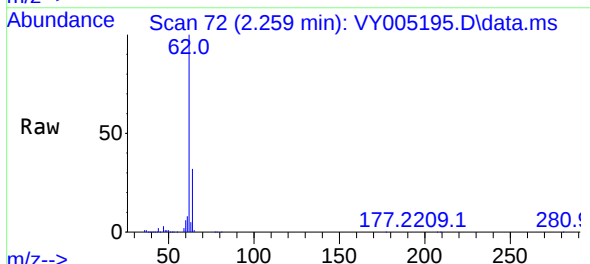
Manual Integrations  
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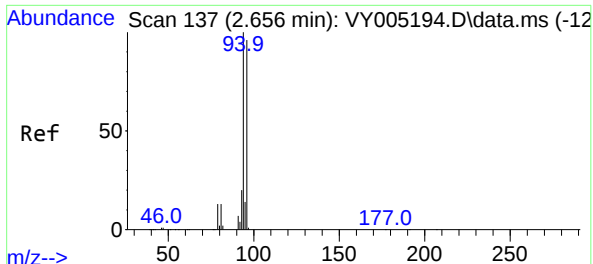
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6/23/2021 5:30:31 PM



#4  
Vinyl Chloride  
Concen: 89.795 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 62 Resp: 316638  
Ion Ratio Lower Upper  
62 100  
64 31.7 26.1 39.1





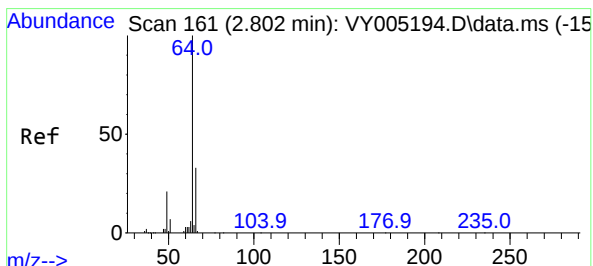
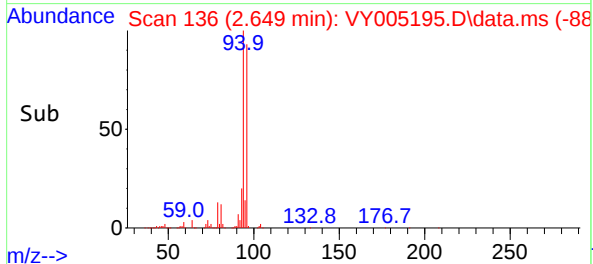
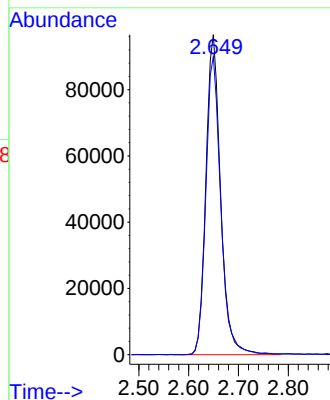
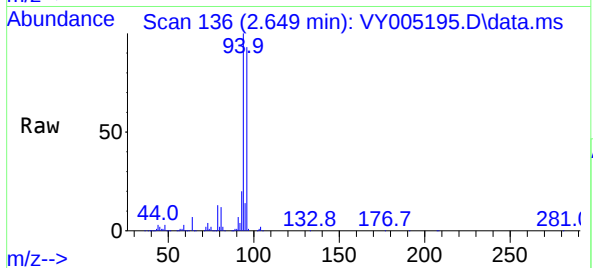
#5  
Bromomethane  
Concen: 88.683 ug/l  
RT: 2.649 min Scan# 136  
Delta R.T. -0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 94 Resp: 198348  
Ion Ratio Lower Upper  
94 100  
96 93.1 76.9 115.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

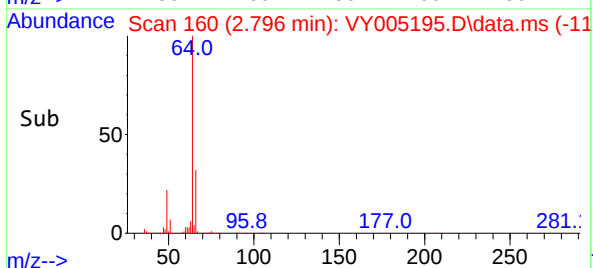
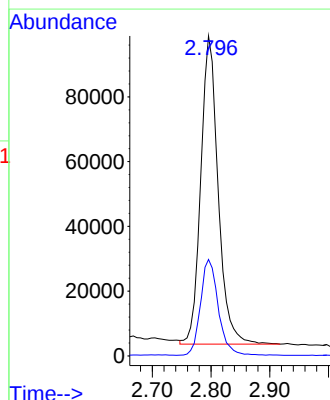
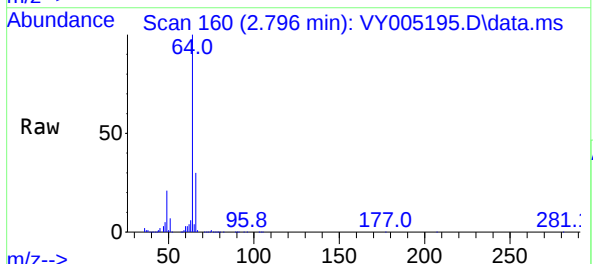
Manual Integrations  
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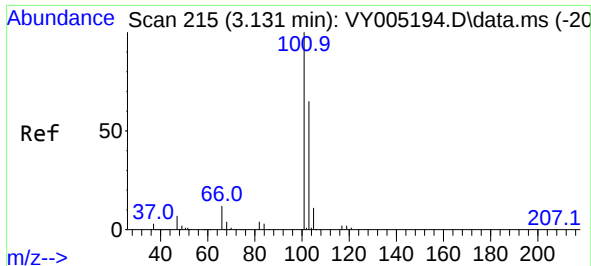
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6/23/2021 5:30:31 PM



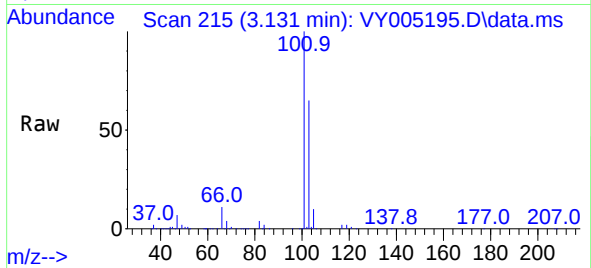
#6  
Chloroethane  
Concen: 84.971 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 64 Resp: 195936  
Ion Ratio Lower Upper  
64 100  
66 31.0 25.9 38.9

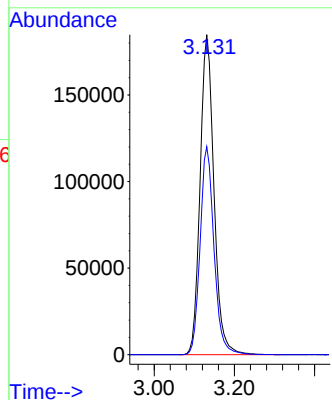




#7  
Trichlorofluoromethane  
Concen: 94.064 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



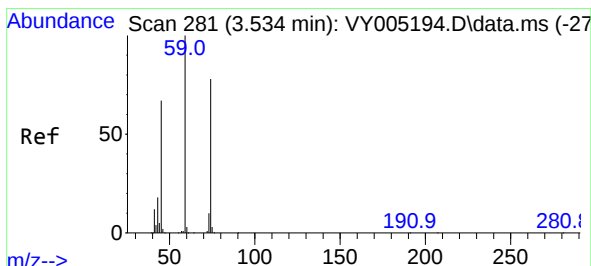
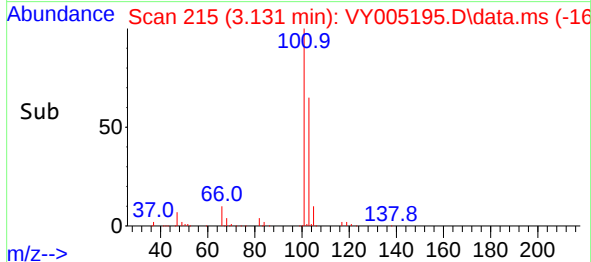
Tgt Ion:101 Resp: 443422  
Ion Ratio Lower Upper  
101 100  
103 65.0 52.0 78.0



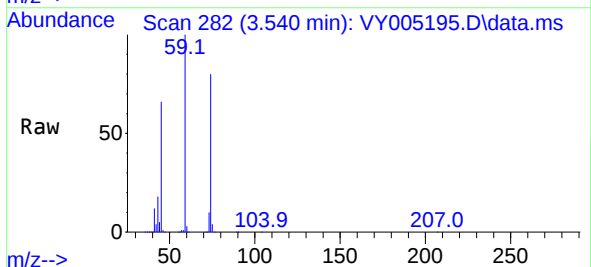
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

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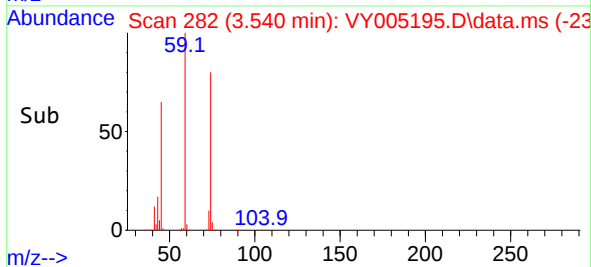
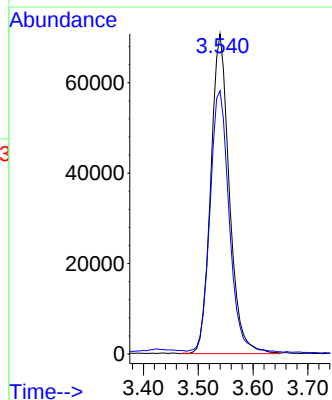
MMDadoda  
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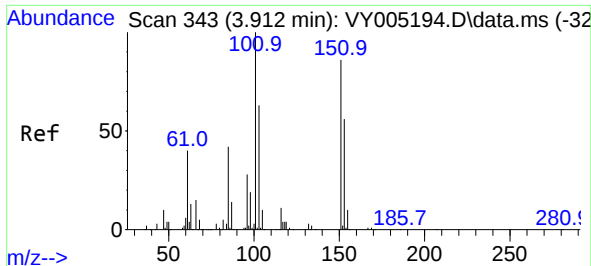


#8  
Diethyl Ether  
Concen: 94.429 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. 0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



Tgt Ion: 74 Resp: 166528  
Ion Ratio Lower Upper  
74 100  
45 84.2 43.9 131.7





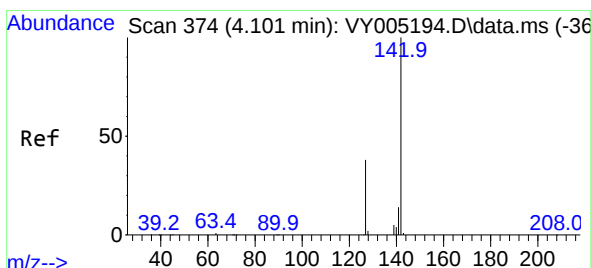
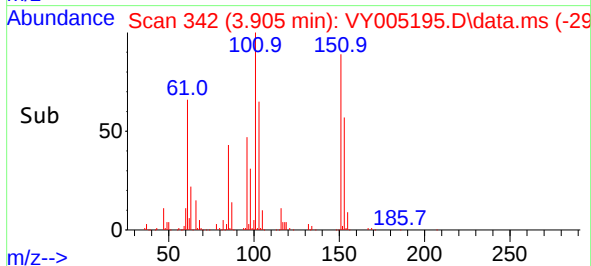
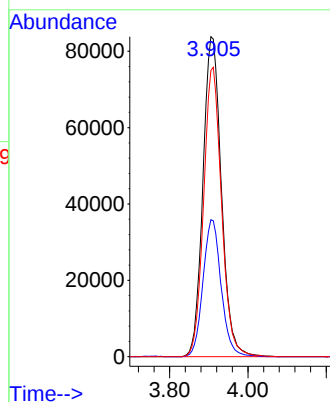
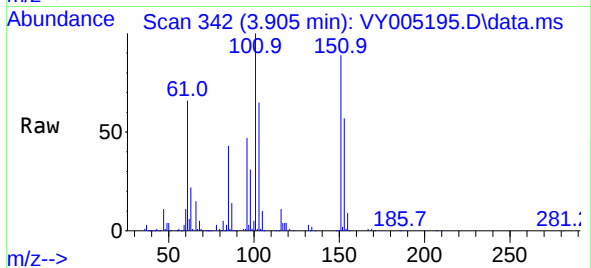
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 94.834 ug/l  
RT: 3.905 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Tgt Ion:101 Resp: 273696  
Ion Ratio Lower Upper  
101 100  
85 42.2 33.8 50.8  
151 88.3 69.1 103.7

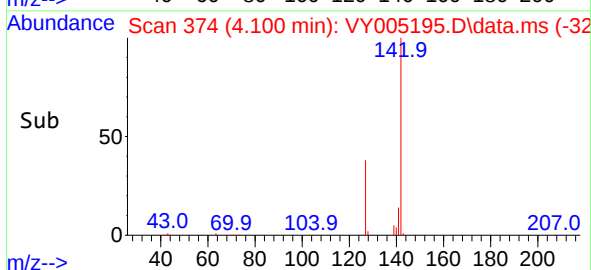
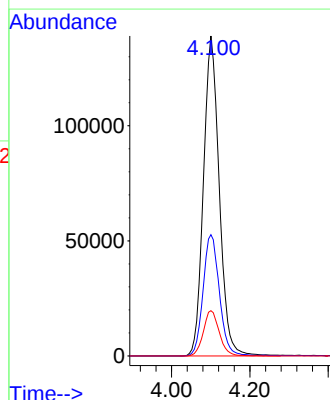
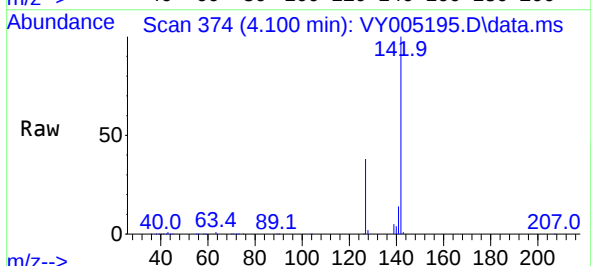
Manual Integrations  
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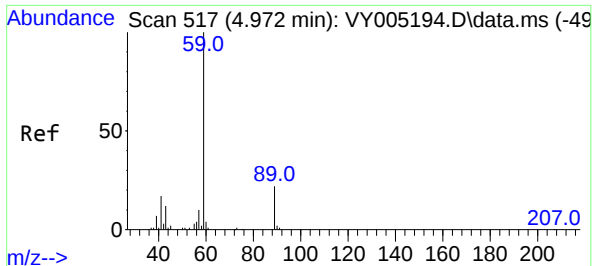
MMDadoda  
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#10  
Methyl Iodide  
Concen: 94.960 ug/l  
RT: 4.100 min Scan# 374  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

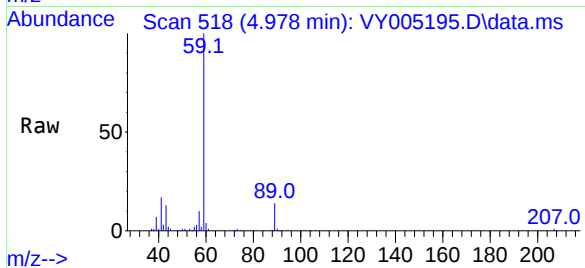
Tgt Ion:142 Resp: 389858  
Ion Ratio Lower Upper  
142 100  
127 39.0 31.3 46.9  
141 14.3 11.3 16.9





#11  
Tert butyl alcohol  
Concen: 273.084 ug/l  
RT: 4.978 min Scan# 518  
Delta R.T. 0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

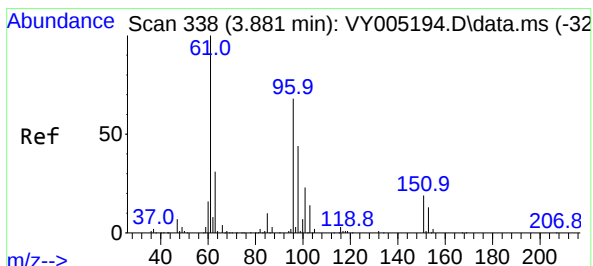
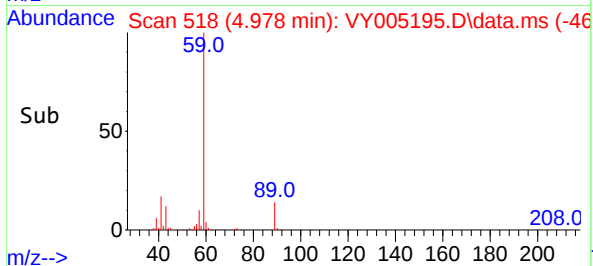
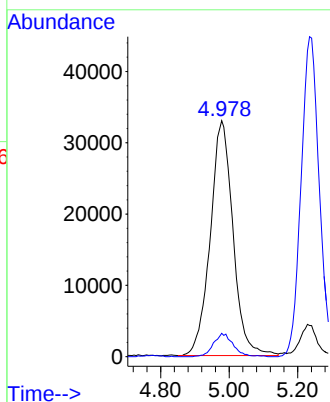
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



Tgt Ion: 59 Resp: 151624  
Ion Ratio Lower Upper  
59 100  
57 8.5 6.5 9.7

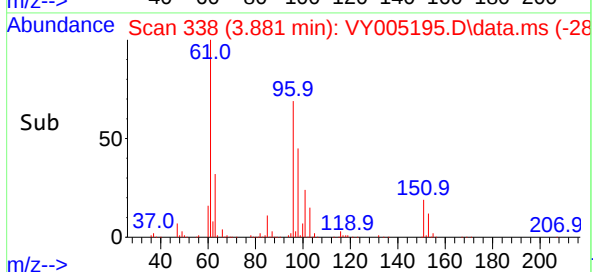
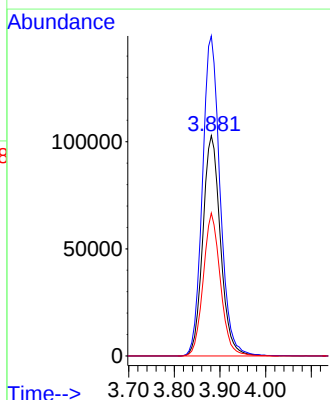
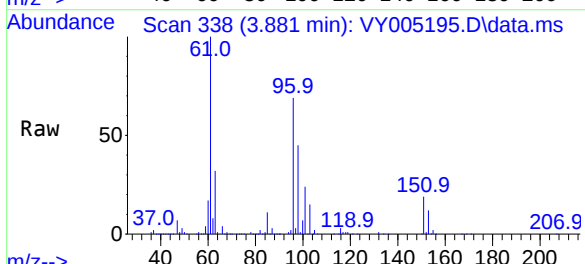
Manual Integrations  
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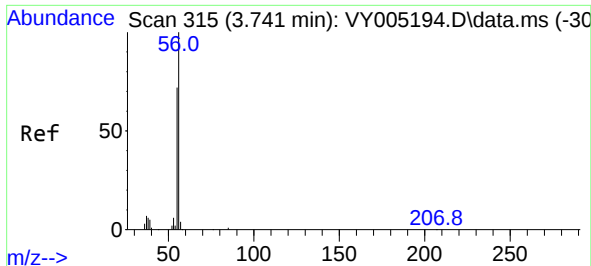
MMDadoda  
6/23/2021 5:30:31 PM



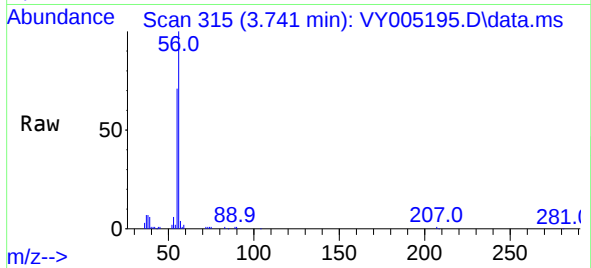
#12  
1,1-Dichloroethene  
Concen: 94.794 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 96 Resp: 276404  
Ion Ratio Lower Upper  
96 100  
61 145.3 118.0 177.0  
98 64.9 51.7 77.5

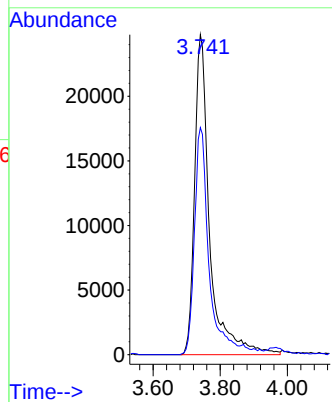
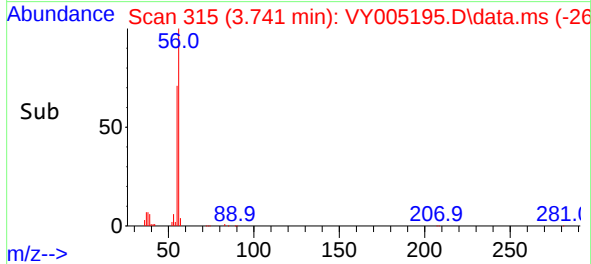




#13  
Acrolein  
Concen: 536.387 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



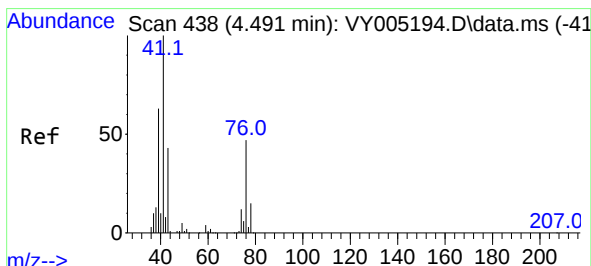
Tgt Ion: 56 Resp: 77027  
Ion Ratio Lower Upper  
56 100  
55 67.5 61.0 91.6



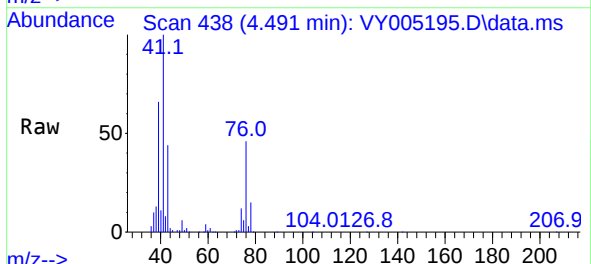
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

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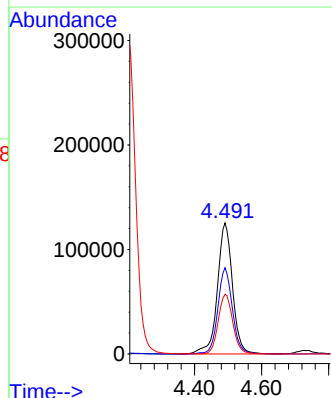
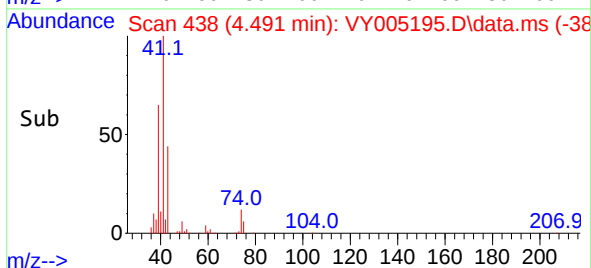
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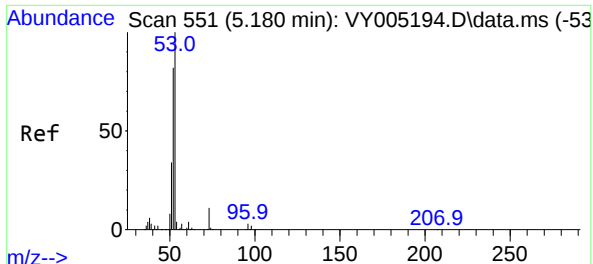


#14  
Allyl chloride  
Concen: 93.587 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

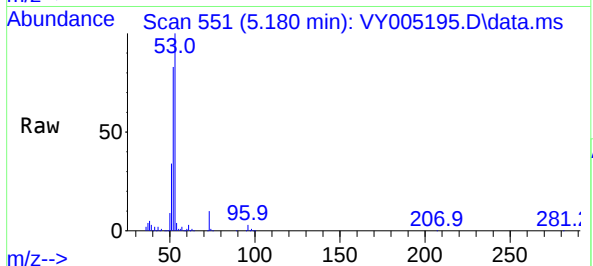


Tgt Ion: 41 Resp: 391980  
Ion Ratio Lower Upper  
41 100  
39 63.2 50.6 76.0  
76 43.7 34.8 52.2



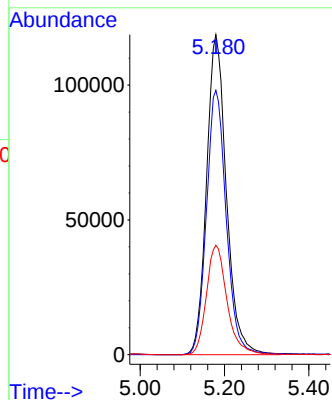


#15  
Acrylonitrile  
Concen: 474.642 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



Tgt Ion: 53 Resp: 388829

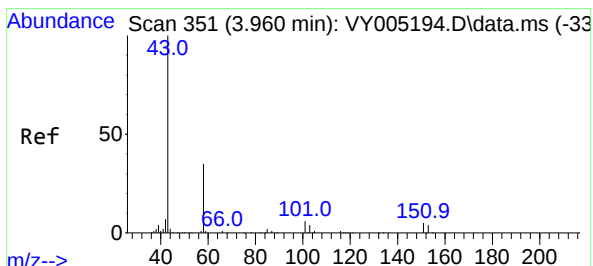
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.4  | 65.4  | 98.2  |
| 51  | 35.6  | 28.4  | 42.6  |



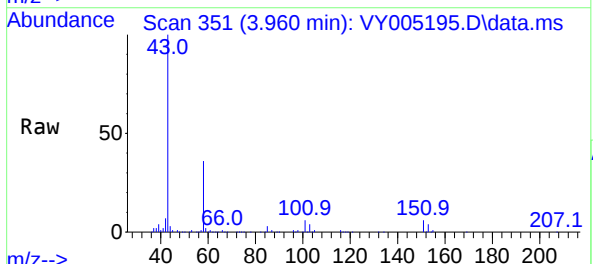
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

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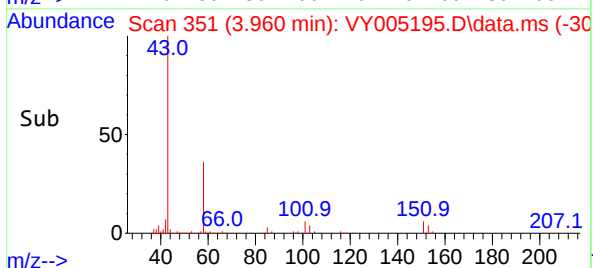
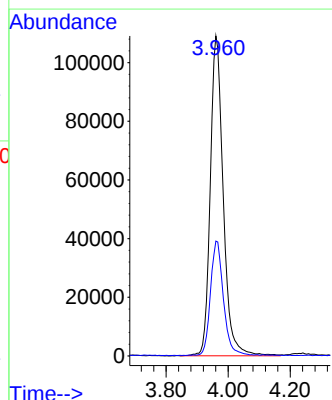


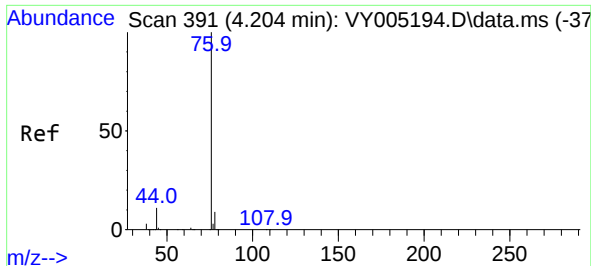
#16  
Acetone  
Concen: 468.724 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



Tgt Ion: 43 Resp: 316457

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 35.8  | 28.2  | 42.2  |





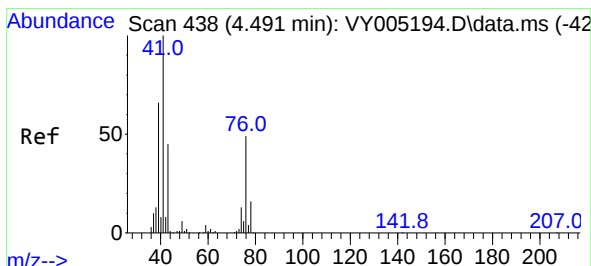
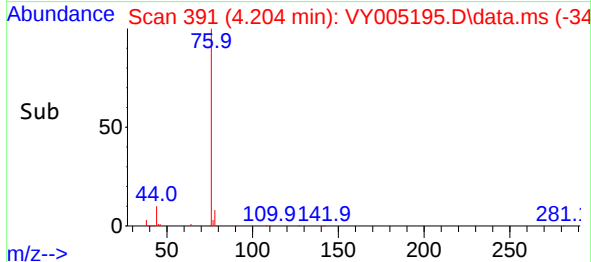
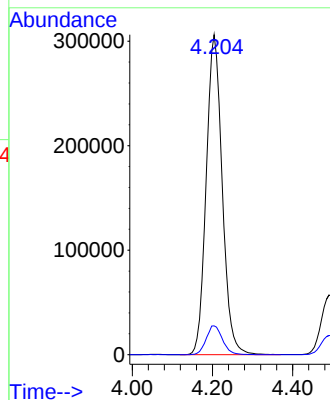
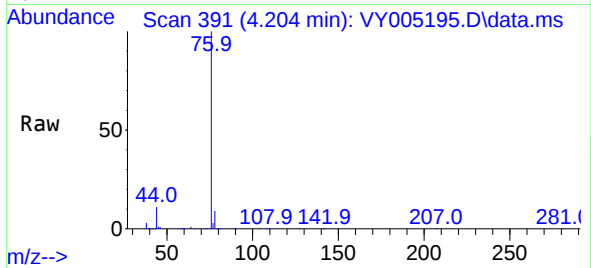
#17  
Carbon Disulfide  
Concen: 92.467 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 76 Resp: 848013  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

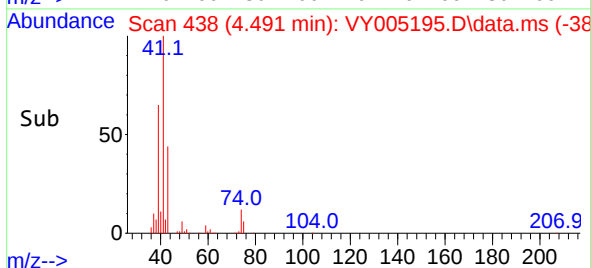
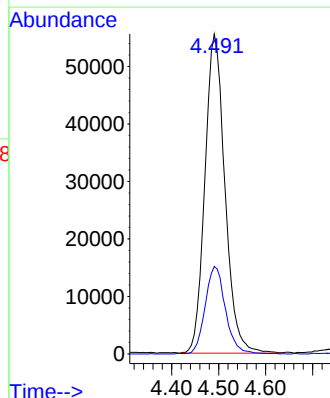
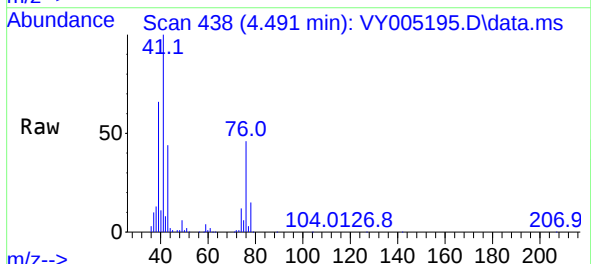
Manual Integrations  
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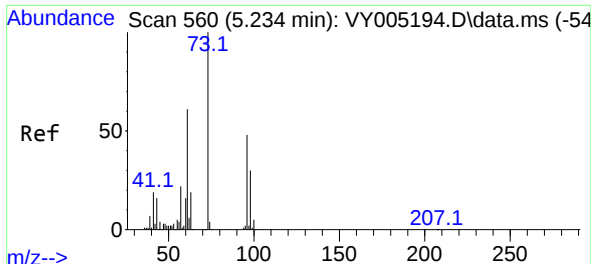
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6/23/2021 5:30:31 PM



#18  
Methyl Acetate  
Concen: 91.389 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 43 Resp: 163977  
Ion Ratio Lower Upper  
43 100  
74 27.9 22.5 33.7





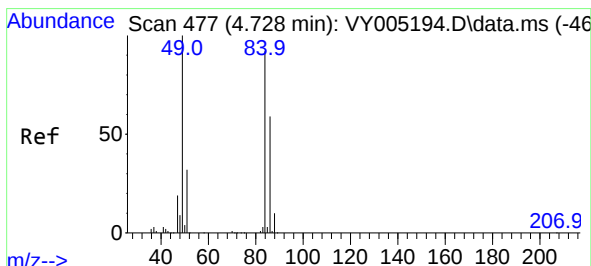
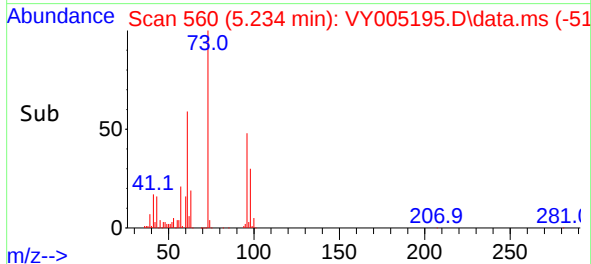
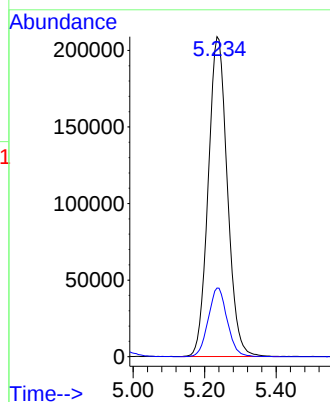
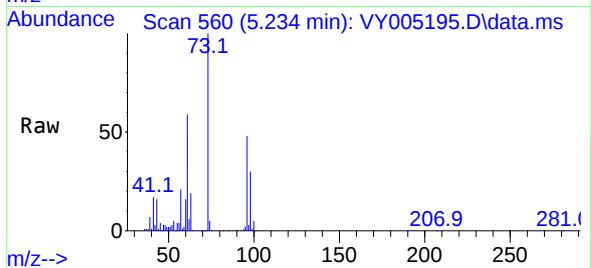
#19  
Methyl tert-butyl Ether  
Concen: 97.065 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 73 Resp: 773801  
Ion Ratio Lower Upper  
73 100  
57 21.5 17.6 26.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

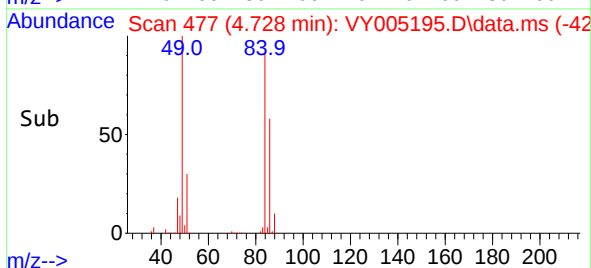
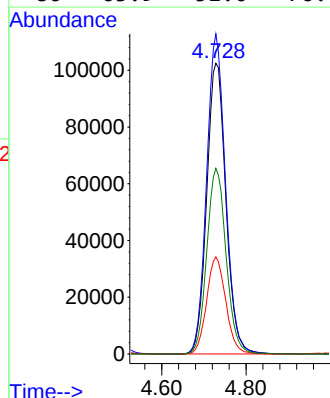
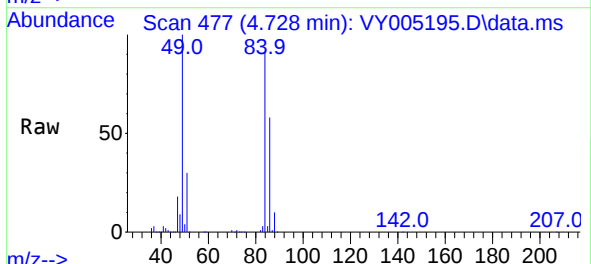
Manual Integrations  
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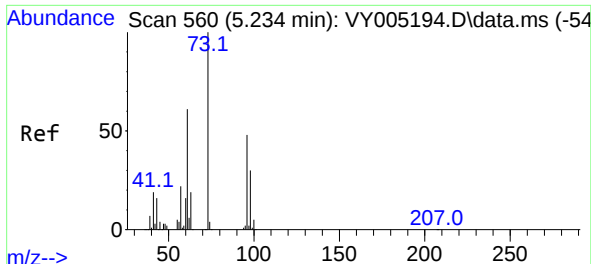
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#20  
Methylene Chloride  
Concen: 67.868 ug/l  
RT: 4.728 min Scan# 477  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 84 Resp: 324260  
Ion Ratio Lower Upper  
84 100  
49 110.1 86.9 130.3  
51 33.4 27.4 41.2  
86 63.9 51.0 76.6





#21  
trans-1,2-Dichloroethene  
Concen: 95.042 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

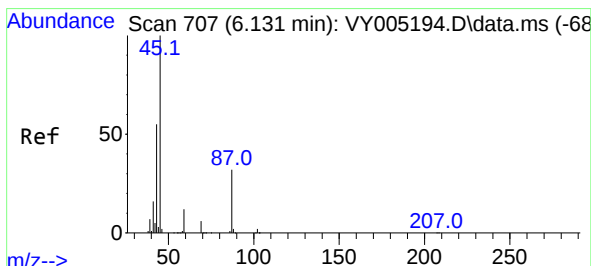
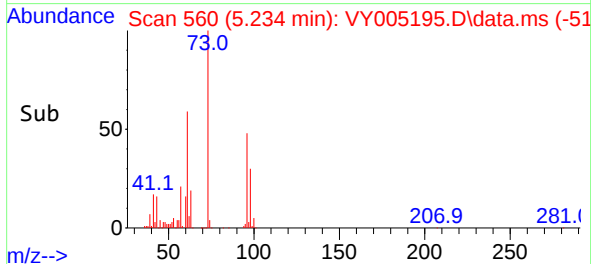
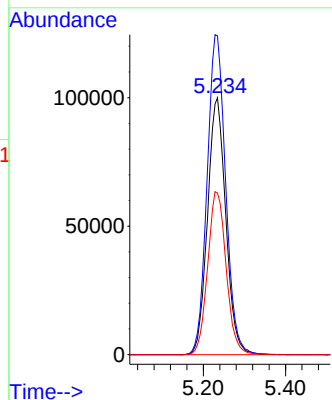
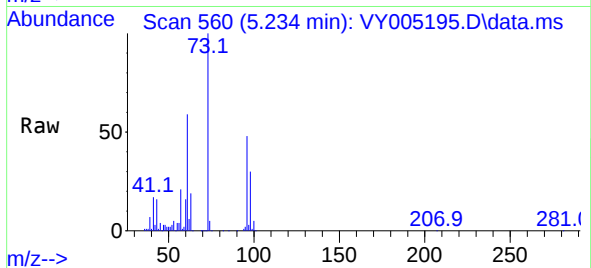
Tgt Ion: 96 Resp: 308579  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 124.1 | 102.2 | 153.4 |
| 98  | 62.9  | 51.0  | 76.6  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Manual Integrations  
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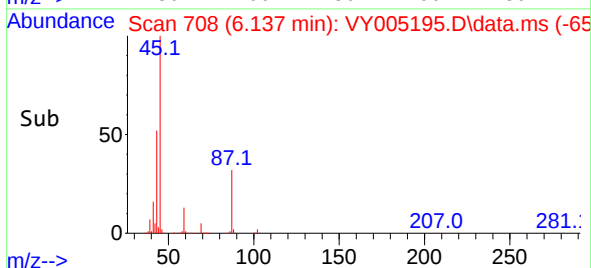
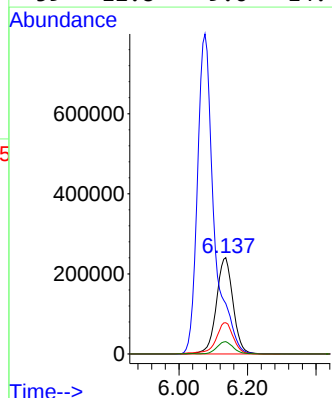
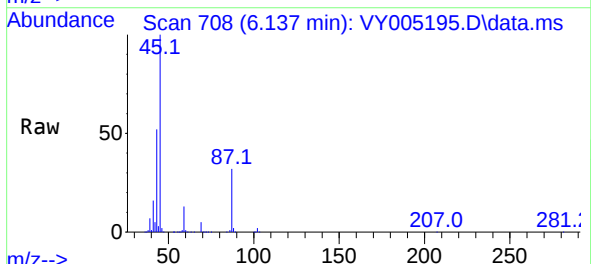
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6/23/2021 5:30:31 PM

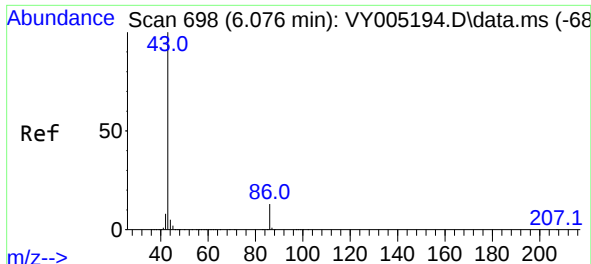


#22  
Diisopropyl ether  
Concen: 92.690 ug/l  
RT: 6.137 min Scan# 708  
Delta R.T. 0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 45 Resp: 807037  

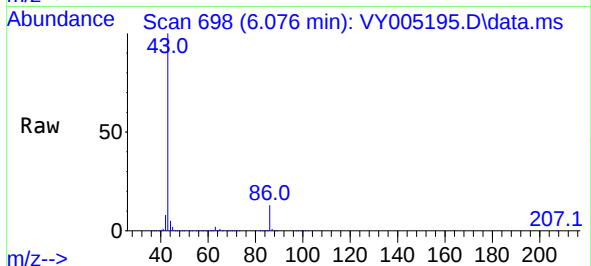
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 52.2  | 44.2  | 66.4  |
| 87  | 32.4  | 26.0  | 39.0  |
| 59  | 12.8  | 9.6   | 14.4  |





#23  
 Vinyl Acetate  
 Concen: 476.524 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. -0.000 min  
 Lab File: VY005195.D  
 Acq: 22 Jun 2021 13:44

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

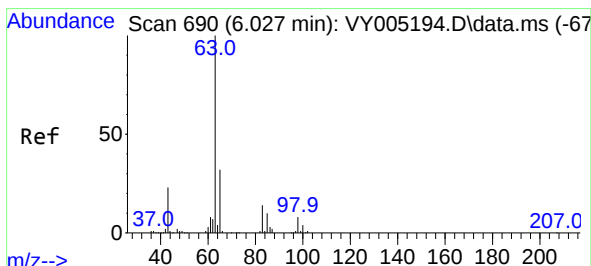
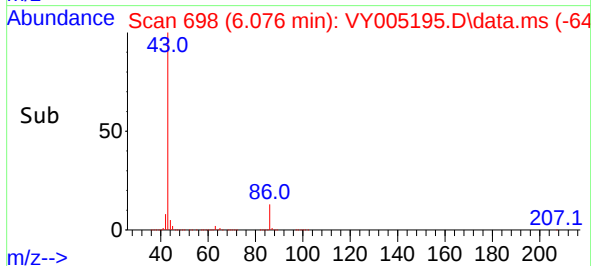
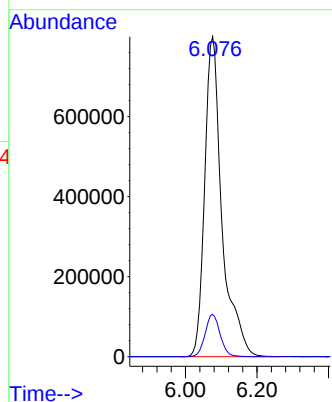


Tgt Ion: 43 Resp: 2684953  

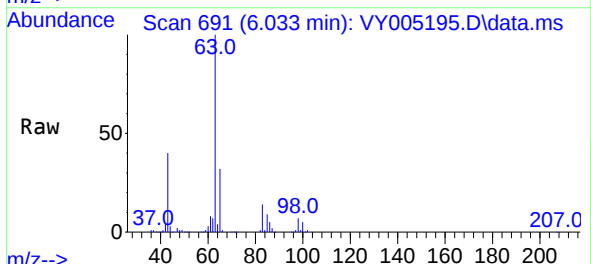
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 13.2  | 10.3  | 15.5  |

Manual Integrations  
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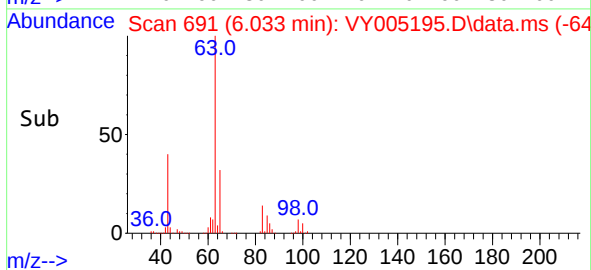
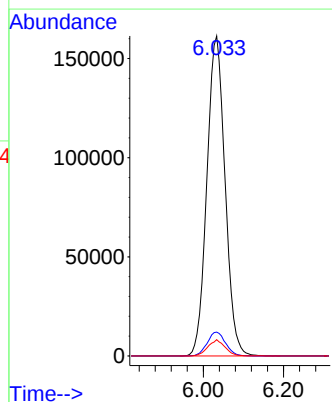


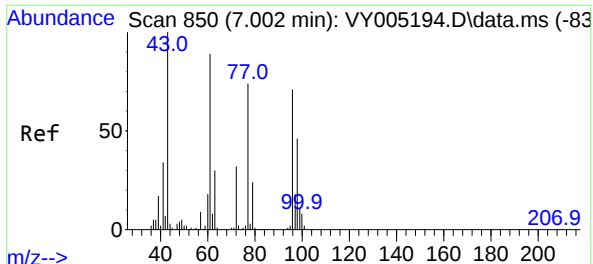
#24  
 1,1-Dichloroethane  
 Concen: 93.905 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. 0.006 min  
 Lab File: VY005195.D  
 Acq: 22 Jun 2021 13:44



Tgt Ion: 63 Resp: 507441  

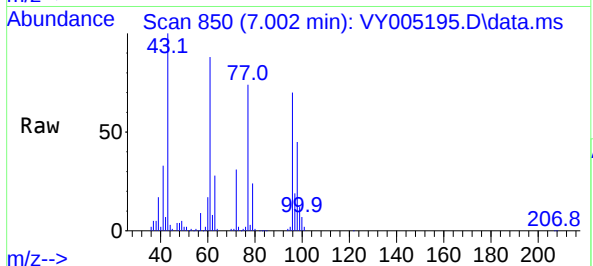
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.4   | 3.8   | 11.4  |
| 100 | 5.1   | 2.1   | 6.5   |





#25  
2-Butanone  
Concen: 484.541 ug/l  
RT: 7.002 min Scan# 850  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

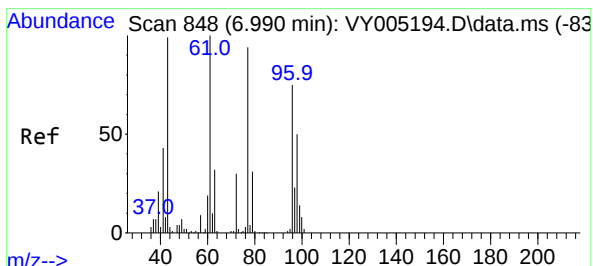
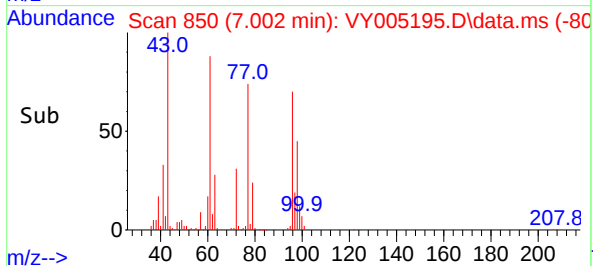
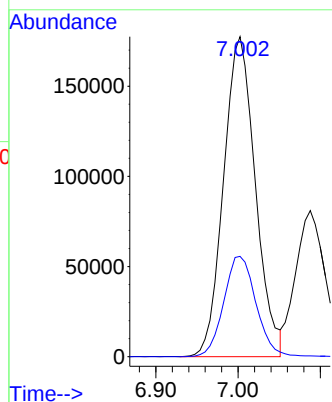
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



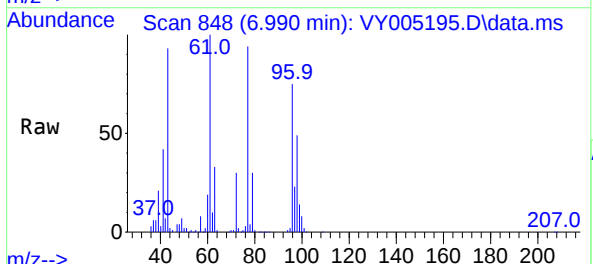
Tgt Ion: 43 Resp: 477013  
Ion Ratio Lower Upper  
43 100  
72 31.4 25.3 37.9

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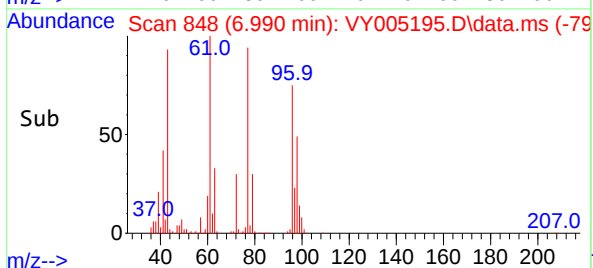
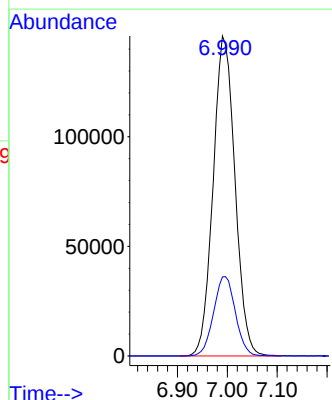
MMDadoda  
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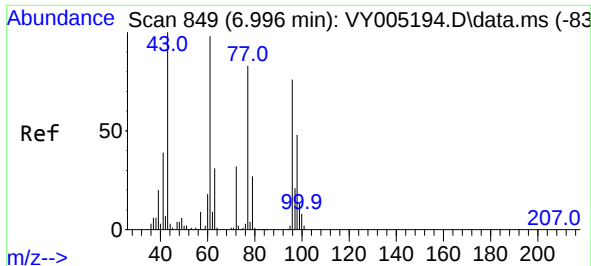


#26  
2,2-Dichloropropane  
Concen: 94.391 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



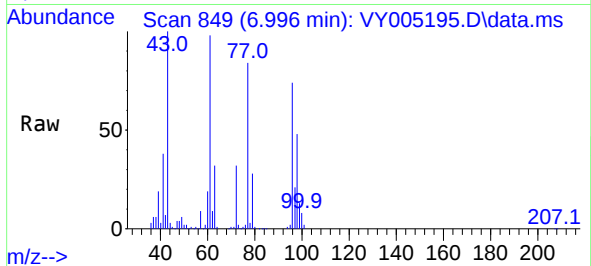
Tgt Ion: 77 Resp: 444793  
Ion Ratio Lower Upper  
77 100  
97 24.7 12.2 36.6





#27  
cis-1,2-Dichloroethene  
Concen: 95.316 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

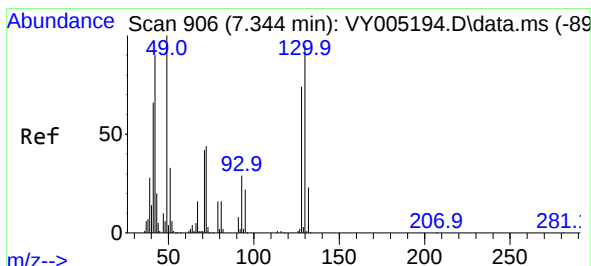
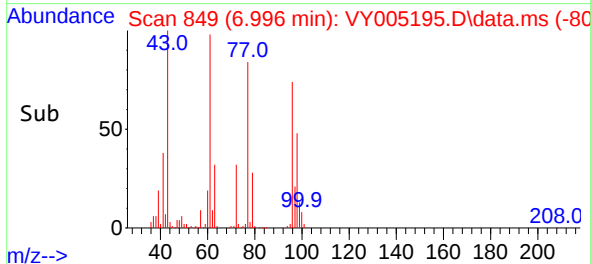
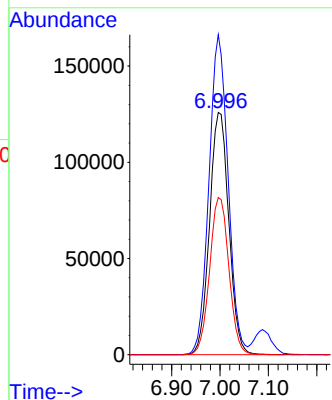
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



Tgt Ion: 96 Resp: 348055  
Ion Ratio Lower Upper  
96 100  
61 131.0 0.0 261.6  
98 64.9 0.0 129.4

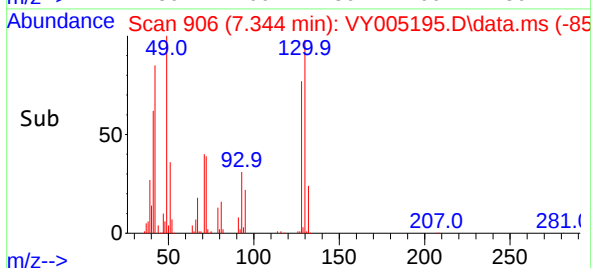
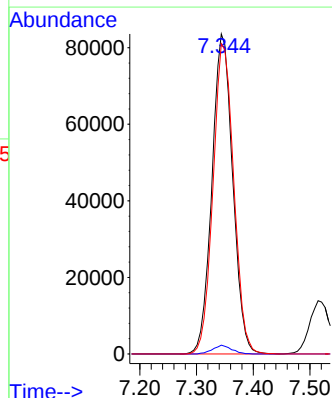
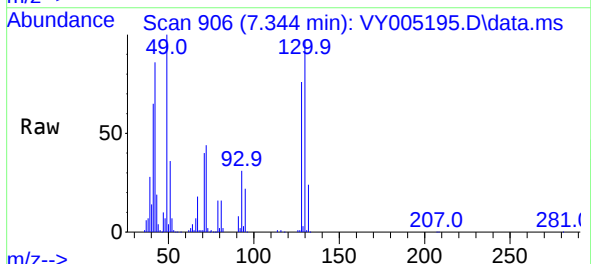
Manual Integrations  
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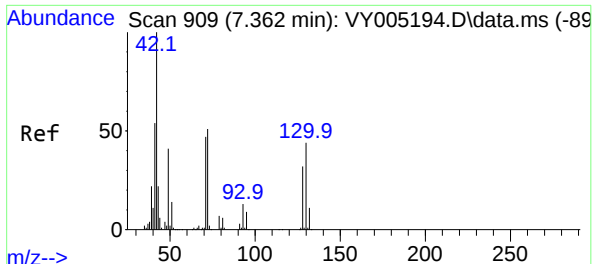
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#28  
Bromochloromethane  
Concen: 98.293 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 49 Resp: 212515  
Ion Ratio Lower Upper  
49 100  
129 2.5 0.0 4.8  
130 96.8 74.9 112.3





#29  
Tetrahydrofuran  
Concen: 472.937 ug/l  
RT: 7.362 min Scan# 909  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

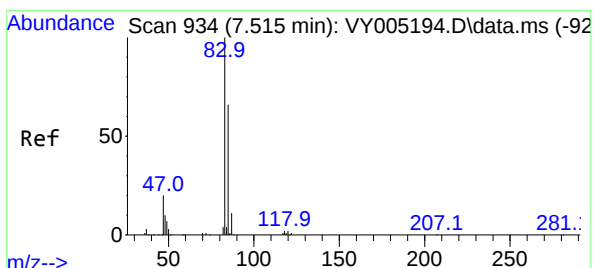
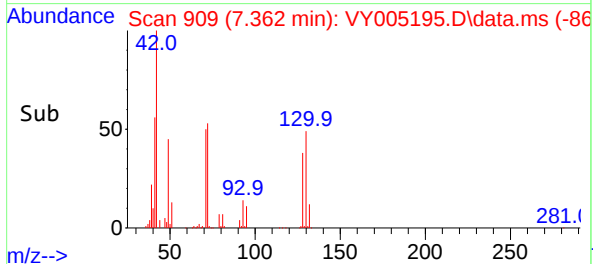
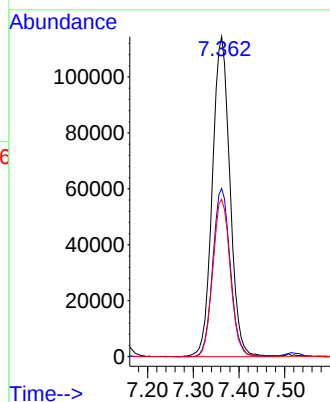
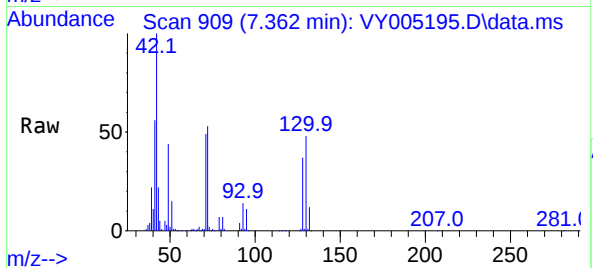
Tgt Ion: 42 Resp: 306327  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 52.2  | 40.9  | 61.3  |
| 71  | 48.9  | 37.9  | 56.9  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

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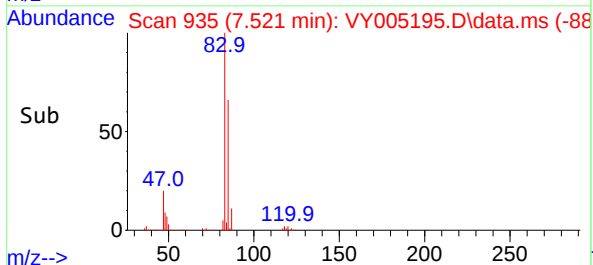
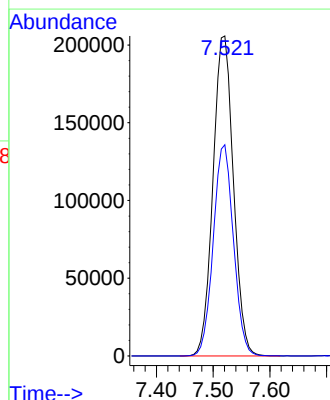
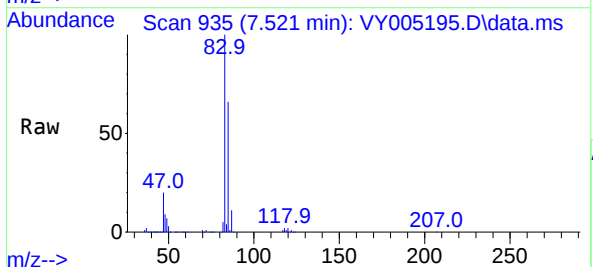
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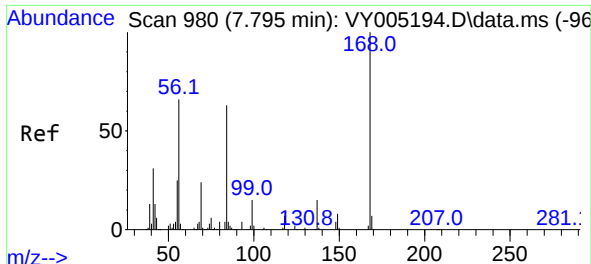


#30  
Chloroform  
Concen: 93.592 ug/l  
RT: 7.521 min Scan# 935  
Delta R.T. 0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 83 Resp: 514661  

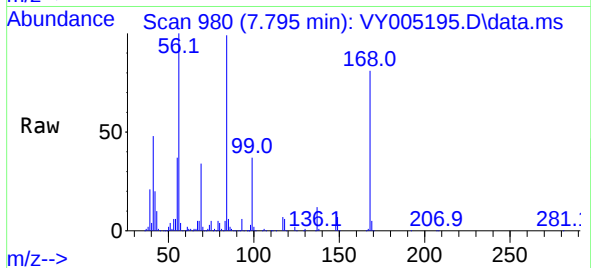
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 66.0  | 52.7  | 79.1  |





#31  
Cyclohexane  
Concen: 90.071 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

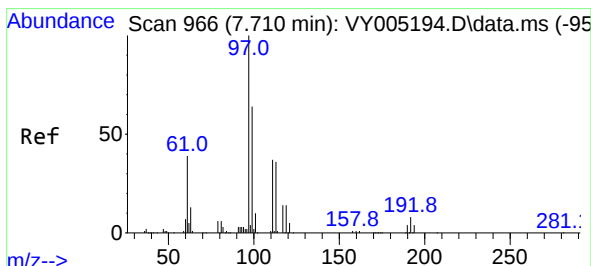
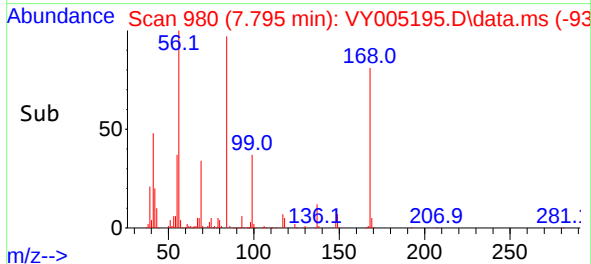
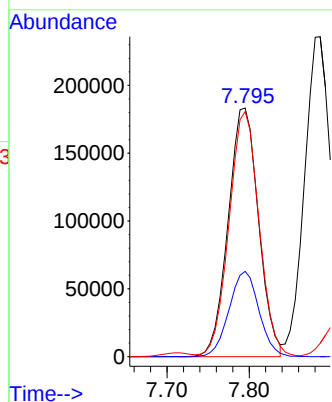
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



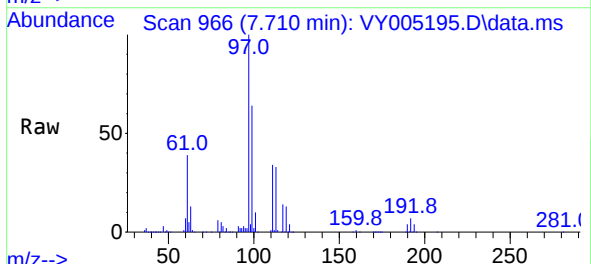
Tgt Ion: 56 Resp: 469951  
Ion Ratio Lower Upper  
56 100  
69 34.3 29.6 44.4  
84 97.1 76.4 114.6

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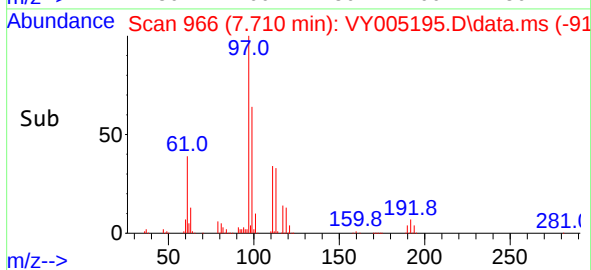
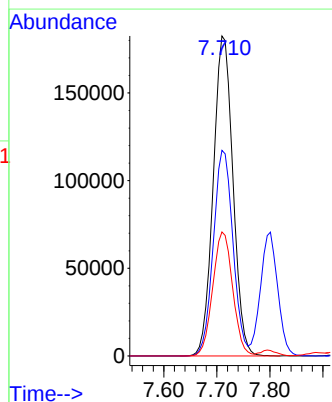
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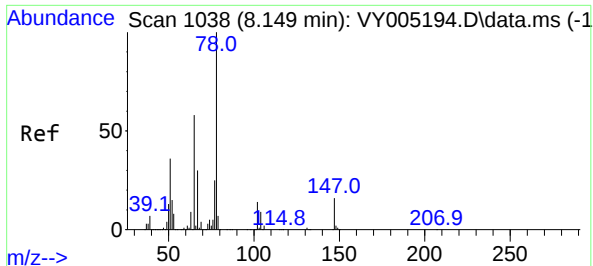


#32  
1,1,1-Trichloroethane  
Concen: 96.121 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



Tgt Ion: 97 Resp: 471427  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.7 77.5  
61 39.2 31.4 47.0





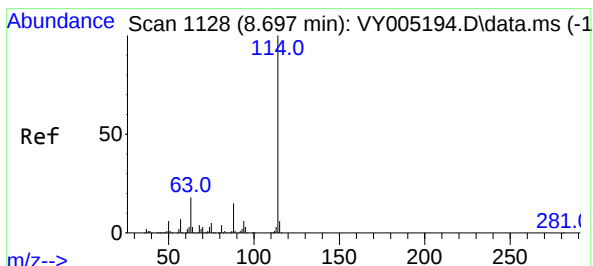
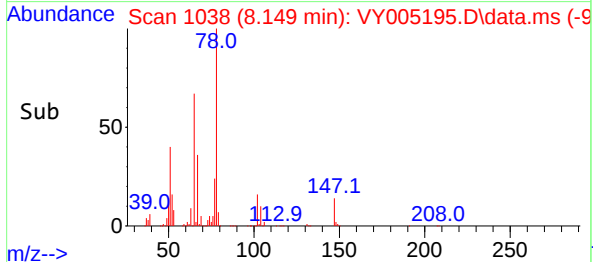
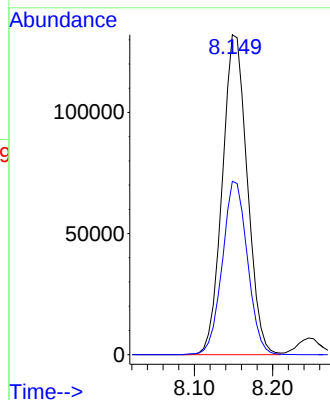
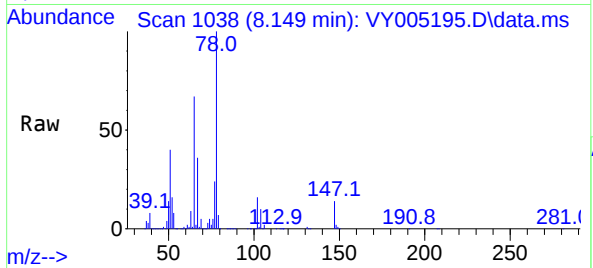
#33  
1,2-Dichloroethane-d4  
Concen: 100.040 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 65 Resp: 292370  
Ion Ratio Lower Upper  
65 100  
67 54.5 0.0 110.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

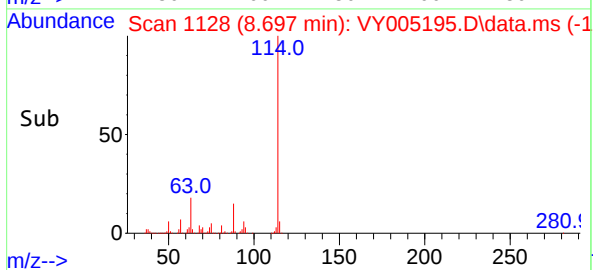
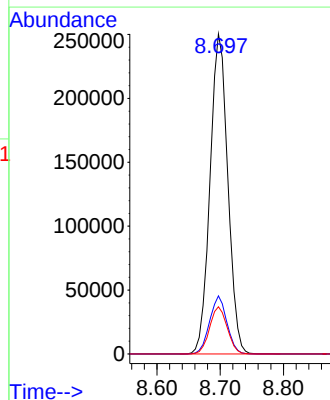
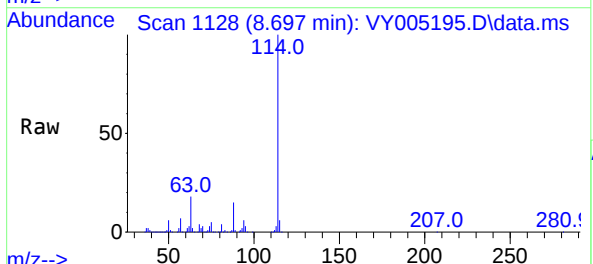
Manual Integrations  
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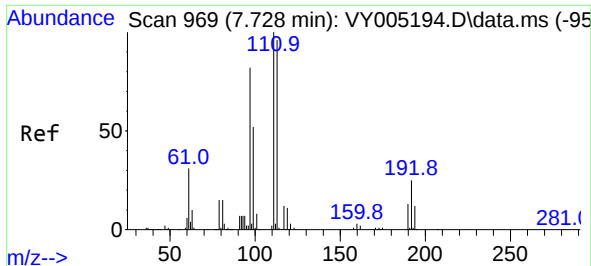
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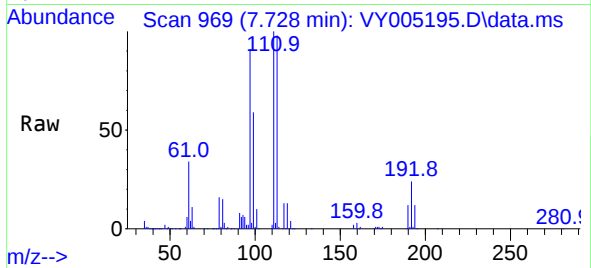
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 114 Resp: 488911  
Ion Ratio Lower Upper  
114 100  
63 18.2 0.0 35.2  
88 14.7 0.0 29.4

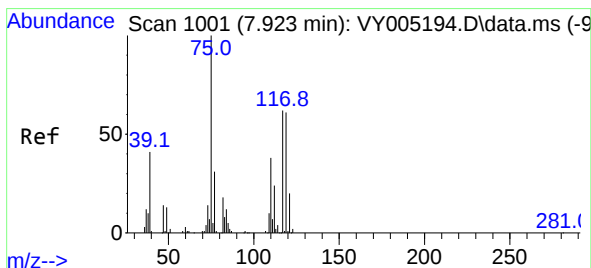
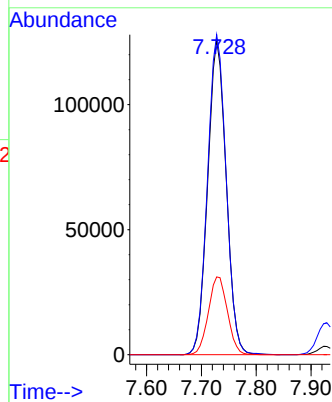
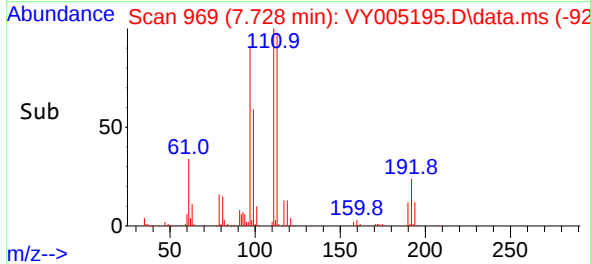




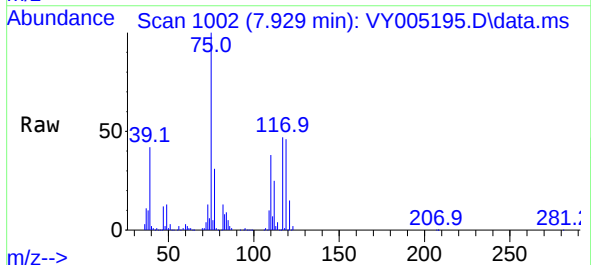
#35  
Dibromofluoromethane  
Concen: 102.107 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



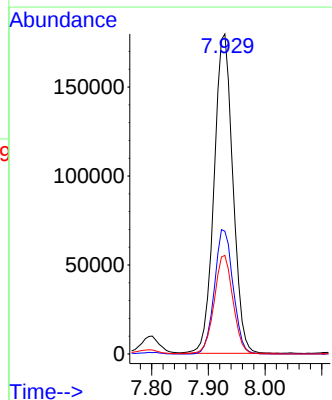
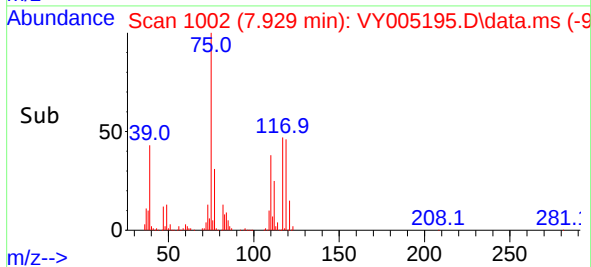
Tgt Ion:113 Resp: 294413  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.6 124.0  
192 25.5 20.2 30.2



#36  
1,1-Dichloropropene  
Concen: 95.826 ug/l  
RT: 7.929 min Scan# 1002  
Delta R.T. 0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



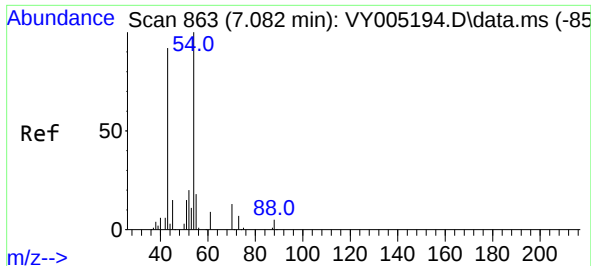
Tgt Ion: 75 Resp: 412550  
Ion Ratio Lower Upper  
75 100  
110 38.7 19.1 57.5  
77 31.0 25.2 37.8



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Manual Integrations  
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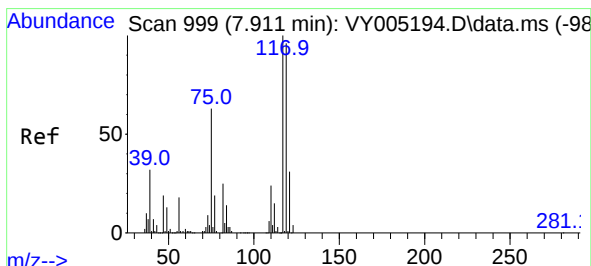
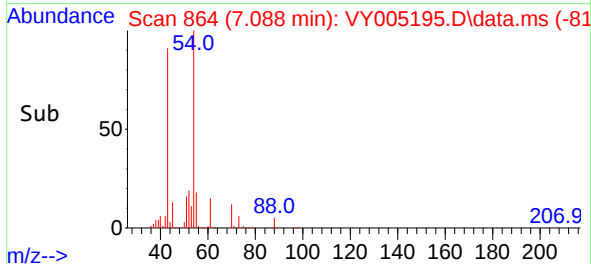
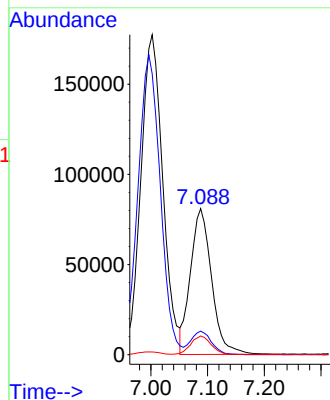
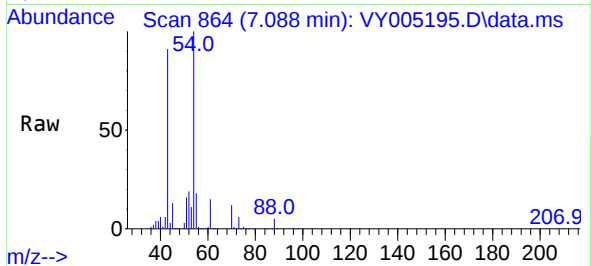
#37  
Ethyl Acetate  
Concen: 94.358 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 43 Resp: 209483  
Ion Ratio Lower Upper  
43 100  
61 15.5 12.8 19.2  
70 12.6 9.7 14.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

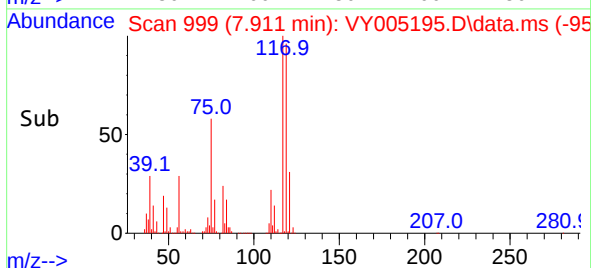
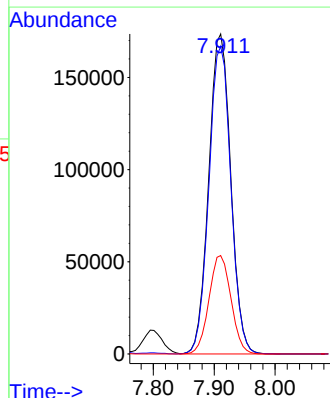
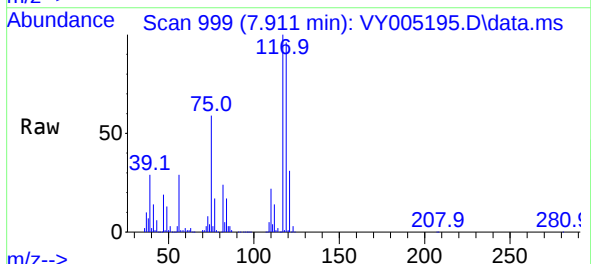
Manual Integrations  
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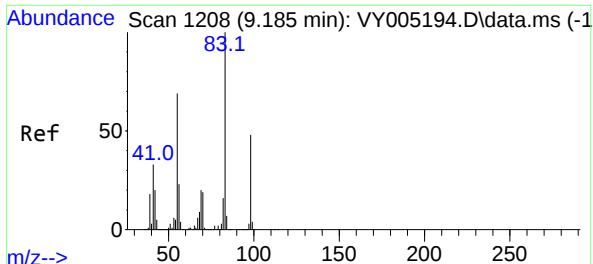
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#38  
Carbon Tetrachloride  
Concen: 96.870 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 117 Resp: 436563  
Ion Ratio Lower Upper  
117 100  
119 96.2 76.2 114.4  
121 30.7 24.7 37.1





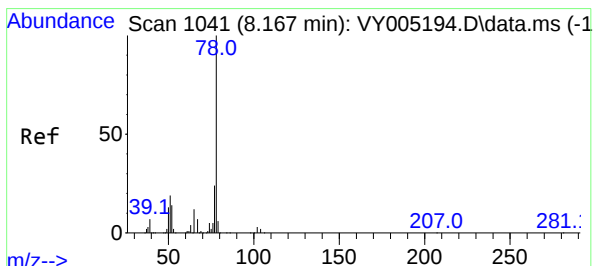
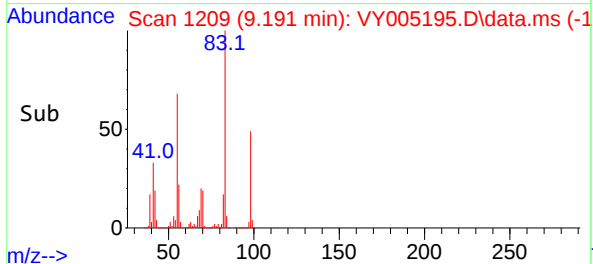
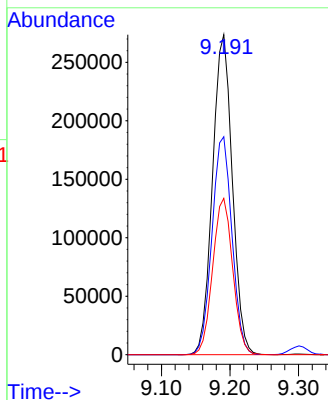
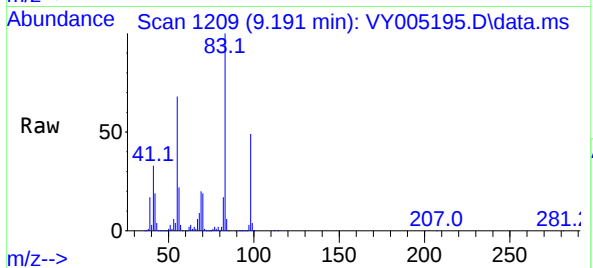
#39  
Methylcyclohexane  
Concen: 98.342 ug/l  
RT: 9.191 min Scan# 1209  
Delta R.T. 0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 83 Resp: 547928  
Ion Ratio Lower Upper  
83 100  
55 68.1 55.5 83.3  
98 48.8 38.4 57.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

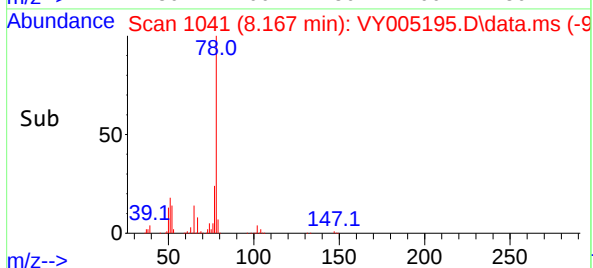
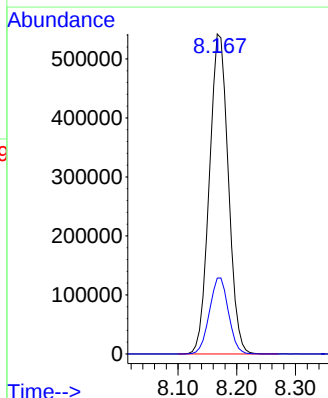
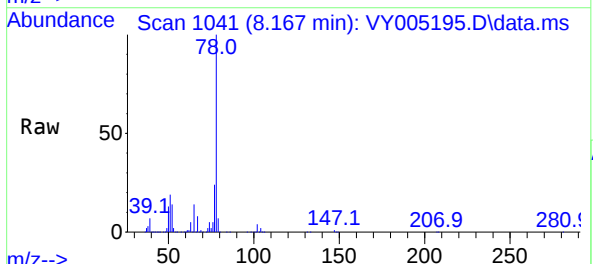
Manual Integrations  
APPROVED

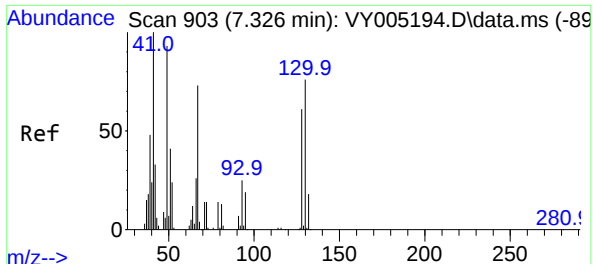
MMDadoda  
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#40  
Benzene  
Concen: 95.660 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 78 Resp: 1214373  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.1 28.7





#41  
Methacrylonitrile  
Concen: 96.356 ug/l m  
RT: 7.338 min Scan# 905  
Delta R.T. 0.012 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

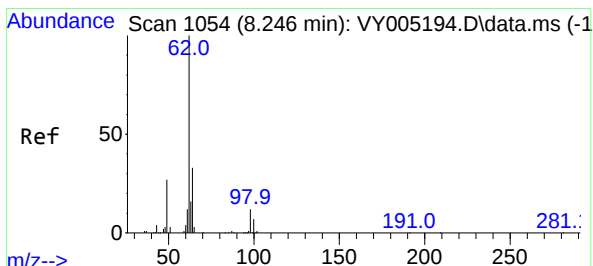
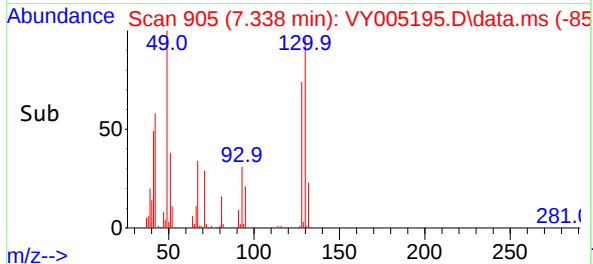
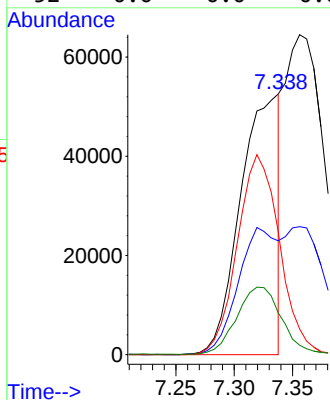
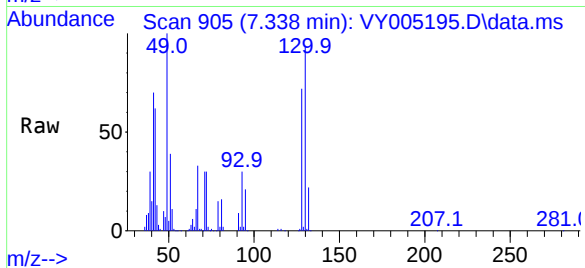
Tgt Ion: 41 Resp: 122232

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

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Manual Integrations  
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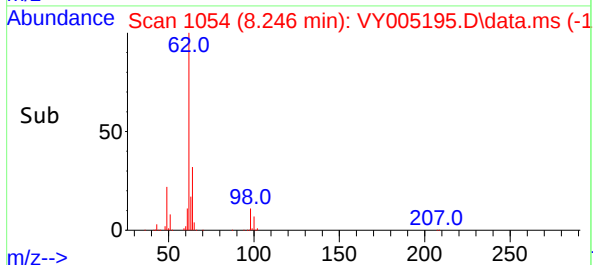
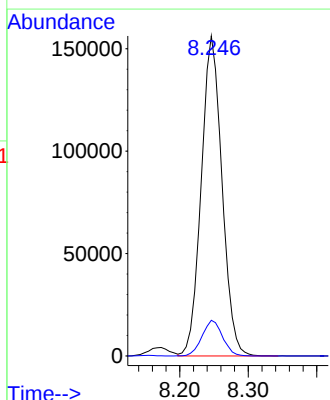
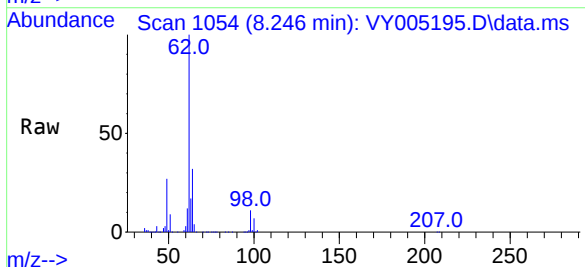
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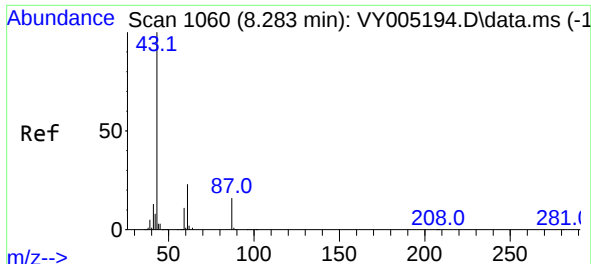


#42  
1,2-Dichloroethane  
Concen: 95.508 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 62 Resp: 329321

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 11.0  | 0.0   | 22.0  |





#43  
Isopropyl Acetate  
Concen: 96.792 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

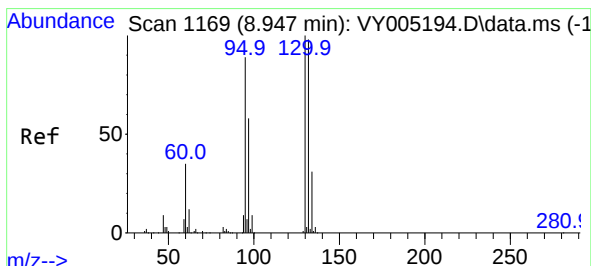
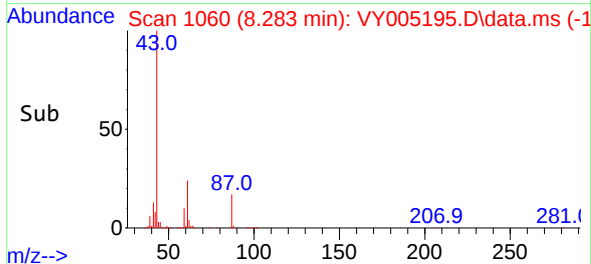
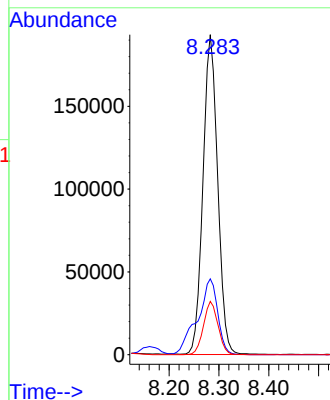
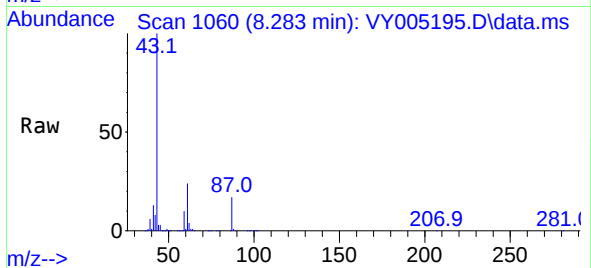
Tgt Ion: 43 Resp: 394980  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 32.7  | 25.5  | 38.3  |
| 87  | 16.5  | 12.9  | 19.3  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Manual Integrations  
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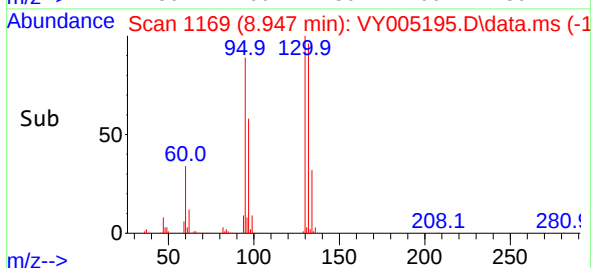
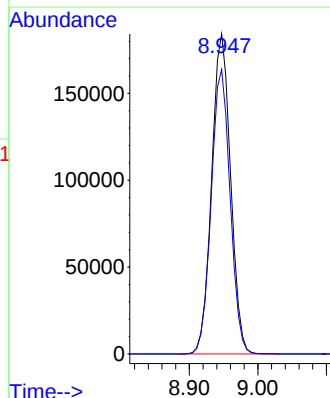
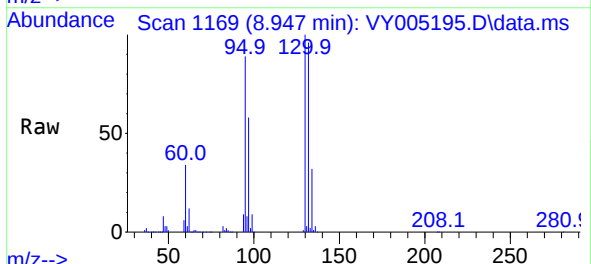
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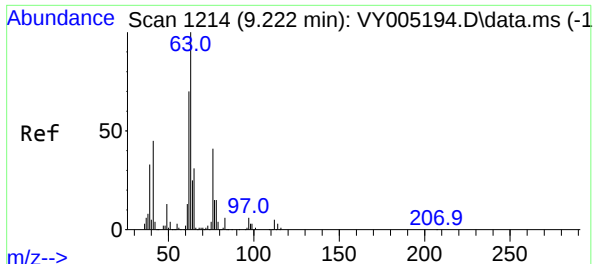


#44  
Trichloroethene  
Concen: 98.260 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 130 Resp: 352662  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 88.9  | 0.0   | 177.8 |





#45

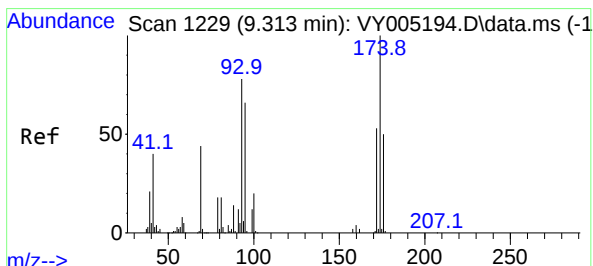
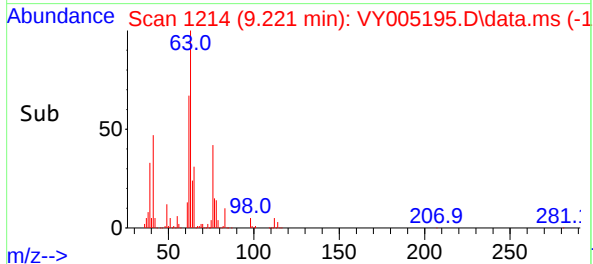
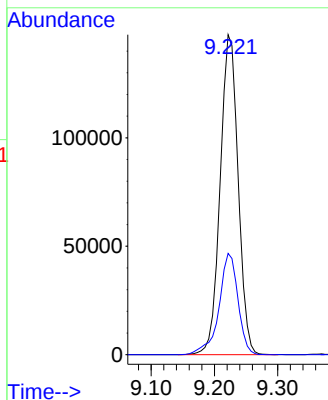
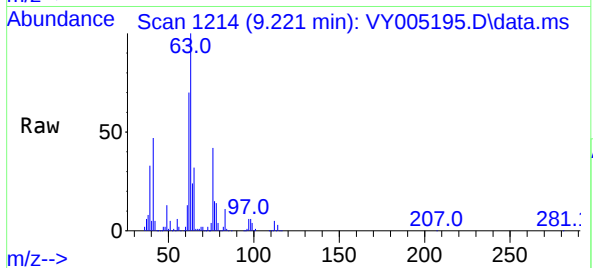
1,2-Dichloropropane  
Concen: 95.468 ug/l  
RT: 9.221 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 63 Resp: 289998  
Ion Ratio Lower Upper  
63 100  
65 31.6 24.7 37.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

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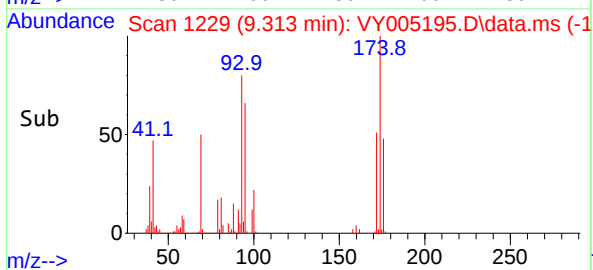
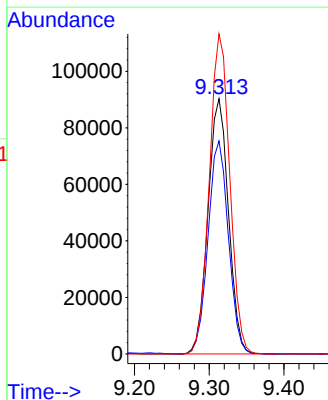
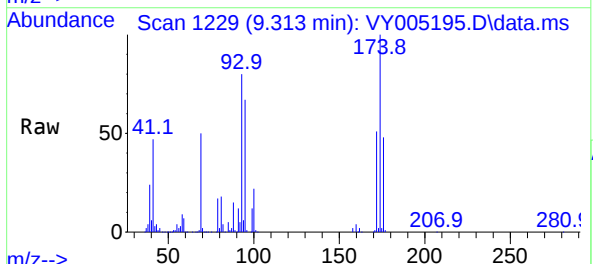
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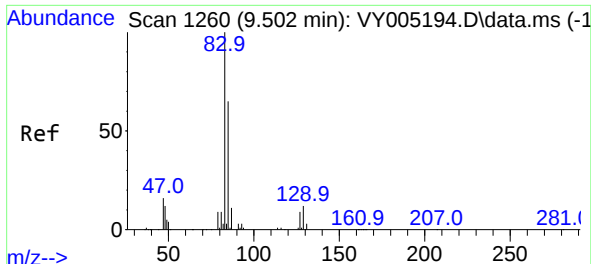


#46

Dibromomethane  
Concen: 97.782 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 93 Resp: 172740  
Ion Ratio Lower Upper  
93 100  
95 82.8 66.6 99.8  
174 124.7 100.5 150.7





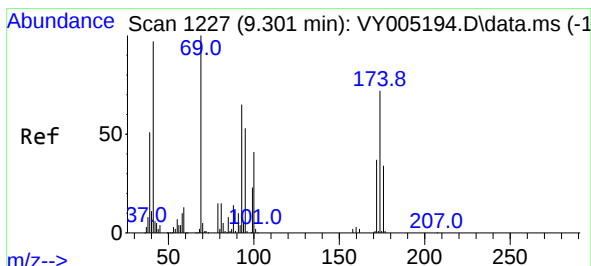
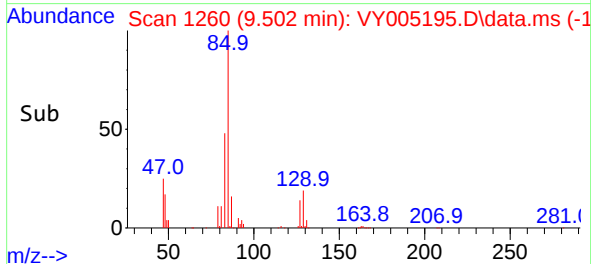
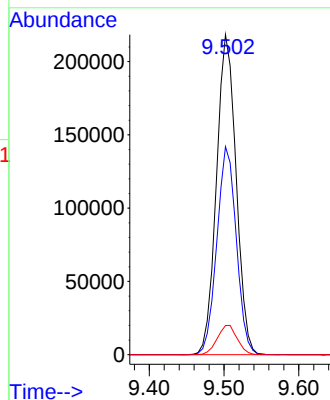
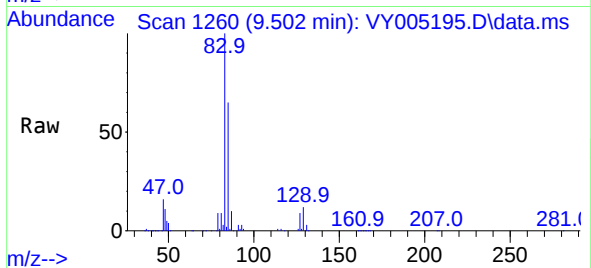
#47  
Bromodichloromethane  
Concen: 96.421 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 83 Resp: 399399  
Ion Ratio Lower Upper  
83 100  
85 65.0 51.8 77.8  
127 9.1 7.3 10.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

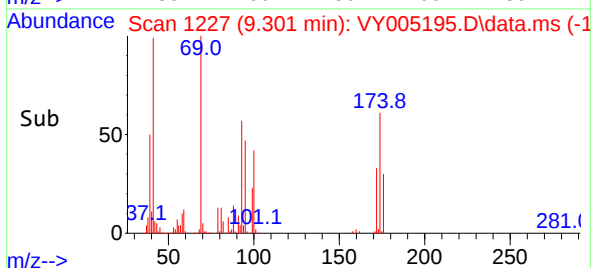
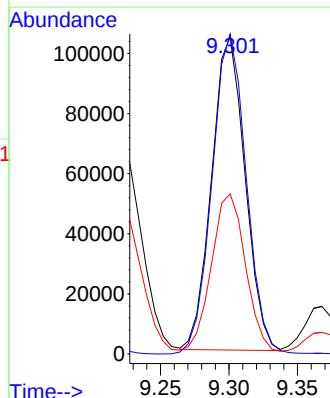
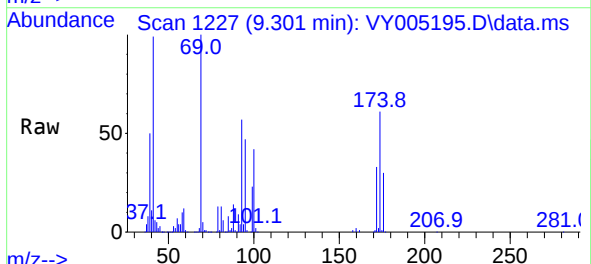
Manual Integrations  
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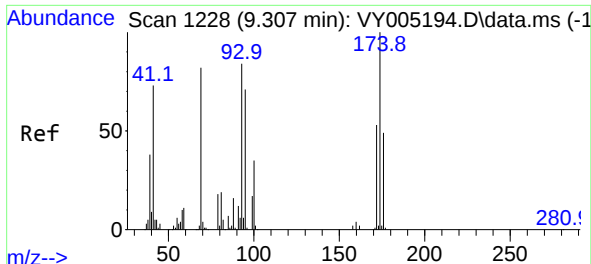
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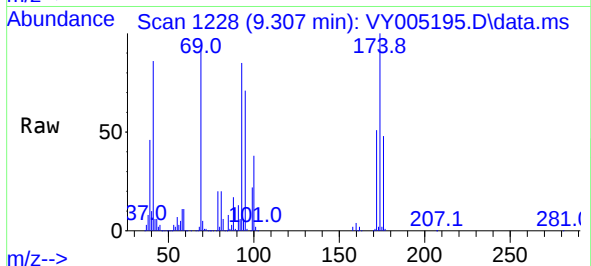
#48  
Methyl methacrylate  
Concen: 98.798 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 41 Resp: 176872  
Ion Ratio Lower Upper  
41 100  
69 104.7 83.3 124.9  
39 52.9 42.3 63.5

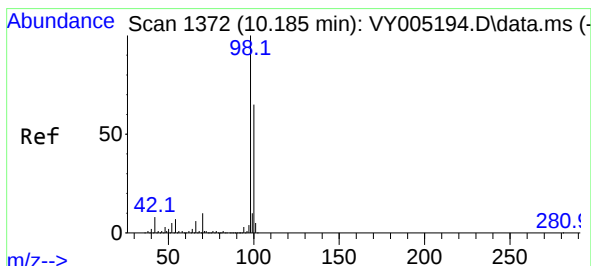
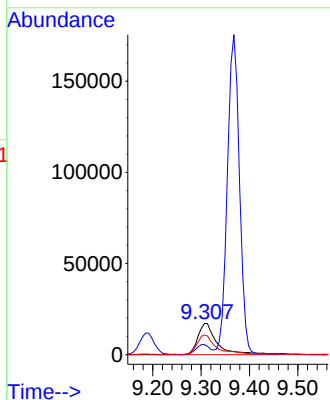
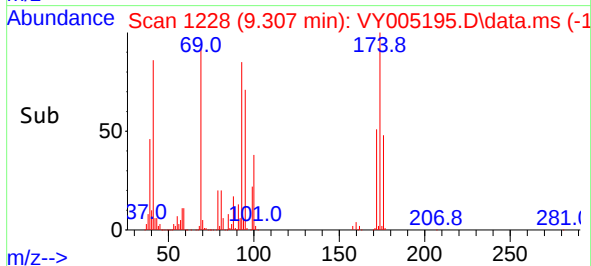




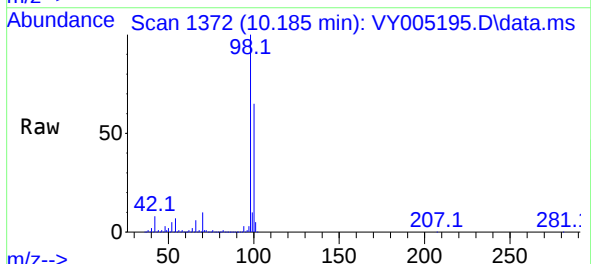
#49  
1,4-Dioxane  
Concen: 2052.637 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



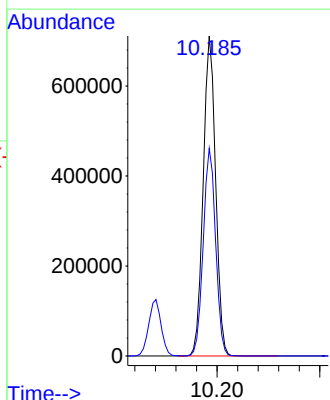
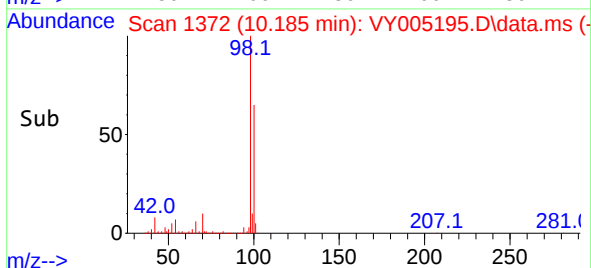
Tgt Ion: 88 Resp: 47685  
Ion Ratio Lower Upper  
88 100  
43 23.3 19.6 29.4  
58 64.2 52.1 78.1



#50  
Toluene-d8  
Concen: 103.038 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



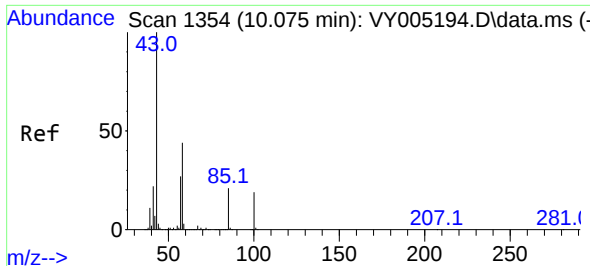
Tgt Ion: 98 Resp: 1188120  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.9 77.9



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

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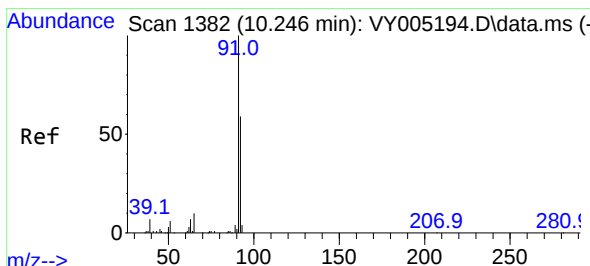
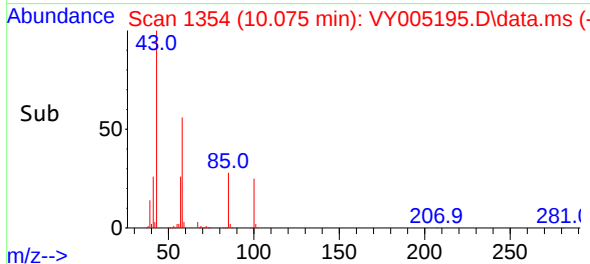
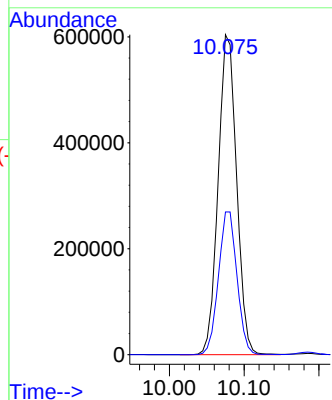
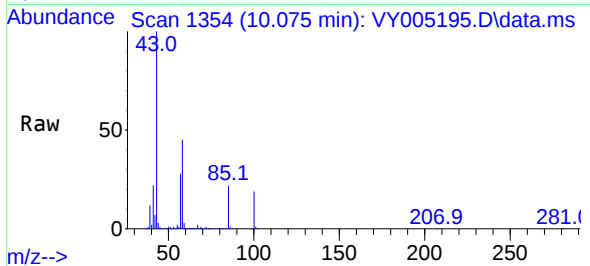
#51  
4-Methyl-2-Pentanone  
Concen: 484.194 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 43 Resp: 1034177  
Ion Ratio Lower Upper  
43 100  
58 44.9 35.3 52.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

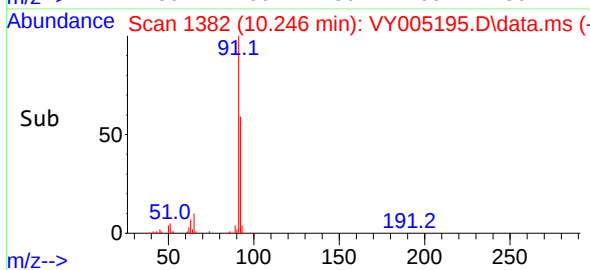
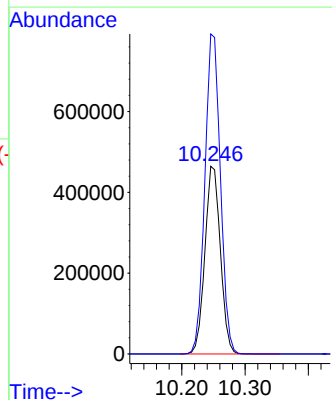
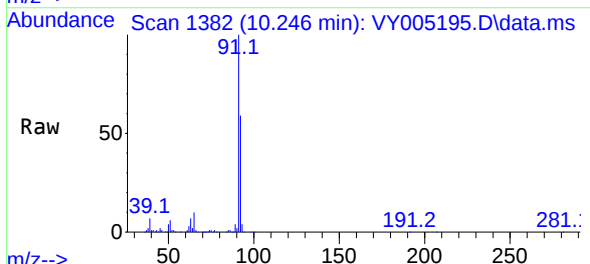
Manual Integrations  
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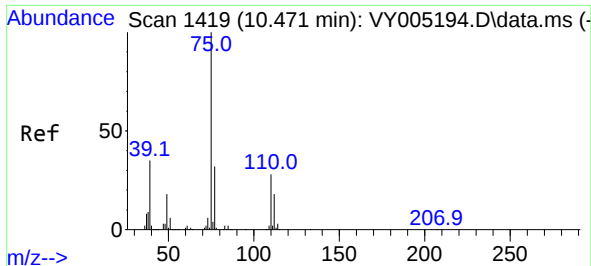
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#52  
Toluene  
Concen: 97.396 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 92 Resp: 790292  
Ion Ratio Lower Upper  
92 100  
91 171.4 138.3 207.5





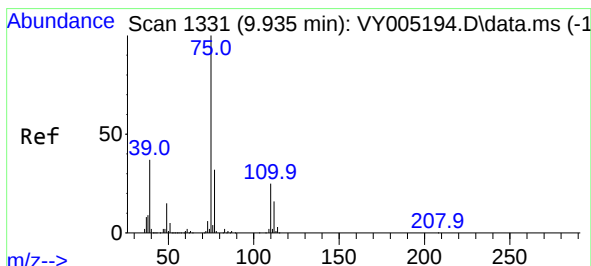
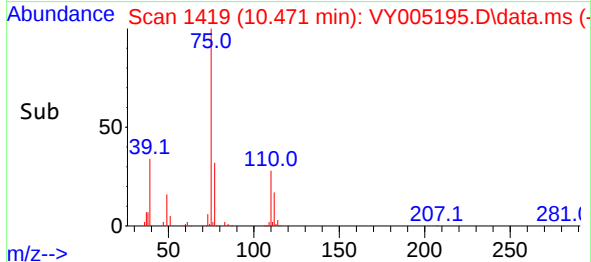
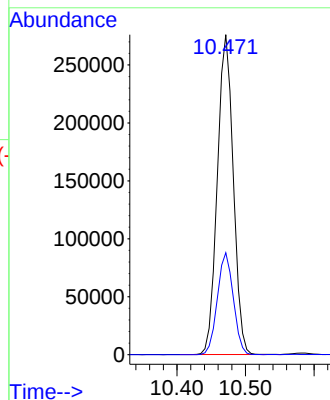
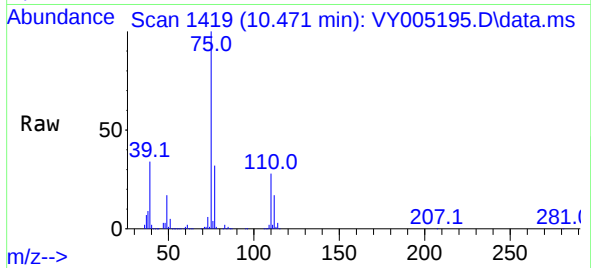
#53  
t-1,3-Dichloropropene  
Concen: 98.156 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 75 Resp: 445066  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.3 37.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

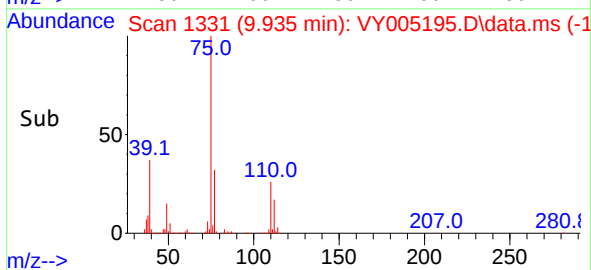
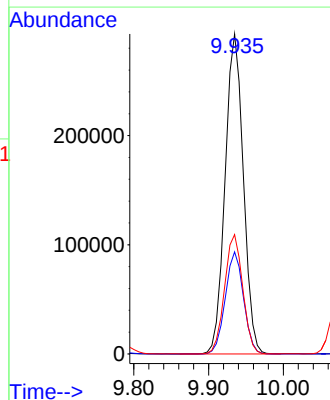
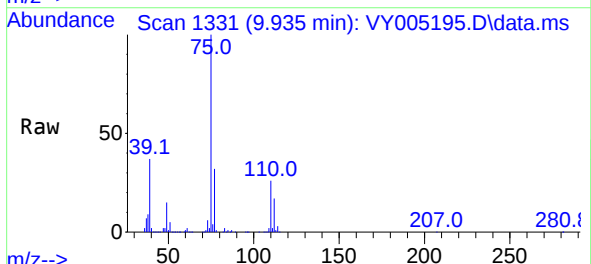
Manual Integrations  
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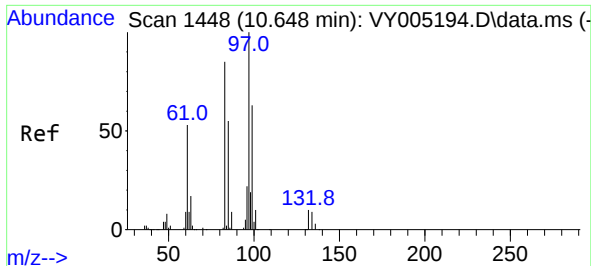
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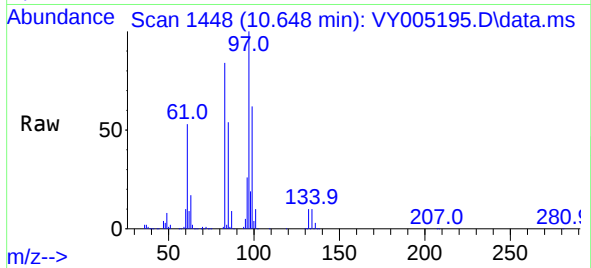
#54  
cis-1,3-Dichloropropene  
Concen: 97.245 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 75 Resp: 497115  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.8 38.8  
39 37.3 29.4 44.0



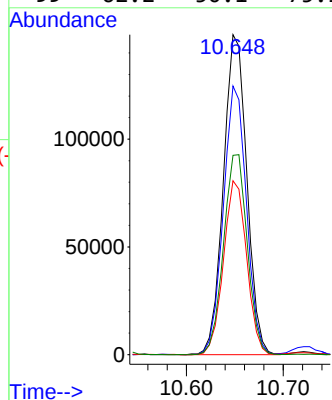


#55  
1,1,2-Trichloroethane  
Concen: 96.826 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



Tgt Ion: 97 Resp: 249796

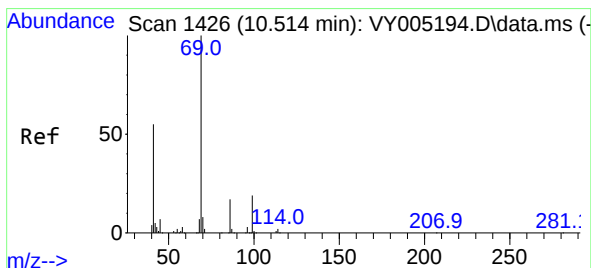
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.9  | 68.4  | 102.6 |
| 85  | 54.4  | 43.7  | 65.5  |
| 99  | 62.2  | 50.1  | 75.1  |



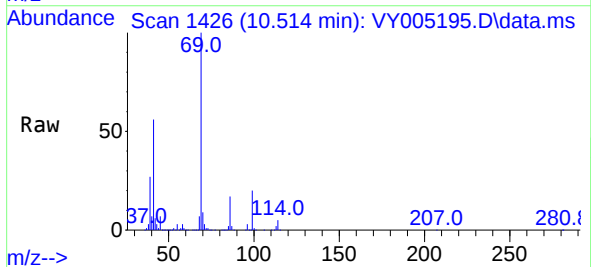
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

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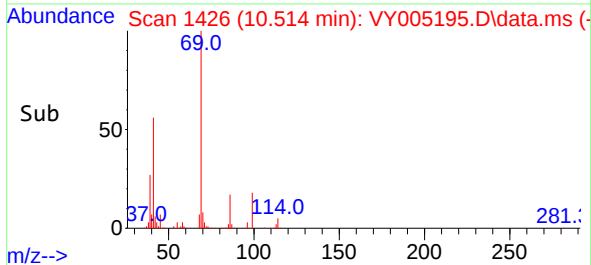
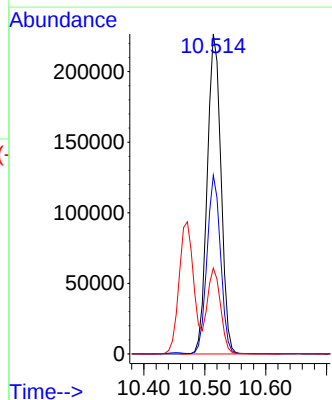


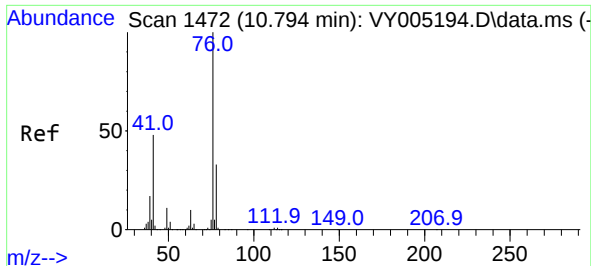
#56  
Ethyl methacrylate  
Concen: 101.473 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



Tgt Ion: 69 Resp: 355361

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 54.6  | 44.4  | 66.6  |
| 39  | 25.4  | 20.5  | 30.7  |





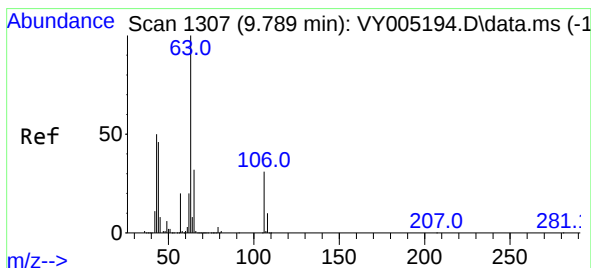
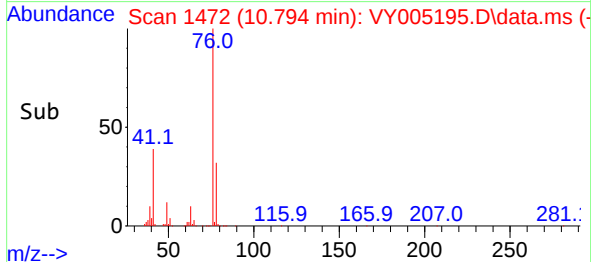
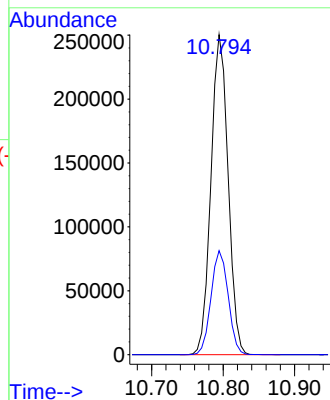
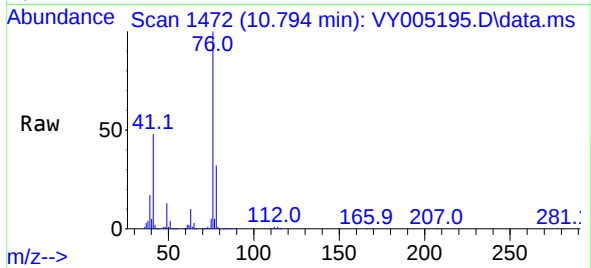
#57  
1,3-Dichloropropane  
Concen: 96.446 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 76 Resp: 416738  
Ion Ratio Lower Upper  
76 100  
78 32.5 26.0 39.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

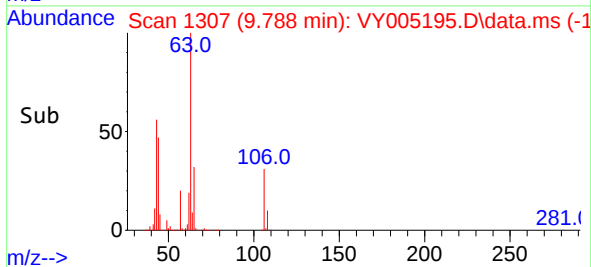
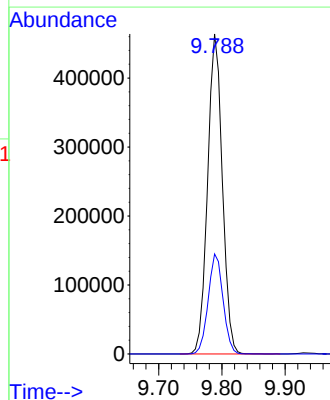
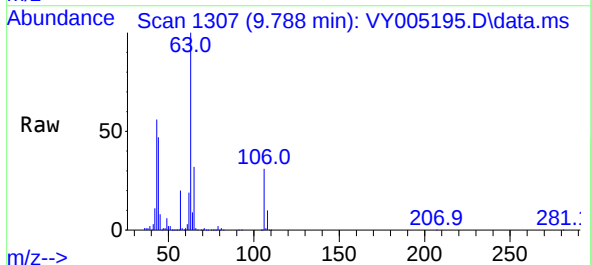
Manual Integrations  
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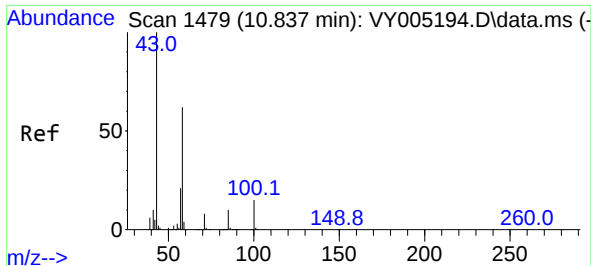
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#58  
2-Chloroethyl Vinyl ether  
Concen: 486.476 ug/l  
RT: 9.788 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 63 Resp: 751411  
Ion Ratio Lower Upper  
63 100  
106 31.5 24.7 37.1





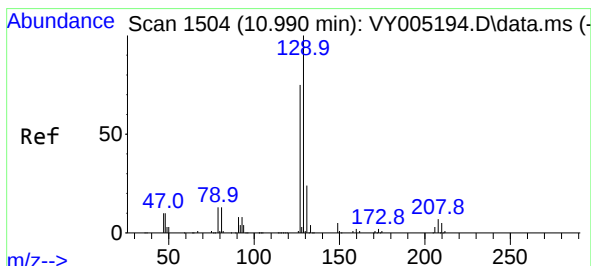
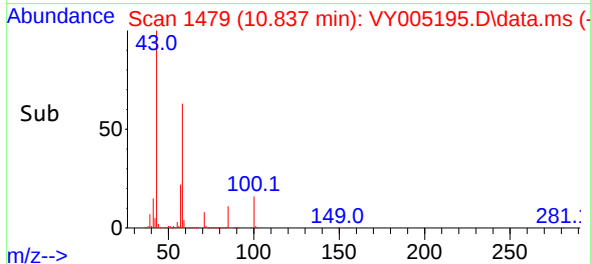
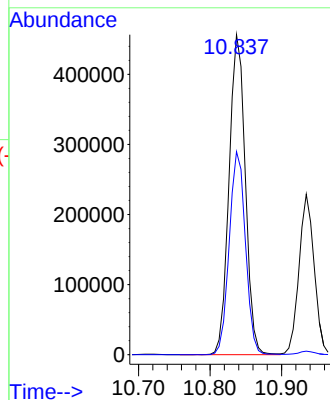
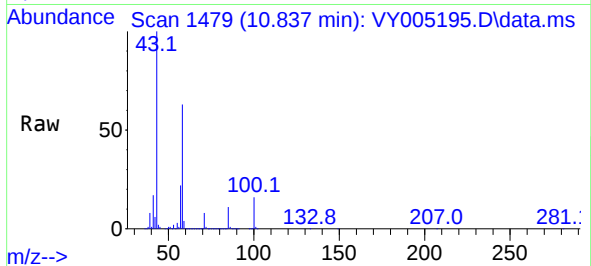
#59  
2-Hexanone  
Concen: 490.022 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 43 Resp: 719855  
Ion Ratio Lower Upper  
43 100  
58 63.3 30.8 92.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

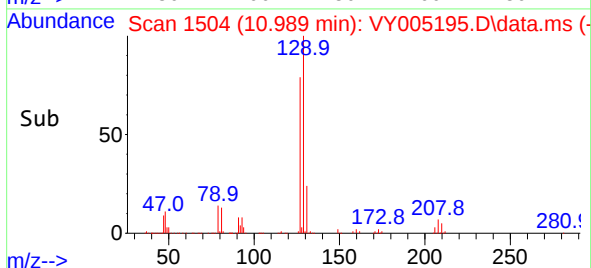
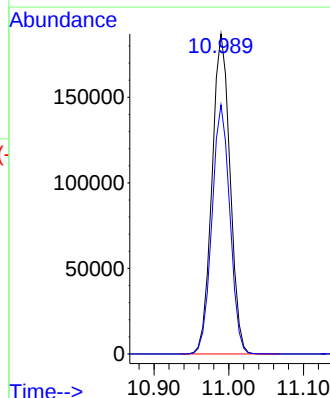
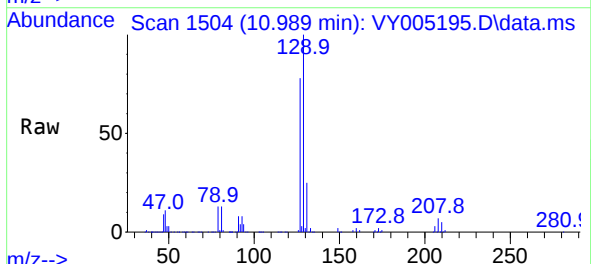
Manual Integrations  
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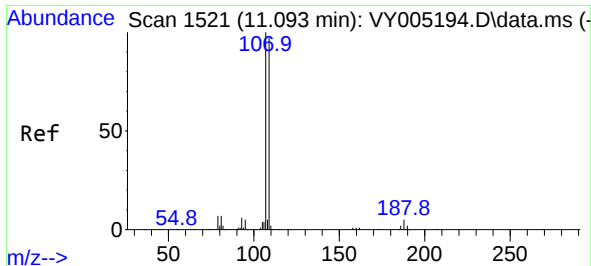
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#60  
Dibromochloromethane  
Concen: 99.175 ug/l  
RT: 10.989 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 129 Resp: 313414  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.7 116.1





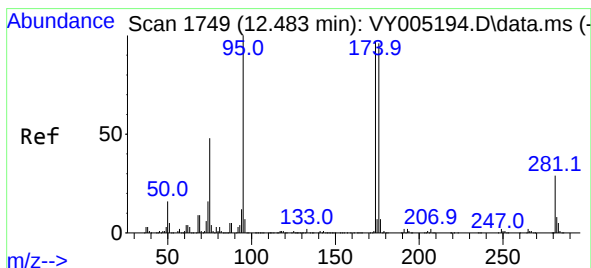
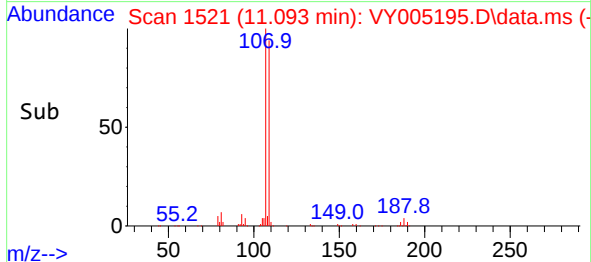
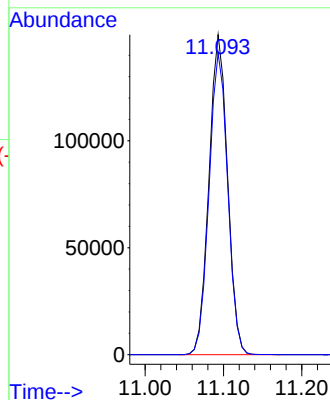
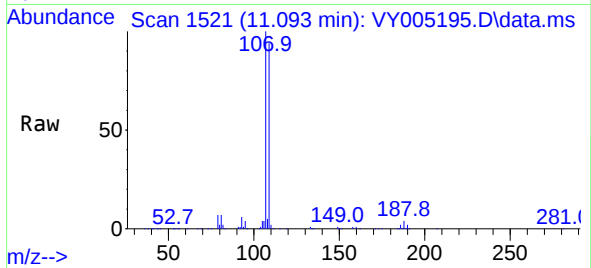
#61  
1,2-Dibromoethane  
Concen: 98.139 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 107 Resp: 246282  
Ion Ratio Lower Upper  
107 100  
109 94.5 76.6 114.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

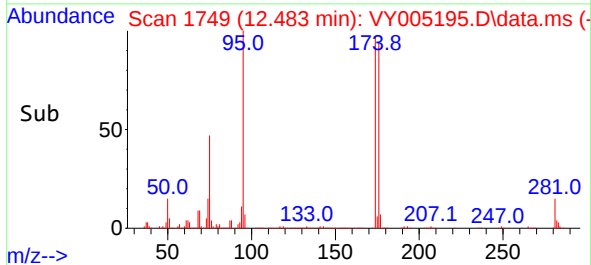
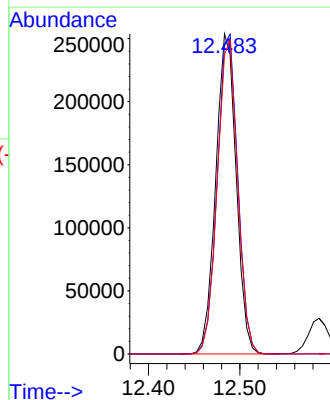
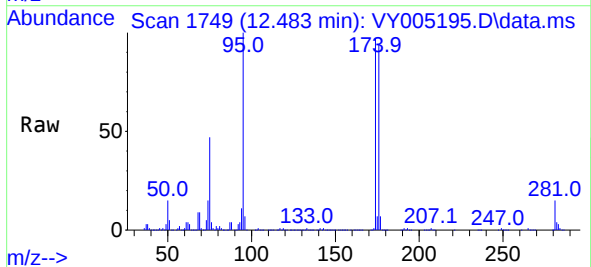
Manual Integrations  
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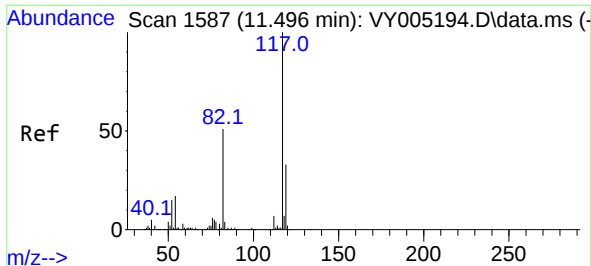
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#62  
4-Bromofluorobenzene  
Concen: 102.389 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

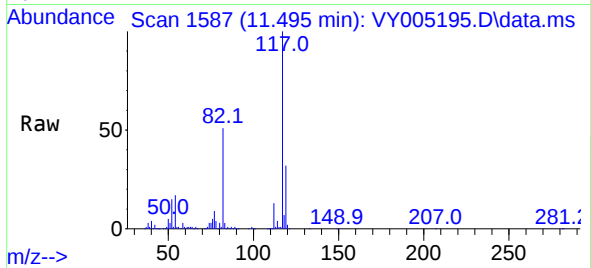
Tgt Ion: 95 Resp: 393419  
Ion Ratio Lower Upper  
95 100  
174 100.5 0.0 201.6  
176 97.9 0.0 197.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

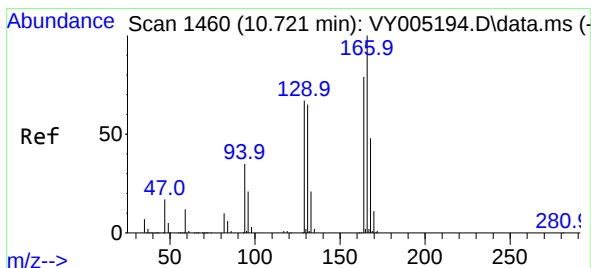
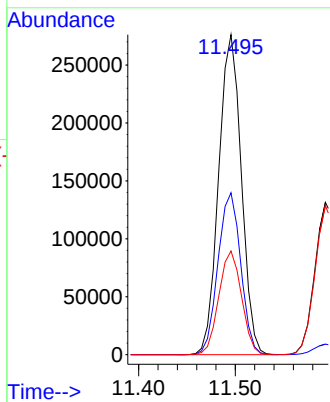
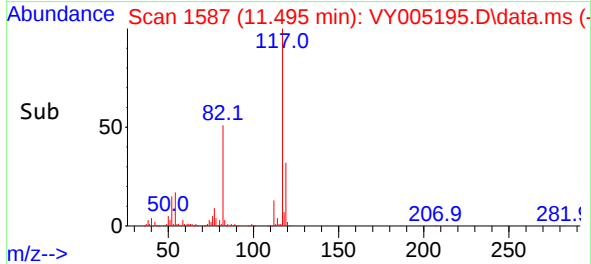
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



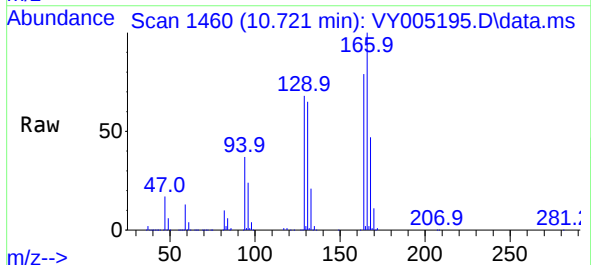
Tgt Ion:117 Resp: 449647  
Ion Ratio Lower Upper  
117 100  
82 50.6 40.6 60.8  
119 32.4 26.1 39.1

Manual Integrations  
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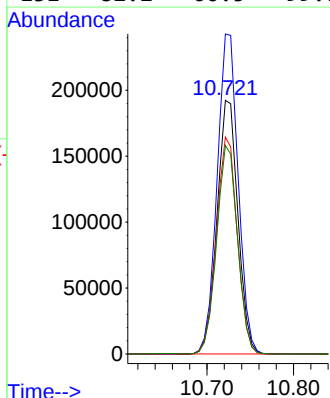
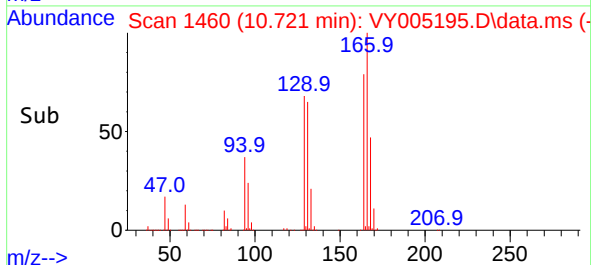
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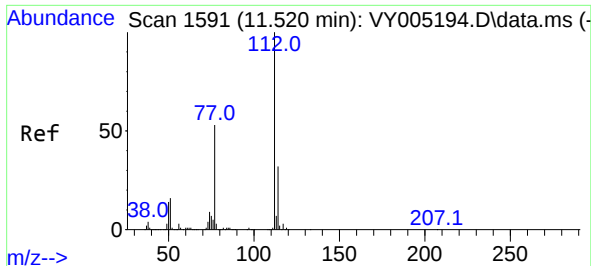


#64  
Tetrachloroethene  
Concen: 97.103 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



Tgt Ion:164 Resp: 322196  
Ion Ratio Lower Upper  
164 100  
166 126.2 101.6 152.4  
129 85.6 67.6 101.4  
131 82.2 66.5 99.7





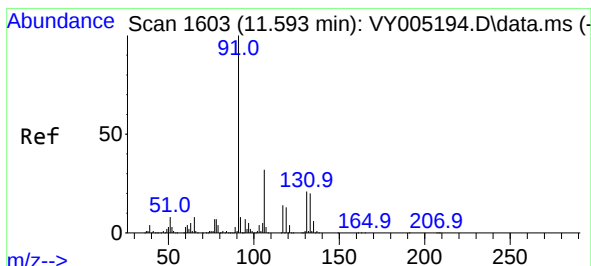
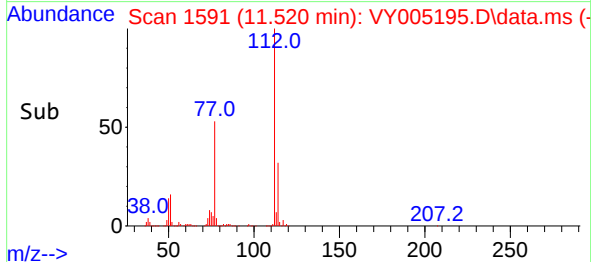
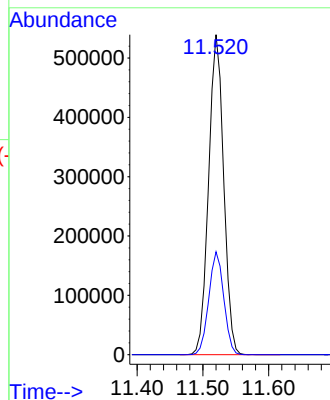
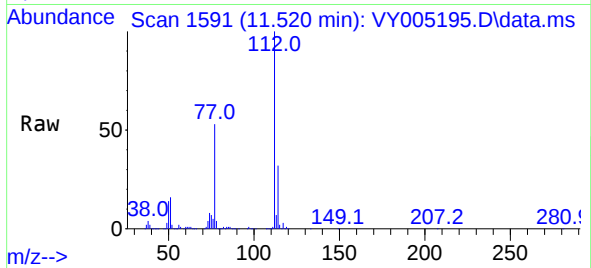
#65  
Chlorobenzene  
Concen: 96.320 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion:112 Resp: 858432  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.4 38.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

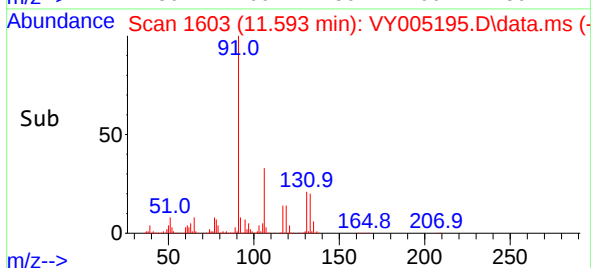
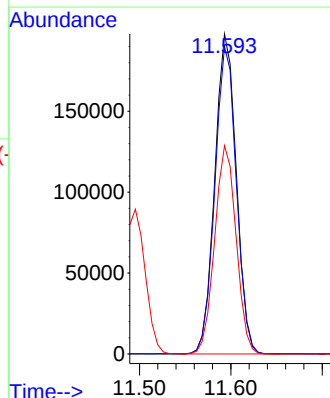
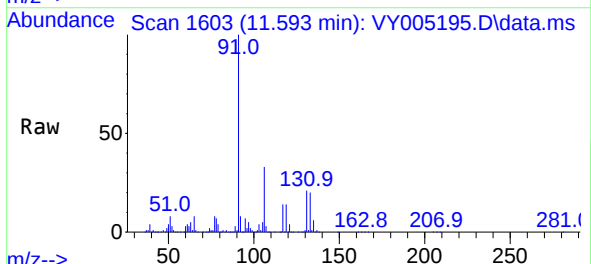
Manual Integrations  
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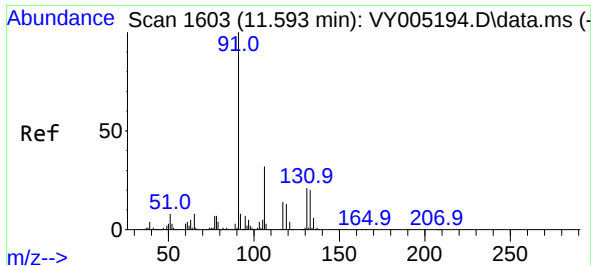
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 97.682 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion:131 Resp: 323120  
Ion Ratio Lower Upper  
131 100  
133 95.7 48.4 145.2  
119 65.0 32.4 97.0





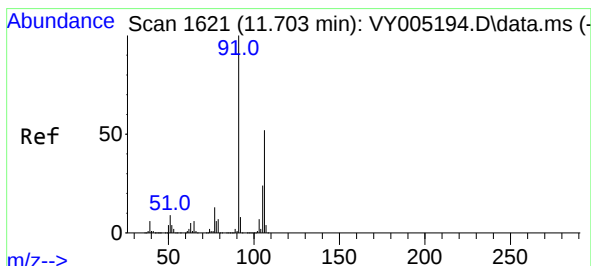
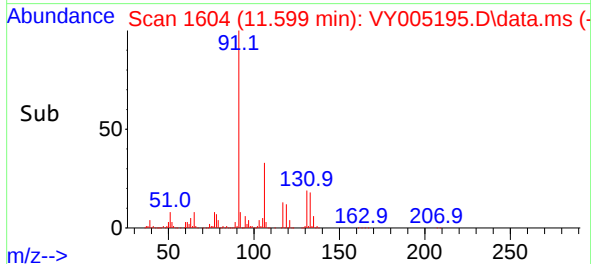
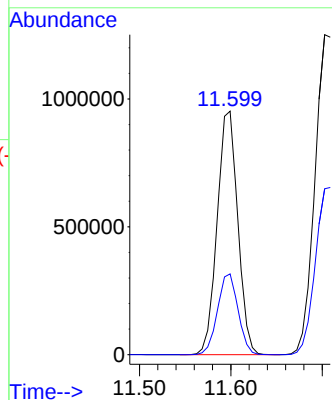
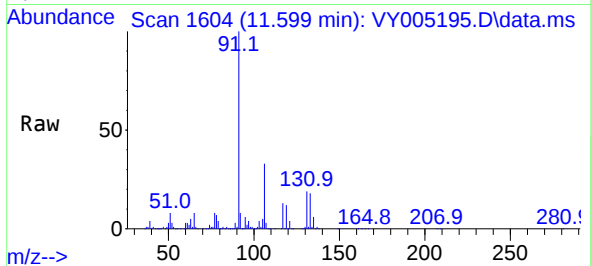
#67  
Ethyl Benzene  
Concen: 97.266 ug/l  
RT: 11.599 min Scan# 1604  
Delta R.T. 0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 91 Resp: 1494773  
Ion Ratio Lower Upper  
91 100  
106 33.2 25.8 38.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

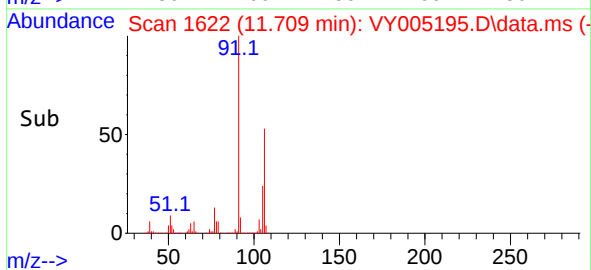
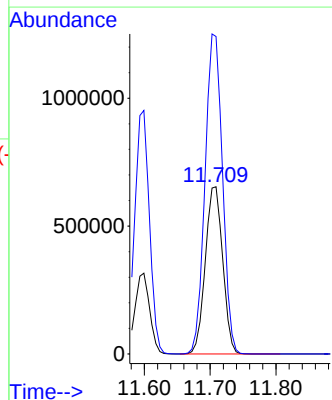
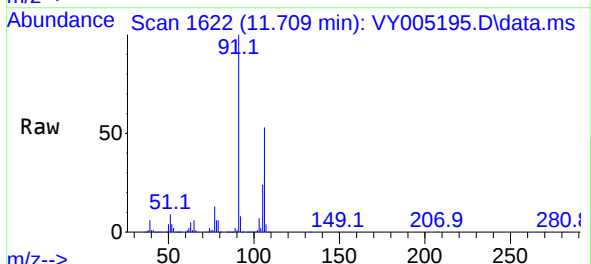
Manual Integrations  
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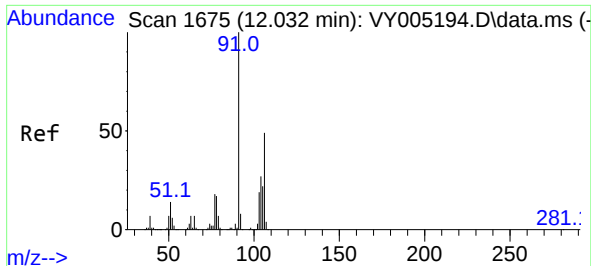
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#68  
m/p-Xylenes  
Concen: 195.245 ug/l  
RT: 11.709 min Scan# 1622  
Delta R.T. 0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion:106 Resp: 1202129  
Ion Ratio Lower Upper  
106 100  
91 191.9 154.8 232.2





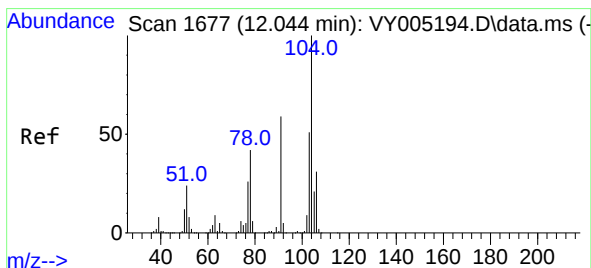
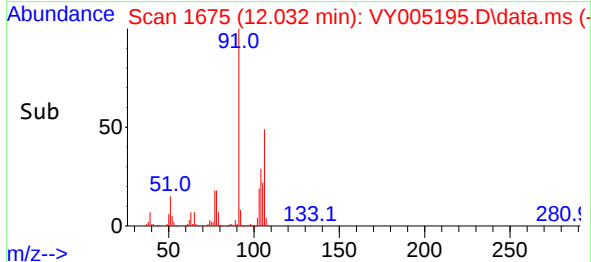
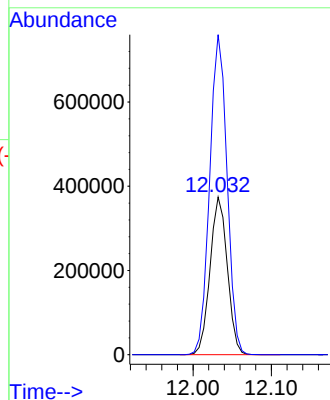
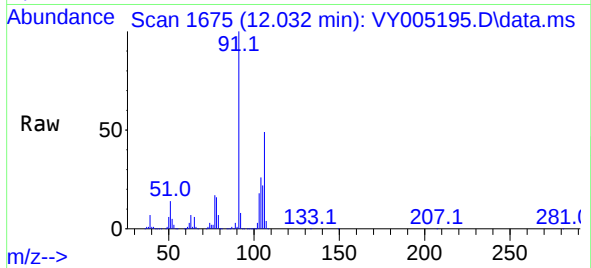
#69  
o-Xylene  
Concen: 98.201 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion:106 Resp: 572538  
Ion Ratio Lower Upper  
106 100  
91 203.9 101.6 304.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

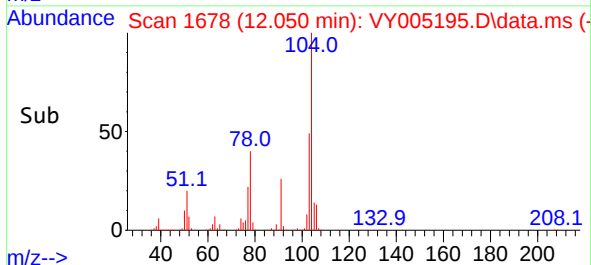
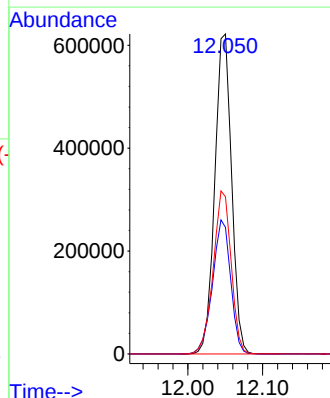
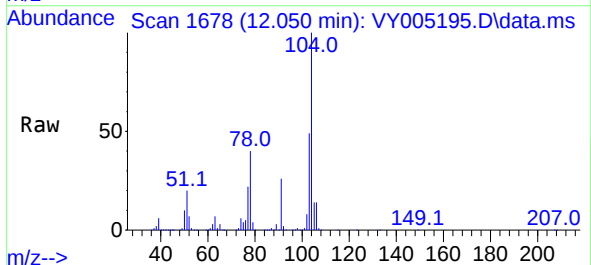
Manual Integrations  
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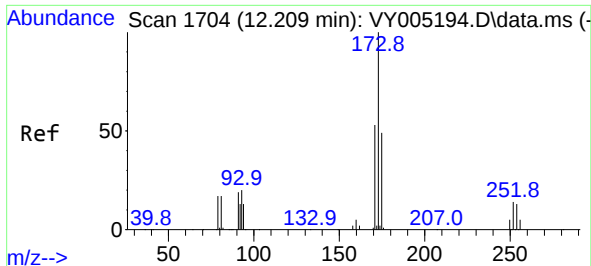
MMDadoda  
6/23/2021 5:30:31 PM



#70  
Styrene  
Concen: 99.515 ug/l  
RT: 12.050 min Scan# 1678  
Delta R.T. 0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion:104 Resp: 975565  
Ion Ratio Lower Upper  
104 100  
78 45.2 36.4 54.6  
103 54.4 43.8 65.8





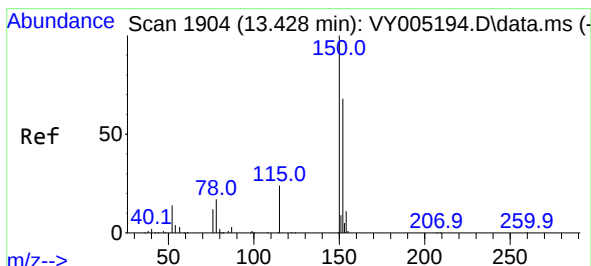
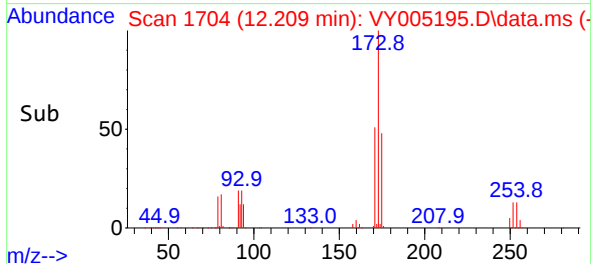
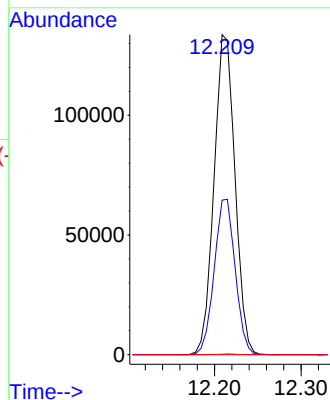
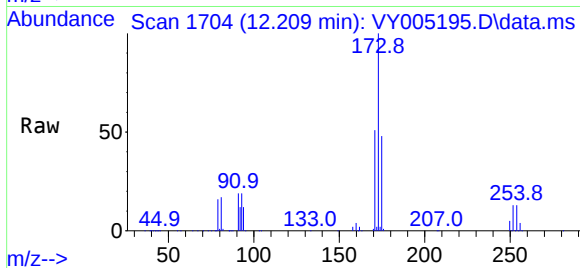
#71  
Bromoform  
Concen: 99.693 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion:173 Resp: 224394  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.4 73.4  
254 0.2 0.2 0.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

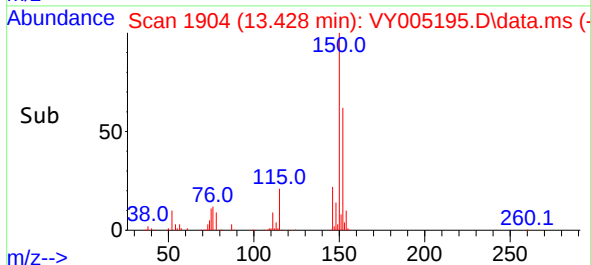
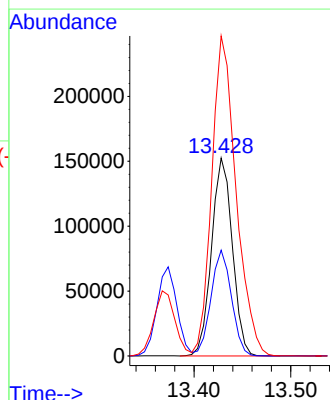
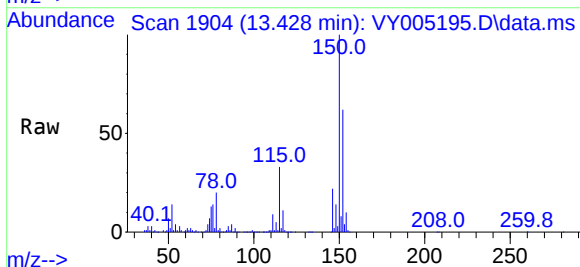
Manual Integrations  
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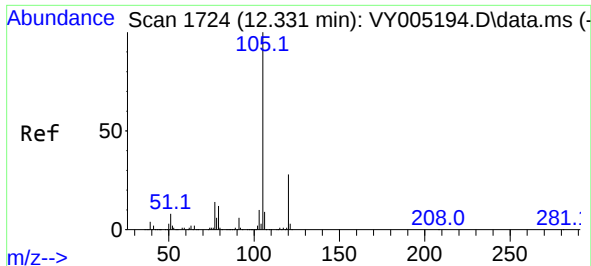
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

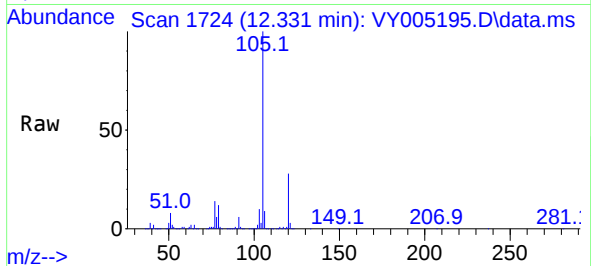
Tgt Ion:152 Resp: 228353  
Ion Ratio Lower Upper  
152 100  
115 52.6 26.3 78.8  
150 188.8 0.0 344.2





#73  
Isopropylbenzene  
Concen: 98.740 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

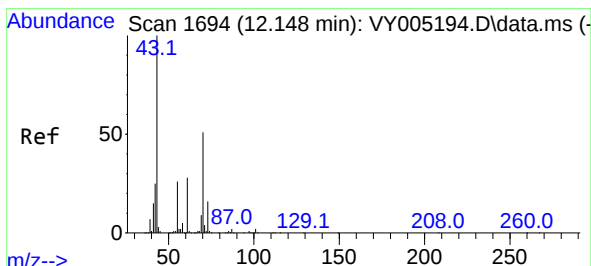
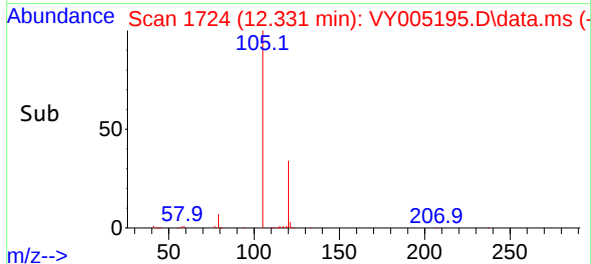
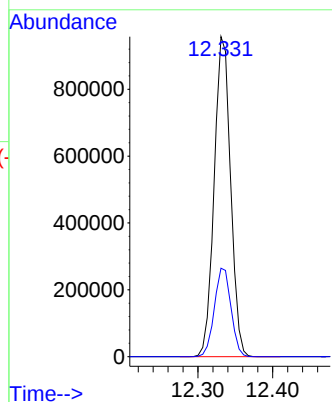
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



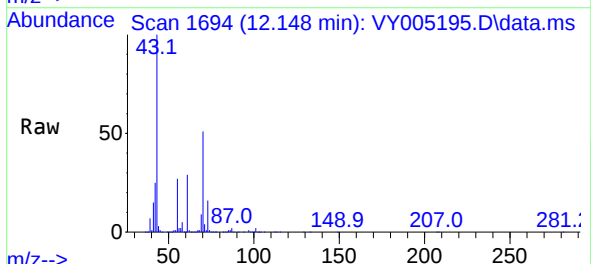
Tgt Ion:105 Resp: 1462432  
Ion Ratio Lower Upper  
105 100  
120 28.1 14.0 42.0

Manual Integrations  
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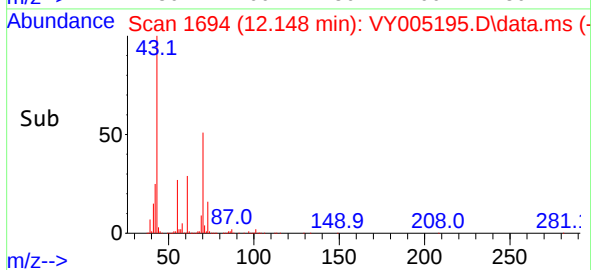
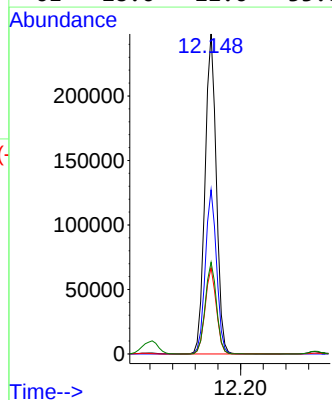
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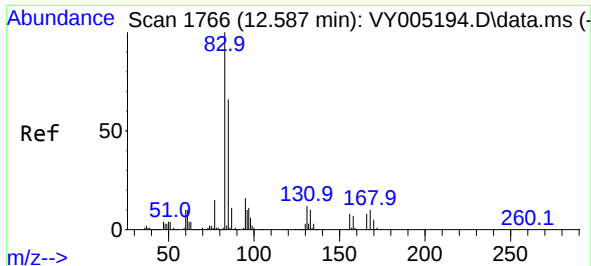


#74  
N-ethyl acetate  
Concen: 98.079 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



Tgt Ion: 43 Resp: 343786  
Ion Ratio Lower Upper  
43 100  
70 51.1 40.6 61.0  
55 26.6 21.5 32.3  
61 28.6 22.6 33.8





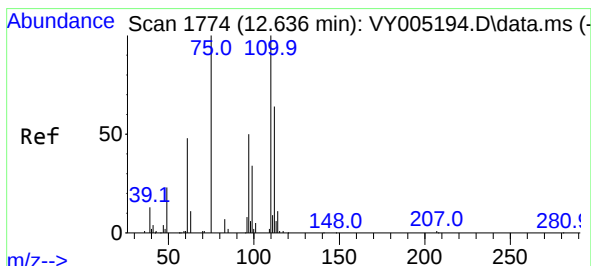
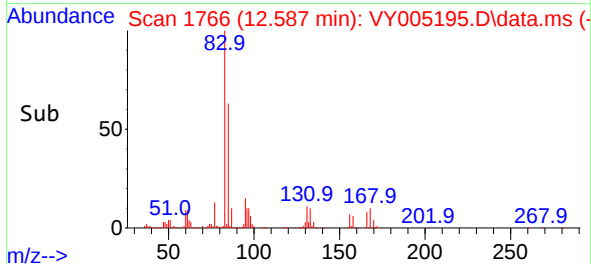
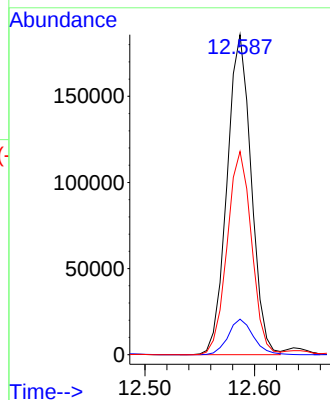
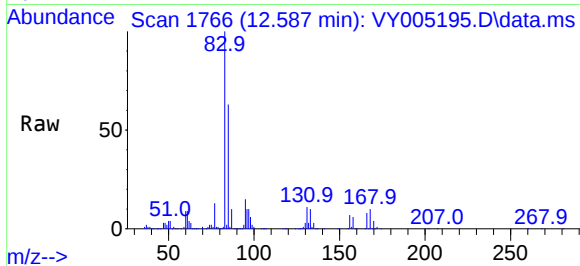
#75  
1,1,2,2-Tetrachloroethane  
Concen: 97.698 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 83 Resp: 285122  
Ion Ratio Lower Upper  
83 100  
131 11.5 5.9 17.6  
85 64.2 32.5 97.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

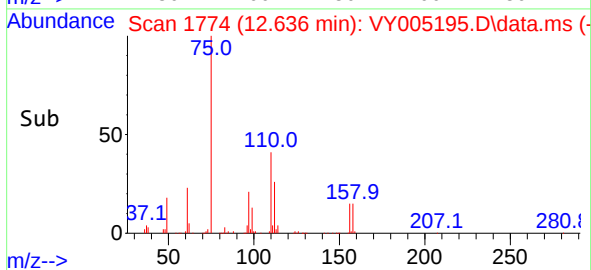
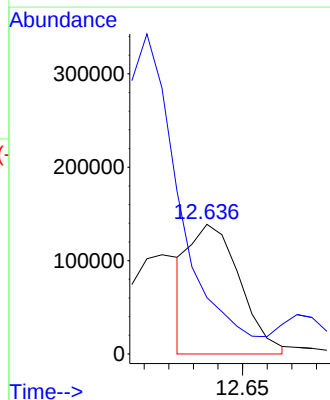
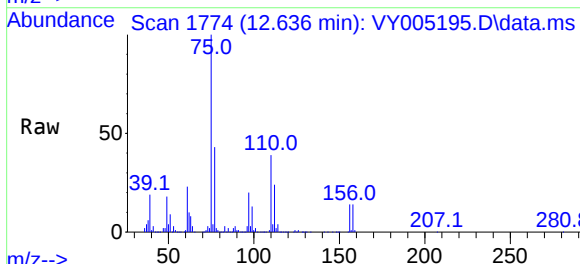
Manual Integrations  
APPROVED

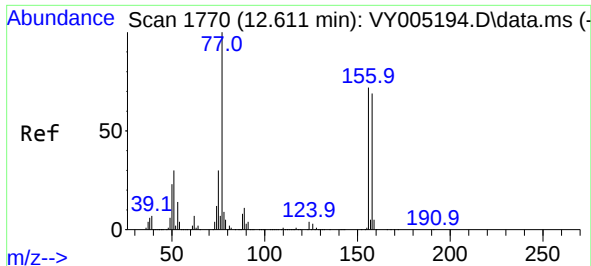
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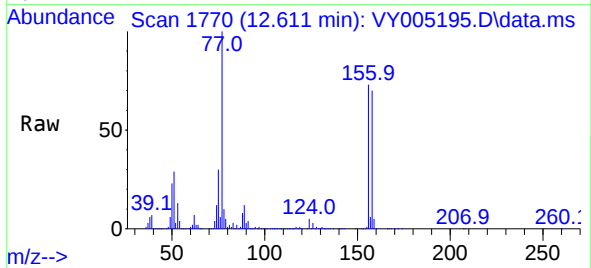
#76  
1,2,3-Trichloropropane  
Concen: 100.276 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 75 Resp: 197502  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

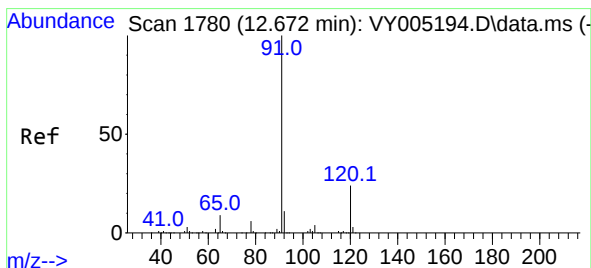
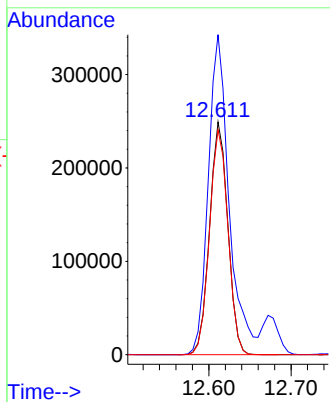
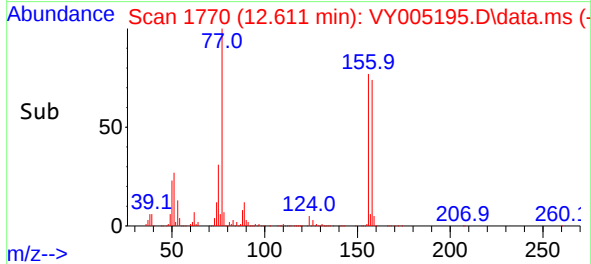




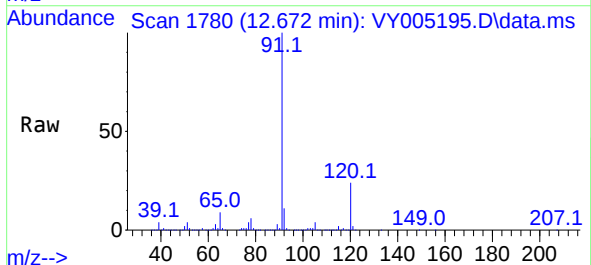
#77  
Bromobenzene  
Concen: 97.829 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



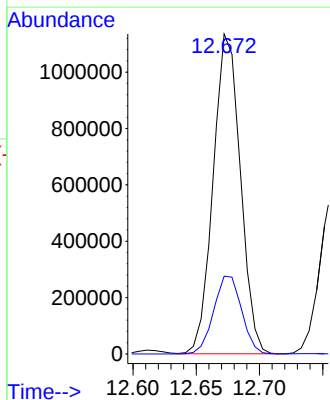
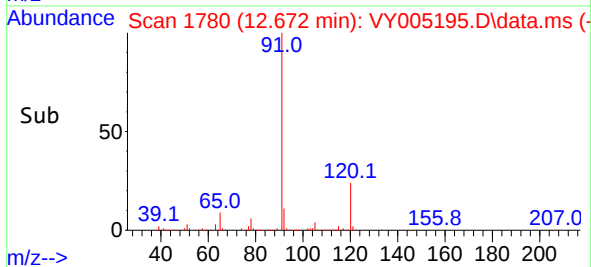
Tgt Ion:156 Resp: 384478  
Ion Ratio Lower Upper  
156 100  
77 157.0 78.5 235.7  
158 97.6 48.2 144.6



#78  
n-propylbenzene  
Concen: 97.034 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



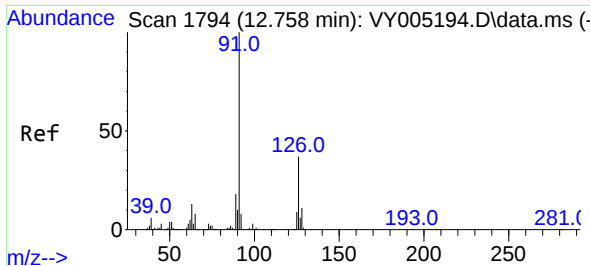
Tgt Ion: 91 Resp: 1694656  
Ion Ratio Lower Upper  
91 100  
120 25.0 12.4 37.0



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

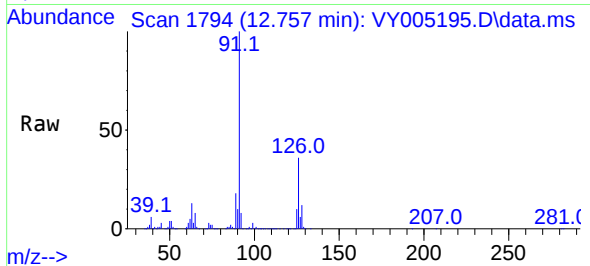
Manual Integrations  
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#79  
2-Chlorotoluene  
Concen: 97.226 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

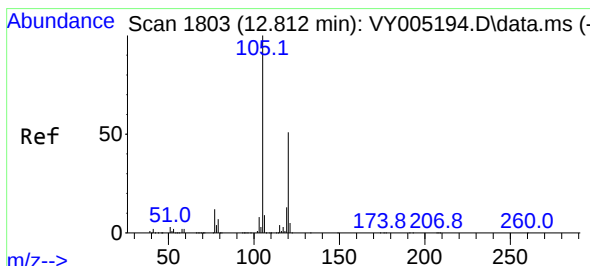
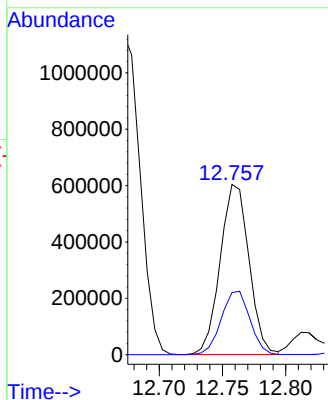
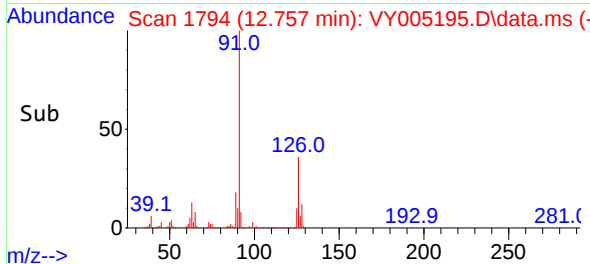
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



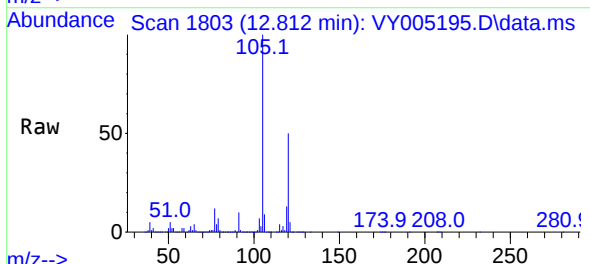
Tgt Ion: 91 Resp: 957862  
Ion Ratio Lower Upper  
91 100  
126 37.2 18.6 55.6

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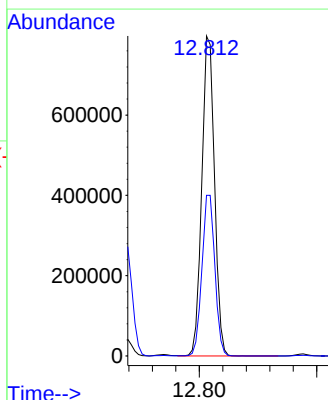
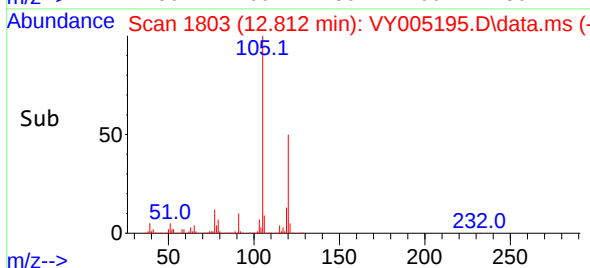
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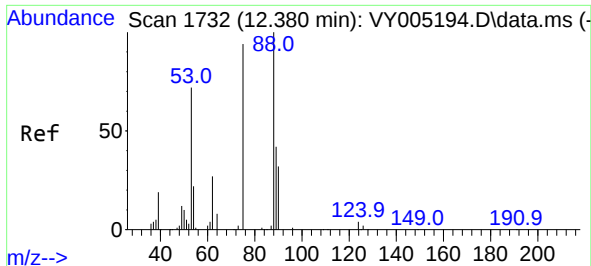


#80  
1,3,5-Trimethylbenzene  
Concen: 97.402 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



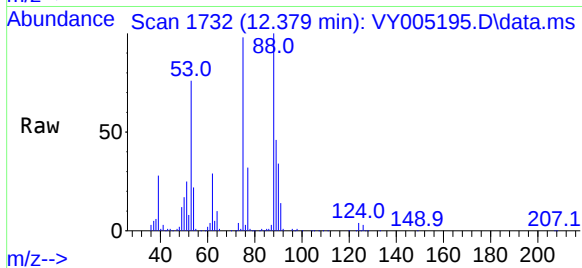
Tgt Ion: 105 Resp: 1193405  
Ion Ratio Lower Upper  
105 100  
120 51.2 25.9 77.7





#81  
trans-1,4-Dichloro-2-butene  
Concen: 98.244 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

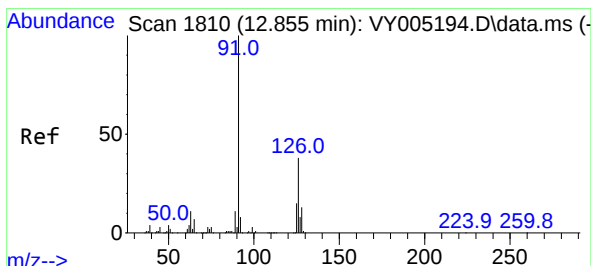
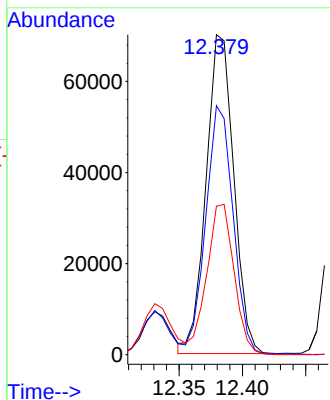
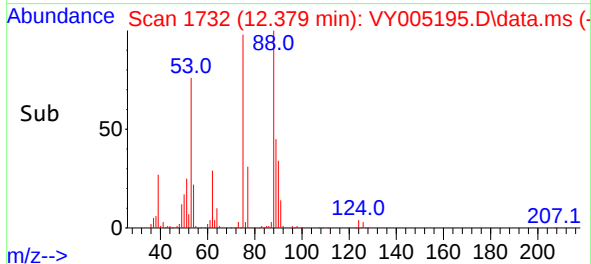
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



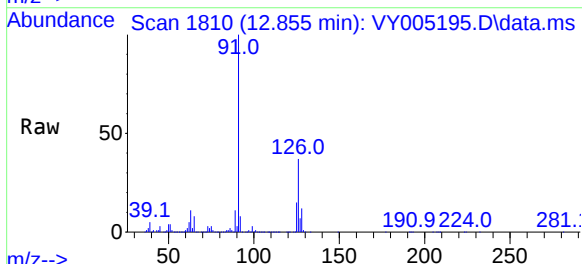
Tgt Ion: 75 Resp: 106641  
Ion Ratio Lower Upper  
75 100  
53 77.2 63.0 94.4  
89 46.7 38.0 57.0

Manual Integrations  
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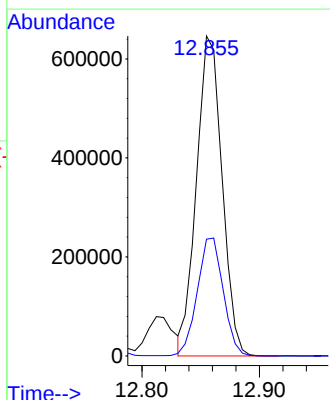
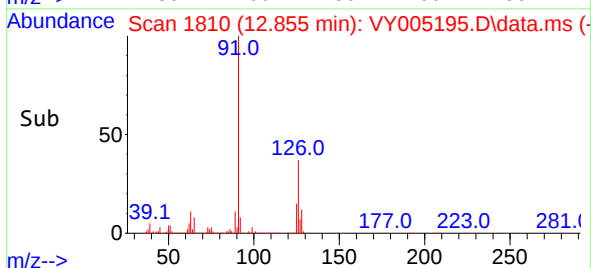
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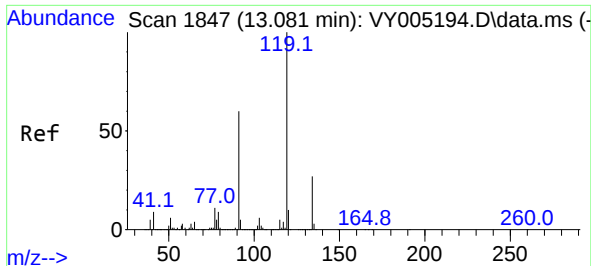


#82  
4-Chlorotoluene  
Concen: 96.016 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

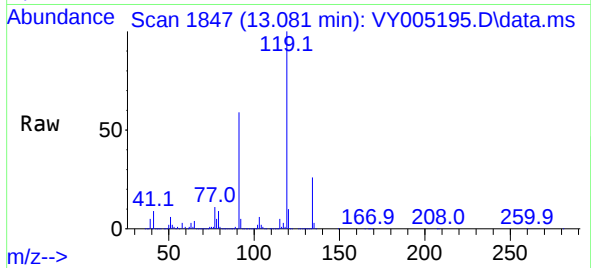


Tgt Ion: 91 Resp: 978633  
Ion Ratio Lower Upper  
91 100  
126 37.5 18.6 55.8

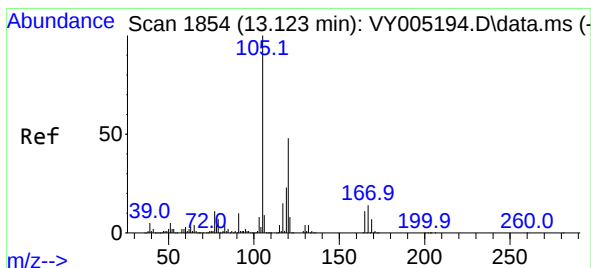
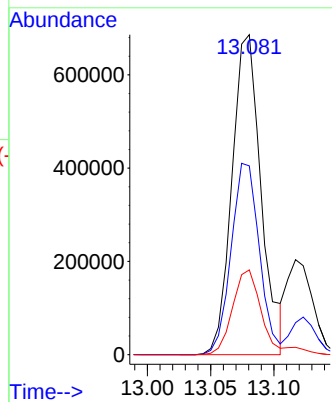
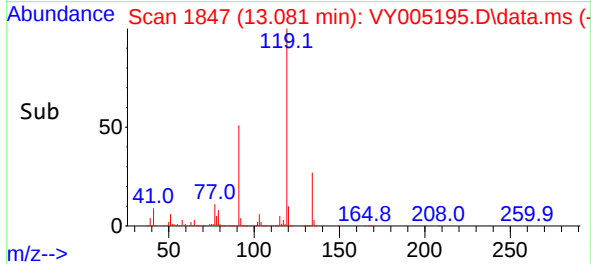




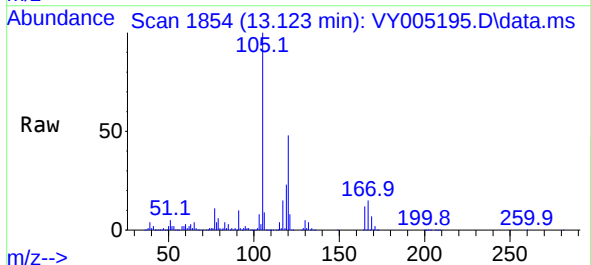
#83  
tert-Butylbenzene  
Concen: 100.762 ug/l  
RT: 13.081 min Scan# 1847  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



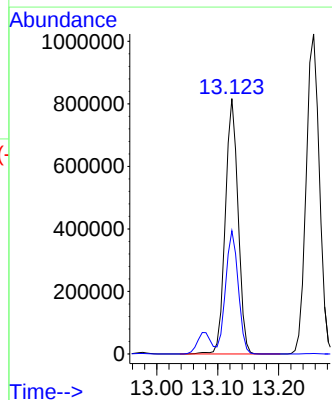
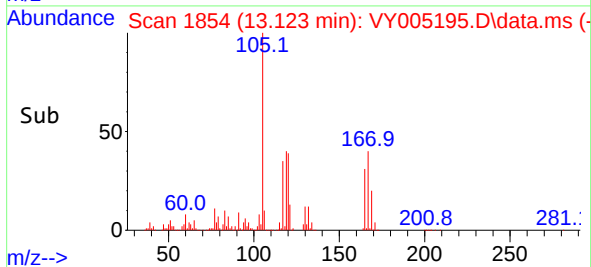
Tgt Ion:119 Resp: 1100633  
Ion Ratio Lower Upper  
119 100  
91 58.1 29.5 88.5  
134 27.2 13.5 40.5



#84  
1,2,4-Trimethylbenzene  
Concen: 98.035 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



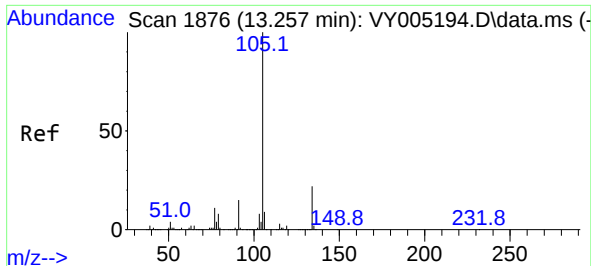
Tgt Ion:105 Resp: 1187537  
Ion Ratio Lower Upper  
105 100  
120 47.4 23.6 71.0



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

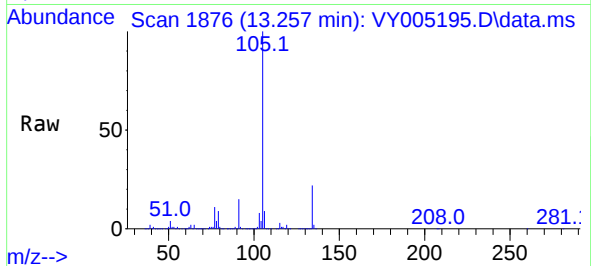
Manual Integrations  
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#85  
 sec-Butylbenzene  
 Concen: 96.872 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. -0.000 min  
 Lab File: VY005195.D  
 Acq: 22 Jun 2021 13:44

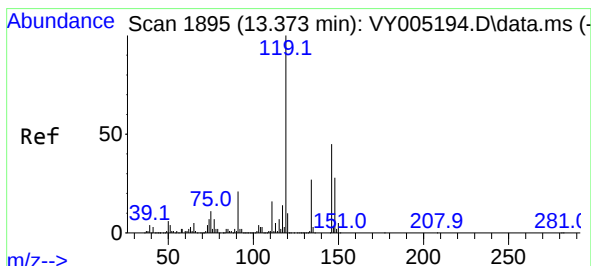
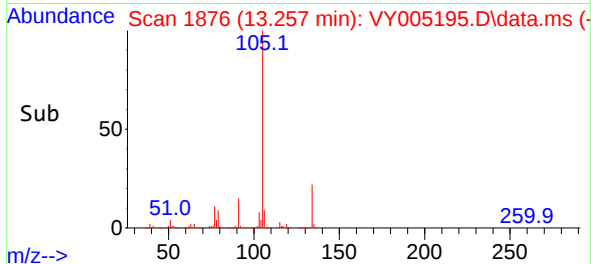
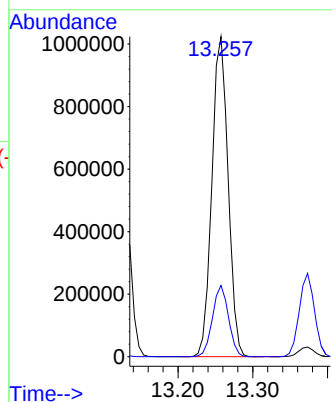
Instrument :  
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 ClientSampleId :  
 VSTDIC100



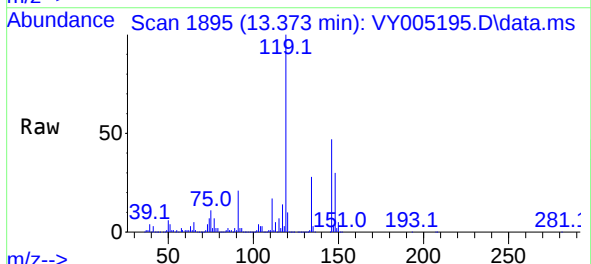
Tgt Ion:105 Resp: 1539447  
 Ion Ratio Lower Upper  
 105 100  
 134 22.0 10.9 32.6

Manual Integrations  
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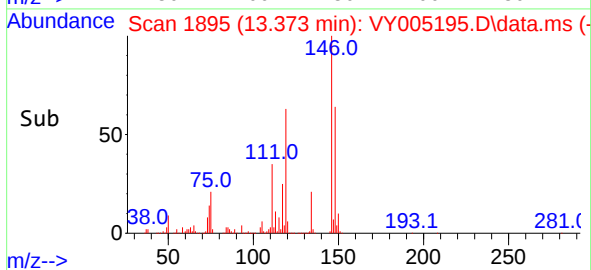
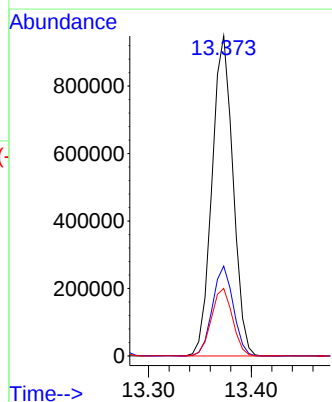
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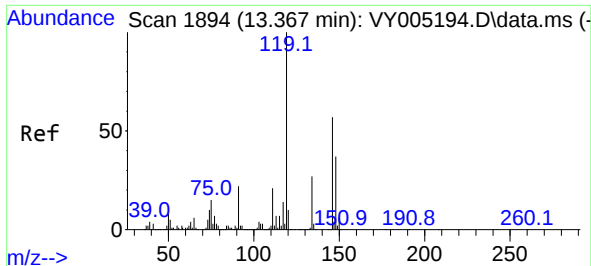


#86  
 p-Isopropyltoluene  
 Concen: 98.142 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. -0.000 min  
 Lab File: VY005195.D  
 Acq: 22 Jun 2021 13:44



Tgt Ion:119 Resp: 1345660  
 Ion Ratio Lower Upper  
 119 100  
 134 27.9 13.9 41.6  
 91 21.3 10.8 32.3





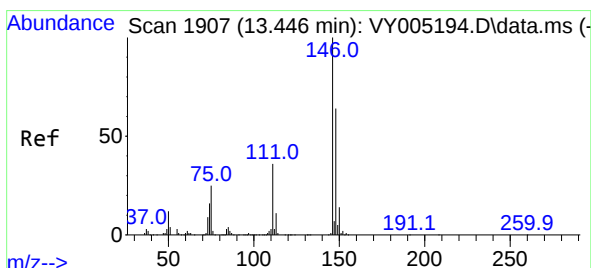
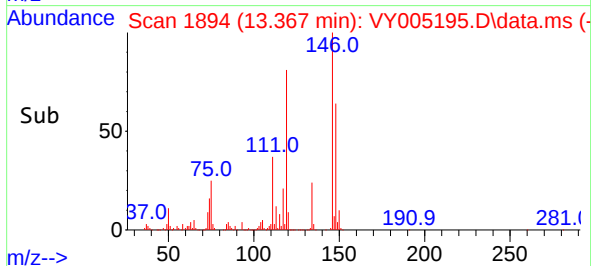
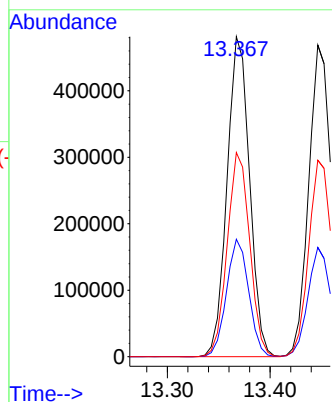
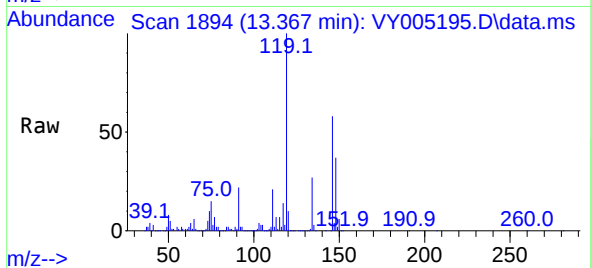
#87  
1,3-Dichlorobenzene  
Concen: 97.656 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion:146 Resp: 732743  
Ion Ratio Lower Upper  
146 100  
111 36.2 18.3 54.8  
148 63.8 31.9 95.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

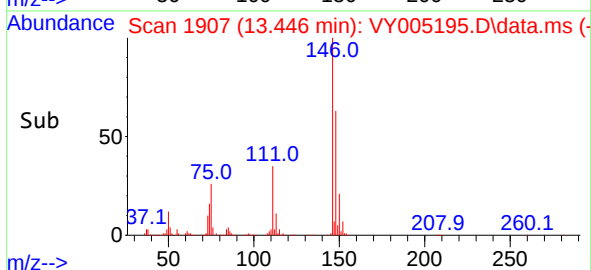
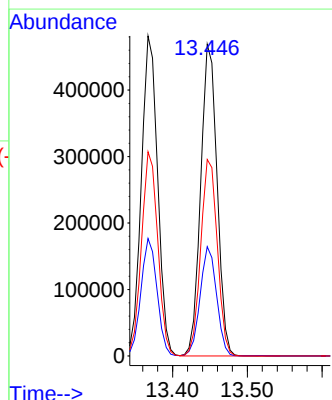
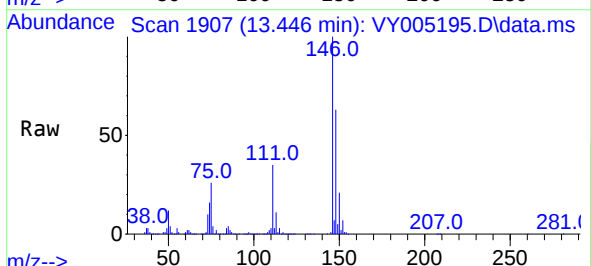
Manual Integrations  
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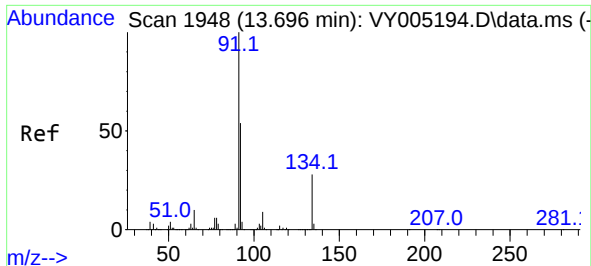
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#88  
1,4-Dichlorobenzene  
Concen: 96.339 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

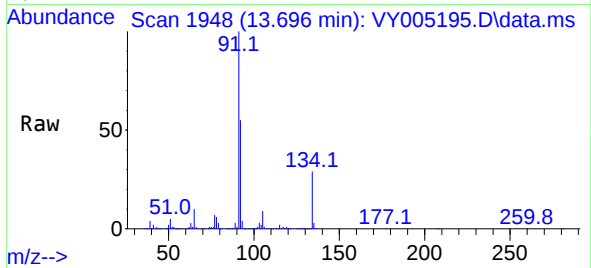
Tgt Ion:146 Resp: 714833  
Ion Ratio Lower Upper  
146 100  
111 35.0 17.8 53.3  
148 63.9 32.4 97.2





#89  
n-Butylbenzene  
Concen: 96.599 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

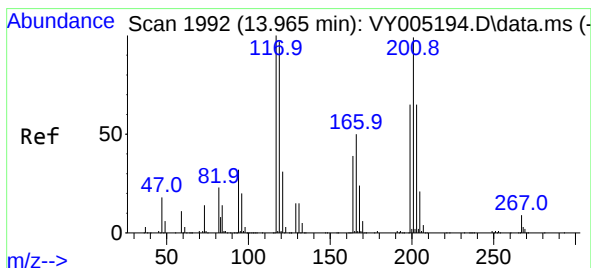
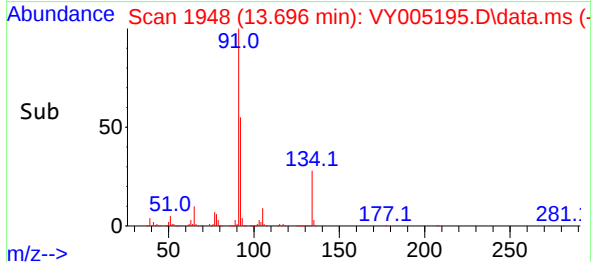
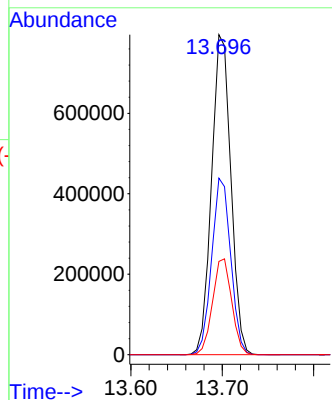


Tgt Ion: 91 Resp: 1163513

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 54.6  | 27.0  | 81.0  |
| 134 | 29.8  | 14.6  | 44.0  |

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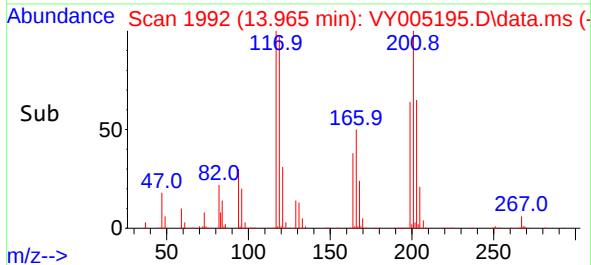
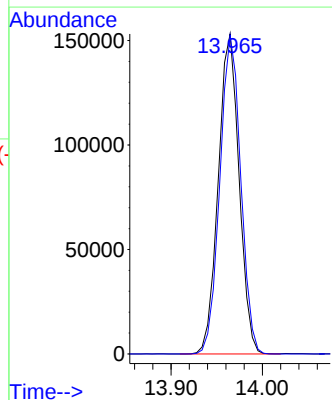
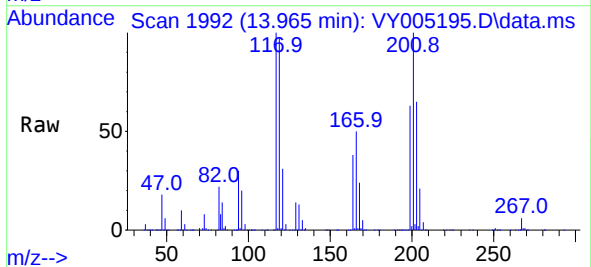
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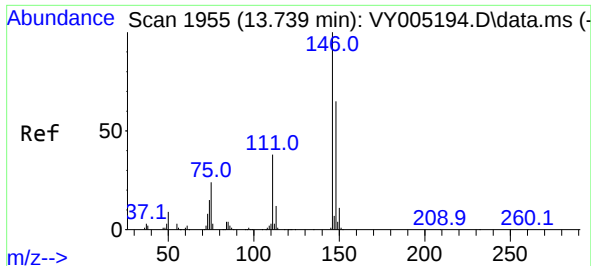


#90  
Hexachloroethane  
Concen: 97.825 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 117 Resp: 242301

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 99.9  | 49.4  | 148.2 |





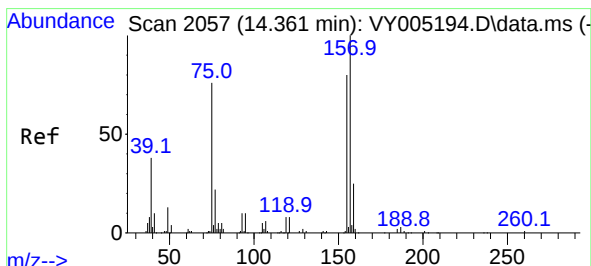
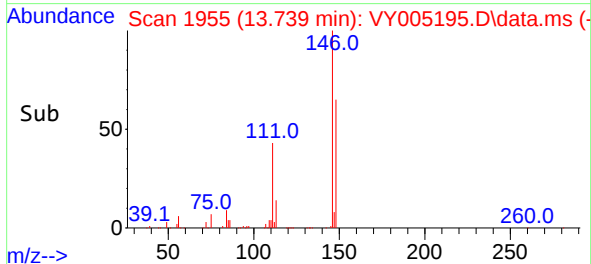
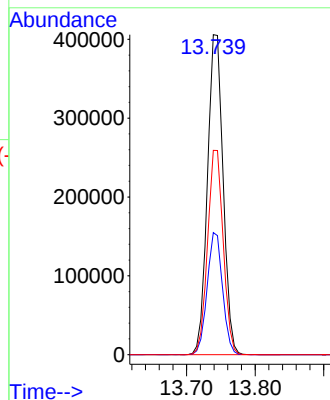
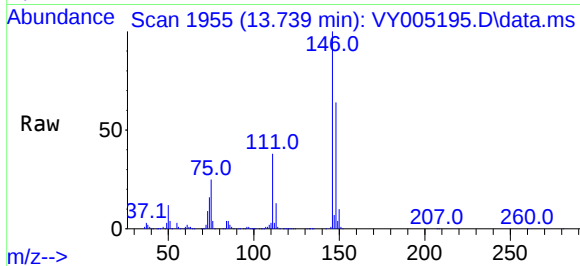
#91  
1,2-Dichlorobenzene  
Concen: 96.960 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion:146 Resp: 644947  
Ion Ratio Lower Upper  
146 100  
111 37.6 18.9 56.5  
148 63.7 32.2 96.6

Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDIC100

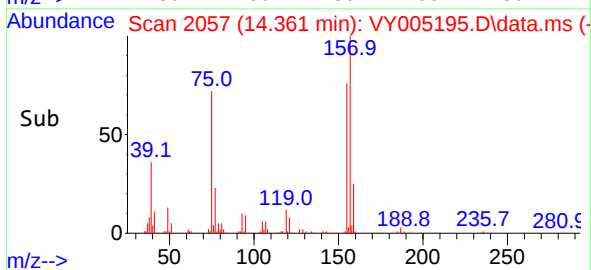
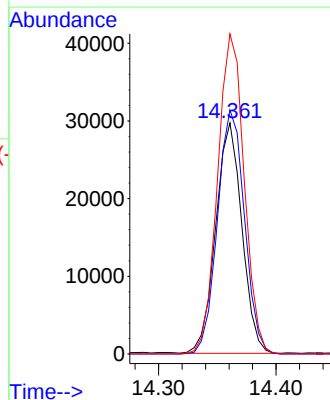
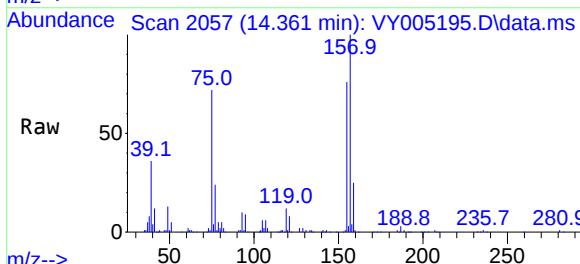
Manual Integrations  
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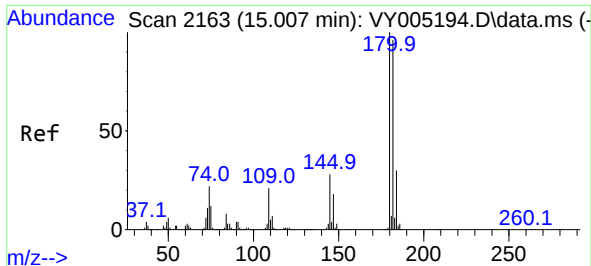
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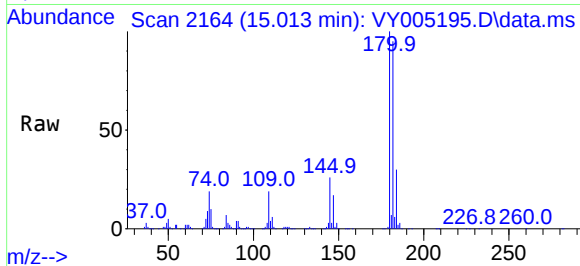
#92  
1,2-Dibromo-3-Chloropropane  
Concen: 94.482 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

Tgt Ion: 75 Resp: 45930  
Ion Ratio Lower Upper  
75 100  
155 109.2 52.4 157.3  
157 141.2 67.3 201.8





#93  
1,2,4-Trichlorobenzene  
Concen: 99.481 ug/l  
RT: 15.013 min Scan# 2164  
Delta R.T. 0.006 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

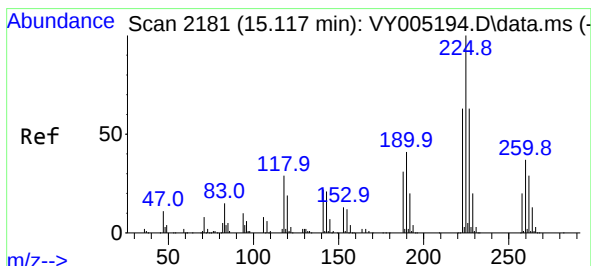
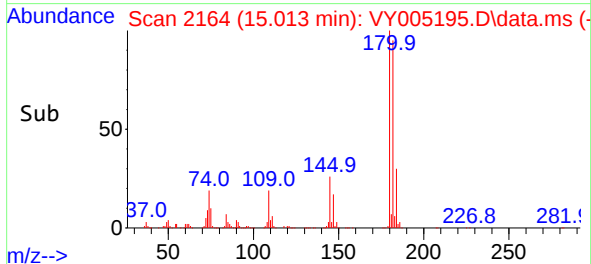
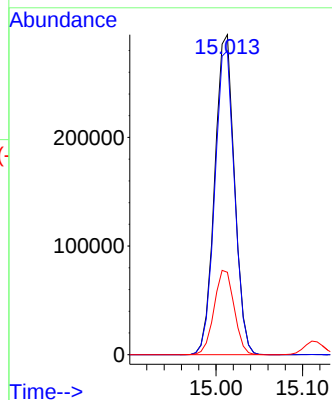


Tgt Ion:180 Resp: 466380  
Ion Ratio Lower Upper  
180 100  
182 95.3 48.1 144.4  
145 26.8 13.6 40.8

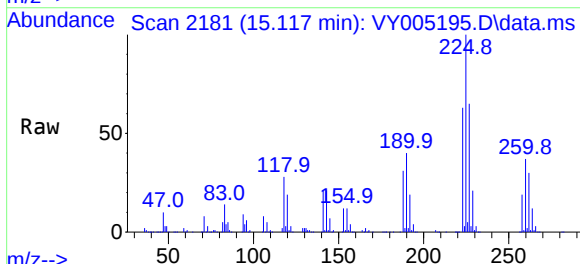
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

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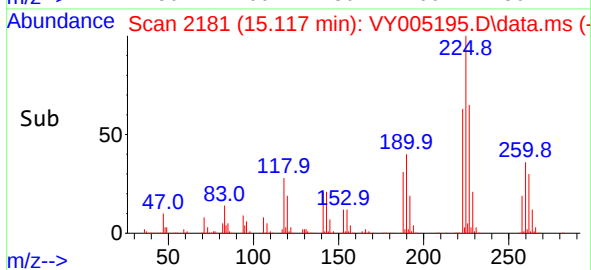
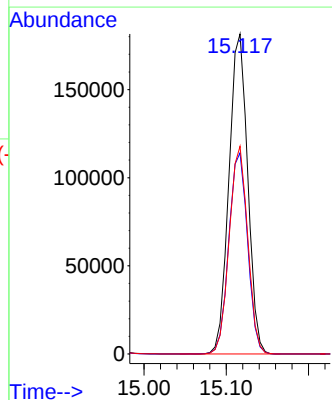
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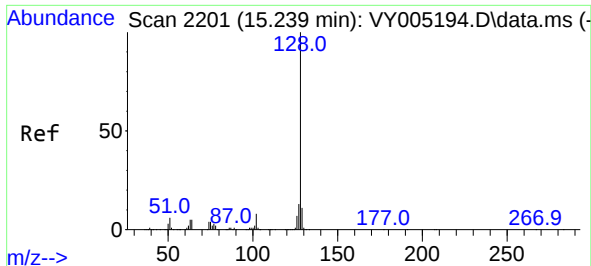


#94  
Hexachlorobutadiene  
Concen: 97.918 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44

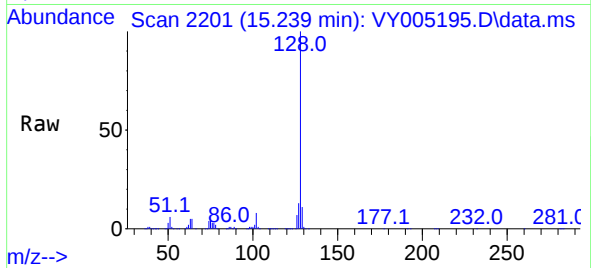


Tgt Ion:225 Resp: 287297  
Ion Ratio Lower Upper  
225 100  
223 62.9 31.3 93.9  
227 64.0 31.6 95.0

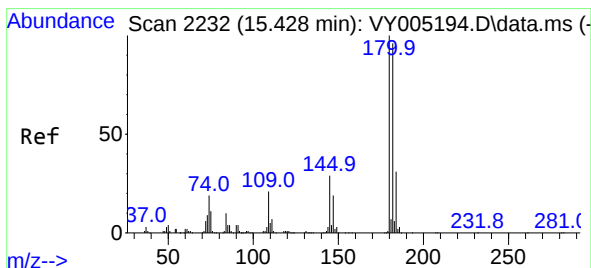
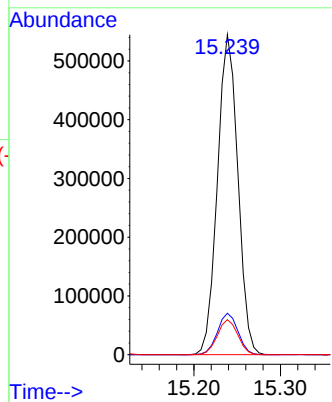
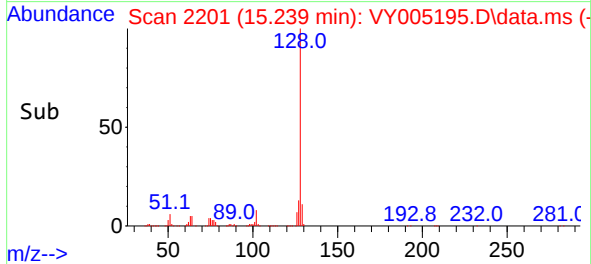




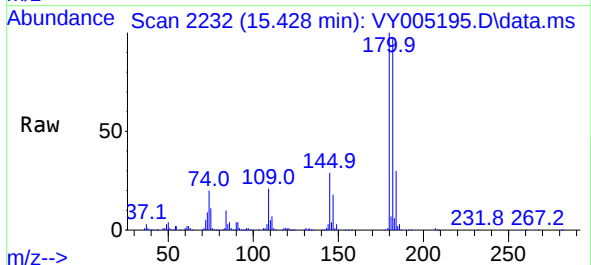
#95  
Naphthalene  
Concen: 103.108 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



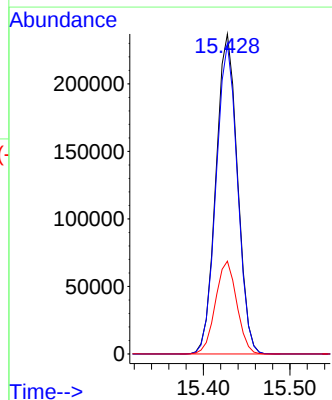
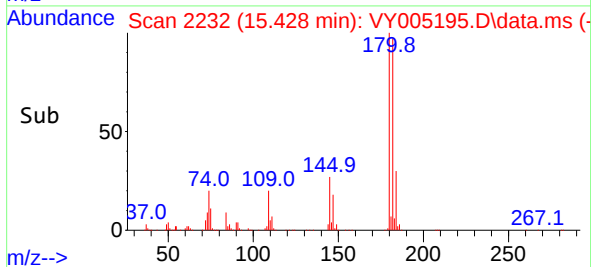
Tgt Ion:128 Resp: 892178  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.4  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 99.206 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY005195.D  
Acq: 22 Jun 2021 13:44



Tgt Ion:180 Resp: 409604  
Ion Ratio Lower Upper  
180 100  
182 96.1 47.7 143.1  
145 28.7 14.1 42.4



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

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