

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY121623\  
 Data File : VY016665.D  
 Acq On : 16 Dec 2023 11:31  
 Operator : SY/MD  
 Sample : VY1216SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1216SBS01

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023  
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 18 00:37:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y121523S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Dec 16 00:39:52 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 7.795          | 168  | 212061              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.691          | 114  | 345205              | 50.000  | ug/l   | -0.01    |
| 63) Chlorobenzene-d5         | 11.496         | 117  | 301200              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 140552              | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.143          | 65   | 87224               | 50.321  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 100.640% |         |        |          |
| 35) Dibromofluoromethane     | 7.722          | 113  | 93540               | 50.517  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 101.040% |         |        |          |
| 50) Toluene-d8               | 10.185         | 98   | 354434              | 48.609  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 134 |      | Recovery = 97.220%  |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 112276              | 47.315  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 30 - 143 |      | Recovery = 94.640%  |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906          | 85   | 36253               | 21.936  | ug/l   | 94       |
| 3) Chloromethane             | 2.113          | 50   | 55948               | 21.723  | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.253          | 62   | 67379               | 22.790  | ug/l   | 99       |
| 5) Bromomethane              | 2.650          | 94   | 48803               | 23.062  | ug/l   | 98       |
| 6) Chloroethane              | 2.796          | 64   | 45203               | 23.506  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.125          | 101  | 75619               | 22.899  | ug/l   | 94       |
| 8) Diethyl Ether             | 3.528          | 74   | 24103               | 23.367  | ug/l   | 84       |
| 9) 1,1,2-Trichlorotrifluo... | 3.900          | 101  | 47124               | 23.074  | ug/l   | 94       |
| 10) Methyl Iodide            | 4.095          | 142  | 46791               | 22.014  | ug/l   | 96       |
| 11) Tert butyl alcohol       | 4.954          | 59   | 17590               | 125.688 | ug/l # | 84       |
| 12) 1,1-Dichloroethene       | 3.875          | 96   | 44832               | 23.285  | ug/l   | 92       |
| 13) Acrolein                 | 3.729          | 56   | 14182               | 130.755 | ug/l   | 98       |
| 14) Allyl chloride           | 4.485          | 41   | 59612               | 22.836  | ug/l # | 94       |
| 15) Acrylonitrile            | 5.161          | 53   | 49923               | 116.300 | ug/l   | 97       |
| 16) Acetone                  | 3.942          | 43   | 66518               | 151.267 | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.198          | 76   | 138718              | 22.780  | ug/l   | 98       |
| 18) Methyl Acetate           | 4.479          | 43   | 34904               | 21.551  | ug/l # | 87       |
| 19) Methyl tert-butyl Ether  | 5.229          | 73   | 103719              | 22.976  | ug/l   | 98       |
| 20) Methylene Chloride       | 4.723          | 84   | 56596               | 23.223  | ug/l   | 85       |
| 21) trans-1,2-Dichloroethene | 5.222          | 96   | 50527               | 22.525  | ug/l   | 92       |
| 22) Diisopropyl ether        | 6.125          | 45   | 131598              | 23.523  | ug/l # | 86       |
| 23) Vinyl Acetate            | 6.064          | 43   | 323543              | 117.369 | ug/l # | 94       |
| 24) 1,1-Dichloroethane       | 6.021          | 63   | 84846               | 23.240  | ug/l   | 97       |
| 25) 2-Butanone               | 6.984          | 43   | 84682               | 138.761 | ug/l   | 92       |
| 26) 2,2-Dichloropropane      | 6.984          | 77   | 75326               | 23.239  | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 6.990          | 96   | 56240               | 23.217  | ug/l   | 90       |
| 28) Bromochloromethane       | 7.338          | 49   | 16174               | 14.670  | ug/l   | 89       |
| 29) Tetrahydrofuran          | 7.350          | 42   | 39521               | 117.228 | ug/l   | 88       |
| 30) Chloroform               | 7.509          | 83   | 88924               | 23.421  | ug/l   | 100      |
| 31) Cyclohexane              | 7.789          | 56   | 78494               | 22.925  | ug/l   | 89       |
| 32) 1,1,1-Trichloroethane    | 7.704          | 97   | 80355               | 23.591  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.923          | 75   | 68773               | 22.424  | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.076          | 43   | 28740               | 22.740  | ug/l # | 92       |
| 38) Carbon Tetrachloride     | 7.905          | 117  | 70737               | 22.962  | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.185          | 83   | 85670               | 22.225  | ug/l   | 94       |
| 40) Benzene                  | 8.161          | 78   | 204241              | 22.722  | ug/l   | 100      |

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 ALS Vial : 5 Sample Multiplier: 1

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 ClientSampleId :  
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Manual Integrations  
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Reviewed By :Mahesh Dadoda 12/18/2023  
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 18 00:37:10 2023  
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 Quant Title : SW846 8260  
 QLast Update : Sat Dec 16 00:39:52 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.307  | 41   | 12529m   | 19.680  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 50817    | 22.120  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 52353    | 22.539  | ug/l # | 90       |
| 44) Trichloroethene           | 8.941  | 130  | 55248    | 22.069  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 48178    | 22.943  | ug/l   | 95       |
| 46) Dibromomethane            | 9.307  | 93   | 26910    | 23.172  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.502  | 83   | 66589    | 22.694  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.295  | 41   | 28291    | 21.995  | ug/l # | 84       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 5491     | 441.402 | ug/l # | 54       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 141012   | 115.752 | ug/l   | 90       |
| 52) Toluene                   | 10.246 | 92   | 127396   | 22.626  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 62523    | 22.587  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 75021    | 22.542  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 37695    | 23.101  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 32150    | 22.725  | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 62136    | 22.881  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 86561    | 96.370  | ug/l   | 94       |
| 59) 2-Hexanone                | 10.837 | 43   | 122907   | 122.976 | ug/l   | 88       |
| 60) Dibromochloromethane      | 10.990 | 129  | 44762    | 22.635  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 34455    | 22.498  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 54410    | 22.049  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 131955   | 22.461  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 48424    | 22.537  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 238063   | 22.523  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 183577   | 45.021  | ug/l   | 92       |
| 69) o-Xylene                  | 12.032 | 106  | 82797    | 22.199  | ug/l   | 95       |
| 70) Styrene                   | 12.044 | 104  | 119153   | 22.050  | ug/l   | 97       |
| 71) Bromoform                 | 12.209 | 173  | 25697    | 22.054  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.337 | 105  | 225812   | 22.841  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 42318    | 22.838  | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 37868    | 22.515  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 25813m   | 20.050  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 50956    | 21.999  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 270599   | 22.900  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 149024   | 22.966  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105  | 179499   | 22.707  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 12321    | 21.870  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 150946   | 22.495  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 159163   | 23.075  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 176480   | 22.510  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 231120   | 22.835  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 197827   | 22.893  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 99373    | 22.074  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 97465    | 22.018  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 179790   | 22.396  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.965 | 117  | 38264    | 22.247  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 85465    | 22.126  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 5337     | 21.924  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 43689    | 20.938  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 26014    | 20.771  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 74361    | 21.922  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 34804    | 20.234  | ug/l   | 98       |

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Sample : VY1216SBS01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 18 00:37:10 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y121523S.M  
Quant Title : SW846 8260  
QLast Update : Sat Dec 16 00:39:52 2023  
Response via : Initial Calibration

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

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

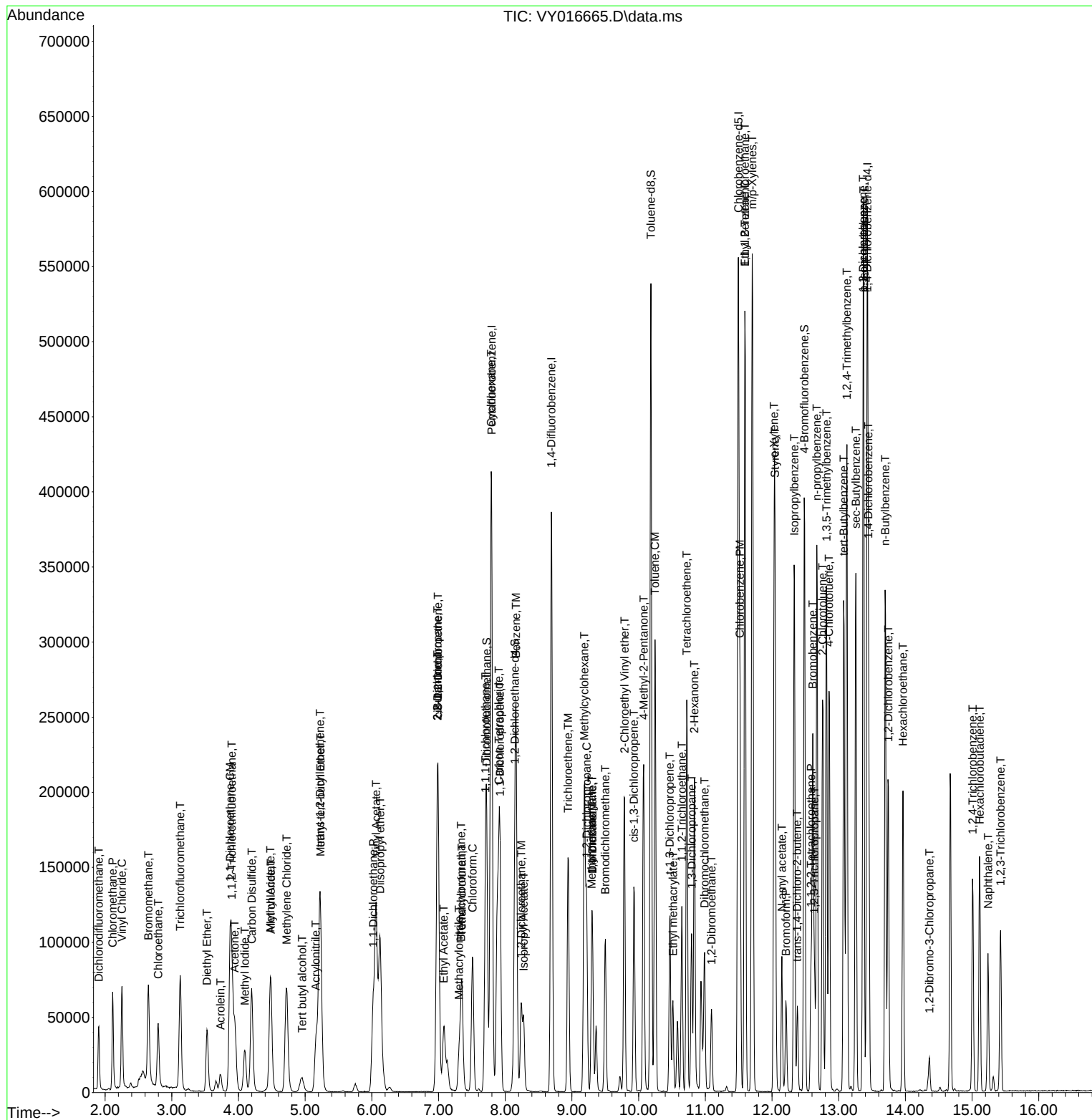
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 Data File : VY016665.D  
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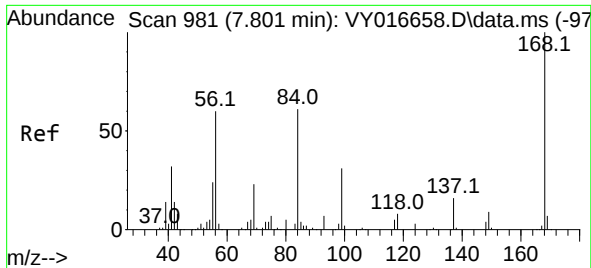
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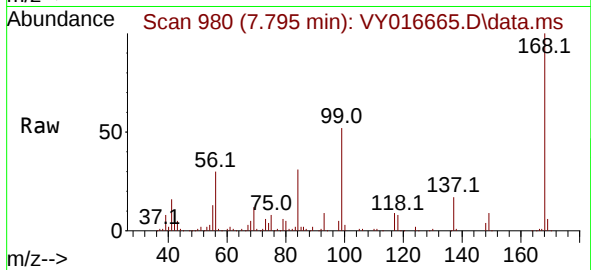
Reviewed By :Mahesh Dadoda 12/18/2023  
 Supervised By :Semsettin Yesilyurt 12/18/2023





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

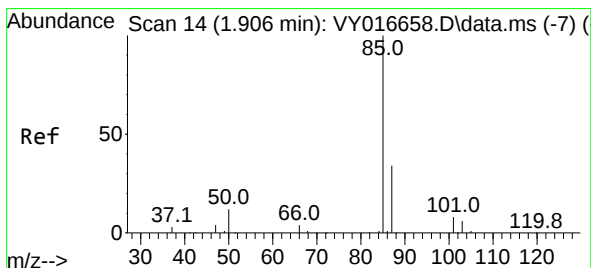
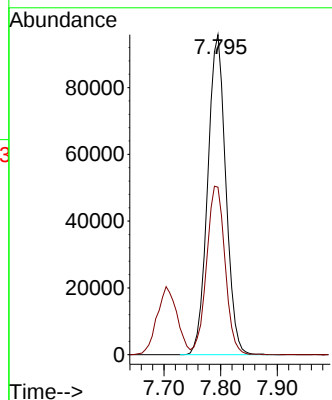
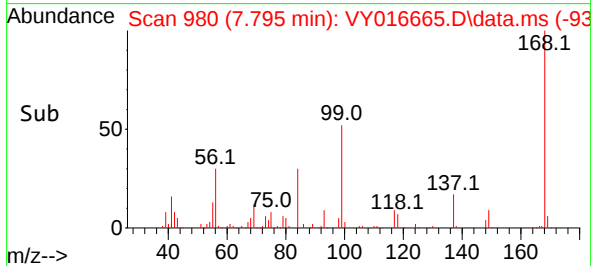
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



Tgt Ion:168 Resp: 21206  
Ion Ratio Lower Upper  
168 100  
99 52.4 43.4 65.0

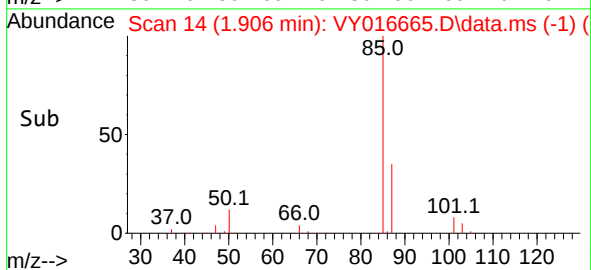
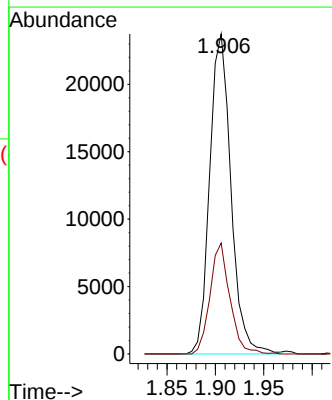
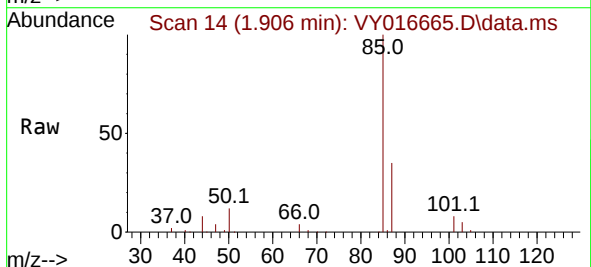
Manual Integrations  
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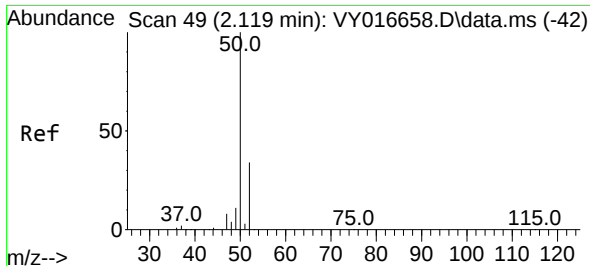
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#2  
Dichlorodifluoromethane  
Concen: 21.936 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 85 Resp: 36253  
Ion Ratio Lower Upper  
85 100  
87 34.6 15.6 46.8





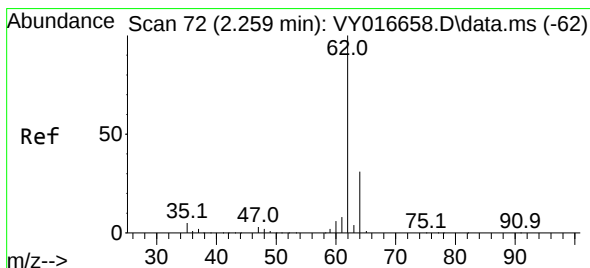
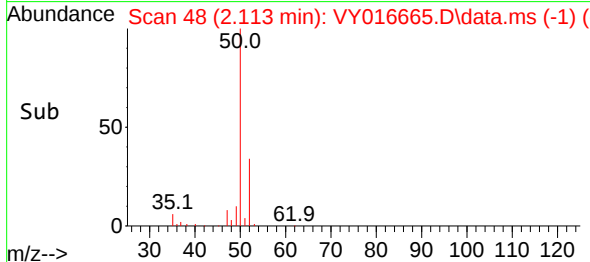
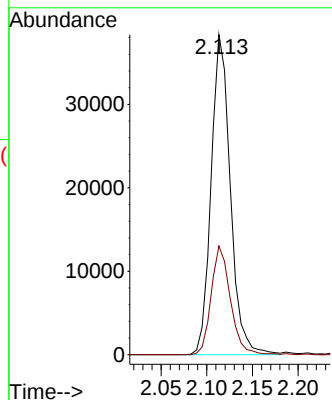
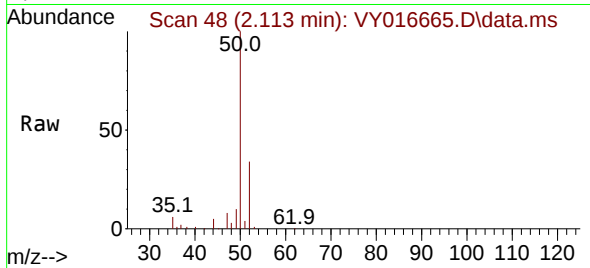
#3  
Chloromethane  
Concen: 21.723 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

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Tgt Ion: 50 Resp: 55948  
Ion Ratio Lower Upper  
50 100  
52 34.0 25.4 38.2

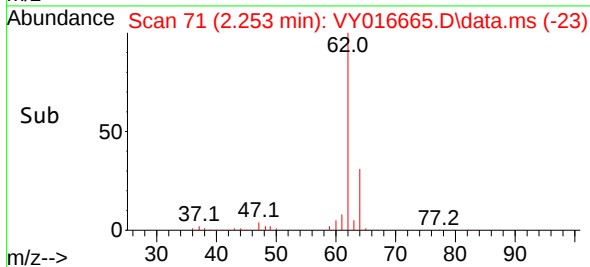
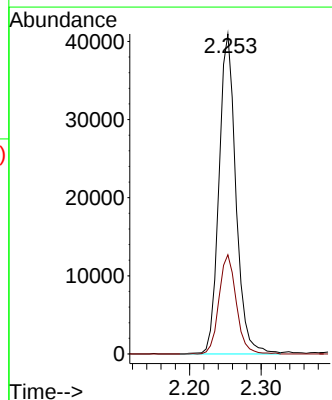
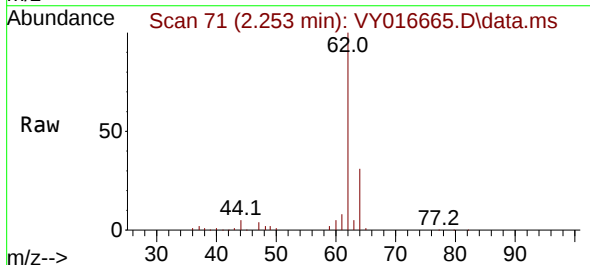
Manual Integrations  
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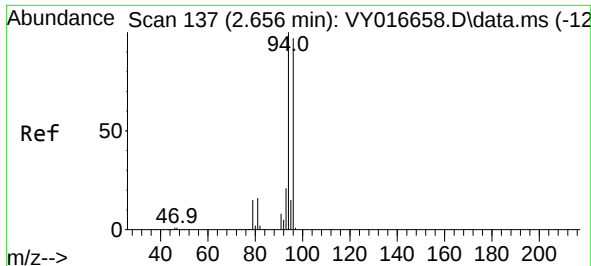
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#4  
Vinyl Chloride  
Concen: 22.790 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

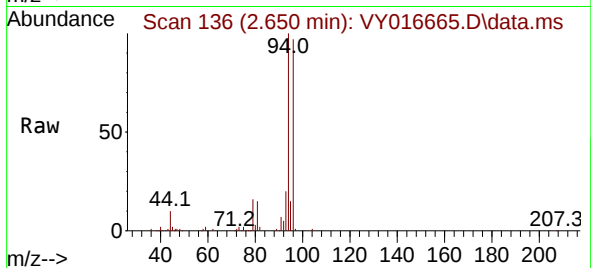
Tgt Ion: 62 Resp: 67379  
Ion Ratio Lower Upper  
62 100  
64 31.0 24.3 36.5





#5  
Bromomethane  
Concen: 23.062 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

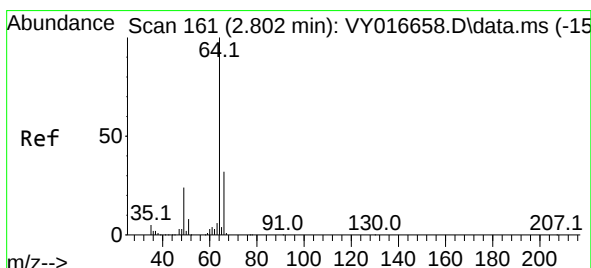
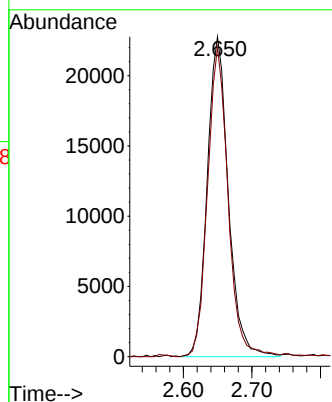
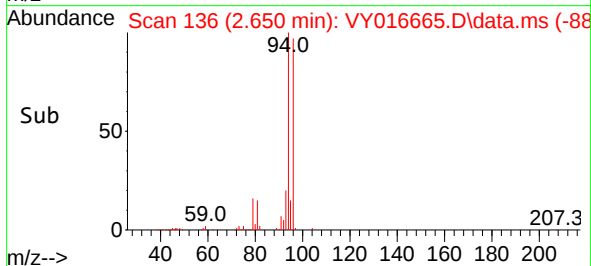
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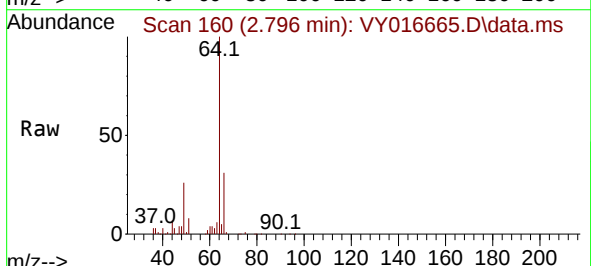
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Ion Ratio Lower Upper  
94 100  
96 96.8 75.8 113.6

Manual Integrations  
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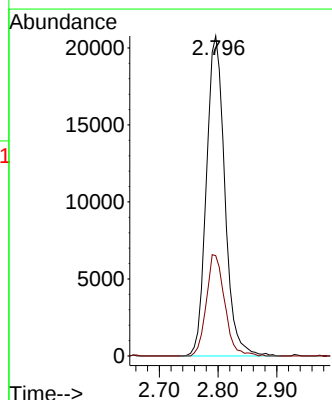
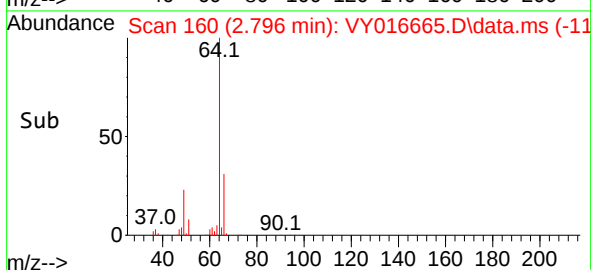
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023

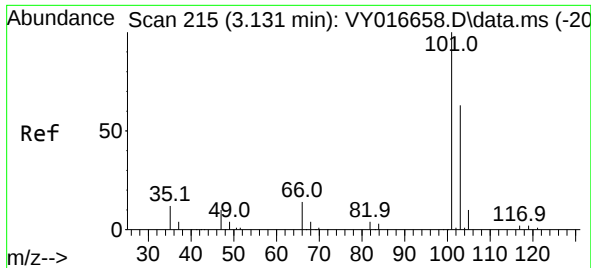


#6  
Chloroethane  
Concen: 23.506 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31



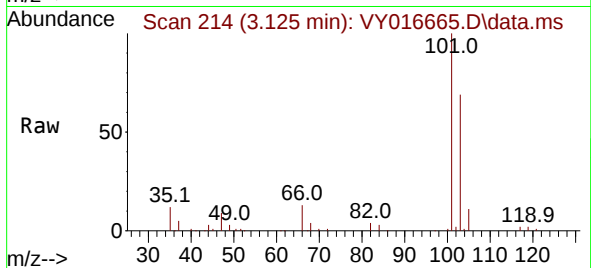
Tgt Ion: 64 Resp: 45203  
Ion Ratio Lower Upper  
64 100  
66 31.3 24.4 36.6





#7  
Trichlorofluoromethane  
Concen: 22.899 ug/l  
RT: 3.125 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

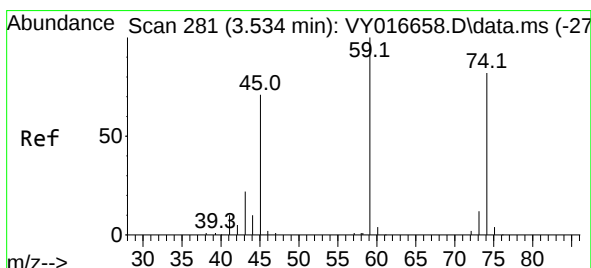
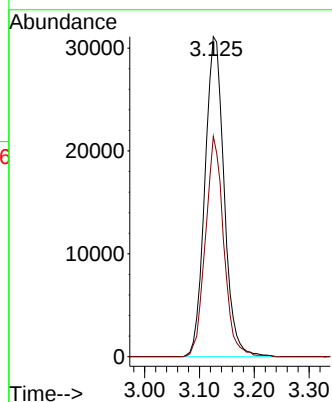
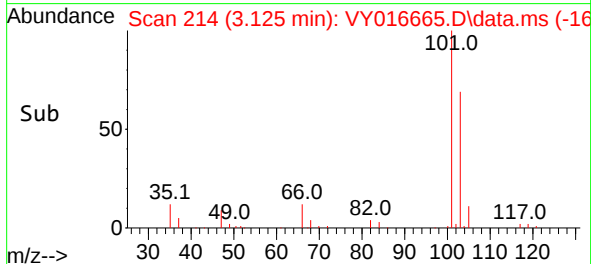
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



Tgt Ion:101 Resp: 75619  
Ion Ratio Lower Upper  
101 100  
103 68.9 51.4 77.0

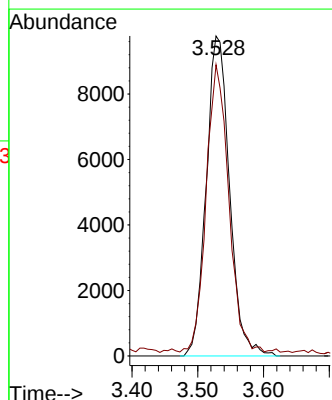
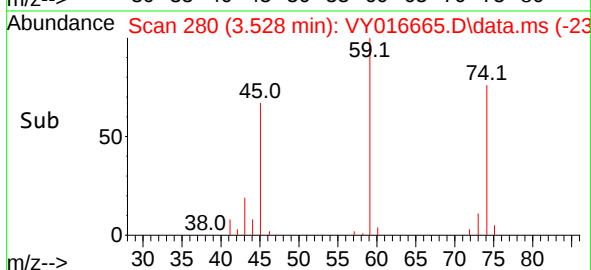
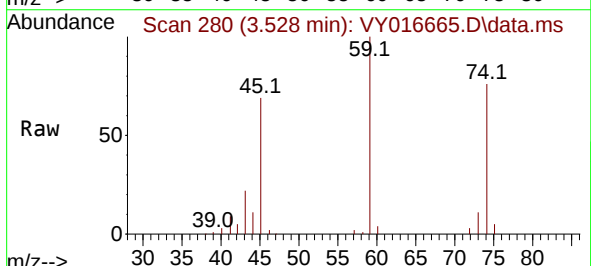
Manual Integrations  
APPROVED

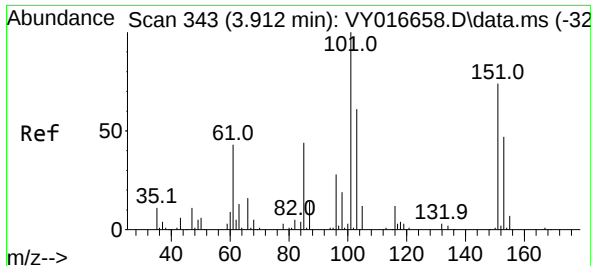
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#8  
Diethyl Ether  
Concen: 23.367 ug/l  
RT: 3.528 min Scan# 280  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 74 Resp: 24103  
Ion Ratio Lower Upper  
74 100  
45 86.5 51.5 154.5





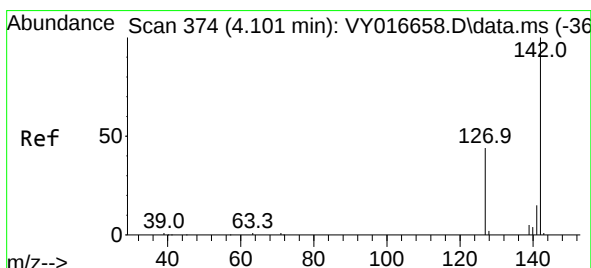
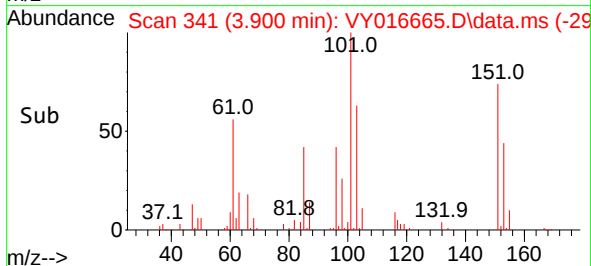
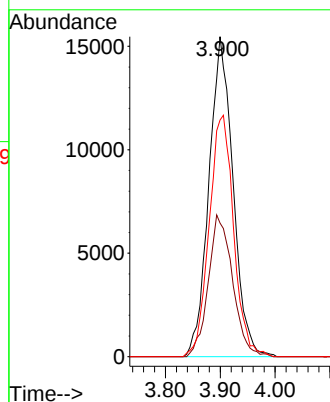
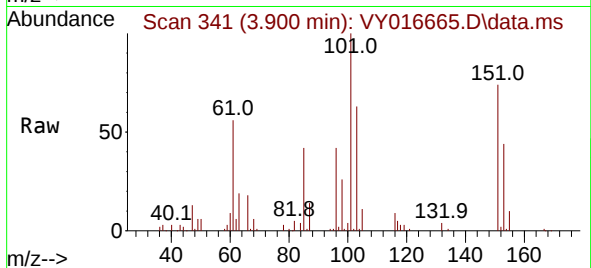
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 23.074 ug/l  
RT: 3.900 min Scan# 341  
Delta R.T. -0.012 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion:101 Resp: 47124  
Ion Ratio Lower Upper  
101 100  
85 44.7 36.6 55.0  
151 76.7 67.0 100.6

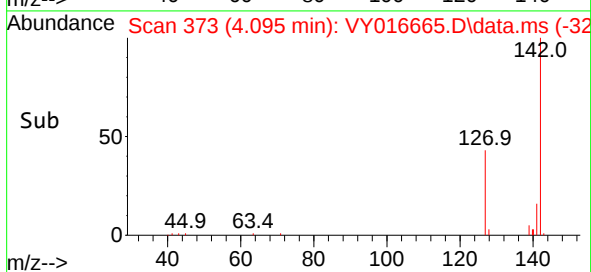
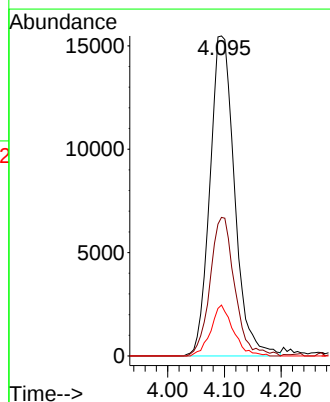
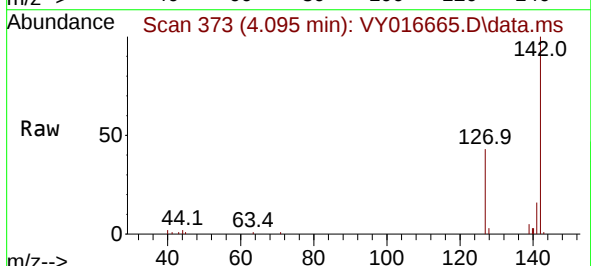
Manual Integrations  
APPROVED

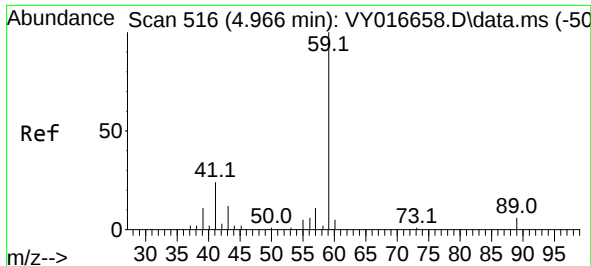
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#10  
Methyl Iodide  
Concen: 22.014 ug/l  
RT: 4.095 min Scan# 373  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

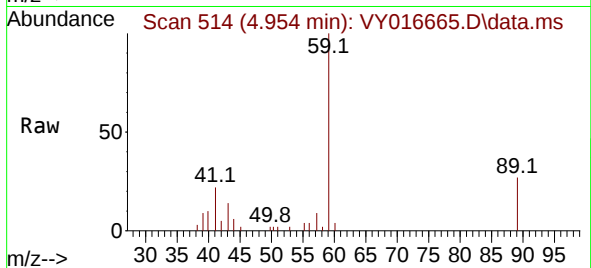
Tgt Ion:142 Resp: 46791  
Ion Ratio Lower Upper  
142 100  
127 43.3 37.6 56.4  
141 14.5 11.8 17.8





#11  
Tert butyl alcohol  
Concen: 125.688 ug/l  
RT: 4.954 min Scan# 516  
Delta R.T. -0.012 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

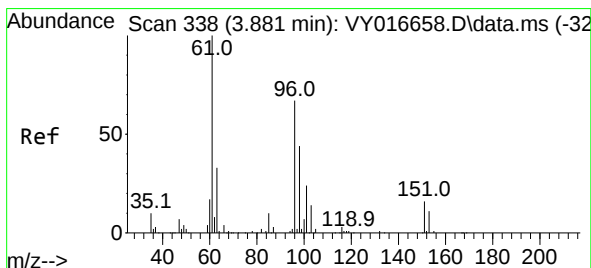
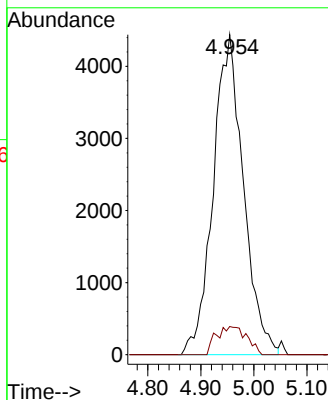
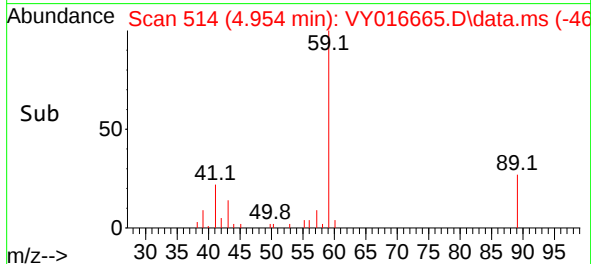
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



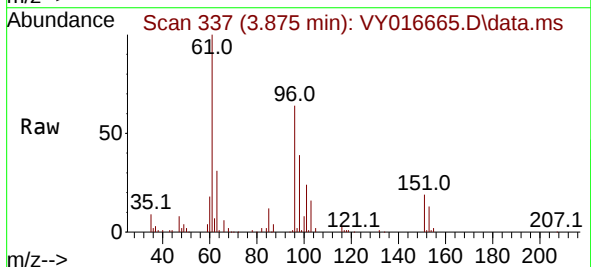
Tgt Ion: 59 Resp: 17590  
Ion Ratio Lower Upper  
59 100  
57 8.9 3.0 4.4

Manual Integrations  
APPROVED

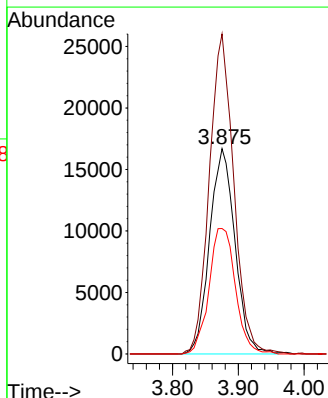
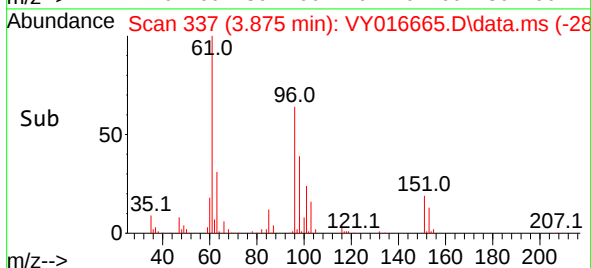
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023

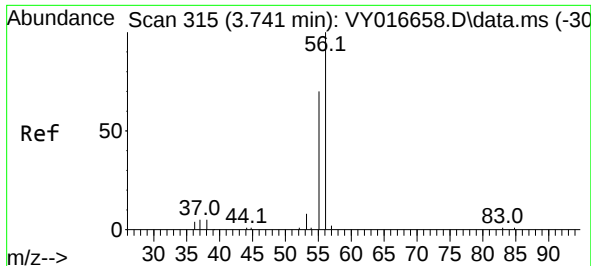


#12  
1,1-Dichloroethene  
Concen: 23.285 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31



Tgt Ion: 96 Resp: 44832  
Ion Ratio Lower Upper  
96 100  
61 155.8 136.4 204.6  
98 61.1 49.4 74.2





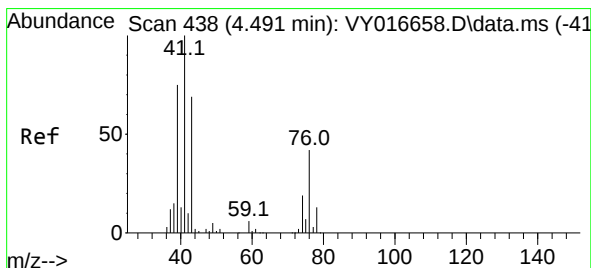
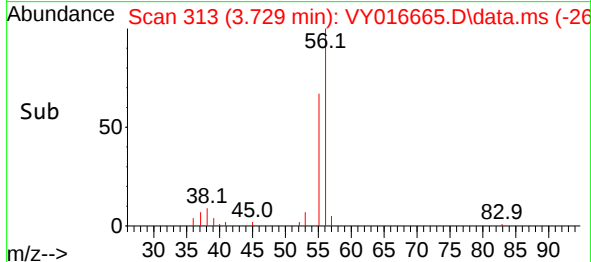
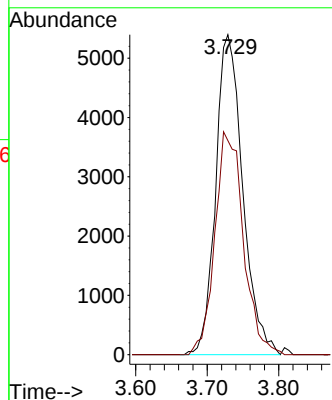
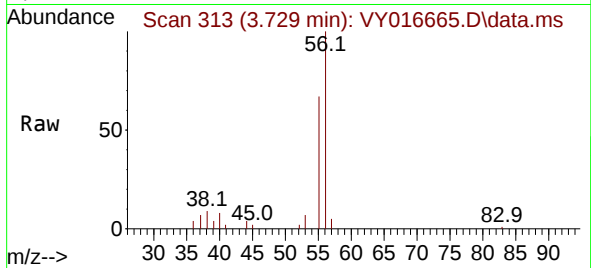
#13  
Acrolein  
Concen: 130.755 ug/l  
RT: 3.729 min Scan# 315  
Delta R.T. -0.012 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion: 56 Resp: 1418  
Ion Ratio Lower Upper  
56 100  
55 73.2 57.0 85.4

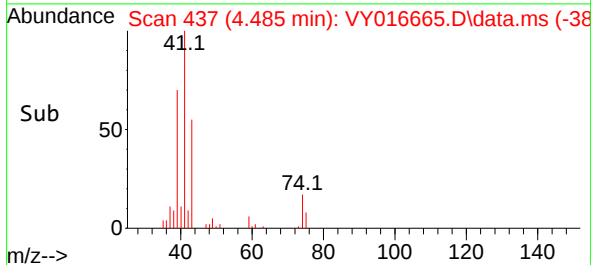
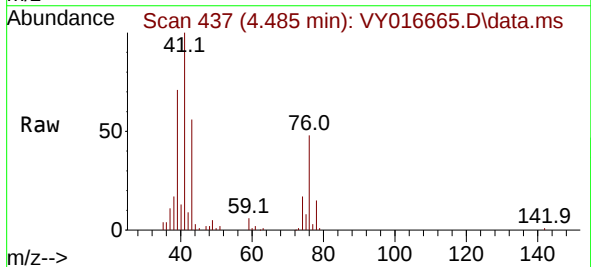
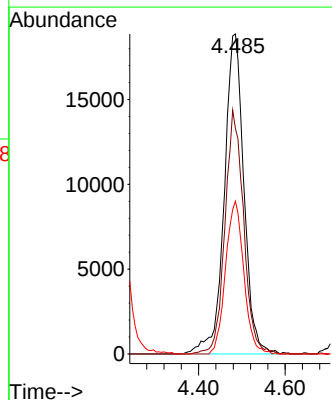
Manual Integrations  
APPROVED

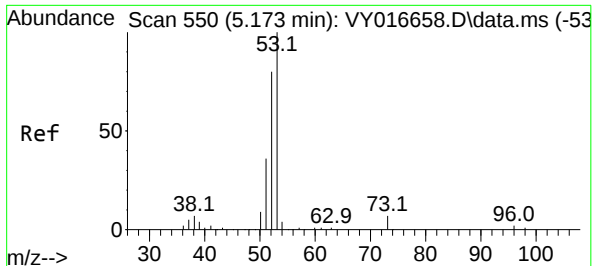
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#14  
Allyl chloride  
Concen: 22.836 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

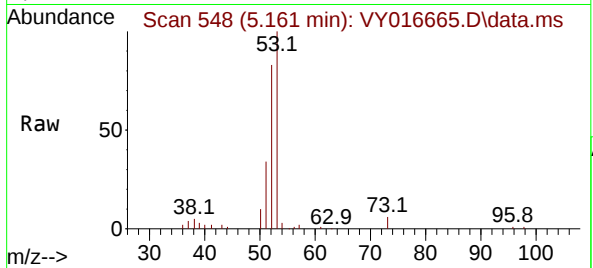
Tgt Ion: 41 Resp: 59612  
Ion Ratio Lower Upper  
41 100  
39 72.3 58.0 87.0  
76 44.4 27.4 41.2#





#15  
Acrylonitrile  
Concen: 116.300 ug/l  
RT: 5.161 min Scan# 54  
Delta R.T. -0.012 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

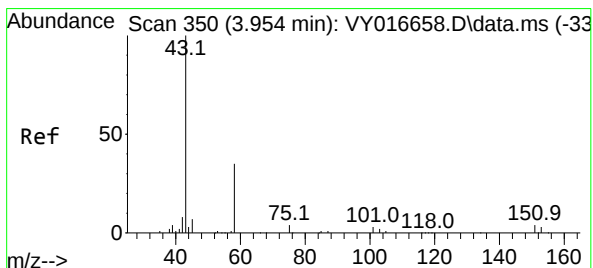
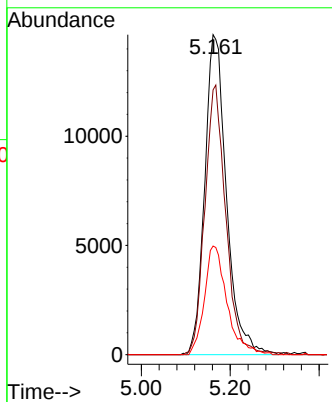
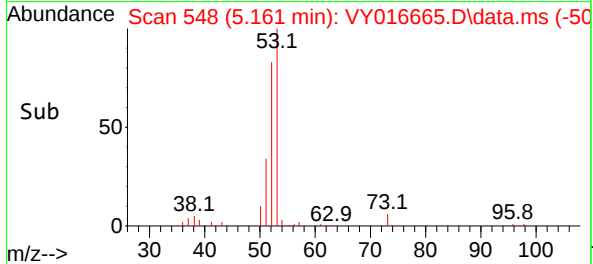
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



Tgt Ion: 53 Resp: 4992  
Ion Ratio Lower Upper  
53 100  
52 80.6 66.9 100.3  
51 35.3 29.8 44.6

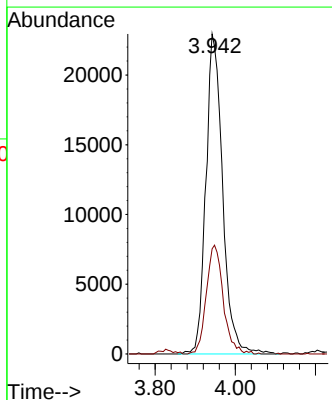
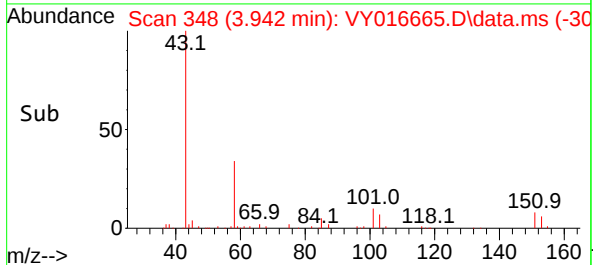
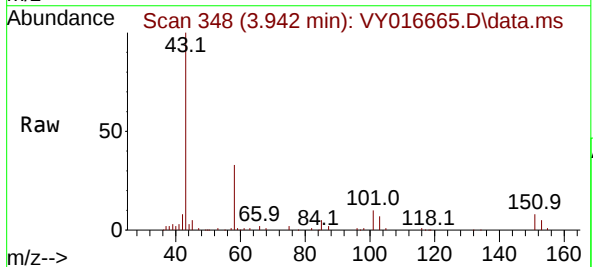
Manual Integrations  
APPROVED

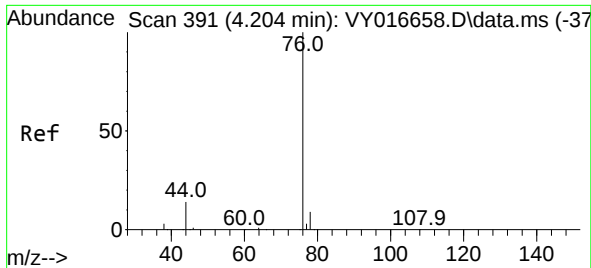
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#16  
Acetone  
Concen: 151.267 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.012 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 43 Resp: 66518  
Ion Ratio Lower Upper  
43 100  
58 32.6 22.7 34.1





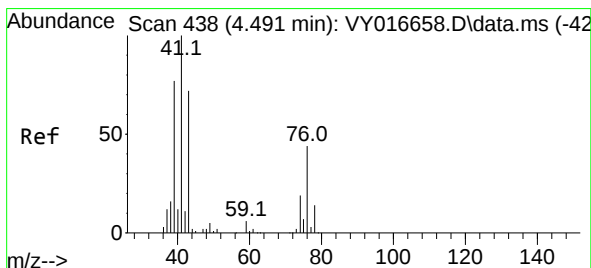
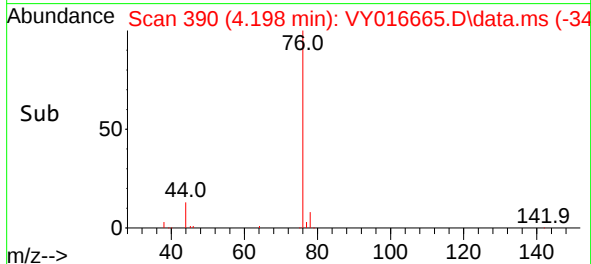
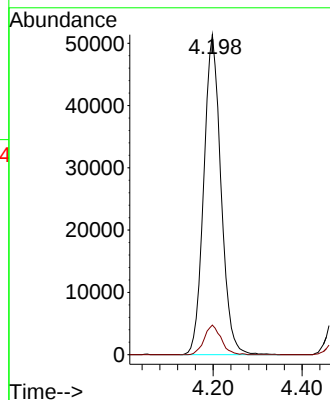
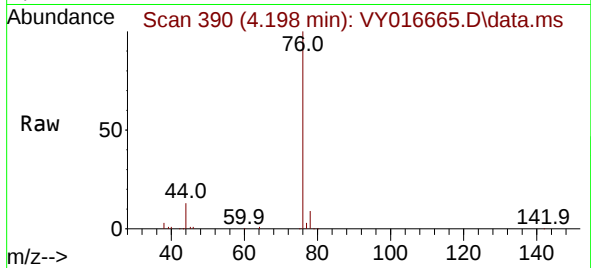
#17  
Carbon Disulfide  
Concen: 22.780 ug/l  
RT: 4.198 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion: 76 Resp: 138718  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.0 10.4

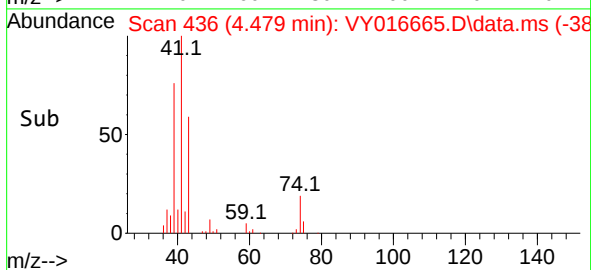
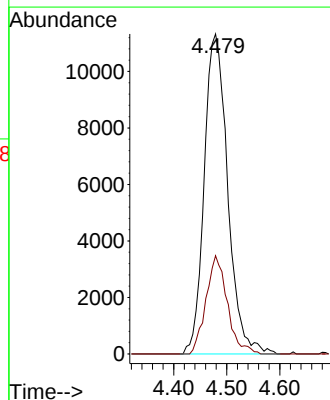
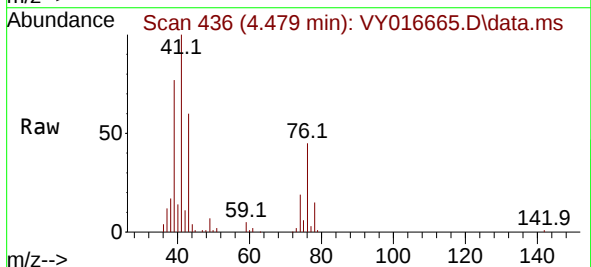
Manual Integrations  
APPROVED

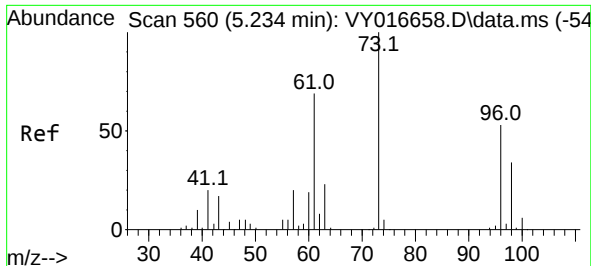
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#18  
Methyl Acetate  
Concen: 21.551 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. -0.012 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 43 Resp: 34904  
Ion Ratio Lower Upper  
43 100  
74 27.8 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 22.976 ug/l

RT: 5.229 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA\_Y

ClientSampleId :

VY1216SBS01

Tgt Ion: 73 Resp: 103719

Ion Ratio Lower Upper

73 100

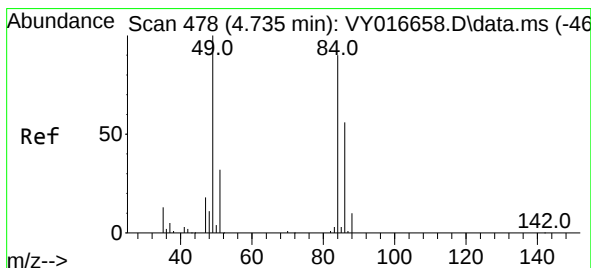
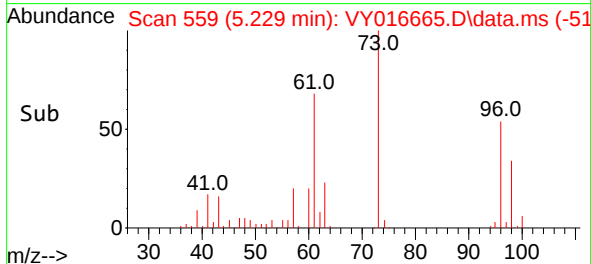
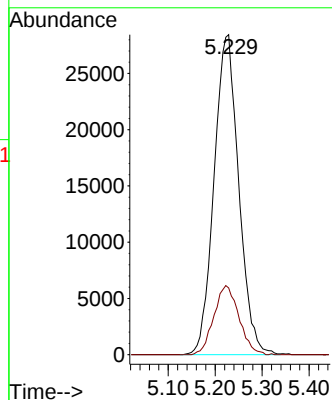
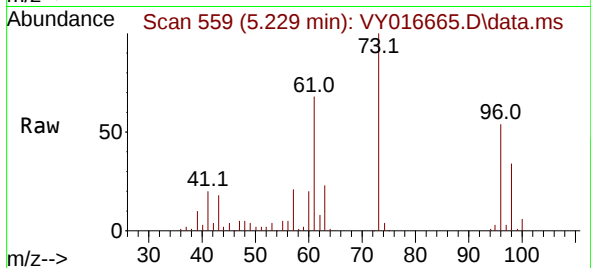
57 20.9 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#20

Methylene Chloride

Concen: 23.223 ug/l

RT: 4.723 min Scan# 476

Delta R.T. -0.012 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Tgt Ion: 84 Resp: 56596

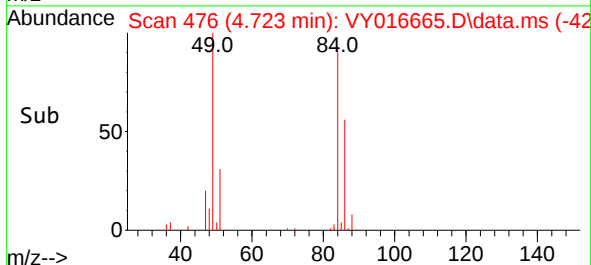
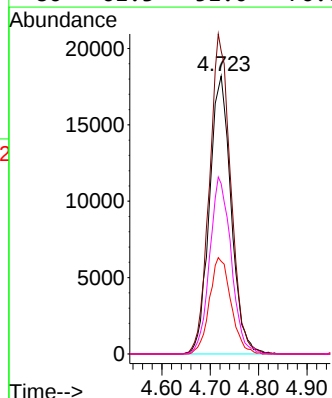
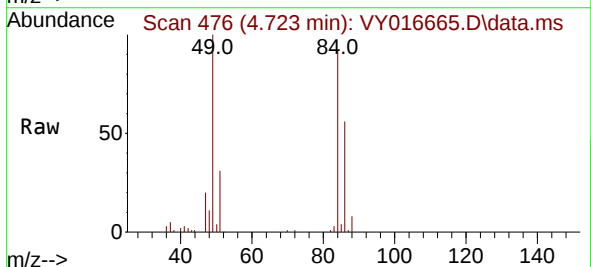
Ion Ratio Lower Upper

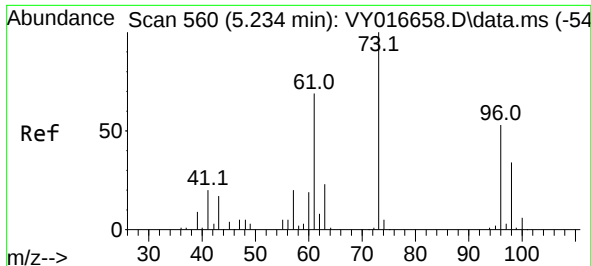
84 100

49 109.1 106.9 160.3

51 33.3 33.2 49.8

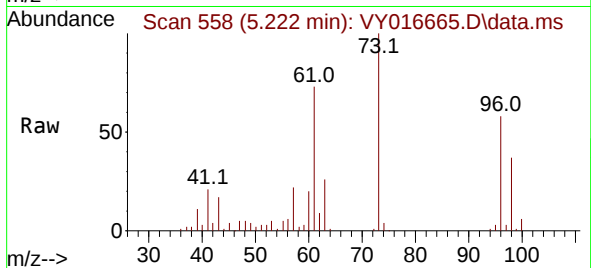
86 61.3 51.0 76.6





#21  
trans-1,2-Dichloroethene  
Concen: 22.525 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

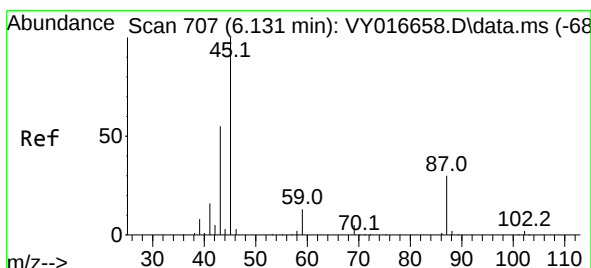
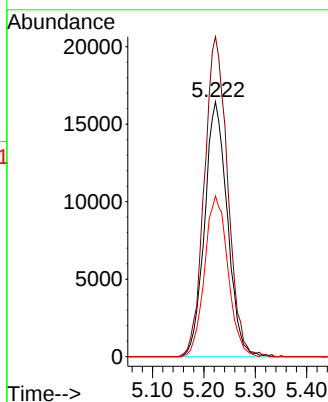
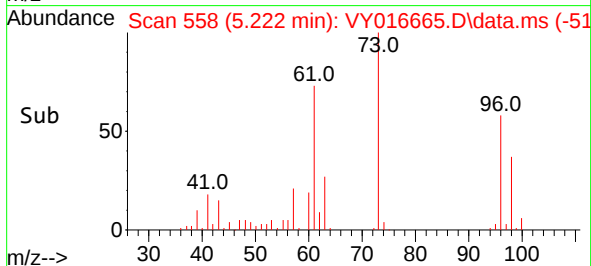
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



Tgt Ion: 96 Resp: 5052  
Ion Ratio Lower Upper  
96 100  
61 125.5 110.2 165.4  
98 63.1 51.8 77.6

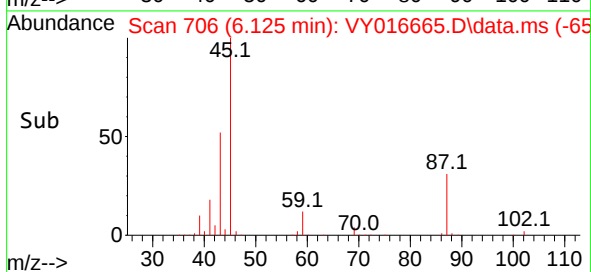
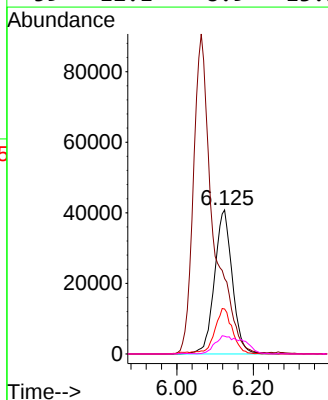
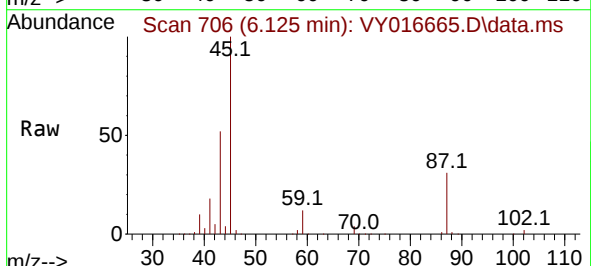
Manual Integrations  
APPROVED

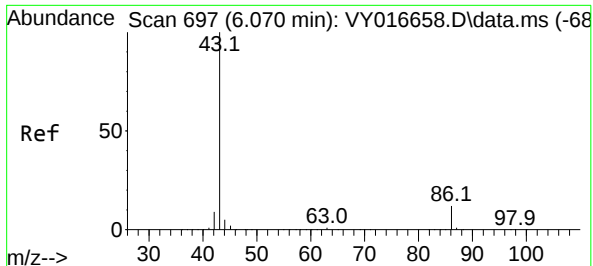
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#22  
Diisopropyl ether  
Concen: 23.523 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 45 Resp: 131598  
Ion Ratio Lower Upper  
45 100  
43 51.3 52.2 78.4#  
87 31.2 21.0 31.6  
59 12.1 8.9 13.3





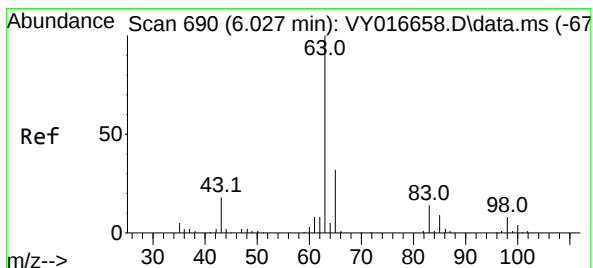
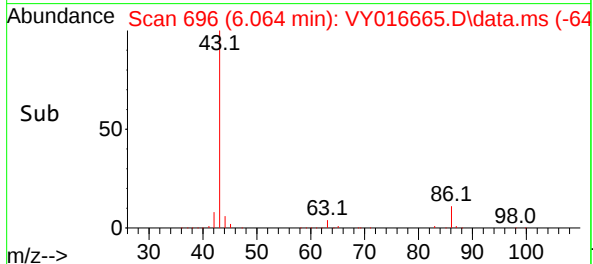
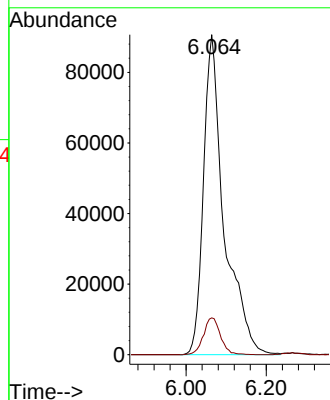
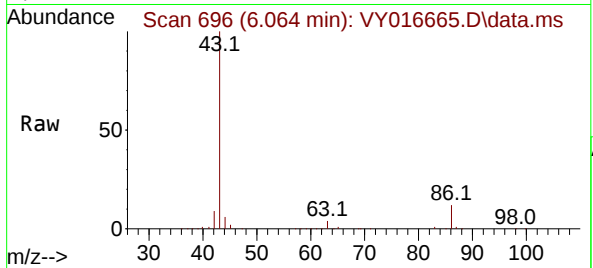
#23  
 Vinyl Acetate  
 Concen: 117.369 ug/l  
 RT: 6.064 min Scan# 696  
 Delta R.T. -0.006 min  
 Lab File: VY016665.D  
 Acq: 16 Dec 2023 11:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1216SBS01

Tgt Ion: 43 Resp: 32354  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 7.5 11.3

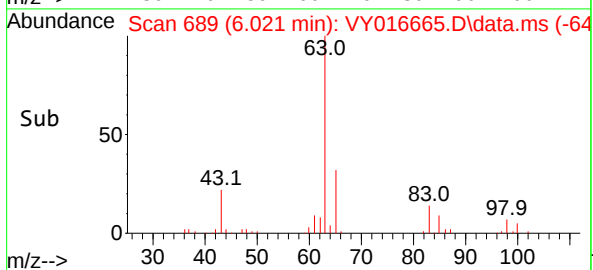
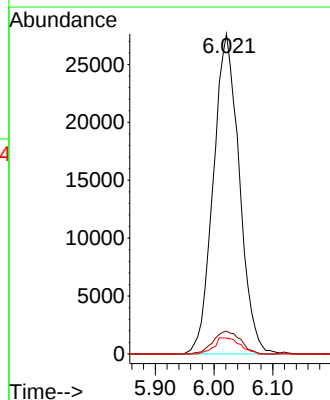
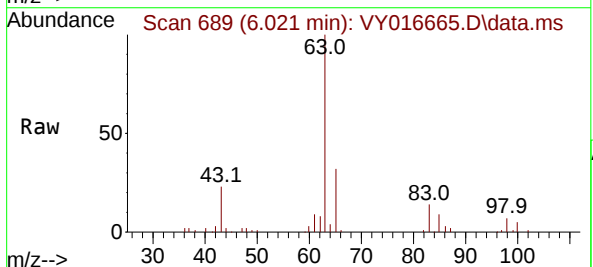
Manual Integrations  
 APPROVED

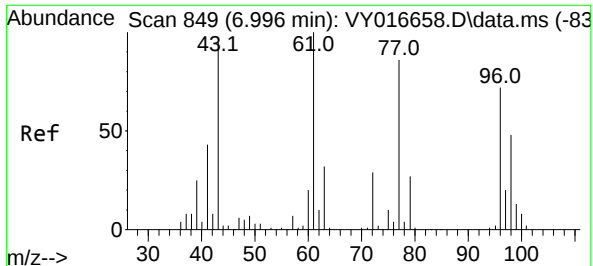
Reviewed By :Mahesh Dadoda 12/18/2023  
 Supervised By :Semsettin Yesilyurt 12/18/2023



#24  
 1,1-Dichloroethane  
 Concen: 23.240 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. -0.006 min  
 Lab File: VY016665.D  
 Acq: 16 Dec 2023 11:31

Tgt Ion: 63 Resp: 84846  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.1 9.4  
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 138.761 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA\_Y

ClientSampleId :

VY1216SBS01

Tgt Ion: 43 Resp: 8468

Ion Ratio Lower Upper

43 100

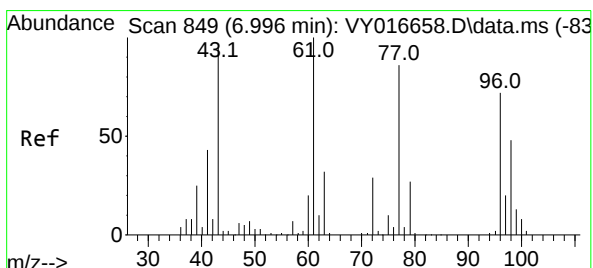
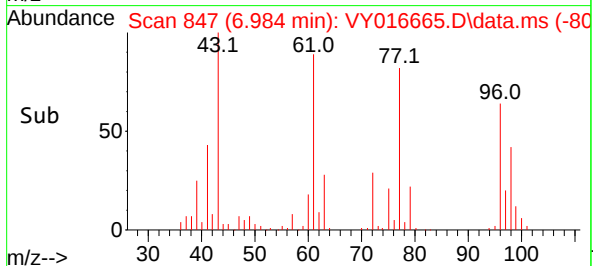
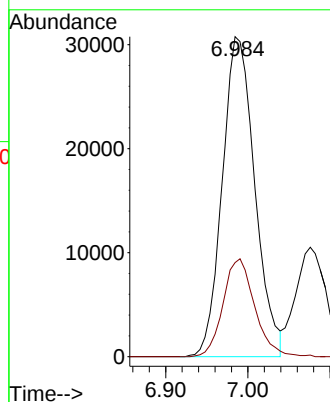
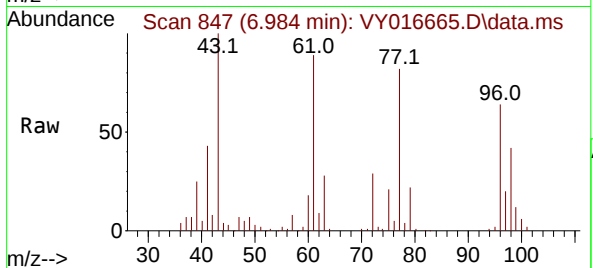
72 29.4 20.5 30.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#26

2,2-Dichloropropane

Concen: 23.239 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016665.D

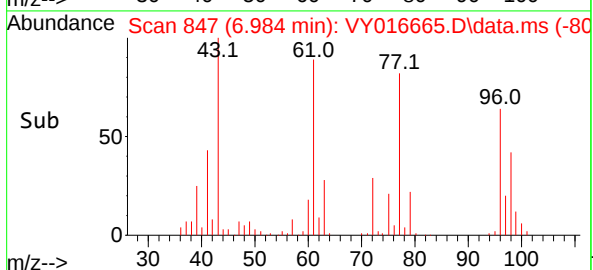
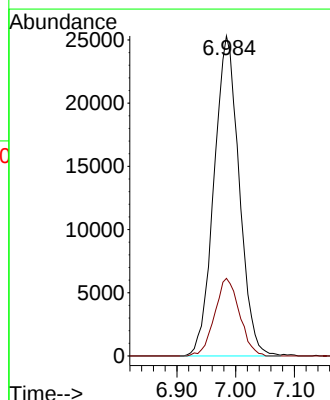
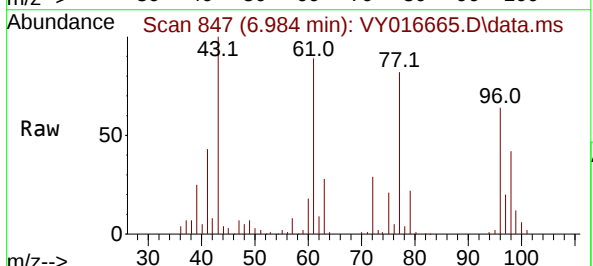
Acq: 16 Dec 2023 11:31

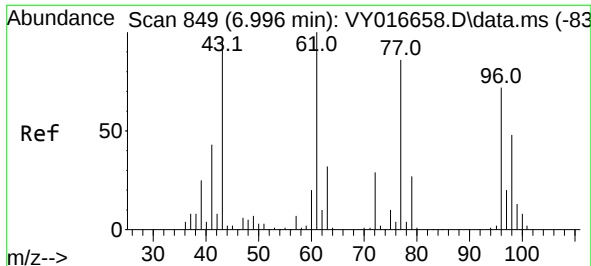
Tgt Ion: 77 Resp: 75326

Ion Ratio Lower Upper

77 100

97 23.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 23.217 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA\_Y

ClientSampleId :

VY1216SBS01

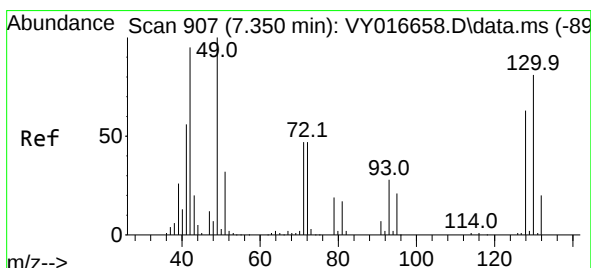
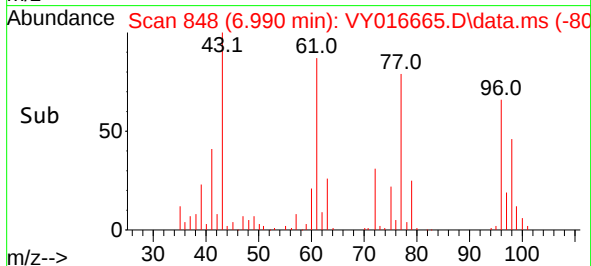
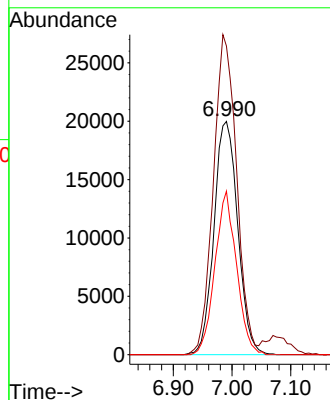
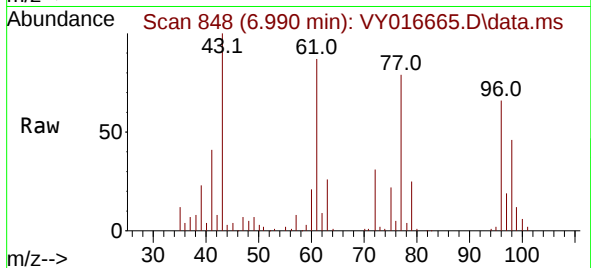
Tgt Ion: 96 Resp: 56240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 134.1 | 0.0   | 301.4 |
| 98  | 63.6  | 0.0   | 130.4 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#28

Bromochloromethane

Concen: 14.670 ug/l

RT: 7.338 min Scan# 905

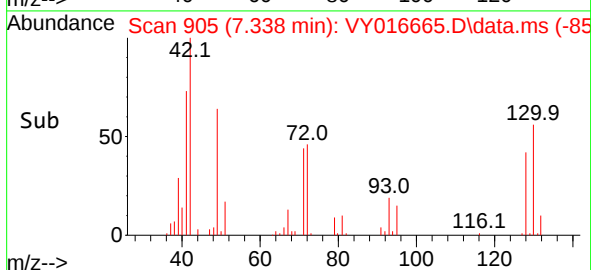
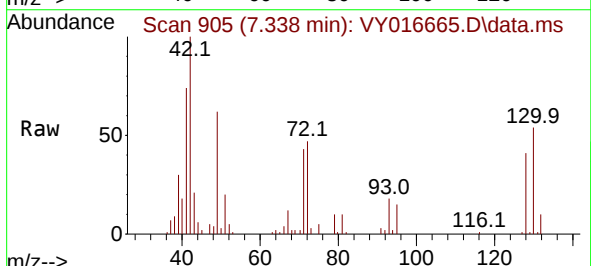
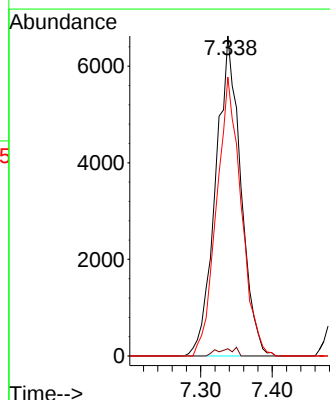
Delta R.T. -0.012 min

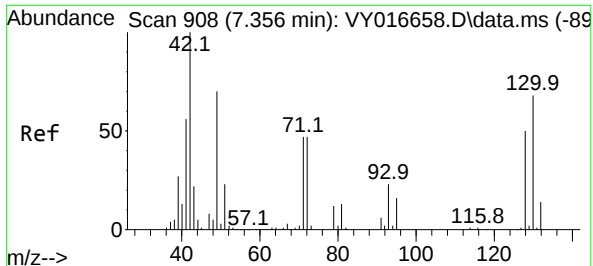
Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Tgt Ion: 49 Resp: 16174

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.8   | 0.0   | 4.6   |
| 130 | 85.2  | 60.7  | 91.1  |





#29

Tetrahydrofuran

Concen: 117.228 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA\_Y

ClientSampleId :

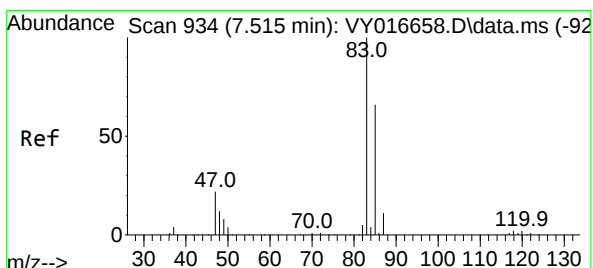
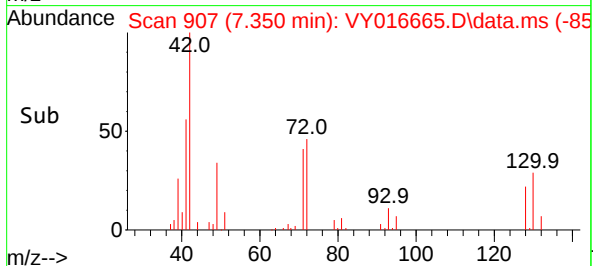
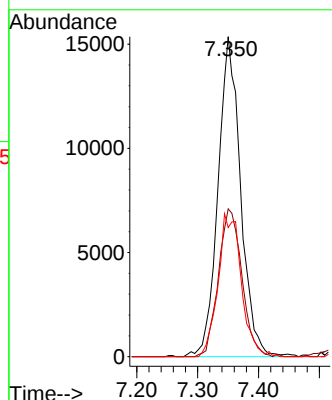
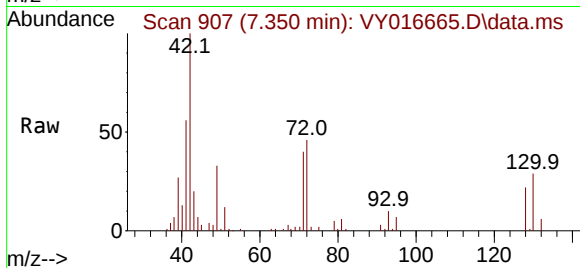
VY1216SBS01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 3952 |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 47.9  | 32.8  | 49.2 |
| 71        | 46.0  | 31.0  | 46.4 |

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#30

Chloroform

Concen: 23.421 ug/l

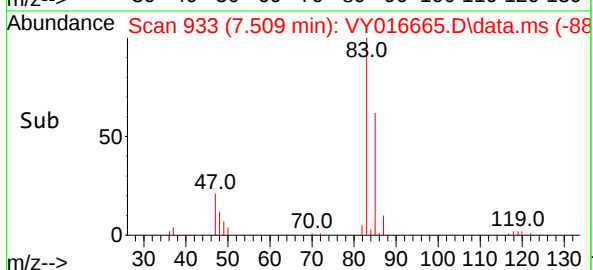
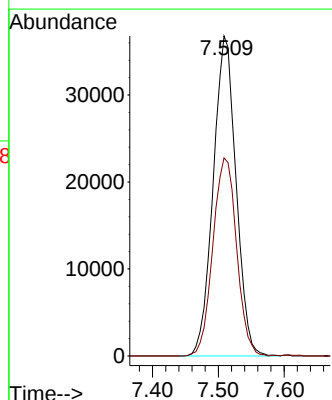
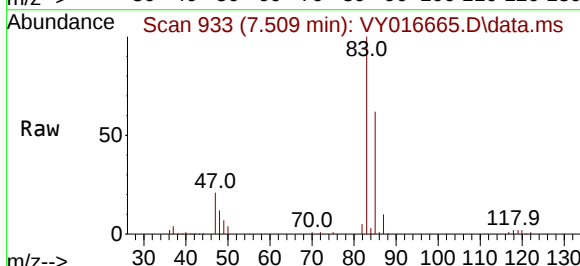
RT: 7.509 min Scan# 933

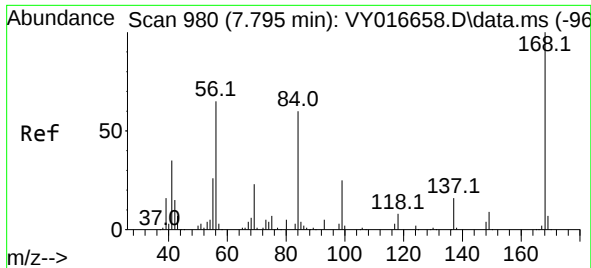
Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

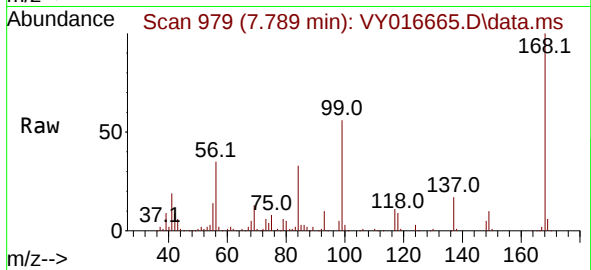
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 88924 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 61.9  | 49.7  | 74.5  |





#31  
Cyclohexane  
Concen: 22.925 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

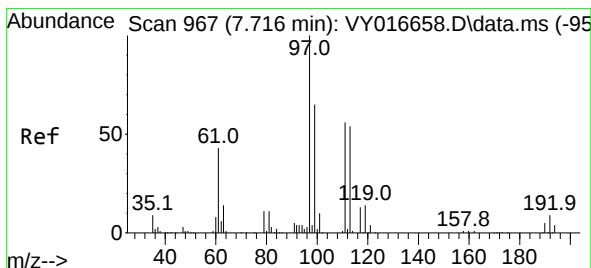
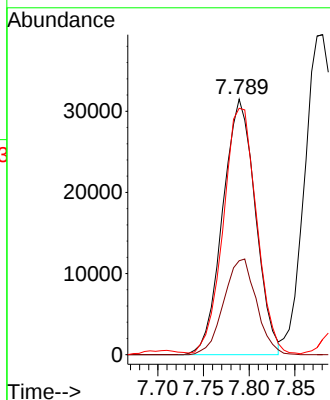
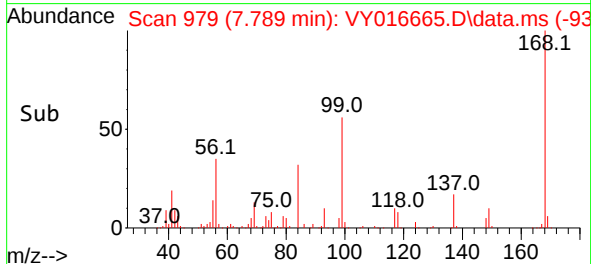
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



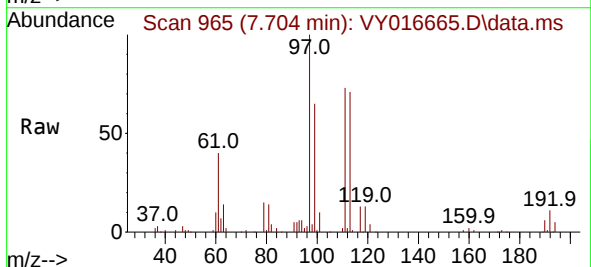
Tgt Ion: 56 Resp: 78494  
Ion Ratio Lower Upper  
56 100  
69 36.8 27.8 41.6  
84 95.4 66.4 99.6

Manual Integrations  
APPROVED

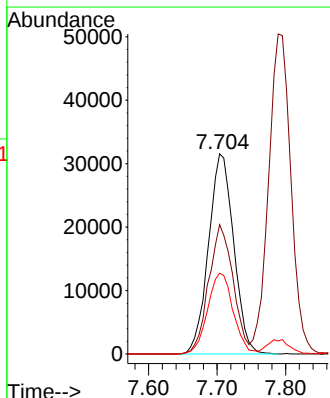
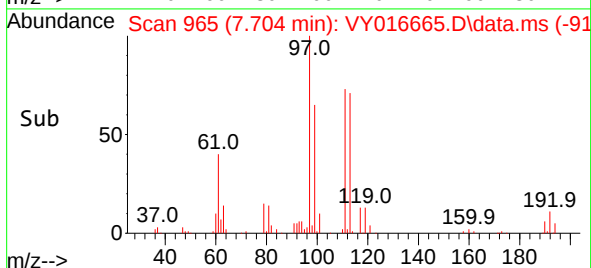
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023

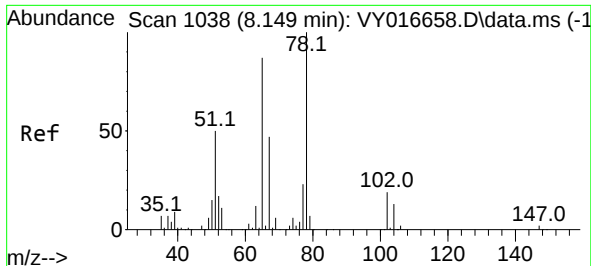


#32  
1,1,1-Trichloroethane  
Concen: 23.591 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. -0.012 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31



Tgt Ion: 97 Resp: 80355  
Ion Ratio Lower Upper  
97 100  
99 62.7 50.8 76.2  
61 41.0 35.1 52.7





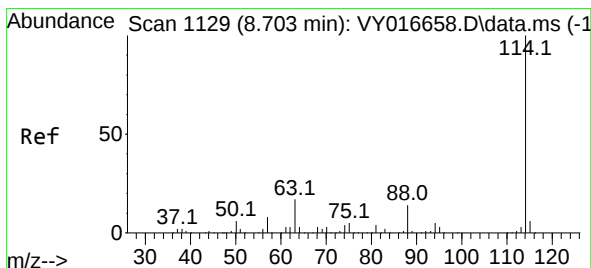
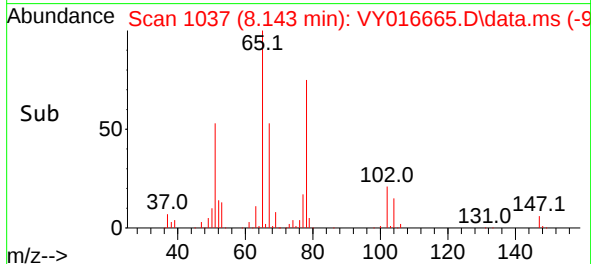
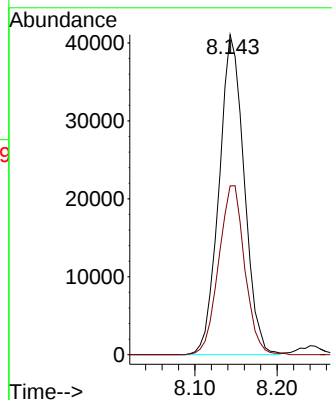
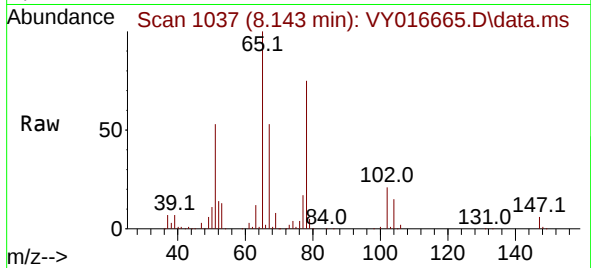
#33  
1,2-Dichloroethane-d4  
Concen: 50.321 ug/l  
RT: 8.143 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion: 65 Resp: 87224  
Ion Ratio Lower Upper  
65 100  
67 54.7 0.0 101.8

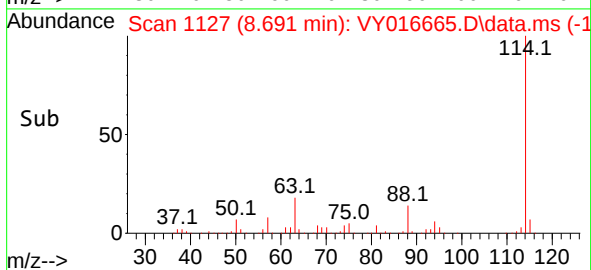
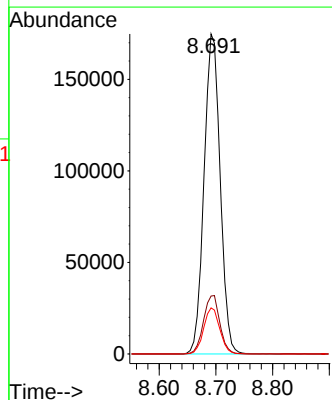
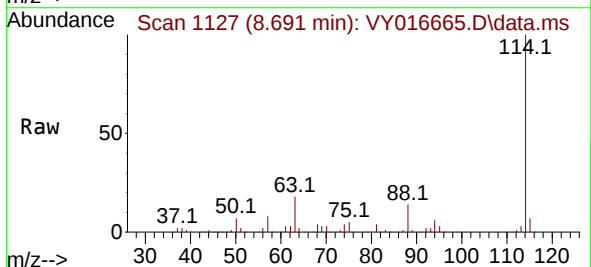
Manual Integrations  
APPROVED

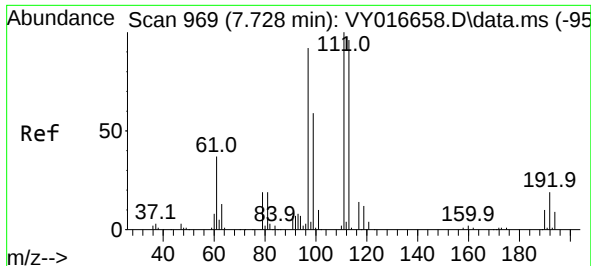
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. -0.012 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

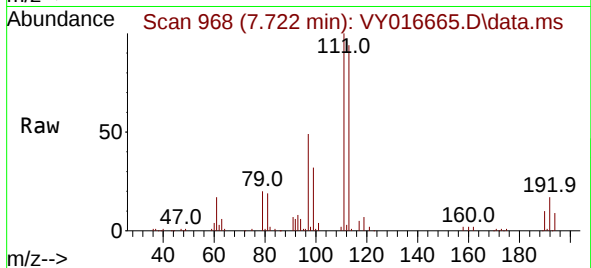
Tgt Ion:114 Resp: 345205  
Ion Ratio Lower Upper  
114 100  
63 18.1 0.0 42.4  
88 14.4 0.0 30.6





#35  
Dibromofluoromethane  
Concen: 50.517 ug/l  
RT: 7.722 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

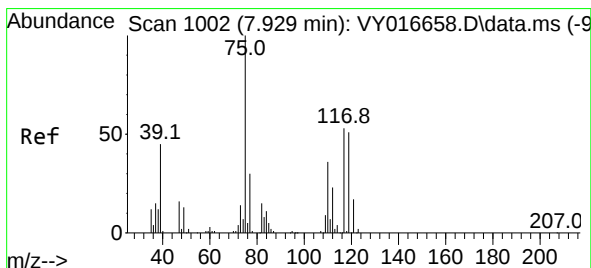
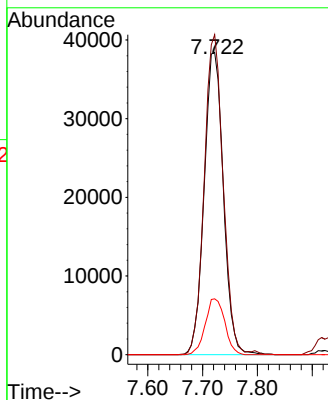
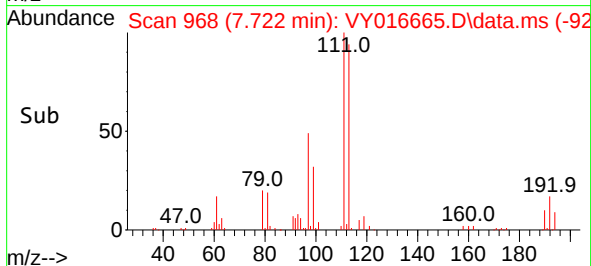
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



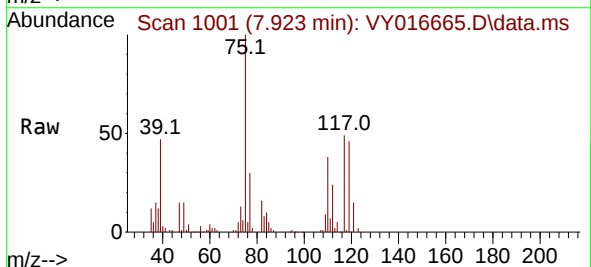
Tgt Ion:113 Resp: 93540  
Ion Ratio Lower Upper  
113 100  
111 103.7 81.3 121.9  
192 18.8 16.9 25.3

Manual Integrations  
APPROVED

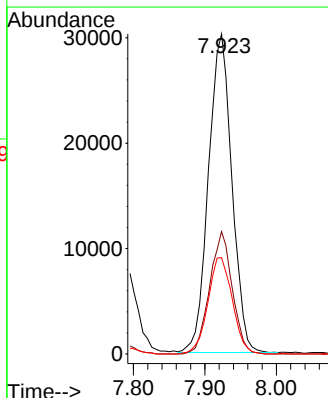
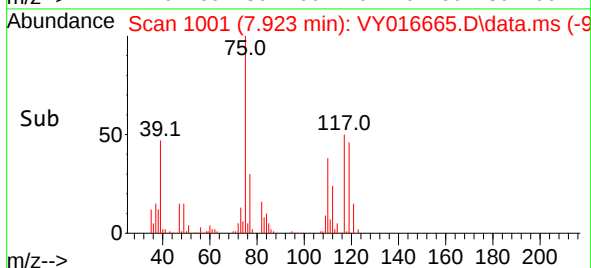
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023

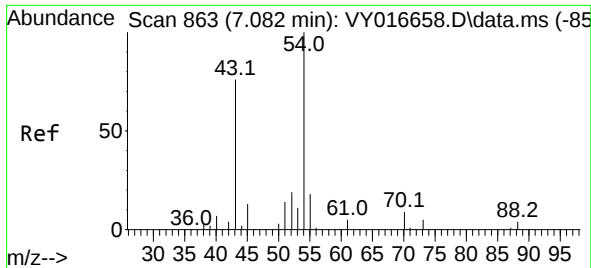


#36  
1,1-Dichloropropene  
Concen: 22.424 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31



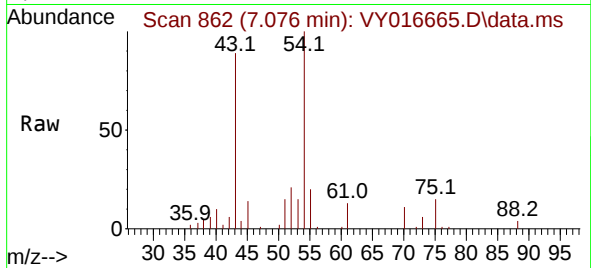
Tgt Ion: 75 Resp: 68773  
Ion Ratio Lower Upper  
75 100  
110 37.0 17.8 53.5  
77 31.6 24.4 36.6





#37  
Ethyl Acetate  
Concen: 22.740 ug/l  
RT: 7.076 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

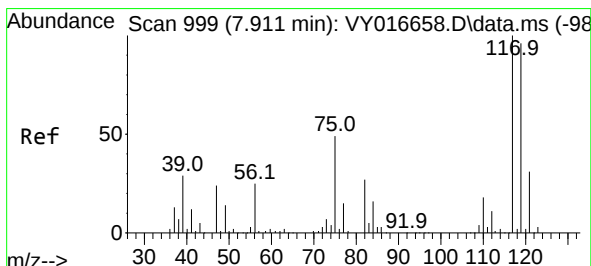
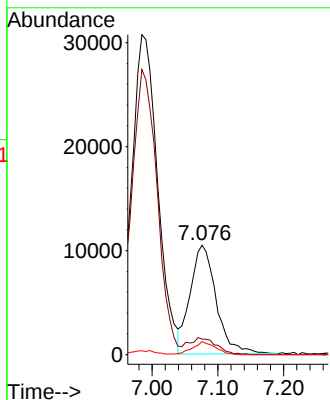
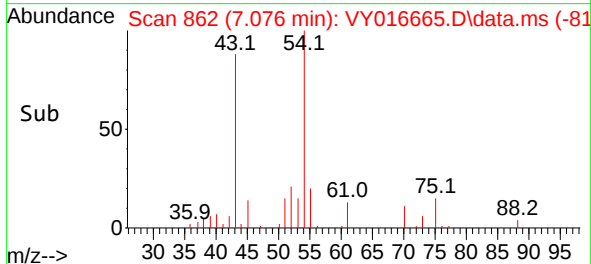
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



Tgt Ion: 43 Resp: 28740  
Ion Ratio Lower Upper  
43 100  
61 16.5 10.1 15.1  
70 10.5 7.1 10.7

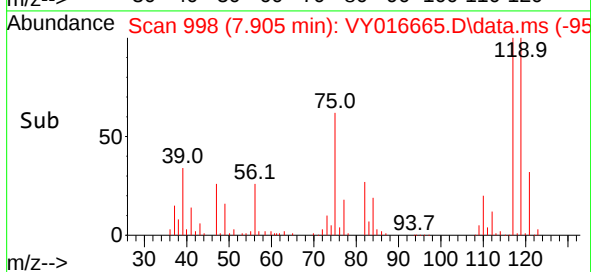
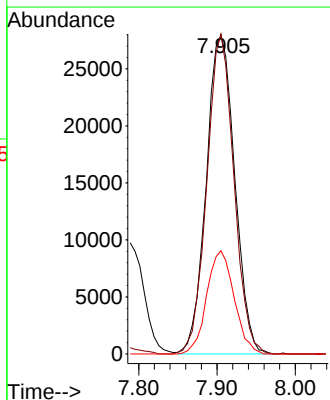
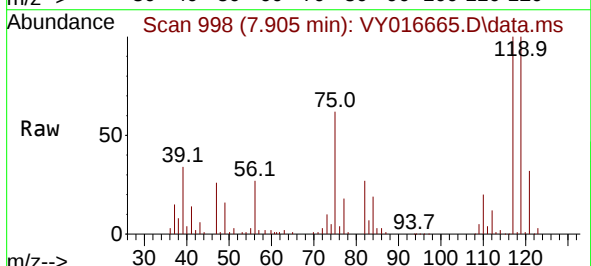
Manual Integrations  
APPROVED

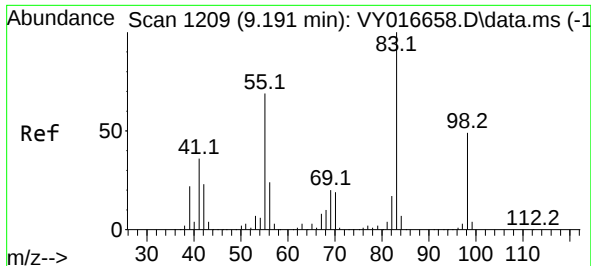
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#38  
Carbon Tetrachloride  
Concen: 22.962 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

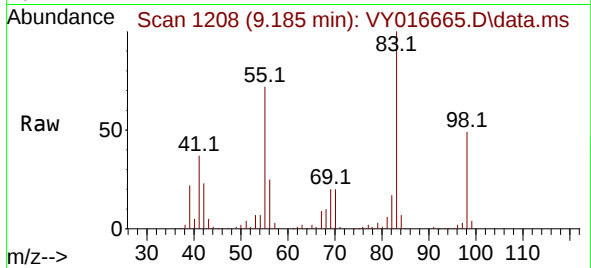
Tgt Ion:117 Resp: 70737  
Ion Ratio Lower Upper  
117 100  
119 100.5 76.4 114.6  
121 32.4 25.8 38.6





#39  
Methylcyclohexane  
Concen: 22.225 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

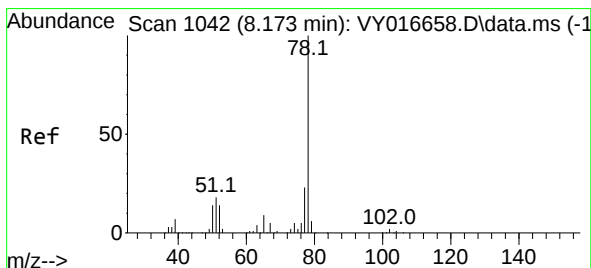
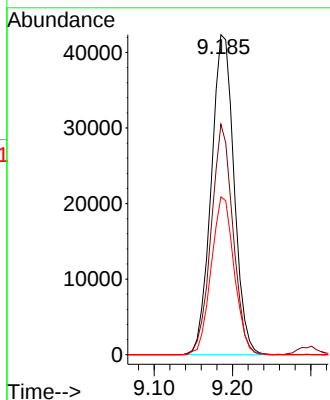
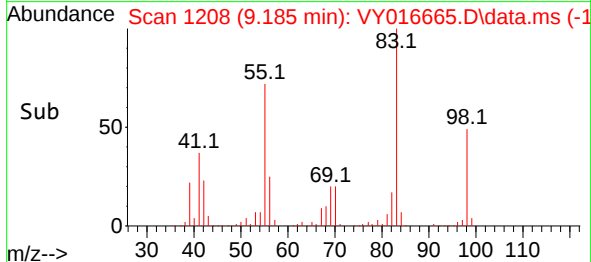
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



Tgt Ion: 83 Resp: 85670  
Ion Ratio Lower Upper  
83 100  
55 72.0 63.0 94.4  
98 49.4 37.4 56.2

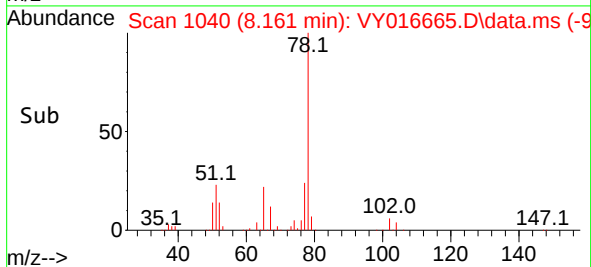
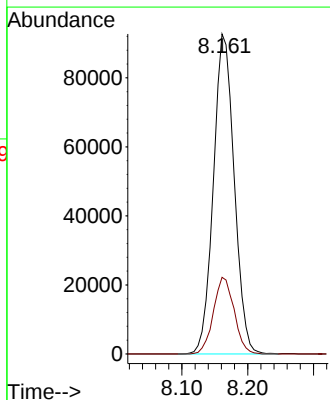
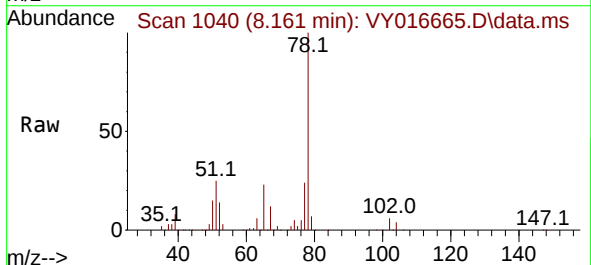
Manual Integrations  
APPROVED

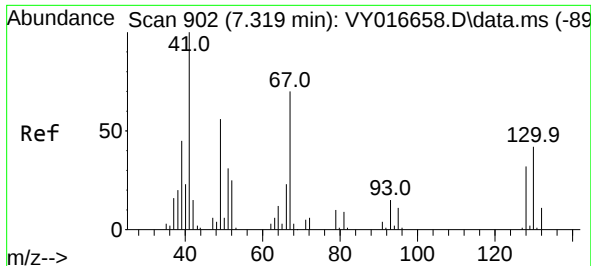
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#40  
Benzene  
Concen: 22.722 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. -0.012 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

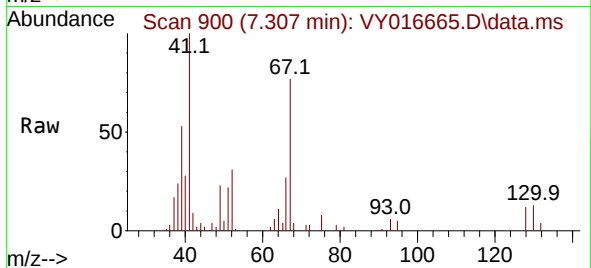
Tgt Ion: 78 Resp: 204241  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.0 28.6





#41  
Methacrylonitrile  
Concen: 19.680 ug/l m  
RT: 7.307 min Scan# 902  
Delta R.T. -0.012 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

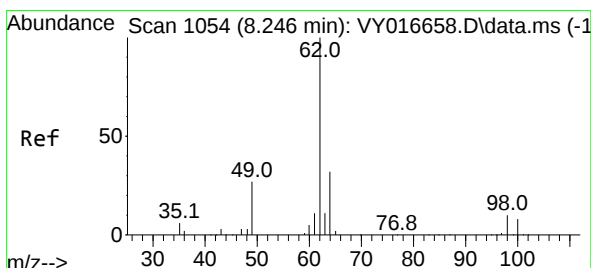
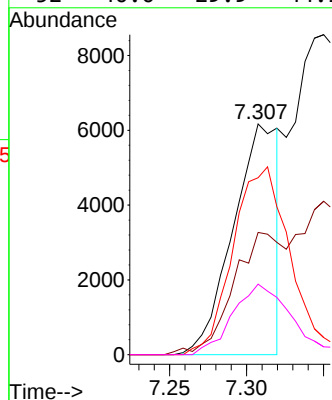
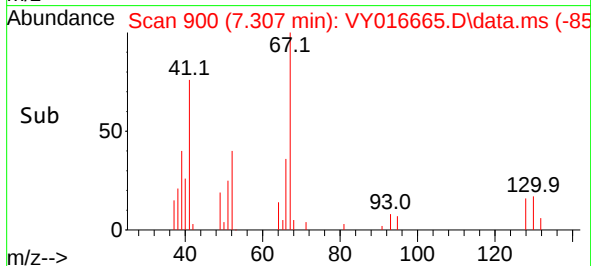
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



Tgt Ion: 41 Resp: 12529  
Ion Ratio Lower Upper  
41 100  
39 61.0 52.1 78.1  
67 103.3 66.2 99.2  
52 40.0 29.9 44.9

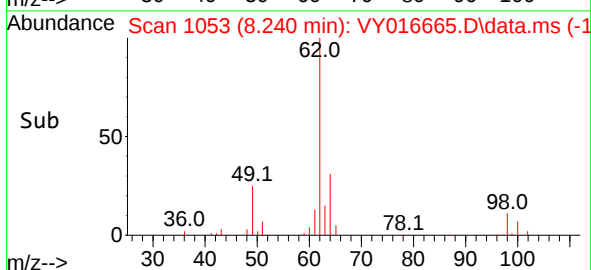
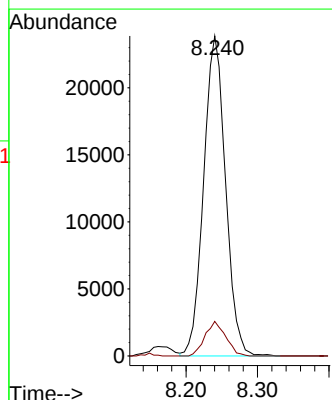
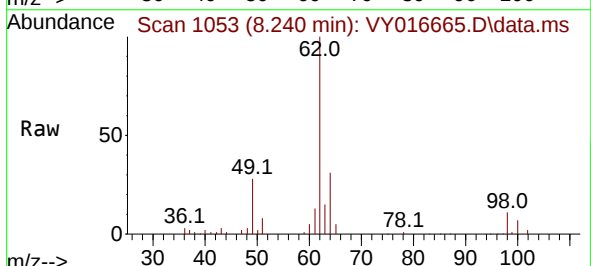
Manual Integrations  
APPROVED

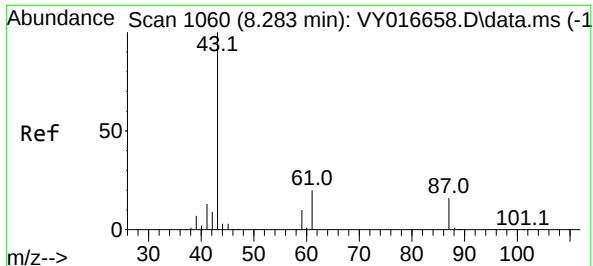
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#42  
1,2-Dichloroethane  
Concen: 22.120 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 62 Resp: 50817  
Ion Ratio Lower Upper  
62 100  
98 10.2 0.0 15.8





#43

Isopropyl Acetate

Concen: 22.539 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA\_Y

ClientSampleId :

VY1216SBS01

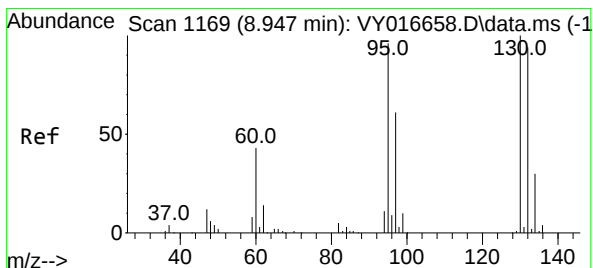
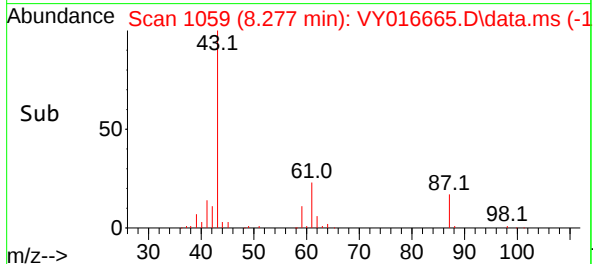
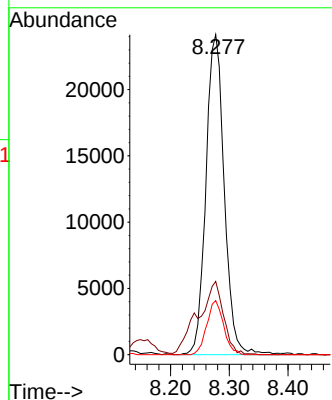
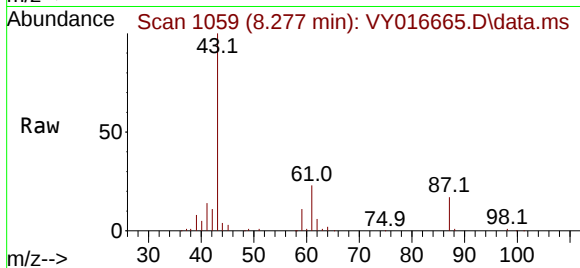
Tgt Ion: 43 Resp: 5235

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 31.8  | 21.1  | 31.7  |
| 87  | 15.5  | 9.8   | 14.8  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#44

Trichloroethene

Concen: 22.069 ug/l

RT: 8.941 min Scan# 1168

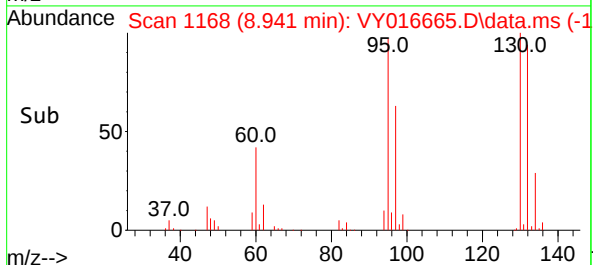
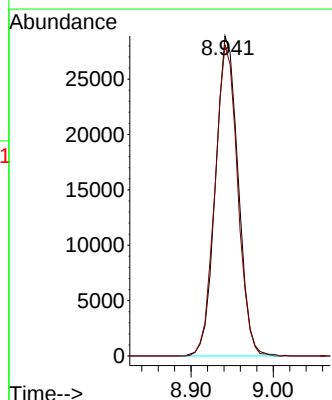
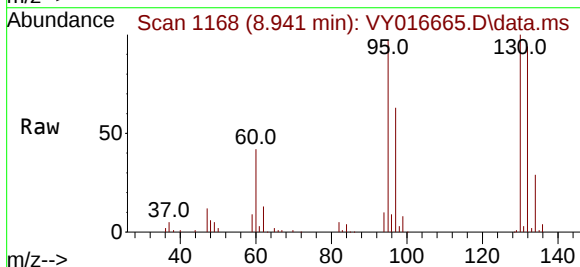
Delta R.T. -0.006 min

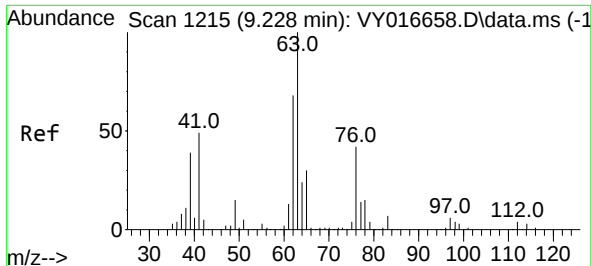
Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Tgt Ion:130 Resp: 55248

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 97.2  | 0.0   | 196.0 |





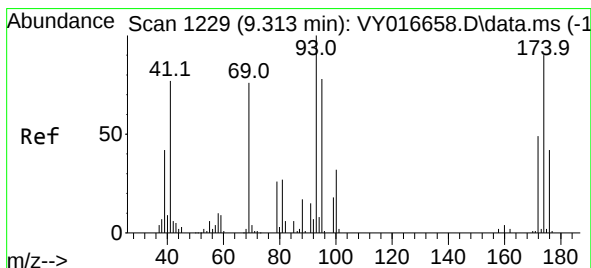
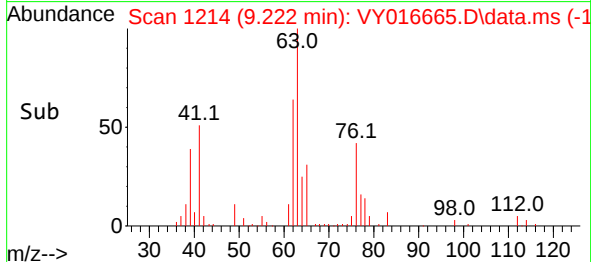
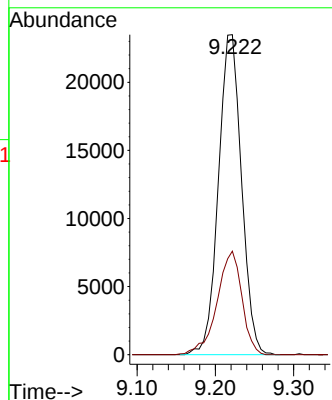
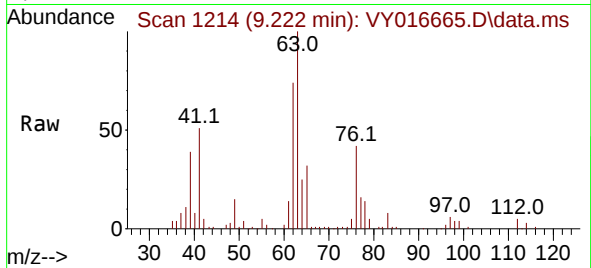
#45  
1,2-Dichloropropane  
Concen: 22.943 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion: 63 Resp: 48178  
Ion Ratio Lower Upper  
63 100  
65 32.4 23.8 35.6

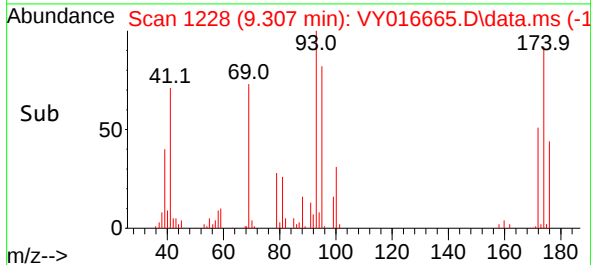
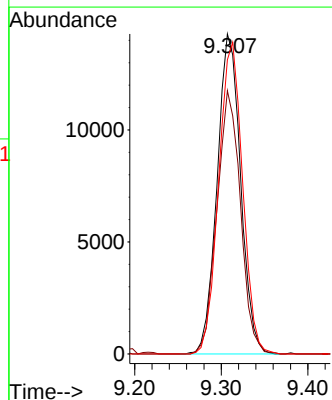
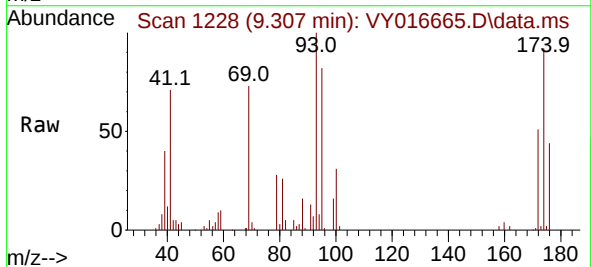
Manual Integrations  
APPROVED

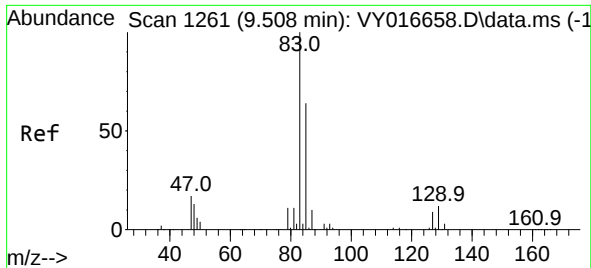
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#46  
Dibromomethane  
Concen: 23.172 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 93 Resp: 26910  
Ion Ratio Lower Upper  
93 100  
95 82.3 66.6 100.0  
174 99.1 84.8 127.2





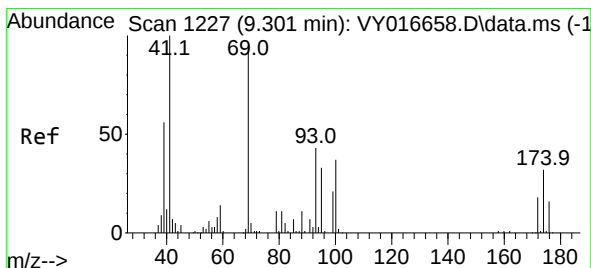
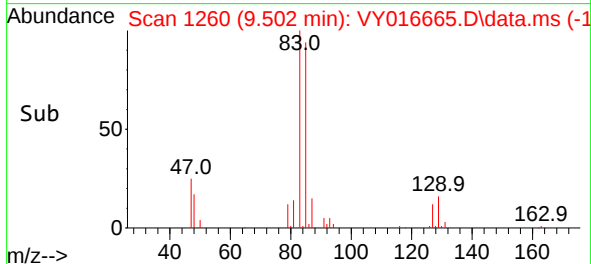
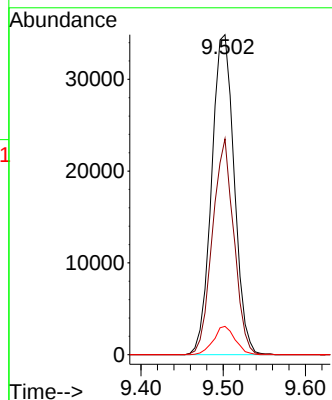
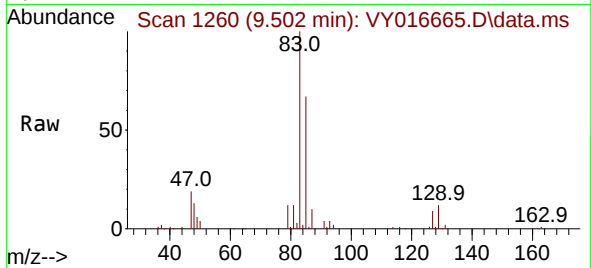
#47  
Bromodichloromethane  
Concen: 22.694 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion: 83 Resp: 66589  
Ion Ratio Lower Upper  
83 100  
85 67.4 50.1 75.1  
127 8.9 7.1 10.7

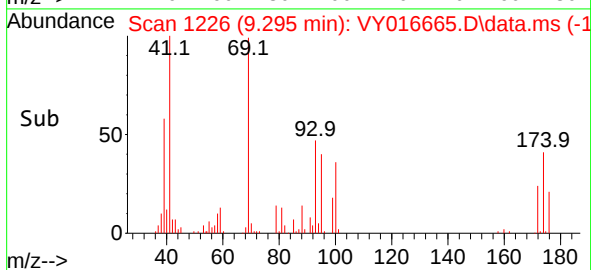
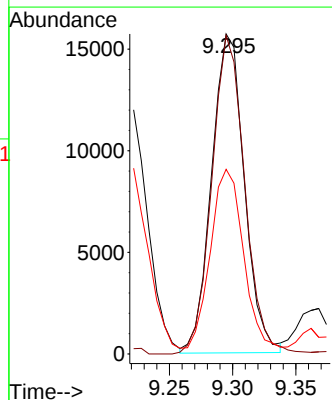
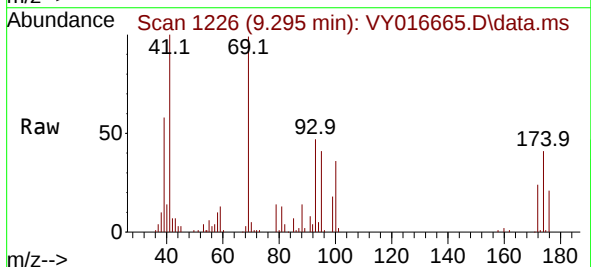
Manual Integrations  
APPROVED

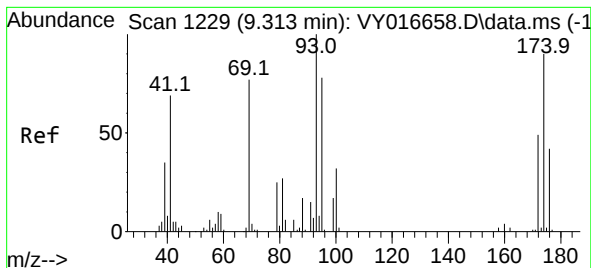
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#48  
Methyl methacrylate  
Concen: 21.995 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 41 Resp: 28291  
Ion Ratio Lower Upper  
41 100  
69 100.2 64.5 96.7#  
39 56.4 50.8 76.2





#49

1,4-Dioxane

Concen: 441.402 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA\_Y

ClientSampleId :

VY1216SBS01

Tgt Ion: 88 Resp: 549

Ion Ratio Lower Upper

88 100

43 30.7 0.0 0.0

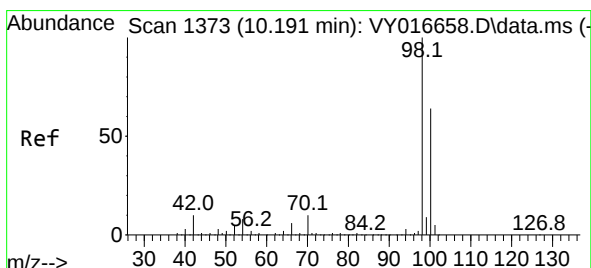
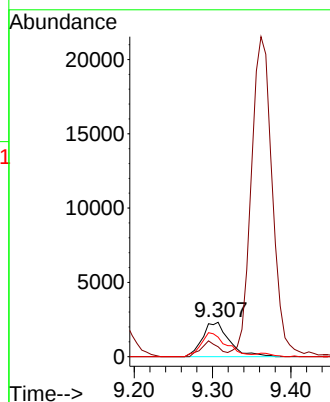
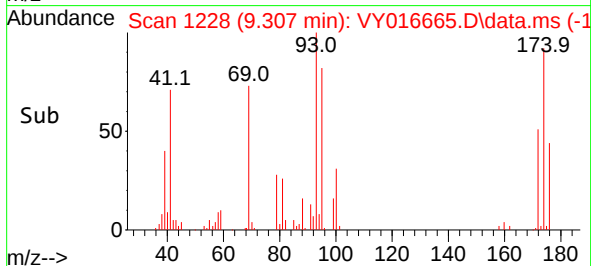
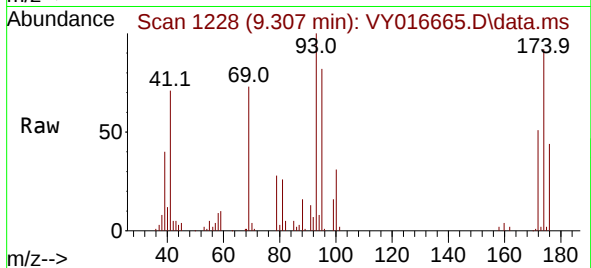
58 66.5 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#50

Toluene-d8

Concen: 48.609 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016665.D

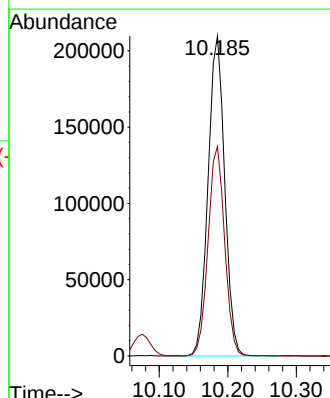
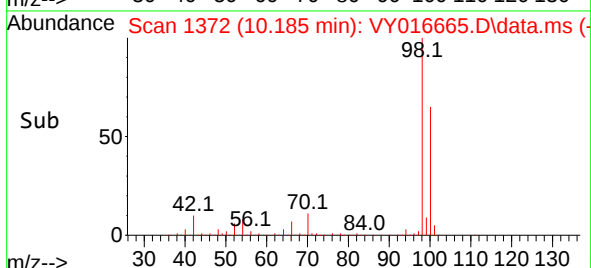
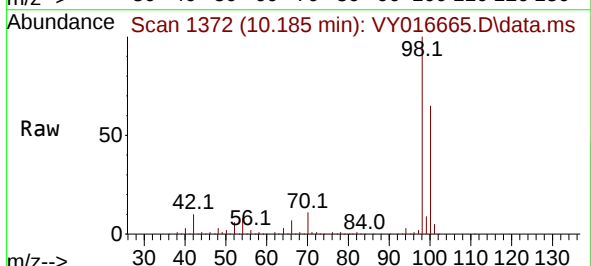
Acq: 16 Dec 2023 11:31

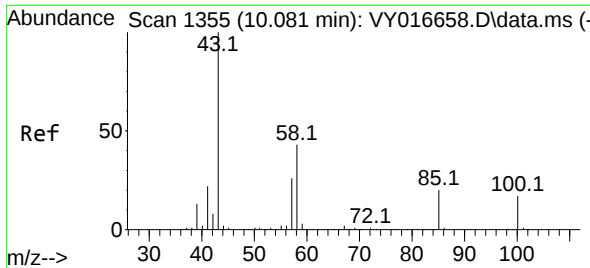
Tgt Ion: 98 Resp: 354434

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1





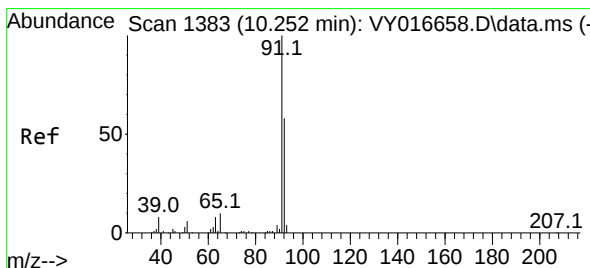
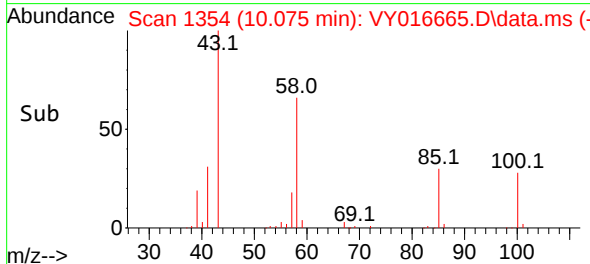
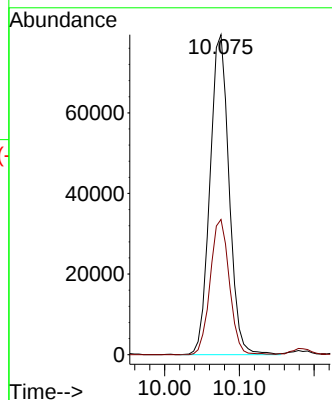
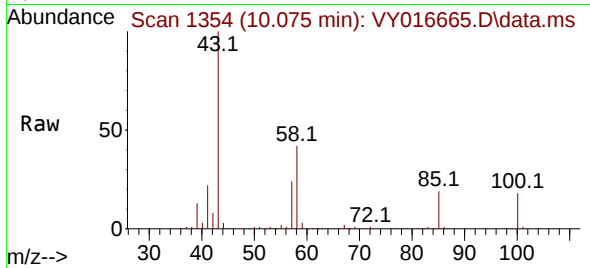
#51  
4-Methyl-2-Pentanone  
Concen: 115.752 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion: 43 Resp: 14101  
Ion Ratio Lower Upper  
43 100  
58 42.3 29.0 43.6

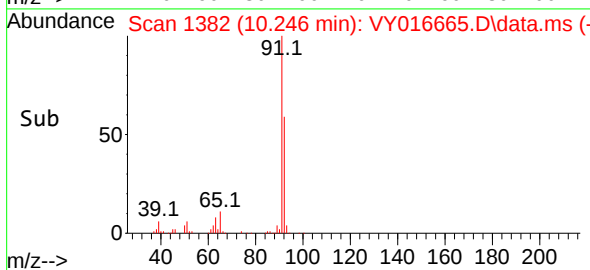
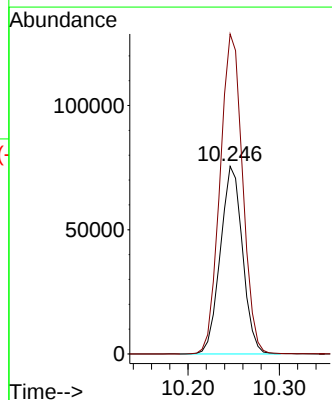
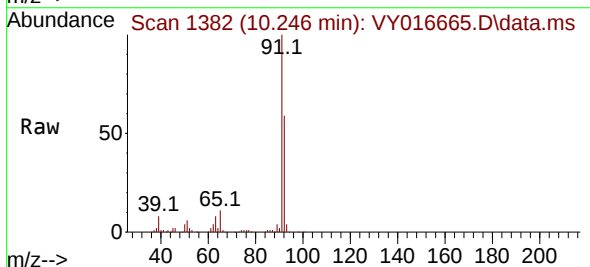
Manual Integrations  
APPROVED

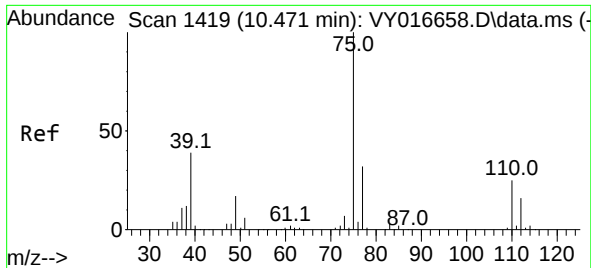
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#52  
Toluene  
Concen: 22.626 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 92 Resp: 127396  
Ion Ratio Lower Upper  
92 100  
91 173.9 143.8 215.6





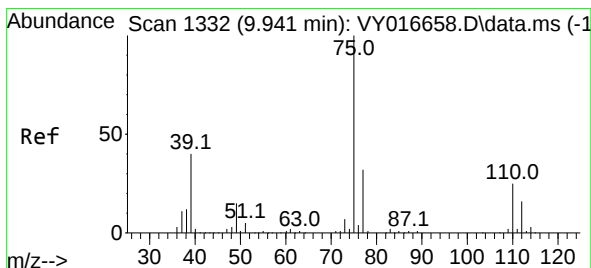
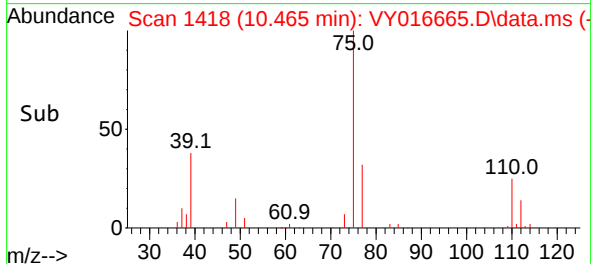
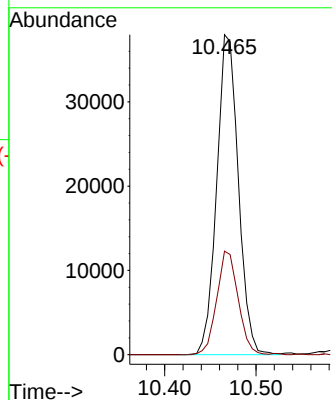
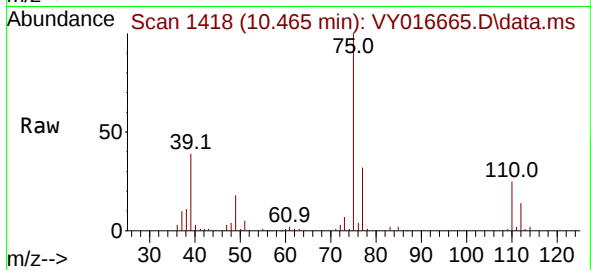
#53  
t-1,3-Dichloropropene  
Concen: 22.587 ug/l  
RT: 10.465 min Scan# 1419  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion: 75 Resp: 6252  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.0 37.4

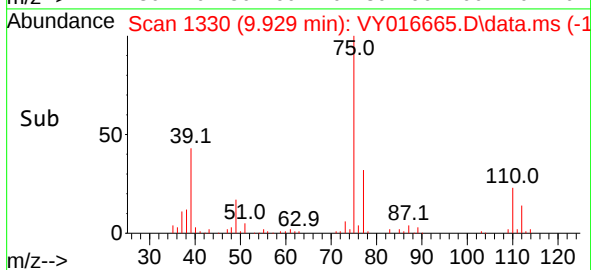
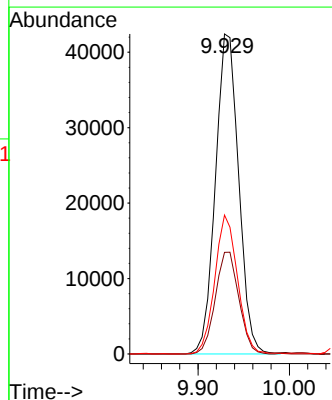
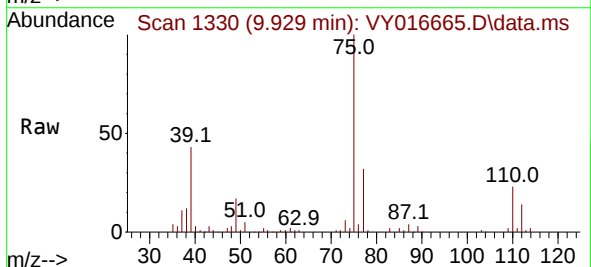
Manual Integrations  
APPROVED

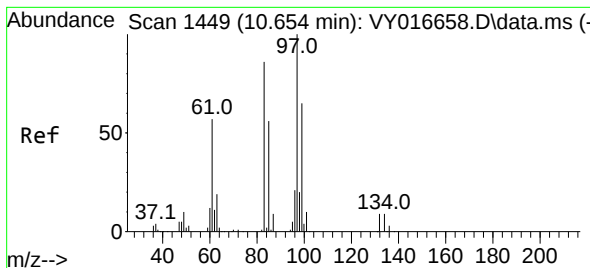
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#54  
cis-1,3-Dichloropropene  
Concen: 22.542 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.012 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

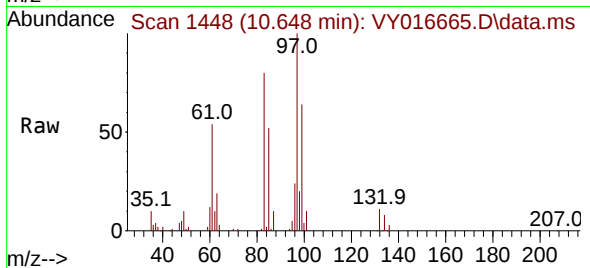
Tgt Ion: 75 Resp: 75021  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.2 36.4  
39 43.4 42.2 63.4





#55  
1,1,2-Trichloroethane  
Concen: 23.101 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

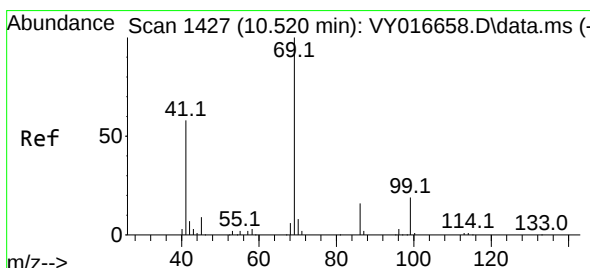
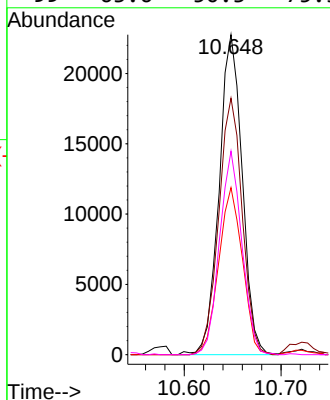
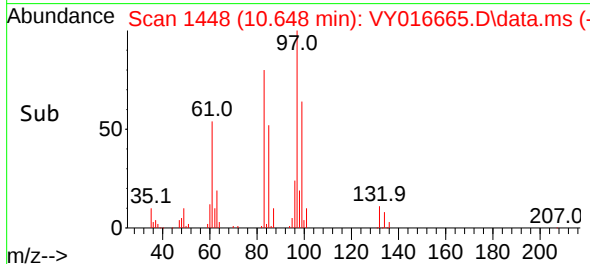
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



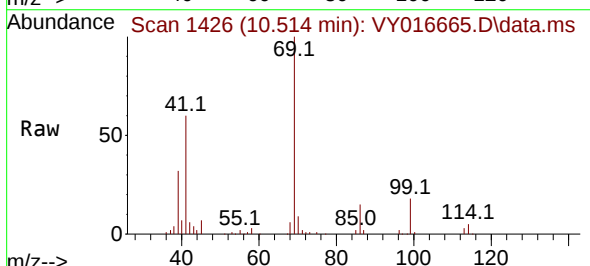
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 3769  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.1  | 72.0  | 108.0 |
| 85       | 52.2  | 45.4  | 68.0  |
| 99       | 63.6  | 50.3  | 75.5  |

Manual Integrations  
APPROVED

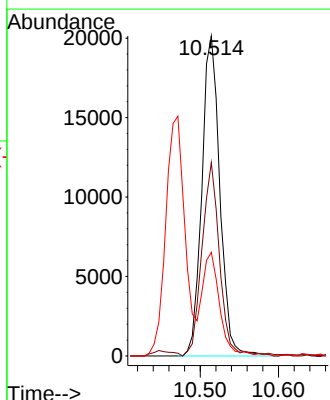
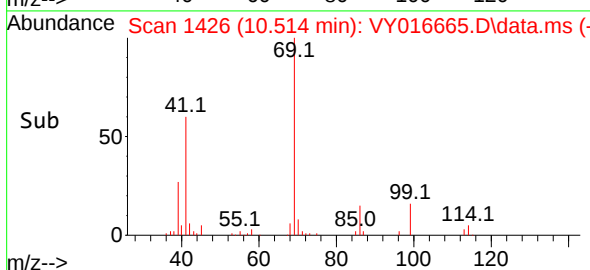
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023

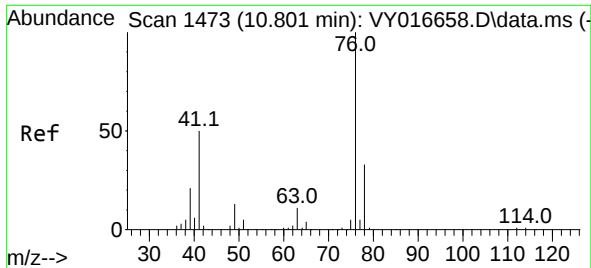


#56  
Ethyl methacrylate  
Concen: 22.725 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 32150 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 59.5  | 57.6  | 86.4  |
| 39       | 30.9  | 34.1  | 51.1  |





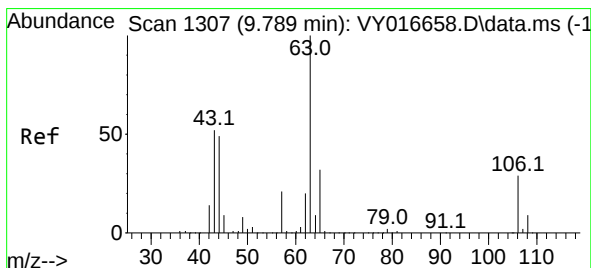
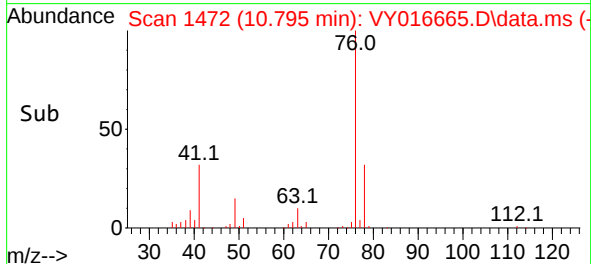
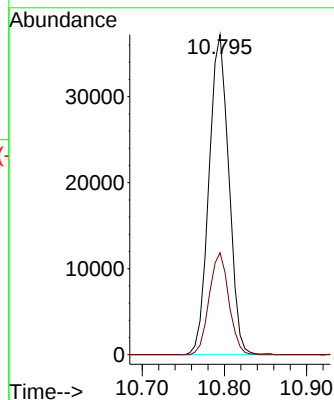
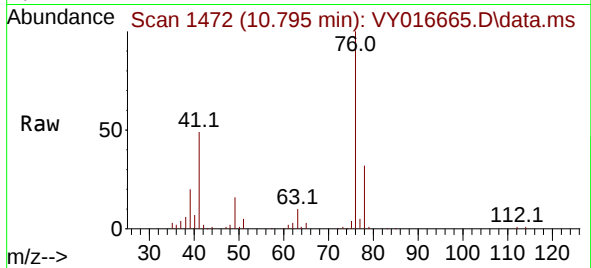
#57  
1,3-Dichloropropane  
Concen: 22.881 ug/l  
RT: 10.795 min Scan# 1473  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion: 76 Resp: 62130  
Ion Ratio Lower Upper  
76 100  
78 31.6 25.3 37.9

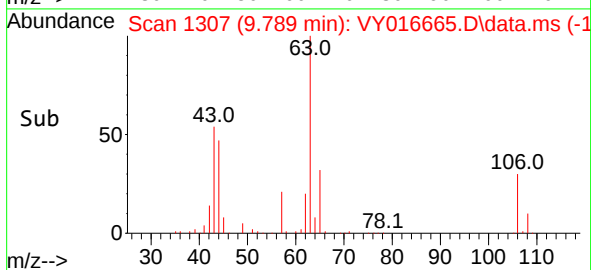
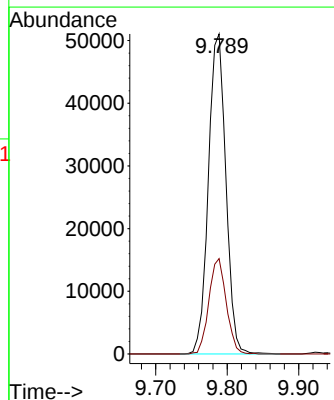
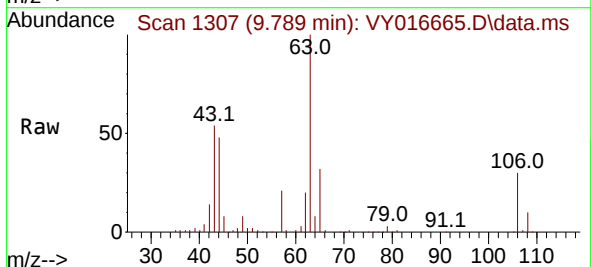
Manual Integrations  
APPROVED

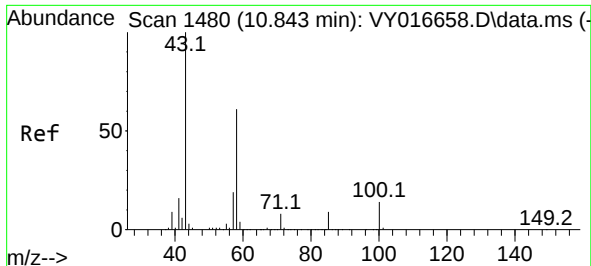
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#58  
2-Chloroethyl Vinyl ether  
Concen: 96.370 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 63 Resp: 86561  
Ion Ratio Lower Upper  
63 100  
106 29.7 21.2 31.8





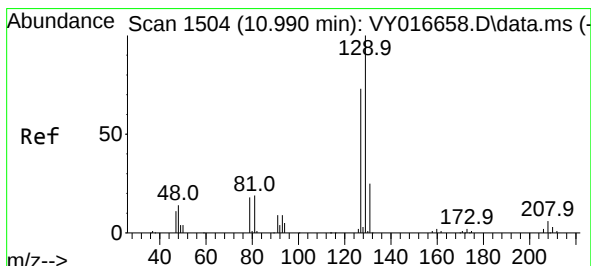
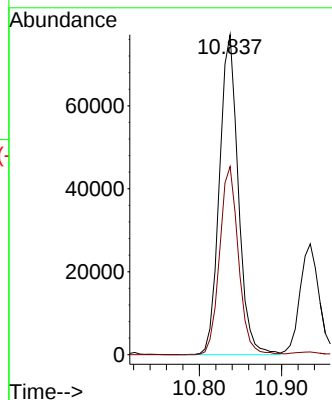
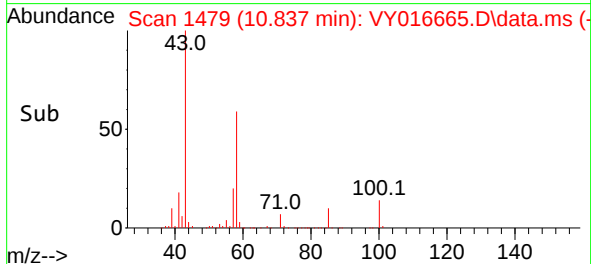
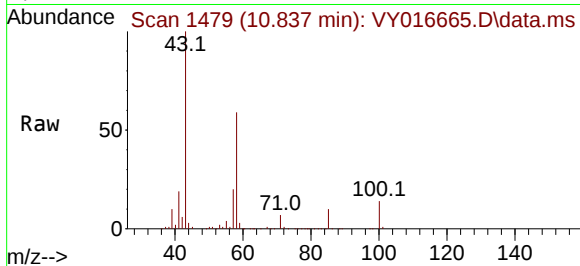
#59  
2-Hexanone  
Concen: 122.976 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion: 43 Resp: 122907  
Ion Ratio Lower Upper  
43 100  
58 58.8 25.1 75.3

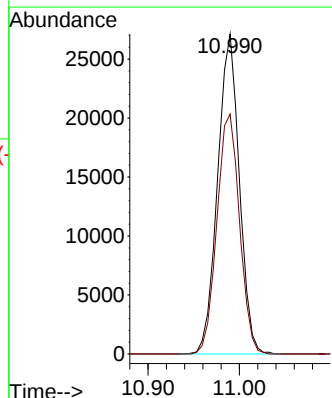
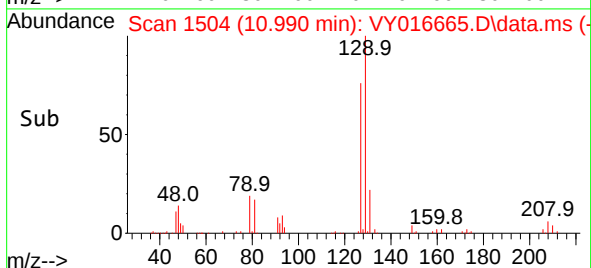
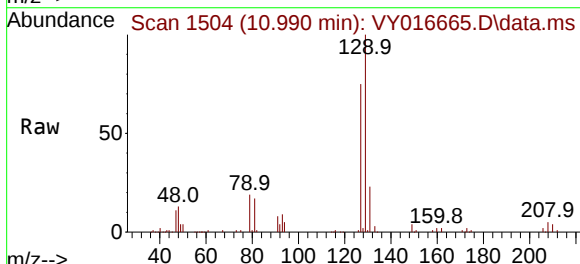
Manual Integrations  
APPROVED

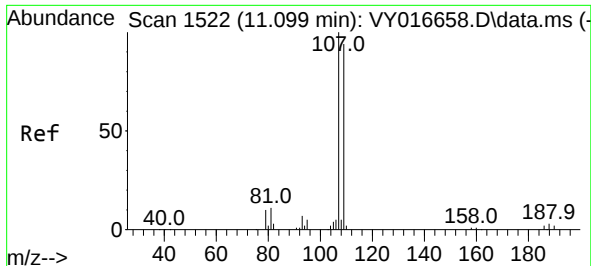
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#60  
Dibromochloromethane  
Concen: 22.635 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

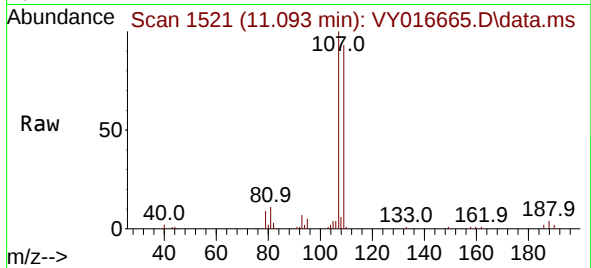
Tgt Ion:129 Resp: 44762  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.5 115.5





#61  
1,2-Dibromoethane  
Concen: 22.498 ug/l  
RT: 11.093 min Scan# 1522  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

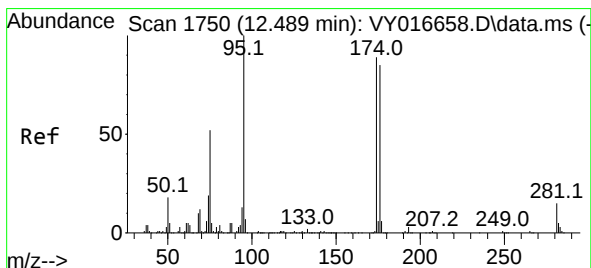
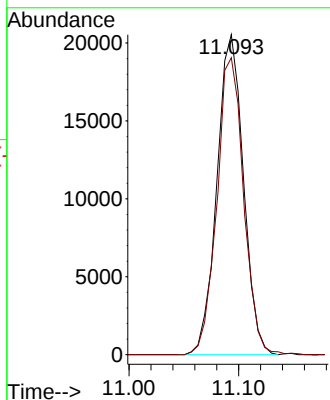
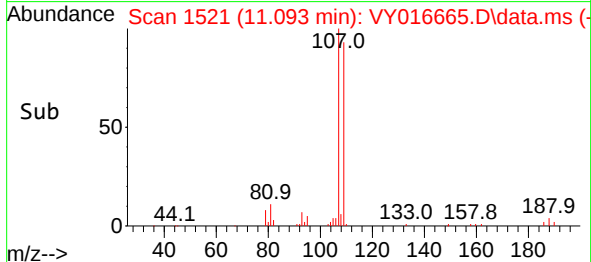
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



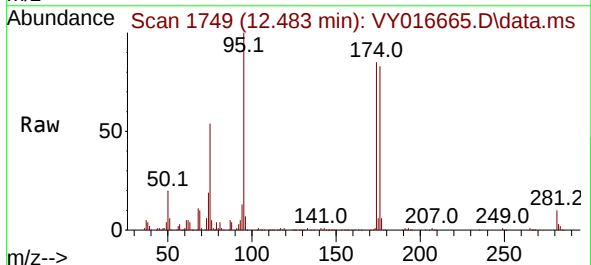
Tgt Ion:107 Resp: 3445  
Ion Ratio Lower Upper  
107 100  
109 93.9 75.6 113.4

Manual Integrations  
APPROVED

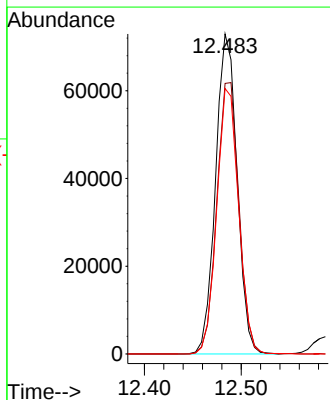
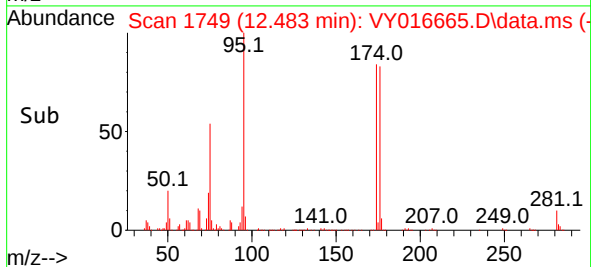
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023

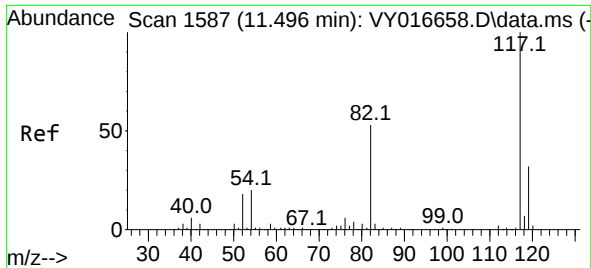


#62  
4-Bromofluorobenzene  
Concen: 47.315 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31



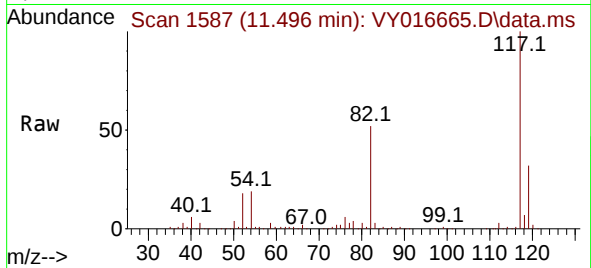
Tgt Ion: 95 Resp: 112276  
Ion Ratio Lower Upper  
95 100  
174 87.7 0.0 178.2  
176 84.4 0.0 173.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

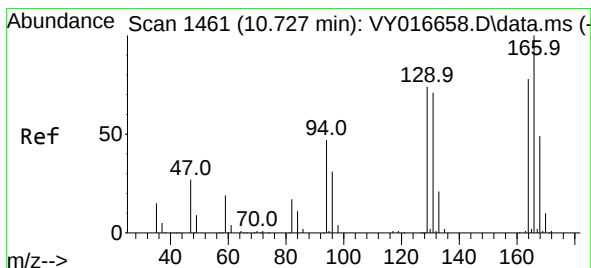
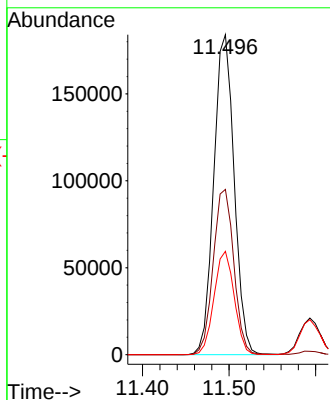
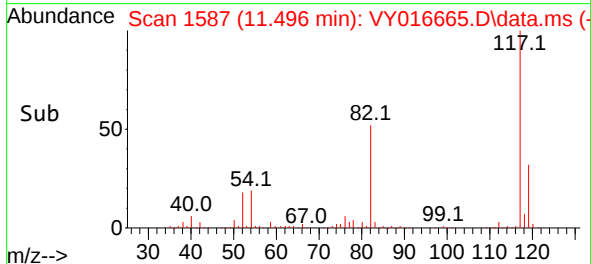
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



Tgt Ion:117 Resp: 301200  
Ion Ratio Lower Upper  
117 100  
82 51.7 43.4 65.0  
119 32.3 26.3 39.5

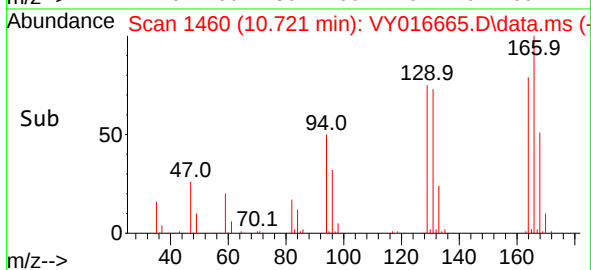
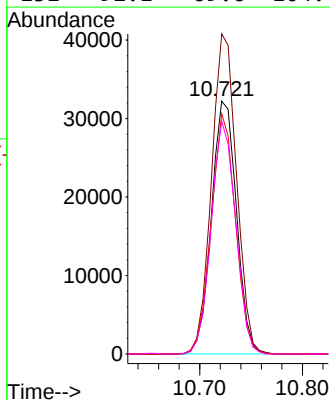
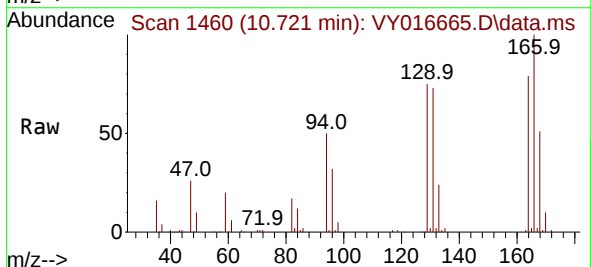
Manual Integrations  
APPROVED

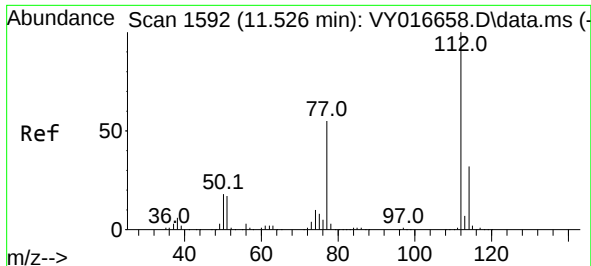
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#64  
Tetrachloroethene  
Concen: 22.049 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion:164 Resp: 54410  
Ion Ratio Lower Upper  
164 100  
166 126.6 103.0 154.6  
129 95.0 77.2 115.8  
131 92.1 69.6 104.4





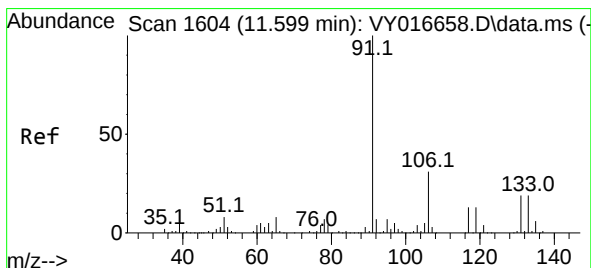
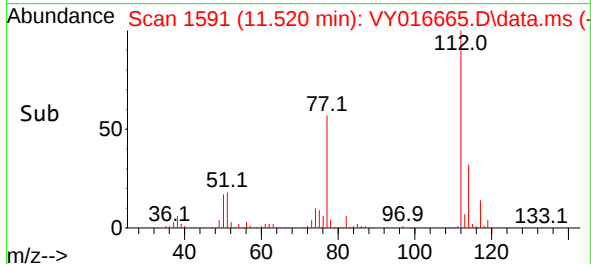
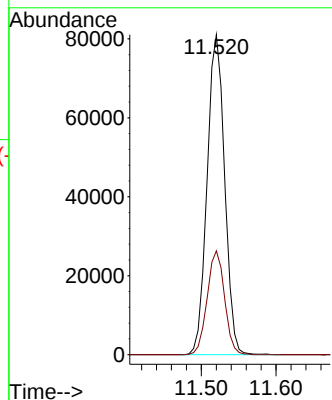
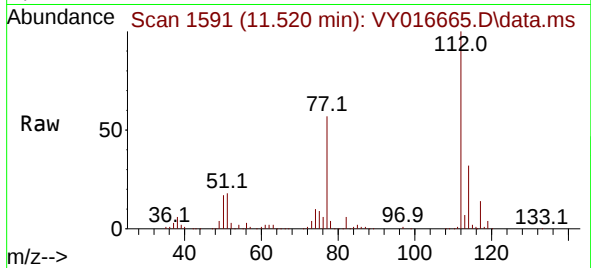
#65  
Chlorobenzene  
Concen: 22.461 ug/l  
RT: 11.520 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion:112 Resp: 13195  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.5 38.3

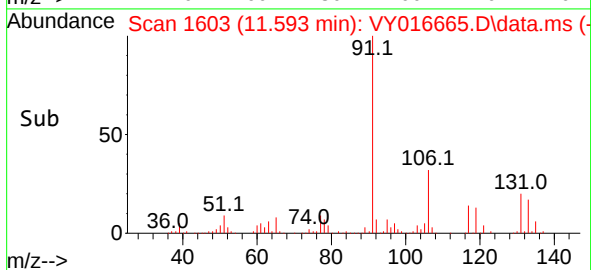
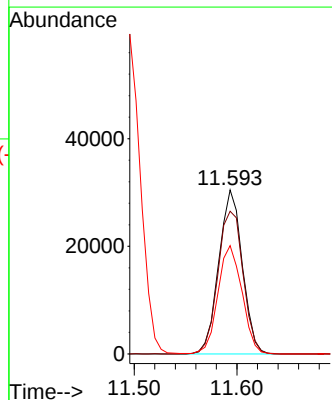
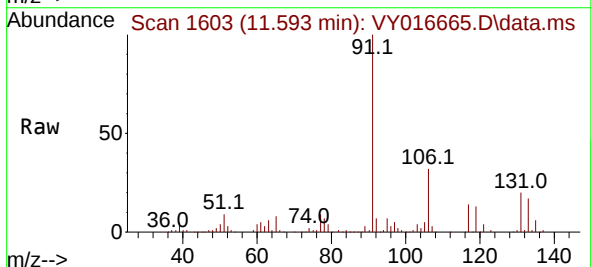
Manual Integrations  
APPROVED

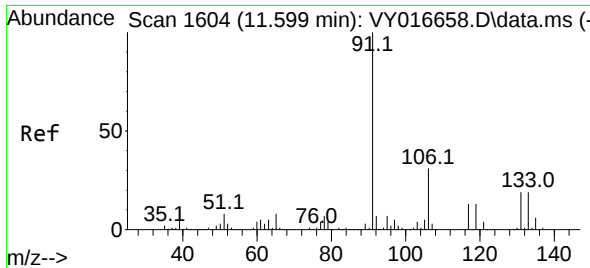
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.537 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion:131 Resp: 48424  
Ion Ratio Lower Upper  
131 100  
133 93.7 47.5 142.6  
119 67.4 31.6 94.7





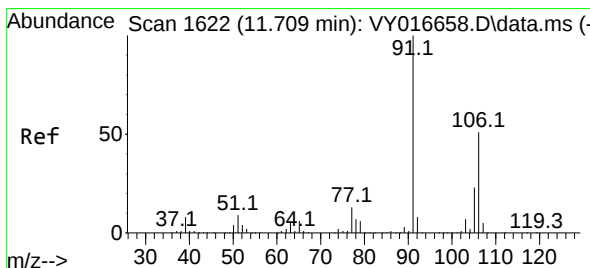
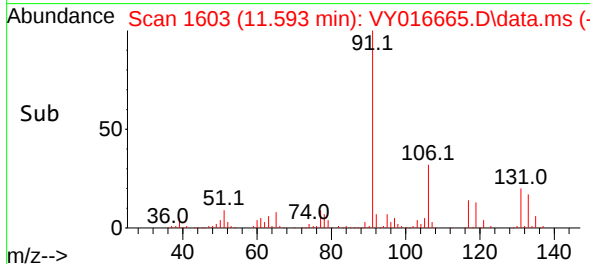
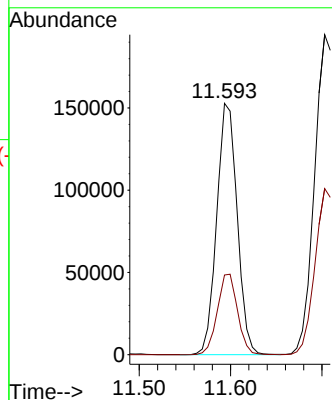
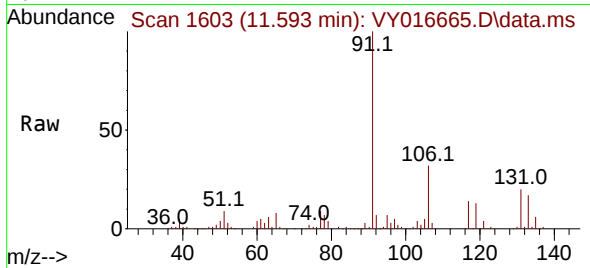
#67  
Ethyl Benzene  
Concen: 22.523 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion: 91 Resp: 23806  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.6 36.8

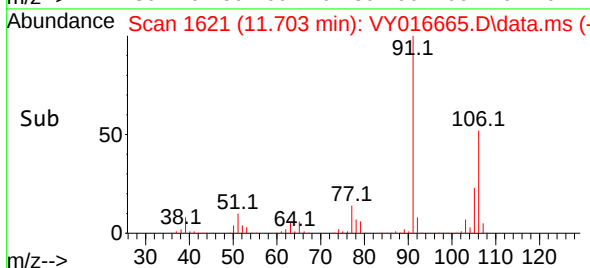
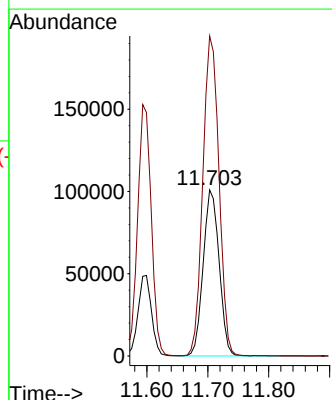
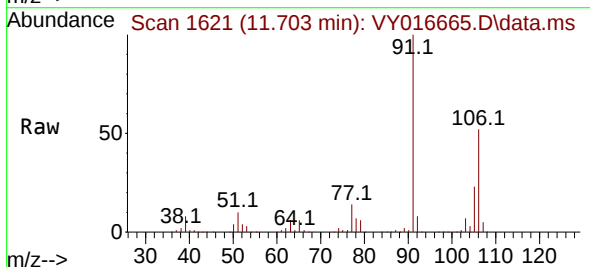
Manual Integrations  
APPROVED

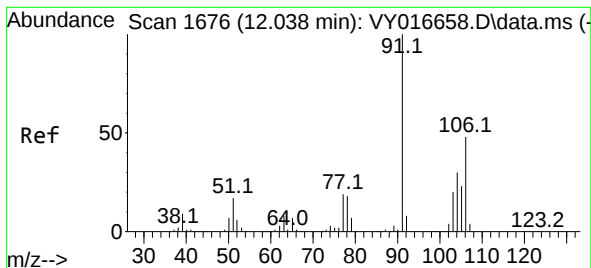
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#68  
m/p-Xylenes  
Concen: 45.021 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion:106 Resp: 183577  
Ion Ratio Lower Upper  
106 100  
91 194.8 166.1 249.1





#69

o-Xylene

Concen: 22.199 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA\_Y

ClientSampleId :

VY1216SBS01

Tgt Ion:106 Resp: 8279

Ion Ratio Lower Upper

106 100

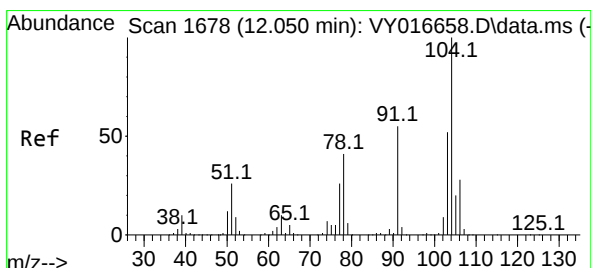
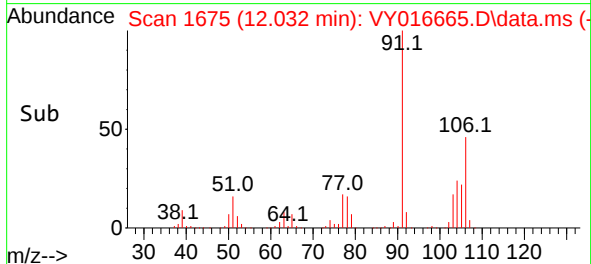
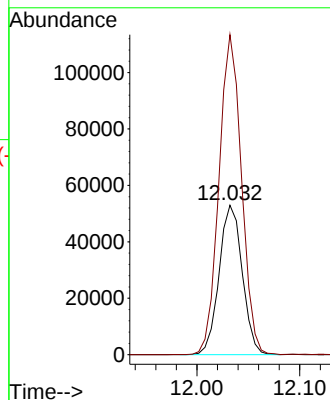
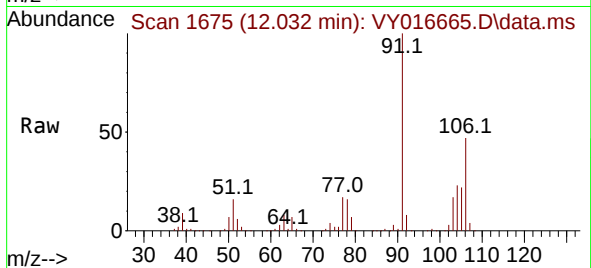
91 208.6 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#70

Styrene

Concen: 22.050 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

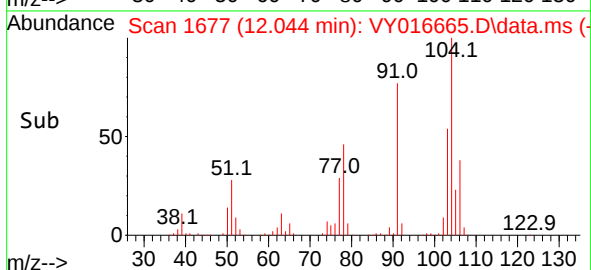
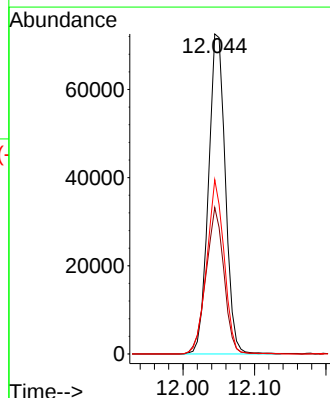
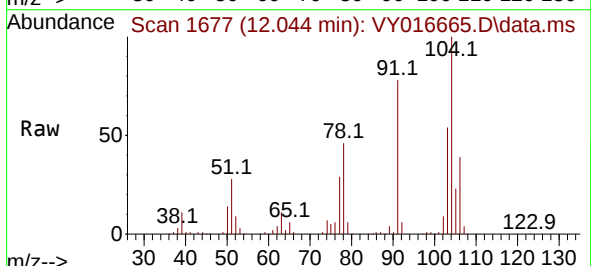
Tgt Ion:104 Resp: 119153

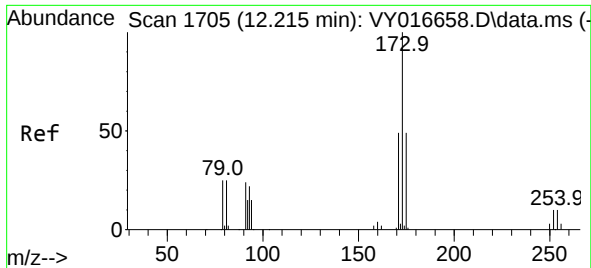
Ion Ratio Lower Upper

104 100

78 48.6 41.5 62.3

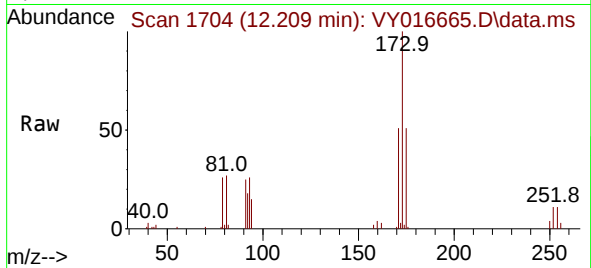
103 56.2 44.6 67.0





#71  
Bromoform  
Concen: 22.054 ug/l  
RT: 12.209 min Scan# 1705  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

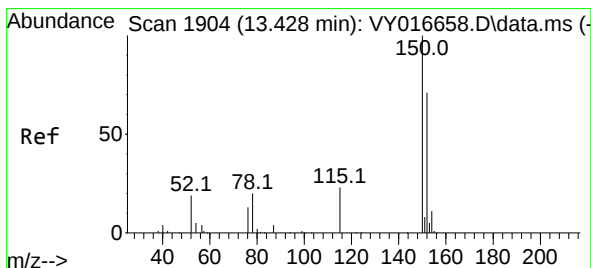
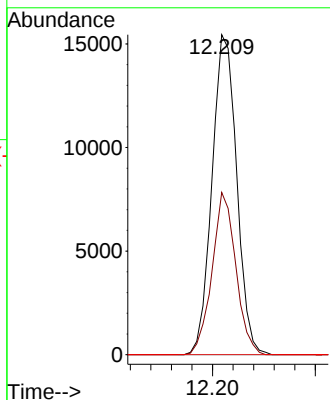
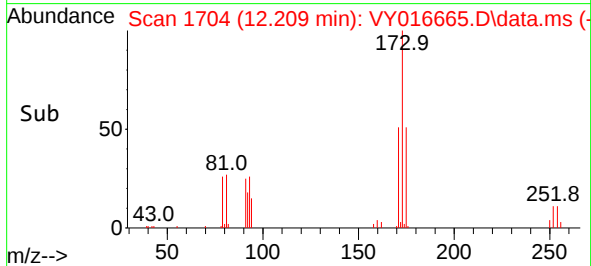
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



Tgt Ion:173 Resp: 2569  
Ion Ratio Lower Upper  
173 100  
175 48.9 24.6 73.8  
254 0.0 0.2 0.2

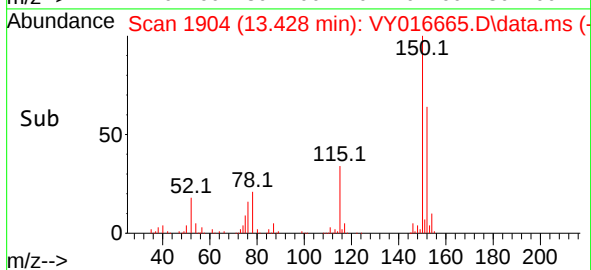
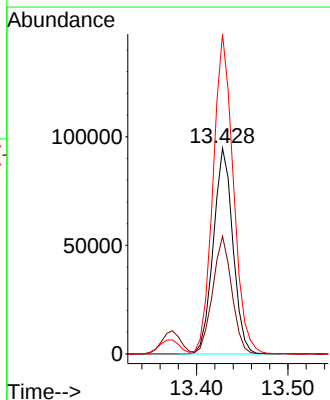
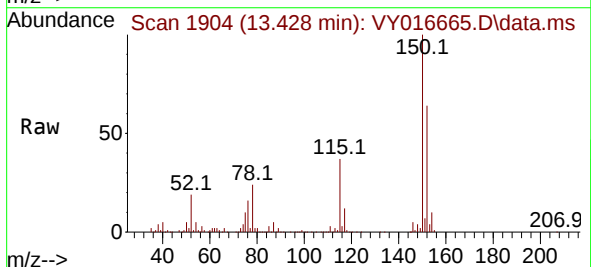
Manual Integrations  
APPROVED

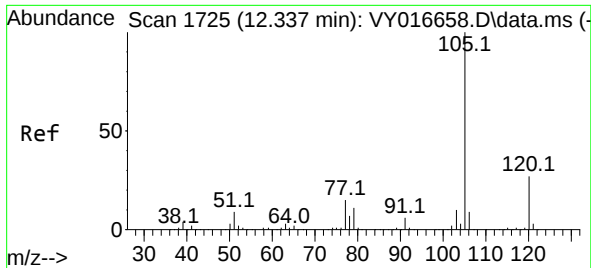
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion:152 Resp: 140552  
Ion Ratio Lower Upper  
152 100  
115 55.9 28.8 86.5  
150 161.4 0.0 348.8





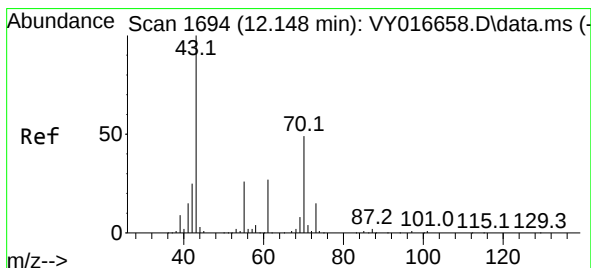
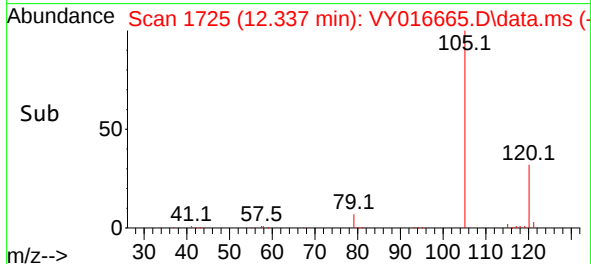
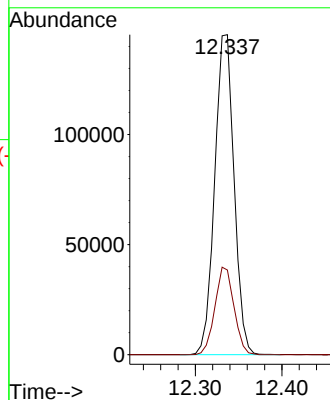
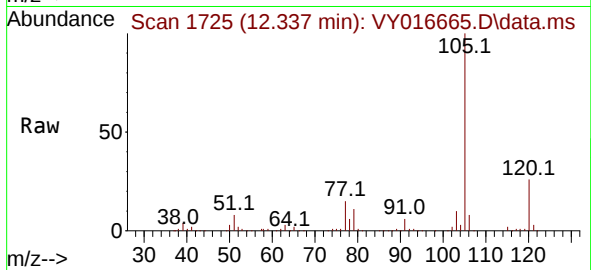
#73  
Isopropylbenzene  
Concen: 22.841 ug/l  
RT: 12.337 min Scan# 1725  
Delta R.T. 0.000 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion:105 Resp: 225812  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.3 39.9

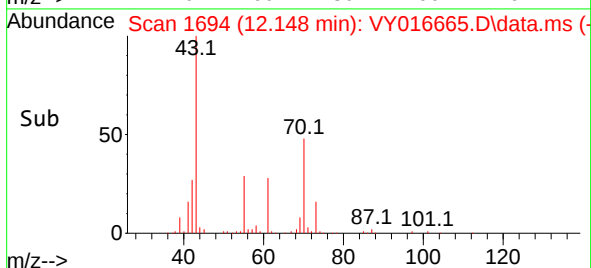
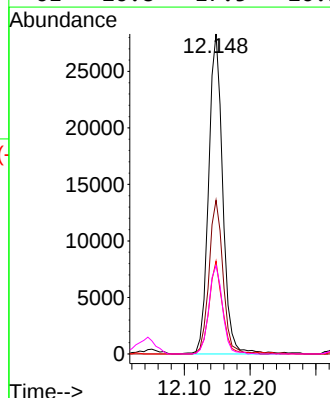
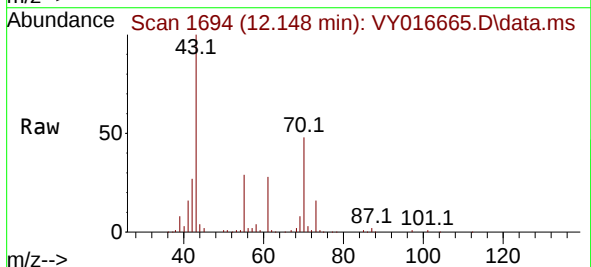
Manual Integrations  
APPROVED

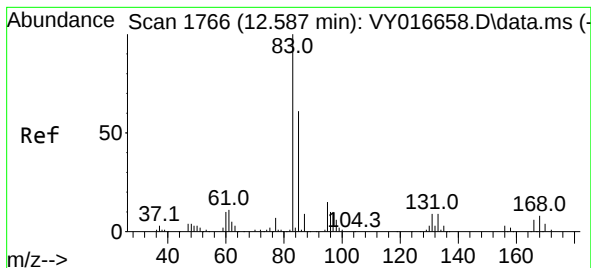
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#74  
N-ethyl acetate  
Concen: 22.838 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

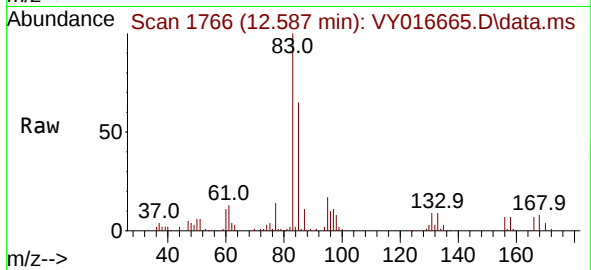
Tgt Ion: 43 Resp: 42318  
Ion Ratio Lower Upper  
43 100  
70 47.5 29.7 44.5#  
55 27.4 18.3 27.5  
61 26.8 17.5 26.3#





#75  
1,1,2,2-Tetrachloroethane  
Concen: 22.515 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.000 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

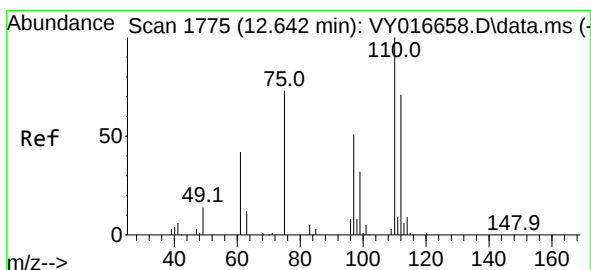
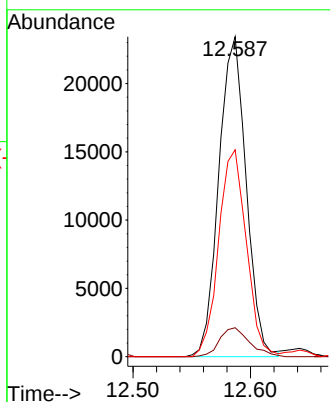
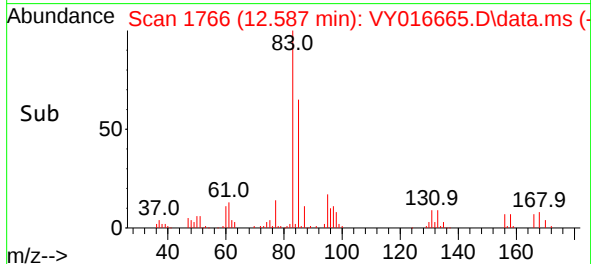
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



Tgt Ion: 83 Resp: 3786  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.4 16.2  
85 65.5 31.8 95.4

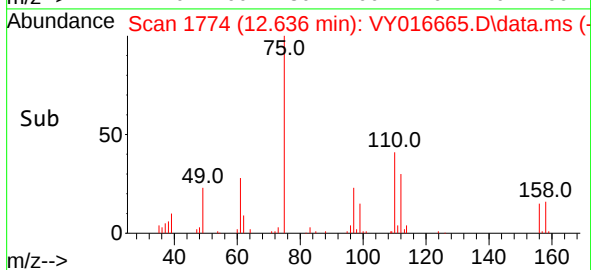
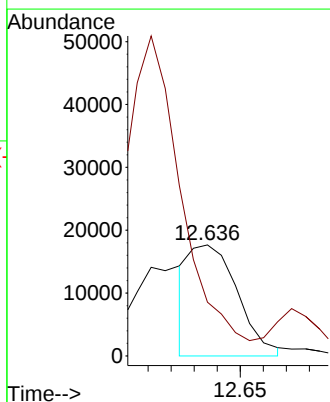
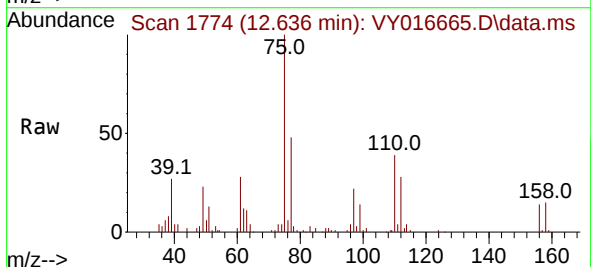
Manual Integrations  
APPROVED

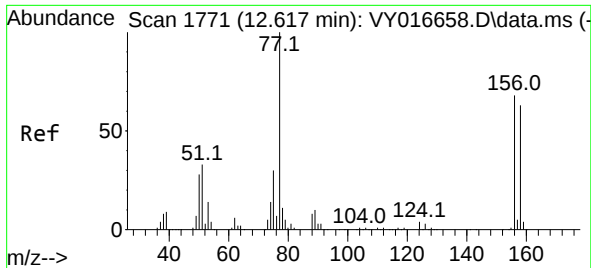
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#76  
1,2,3-Trichloropropane  
Concen: 20.050 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 75 Resp: 25813  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





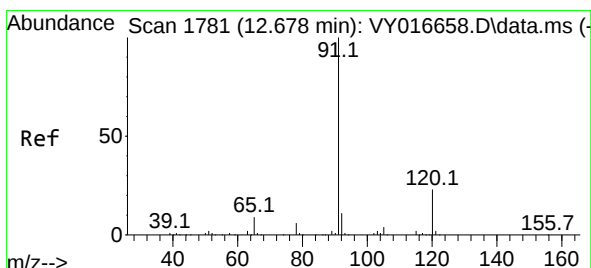
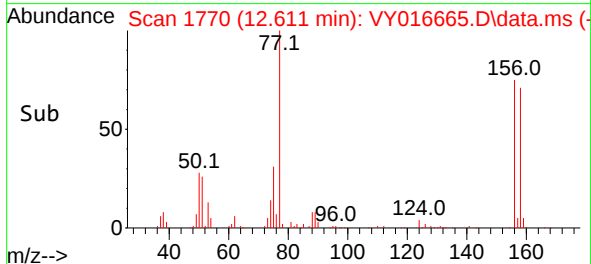
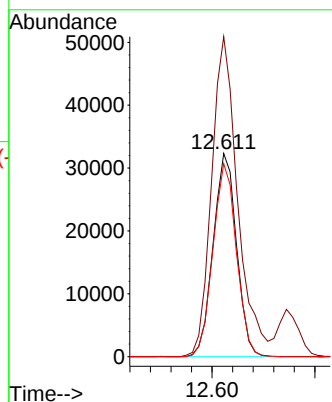
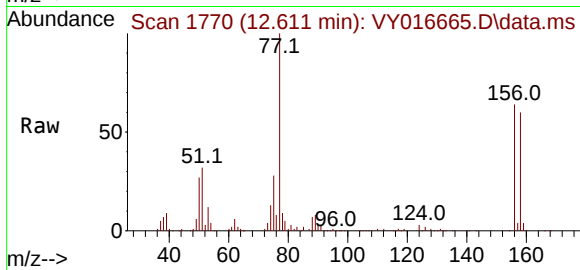
#77  
Bromobenzene  
Concen: 21.999 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion:156 Resp: 50950  
Ion Ratio Lower Upper  
156 100  
77 175.2 92.8 278.6  
158 95.4 48.4 145.3

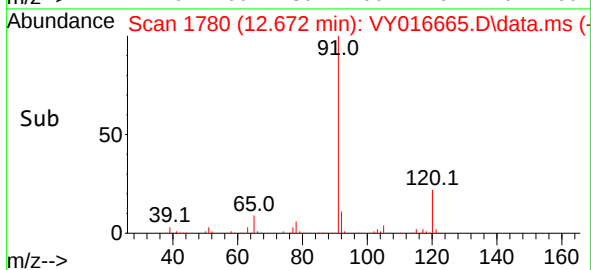
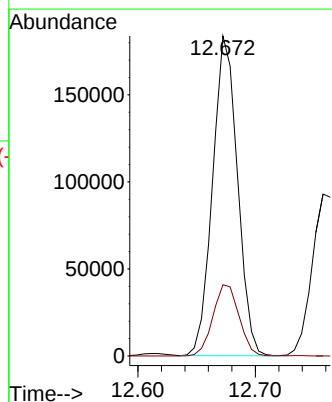
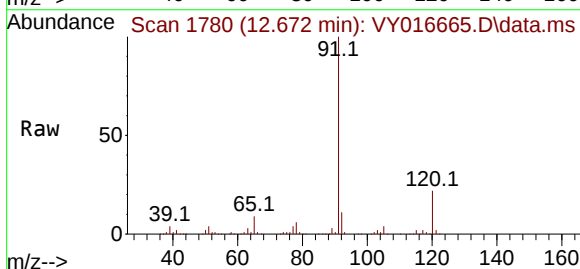
Manual Integrations  
APPROVED

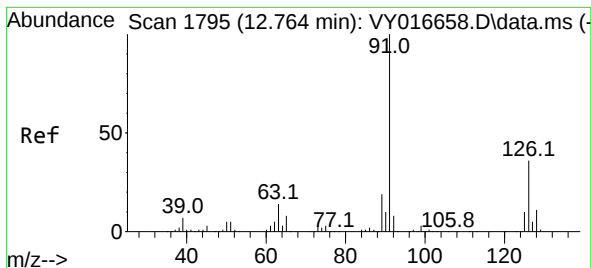
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#78  
n-propylbenzene  
Concen: 22.900 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 91 Resp: 270599  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 22.966 ug/l

RT: 12.758 min Scan# 1795

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA\_Y

ClientSampleId :

VY1216SBS01

Tgt Ion: 91 Resp: 149024

Ion Ratio Lower Upper

91 100

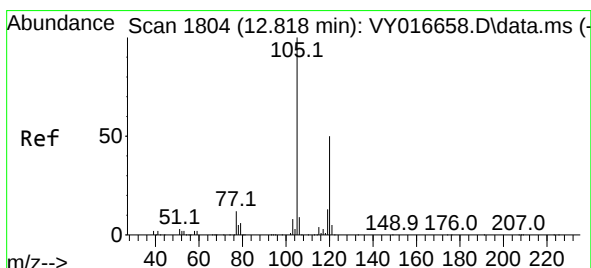
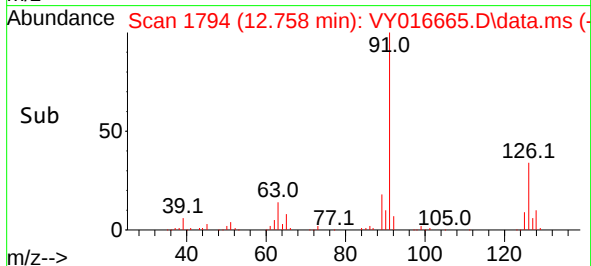
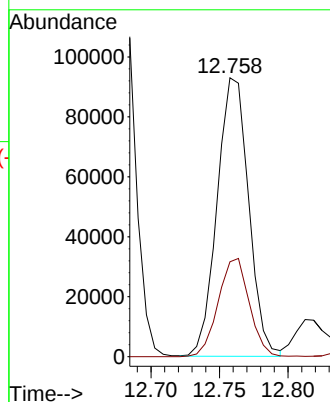
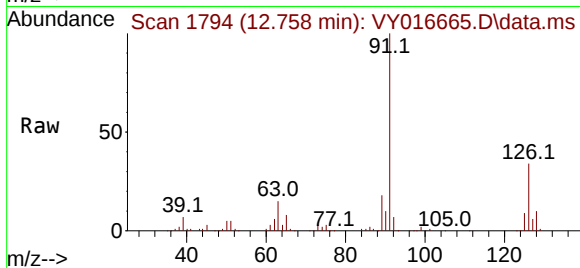
126 34.8 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#80

1,3,5-Trimethylbenzene

Concen: 22.707 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY016665.D

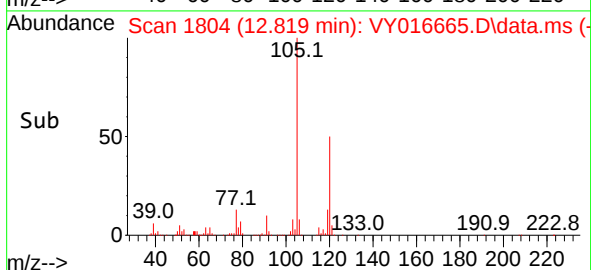
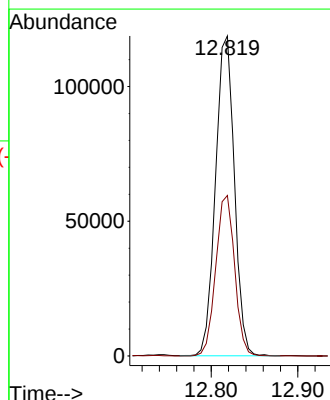
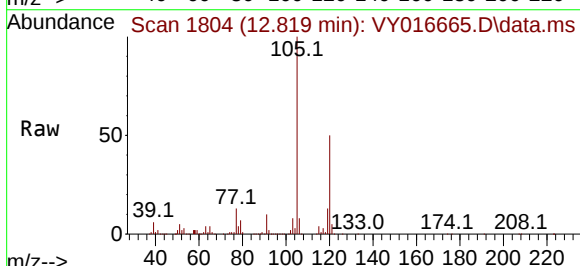
Acq: 16 Dec 2023 11:31

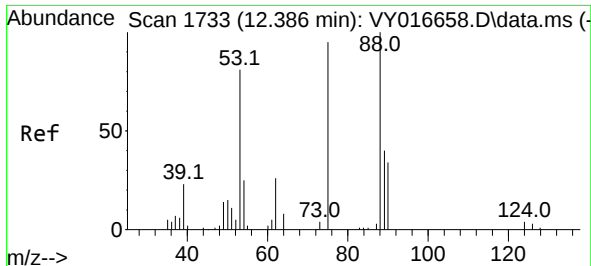
Tgt Ion:105 Resp: 179499

Ion Ratio Lower Upper

105 100

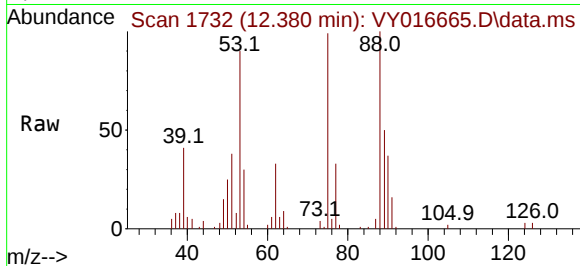
120 50.2 23.9 71.7





#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.870 ug/l  
RT: 12.380 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

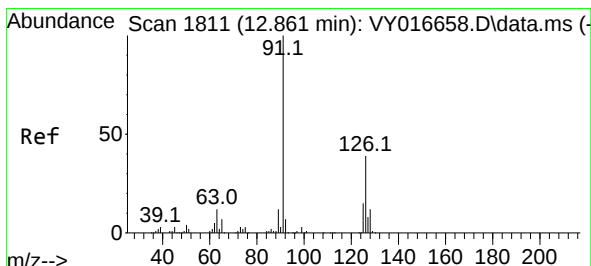
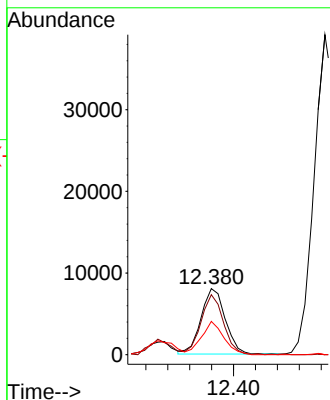
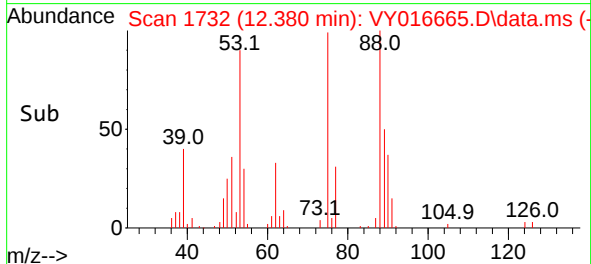
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



Tgt Ion: 75 Resp: 1232  
Ion Ratio Lower Upper  
75 100  
53 84.9 77.8 116.8  
89 46.5 37.4 56.0

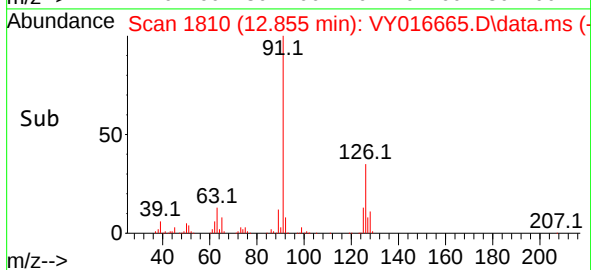
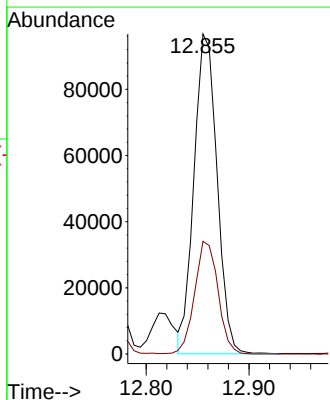
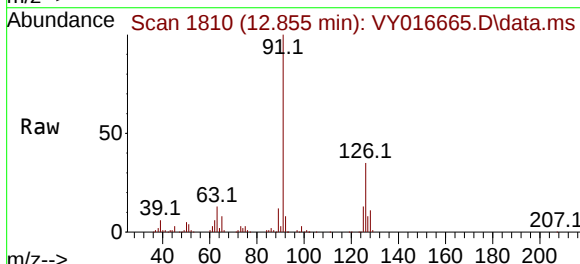
Manual Integrations  
APPROVED

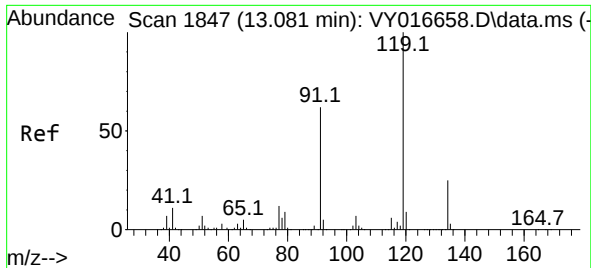
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#82  
4-Chlorotoluene  
Concen: 22.495 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 91 Resp: 150946  
Ion Ratio Lower Upper  
91 100  
126 35.7 17.2 51.6





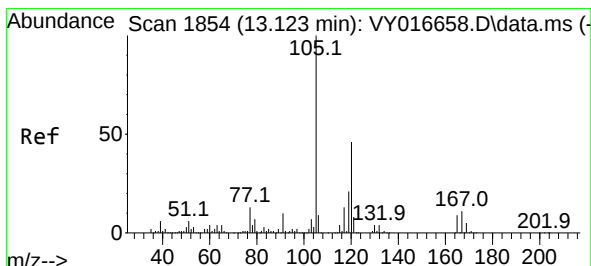
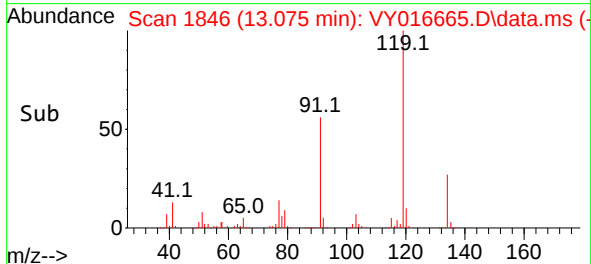
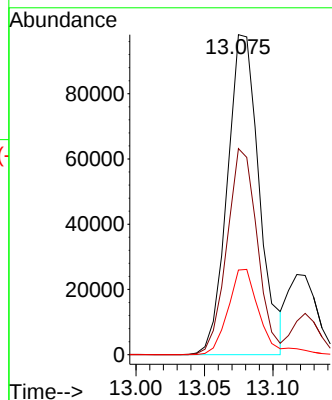
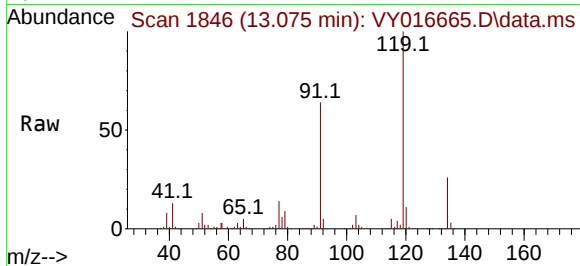
#83  
tert-Butylbenzene  
Concen: 23.075 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion:119 Resp: 15916  
Ion Ratio Lower Upper  
119 100  
91 61.3 32.9 98.6  
134 26.6 13.0 38.9

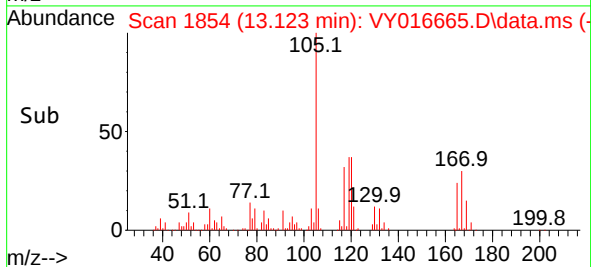
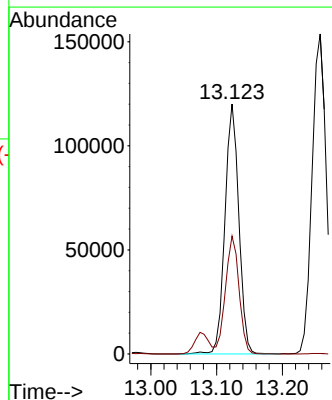
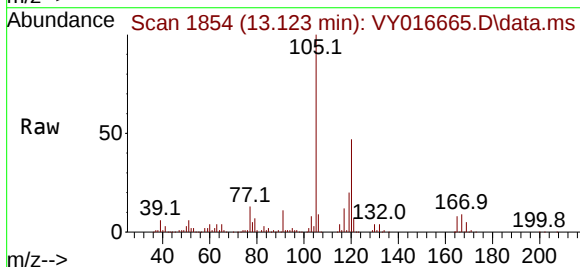
Manual Integrations  
APPROVED

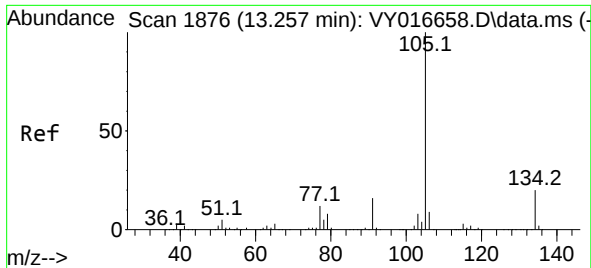
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#84  
1,2,4-Trimethylbenzene  
Concen: 22.510 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

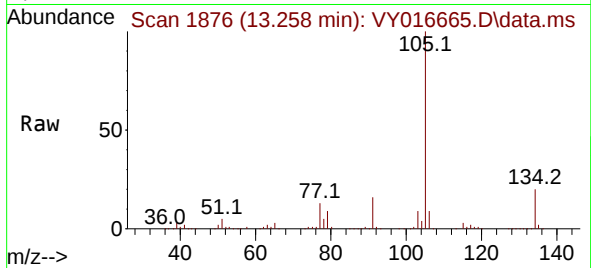
Tgt Ion:105 Resp: 176480  
Ion Ratio Lower Upper  
105 100  
120 46.5 22.2 66.6





#85  
 sec-Butylbenzene  
 Concen: 22.835 ug/l  
 RT: 13.258 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY016665.D  
 Acq: 16 Dec 2023 11:31

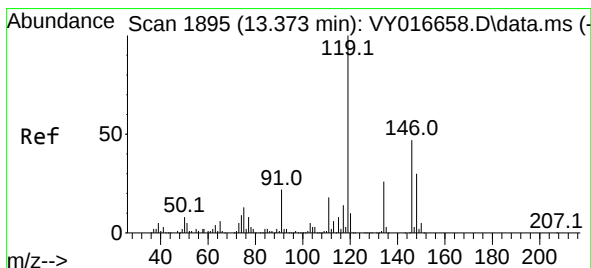
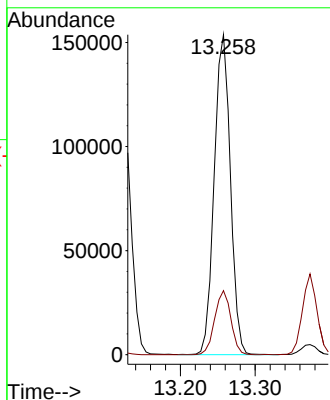
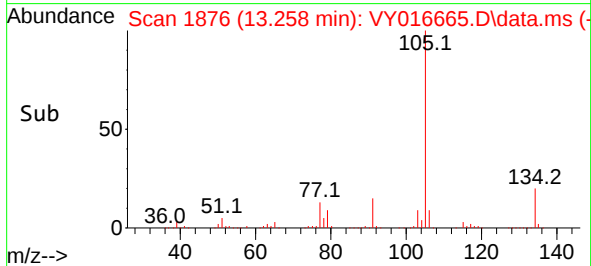
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1216SBS01



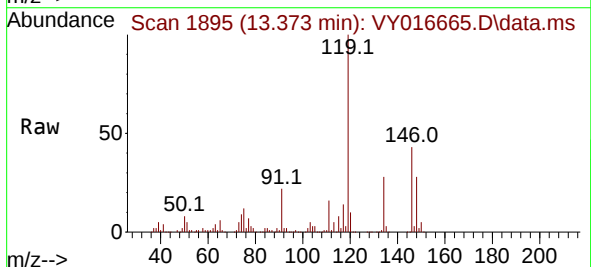
Tgt Ion:105 Resp: 231120  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.2 30.6

Manual Integrations  
 APPROVED

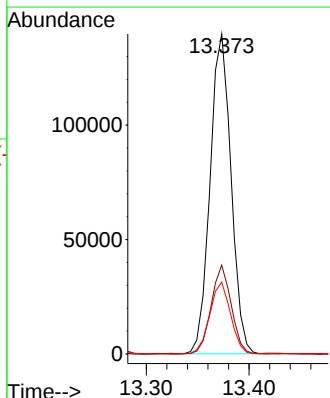
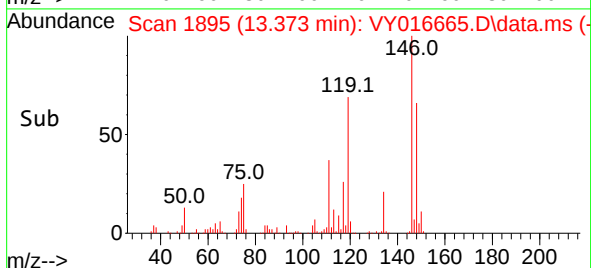
Reviewed By :Mahesh Dadoda 12/18/2023  
 Supervised By :Semsettin Yesilyurt 12/18/2023

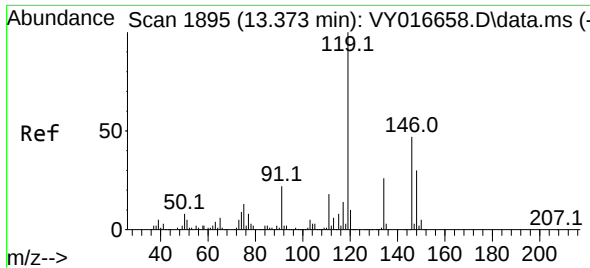


#86  
 p-Isopropyltoluene  
 Concen: 22.893 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY016665.D  
 Acq: 16 Dec 2023 11:31



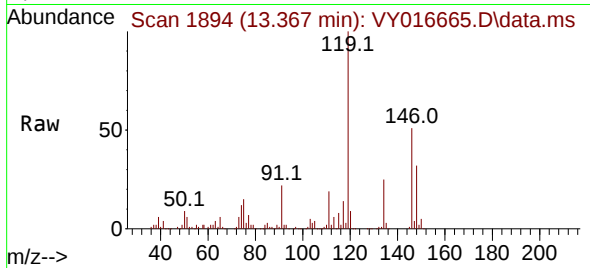
Tgt Ion:119 Resp: 197827  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.3 39.8  
 91 22.3 12.4 37.4





#87  
1,3-Dichlorobenzene  
Concen: 22.074 ug/l  
RT: 13.367 min Scan# 1895  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

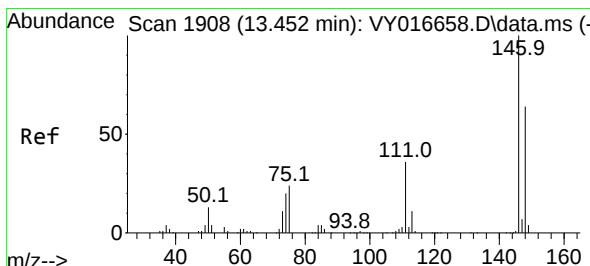
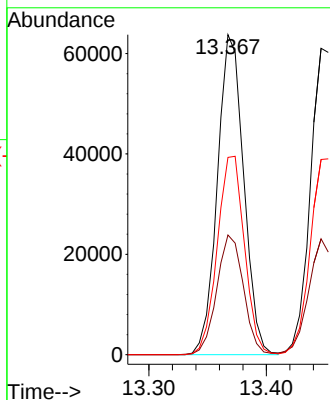
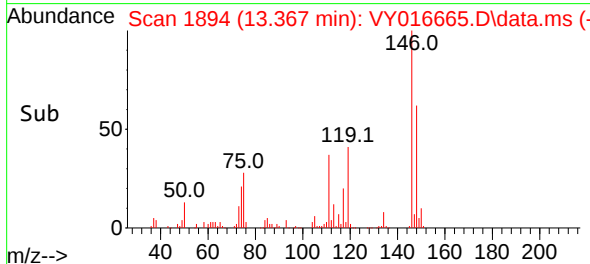
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01



Tgt Ion:146 Resp: 9937  
Ion Ratio Lower Upper  
146 100  
111 37.9 19.4 58.2  
148 64.0 31.9 95.5

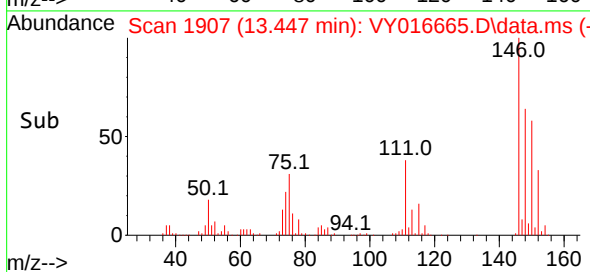
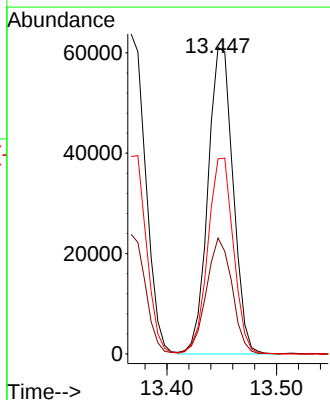
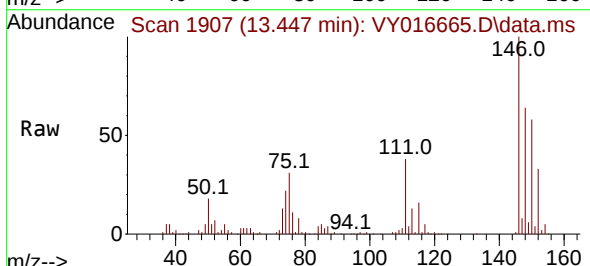
Manual Integrations  
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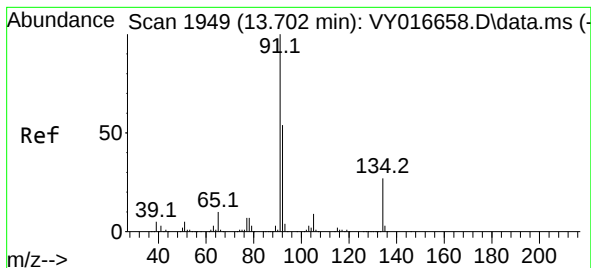
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#88  
1,4-Dichlorobenzene  
Concen: 22.018 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion:146 Resp: 97465  
Ion Ratio Lower Upper  
146 100  
111 39.0 18.9 56.7  
148 65.0 32.1 96.5





#89

n-Butylbenzene

Concen: 22.396 ug/l

RT: 13.697 min Scan# 1949

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA\_Y

ClientSampleId :

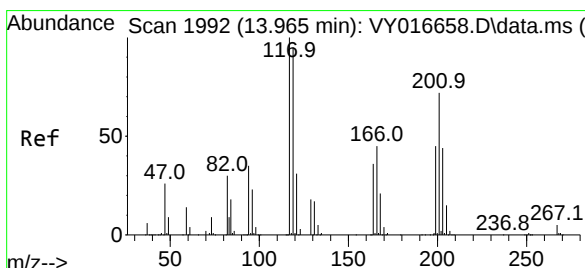
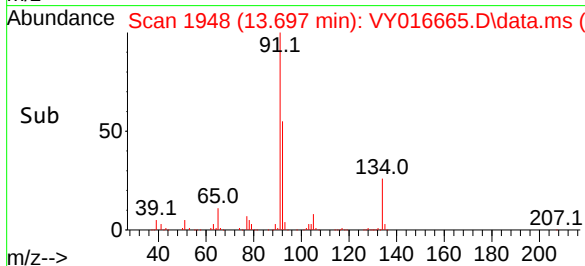
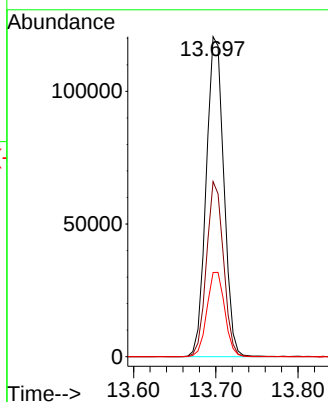
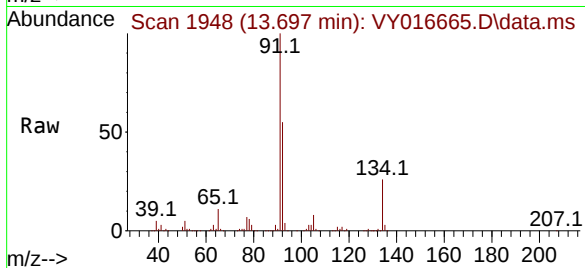
VY1216SBS01

|             |                |
|-------------|----------------|
| Tgt Ion: 91 | Resp: 179790   |
| Ion Ratio   | Lower Upper    |
| 91          | 100            |
| 92          | 52.6 25.4 76.0 |
| 134         | 26.6 12.6 37.6 |

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#90

Hexachloroethane

Concen: 22.247 ug/l

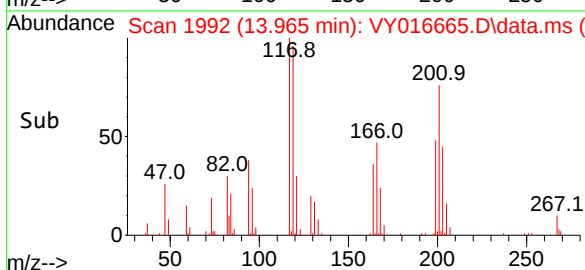
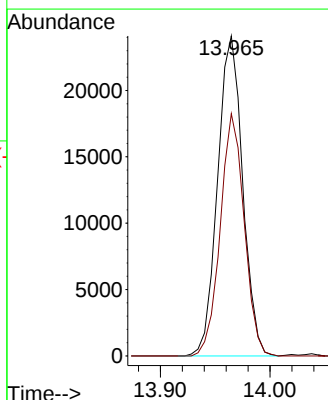
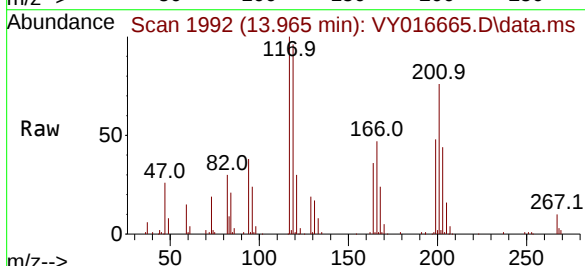
RT: 13.965 min Scan# 1992

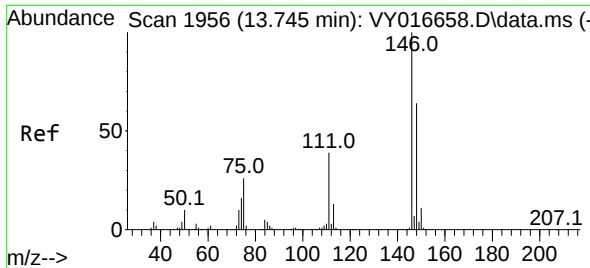
Delta R.T. 0.000 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

|             |                 |
|-------------|-----------------|
| Tgt Ion:117 | Resp: 38264     |
| Ion Ratio   | Lower Upper     |
| 117         | 100             |
| 201         | 72.4 41.6 124.8 |





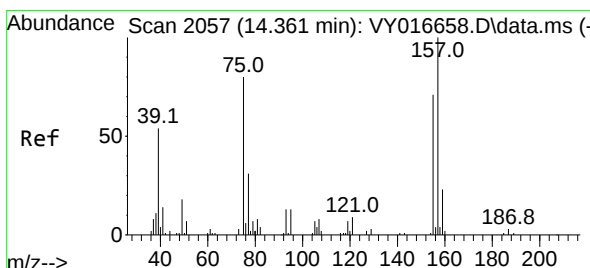
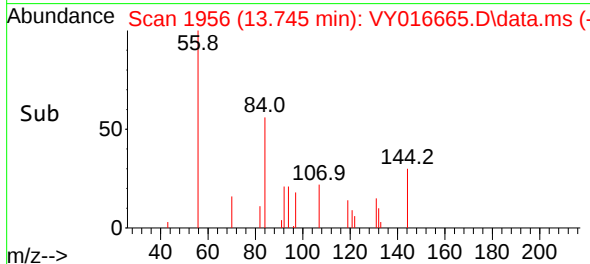
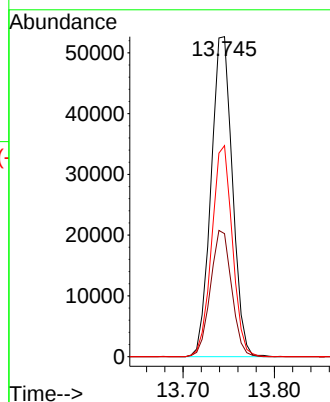
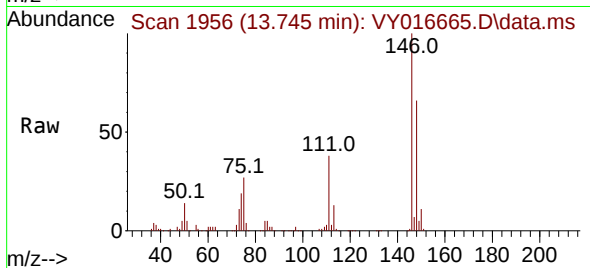
#91  
1,2-Dichlorobenzene  
Concen: 22.126 ug/l  
RT: 13.745 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1216SBS01

Tgt Ion:146 Resp: 8546  
Ion Ratio Lower Upper  
146 100  
111 39.0 19.7 59.0  
148 63.9 32.0 96.2

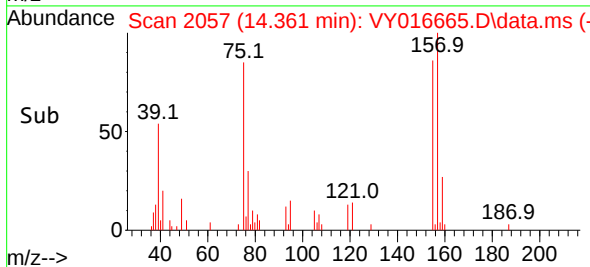
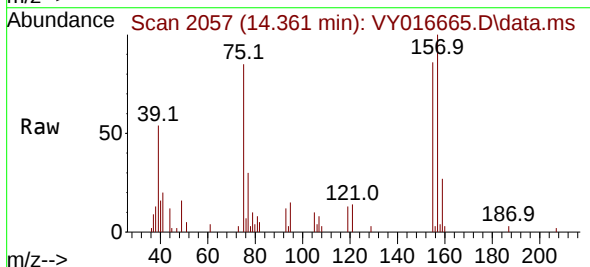
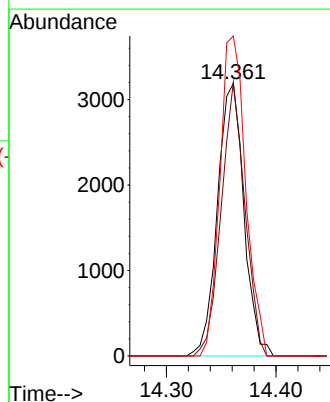
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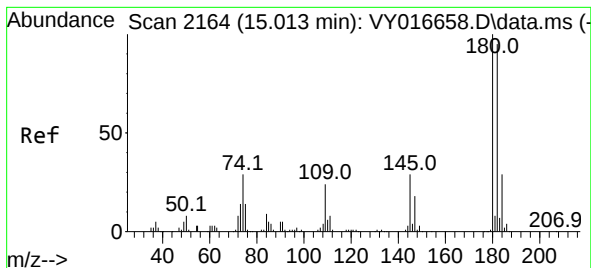
Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.924 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY016665.D  
Acq: 16 Dec 2023 11:31

Tgt Ion: 75 Resp: 5337  
Ion Ratio Lower Upper  
75 100  
155 90.1 41.5 124.6  
157 114.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.938 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA\_Y

ClientSampleId :

VY1216SBS01

Tgt Ion:180 Resp: 43689

Ion Ratio Lower Upper

180 100

182 92.4 47.0 141.2

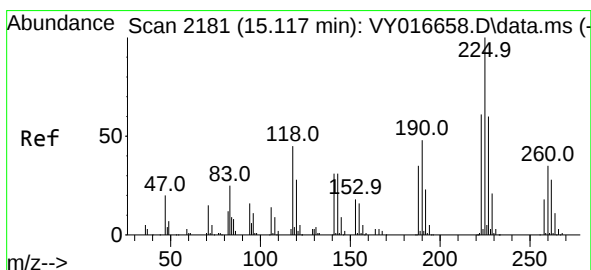
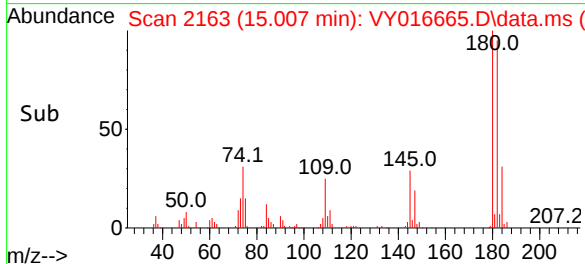
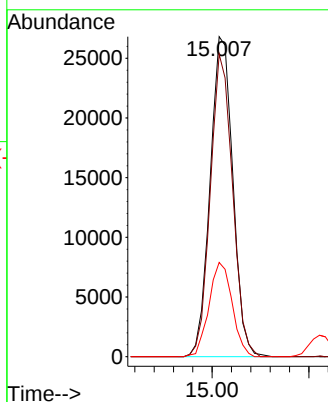
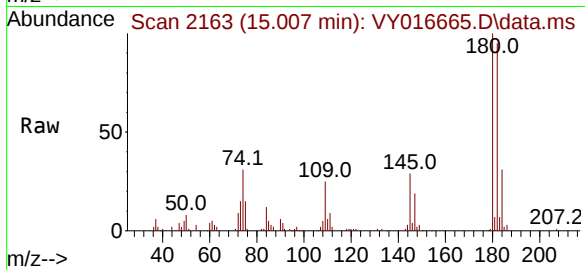
145 30.1 14.5 43.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#94

Hexachlorobutadiene

Concen: 20.771 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

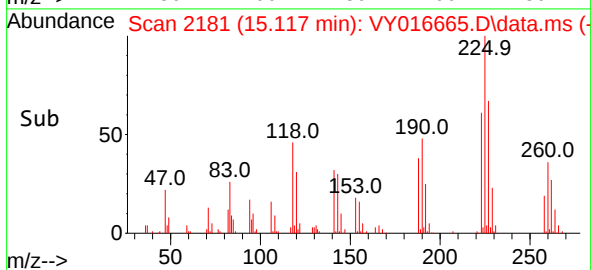
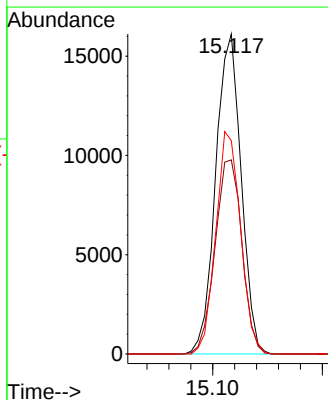
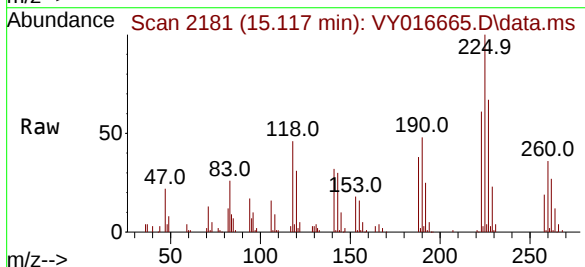
Tgt Ion:225 Resp: 26014

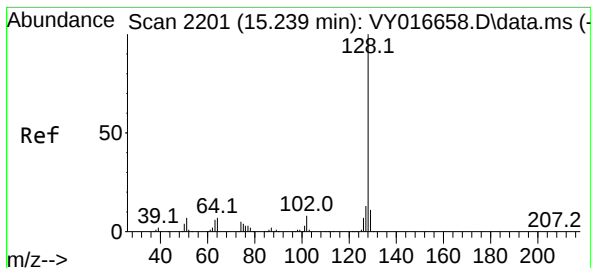
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.9

227 67.8 33.0 98.9





#95

Naphthalene

Concen: 21.922 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA\_Y

ClientSampleId :

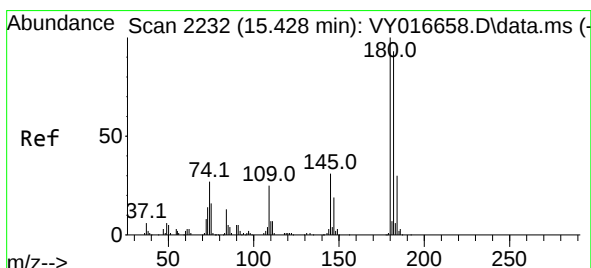
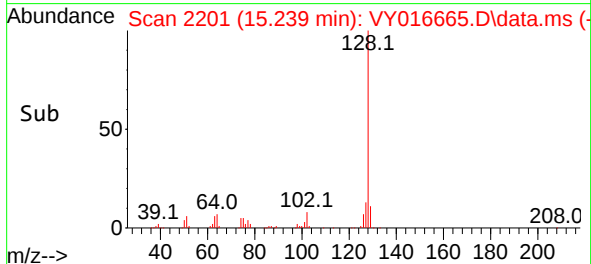
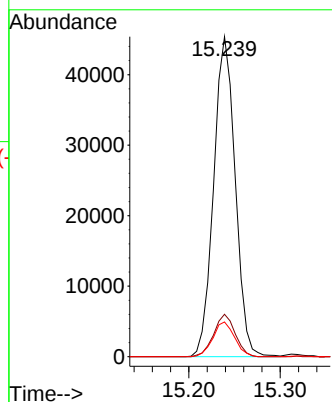
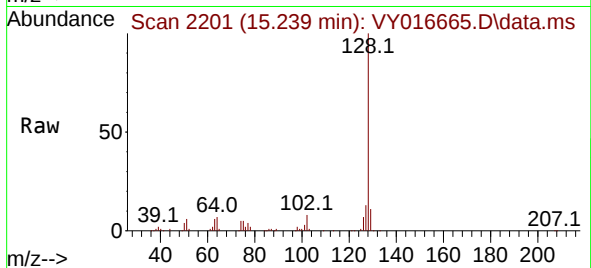
VY1216SBS01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 7436 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 127       | 13.2  | 10.8  | 16.2 |
| 129       | 11.0  | 8.6   | 13.0 |

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023  
Supervised By :Semsettin Yesilyurt 12/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.234 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 34804 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.5  | 47.3  | 141.8 |
| 145       | 31.7  | 15.4  | 46.2  |

