

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062322\  
 Data File : VN073065.D  
 Acq On : 23 Jun 2022 23:09  
 Operator : JC\MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC005

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 06/24/2022  
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 04:20:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N062322W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jun 24 04:19:33 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon     | Response | Conc   | Units    | Dev(Min) |
|------------------------------|--------|----------|----------|--------|----------|----------|
| -----                        |        |          |          |        |          |          |
| Internal Standards           |        |          |          |        |          |          |
| 1) Bromochloromethane        | 7.587  | 128      | 43457    | 30.000 | ug/l     | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.904  | 114      | 257175   | 30.000 | ug/l     | 0.00     |
| 57) Chlorobenzene-d5         | 11.680 | 117      | 228172   | 30.000 | ug/l     | 0.00     |
|                              |        |          |          |        |          |          |
| System Monitoring Compounds  |        |          |          |        |          |          |
| 27) 1,2-Dichloroethane-d4    | 8.369  | 65       | 131245   | 27.402 | ug/l     | 0.00     |
| Spiked Amount 30.000         | Range  | 91 - 110 | Recovery | =      | 91.333%  |          |
| 60) 4-Bromofluorobenzene     | 12.669 | 95       | 122382   | 26.447 | ug/l     | 0.00     |
| Spiked Amount 30.000         | Range  | 63 - 112 | Recovery | =      | 88.167%  |          |
| 63) Toluene-d8               | 10.375 | 98       | 378527   | 30.179 | ug/l     | 0.00     |
| Spiked Amount 30.000         | Range  | 91 - 112 | Recovery | =      | 100.600% |          |
|                              |        |          |          |        |          |          |
| Target Compounds             |        |          |          |        |          |          |
|                              |        |          |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane   | 2.052  | 85       | 13360    | 4.003  | ug/l     | 97       |
| 3) Chloromethane             | 2.269  | 50       | 15465    | 4.414  | ug/l     | 92       |
| 4) Vinyl Chloride            | 2.410  | 62       | 13122    | 4.152  | ug/l     | 97       |
| 5) Bromomethane              | 2.799  | 94       | 5709     | 3.635  | ug/l     | 88       |
| 6) Chloroethane              | 2.957  | 64       | 9223     | 4.485  | ug/l     | 93       |
| 7) Trichlorofluoromethane    | 3.322  | 101      | 24749    | 4.370  | ug/l     | 90       |
| 8) Diethyl Ether             | 3.775  | 74       | 9722     | 4.360  | ug/l     | 77       |
| 9) 1,1,2-Trichlorotrifluo... | 4.140  | 101      | 13977    | 4.635  | ug/l #   | 52       |
| 10) 1,1-Dichloroethene       | 4.116  | 96       | 14246m   | 4.897  | ug/l     |          |
| 11) Methyl Iodide            | 4.351  | 142      | 8822     | 3.156  | ug/l     | 93       |
| 12) Methyl Acetate           | 4.787  | 43       | 35041    | 5.833  | ug/l     | 91       |
| 13) Acrolein                 | 3.987  | 56       | 14343    | 25.980 | ug/l     | 99       |
| 14) Acrylonitrile            | 5.475  | 53       | 57685    | 24.013 | ug/l     | 96       |
| 15) Acetone                  | 4.234  | 58       | 15344    | 23.329 | ug/l     | 97       |
| 16) Carbon Disulfide         | 4.463  | 76       | 35731    | 4.831  | ug/l #   | 94       |
| 17) Allyl chloride           | 4.763  | 41       | 27673    | 4.565  | ug/l     | 86       |
| 18) Methylene Chloride       | 5.004  | 84       | 18852m   | 5.261  | ug/l     |          |
| 19) trans-1,2-Dichloroethene | 5.510  | 96       | 15860m   | 5.117  | ug/l     |          |
| 20) Diisopropyl ether        | 6.416  | 45       | 57137    | 4.716  | ug/l #   | 93       |
| 21) 1,1-Dichloroethane       | 6.310  | 63       | 31250    | 4.660  | ug/l     | 99       |
| 22) cis-1,2-Dichloroethene   | 7.245  | 96       | 18844    | 4.905  | ug/l     | 95       |
| 23) tert-Butyl Alcohol       | 5.287  | 59       | 24554    | 22.789 | ug/l #   | 100      |
| 24) Methyl tert-Butyl Ether  | 5.540  | 73       | 53622    | 4.319  | ug/l     | 98       |
| 25) Chloroform               | 7.745  | 83       | 29963    | 4.382  | ug/l     | 98       |
| 26) Cyclohexane              | 8.022  | 56       | 26924    | 4.776  | ug/l #   | 92       |
| 29) 1,1-Dichloropropene      | 8.145  | 75       | 21169    | 4.355  | ug/l #   | 59       |
| 30) 2-Butanone               | 7.263  | 43       | 84085    | 23.535 | ug/l #   | 95       |
| 31) 2,2-Dichloropropane      | 7.245  | 77       | 12467    | 2.148  | ug/l #   | 77       |
| 32) 1,1,1-Trichloroethane    | 7.945  | 97       | 26250    | 4.187  | ug/l     | 97       |
| 33) Carbon Tetrachloride     | 8.128  | 117      | 21607    | 4.004  | ug/l #   | 89       |
| 34) Benzene                  | 8.386  | 78       | 67525    | 4.628  | ug/l #   | 64       |
| 35) Methacrylonitrile        | 7.569  | 41       | 15225    | 4.377  | ug/l     | 80       |
| 36) 1,2-Dichloroethane       | 8.463  | 62       | 25558    | 4.279  | ug/l #   | 91       |
| 37) Trichloroethene          | 9.151  | 130      | 17273    | 4.908  | ug/l     | 87       |
| 38) Methylcyclohexane        | 9.392  | 83       | 24374    | 4.187  | ug/l     | 90       |
| 39) 1,2-Dichloropropane      | 9.422  | 63       | 17886    | 4.528  | ug/l     | 91       |
| 40) Dibromomethane           | 9.516  | 93       | 12142    | 4.481  | ug/l     | 95       |
| 41) Bromodichloromethane     | 9.698  | 83       | 23770    | 4.188  | ug/l #   | 91       |
| 42) Vinyl Acetate            | 6.351  | 43       | 247946   | 21.645 | ug/l     | 99       |

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 Data File : VN073065.D  
 Acq On : 23 Jun 2022 23:09  
 Operator : JC\MD  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Jun 24 04:20:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N062322W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jun 24 04:19:33 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 06/24/2022  
 Supervised By : Mahesh Dadoda 06/28/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 43) Ethyl Acetate             | 7.340  | 43   | 25492    | 3.707  | ug/l # | 84       |
| 44) Isopropyl Acetate         | 8.498  | 43   | 47984    | 4.327  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 9.510  | 88   | 8861     | 96.063 | ug/l   | 97       |
| 46) Methyl methacrylate       | 9.498  | 41   | 21891    | 4.393  | ug/l   | 81       |
| 47) n-amyl Acetate            | 12.322 | 43   | 34962    | 4.053  | ug/l   | 100      |
| 48) t-1,3-Dichloropropene     | 10.657 | 75   | 19679    | 3.120  | ug/l   | 90       |
| 49) cis-1,3-Dichloropropene   | 10.128 | 75   | 22649    | 3.497  | ug/l   | 95       |
| 50) 1,1,2-Trichloroethane     | 10.833 | 97   | 17673    | 4.617  | ug/l   | 92       |
| 51) Ethyl methacrylate        | 10.698 | 69   | 26537    | 3.867  | ug/l   | 94       |
| 52) 1,3-Dichloropropane       | 10.980 | 76   | 29730    | 4.412  | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.175 | 129  | 17151    | 4.130  | ug/l   | 94       |
| 54) 1,2-Dibromoethane         | 11.280 | 107  | 17491    | 4.346  | ug/l   | 97       |
| 55) 2-Chloroethyl vinyl ether | 9.980  | 63   | 55800    | 20.030 | ug/l   | 98       |
| 56) Bromoform                 | 12.398 | 173  | 12255    | 4.193  | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone      | 10.269 | 43   | 158585   | 23.232 | ug/l   | 96       |
| 59) 2-Hexanone                | 11.022 | 43   | 116730   | 22.485 | ug/l   | 99       |
| 61) Tetrachloroethene         | 10.916 | 164  | 14043    | 4.948  | ug/l # | 79       |
| 62) Toluene                   | 10.439 | 91   | 71676    | 4.631  | ug/l   | 97       |
| 64) Chlorobenzene             | 11.704 | 112  | 43008    | 4.582  | ug/l   | 94       |
| 65) 1,1,1,2-Tetrachloroethane | 11.780 | 131  | 16688    | 4.585  | ug/l   | 96       |
| 66) Ethyl Benzene             | 11.780 | 91   | 76726    | 4.373  | ug/l   | 93       |
| 67) m/p-Xylenes               | 11.886 | 106  | 57677    | 8.928  | ug/l   | 98       |
| 68) o-Xylene                  | 12.216 | 106  | 28989    | 4.417  | ug/l   | 95       |
| 69) Styrene                   | 12.233 | 104  | 42374    | 4.031  | ug/l   | 97       |
| 70) Isopropylbenzene          | 12.516 | 105  | 71158    | 4.159  | ug/l   | 97       |
| 71) 1,1,2,2-Tetrachloroethane | 12.763 | 83   | 27502    | 4.747  | ug/l   | 96       |
| 72) 1,2,3-Trichloropropane    | 12.822 | 75   | 16913m   | 3.481  | ug/l   |          |
| 73) Bromobenzene              | 12.798 | 156  | 17327    | 4.860  | ug/l   | 93       |
| 74) n-propylbenzene           | 12.857 | 91   | 76700    | 3.921  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 12.945 | 91   | 51398    | 4.221  | ug/l   | 97       |
| 76) 1,3,5-Trimethylbenzene    | 12.998 | 105  | 59552    | 4.230  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 12.563 | 75   | 5445     | 2.734  | ug/l   | 91       |
| 78) 4-Chlorotoluene           | 13.039 | 91   | 47342    | 4.111  | ug/l   | 93       |
| 79) tert-butylbenzene         | 13.257 | 119  | 52016    | 4.152  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 13.304 | 105  | 57485    | 3.490  | ug/l # | 81       |
| 81) sec-Butylbenzene          | 13.433 | 105  | 65584    | 3.861  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.551 | 119  | 52214    | 3.822  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.545 | 146  | 28617    | 4.532  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 13.627 | 146  | 27328    | 4.445  | ug/l   | 96       |
| 85) n-Butylbenzene            | 13.874 | 91   | 38699    | 3.393  | ug/l   | 98       |
| 86) Hexachloroethane          | 14.145 | 117  | 10841    | 3.725  | ug/l   | 97       |
| 87) 1,2-Dichlorobenzene       | 13.921 | 146  | 31305    | 4.969  | ug/l   | 96       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.533 | 75   | 6146     | 4.215  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene    | 15.192 | 180  | 13303    | 4.180  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 15.298 | 225  | 6158     | 4.454  | ug/l   | 99       |
| 91) Naphthalene               | 15.433 | 128  | 55120    | 4.325  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.621 | 180  | 14246    | 4.375  | ug/l   | 99       |

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

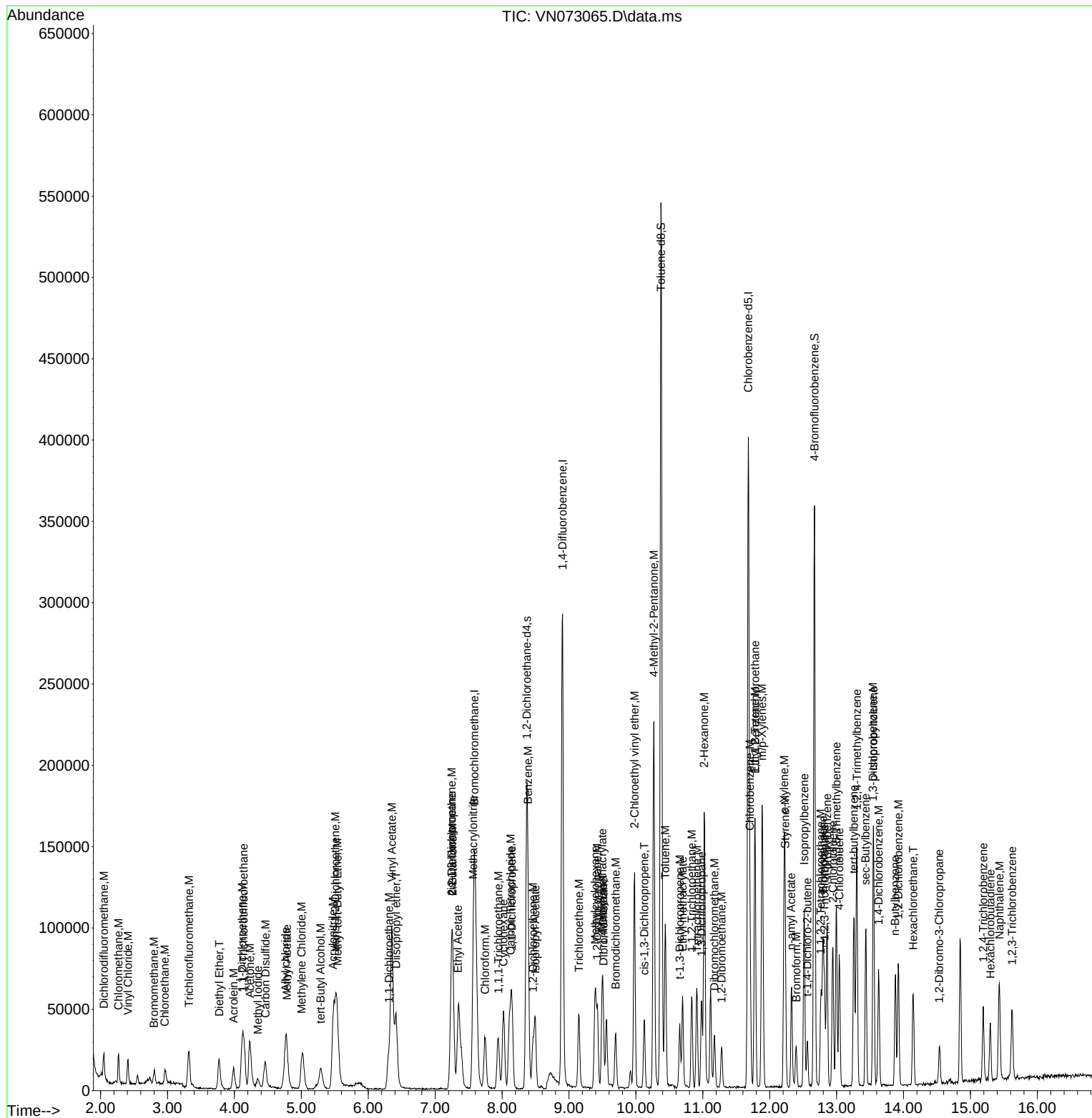
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 Data File : VN073065.D  
 Acq On : 23 Jun 2022 23:09  
 Operator : JC\MD  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 33 Sample Multiplier: 1

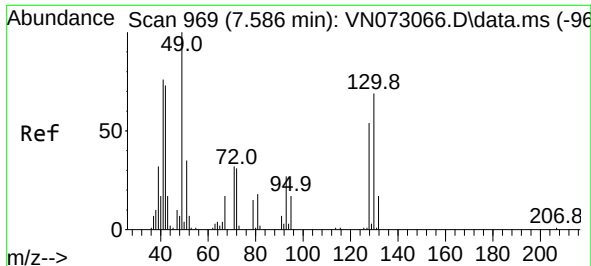
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

### Manual Integrations APPROVED

Reviewed By : John Carlone 06/24/2022  
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 04:20:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N062322W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jun 24 04:19:33 2022  
 Response via : Initial Calibration





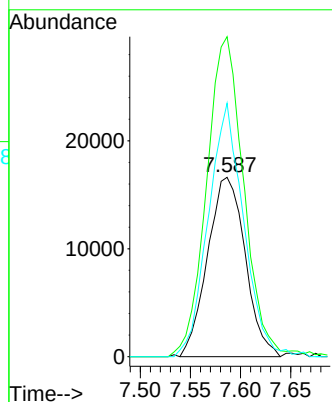
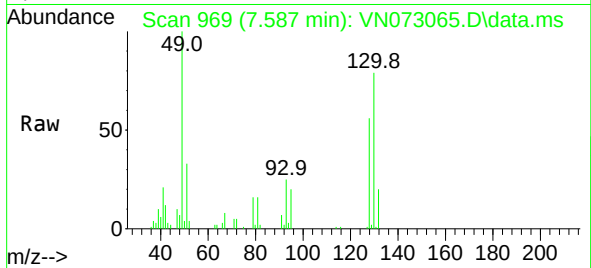
#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.587 min Scan# 90  
Delta R.T. 0.001 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDIC005

Tgt Ion: 128 Resp: 4345  
Ion Ratio Lower Upper  
128 100  
49 174.8 0.0 392.3  
130 131.5 0.0 320.2

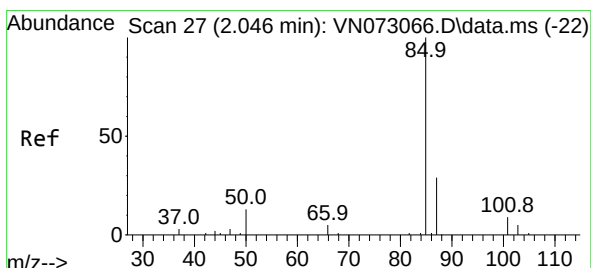
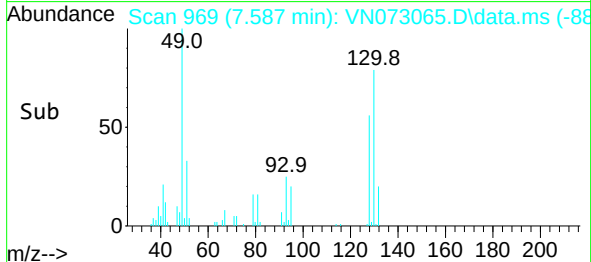
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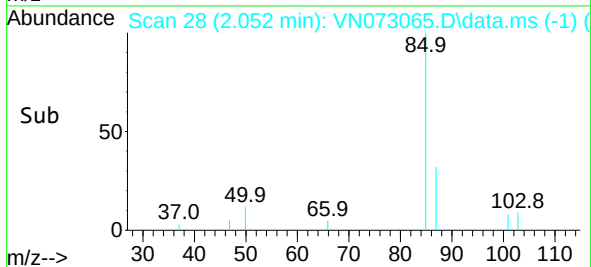
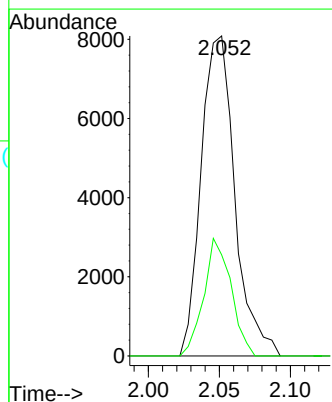
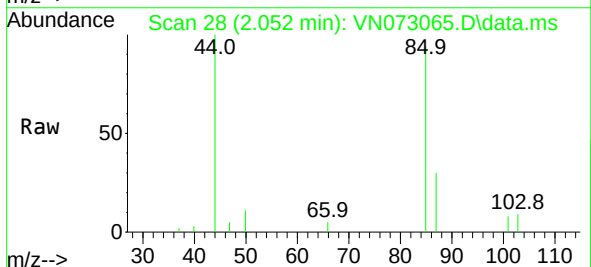
06/24/2022  
Supervised By : Mahesh  
Dadoda

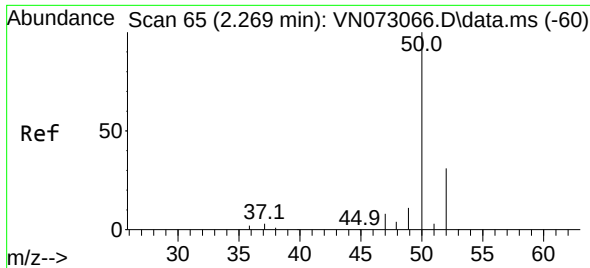
06/28/2022



#2  
Dichlorodifluoromethane  
Concen: 4.003 ug/l  
RT: 2.052 min Scan# 28  
Delta R.T. 0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

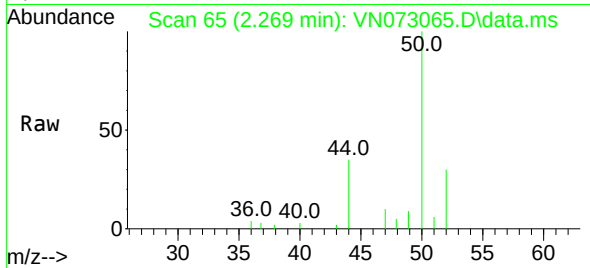
Tgt Ion: 85 Resp: 13360  
Ion Ratio Lower Upper  
85 100  
87 31.6 16.6 49.7





#3  
Chloromethane  
Concen: 4.414 ug/l  
RT: 2.269 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

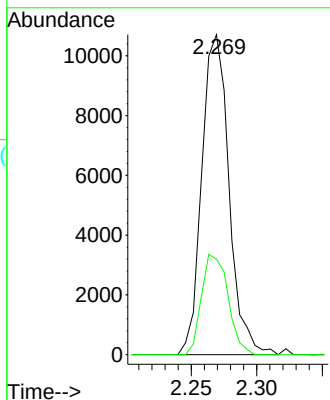
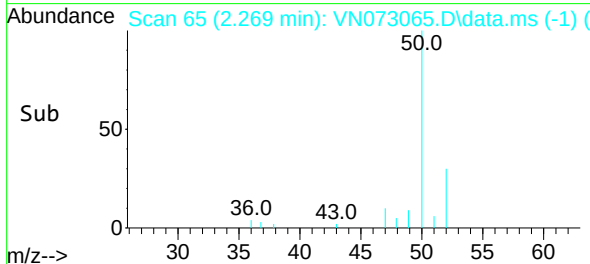
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 50 Resp: 1546  
Ion Ratio Lower Upper  
50 100  
52 29.9 27.8 41.6

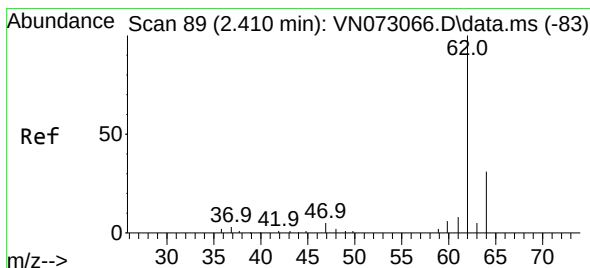
Manual Integrations  
APPROVED

Reviewed By :John Carlone 06/24/2022  
Supervised By :Mahesh Dadoda 06/28/2022

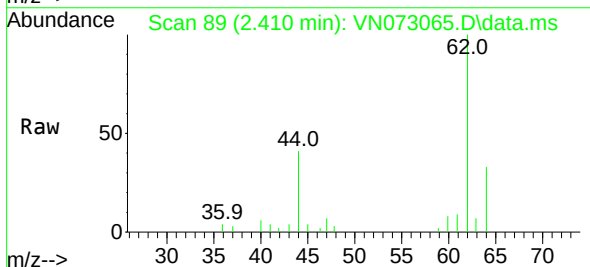


06/24/2022  
Supervised By :Mahesh  
Dadoda

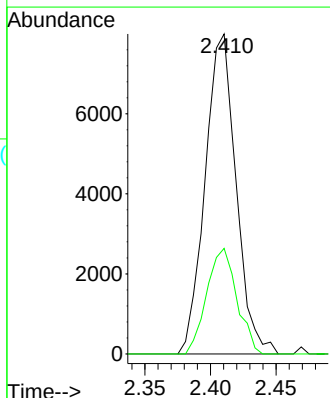
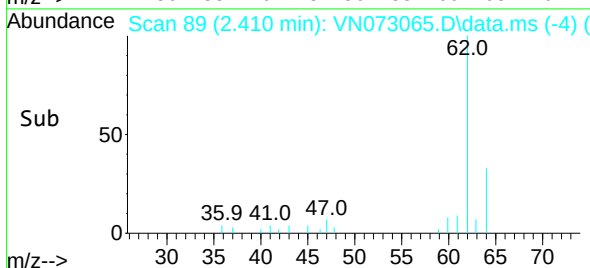
06/28/2022

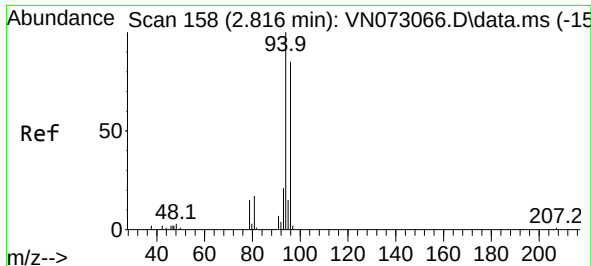


#4  
Vinyl Chloride  
Concen: 4.152 ug/l  
RT: 2.410 min Scan# 89  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09



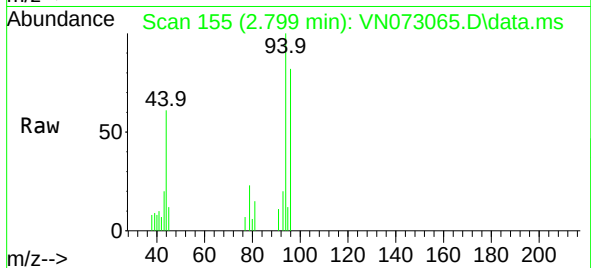
Tgt Ion: 62 Resp: 13122  
Ion Ratio Lower Upper  
62 100  
64 33.0 25.1 37.7





#5  
Bromomethane  
Concen: 3.635 ug/l  
RT: 2.799 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

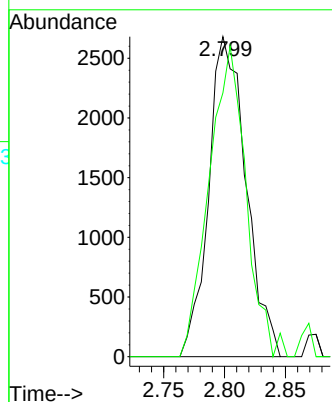
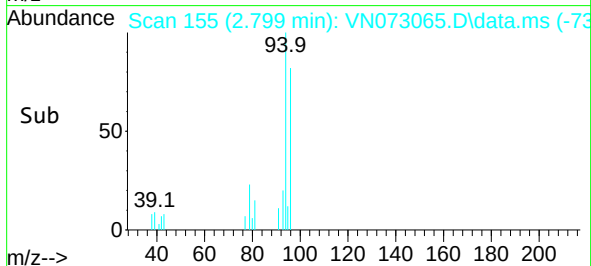
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 94 Resp: 5709  
Ion Ratio Lower Upper  
94 100  
96 82.4 75.2 112.8

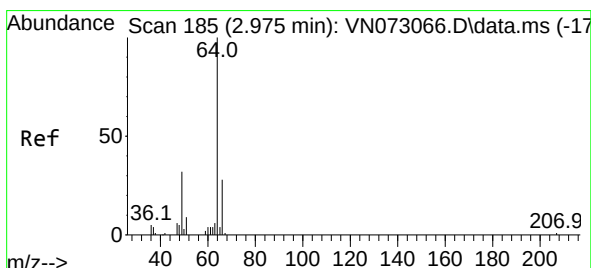
Manual Integrations  
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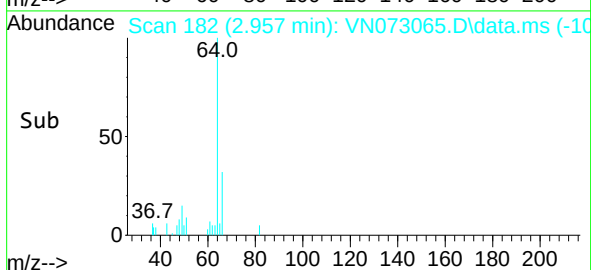
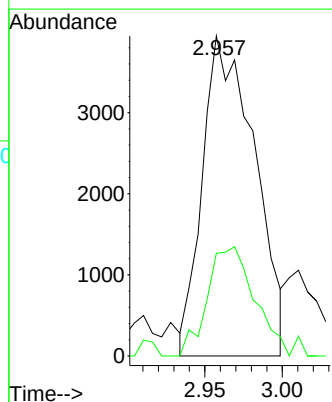
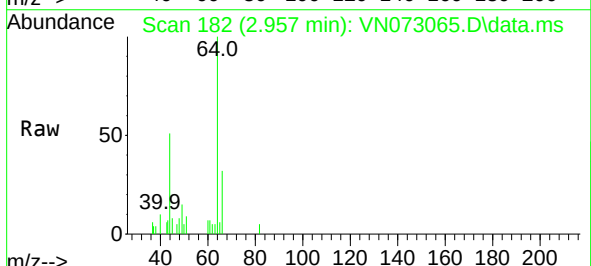
06/24/2022  
Supervised By :Mahesh  
Dadoda

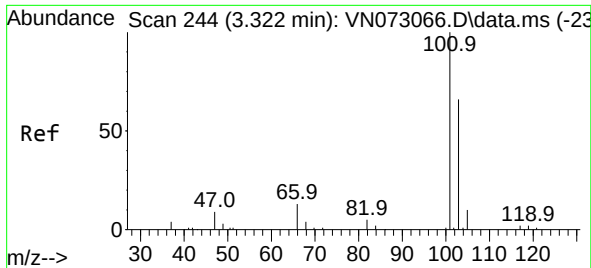
06/28/2022



#6  
Chloroethane  
Concen: 4.485 ug/l  
RT: 2.957 min Scan# 182  
Delta R.T. -0.018 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

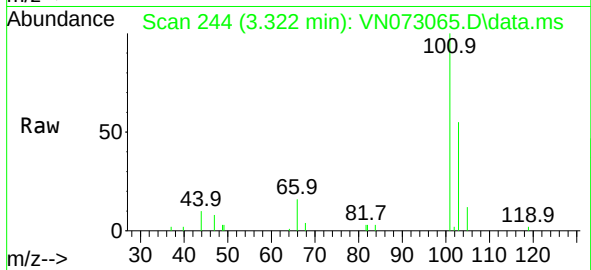
Tgt Ion: 64 Resp: 9223  
Ion Ratio Lower Upper  
64 100  
66 34.6 24.6 36.8





#7  
 Trichlorofluoromethane  
 Concen: 4.370 ug/l  
 RT: 3.322 min Scan# 244  
 Delta R.T. 0.000 min  
 Lab File: VN073065.D  
 Acq: 23 Jun 2022 23:09

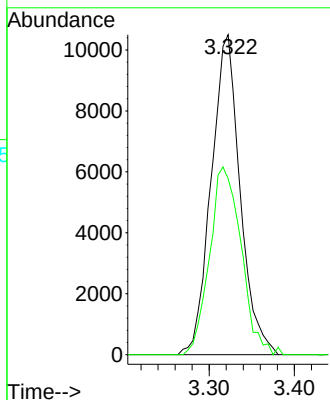
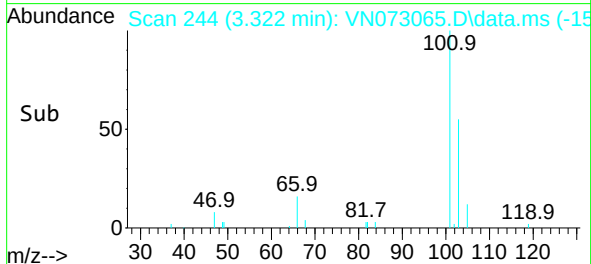
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005



Tgt Ion:101 Resp: 24749  
 Ion Ratio Lower Upper  
 101 100  
 103 55.0 50.1 75.1

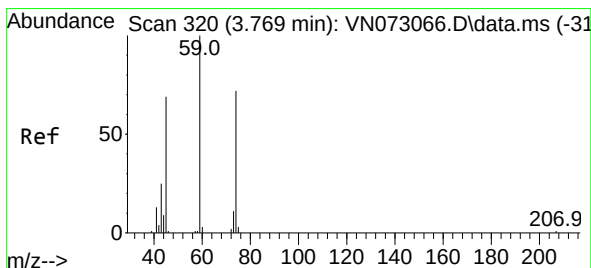
Manual Integrations  
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 Supervised By :Mahesh Dadoda 06/28/2022

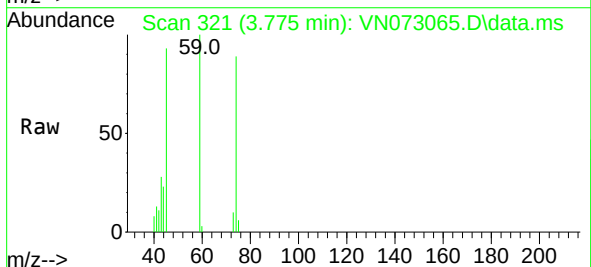


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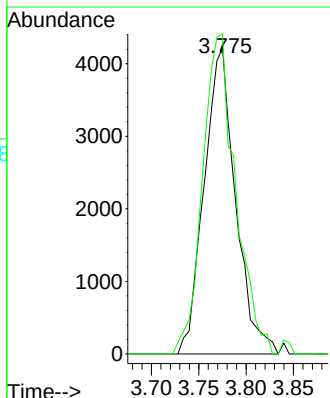
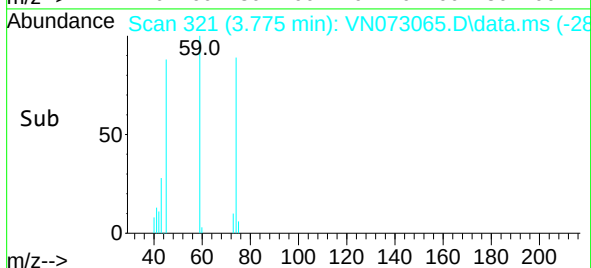
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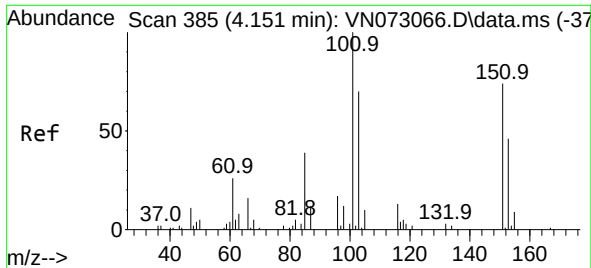


#8  
 Diethyl Ether  
 Concen: 4.360 ug/l  
 RT: 3.775 min Scan# 321  
 Delta R.T. 0.006 min  
 Lab File: VN073065.D  
 Acq: 23 Jun 2022 23:09



Tgt Ion: 74 Resp: 9722  
 Ion Ratio Lower Upper  
 74 100  
 45 109.9 17.6 158.8





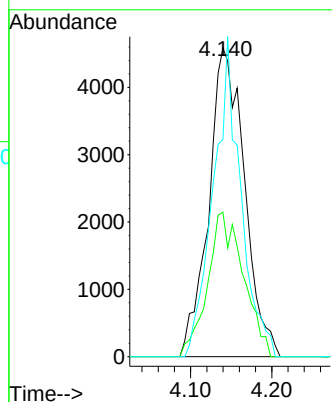
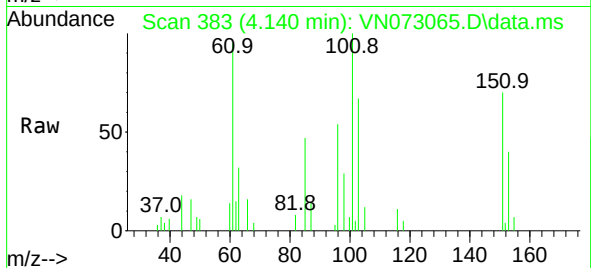
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.635 ug/l  
RT: 4.140 min Scan# 385  
Delta R.T. -0.012 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDIC005

Tgt Ion: 101 Resp: 1397  
Ion Ratio Lower Upper  
101 100  
85 27.0 0.0 94.0  
151 79.4 0.0 74.6

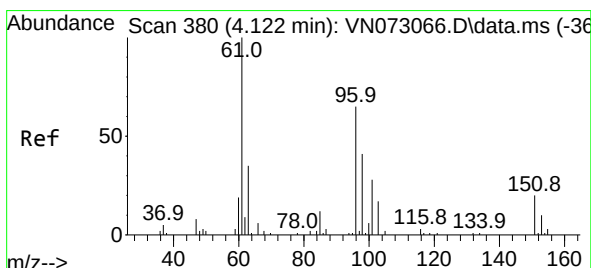
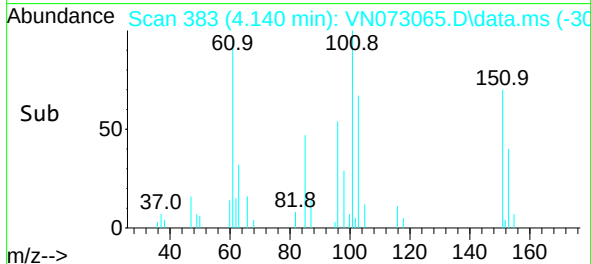
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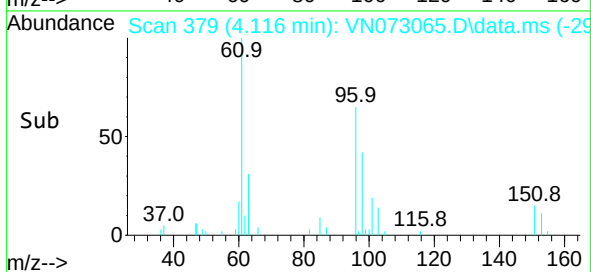
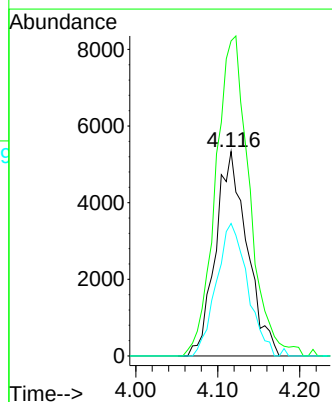
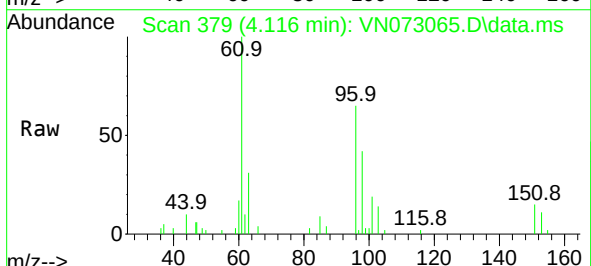
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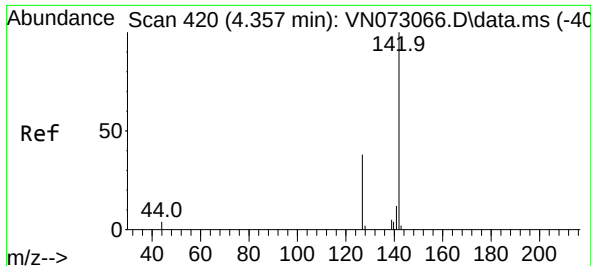


#10  
1,1-Dichloroethene  
Concen: 4.897 ug/l m  
RT: 4.116 min Scan# 379  
Delta R.T. -0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion: 96 Resp: 14246  
Ion Ratio Lower Upper  
96 100  
61 154.1 126.2 189.4  
98 64.8 50.9 76.3







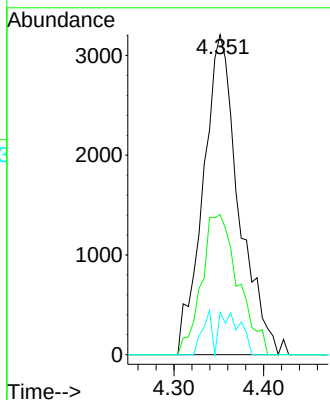
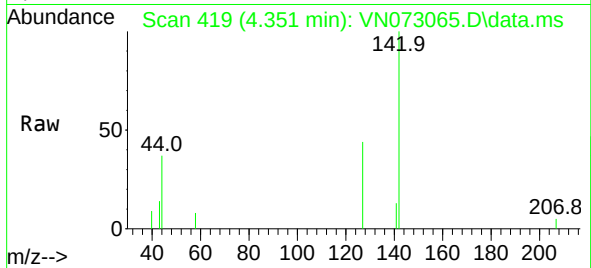
#11  
Methyl Iodide  
Concen: 3.156 ug/l  
RT: 4.351 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:142 Resp: 882  
Ion Ratio Lower Upper  
142 100  
127 43.8 24.0 72.0  
141 13.2 8.4 25.2

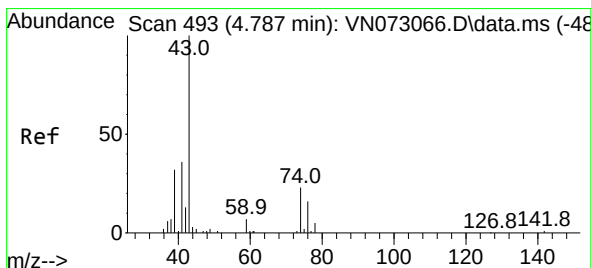
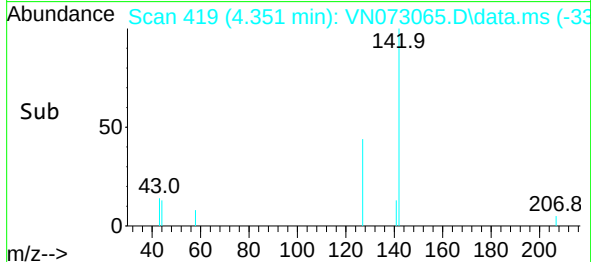
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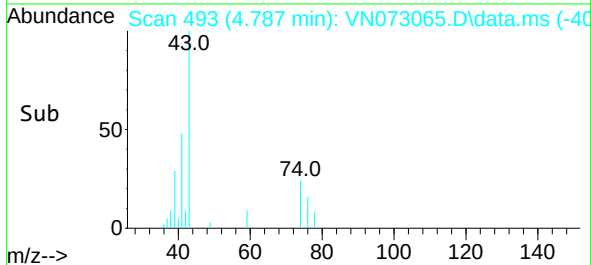
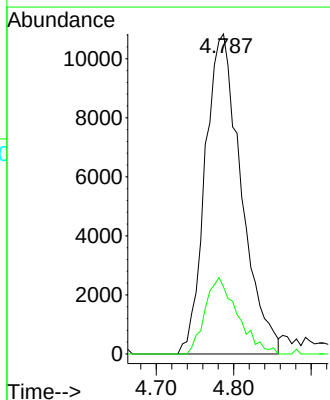
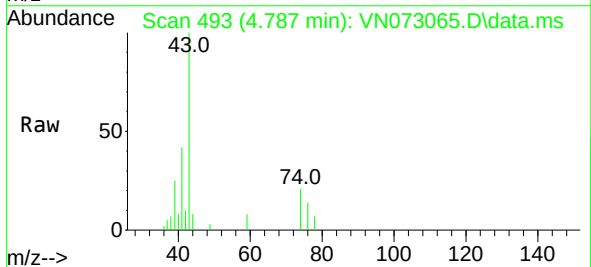
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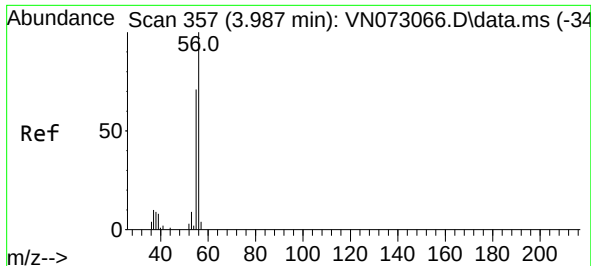
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#12  
Methyl Acetate  
Concen: 5.833 ug/l  
RT: 4.787 min Scan# 493  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

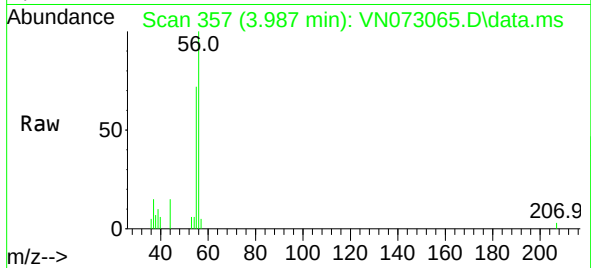
Tgt Ion: 43 Resp: 35041  
Ion Ratio Lower Upper  
43 100  
74 21.5 20.8 31.2





#13  
Acrolein  
Concen: 25.980 ug/l  
RT: 3.987 min Scan# 357  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

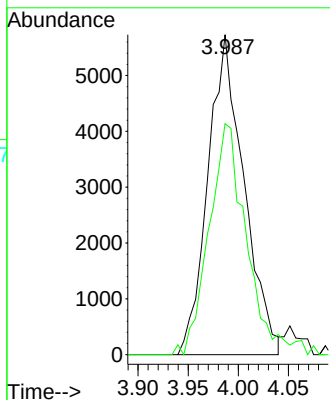
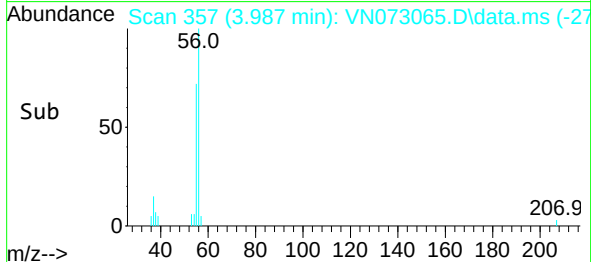
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 56 Resp: 1434  
Ion Ratio Lower Upper  
56 100  
55 71.3 57.6 86.4

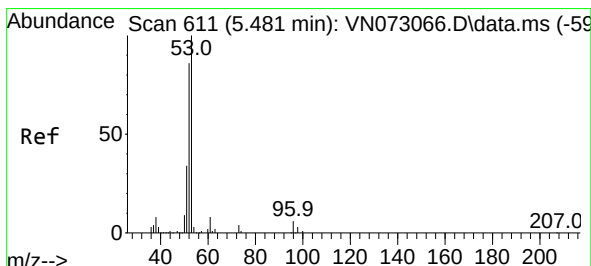
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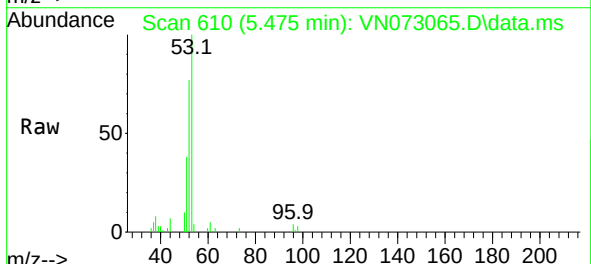


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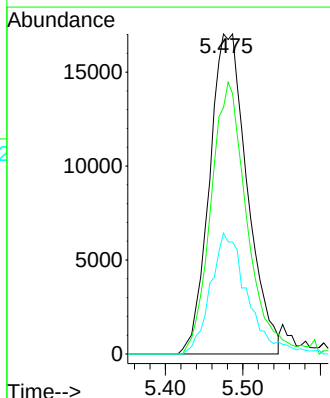
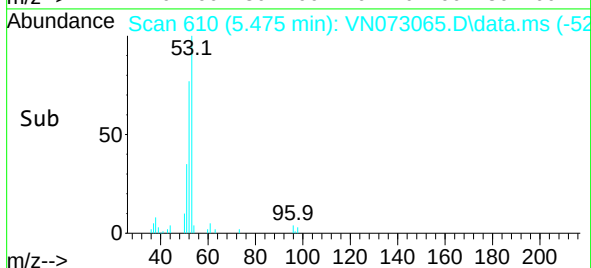
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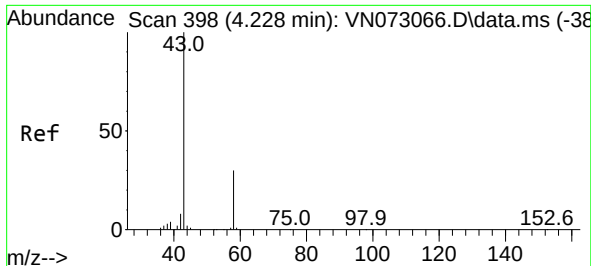


#14  
Acrylonitrile  
Concen: 24.013 ug/l  
RT: 5.475 min Scan# 610  
Delta R.T. -0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09



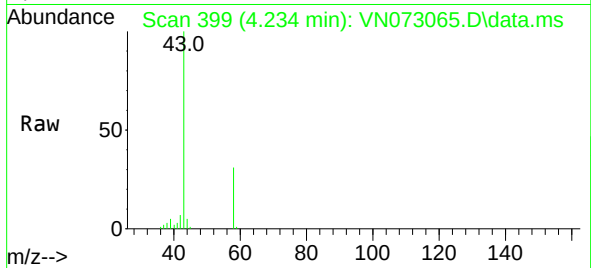
Tgt Ion: 53 Resp: 57685  
Ion Ratio Lower Upper  
53 100  
52 80.5 41.8 125.4  
51 35.2 19.0 57.0





#15  
Acetone  
Concen: 23.329 ug/l  
RT: 4.234 min Scan# 399  
Delta R.T. 0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

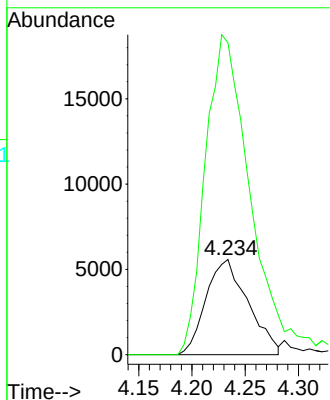
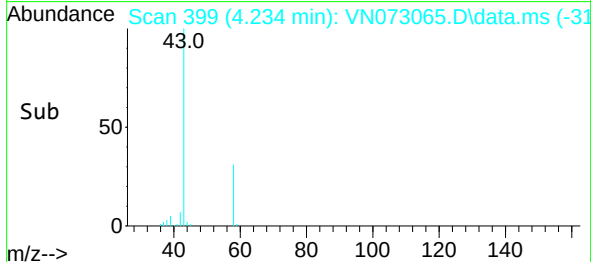
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 58 Resp: 15344  
Ion Ratio Lower Upper  
58 100  
43 327.5 256.6 384.8

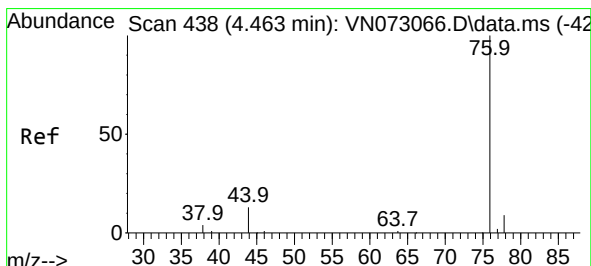
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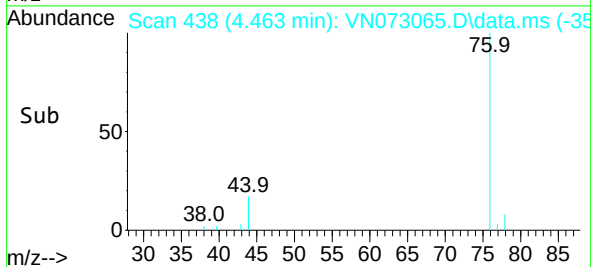
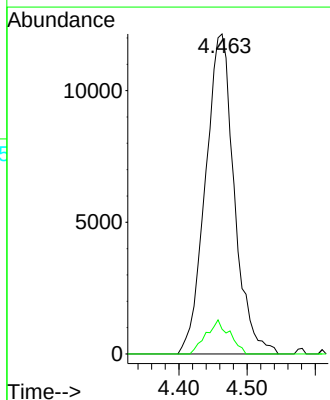
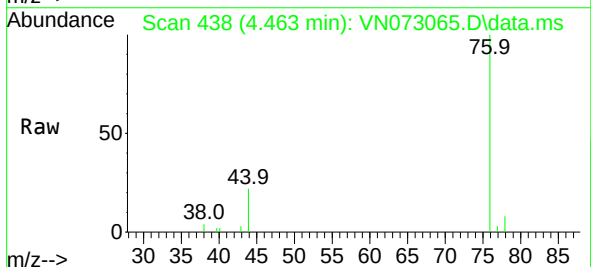
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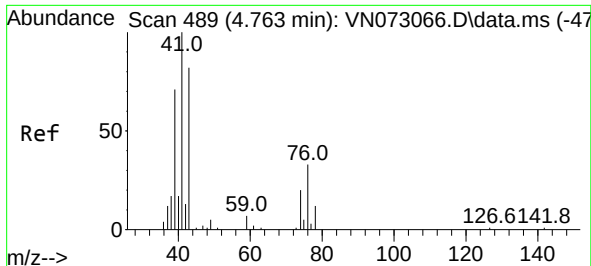
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#16  
Carbon Disulfide  
Concen: 4.831 ug/l  
RT: 4.463 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion: 76 Resp: 35731  
Ion Ratio Lower Upper  
76 100  
78 7.7 7.8 11.8#





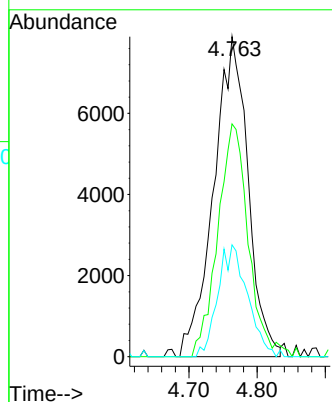
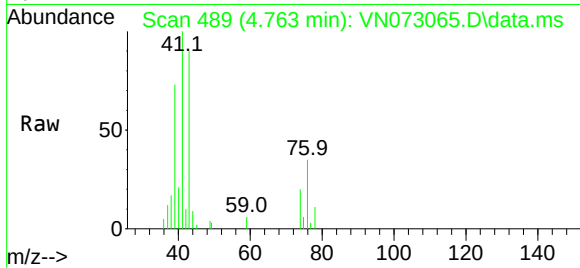
#17  
 Allyl chloride  
 Concen: 4.565 ug/l  
 RT: 4.763 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VN073065.D  
 Acq: 23 Jun 2022 23:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion: 41 Resp: 2767  
 Ion Ratio Lower Upper  
 41 100  
 39 72.8 44.6 134.0  
 76 35.0 19.6 58.7

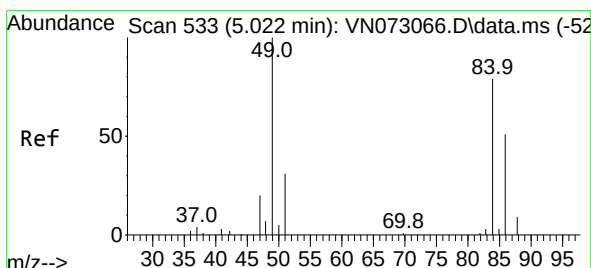
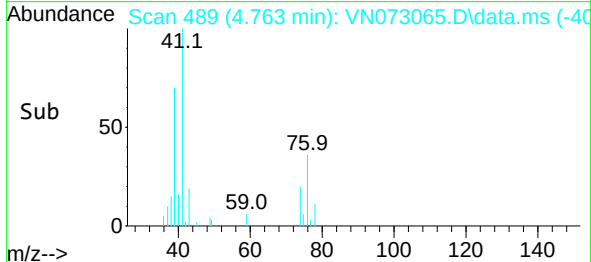
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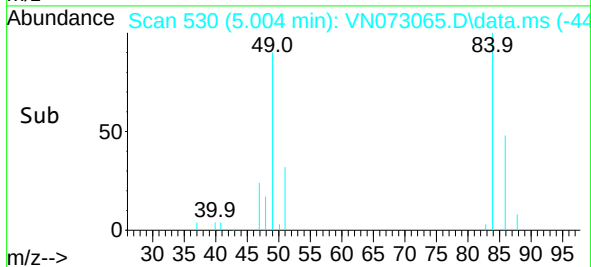
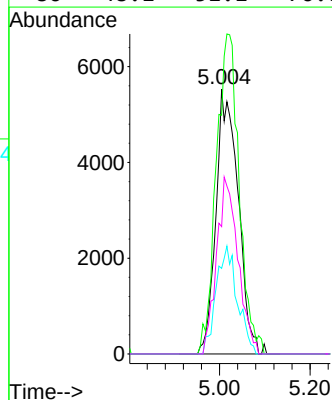
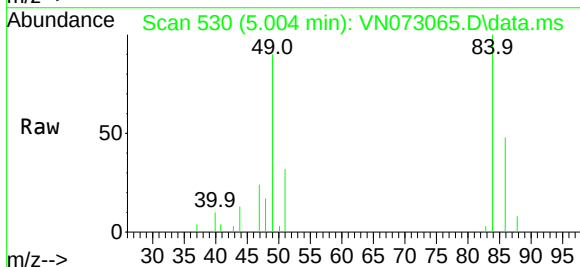
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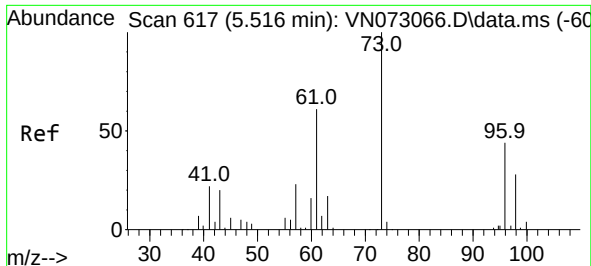
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#18  
 Methylene Chloride  
 Concen: 5.261 ug/l m  
 RT: 5.004 min Scan# 530  
 Delta R.T. -0.018 min  
 Lab File: VN073065.D  
 Acq: 23 Jun 2022 23:09

Tgt Ion: 84 Resp: 18852  
 Ion Ratio Lower Upper  
 84 100  
 49 90.2 91.4 137.0#  
 51 32.3 29.4 44.0  
 86 48.1 51.1 76.7#





#19

trans-1,2-Dichloroethene

Concen: 5.117 ug/l m

RT: 5.510 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN073065.D

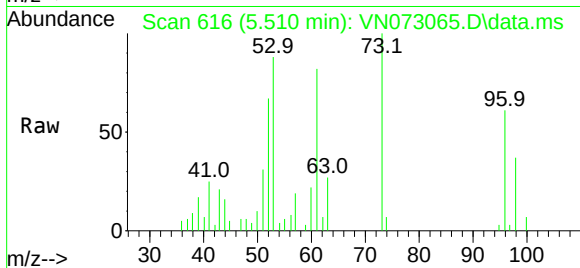
Acq: 23 Jun 2022 23:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005



Tgt Ion: 96 Resp: 1586

Ion Ratio Lower Upper

96 100

61 134.0 102.8 154.2

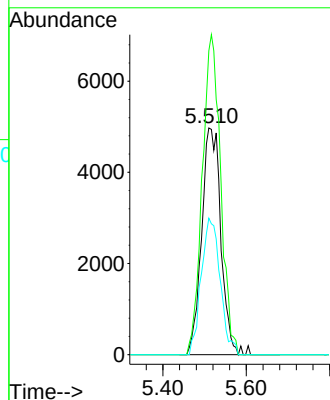
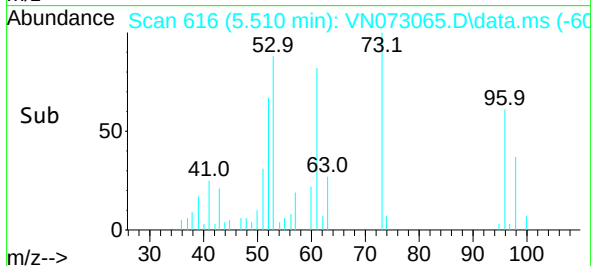
98 60.2 49.3 73.9

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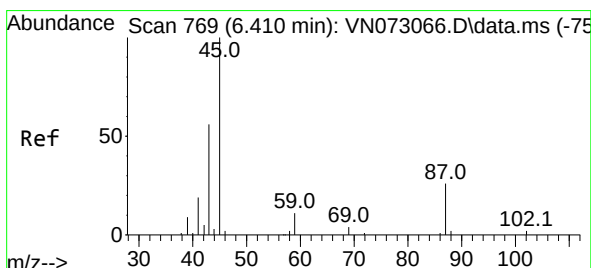
Supervised By :Mahesh Dadoda 06/28/2022



06/24/2022

Supervised By :Mahesh  
Dadoda

06/28/2022



#20

Diisopropyl ether

Concen: 4.716 ug/l

RT: 6.416 min Scan# 770

Delta R.T. 0.006 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Tgt Ion: 45 Resp: 57137

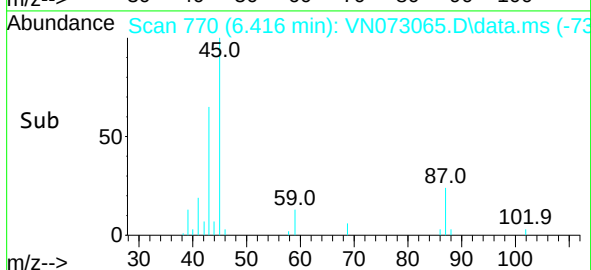
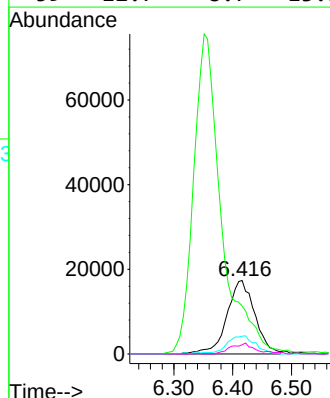
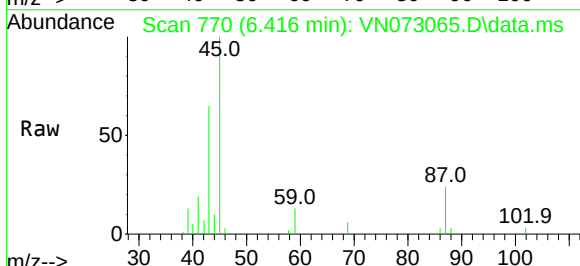
Ion Ratio Lower Upper

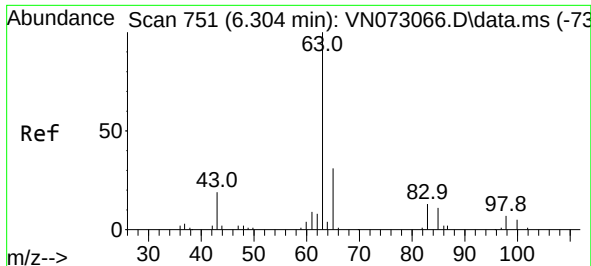
45 100

43 60.0 51.0 76.4

87 24.2 25.0 37.4#

59 12.7 8.7 13.1





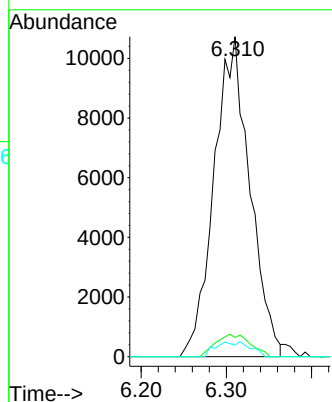
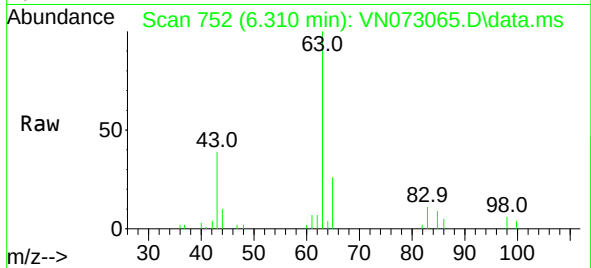
#21  
1,1-Dichloroethane  
Concen: 4.660 ug/l  
RT: 6.310 min Scan# 751  
Delta R.T. 0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDIC005

Tgt Ion: 63 Resp: 31250  
Ion Ratio Lower Upper  
63 100  
98 6.0 3.2 9.6  
100 3.7 2.1 6.2

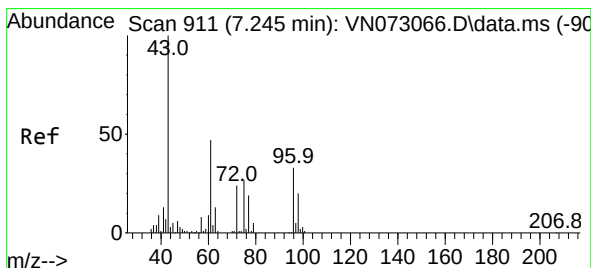
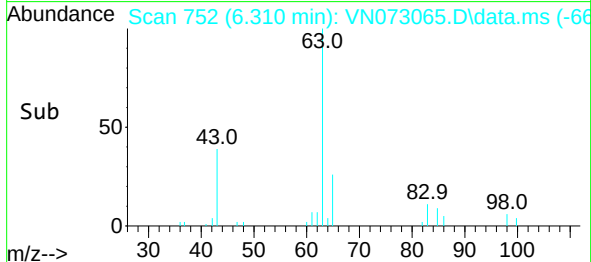
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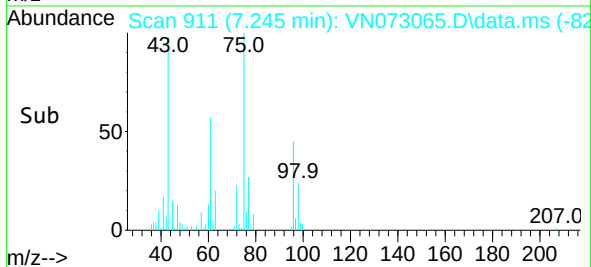
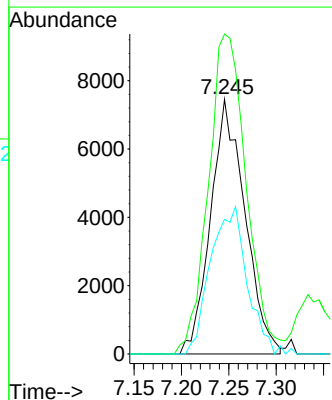
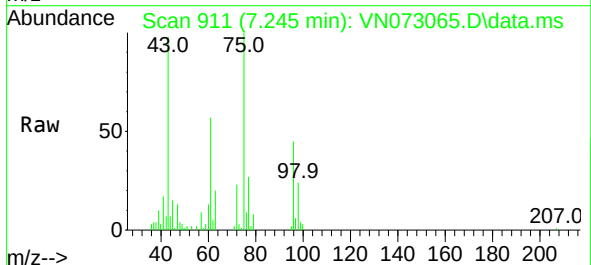
06/24/2022  
Supervised By :Mahesh  
Dadoda

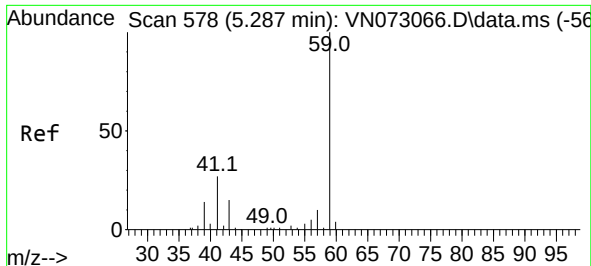
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#22  
cis-1,2-Dichloroethene  
Concen: 4.905 ug/l  
RT: 7.245 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion: 96 Resp: 18844  
Ion Ratio Lower Upper  
96 100  
61 138.8 115.7 173.5  
98 60.9 51.6 77.4





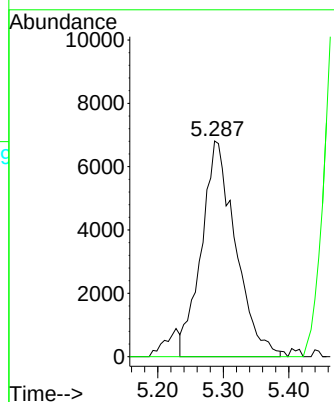
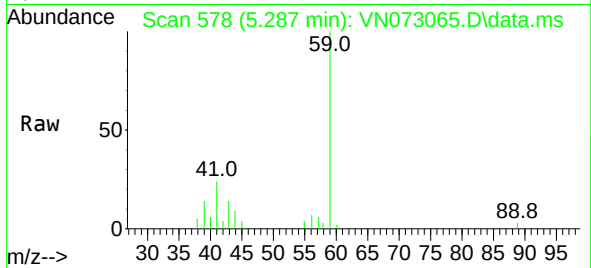
#23  
tert-Butyl Alcohol  
Concen: 22.789 ug/l  
RT: 5.287 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 59 Resp: 24554  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0

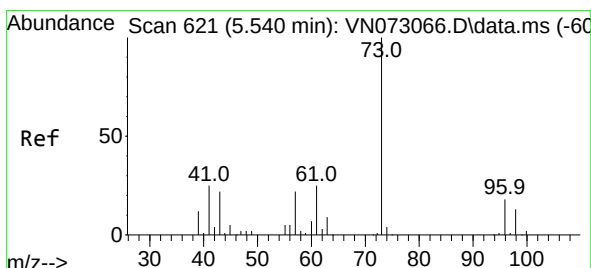
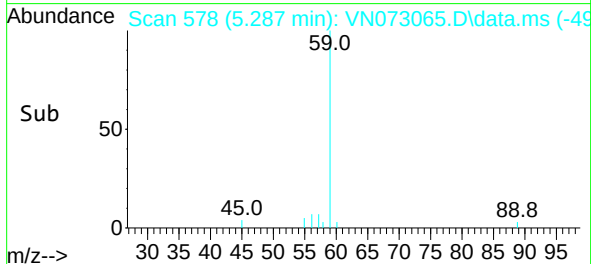
Manual Integrations  
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Reviewed By :John Carlone 06/24/2022  
Supervised By :Mahesh Dadoda 06/28/2022



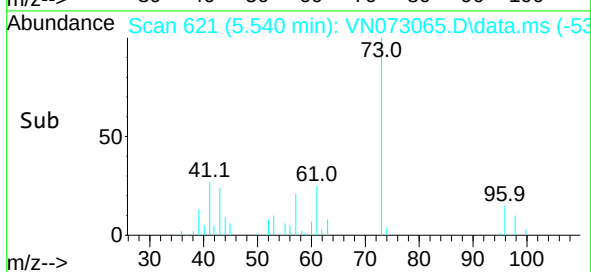
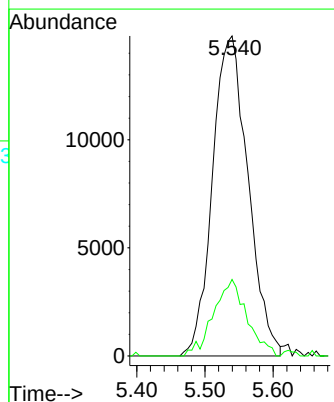
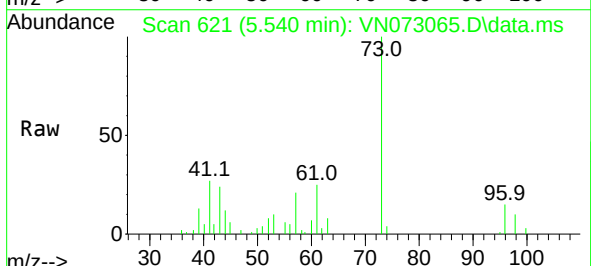
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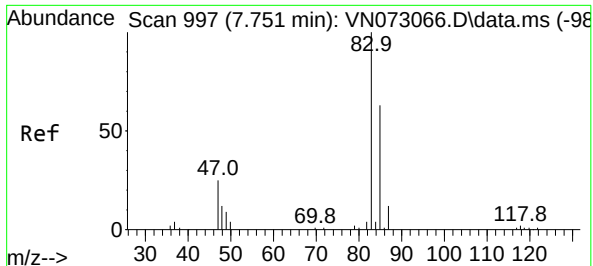
06/28/2022



#24  
Methyl tert-Butyl Ether  
Concen: 4.319 ug/l  
RT: 5.540 min Scan# 621  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion: 73 Resp: 53622  
Ion Ratio Lower Upper  
73 100  
43 21.5 18.1 27.1





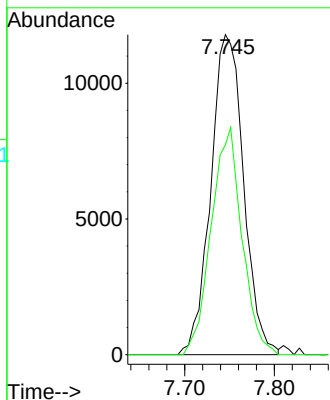
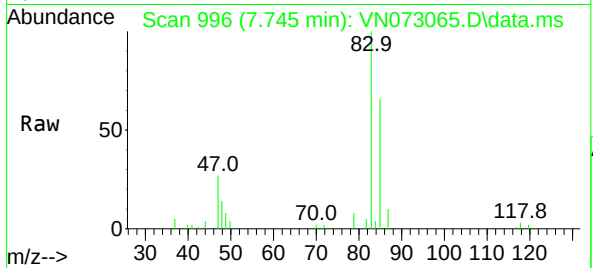
#25  
Chloroform  
Concen: 4.382 ug/l  
RT: 7.745 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDIC005

Tgt Ion: 83 Resp: 2996  
Ion Ratio Lower Upper  
83 100  
85 65.6 51.3 76.9

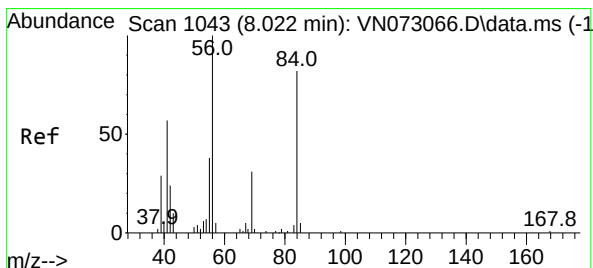
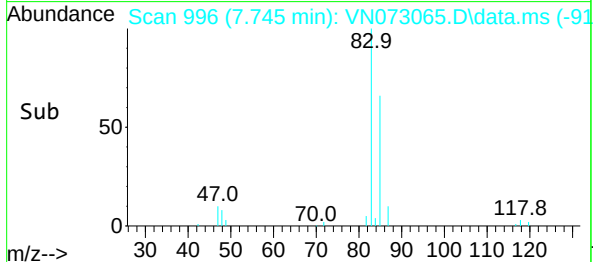
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Supervised By :Mahesh Dadoda 06/28/2022



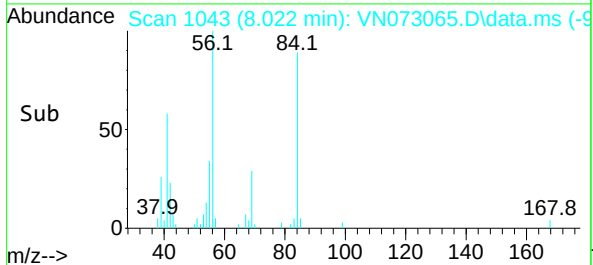
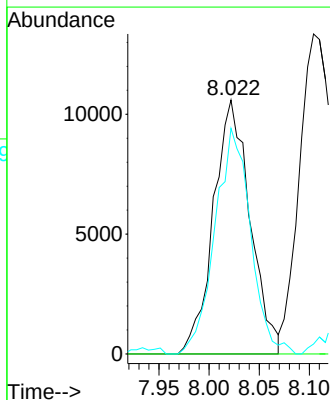
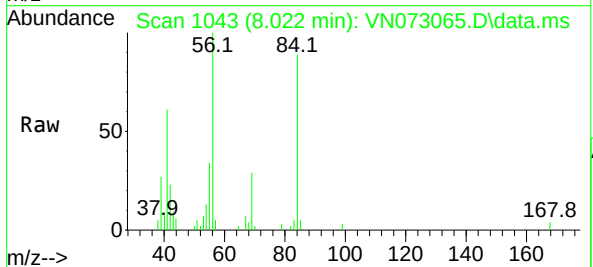
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Dadoda

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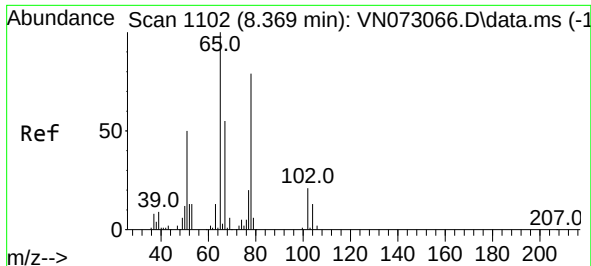


#26  
Cyclohexane  
Concen: 4.776 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion: 56 Resp: 26924  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.1 0.1#  
84 85.3 74.6 111.8

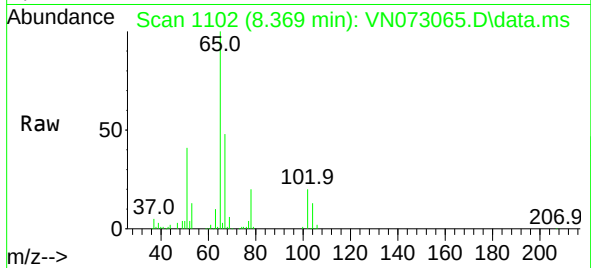






#27  
1,2-Dichloroethane-d4  
Concen: 27.402 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

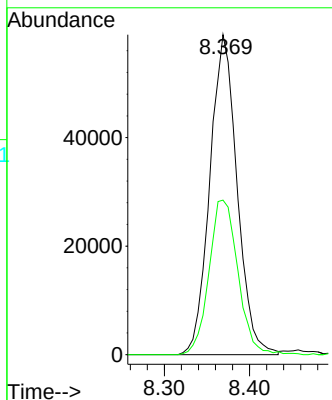
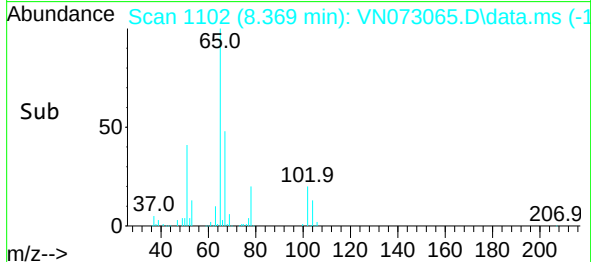
Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDIC005



Tgt Ion: 65 Resp: 131245  
Ion Ratio Lower Upper  
65 100  
67 51.2 40.2 60.2

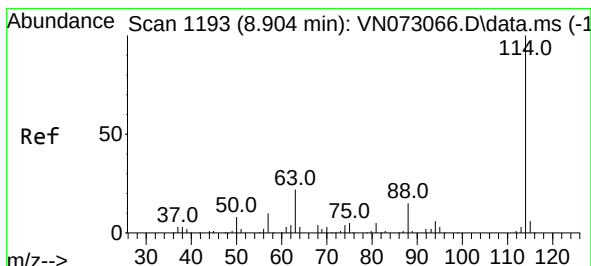
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Supervised By :Mahesh Dadoda 06/28/2022



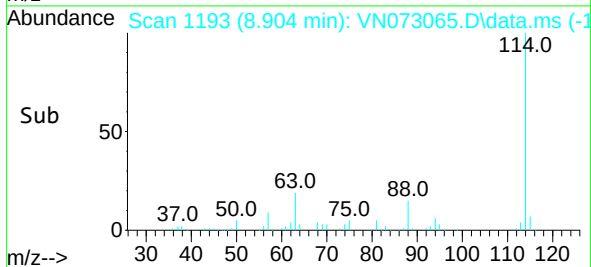
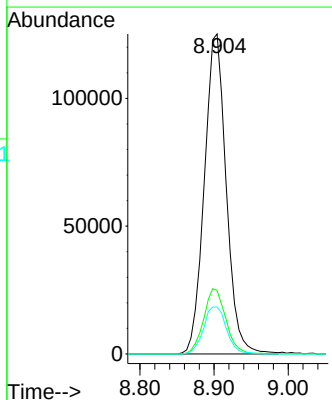
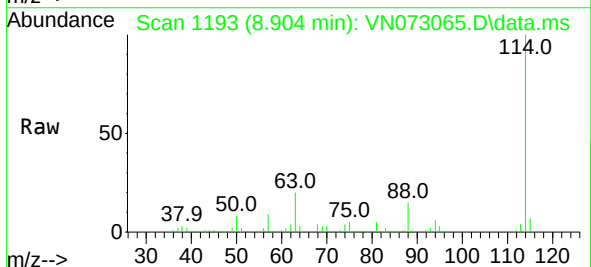
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Dadoda

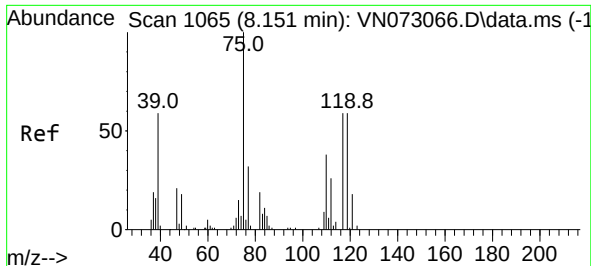
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#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

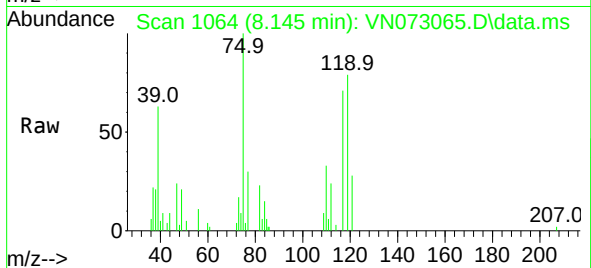
Tgt Ion:114 Resp: 257175  
Ion Ratio Lower Upper  
114 100  
63 20.6 15.8 23.6  
88 15.5 11.6 17.4





#29  
1,1-Dichloropropene  
Concen: 4.355 ug/l  
RT: 8.145 min Scan# 1064  
Delta R.T. -0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

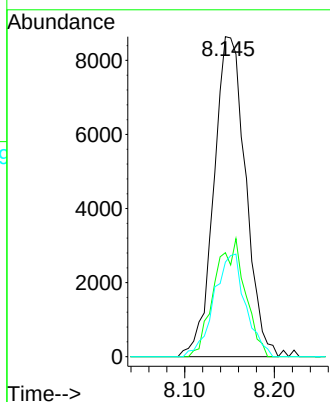
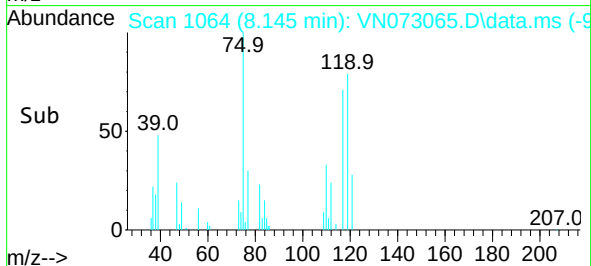
Instrument : MSVOA\_N  
ClientSampleId : VSTDIC005



Tgt Ion: 75 Resp: 21169  
Ion Ratio Lower Upper  
75 100  
110 20.8 0.0 74.2  
77 0.0 0.0 63.2

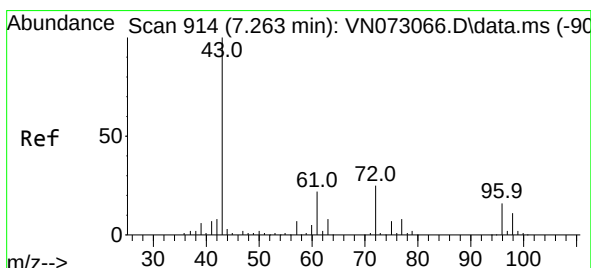
Manual Integrations  
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Supervised By :Mahesh Dadoda 06/28/2022



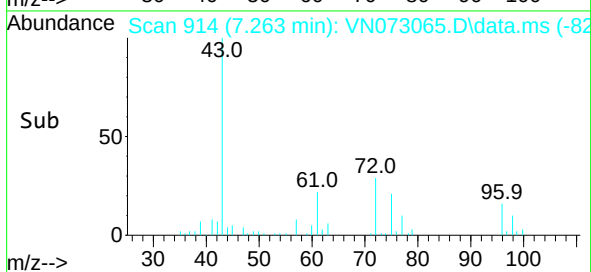
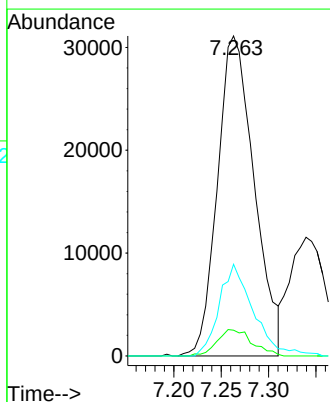
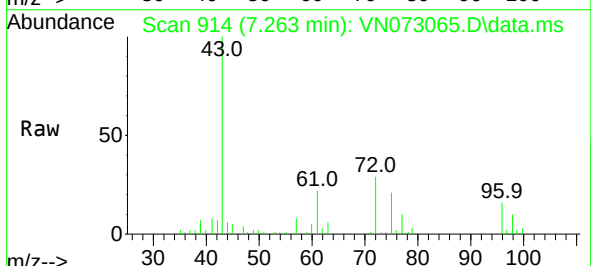
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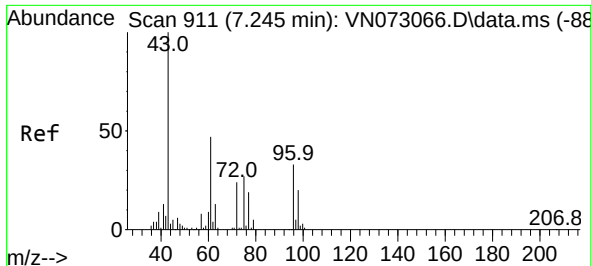
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#30  
2-Butanone  
Concen: 23.535 ug/l  
RT: 7.263 min Scan# 914  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

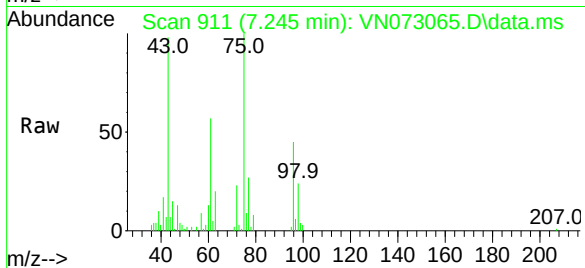
Tgt Ion: 43 Resp: 84085  
Ion Ratio Lower Upper  
43 100  
57 5.1 6.7 10.1#  
72 26.7 23.2 34.8





#31  
2,2-Dichloropropane  
Concen: 2.148 ug/l  
RT: 7.245 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

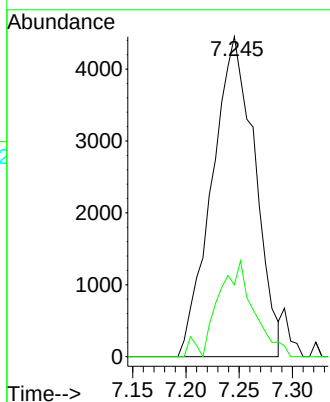
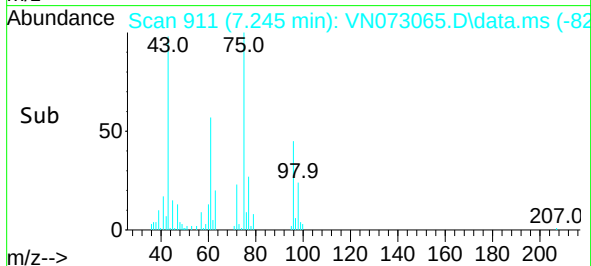
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 77 Resp: 1246  
Ion Ratio Lower Upper  
77 100  
97 11.9 18.3 27.5

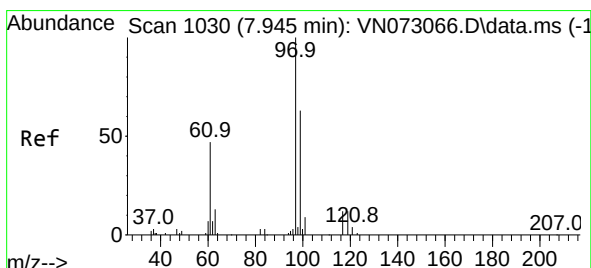
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Supervised By :Mahesh Dadoda 06/28/2022

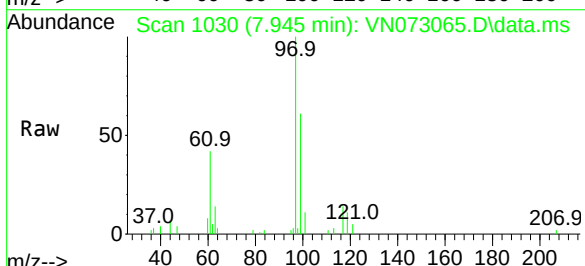


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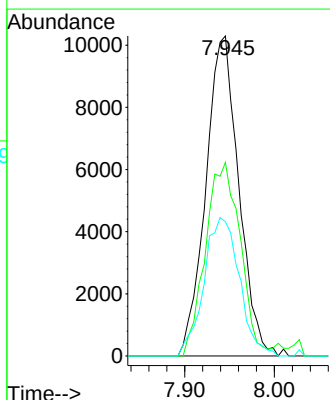
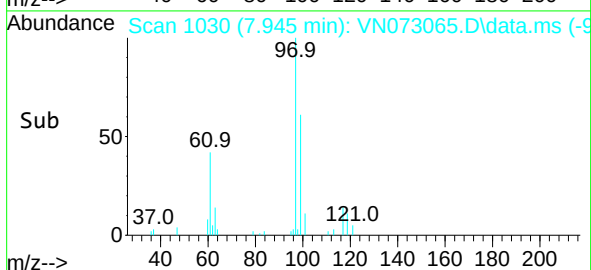
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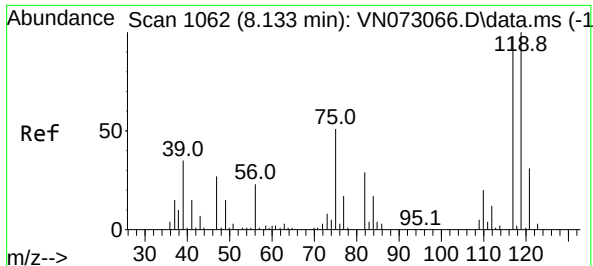


#32  
1,1,1-Trichloroethane  
Concen: 4.187 ug/l  
RT: 7.945 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09



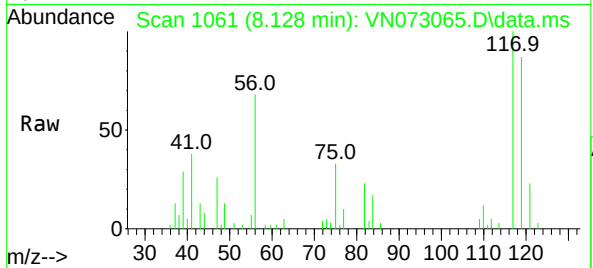
Tgt Ion: 97 Resp: 26250  
Ion Ratio Lower Upper  
97 100  
99 63.7 50.4 75.6  
61 46.5 34.6 51.8





#33  
Carbon Tetrachloride  
Concen: 4.004 ug/l  
RT: 8.128 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

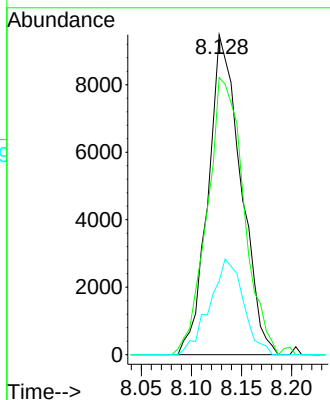
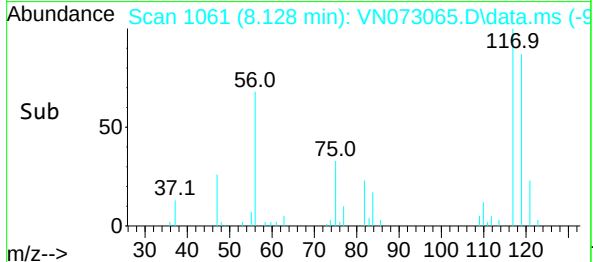
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 117 Resp: 2160  
Ion Ratio Lower Upper  
117 100  
119 86.6 77.5 116.3  
121 23.0 23.5 35.3

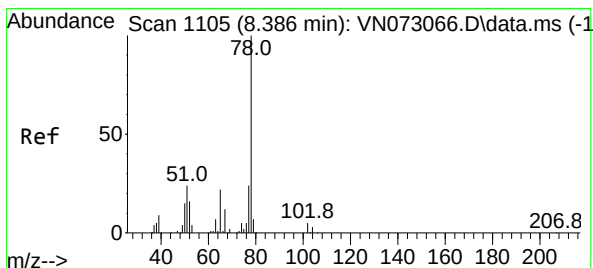
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Supervised By :Mahesh Dadoda 06/28/2022

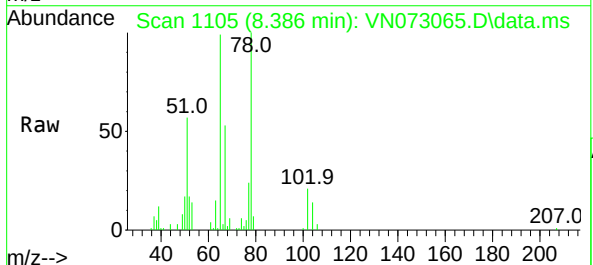


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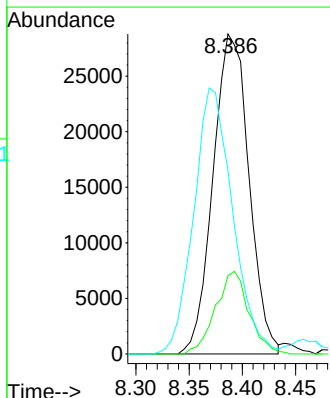
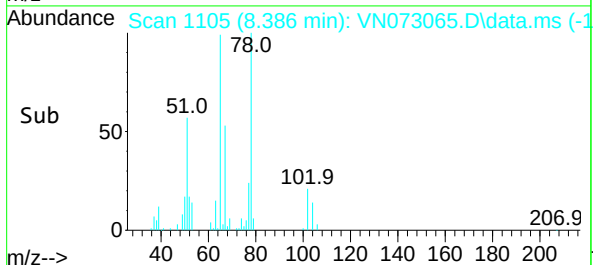
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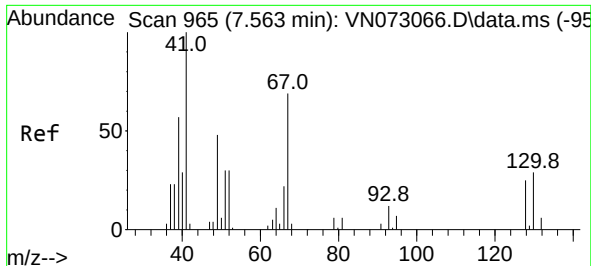


#34  
Benzene  
Concen: 4.628 ug/l  
RT: 8.386 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09



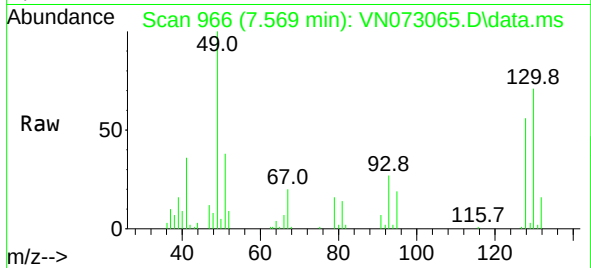
Tgt Ion: 78 Resp: 67525  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.1 28.7  
51 56.0 16.0 24.0#





#35  
Methacrylonitrile  
Concen: 4.377 ug/l  
RT: 7.569 min Scan# 965  
Delta R.T. 0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

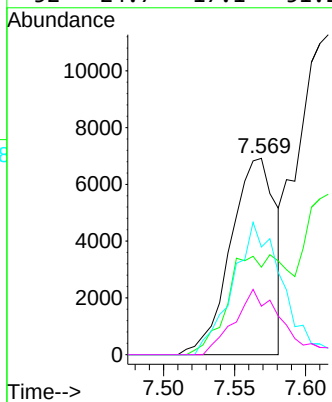
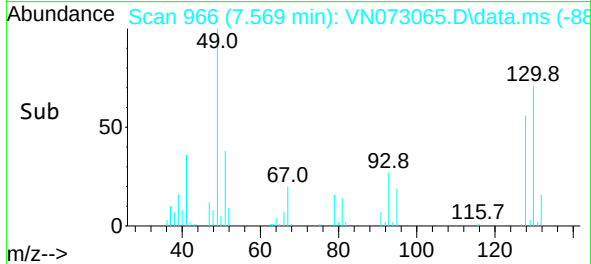
Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDIC005



Tgt Ion: 41 Resp: 1522  
Ion Ratio Lower Upper  
41 100  
39 44.6 28.0 83.9  
67 54.8 37.7 113.1  
52 24.7 17.1 51.2

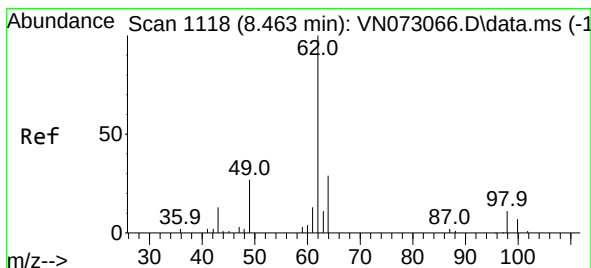
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Supervised By :Mahesh Dadoda 06/28/2022



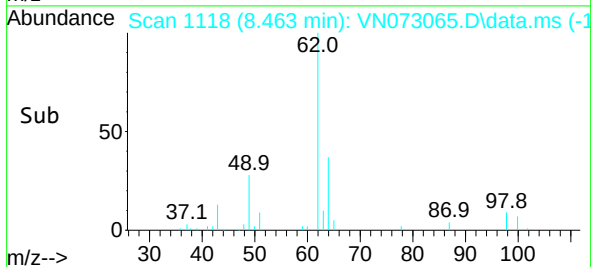
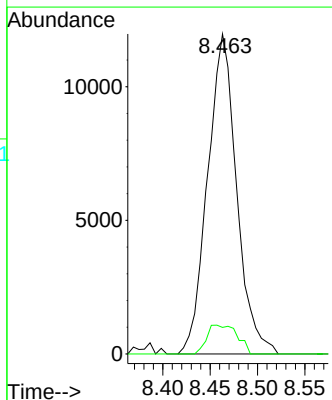
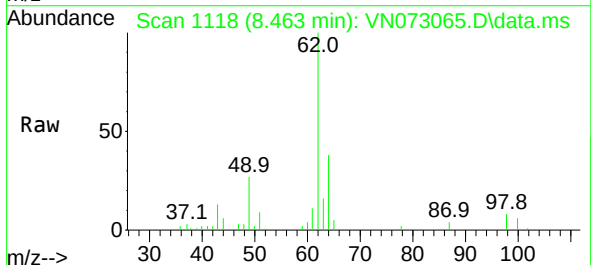
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Dadoda

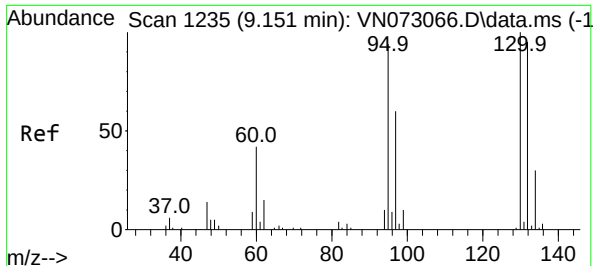
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#36  
1,2-Dichloroethane  
Concen: 4.279 ug/l  
RT: 8.463 min Scan# 1118  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

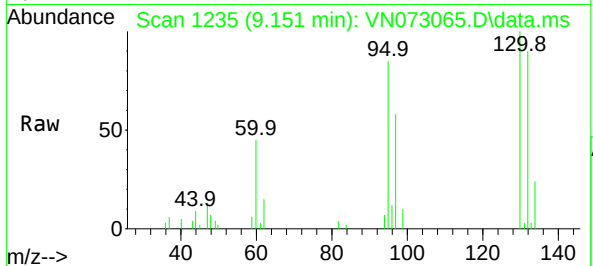
Tgt Ion: 62 Resp: 25558  
Ion Ratio Lower Upper  
62 100  
98 5.3 6.6 10.0#





#37  
Trichloroethene  
Concen: 4.908 ug/l  
RT: 9.151 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

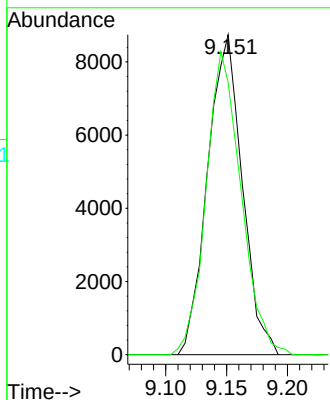
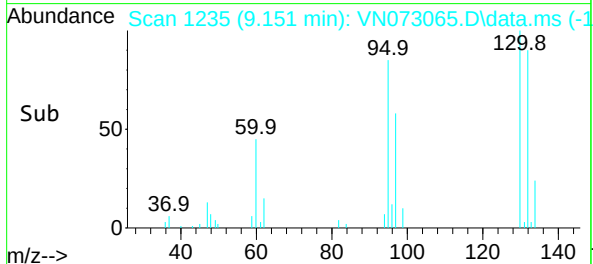
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion:130 Resp: 1727  
Ion Ratio Lower Upper  
130 100  
95 83.2 76.6 115.0

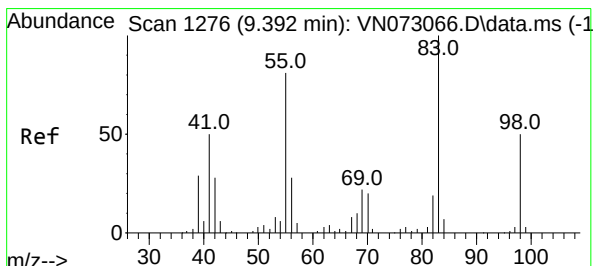
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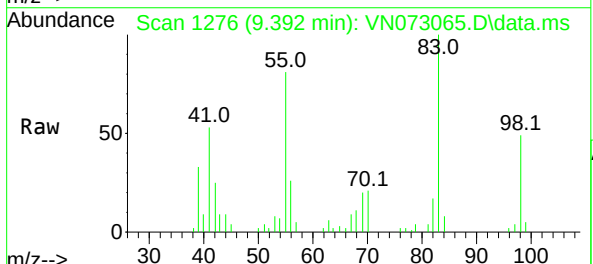


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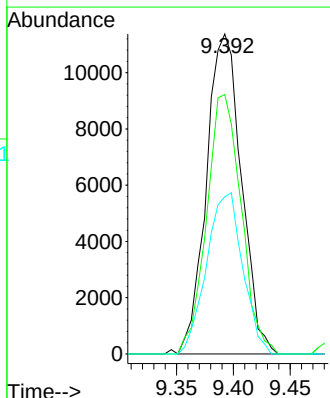
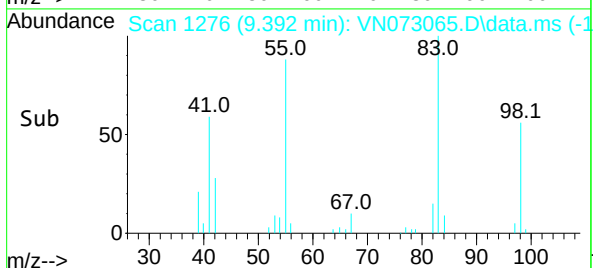
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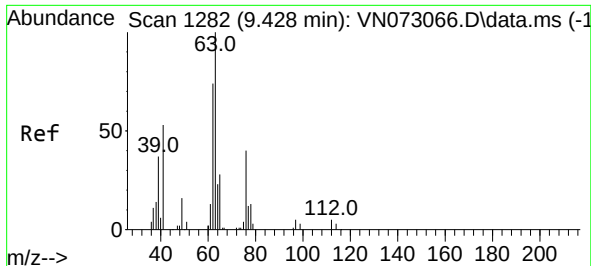


#38  
Methylcyclohexane  
Concen: 4.187 ug/l  
RT: 9.392 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09



Tgt Ion: 83 Resp: 24374  
Ion Ratio Lower Upper  
83 100  
55 79.9 35.1 105.3  
98 51.9 23.4 70.2





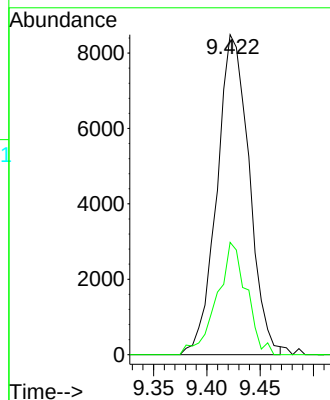
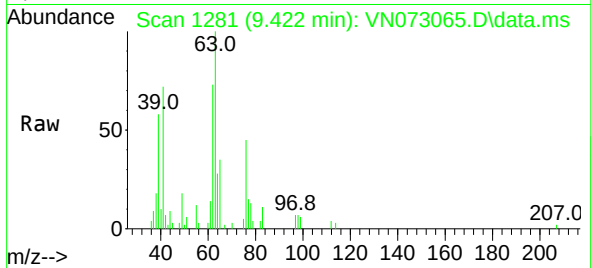
#39  
1,2-Dichloropropane  
Concen: 4.528 ug/l  
RT: 9.422 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 63 Resp: 1788  
Ion Ratio Lower Upper  
63 100  
65 35.1 24.2 36.4

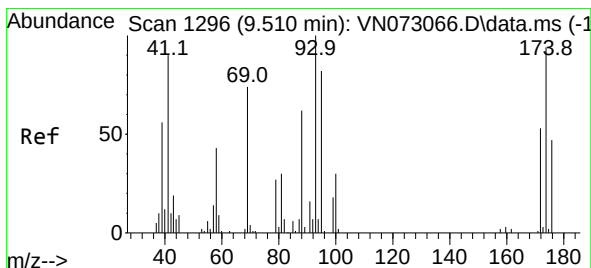
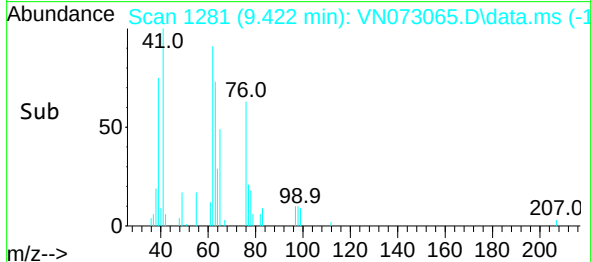
Manual Integrations  
APPROVED

Reviewed By :John Carlone 06/24/2022  
Supervised By :Mahesh Dadoda 06/28/2022



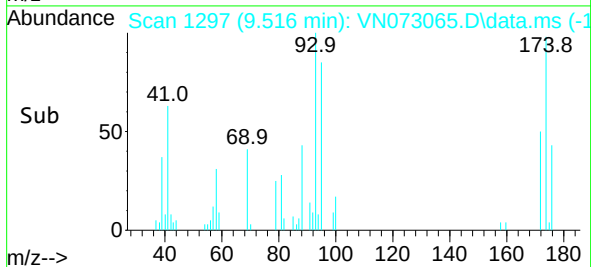
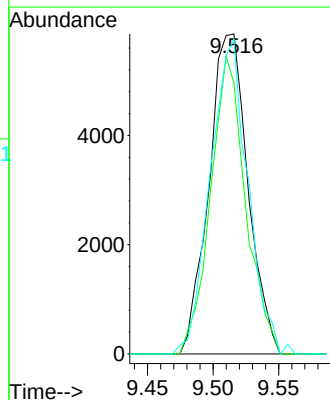
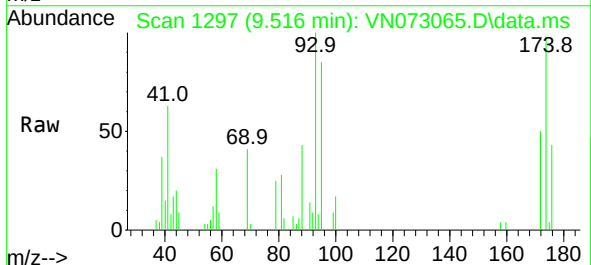
06/24/2022  
Supervised By :Mahesh  
Dadoda

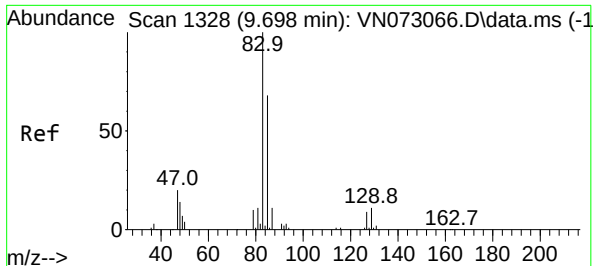
06/28/2022



#40  
Dibromomethane  
Concen: 4.481 ug/l  
RT: 9.516 min Scan# 1297  
Delta R.T. 0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

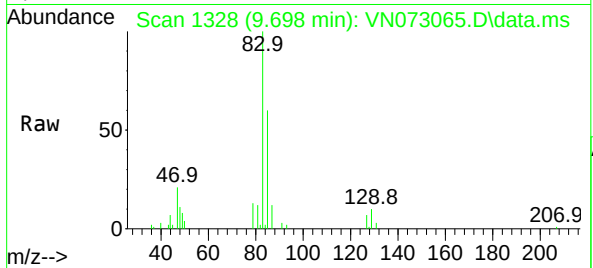
Tgt Ion: 93 Resp: 12142  
Ion Ratio Lower Upper  
93 100  
95 83.4 0.0 168.8  
174 94.5 0.0 173.6





#41  
Bromodichloromethane  
Concen: 4.188 ug/l  
RT: 9.698 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

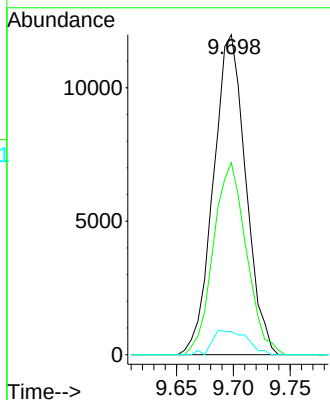
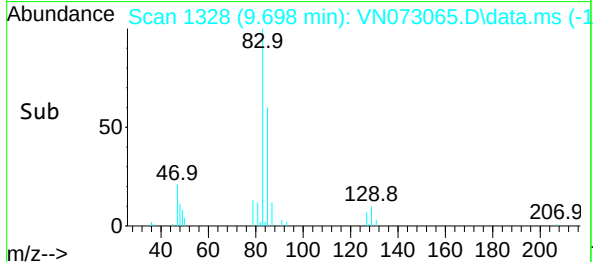
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 83 Resp: 23770  
Ion Ratio Lower Upper  
83 100  
85 60.0 54.1 81.1  
127 7.1 7.6 11.4

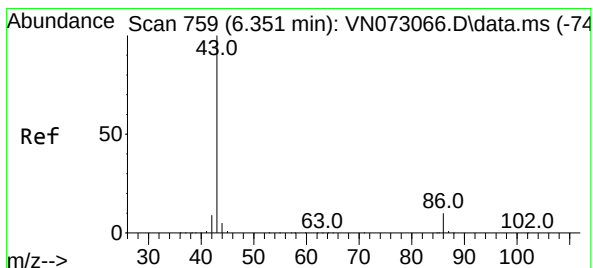
Manual Integrations  
APPROVED

Reviewed By :John Carlone 06/24/2022  
Supervised By :Mahesh Dadoda 06/28/2022

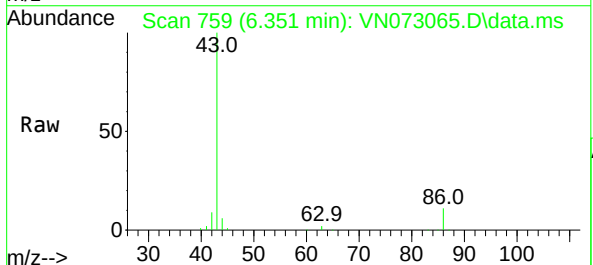


06/24/2022  
Supervised By :Mahesh  
Dadoda

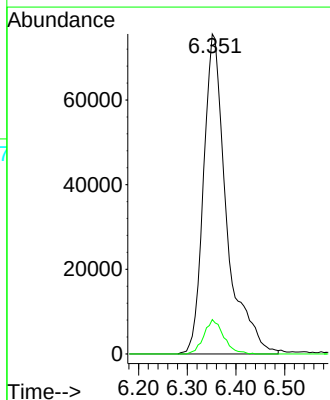
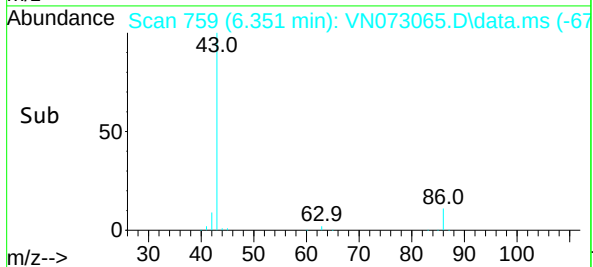
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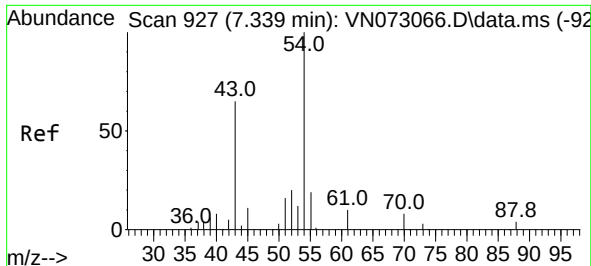
#42  
Vinyl Acetate  
Concen: 21.645 ug/l  
RT: 6.351 min Scan# 759  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09



Tgt Ion: 43 Resp: 247946  
Ion Ratio Lower Upper  
43 100  
86 9.2 7.5 11.3

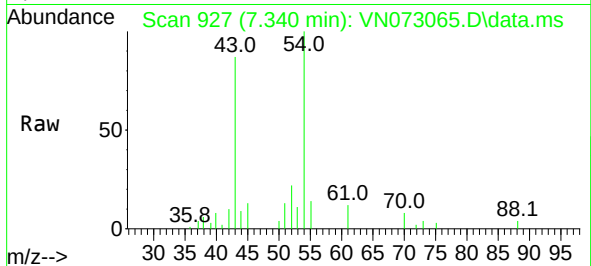






#43  
Ethyl Acetate  
Concen: 3.707 ug/l  
RT: 7.340 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

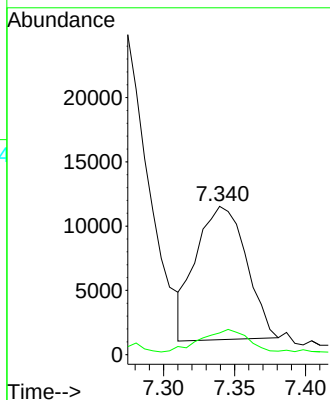
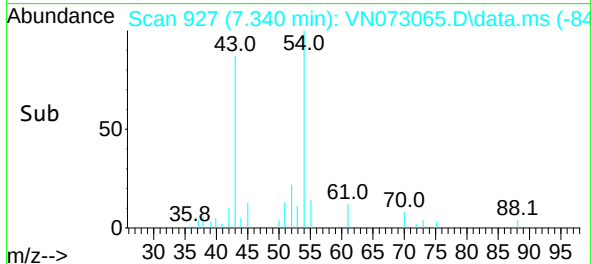
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 43 Resp: 25492  
Ion Ratio Lower Upper  
43 100  
45 19.7 10.6 16.0

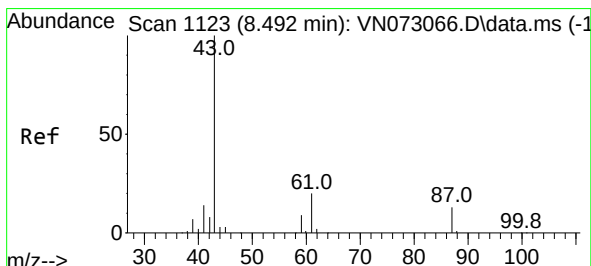
Manual Integrations  
APPROVED

Reviewed By :John Carlone 06/24/2022  
Supervised By :Mahesh Dadoda 06/28/2022

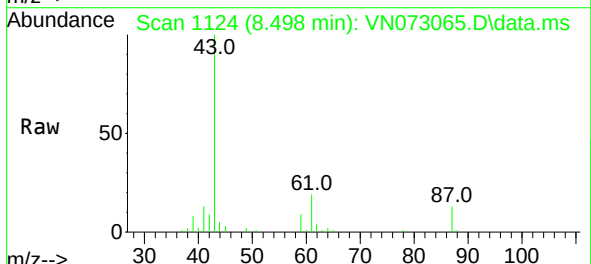


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Supervised By :Mahesh  
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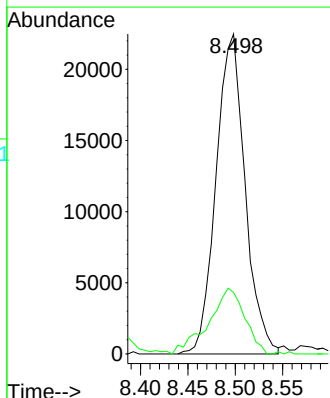
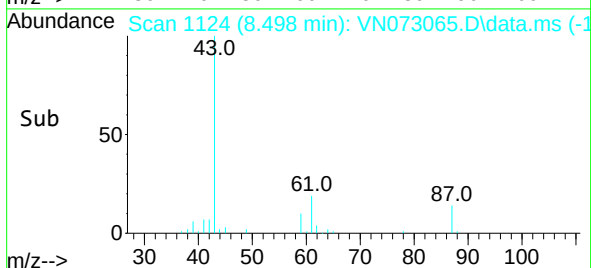
06/28/2022

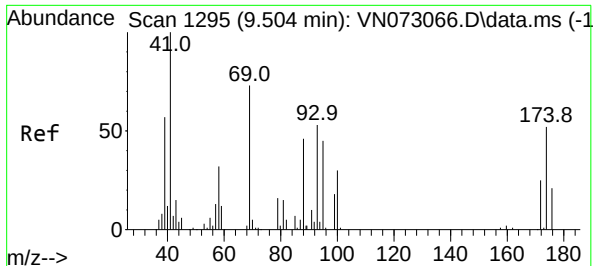


#44  
Isopropyl Acetate  
Concen: 4.327 ug/l  
RT: 8.498 min Scan# 1124  
Delta R.T. 0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09



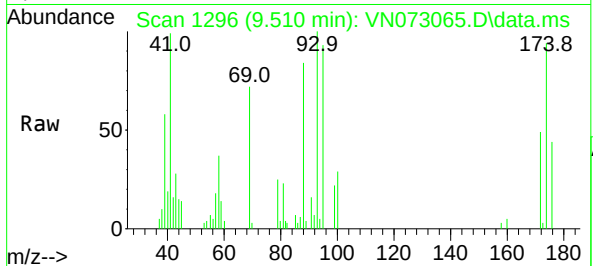
Tgt Ion: 43 Resp: 47984  
Ion Ratio Lower Upper  
43 100  
61 25.5 20.1 30.1





#45  
1,4-Dioxane  
Concen: 96.063 ug/l  
RT: 9.510 min Scan# 1296  
Delta R.T. 0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

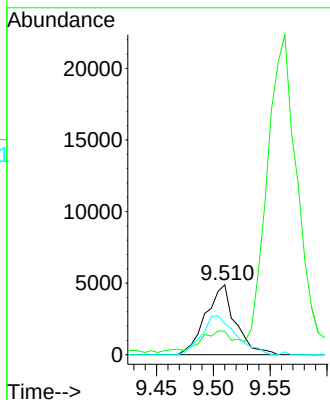
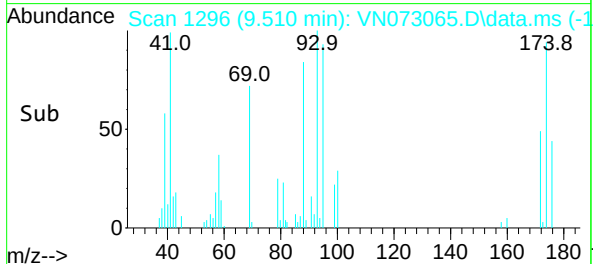
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 88 Resp: 886  
Ion Ratio Lower Upper  
88 100  
43 30.2 25.0 37.6  
58 64.0 49.4 74.2

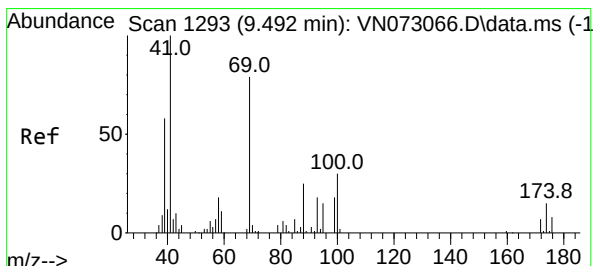
Manual Integrations  
APPROVED

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Supervised By :Mahesh Dadoda 06/28/2022

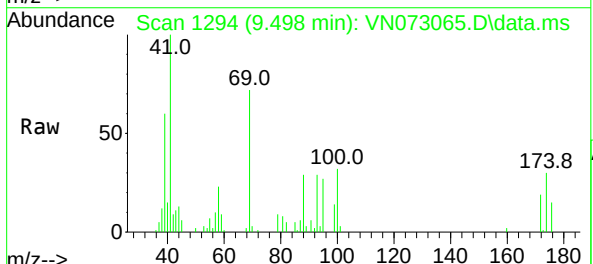


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Supervised By :Mahesh  
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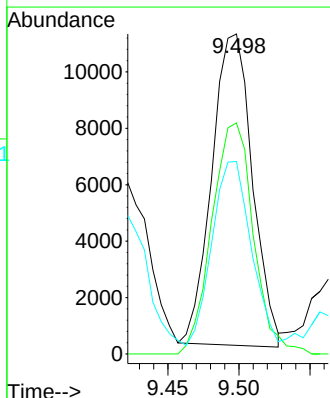
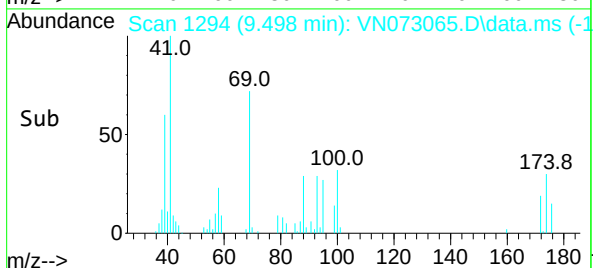
06/28/2022

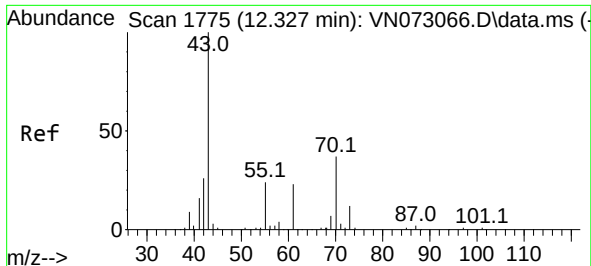


#46  
Methyl methacrylate  
Concen: 4.393 ug/l  
RT: 9.498 min Scan# 1294  
Delta R.T. 0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09



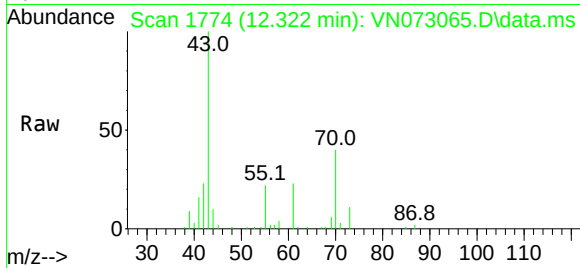
Tgt Ion: 41 Resp: 21891  
Ion Ratio Lower Upper  
41 100  
69 74.8 44.4 133.2  
39 58.3 39.9 119.6





#47  
n-amy1 Acetate  
Concen: 4.053 ug/l  
RT: 12.322 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

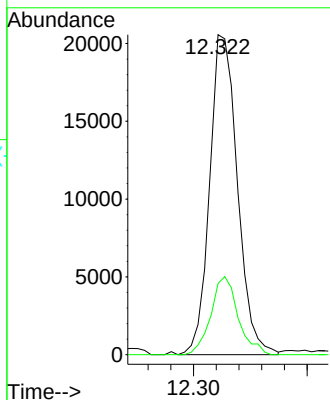
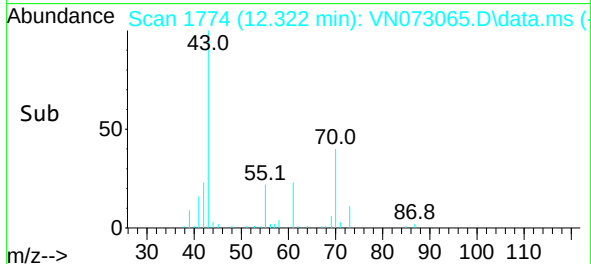
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 43 Resp: 3496  
Ion Ratio Lower Upper  
43 100  
55 24.0 19.0 28.6

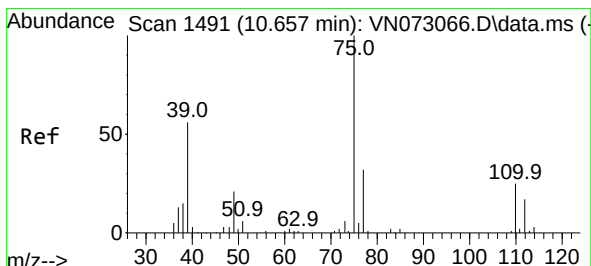
Manual Integrations  
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Supervised By :Mahesh Dadoda 06/28/2022



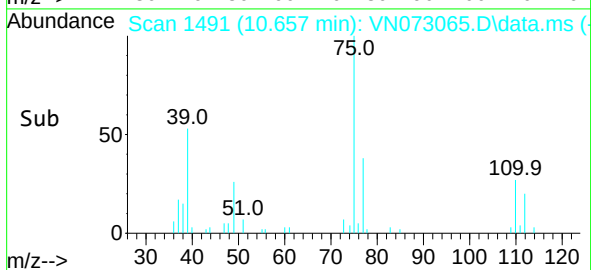
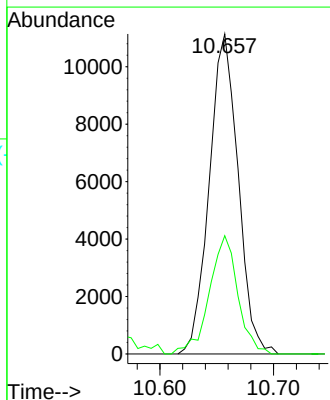
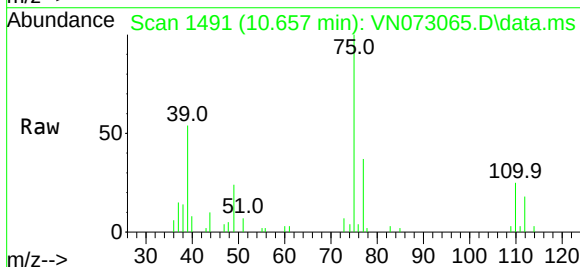
06/24/2022  
Supervised By :Mahesh  
Dadoda

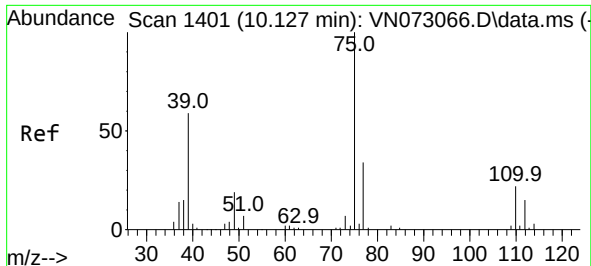
06/28/2022



#48  
t-1,3-Dichloropropene  
Concen: 3.120 ug/l  
RT: 10.657 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion: 75 Resp: 19679  
Ion Ratio Lower Upper  
75 100  
77 36.9 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 3.497 ug/l

RT: 10.128 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

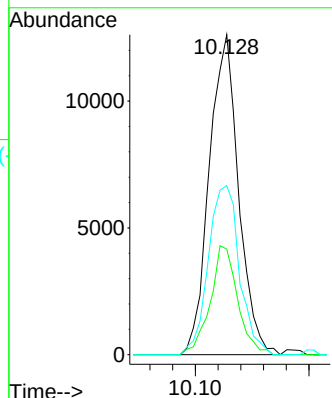
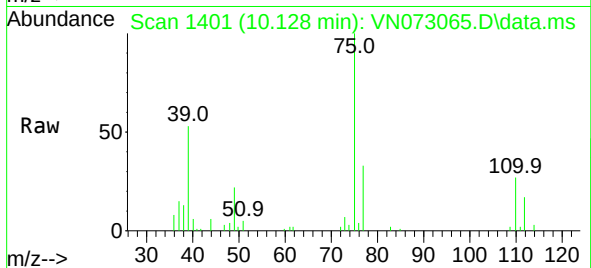
Tgt Ion: 75 Resp: 22649

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 33.0  | 25.3  | 37.9  |
| 39  | 52.8  | 46.2  | 69.4  |

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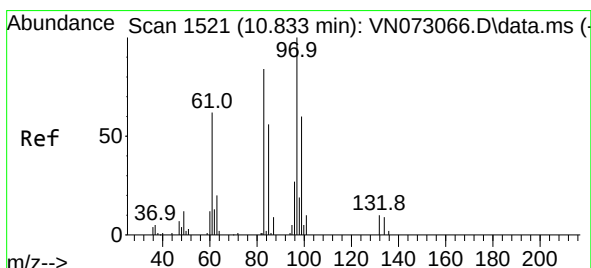
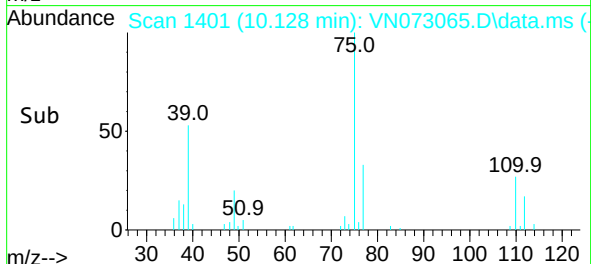
Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



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Supervised By :Mahesh  
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06/28/2022



#50

1,1,2-Trichloroethane

Concen: 4.617 ug/l

RT: 10.833 min Scan# 1521

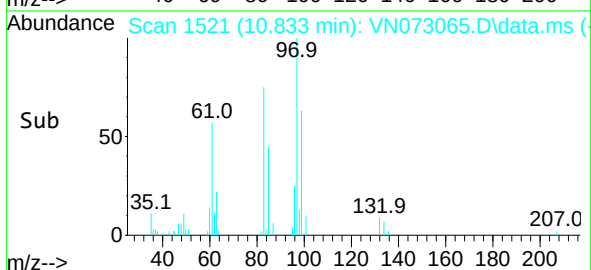
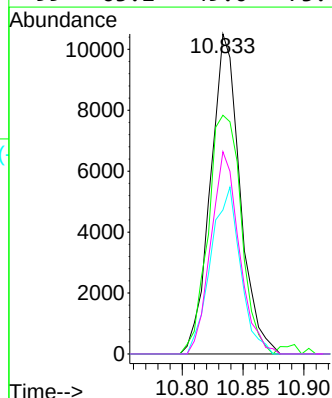
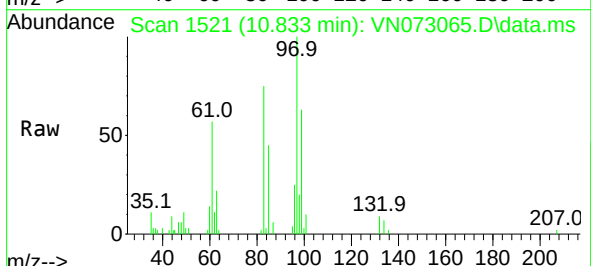
Delta R.T. 0.000 min

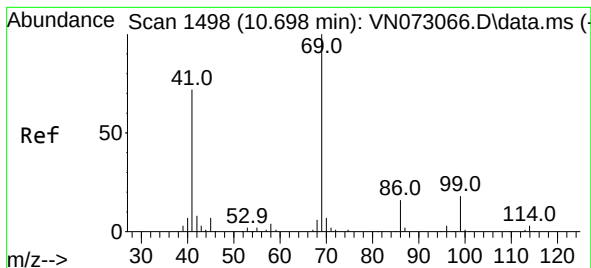
Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Tgt Ion: 97 Resp: 17673

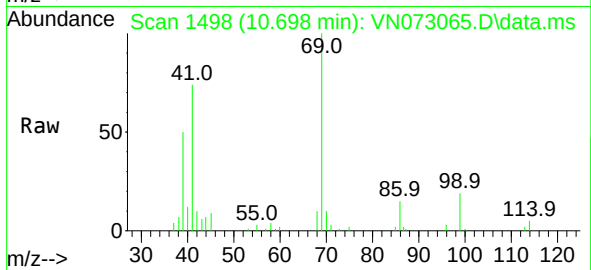
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 74.6  | 67.2  | 100.8 |
| 85  | 45.0  | 43.0  | 64.4  |
| 99  | 63.2  | 49.0  | 73.4  |





#51  
Ethyl methacrylate  
Concen: 3.867 ug/l  
RT: 10.698 min Scan# 1498  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

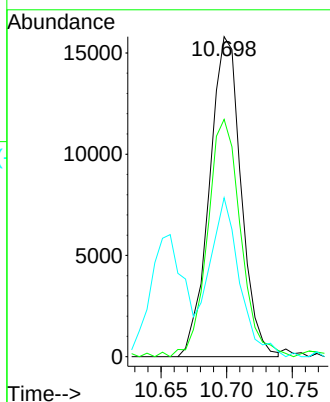
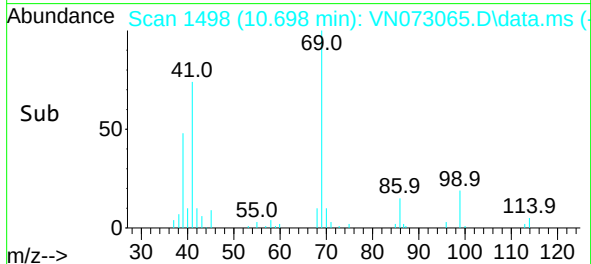
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 69 Resp: 2653  
Ion Ratio Lower Upper  
69 100  
41 72.2 33.0 98.9  
39 48.0 25.4 76.4

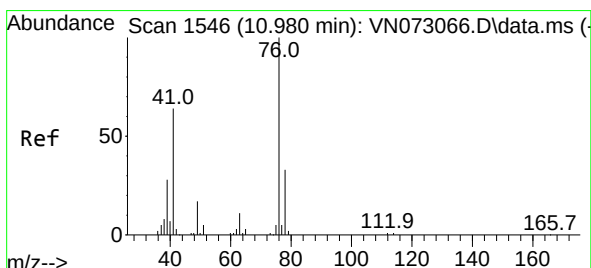
Manual Integrations  
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Supervised By :Mahesh Dadoda 06/28/2022

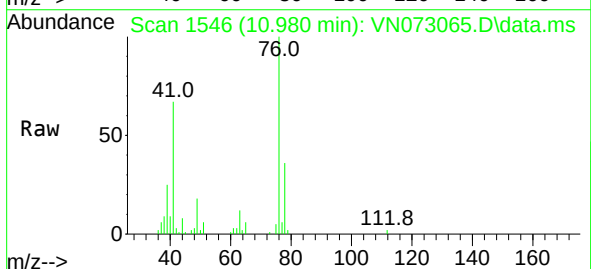


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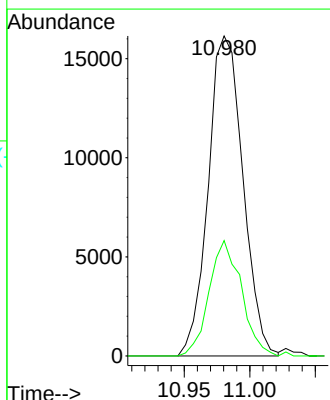
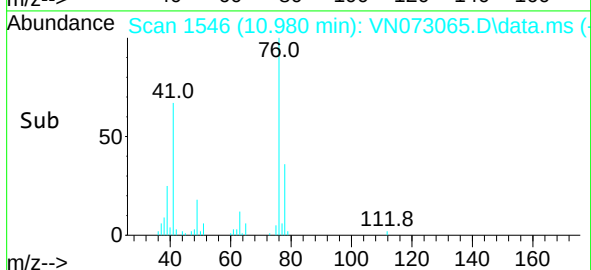
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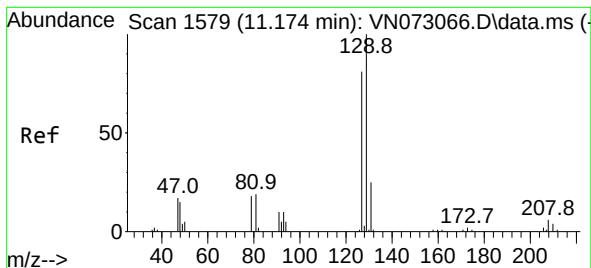


#52  
1,3-Dichloropropane  
Concen: 4.412 ug/l  
RT: 10.980 min Scan# 1546  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09



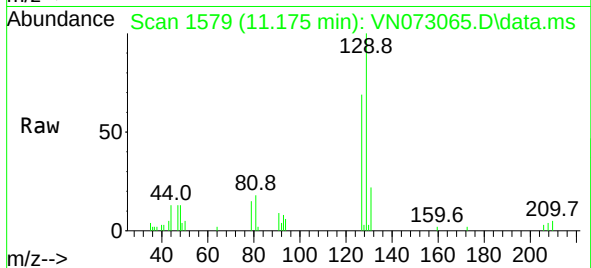
Tgt Ion: 76 Resp: 29730  
Ion Ratio Lower Upper  
76 100  
78 33.5 0.0 65.4





#53  
Dibromochloromethane  
Concen: 4.130 ug/l  
RT: 11.175 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

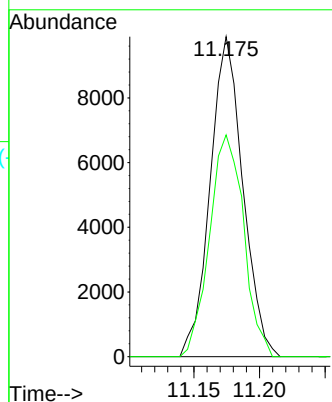
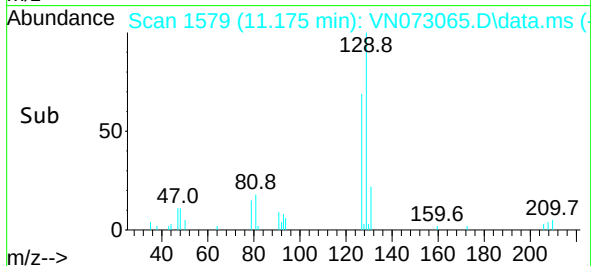
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion:129 Resp: 1715  
Ion Ratio Lower Upper  
129 100  
127 72.3 39.0 117.0

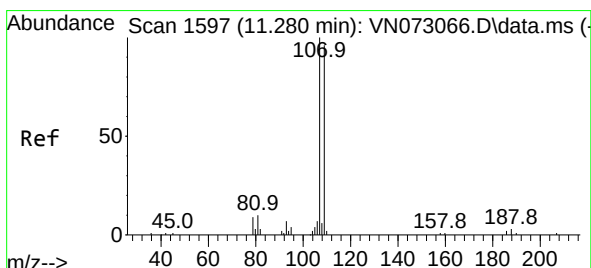
Manual Integrations  
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Supervised By :Mahesh Dadoda 06/28/2022

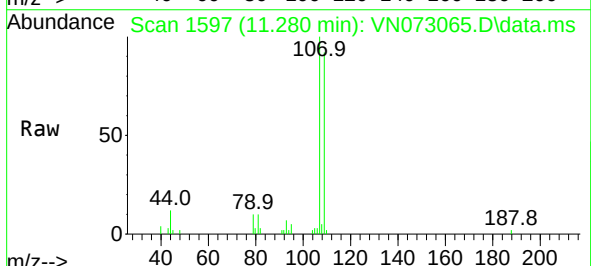


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Supervised By :Mahesh  
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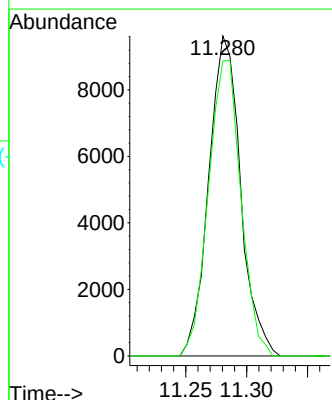
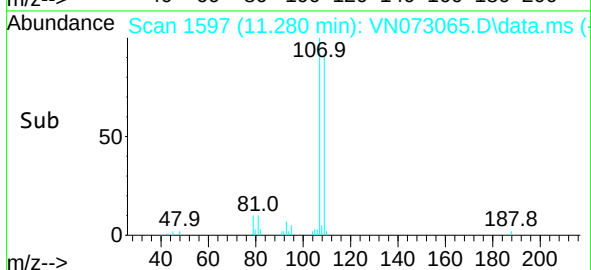
06/28/2022

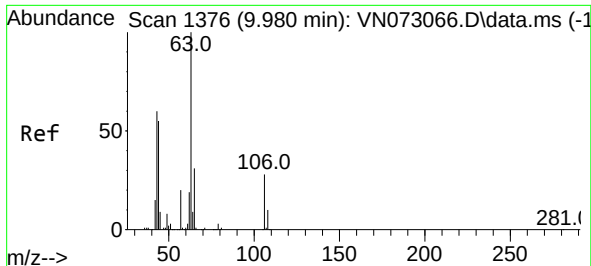


#54  
1,2-Dibromoethane  
Concen: 4.346 ug/l  
RT: 11.280 min Scan# 1597  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09



Tgt Ion:107 Resp: 17491  
Ion Ratio Lower Upper  
107 100  
109 94.1 72.8 109.2





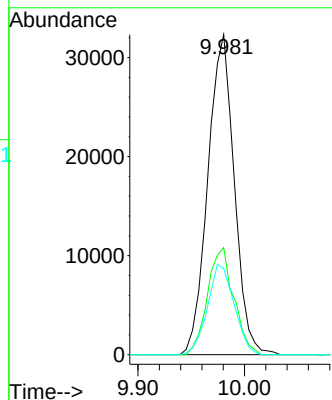
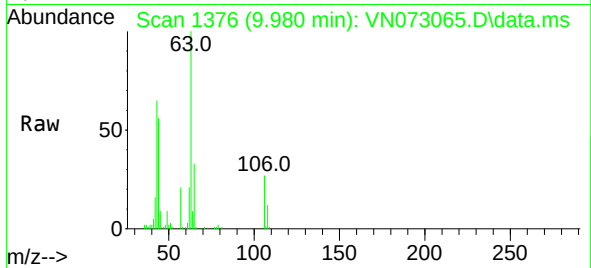
#55  
2-Chloroethyl vinyl ether  
Concen: 20.030 ug/l  
RT: 9.980 min Scan# 1376  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 63 Resp: 55800  
Ion Ratio Lower Upper  
63 100  
65 33.1 25.4 38.0  
106 28.4 23.2 34.8

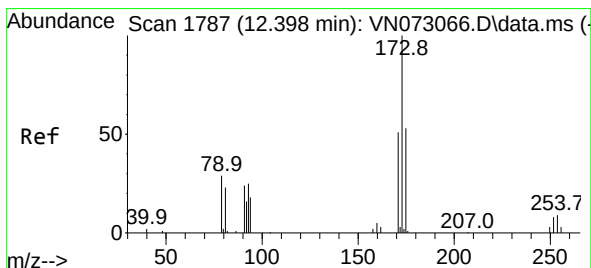
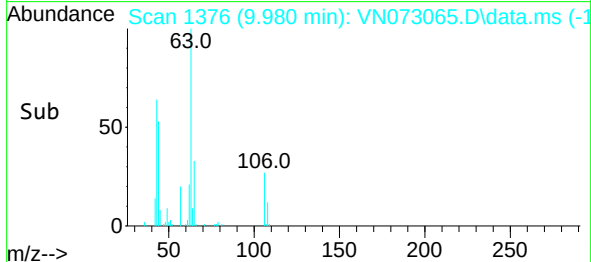
Manual Integrations  
APPROVED

Reviewed By :John Carlone 06/24/2022  
Supervised By :Mahesh Dadoda 06/28/2022



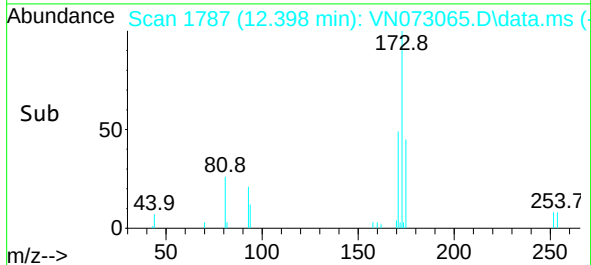
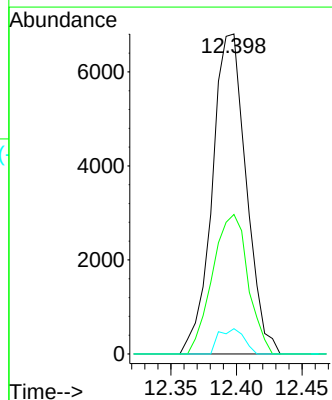
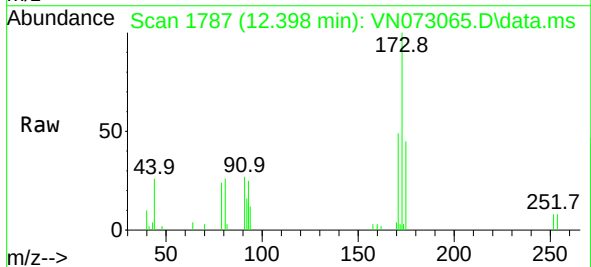
06/24/2022  
Supervised By :Mahesh  
Dadoda

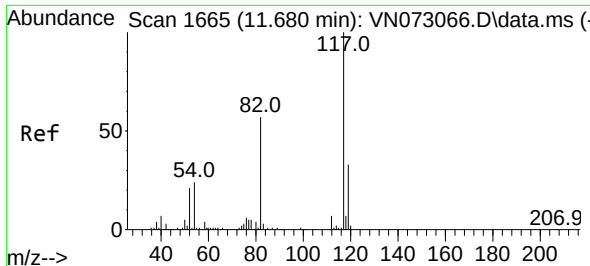
06/28/2022



#56  
Bromoform  
Concen: 4.193 ug/l  
RT: 12.398 min Scan# 1787  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

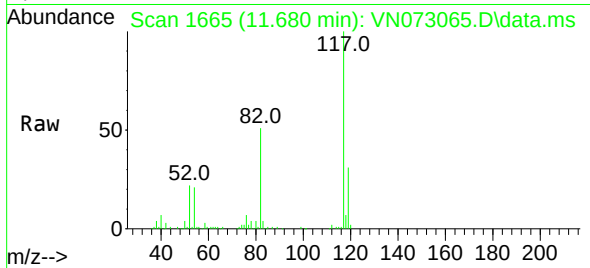
Tgt Ion:173 Resp: 12255  
Ion Ratio Lower Upper  
173 100  
175 45.5 38.6 58.0  
254 5.8 0.0 0.0#





#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

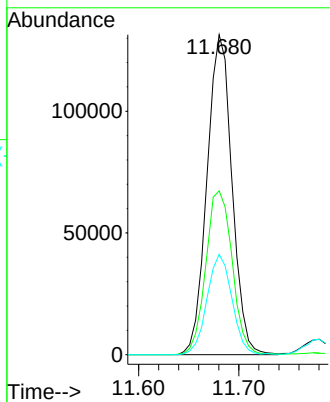
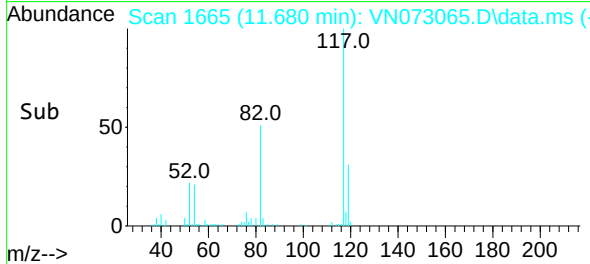
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 117 Resp: 228172  
Ion Ratio Lower Upper  
117 100  
82 54.0 43.6 65.4  
119 31.1 25.8 38.6

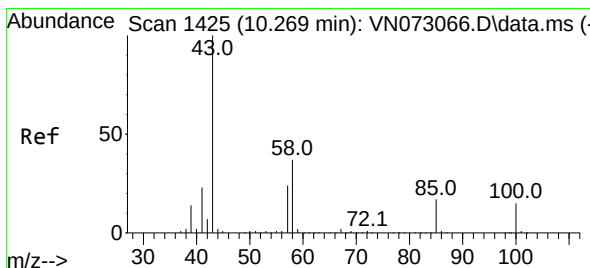
Manual Integrations  
APPROVED

Reviewed By :John Carlone 06/24/2022  
Supervised By :Mahesh Dadoda 06/28/2022



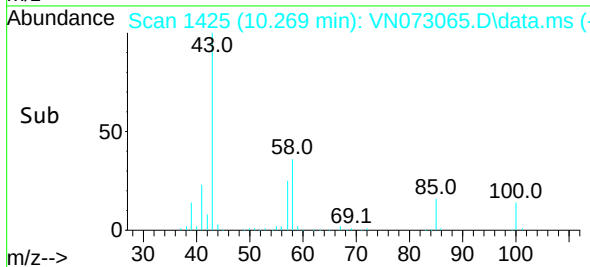
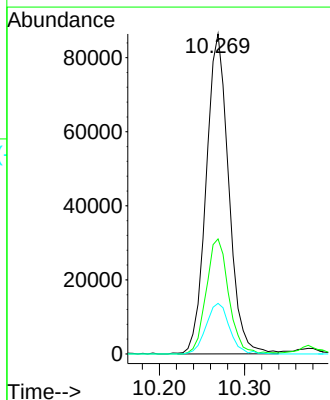
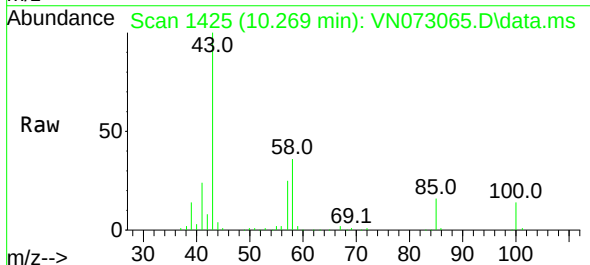
06/24/2022  
Supervised By :Mahesh  
Dadoda

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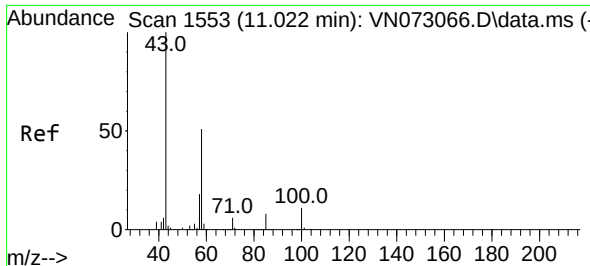


#58  
4-Methyl-2-Pentanone  
Concen: 23.232 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion: 43 Resp: 158585  
Ion Ratio Lower Upper  
43 100  
58 35.8 30.0 45.0  
85 16.2 15.0 22.6

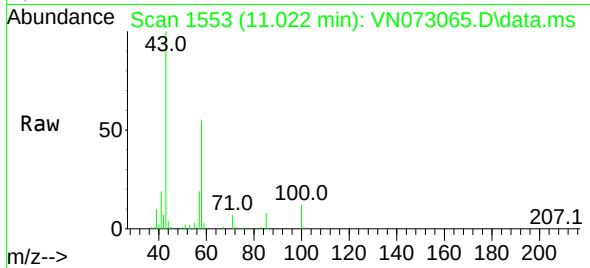






#59  
2-Hexanone  
Concen: 22.485 ug/l  
RT: 11.022 min Scan# 1553  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

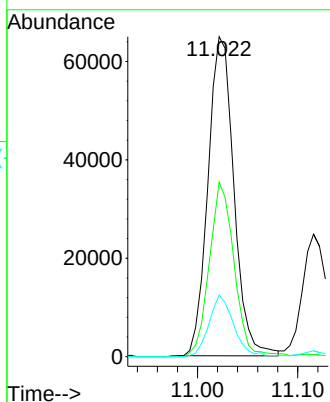
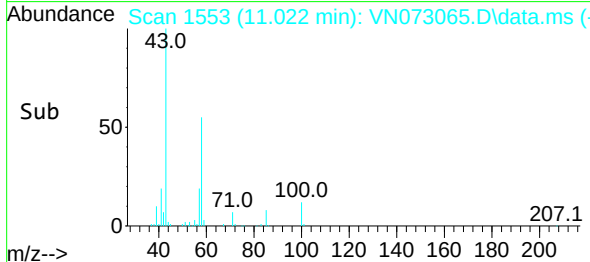
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 43 Resp: 116730  
Ion Ratio Lower Upper  
43 100  
58 52.2 42.2 63.2  
57 18.3 15.0 22.4

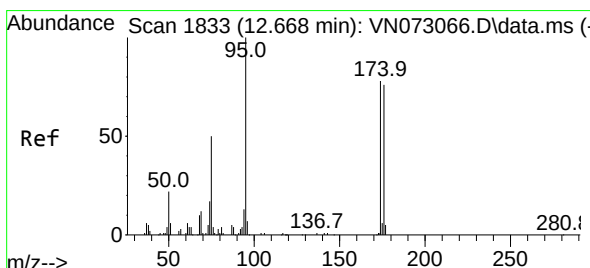
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Supervised By :Mahesh Dadoda 06/28/2022



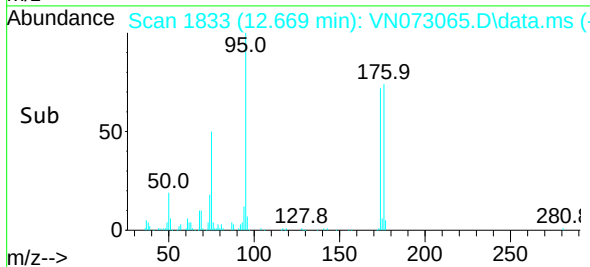
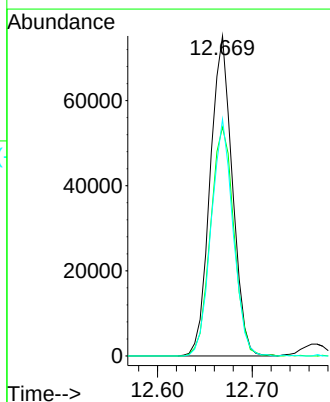
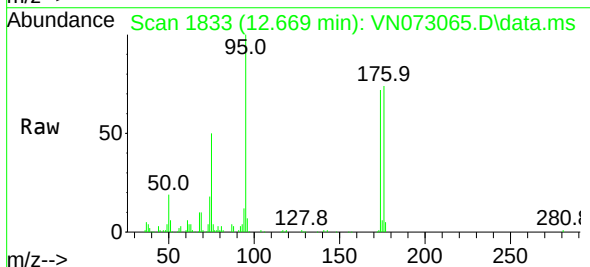
06/24/2022  
Supervised By :Mahesh  
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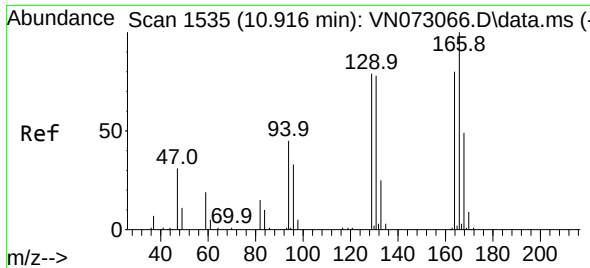
06/28/2022



#60  
4-Bromofluorobenzene  
Concen: 26.447 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

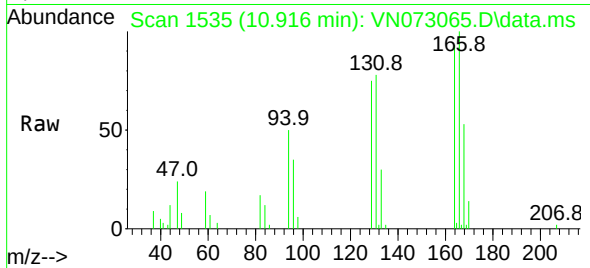
Tgt Ion: 95 Resp: 122382  
Ion Ratio Lower Upper  
95 100  
174 75.1 62.9 94.3  
176 72.7 61.0 91.4





#61  
Tetrachloroethene  
Concen: 4.948 ug/l  
RT: 10.916 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

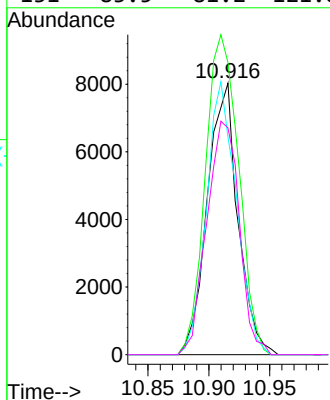
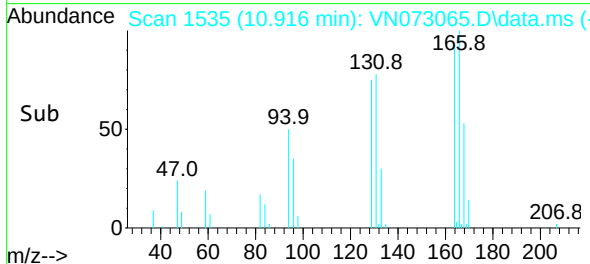
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion:164 Resp: 1404  
Ion Ratio Lower Upper  
164 100  
166 107.5 105.8 158.8  
129 80.1 82.5 123.7  
131 83.5 81.2 121.8

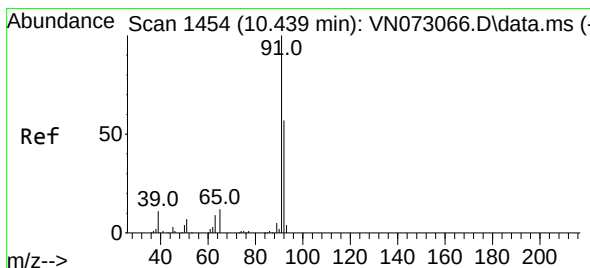
Manual Integrations  
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Reviewed By :John Carlone 06/24/2022  
Supervised By :Mahesh Dadoda 06/28/2022



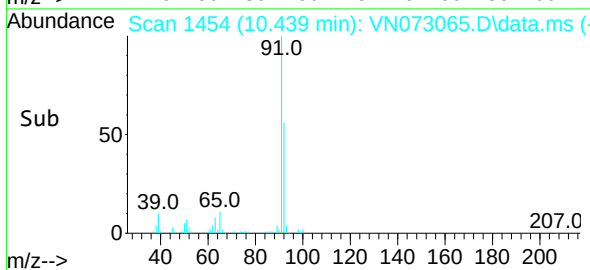
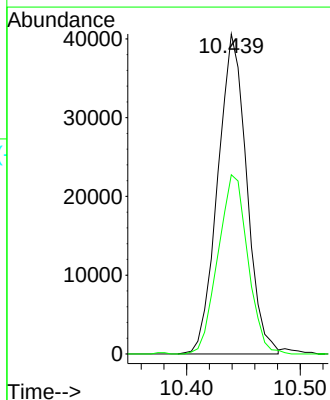
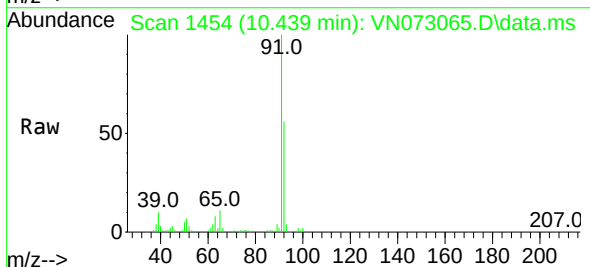
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Dadoda

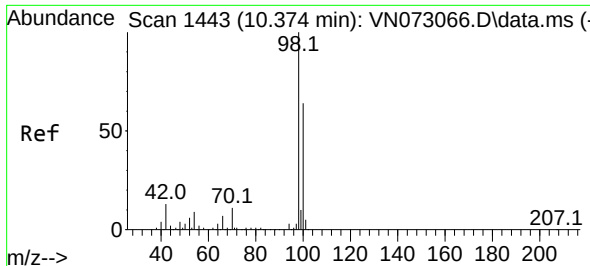
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#62  
Toluene  
Concen: 4.631 ug/l  
RT: 10.439 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

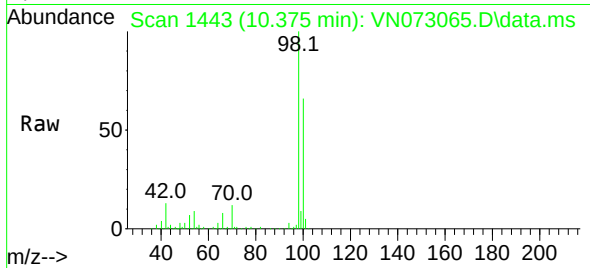
Tgt Ion: 91 Resp: 71676  
Ion Ratio Lower Upper  
91 100  
92 57.9 44.6 67.0





#63  
Toluene-d8  
Concen: 30.179 ug/l  
RT: 10.375 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

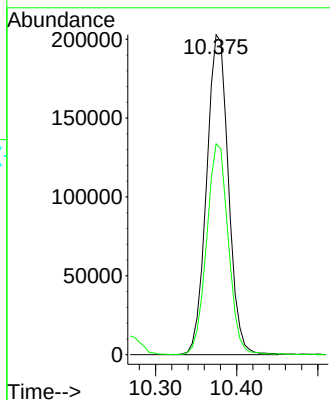
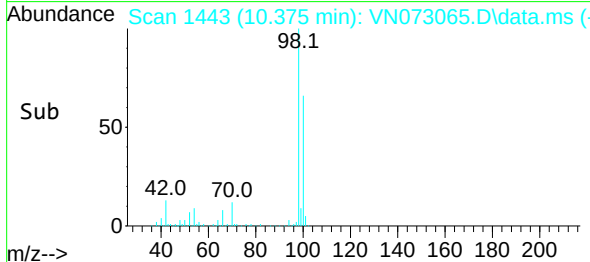
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005



Tgt Ion: 98 Resp: 37852  
Ion Ratio Lower Upper  
98 100  
100 65.6 50.6 76.0

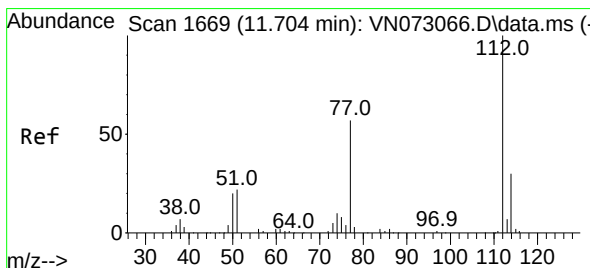
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Supervised By :Mahesh Dadoda 06/28/2022



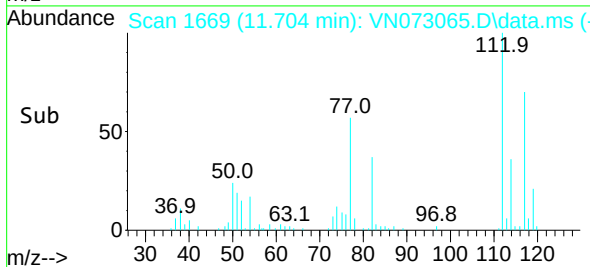
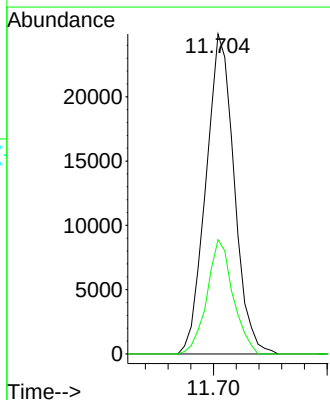
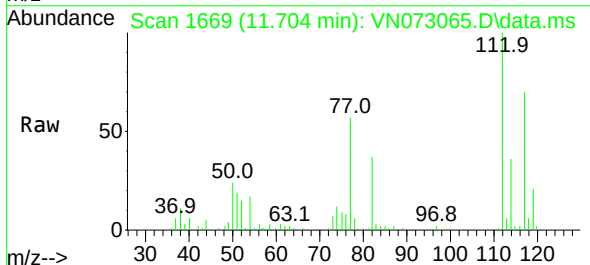
06/24/2022  
Supervised By :Mahesh  
Dadoda

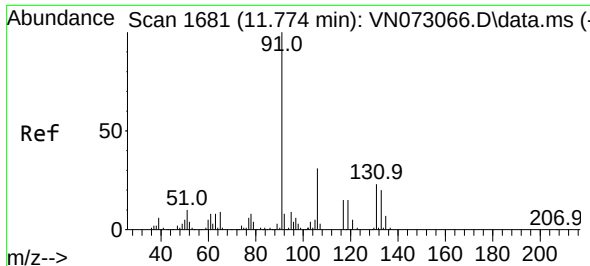
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#64  
Chlorobenzene  
Concen: 4.582 ug/l  
RT: 11.704 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

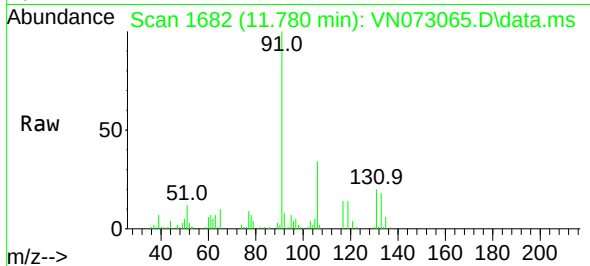
Tgt Ion:112 Resp: 43008  
Ion Ratio Lower Upper  
112 100  
114 35.7 25.8 38.6





#65  
1,1,1,2-Tetrachloroethane  
Concen: 4.585 ug/l  
RT: 11.780 min Scan# 1681  
Delta R.T. 0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

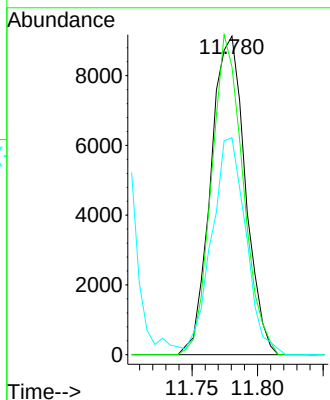
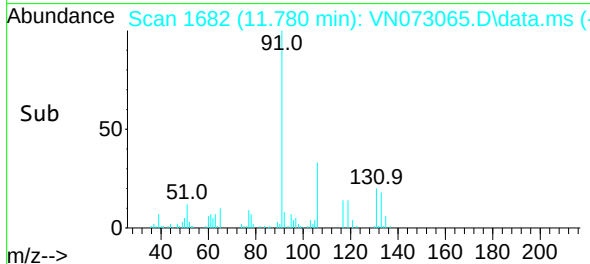
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion:131 Resp: 16688  
Ion Ratio Lower Upper  
131 100  
133 91.9 0.0 191.2  
119 67.4 0.0 128.8

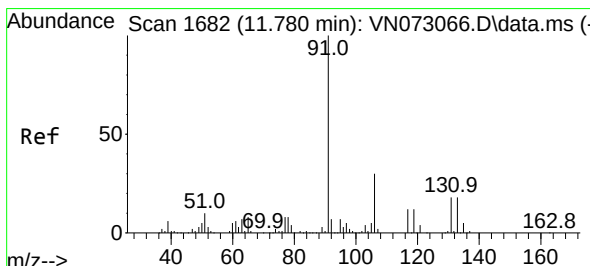
Manual Integrations  
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Supervised By :Mahesh Dadoda 06/28/2022



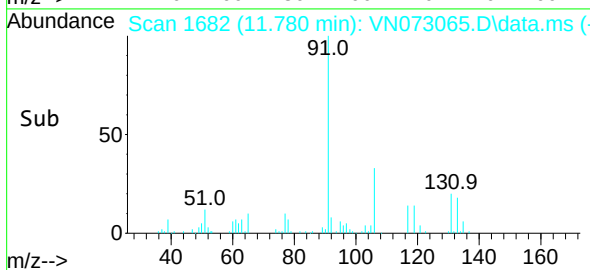
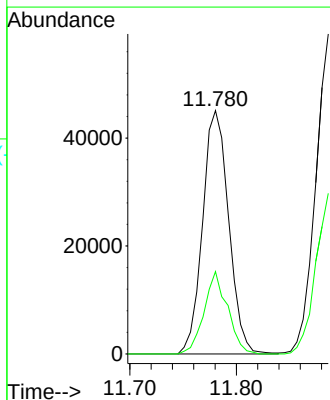
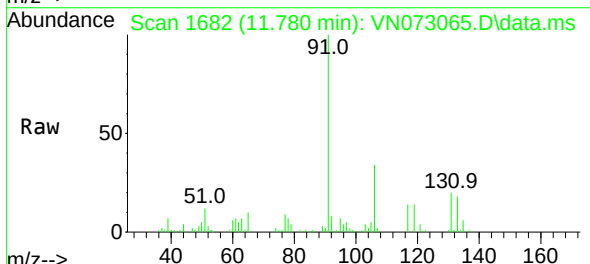
06/24/2022  
Supervised By :Mahesh  
Dadoda

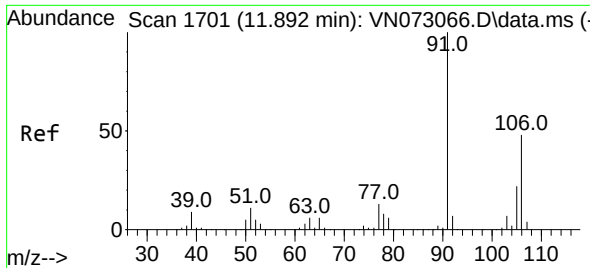
06/28/2022



#66  
Ethyl Benzene  
Concen: 4.373 ug/l  
RT: 11.780 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion: 91 Resp: 76726  
Ion Ratio Lower Upper  
91 100  
106 33.8 24.0 36.0





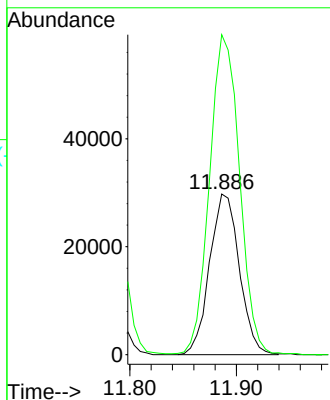
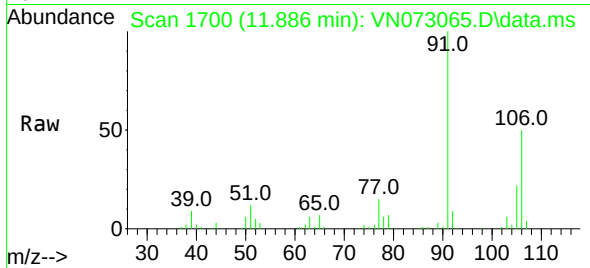
#67  
m/p-Xylenes  
Concen: 8.928 ug/l  
RT: 11.886 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:106 Resp: 5767  
Ion Ratio Lower Upper  
106 100  
91 201.2 162.9 244.3

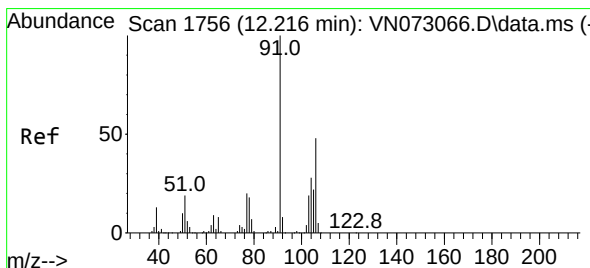
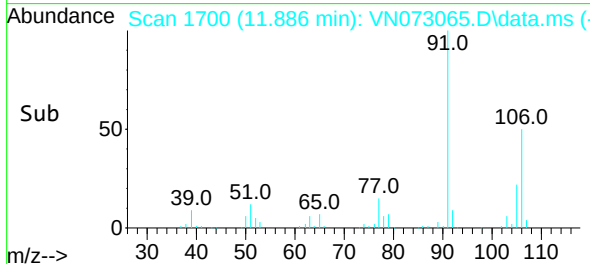
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Supervised By :Mahesh Dadoda 06/28/2022



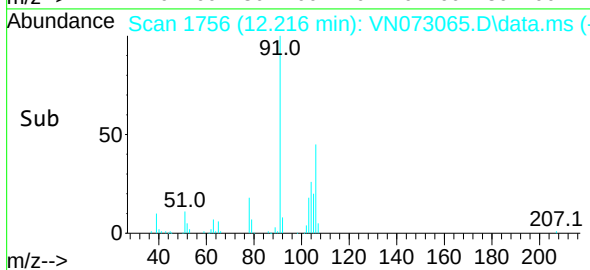
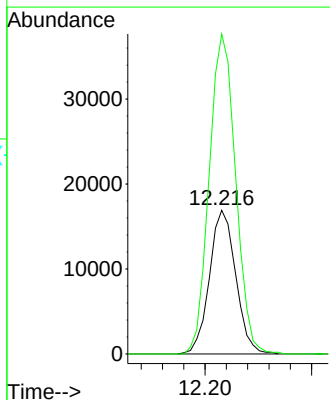
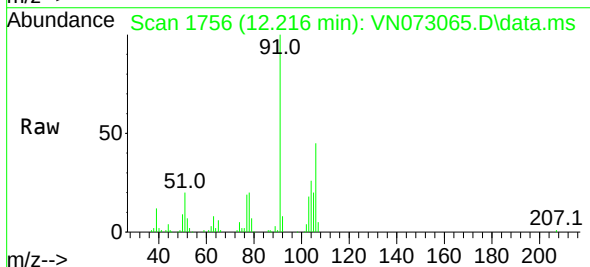
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Supervised By :Mahesh  
Dadoda

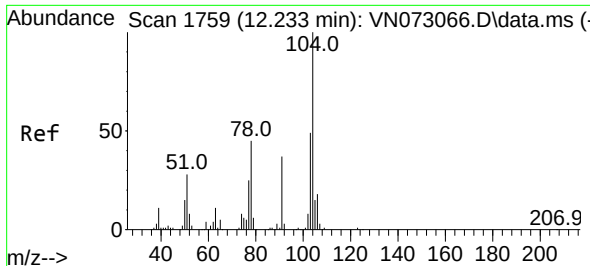
06/28/2022



#68  
o-Xylene  
Concen: 4.417 ug/l  
RT: 12.216 min Scan# 1756  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

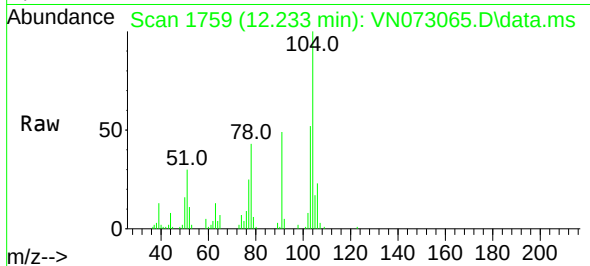
Tgt Ion:106 Resp: 28989  
Ion Ratio Lower Upper  
106 100  
91 223.9 107.7 323.1





#69  
Styrene  
Concen: 4.031 ug/l  
RT: 12.233 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

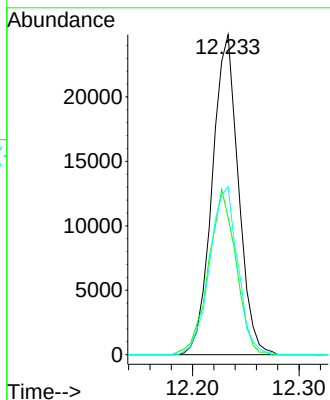
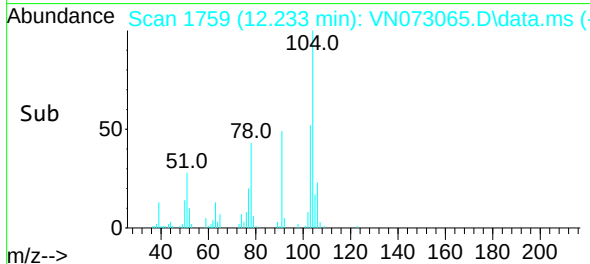
Instrument : MSVOA\_N  
ClientSampleId : VSTDIC005



Tgt Ion:104 Resp: 42374  
Ion Ratio Lower Upper  
104 100  
78 54.2 40.7 61.1  
103 56.2 45.8 68.8

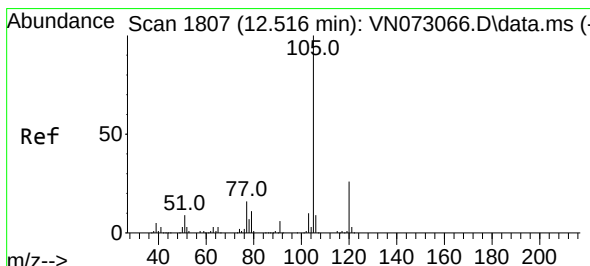
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Supervised By :Mahesh Dadoda 06/28/2022

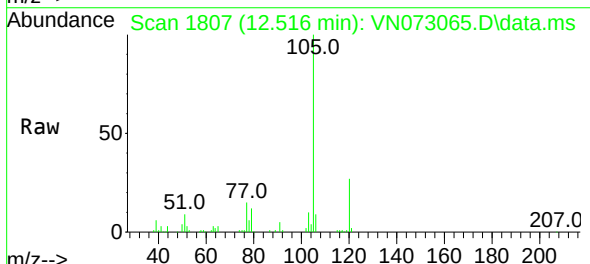


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Supervised By :Mahesh  
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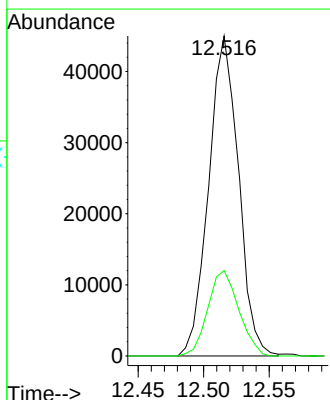
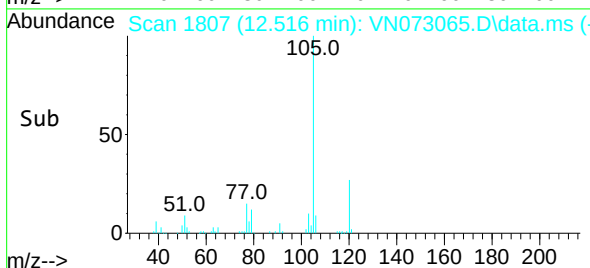
06/28/2022

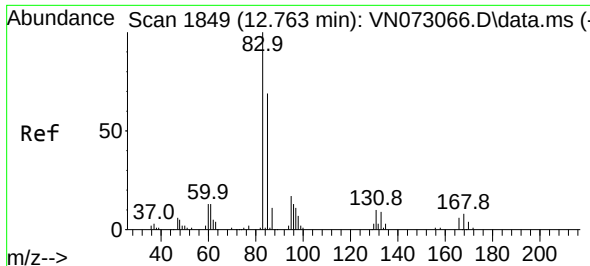


#70  
Isopropylbenzene  
Concen: 4.159 ug/l  
RT: 12.516 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09



Tgt Ion:105 Resp: 71158  
Ion Ratio Lower Upper  
105 100  
120 27.7 18.3 34.1





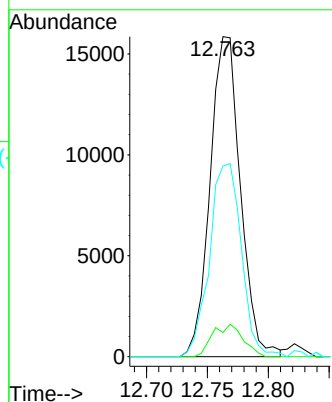
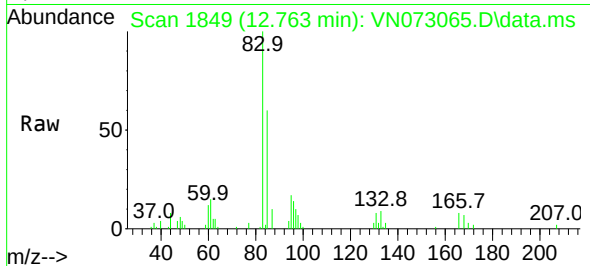
#71  
1,1,2,2-Tetrachloroethane  
Concen: 4.747 ug/l  
RT: 12.763 min Scan# 1849  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument : MSVOA\_N  
ClientSampleId : VSTDIC005

Tgt Ion: 83 Resp: 2750  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.1 15.3  
85 62.6 33.1 99.2

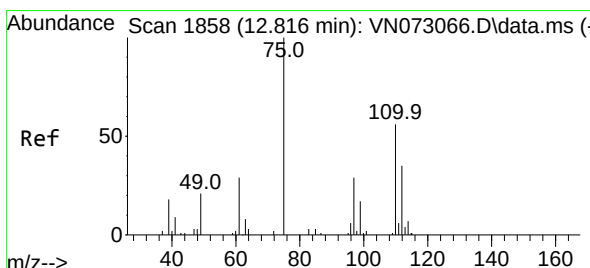
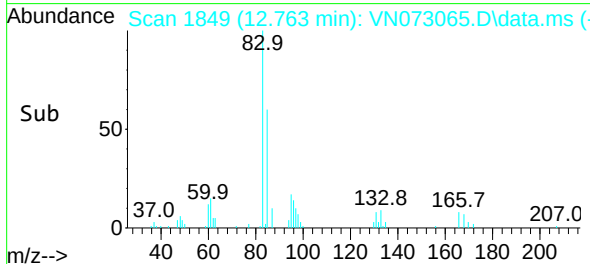
Manual Integrations  
APPROVED

Reviewed By :John Carlone 06/24/2022  
Supervised By :Mahesh Dadoda 06/28/2022



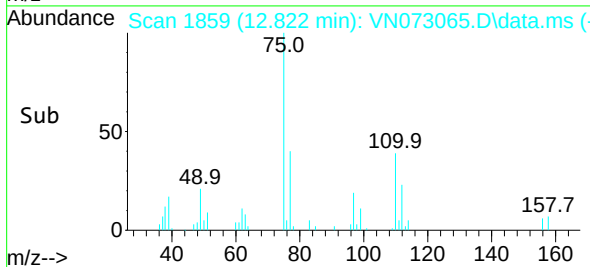
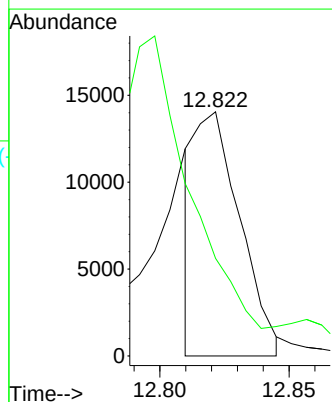
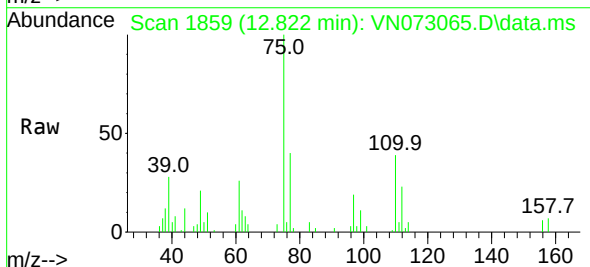
06/24/2022  
Supervised By :Mahesh  
Dadoda

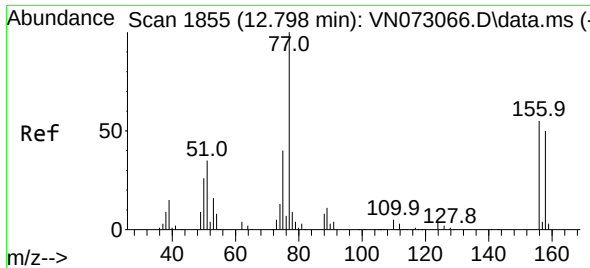
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#72  
1,2,3-Trichloropropane  
Concen: 3.481 ug/l m  
RT: 12.822 min Scan# 1859  
Delta R.T. 0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion: 75 Resp: 16913  
Ion Ratio Lower Upper  
75 100  
77 227.4 0.0 378.0





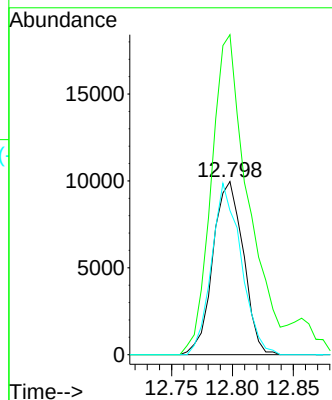
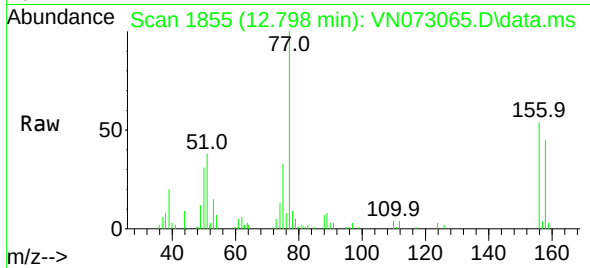
#73  
Bromobenzene  
Concen: 4.860 ug/l  
RT: 12.798 min Scan# 1855  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:156 Resp: 1732  
Ion Ratio Lower Upper  
156 100  
77 222.0 0.0 416.0  
158 96.0 0.0 195.4

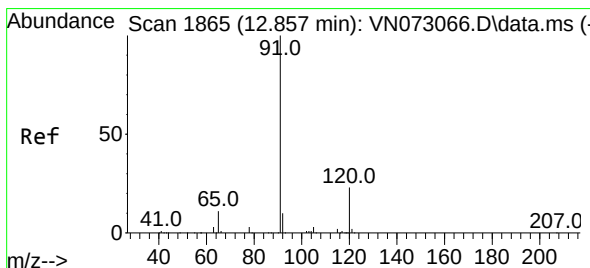
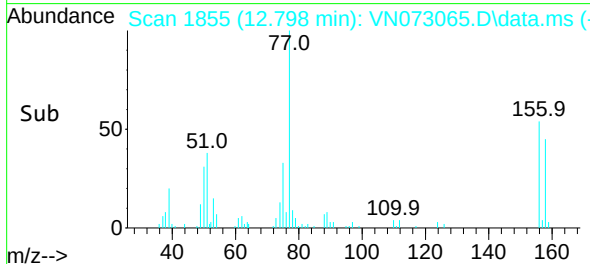
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Supervised By :Mahesh Dadoda 06/28/2022



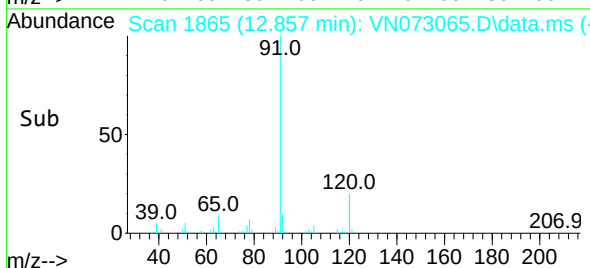
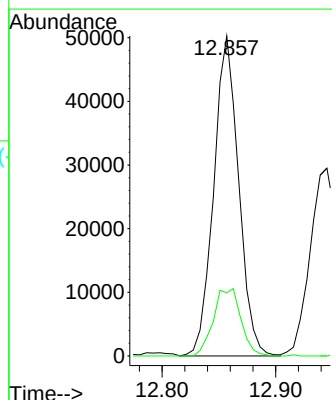
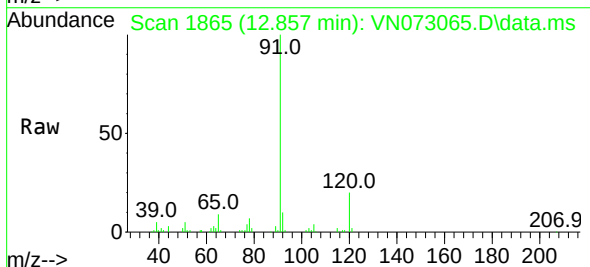
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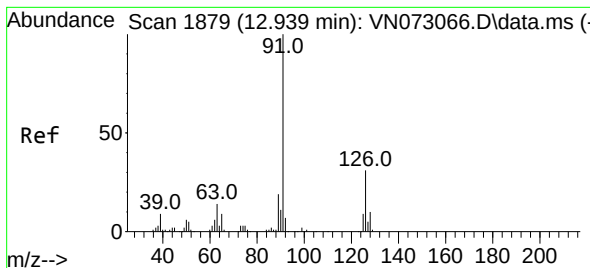


#74  
n-propylbenzene  
Concen: 3.921 ug/l  
RT: 12.857 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion: 91 Resp: 76700  
Ion Ratio Lower Upper  
91 100  
120 23.2 0.0 45.0







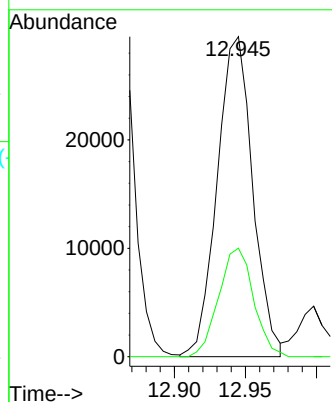
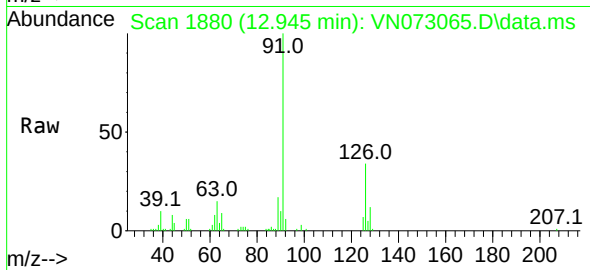
#75  
2-Chlorotoluene  
Concen: 4.221 ug/l  
RT: 12.945 min Scan# 1880  
Delta R.T. 0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 91 Resp: 51398  
Ion Ratio Lower Upper  
91 100  
126 33.1 0.0 69.8

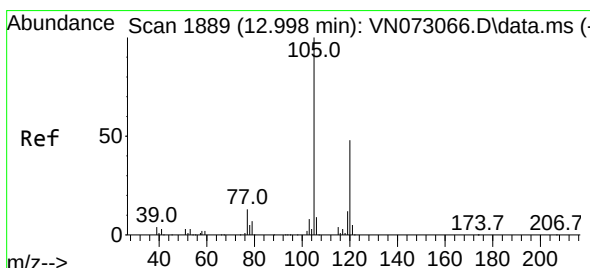
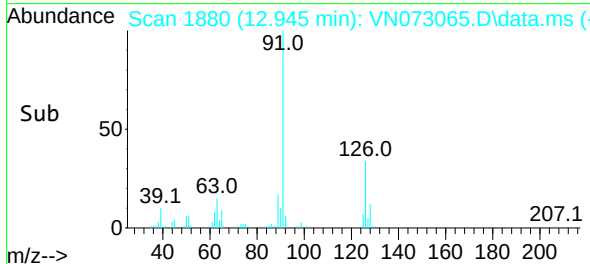
Manual Integrations  
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Supervised By :Mahesh Dadoda 06/28/2022



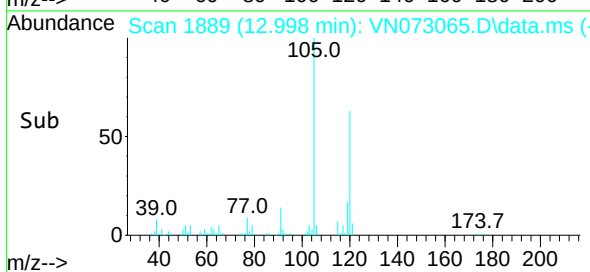
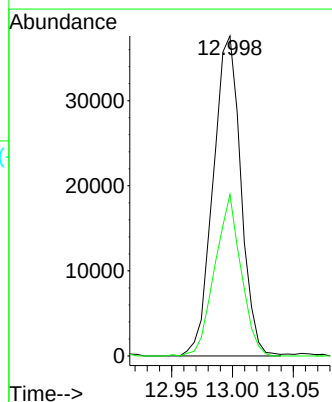
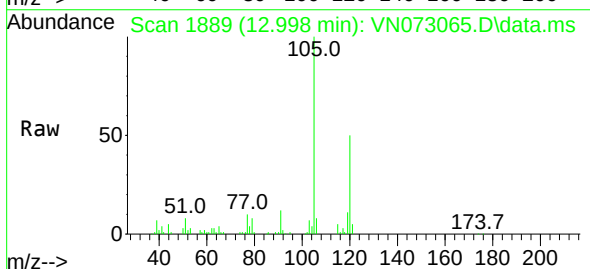
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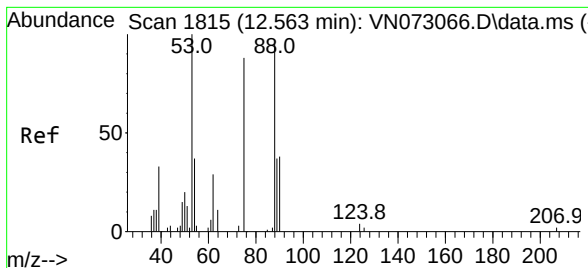
06/28/2022



#76  
1,3,5-Trimethylbenzene  
Concen: 4.230 ug/l  
RT: 12.998 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

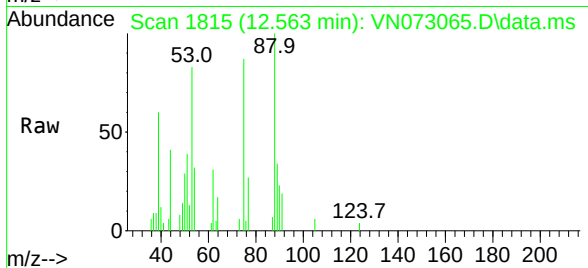
Tgt Ion:105 Resp: 59552  
Ion Ratio Lower Upper  
105 100  
120 47.6 0.0 93.8





#77  
t-1,4-Dichloro-2-butene  
Concen: 2.734 ug/l  
RT: 12.563 min Scan# 1815  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

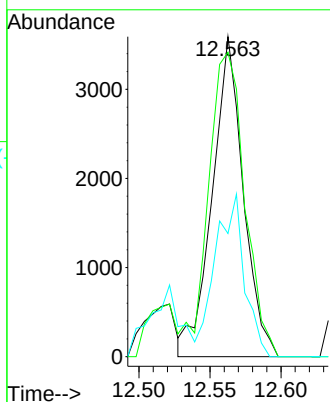
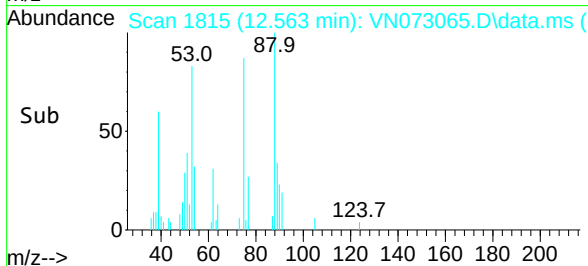
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 75 Resp: 5449  
Ion Ratio Lower Upper  
75 100  
53 95.1 51.8 155.5  
89 38.5 22.9 68.7

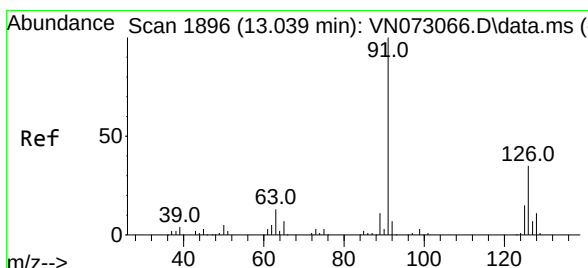
Manual Integrations  
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Supervised By :Mahesh Dadoda 06/28/2022



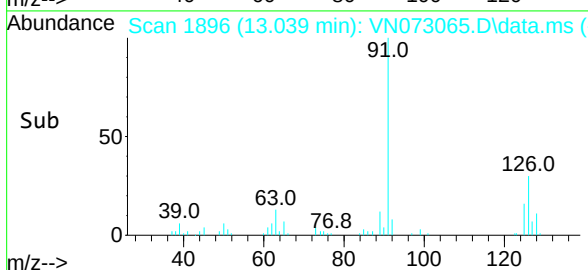
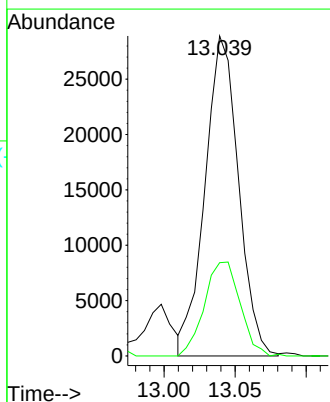
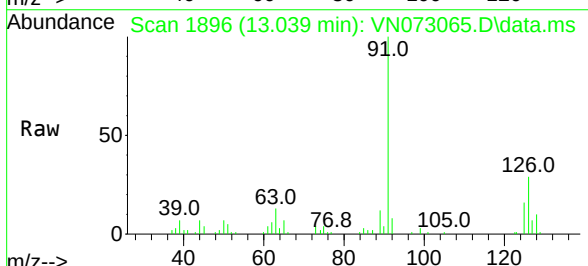
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Dadoda

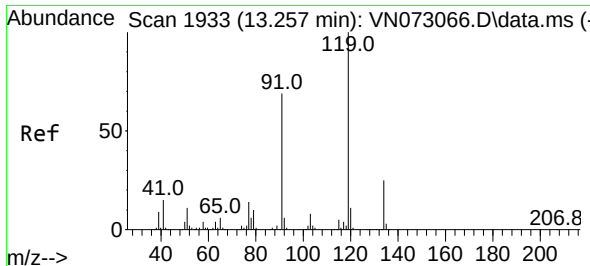
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#78  
4-Chlorotoluene  
Concen: 4.111 ug/l  
RT: 13.039 min Scan# 1896  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion: 91 Resp: 47342  
Ion Ratio Lower Upper  
91 100  
126 31.2 0.0 70.6





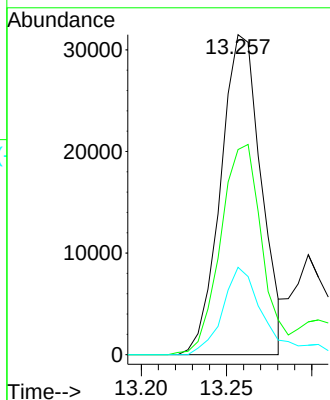
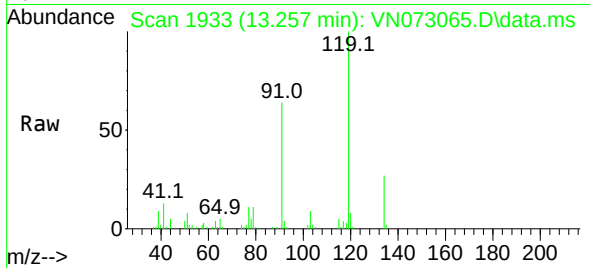
#79  
tert-butylbenzene  
Concen: 4.152 ug/l  
RT: 13.257 min Scan# 1933  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:119 Resp: 52010  
Ion Ratio Lower Upper  
119 100  
91 67.4 0.0 137.0  
134 26.4 0.0 47.6

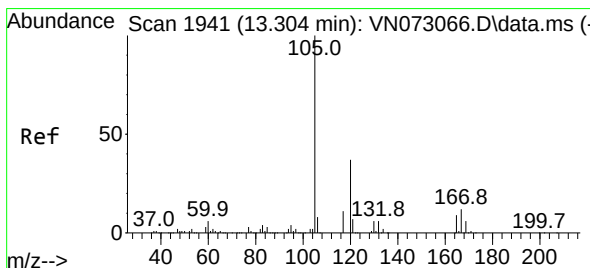
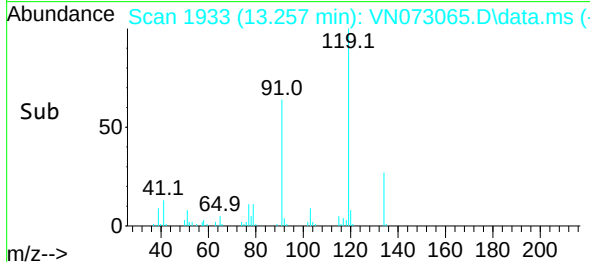
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Supervised By :Mahesh Dadoda 06/28/2022



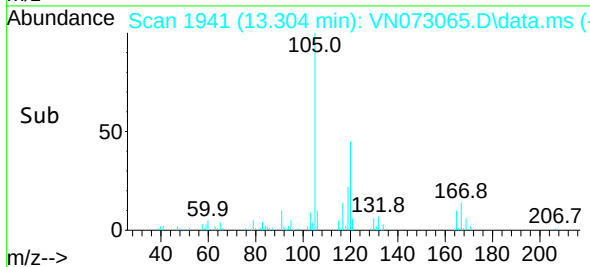
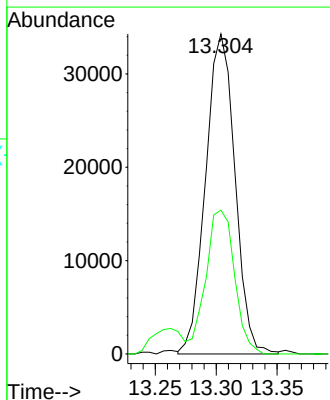
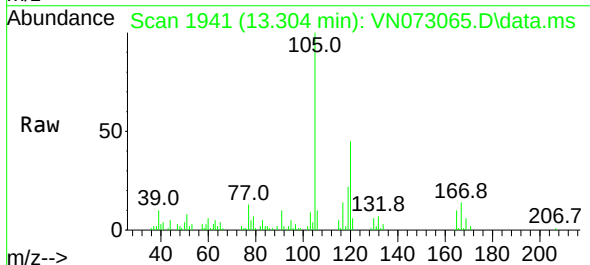
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Supervised By :Mahesh  
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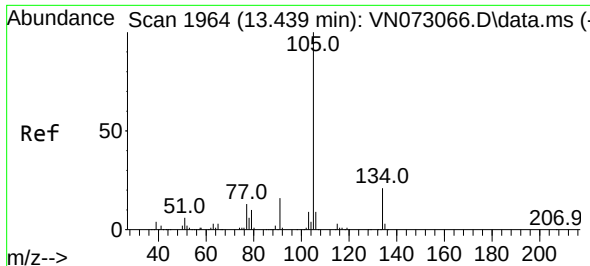
06/28/2022



#80  
1,2,4-Trimethylbenzene  
Concen: 3.490 ug/l  
RT: 13.304 min Scan# 1941  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion:105 Resp: 57485  
Ion Ratio Lower Upper  
105 100  
120 44.0 0.0 0.2#





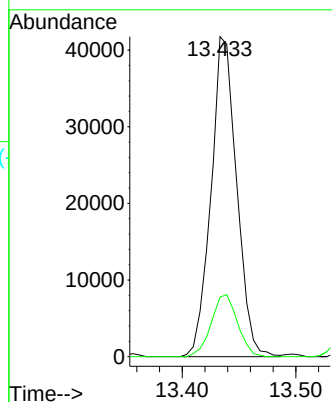
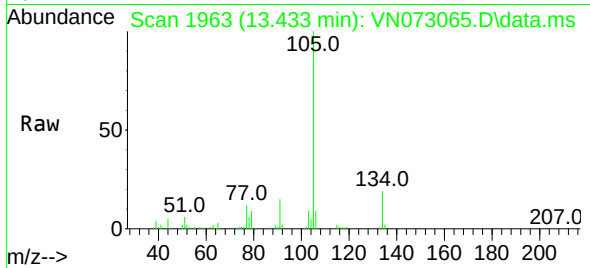
#81  
 sec-Butylbenzene  
 Concen: 3.861 ug/l  
 RT: 13.433 min Scan# 1964  
 Delta R.T. -0.006 min  
 Lab File: VN073065.D  
 Acq: 23 Jun 2022 23:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion:105 Resp: 65584  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 0.0 39.4

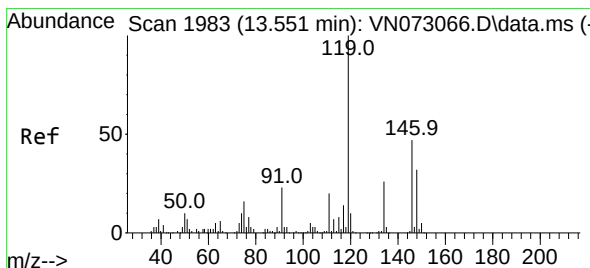
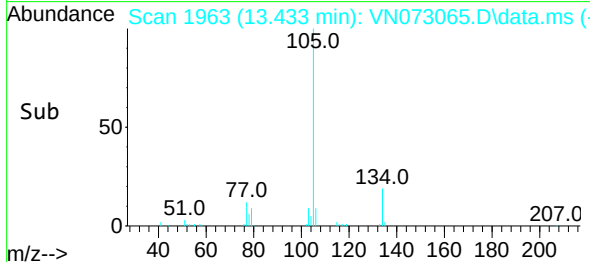
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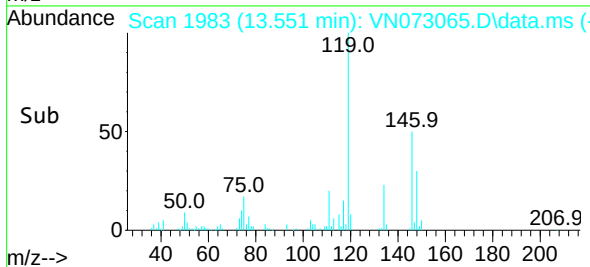
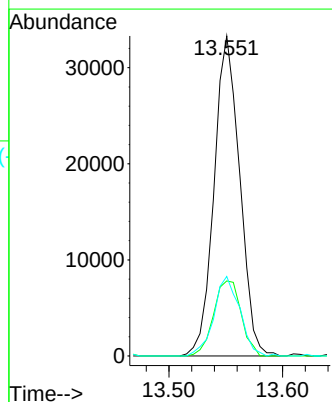
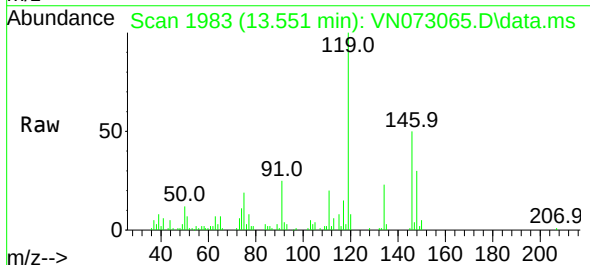
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 Dadoda

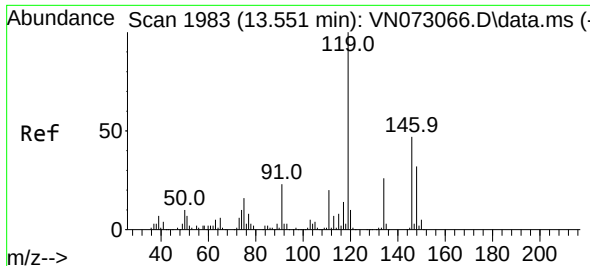
06/28/2022



#82  
 p-Isopropyltoluene  
 Concen: 3.822 ug/l  
 RT: 13.551 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN073065.D  
 Acq: 23 Jun 2022 23:09

Tgt Ion:119 Resp: 52214  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 0.0 51.8  
 91 25.1 0.0 50.4





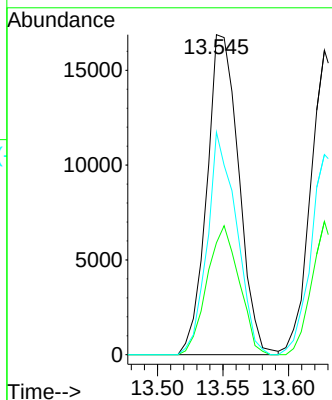
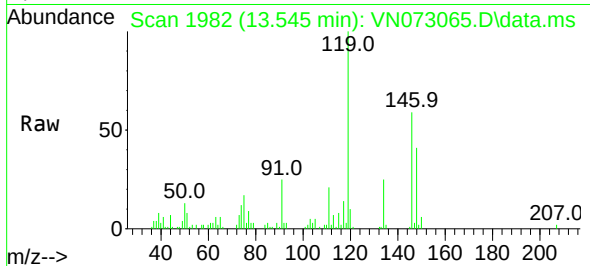
#83  
1,3-Dichlorobenzene  
Concen: 4.532 ug/l  
RT: 13.545 min Scan# 1982  
Delta R.T. -0.006 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:146 Resp: 2861  
Ion Ratio Lower Upper  
146 100  
111 40.5 20.8 62.2  
148 63.3 31.4 94.3

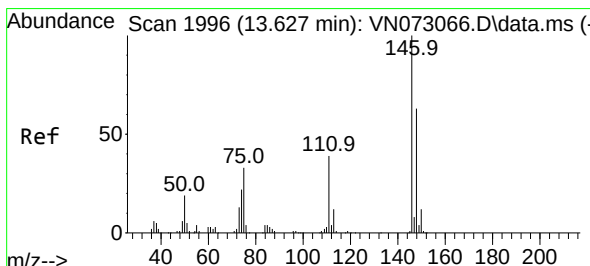
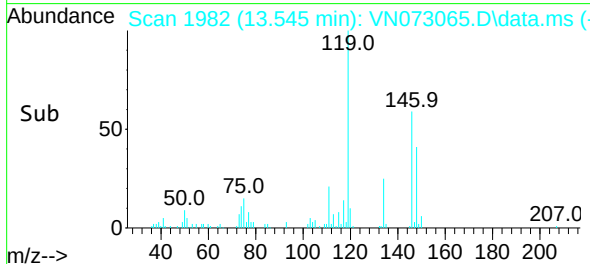
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Supervised By :Mahesh Dadoda 06/28/2022



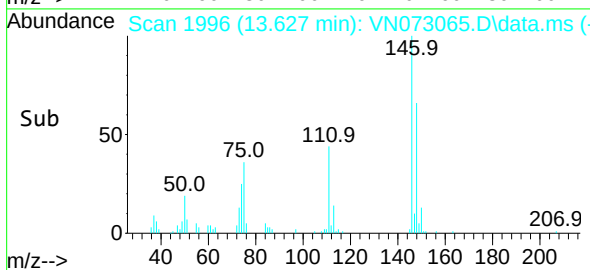
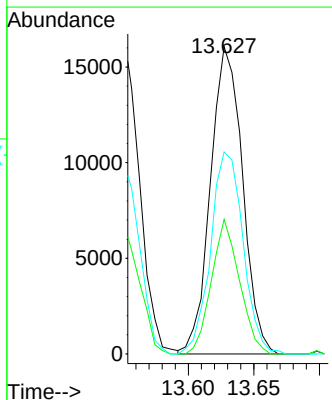
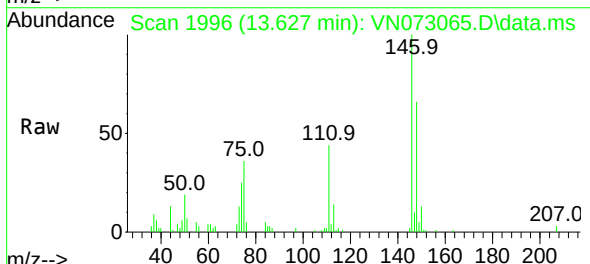
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Supervised By :Mahesh  
Dadoda

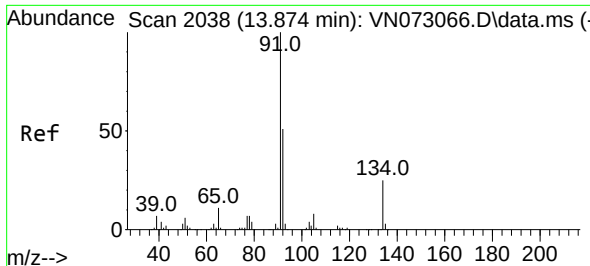
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#84  
1,4-Dichlorobenzene  
Concen: 4.445 ug/l  
RT: 13.627 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion:146 Resp: 27328  
Ion Ratio Lower Upper  
146 100  
111 38.3 19.5 58.5  
148 66.5 31.1 93.5





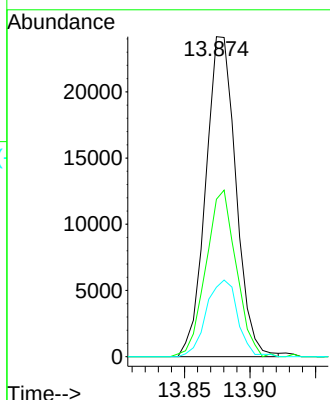
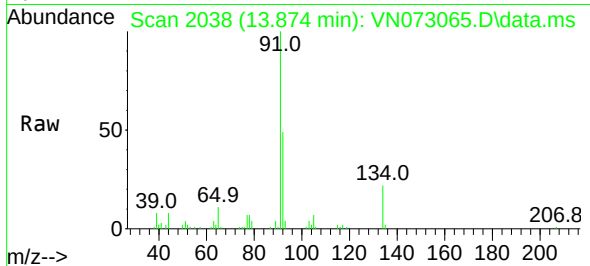
#85  
n-Butylbenzene  
Concen: 3.393 ug/l  
RT: 13.874 min Scan# 2038  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 91 Resp: 3869  
Ion Ratio Lower Upper  
91 100  
92 51.9 0.0 100.6  
134 24.4 0.0 50.2

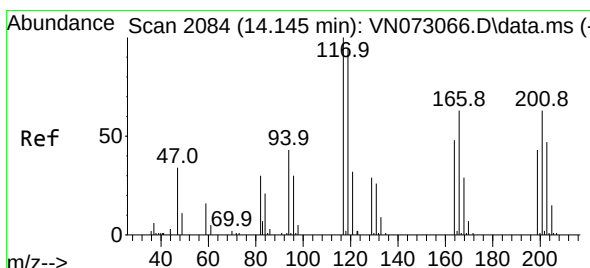
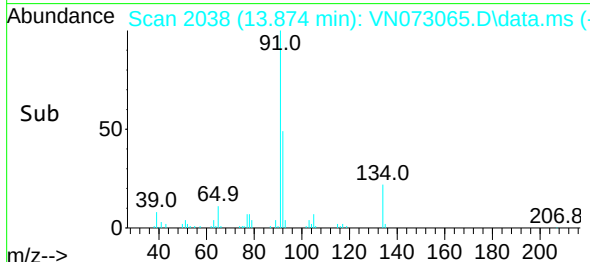
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Supervised By :Mahesh Dadoda 06/28/2022



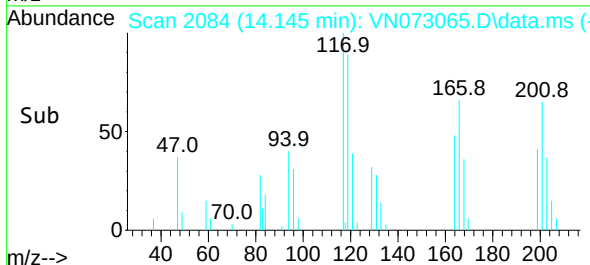
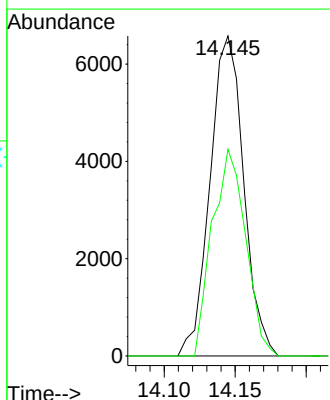
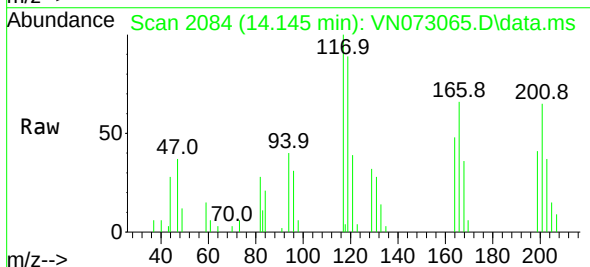
06/24/2022  
Supervised By :Mahesh  
Dadoda

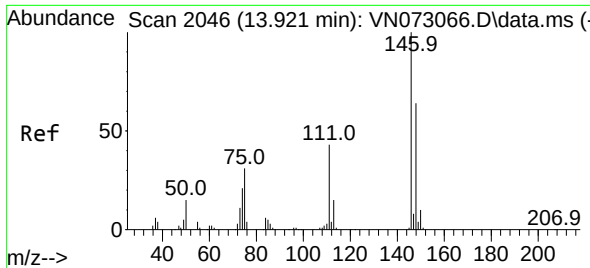
06/28/2022



#86  
Hexachloroethane  
Concen: 3.725 ug/l  
RT: 14.145 min Scan# 2084  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

Tgt Ion:117 Resp: 10841  
Ion Ratio Lower Upper  
117 100  
201 64.0 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 4.969 ug/l

RT: 13.921 min Scan# 2046

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

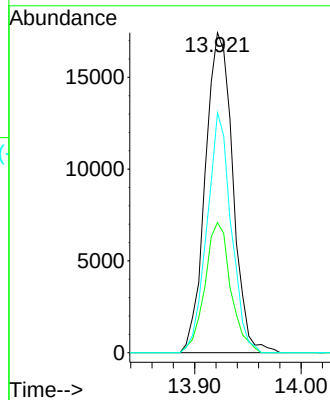
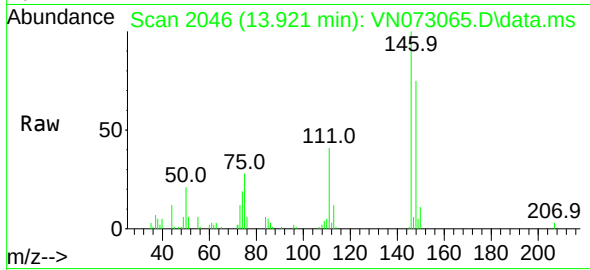
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 146   | Resp: | 3130 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 111       | 38.3  | 21.4  | 64.2 |
| 148       | 66.1  | 32.5  | 97.4 |

Manual Integrations

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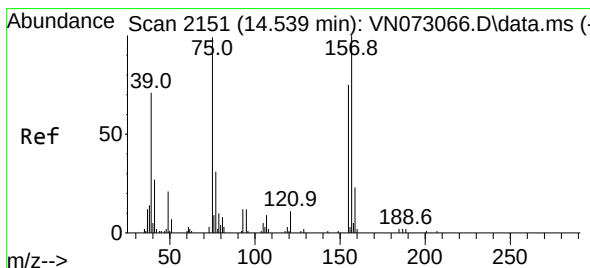
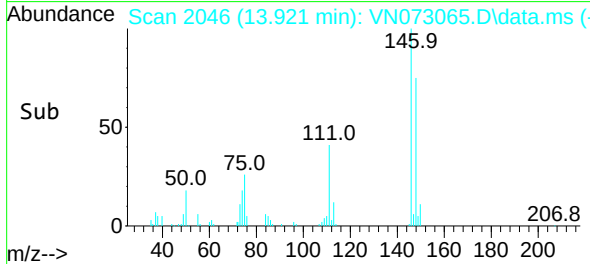
Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



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06/28/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.215 ug/l

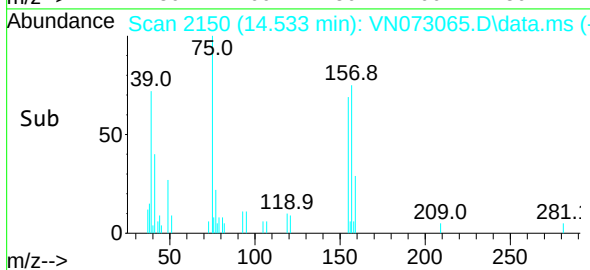
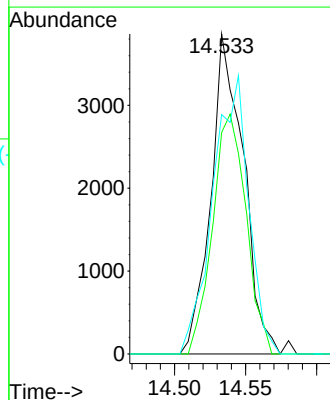
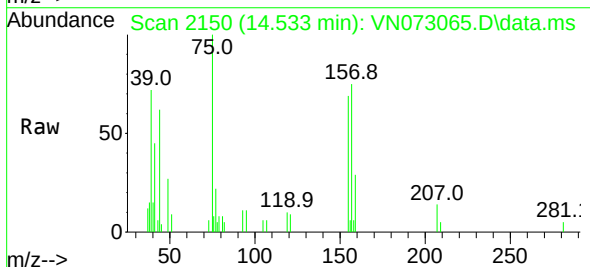
RT: 14.533 min Scan# 2150

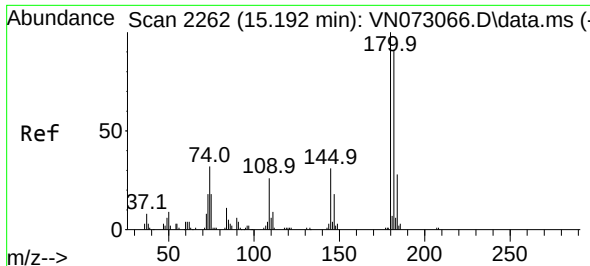
Delta R.T. -0.006 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

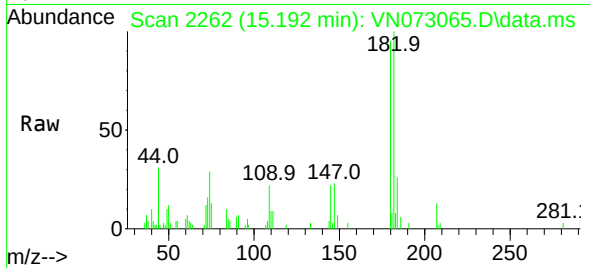
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 6146  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 77.3  | 63.8  | 95.8  |
| 157       | 95.5  | 77.9  | 116.9 |





#89  
1,2,4-Trichlorobenzene  
Concen: 4.180 ug/l  
RT: 15.192 min Scan# 2262  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09

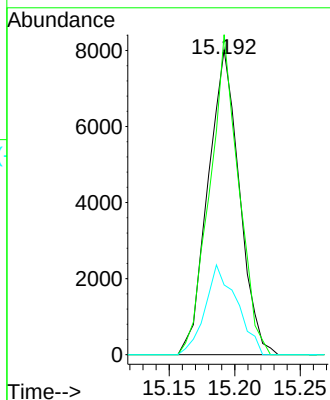
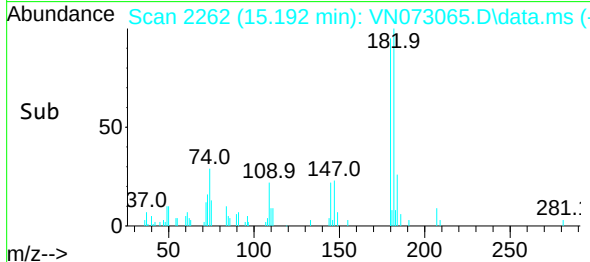
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion:180 Resp: 1330  
Ion Ratio Lower Upper  
180 100  
182 96.9 77.7 116.5  
145 29.9 26.6 39.8

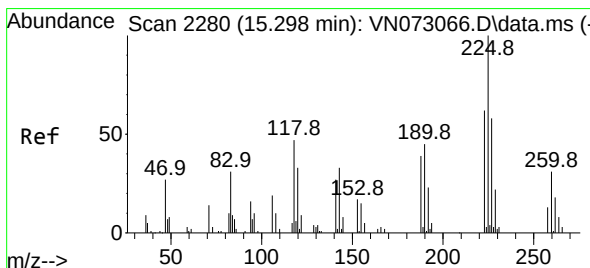
Manual Integrations  
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Reviewed By :John Carlone 06/24/2022  
Supervised By :Mahesh Dadoda 06/28/2022

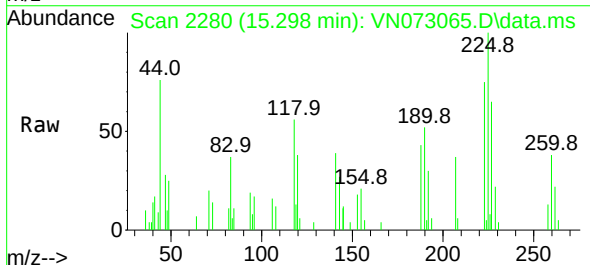


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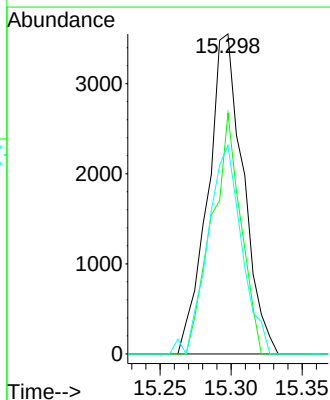
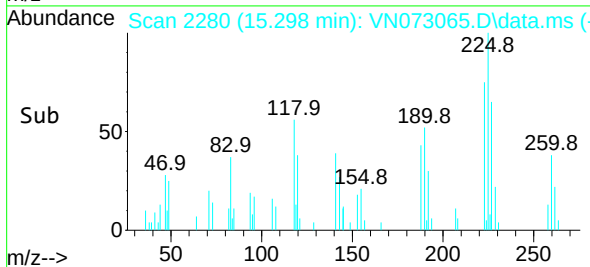
06/28/2022



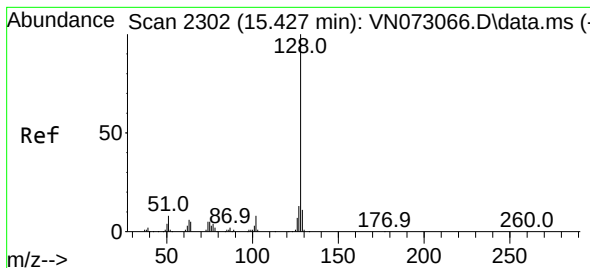
#90  
Hexachlorobutadiene  
Concen: 4.454 ug/l  
RT: 15.298 min Scan# 2280  
Delta R.T. 0.000 min  
Lab File: VN073065.D  
Acq: 23 Jun 2022 23:09



Tgt Ion:225 Resp: 6158  
Ion Ratio Lower Upper  
225 100  
223 61.7 0.0 126.8  
227 61.9 0.0 123.0







#91

Naphthalene

Concen: 4.325 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

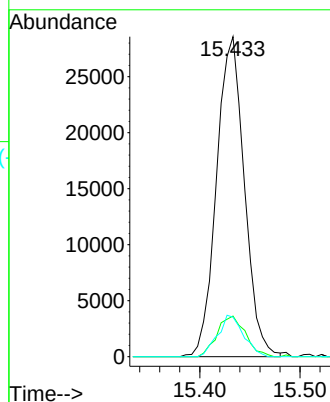
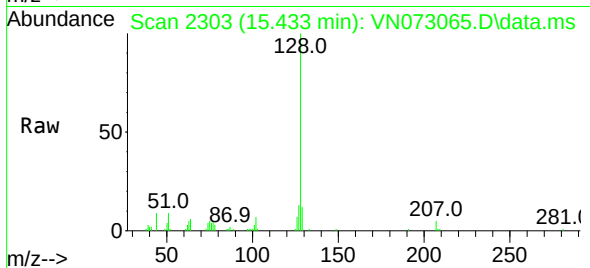
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 55120     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.0  | 10.7 16.1 |
| 129         | 12.0  | 9.0 13.6  |

Manual Integrations

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Reviewed By :John Carlone 06/24/2022

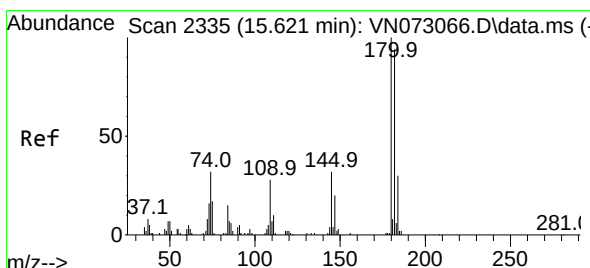
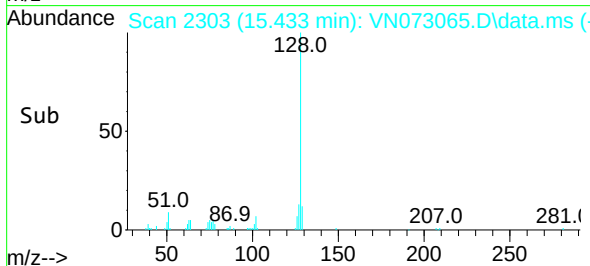
Supervised By :Mahesh Dadoda 06/28/2022



06/24/2022

Supervised By :Mahesh  
Dadoda

06/28/2022



#92

1,2,3-Trichlorobenzene

Concen: 4.375 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:180 | Resp: | 14246     |
| Ion Ratio   | Lower | Upper     |
| 180         | 100   |           |
| 182         | 94.3  | 0.0 190.0 |
| 145         | 33.7  | 0.0 67.8  |

