

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050923\  
 Data File : VN077646.D  
 Acq On : 09 May 2023 20:57  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: May 10 04:52:47 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050923W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 09 13:52:31 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 05/10/2023  
 Supervised By : Mahesh Dadoda 05/10/2023

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 8.231          | 168  | 662033     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.107          | 114  | 1229391    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.866         | 117  | 1057062    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.795         | 152  | 464025     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.584          | 65   | 413032     | 49.193   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 98.380%  |        |          |
| 35) Dibromofluoromethane     | 8.172          | 113  | 383340     | 49.996   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 100.000% |        |          |
| 50) Toluene-d8               | 10.566         | 98   | 1469130    | 50.609   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 101.220% |        |          |
| 62) 4-Bromofluorobenzene     | 12.848         | 95   | 498736     | 50.796   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 101.600% |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.137          | 85   | 333271     | 45.035   | ug/l   | 99       |
| 3) Chloromethane             | 2.372          | 50   | 255999     | 38.377   | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.519          | 62   | 392766     | 44.491   | ug/l   | 96       |
| 5) Bromomethane              | 2.949          | 94   | 308161     | 43.966   | ug/l   | 97       |
| 6) Chloroethane              | 3.125          | 64   | 265437     | 43.362   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.502          | 101  | 525094     | 37.946   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.972          | 74   | 185256     | 45.537   | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 4.384          | 101  | 303218     | 43.852   | ug/l   | 97       |
| 10) Methyl Iodide            | 4.596          | 142  | 459426     | 45.214   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.537          | 59   | 197748     | 200.212  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 4.349          | 96   | 290313     | 44.185   | ug/l   | 98       |
| 13) Acrolein                 | 4.190          | 56   | 203604     | 212.694  | ug/l   | 96       |
| 14) Allyl chloride           | 5.031          | 41   | 268161     | 41.093   | ug/l # | 85       |
| 15) Acrylonitrile            | 5.725          | 53   | 527499     | 215.921  | ug/l   | 98       |
| 16) Acetone                  | 4.431          | 43   | 383398     | 192.292  | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.725          | 76   | 684453     | 43.320   | ug/l # | 93       |
| 18) Methyl Acetate           | 5.037          | 43   | 330239     | 41.784   | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.807          | 73   | 932224     | 43.119   | ug/l   | 92       |
| 20) Methylene Chloride       | 5.278          | 84   | 324554     | 39.280   | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.796          | 96   | 314093     | 42.264   | ug/l   | 92       |
| 22) Diisopropyl ether        | 6.684          | 45   | 701963     | 43.575   | ug/l   | 95       |
| 23) Vinyl Acetate            | 6.607          | 43   | 1946184    | 217.989  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.578          | 63   | 529504     | 43.359   | ug/l   | 99       |
| 25) 2-Butanone               | 7.484          | 43   | 610662     | 209.547  | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 7.495          | 77   | 462715     | 41.808   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.495          | 96   | 401818     | 44.448   | ug/l   | 94       |
| 28) Bromochloromethane       | 7.819          | 49   | 210265     | 47.187   | ug/l   | 82       |
| 29) Tetrahydrofuran          | 7.842          | 42   | 390390     | 218.081  | ug/l   | 93       |
| 30) Chloroform               | 7.972          | 83   | 648017     | 44.774   | ug/l   | 94       |
| 31) Cyclohexane              | 8.260          | 56   | 444708     | 41.445   | ug/l   | 89       |
| 32) 1,1,1-Trichloroethane    | 8.172          | 97   | 621048     | 46.604   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.378          | 75   | 467144     | 44.148   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.560          | 43   | 256917     | 42.463   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.366          | 117  | 532130     | 46.033   | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.607          | 83   | 609827     | 46.427   | ug/l   | 98       |
| 40) Benzene                  | 8.613          | 78   | 1432417    | 44.748   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050923\  
 Data File : VN077646.D  
 Acq On : 09 May 2023 20:57  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 05/10/2023  
 Supervised By : Mahesh Dadoda 05/10/2023

Quant Time: May 10 04:52:47 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050923W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 09 13:52:31 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.790  | 41   | 128056   | 38.738  | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.678  | 62   | 479022   | 44.626  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.695  | 43   | 506618   | 47.758  | ug/l   | 96       |
| 44) Trichloroethene           | 9.360  | 130  | 376907   | 44.823  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.625  | 63   | 318062   | 43.213  | ug/l   | 95       |
| 46) Dibromomethane            | 9.713  | 93   | 262682   | 45.880  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.889  | 83   | 525243   | 46.969  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.684  | 41   | 213474   | 42.876  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.695  | 88   | 131031   | 884.923 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.448 | 43   | 1311484  | 210.146 | ug/l   | 96       |
| 52) Toluene                   | 10.636 | 92   | 981483   | 46.098  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.836 | 75   | 529835   | 48.628  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.313 | 75   | 582404   | 46.983  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.019 | 97   | 370918   | 44.930  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.878 | 69   | 494568   | 47.505  | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 11.166 | 76   | 594681   | 44.813  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.160 | 63   | 1025260  | 238.857 | ug/l   | 95       |
| 59) 2-Hexanone                | 11.195 | 43   | 938436   | 212.761 | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.360 | 129  | 399945   | 48.802  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.472 | 107  | 389097   | 47.941  | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.107 | 164  | 300030   | 47.691  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.895 | 112  | 1024839  | 47.167  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.960 | 131  | 371699   | 47.483  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.966 | 91   | 1855925  | 48.653  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.072 | 106  | 1501523  | 99.415  | ug/l   | 98       |
| 69) o-Xylene                  | 12.401 | 106  | 743950   | 49.142  | ug/l   | 96       |
| 70) Styrene                   | 12.413 | 104  | 1193779  | 51.489  | ug/l   | 98       |
| 71) Bromoform                 | 12.577 | 173  | 246676   | 51.926  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.695 | 105  | 1906641  | 46.060  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.495 | 43   | 416243   | 45.564  | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.942 | 83   | 489857   | 43.047  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.995 | 75   | 410533m  | 42.872  | ug/l   |          |
| 77) Bromobenzene              | 12.983 | 156  | 403485   | 44.012  | ug/l   | 93       |
| 78) n-propylbenzene           | 13.036 | 91   | 2137686  | 48.109  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.130 | 91   | 1279150  | 45.198  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.177 | 105  | 1598423  | 50.474  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.736 | 75   | 138628   | 46.096  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.224 | 91   | 1245576  | 46.930  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.442 | 119  | 1362474  | 45.785  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.483 | 105  | 1565934  | 52.617  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.619 | 105  | 1957894  | 48.876  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.730 | 119  | 1587480  | 50.678  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.736 | 146  | 755601   | 47.419  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.813 | 146  | 753648   | 47.577  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.060 | 91   | 1257807  | 50.671  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.336 | 117  | 292458   | 48.683  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.107 | 146  | 728752   | 46.000  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.724 | 75   | 88986    | 44.187  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.395 | 180  | 277362   | 41.810  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.507 | 225  | 154894   | 45.762  | ug/l   | 98       |
| 95) Naphthalene               | 15.642 | 128  | 976109   | 42.470  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.842 | 180  | 254254   | 41.212  | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050923\  
Data File : VN077646.D  
Acq On : 09 May 2023 20:57  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

Quant Time: May 10 04:52:47 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050923W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 09 13:52:31 2023  
Response via : Initial Calibration

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

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

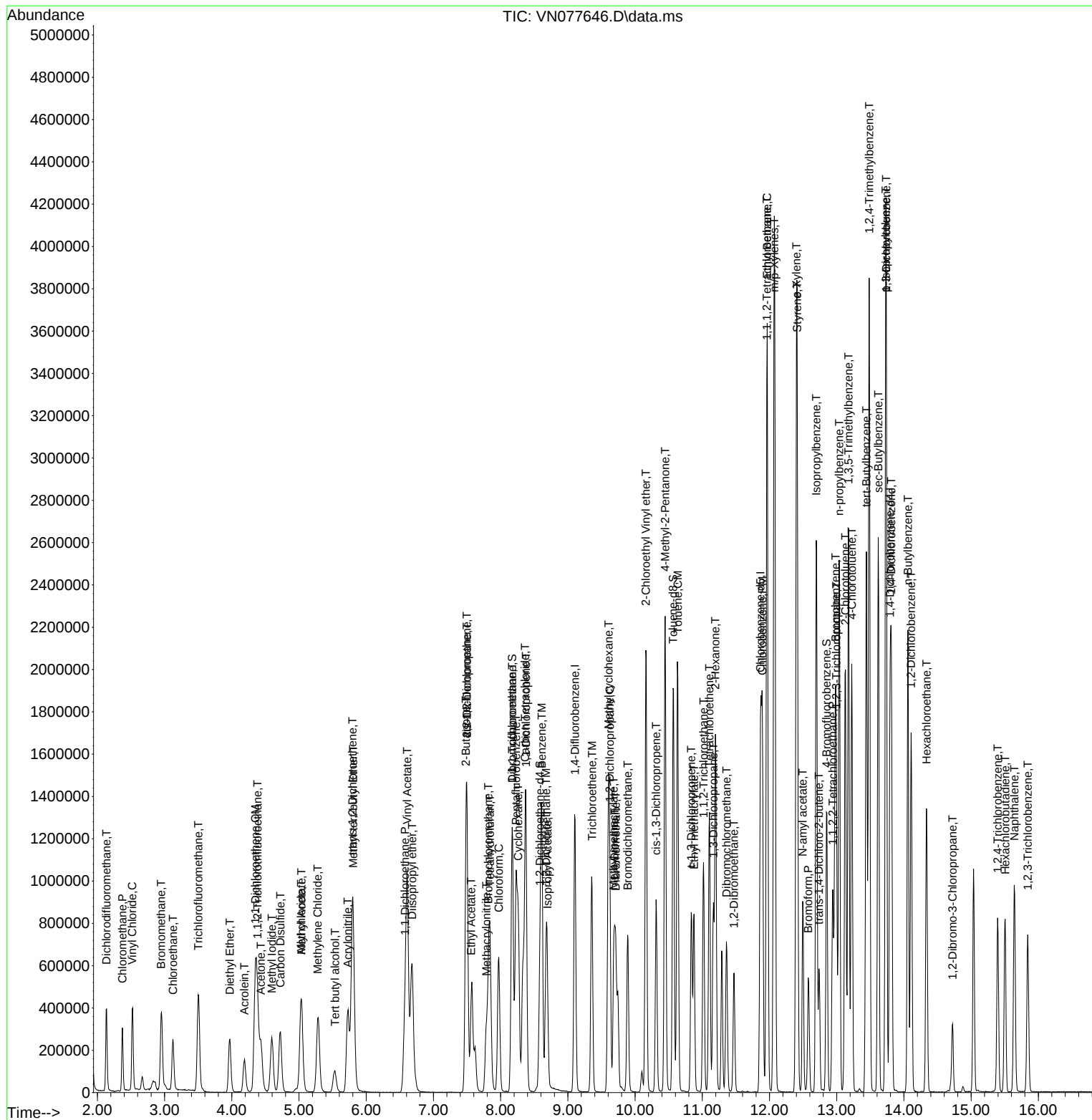
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050923\  
Data File : VN077646.D  
Acq On : 09 May 2023 20:57  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 27 Sample Multiplier: 1

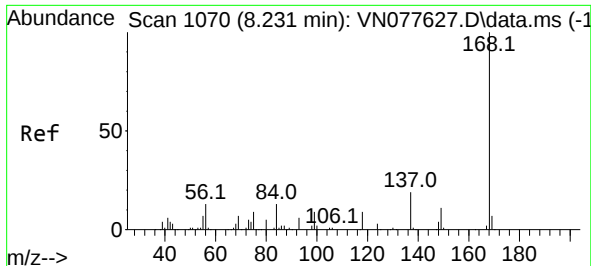
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: May 10 04:52:47 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050923W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 09 13:52:31 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023





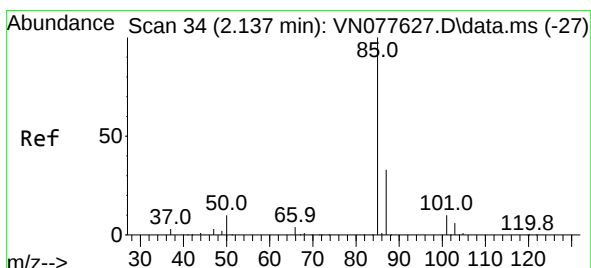
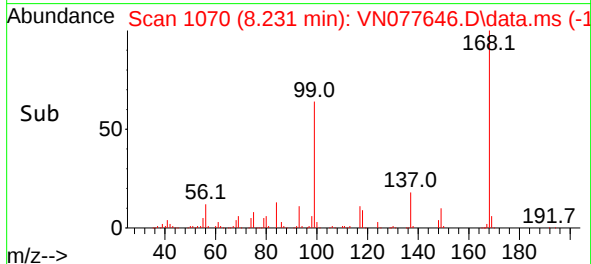
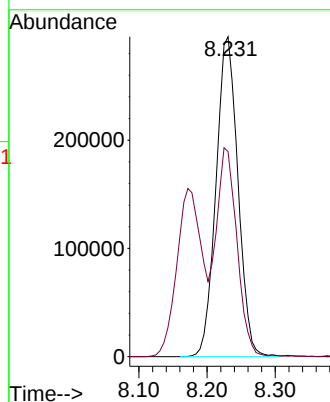
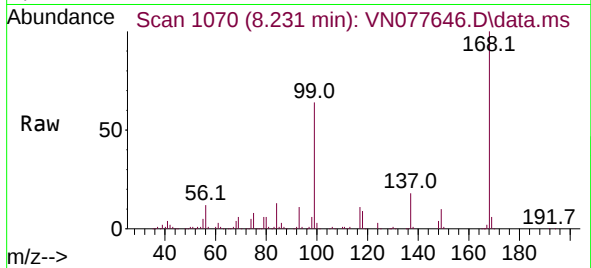
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.231 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:168 Resp: 662033  
Ion Ratio Lower Upper  
168 100  
99 63.9 53.0 79.6

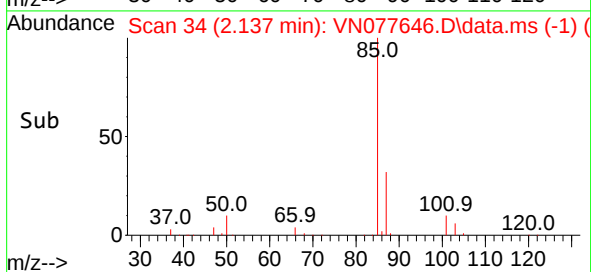
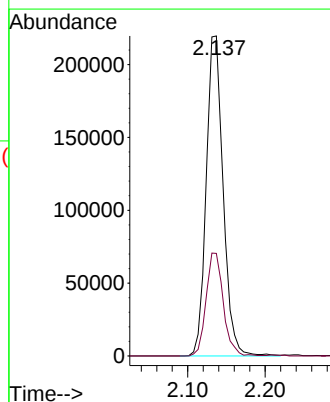
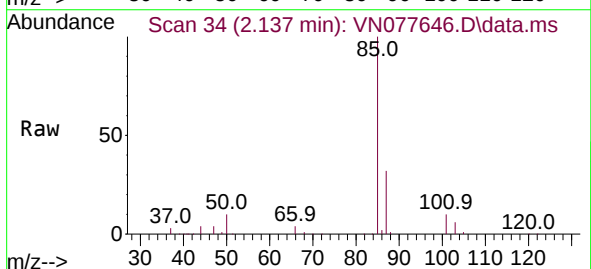
Manual Integrations  
APPROVED

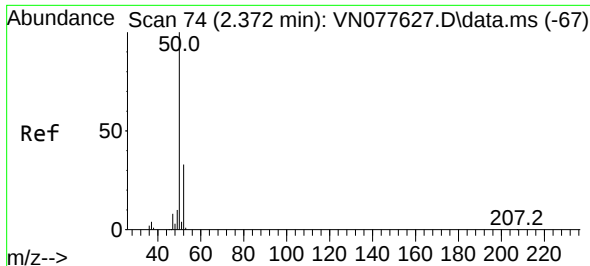
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#2  
Dichlorodifluoromethane  
Concen: 45.035 ug/l  
RT: 2.137 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

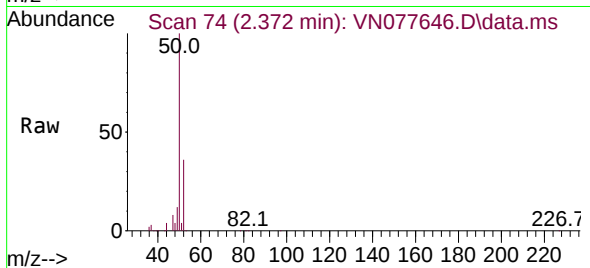
Tgt Ion: 85 Resp: 333271  
Ion Ratio Lower Upper  
85 100  
87 32.0 15.8 47.4





#3  
Chloromethane  
Concen: 38.377 ug/l  
RT: 2.372 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

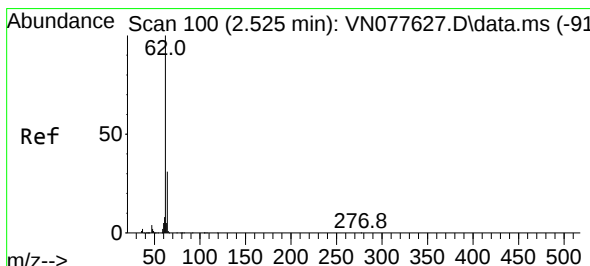
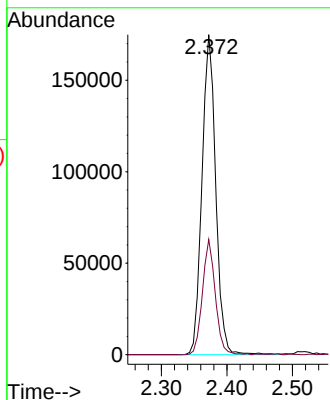
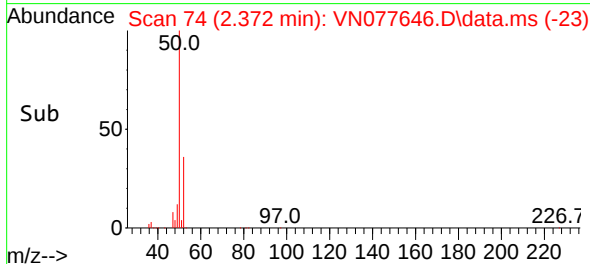
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



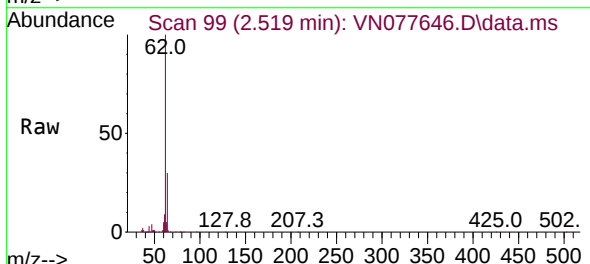
Tgt Ion: 50 Resp: 255999  
Ion Ratio Lower Upper  
50 100  
52 36.0 26.5 39.7

Manual Integrations  
APPROVED

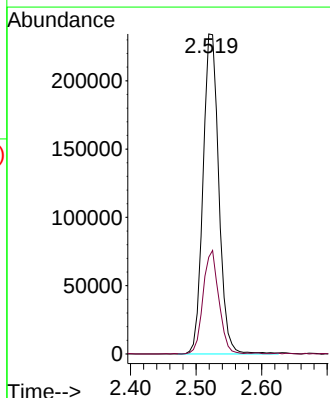
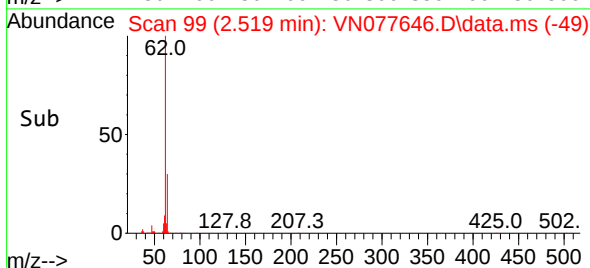
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

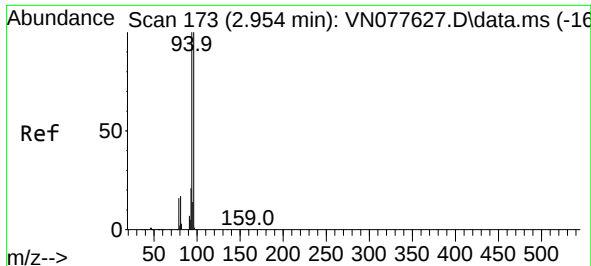


#4  
Vinyl Chloride  
Concen: 44.491 ug/l  
RT: 2.519 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57



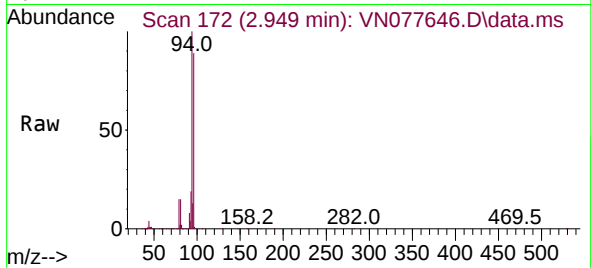
Tgt Ion: 62 Resp: 392766  
Ion Ratio Lower Upper  
62 100  
64 30.2 26.2 39.2





#5  
Bromomethane  
Concen: 43.966 ug/l  
RT: 2.949 min Scan# 172  
Delta R.T. -0.005 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

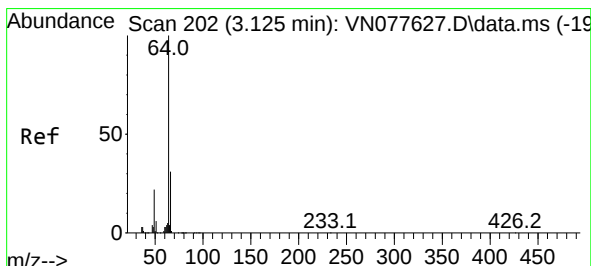
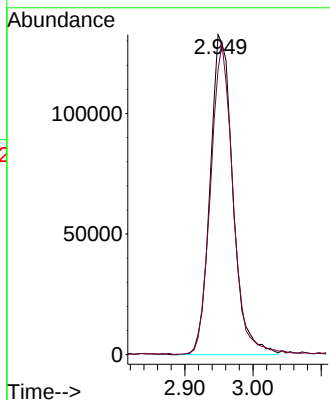
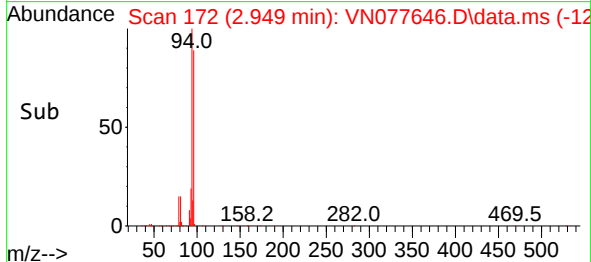
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 94 Resp: 30816  
Ion Ratio Lower Upper  
94 100  
96 88.8 73.1 109.7

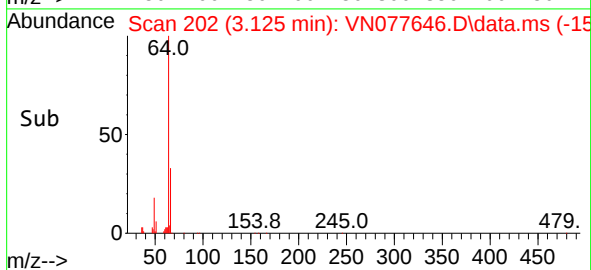
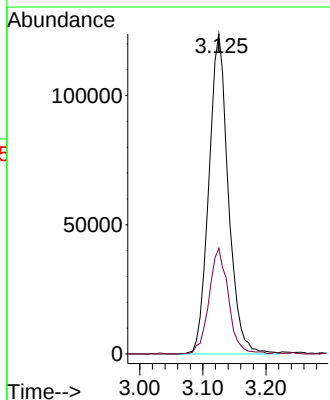
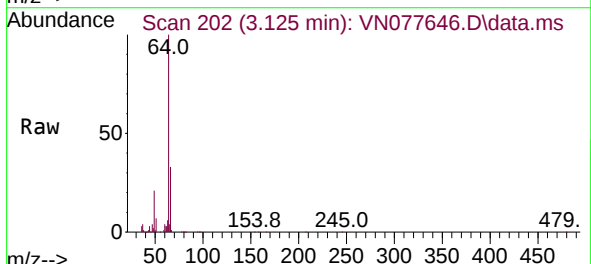
Manual Integrations  
APPROVED

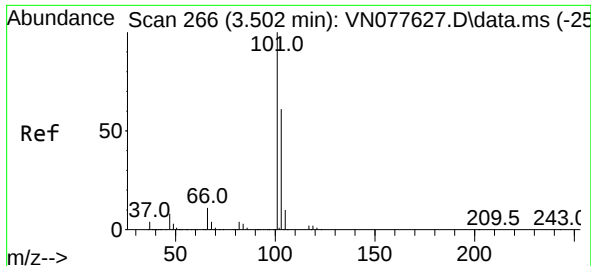
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#6  
Chloroethane  
Concen: 43.362 ug/l  
RT: 3.125 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

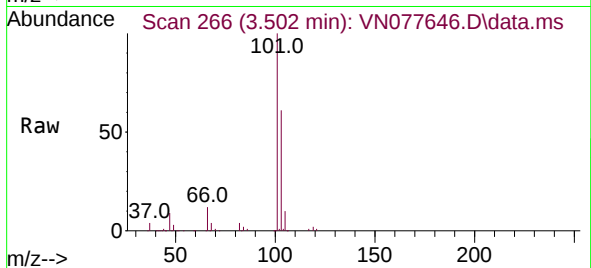
Tgt Ion: 64 Resp: 265437  
Ion Ratio Lower Upper  
64 100  
66 33.0 25.4 38.2





#7  
Trichlorofluoromethane  
Concen: 37.946 ug/l  
RT: 3.502 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

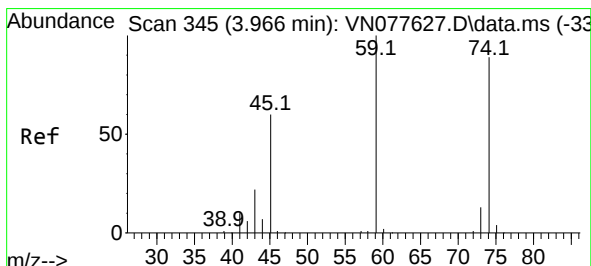
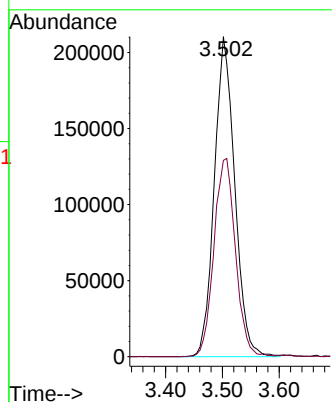
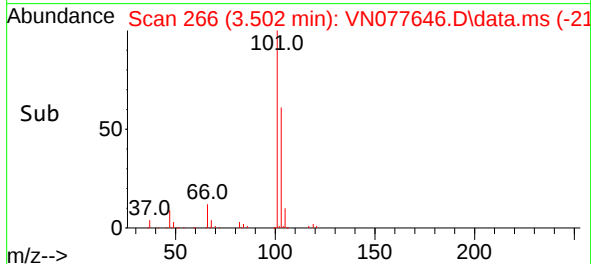
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



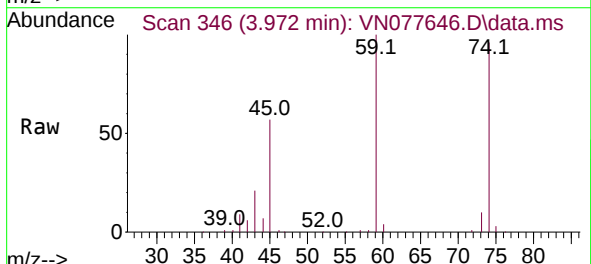
Tgt Ion:101 Resp: 525094  
Ion Ratio Lower Upper  
101 100  
103 61.3 50.7 76.1

Manual Integrations  
APPROVED

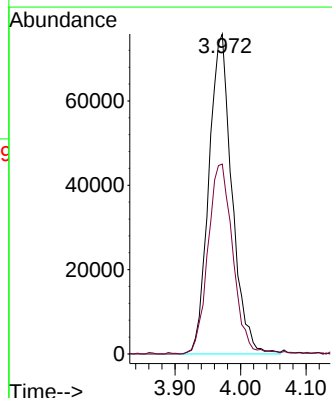
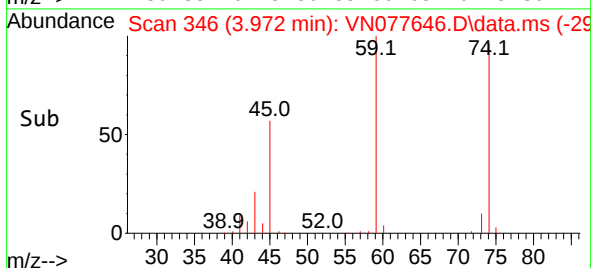
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

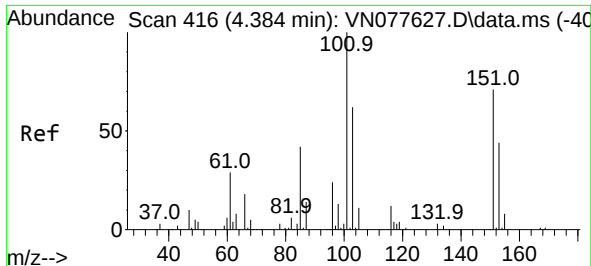


#8  
Diethyl Ether  
Concen: 45.537 ug/l  
RT: 3.972 min Scan# 346  
Delta R.T. 0.006 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57



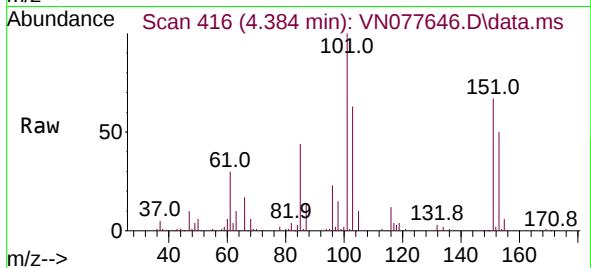
Tgt Ion: 74 Resp: 185256  
Ion Ratio Lower Upper  
74 100  
45 63.9 34.4 103.3





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 43.852 ug/l  
RT: 4.384 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

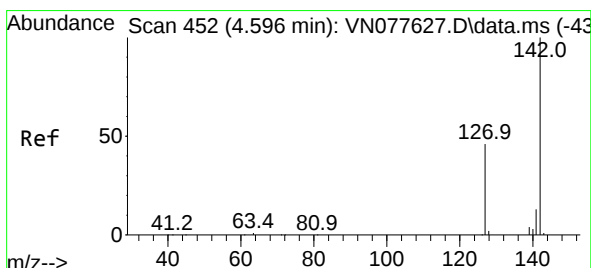
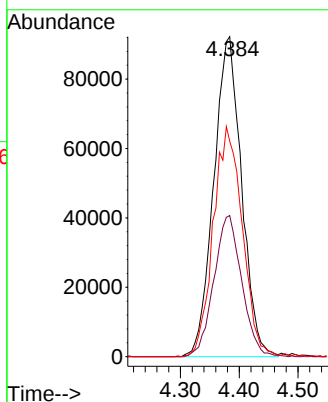
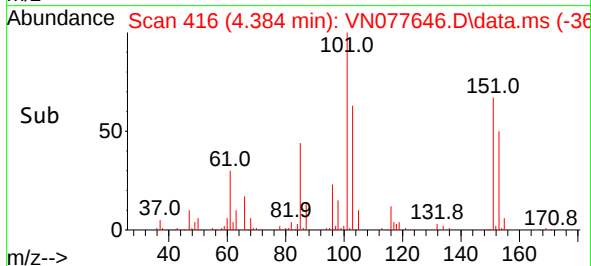
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:101 Resp: 303218  
Ion Ratio Lower Upper  
101 100  
85 44.2 36.6 55.0  
151 74.9 57.6 86.4

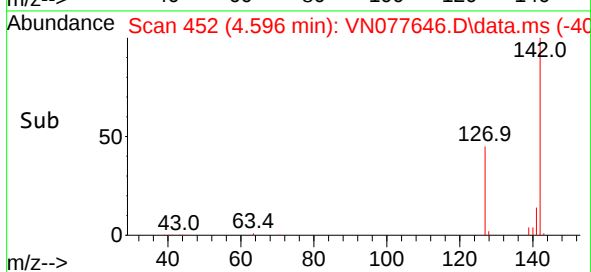
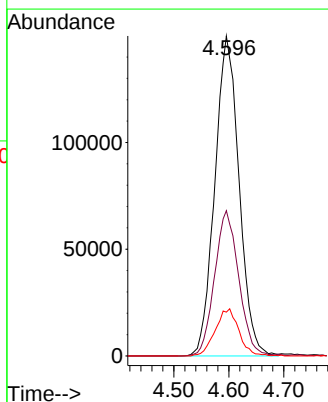
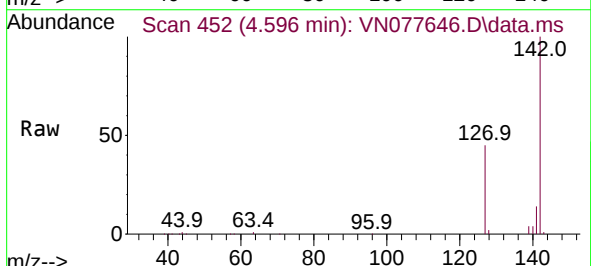
Manual Integrations  
APPROVED

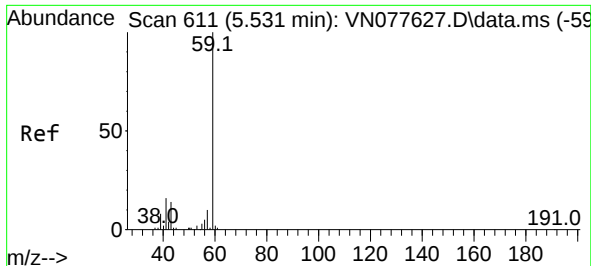
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#10  
Methyl Iodide  
Concen: 45.214 ug/l  
RT: 4.596 min Scan# 452  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

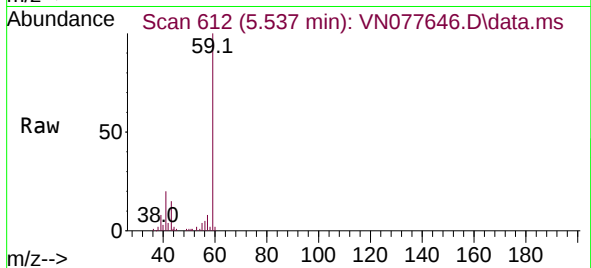
Tgt Ion:142 Resp: 459426  
Ion Ratio Lower Upper  
142 100  
127 45.4 37.6 56.4  
141 13.7 11.4 17.0





#11  
Tert butyl alcohol  
Concen: 200.212 ug/l  
RT: 5.537 min Scan# 611  
Delta R.T. 0.006 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

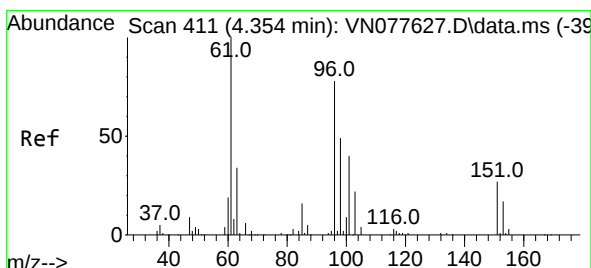
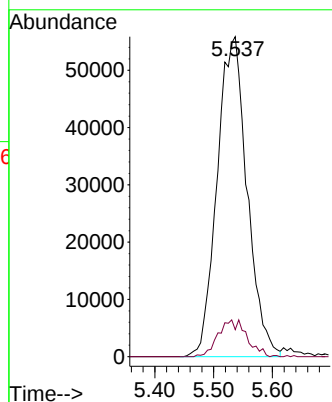
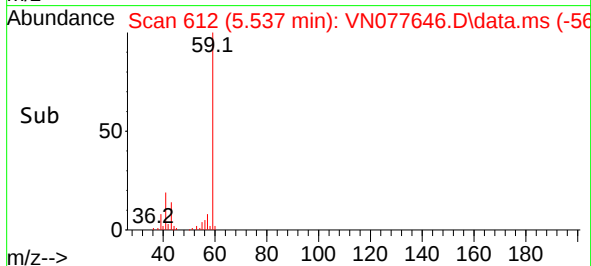
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 59 Resp: 197748  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.2 12.4

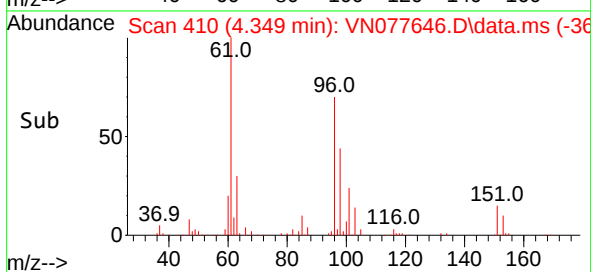
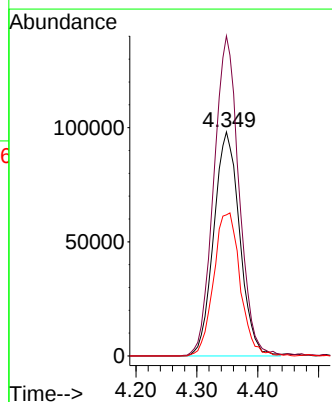
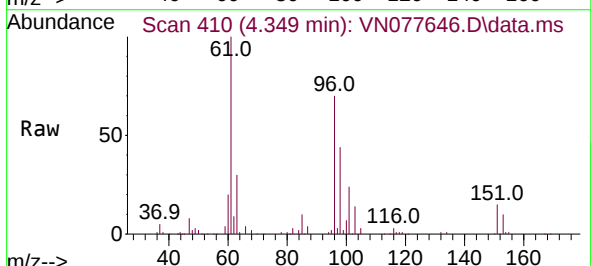
Manual Integrations  
APPROVED

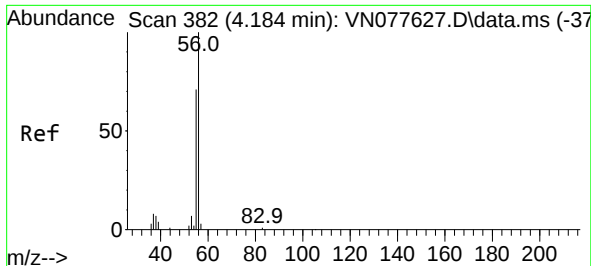
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#12  
1,1-Dichloroethene  
Concen: 44.185 ug/l  
RT: 4.349 min Scan# 410  
Delta R.T. -0.005 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

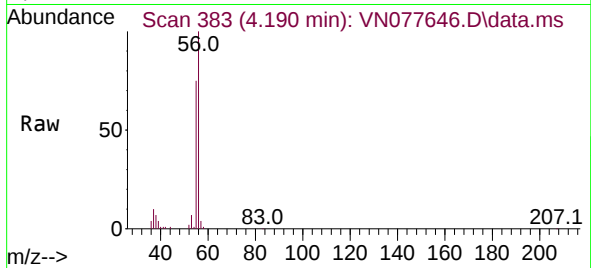
Tgt Ion: 96 Resp: 290313  
Ion Ratio Lower Upper  
96 100  
61 142.8 112.7 169.1  
98 63.0 51.2 76.8





#13  
Acrolein  
Concen: 212.694 ug/l  
RT: 4.190 min Scan# 382  
Delta R.T. 0.006 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

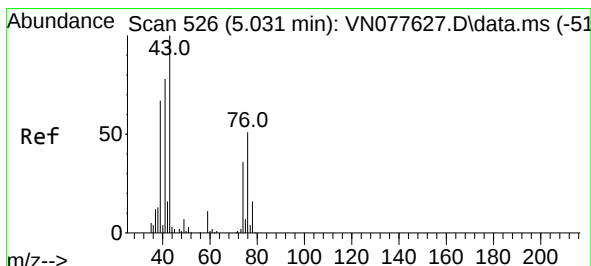
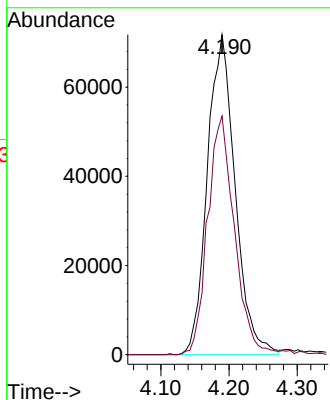
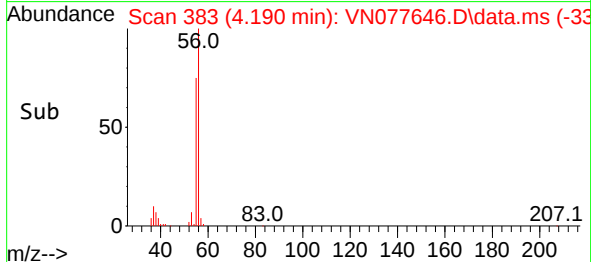
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 203604  
Ion Ratio Lower Upper  
56 100  
55 71.5 54.5 81.7

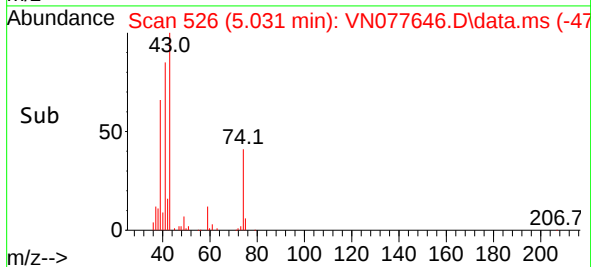
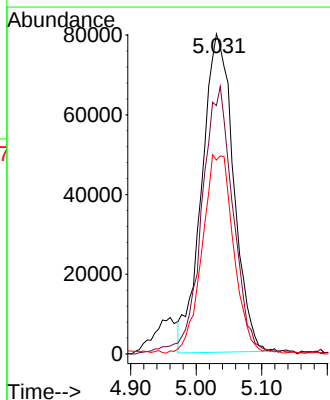
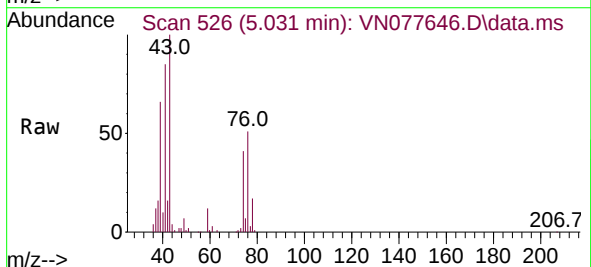
Manual Integrations  
APPROVED

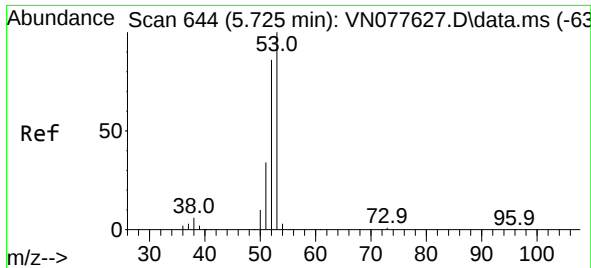
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#14  
Allyl chloride  
Concen: 41.093 ug/l  
RT: 5.031 min Scan# 526  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

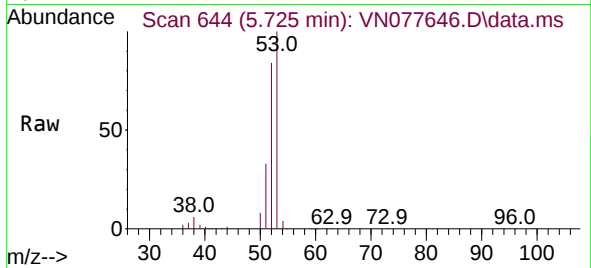
Tgt Ion: 41 Resp: 268161  
Ion Ratio Lower Upper  
41 100  
39 83.4 58.8 88.2  
76 62.0 39.1 58.7#





#15  
Acrylonitrile  
Concen: 215.921 ug/l  
RT: 5.725 min Scan# 644  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

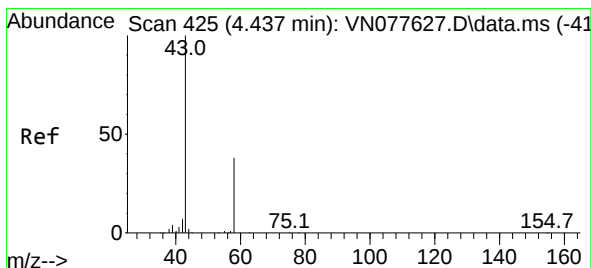
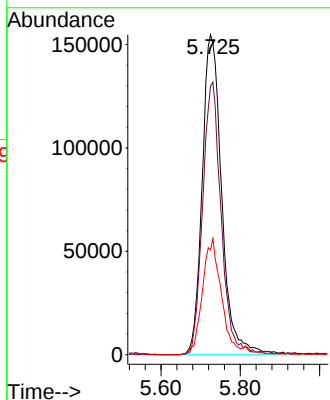
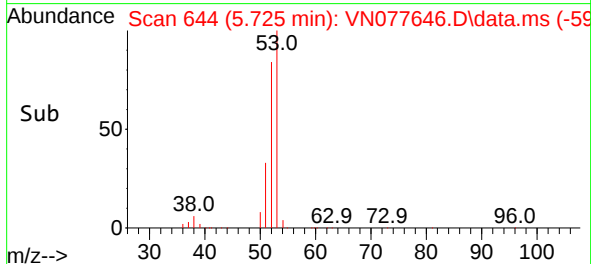
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 53 Resp: 527498  
Ion Ratio Lower Upper  
53 100  
52 80.6 65.3 97.9  
51 34.7 28.9 43.3

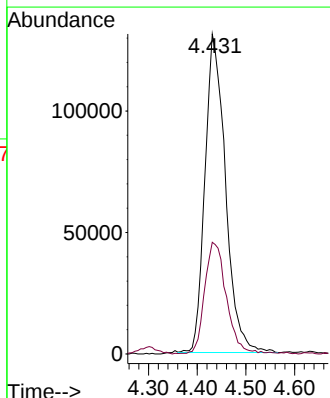
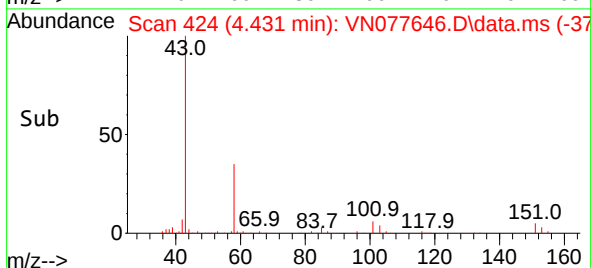
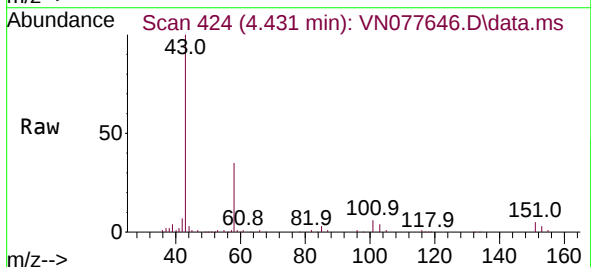
Manual Integrations  
APPROVED

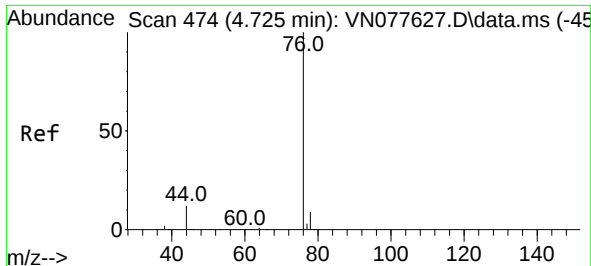
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#16  
Acetone  
Concen: 192.292 ug/l  
RT: 4.431 min Scan# 424  
Delta R.T. -0.006 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

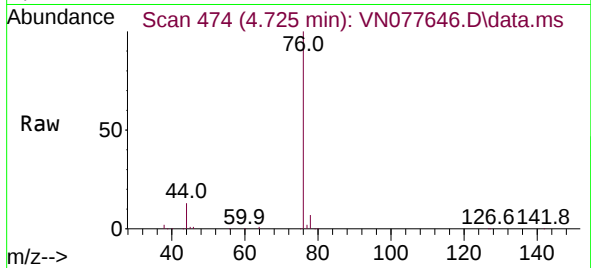
Tgt Ion: 43 Resp: 383398  
Ion Ratio Lower Upper  
43 100  
58 34.9 28.0 42.0





#17  
Carbon Disulfide  
Concen: 43.320 ug/l  
RT: 4.725 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

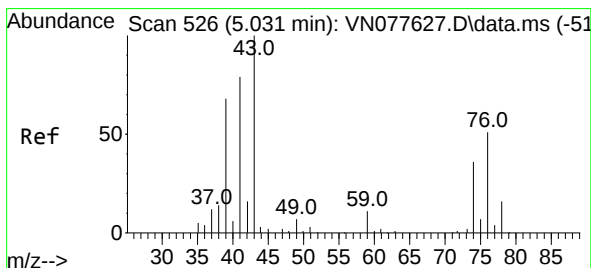
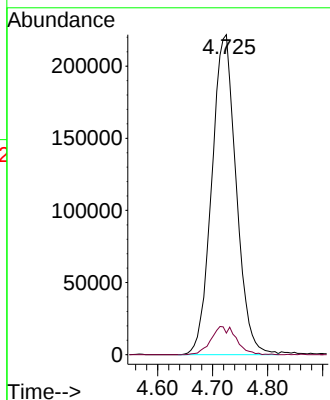
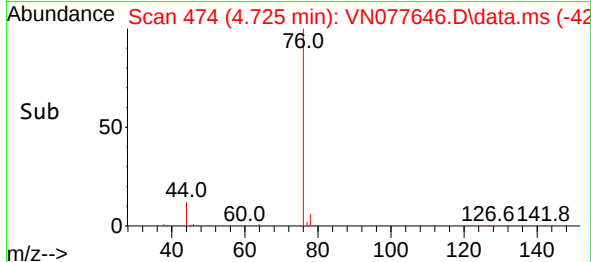
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 76 Resp: 68445  
Ion Ratio Lower Upper  
76 100  
78 6.7 7.4 11.0

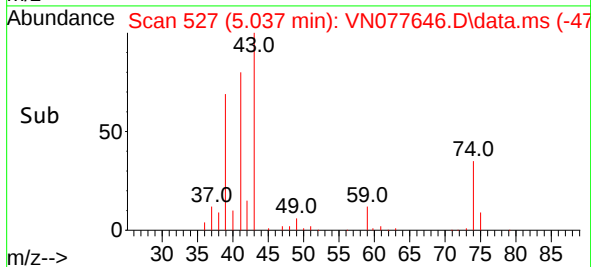
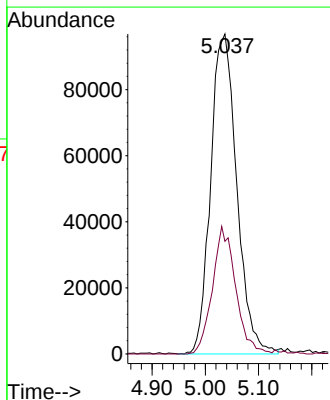
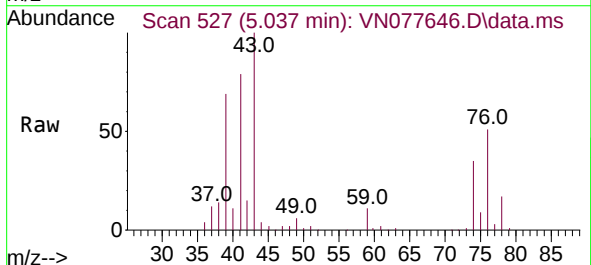
Manual Integrations  
APPROVED

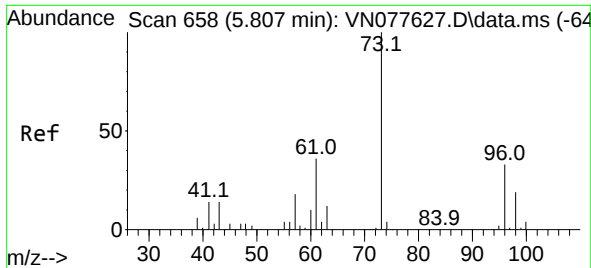
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#18  
Methyl Acetate  
Concen: 41.784 ug/l  
RT: 5.037 min Scan# 527  
Delta R.T. 0.006 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

Tgt Ion: 43 Resp: 330239  
Ion Ratio Lower Upper  
43 100  
74 35.4 26.2 39.4





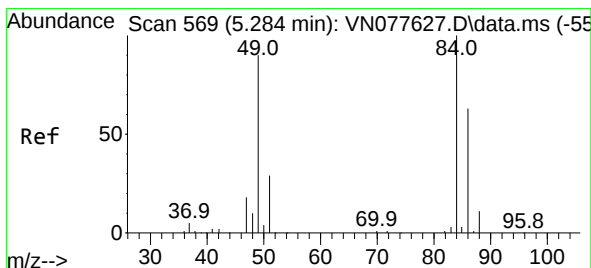
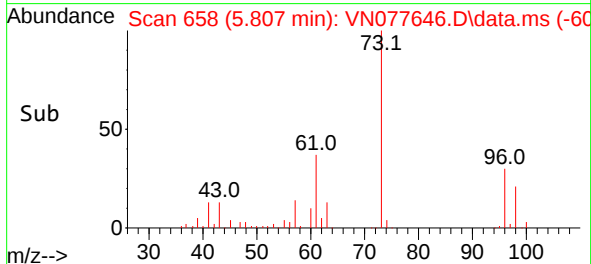
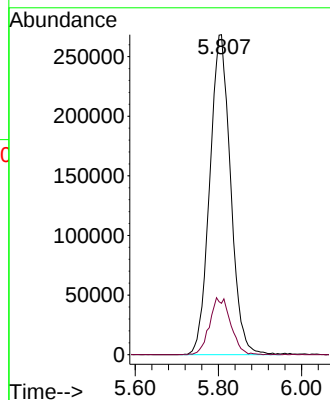
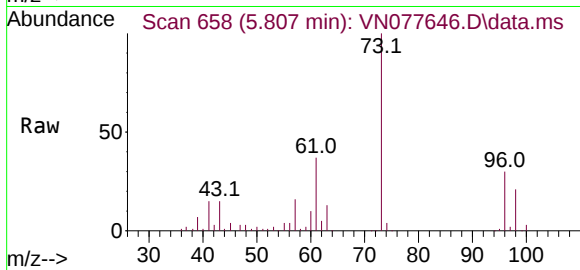
#19  
Methyl tert-butyl Ether  
Concen: 43.119 ug/l  
RT: 5.807 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 73 Resp: 932224  
Ion Ratio Lower Upper  
73 100  
57 16.0 15.6 23.4

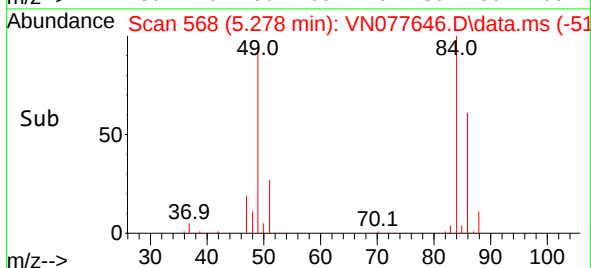
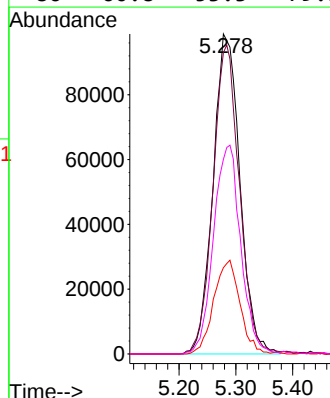
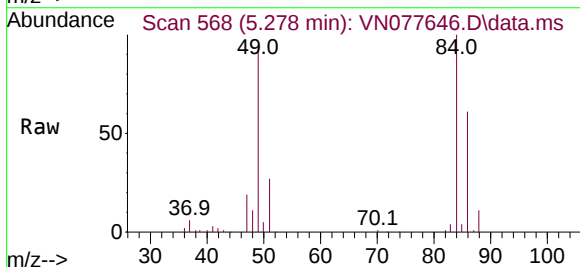
Manual Integrations  
APPROVED

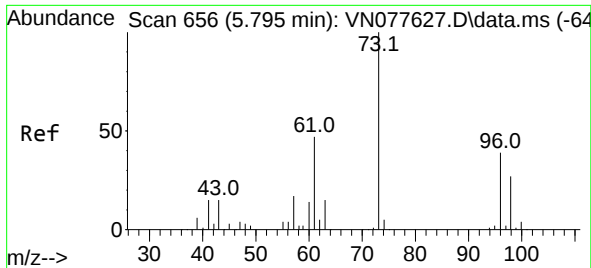
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#20  
Methylene Chloride  
Concen: 39.280 ug/l  
RT: 5.278 min Scan# 568  
Delta R.T. -0.006 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

Tgt Ion: 84 Resp: 324554  
Ion Ratio Lower Upper  
84 100  
49 94.2 79.7 119.5  
51 27.0 25.2 37.8  
86 60.8 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 42.264 ug/l

RT: 5.796 min Scan# 61

Delta R.T. 0.001 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 31409

Ion Ratio Lower Upper

96 100

61 118.6 90.1 135.1

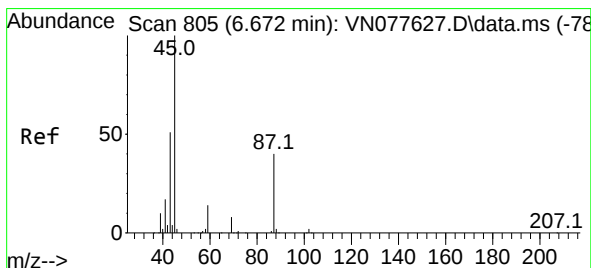
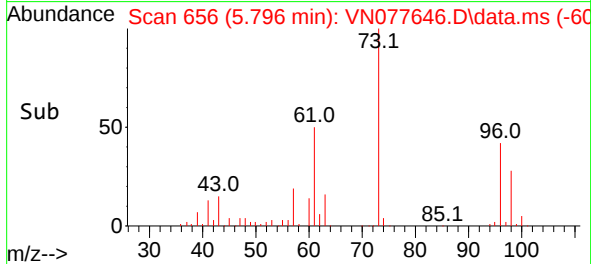
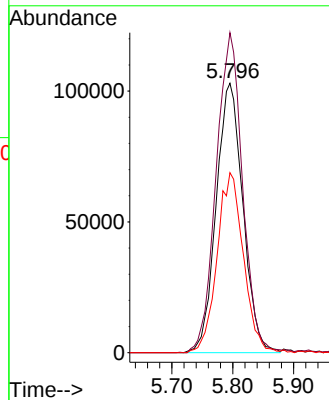
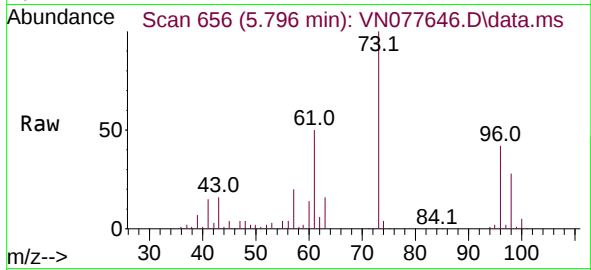
98 66.8 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#22

Diisopropyl ether

Concen: 43.575 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.012 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Tgt Ion: 45 Resp: 701963

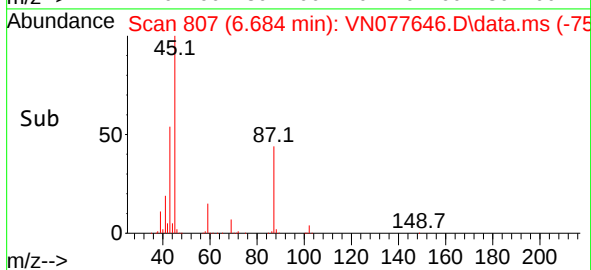
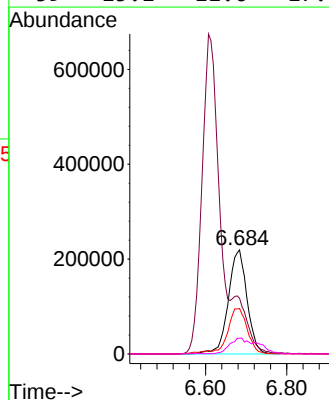
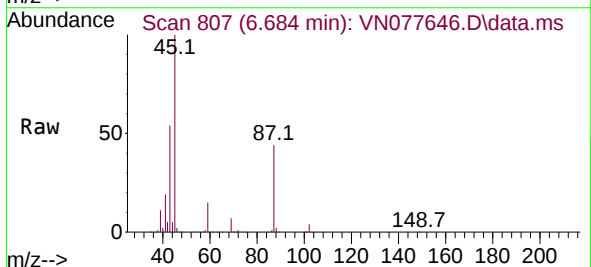
Ion Ratio Lower Upper

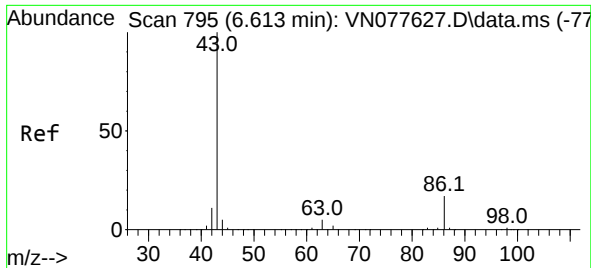
45 100

43 53.5 45.5 68.3

87 43.4 31.8 47.8

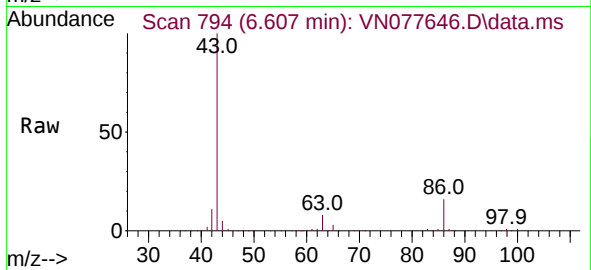
59 15.1 11.6 17.4





#23  
 Vinyl Acetate  
 Concen: 217.989 ug/l  
 RT: 6.607 min Scan# 794  
 Delta R.T. -0.006 min  
 Lab File: VN077646.D  
 Acq: 09 May 2023 20:57

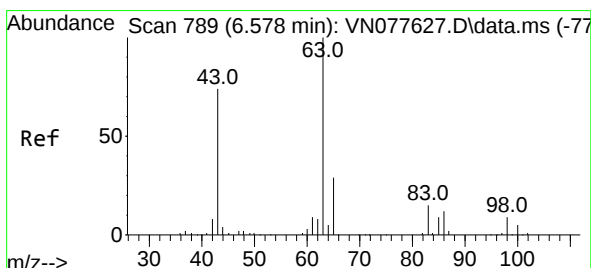
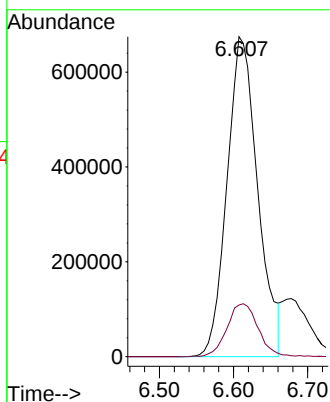
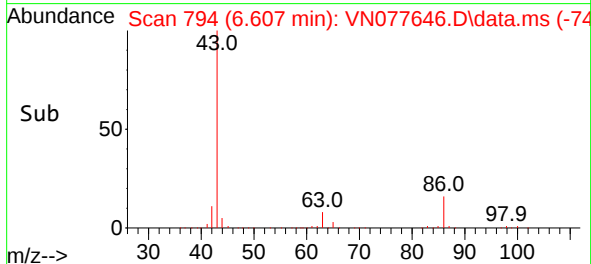
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1946184  
 Ion Ratio Lower Upper  
 43 100  
 86 16.1 13.0 19.6

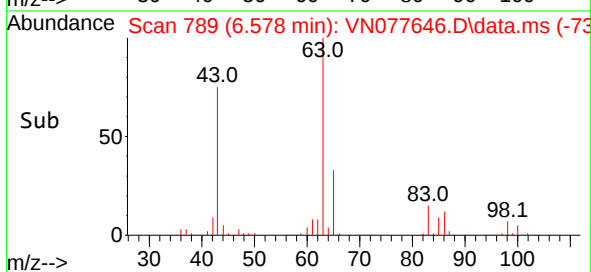
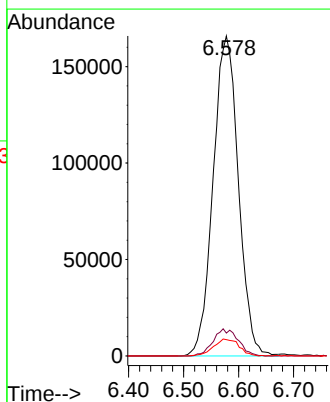
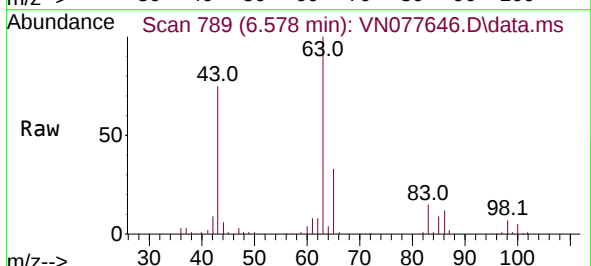
Manual Integrations  
 APPROVED

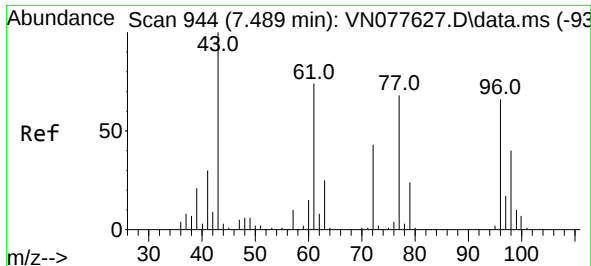
Reviewed By :John Carlone 05/10/2023  
 Supervised By :Mahesh Dadoda 05/10/2023



#24  
 1,1-Dichloroethane  
 Concen: 43.359 ug/l  
 RT: 6.578 min Scan# 789  
 Delta R.T. -0.000 min  
 Lab File: VN077646.D  
 Acq: 09 May 2023 20:57

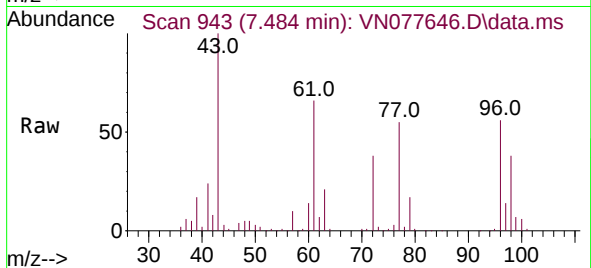
Tgt Ion: 63 Resp: 529504  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.9 11.7  
 100 5.1 2.5 7.4





#25  
2-Butanone  
Concen: 209.547 ug/l  
RT: 7.484 min Scan# 944  
Delta R.T. -0.005 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

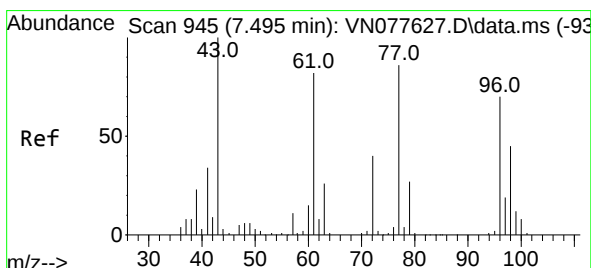
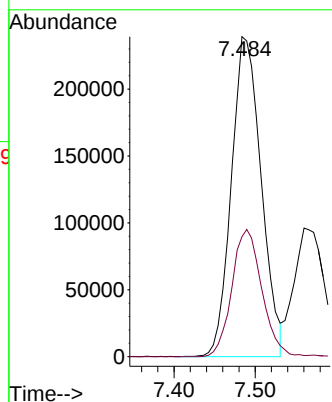
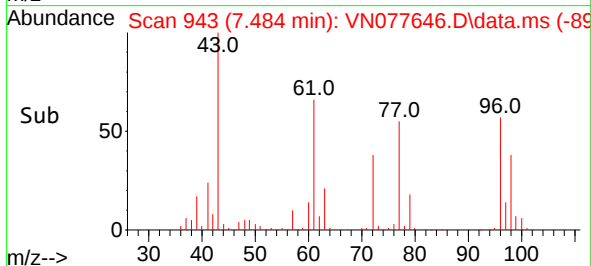
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 610662  
Ion Ratio Lower Upper  
43 100  
72 37.5 30.2 45.2

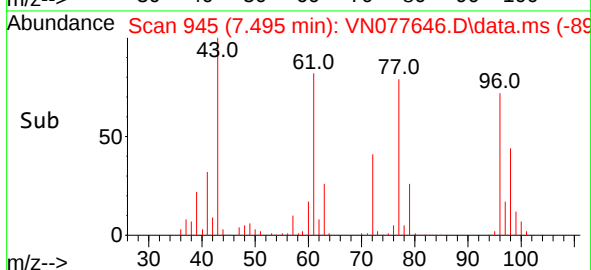
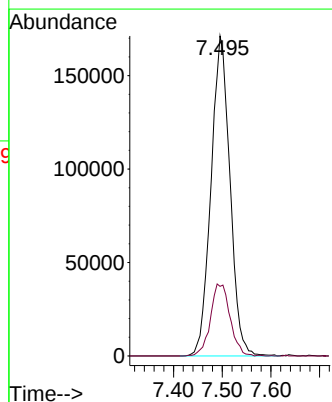
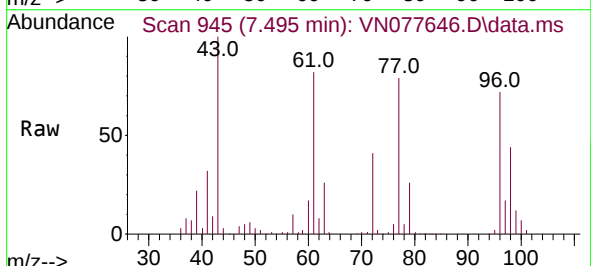
Manual Integrations  
APPROVED

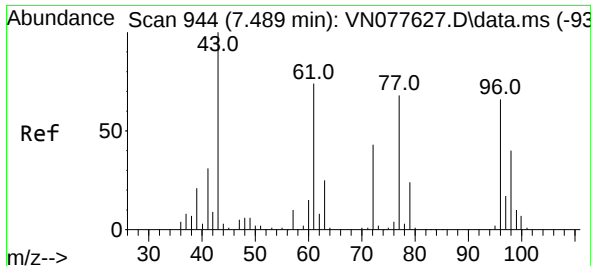
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#26  
2,2-Dichloropropane  
Concen: 41.808 ug/l  
RT: 7.495 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

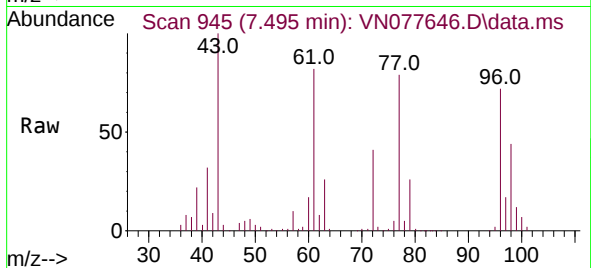
Tgt Ion: 77 Resp: 462715  
Ion Ratio Lower Upper  
77 100  
97 23.3 11.2 33.6





#27  
 cis-1,2-Dichloroethene  
 Concen: 44.448 ug/l  
 RT: 7.495 min Scan# 944  
 Delta R.T. 0.006 min  
 Lab File: VN077646.D  
 Acq: 09 May 2023 20:57

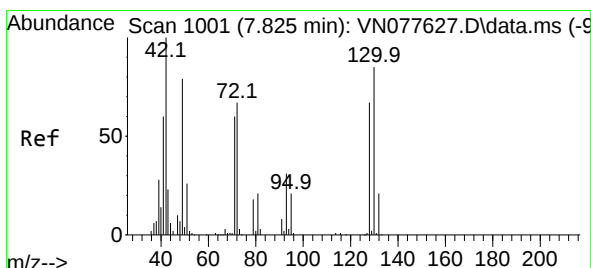
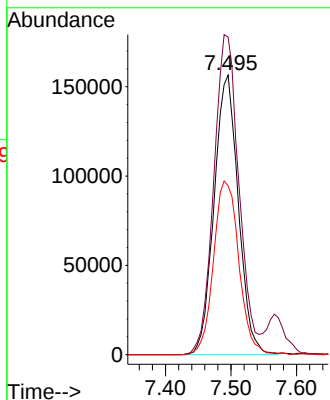
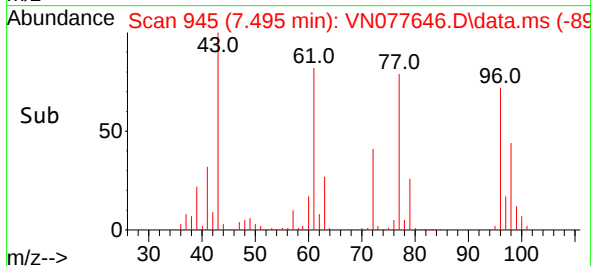
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion: 96 Resp: 401818  
 Ion Ratio Lower Upper  
 96 100  
 61 118.3 0.0 255.2  
 98 65.0 0.0 128.8

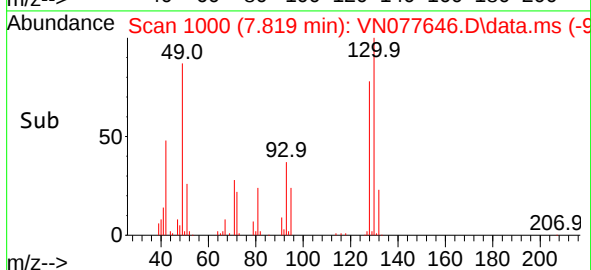
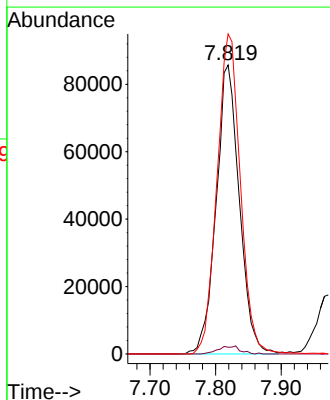
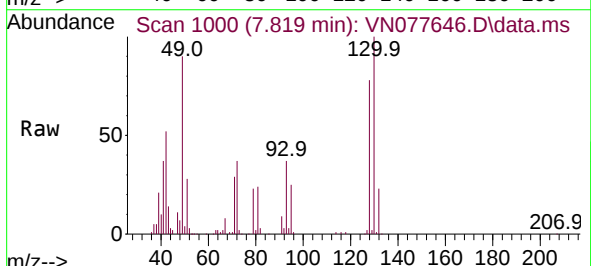
Manual Integrations  
 APPROVED

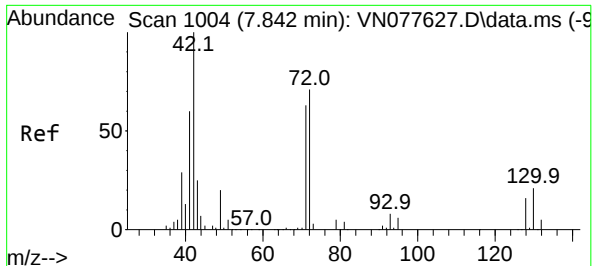
Reviewed By :John Carlone 05/10/2023  
 Supervised By :Mahesh Dadoda 05/10/2023



#28  
 Bromochloromethane  
 Concen: 47.187 ug/l  
 RT: 7.819 min Scan# 1000  
 Delta R.T. -0.006 min  
 Lab File: VN077646.D  
 Acq: 09 May 2023 20:57

Tgt Ion: 49 Resp: 210265  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 4.8  
 130 111.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 218.081 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077646.D

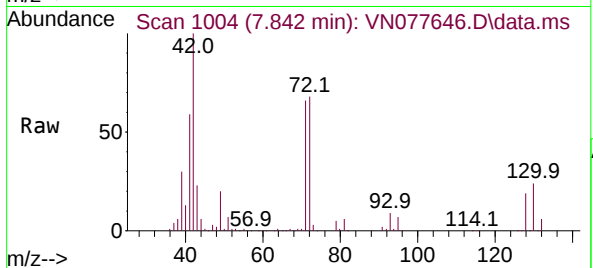
Acq: 09 May 2023 20:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC



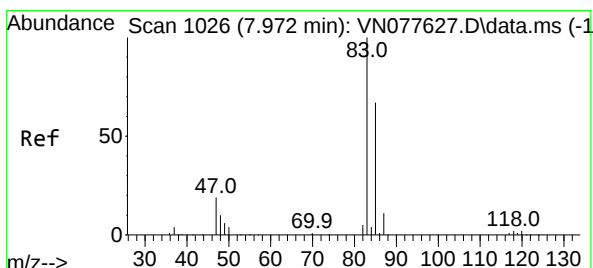
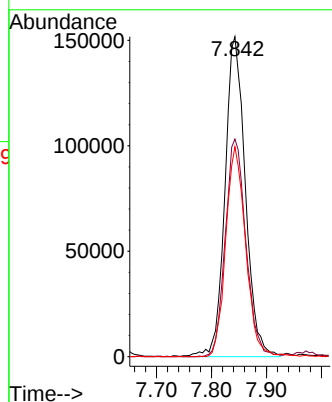
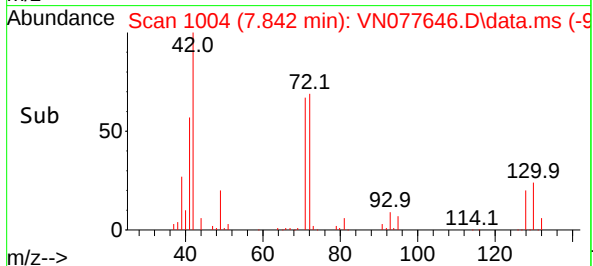
| Tgt Ion:  | 42   | Resp: | 390390 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 42        | 100  |       |        |
| 72        | 68.9 | 49.8  | 74.6   |
| 71        | 63.9 | 47.4  | 71.2   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#30

Chloroform

Concen: 44.774 ug/l

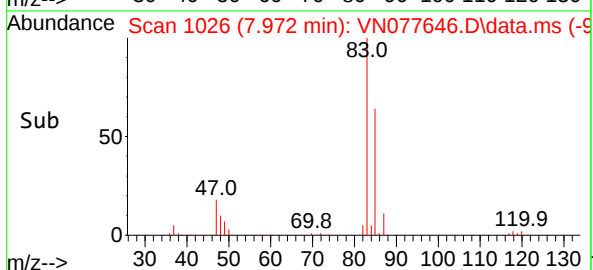
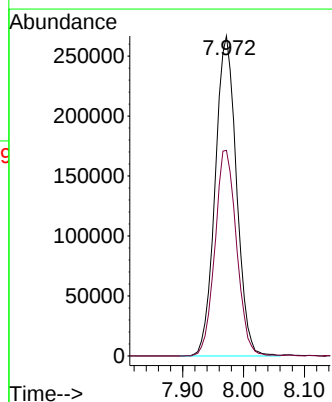
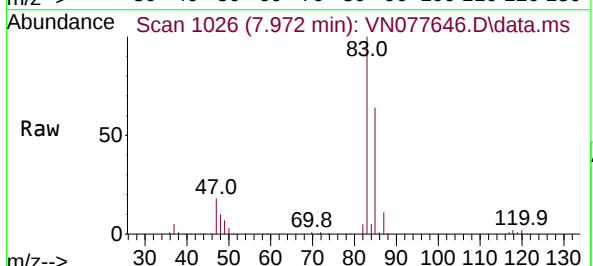
RT: 7.972 min Scan# 1026

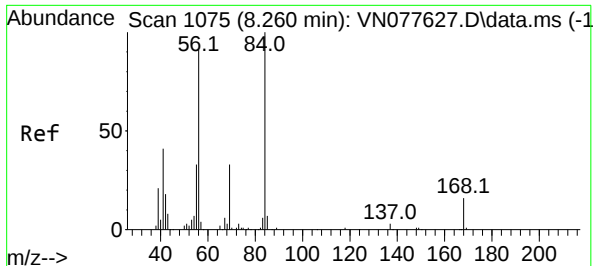
Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

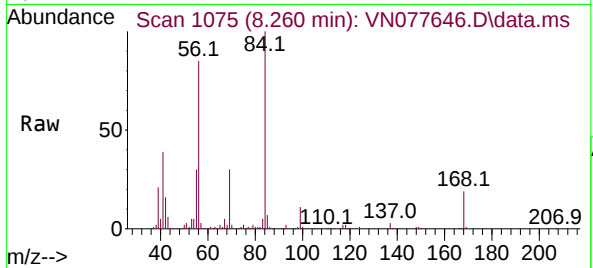
| Tgt Ion:  | 83   | Resp: | 648017 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 64.3 | 55.4  | 83.0   |





#31  
Cyclohexane  
Concen: 41.445 ug/l  
RT: 8.260 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

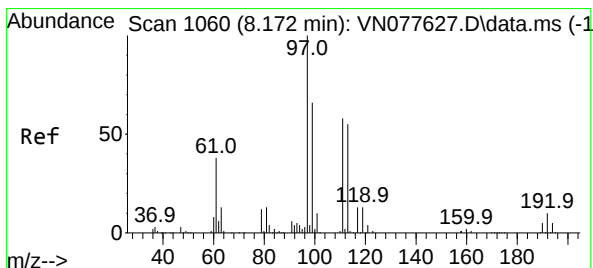
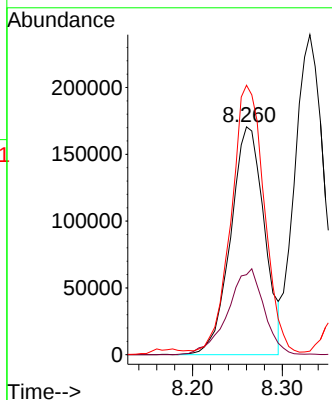
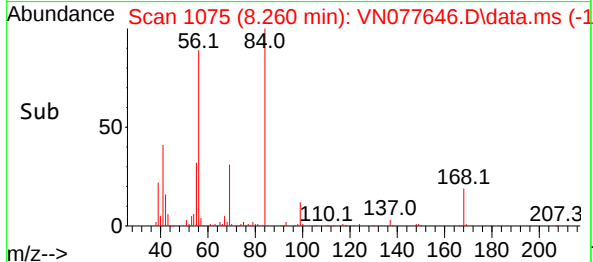
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 444708  
Ion Ratio Lower Upper  
56 100  
69 35.0 26.8 40.2  
84 116.3 81.8 122.6

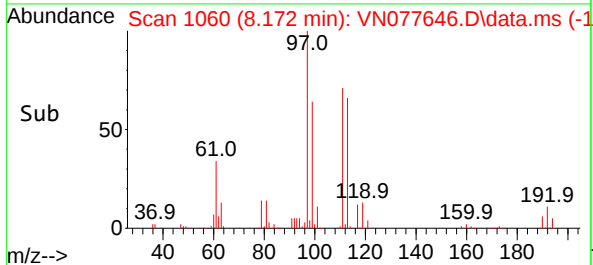
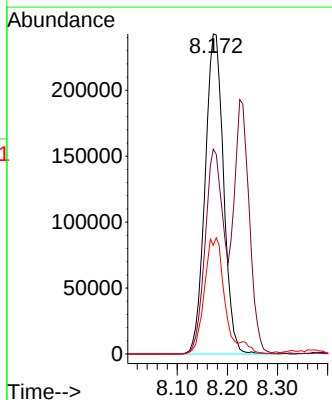
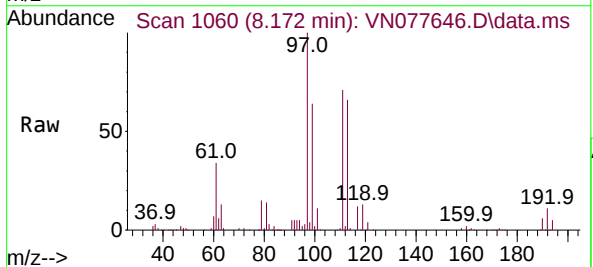
Manual Integrations  
APPROVED

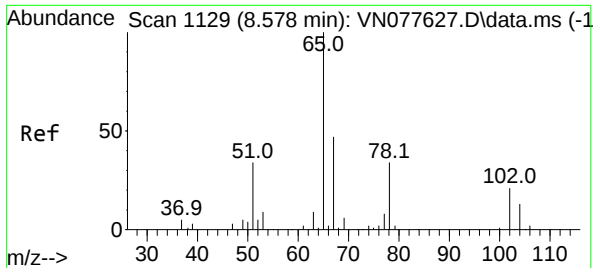
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#32  
1,1,1-Trichloroethane  
Concen: 46.604 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

Tgt Ion: 97 Resp: 621048  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.3 75.5  
61 40.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.193 ug/l

RT: 8.584 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 413032

Ion Ratio Lower Upper

65 100

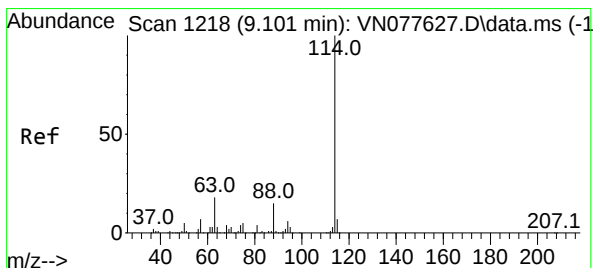
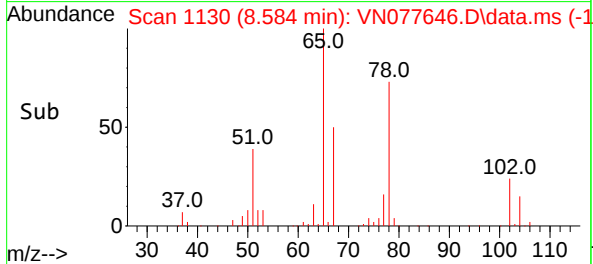
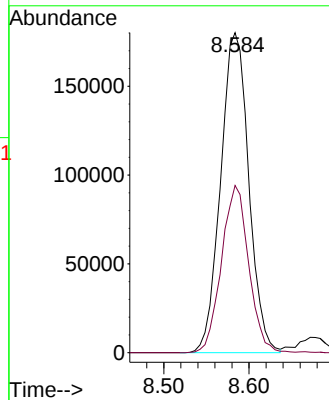
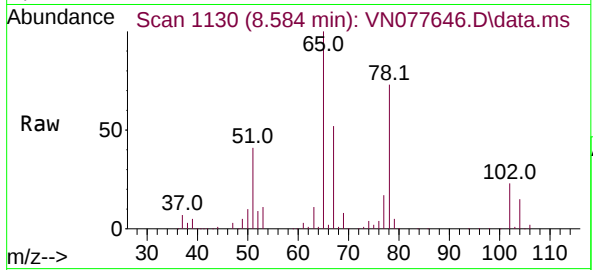
67 50.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

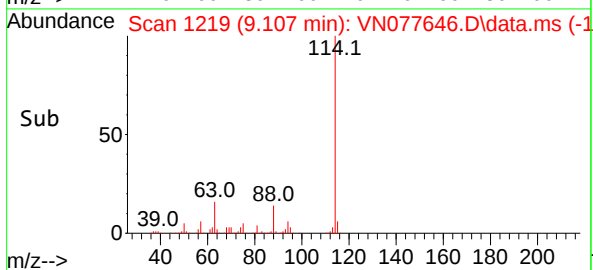
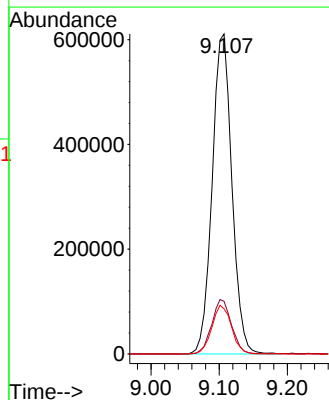
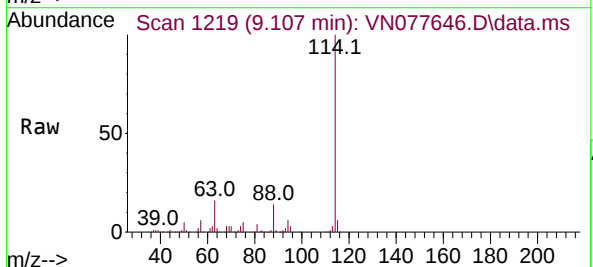
Tgt Ion:114 Resp: 1229391

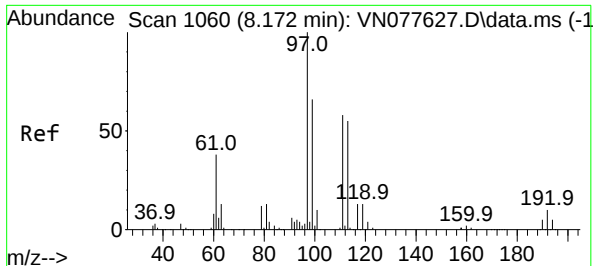
Ion Ratio Lower Upper

114 100

63 16.5 0.0 36.4

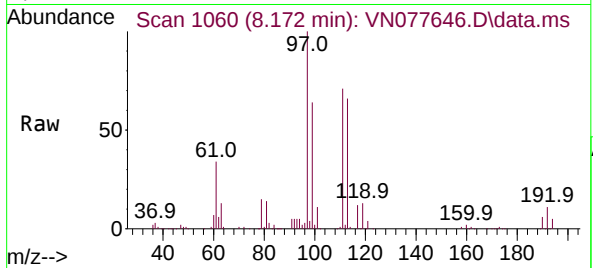
88 14.1 0.0 30.6





#35  
Dibromofluoromethane  
Concen: 49.996 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

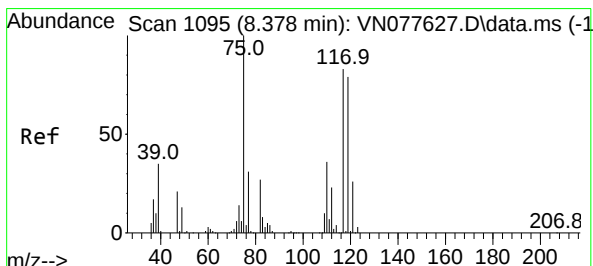
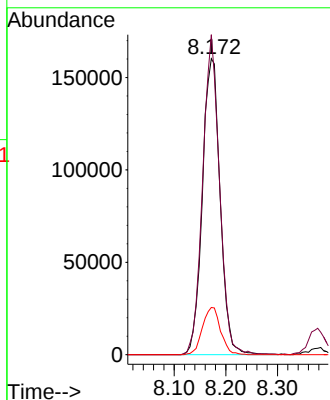
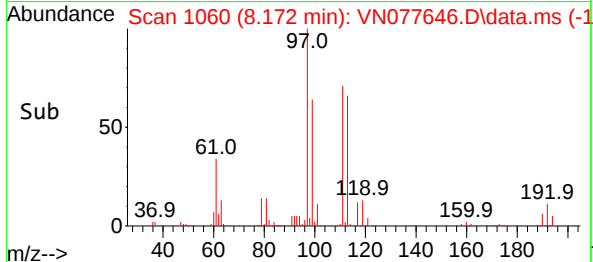
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



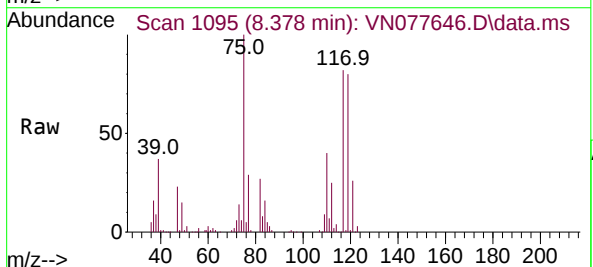
Tgt Ion: 113 Resp: 383340  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.6 123.8  
192 16.2 12.7 19.1

Manual Integrations  
APPROVED

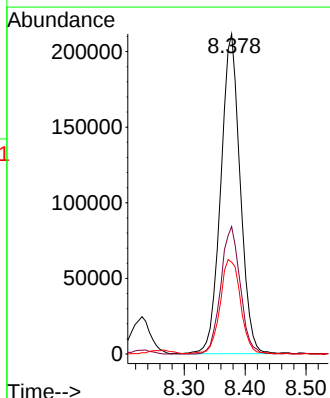
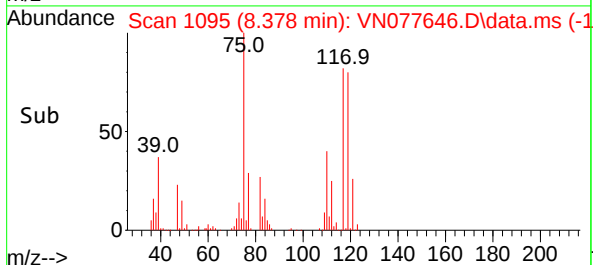
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

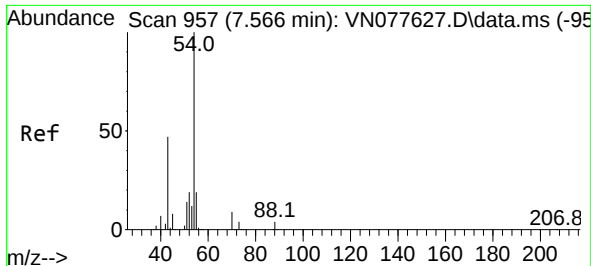


#36  
1,1-Dichloropropene  
Concen: 44.148 ug/l  
RT: 8.378 min Scan# 1095  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57



Tgt Ion: 75 Resp: 467144  
Ion Ratio Lower Upper  
75 100  
110 39.9 19.1 57.3  
77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 42.463 ug/l

RT: 7.560 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN077646.D

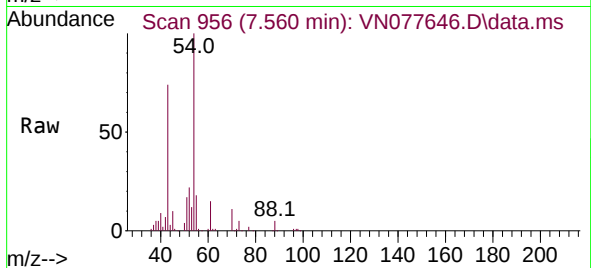
Acq: 09 May 2023 20:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC



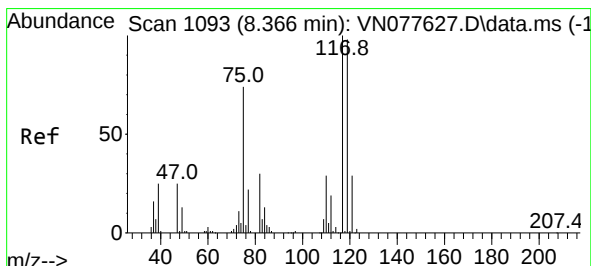
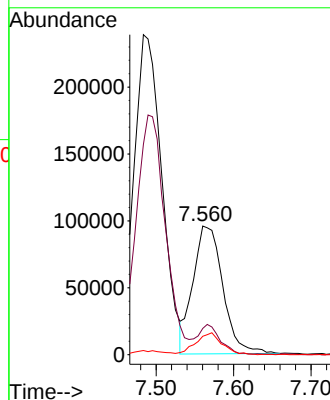
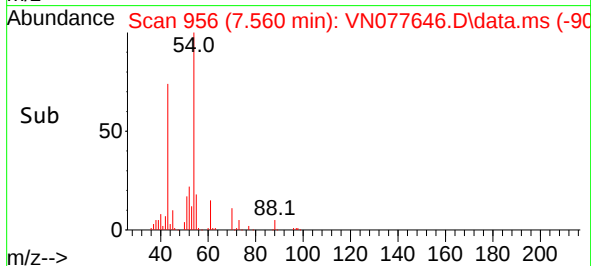
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 25691 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 17.8  | 13.2  | 19.8  |
| 70        | 15.1  | 11.3  | 16.9  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#38

Carbon Tetrachloride

Concen: 46.033 ug/l

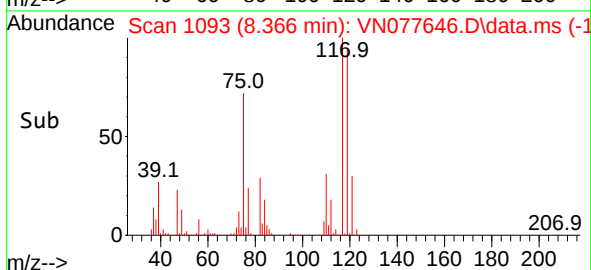
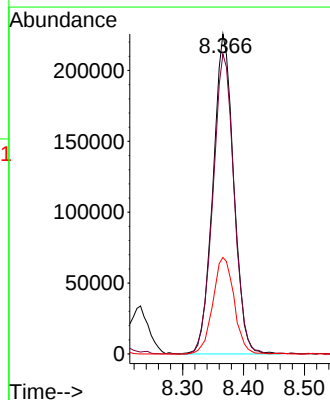
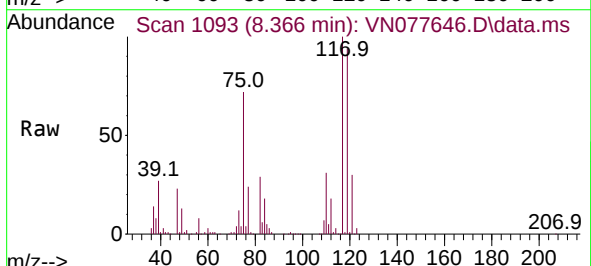
RT: 8.366 min Scan# 1093

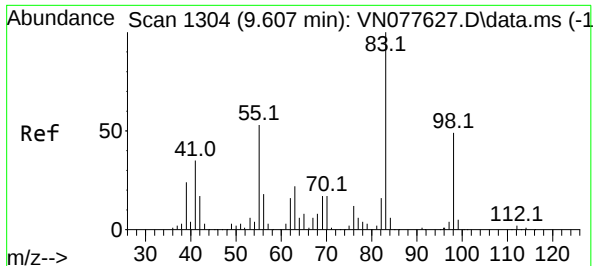
Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 532130 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 93.7  | 77.3  | 115.9  |
| 121       | 30.2  | 23.3  | 34.9   |





#39

Methylcyclohexane

Concen: 46.427 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 60982

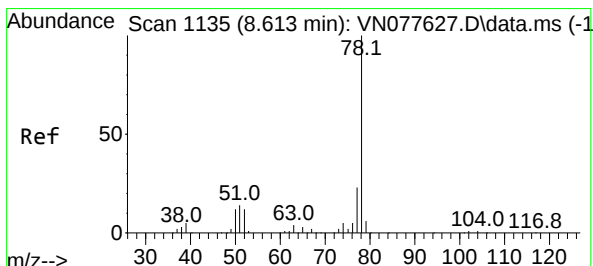
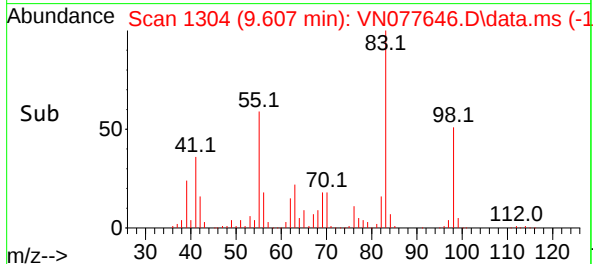
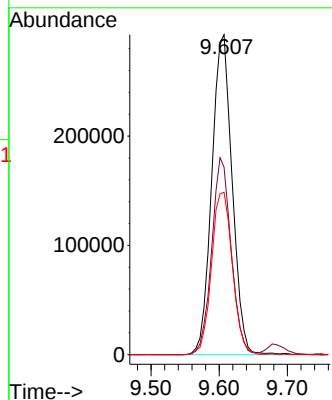
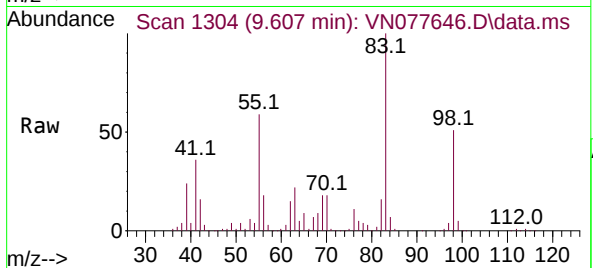
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 58.6  | 49.1  | 73.7  |
| 98  | 50.7  | 40.6  | 61.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#40

Benzene

Concen: 44.748 ug/l

RT: 8.613 min Scan# 1135

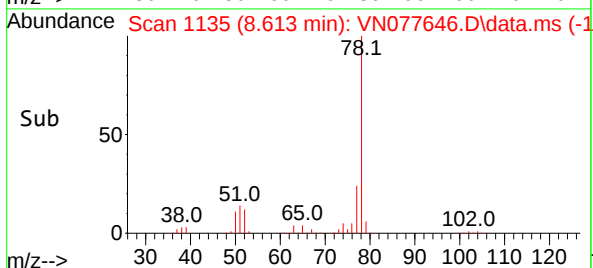
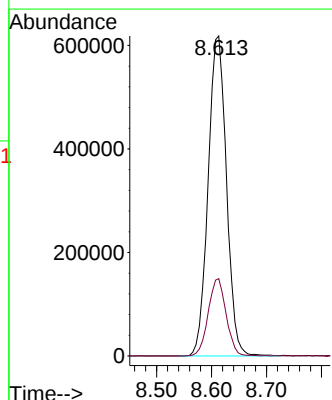
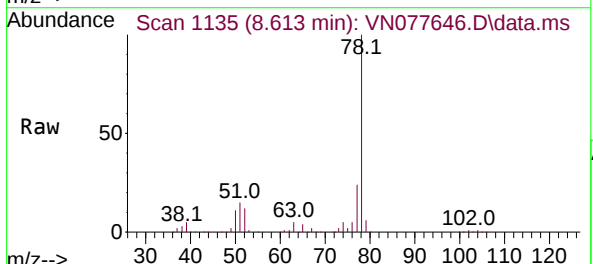
Delta R.T. -0.000 min

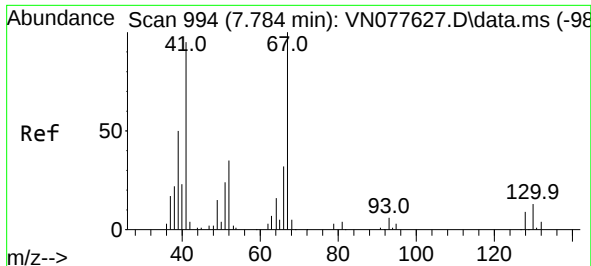
Lab File: VN077646.D

Acq: 09 May 2023 20:57

Tgt Ion: 78 Resp: 1432417

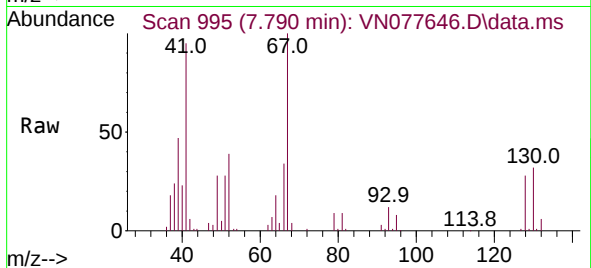
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.2  | 19.0  | 28.6  |





#41  
Methacrylonitrile  
Concen: 38.738 ug/l  
RT: 7.790 min Scan# 994  
Delta R.T. 0.006 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

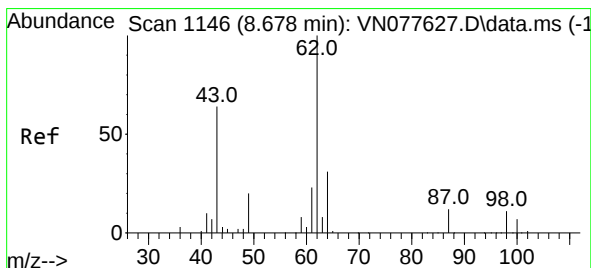
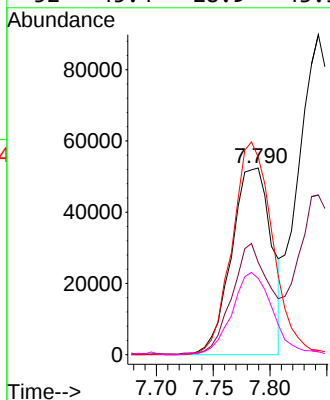
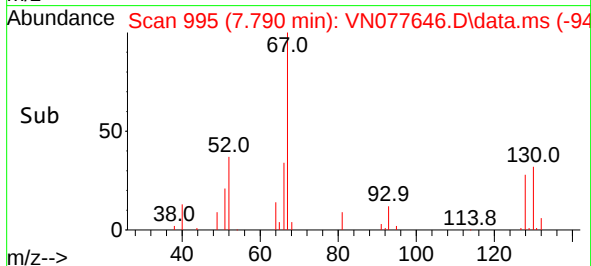
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 41 Resp: 128050  
Ion Ratio Lower Upper  
41 100  
39 56.2 42.6 64.0  
67 116.0 77.5 116.3  
52 45.4 28.9 43.3#

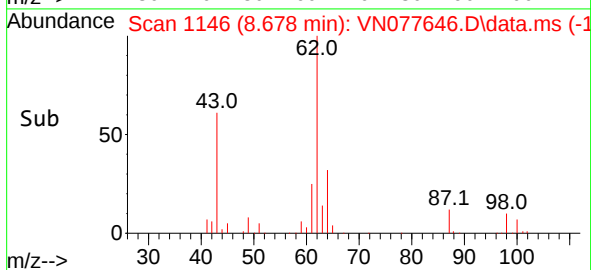
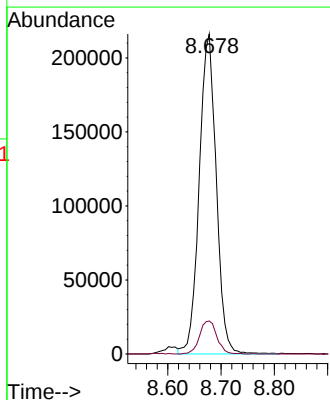
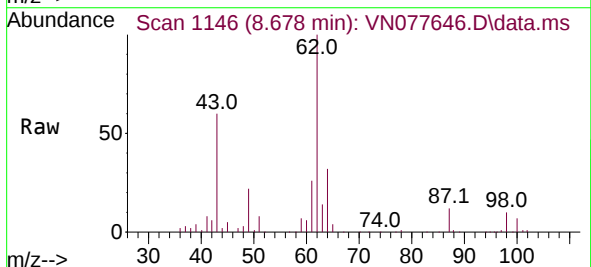
Manual Integrations  
APPROVED

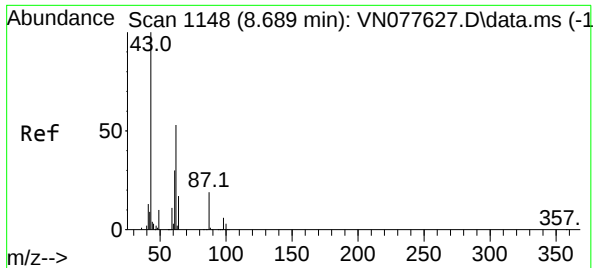
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#42  
1,2-Dichloroethane  
Concen: 44.626 ug/l  
RT: 8.678 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

Tgt Ion: 62 Resp: 479022  
Ion Ratio Lower Upper  
62 100  
98 10.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 47.758 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 506618

Ion Ratio Lower Upper

43 100

61 33.3 24.7 37.1

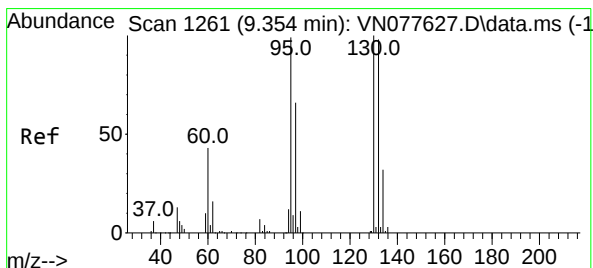
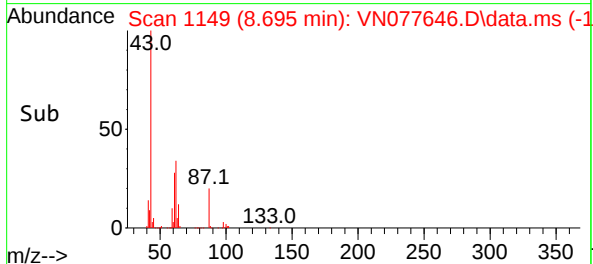
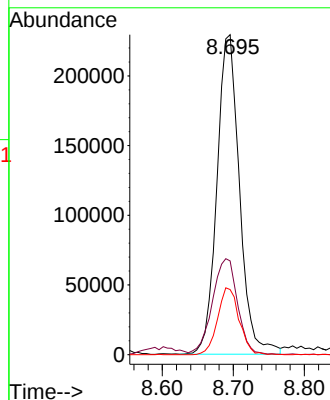
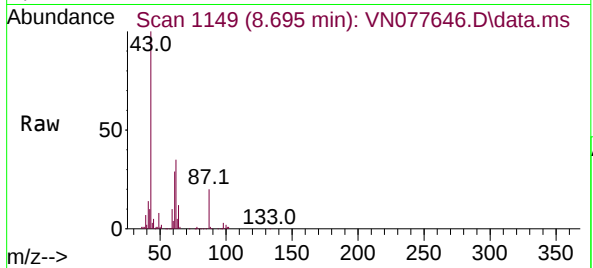
87 19.9 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#44

Trichloroethene

Concen: 44.823 ug/l

RT: 9.360 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VN077646.D

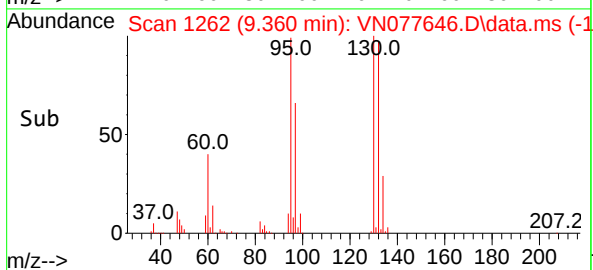
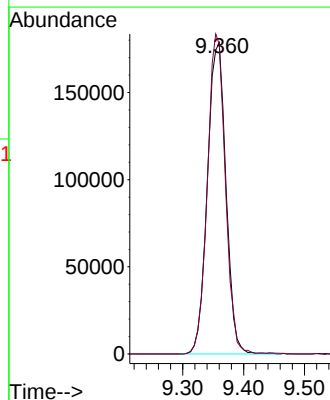
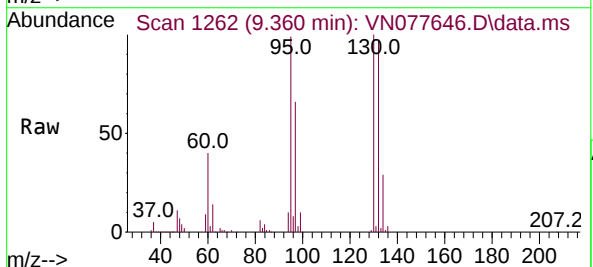
Acq: 09 May 2023 20:57

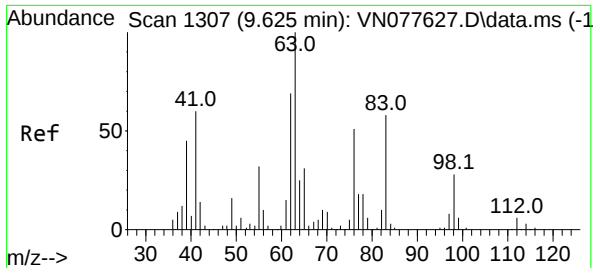
Tgt Ion:130 Resp: 376907

Ion Ratio Lower Upper

130 100

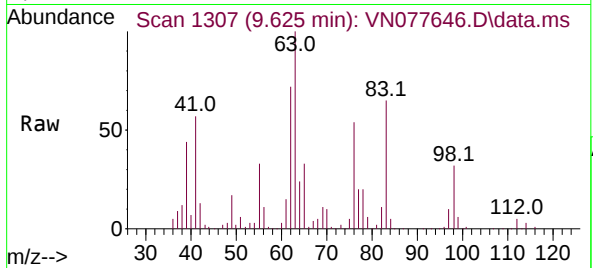
95 99.5 0.0 204.6





#45  
1,2-Dichloropropane  
Concen: 43.213 ug/l  
RT: 9.625 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

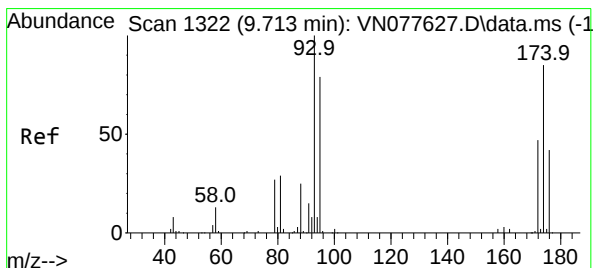
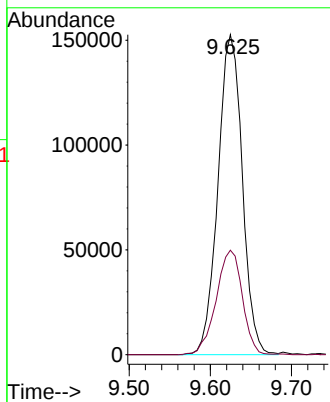
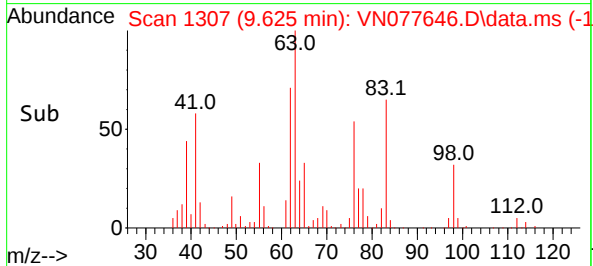
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



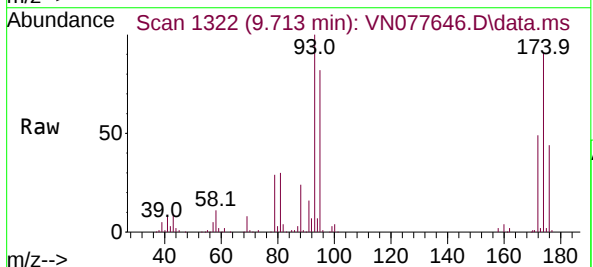
Tgt Ion: 63 Resp: 318062  
Ion Ratio Lower Upper  
63 100  
65 32.7 23.9 35.9

Manual Integrations  
APPROVED

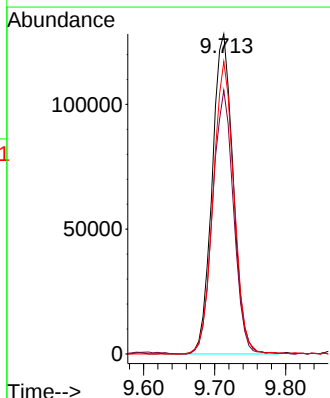
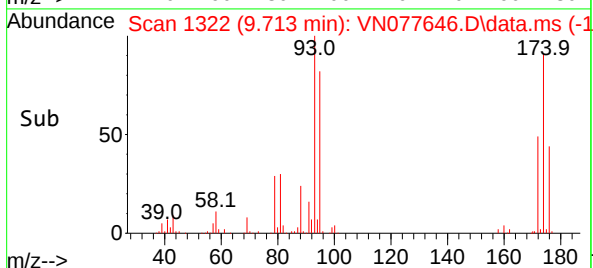
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

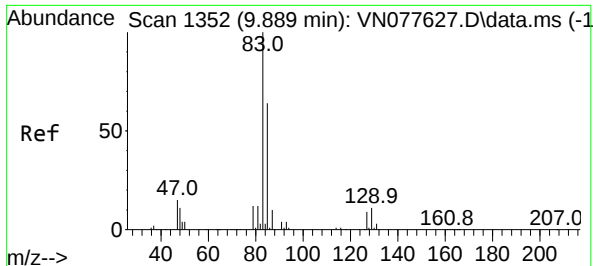


#46  
Dibromomethane  
Concen: 45.880 ug/l  
RT: 9.713 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57



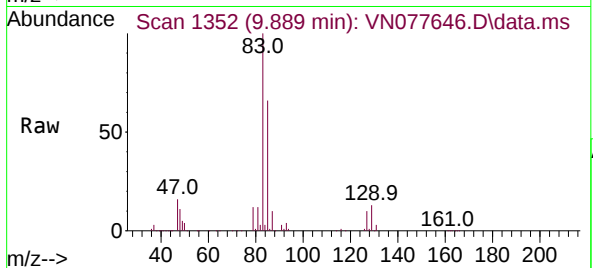
Tgt Ion: 93 Resp: 262682  
Ion Ratio Lower Upper  
93 100  
95 82.3 63.8 95.8  
174 90.7 65.6 98.4





#47  
Bromodichloromethane  
Concen: 46.969 ug/l  
RT: 9.889 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

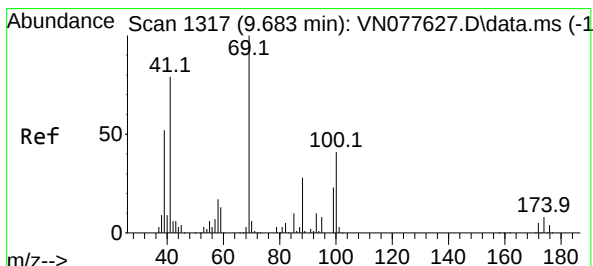
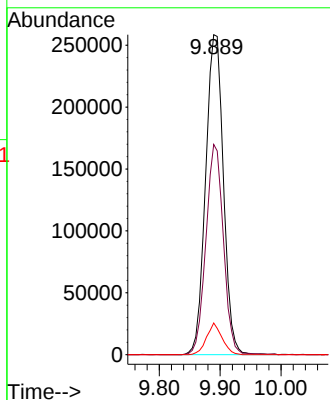
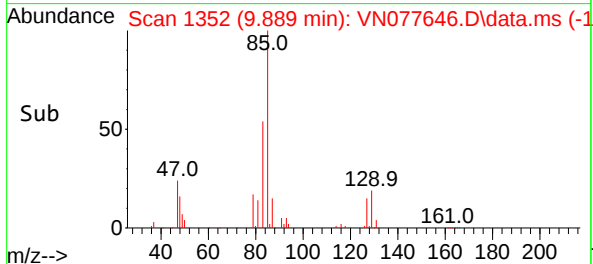
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



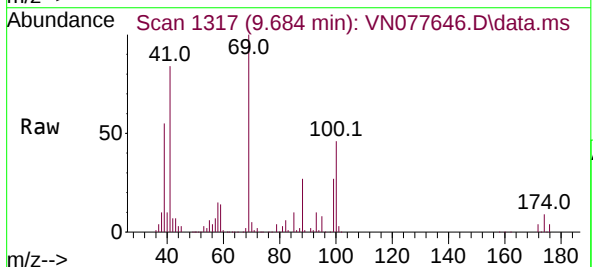
Tgt Ion: 83 Resp: 52524  
Ion Ratio Lower Upper  
83 100  
85 65.7 49.6 74.4  
127 9.9 7.0 10.6

Manual Integrations  
APPROVED

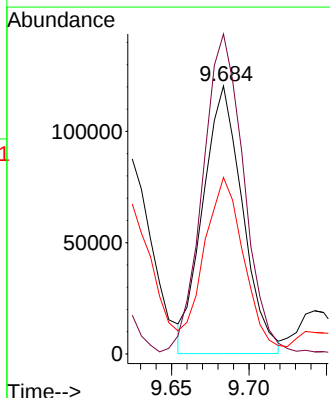
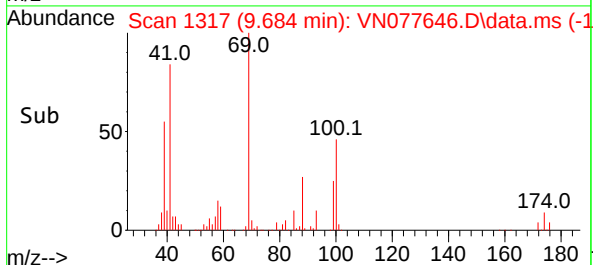
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

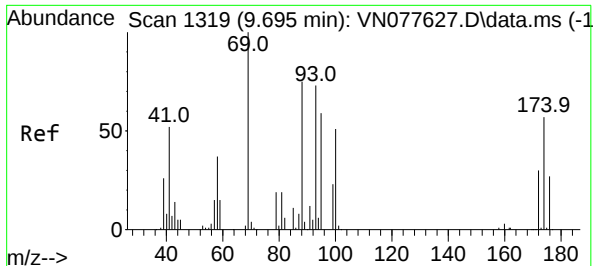


#48  
Methyl methacrylate  
Concen: 42.876 ug/l  
RT: 9.684 min Scan# 1317  
Delta R.T. 0.001 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57



Tgt Ion: 41 Resp: 213474  
Ion Ratio Lower Upper  
41 100  
69 126.0 90.4 135.6  
39 67.4 54.6 81.8





#49

1,4-Dioxane

Concen: 884.923 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 13103

Ion Ratio Lower Upper

88 100

43 17.7 17.0 25.6

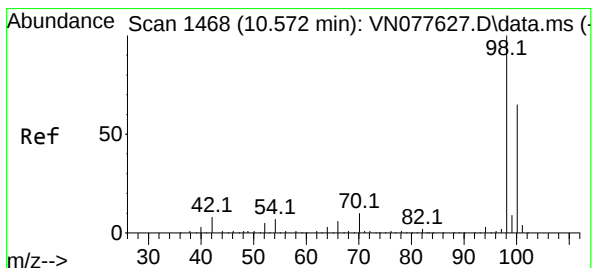
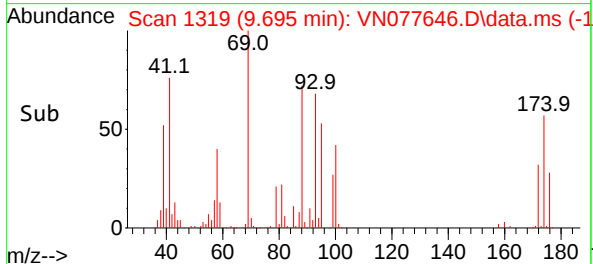
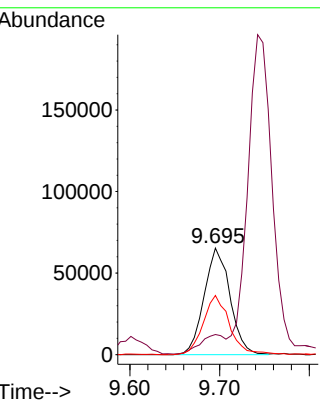
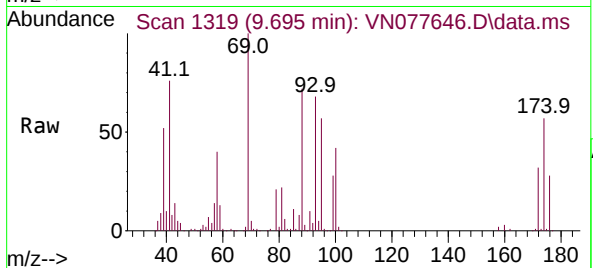
58 56.7 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#50

Toluene-d8

Concen: 50.609 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VN077646.D

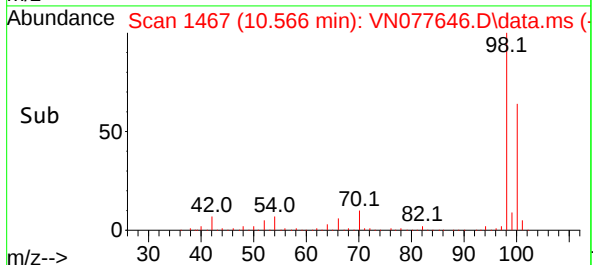
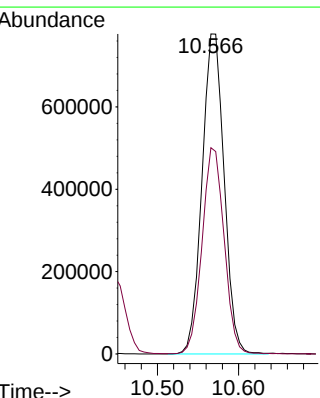
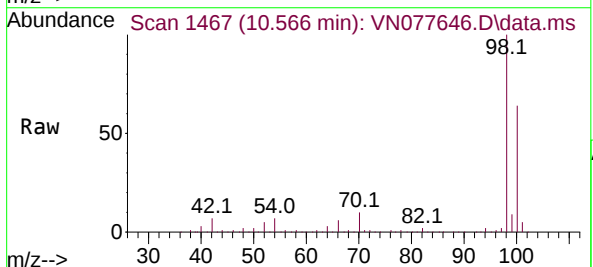
Acq: 09 May 2023 20:57

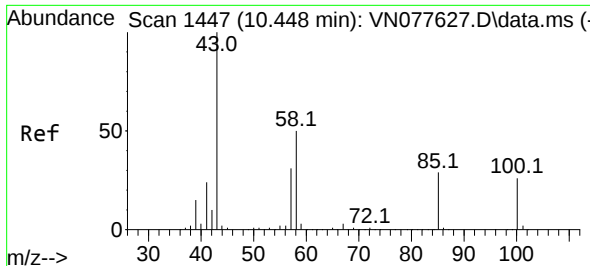
Tgt Ion: 98 Resp: 1469130

Ion Ratio Lower Upper

98 100

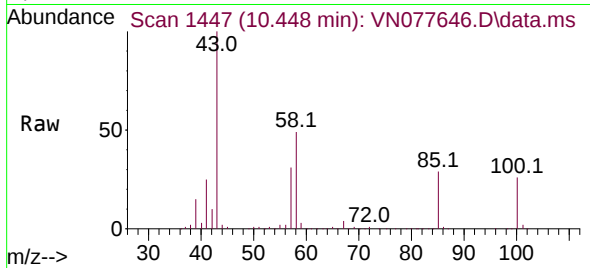
100 64.5 52.0 78.0





#51  
4-Methyl-2-Pentanone  
Concen: 210.146 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

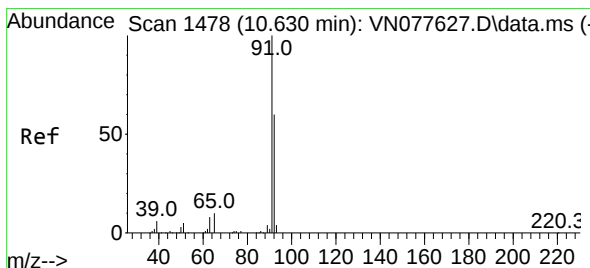
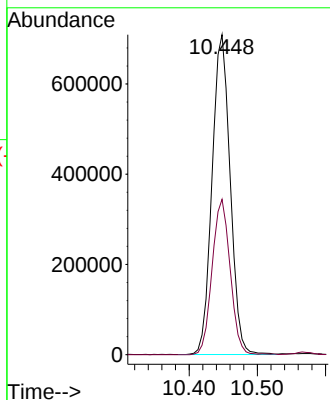
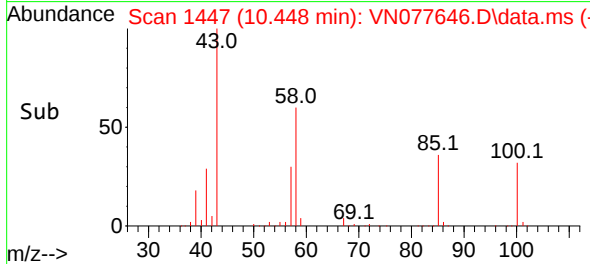
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 1311484  
Ion Ratio Lower Upper  
43 100  
58 48.2 36.6 54.8

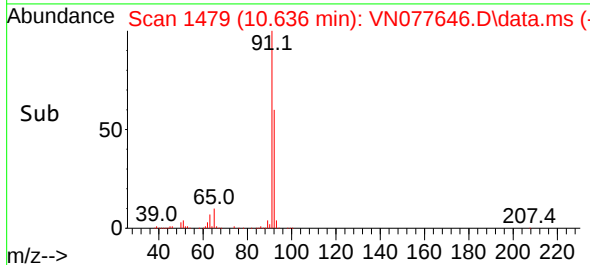
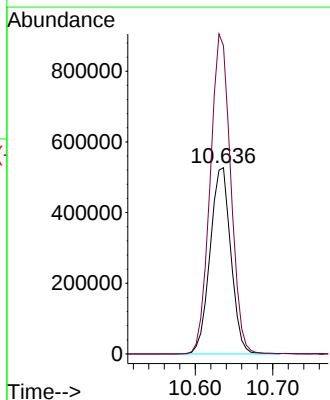
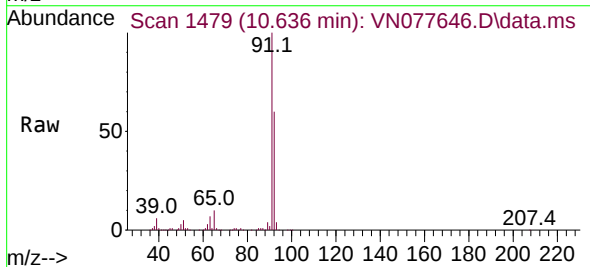
Manual Integrations  
APPROVED

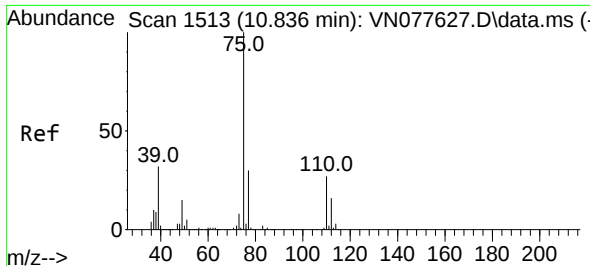
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#52  
Toluene  
Concen: 46.098 ug/l  
RT: 10.636 min Scan# 1479  
Delta R.T. 0.006 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

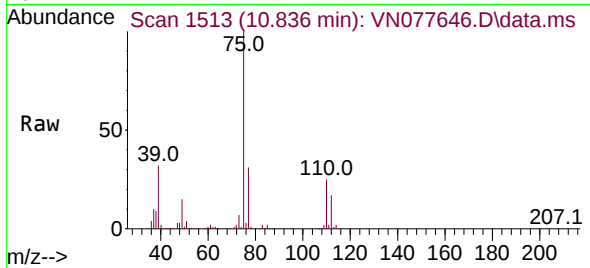
Tgt Ion: 92 Resp: 981483  
Ion Ratio Lower Upper  
92 100  
91 170.2 137.4 206.0





#53  
t-1,3-Dichloropropene  
Concen: 48.628 ug/l  
RT: 10.836 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

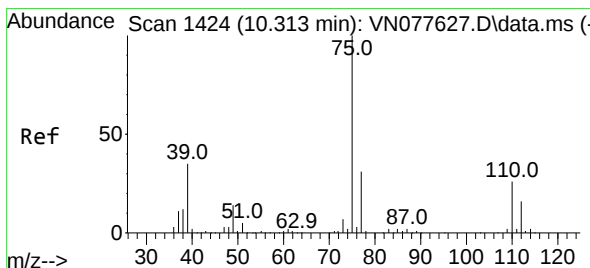
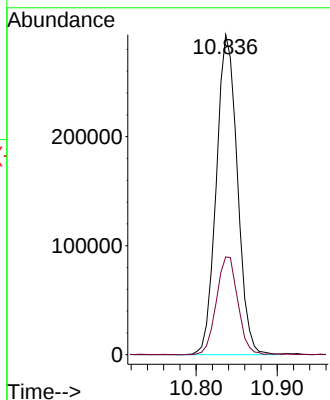
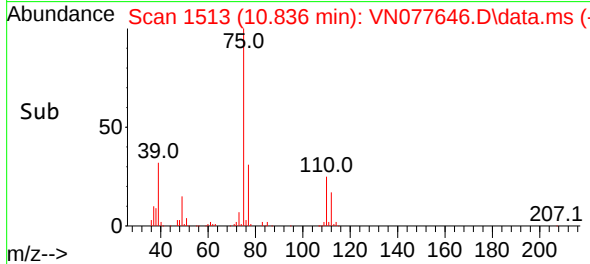
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 75 Resp: 529835  
Ion Ratio Lower Upper  
75 100  
77 30.6 25.4 38.0

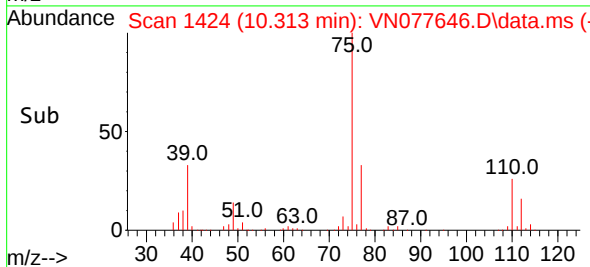
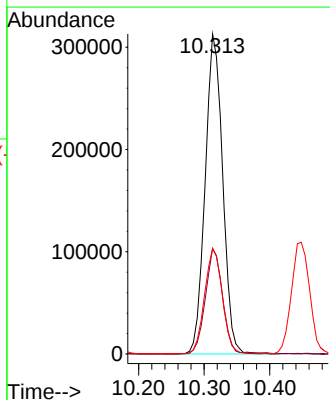
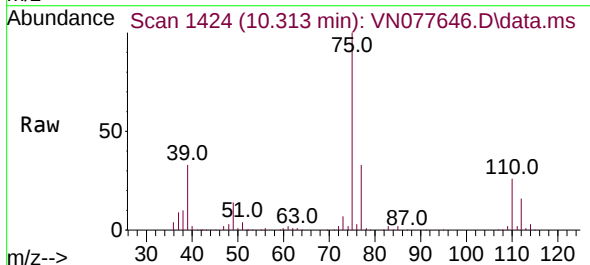
Manual Integrations  
APPROVED

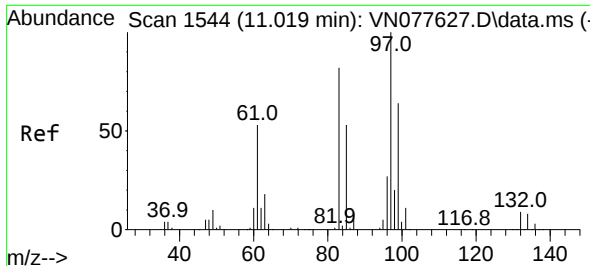
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#54  
cis-1,3-Dichloropropene  
Concen: 46.983 ug/l  
RT: 10.313 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

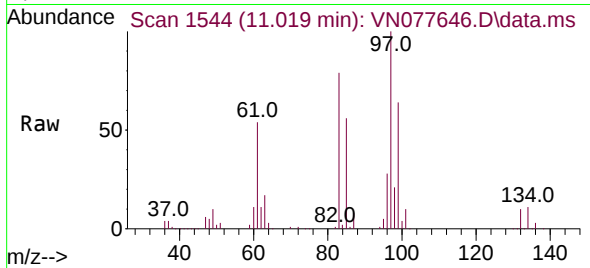
Tgt Ion: 75 Resp: 582404  
Ion Ratio Lower Upper  
75 100  
77 33.0 26.1 39.1  
39 32.9 31.6 47.4





#55  
1,1,2-Trichloroethane  
Concen: 44.930 ug/l  
RT: 11.019 min Scan# 1544  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

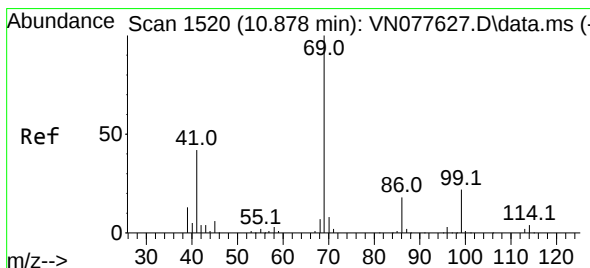
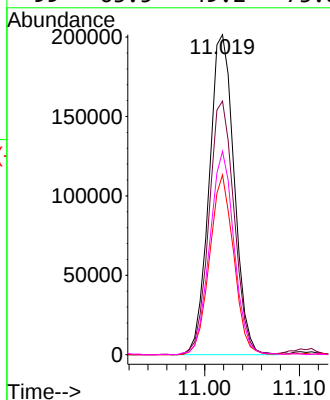
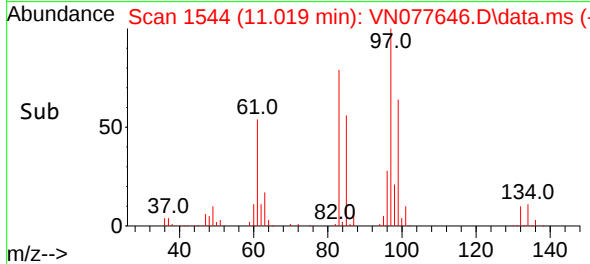
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



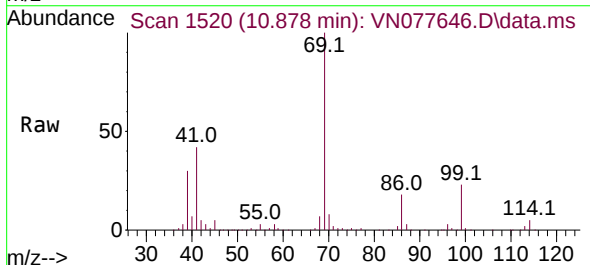
| Tgt Ion:  | 97   | Resp: | 370918 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 97        | 100  |       |        |
| 83        | 79.2 | 65.1  | 97.7   |
| 85        | 56.2 | 43.4  | 65.2   |
| 99        | 63.5 | 49.2  | 73.8   |

Manual Integrations  
APPROVED

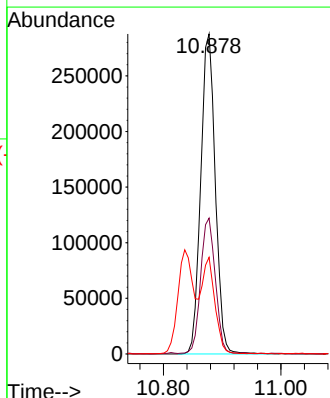
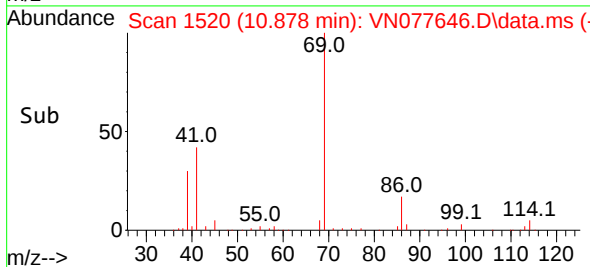
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

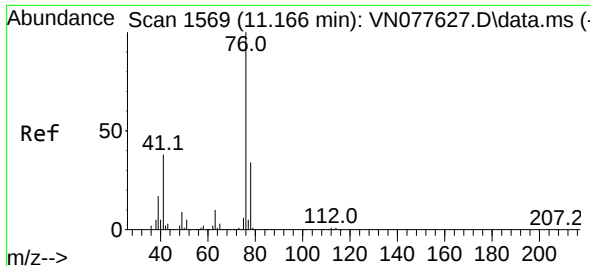


#56  
Ethyl methacrylate  
Concen: 47.505 ug/l  
RT: 10.878 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57



| Tgt Ion:  | 69   | Resp: | 494568 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 69        | 100  |       |        |
| 41        | 42.5 | 39.6  | 59.4   |
| 39        | 25.9 | 28.6  | 43.0   |





#57

1,3-Dichloropropane

Concen: 44.813 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 59468

Ion Ratio Lower Upper

76 100

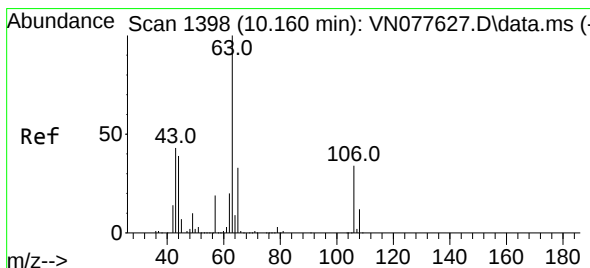
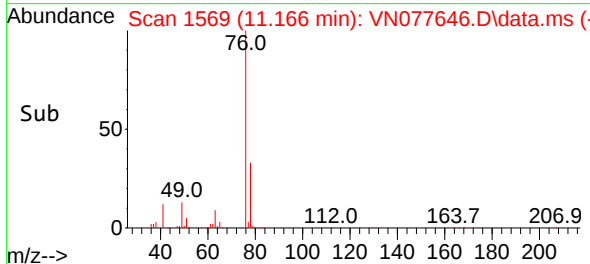
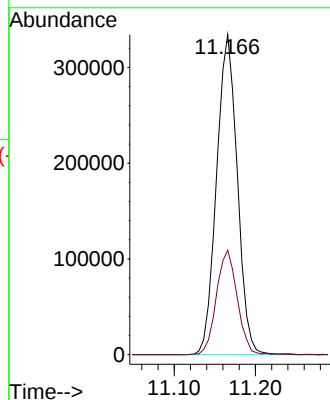
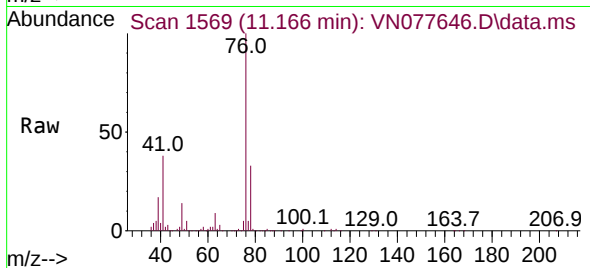
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 238.857 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077646.D

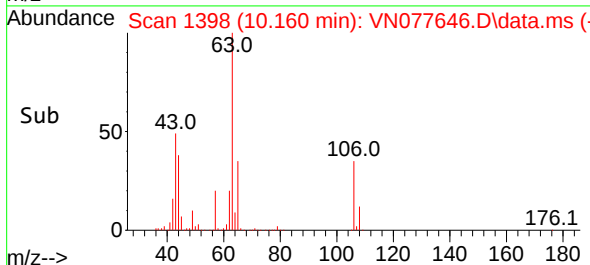
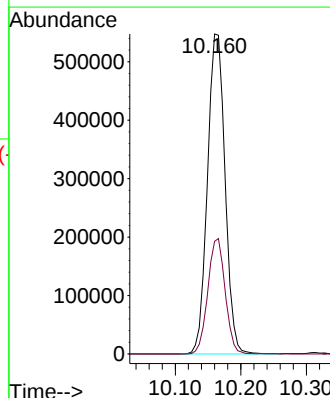
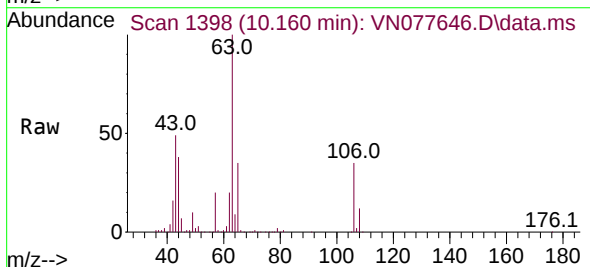
Acq: 09 May 2023 20:57

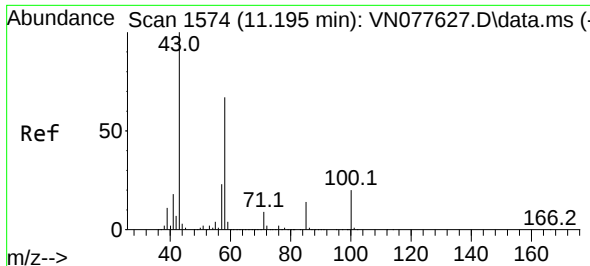
Tgt Ion: 63 Resp: 1025260

Ion Ratio Lower Upper

63 100

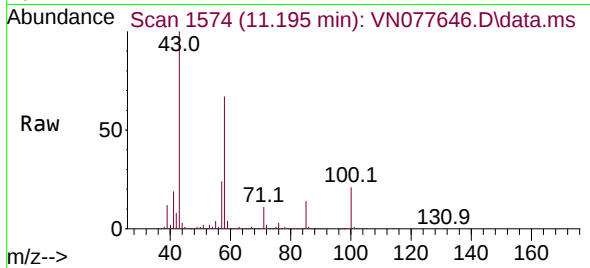
106 35.5 26.2 39.4





#59  
2-Hexanone  
Concen: 212.761 ug/l  
RT: 11.195 min Scan# 1574  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

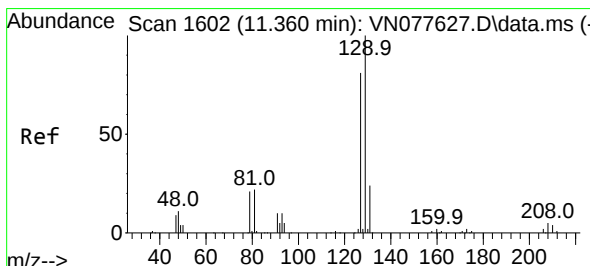
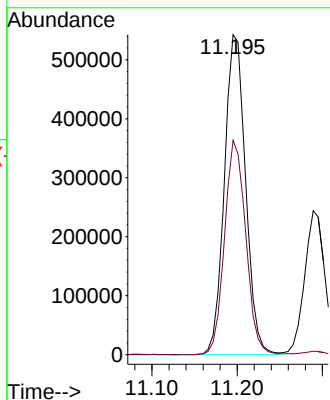
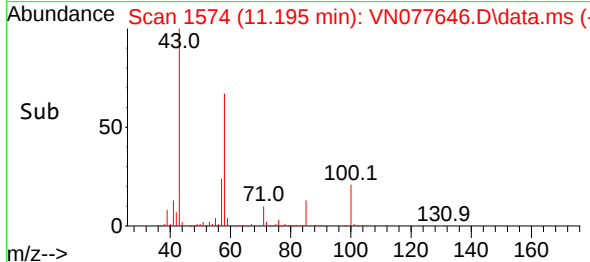
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 938430  
Ion Ratio Lower Upper  
43 100  
58 67.0 31.7 95.1

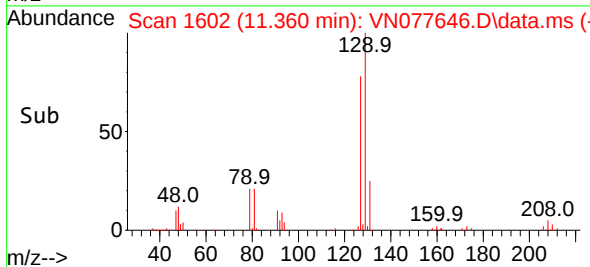
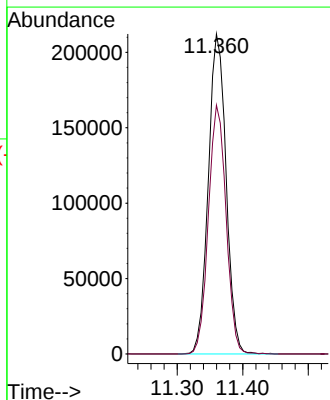
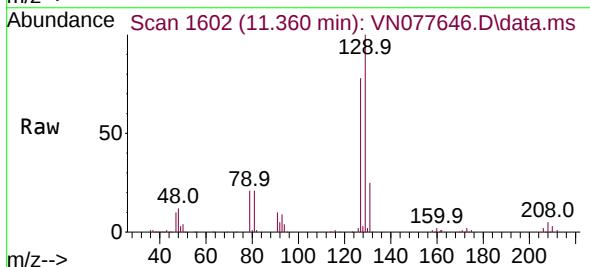
Manual Integrations  
APPROVED

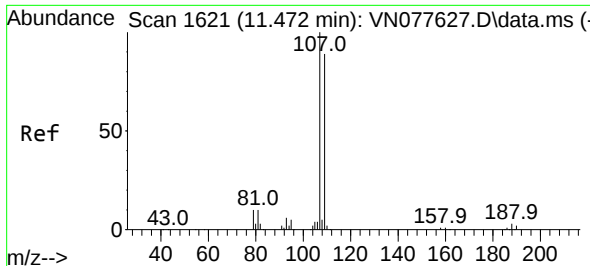
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#60  
Dibromochloromethane  
Concen: 48.802 ug/l  
RT: 11.360 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

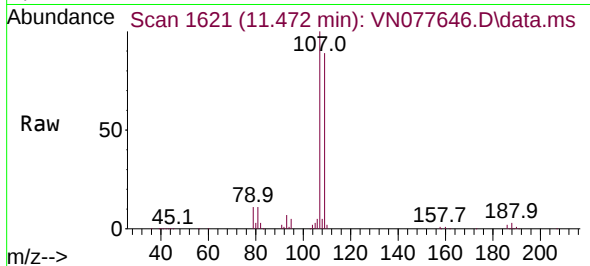
Tgt Ion:129 Resp: 399945  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.6 116.0





#61  
1,2-Dibromoethane  
Concen: 47.941 ug/l  
RT: 11.472 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

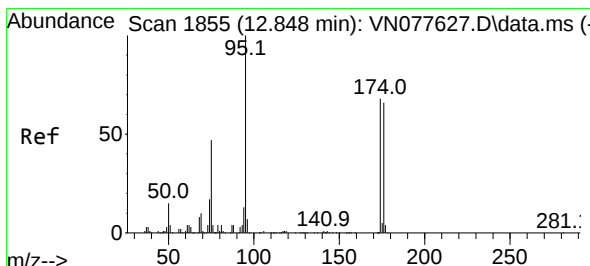
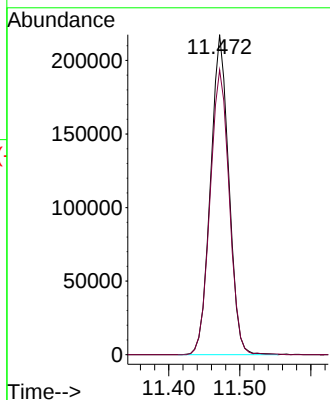
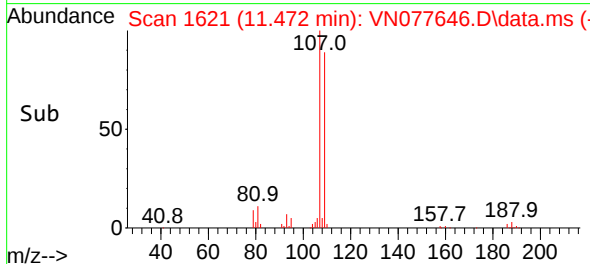
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:107 Resp: 38909  
Ion Ratio Lower Upper  
107 100  
109 93.2 76.6 114.8

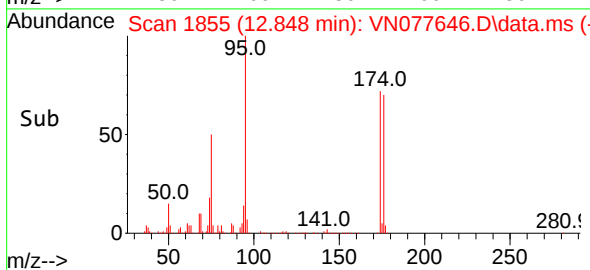
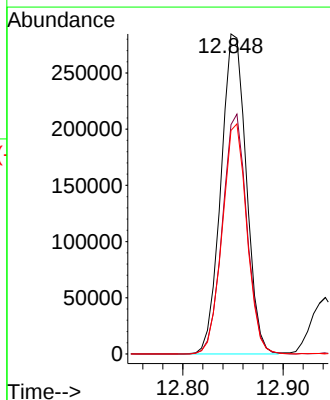
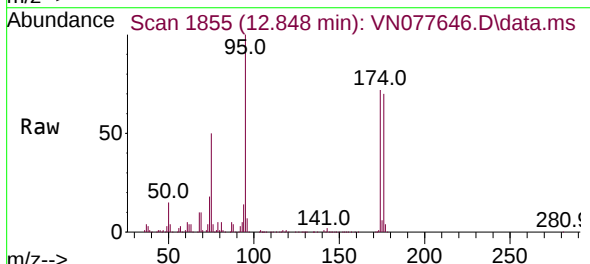
Manual Integrations  
APPROVED

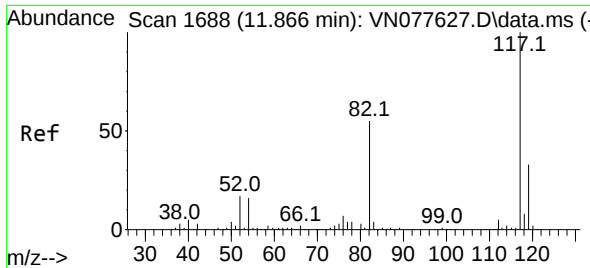
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#62  
4-Bromofluorobenzene  
Concen: 50.796 ug/l  
RT: 12.848 min Scan# 1855  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

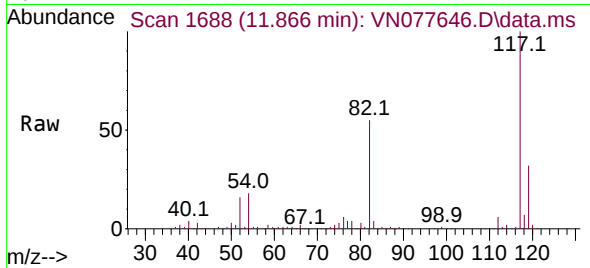
Tgt Ion: 95 Resp: 498736  
Ion Ratio Lower Upper  
95 100  
174 72.8 0.0 143.8  
176 70.2 0.0 135.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

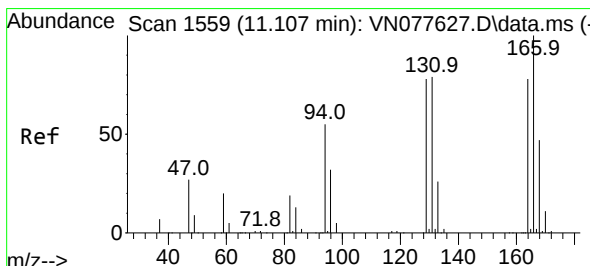
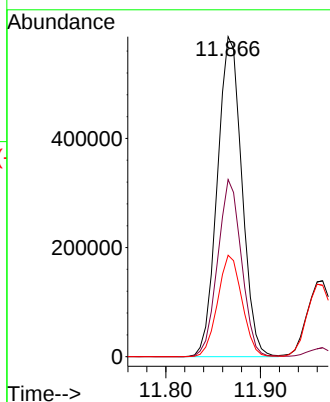
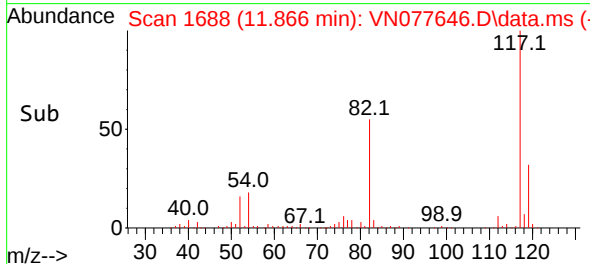
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:117 Resp: 1057062  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.0 66.0  
119 31.7 25.6 38.4

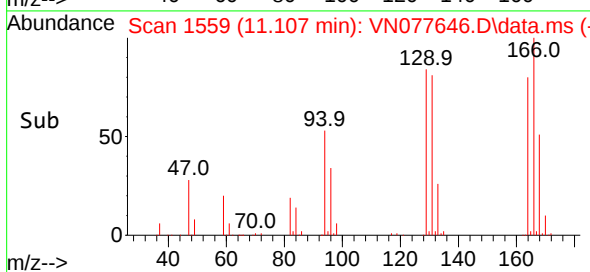
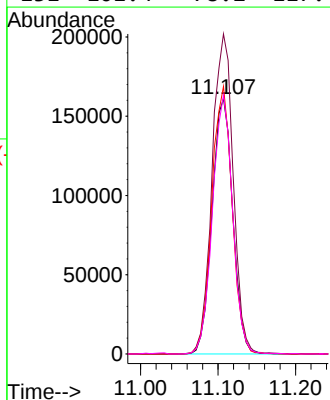
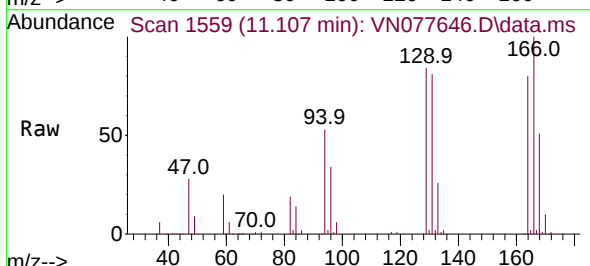
Manual Integrations  
APPROVED

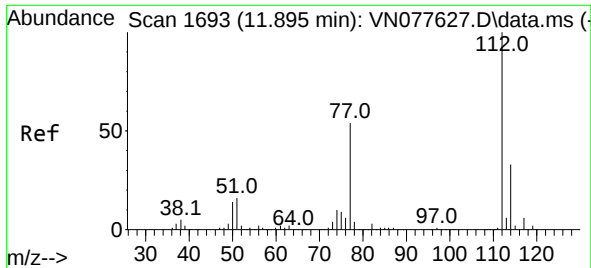
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#64  
Tetrachloroethene  
Concen: 47.691 ug/l  
RT: 11.107 min Scan# 1559  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

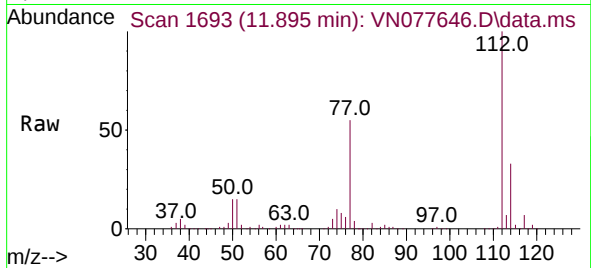
Tgt Ion:164 Resp: 300030  
Ion Ratio Lower Upper  
164 100  
166 125.3 101.4 152.0  
129 104.8 82.4 123.6  
131 101.4 78.2 117.4





#65  
Chlorobenzene  
Concen: 47.167 ug/l  
RT: 11.895 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

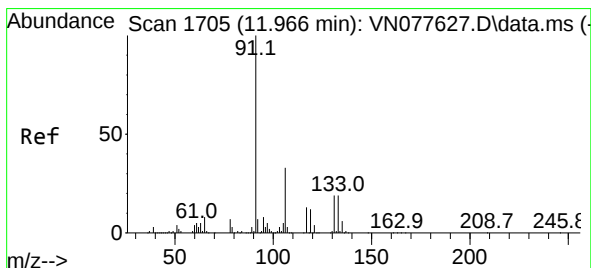
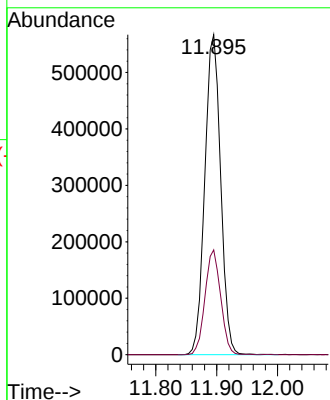
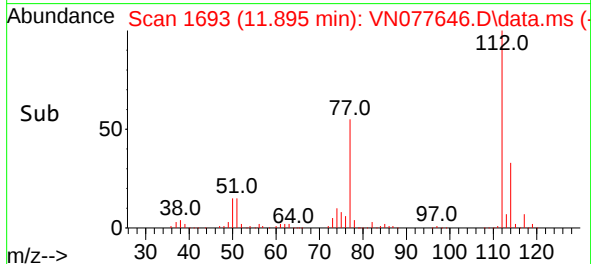
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



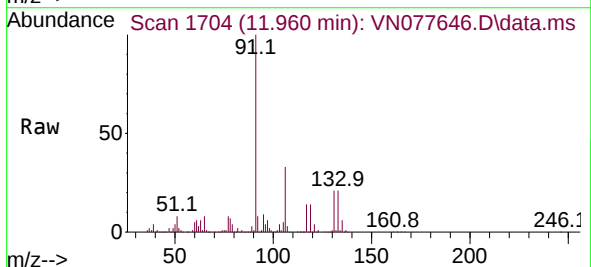
Tgt Ion:112 Resp: 1024839  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.0 37.4

Manual Integrations  
APPROVED

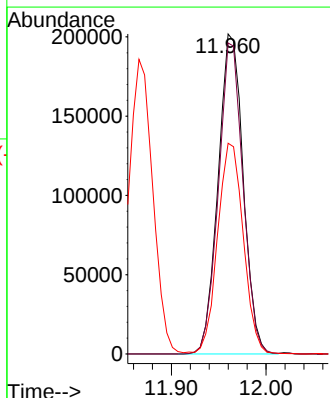
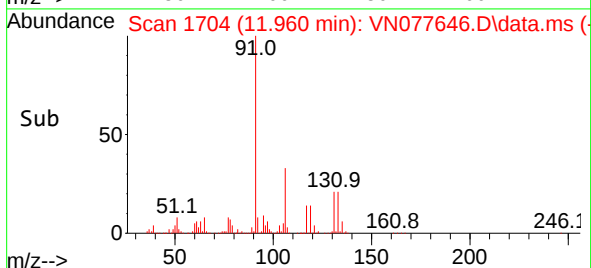
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

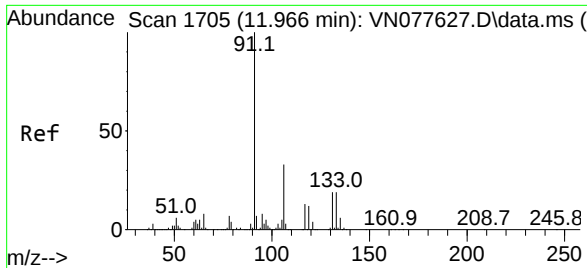


#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.483 ug/l  
RT: 11.960 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57



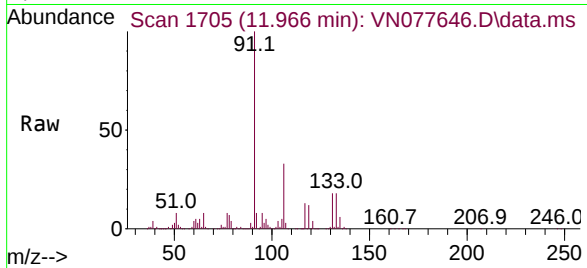
Tgt Ion:131 Resp: 371699  
Ion Ratio Lower Upper  
131 100  
133 95.3 46.4 139.1  
119 67.6 34.1 102.2





#67  
Ethyl Benzene  
Concen: 48.653 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

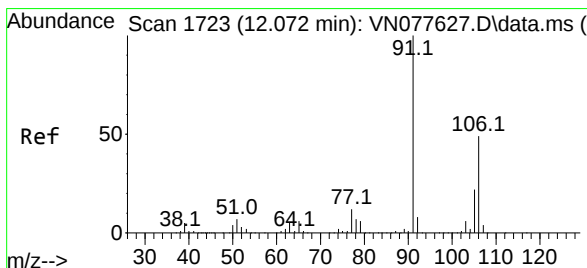
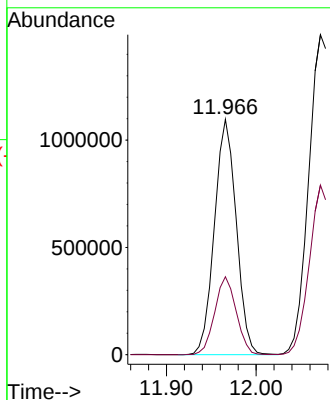
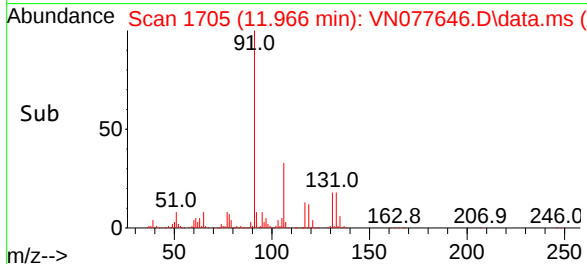
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



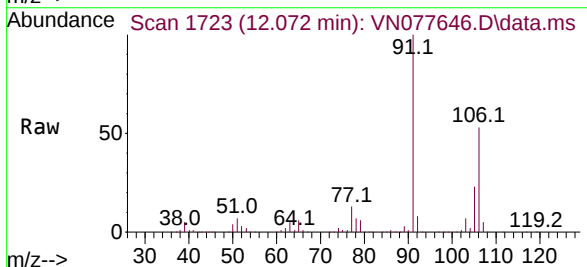
Tgt Ion: 91 Resp: 1855929  
Ion Ratio Lower Upper  
91 100  
106 33.1 25.6 38.4

Manual Integrations  
APPROVED

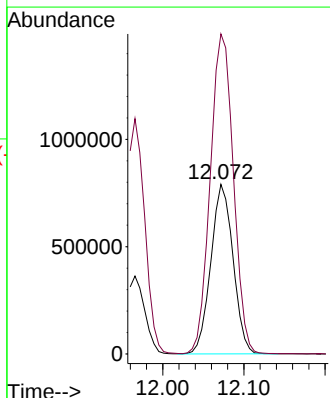
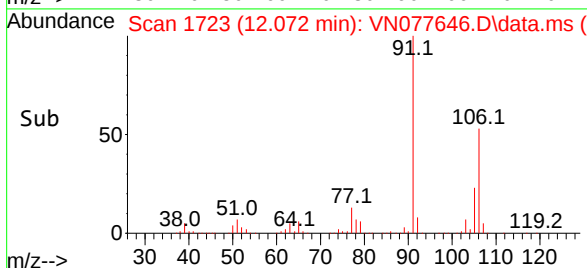
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

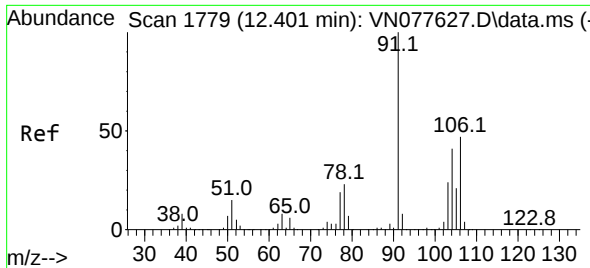


#68  
m/p-Xylenes  
Concen: 99.415 ug/l  
RT: 12.072 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57



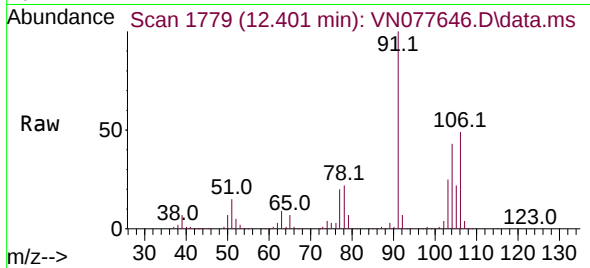
Tgt Ion:106 Resp: 1501523  
Ion Ratio Lower Upper  
106 100  
91 197.0 159.6 239.4





#69  
o-Xylene  
Concen: 49.142 ug/l  
RT: 12.401 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

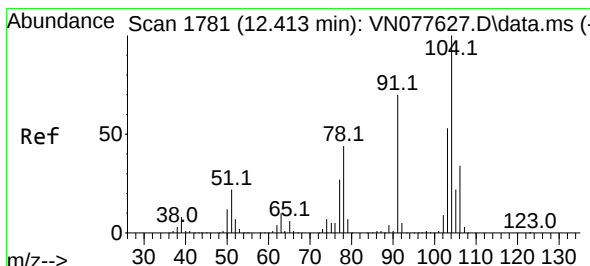
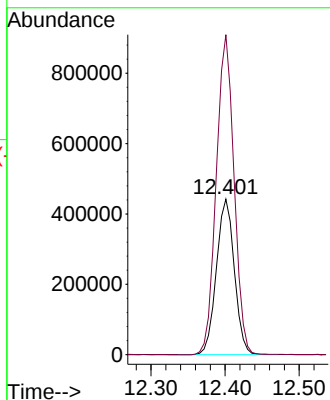
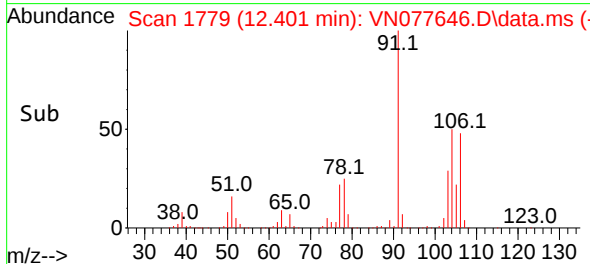
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:106 Resp: 743950  
Ion Ratio Lower Upper  
106 100  
91 203.9 105.2 315.5

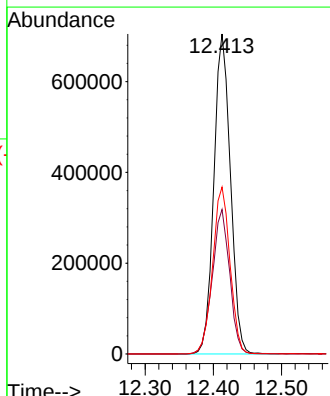
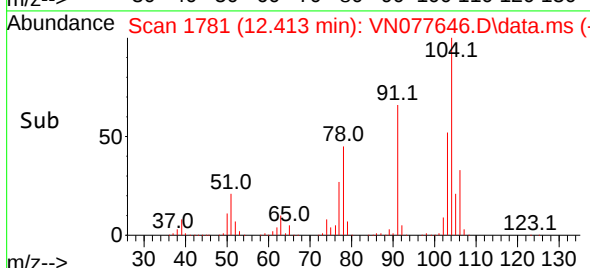
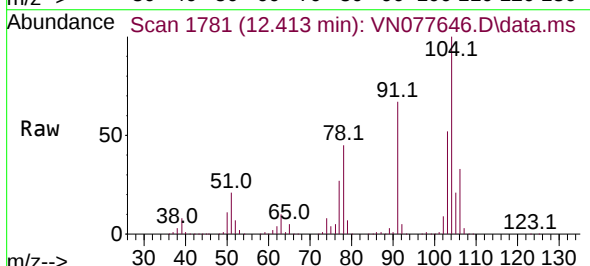
Manual Integrations  
APPROVED

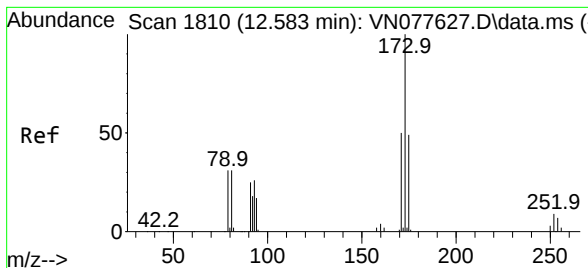
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#70  
Styrene  
Concen: 51.489 ug/l  
RT: 12.413 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

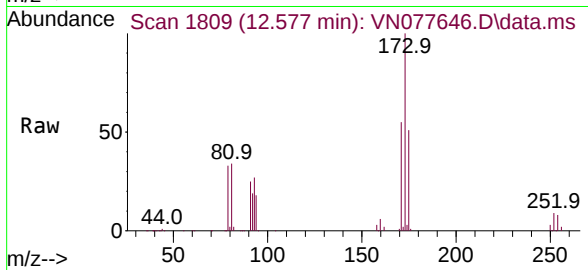
Tgt Ion:104 Resp: 1193779  
Ion Ratio Lower Upper  
104 100  
78 47.3 39.5 59.3  
103 54.6 43.2 64.8





#71  
Bromoform  
Concen: 51.926 ug/l  
RT: 12.577 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

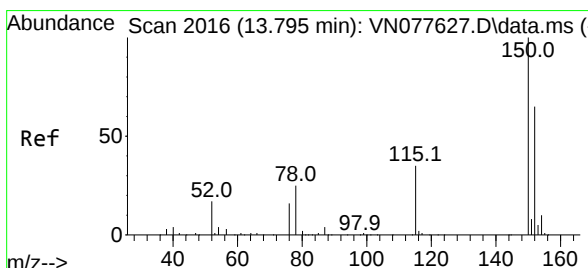
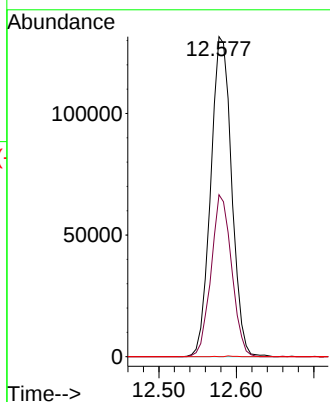
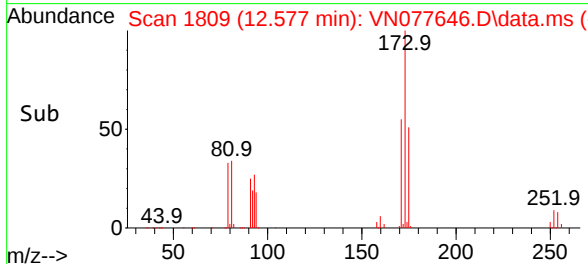
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



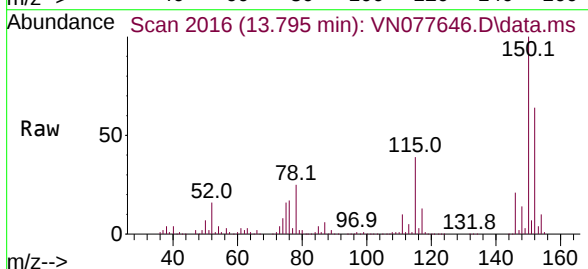
Tgt Ion:173 Resp: 246670  
Ion Ratio Lower Upper  
173 100  
175 49.7 24.3 73.0  
254 0.0 0.0 0.0

Manual Integrations  
APPROVED

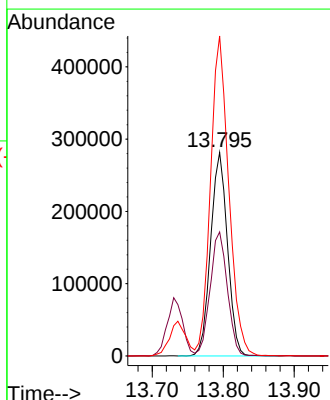
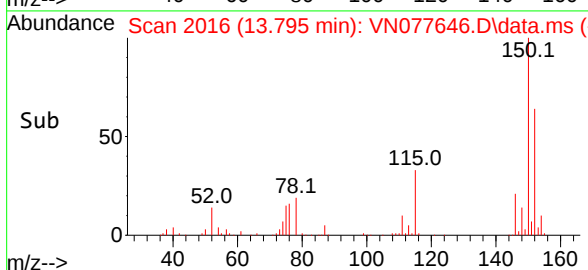
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

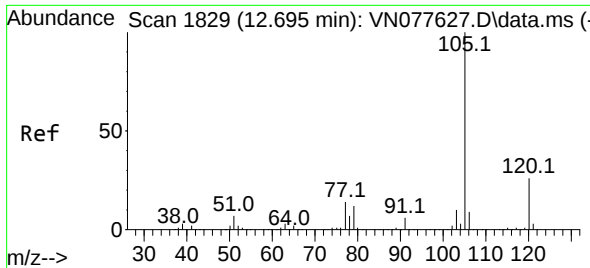


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57



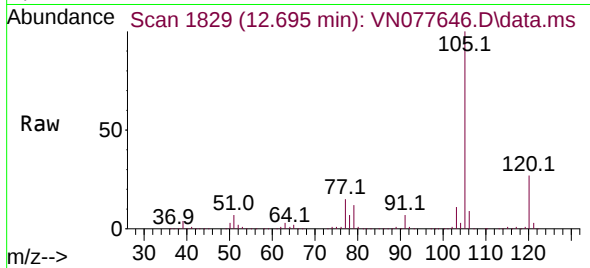
Tgt Ion:152 Resp: 464025  
Ion Ratio Lower Upper  
152 100  
115 62.1 32.3 96.8  
150 170.0 0.0 355.8





#73  
Isopropylbenzene  
Concen: 46.060 ug/l  
RT: 12.695 min Scan# 1829  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

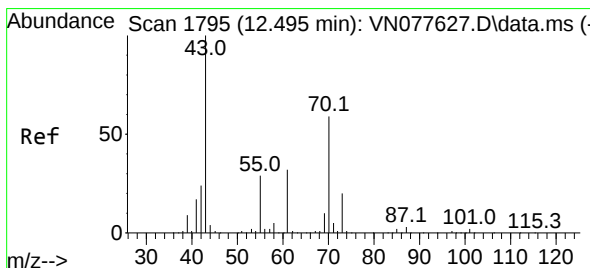
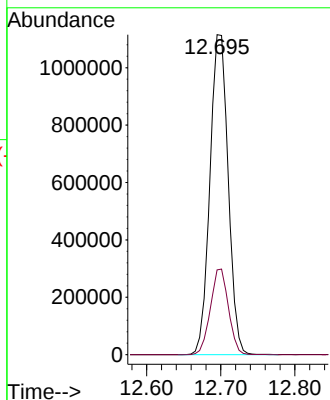
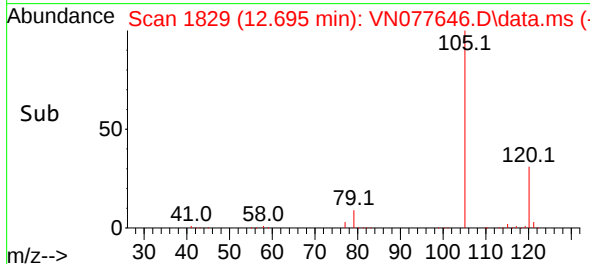
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



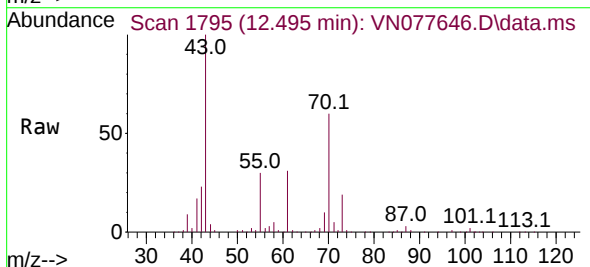
Tgt Ion:105 Resp: 190664  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.1 39.1

Manual Integrations  
APPROVED

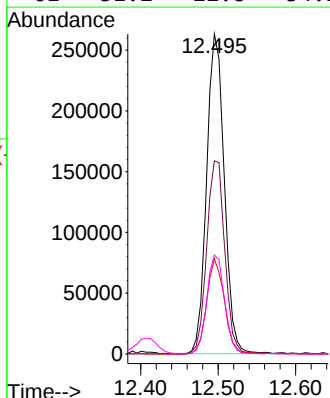
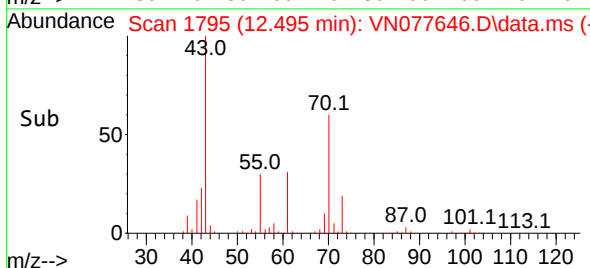
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

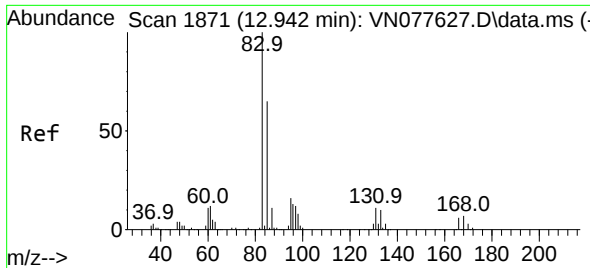


#74  
N-ethyl acetate  
Concen: 45.564 ug/l  
RT: 12.495 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57



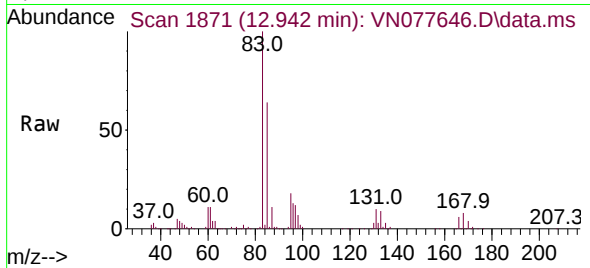
Tgt Ion: 43 Resp: 416243  
Ion Ratio Lower Upper  
43 100  
70 62.0 43.4 65.2  
55 29.9 21.4 32.0  
61 31.2 22.8 34.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 43.047 ug/l  
RT: 12.942 min Scan# 1871  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

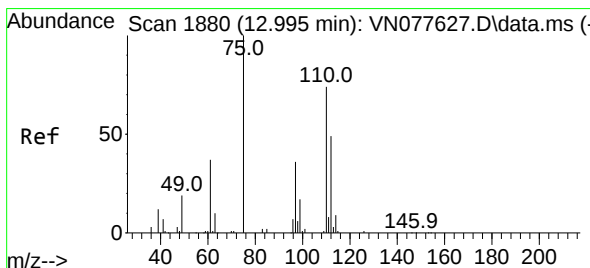
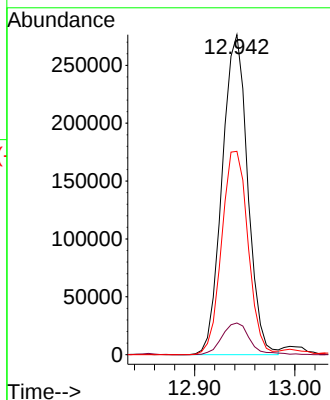
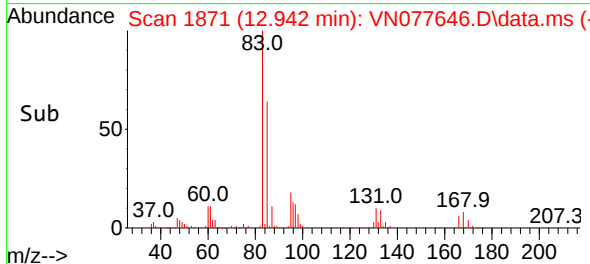
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 83 Resp: 48985  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.0 15.0  
85 65.7 31.9 95.7

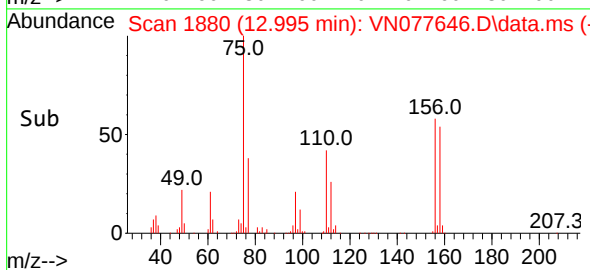
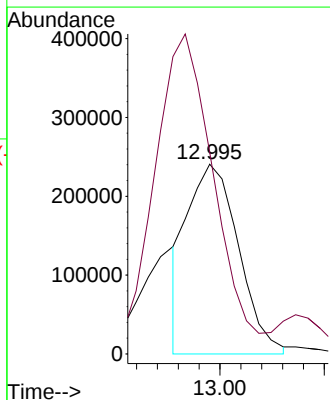
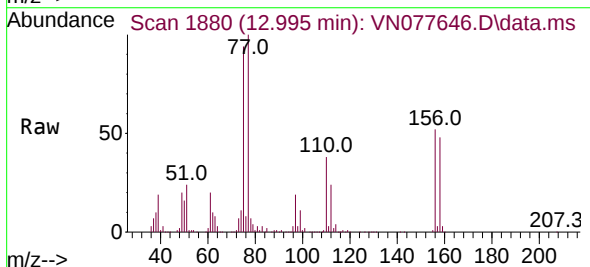
Manual Integrations  
APPROVED

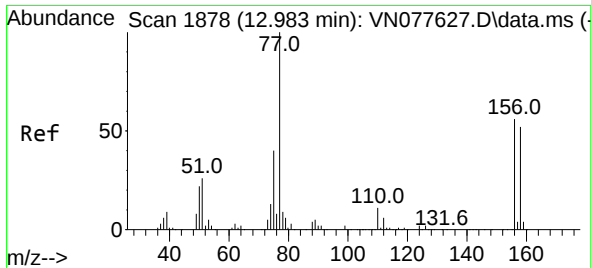
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#76  
1,2,3-Trichloropropane  
Concen: 42.872 ug/l m  
RT: 12.995 min Scan# 1880  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

Tgt Ion: 75 Resp: 410533  
Ion Ratio Lower Upper  
75 100  
77 195.7 84.5 253.5





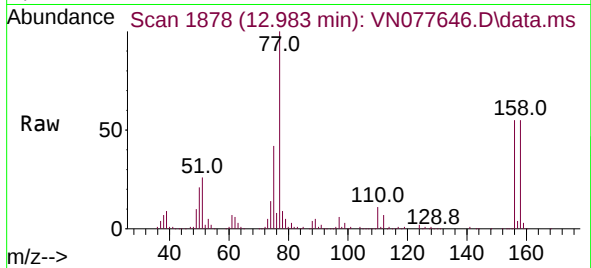
#77  
Bromobenzene  
Concen: 44.012 ug/l  
RT: 12.983 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC



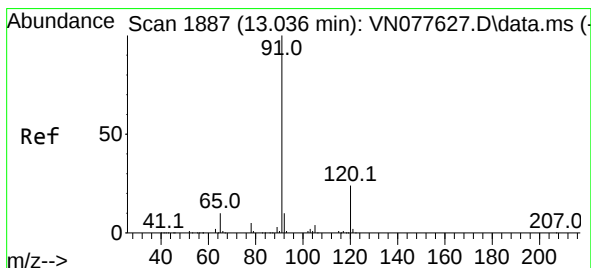
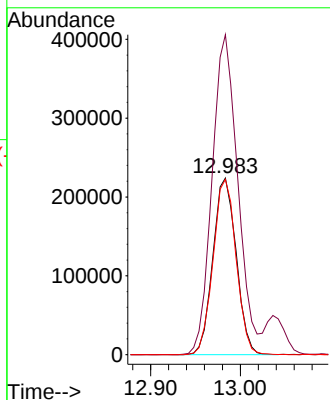
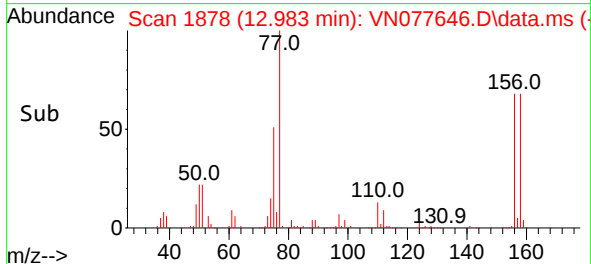
Tgt Ion:156 Resp: 403485  
Ion Ratio Lower Upper  
156 100  
77 199.1 107.7 323.3  
158 98.1 48.4 145.3

Manual Integrations

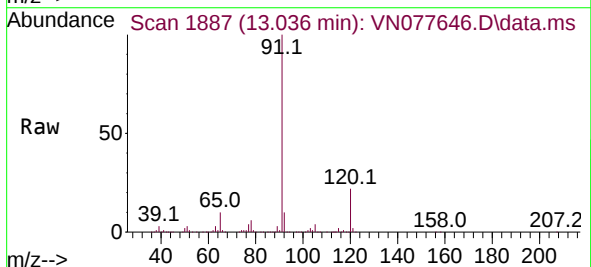
APPROVED

Reviewed By :John Carlone 05/10/2023

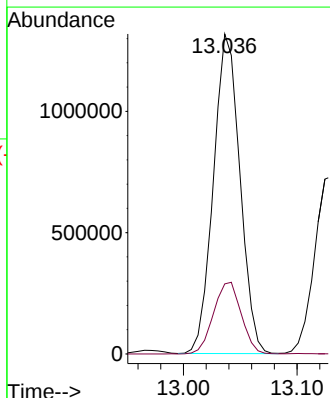
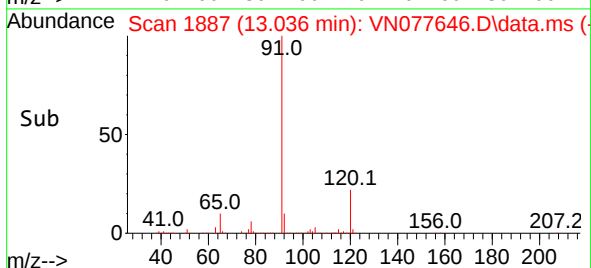
Supervised By :Mahesh Dadoda 05/10/2023

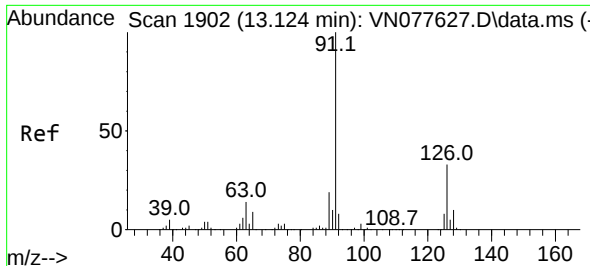


#78  
n-propylbenzene  
Concen: 48.109 ug/l  
RT: 13.036 min Scan# 1887  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57



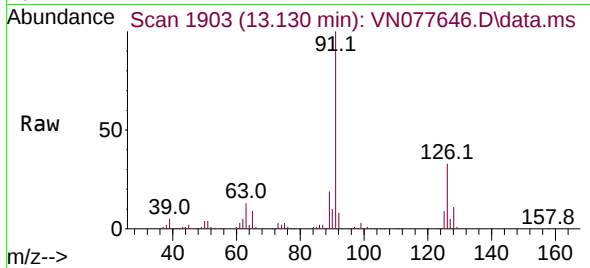
Tgt Ion: 91 Resp: 2137686  
Ion Ratio Lower Upper  
91 100  
120 23.5 11.5 34.4





#79  
2-Chlorotoluene  
Concen: 45.198 ug/l  
RT: 13.130 min Scan# 1902  
Delta R.T. 0.006 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

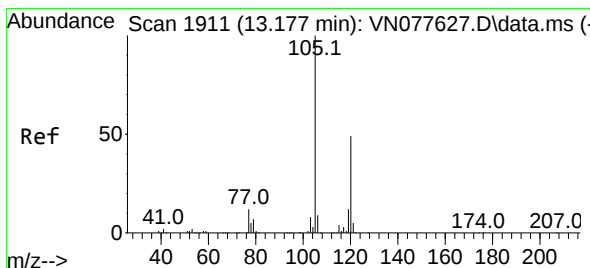
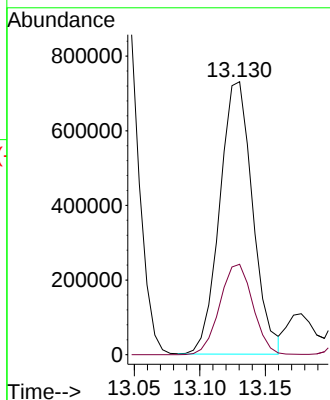
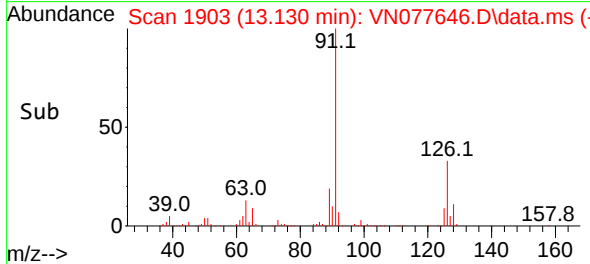
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 91 Resp: 1279150  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.3 48.8

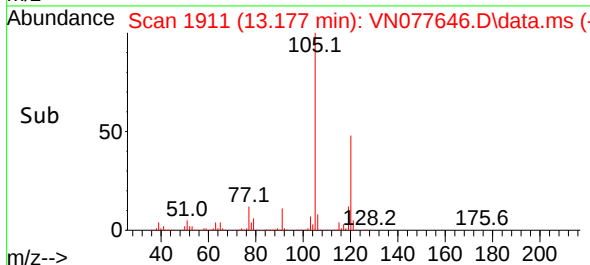
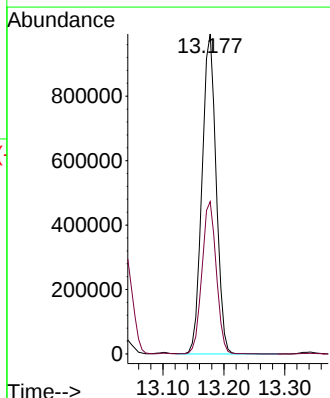
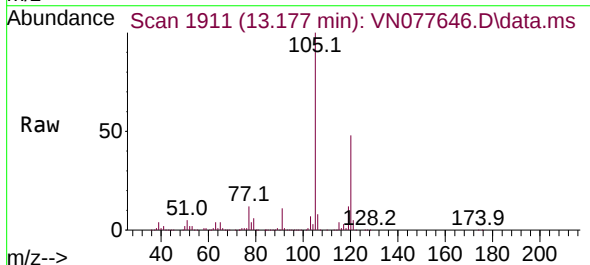
Manual Integrations  
APPROVED

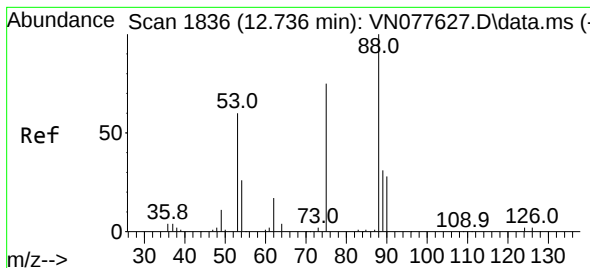
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 50.474 ug/l  
RT: 13.177 min Scan# 1911  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

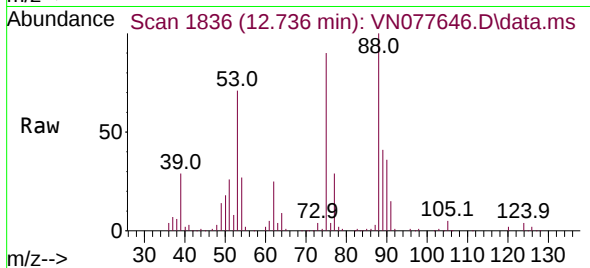
Tgt Ion:105 Resp: 1598423  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.1 72.3





#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.096 ug/l  
RT: 12.736 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

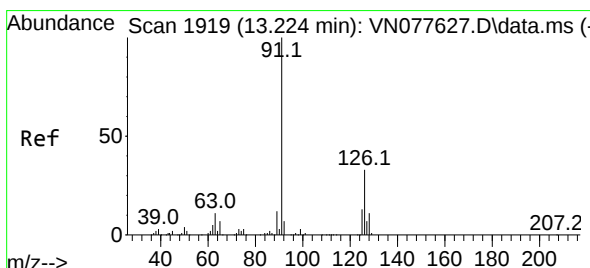
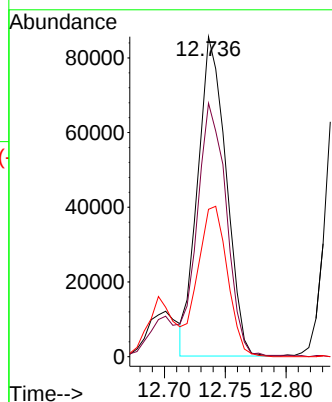
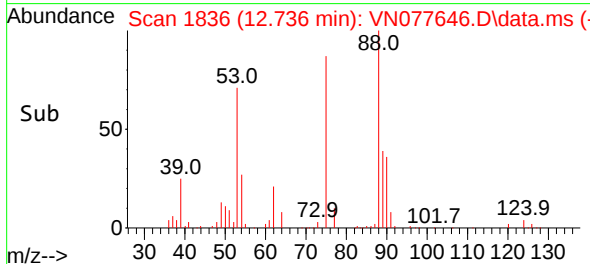
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



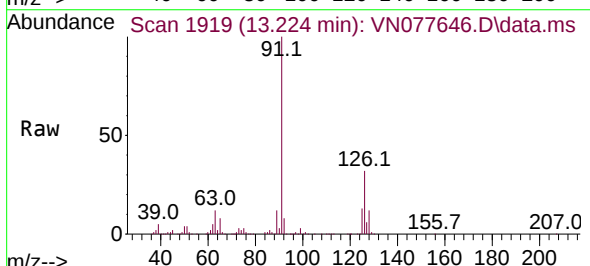
Tgt Ion: 75 Resp: 138628  
Ion Ratio Lower Upper  
75 100  
53 83.8 67.4 101.2  
89 49.7 38.8 58.2

Manual Integrations  
APPROVED

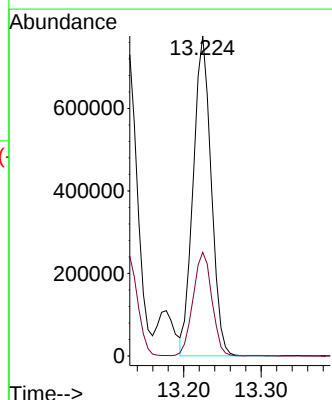
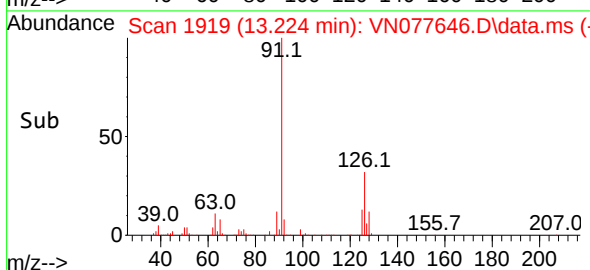
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

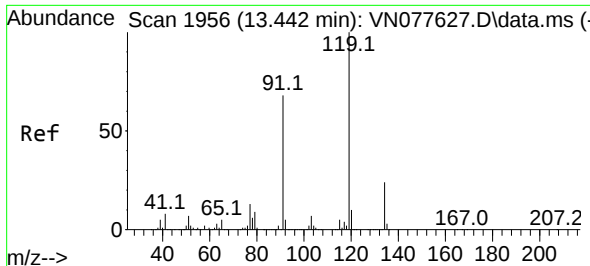


#82  
4-Chlorotoluene  
Concen: 46.930 ug/l  
RT: 13.224 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57



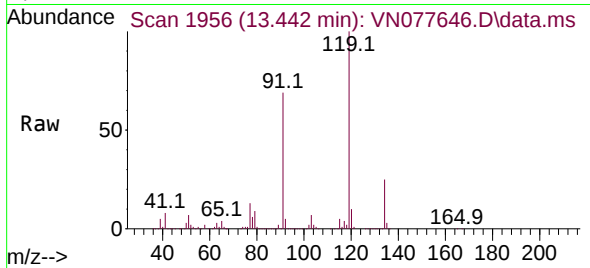
Tgt Ion: 91 Resp: 1245576  
Ion Ratio Lower Upper  
91 100  
126 34.1 16.7 50.0





#83  
tert-Butylbenzene  
Concen: 45.785 ug/l  
RT: 13.442 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

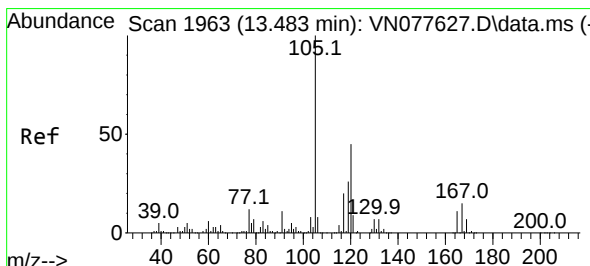
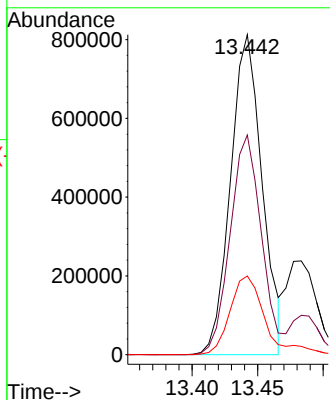
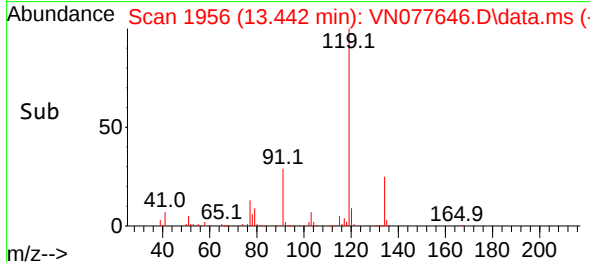
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



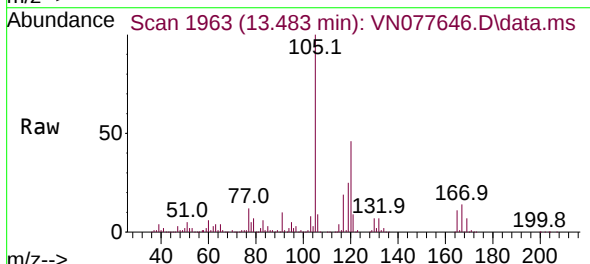
Tgt Ion:119 Resp: 1362474  
Ion Ratio Lower Upper  
119 100  
91 68.7 33.9 101.7  
134 27.3 13.2 39.6

Manual Integrations  
APPROVED

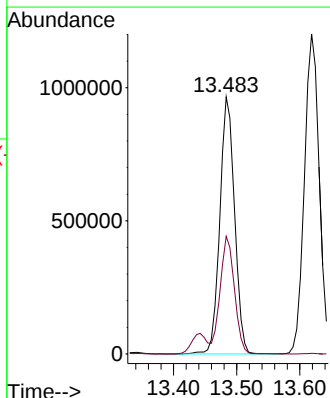
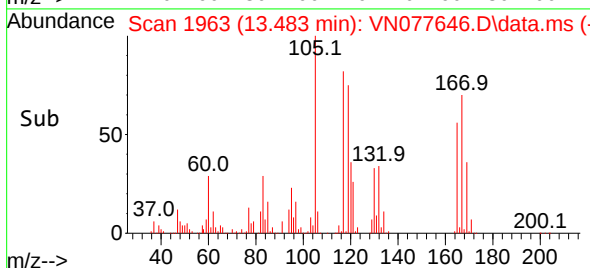
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

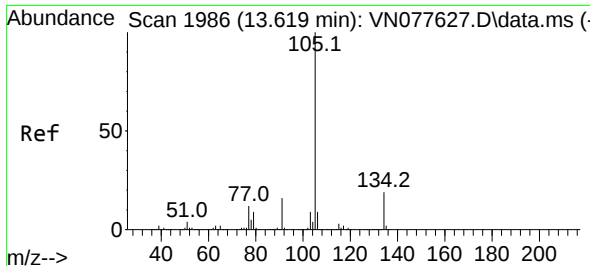


#84  
1,2,4-Trimethylbenzene  
Concen: 52.617 ug/l  
RT: 13.483 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57



Tgt Ion:105 Resp: 1565934  
Ion Ratio Lower Upper  
105 100  
120 44.1 22.0 66.0





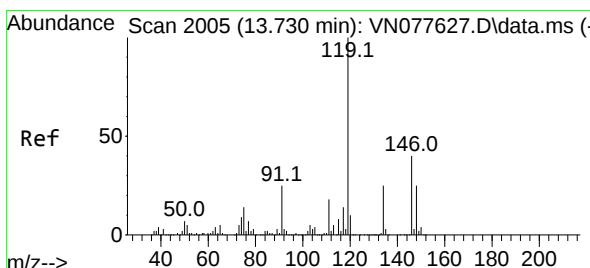
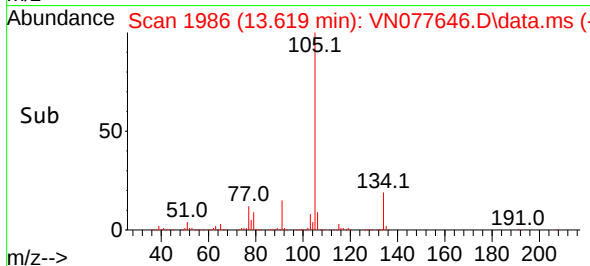
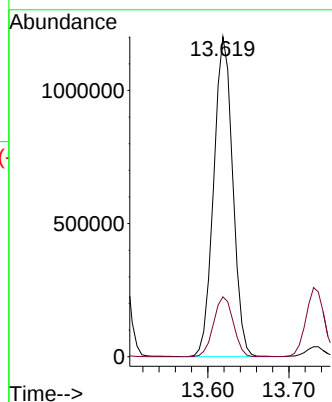
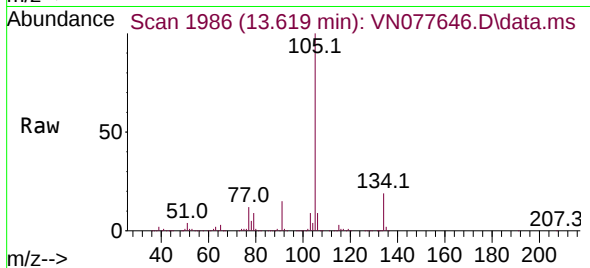
#85  
 sec-Butylbenzene  
 Concen: 48.876 ug/l  
 RT: 13.619 min Scan# 1986  
 Delta R.T. -0.000 min  
 Lab File: VN077646.D  
 Acq: 09 May 2023 20:57

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:105 Resp: 1957894  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.8 29.3

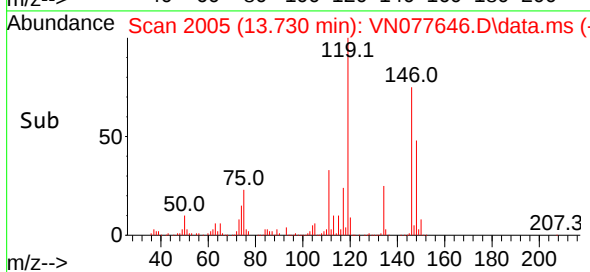
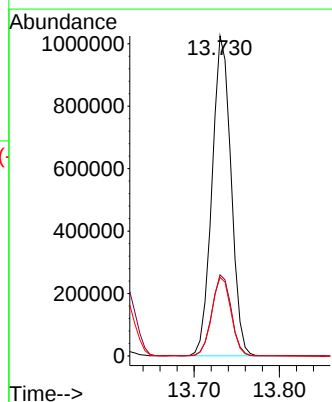
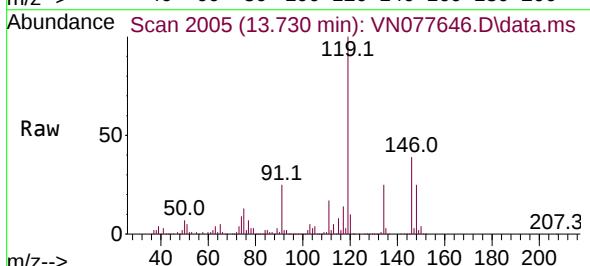
Manual Integrations  
 APPROVED

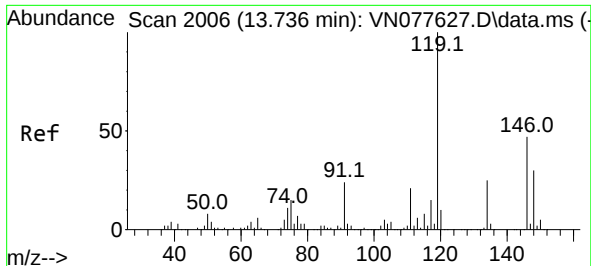
Reviewed By :John Carlone 05/10/2023  
 Supervised By :Mahesh Dadoda 05/10/2023



#86  
 p-Isopropyltoluene  
 Concen: 50.678 ug/l  
 RT: 13.730 min Scan# 2005  
 Delta R.T. 0.000 min  
 Lab File: VN077646.D  
 Acq: 09 May 2023 20:57

Tgt Ion:119 Resp: 1587480  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 12.6 37.8  
 91 24.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 47.419 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 75560

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.3

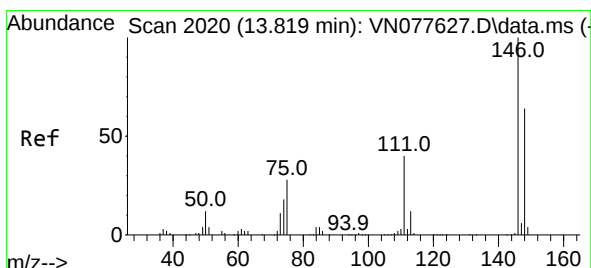
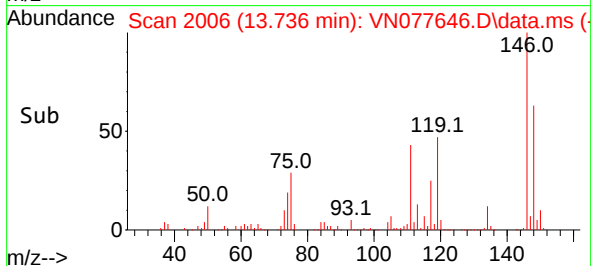
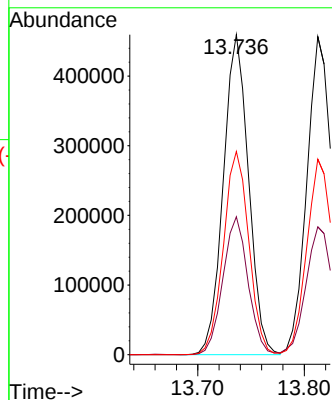
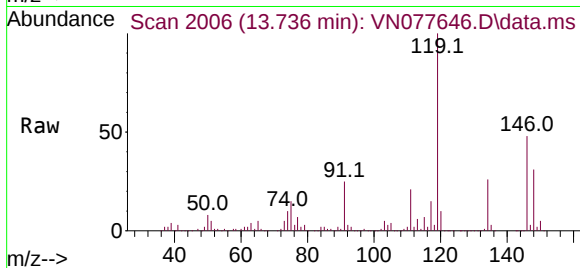
148 63.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#88

1,4-Dichlorobenzene

Concen: 47.577 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

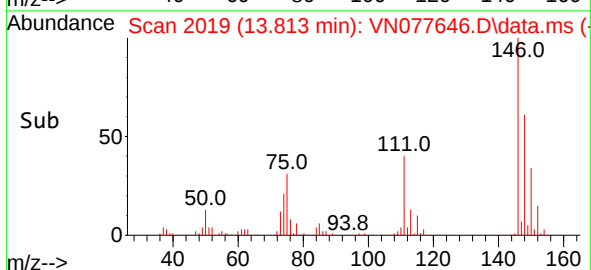
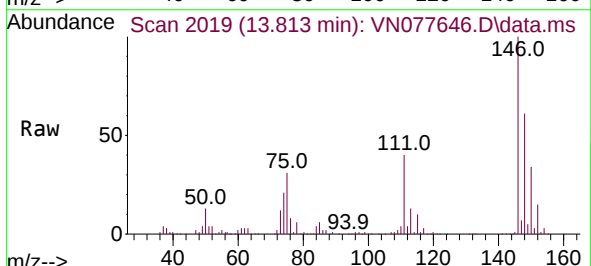
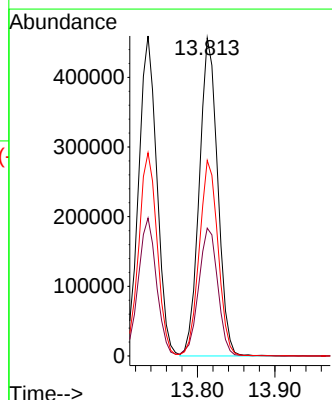
Tgt Ion:146 Resp: 753648

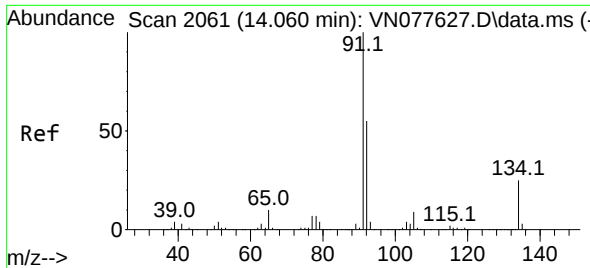
Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.8

148 62.7 31.6 94.8





#89  
n-Butylbenzene  
Concen: 50.671 ug/l  
RT: 14.060 min Scan# 2061  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

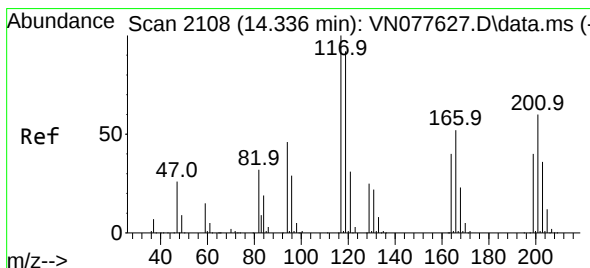
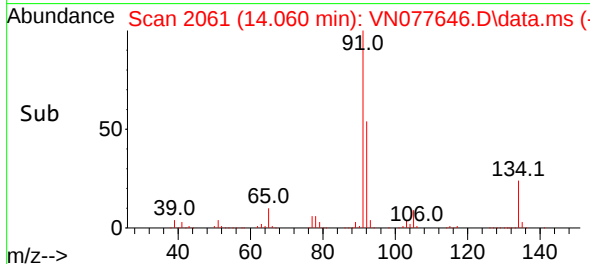
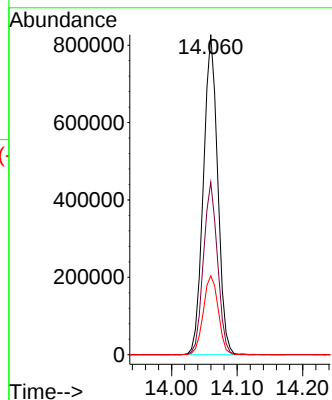
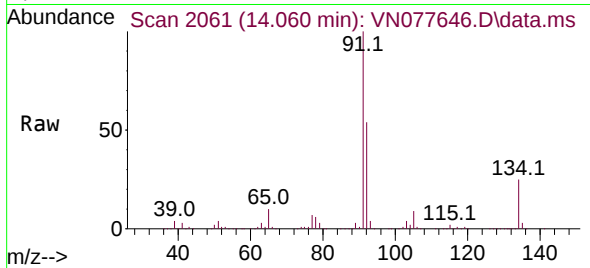
Tgt Ion: 91 Resp: 125780  
Ion Ratio Lower Upper  
91 100  
92 53.2 26.4 79.0  
134 25.8 12.6 37.6

Manual Integrations

APPROVED

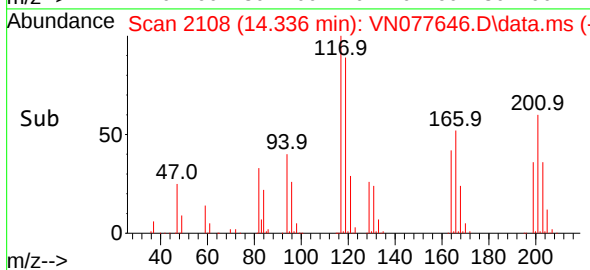
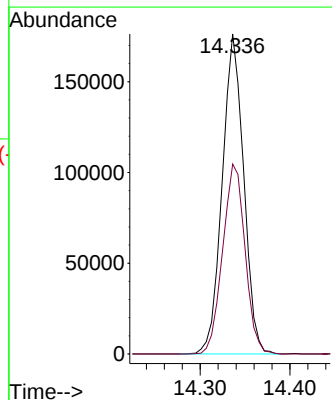
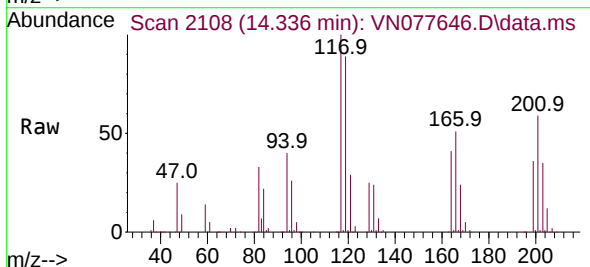
Reviewed By :John Carlone 05/10/2023

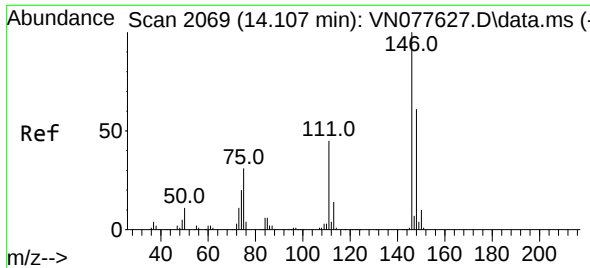
Supervised By :Mahesh Dadoda 05/10/2023



#90  
Hexachloroethane  
Concen: 48.683 ug/l  
RT: 14.336 min Scan# 2108  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

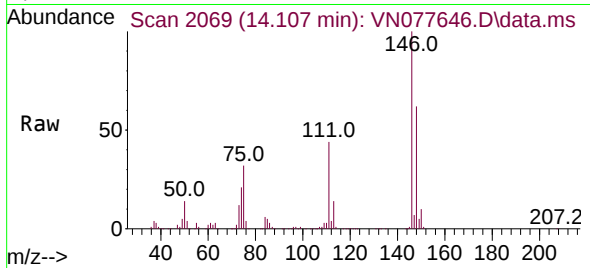
Tgt Ion:117 Resp: 292458  
Ion Ratio Lower Upper  
117 100  
201 62.0 29.3 88.0





#91  
1,2-Dichlorobenzene  
Concen: 46.000 ug/l  
RT: 14.107 min Scan# 2069  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

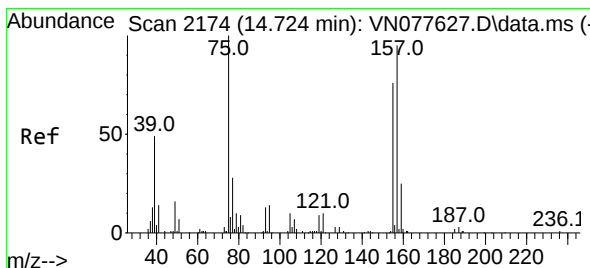
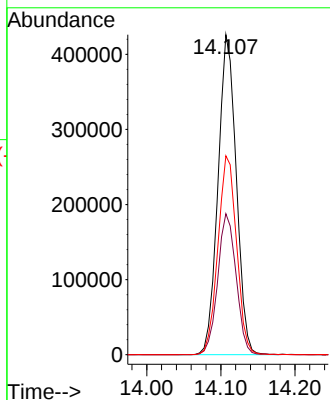
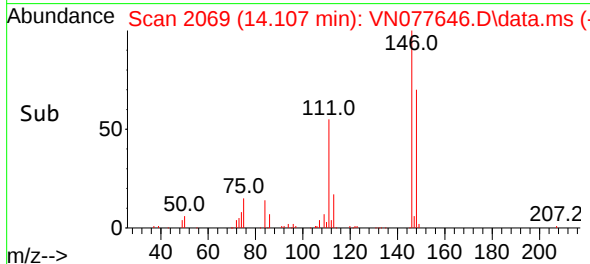
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:146 Resp: 728752  
Ion Ratio Lower Upper  
146 100  
111 44.4 22.0 66.0  
148 63.4 31.8 95.3

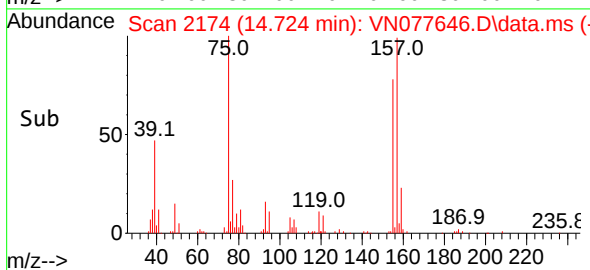
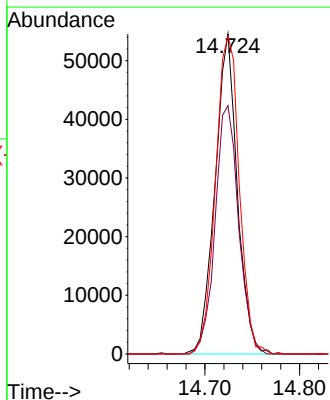
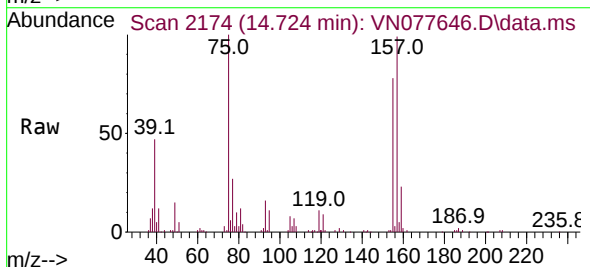
Manual Integrations  
APPROVED

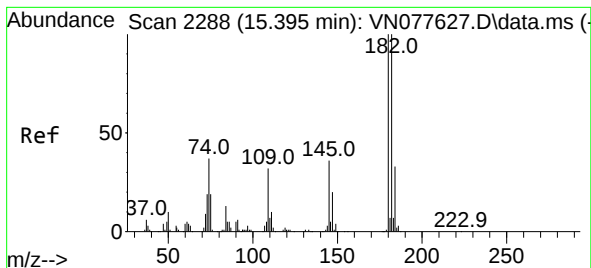
Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 44.187 ug/l  
RT: 14.724 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

Tgt Ion: 75 Resp: 88986  
Ion Ratio Lower Upper  
75 100  
155 82.1 39.1 117.2  
157 106.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 41.810 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 277362

Ion Ratio Lower Upper

180 100

182 95.2 46.1 138.2

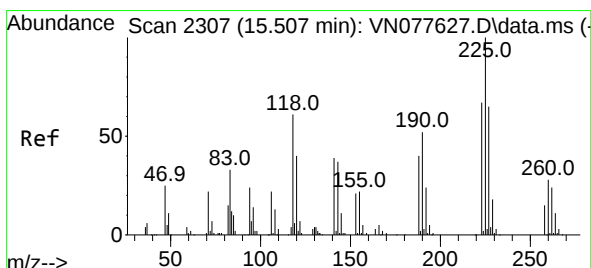
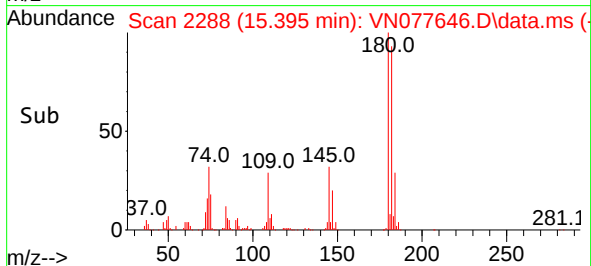
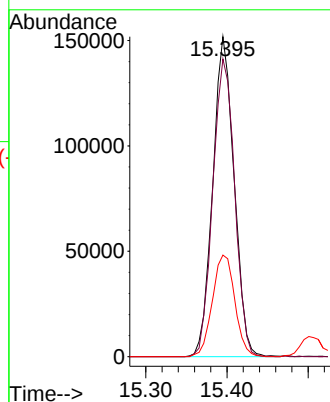
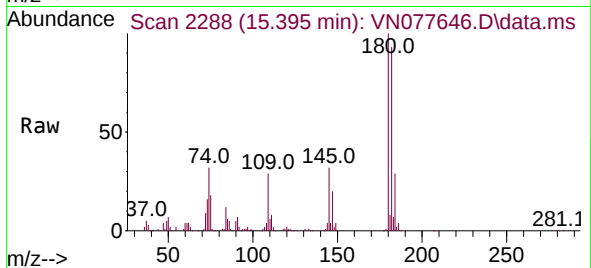
145 33.3 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#94

Hexachlorobutadiene

Concen: 45.762 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

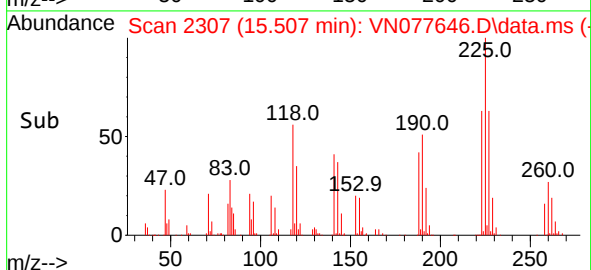
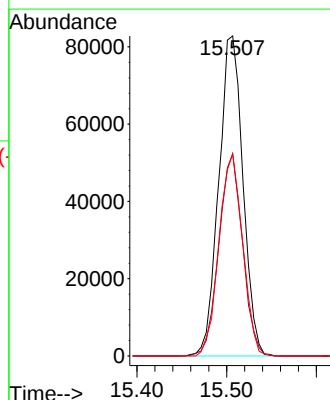
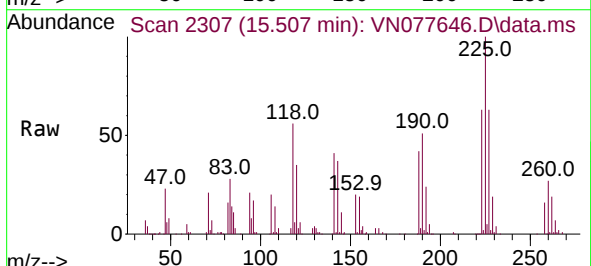
Tgt Ion:225 Resp: 154894

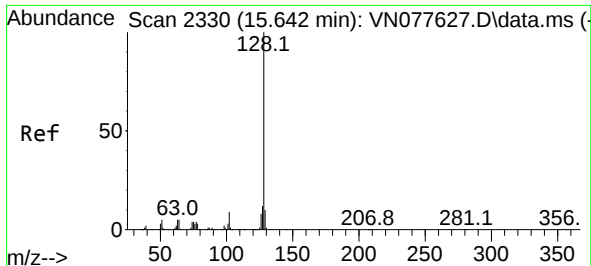
Ion Ratio Lower Upper

225 100

223 61.7 31.3 93.8

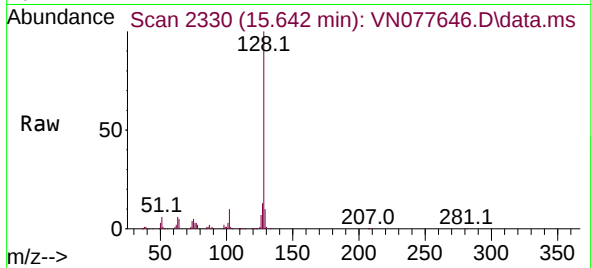
227 61.8 31.9 95.9





#95  
Naphthalene  
Concen: 42.470 ug/l  
RT: 15.642 min Scan# 2330  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

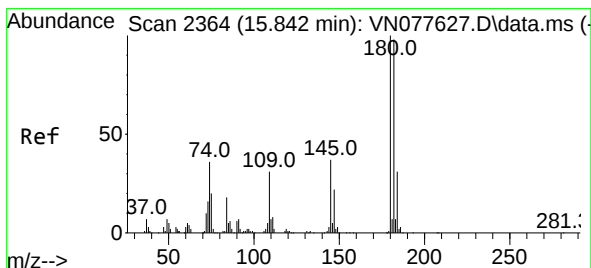
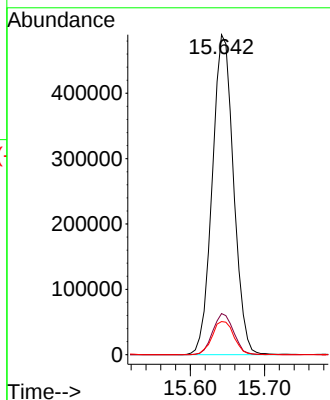
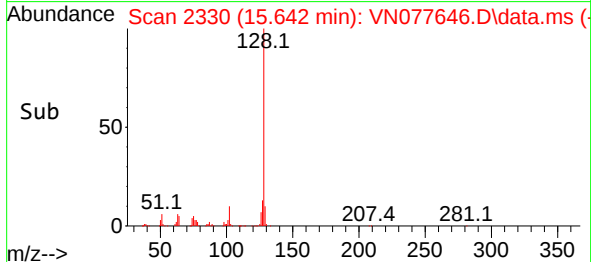
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:128 Resp: 976109  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.0 15.0  
129 10.7 8.7 13.1

Manual Integrations  
APPROVED

Reviewed By :John Carlone 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 41.212 ug/l  
RT: 15.842 min Scan# 2364  
Delta R.T. -0.000 min  
Lab File: VN077646.D  
Acq: 09 May 2023 20:57

Tgt Ion:180 Resp: 254254  
Ion Ratio Lower Upper  
180 100  
182 97.5 46.2 138.6  
145 36.4 17.5 52.6

