

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY052122\  
 Data File : VY008992.D  
 Acq On : 22 May 2022 09:17  
 Operator : KP/MD  
 Sample : N2919-07MSD  
 Misc : 4.87g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P028-SS001-0612-01MSD

Quant Time: May 23 02:29:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y052022S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 20 23:50:52 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 05/24/2022  
 Supervised By : Mahesh Dadoda 05/24/2022

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 7.789          | 168  | 90044      | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.685          | 114  | 161937     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.489         | 117  | 150587     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422         | 152  | 77460      | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.142          | 65   | 43293      | 46.716  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 93.440% |        |          |
| 35) Dibromofluoromethane     | 7.716          | 113  | 42957      | 42.659  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 85.320% |        |          |
| 50) Toluene-d8               | 10.179         | 98   | 138746     | 37.348  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 74.700% |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 62895      | 41.970  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 83.940% |        |          |
| Target Compounds             |                |      |            |         |        |          |
|                              |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.900          | 85   | 45255      | 54.951  | ug/l   | 97       |
| 3) Chloromethane             | 2.113          | 50   | 74894      | 63.477  | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.247          | 62   | 112865     | 64.568  | ug/l   | 96       |
| 5) Bromomethane              | 2.637          | 94   | 66071      | 38.560  | ug/l   | 99       |
| 6) Chloroethane              | 2.790          | 64   | 76029      | 61.395  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.119          | 101  | 79827      | 53.776  | ug/l   | 94       |
| 8) Diethyl Ether             | 3.527          | 74   | 27777      | 59.843  | ug/l   | 80       |
| 9) 1,1,2-Trichlorotrifluo... | 3.893          | 101  | 45692      | 50.082  | ug/l   | 94       |
| 10) Methyl Iodide            | 4.088          | 142  | 26363      | 27.984  | ug/l   | 93       |
| 11) Tert butyl alcohol       | 4.948          | 59   | 25843      | 274.927 | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 3.863          | 96   | 45319      | 53.510  | ug/l   | 86       |
| 14) Allyl chloride           | 4.472          | 41   | 62620      | 49.061  | ug/l # | 89       |
| 15) Acrylonitrile            | 5.161          | 53   | 58464      | 224.957 | ug/l   | 97       |
| 16) Acetone                  | 3.942          | 43   | 64526      | 334.500 | ug/l   | 93       |
| 17) Carbon Disulfide         | 4.186          | 76   | 122997     | 44.452  | ug/l   | 99       |
| 18) Methyl Acetate           | 4.472          | 43   | 55011      | 91.579  | ug/l   | 92       |
| 19) Methyl tert-butyl Ether  | 5.216          | 73   | 148641     | 58.472  | ug/l   | 96       |
| 20) Methylene Chloride       | 4.710          | 84   | 58623      | 55.244  | ug/l   | 88       |
| 21) trans-1,2-Dichloroethene | 5.210          | 96   | 57955      | 53.313  | ug/l   | 91       |
| 22) Diisopropyl ether        | 6.118          | 45   | 158690     | 51.752  | ug/l # | 89       |
| 24) 1,1-Dichloroethane       | 6.015          | 63   | 100925     | 55.028  | ug/l   | 99       |
| 25) 2-Butanone               | 6.978          | 43   | 88506      | 256.877 | ug/l # | 89       |
| 26) 2,2-Dichloropropane      | 6.978          | 77   | 62380      | 36.923  | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 6.978          | 96   | 65221      | 53.223  | ug/l   | 85       |
| 28) Bromochloromethane       | 7.331          | 49   | 38075      | 60.483  | ug/l # | 92       |
| 29) Tetrahydrofuran          | 7.344          | 42   | 67233      | 287.268 | ug/l # | 86       |
| 30) Chloroform               | 7.502          | 83   | 109490     | 55.304  | ug/l   | 98       |
| 31) Cyclohexane              | 7.783          | 56   | 79468      | 43.833  | ug/l   | 89       |
| 32) 1,1,1-Trichloroethane    | 7.697          | 97   | 93023      | 51.790  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.911          | 75   | 79214      | 46.224  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 7.898          | 117  | 78527      | 43.804  | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.179          | 83   | 80613      | 36.443  | ug/l   | 90       |
| 40) Benzene                  | 8.154          | 78   | 243253     | 49.225  | ug/l   | 98       |
| 41) Methacrylonitrile        | 7.319          | 41   | 16163m     | 35.235  | ug/l   |          |
| 42) 1,2-Dichloroethane       | 8.234          | 62   | 77973      | 53.735  | ug/l   | 95       |
| 43) Isopropyl Acetate        | 8.270          | 43   | 20868      | 12.625  | ug/l # | 64       |

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 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P028-SS001-0612-01MSD

Manual Integrations  
 APPROVED

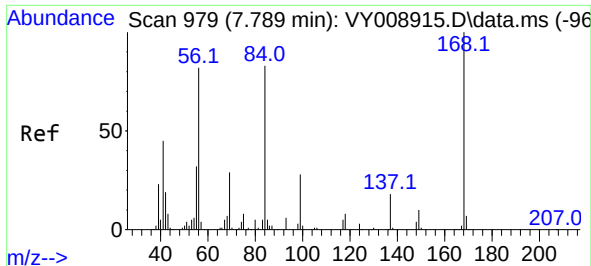
Reviewed By : John Carlone 05/24/2022  
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 23 02:29:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y052022S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 20 23:50:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 44) Trichloroethene           | 8.941  | 130  | 63083    | 48.212   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 62079    | 52.318   | ug/l   | 99       |
| 46) Dibromomethane            | 9.301  | 93   | 42154    | 55.871   | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.496  | 83   | 85666    | 49.681   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.288  | 41   | 36996    | 50.125   | ug/l # | 81       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 11057    | 1096.294 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 243994   | 266.725  | ug/l   | 92       |
| 52) Toluene                   | 10.239 | 92   | 164402   | 47.605   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 77822    | 42.500   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 9.922  | 75   | 77596    | 39.419   | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 54754    | 51.872   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 13217    | 9.794    | ug/l # | 85       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 90766    | 52.713   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 151122   | 258.837  | ug/l   | 95       |
| 59) 2-Hexanone                | 10.831 | 43   | 101052   | 161.342  | ug/l   | 90       |
| 60) Dibromochloromethane      | 10.983 | 129  | 62279    | 48.672   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 51106    | 48.859   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 78834    | 71.924   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 162201   | 46.929   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 65536    | 51.783   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 294141   | 47.223   | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.703 | 106  | 248077   | 98.110   | ug/l   | 90       |
| 69) o-Xylene                  | 12.026 | 106  | 116177   | 49.477   | ug/l   | 91       |
| 70) Styrene                   | 12.044 | 104  | 164132   | 40.646   | ug/l   | 96       |
| 71) Bromoform                 | 12.209 | 173  | 41361    | 49.300   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 281399   | 48.584   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 67538    | 56.605   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 50387m   | 60.574   | ug/l   |          |
| 77) Bromobenzene              | 12.605 | 156  | 65668    | 48.910   | ug/l   | 96       |
| 78) n-propylbenzene           | 12.672 | 91   | 333610   | 49.853   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 187153   | 48.485   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 234875   | 48.380   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 14350    | 35.408   | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 200239   | 48.501   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 197305   | 45.810   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 236505   | 49.074   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 289945   | 43.999   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 236891   | 43.108   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 128580   | 44.894   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 130221   | 45.256   | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.696 | 91   | 189910   | 37.775   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 41512    | 40.310   | ug/l   | 84       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 117513   | 46.481   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 10293    | 55.567   | ug/l   | 83       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 44212    | 31.864   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 19414    | 25.672   | ug/l   | 98       |
| 95) Naphthalene               | 15.232 | 128  | 112937   | 40.517   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.421 | 180  | 37949    | 31.474   | ug/l   | 97       |

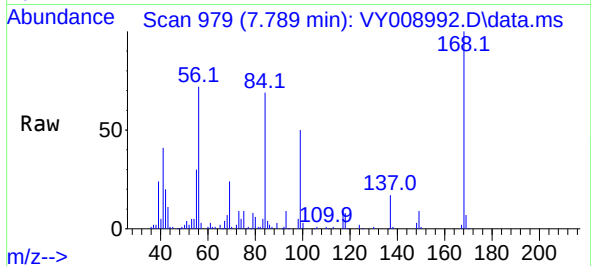
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

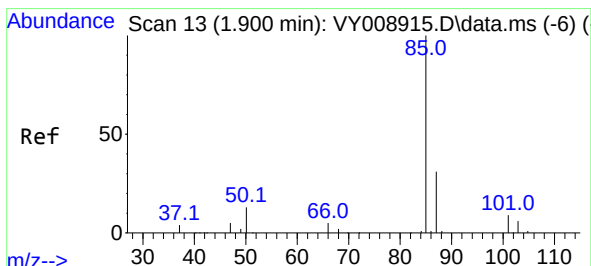
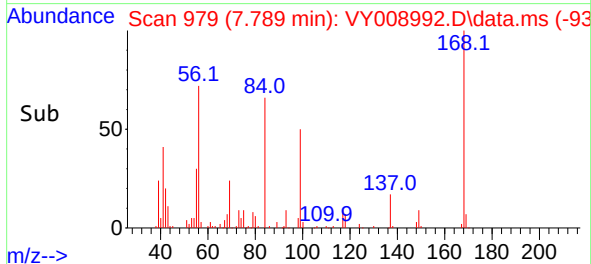
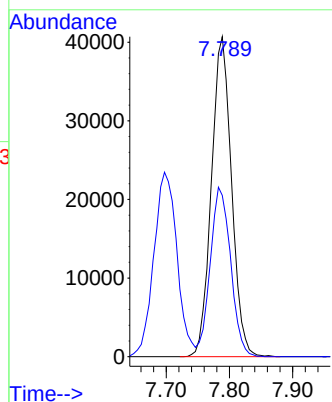
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion:168 Resp: 90044  
Ion Ratio Lower Upper  
168 100  
99 50.4 46.9 70.3

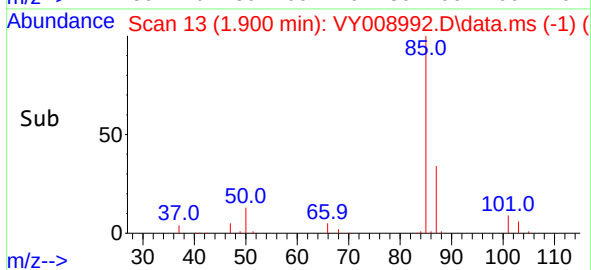
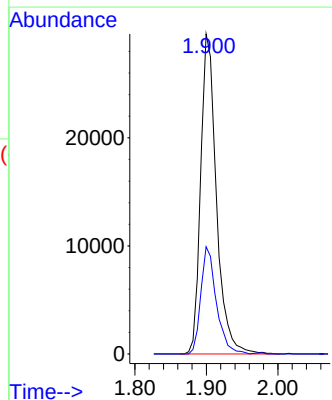
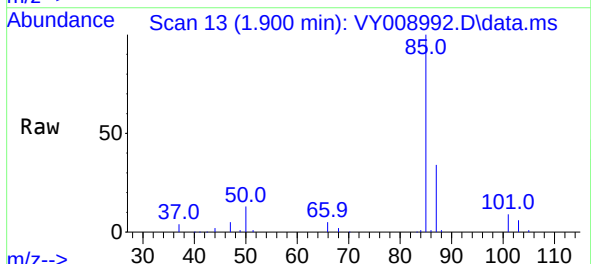
Manual Integrations  
APPROVED

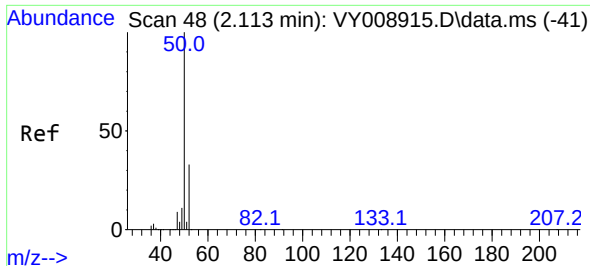
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#2  
Dichlorodifluoromethane  
Concen: 54.951 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

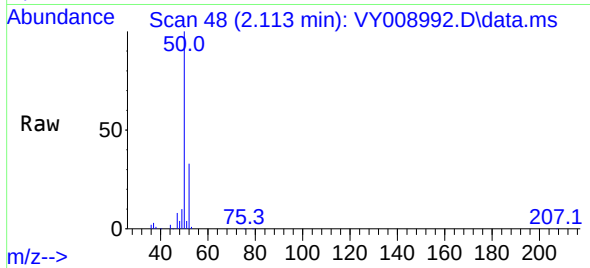
Tgt Ion: 85 Resp: 45255  
Ion Ratio Lower Upper  
85 100  
87 33.5 16.1 48.2





#3  
Chloromethane  
Concen: 63.477 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

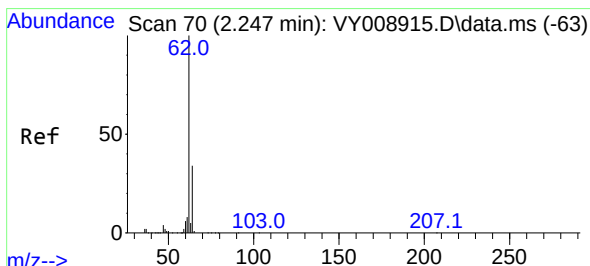
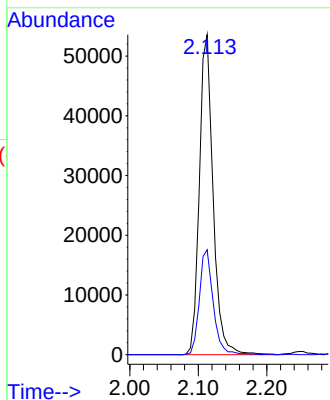
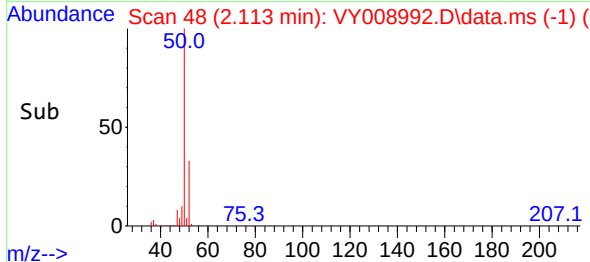
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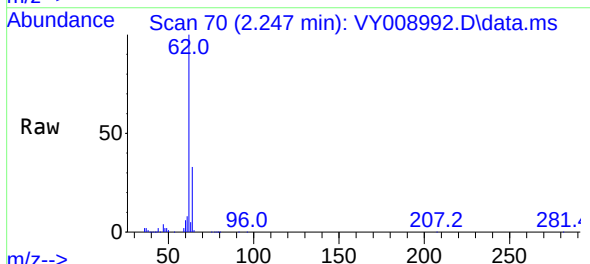
Tgt Ion: 50 Resp: 74894  
Ion Ratio Lower Upper  
50 100  
52 32.8 24.6 37.0

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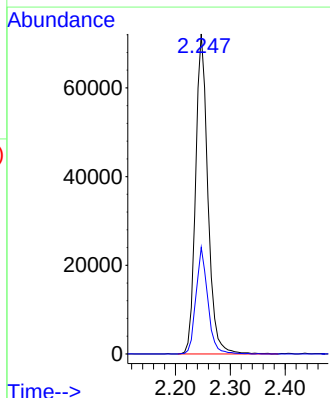
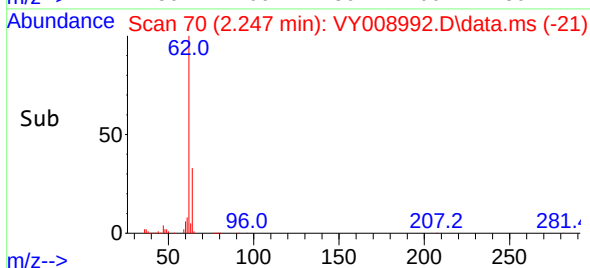
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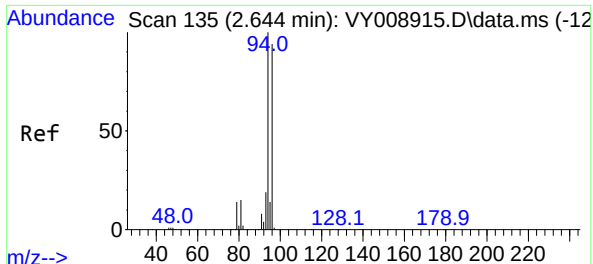


#4  
Vinyl Chloride  
Concen: 64.568 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



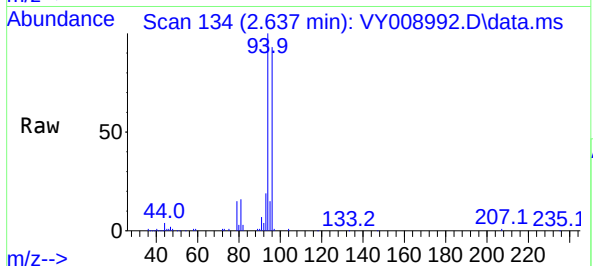
Tgt Ion: 62 Resp: 112865  
Ion Ratio Lower Upper  
62 100  
64 33.3 25.0 37.6





#5  
Bromomethane  
Concen: 38.560 ug/l  
RT: 2.637 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

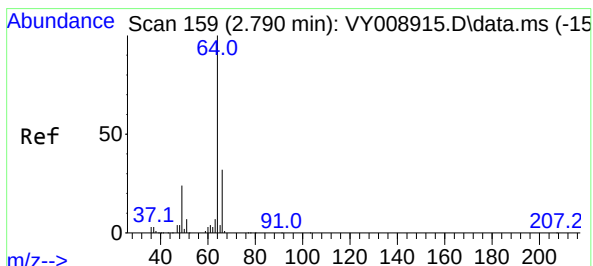
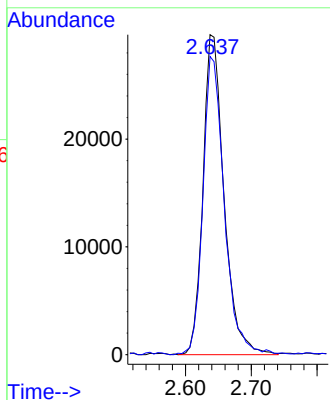
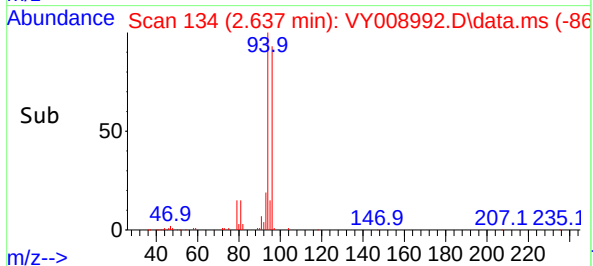
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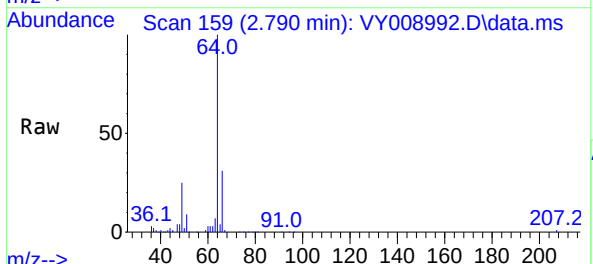
Tgt Ion: 94 Resp: 6607  
Ion Ratio Lower Upper  
94 100  
96 92.7 73.5 110.3

Manual Integrations  
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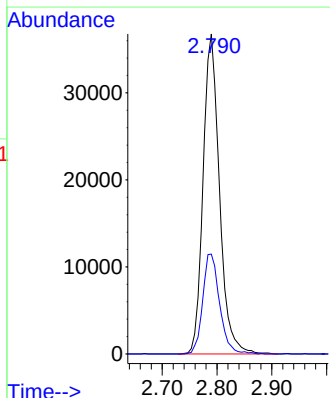
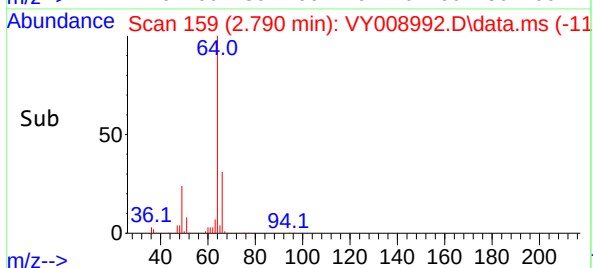
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

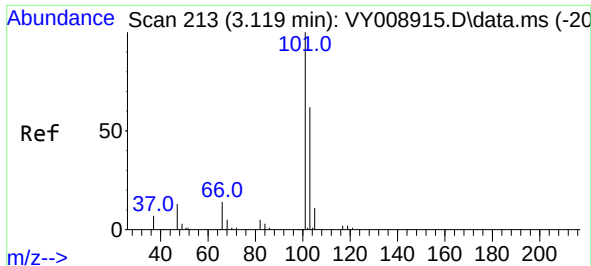


#6  
Chloroethane  
Concen: 61.395 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



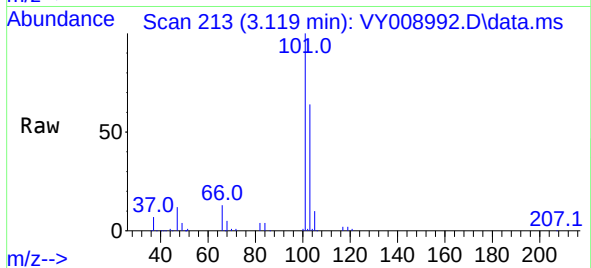
Tgt Ion: 64 Resp: 76029  
Ion Ratio Lower Upper  
64 100  
66 31.2 25.4 38.0





#7  
Trichlorofluoromethane  
Concen: 53.776 ug/l  
RT: 3.119 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

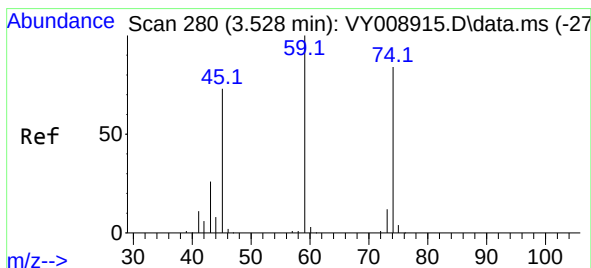
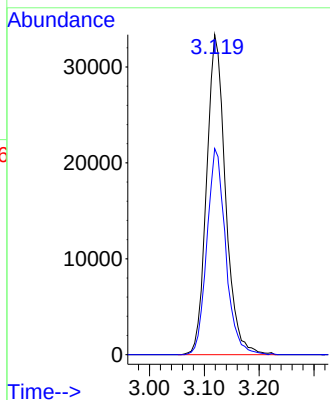
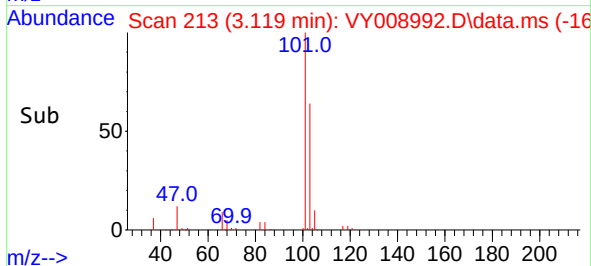
Instrument :  
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ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion: 101 Resp: 7982  
Ion Ratio Lower Upper  
101 100  
103 64.4 48.0 72.0

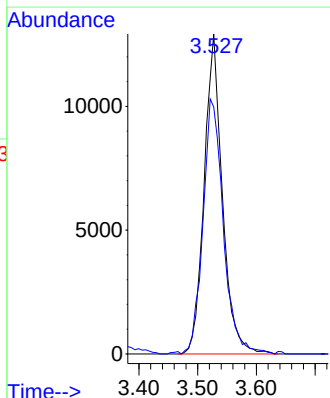
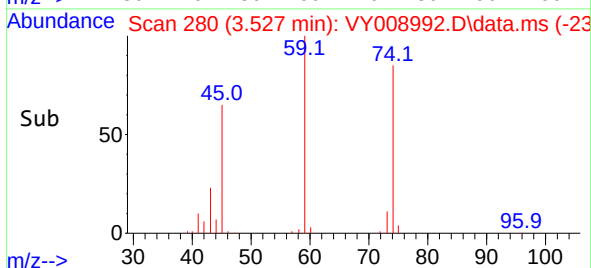
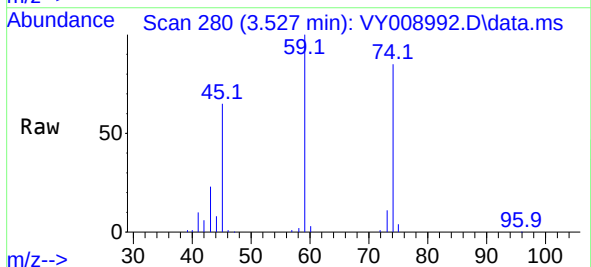
Manual Integrations  
APPROVED

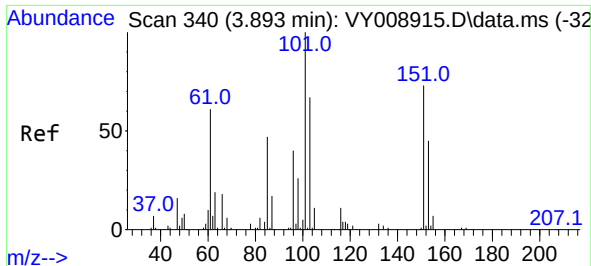
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#8  
Diethyl Ether  
Concen: 59.843 ug/l  
RT: 3.527 min Scan# 280  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

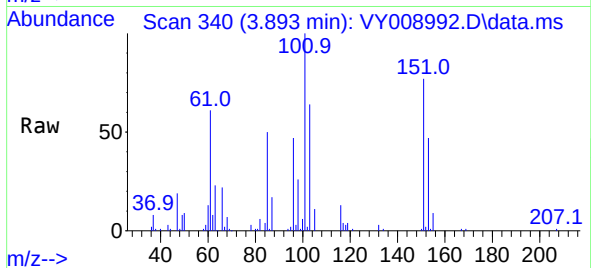
Tgt Ion: 74 Resp: 27777  
Ion Ratio Lower Upper  
74 100  
45 89.6 55.1 165.5





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.082 ug/l  
RT: 3.893 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

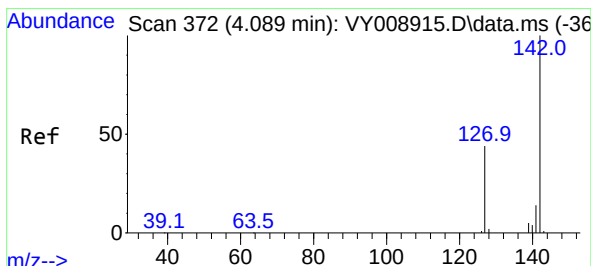
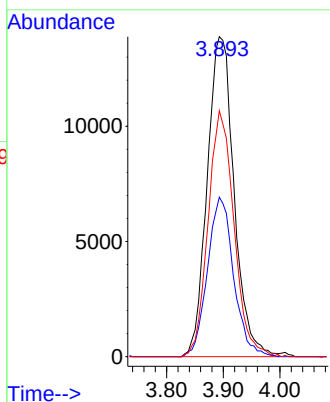
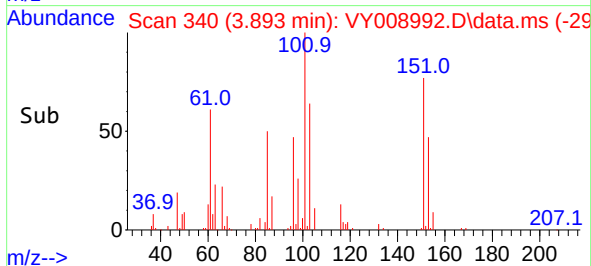
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion:101 Resp: 45692  
Ion Ratio Lower Upper  
101 100  
85 48.6 40.6 60.8  
151 74.2 64.9 97.3

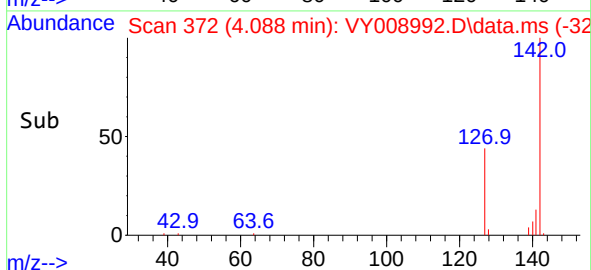
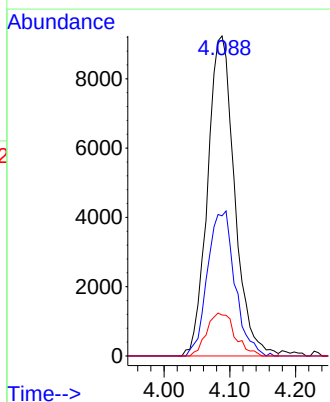
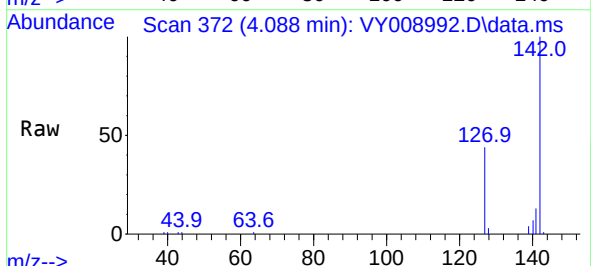
Manual Integrations  
APPROVED

Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

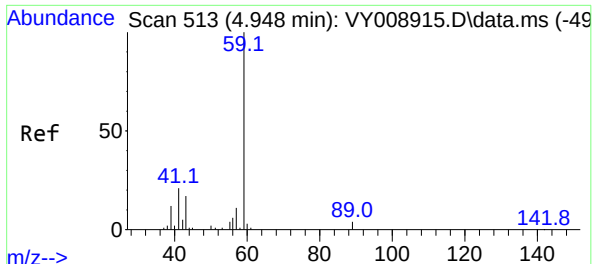


#10  
Methyl Iodide  
Concen: 27.984 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

Tgt Ion:142 Resp: 26363  
Ion Ratio Lower Upper  
142 100  
127 46.1 41.5 62.3  
141 14.0 11.9 17.9

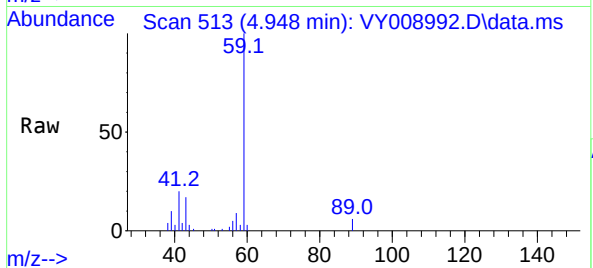






#11  
Tert butyl alcohol  
Concen: 274.927 ug/l  
RT: 4.948 min Scan# 513  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

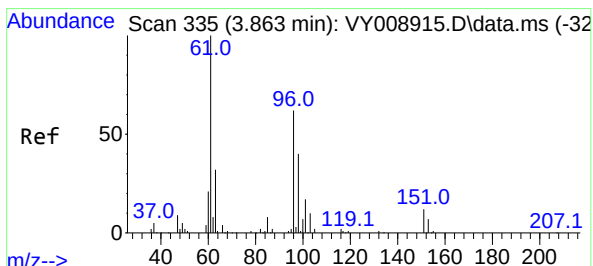
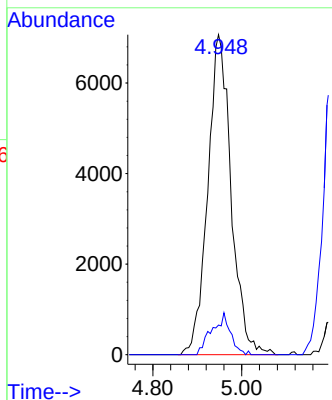
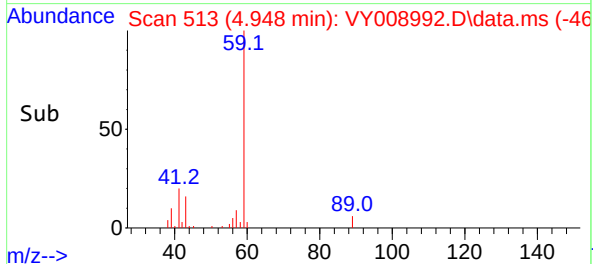
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



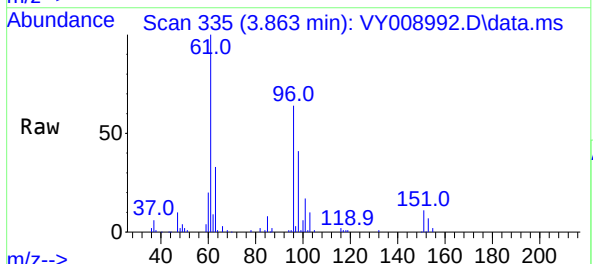
Tgt Ion: 59 Resp: 2584  
Ion Ratio Lower Upper  
59 100  
57 10.4 6.4 9.6

Manual Integrations  
APPROVED

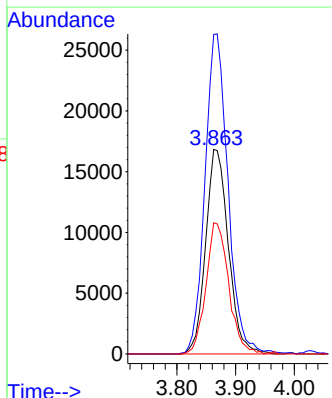
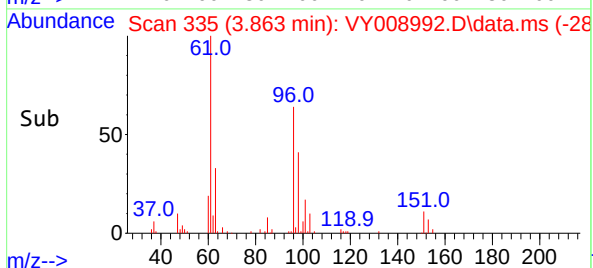
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

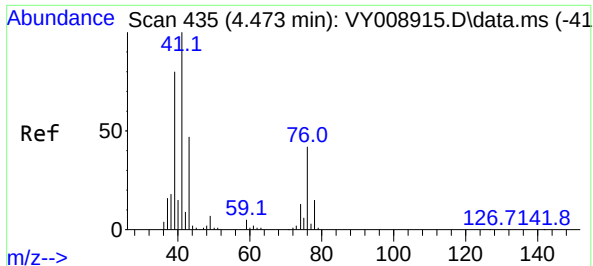


#12  
1,1-Dichloroethene  
Concen: 53.510 ug/l  
RT: 3.863 min Scan# 335  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



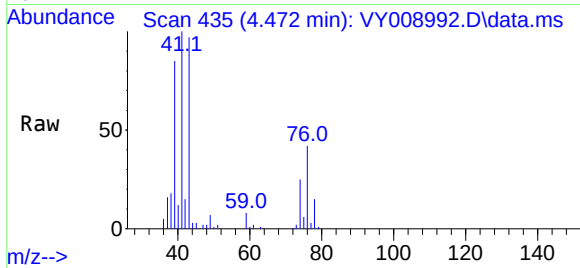
Tgt Ion: 96 Resp: 45319  
Ion Ratio Lower Upper  
96 100  
61 156.2 145.8 218.6  
98 64.1 52.5 78.7





#14  
 Allyl chloride  
 Concen: 49.061 ug/l  
 RT: 4.472 min Scan# 41  
 Delta R.T. -0.001 min  
 Lab File: VY008992.D  
 Acq: 22 May 2022 09:17

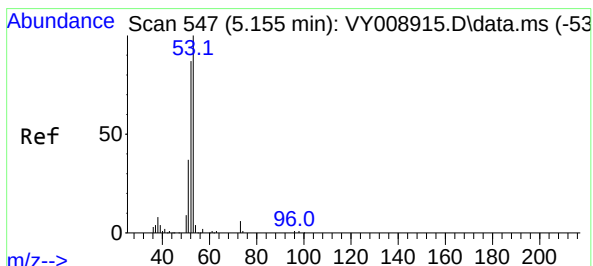
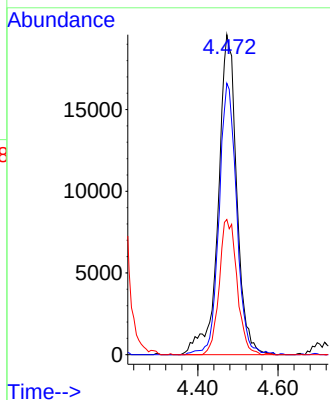
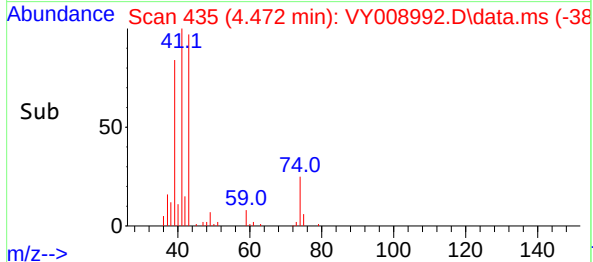
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P028-SS001-0612-01MSD



Tgt Ion: 41 Resp: 62620  
 Ion Ratio Lower Upper  
 41 100  
 39 80.5 58.8 88.2  
 76 40.6 25.1 37.7

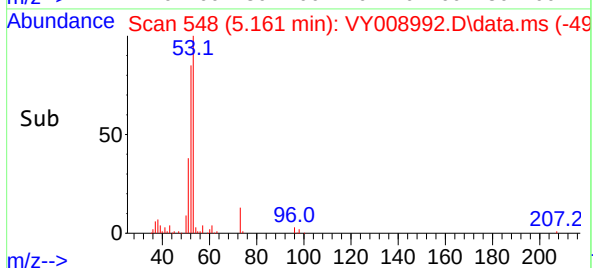
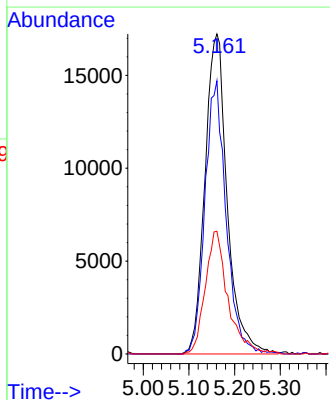
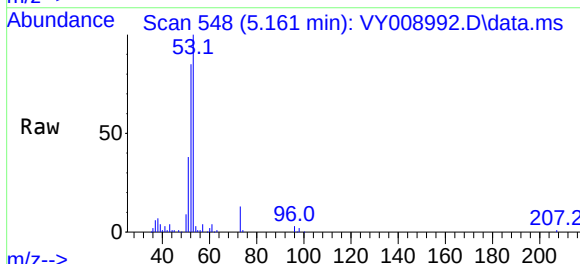
Manual Integrations  
 APPROVED

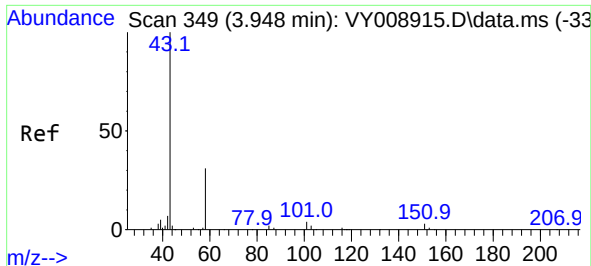
Reviewed By :John Carlone 05/24/2022  
 Supervised By :Mahesh Dadoda 05/24/2022



#15  
 Acrylonitrile  
 Concen: 224.957 ug/l  
 RT: 5.161 min Scan# 548  
 Delta R.T. 0.006 min  
 Lab File: VY008992.D  
 Acq: 22 May 2022 09:17

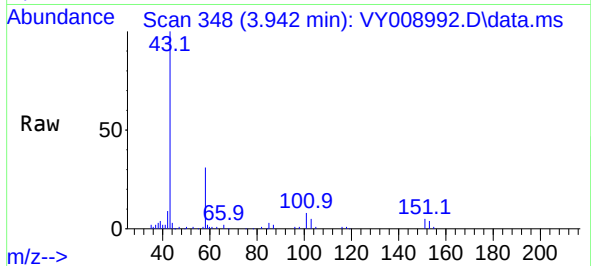
Tgt Ion: 53 Resp: 58464  
 Ion Ratio Lower Upper  
 53 100  
 52 81.1 67.0 100.4  
 51 38.6 29.8 44.6





#16  
Acetone  
Concen: 334.500 ug/l  
RT: 3.942 min Scan# 349  
Delta R.T. -0.006 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

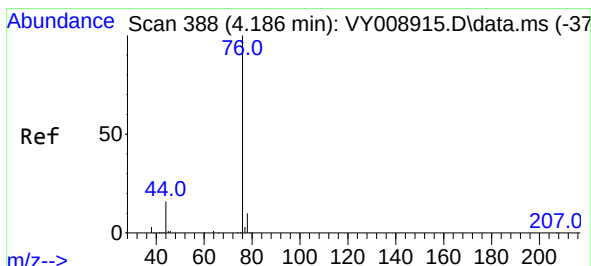
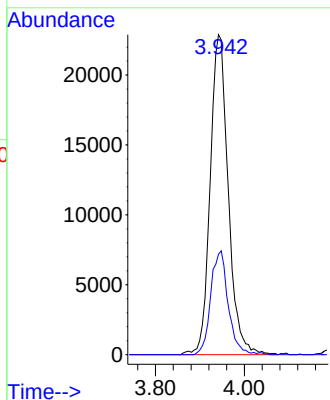
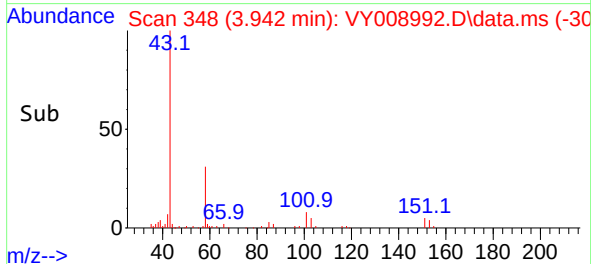
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion: 43 Resp: 64520  
Ion Ratio Lower Upper  
43 100  
58 31.4 22.0 33.0

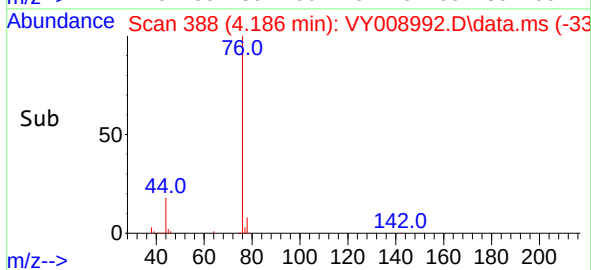
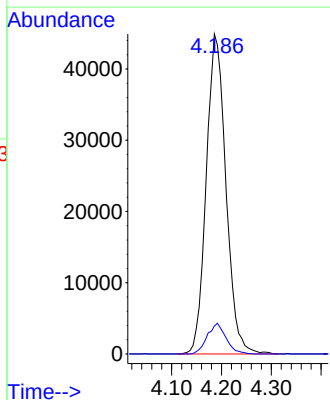
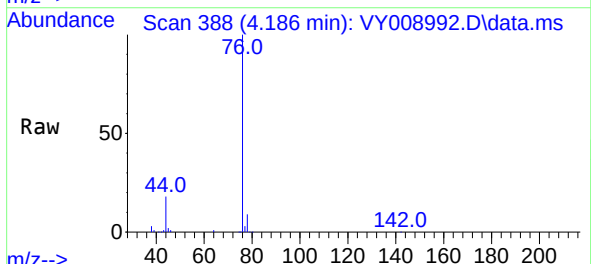
Manual Integrations  
APPROVED

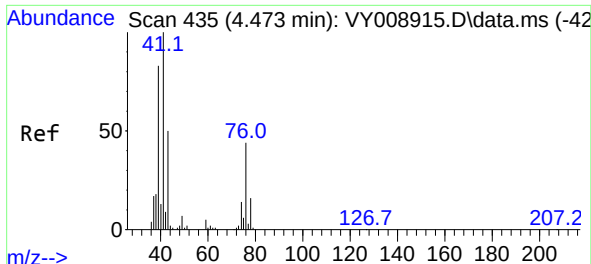
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#17  
Carbon Disulfide  
Concen: 44.452 ug/l  
RT: 4.186 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

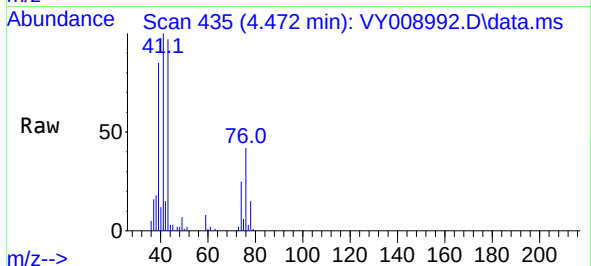
Tgt Ion: 76 Resp: 122997  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.0





#18  
Methyl Acetate  
Concen: 91.579 ug/l  
RT: 4.472 min Scan# 41  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

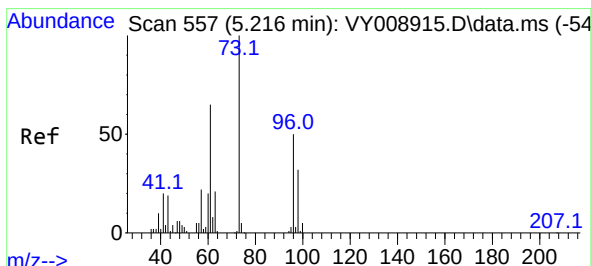
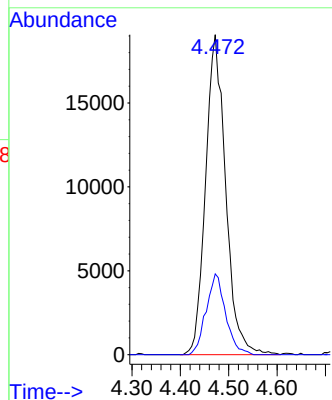
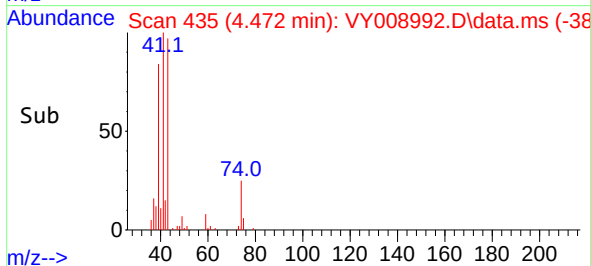
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion: 43 Resp: 5501  
Ion Ratio Lower Upper  
43 100  
74 24.5 16.6 24.8

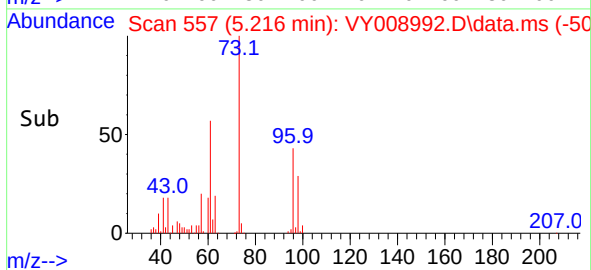
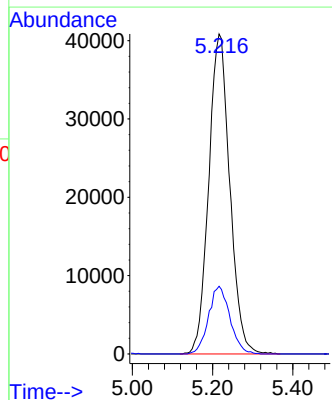
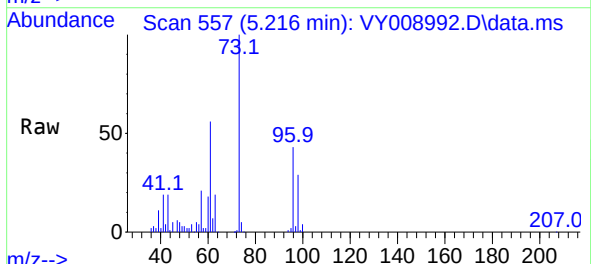
Manual Integrations  
APPROVED

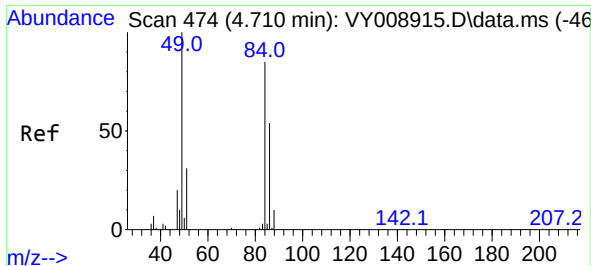
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#19  
Methyl tert-butyl Ether  
Concen: 58.472 ug/l  
RT: 5.216 min Scan# 557  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

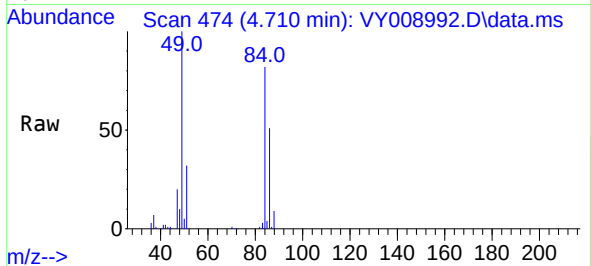
Tgt Ion: 73 Resp: 148641  
Ion Ratio Lower Upper  
73 100  
57 21.1 18.6 27.8





#20  
Methylene Chloride  
Concen: 55.244 ug/l  
RT: 4.710 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

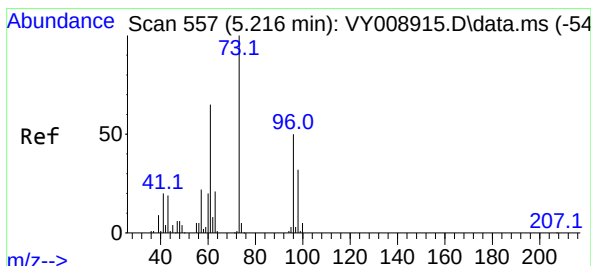
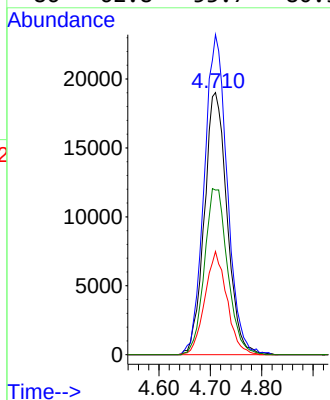
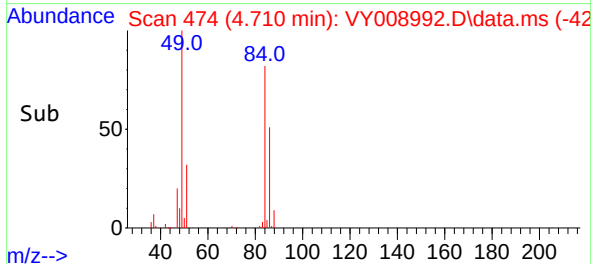
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion: 84 Resp: 5862  
Ion Ratio Lower Upper  
84 100  
49 122.1 114.4 171.6  
51 39.4 35.3 52.9  
86 62.8 53.7 80.5

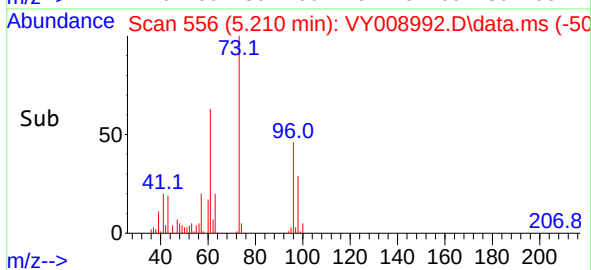
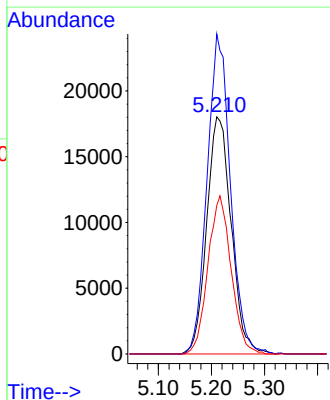
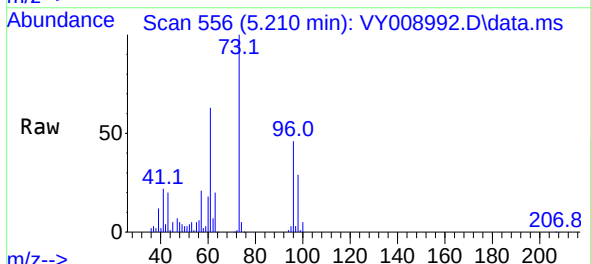
Manual Integrations  
APPROVED

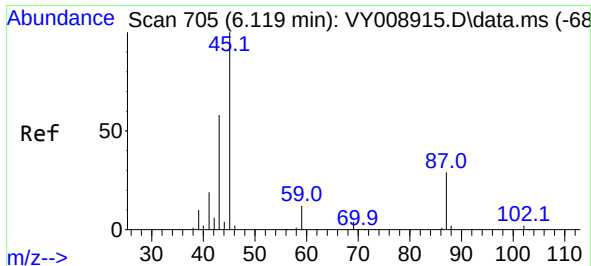
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#21  
trans-1,2-Dichloroethene  
Concen: 53.313 ug/l  
RT: 5.210 min Scan# 556  
Delta R.T. -0.006 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

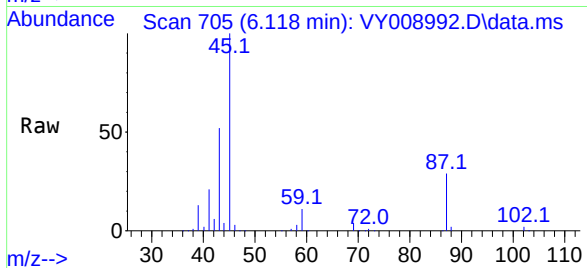
Tgt Ion: 96 Resp: 57955  
Ion Ratio Lower Upper  
96 100  
61 135.0 120.5 180.7  
98 62.6 49.8 74.8





#22  
Diisopropyl ether  
Concen: 51.752 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

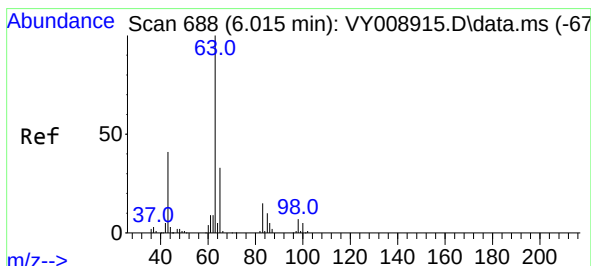
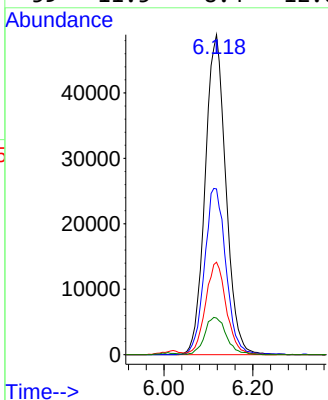
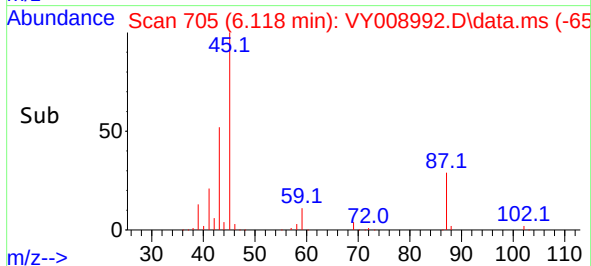
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion: 45 Resp: 158690  
Ion Ratio Lower Upper  
45 100  
43 51.8 49.3 73.9  
87 28.9 19.2 28.8  
59 11.5 8.4 12.6

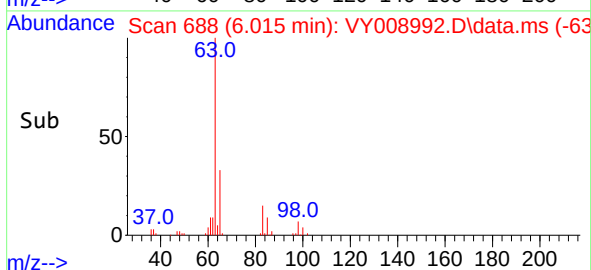
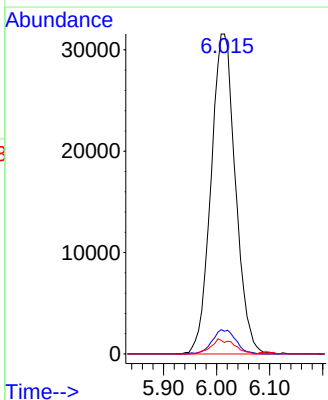
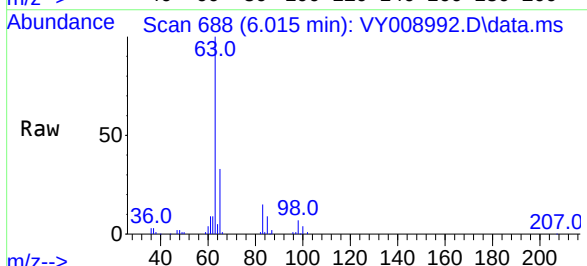
Manual Integrations  
APPROVED

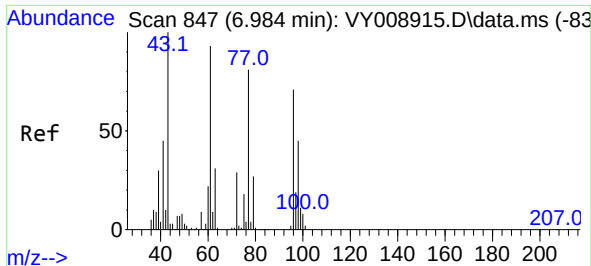
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#24  
1,1-Dichloroethane  
Concen: 55.028 ug/l  
RT: 6.015 min Scan# 688  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

Tgt Ion: 63 Resp: 100925  
Ion Ratio Lower Upper  
63 100  
98 7.1 3.6 10.8  
100 3.6 2.0 5.8





#25

2-Butanone

Concen: 256.877 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY008992.D

Acq: 22 May 2022 09:17

Instrument :

MSVOA\_Y

ClientSampleId :

P028-SS001-0612-01MSD

Tgt Ion: 43 Resp: 88500

Ion Ratio Lower Upper

43 100

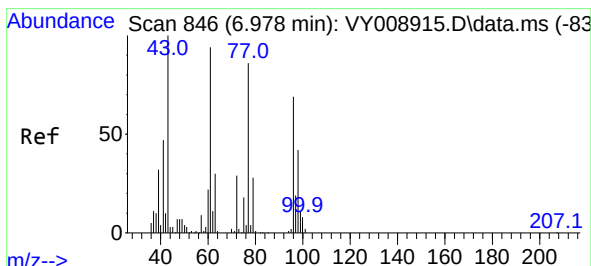
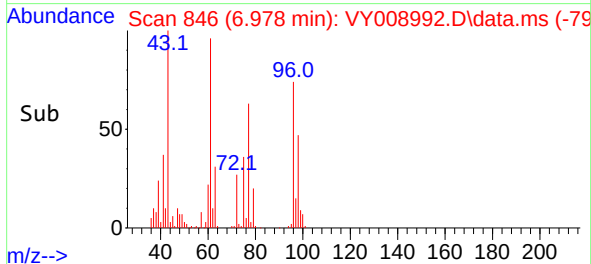
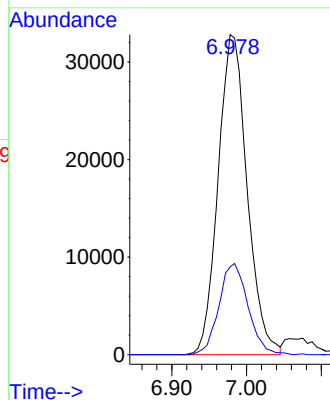
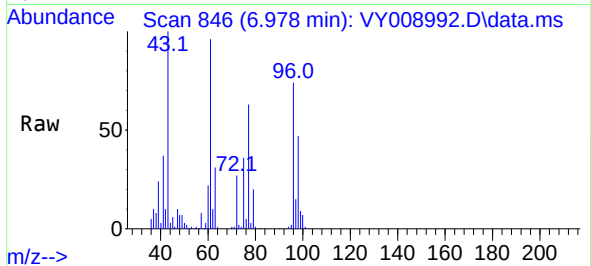
72 27.4 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#26

2,2-Dichloropropane

Concen: 36.923 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY008992.D

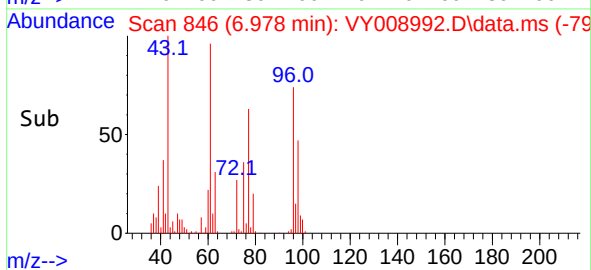
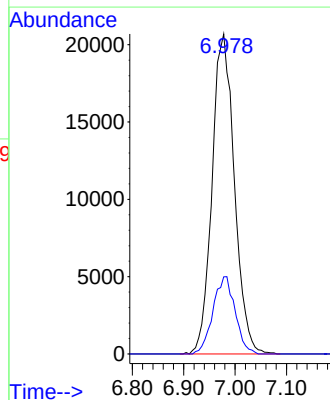
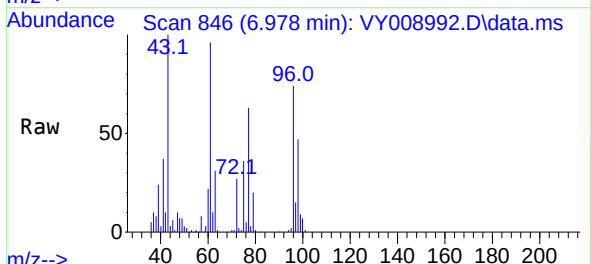
Acq: 22 May 2022 09:17

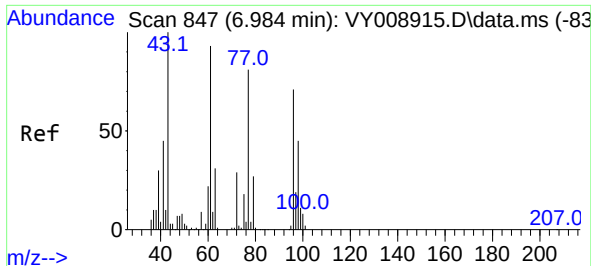
Tgt Ion: 77 Resp: 62380

Ion Ratio Lower Upper

77 100

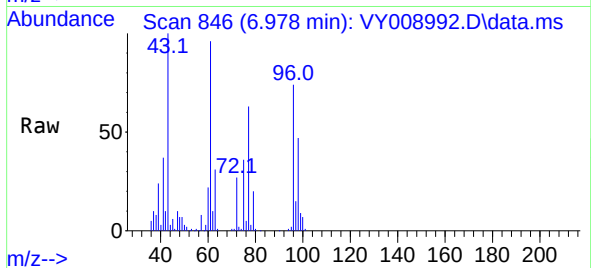
97 24.0 10.4 31.4





#27  
 cis-1,2-Dichloroethene  
 Concen: 53.223 ug/l  
 RT: 6.978 min Scan# 847  
 Delta R.T. -0.006 min  
 Lab File: VY008992.D  
 Acq: 22 May 2022 09:17

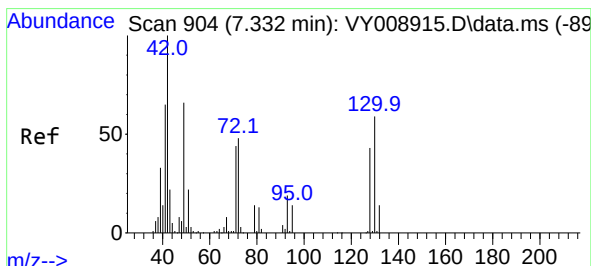
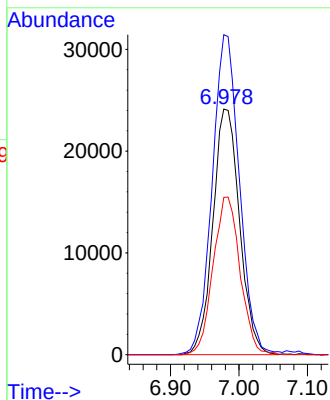
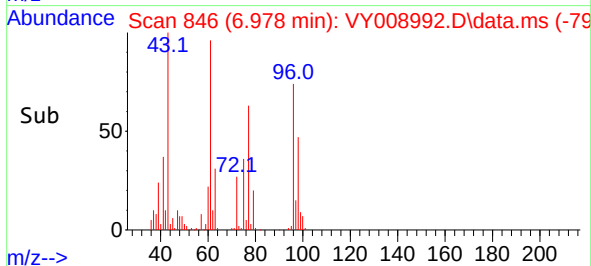
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P028-SS001-0612-01MSD



Tgt Ion: 96 Resp: 6522  
 Ion Ratio Lower Upper  
 96 100  
 61 133.0 0.0 319.8  
 98 64.9 0.0 127.0

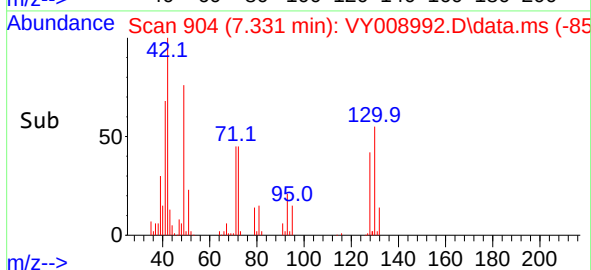
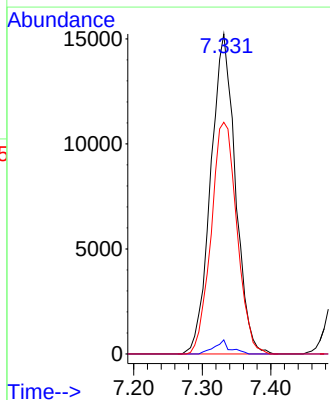
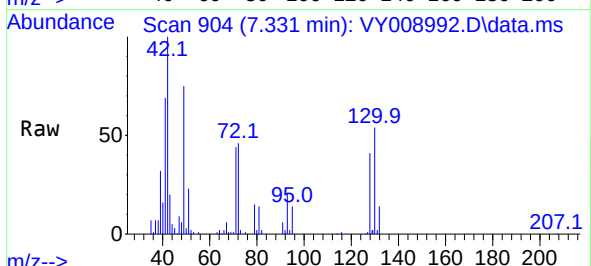
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 05/24/2022  
 Supervised By :Mahesh Dadoda 05/24/2022

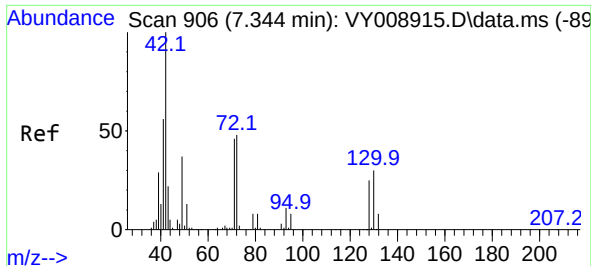


#28  
 Bromochloromethane  
 Concen: 60.483 ug/l  
 RT: 7.331 min Scan# 904  
 Delta R.T. -0.001 min  
 Lab File: VY008992.D  
 Acq: 22 May 2022 09:17

Tgt Ion: 49 Resp: 38075  
 Ion Ratio Lower Upper  
 49 100  
 129 2.8 0.0 2.2#  
 130 75.5 55.4 83.0

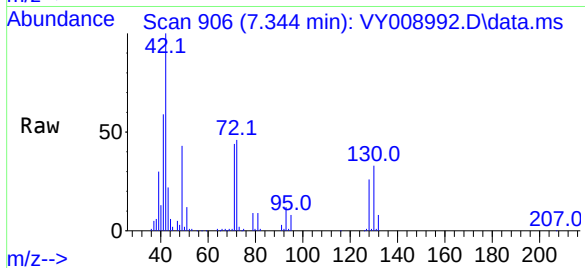






#29  
Tetrahydrofuran  
Concen: 287.268 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

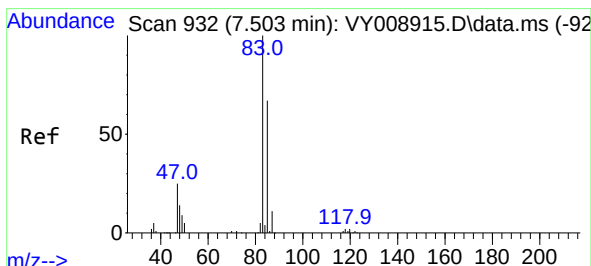
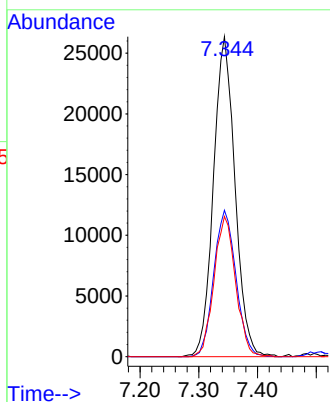
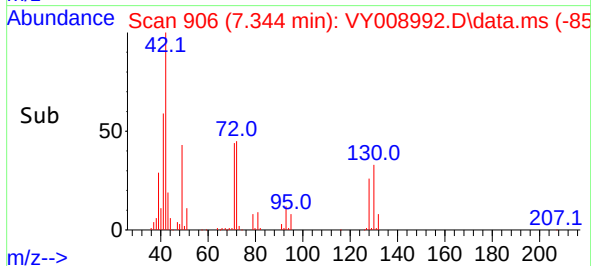
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



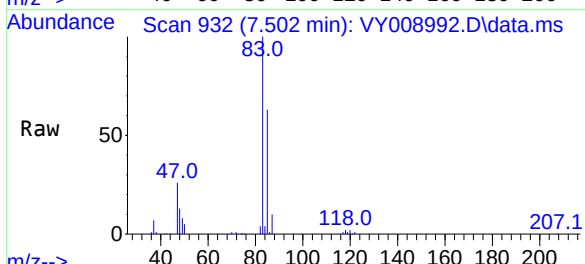
Tgt Ion: 42 Resp: 6723  
Ion Ratio Lower Upper  
42 100  
72 47.2 30.3 45.5  
71 43.9 29.0 43.4

Manual Integrations  
APPROVED

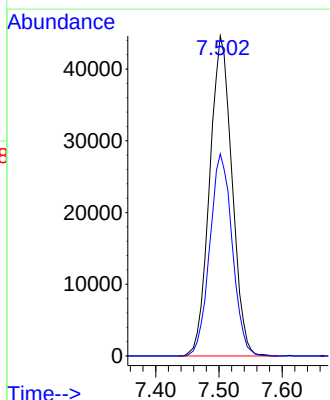
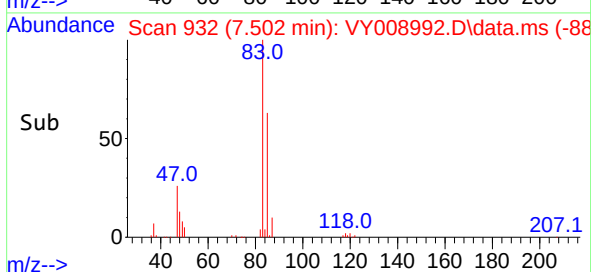
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

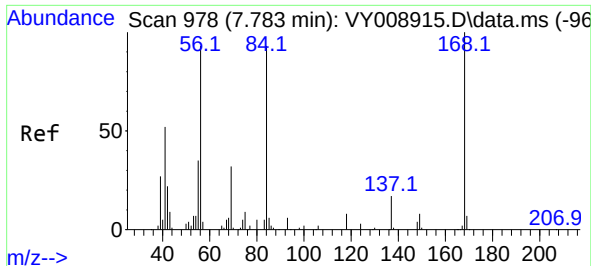


#30  
Chloroform  
Concen: 55.304 ug/l  
RT: 7.502 min Scan# 932  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



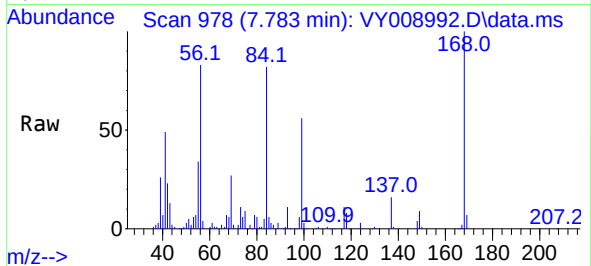
Tgt Ion: 83 Resp: 109490  
Ion Ratio Lower Upper  
83 100  
85 63.2 51.8 77.6





#31  
Cyclohexane  
Concen: 43.833 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

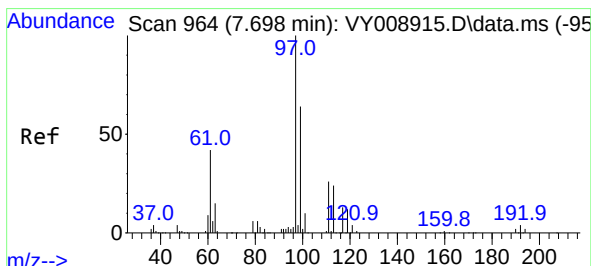
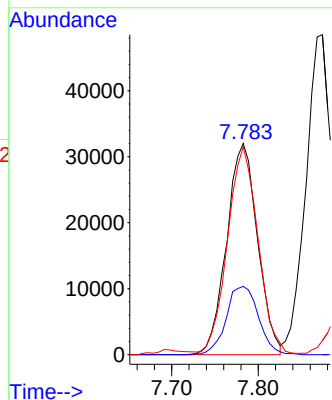
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



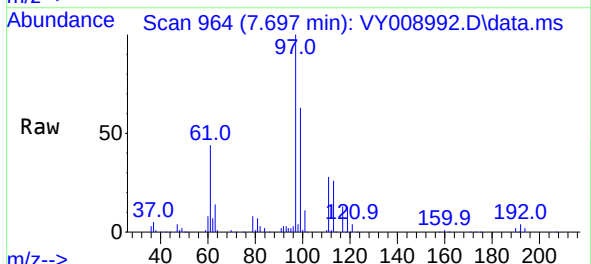
Tgt Ion: 56 Resp: 79468  
Ion Ratio Lower Upper  
56 100  
69 32.4 26.7 40.1  
84 96.9 67.2 100.8

Manual Integrations  
APPROVED

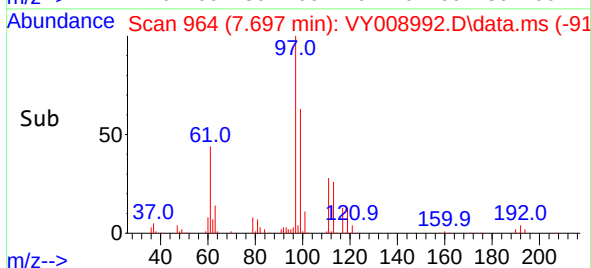
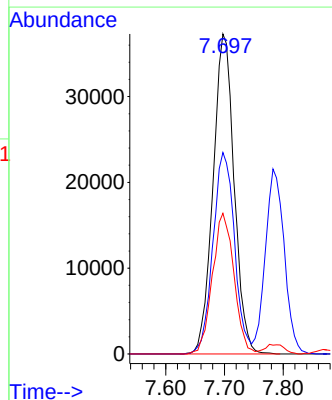
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

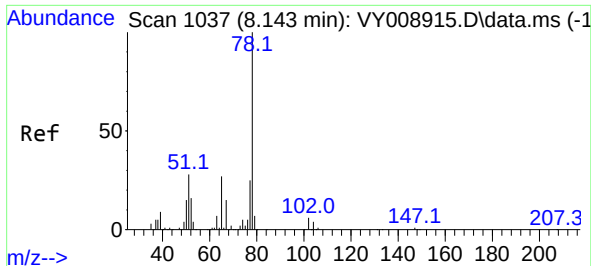


#32  
1,1,1-Trichloroethane  
Concen: 51.790 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



Tgt Ion: 97 Resp: 93023  
Ion Ratio Lower Upper  
97 100  
99 64.4 50.7 76.1  
61 44.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.716 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY008992.D

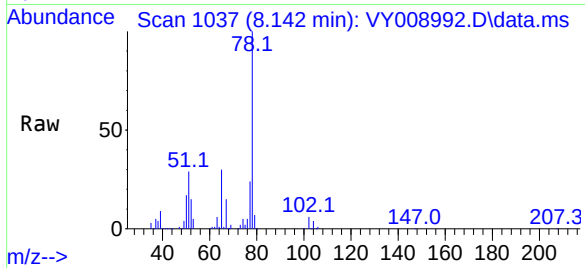
Acq: 22 May 2022 09:17

Instrument :

MSVOA\_Y

ClientSampleId :

P028-SS001-0612-01MSD



Tgt Ion: 65 Resp: 4329

Ion Ratio Lower Upper

65 100

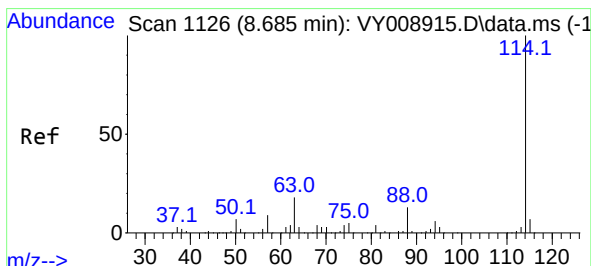
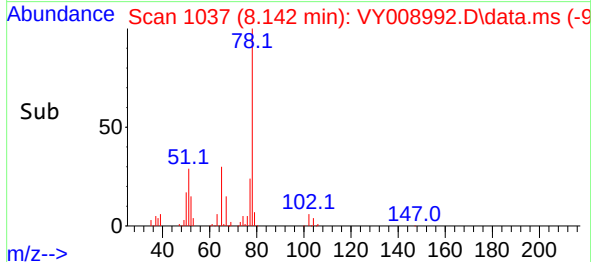
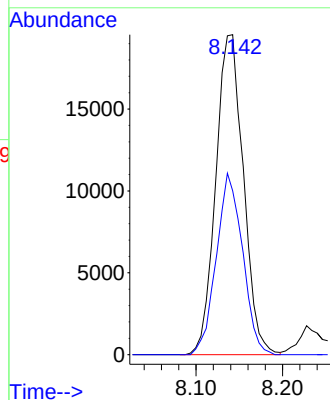
67 53.9 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY008992.D

Acq: 22 May 2022 09:17

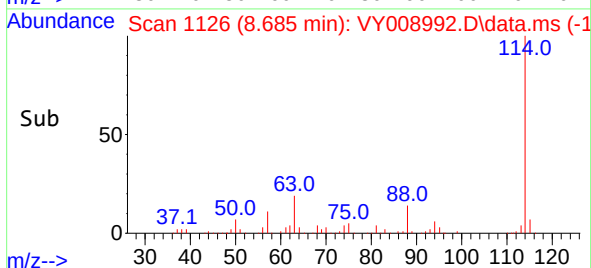
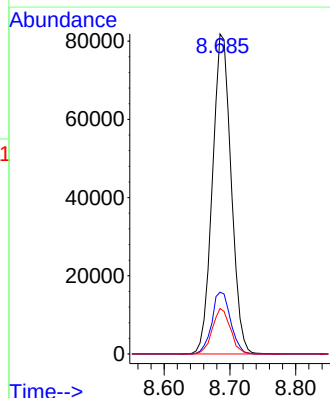
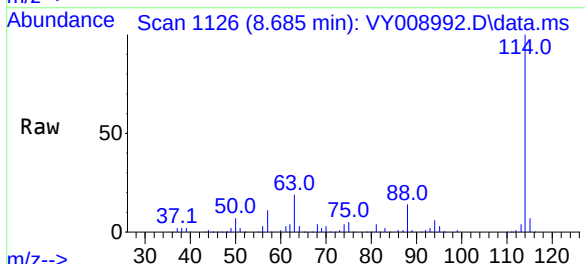
Tgt Ion:114 Resp: 161937

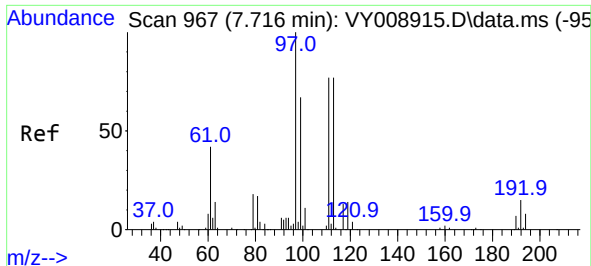
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

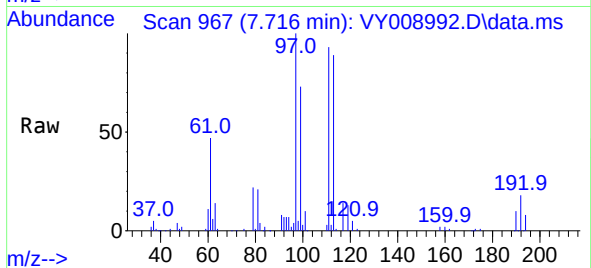
88 14.2 0.0 31.8





#35  
Dibromofluoromethane  
Concen: 42.659 ug/l  
RT: 7.716 min Scan# 901  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

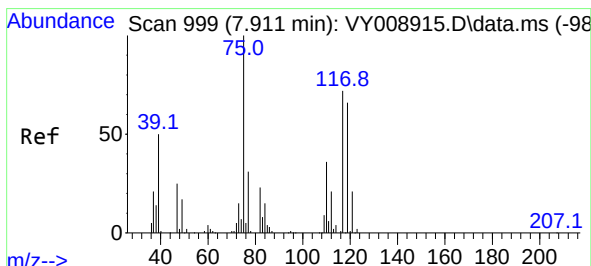
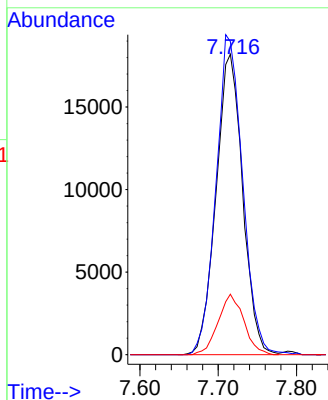
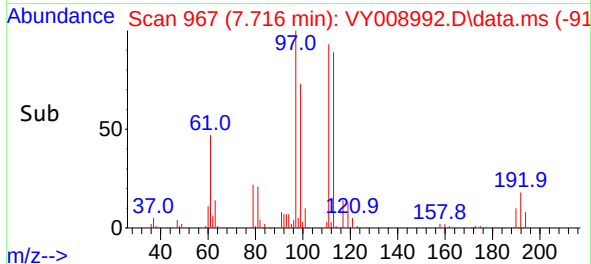
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



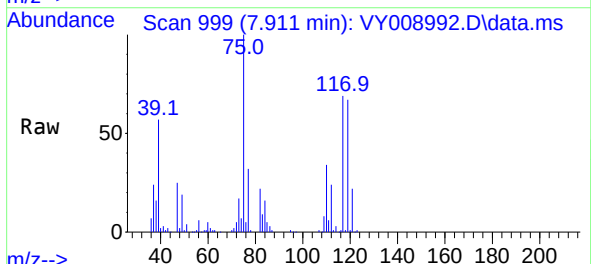
Tgt Ion: 113 Resp: 4295  
Ion Ratio Lower Upper  
113 100  
111 106.6 82.6 124.0  
192 19.4 17.6 26.4

Manual Integrations  
APPROVED

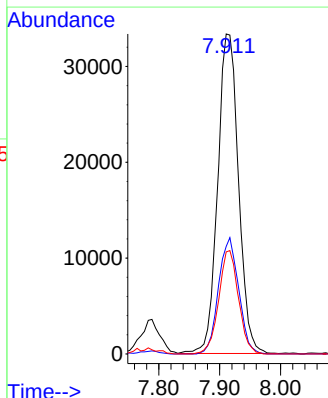
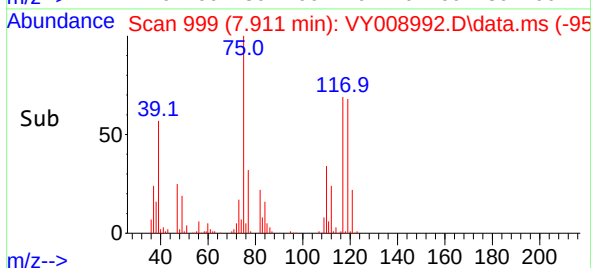
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

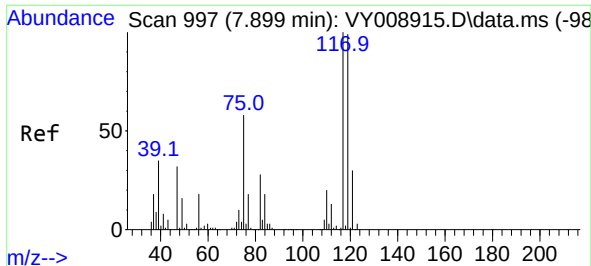


#36  
1,1-Dichloropropene  
Concen: 46.224 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



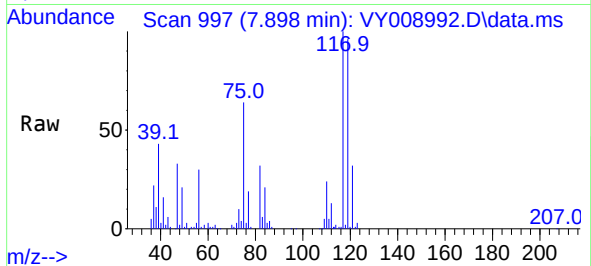
Tgt Ion: 75 Resp: 79214  
Ion Ratio Lower Upper  
75 100  
110 35.2 17.1 51.2  
77 30.8 24.4 36.6





#38  
Carbon Tetrachloride  
Concen: 43.804 ug/l  
RT: 7.898 min Scan# 997  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

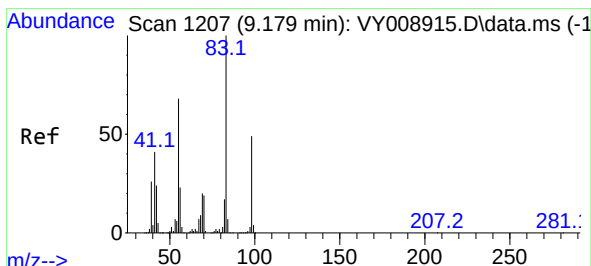
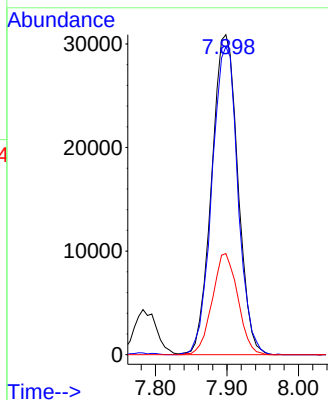
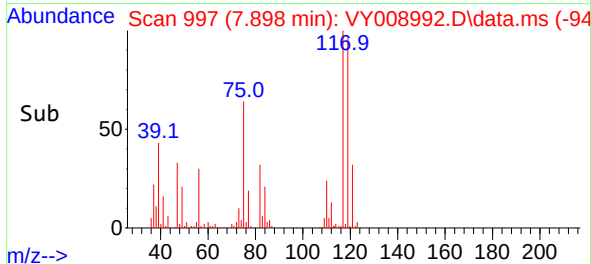
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion: 117 Resp: 7852  
Ion Ratio Lower Upper  
117 100  
119 96.2 77.9 116.9  
121 31.6 24.8 37.2

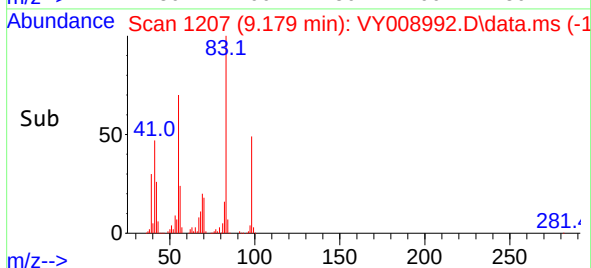
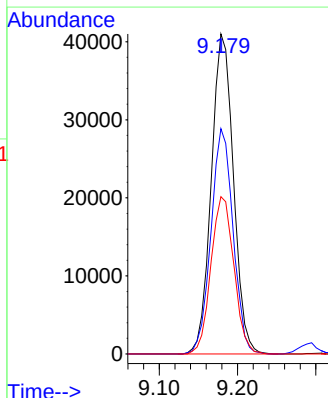
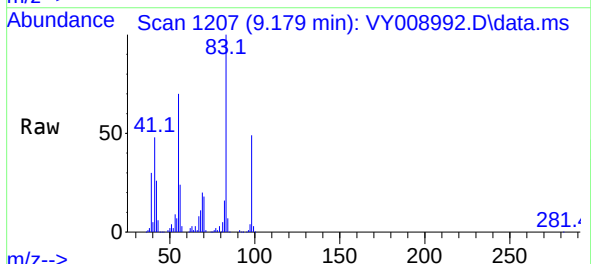
Manual Integrations  
APPROVED

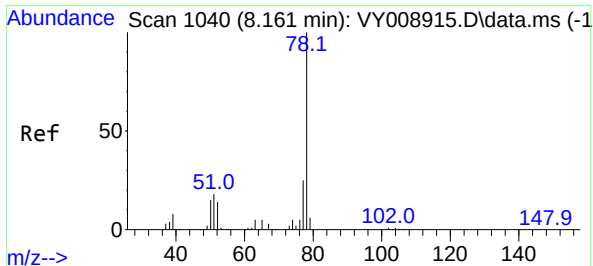
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#39  
Methylcyclohexane  
Concen: 36.443 ug/l  
RT: 9.179 min Scan# 1207  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

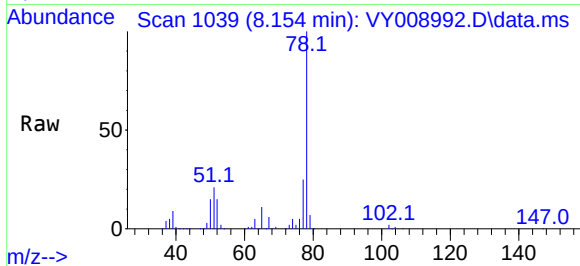
Tgt Ion: 83 Resp: 80613  
Ion Ratio Lower Upper  
83 100  
55 70.4 66.5 99.7  
98 49.2 37.9 56.9





#40  
Benzene  
Concen: 49.225 ug/l  
RT: 8.154 min Scan# 1039  
Delta R.T. -0.007 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

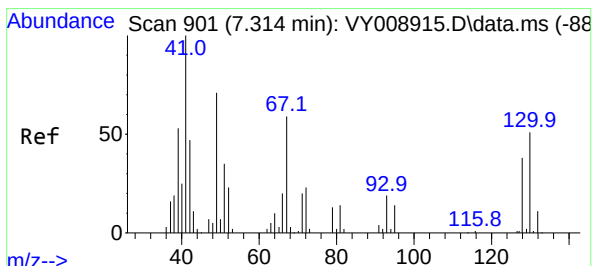
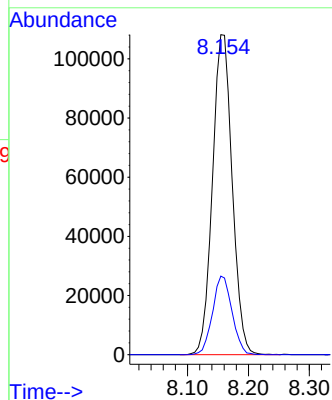
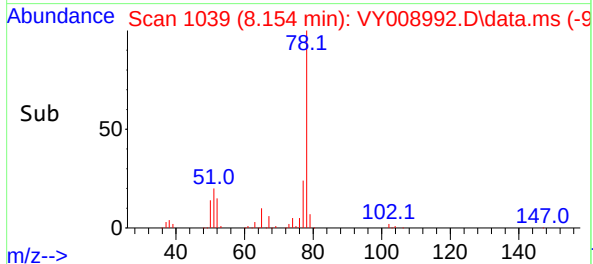
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion: 78 Resp: 24325  
Ion Ratio Lower Upper  
78 100  
77 24.6 20.4 30.6

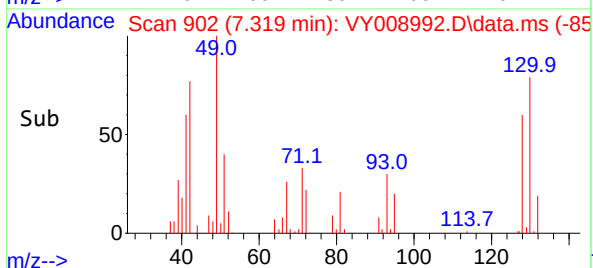
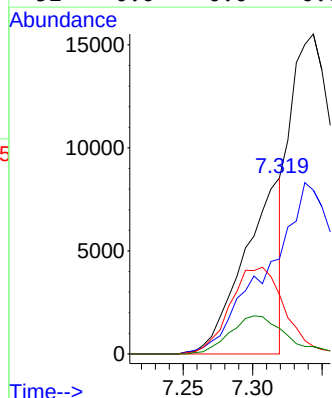
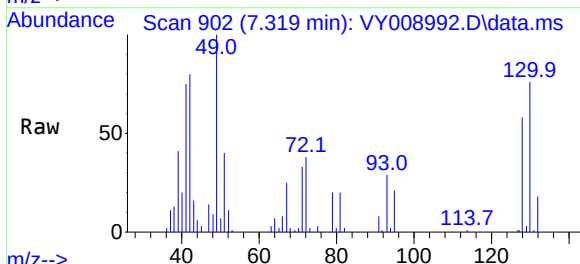
Manual Integrations  
APPROVED

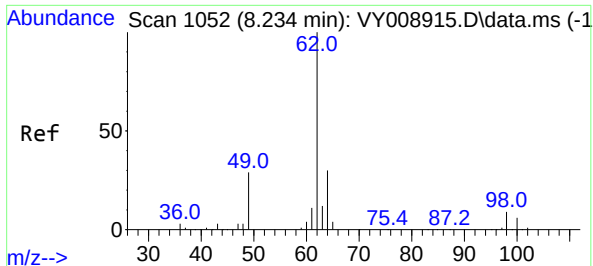
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#41  
Methacrylonitrile  
Concen: 35.235 ug/l m  
RT: 7.319 min Scan# 902  
Delta R.T. 0.005 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

Tgt Ion: 41 Resp: 16163  
Ion Ratio Lower Upper  
41 100  
39 181.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 53.735 ug/l

RT: 8.234 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VY008992.D

Acq: 22 May 2022 09:17

Instrument :

MSVOA\_Y

ClientSampleId :

P028-SS001-0612-01MSD

Tgt Ion: 62 Resp: 7797

Ion Ratio Lower Upper

62 100

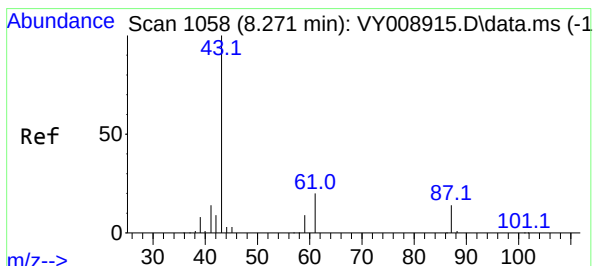
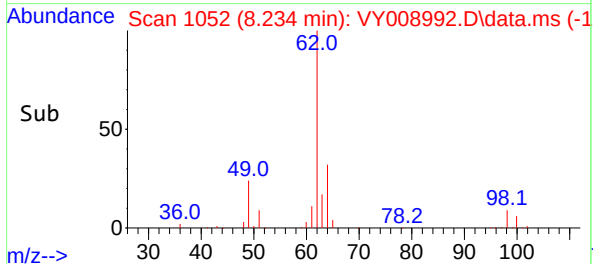
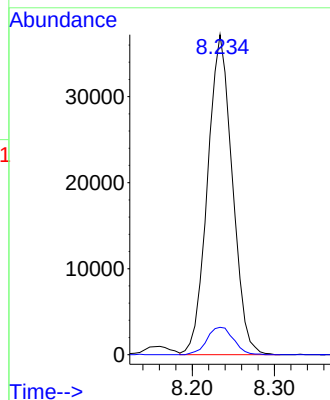
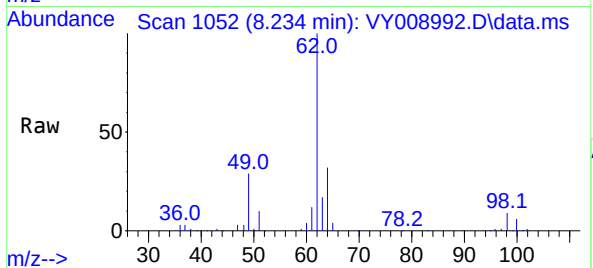
98 9.2 0.0 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#43

Isopropyl Acetate

Concen: 12.625 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. -0.001 min

Lab File: VY008992.D

Acq: 22 May 2022 09:17

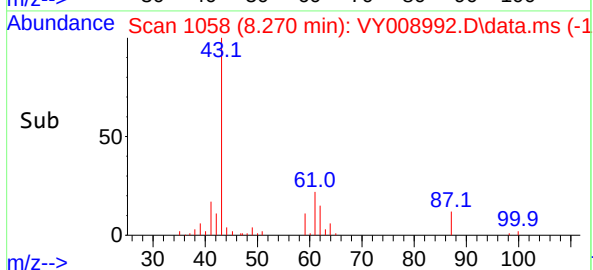
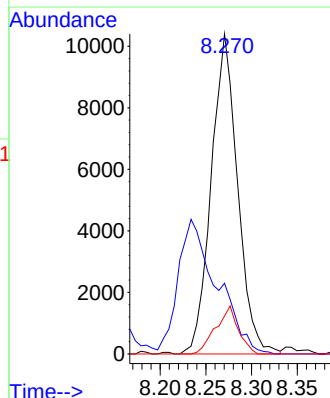
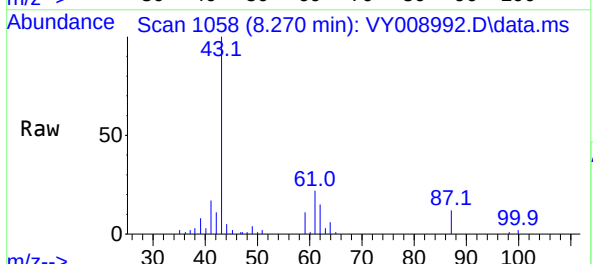
Tgt Ion: 43 Resp: 20868

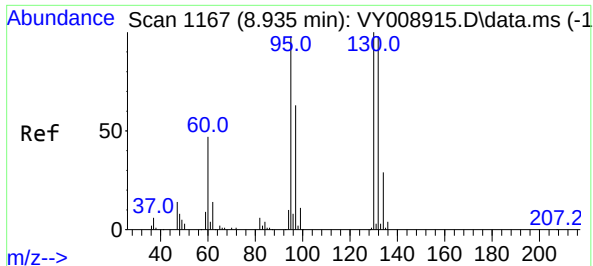
Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2

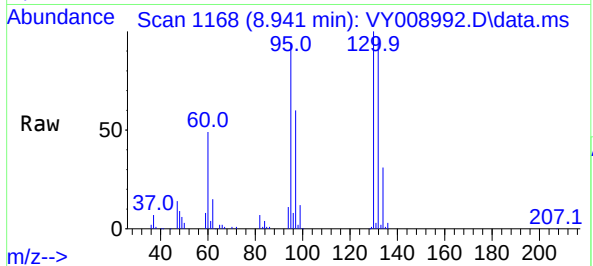
87 12.8 8.9 13.3





#44  
Trichloroethene  
Concen: 48.212 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

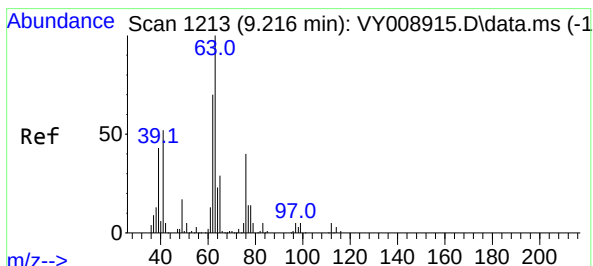
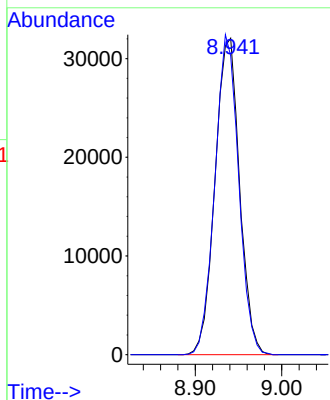
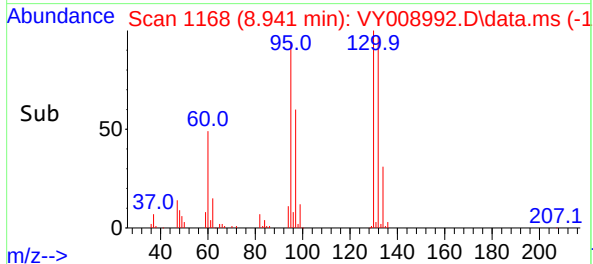
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



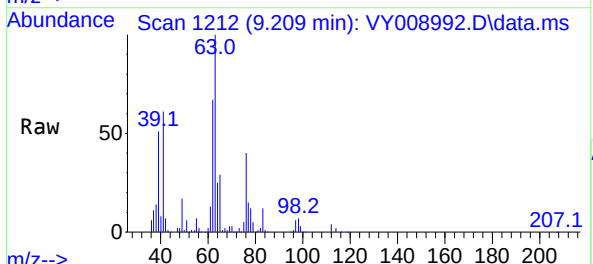
Tgt Ion:130 Resp: 6308  
Ion Ratio Lower Upper  
130 100  
95 94.5 0.0 188.2

Manual Integrations  
APPROVED

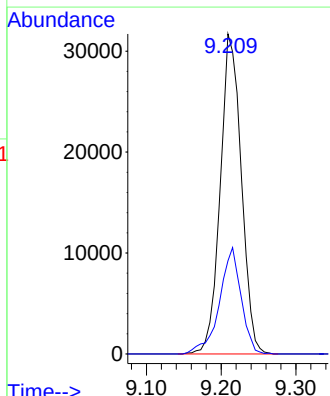
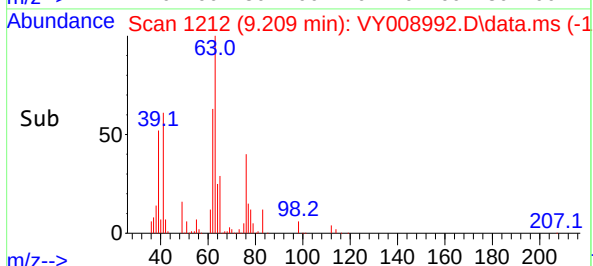
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



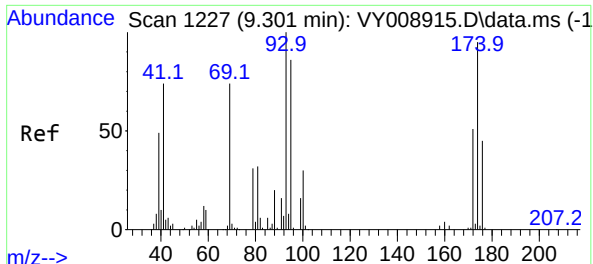
#45  
1,2-Dichloropropane  
Concen: 52.318 ug/l  
RT: 9.209 min Scan# 1212  
Delta R.T. -0.007 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



Tgt Ion: 63 Resp: 62079  
Ion Ratio Lower Upper  
63 100  
65 29.1 23.0 34.6

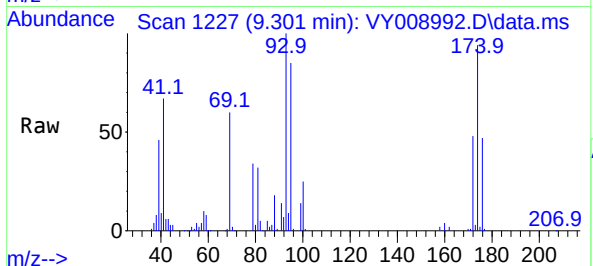






#46  
Dibromomethane  
Concen: 55.871 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

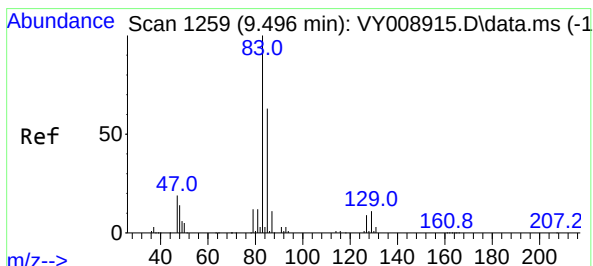
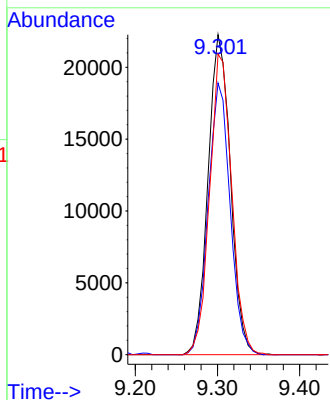
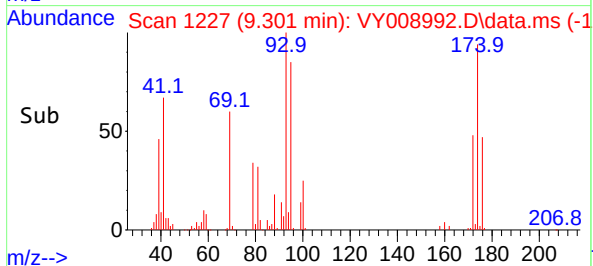
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



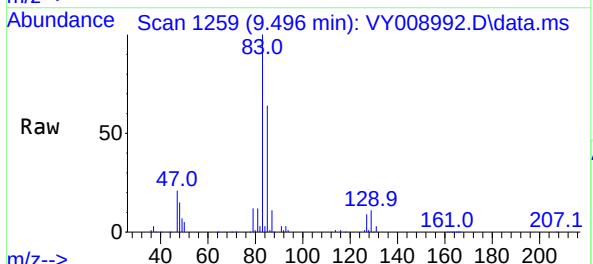
Tgt Ion: 93 Resp: 42154  
Ion Ratio Lower Upper  
93 100  
95 83.5 64.3 96.5  
174 92.5 83.4 125.0

Manual Integrations  
APPROVED

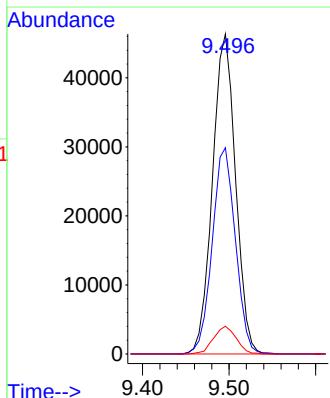
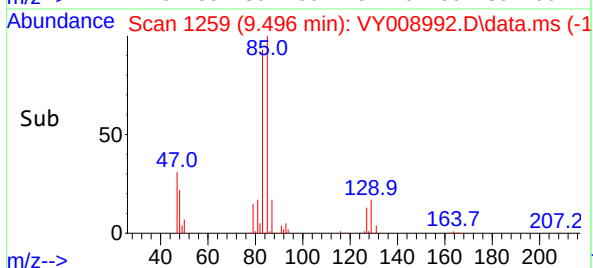
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

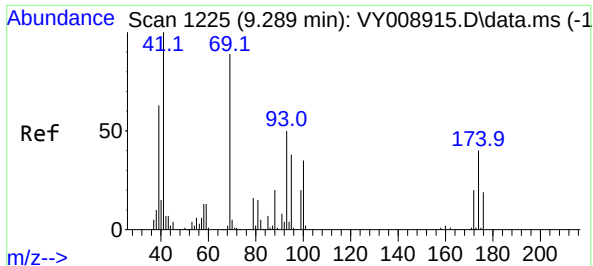


#47  
Bromodichloromethane  
Concen: 49.681 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



Tgt Ion: 83 Resp: 85666  
Ion Ratio Lower Upper  
83 100  
85 64.4 51.9 77.9  
127 8.7 6.6 10.0





#48

Methyl methacrylate

Concen: 50.125 ug/l

RT: 9.288 min Scan# 1225

Delta R.T. -0.001 min

Lab File: VY008992.D

Acq: 22 May 2022 09:17

Instrument :

MSVOA\_Y

ClientSampleId :

P028-SS001-0612-01MSD

Tgt Ion: 41 Resp: 36990

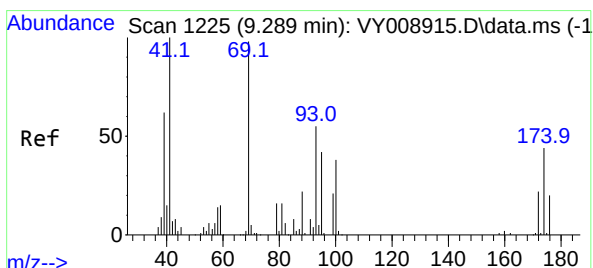
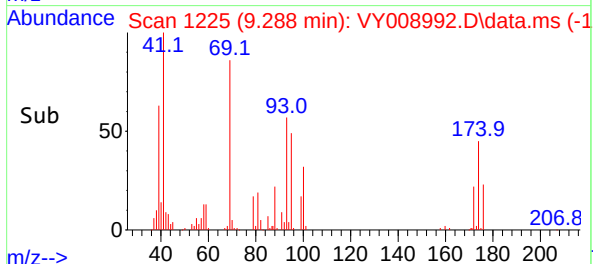
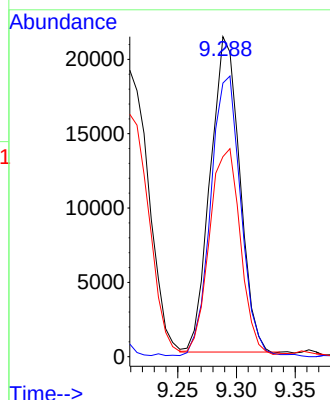
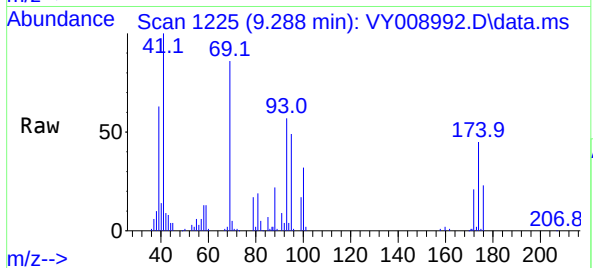
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 91.8  | 58.2  | 87.2  |
| 39  | 70.8  | 47.4  | 71.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#49

1,4-Dioxane

Concen: 1096.294 ug/l

RT: 9.295 min Scan# 1226

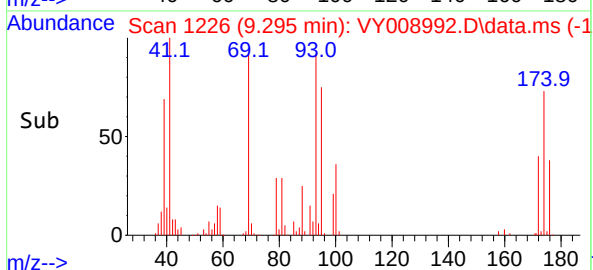
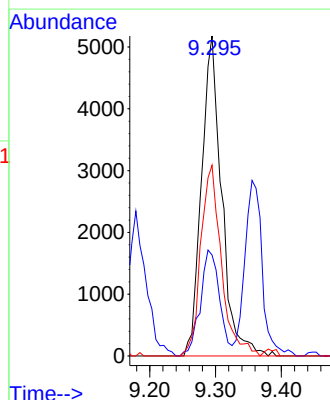
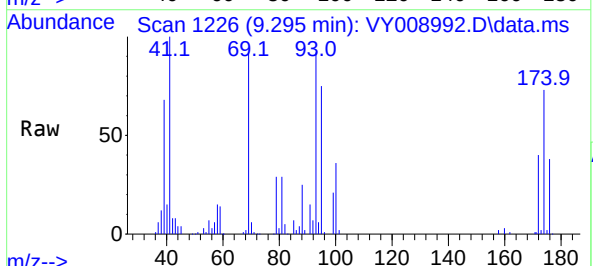
Delta R.T. 0.006 min

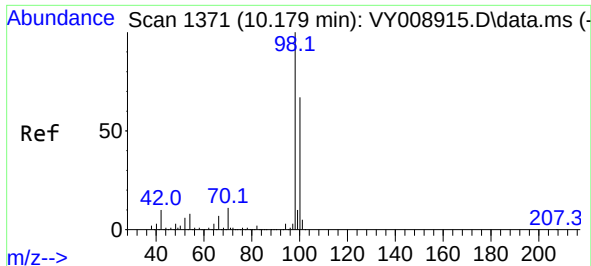
Lab File: VY008992.D

Acq: 22 May 2022 09:17

Tgt Ion: 88 Resp: 11057

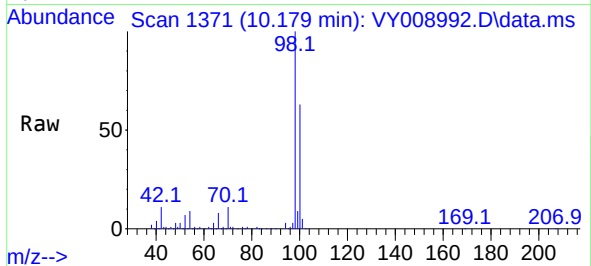
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 31.7  | 32.8  | 49.2  |
| 58  | 61.0  | 59.8  | 89.6  |





#50  
Toluene-d8  
Concen: 37.348 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

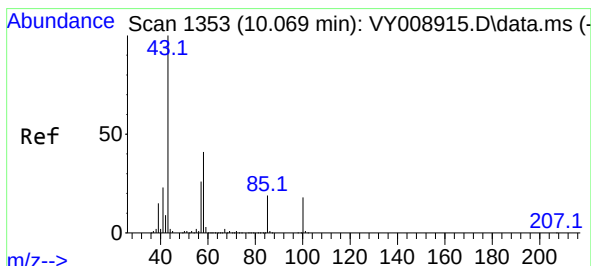
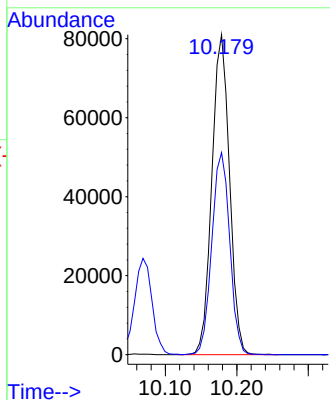
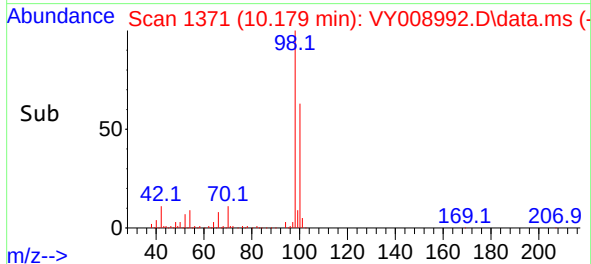
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



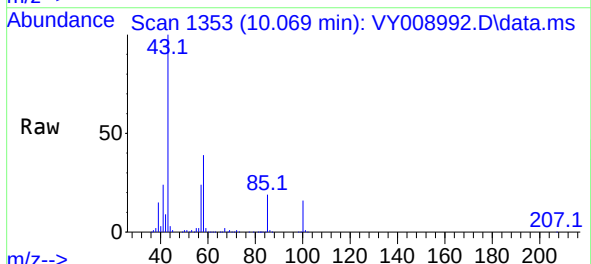
Tgt Ion: 98 Resp: 138740  
Ion Ratio Lower Upper  
98 100  
100 64.2 50.2 75.2

Manual Integrations  
APPROVED

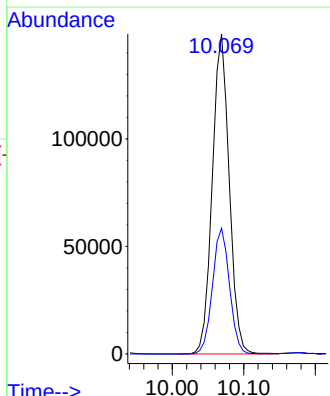
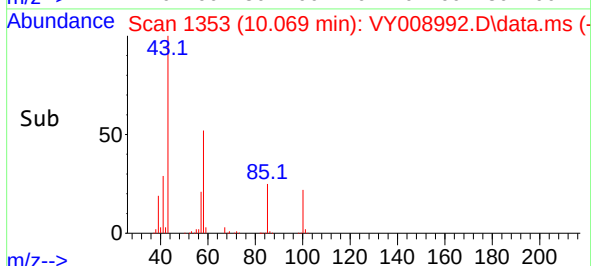
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

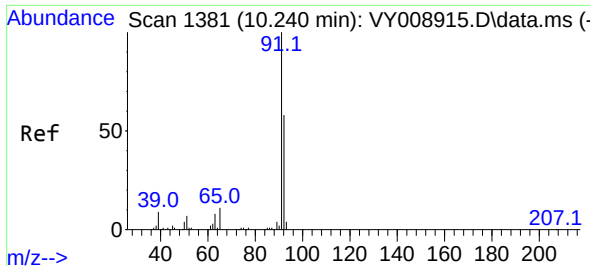


#51  
4-Methyl-2-Pentanone  
Concen: 266.725 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



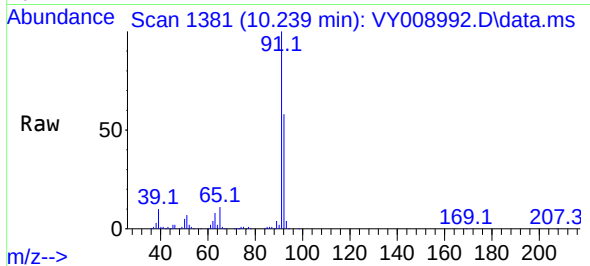
Tgt Ion: 43 Resp: 243994  
Ion Ratio Lower Upper  
43 100  
58 39.5 28.1 42.1





#52  
Toluene  
Concen: 47.605 ug/l  
RT: 10.239 min Scan# 1381  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

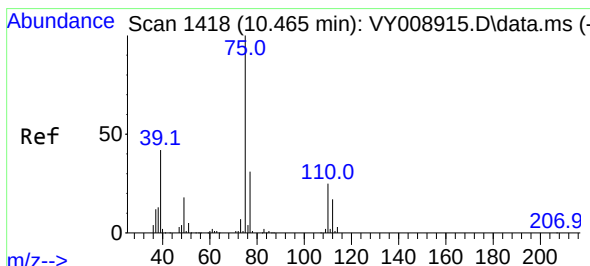
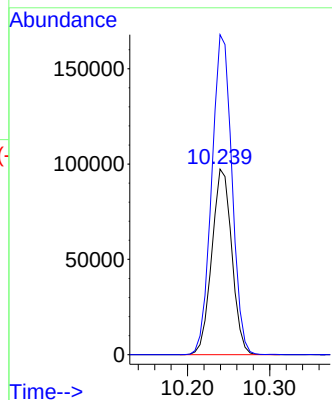
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion: 92 Resp: 164402  
Ion Ratio Lower Upper  
92 100  
91 174.4 142.6 213.8

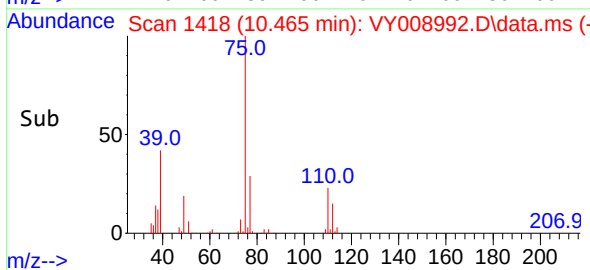
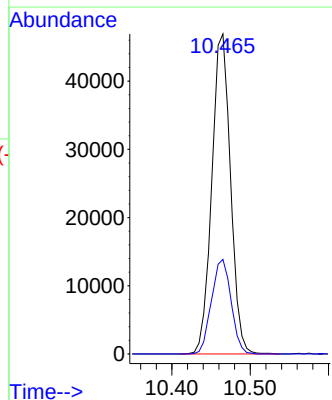
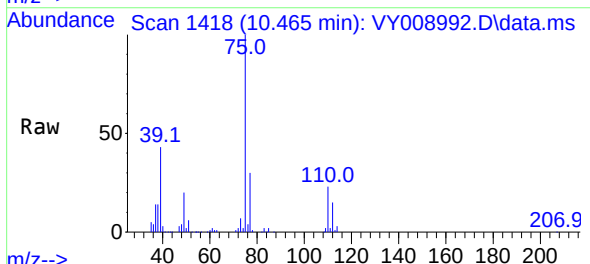
Manual Integrations  
APPROVED

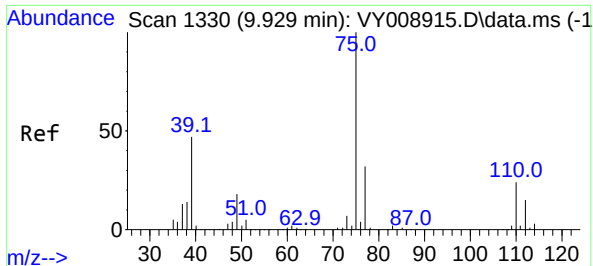
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#53  
t-1,3-Dichloropropene  
Concen: 42.500 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

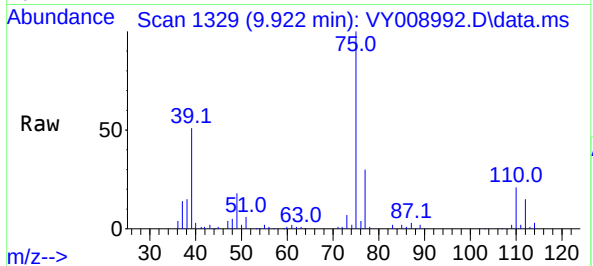
Tgt Ion: 75 Resp: 77822  
Ion Ratio Lower Upper  
75 100  
77 29.5 25.4 38.2





#54  
cis-1,3-Dichloropropene  
Concen: 39.419 ug/l  
RT: 9.922 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

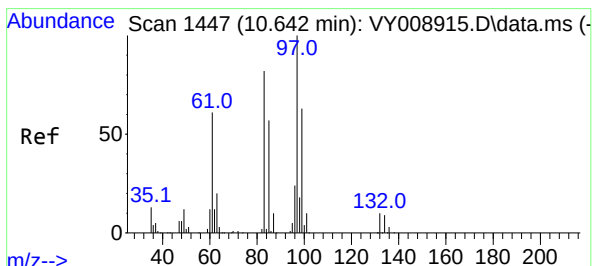
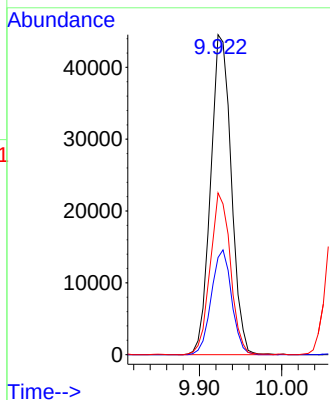
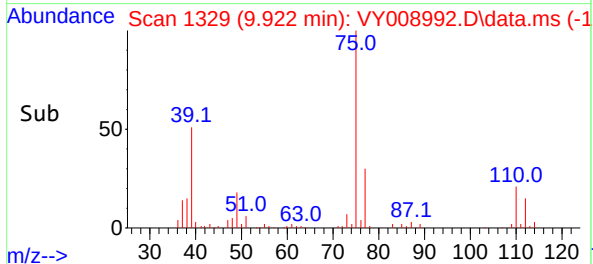
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion: 75 Resp: 77590  
Ion Ratio Lower Upper  
75 100  
77 30.3 25.6 38.4  
39 50.5 47.6 71.4

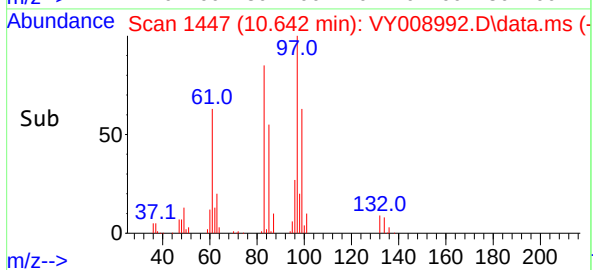
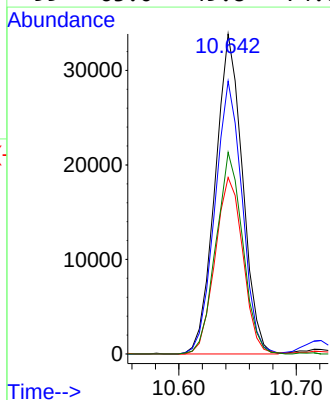
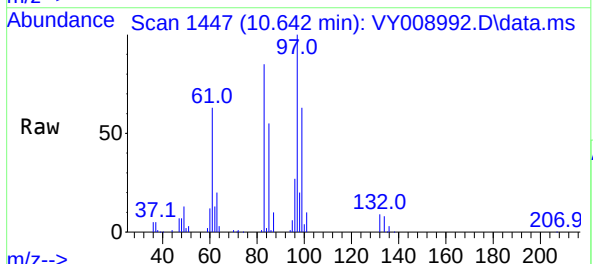
Manual Integrations  
APPROVED

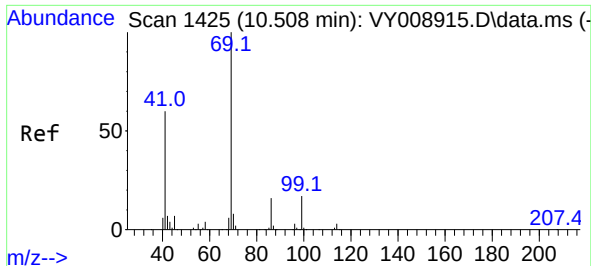
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#55  
1,1,2-Trichloroethane  
Concen: 51.872 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

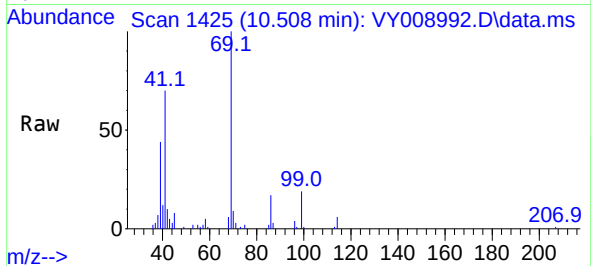
Tgt Ion: 97 Resp: 54754  
Ion Ratio Lower Upper  
97 100  
83 85.3 69.8 104.8  
85 55.1 44.3 66.5  
99 63.0 49.8 74.6





#56  
Ethyl methacrylate  
Concen: 9.794 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

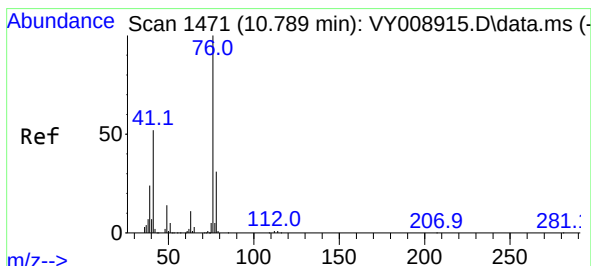
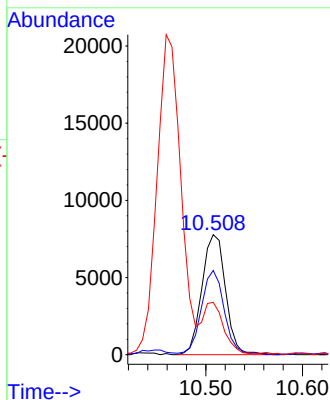
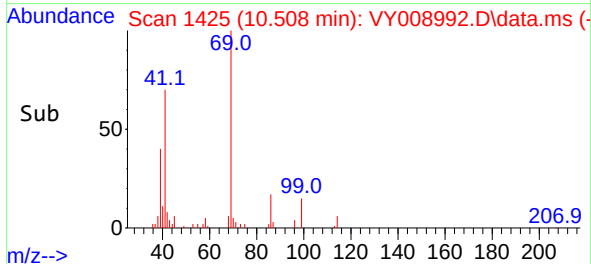
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion: 69 Resp: 1321  
Ion Ratio Lower Upper  
69 100  
41 68.2 63.4 95.0  
39 33.0 35.8 53.8

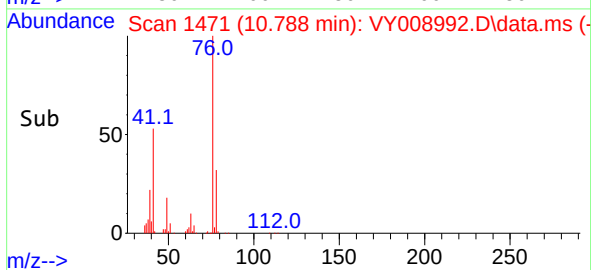
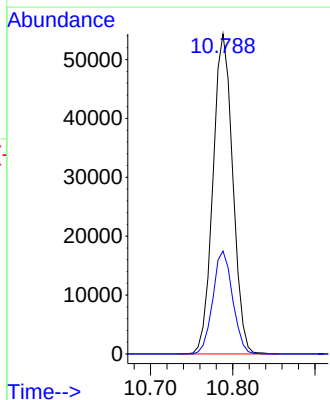
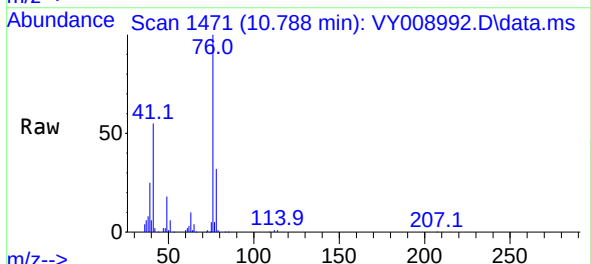
Manual Integrations  
APPROVED

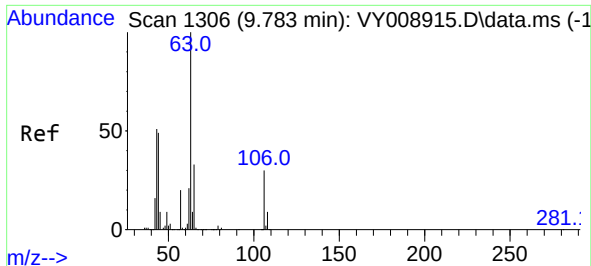
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#57  
1,3-Dichloropropane  
Concen: 52.713 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

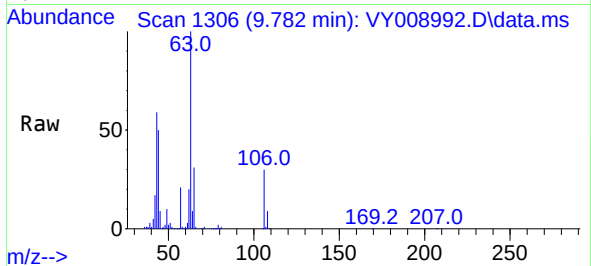
Tgt Ion: 76 Resp: 90766  
Ion Ratio Lower Upper  
76 100  
78 32.0 25.0 37.6





#58  
2-Chloroethyl Vinyl ether  
Concen: 258.837 ug/l  
RT: 9.782 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

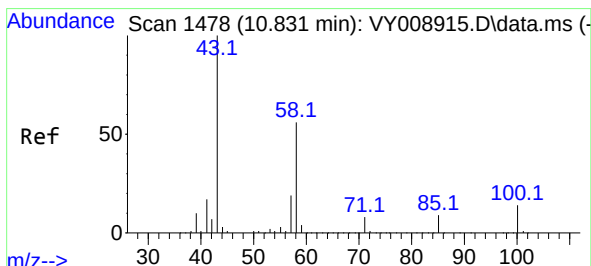
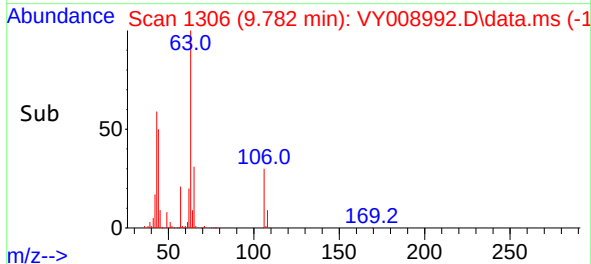
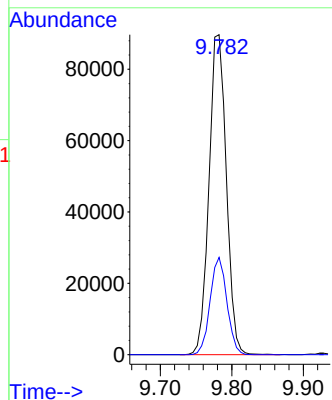
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion: 63 Resp: 15112  
Ion Ratio Lower Upper  
63 100  
106 29.4 21.5 32.3

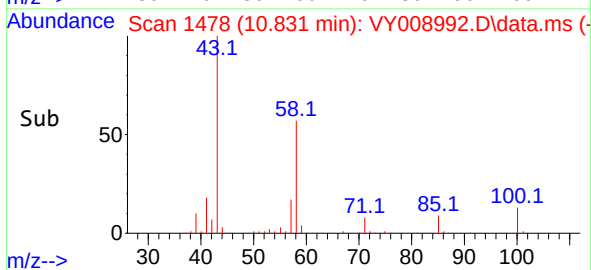
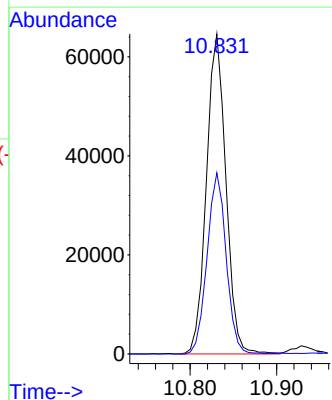
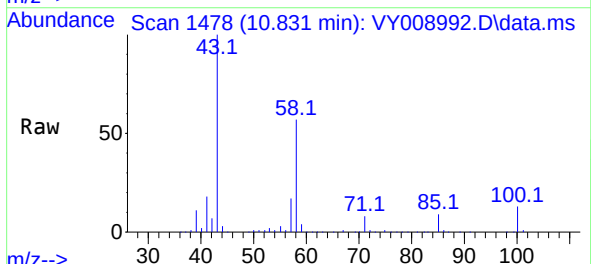
Manual Integrations  
APPROVED

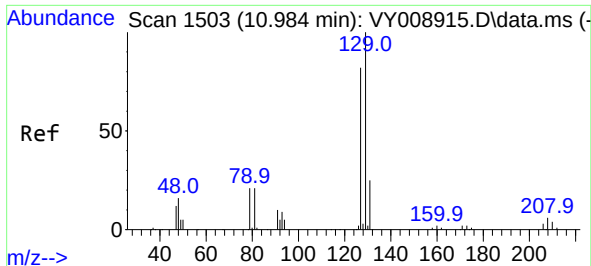
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#59  
2-Hexanone  
Concen: 161.342 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

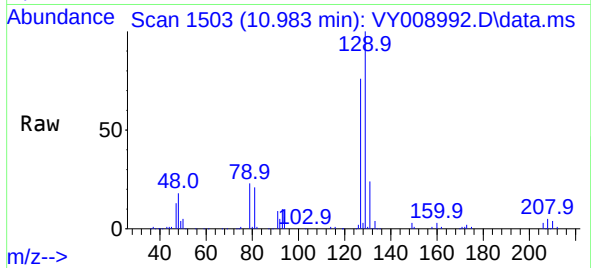
Tgt Ion: 43 Resp: 101052  
Ion Ratio Lower Upper  
43 100  
58 55.4 24.4 73.4





#60  
Dibromochloromethane  
Concen: 48.672 ug/l  
RT: 10.983 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

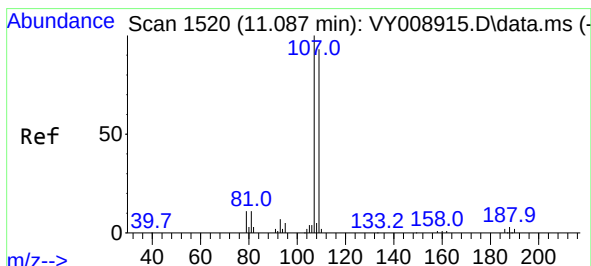
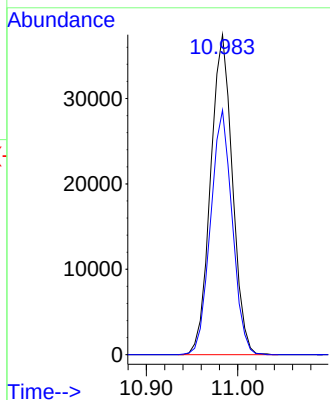
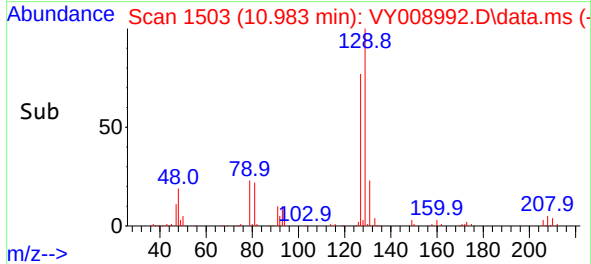
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



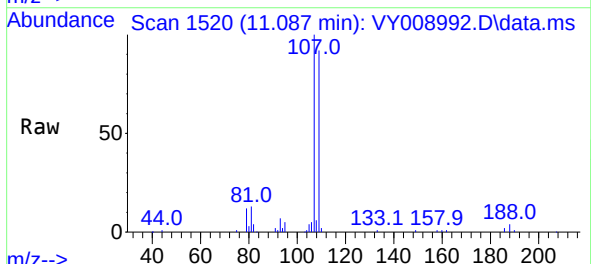
Tgt Ion:129 Resp: 62279  
Ion Ratio Lower Upper  
129 100  
127 75.7 38.7 116.1

Manual Integrations  
APPROVED

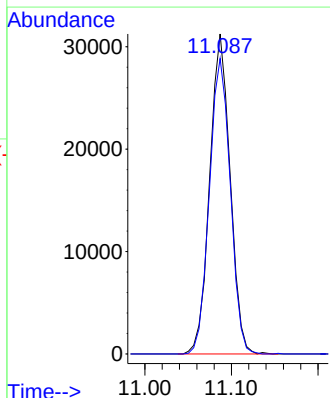
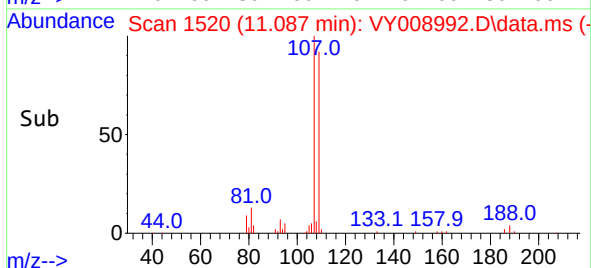
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



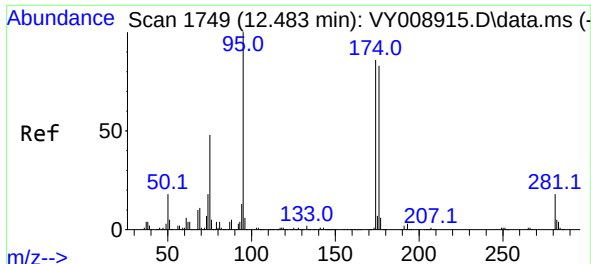
#61  
1,2-Dibromoethane  
Concen: 48.859 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



Tgt Ion:107 Resp: 51106  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.4 113.2

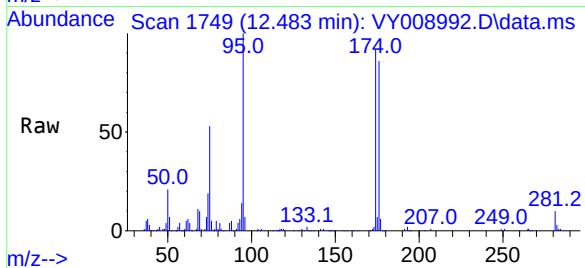






#62  
4-Bromofluorobenzene  
Concen: 41.970 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

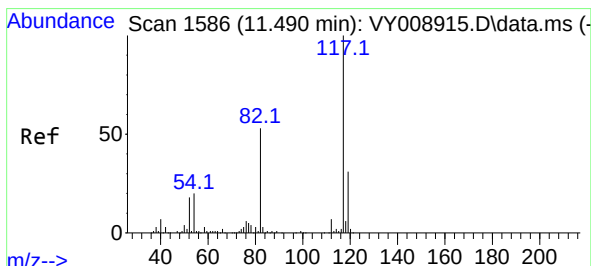
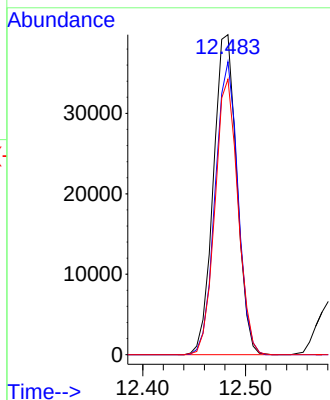
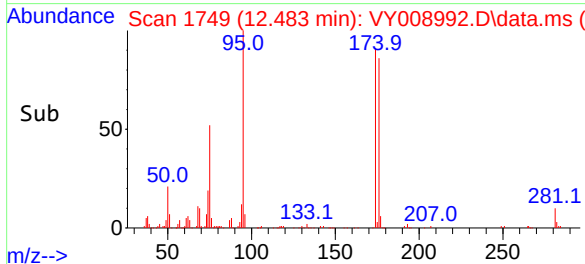
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



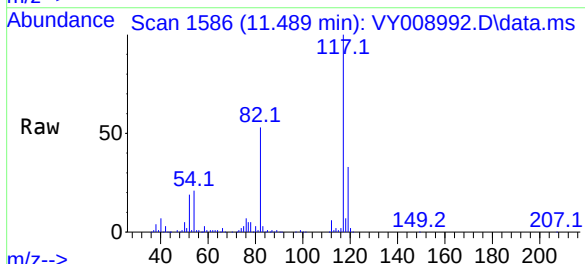
Tgt Ion: 95 Resp: 6289  
Ion Ratio Lower Upper  
95 100  
174 88.7 0.0 177.0  
176 84.1 0.0 175.8

Manual Integrations  
APPROVED

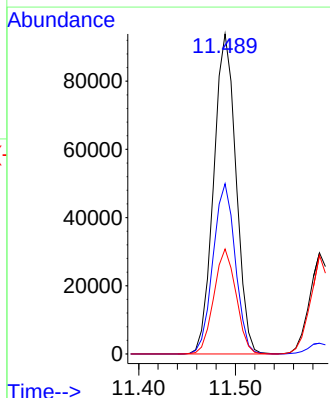
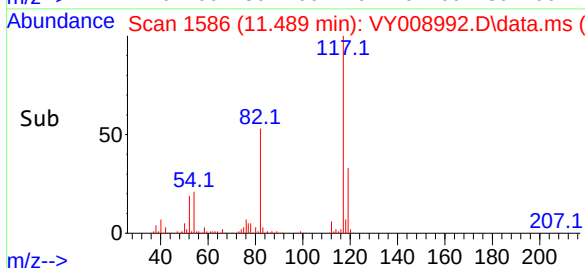
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

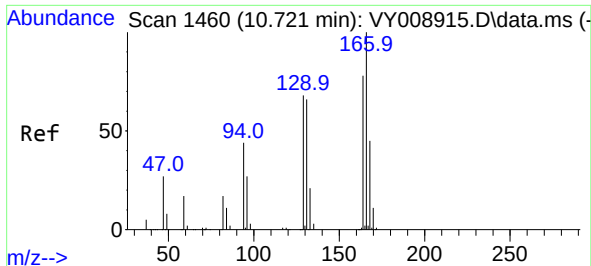


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



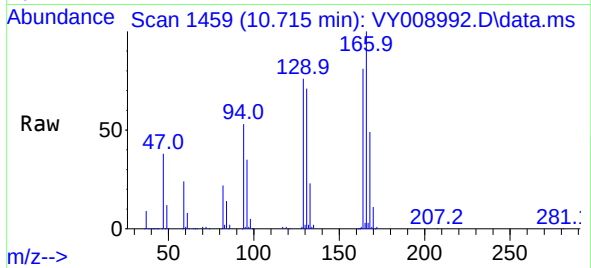
Tgt Ion:117 Resp: 150587  
Ion Ratio Lower Upper  
117 100  
82 53.2 43.0 64.4  
119 32.8 25.4 38.0





#64  
Tetrachloroethene  
Concen: 71.924 ug/l  
RT: 10.715 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

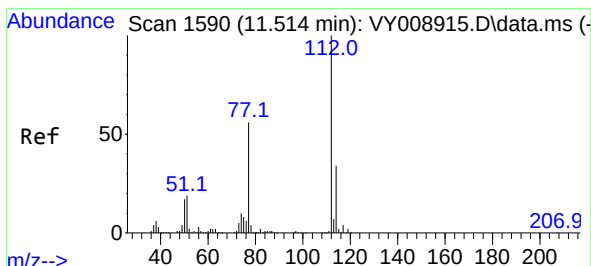
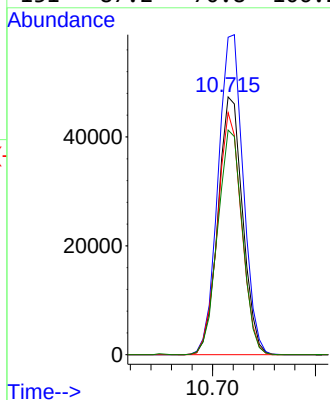
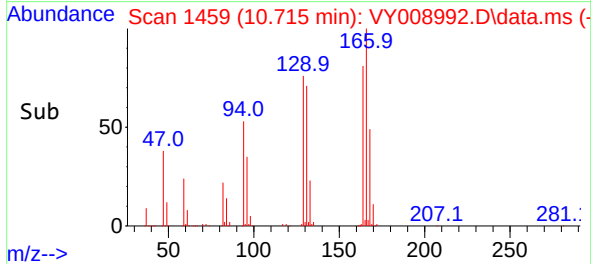
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion:164 Resp: 78834  
Ion Ratio Lower Upper  
164 100  
166 123.2 100.4 150.6  
129 94.0 71.4 107.0  
131 87.2 70.8 106.2

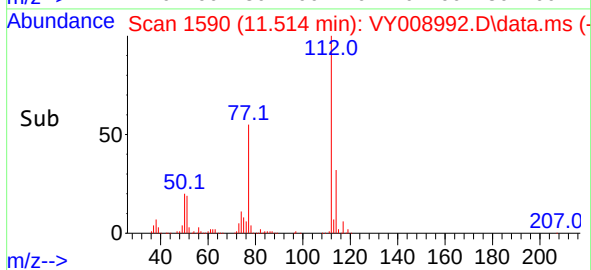
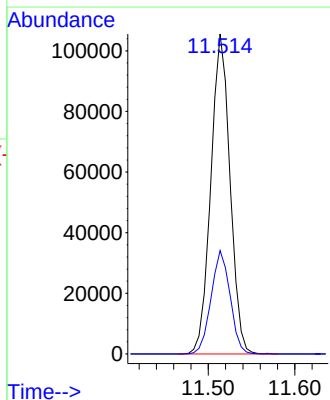
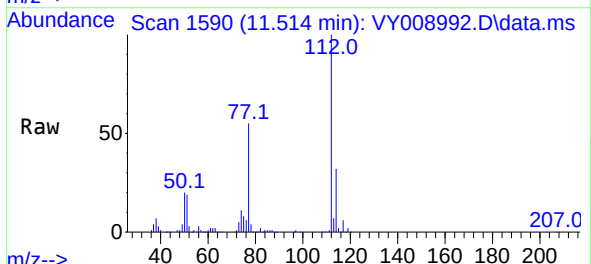
Manual Integrations  
APPROVED

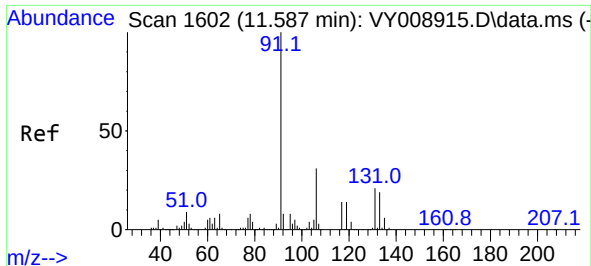
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#65  
Chlorobenzene  
Concen: 46.929 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

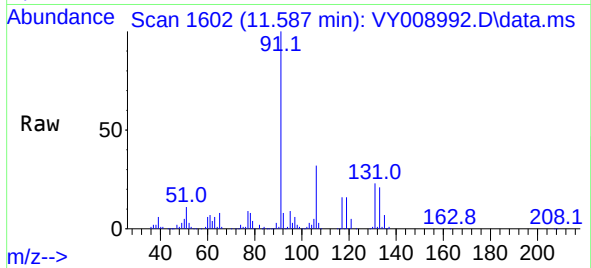
Tgt Ion:112 Resp: 162201  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.8 38.6





#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.783 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

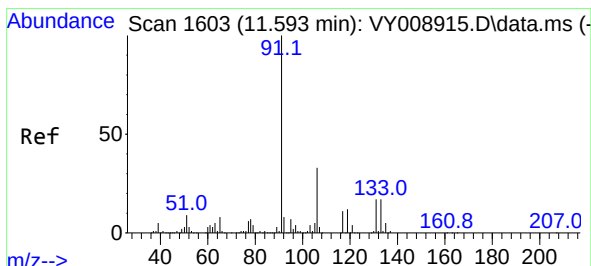
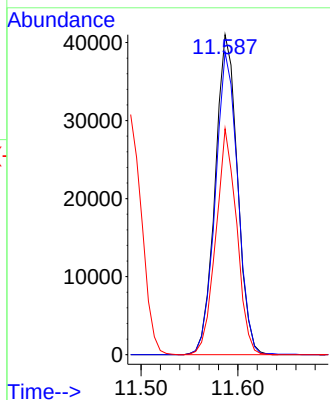
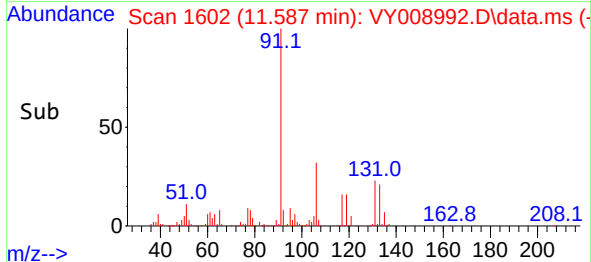
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



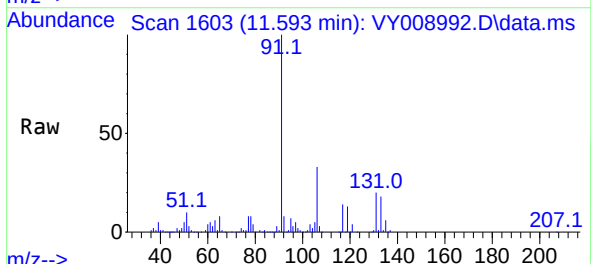
Tgt Ion:131 Resp: 65530  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.9 143.6  
119 66.1 30.8 92.3

Manual Integrations  
APPROVED

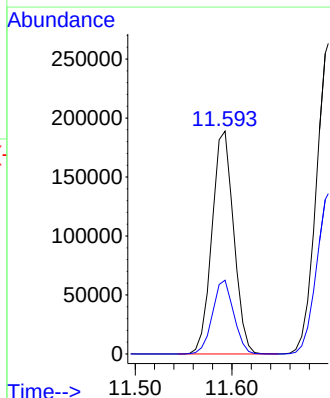
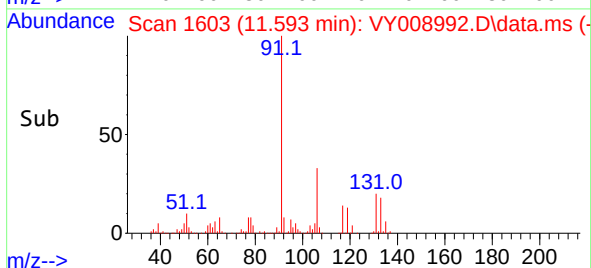
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

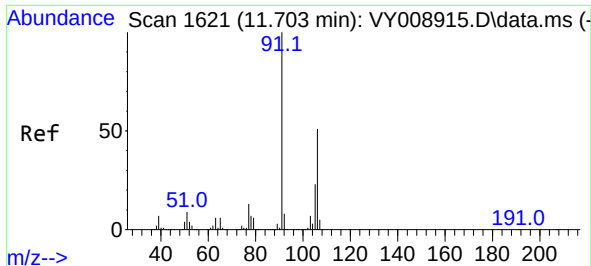


#67  
Ethyl Benzene  
Concen: 47.223 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



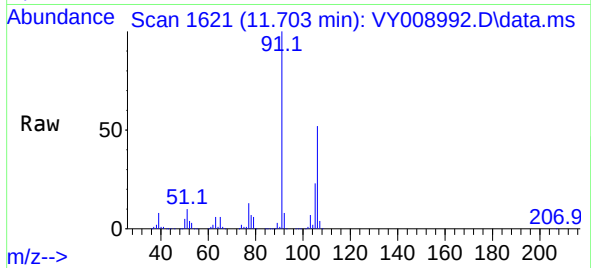
Tgt Ion: 91 Resp: 294141  
Ion Ratio Lower Upper  
91 100  
106 33.1 24.5 36.7





#68  
m/p-Xylenes  
Concen: 98.110 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

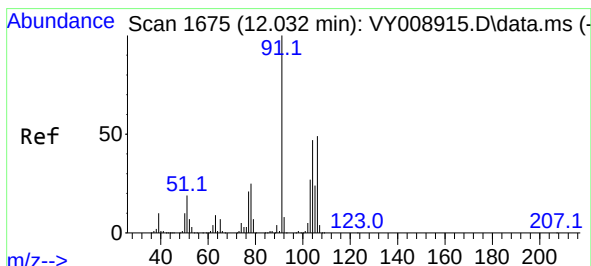
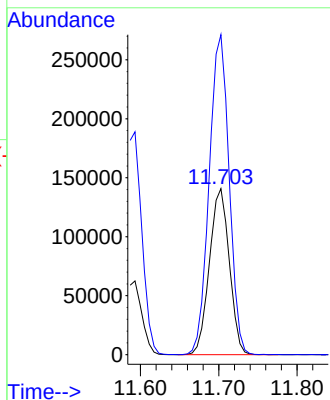
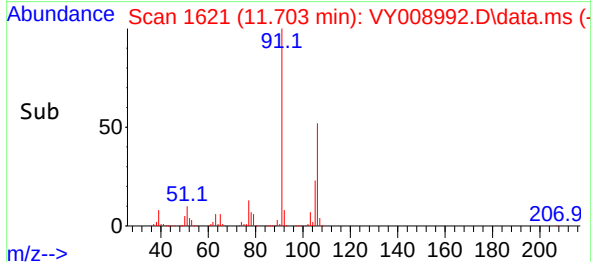
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



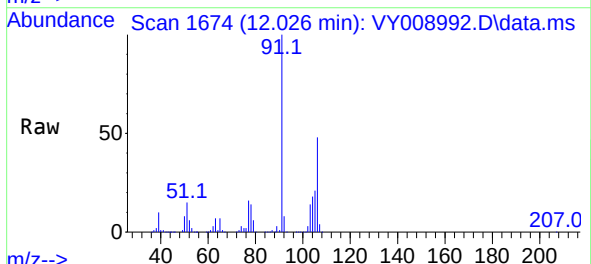
Tgt Ion:106 Resp: 24807  
Ion Ratio Lower Upper  
106 100  
91 193.3 166.6 249.8

Manual Integrations  
APPROVED

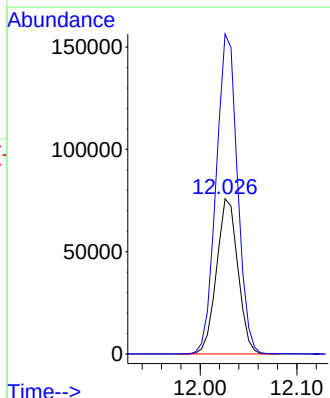
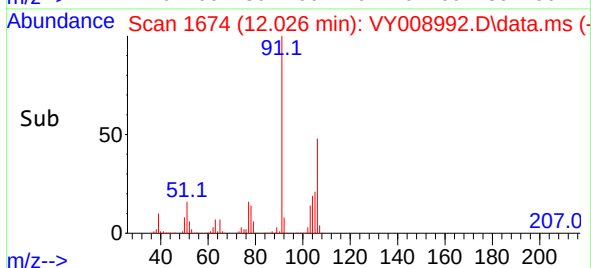
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

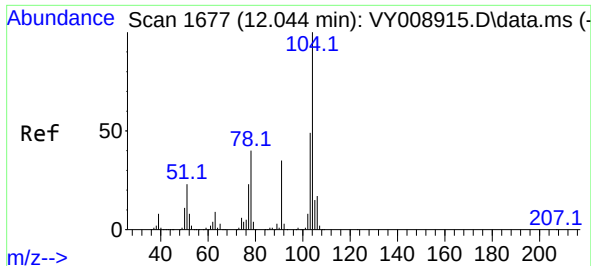


#69  
o-Xylene  
Concen: 49.477 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.006 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



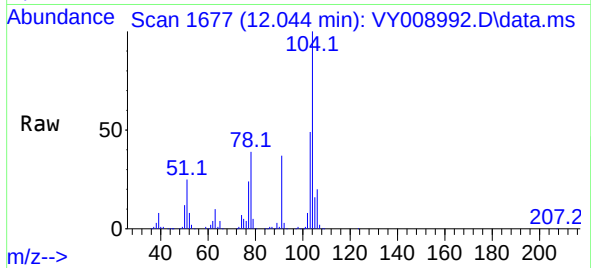
Tgt Ion:106 Resp: 116177  
Ion Ratio Lower Upper  
106 100  
91 206.1 110.3 331.0





#70  
Styrene  
Concen: 40.646 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

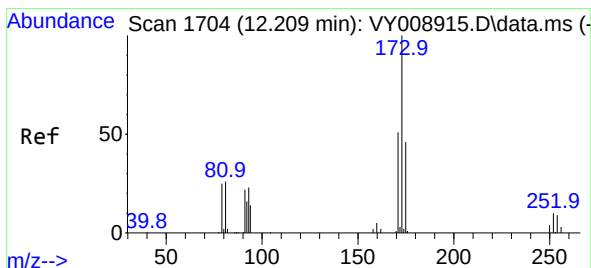
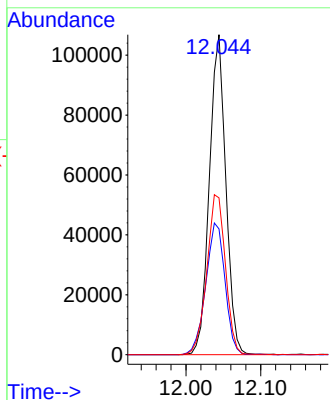
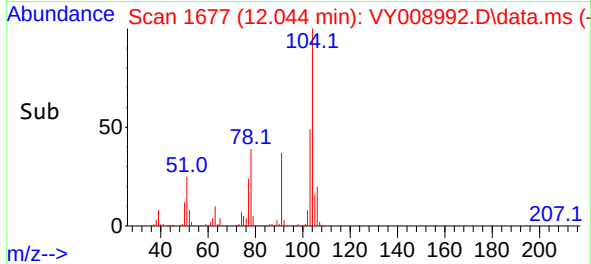
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



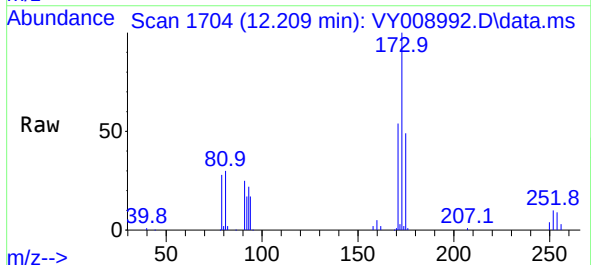
Tgt Ion:104 Resp: 16413  
Ion Ratio Lower Upper  
104 100  
78 47.9 42.4 63.6  
103 56.5 44.4 66.6

Manual Integrations  
APPROVED

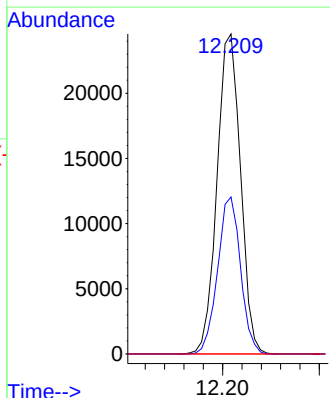
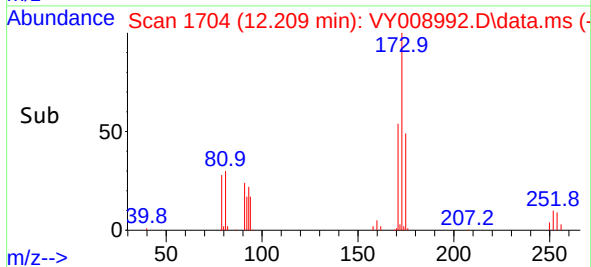
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

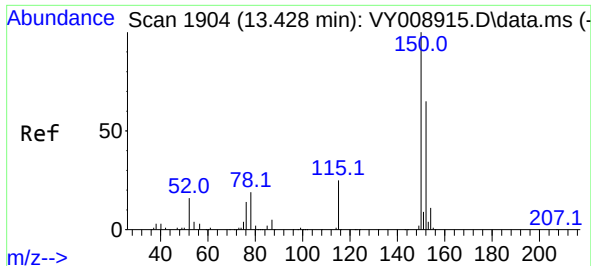


#71  
Bromoform  
Concen: 49.300 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



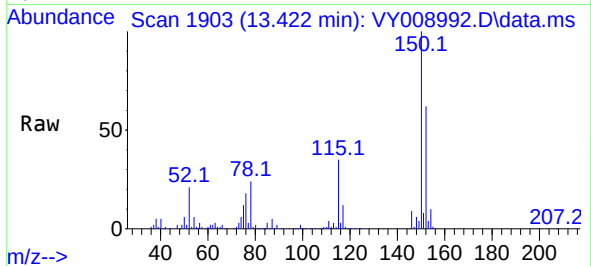
Tgt Ion:173 Resp: 41361  
Ion Ratio Lower Upper  
173 100  
175 47.8 24.6 74.0  
254 0.0 0.0 0.0





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1904  
Delta R.T. -0.006 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

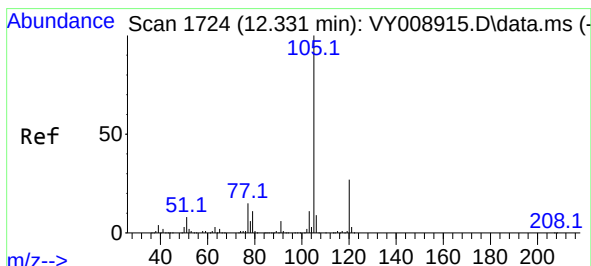
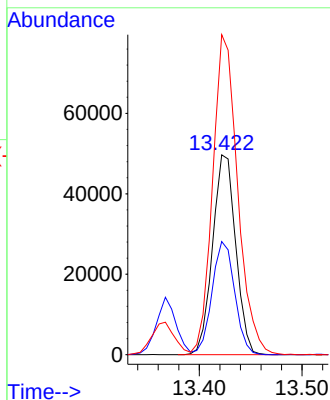
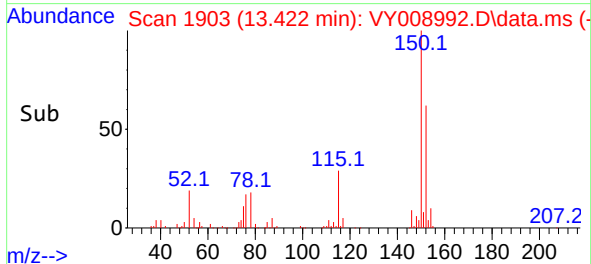
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



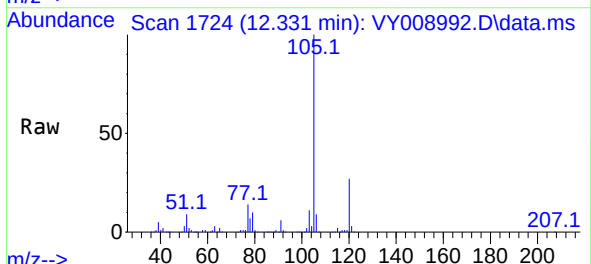
Tgt Ion:152 Resp: 77460  
Ion Ratio Lower Upper  
152 100  
115 55.6 28.2 84.7  
150 173.5 0.0 347.6

Manual Integrations  
APPROVED

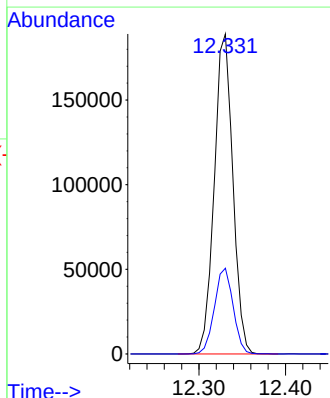
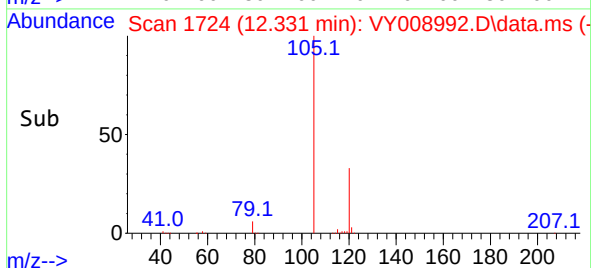
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

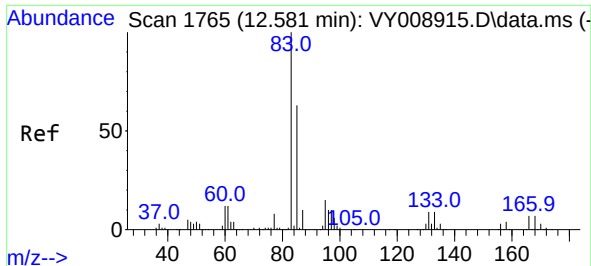


#73  
Isopropylbenzene  
Concen: 48.584 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



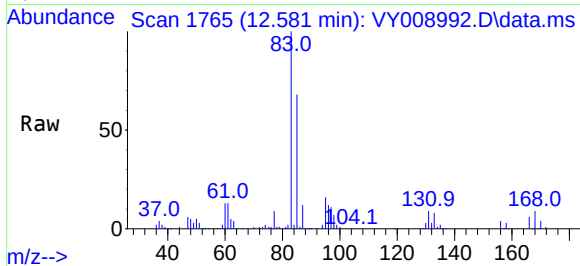
Tgt Ion:105 Resp: 281399  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.4 40.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 56.605 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

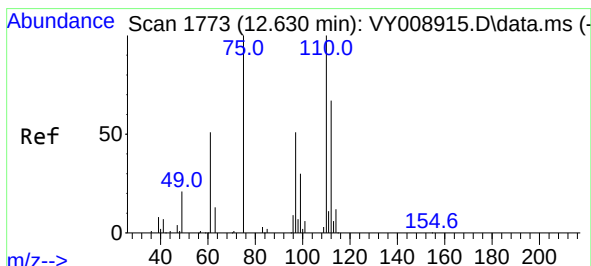
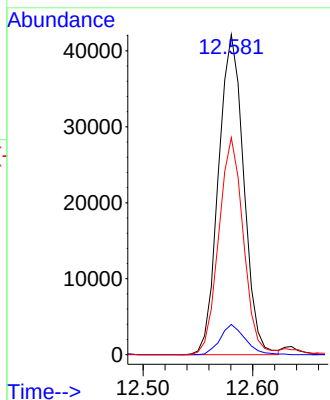
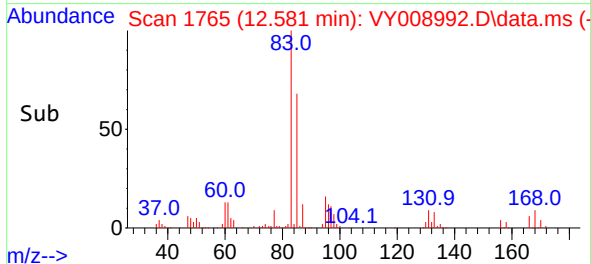
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



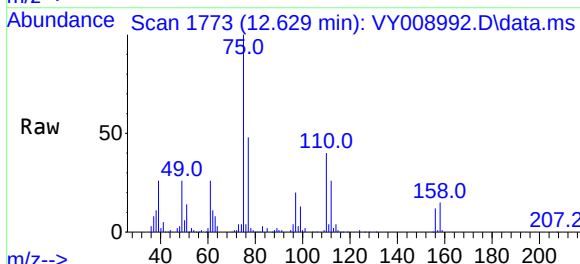
Tgt Ion: 83 Resp: 67538  
Ion Ratio Lower Upper  
83 100  
131 9.4 5.6 16.8  
85 66.0 32.3 96.8

Manual Integrations  
APPROVED

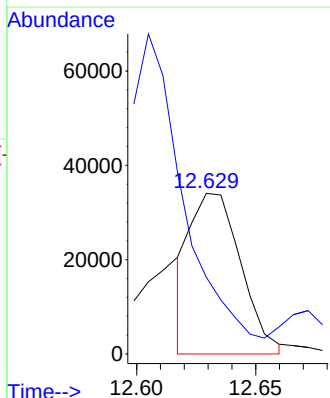
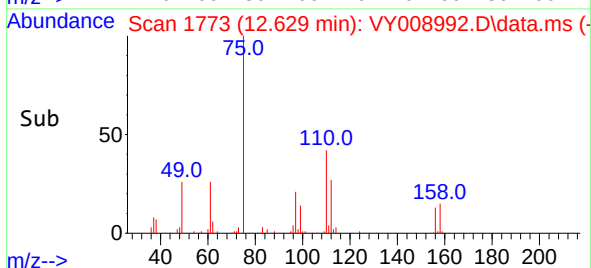
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

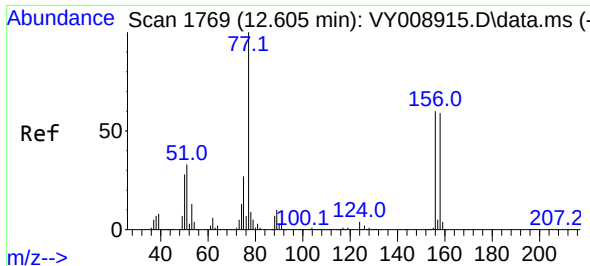


#76  
1,2,3-Trichloropropane  
Concen: 60.574 ug/l m  
RT: 12.629 min Scan# 1773  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



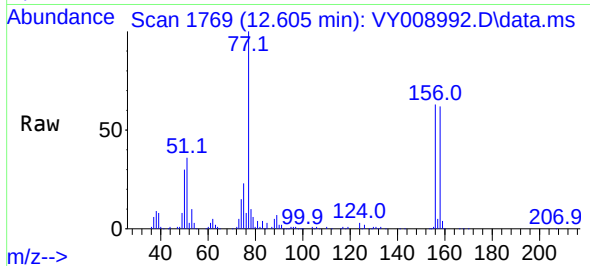
Tgt Ion: 75 Resp: 50387  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77  
Bromobenzene  
Concen: 48.910 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

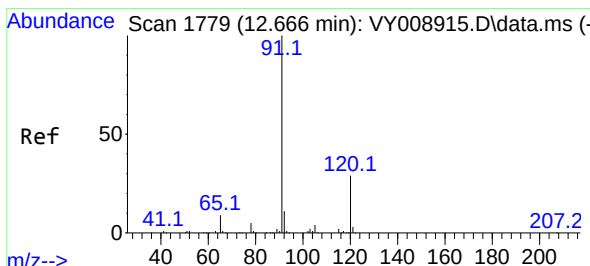
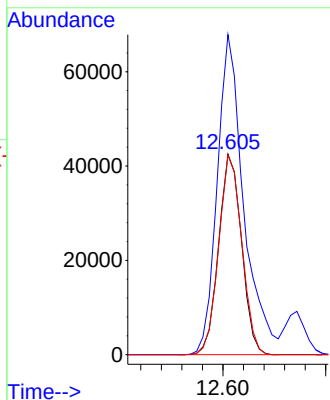
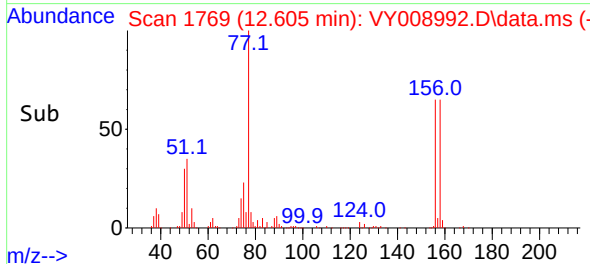
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



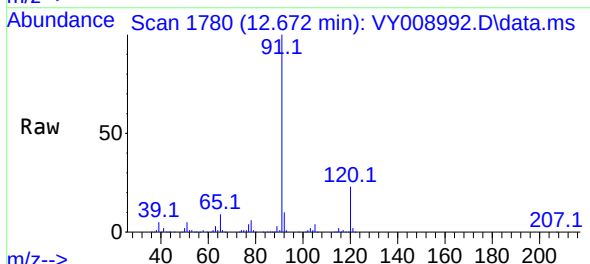
Tgt Ion: 156 Resp: 65668  
Ion Ratio Lower Upper  
156 100  
77 185.0 95.5 286.4  
158 100.5 48.0 144.0

Manual Integrations  
APPROVED

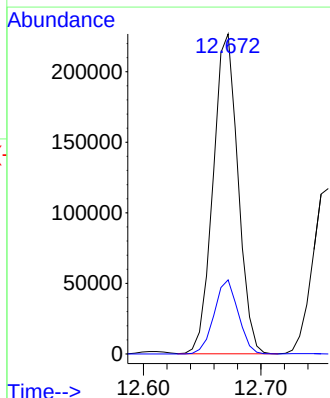
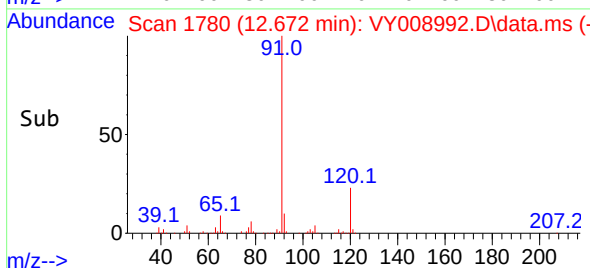
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



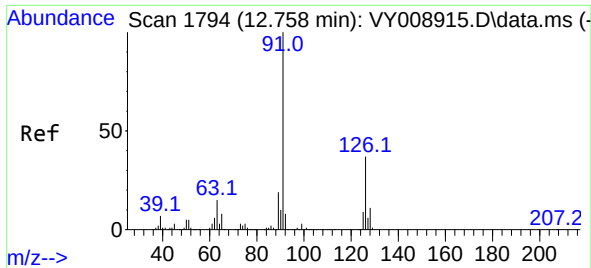
#78  
n-propylbenzene  
Concen: 49.853 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.006 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



Tgt Ion: 91 Resp: 333610  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.3 33.9







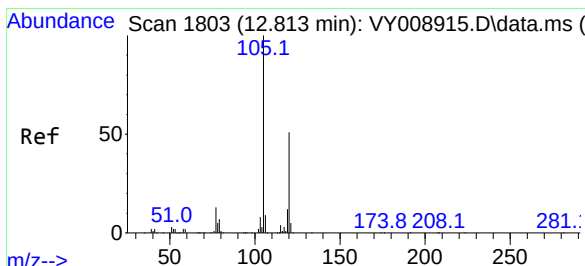
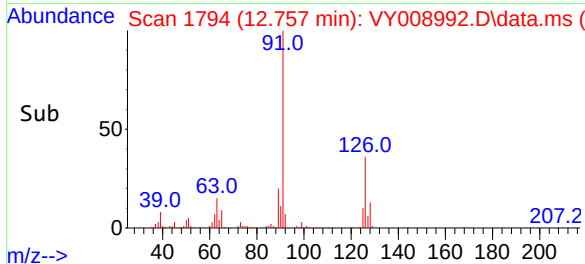
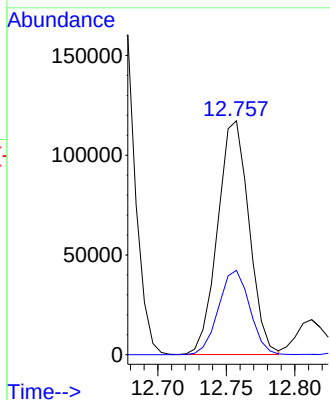
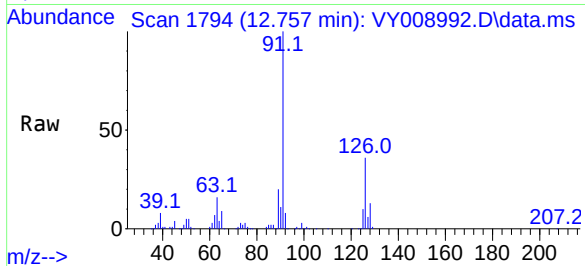
#79  
2-Chlorotoluene  
Concen: 48.485 ug/l  
RT: 12.757 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD

Tgt Ion: 91 Resp: 18715  
Ion Ratio Lower Upper  
91 100  
126 35.8 16.9 50.6

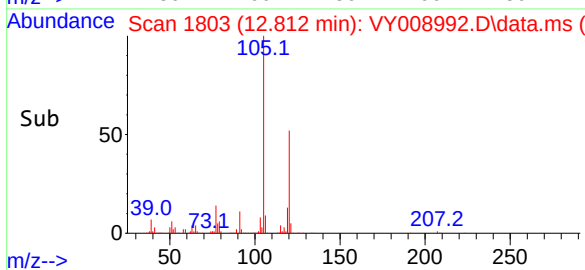
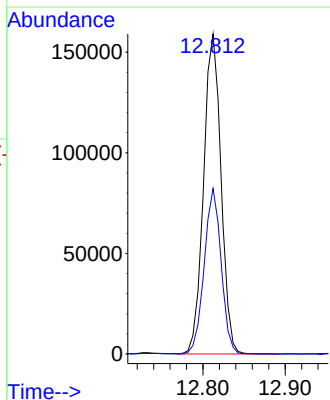
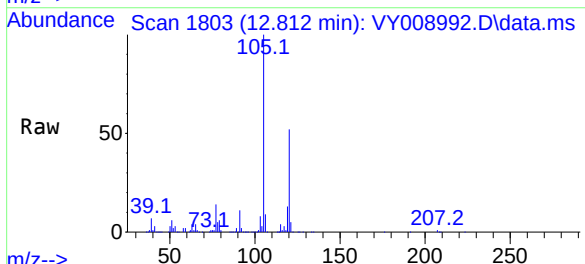
Manual Integrations  
APPROVED

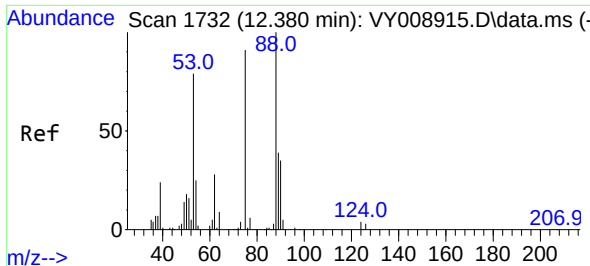
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#80  
1,3,5-Trimethylbenzene  
Concen: 48.380 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

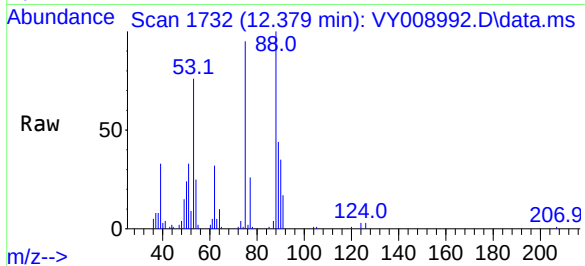
Tgt Ion:105 Resp: 234875  
Ion Ratio Lower Upper  
105 100  
120 50.1 24.4 73.4





#81  
trans-1,4-Dichloro-2-butene  
Concen: 35.408 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

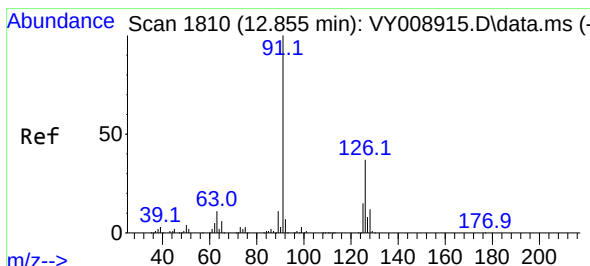
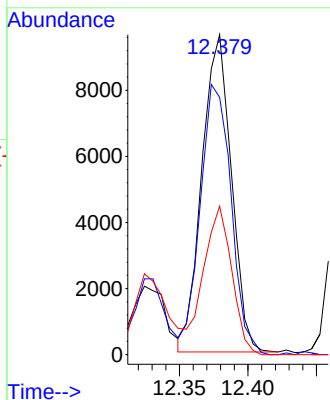
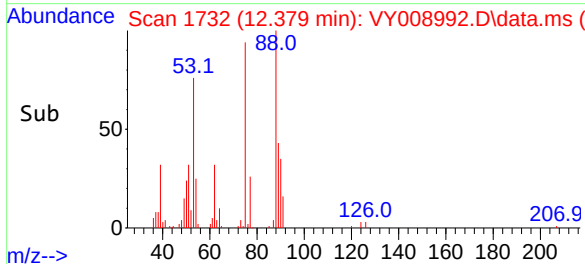
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



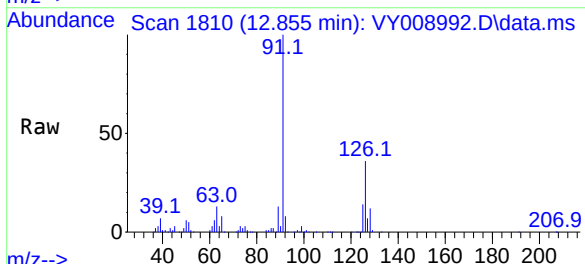
Tgt Ion: 75 Resp: 14350  
Ion Ratio Lower Upper  
75 100  
53 89.6 85.3 127.9  
89 44.4 37.0 55.4

Manual Integrations  
APPROVED

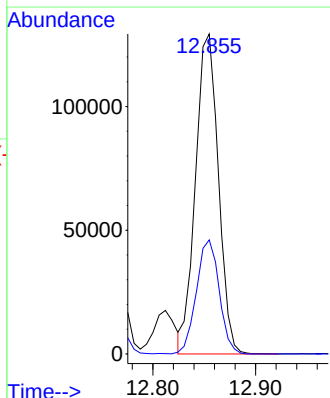
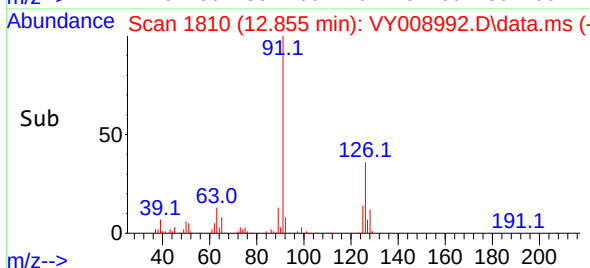
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

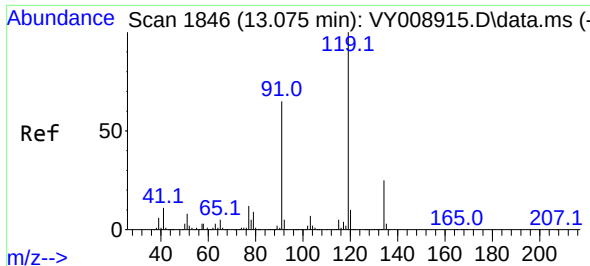


#82  
4-Chlorotoluene  
Concen: 48.501 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



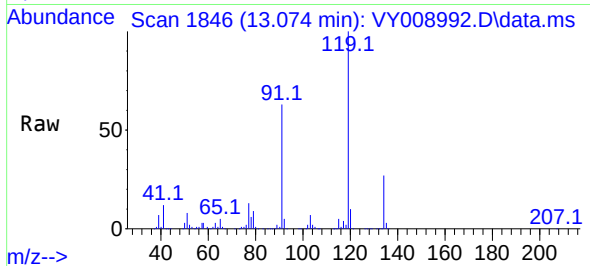
Tgt Ion: 91 Resp: 200239  
Ion Ratio Lower Upper  
91 100  
126 35.5 17.0 51.0





#83  
tert-Butylbenzene  
Concen: 45.810 ug/l  
RT: 13.074 min Scan# 1846  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

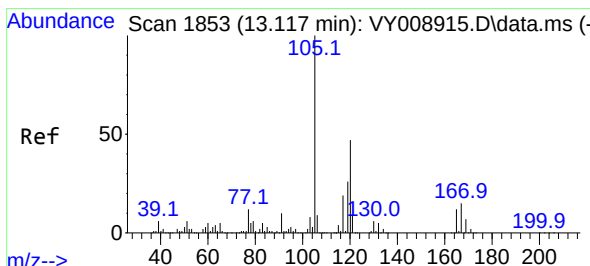
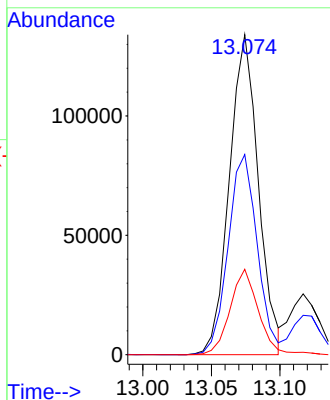
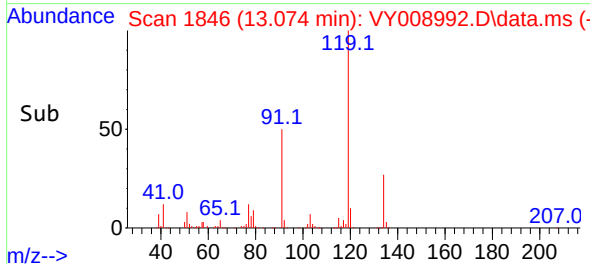
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



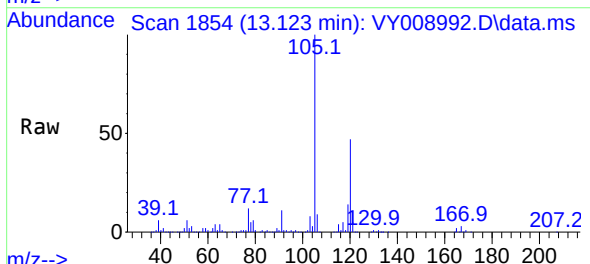
Tgt Ion:119 Resp: 197305  
Ion Ratio Lower Upper  
119 100  
91 62.9 34.8 104.4  
134 26.2 13.3 39.9

Manual Integrations  
APPROVED

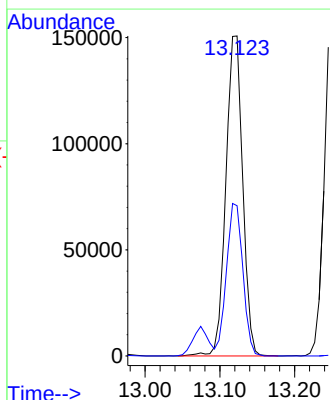
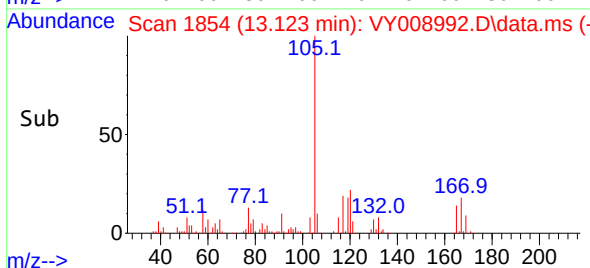
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

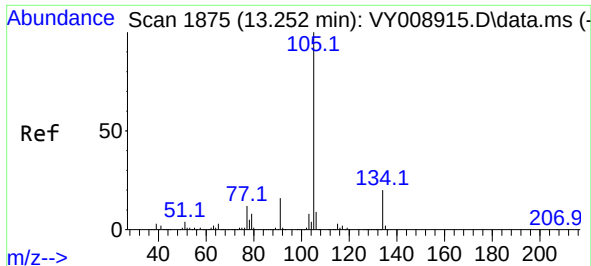


#84  
1,2,4-Trimethylbenzene  
Concen: 49.074 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



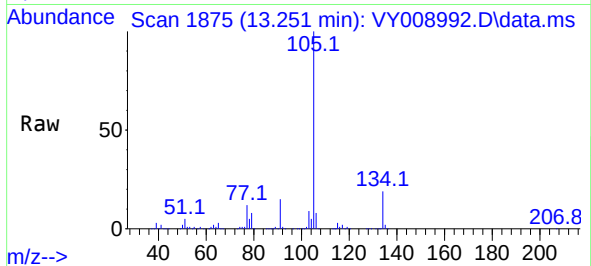
Tgt Ion:105 Resp: 236505  
Ion Ratio Lower Upper  
105 100  
120 46.5 22.3 66.9





#85  
 sec-Butylbenzene  
 Concen: 43.999 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.001 min  
 Lab File: VY008992.D  
 Acq: 22 May 2022 09:17

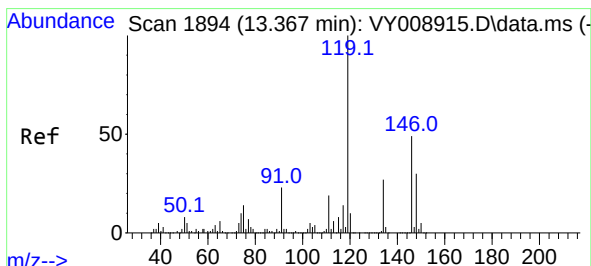
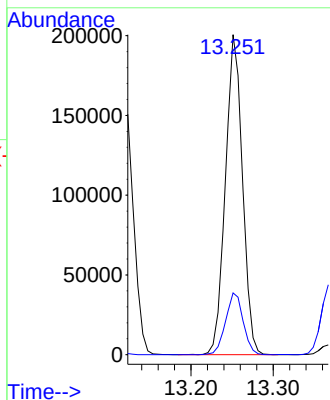
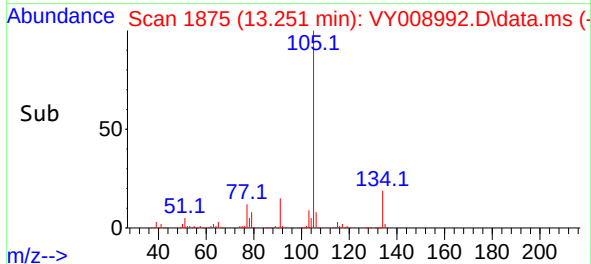
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P028-SS001-0612-01MSD



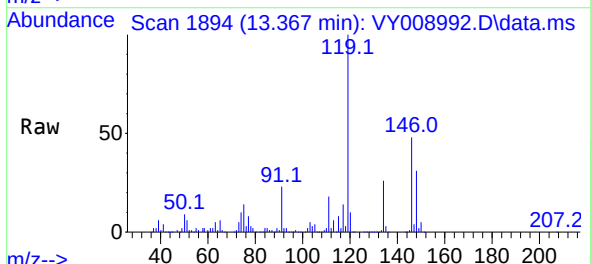
Tgt Ion:105 Resp: 28994  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.2 30.4

Manual Integrations  
 APPROVED

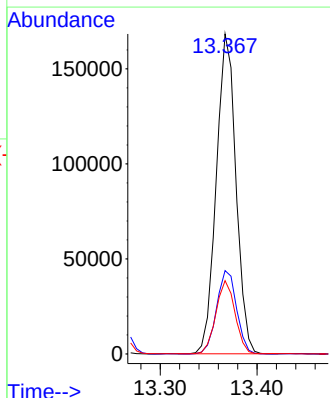
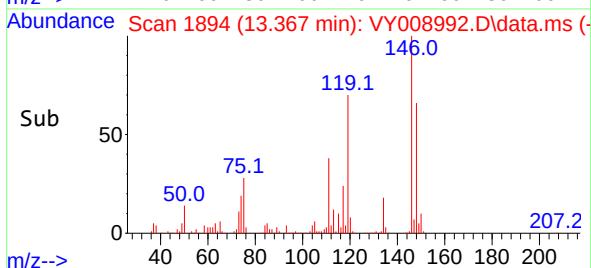
Reviewed By :John Carlone 05/24/2022  
 Supervised By :Mahesh Dadoda 05/24/2022

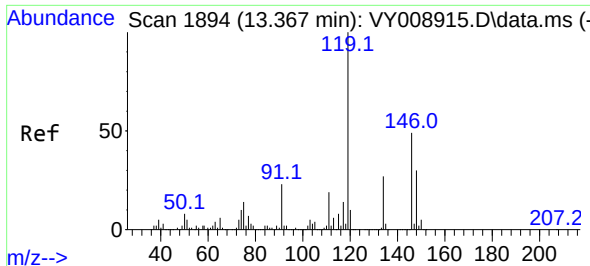


#86  
 p-Isopropyltoluene  
 Concen: 43.108 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.000 min  
 Lab File: VY008992.D  
 Acq: 22 May 2022 09:17



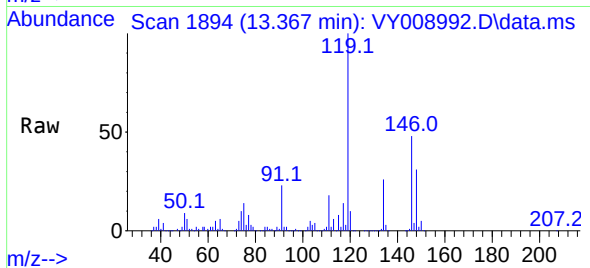
Tgt Ion:119 Resp: 236891  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.2 39.5  
 91 22.3 12.4 37.2





#87  
1,3-Dichlorobenzene  
Concen: 44.894 ug/l  
RT: 13.367 min Scan# 1191  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

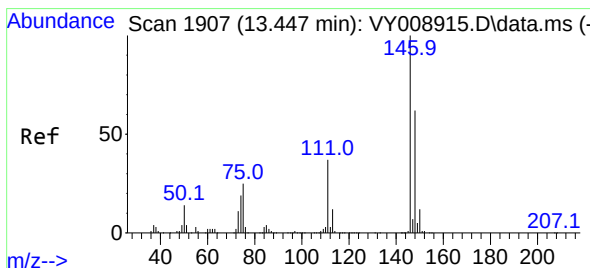
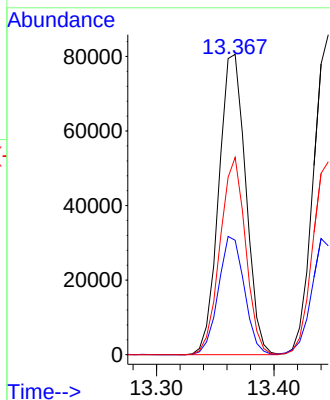
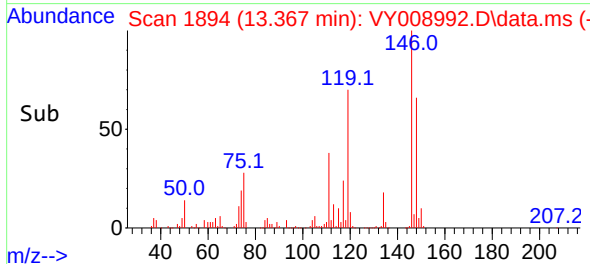
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



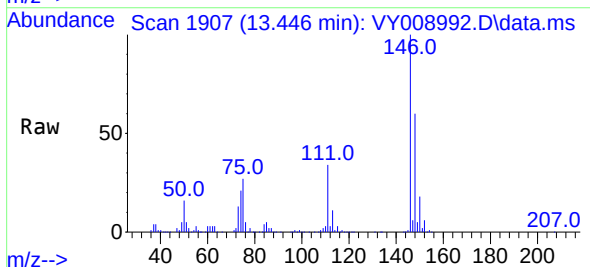
Tgt Ion:146 Resp: 128580  
Ion Ratio Lower Upper  
146 100  
111 38.0 19.5 58.5  
148 62.2 31.6 95.0

Manual Integrations  
APPROVED

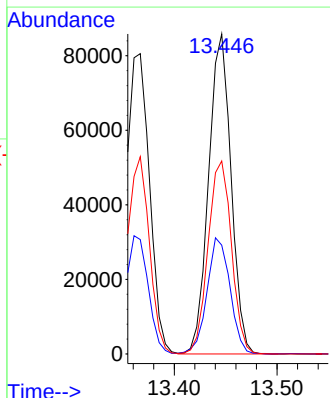
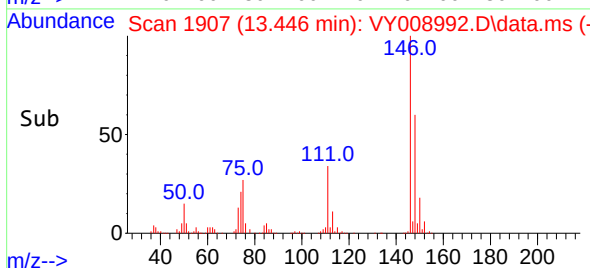
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

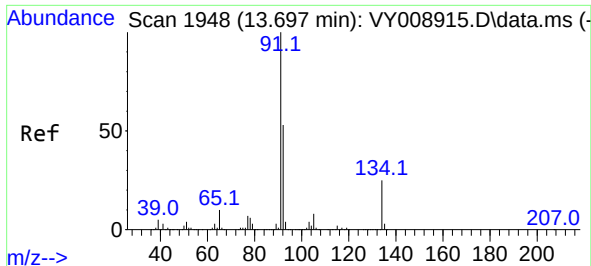


#88  
1,4-Dichlorobenzene  
Concen: 45.256 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



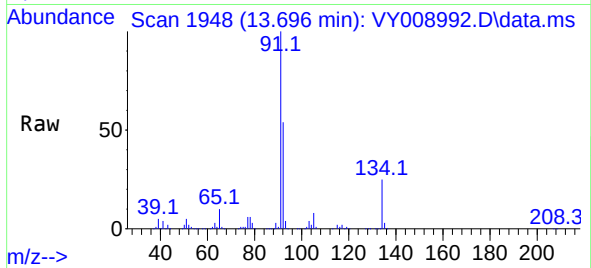
Tgt Ion:146 Resp: 130221  
Ion Ratio Lower Upper  
146 100  
111 37.3 19.3 57.8  
148 63.0 32.6 97.8





#89  
n-Butylbenzene  
Concen: 37.775 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

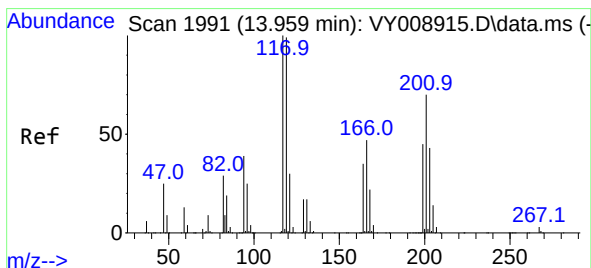
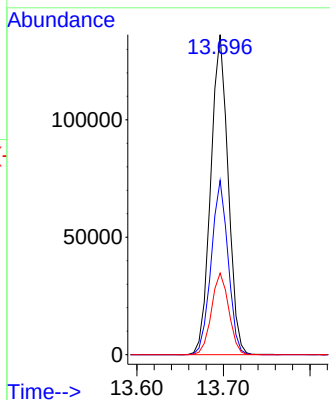
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



Tgt Ion: 91 Resp: 189910  
Ion Ratio Lower Upper  
91 100  
92 53.0 26.3 78.9  
134 25.4 13.0 38.9

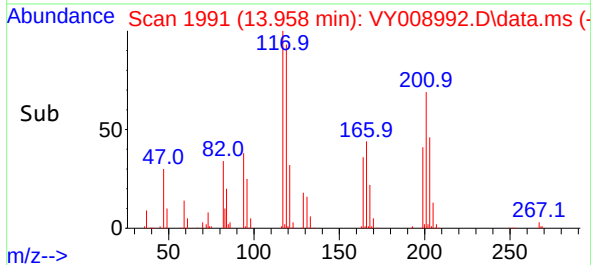
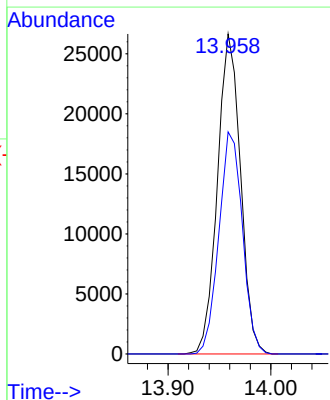
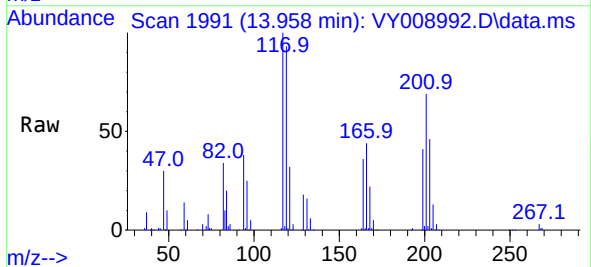
Manual Integrations  
APPROVED

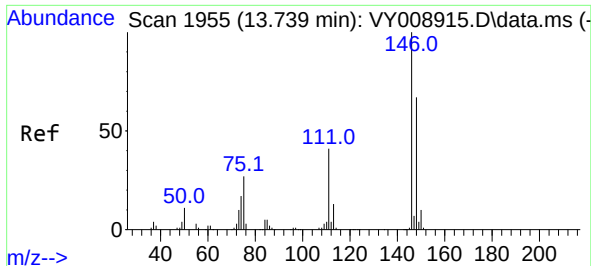
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#90  
Hexachloroethane  
Concen: 40.310 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.001 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

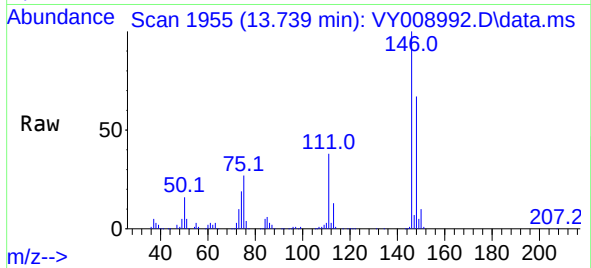
Tgt Ion:117 Resp: 41512  
Ion Ratio Lower Upper  
117 100  
201 70.8 43.0 128.8





#91  
1,2-Dichlorobenzene  
Concen: 46.481 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

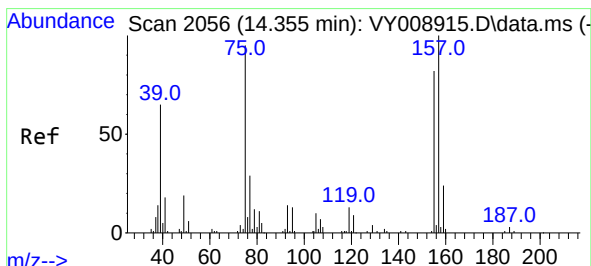
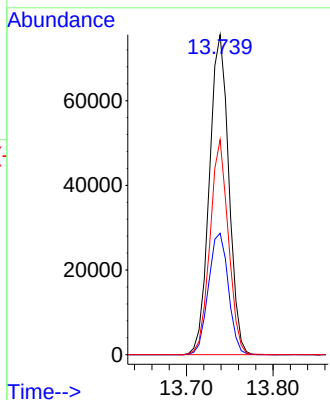
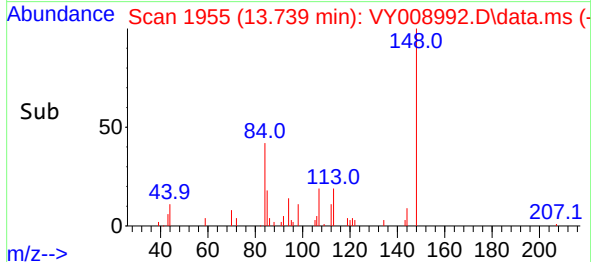
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



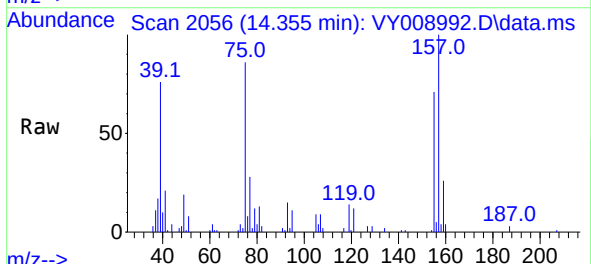
Tgt Ion:146 Resp: 11751  
Ion Ratio Lower Upper  
146 100  
111 39.0 20.3 60.9  
148 63.9 32.3 96.9

Manual Integrations  
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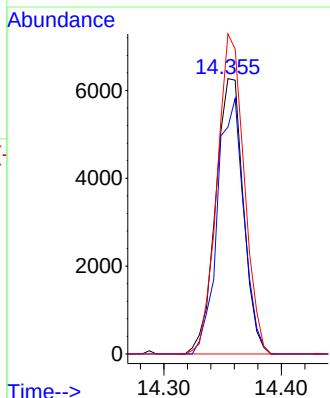
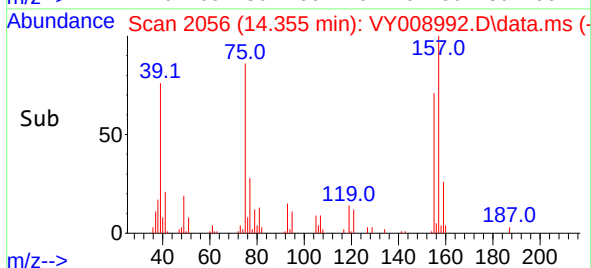
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022

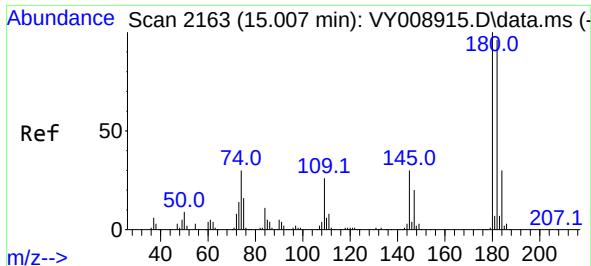


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 55.567 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



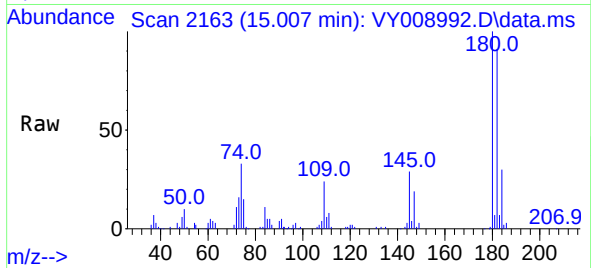
Tgt Ion: 75 Resp: 10293  
Ion Ratio Lower Upper  
75 100  
155 88.6 38.0 113.9  
157 113.4 47.8 143.3





#93  
1,2,4-Trichlorobenzene  
Concen: 31.864 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

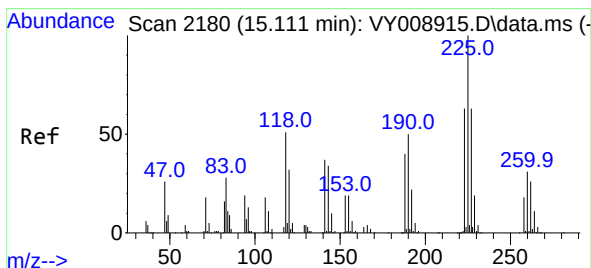
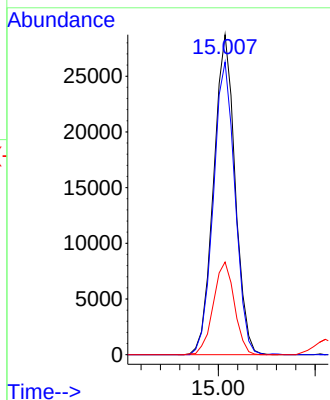
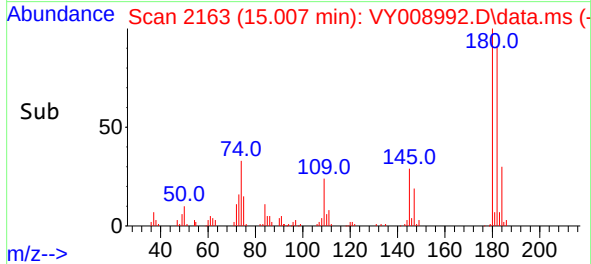
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



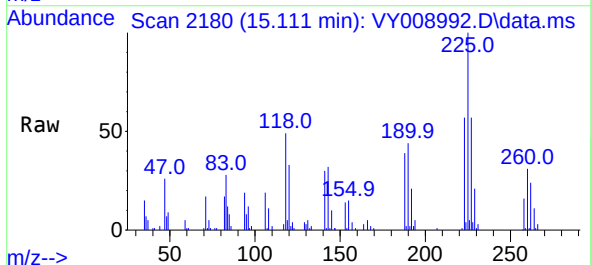
Tgt Ion:180 Resp: 4421  
Ion Ratio Lower Upper  
180 100  
182 91.9 47.3 141.9  
145 28.4 14.6 43.8

Manual Integrations  
APPROVED

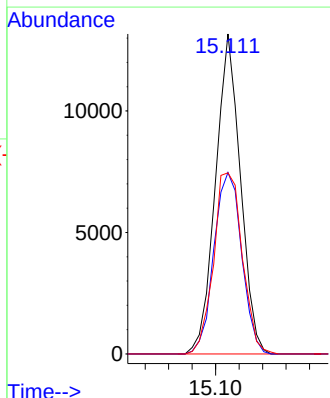
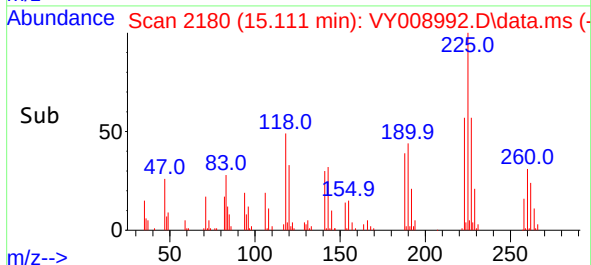
Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



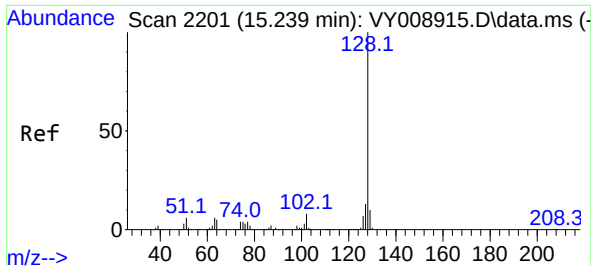
#94  
Hexachlorobutadiene  
Concen: 25.672 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



Tgt Ion:225 Resp: 19414  
Ion Ratio Lower Upper  
225 100  
223 63.1 30.8 92.3  
227 65.3 31.6 94.7

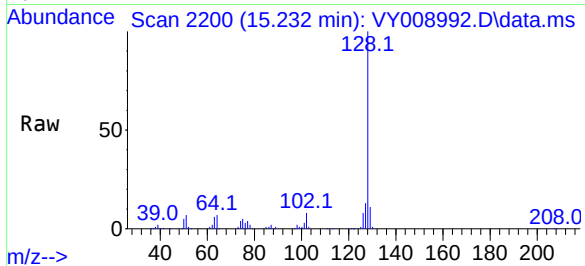






#95  
Naphthalene  
Concen: 40.517 ug/l  
RT: 15.232 min Scan# 211  
Delta R.T. -0.007 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17

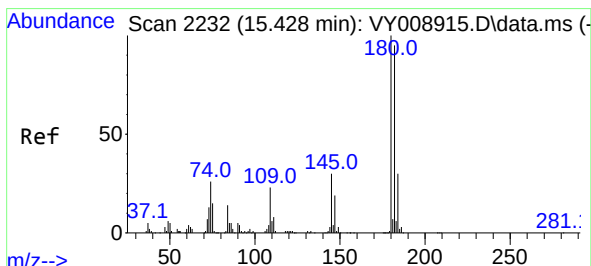
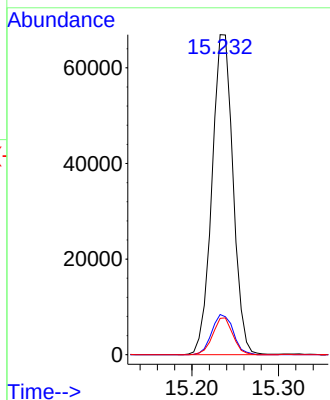
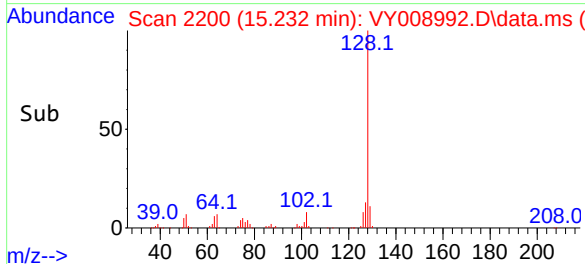
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P028-SS001-0612-01MSD



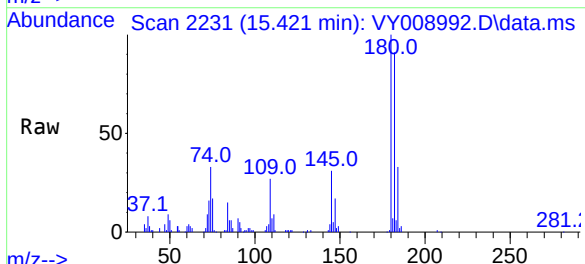
Tgt Ion:128 Resp: 11293  
Ion Ratio Lower Upper  
128 100  
127 12.8 11.0 16.4  
129 11.0 8.4 12.6

Manual Integrations  
APPROVED

Reviewed By :John Carlone 05/24/2022  
Supervised By :Mahesh Dadoda 05/24/2022



#96  
1,2,3-Trichlorobenzene  
Concen: 31.474 ug/l  
RT: 15.421 min Scan# 2231  
Delta R.T. -0.007 min  
Lab File: VY008992.D  
Acq: 22 May 2022 09:17



Tgt Ion:180 Resp: 37949  
Ion Ratio Lower Upper  
180 100  
182 91.5 47.3 141.9  
145 30.8 15.3 45.9

