

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041024\  
 Data File : VN081680.D  
 Acq On : 10 Apr 2024 14:01  
 Operator : JC\MD  
 Sample : VSTDICC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC050

Quant Time: Apr 11 09:08:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041024W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Apr 11 09:07:06 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 04/11/2024  
 Supervised By : Mahesh Dadoda 04/11/2024

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Bromochloromethane        | 7.812          | 128  | 29783      | 30.000   | ug/l   | -0.01    |
| 28) 1,4-Difluorobenzene      | 9.106          | 114  | 202611     | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.871         | 117  | 274643     | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.582          | 65   | 109578     | 29.949   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = | 99.833%  |        |          |
| 60) 4-Bromofluorobenzene     | 12.853         | 95   | 168226     | 31.155   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = | 103.867% |        |          |
| 63) Toluene-d8               | 10.571         | 98   | 336887     | 30.580   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = | 101.933% |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 207094     | 49.763   | ug/l   | 98       |
| 3) Chloromethane             | 2.359          | 50   | 179292     | 49.657   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.518          | 62   | 182548     | 49.168   | ug/l   | 98       |
| 5) Bromomethane              | 2.959          | 94   | 140750     | 44.763   | ug/l   | 100      |
| 6) Chloroethane              | 3.124          | 64   | 133981     | 46.106   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.500          | 101  | 348982     | 57.232   | ug/l   | 94       |
| 8) Diethyl Ether             | 3.965          | 74   | 107007     | 47.068   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365          | 101  | 200129m    | 47.853   | ug/l   |          |
| 10) 1,1-Dichloroethene       | 4.347          | 96   | 183242     | 50.149   | ug/l   | 96       |
| 11) Methyl Iodide            | 4.589          | 142  | 227139     | 52.263   | ug/l   | 93       |
| 12) Methyl Acetate           | 5.024          | 43   | 171917     | 48.868   | ug/l   | 89       |
| 13) Acrolein                 | 4.183          | 56   | 107276     | 231.290  | ug/l   | 98       |
| 14) Acrylonitrile            | 5.724          | 53   | 433271     | 247.158  | ug/l   | 97       |
| 15) Acetone                  | 4.418          | 58   | 90515      | 234.186  | ug/l   | 91       |
| 16) Carbon Disulfide         | 4.712          | 76   | 524953     | 48.135   | ug/l # | 94       |
| 17) Allyl chloride           | 5.030          | 41   | 227206     | 48.972   | ug/l   | 94       |
| 18) Methylene Chloride       | 5.277          | 84   | 219784     | 49.767   | ug/l   | 96       |
| 19) trans-1,2-Dichloroethene | 5.783          | 96   | 203823     | 48.462   | ug/l   | 85       |
| 20) Diisopropyl ether        | 6.671          | 45   | 557237     | 50.283   | ug/l   | 95       |
| 21) 1,1-Dichloroethane       | 6.565          | 63   | 365229     | 49.593   | ug/l   | 98       |
| 22) cis-1,2-Dichloroethene   | 7.494          | 96   | 251076     | 49.436   | ug/l   | 95       |
| 23) tert-Butyl Alcohol       | 5.518          | 59   | 151189     | 242.950  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.800          | 73   | 604241     | 50.374   | ug/l   | 95       |
| 25) Chloroform               | 7.965          | 83   | 415557     | 49.593   | ug/l   | 98       |
| 26) Cyclohexane              | 8.259          | 56   | 306272     | 51.877   | ug/l # | 89       |
| 29) 1,1-Dichloropropene      | 8.371          | 75   | 282740     | 53.080   | ug/l   | 98       |
| 30) 2-Butanone               | 7.483          | 43   | 523541     | 257.357  | ug/l   | 98       |
| 31) 2,2-Dichloropropane      | 7.488          | 77   | 343795     | 51.817   | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 8.171          | 97   | 375924     | 51.206   | ug/l   | 99       |
| 33) Carbon Tetrachloride     | 8.365          | 117  | 340651     | 51.191   | ug/l   | 97       |
| 34) Benzene                  | 8.606          | 78   | 886494     | 51.663   | ug/l   | 100      |
| 35) Methacrylonitrile        | 7.783          | 41   | 123715     | 53.691   | ug/l   | 92       |
| 36) 1,2-Dichloroethane       | 8.671          | 62   | 283946     | 50.450   | ug/l   | 100      |
| 37) Trichloroethene          | 9.353          | 130  | 226208     | 49.818   | ug/l   | 98       |
| 38) Methylcyclohexane        | 9.606          | 83   | 337364     | 51.818   | ug/l   | 96       |
| 39) 1,2-Dichloropropane      | 9.624          | 63   | 206084     | 51.481   | ug/l   | 99       |
| 40) Dibromomethane           | 9.712          | 93   | 163858     | 51.386   | ug/l   | 97       |
| 41) Bromodichloromethane     | 9.888          | 83   | 328557     | 50.527   | ug/l   | 95       |
| 42) Vinyl Acetate            | 6.606          | 43   | 2273749    | 268.304  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041024\  
 Data File : VN081680.D  
 Acq On : 10 Apr 2024 14:01  
 Operator : JC\MD  
 Sample : VSTDICC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC050

Quant Time: Apr 11 09:08:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041024W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Apr 11 09:07:06 2024  
 Response via : Initial Calibration

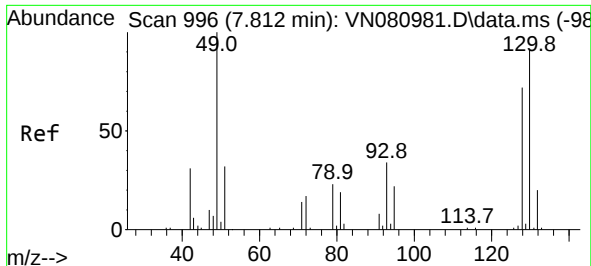
Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/11/2024  
 Supervised By : Mahesh Dadoda 04/11/2024

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 43) Ethyl Acetate             | 7.565  | 43   | 227911m  | 50.680   | ug/l   |          |
| 44) Isopropyl Acetate         | 8.688  | 43   | 388233   | 51.680   | ug/l   | 98       |
| 45) 1,4-Dioxane               | 9.694  | 88   | 88979    | 1072.986 | ug/l   | 93       |
| 46) Methyl methacrylate       | 9.682  | 41   | 181342   | 53.680   | ug/l   | 92       |
| 47) n-amyl Acetate            | 12.494 | 43   | 356818   | 52.934   | ug/l   | 98       |
| 48) t-1,3-Dichloropropene     | 10.835 | 75   | 320759   | 51.776   | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene   | 10.312 | 75   | 345921   | 51.851   | ug/l   | 92       |
| 50) 1,1,2-Trichloroethane     | 11.018 | 97   | 217752   | 50.998   | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.876 | 69   | 317303   | 53.371   | ug/l   | 94       |
| 52) 1,3-Dichloropropane       | 11.165 | 76   | 358870   | 51.277   | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.359 | 129  | 263626   | 51.687   | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 11.471 | 107  | 226323   | 51.280   | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether | 10.159 | 63   | 813739   | 278.723  | ug/l   | 98       |
| 56) Bromoform                 | 12.582 | 173  | 173128   | 53.084   | ug/l # | 97       |
| 58) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1220226  | 258.355  | ug/l   | 95       |
| 59) 2-Hexanone                | 11.200 | 43   | 944203   | 266.195  | ug/l   | 94       |
| 61) Tetrachloroethene         | 11.106 | 164  | 260579   | 51.204   | ug/l   | 88       |
| 62) Toluene                   | 10.635 | 91   | 1011061  | 50.601   | ug/l   | 99       |
| 64) Chlorobenzene             | 11.894 | 112  | 633623   | 50.010   | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 226782   | 49.275   | ug/l   | 97       |
| 66) Ethyl Benzene             | 11.965 | 91   | 1112903  | 52.387   | ug/l   | 98       |
| 67) m/p-Xylenes               | 12.070 | 106  | 885537   | 105.235  | ug/l   | 95       |
| 68) o-Xylene                  | 12.400 | 106  | 420992   | 52.700   | ug/l   | 95       |
| 69) Styrene                   | 12.412 | 104  | 717906   | 52.769   | ug/l   | 96       |
| 70) Isopropylbenzene          | 12.700 | 105  | 1091632  | 52.969   | ug/l   | 97       |
| 71) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 265408   | 49.300   | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.994 | 75   | 263657m  | 34.727   | ug/l   |          |
| 73) Bromobenzene              | 12.982 | 156  | 260763   | 51.063   | ug/l   | 91       |
| 74) n-propylbenzene           | 13.035 | 91   | 1303209  | 52.797   | ug/l   | 98       |
| 75) 2-Chlorotoluene           | 13.123 | 91   | 773531   | 52.632   | ug/l   | 94       |
| 76) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 935585   | 53.485   | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 12.735 | 75   | 103463   | 50.126   | ug/l   | 94       |
| 78) 4-Chlorotoluene           | 13.223 | 91   | 761566   | 52.244   | ug/l   | 93       |
| 79) tert-butylbenzene         | 13.441 | 119  | 789733   | 53.068   | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 943026   | 54.058   | ug/l   | 97       |
| 81) sec-Butylbenzene          | 13.617 | 105  | 1132170  | 52.753   | ug/l   | 98       |
| 82) p-Isopropyltoluene        | 13.729 | 119  | 960532   | 53.364   | ug/l   | 97       |
| 83) 1,3-Dichlorobenzene       | 13.735 | 146  | 490703   | 51.416   | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene       | 13.817 | 146  | 475294   | 51.447   | ug/l   | 98       |
| 85) n-Butylbenzene            | 14.059 | 91   | 799937   | 52.761   | ug/l   | 100      |
| 86) Hexachloroethane          | 14.335 | 117  | 169939   | 49.420   | ug/l   | 89       |
| 87) 1,2-Dichlorobenzene       | 14.106 | 146  | 471839   | 51.940   | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 58721    | 50.035   | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene    | 15.841 | 180  | 254771   | 50.816   | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 15.500 | 225  | 99218    | 49.724   | ug/l   | 100      |
| 91) Naphthalene               | 15.641 | 128  | 847163   | 52.920   | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 254771   | 51.167   | ug/l   | 99       |

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





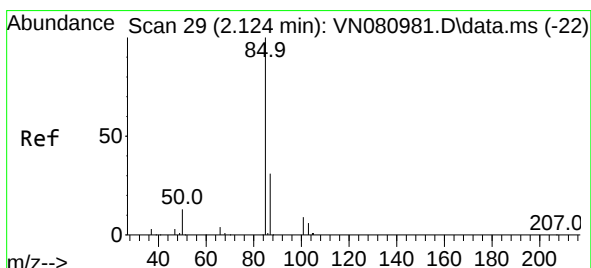
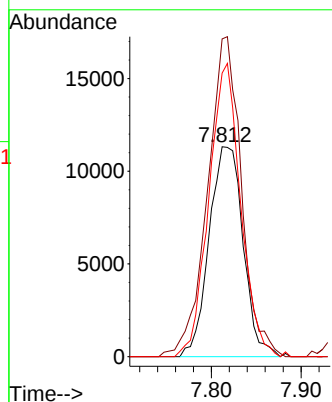
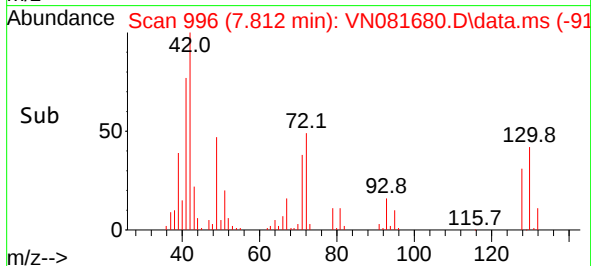
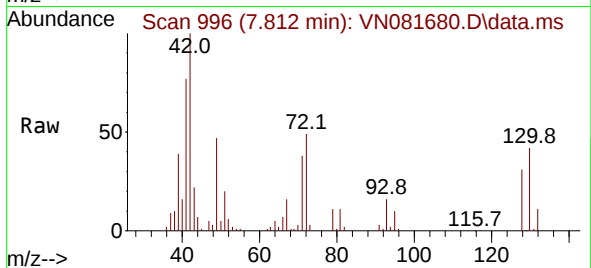
#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.812 min Scan# 996  
Delta R.T. -0.012 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDICC050

Tgt Ion: 128 Resp: 2978  
Ion Ratio Lower Upper  
128 100  
49 151.6 0.0 403.7  
130 130.4 0.0 323.3

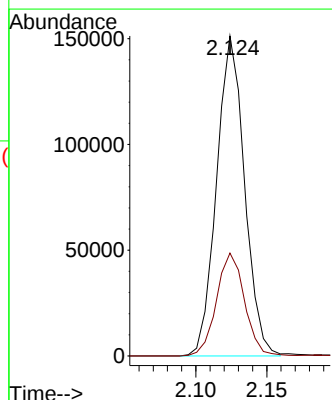
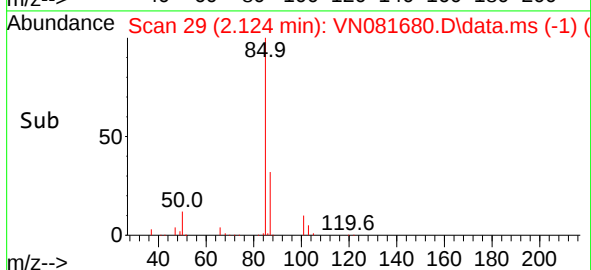
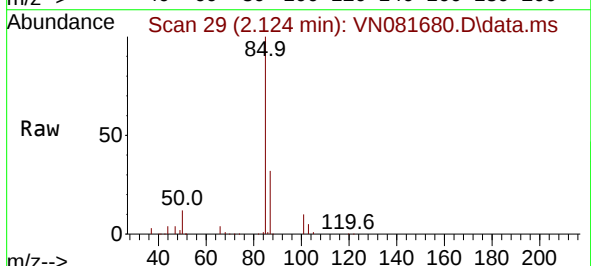
Manual Integrations  
APPROVED

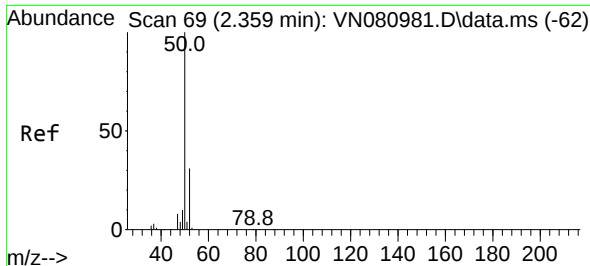
Reviewed By : John Carlone 04/11/2024  
Supervised By : Mahesh Dadoda 04/11/2024



#2  
Dichlorodifluoromethane  
Concen: 49.763 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Tgt Ion: 85 Resp: 207094  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.8 50.3





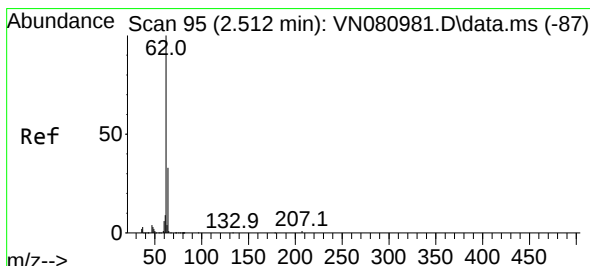
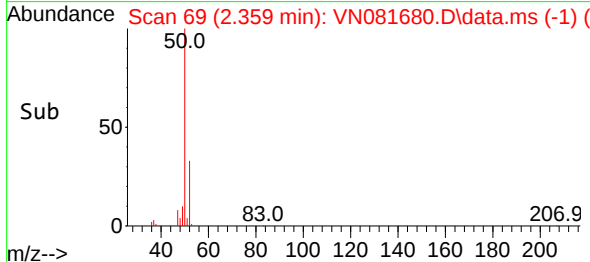
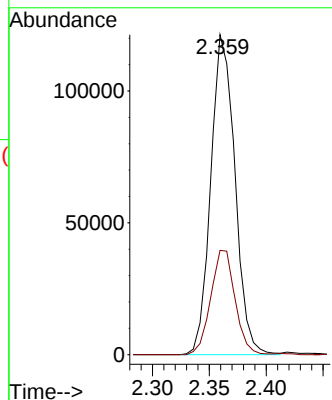
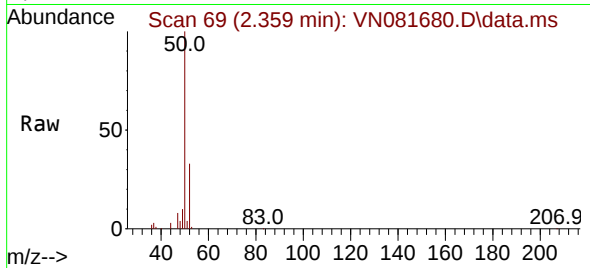
#3  
Chloromethane  
Concen: 49.657 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050

Tgt Ion: 50 Resp: 179292  
Ion Ratio Lower Upper  
50 100  
52 32.6 25.4 38.0

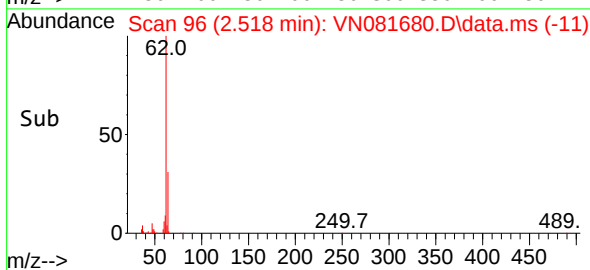
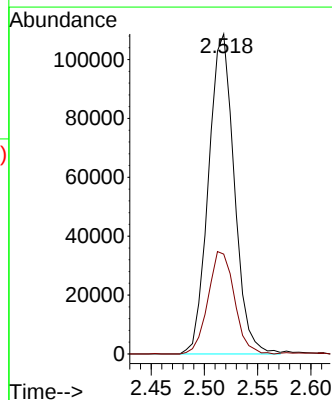
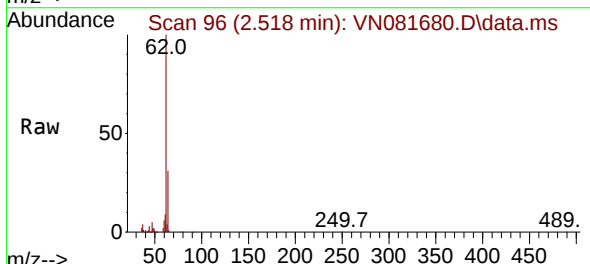
Manual Integrations  
APPROVED

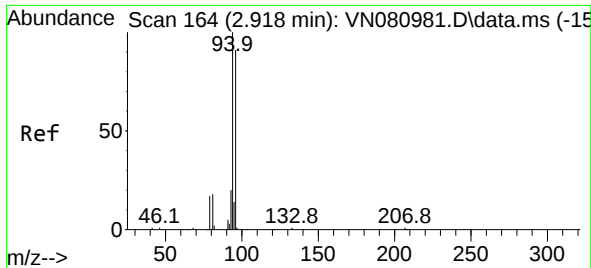
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#4  
Vinyl Chloride  
Concen: 49.168 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

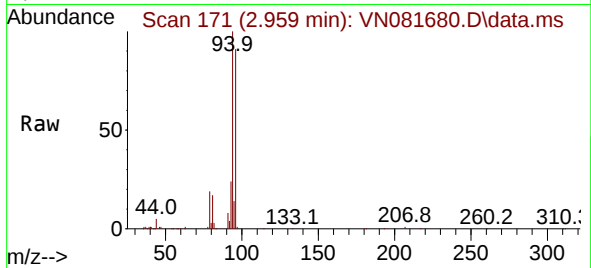
Tgt Ion: 62 Resp: 182548  
Ion Ratio Lower Upper  
62 100  
64 31.2 24.1 36.1





#5  
Bromomethane  
Concen: 44.763 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

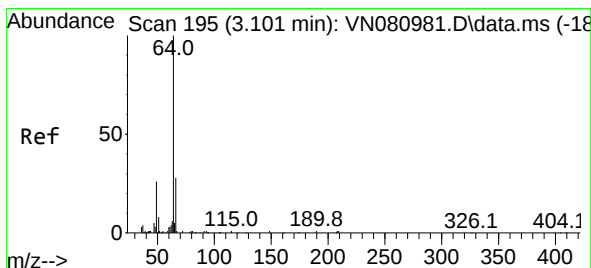
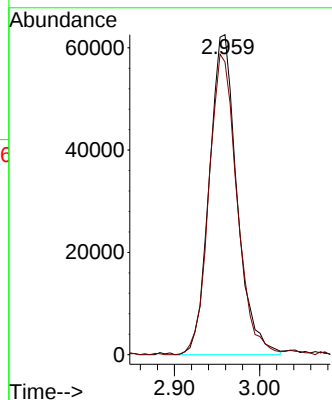
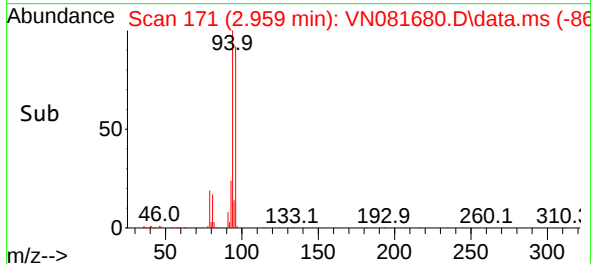
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



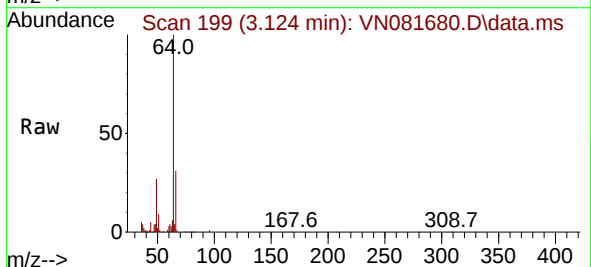
Tgt Ion: 94 Resp: 140750  
Ion Ratio Lower Upper  
94 100  
96 91.2 72.8 109.2

Manual Integrations  
APPROVED

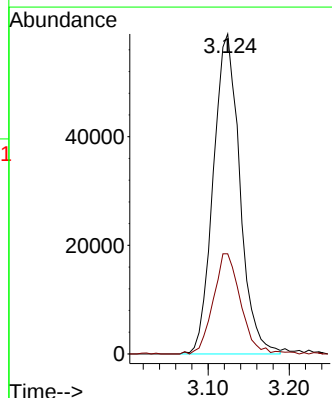
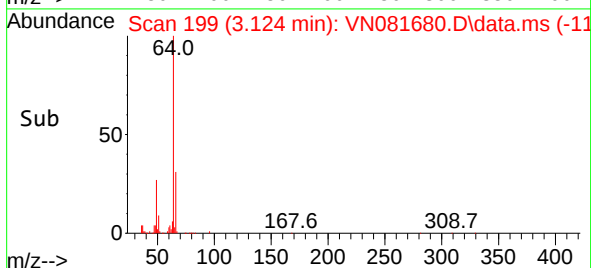
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

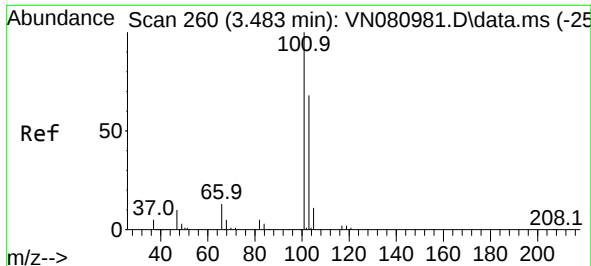


#6  
Chloroethane  
Concen: 46.106 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01



Tgt Ion: 64 Resp: 133981  
Ion Ratio Lower Upper  
64 100  
66 31.3 26.7 40.1





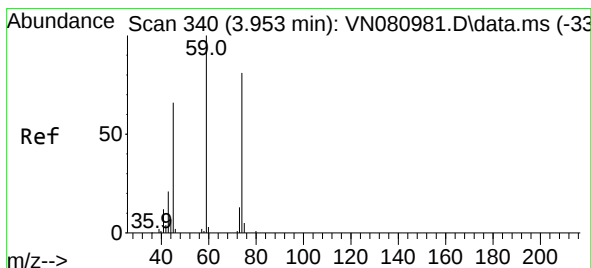
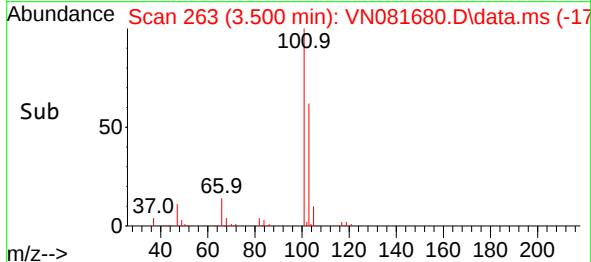
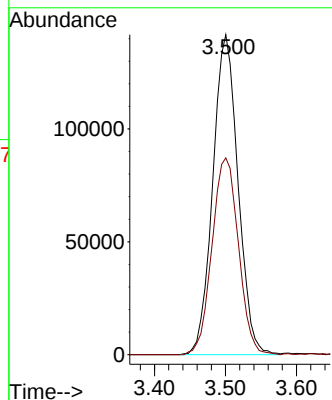
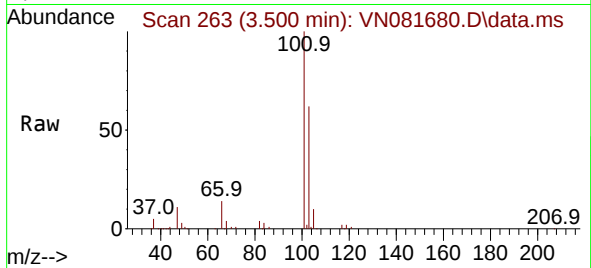
#7  
 Trichlorofluoromethane  
 Concen: 57.232 ug/l  
 RT: 3.500 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN081680.D  
 Acq: 10 Apr 2024 14:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

Tgt Ion:101 Resp: 34898  
 Ion Ratio Lower Upper  
 101 100  
 103 61.5 53.0 79.4

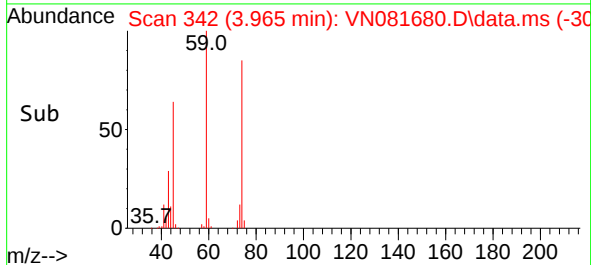
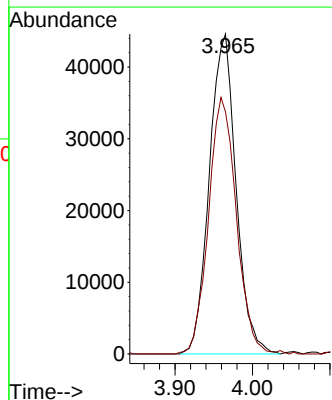
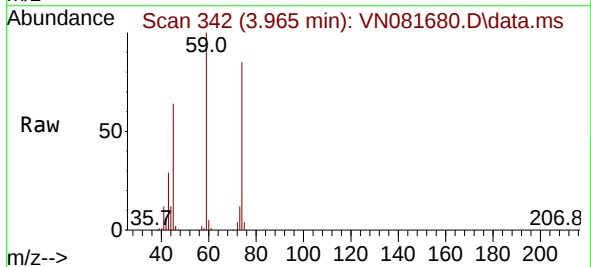
Manual Integrations  
 APPROVED

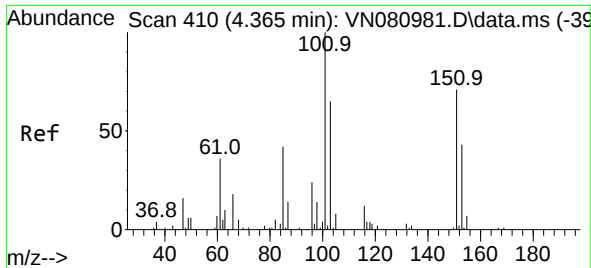
Reviewed By :John Carlone 04/11/2024  
 Supervised By :Mahesh Dadoda 04/11/2024



#8  
 Diethyl Ether  
 Concen: 47.068 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.006 min  
 Lab File: VN081680.D  
 Acq: 10 Apr 2024 14:01

Tgt Ion: 74 Resp: 107007  
 Ion Ratio Lower Upper  
 74 100  
 45 83.3 16.4 147.4





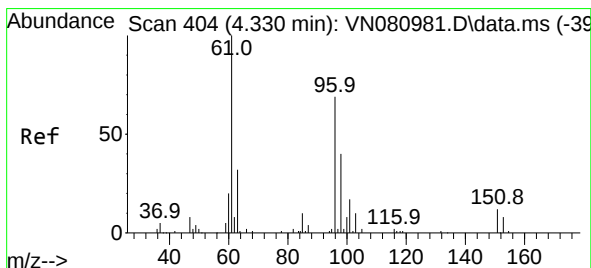
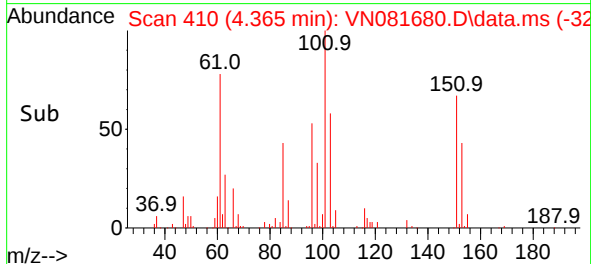
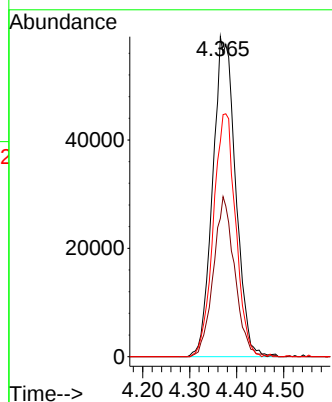
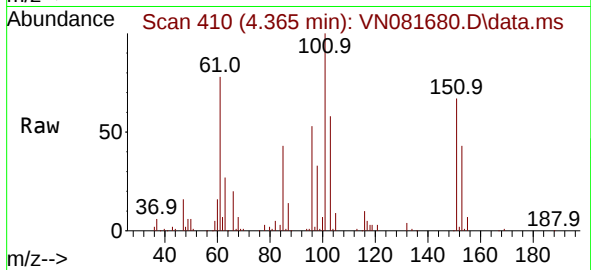
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.853 ug/l m  
RT: 4.365 min Scan# 410  
Delta R.T. -0.012 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050

Tgt Ion:101 Resp: 200129  
Ion Ratio Lower Upper  
101 100  
85 0.1 0.0 90.6  
151 0.2 0.0 157.6

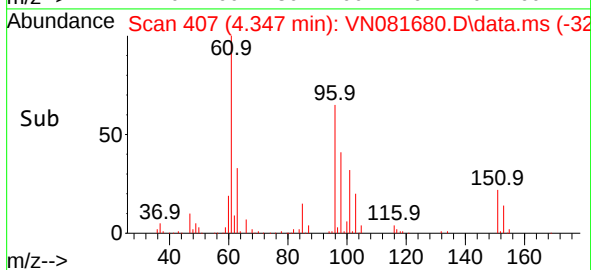
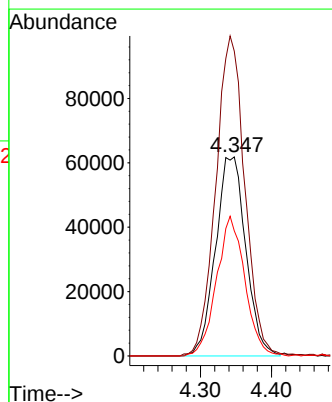
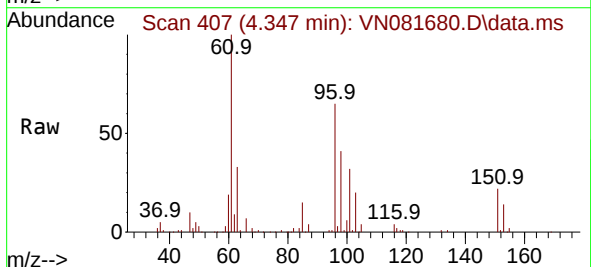
Manual Integrations  
APPROVED

Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#10  
1,1-Dichloroethene  
Concen: 50.149 ug/l  
RT: 4.347 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

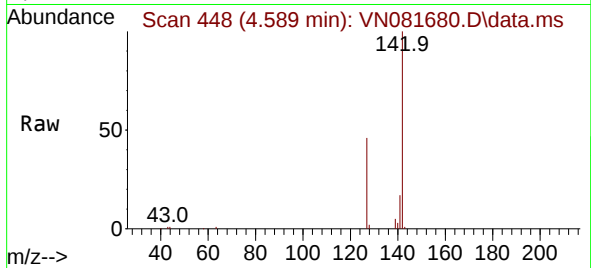
Tgt Ion: 96 Resp: 183242  
Ion Ratio Lower Upper  
96 100  
61 153.1 117.6 176.4  
98 62.9 48.4 72.6





#11  
Methyl Iodide  
Concen: 52.263 ug/l  
RT: 4.589 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

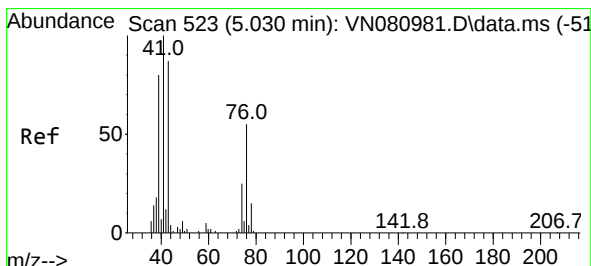
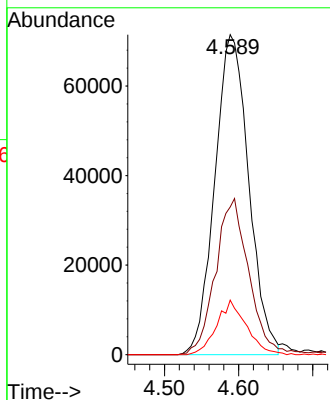
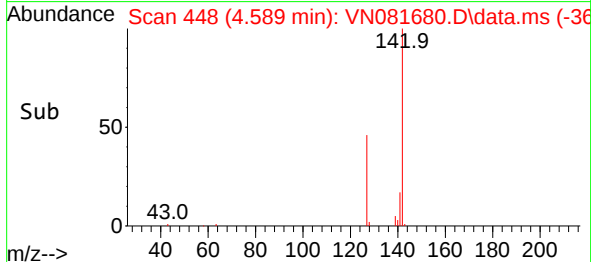
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050



Tgt Ion:142 Resp: 227139  
Ion Ratio Lower Upper  
142 100  
127 45.9 26.3 78.9  
141 17.0 8.3 24.9

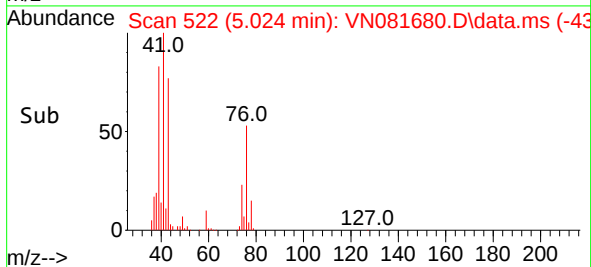
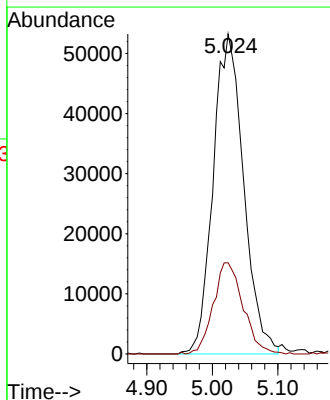
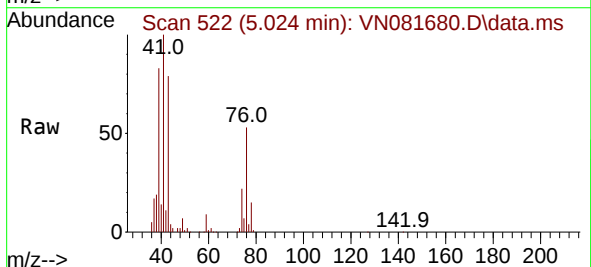
Manual Integrations  
APPROVED

Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#12  
Methyl Acetate  
Concen: 48.868 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Tgt Ion: 43 Resp: 171917  
Ion Ratio Lower Upper  
43 100  
74 28.5 27.7 41.5





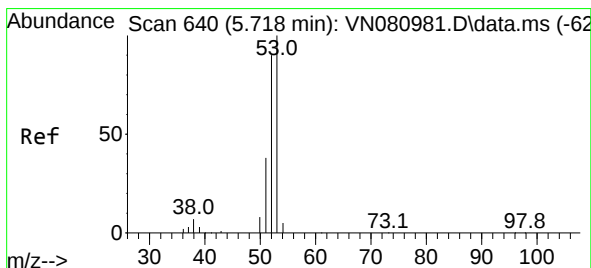
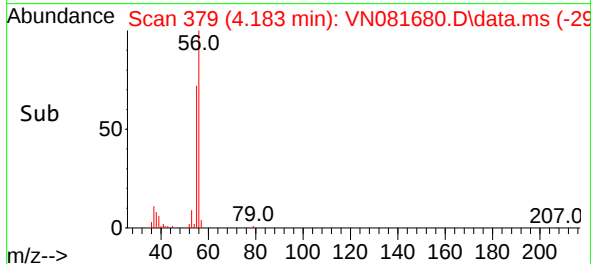
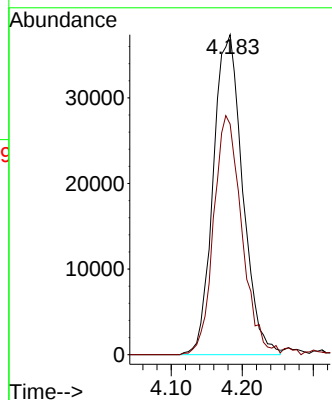
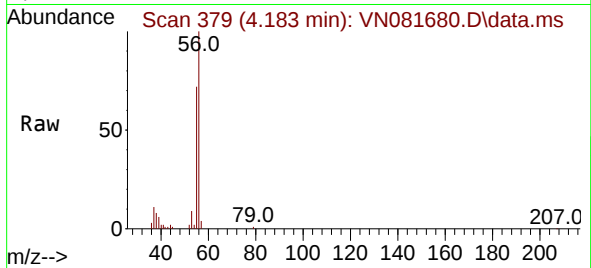
#13  
Acrolein  
Concen: 231.290 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050

Tgt Ion: 56 Resp: 107270  
Ion Ratio Lower Upper  
56 100  
55 71.2 55.5 83.3

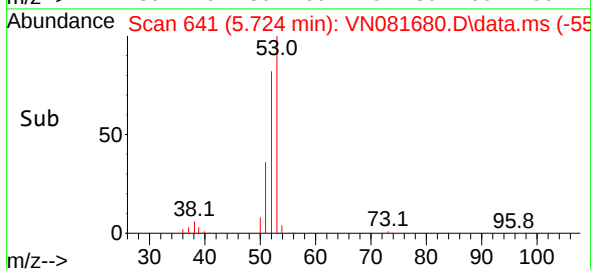
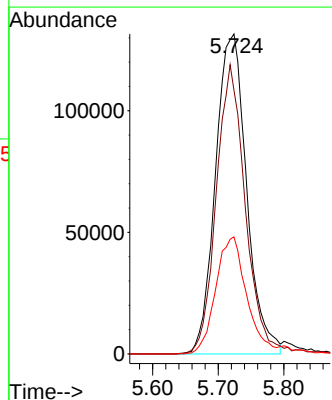
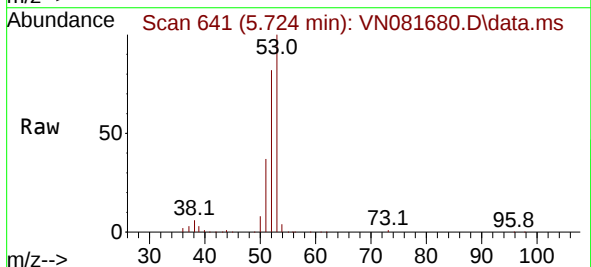
Manual Integrations  
APPROVED

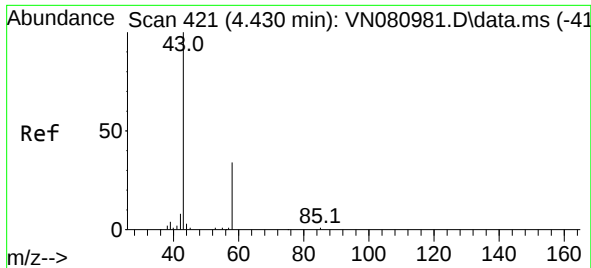
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#14  
Acrylonitrile  
Concen: 247.158 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

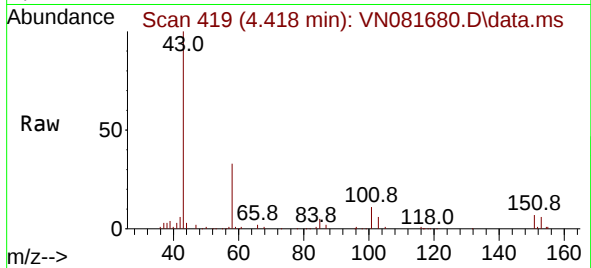
Tgt Ion: 53 Resp: 433271  
Ion Ratio Lower Upper  
53 100  
52 84.1 41.3 123.9  
51 36.2 16.8 50.3





#15  
Acetone  
Concen: 234.186 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

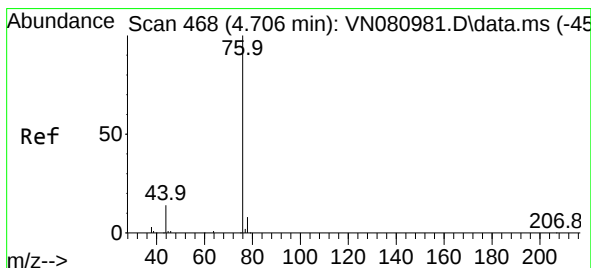
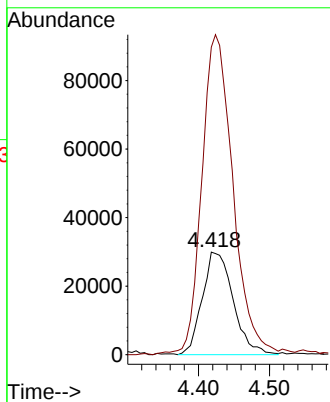
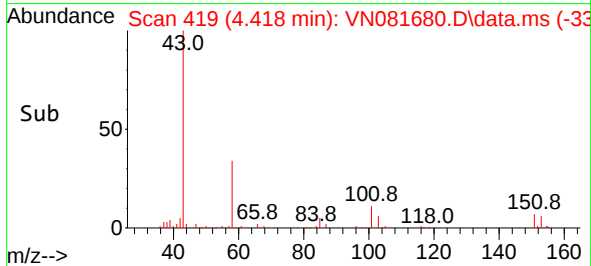
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050



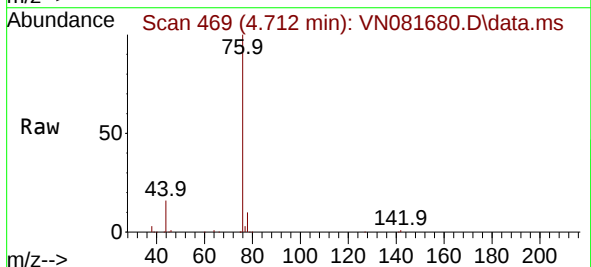
Tgt Ion: 58 Resp: 9051  
Ion Ratio Lower Upper  
58 100  
43 296.6 223.1 334.7

Manual Integrations  
APPROVED

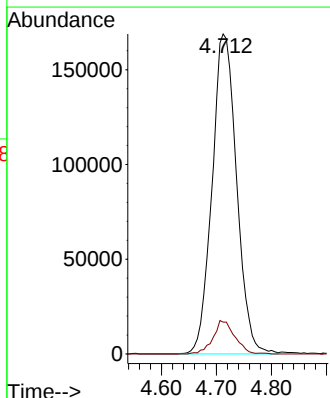
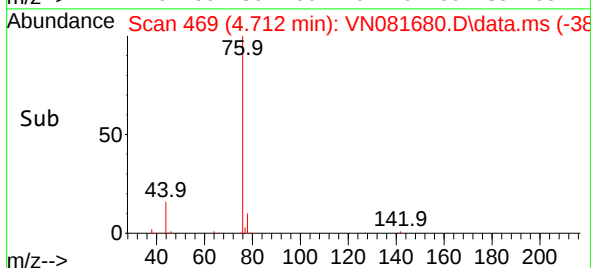
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

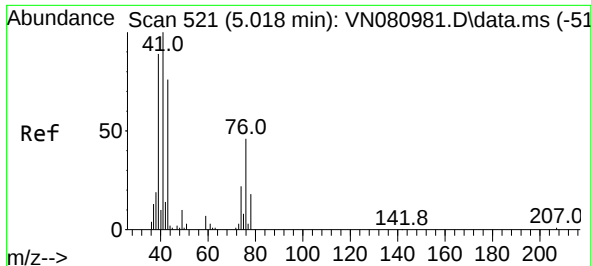


#16  
Carbon Disulfide  
Concen: 48.135 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01



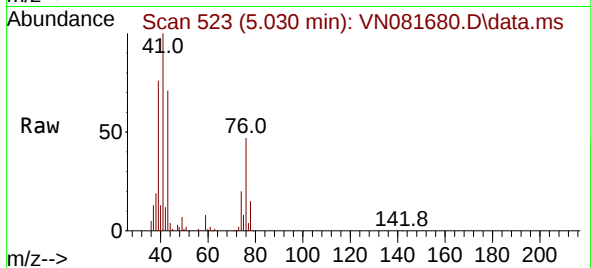
Tgt Ion: 76 Resp: 524953  
Ion Ratio Lower Upper  
76 100  
78 9.9 6.3 9.5#





#17  
 Allyl chloride  
 Concen: 48.972 ug/l  
 RT: 5.030 min Scan# 51  
 Delta R.T. 0.006 min  
 Lab File: VN081680.D  
 Acq: 10 Apr 2024 14:01

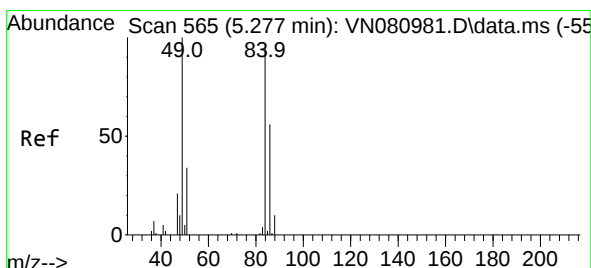
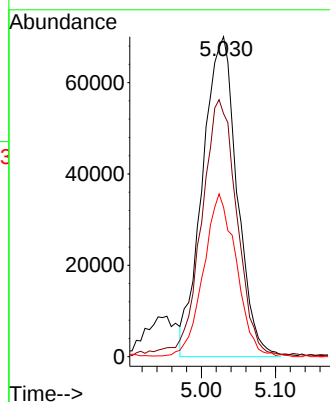
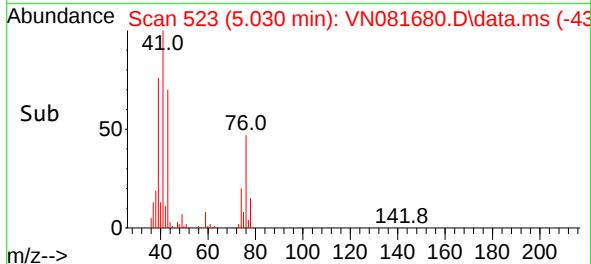
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC050



Tgt Ion: 41 Resp: 227200  
 Ion Ratio Lower Upper  
 41 100  
 39 75.6 37.6 112.9  
 76 46.3 27.8 83.4

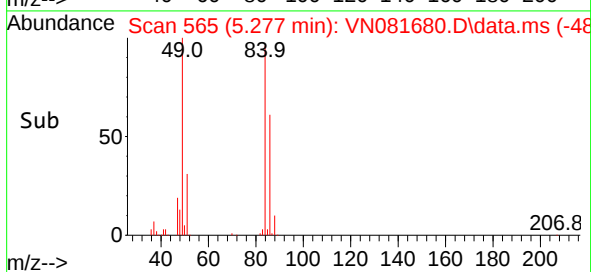
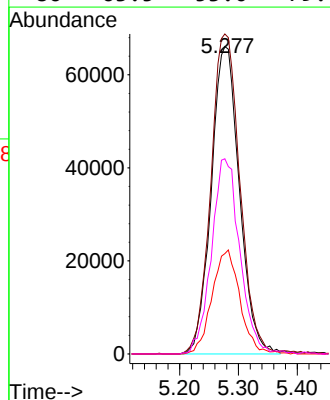
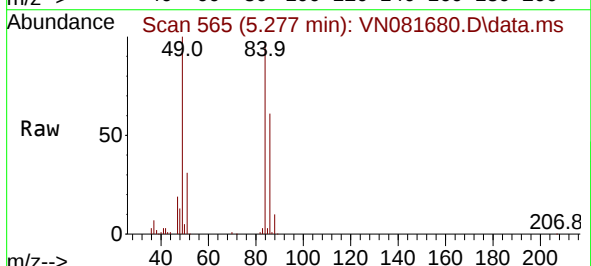
Manual Integrations  
 APPROVED

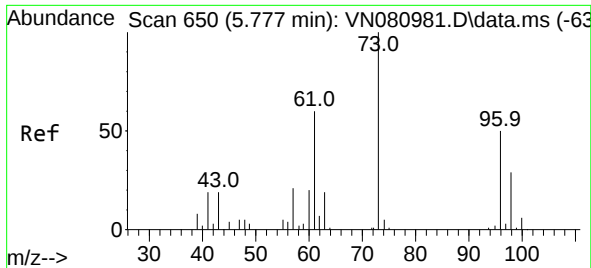
Reviewed By :John Carlone 04/11/2024  
 Supervised By :Mahesh Dadoda 04/11/2024



#18  
 Methylene Chloride  
 Concen: 49.767 ug/l  
 RT: 5.277 min Scan# 565  
 Delta R.T. -0.006 min  
 Lab File: VN081680.D  
 Acq: 10 Apr 2024 14:01

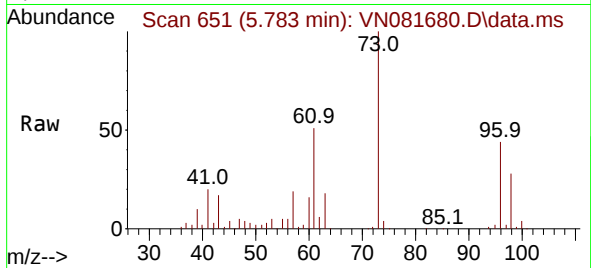
Tgt Ion: 84 Resp: 219784  
 Ion Ratio Lower Upper  
 84 100  
 49 104.1 86.0 129.0  
 51 32.7 30.0 45.0  
 86 63.5 53.0 79.4





#19  
trans-1,2-Dichloroethene  
Concen: 48.462 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

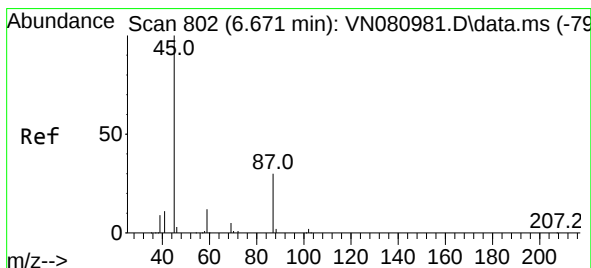
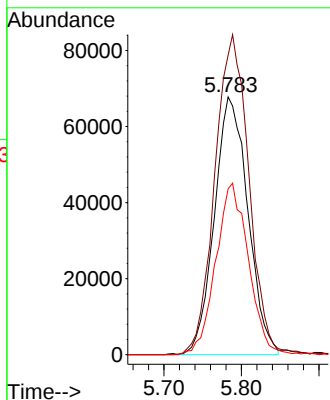
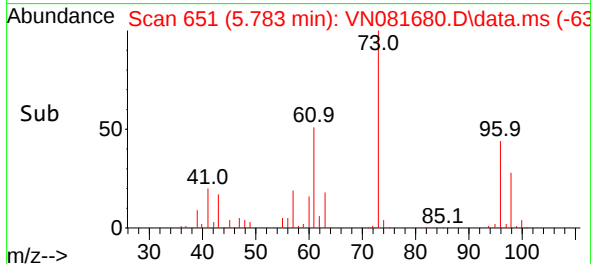
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



Tgt Ion: 96 Resp: 20382  
Ion Ratio Lower Upper  
96 100  
61 116.0 111.8 167.6  
98 64.3 49.2 73.8

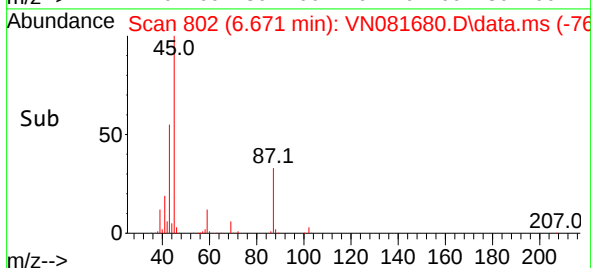
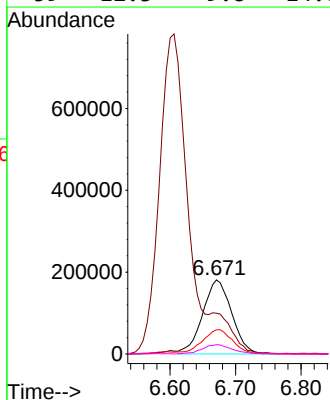
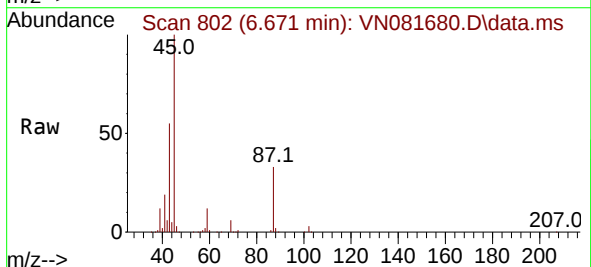
Manual Integrations  
APPROVED

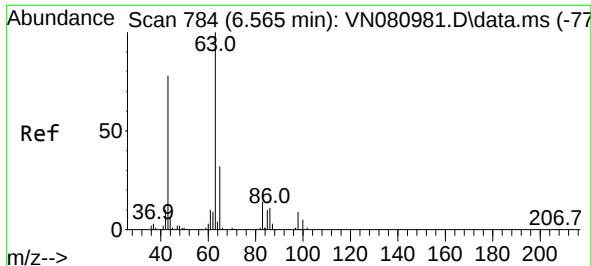
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#20  
Diisopropyl ether  
Concen: 50.283 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

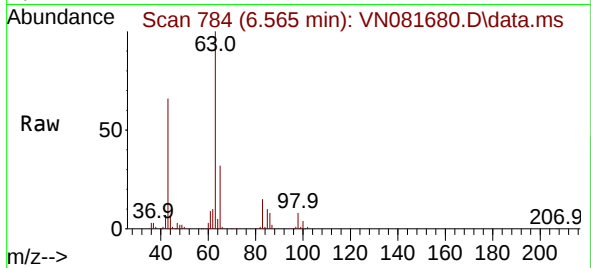
Tgt Ion: 45 Resp: 557237  
Ion Ratio Lower Upper  
45 100  
43 54.3 40.4 60.6  
87 32.6 23.8 35.8  
59 12.3 9.8 14.6





#21  
1,1-Dichloroethane  
Concen: 49.593 ug/l  
RT: 6.565 min Scan# 784  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

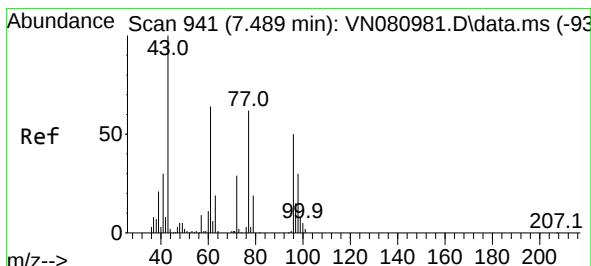
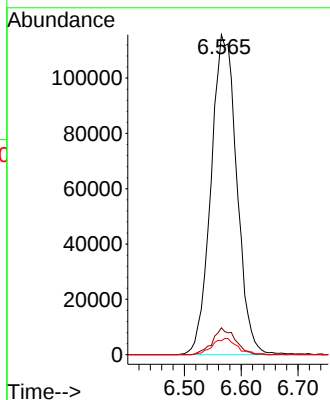
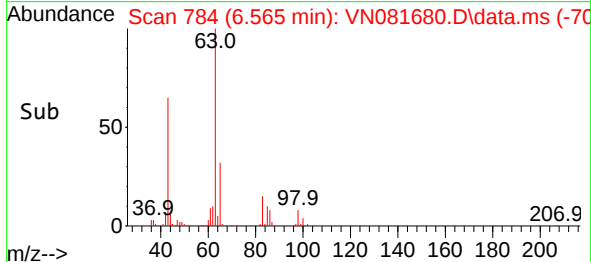
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050



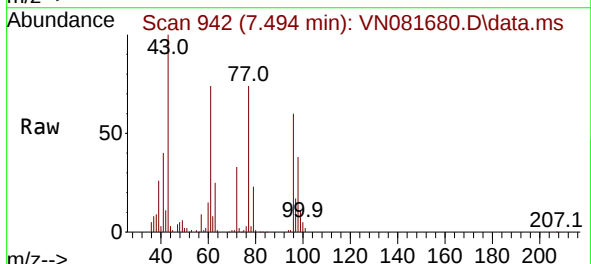
Tgt Ion: 63 Resp: 365229  
Ion Ratio Lower Upper  
63 100  
98 8.4 4.1 12.3  
100 4.3 3.0 9.0

Manual Integrations  
APPROVED

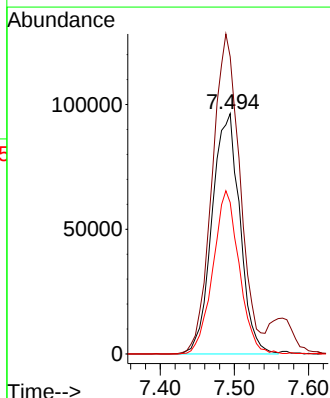
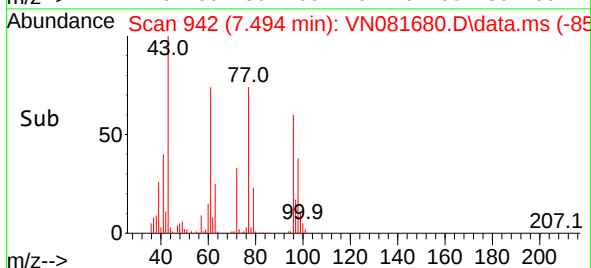
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

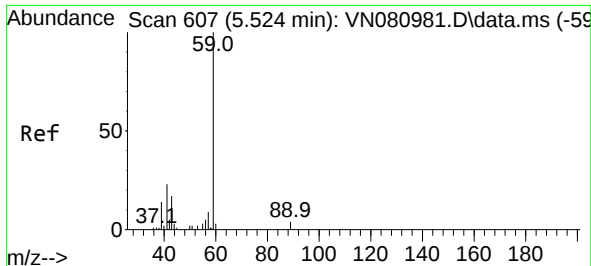


#22  
cis-1,2-Dichloroethene  
Concen: 49.436 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.012 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01



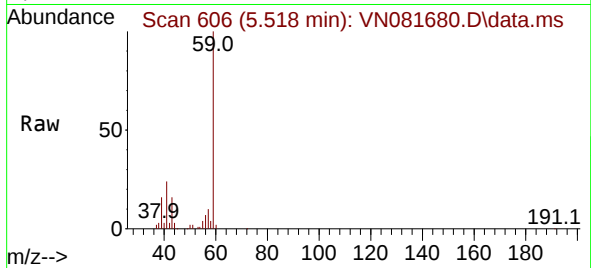
Tgt Ion: 96 Resp: 251076  
Ion Ratio Lower Upper  
96 100  
61 134.2 113.5 170.3  
98 63.9 52.0 78.0





#23  
tert-Butyl Alcohol  
Concen: 242.950 ug/l  
RT: 5.518 min Scan# 607  
Delta R.T. 0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

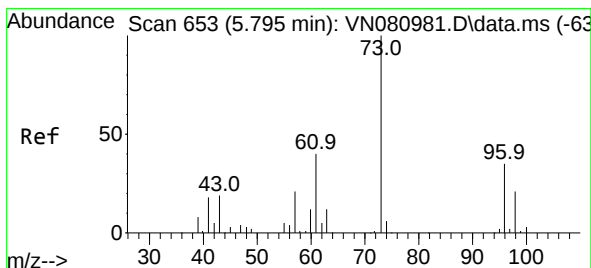
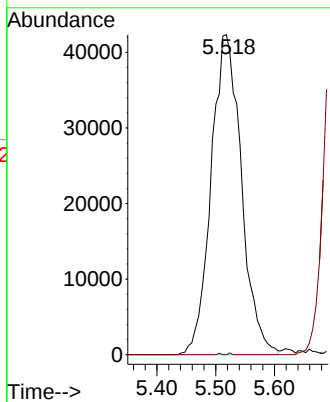
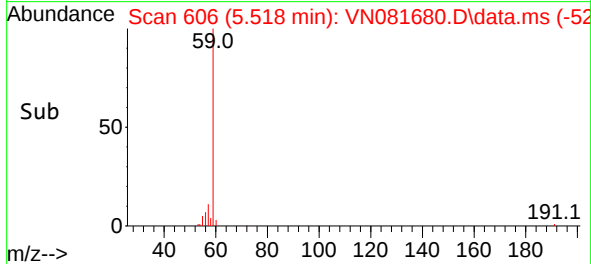
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050



Tgt Ion: 59 Resp: 151189  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0

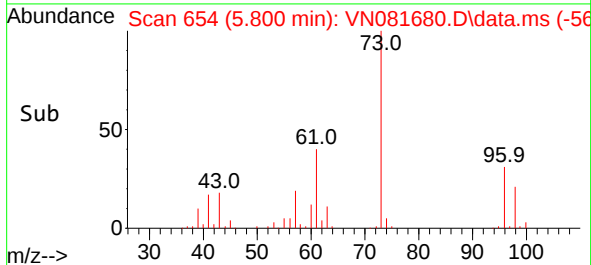
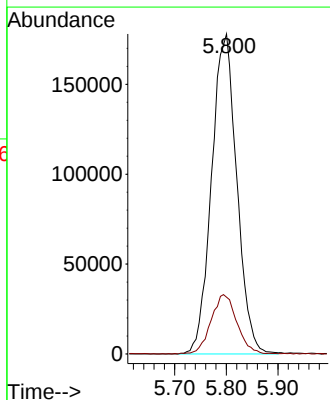
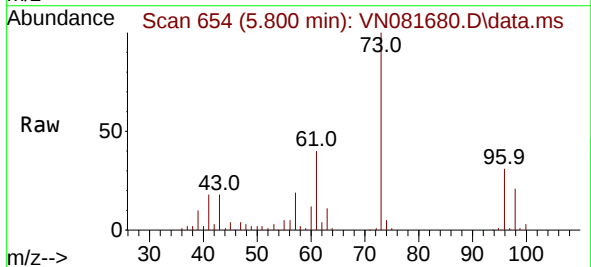
Manual Integrations  
APPROVED

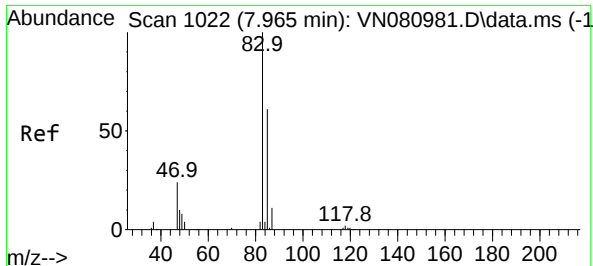
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#24  
Methyl tert-Butyl Ether  
Concen: 50.374 ug/l  
RT: 5.800 min Scan# 654  
Delta R.T. 0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

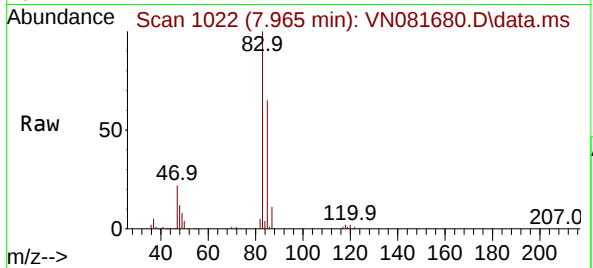
Tgt Ion: 73 Resp: 604241  
Ion Ratio Lower Upper  
73 100  
43 19.0 13.4 20.2





#25  
Chloroform  
Concen: 49.593 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

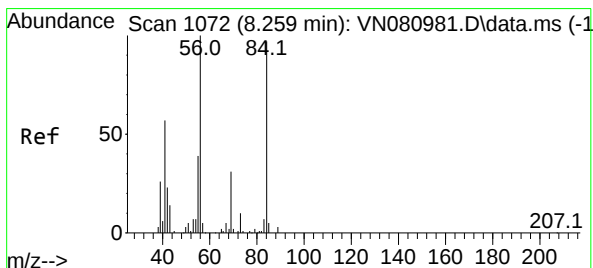
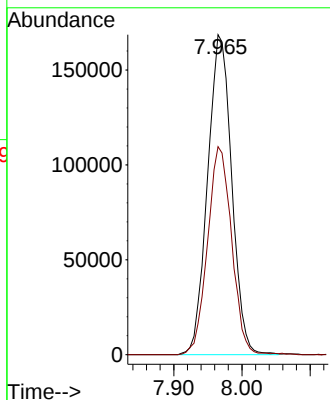
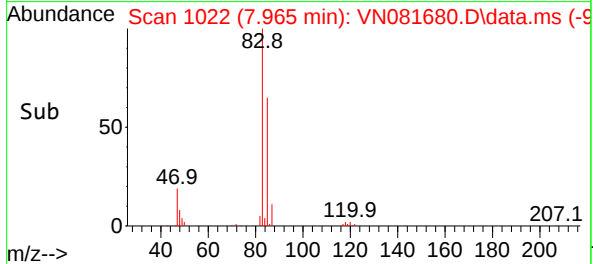
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



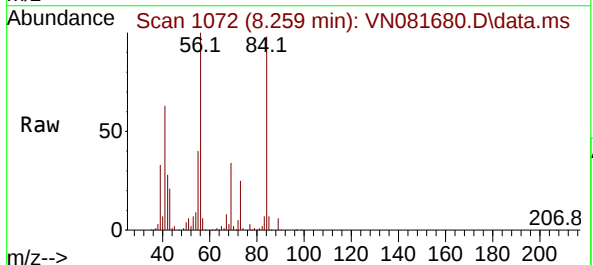
Tgt Ion: 83 Resp: 41555  
Ion Ratio Lower Upper  
83 100  
85 65.0 50.9 76.3

Manual Integrations  
APPROVED

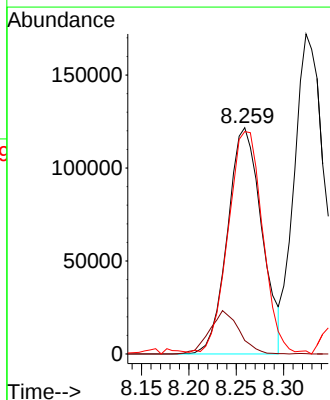
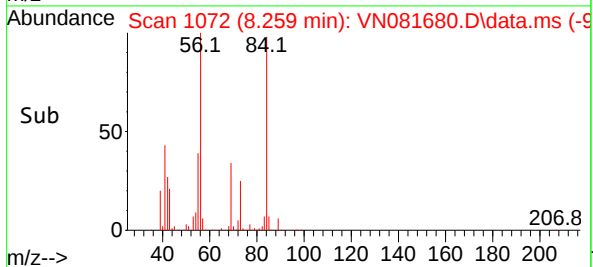
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

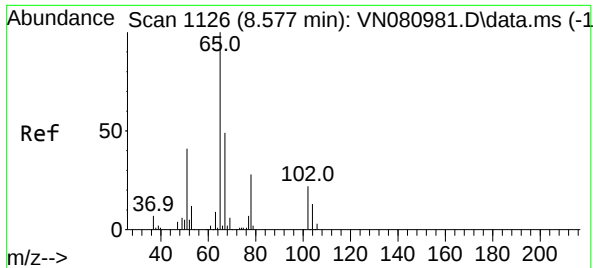


#26  
Cyclohexane  
Concen: 51.877 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01



Tgt Ion: 56 Resp: 306272  
Ion Ratio Lower Upper  
56 100  
89 16.7 19.3 28.9#  
84 98.8 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 29.949 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN081680.D

Acq: 10 Apr 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC050

Tgt Ion: 65 Resp: 109578

Ion Ratio Lower Upper

65 100

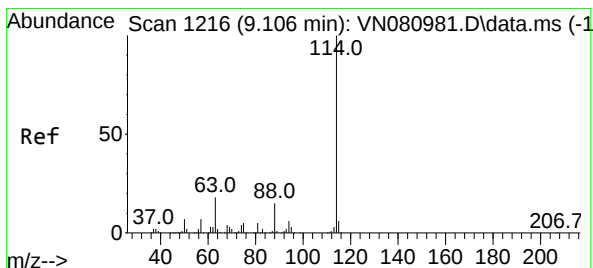
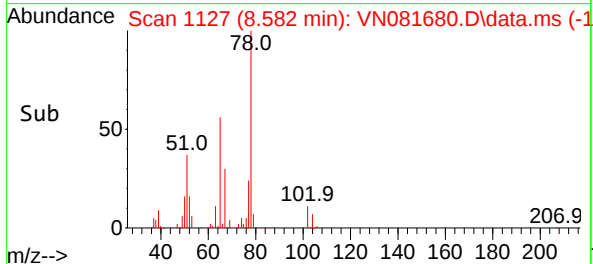
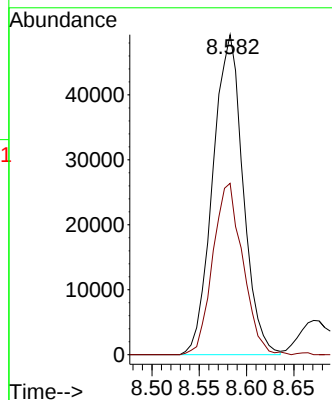
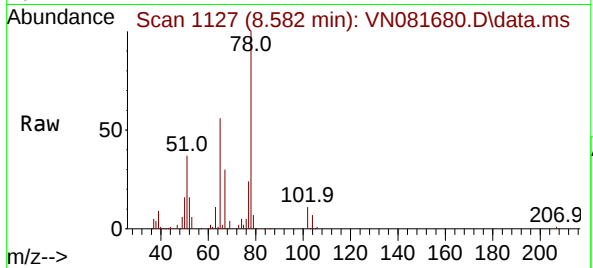
67 52.8 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081680.D

Acq: 10 Apr 2024 14:01

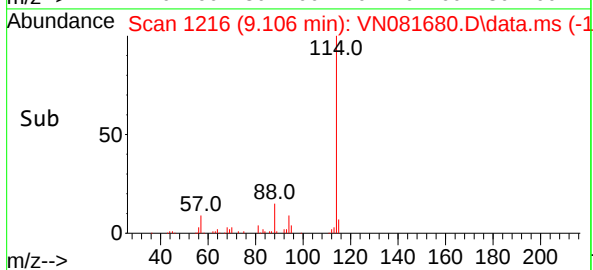
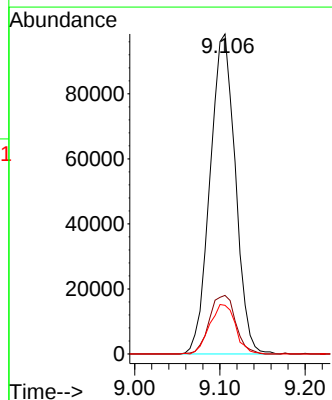
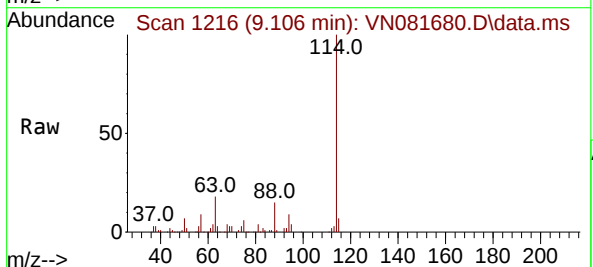
Tgt Ion:114 Resp: 202611

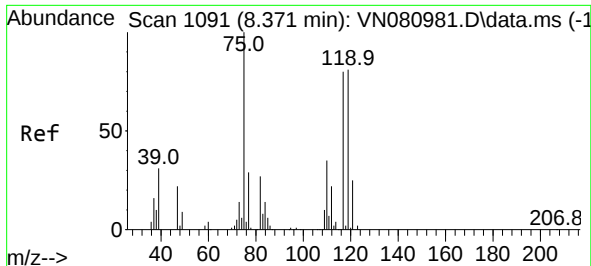
Ion Ratio Lower Upper

114 100

63 19.1 15.9 23.9

88 15.8 12.7 19.1





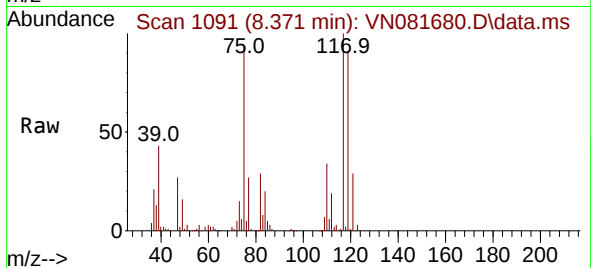
#29  
1,1-Dichloropropene  
Concen: 53.080 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC050



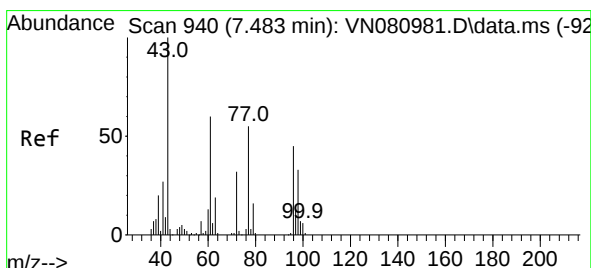
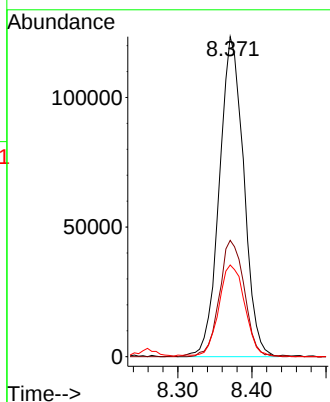
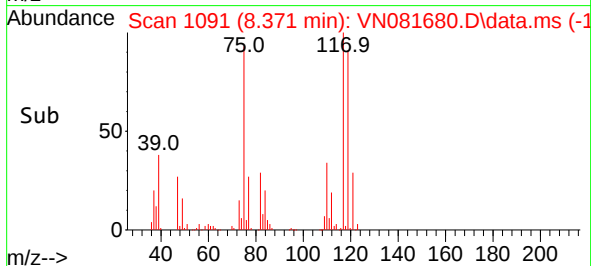
Tgt Ion: 75 Resp: 282740  
Ion Ratio Lower Upper  
75 100  
110 37.0 0.0 70.2  
77 30.2 0.0 61.4

Manual Integrations

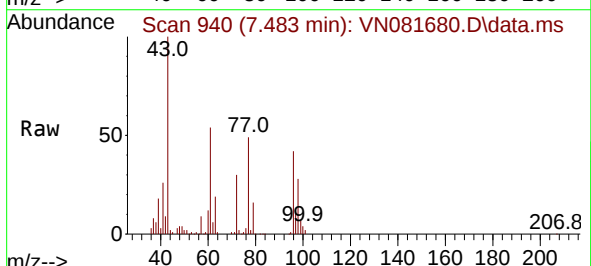
APPROVED

Reviewed By :John Carlone 04/11/2024

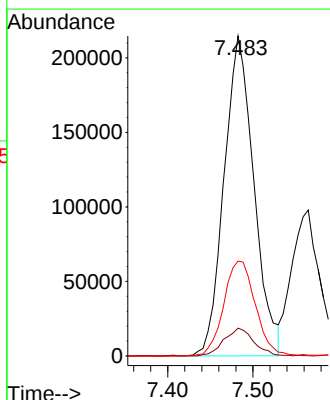
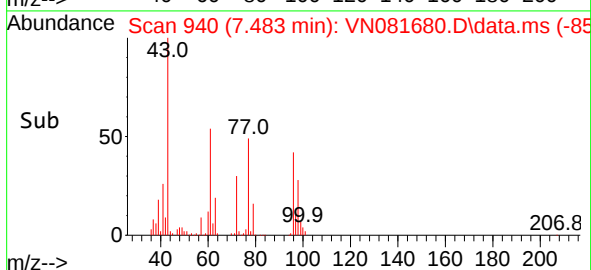
Supervised By :Mahesh Dadoda 04/11/2024

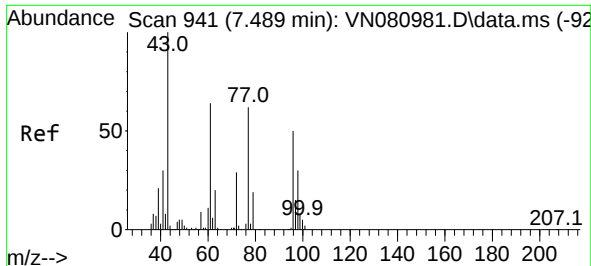


#30  
2-Butanone  
Concen: 257.357 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01



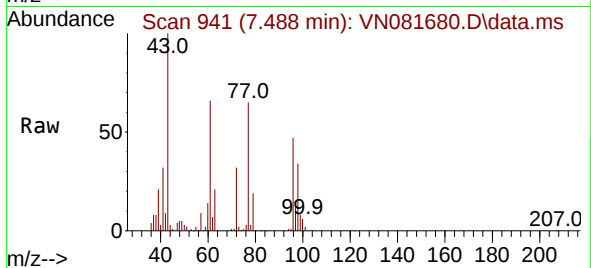
Tgt Ion: 43 Resp: 523541  
Ion Ratio Lower Upper  
43 100  
57 8.7 6.7 10.1  
72 31.3 24.0 36.0





#31  
2,2-Dichloropropane  
Concen: 51.817 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

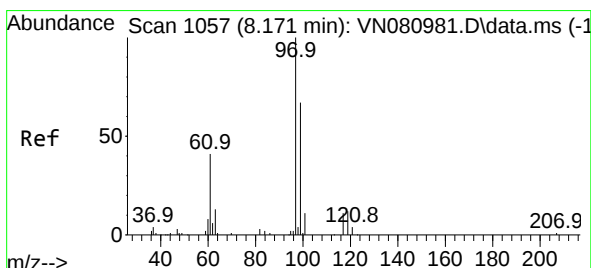
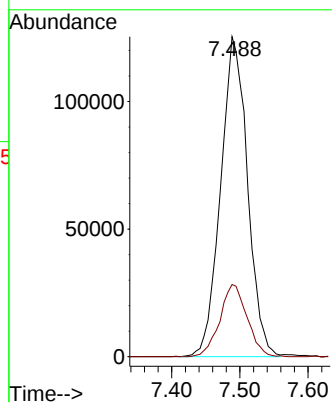
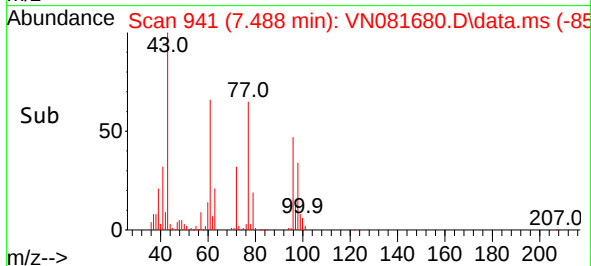
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050



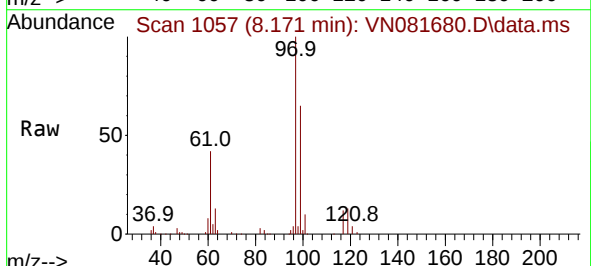
Tgt Ion: 77 Resp: 343795  
Ion Ratio Lower Upper  
77 100  
97 22.8 18.3 27.5

Manual Integrations  
APPROVED

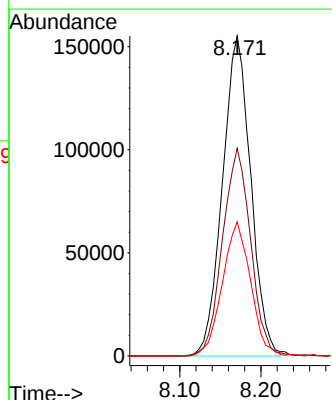
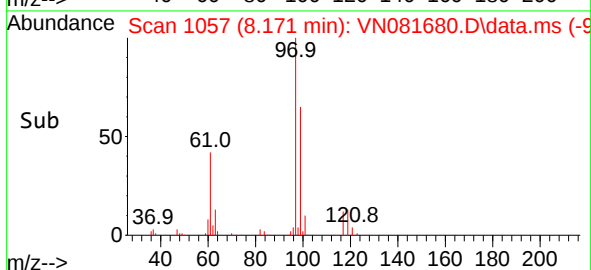
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

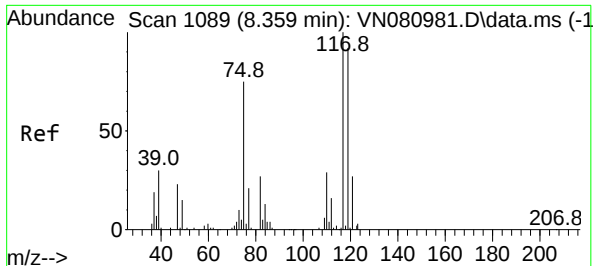


#32  
1,1,1-Trichloroethane  
Concen: 51.206 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01



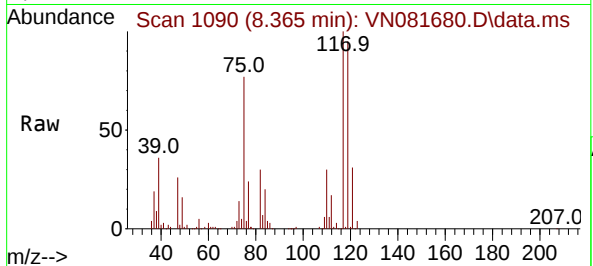
Tgt Ion: 97 Resp: 375924  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.0 76.4  
61 41.7 33.8 50.8





#33  
Carbon Tetrachloride  
Concen: 51.191 ug/l  
RT: 8.365 min Scan# 1109  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

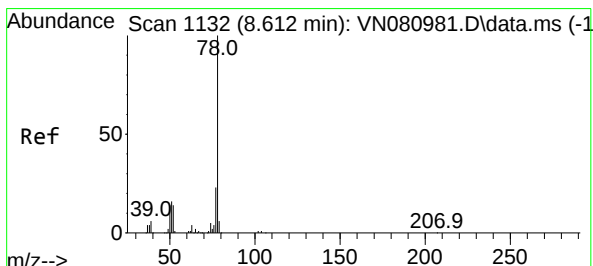
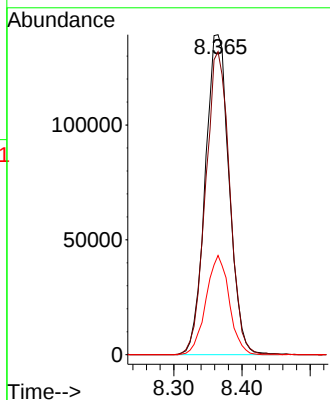
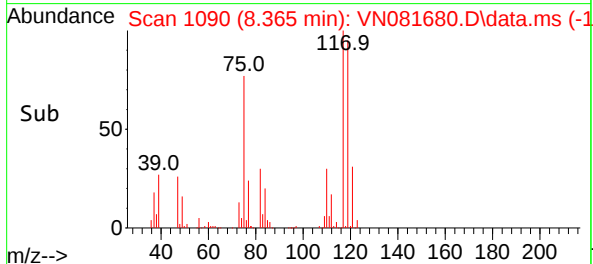
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050



Tgt Ion: 117 Resp: 34065  
Ion Ratio Lower Upper  
117 100  
119 94.5 77.7 116.5  
121 31.0 27.0 40.6

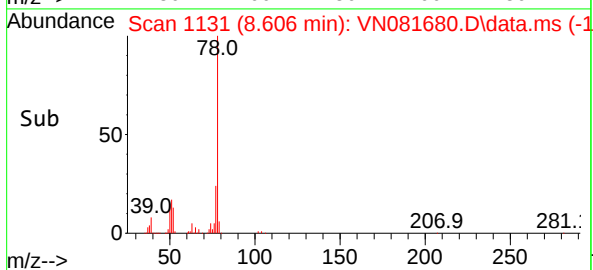
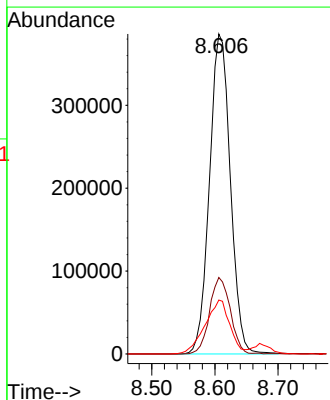
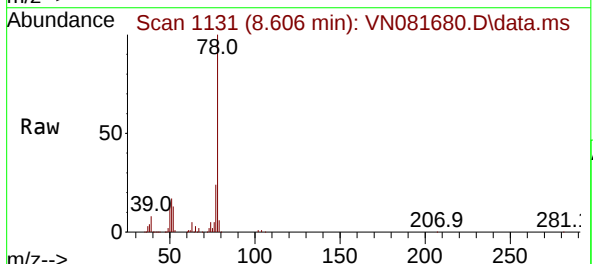
Manual Integrations  
APPROVED

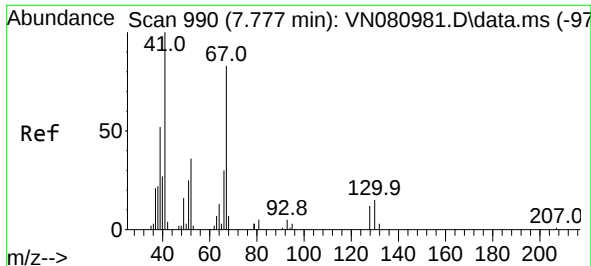
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#34  
Benzene  
Concen: 51.663 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Tgt Ion: 78 Resp: 886494  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.2 28.8  
51 16.7 13.3 19.9





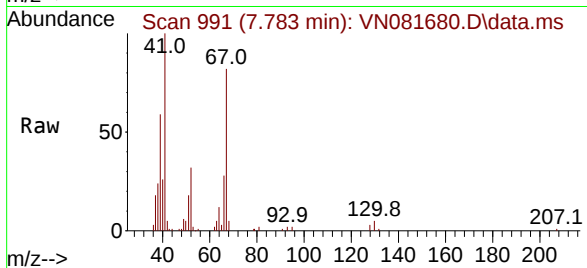
#35  
Methacrylonitrile  
Concen: 53.691 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC050



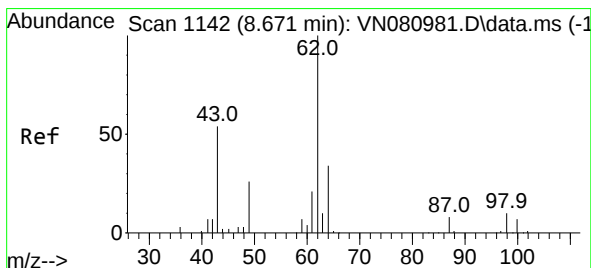
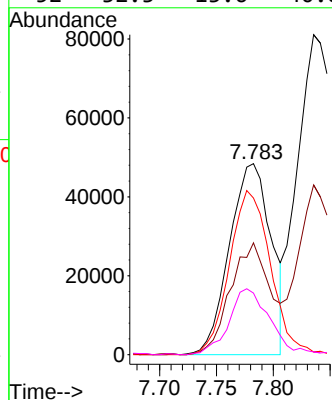
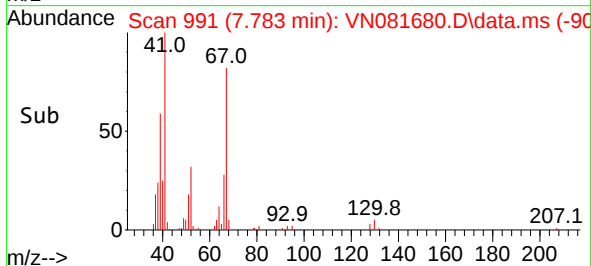
Tgt Ion: 41 Resp: 123715  
Ion Ratio Lower Upper  
41 100  
39 58.6 25.3 75.9  
67 82.0 38.7 116.1  
52 32.3 13.6 40.8

Manual Integrations

APPROVED

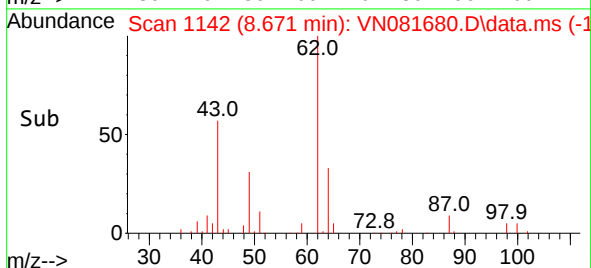
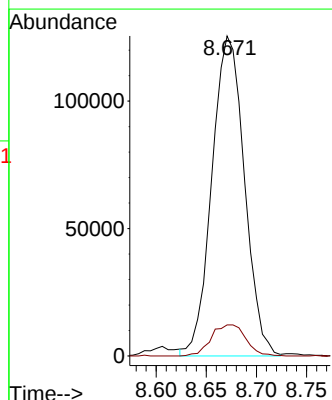
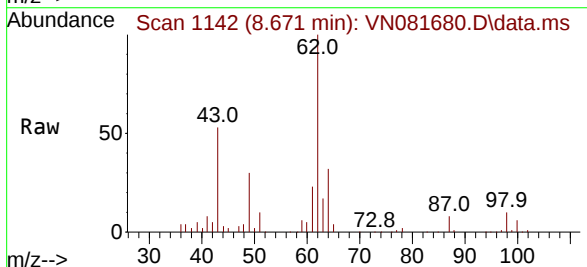
Reviewed By :John Carlone 04/11/2024

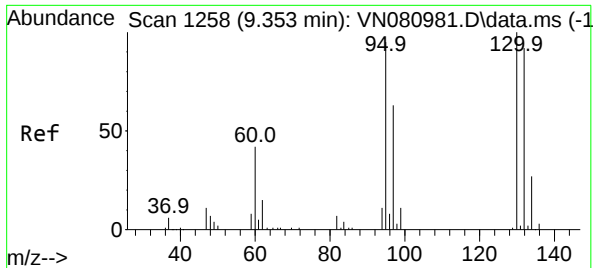
Supervised By :Mahesh Dadoda 04/11/2024



#36  
1,2-Dichloroethane  
Concen: 50.450 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Tgt Ion: 62 Resp: 283946  
Ion Ratio Lower Upper  
62 100  
98 10.3 8.2 12.4





#37

Trichloroethene

Concen: 49.818 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081680.D

Acq: 10 Apr 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC050

Tgt Ion:130 Resp: 226208

Ion Ratio Lower Upper

130 100

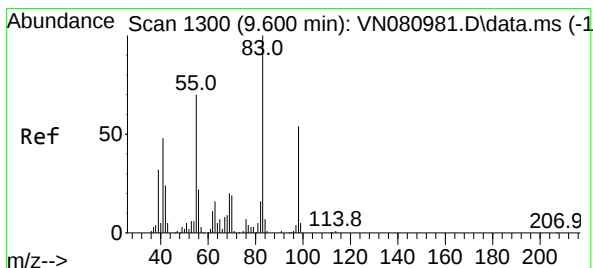
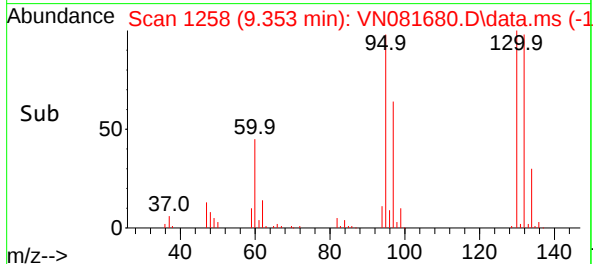
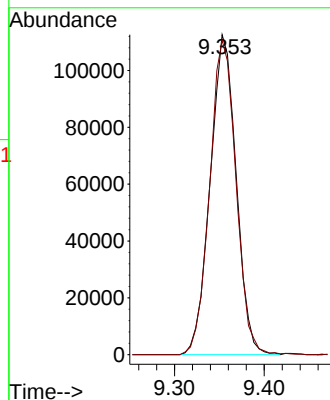
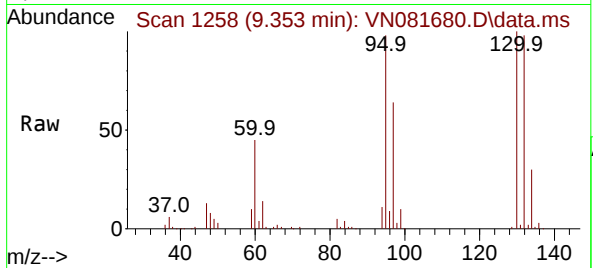
95 98.3 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#38

Methylcyclohexane

Concen: 51.818 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN081680.D

Acq: 10 Apr 2024 14:01

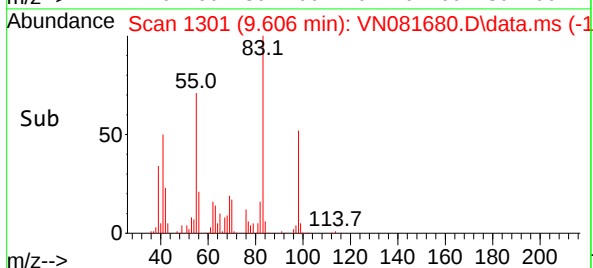
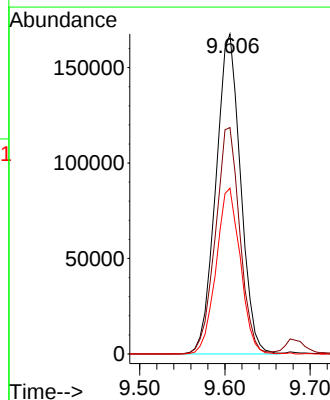
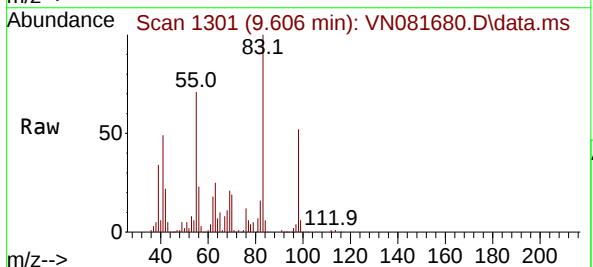
Tgt Ion: 83 Resp: 337364

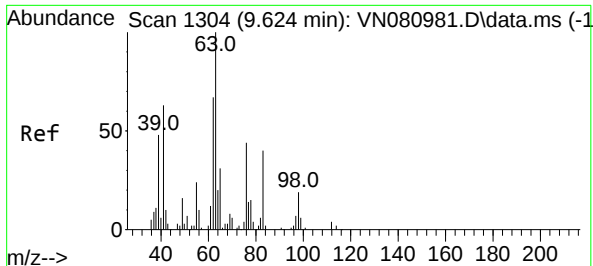
Ion Ratio Lower Upper

83 100

55 70.2 36.6 109.9

98 51.0 23.8 71.5





#39

1,2-Dichloropropane

Concen: 51.481 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081680.D

Acq: 10 Apr 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 206084

Ion Ratio Lower Upper

63 100

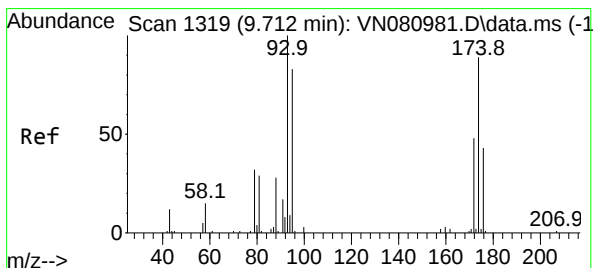
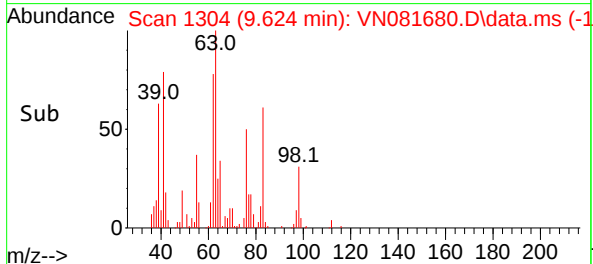
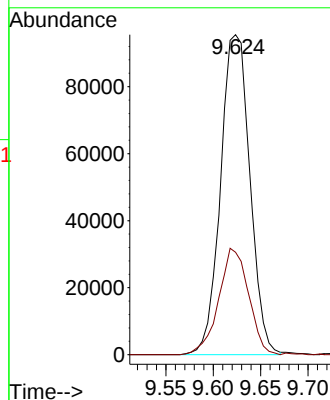
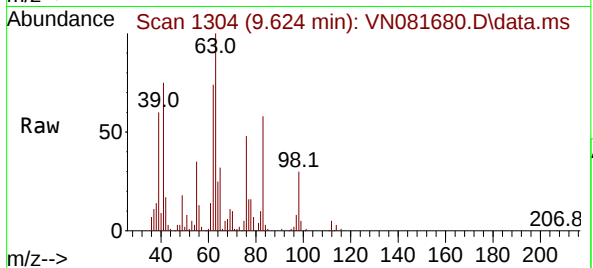
65 32.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#40

Dibromomethane

Concen: 51.386 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081680.D

Acq: 10 Apr 2024 14:01

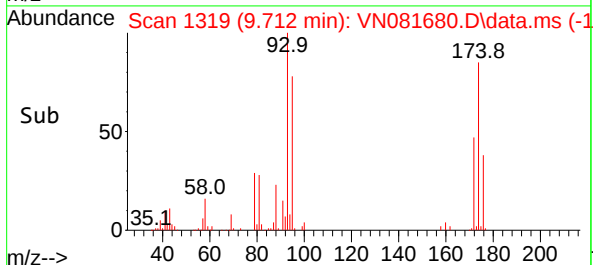
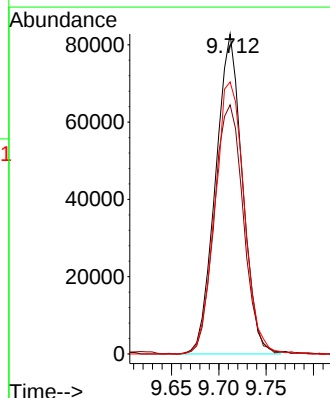
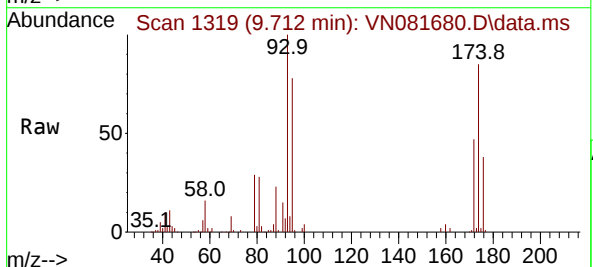
Tgt Ion: 93 Resp: 163858

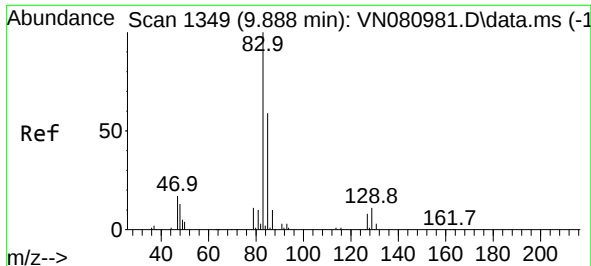
Ion Ratio Lower Upper

93 100

95 83.7 0.0 164.6

174 91.6 0.0 193.2





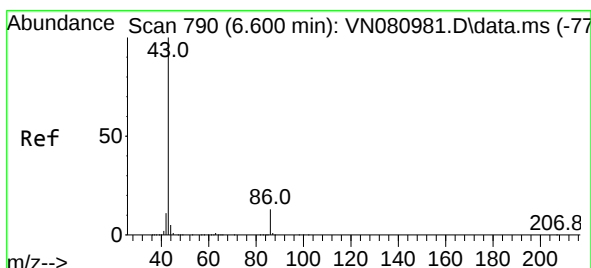
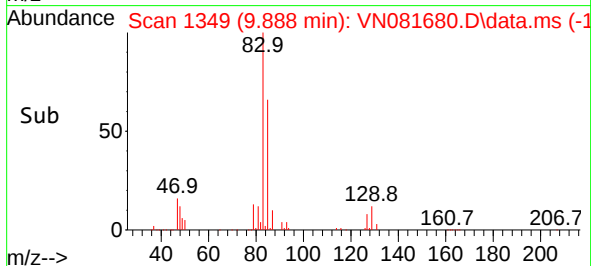
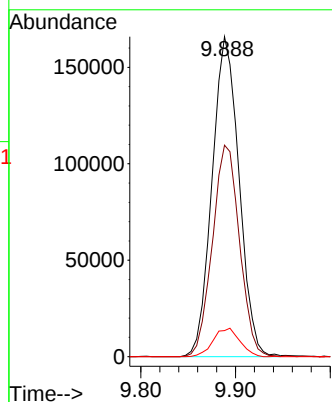
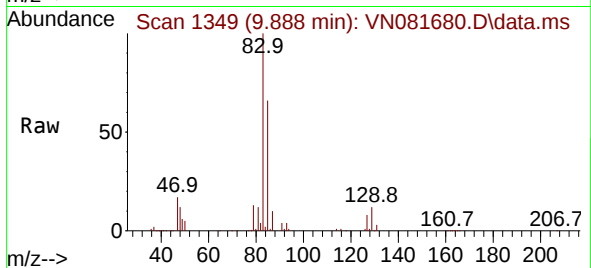
#41  
Bromodichloromethane  
Concen: 50.527 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050

Tgt Ion: 83 Resp: 32855  
Ion Ratio Lower Upper  
83 100  
85 66.1 49.4 74.2  
127 8.1 7.3 10.9

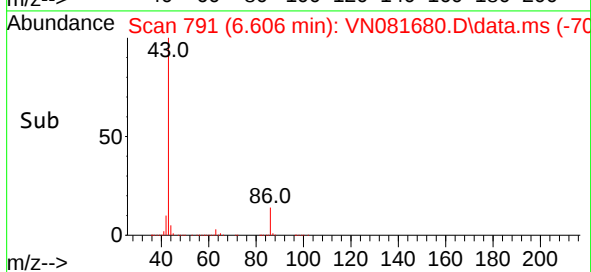
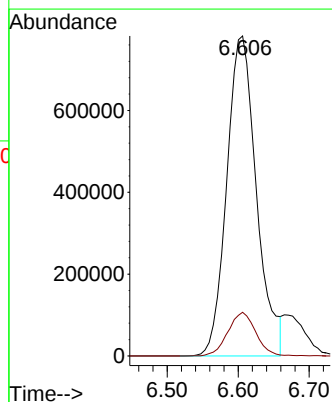
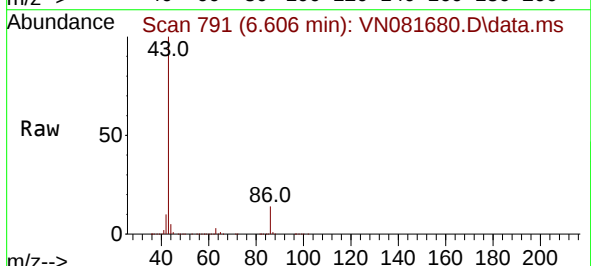
Manual Integrations  
APPROVED

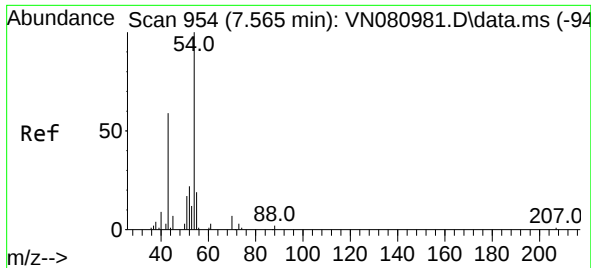
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#42  
Vinyl Acetate  
Concen: 268.304 ug/l  
RT: 6.606 min Scan# 791  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

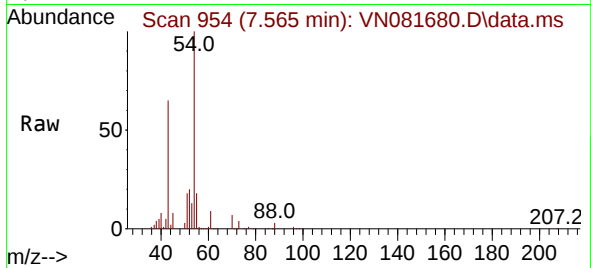
Tgt Ion: 43 Resp: 2273749  
Ion Ratio Lower Upper  
43 100  
86 12.8 9.4 14.2





#43  
Ethyl Acetate  
Concen: 50.680 ug/l m  
RT: 7.565 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

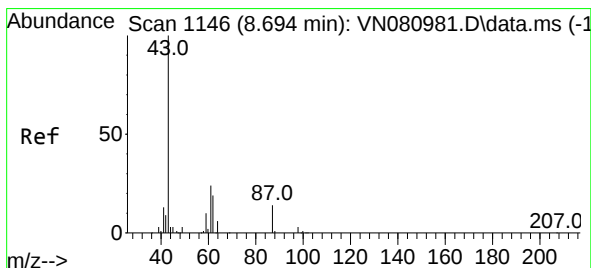
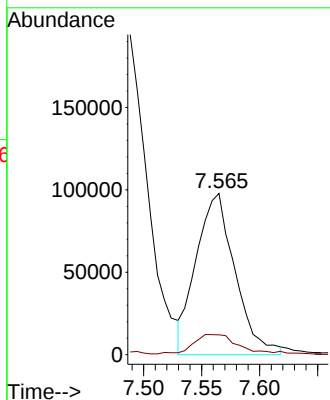
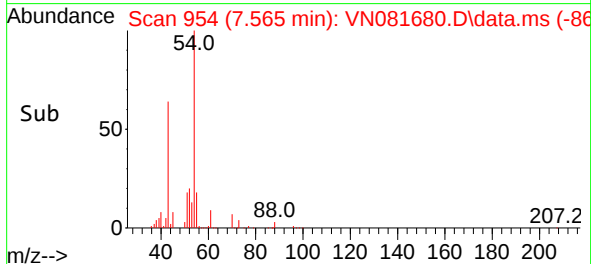
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050



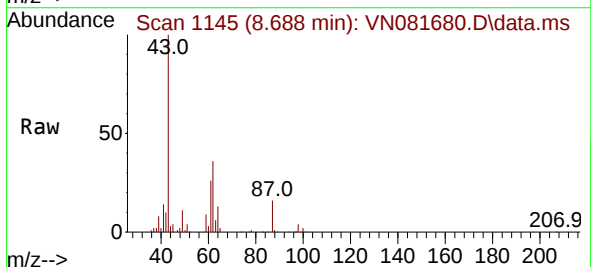
Tgt Ion: 43 Resp: 22791  
Ion Ratio Lower Upper  
43 100  
45 0.0 10.6 15.8

Manual Integrations  
APPROVED

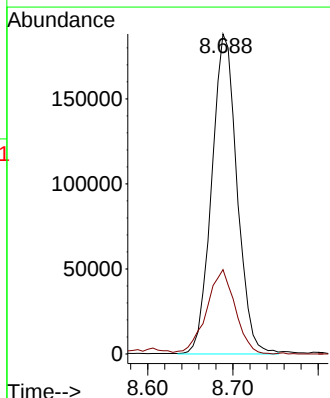
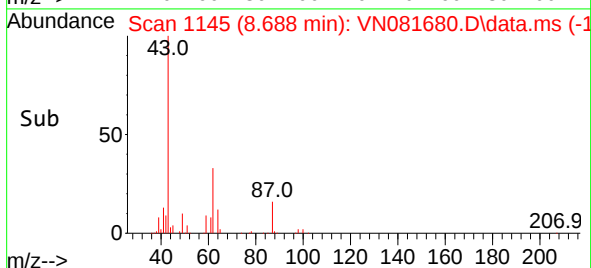
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

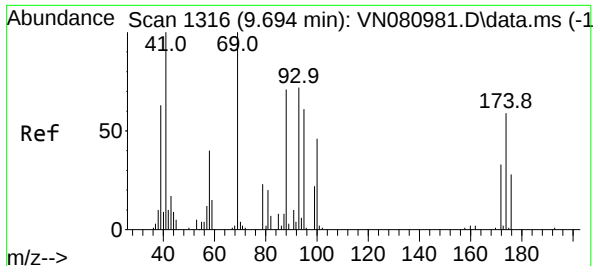


#44  
Isopropyl Acetate  
Concen: 51.680 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01



Tgt Ion: 43 Resp: 388233  
Ion Ratio Lower Upper  
43 100  
61 29.9 25.0 37.4





#45

1,4-Dioxane

Concen: 1072.986 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN081680.D

Acq: 10 Apr 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC050

Tgt Ion: 88 Resp: 88979

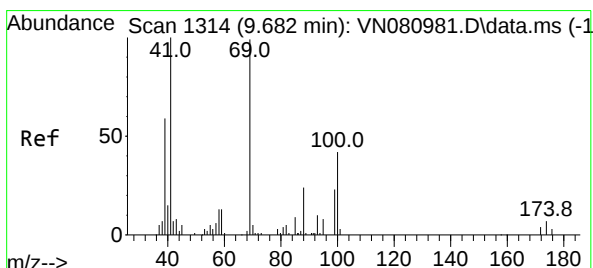
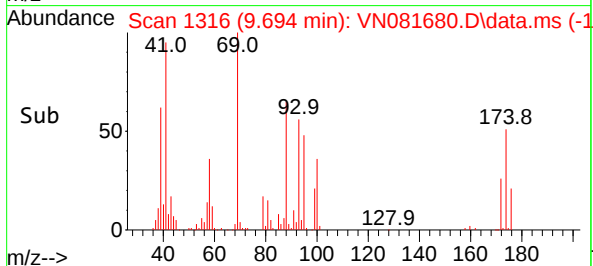
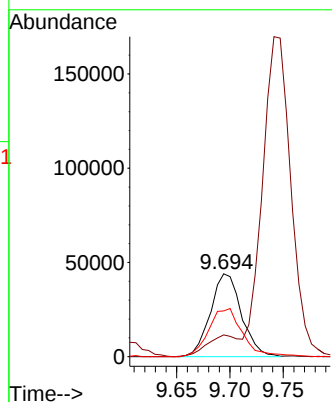
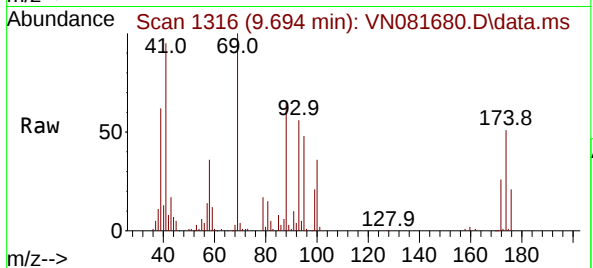
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 28.2  | 19.8  | 29.6  |
| 58  | 63.7  | 55.4  | 83.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#46

Methyl methacrylate

Concen: 53.680 ug/l

RT: 9.682 min Scan# 1314

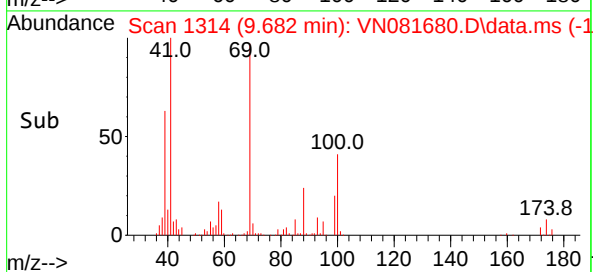
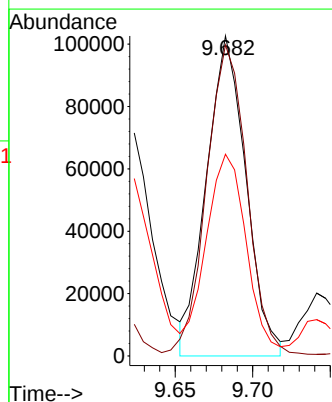
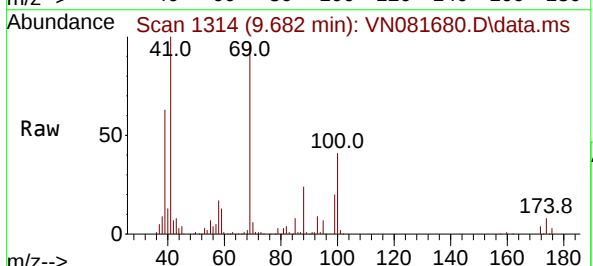
Delta R.T. -0.000 min

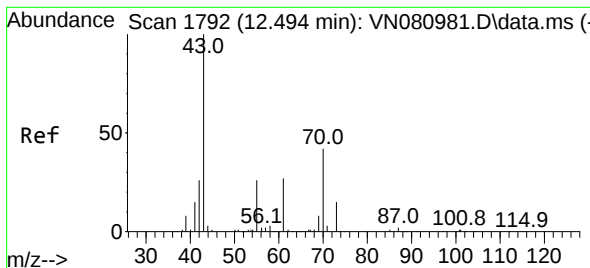
Lab File: VN081680.D

Acq: 10 Apr 2024 14:01

Tgt Ion: 41 Resp: 181342

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 98.6  | 51.1  | 153.3 |
| 39  | 63.0  | 25.8  | 77.3  |





#47

n-amy1 Acetate

Concen: 52.934 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081680.D

Acq: 10 Apr 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 356818

Ion Ratio Lower Upper

43 100

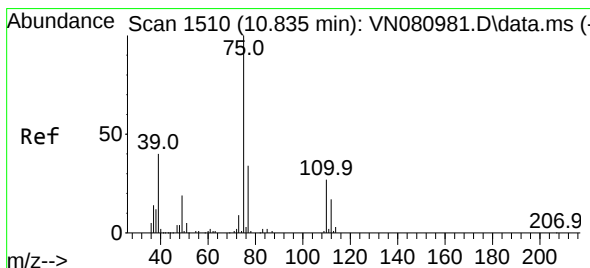
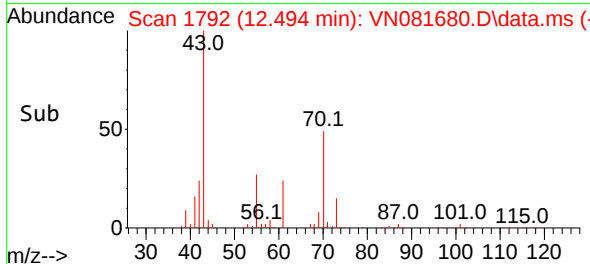
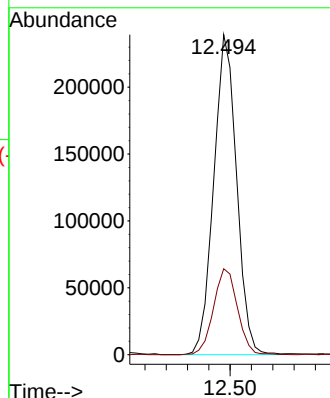
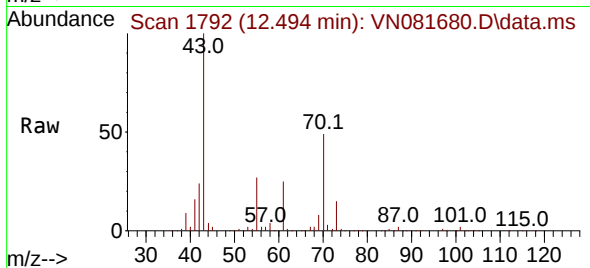
55 28.1 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#48

t-1,3-Dichloropropene

Concen: 51.776 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.006 min

Lab File: VN081680.D

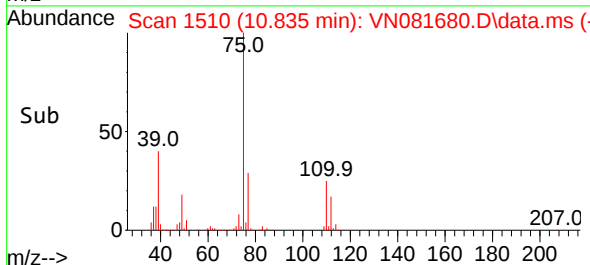
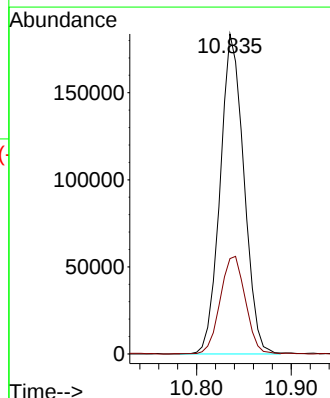
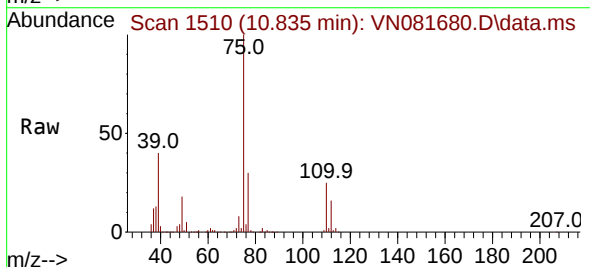
Acq: 10 Apr 2024 14:01

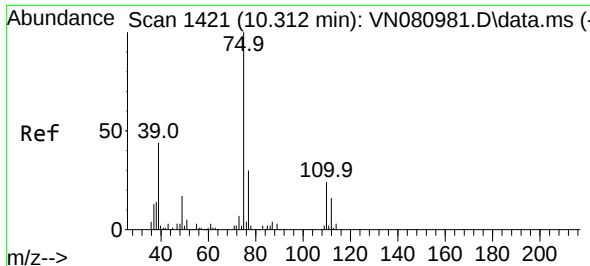
Tgt Ion: 75 Resp: 320759

Ion Ratio Lower Upper

75 100

77 29.7 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 51.851 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN081680.D

Acq: 10 Apr 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC050

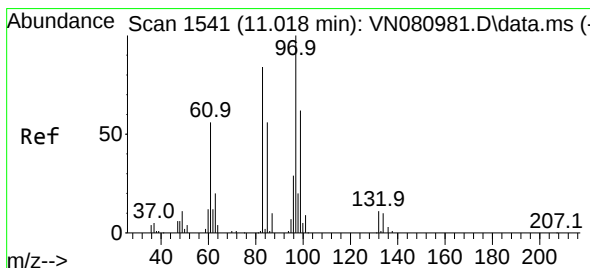
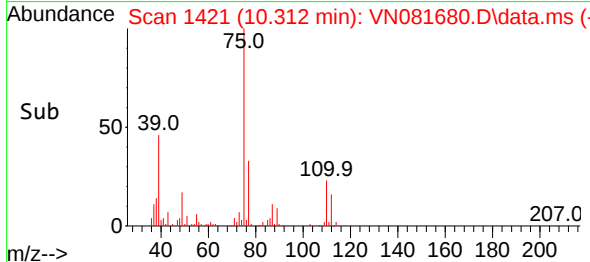
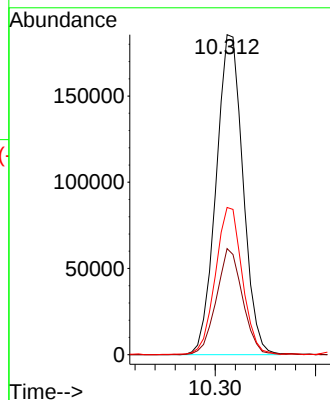
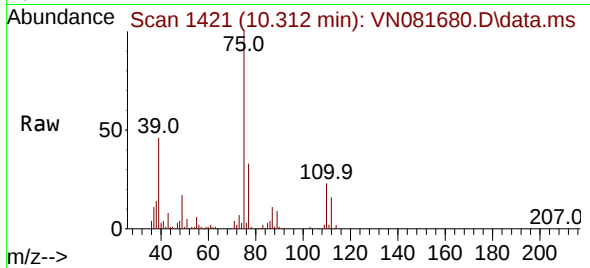
|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 34592 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 33.2     | 24.9 37.3   |
| 39 45.9     | 31.0 46.6   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#50

1,1,2-Trichloroethane

Concen: 50.998 ug/l

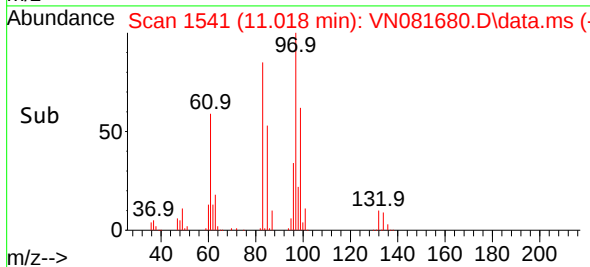
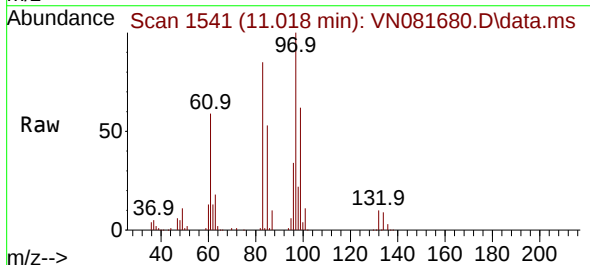
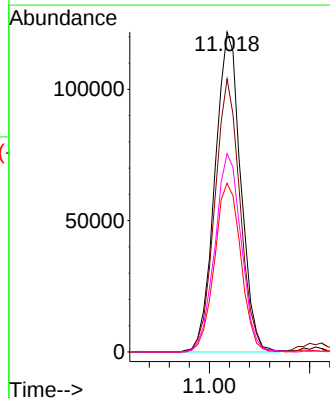
RT: 11.018 min Scan# 1541

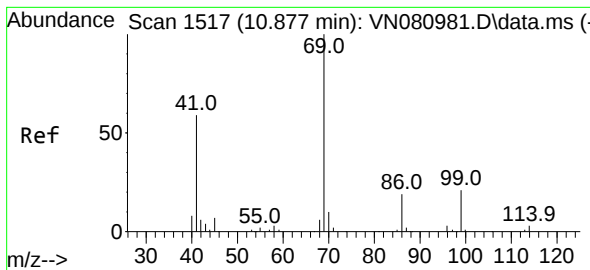
Delta R.T. 0.000 min

Lab File: VN081680.D

Acq: 10 Apr 2024 14:01

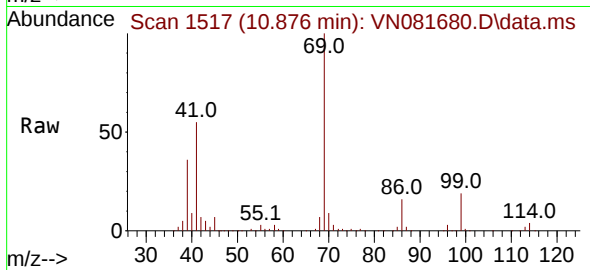
|             |              |
|-------------|--------------|
| Tgt Ion: 97 | Resp: 217752 |
| Ion Ratio   | Lower Upper  |
| 97 100      |              |
| 83 85.4     | 68.1 102.1   |
| 85 52.7     | 41.8 62.6    |
| 99 62.0     | 47.0 70.4    |





#51  
Ethyl methacrylate  
Concen: 53.371 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

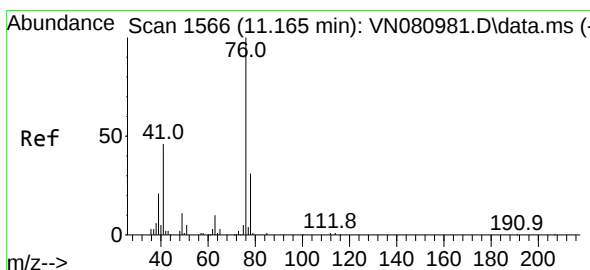
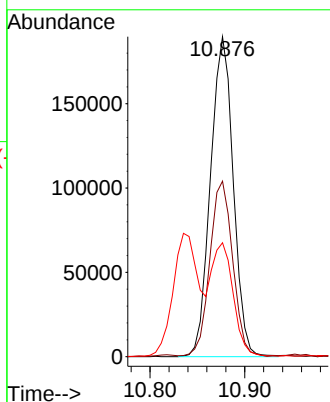
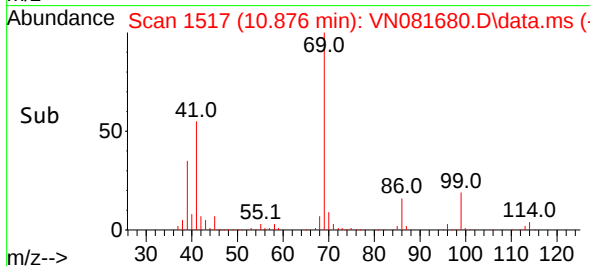
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050



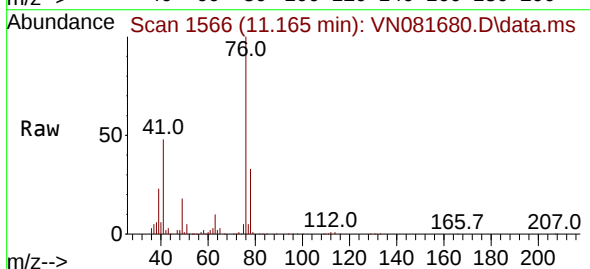
Tgt Ion: 69 Resp: 31730  
Ion Ratio Lower Upper  
69 100  
41 54.6 25.5 76.5  
39 35.5 16.0 47.9

Manual Integrations  
APPROVED

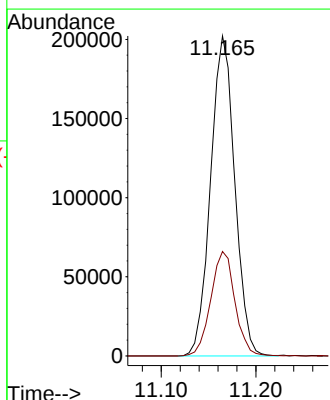
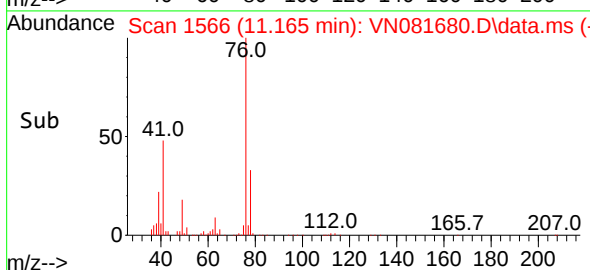
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

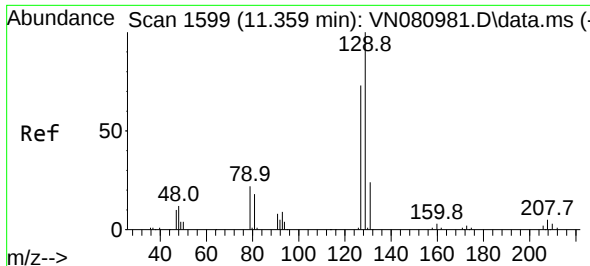


#52  
1,3-Dichloropropane  
Concen: 51.277 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01



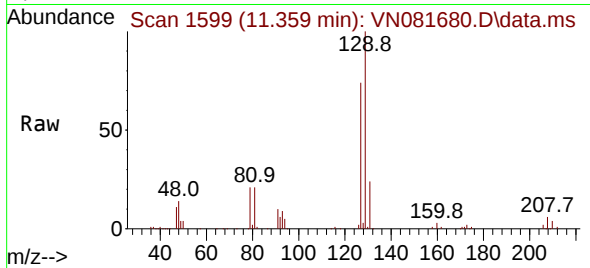
Tgt Ion: 76 Resp: 358870  
Ion Ratio Lower Upper  
76 100  
78 32.5 0.0 65.8





#53  
Dibromochloromethane  
Concen: 51.687 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

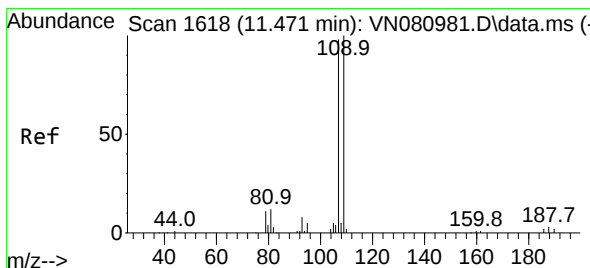
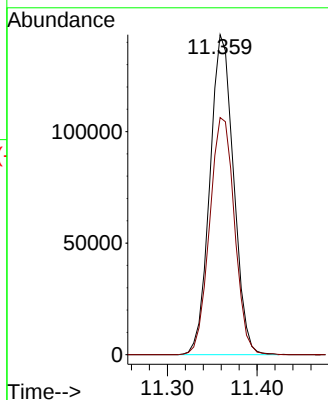
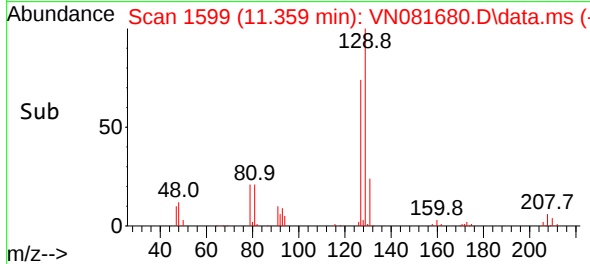
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



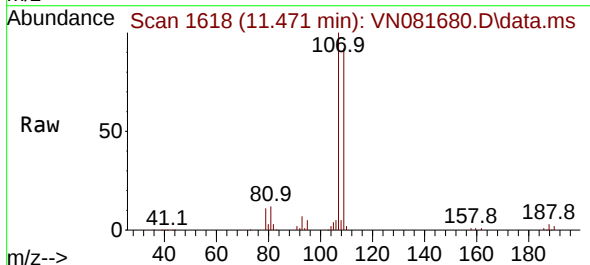
Tgt Ion:129 Resp: 263620  
Ion Ratio Lower Upper  
129 100  
127 77.6 39.4 118.1

Manual Integrations  
APPROVED

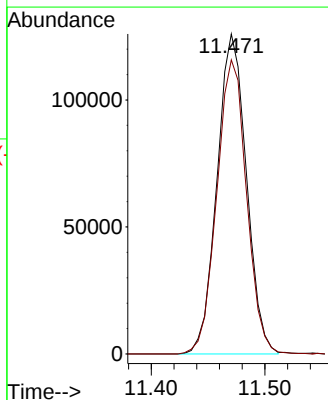
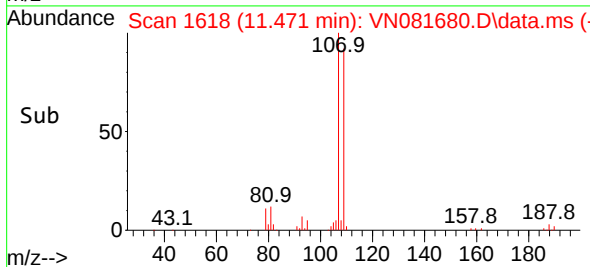
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

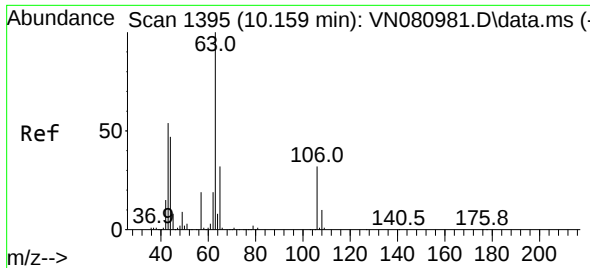


#54  
1,2-Dibromoethane  
Concen: 51.280 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01



Tgt Ion:107 Resp: 226323  
Ion Ratio Lower Upper  
107 100  
109 93.0 74.7 112.1





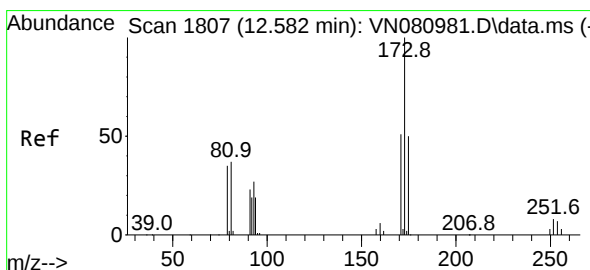
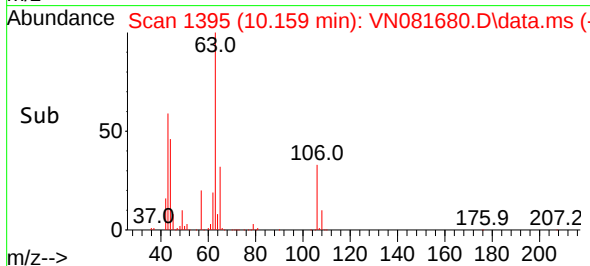
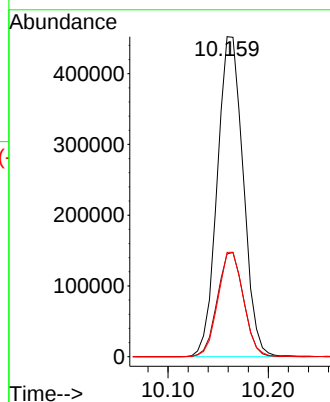
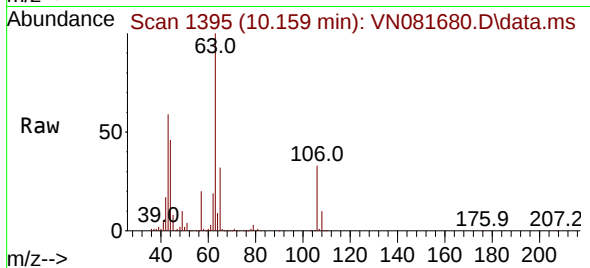
#55  
2-Chloroethyl vinyl ether  
Concen: 278.723 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

Tgt Ion: 63 Resp: 813739  
Ion Ratio Lower Upper  
63 100  
65 32.7 26.2 39.2  
106 32.1 23.8 35.8

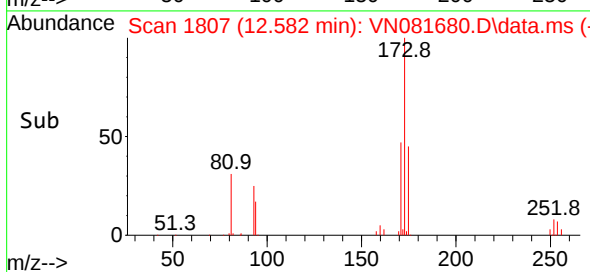
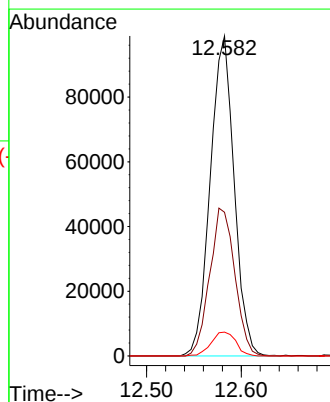
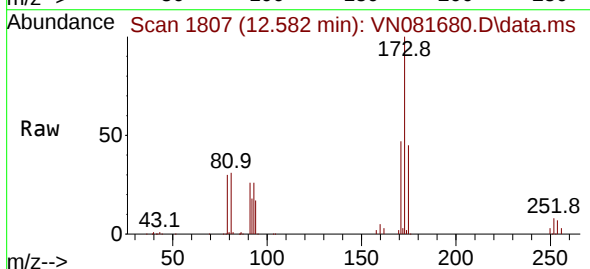
Manual Integrations  
APPROVED

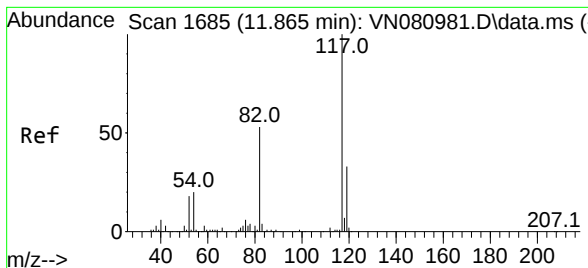
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#56  
Bromoform  
Concen: 53.084 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

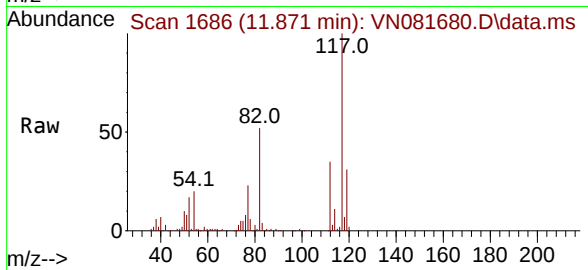
Tgt Ion:173 Resp: 173128  
Ion Ratio Lower Upper  
173 100  
175 48.5 40.0 60.0  
254 7.7 8.3 12.5#





#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

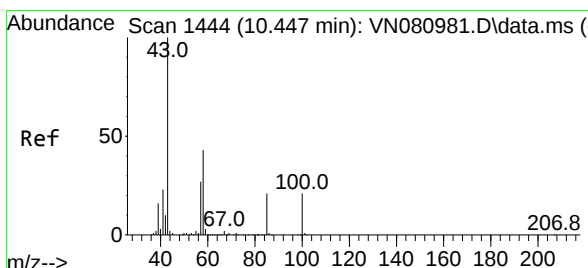
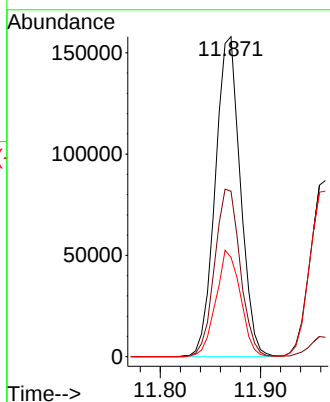
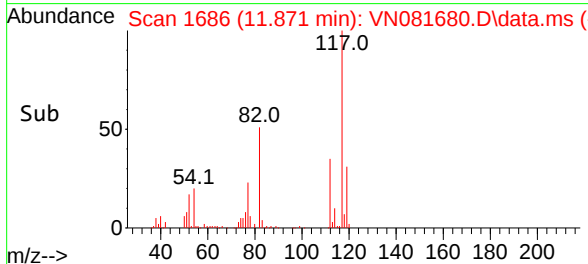
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



Tgt Ion: 117 Resp: 27464  
Ion Ratio Lower Upper  
117 100  
82 53.5 46.6 69.8  
119 32.6 25.4 38.2

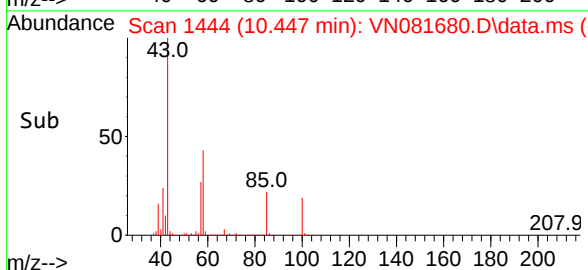
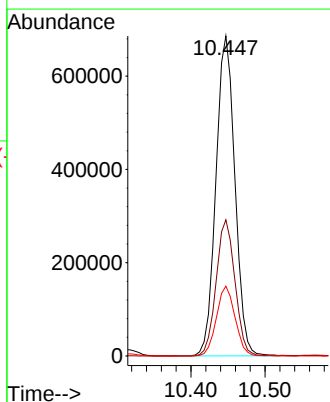
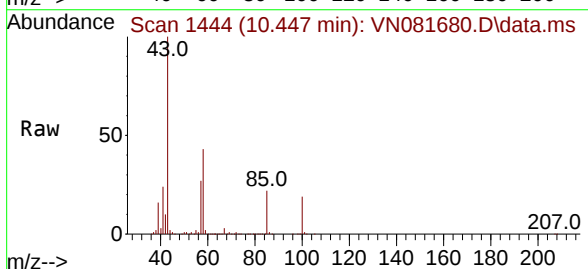
Manual Integrations  
APPROVED

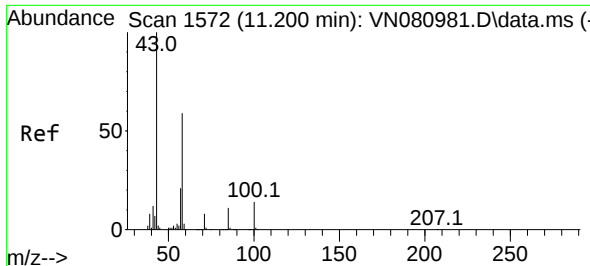
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#58  
4-Methyl-2-Pentanone  
Concen: 258.355 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

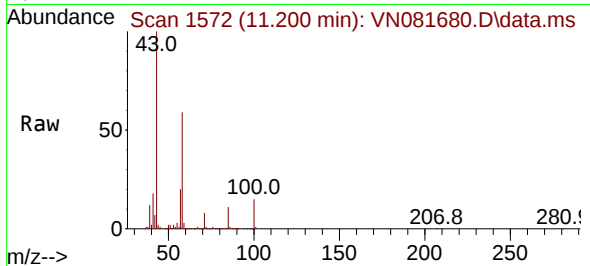
Tgt Ion: 43 Resp: 1220226  
Ion Ratio Lower Upper  
43 100  
58 42.2 36.5 54.7  
85 21.5 19.5 29.3





#59  
2-Hexanone  
Concen: 266.195 ug/l  
RT: 11.200 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

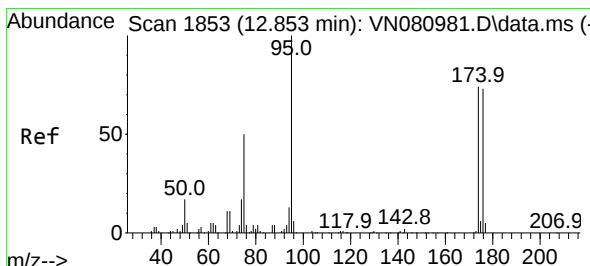
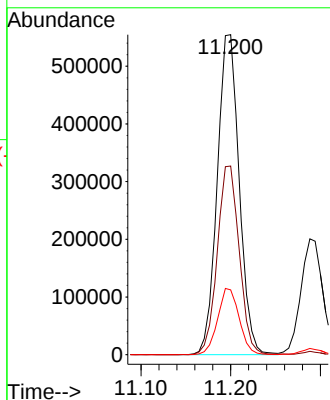
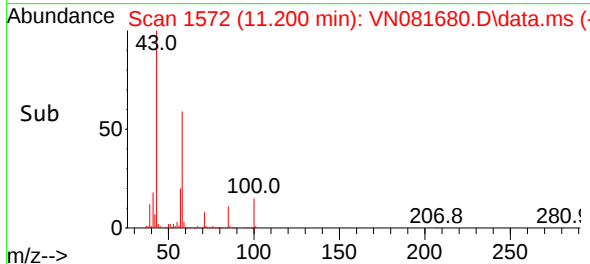
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



Tgt Ion: 43 Resp: 94420  
Ion Ratio Lower Upper  
43 100  
58 58.7 50.4 75.6  
57 20.3 18.6 27.8

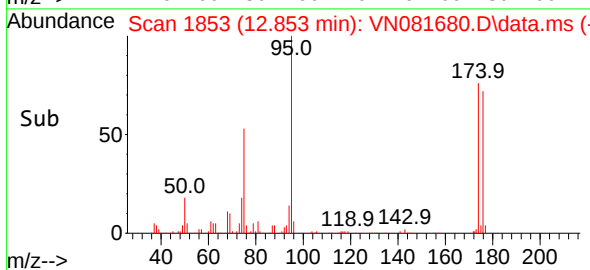
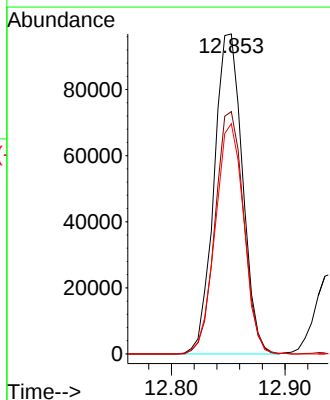
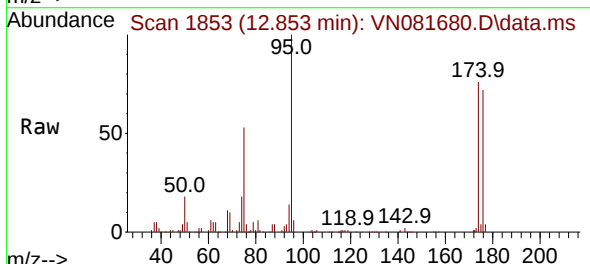
Manual Integrations  
APPROVED

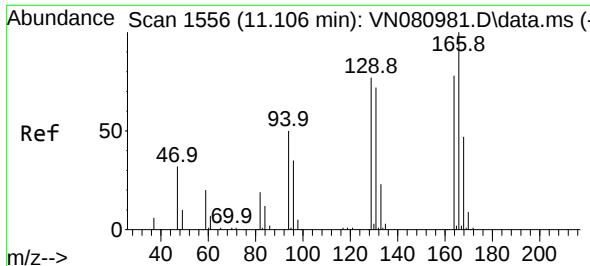
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#60  
4-Bromofluorobenzene  
Concen: 31.155 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

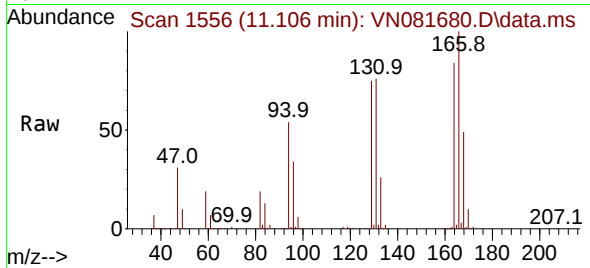
Tgt Ion: 95 Resp: 168226  
Ion Ratio Lower Upper  
95 100  
174 76.1 60.5 90.7  
176 72.4 57.8 86.6





#61  
Tetrachloroethene  
Concen: 51.204 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

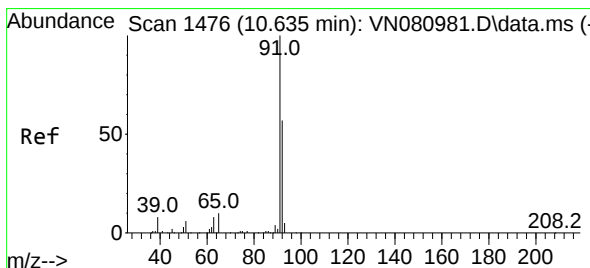
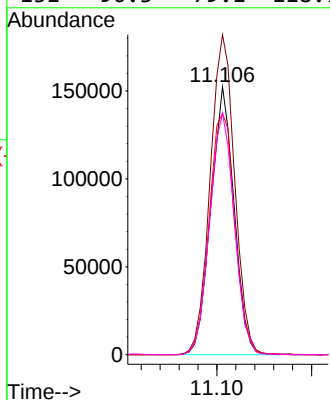
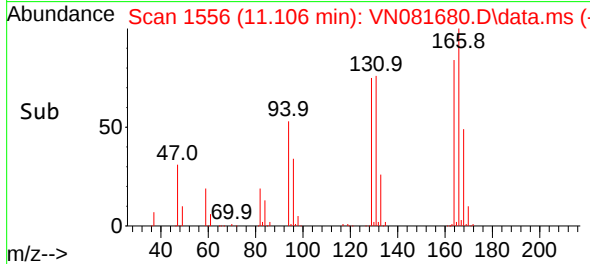
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



Tgt Ion:164 Resp: 260579  
Ion Ratio Lower Upper  
164 100  
166 119.4 106.7 160.1  
129 90.2 85.8 128.6  
131 90.3 79.1 118.7

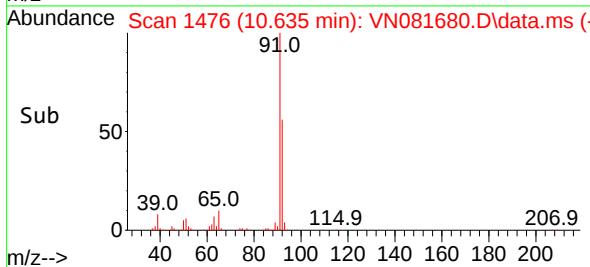
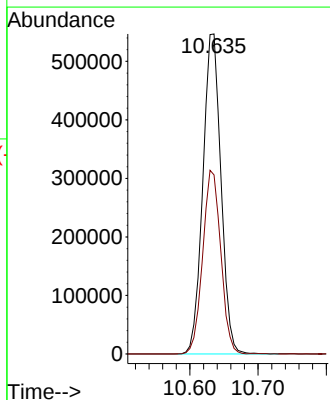
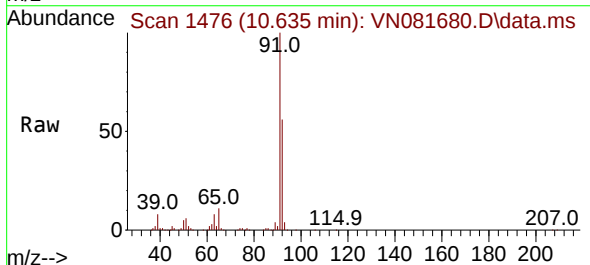
Manual Integrations  
APPROVED

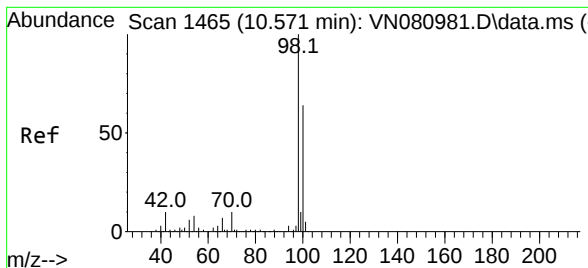
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#62  
Toluene  
Concen: 50.601 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Tgt Ion: 91 Resp: 1011061  
Ion Ratio Lower Upper  
91 100  
92 57.1 46.5 69.7





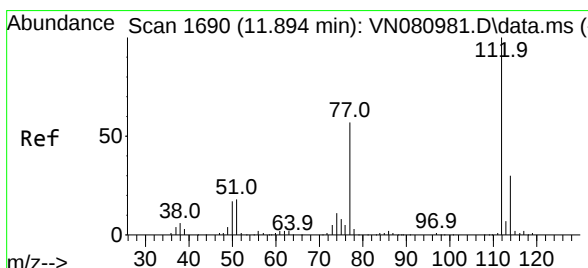
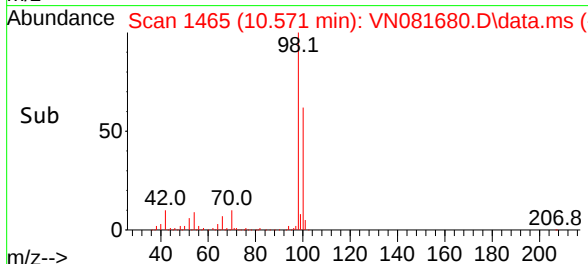
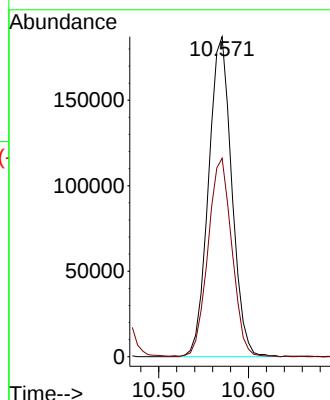
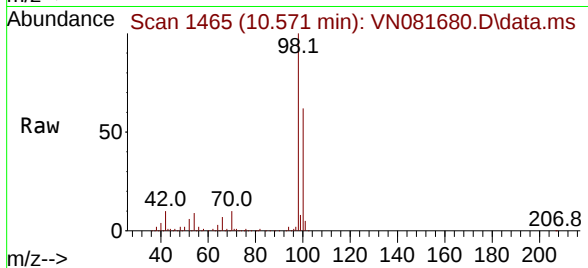
#63  
Toluene-d8  
Concen: 30.580 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

Tgt Ion: 98 Resp: 33688  
Ion Ratio Lower Upper  
98 100  
100 63.5 52.7 79.1

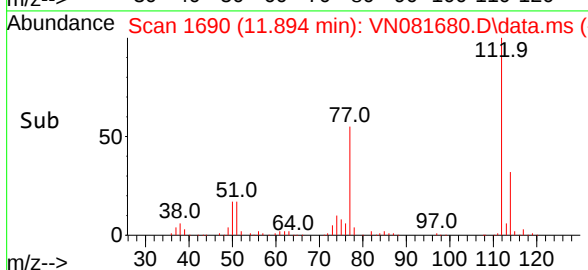
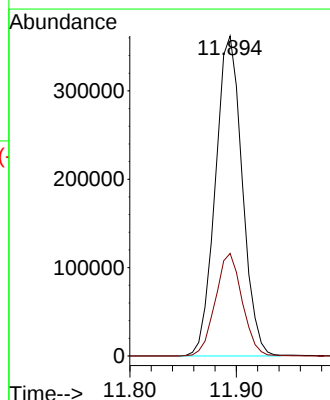
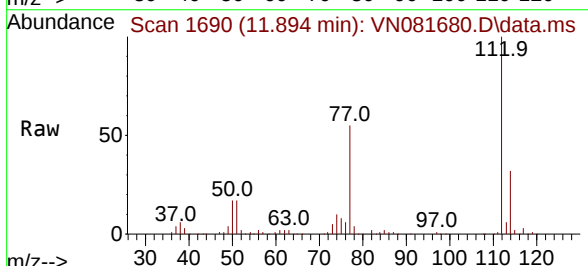
Manual Integrations  
APPROVED

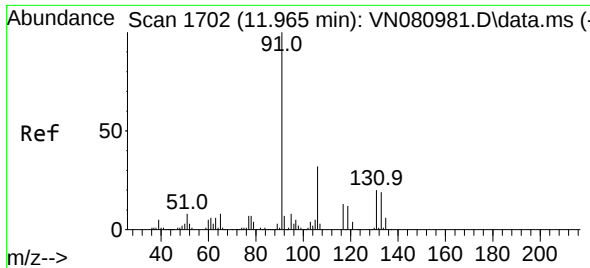
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#64  
Chlorobenzene  
Concen: 50.010 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Tgt Ion:112 Resp: 633623  
Ion Ratio Lower Upper  
112 100  
114 32.1 26.6 39.8





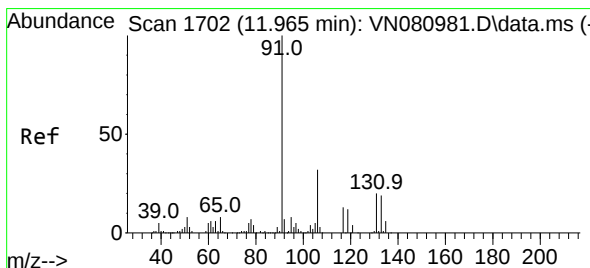
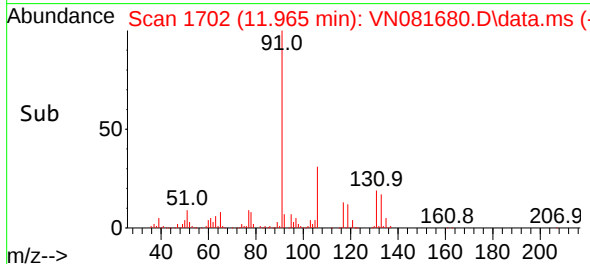
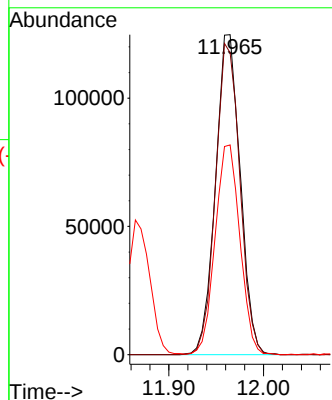
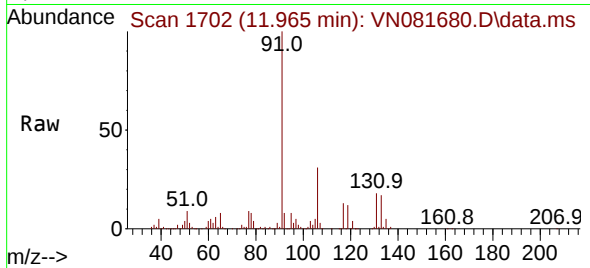
#65  
1,1,1,2-Tetrachloroethane  
Concen: 49.275 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050

Tgt Ion:131 Resp: 22678  
Ion Ratio Lower Upper  
131 100  
133 95.8 0.0 188.0  
119 65.1 0.0 122.8

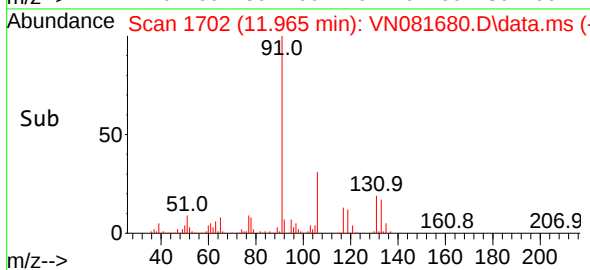
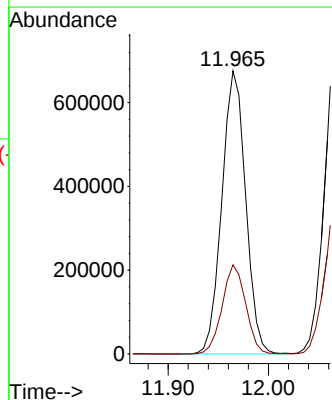
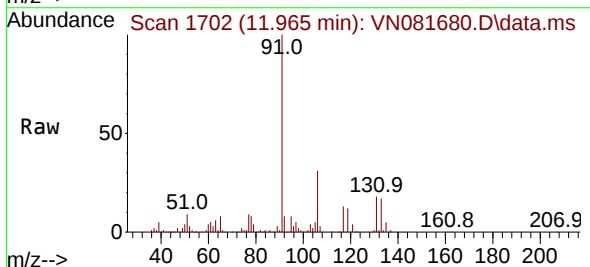
Manual Integrations  
APPROVED

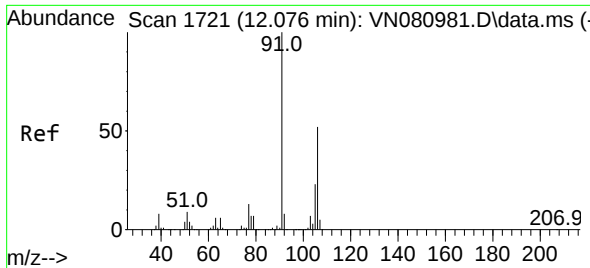
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#66  
Ethyl Benzene  
Concen: 52.387 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Tgt Ion: 91 Resp: 1112903  
Ion Ratio Lower Upper  
91 100  
106 31.5 24.4 36.6





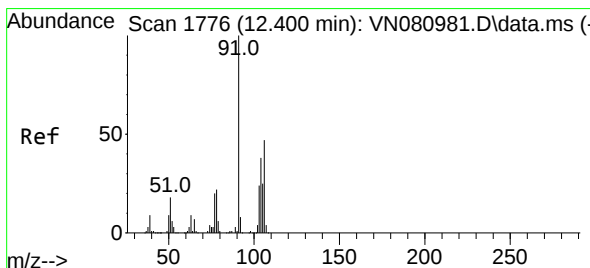
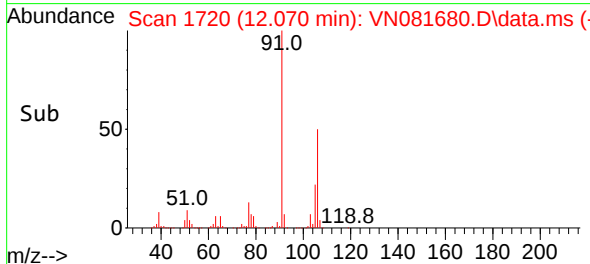
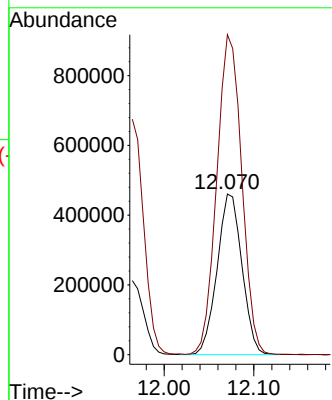
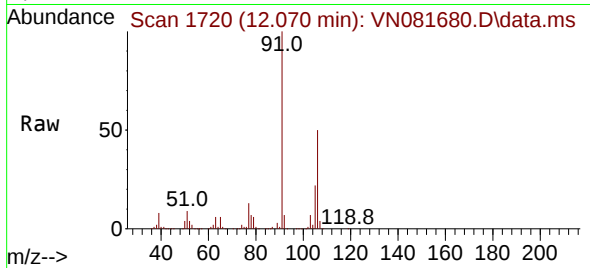
#67  
m/p-Xylenes  
Concen: 105.235 ug/l  
RT: 12.070 min Scan# 1721  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050

Tgt Ion:106 Resp: 88553  
Ion Ratio Lower Upper  
106 100  
91 200.1 166.6 249.8

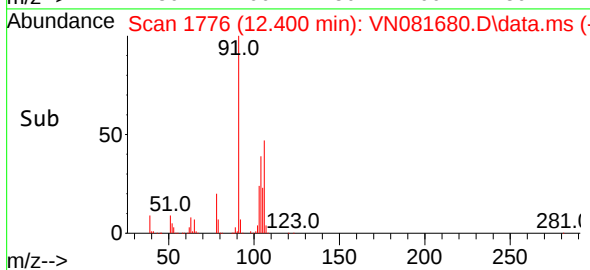
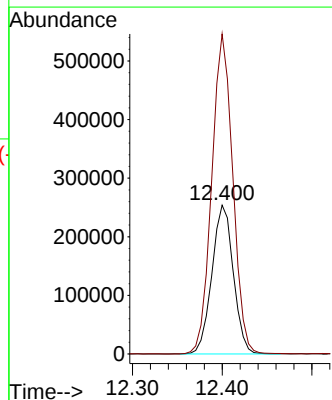
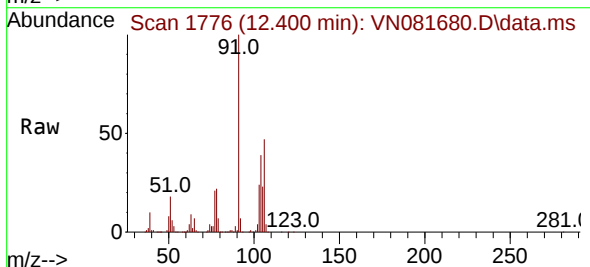
Manual Integrations  
APPROVED

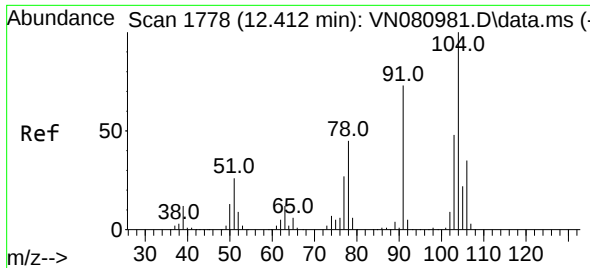
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#68  
o-Xylene  
Concen: 52.700 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Tgt Ion:106 Resp: 420992  
Ion Ratio Lower Upper  
106 100  
91 211.7 110.0 330.0





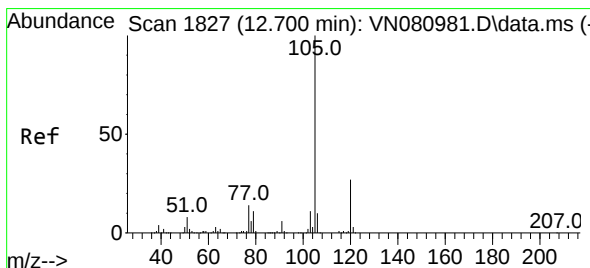
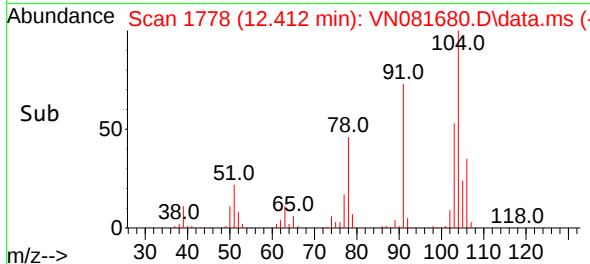
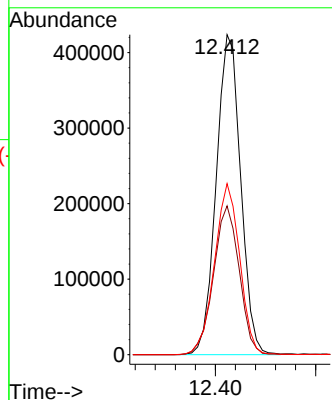
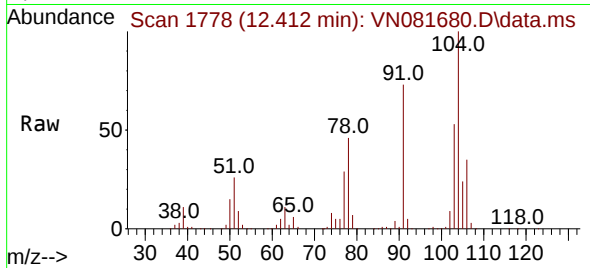
#69  
Styrene  
Concen: 52.769 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

Tgt Ion:104 Resp: 717900  
Ion Ratio Lower Upper  
104 100  
78 48.8 42.6 64.0  
103 55.3 43.7 65.5

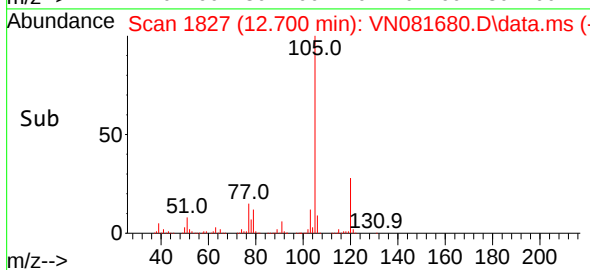
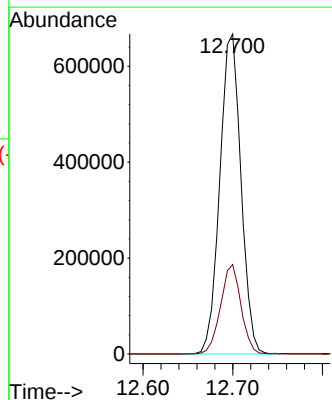
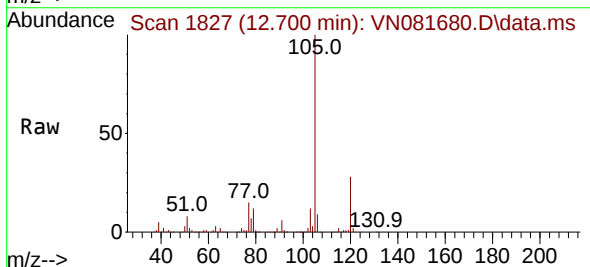
Manual Integrations  
APPROVED

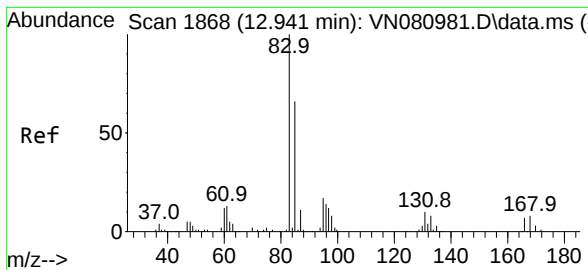
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#70  
Isopropylbenzene  
Concen: 52.969 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. 0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

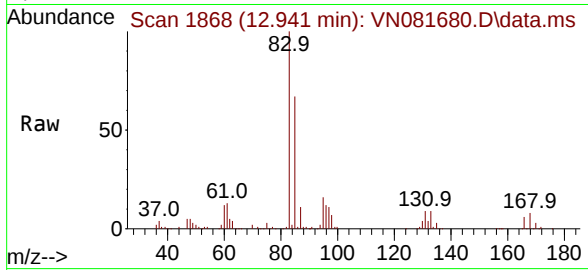
Tgt Ion:105 Resp: 1091632  
Ion Ratio Lower Upper  
105 100  
120 26.9 17.8 33.1





#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 49.300 ug/l  
 RT: 12.941 min Scan# 1868  
 Delta R.T. -0.000 min  
 Lab File: VN081680.D  
 Acq: 10 Apr 2024 14:01

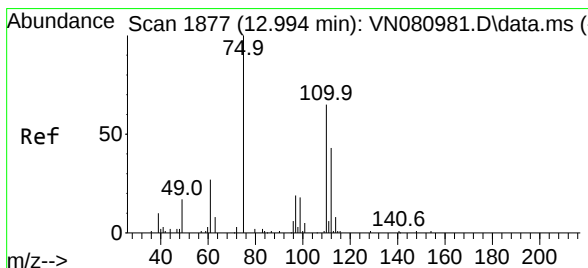
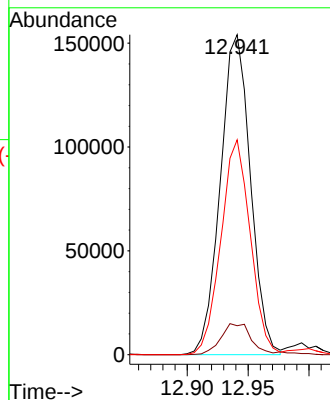
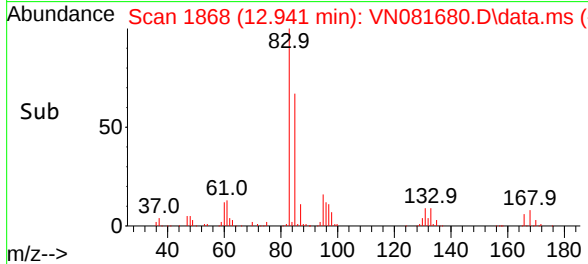
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050



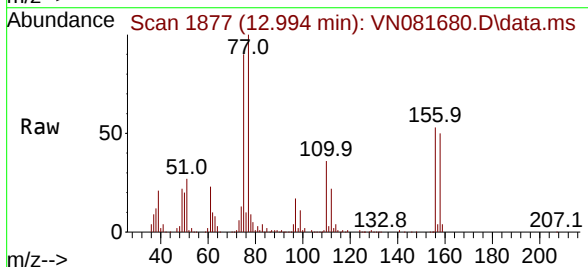
Tgt Ion: 83 Resp: 265408  
 Ion Ratio Lower Upper  
 83 100  
 131 9.7 5.2 15.6  
 85 65.4 32.3 96.8

Manual Integrations  
 APPROVED

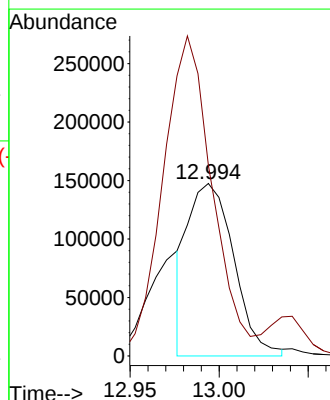
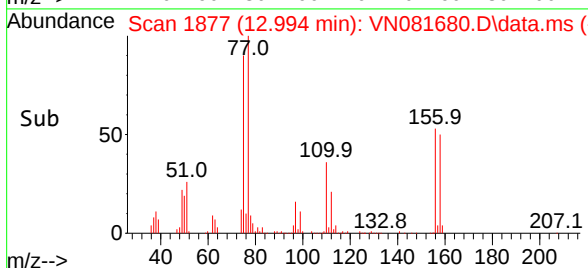
Reviewed By :John Carlone 04/11/2024  
 Supervised By :Mahesh Dadoda 04/11/2024

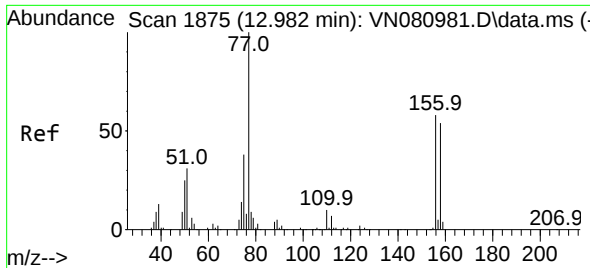


#72  
 1,2,3-Trichloropropane  
 Concen: 34.727 ug/l m  
 RT: 12.994 min Scan# 1877  
 Delta R.T. -0.000 min  
 Lab File: VN081680.D  
 Acq: 10 Apr 2024 14:01



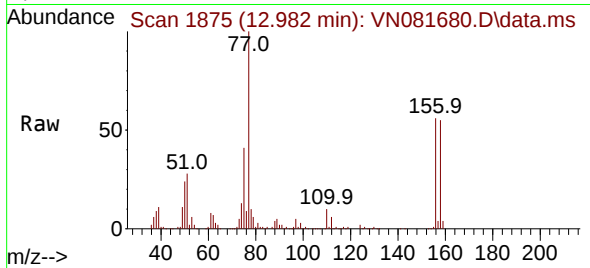
Tgt Ion: 75 Resp: 263657  
 Ion Ratio Lower Upper  
 75 100  
 77 199.7 0.0 367.6





#73  
Bromobenzene  
Concen: 51.063 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

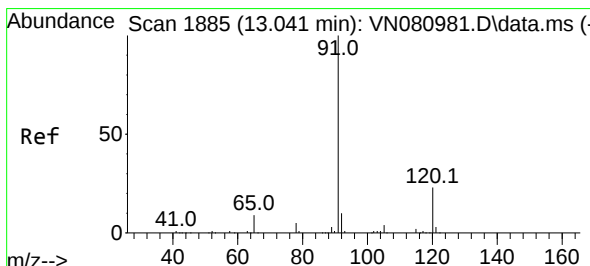
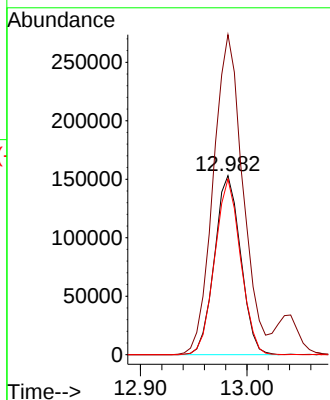
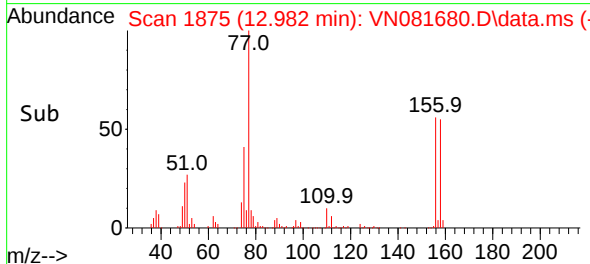
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



Tgt Ion: 156 Resp: 26076  
Ion Ratio Lower Upper  
156 100  
77 201.9 0.0 437.6  
158 97.1 0.0 203.8

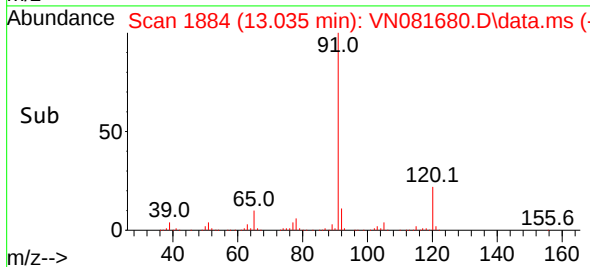
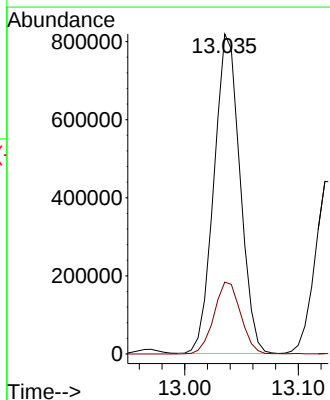
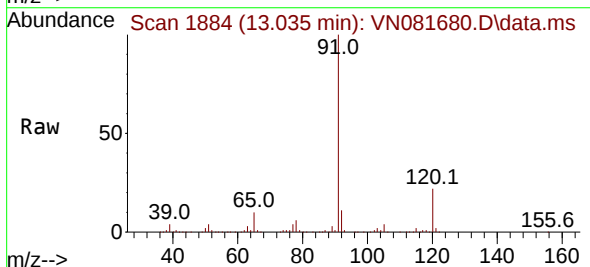
Manual Integrations  
APPROVED

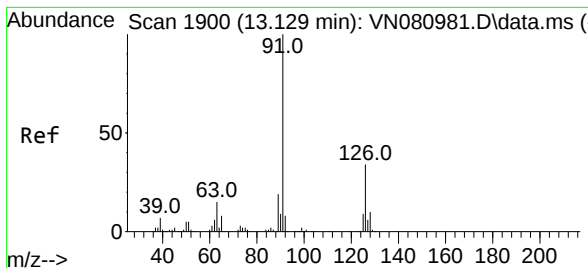
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#74  
n-propylbenzene  
Concen: 52.797 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Tgt Ion: 91 Resp: 1303209  
Ion Ratio Lower Upper  
91 100  
120 23.1 0.0 43.8





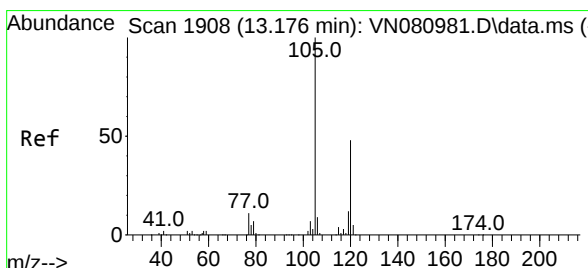
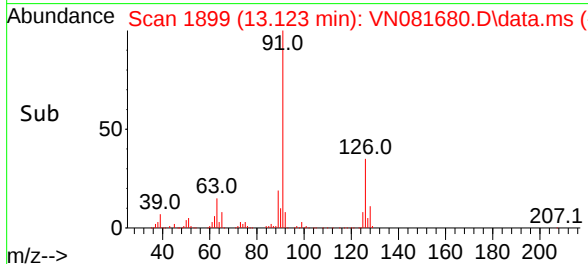
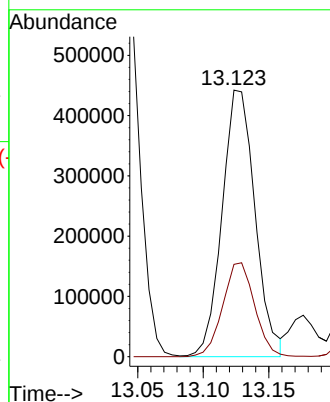
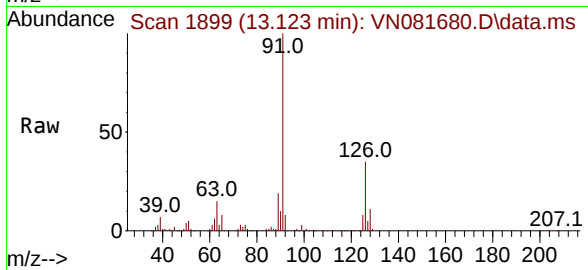
#75  
2-Chlorotoluene  
Concen: 52.632 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050

Tgt Ion: 91 Resp: 77353  
Ion Ratio Lower Upper  
91 100  
126 34.2 0.0 61.2

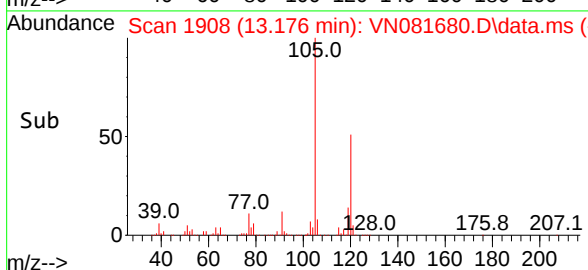
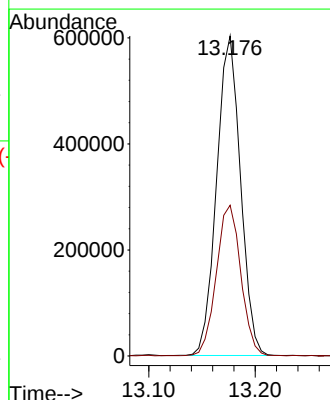
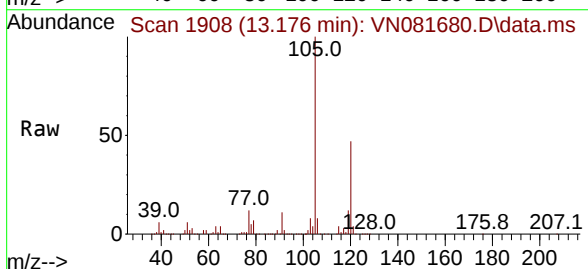
Manual Integrations  
APPROVED

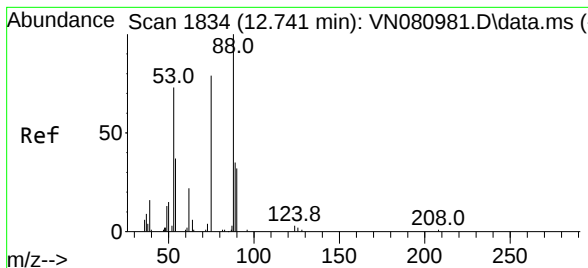
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#76  
1,3,5-Trimethylbenzene  
Concen: 53.485 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

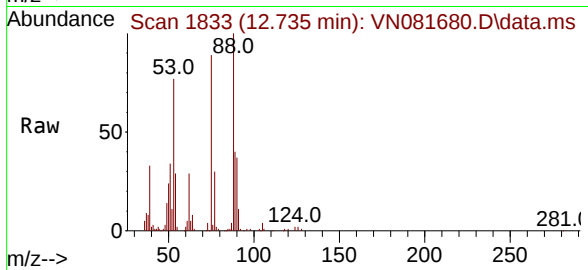
Tgt Ion:105 Resp: 935585  
Ion Ratio Lower Upper  
105 100  
120 48.7 0.0 95.8





#77  
t-1,4-Dichloro-2-butene  
Concen: 50.126 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

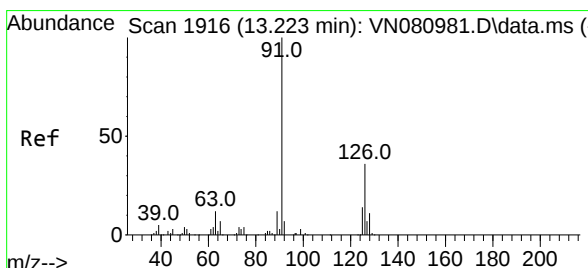
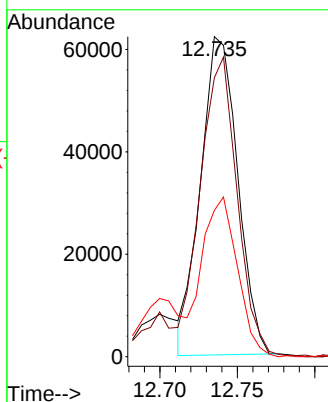
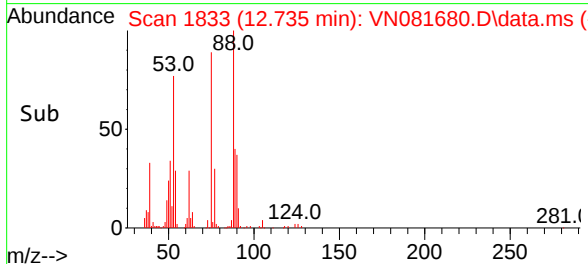
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050



Tgt Ion: 75 Resp: 103463  
Ion Ratio Lower Upper  
75 100  
53 87.2 45.9 137.7  
89 46.1 25.9 77.7

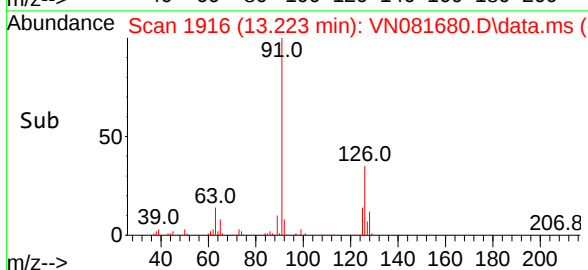
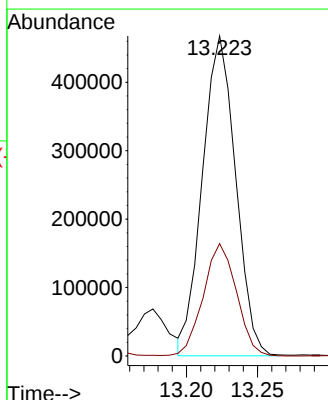
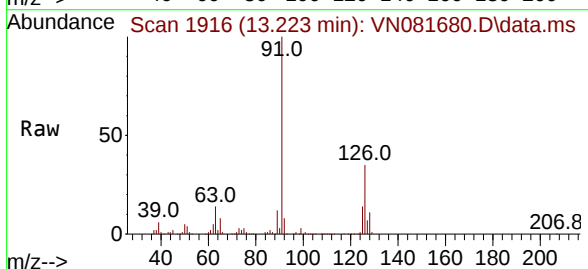
Manual Integrations  
APPROVED

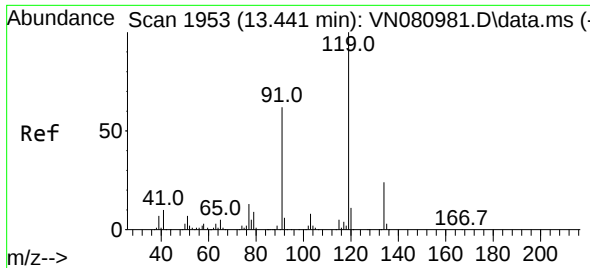
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#78  
4-Chlorotoluene  
Concen: 52.244 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Tgt Ion: 91 Resp: 761566  
Ion Ratio Lower Upper  
91 100  
126 35.1 0.0 62.8





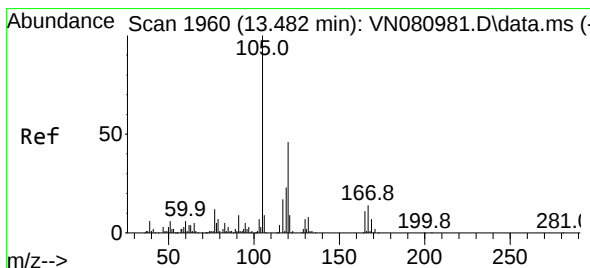
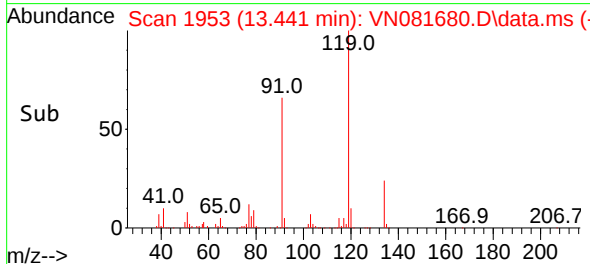
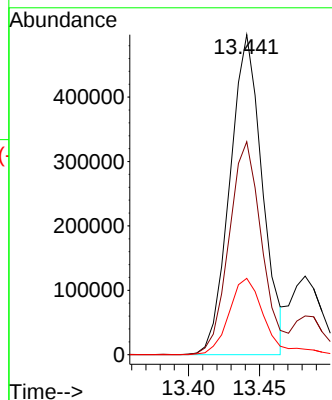
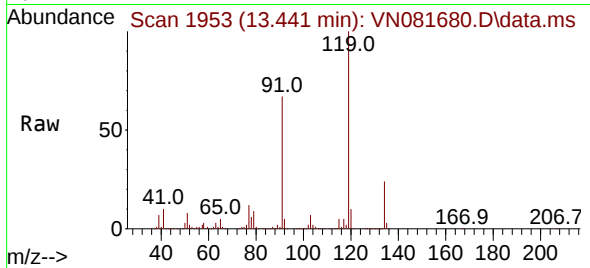
#79  
tert-butylbenzene  
Concen: 53.068 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

Tgt Ion:119 Resp: 789733  
Ion Ratio Lower Upper  
119 100  
91 67.8 0.0 138.8  
134 26.3 0.0 48.6

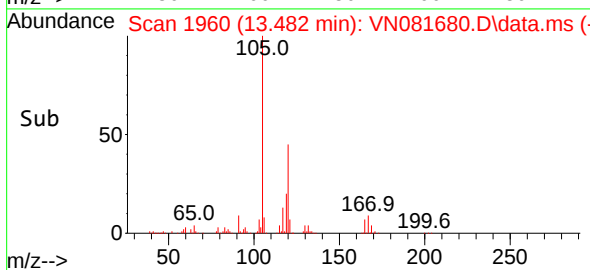
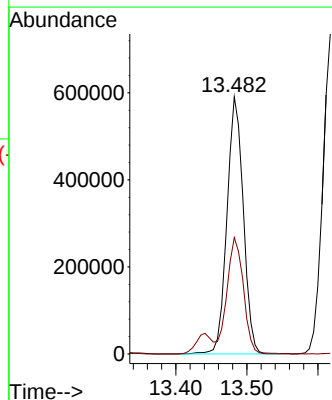
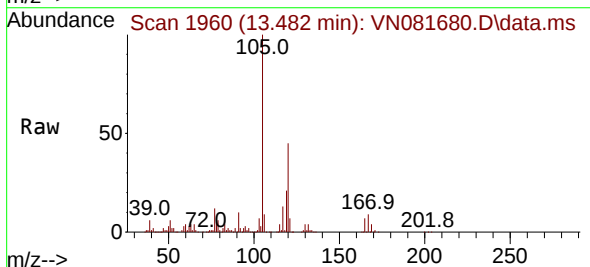
Manual Integrations  
APPROVED

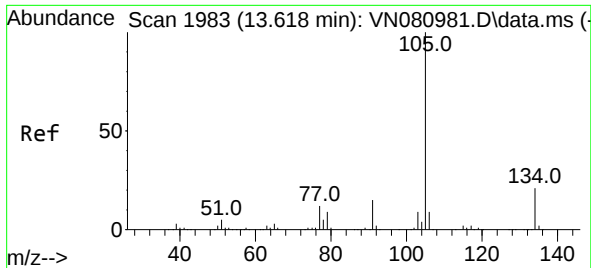
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#80  
1,2,4-Trimethylbenzene  
Concen: 54.058 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

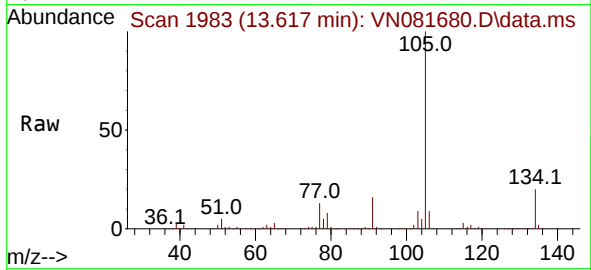
Tgt Ion:105 Resp: 943026  
Ion Ratio Lower Upper  
105 100  
120 45.6 0.0 86.8





#81  
 sec-Butylbenzene  
 Concen: 52.753 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN081680.D  
 Acq: 10 Apr 2024 14:01

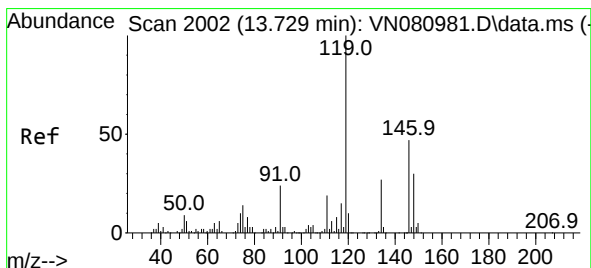
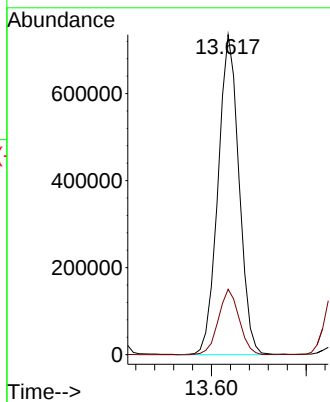
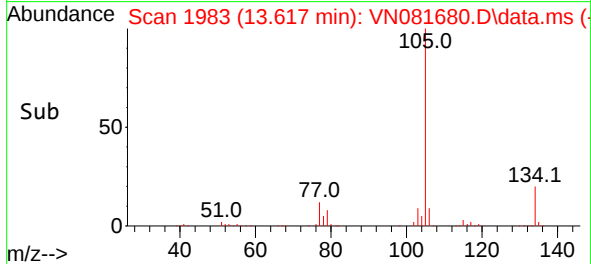
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050



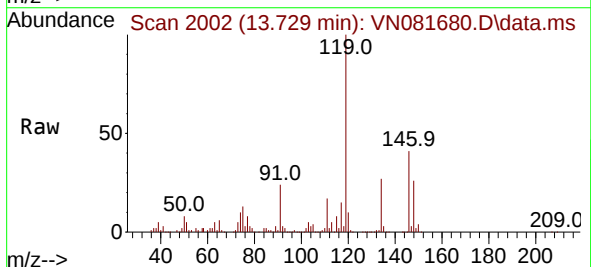
Tgt Ion:105 Resp: 1132170  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 0.0 39.0

Manual Integrations  
 APPROVED

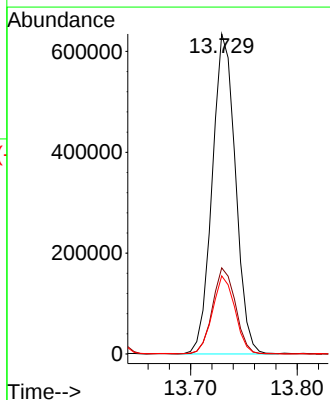
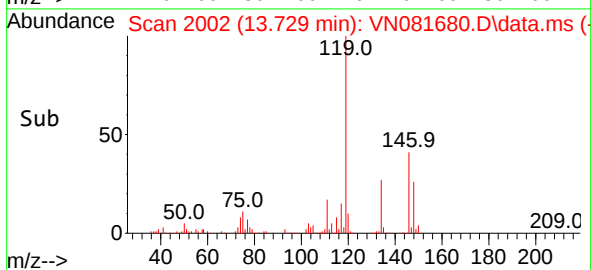
Reviewed By :John Carlone 04/11/2024  
 Supervised By :Mahesh Dadoda 04/11/2024

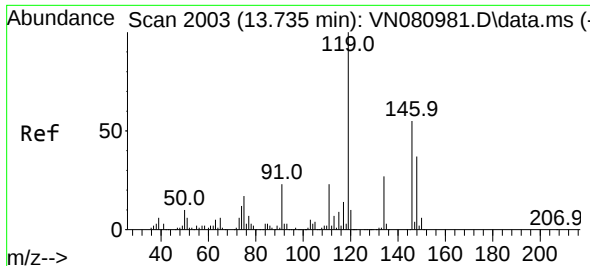


#82  
 p-Isopropyltoluene  
 Concen: 53.364 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN081680.D  
 Acq: 10 Apr 2024 14:01



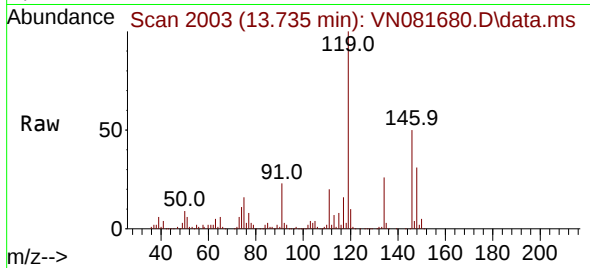
Tgt Ion:119 Resp: 960532  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 0.0 49.2  
 91 23.7 0.0 48.8





#83  
1,3-Dichlorobenzene  
Concen: 51.416 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

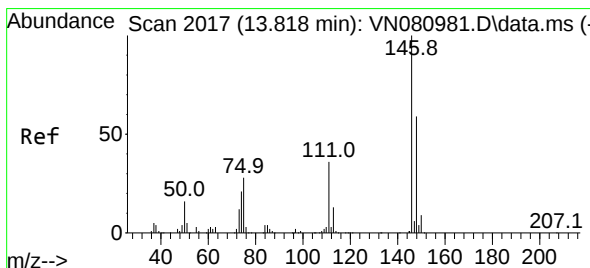
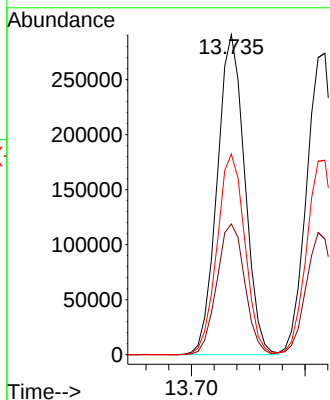
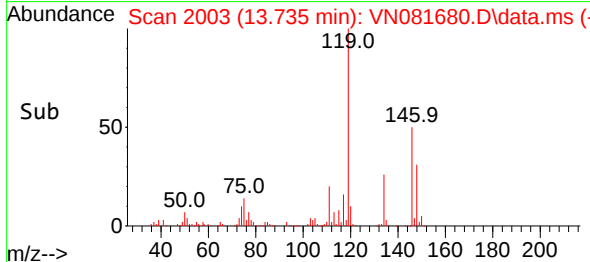
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



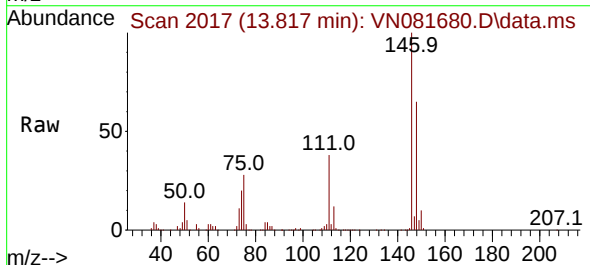
Tgt Ion:146 Resp: 49070  
Ion Ratio Lower Upper  
146 100  
111 41.4 22.4 67.0  
148 63.2 32.1 96.5

Manual Integrations  
APPROVED

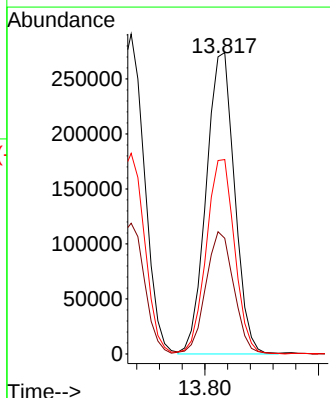
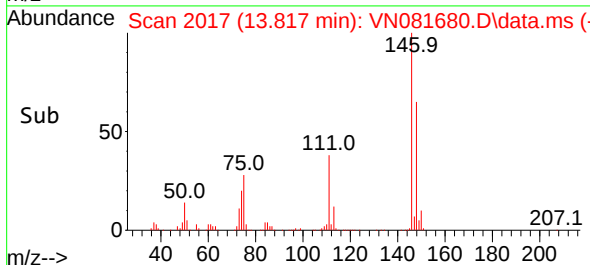
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

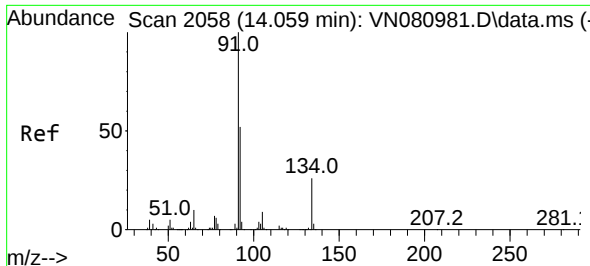


#84  
1,4-Dichlorobenzene  
Concen: 51.447 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. 0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01



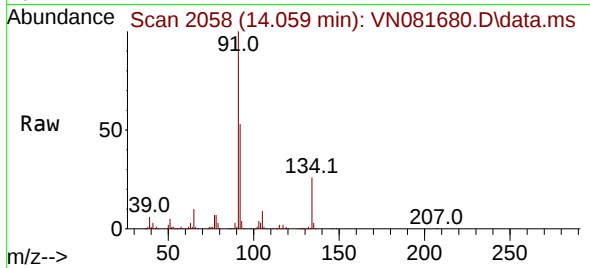
Tgt Ion:146 Resp: 475294  
Ion Ratio Lower Upper  
146 100  
111 40.2 21.3 63.9  
148 64.7 31.9 95.5





#85  
n-Butylbenzene  
Concen: 52.761 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

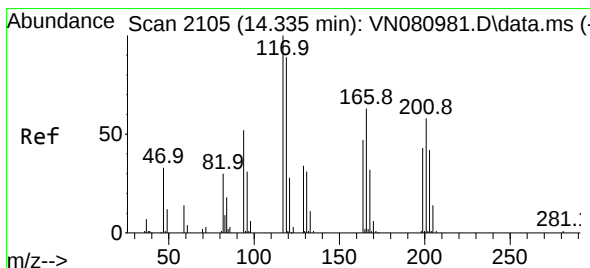
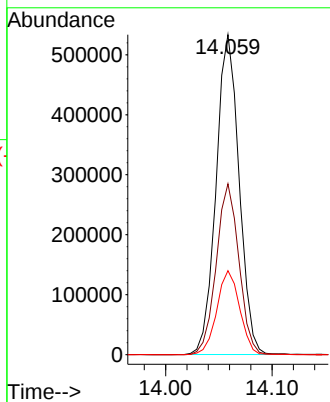
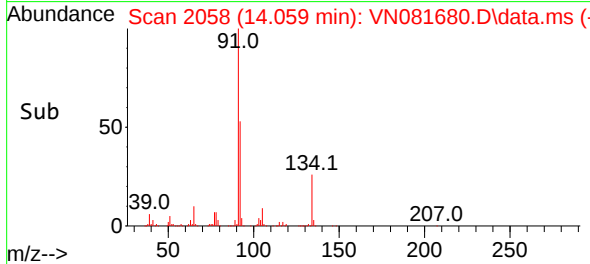
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050



Tgt Ion: 91 Resp: 79993  
Ion Ratio Lower Upper  
91 100  
92 52.6 0.0 105.0  
134 26.1 0.0 51.8

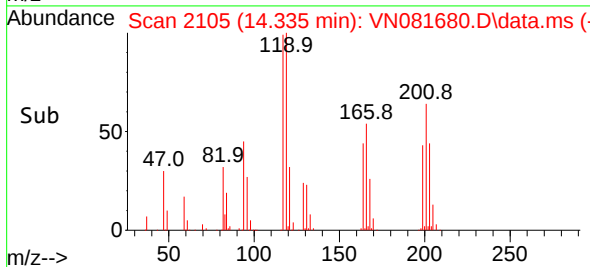
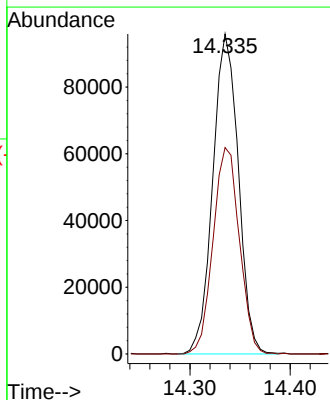
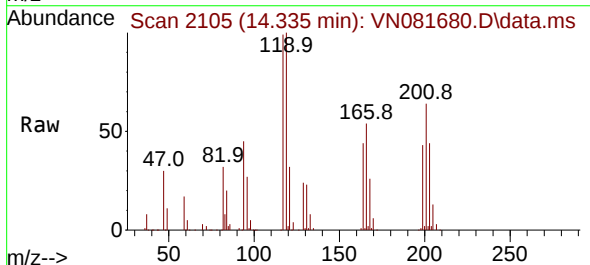
Manual Integrations  
APPROVED

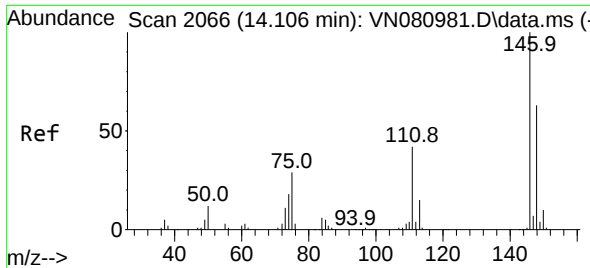
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#86  
Hexachloroethane  
Concen: 49.420 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

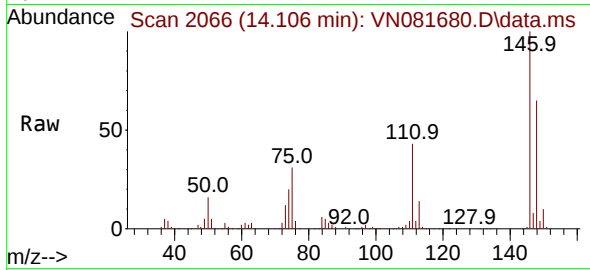
Tgt Ion:117 Resp: 169939  
Ion Ratio Lower Upper  
117 100  
201 66.4 38.0 114.0





#87  
1,2-Dichlorobenzene  
Concen: 51.940 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

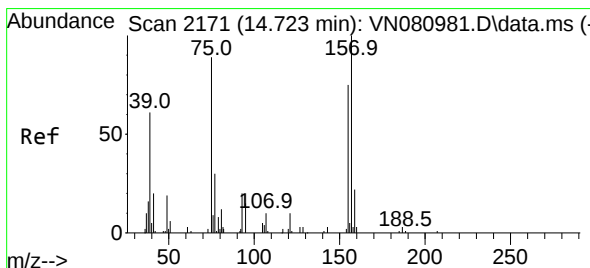
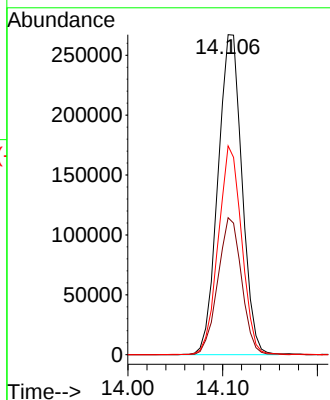
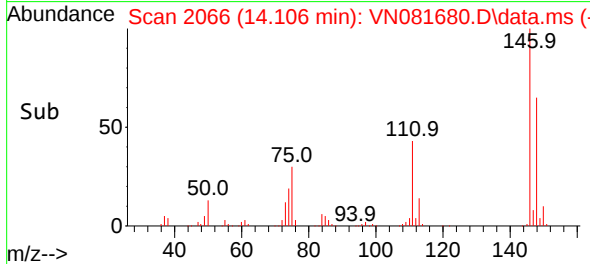
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050



Tgt Ion:146 Resp: 471839  
Ion Ratio Lower Upper  
146 100  
111 41.9 22.6 67.8  
148 63.5 31.3 93.8

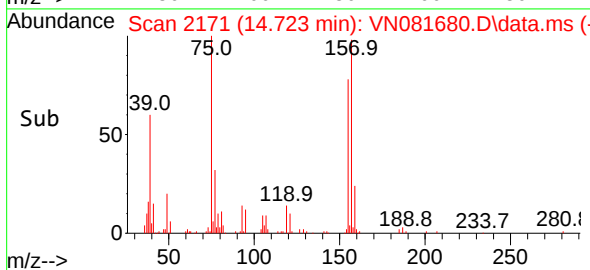
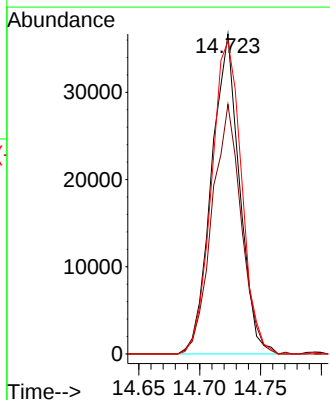
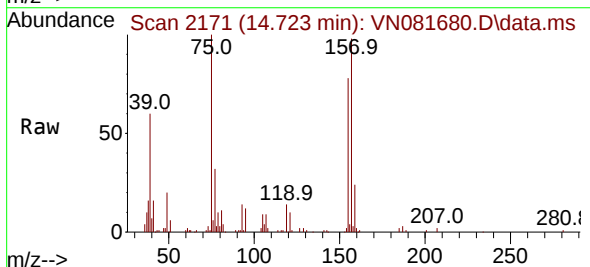
Manual Integrations  
APPROVED

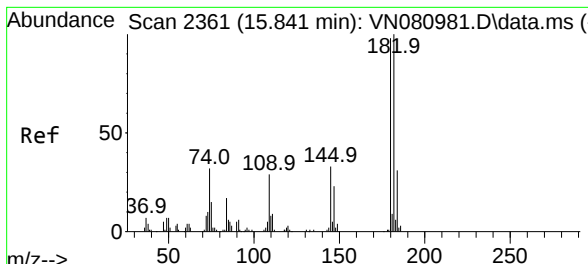
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 50.035 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. -0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

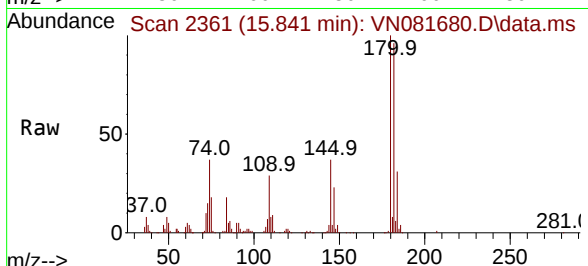
Tgt Ion: 75 Resp: 58721  
Ion Ratio Lower Upper  
75 100  
155 81.5 61.7 92.5  
157 104.9 83.6 125.4





#89  
1,2,4-Trichlorobenzene  
Concen: 50.816 ug/l  
RT: 15.841 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

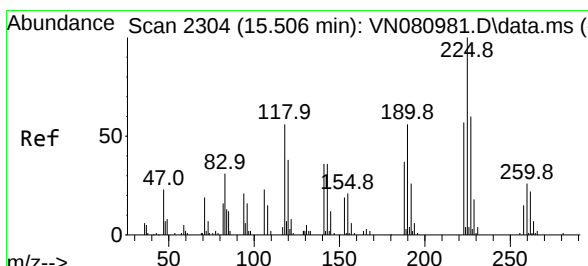
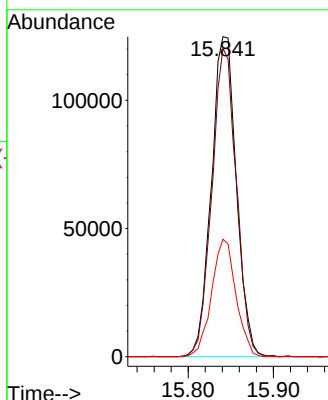
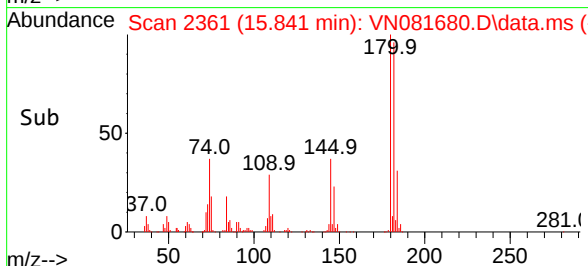
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050



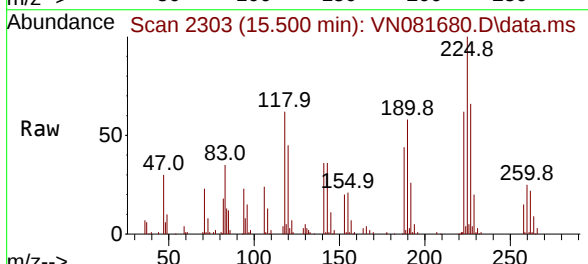
Tgt Ion:180 Resp: 25477  
Ion Ratio Lower Upper  
180 100  
182 94.2 76.4 114.6  
145 35.8 28.4 42.6

Manual Integrations  
APPROVED

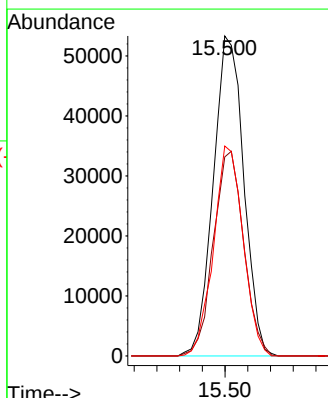
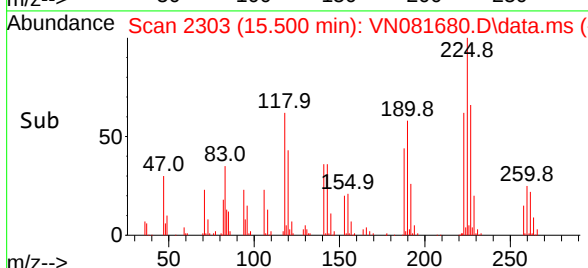
Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024

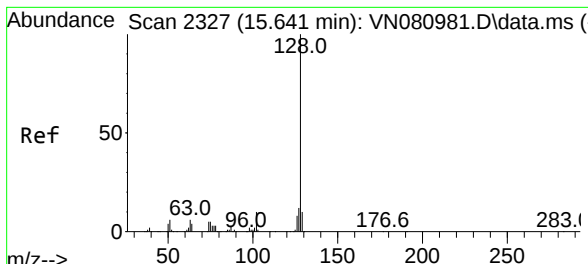


#90  
Hexachlorobutadiene  
Concen: 49.724 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01



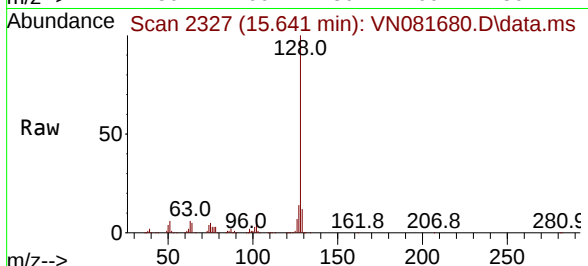
Tgt Ion:225 Resp: 99218  
Ion Ratio Lower Upper  
225 100  
223 63.6 0.0 126.6  
227 63.6 0.0 126.6





#91  
Naphthalene  
Concen: 52.920 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.000 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

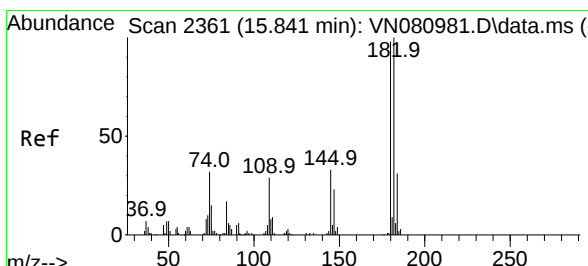
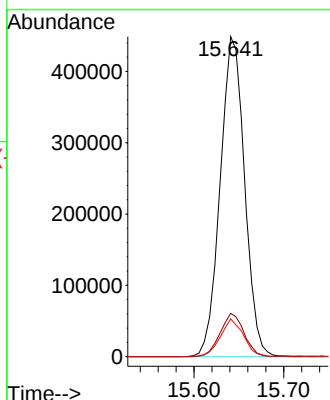
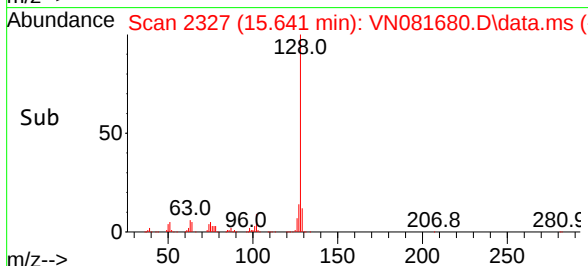
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



Tgt Ion:128 Resp: 84716  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.6 16.0  
129 11.1 8.6 13.0

Manual Integrations  
APPROVED

Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



#92  
1,2,3-Trichlorobenzene  
Concen: 51.167 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.006 min  
Lab File: VN081680.D  
Acq: 10 Apr 2024 14:01

Tgt Ion:180 Resp: 254771  
Ion Ratio Lower Upper  
180 100  
182 94.2 0.0 191.0  
145 35.8 0.0 71.0

