

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112023\  
 Data File : VN080201.D  
 Acq On : 20 Nov 2023 12:38  
 Operator : JC\MD  
 Sample : VN1120WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBSD01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/21/2023  
 Supervised By : Mahesh Dadoda 11/21/2023

Quant Time: Nov 21 01:02:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 8.229          | 168  | 195452              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106          | 114  | 300490              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865         | 117  | 270960              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 135304              | 50.000 | ug/l   | 0.00     |
|                              |                |      |                     |        |        |          |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.582          | 65   | 166482              | 51.587 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 103.180% |        |        |          |
| 35) Dibromofluoromethane     | 8.171          | 113  | 113274              | 51.088 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 102.180% |        |        |          |
| 50) Toluene-d8               | 10.565         | 98   | 403161              | 50.442 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 100.880% |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.853         | 95   | 152705              | 50.582 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 101.160% |        |        |          |
|                              |                |      |                     |        |        |          |
| Target Compounds             |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 53131               | 18.249 | ug/l   | 96       |
| 3) Chloromethane             | 2.359          | 50   | 33835               | 15.458 | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.518          | 62   | 39052               | 16.859 | ug/l   | 99       |
| 5) Bromomethane              | 2.959          | 94   | 27010               | 17.176 | ug/l   | 90       |
| 6) Chloroethane              | 3.124          | 64   | 25318               | 16.549 | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 3.500          | 101  | 90306               | 18.689 | ug/l   | 94       |
| 8) Diethyl Ether             | 3.959          | 74   | 24088               | 17.141 | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365          | 101  | 38618               | 17.485 | ug/l   | 90       |
| 10) Methyl Iodide            | 4.594          | 142  | 42796               | 17.929 | ug/l # | 82       |
| 11) Tert butyl alcohol       | 5.512          | 59   | 29876               | 84.183 | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.347          | 96   | 34294               | 16.601 | ug/l   | 85       |
| 13) Acrolein                 | 4.177          | 56   | 27310               | 86.953 | ug/l   | 92       |
| 14) Allyl chloride           | 5.030          | 41   | 41681               | 16.037 | ug/l   | 89       |
| 15) Acrylonitrile            | 5.718          | 53   | 82060               | 86.132 | ug/l   | 98       |
| 16) Acetone                  | 4.418          | 43   | 76890               | 70.935 | ug/l   | 90       |
| 17) Carbon Disulfide         | 4.712          | 76   | 96029               | 15.568 | ug/l   | 98       |
| 18) Methyl Acetate           | 5.024          | 43   | 56316               | 16.170 | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.794          | 73   | 134890              | 18.490 | ug/l   | 99       |
| 20) Methylene Chloride       | 5.277          | 84   | 46112               | 20.314 | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.783          | 96   | 39453               | 17.384 | ug/l   | 90       |
| 22) Diisopropyl ether        | 6.671          | 45   | 101643              | 17.676 | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.606          | 43   | 302107              | 87.390 | ug/l   | 93       |
| 24) 1,1-Dichloroethane       | 6.577          | 63   | 72174               | 17.233 | ug/l   | 100      |
| 25) 2-Butanone               | 7.482          | 43   | 97541               | 75.739 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.494          | 77   | 76634               | 18.443 | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 7.482          | 96   | 44147               | 17.158 | ug/l   | 82       |
| 28) Bromochloromethane       | 7.812          | 49   | 30534               | 18.545 | ug/l   | 97       |
| 29) Tetrahydrofuran          | 7.841          | 42   | 58553               | 84.685 | ug/l   | 94       |
| 30) Chloroform               | 7.971          | 83   | 89750               | 19.173 | ug/l   | 90       |
| 31) Cyclohexane              | 8.259          | 56   | 55681               | 15.865 | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 8.171          | 97   | 86532               | 18.955 | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.371          | 75   | 59739               | 18.610 | ug/l   | 94       |
| 37) Ethyl Acetate            | 7.559          | 43   | 39603               | 17.786 | ug/l # | 93       |
| 38) Carbon Tetrachloride     | 8.359          | 117  | 81896               | 20.104 | ug/l   | 92       |
| 39) Methylcyclohexane        | 9.600          | 83   | 52422               | 16.937 | ug/l # | 86       |
| 40) Benzene                  | 8.606          | 78   | 166427              | 18.242 | ug/l   | 99       |

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 Sample : VN1120WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBSD01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/21/2023  
 Supervised By : Mahesh Dadoda 11/21/2023

Quant Time: Nov 21 01:02:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.782  | 41   | 21635    | 17.693  | ug/l # | 89       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 77479    | 20.757  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 68715    | 15.859  | ug/l   | 100      |
| 44) Trichloroethene           | 9.353  | 130  | 43346    | 18.112  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.623  | 63   | 40090    | 18.908  | ug/l   | 97       |
| 46) Dibromomethane            | 9.712  | 93   | 31514    | 19.636  | ug/l   | 90       |
| 47) Bromodichloromethane      | 9.888  | 83   | 71896    | 20.365  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 41597    | 18.629  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 13132    | 353.506 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 200509   | 89.382  | ug/l   | 99       |
| 52) Toluene                   | 10.635 | 92   | 106899   | 18.722  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 69431    | 19.142  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 72617    | 19.596  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 41805    | 19.184  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 41574    | 18.674  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 73014    | 19.190  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 121511   | 96.883  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.194 | 43   | 152456   | 84.575  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.359 | 129  | 52583    | 20.155  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 42449    | 19.094  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 45325    | 21.919  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 113164   | 18.431  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.964 | 131  | 48162    | 20.214  | ug/l   | 94       |
| 67) Ethyl Benzene             | 11.964 | 91   | 206468   | 18.898  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.070 | 106  | 156015   | 39.166  | ug/l   | 88       |
| 69) o-Xylene                  | 12.400 | 106  | 74812    | 19.928  | ug/l   | 88       |
| 70) Styrene                   | 12.412 | 104  | 109952   | 19.678  | ug/l # | 91       |
| 71) Bromoform                 | 12.582 | 173  | 36695    | 20.768  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.700 | 105  | 192839   | 18.341  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 53878    | 16.432  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 54510    | 17.322  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 56114m   | 16.926  | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 50479    | 19.043  | ug/l   | 95       |
| 78) n-propylbenzene           | 13.035 | 91   | 217619   | 18.509  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 139891   | 18.319  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 173274   | 18.932  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 18155    | 18.502  | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 144977   | 18.532  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 133556   | 18.197  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 171929   | 19.077  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 171823   | 18.506  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 157912   | 19.039  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 88866    | 18.607  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 85534    | 17.821  | ug/l   | 95       |
| 89) n-Butylbenzene            | 14.058 | 91   | 122170   | 17.598  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.341 | 117  | 29834    | 18.451  | ug/l   | 74       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 82271    | 18.001  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 12832    | 17.556  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 41839    | 15.740  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 26481    | 17.312  | ug/l   | 97       |
| 95) Naphthalene               | 15.647 | 128  | 112347   | 14.575  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 42401    | 17.018  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112023\  
Data File : VN080201.D  
Acq On : 20 Nov 2023 12:38  
Operator : JC\MD  
Sample : VN1120WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Manual Integrations  
APPROVED

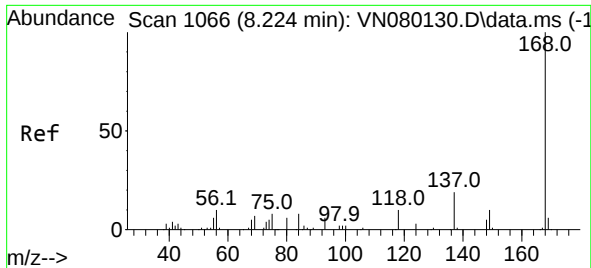
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023

Quant Time: Nov 21 01:02:23 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 17 01:19:32 2023  
Response via : Initial Calibration

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

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





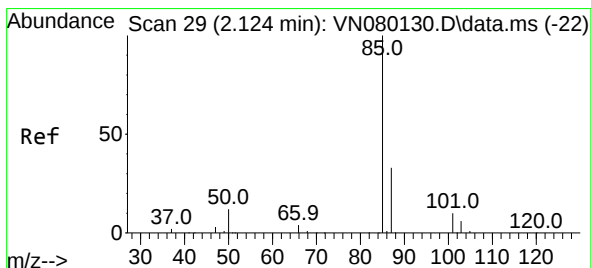
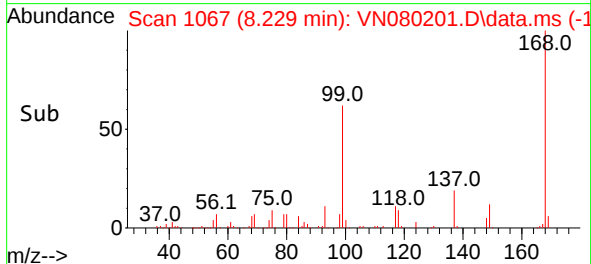
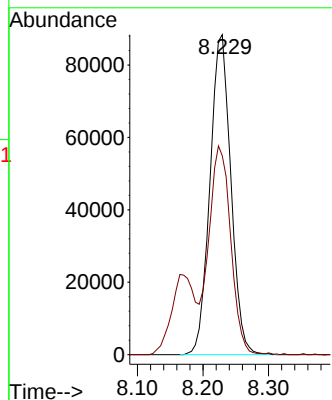
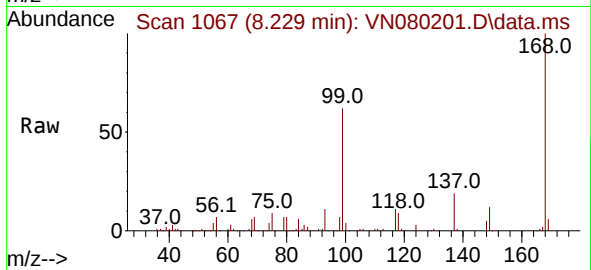
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1066  
Delta R.T. 0.005 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion:168 Resp: 195452  
Ion Ratio Lower Upper  
168 100  
99 62.2 53.0 79.6

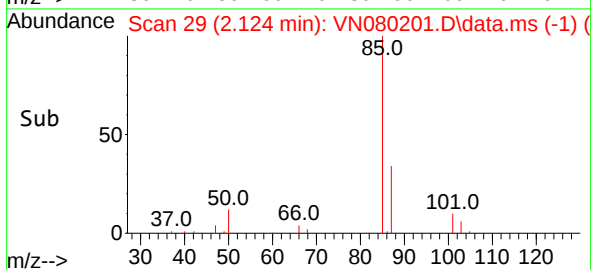
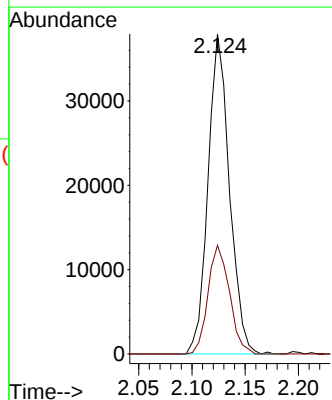
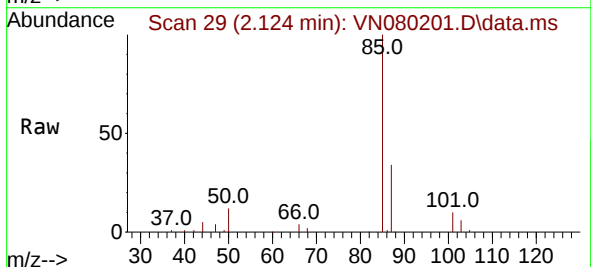
Manual Integrations  
APPROVED

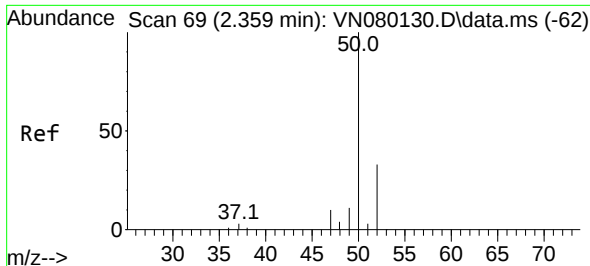
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#2  
Dichlorodifluoromethane  
Concen: 18.249 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Tgt Ion: 85 Resp: 53131  
Ion Ratio Lower Upper  
85 100  
87 34.0 15.8 47.4





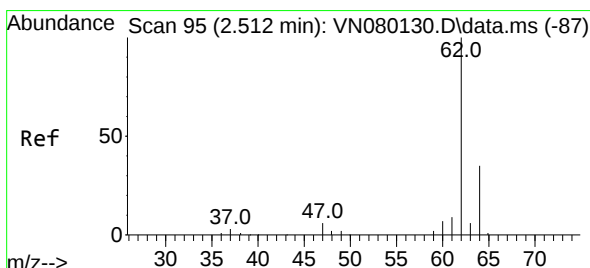
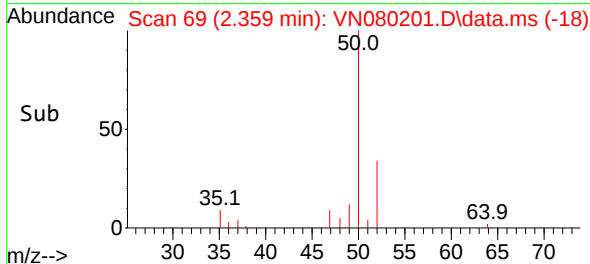
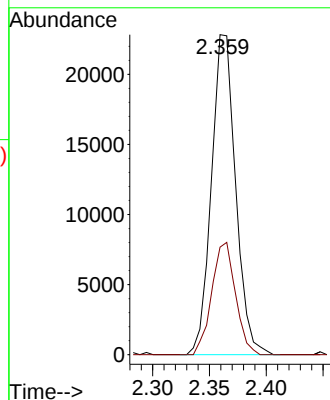
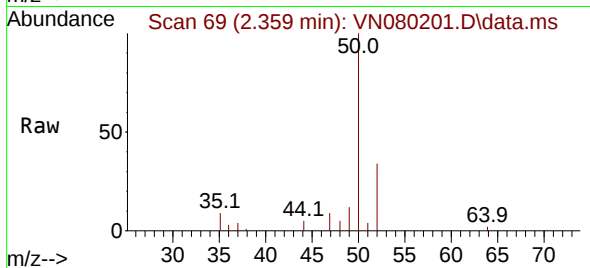
#3  
Chloromethane  
Concen: 15.458 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion: 50 Resp: 3383  
Ion Ratio Lower Upper  
50 100  
52 33.6 26.5 39.7

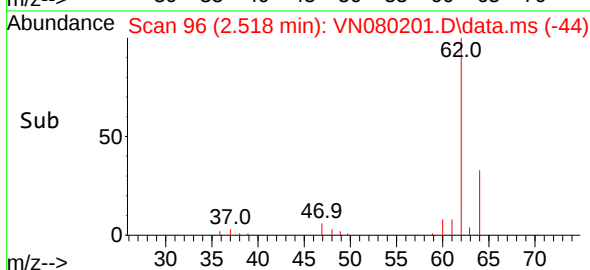
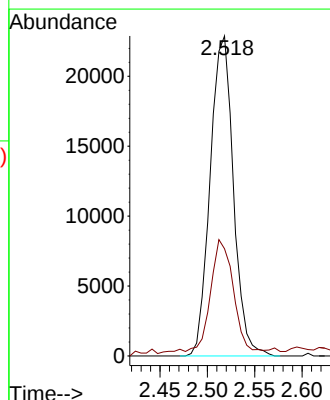
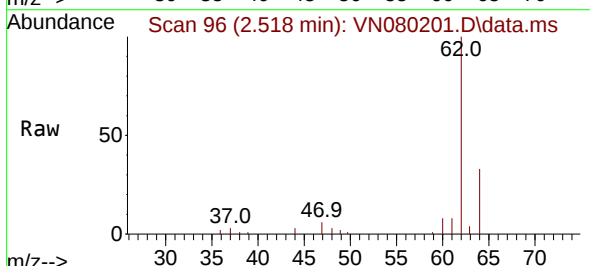
Manual Integrations  
APPROVED

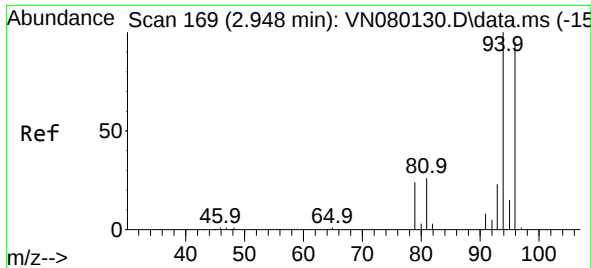
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#4  
Vinyl Chloride  
Concen: 16.859 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Tgt Ion: 62 Resp: 39052  
Ion Ratio Lower Upper  
62 100  
64 32.1 26.2 39.2





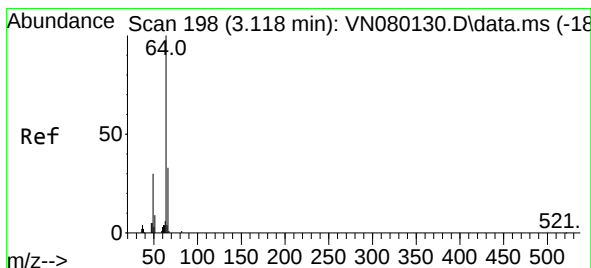
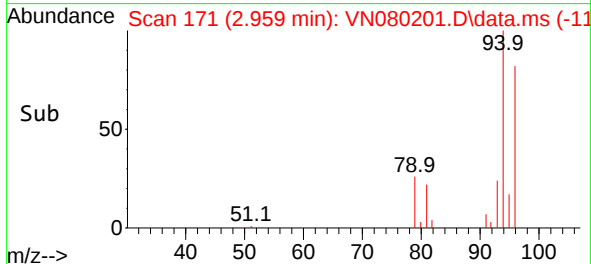
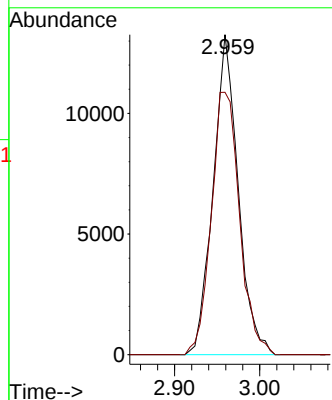
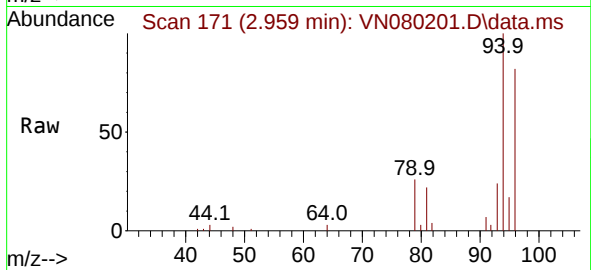
#5  
Bromomethane  
Concen: 17.176 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion: 94 Resp: 27010  
Ion Ratio Lower Upper  
94 100  
96 82.0 73.1 109.7

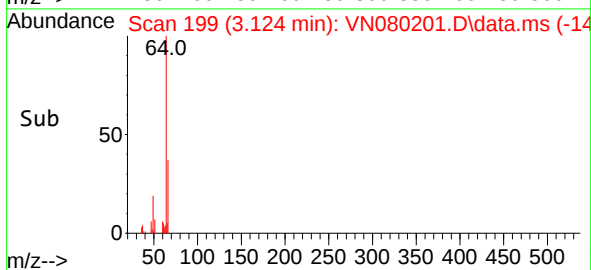
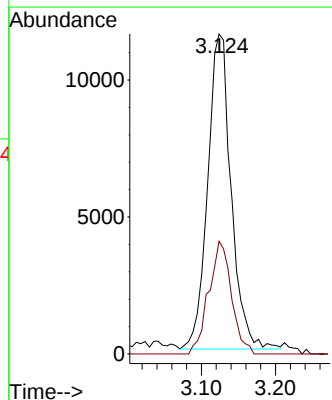
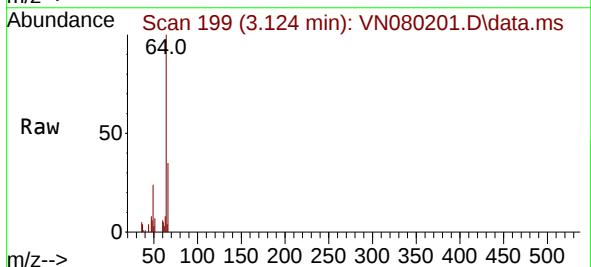
Manual Integrations  
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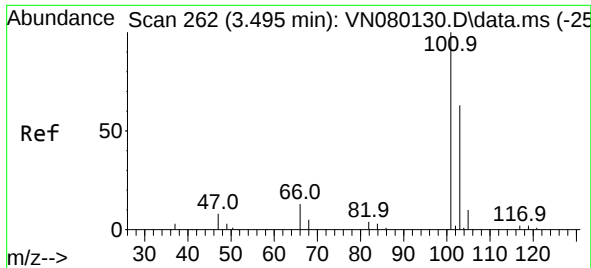
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#6  
Chloroethane  
Concen: 16.549 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Tgt Ion: 64 Resp: 25318  
Ion Ratio Lower Upper  
64 100  
66 35.7 25.4 38.2





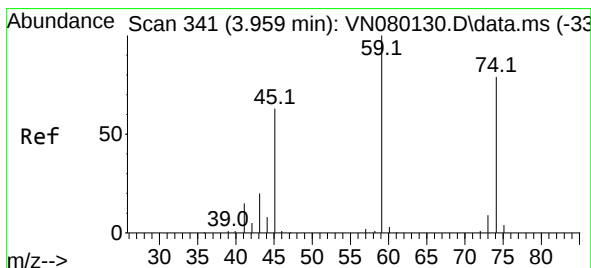
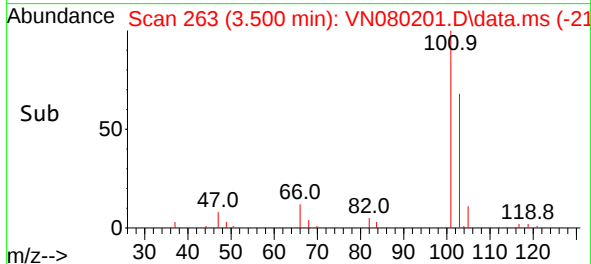
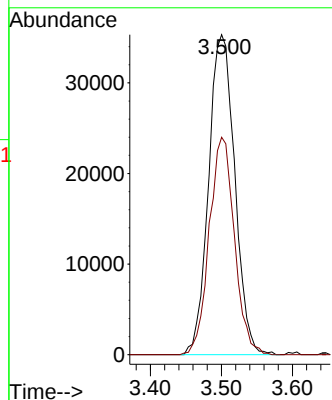
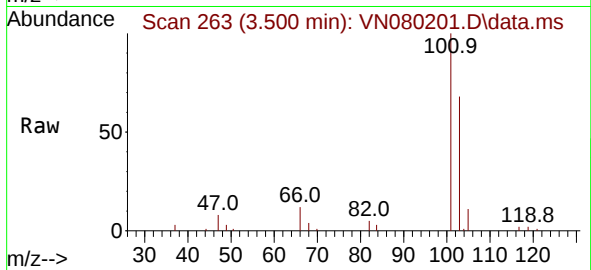
#7  
Trichlorofluoromethane  
Concen: 18.689 ug/l  
RT: 3.500 min Scan# 262  
Delta R.T. 0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion:101 Resp: 90300  
Ion Ratio Lower Upper  
101 100  
103 68.0 50.7 76.1

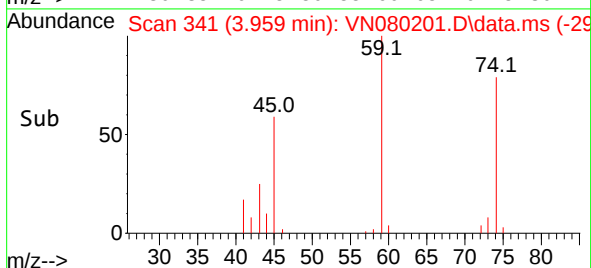
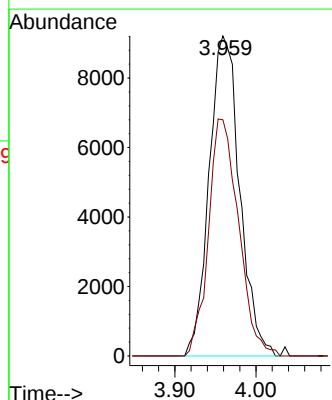
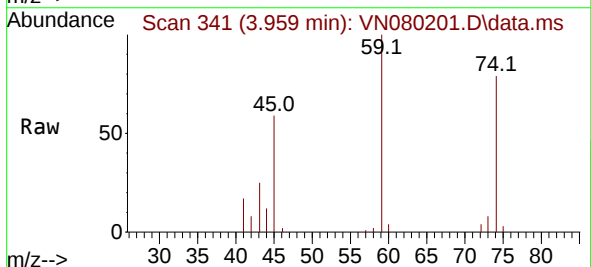
Manual Integrations  
APPROVED

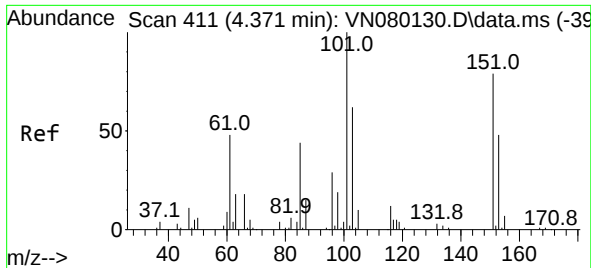
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#8  
Diethyl Ether  
Concen: 17.141 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Tgt Ion: 74 Resp: 24088  
Ion Ratio Lower Upper  
74 100  
45 73.0 34.4 103.3





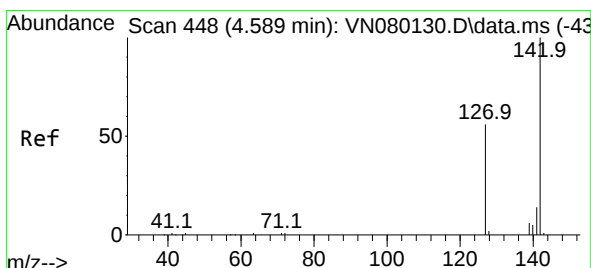
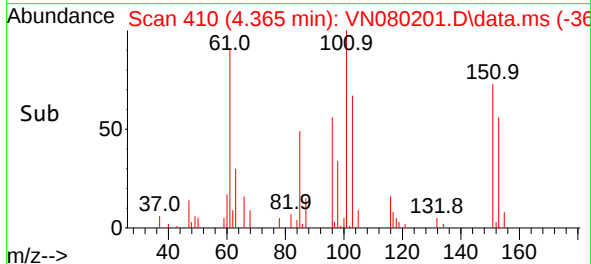
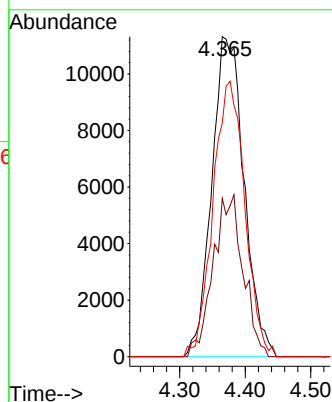
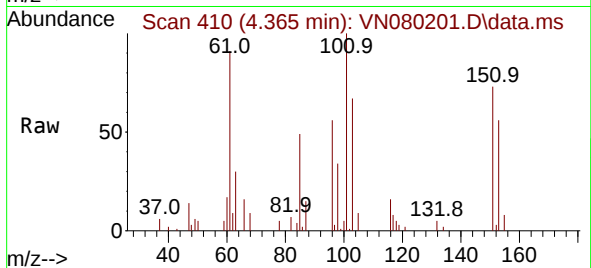
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.485 ug/l  
RT: 4.365 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion:101 Resp: 38618  
Ion Ratio Lower Upper  
101 100  
85 47.1 36.6 55.0  
151 84.7 57.6 86.4

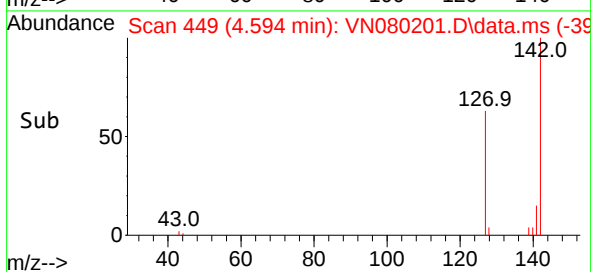
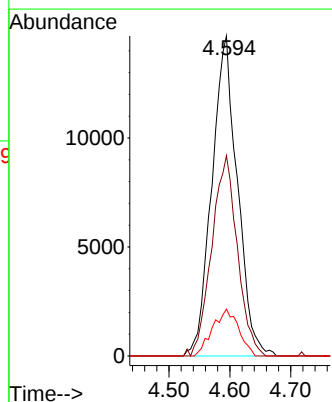
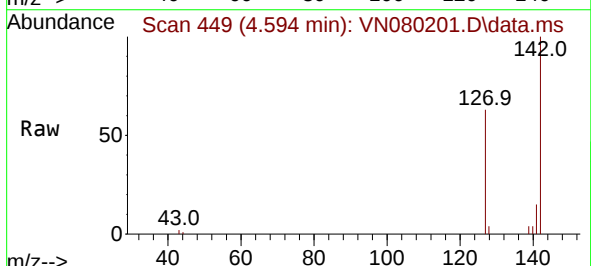
Manual Integrations  
APPROVED

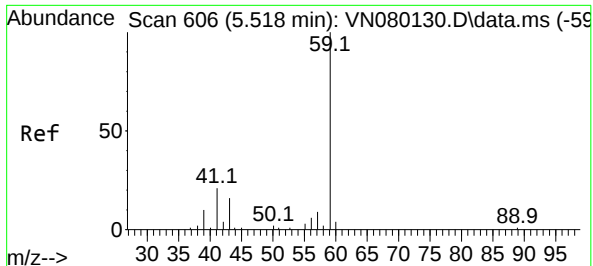
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#10  
Methyl Iodide  
Concen: 17.929 ug/l  
RT: 4.594 min Scan# 449  
Delta R.T. 0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

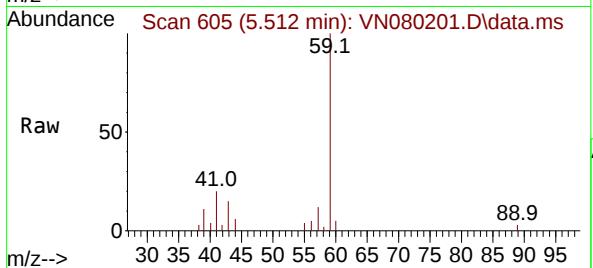
Tgt Ion:142 Resp: 42796  
Ion Ratio Lower Upper  
142 100  
127 62.6 37.6 56.4#  
141 14.7 11.4 17.0





#11  
Tert butyl alcohol  
Concen: 84.183 ug/l  
RT: 5.512 min Scan# 606  
Delta R.T. -0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

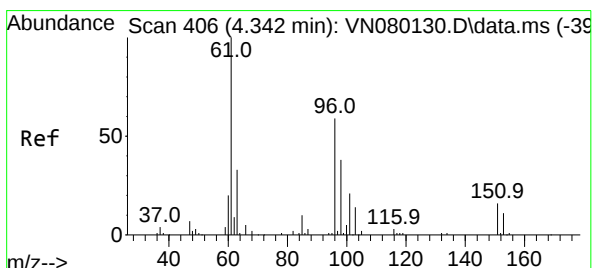
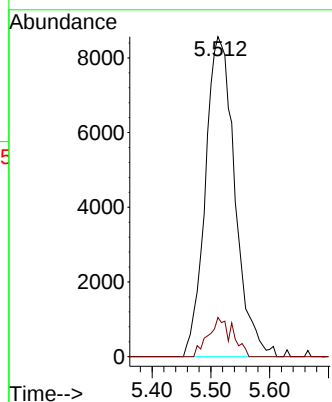
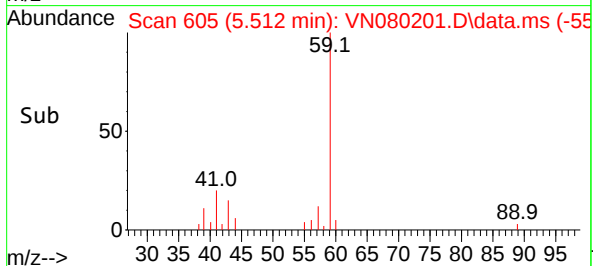
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



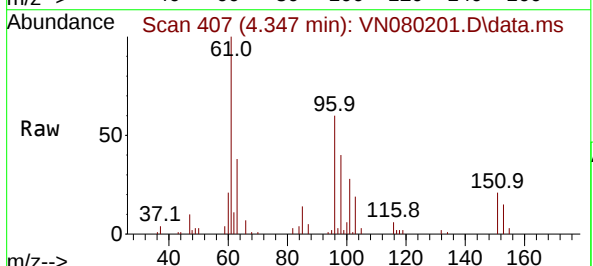
Tgt Ion: 59 Resp: 29870  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.2 12.4

Manual Integrations  
APPROVED

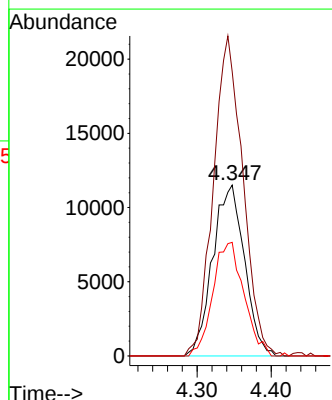
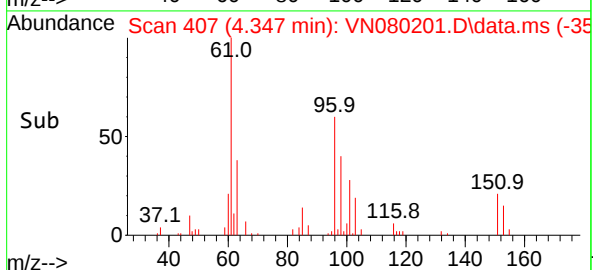
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023

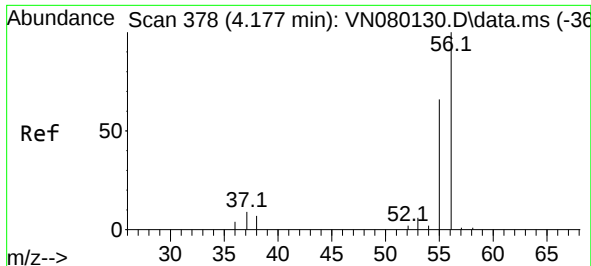


#12  
1,1-Dichloroethene  
Concen: 16.601 ug/l  
RT: 4.347 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38



Tgt Ion: 96 Resp: 34294  
Ion Ratio Lower Upper  
96 100  
61 166.4 112.7 169.1  
98 66.5 51.2 76.8





#13

Acrolein

Concen: 86.953 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 56 Resp: 27310

Ion Ratio Lower Upper

56 100

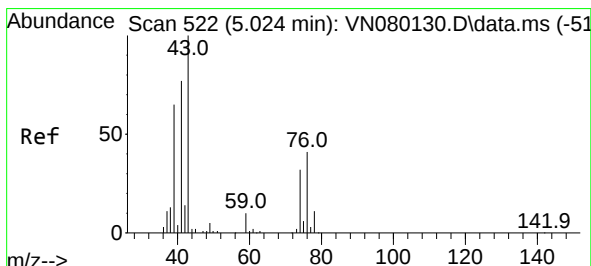
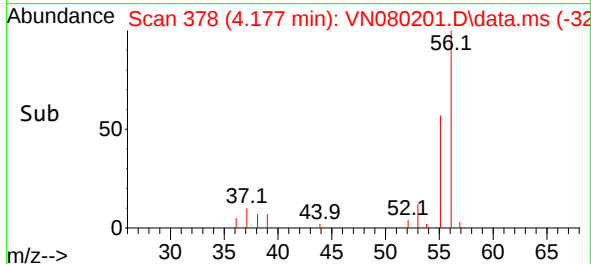
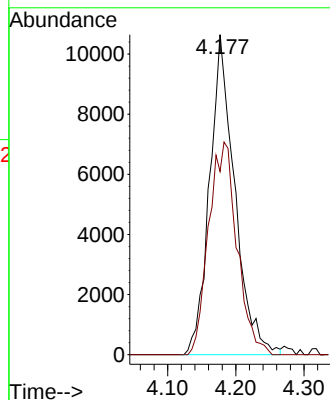
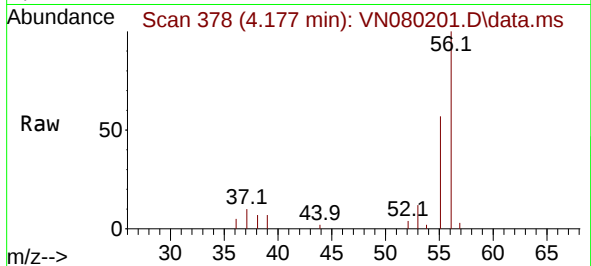
55 74.9 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#14

Allyl chloride

Concen: 16.037 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

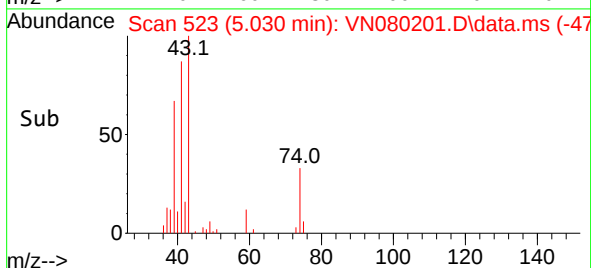
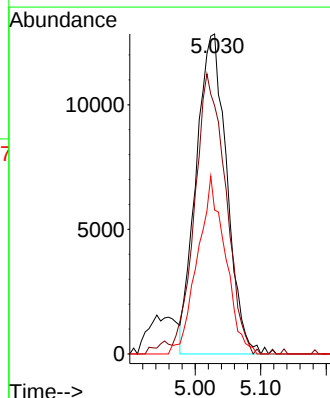
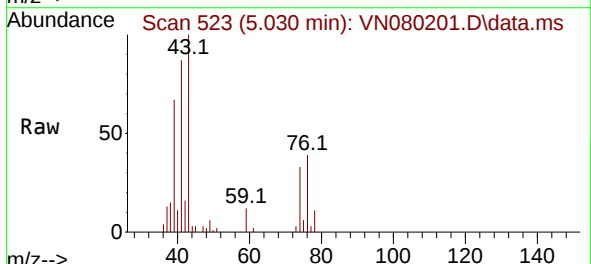
Tgt Ion: 41 Resp: 41681

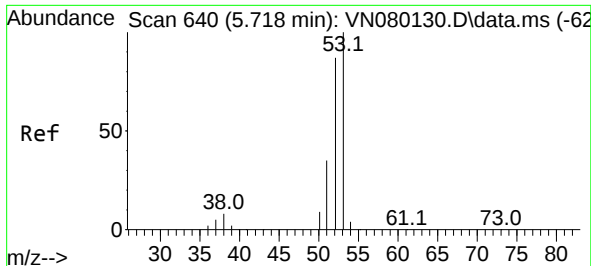
Ion Ratio Lower Upper

41 100

39 88.0 58.8 88.2

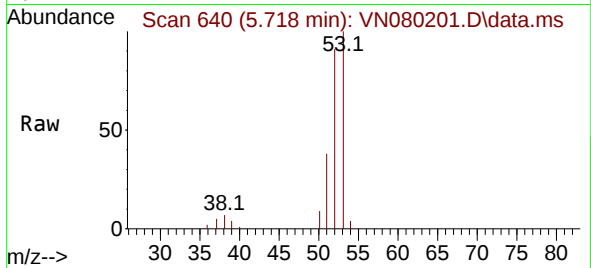
76 50.6 39.1 58.7





#15  
Acrylonitrile  
Concen: 86.132 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

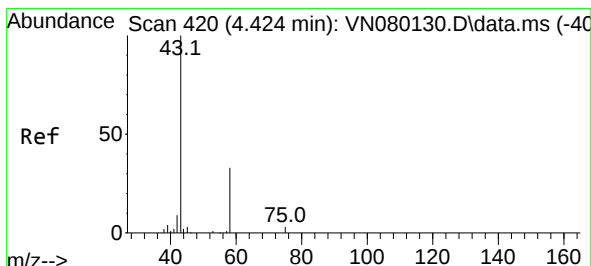
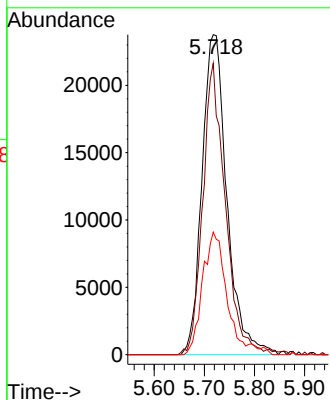
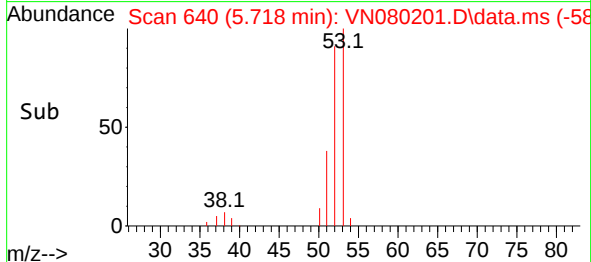
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



Tgt Ion: 53 Resp: 82060  
Ion Ratio Lower Upper  
53 100  
52 82.4 65.3 97.9  
51 38.0 28.9 43.3

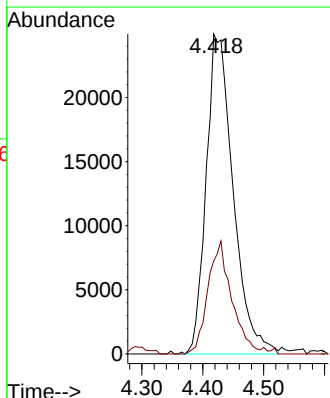
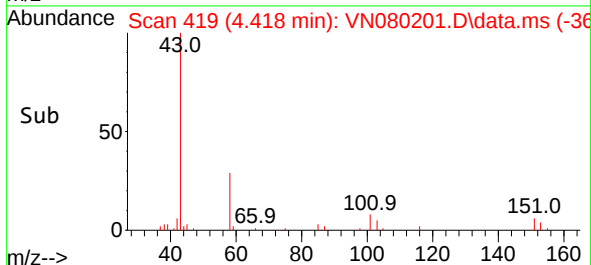
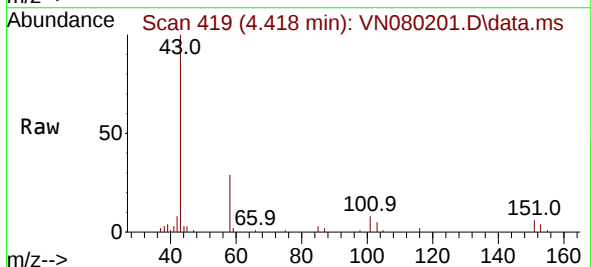
Manual Integrations  
APPROVED

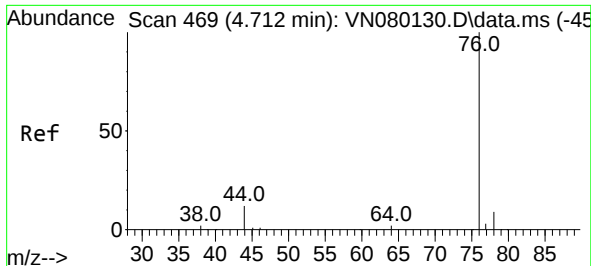
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#16  
Acetone  
Concen: 70.935 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

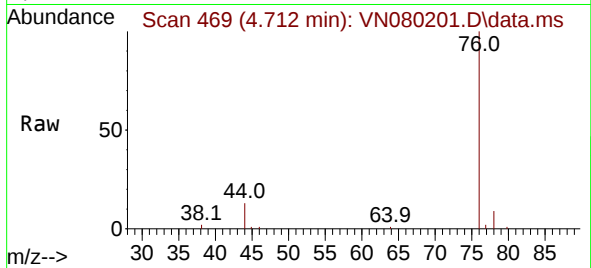
Tgt Ion: 43 Resp: 76890  
Ion Ratio Lower Upper  
43 100  
58 29.0 28.0 42.0





#17  
Carbon Disulfide  
Concen: 15.568 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

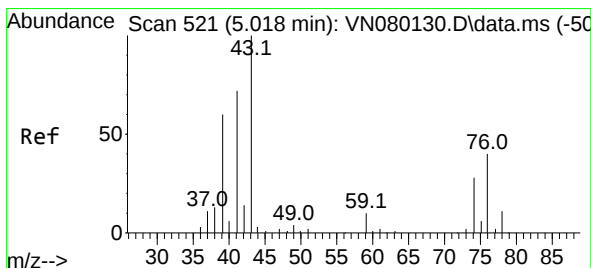
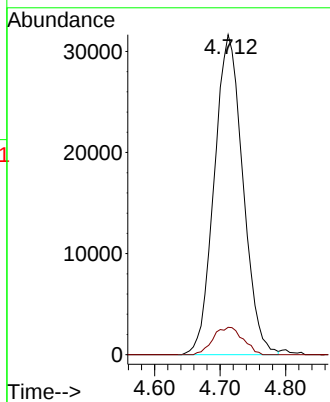
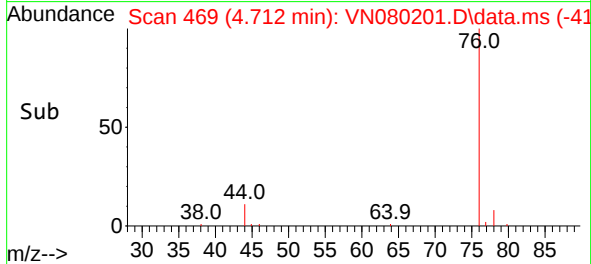
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



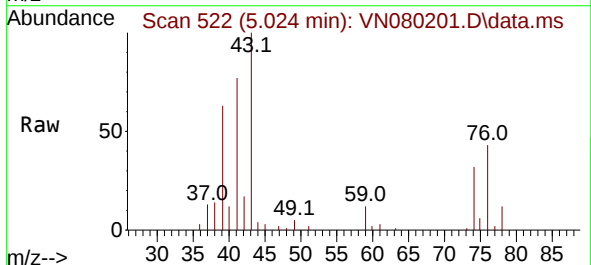
Tgt Ion: 76 Resp: 96029  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.4 11.0

Manual Integrations  
APPROVED

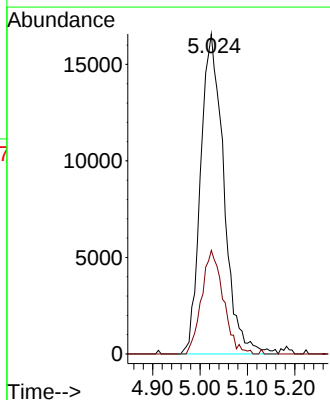
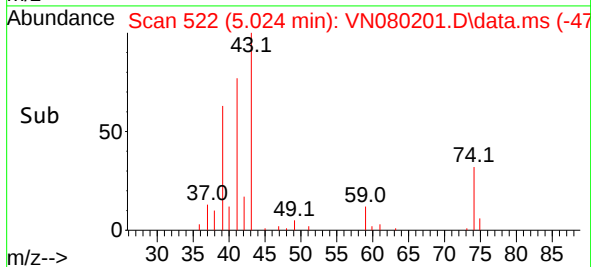
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023

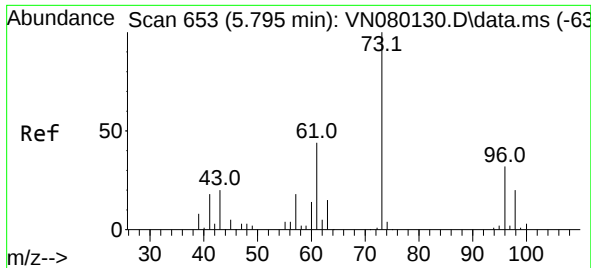


#18  
Methyl Acetate  
Concen: 16.170 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38



Tgt Ion: 43 Resp: 56316  
Ion Ratio Lower Upper  
43 100  
74 30.3 26.2 39.4





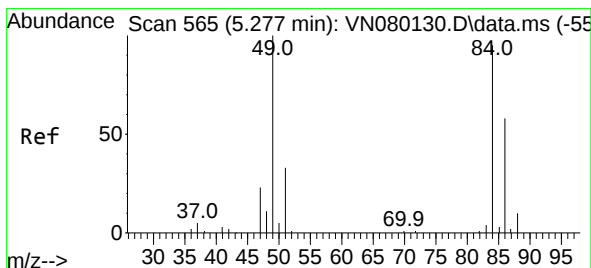
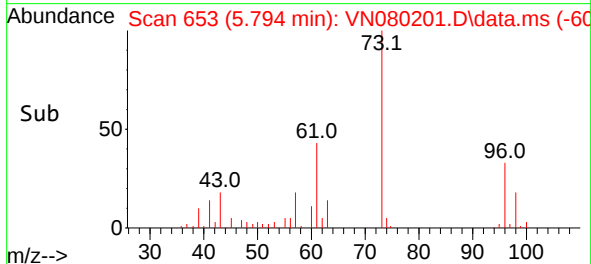
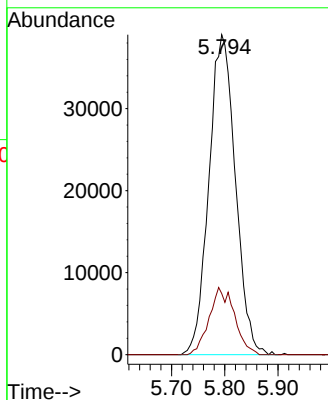
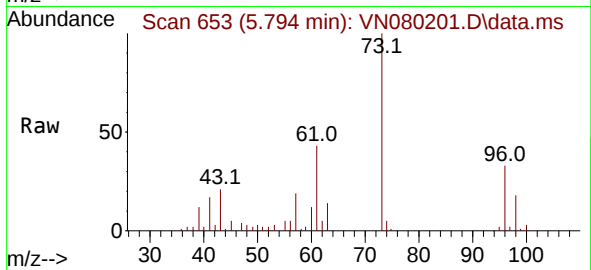
#19  
Methyl tert-butyl Ether  
Concen: 18.490 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion: 73 Resp: 134890  
Ion Ratio Lower Upper  
73 100  
57 19.1 15.6 23.4

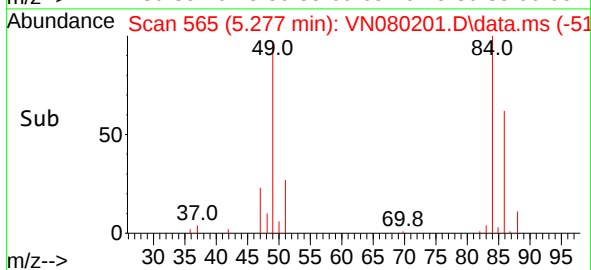
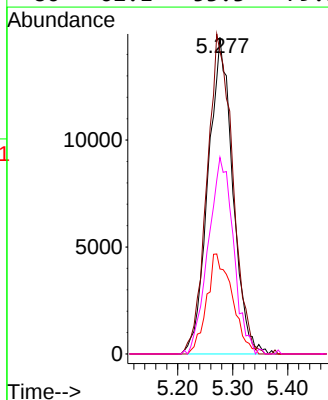
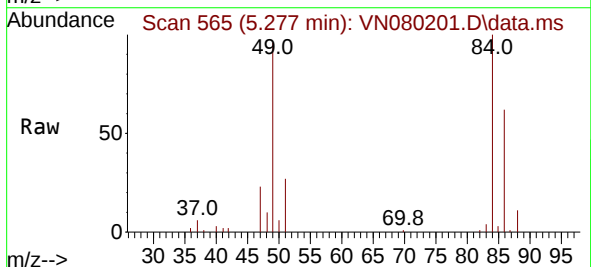
Manual Integrations  
APPROVED

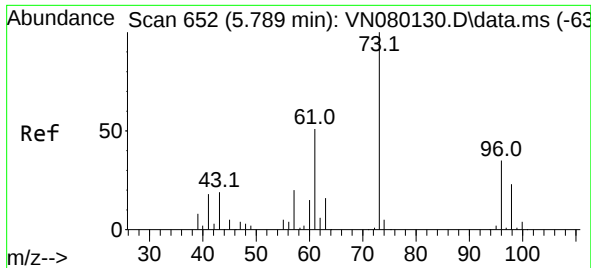
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#20  
Methylene Chloride  
Concen: 20.314 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

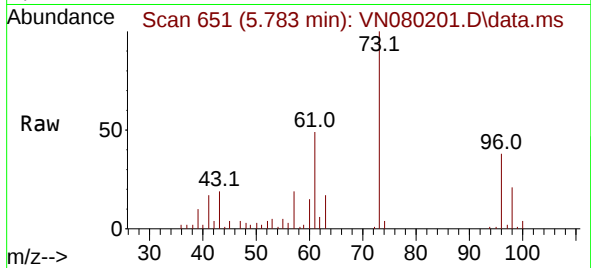
Tgt Ion: 84 Resp: 46112  
Ion Ratio Lower Upper  
84 100  
49 95.6 79.7 119.5  
51 26.9 25.2 37.8  
86 62.1 53.3 79.9





#21  
trans-1,2-Dichloroethene  
Concen: 17.384 ug/l  
RT: 5.783 min Scan# 651  
Delta R.T. -0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

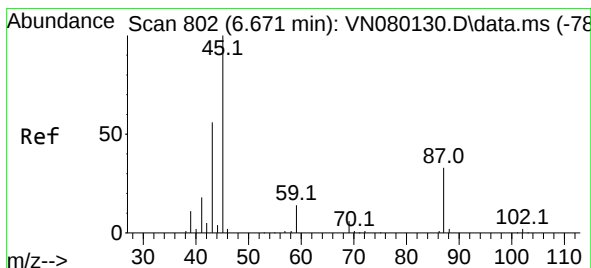
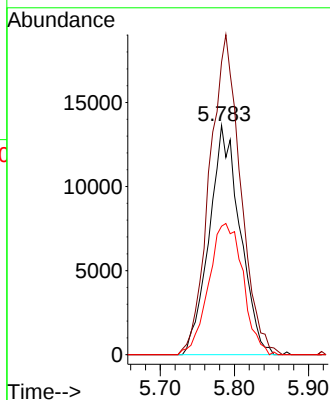
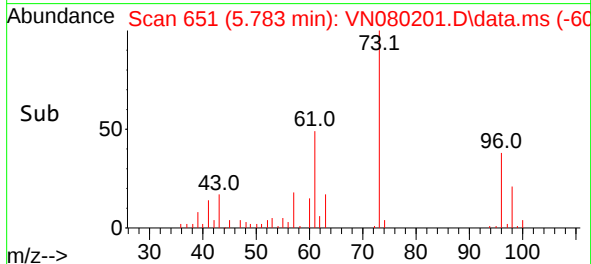
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



Tgt Ion: 96 Resp: 3945  
Ion Ratio Lower Upper  
96 100  
61 127.7 90.1 135.1  
98 56.1 46.4 69.6

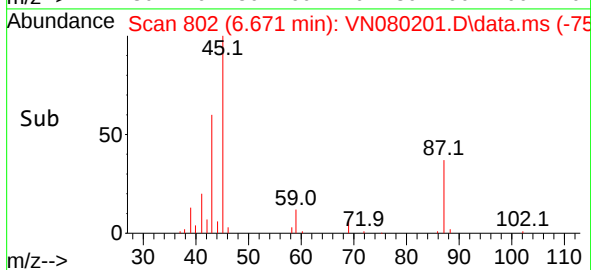
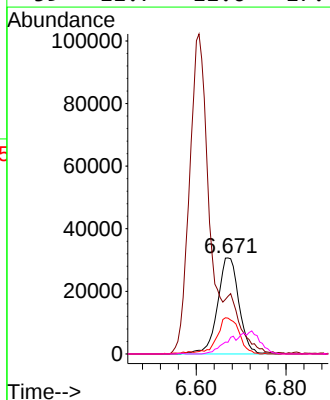
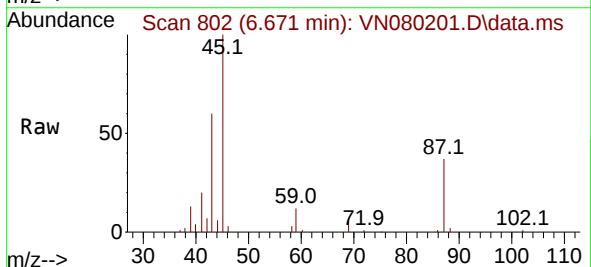
Manual Integrations  
APPROVED

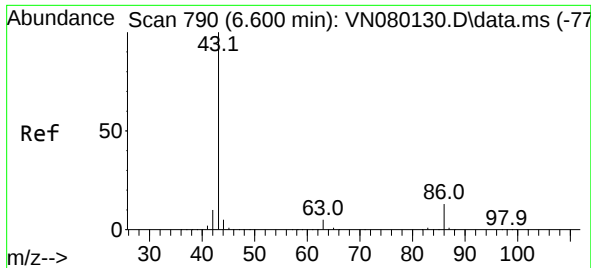
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#22  
Diisopropyl ether  
Concen: 17.676 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Tgt Ion: 45 Resp: 101643  
Ion Ratio Lower Upper  
45 100  
43 58.5 45.5 68.3  
87 37.3 31.8 47.8  
59 11.7 11.6 17.4





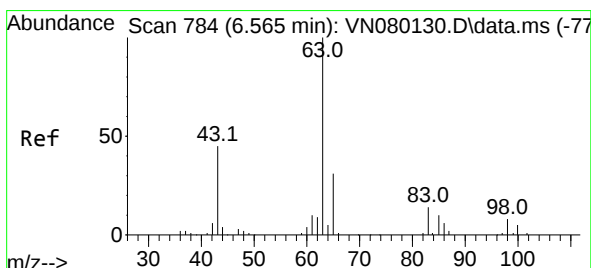
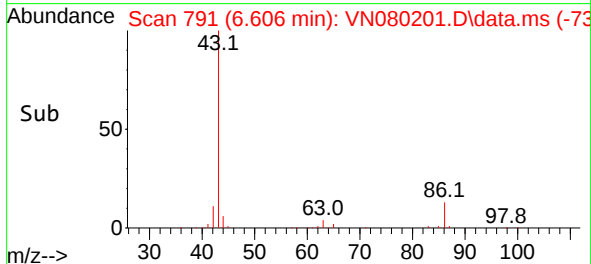
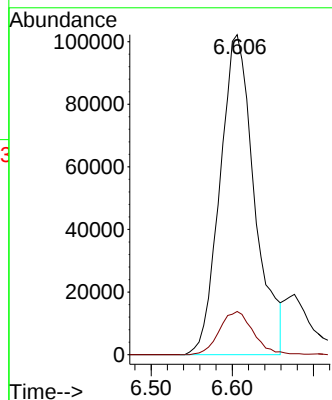
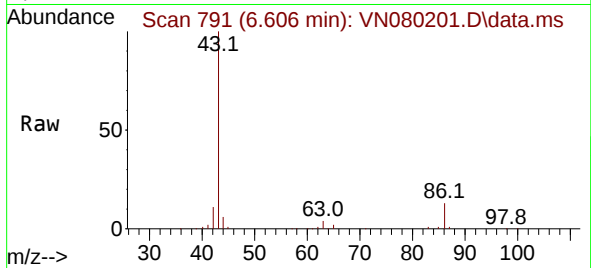
#23  
 Vinyl Acetate  
 Concen: 87.390 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN080201.D  
 Acq: 20 Nov 2023 12:38

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBSD01

Tgt Ion: 43 Resp: 30210  
 Ion Ratio Lower Upper  
 43 100  
 86 13.5 13.0 19.6

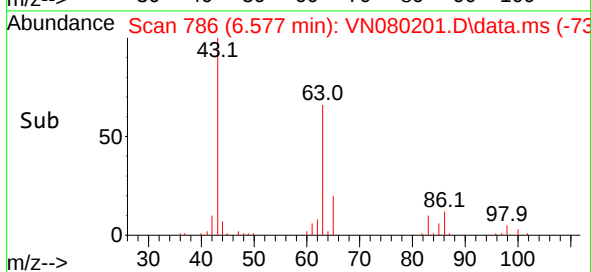
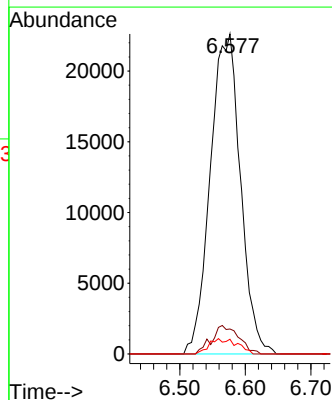
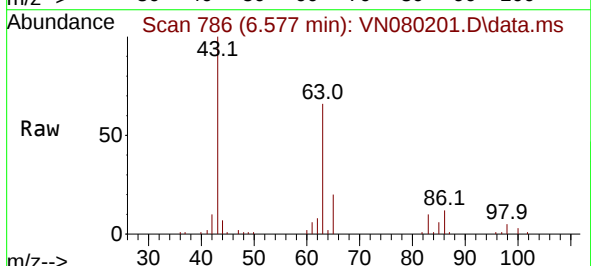
Manual Integrations  
 APPROVED

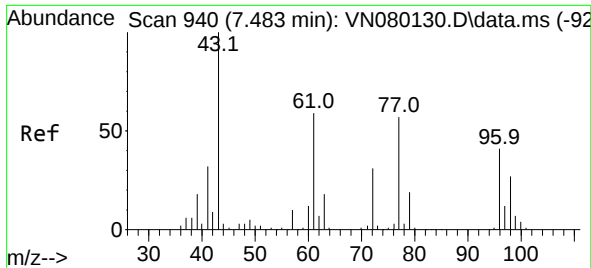
Reviewed By :John Carlone 11/21/2023  
 Supervised By :Mahesh Dadoda 11/21/2023



#24  
 1,1-Dichloroethane  
 Concen: 17.233 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. 0.012 min  
 Lab File: VN080201.D  
 Acq: 20 Nov 2023 12:38

Tgt Ion: 63 Resp: 72174  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.9 11.7  
 100 4.6 2.5 7.4





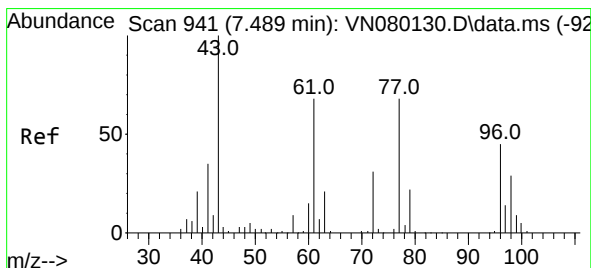
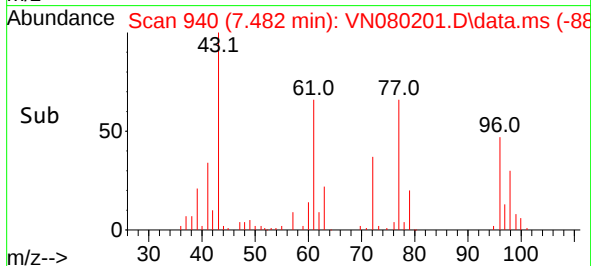
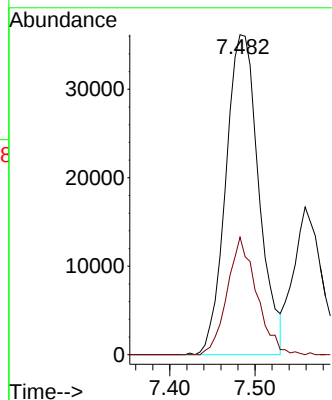
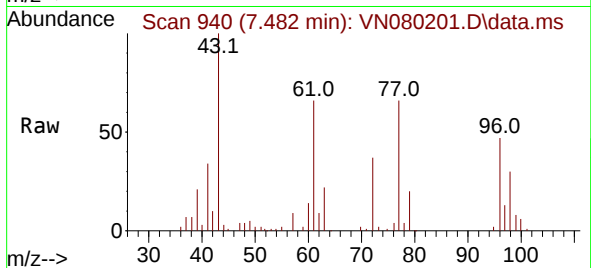
#25  
2-Butanone  
Concen: 75.739 ug/l  
RT: 7.482 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion: 43 Resp: 9754  
Ion Ratio Lower Upper  
43 100  
72 36.7 30.2 45.2

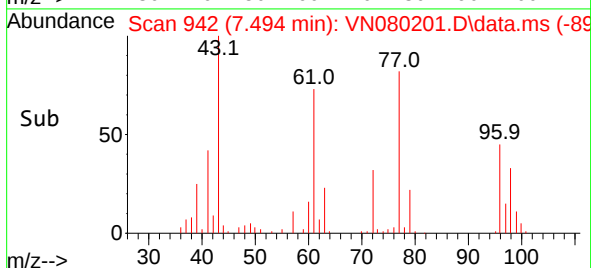
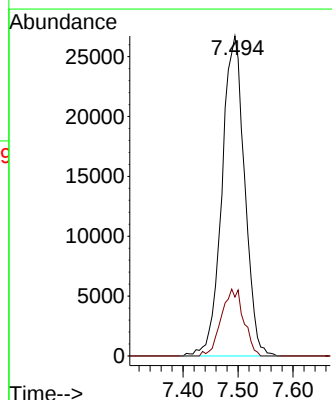
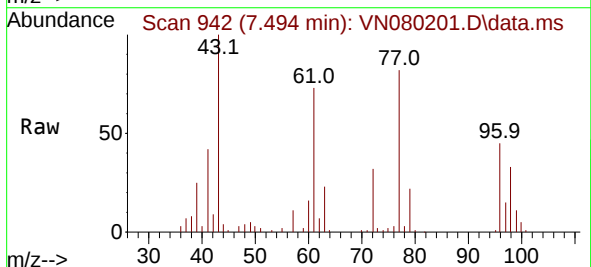
Manual Integrations  
APPROVED

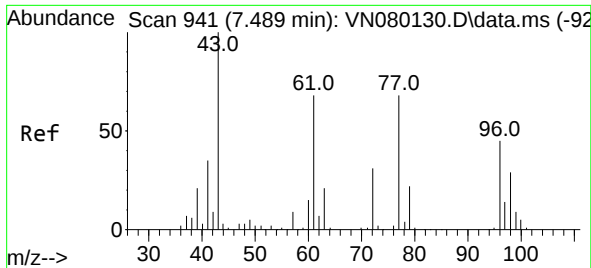
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#26  
2,2-Dichloropropane  
Concen: 18.443 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

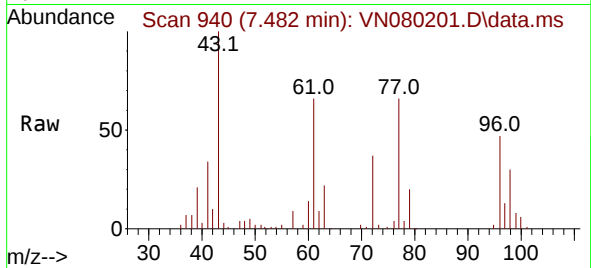
Tgt Ion: 77 Resp: 76634  
Ion Ratio Lower Upper  
77 100  
97 20.7 11.2 33.6





#27  
 cis-1,2-Dichloroethene  
 Concen: 17.158 ug/l  
 RT: 7.482 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: VN080201.D  
 Acq: 20 Nov 2023 12:38

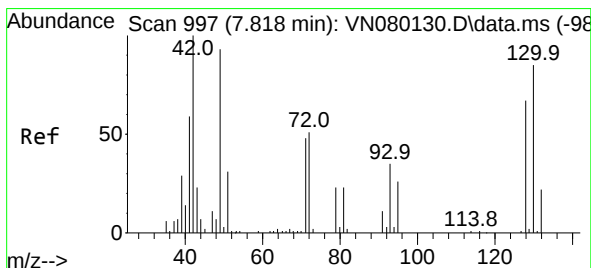
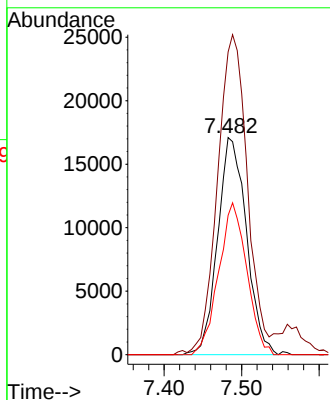
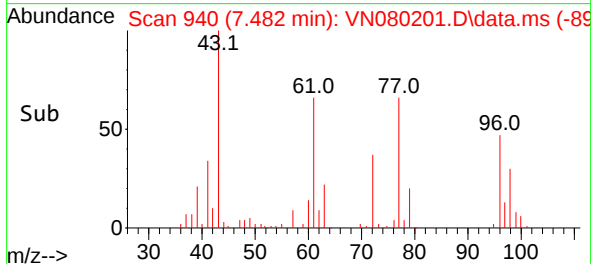
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBSD01



Tgt Ion: 96 Resp: 4414  
 Ion Ratio Lower Upper  
 96 100  
 61 155.3 0.0 255.2  
 98 68.4 0.0 128.8

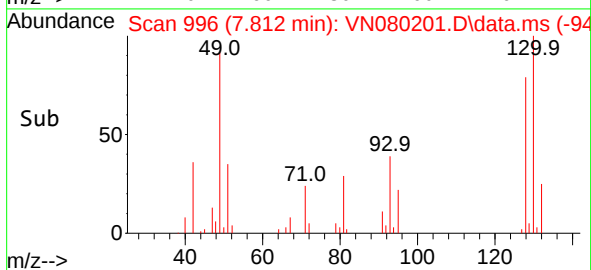
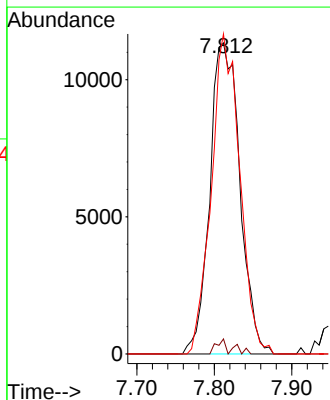
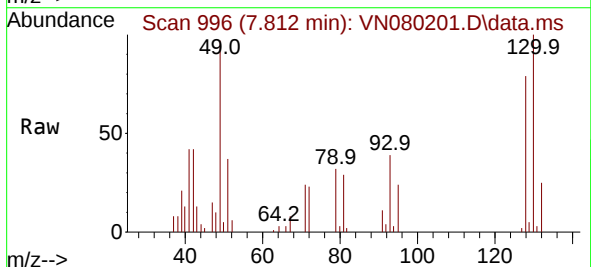
Manual Integrations  
 APPROVED

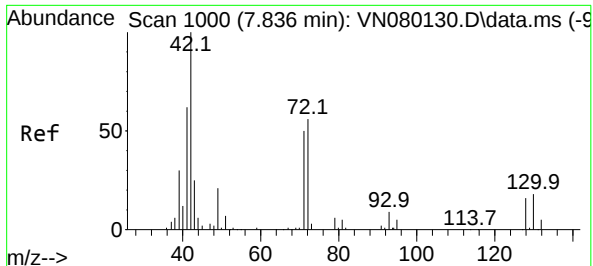
Reviewed By :John Carlone 11/21/2023  
 Supervised By :Mahesh Dadoda 11/21/2023



#28  
 Bromochloromethane  
 Concen: 18.545 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.006 min  
 Lab File: VN080201.D  
 Acq: 20 Nov 2023 12:38

Tgt Ion: 49 Resp: 30534  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 4.8  
 130 97.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 84.685 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD01

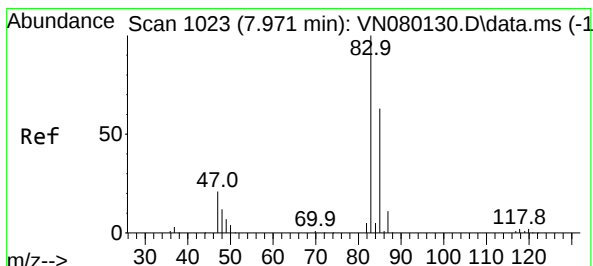
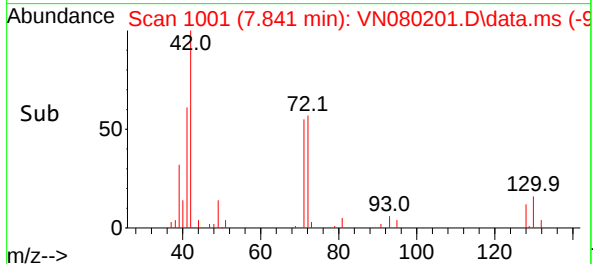
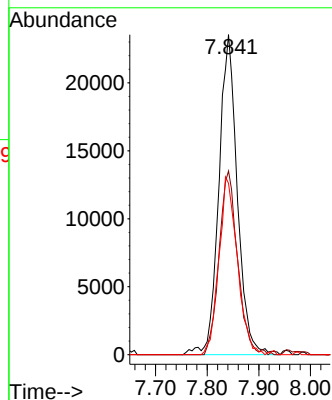
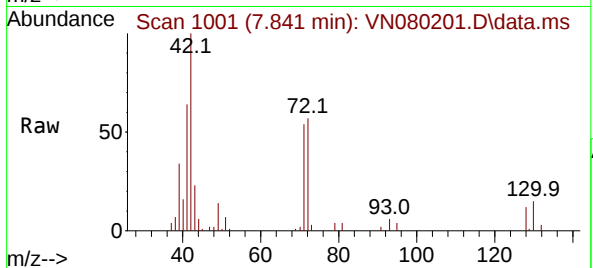
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 5855 |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 57.4  | 49.8  | 74.6 |
| 71        | 55.4  | 47.4  | 71.2 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#30

Chloroform

Concen: 19.173 ug/l

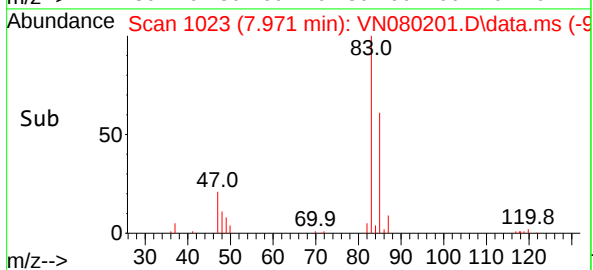
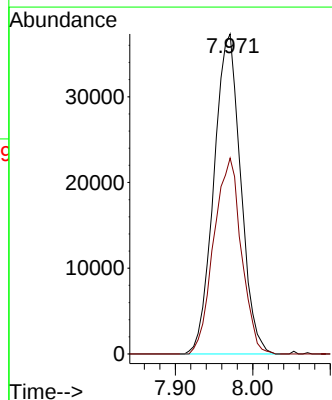
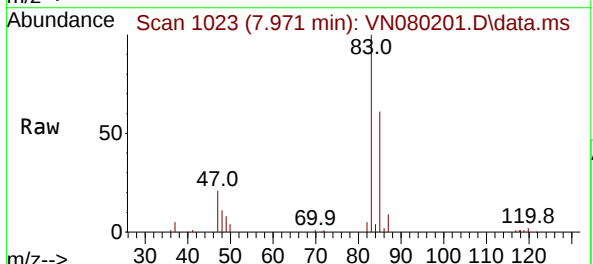
RT: 7.971 min Scan# 1023

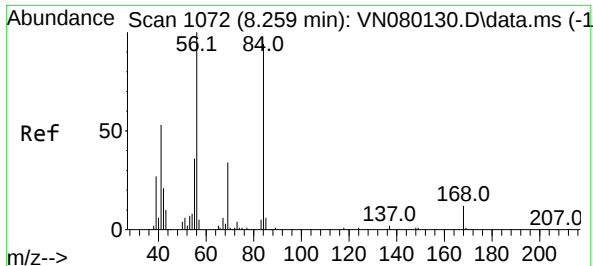
Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

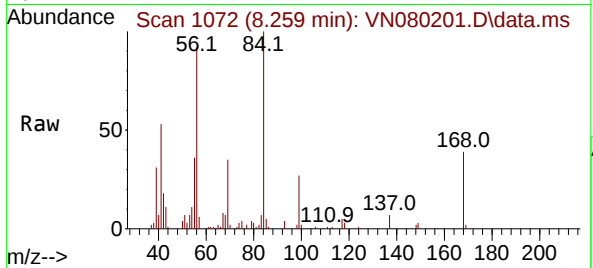
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 89750 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 61.2  | 55.4  | 83.0  |





#31  
Cyclohexane  
Concen: 15.865 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

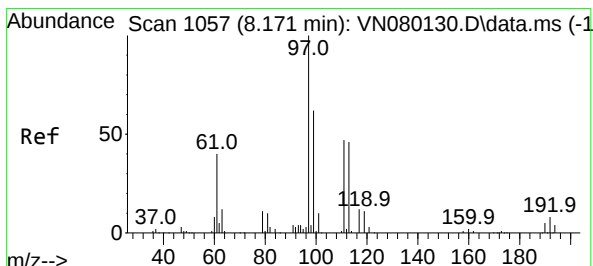
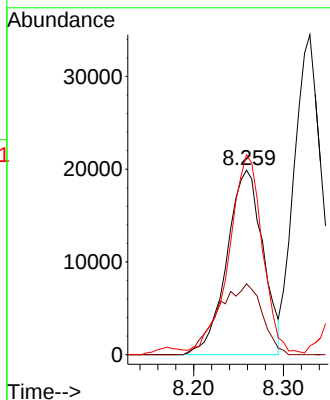
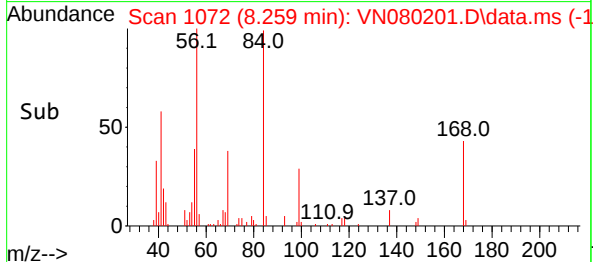
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



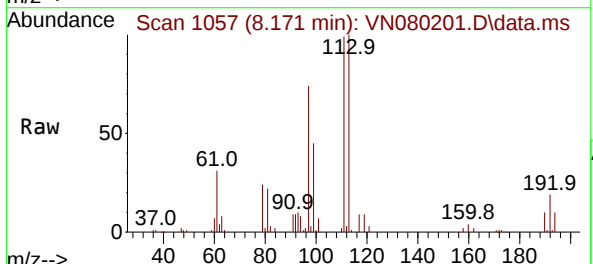
Tgt Ion: 56 Resp: 5568  
Ion Ratio Lower Upper  
56 100  
69 38.4 26.8 40.2  
84 105.4 81.8 122.6

Manual Integrations  
APPROVED

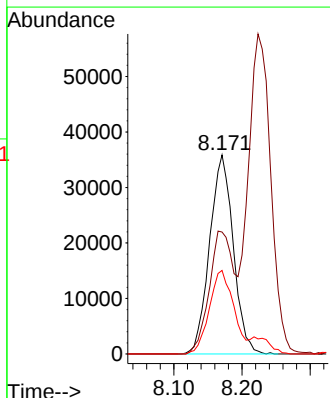
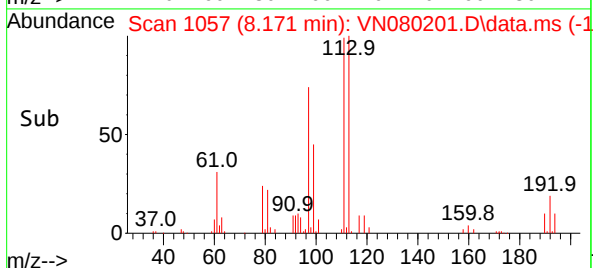
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023

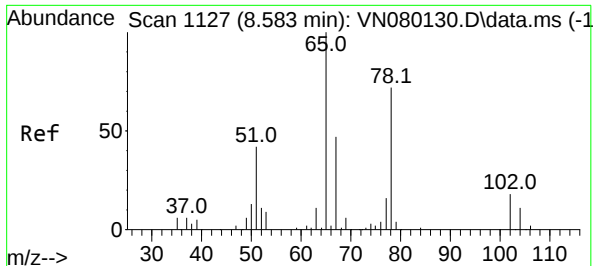


#32  
1,1,1-Trichloroethane  
Concen: 18.955 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38



Tgt Ion: 97 Resp: 86532  
Ion Ratio Lower Upper  
97 100  
99 65.1 50.3 75.5  
61 44.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.587 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 65 Resp: 16648

Ion Ratio Lower Upper

65 100

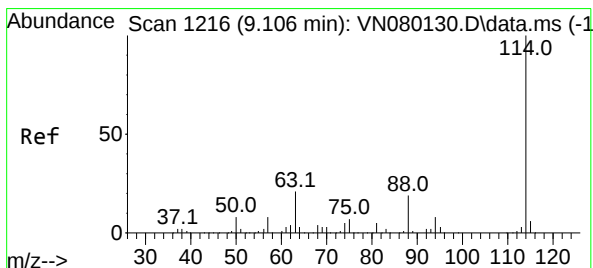
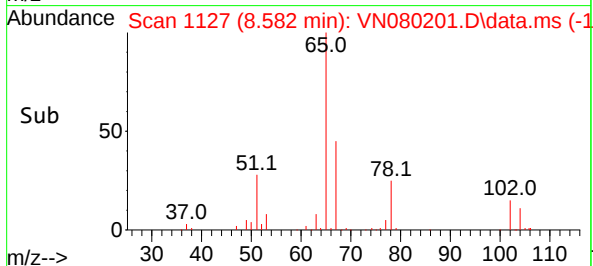
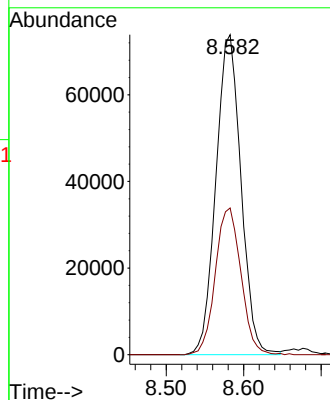
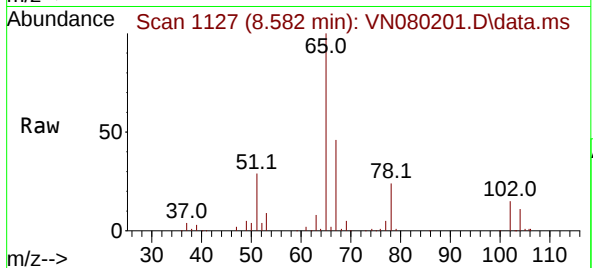
67 46.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

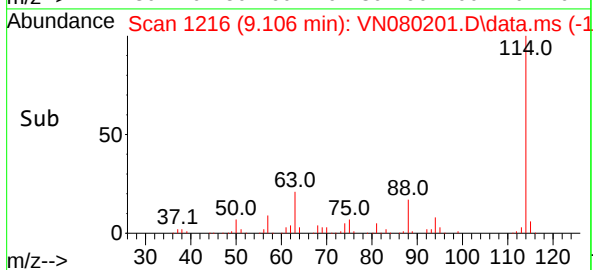
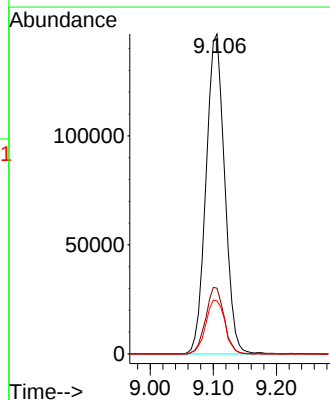
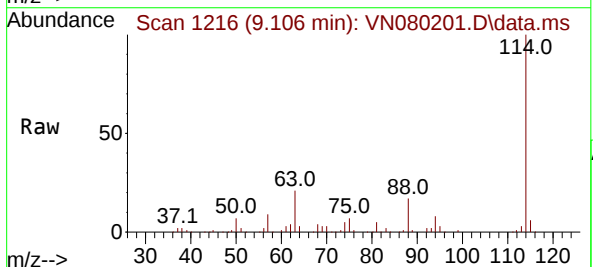
Tgt Ion:114 Resp: 300490

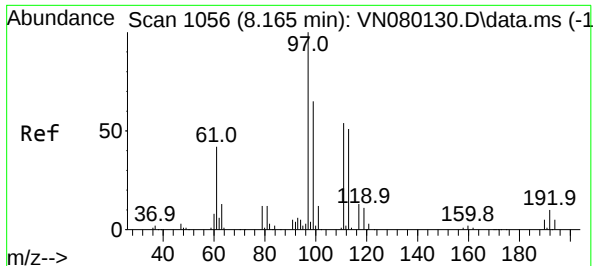
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.088 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD01

Tgt Ion:113 Resp: 113274

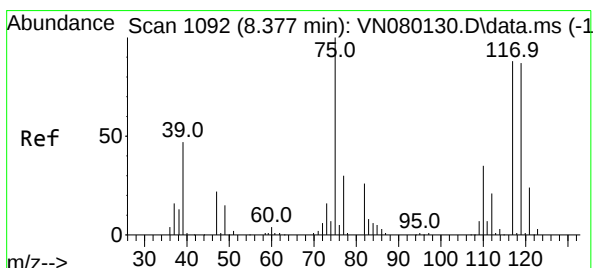
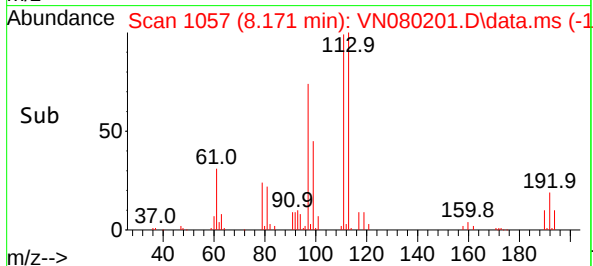
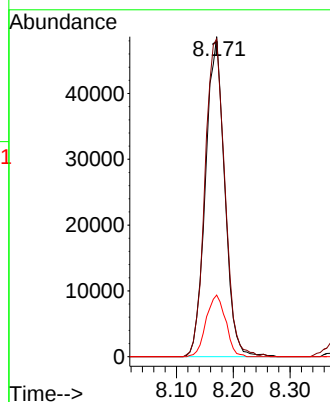
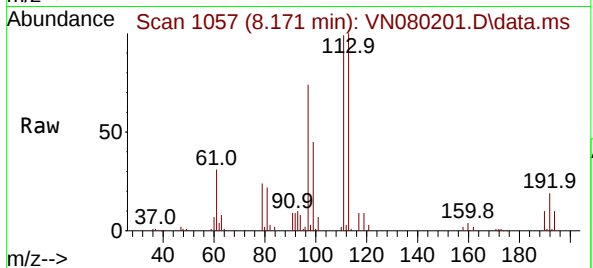
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 103.1 | 82.6  | 123.8 |
| 192 | 19.7  | 12.7  | 19.1  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#36

1,1-Dichloropropene

Concen: 18.610 ug/l

RT: 8.371 min Scan# 1091

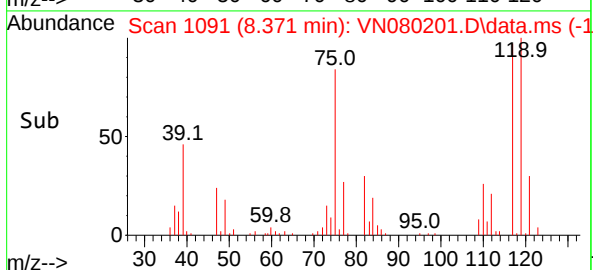
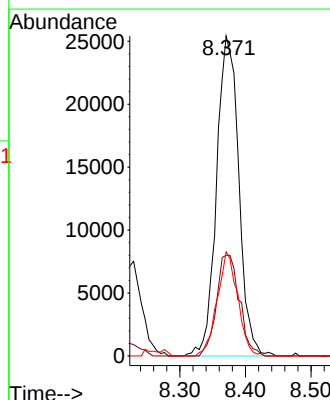
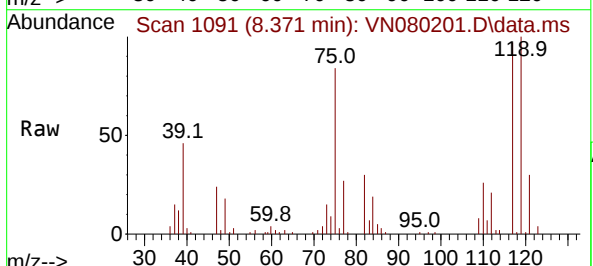
Delta R.T. -0.006 min

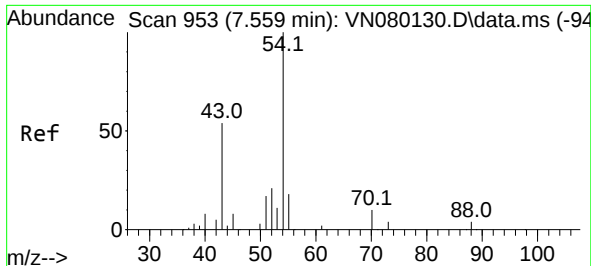
Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Tgt Ion: 75 Resp: 59739

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 32.5  | 19.1  | 57.3  |
| 77  | 30.2  | 25.0  | 37.4  |





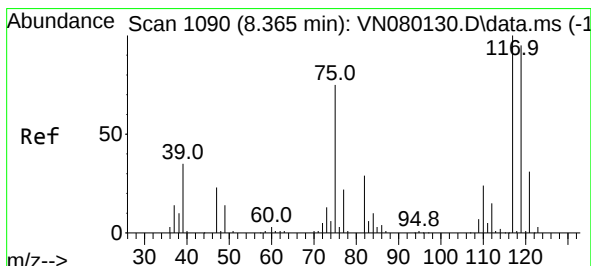
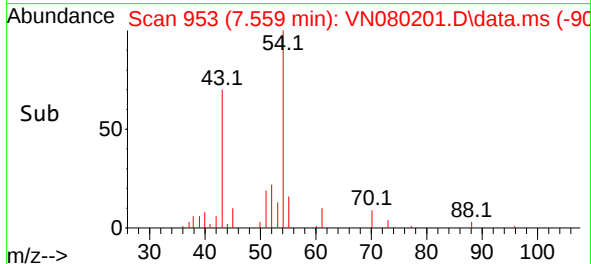
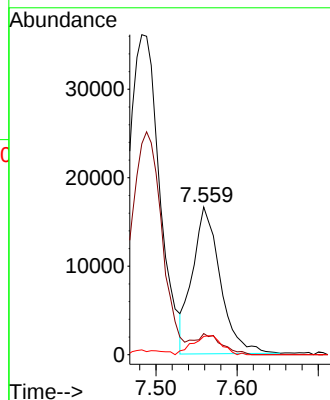
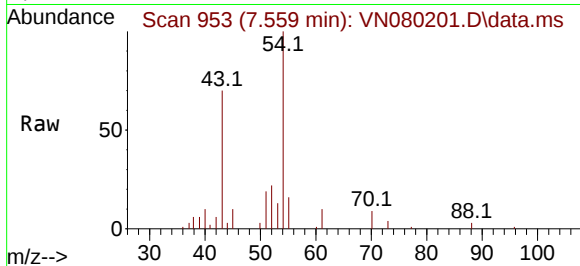
#37  
Ethyl Acetate  
Concen: 17.786 ug/l  
RT: 7.559 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion: 43 Resp: 3960  
Ion Ratio Lower Upper  
43 100  
61 11.6 13.2 19.8  
70 13.6 11.3 16.9

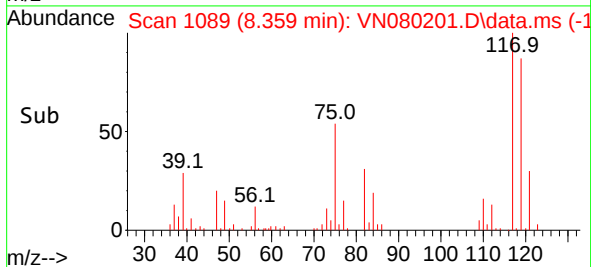
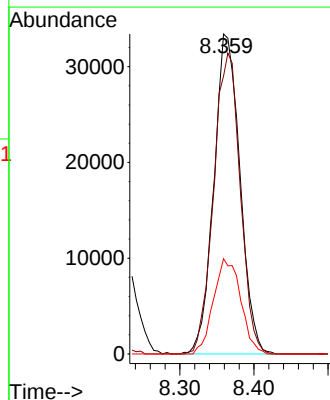
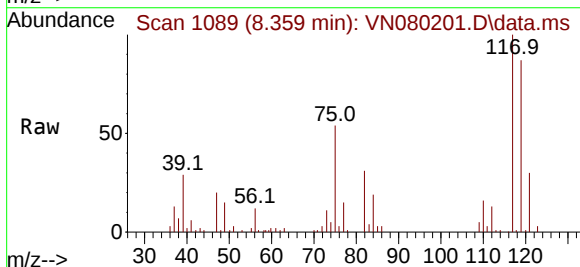
Manual Integrations  
APPROVED

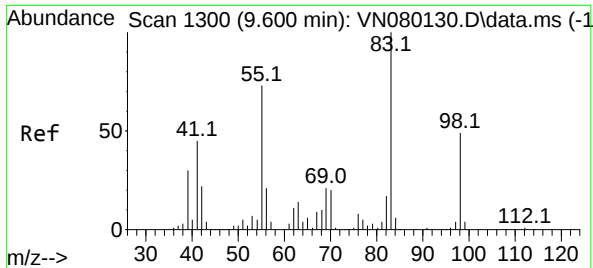
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#38  
Carbon Tetrachloride  
Concen: 20.104 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

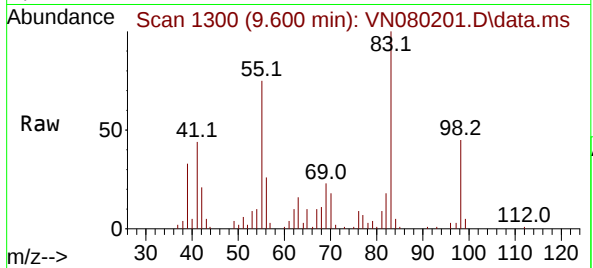
Tgt Ion:117 Resp: 81896  
Ion Ratio Lower Upper  
117 100  
119 86.8 77.3 115.9  
121 29.8 23.3 34.9





#39  
Methylcyclohexane  
Concen: 16.937 ug/l  
RT: 9.600 min Scan# 11300  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

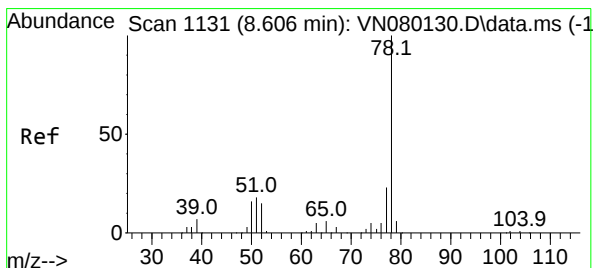
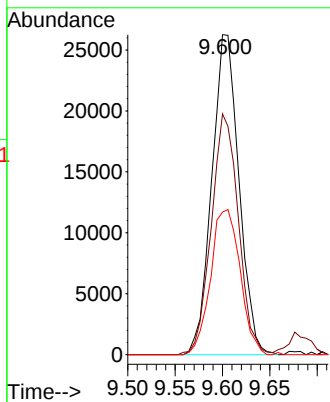
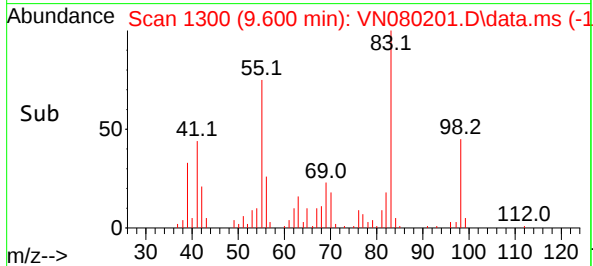
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



Tgt Ion: 83 Resp: 5242  
Ion Ratio Lower Upper  
83 100  
55 75.3 49.1 73.7  
98 44.5 40.6 61.0

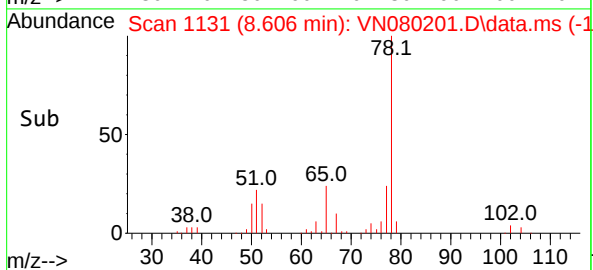
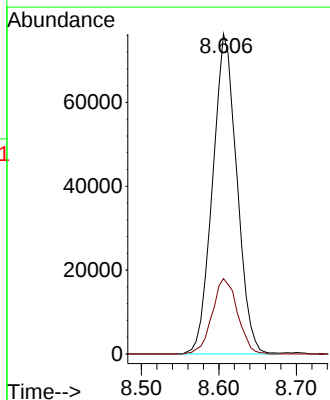
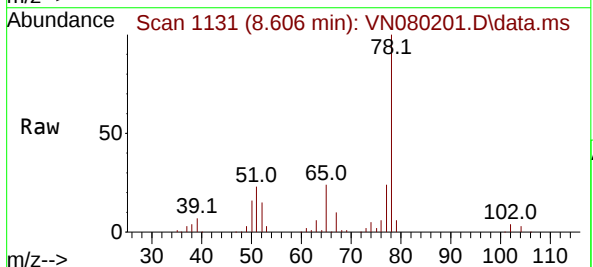
Manual Integrations  
APPROVED

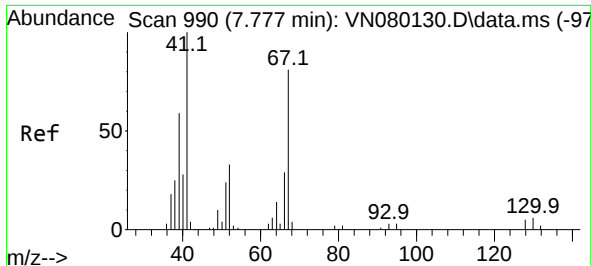
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#40  
Benzene  
Concen: 18.242 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

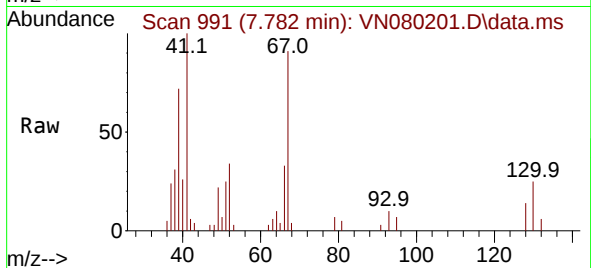
Tgt Ion: 78 Resp: 166427  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.0 28.6





#41  
Methacrylonitrile  
Concen: 17.693 ug/l  
RT: 7.782 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

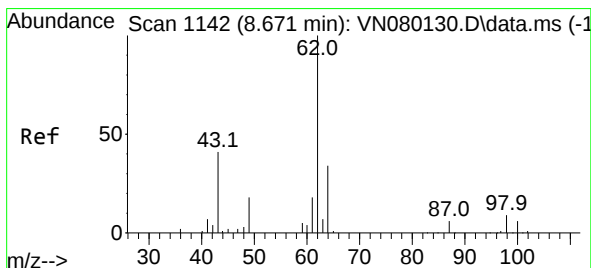
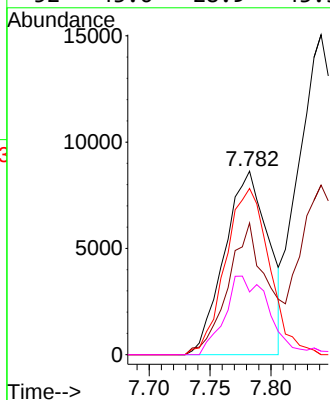
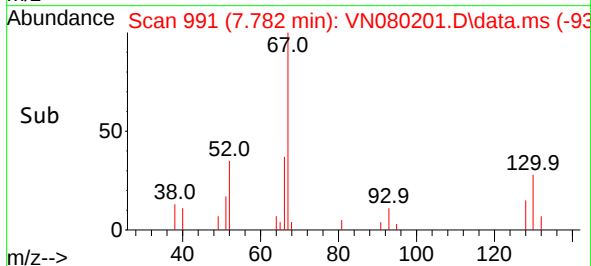
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



Tgt Ion: 41 Resp: 2163  
Ion Ratio Lower Upper  
41 100  
39 65.9 42.6 64.0  
67 90.7 77.5 116.3  
52 43.6 28.9 43.3#

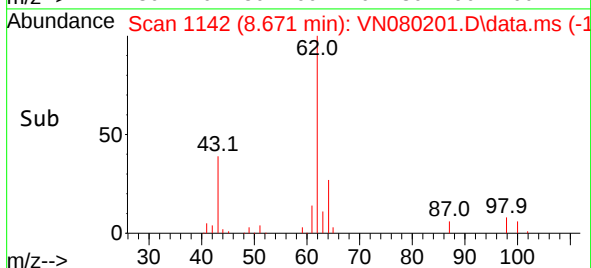
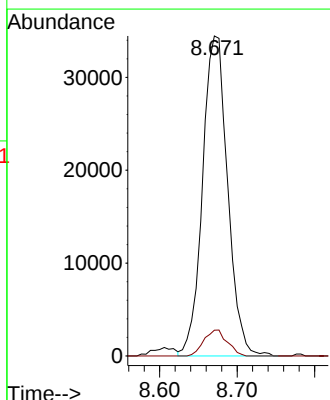
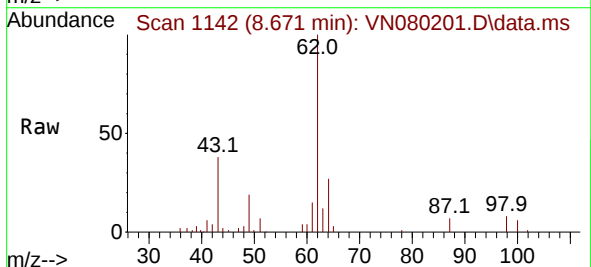
Manual Integrations  
APPROVED

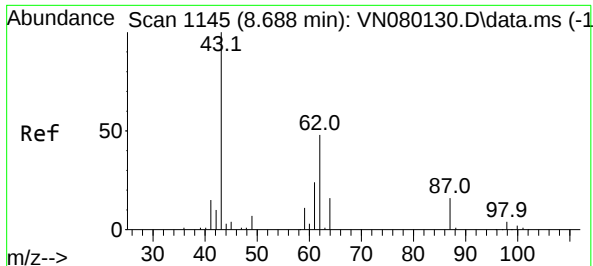
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#42  
1,2-Dichloroethane  
Concen: 20.757 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Tgt Ion: 62 Resp: 77479  
Ion Ratio Lower Upper  
62 100  
98 7.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 15.859 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 43 Resp: 68715

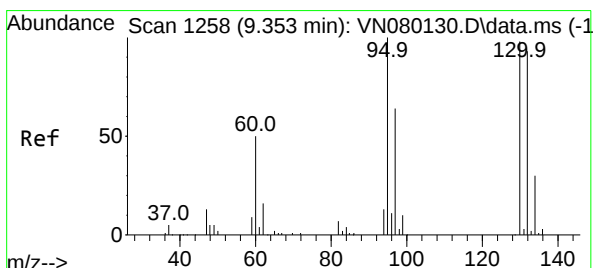
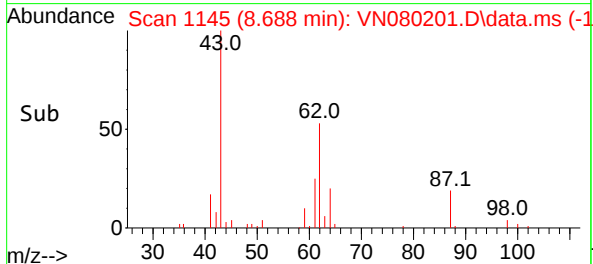
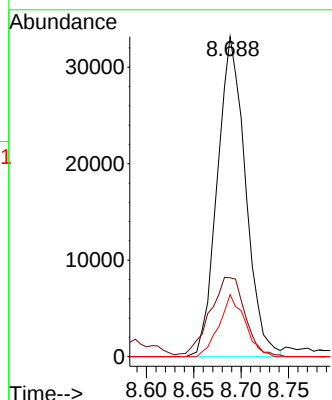
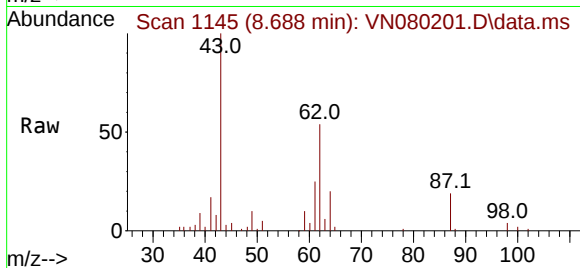
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 30.9  | 24.7  | 37.1  |
| 87  | 17.8  | 14.6  | 21.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#44

Trichloroethene

Concen: 18.112 ug/l

RT: 9.353 min Scan# 1258

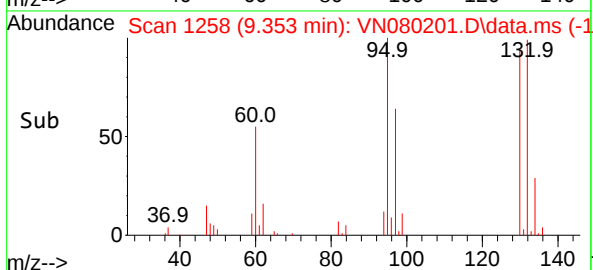
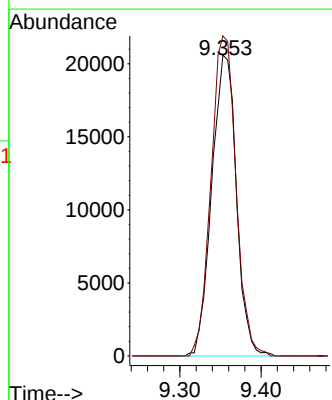
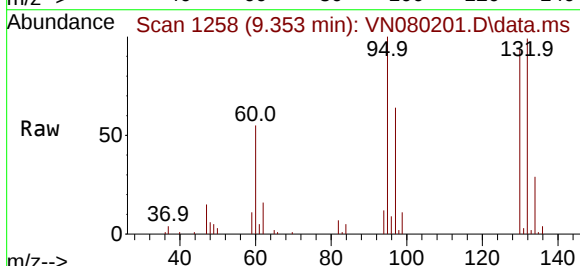
Delta R.T. -0.000 min

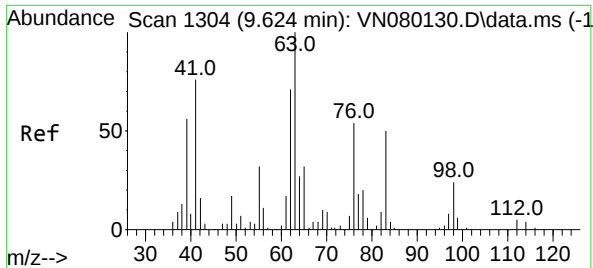
Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Tgt Ion:130 Resp: 43346

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 106.3 | 0.0   | 204.6 |





#45

1,2-Dichloropropane

Concen: 18.908 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 63 Resp: 40090

Ion Ratio Lower Upper

63 100

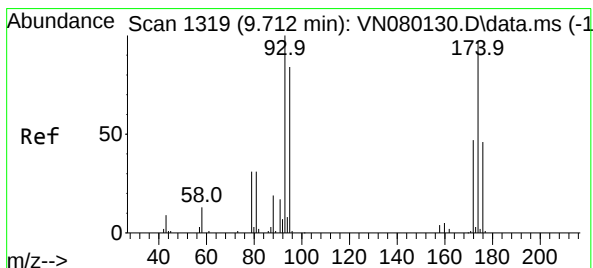
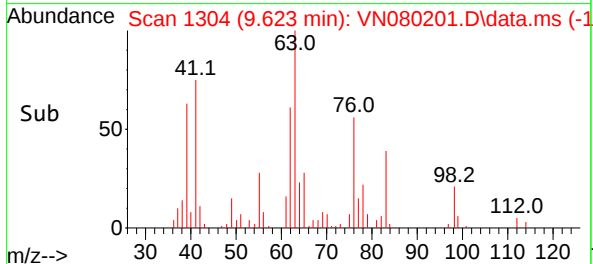
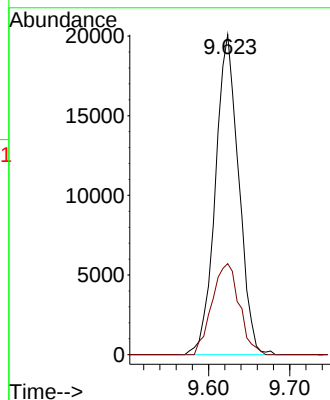
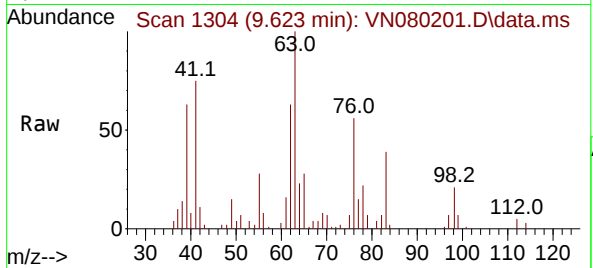
65 28.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#46

Dibromomethane

Concen: 19.636 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

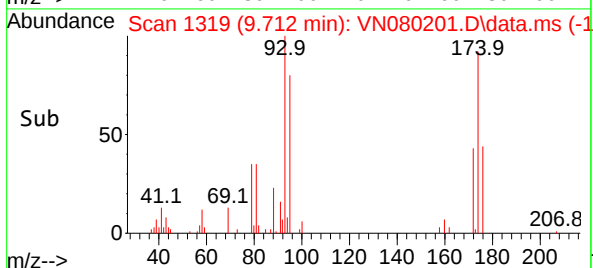
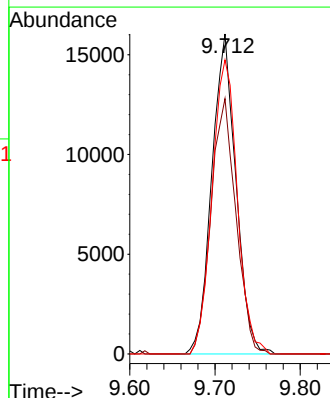
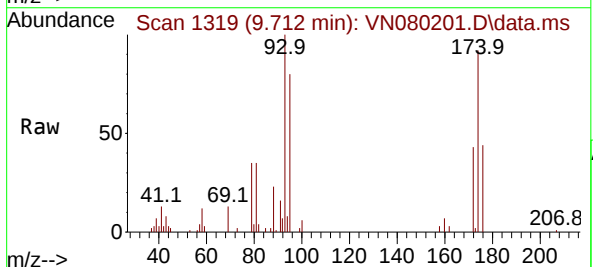
Tgt Ion: 93 Resp: 31514

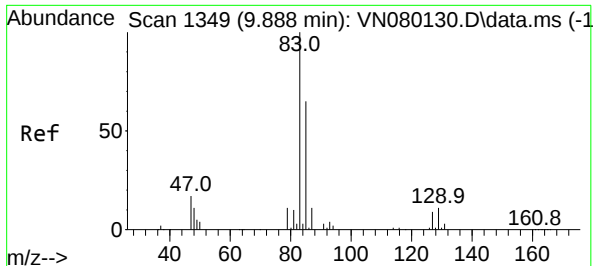
Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

174 96.1 65.6 98.4





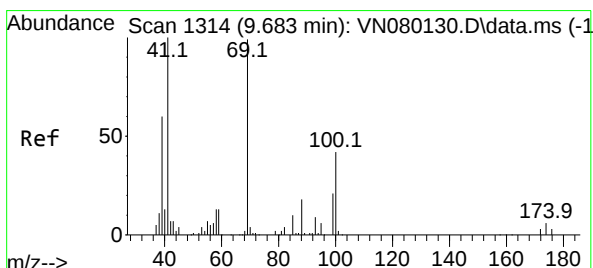
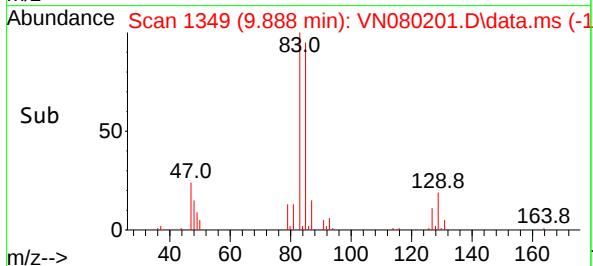
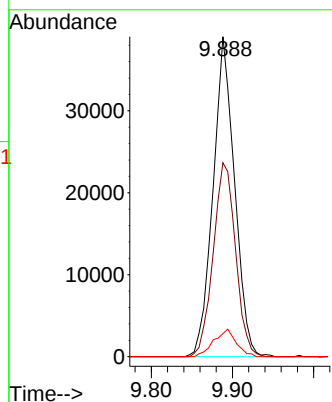
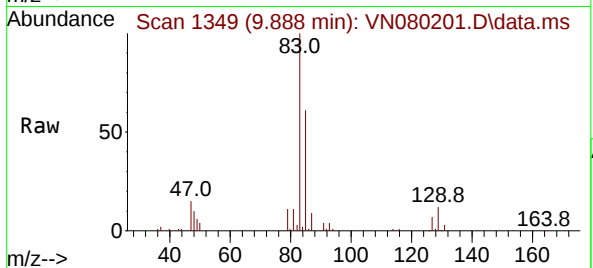
#47  
Bromodichloromethane  
Concen: 20.365 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion: 83 Resp: 71890  
Ion Ratio Lower Upper  
83 100  
85 60.6 49.6 74.4  
127 7.2 7.0 10.6

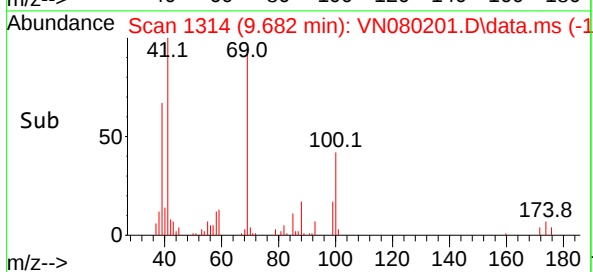
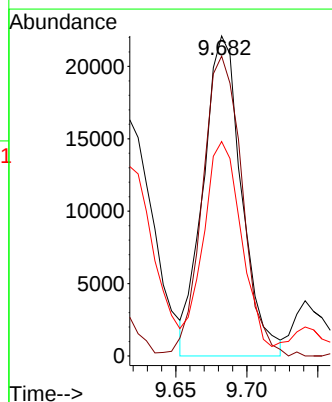
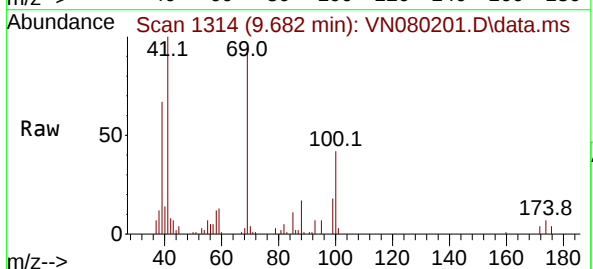
Manual Integrations  
APPROVED

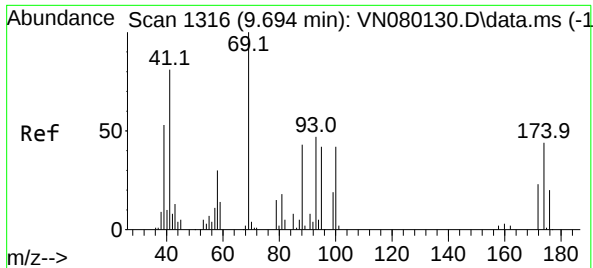
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#48  
Methyl methacrylate  
Concen: 18.629 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

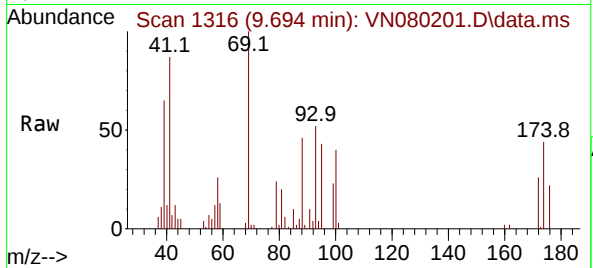
Tgt Ion: 41 Resp: 41597  
Ion Ratio Lower Upper  
41 100  
69 96.9 90.4 135.6  
39 67.7 54.6 81.8





#49  
1,4-Dioxane  
Concen: 353.506 ug/l  
RT: 9.694 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

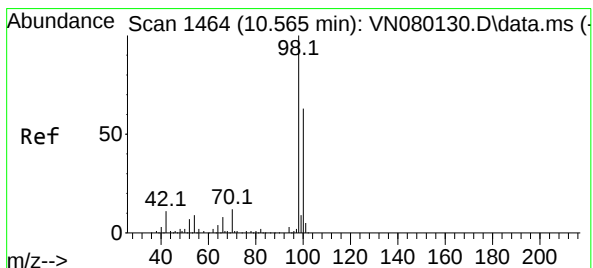
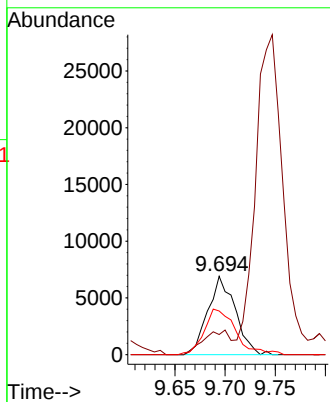
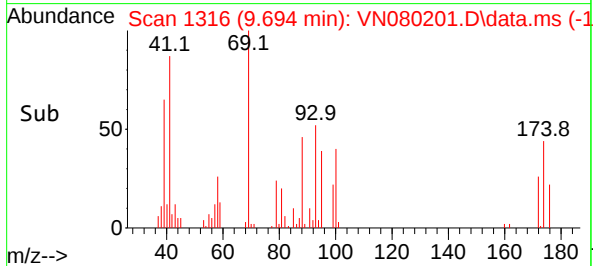
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



Tgt Ion: 88 Resp: 1313  
Ion Ratio Lower Upper  
88 100  
43 29.5 17.0 25.6  
58 66.8 47.0 70.4

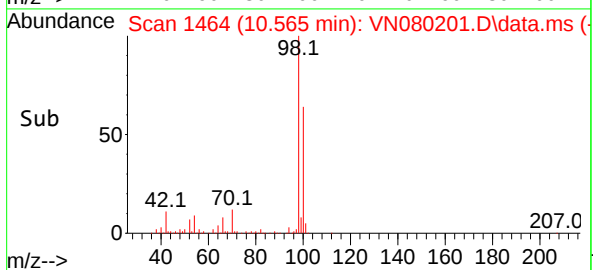
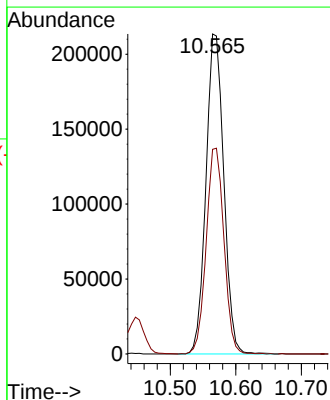
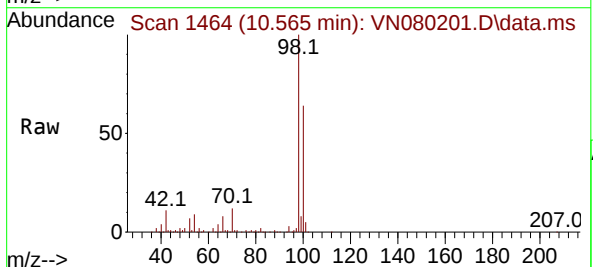
Manual Integrations  
APPROVED

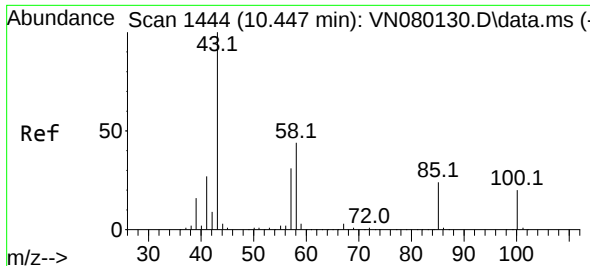
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#50  
Toluene-d8  
Concen: 50.442 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

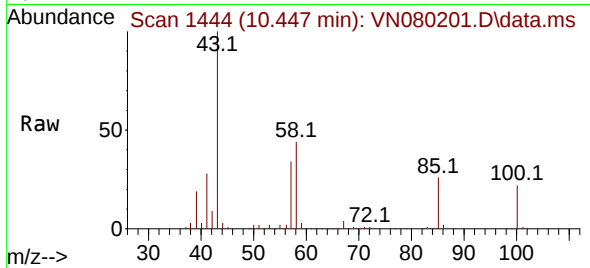
Tgt Ion: 98 Resp: 403161  
Ion Ratio Lower Upper  
98 100  
100 64.1 52.0 78.0





#51  
4-Methyl-2-Pentanone  
Concen: 89.382 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

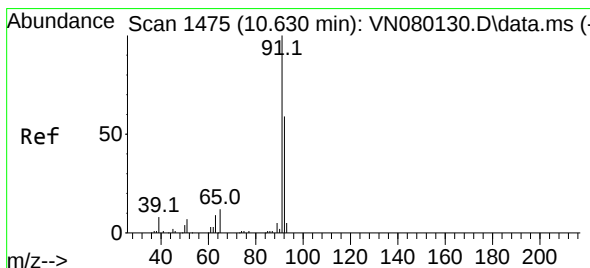
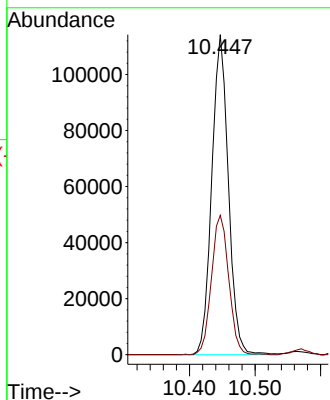
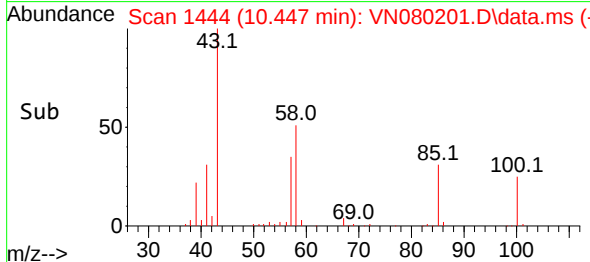
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



Tgt Ion: 43 Resp: 200509  
Ion Ratio Lower Upper  
43 100  
58 45.4 36.6 54.8

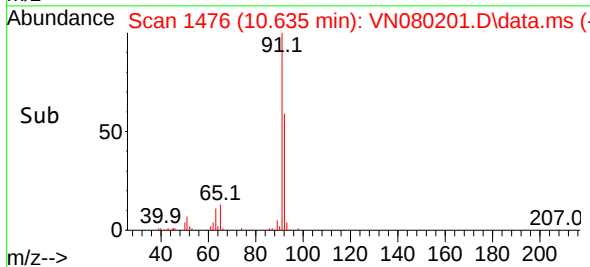
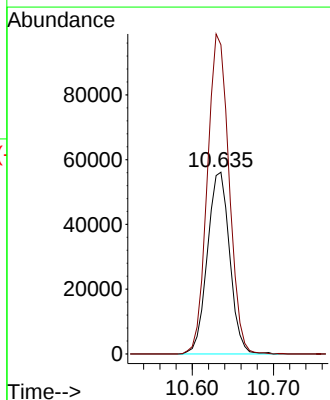
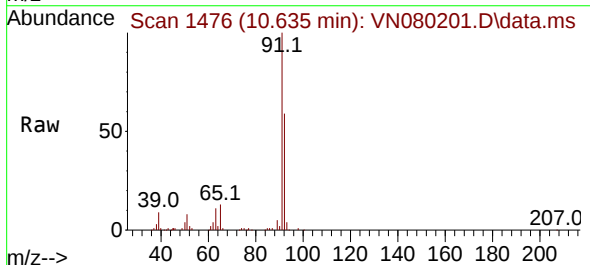
Manual Integrations  
APPROVED

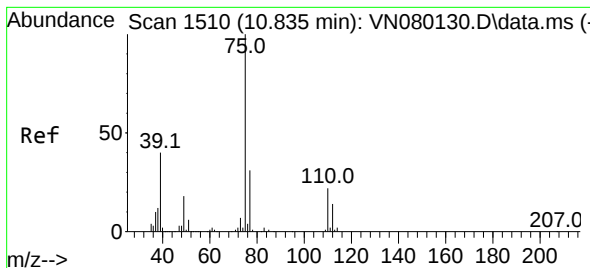
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#52  
Toluene  
Concen: 18.722 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Tgt Ion: 92 Resp: 106899  
Ion Ratio Lower Upper  
92 100  
91 171.7 137.4 206.0





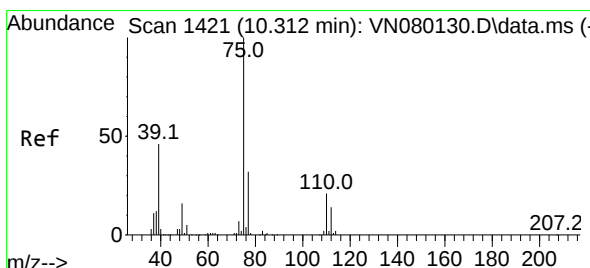
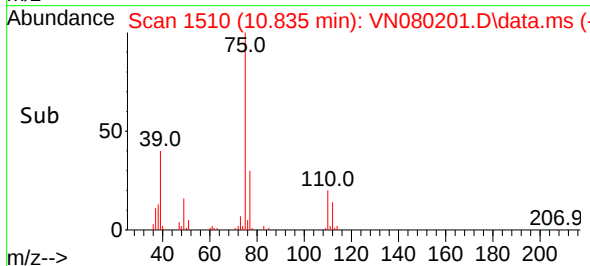
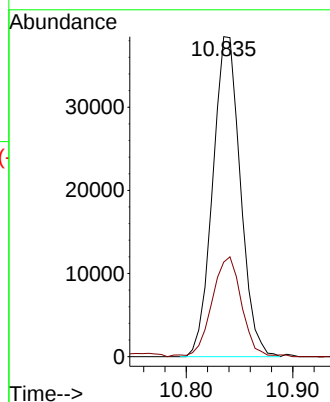
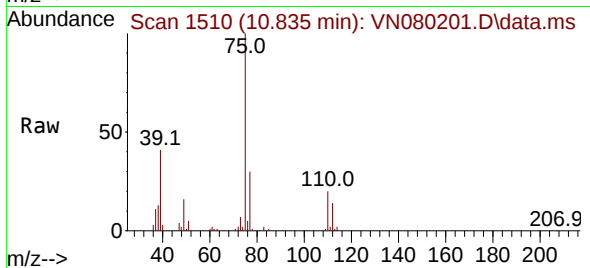
#53  
t-1,3-Dichloropropene  
Concen: 19.142 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion: 75 Resp: 6943  
Ion Ratio Lower Upper  
75 100  
77 29.0 25.4 38.0

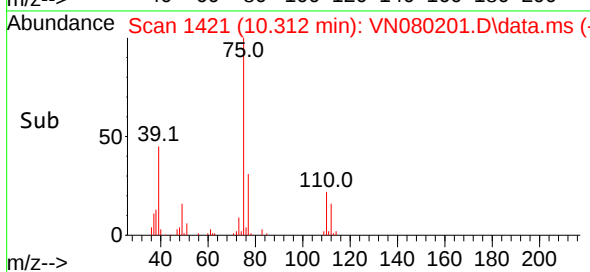
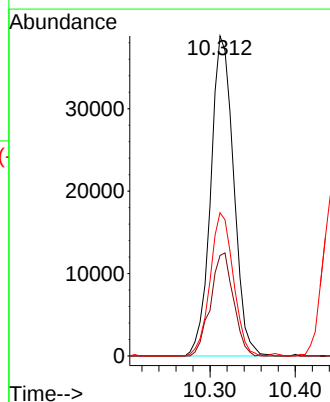
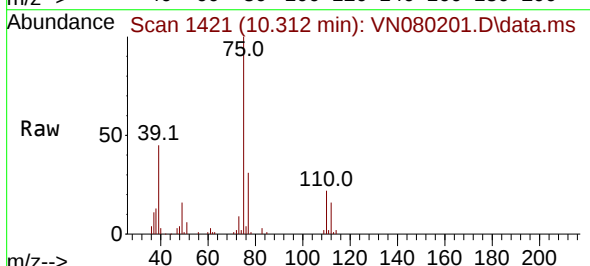
Manual Integrations  
APPROVED

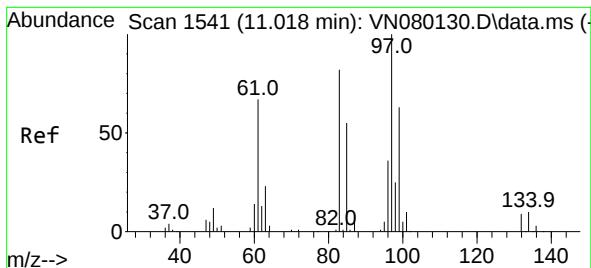
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#54  
cis-1,3-Dichloropropene  
Concen: 19.596 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

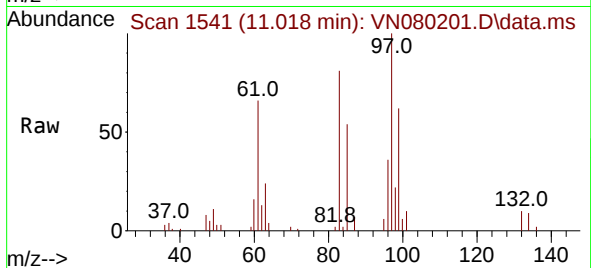
Tgt Ion: 75 Resp: 72617  
Ion Ratio Lower Upper  
75 100  
77 31.4 26.1 39.1  
39 44.8 31.6 47.4





#55  
1,1,2-Trichloroethane  
Concen: 19.184 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

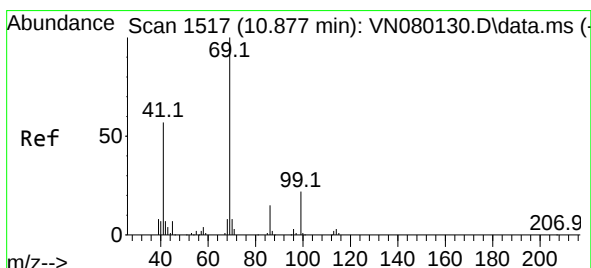
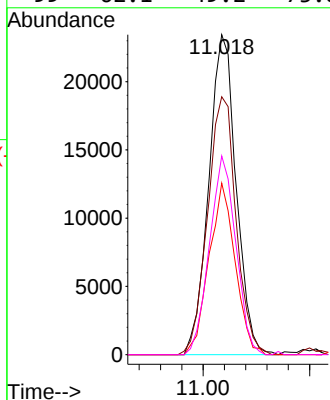
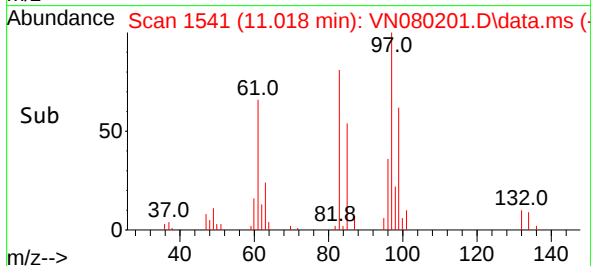
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



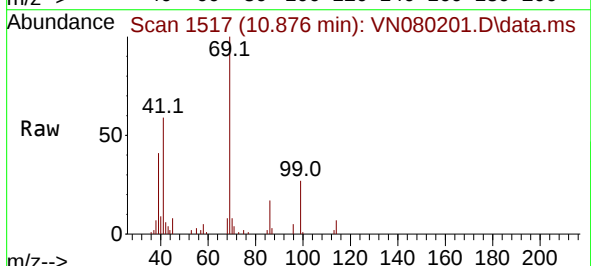
| Tgt Ion:  | 97   | Resp: | 4180  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 97        | 100  |       |       |
| 83        | 80.6 | 65.1  | 97.7  |
| 85        | 53.6 | 43.4  | 65.2  |
| 99        | 62.1 | 49.2  | 73.8  |

Manual Integrations  
APPROVED

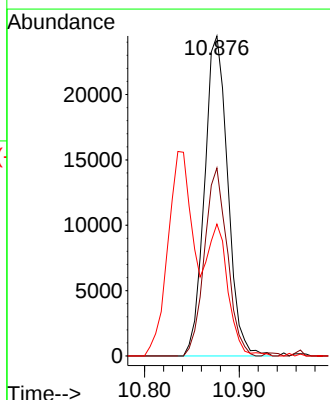
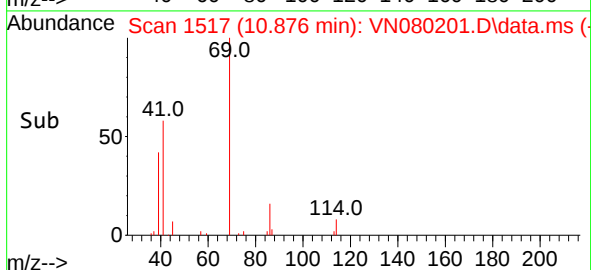
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023

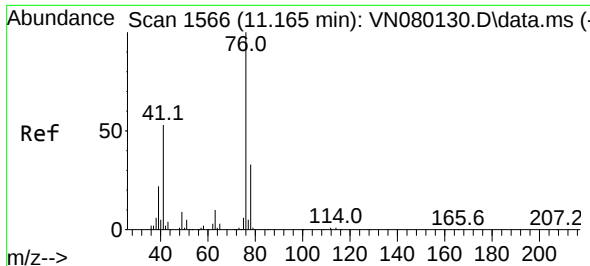


#56  
Ethyl methacrylate  
Concen: 18.674 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38



| Tgt Ion:  | 69   | Resp: | 41574 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 69        | 100  |       |       |
| 41        | 57.9 | 39.6  | 59.4  |
| 39        | 38.1 | 28.6  | 43.0  |





#57

1,3-Dichloropropane

Concen: 19.190 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 76 Resp: 73014

Ion Ratio Lower Upper

76 100

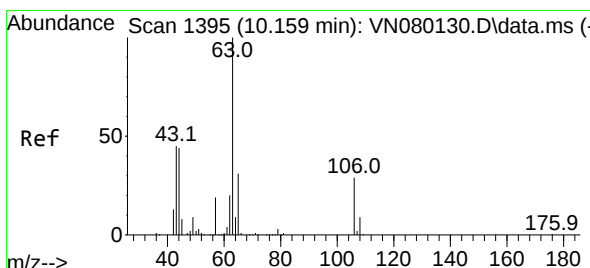
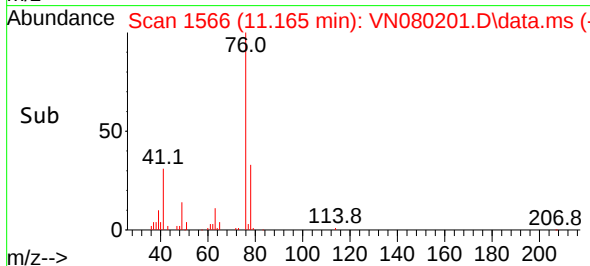
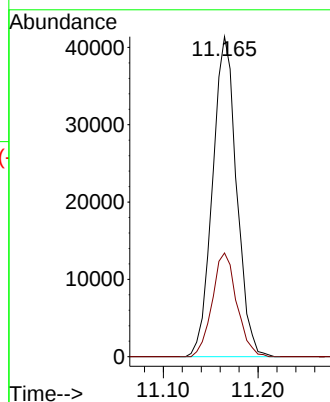
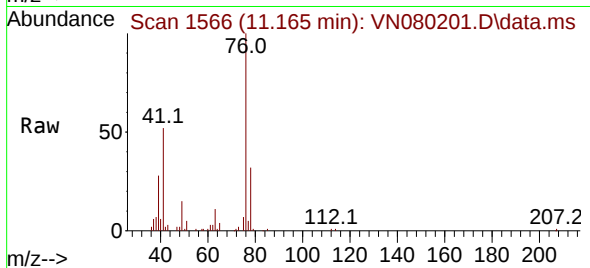
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.883 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080201.D

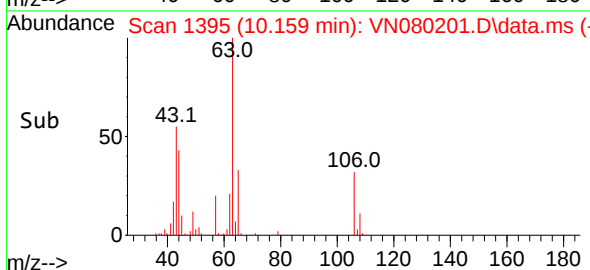
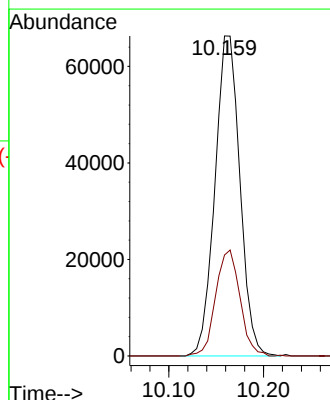
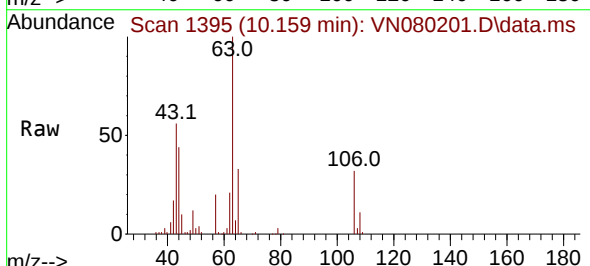
Acq: 20 Nov 2023 12:38

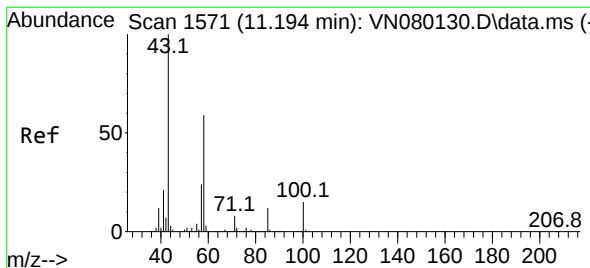
Tgt Ion: 63 Resp: 121511

Ion Ratio Lower Upper

63 100

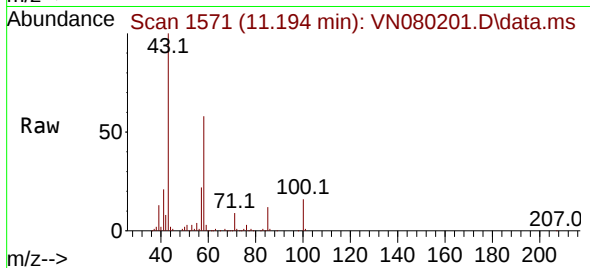
106 32.2 26.2 39.4





#59  
2-Hexanone  
Concen: 84.575 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

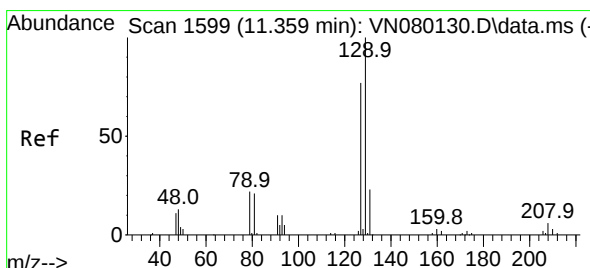
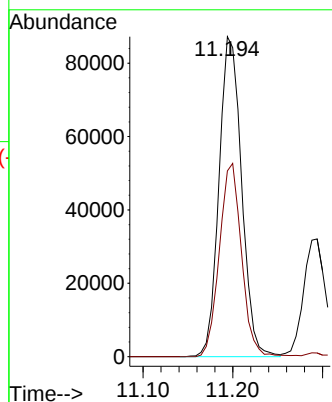
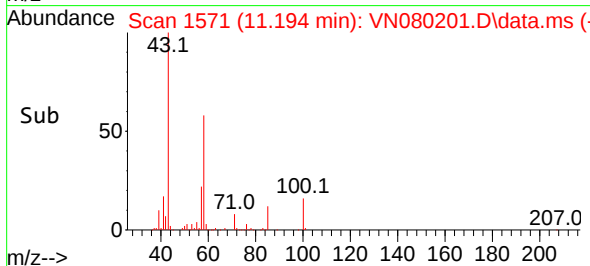
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



Tgt Ion: 43 Resp: 152450  
Ion Ratio Lower Upper  
43 100  
58 59.4 31.7 95.1

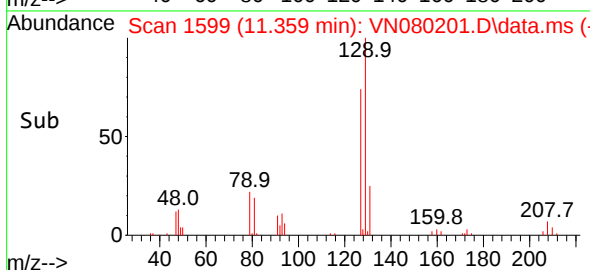
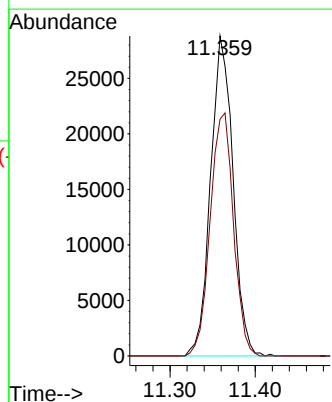
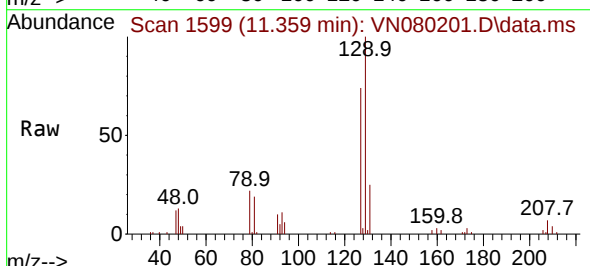
Manual Integrations  
APPROVED

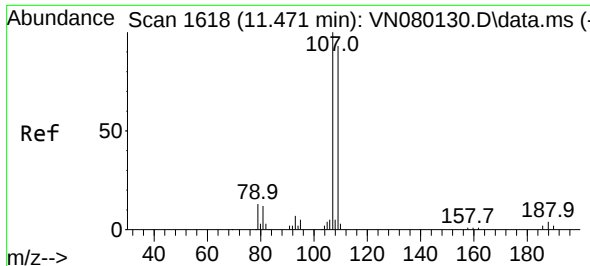
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#60  
Dibromochloromethane  
Concen: 20.155 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Tgt Ion:129 Resp: 52583  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.6 116.0





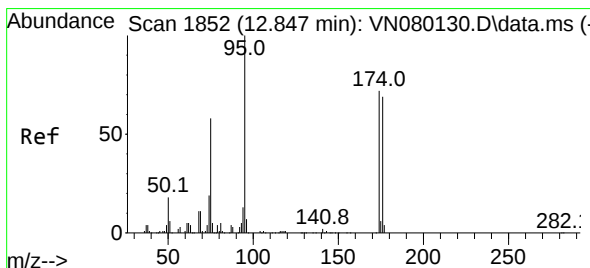
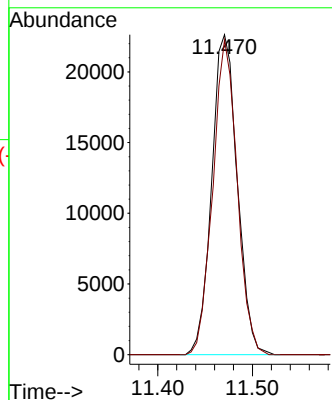
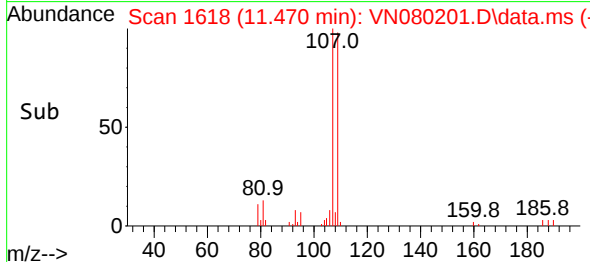
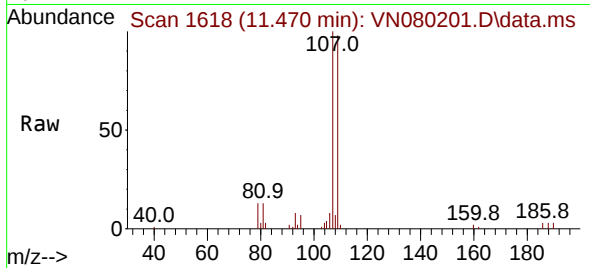
#61  
1,2-Dibromoethane  
Concen: 19.094 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion:107 Resp: 42449  
Ion Ratio Lower Upper  
107 100  
109 93.9 76.6 114.8

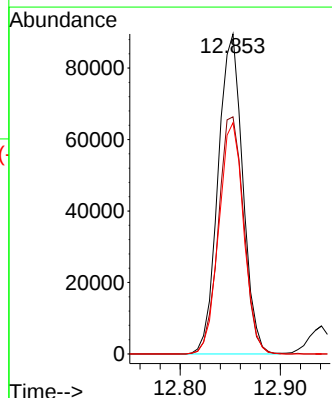
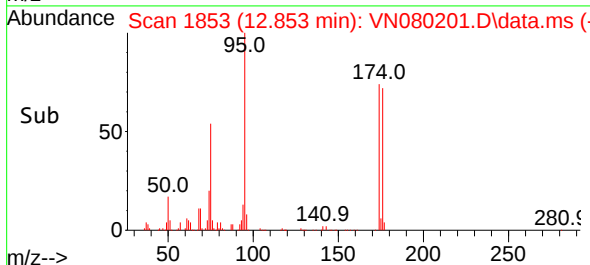
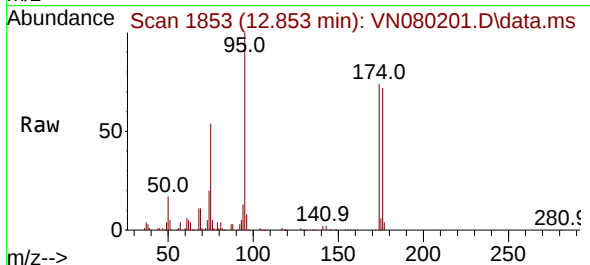
Manual Integrations  
APPROVED

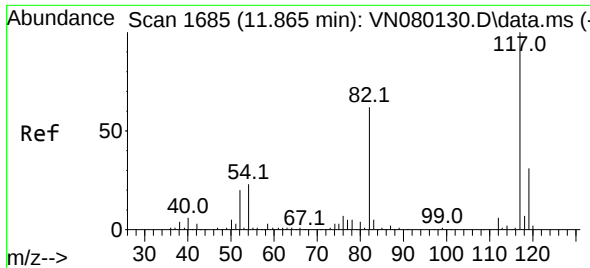
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#62  
4-Bromofluorobenzene  
Concen: 50.582 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

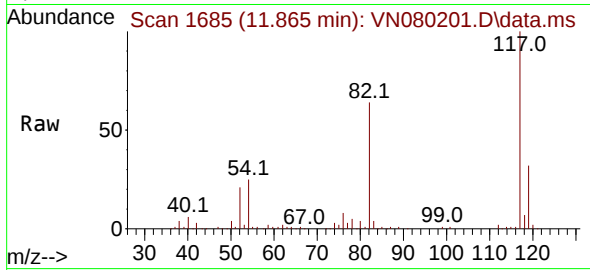
Tgt Ion: 95 Resp: 152705  
Ion Ratio Lower Upper  
95 100  
174 76.1 0.0 143.8  
176 72.8 0.0 135.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

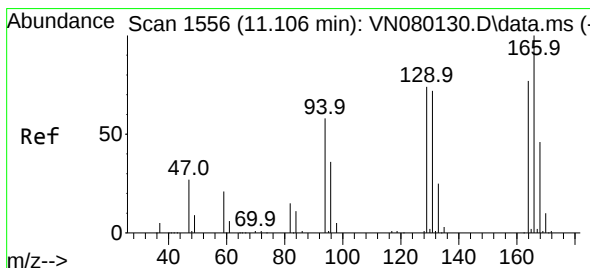
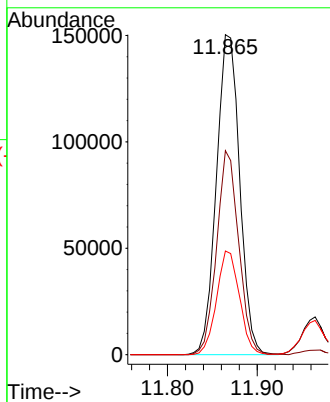
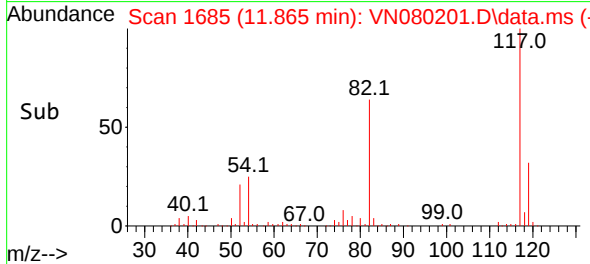
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



Tgt Ion:117 Resp: 270960  
Ion Ratio Lower Upper  
117 100  
82 63.7 44.0 66.0  
119 32.4 25.6 38.4

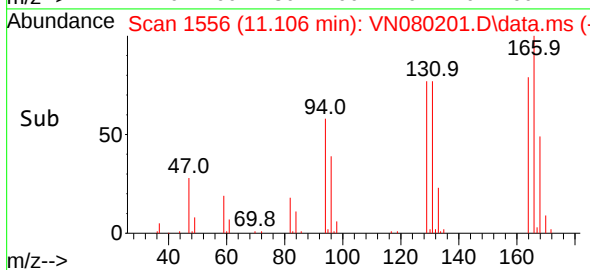
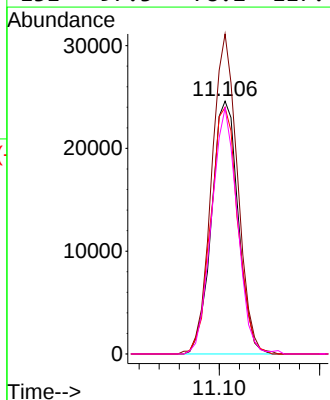
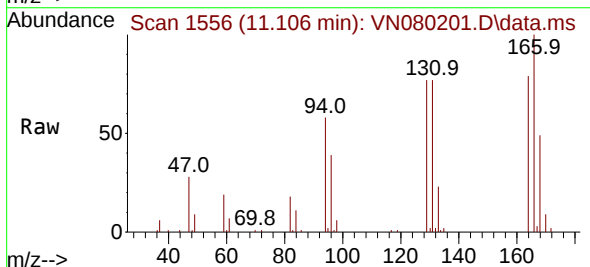
Manual Integrations  
APPROVED

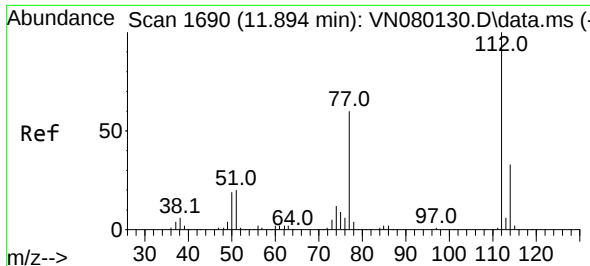
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#64  
Tetrachloroethene  
Concen: 21.919 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

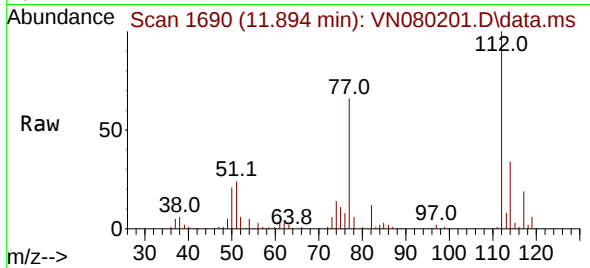
Tgt Ion:164 Resp: 45325  
Ion Ratio Lower Upper  
164 100  
166 126.6 101.4 152.0  
129 97.6 82.4 123.6  
131 97.3 78.2 117.4





#65  
Chlorobenzene  
Concen: 18.431 ug/l  
RT: 11.894 min Scan# 1116  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

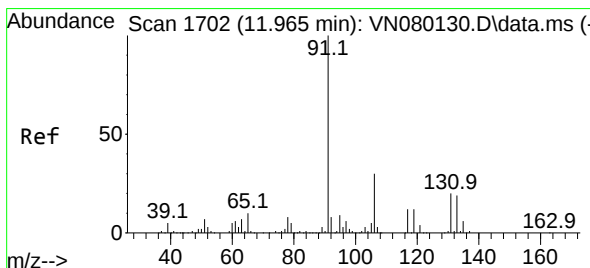
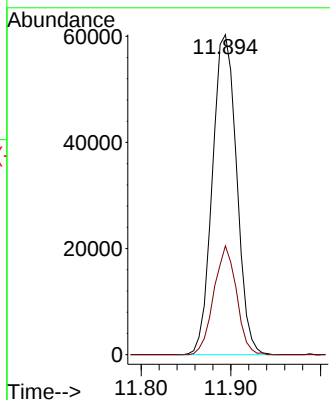
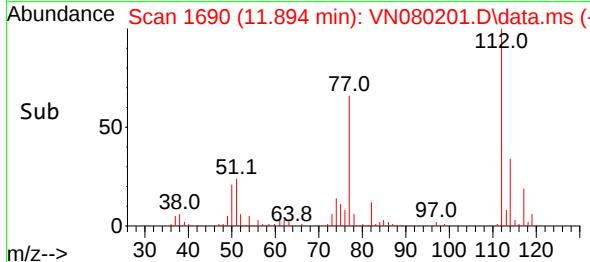
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



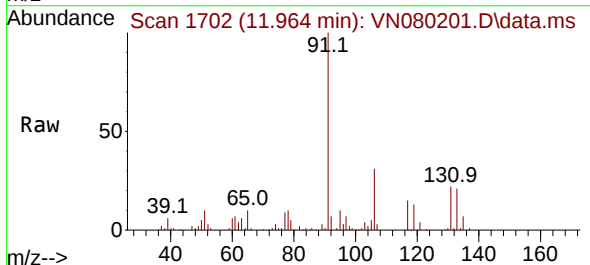
Tgt Ion:112 Resp: 113164  
Ion Ratio Lower Upper  
112 100  
114 34.0 25.0 37.4

Manual Integrations  
APPROVED

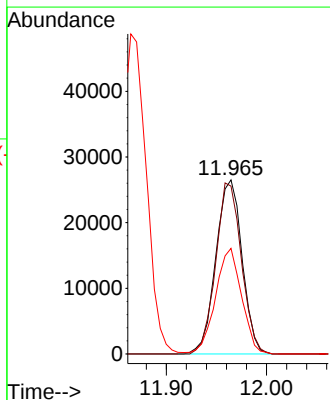
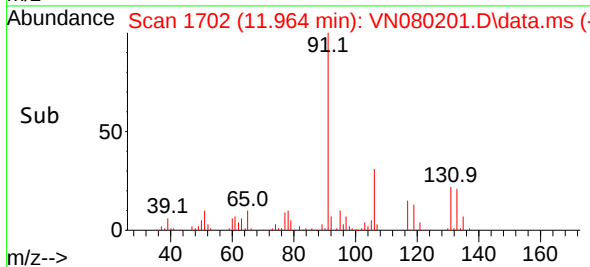
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023

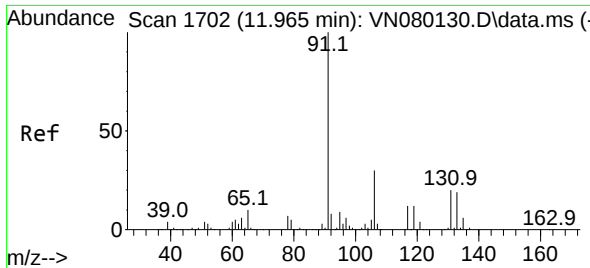


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.214 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38



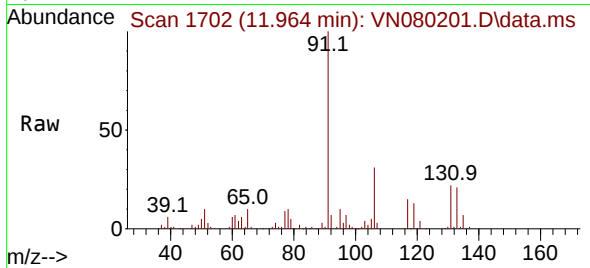
Tgt Ion:131 Resp: 48162  
Ion Ratio Lower Upper  
131 100  
133 96.5 46.4 139.1  
119 60.4 34.1 102.2





#67  
Ethyl Benzene  
Concen: 18.898 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

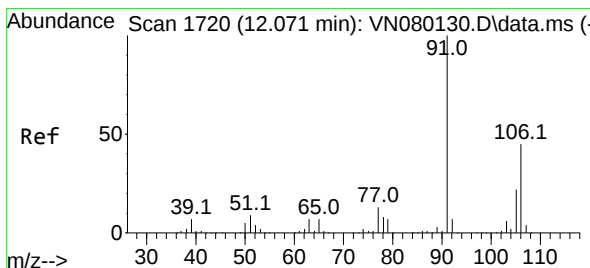
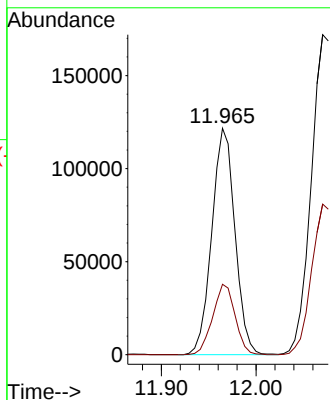
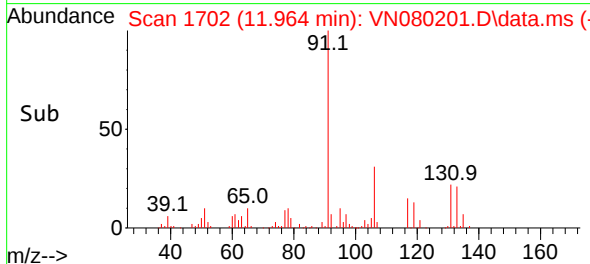
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



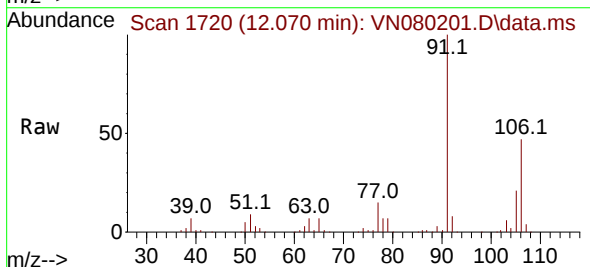
Tgt Ion: 91 Resp: 206468  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.6 38.4

Manual Integrations  
APPROVED

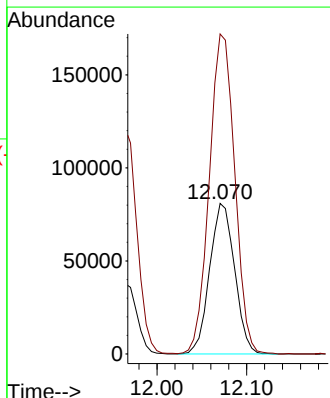
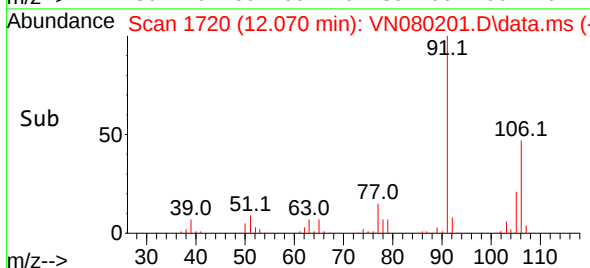
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023

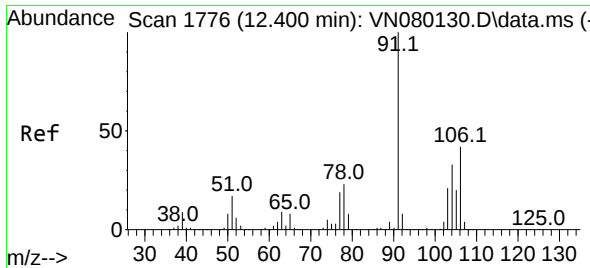


#68  
m/p-Xylenes  
Concen: 39.166 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38



Tgt Ion:106 Resp: 156015  
Ion Ratio Lower Upper  
106 100  
91 217.3 159.6 239.4





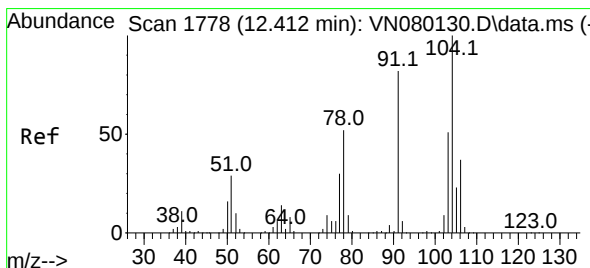
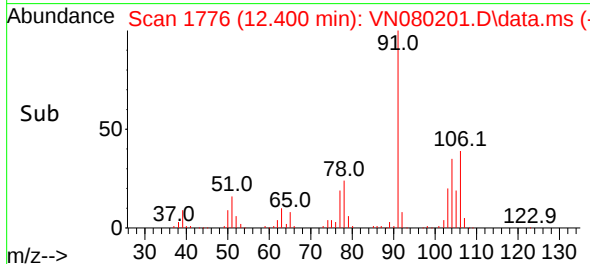
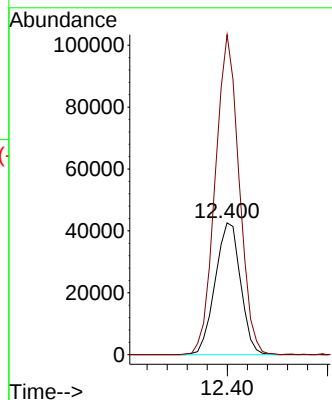
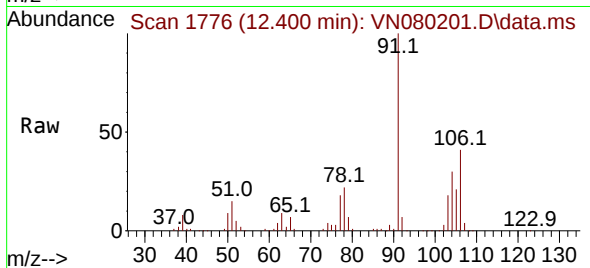
#69  
o-Xylene  
Concen: 19.928 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion:106 Resp: 74812  
Ion Ratio Lower Upper  
106 100  
91 228.9 105.2 315.5

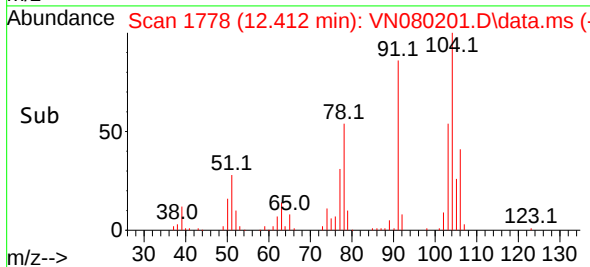
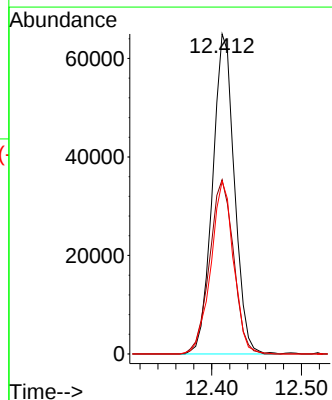
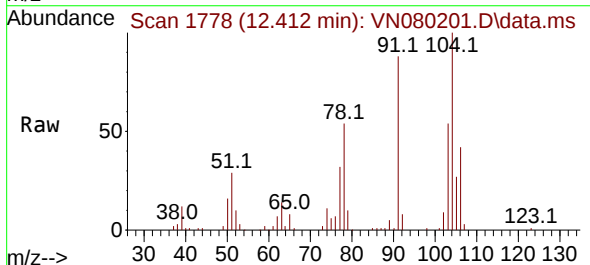
Manual Integrations  
APPROVED

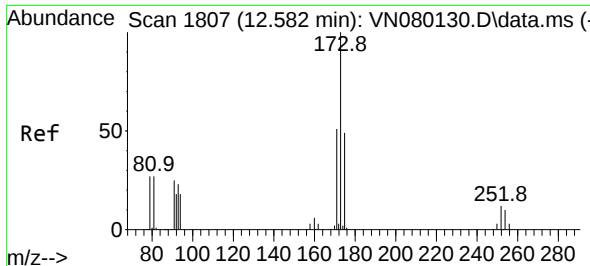
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#70  
Styrene  
Concen: 19.678 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

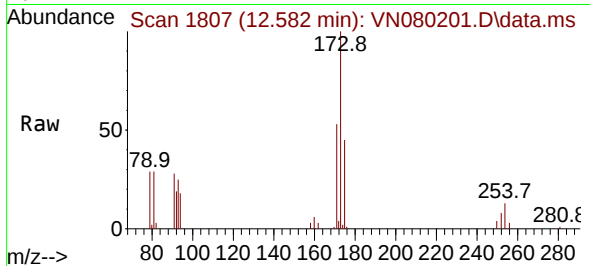
Tgt Ion:104 Resp: 109952  
Ion Ratio Lower Upper  
104 100  
78 59.6 39.5 59.3#  
103 56.1 43.2 64.8





#71  
Bromoform  
Concen: 20.768 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

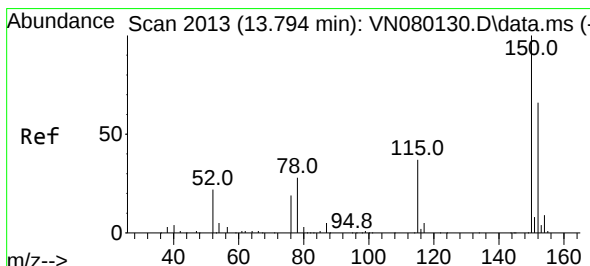
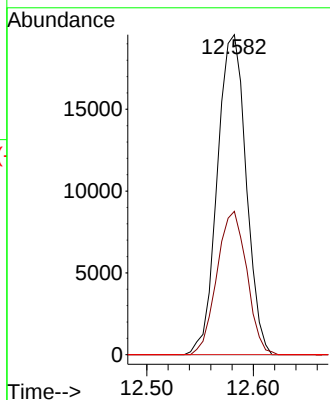
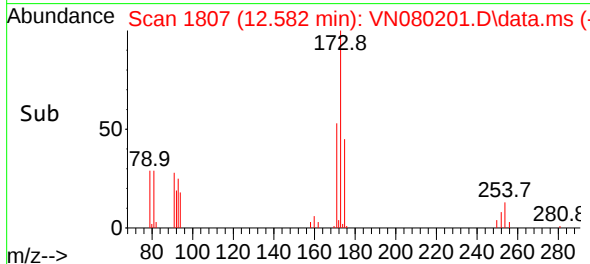
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



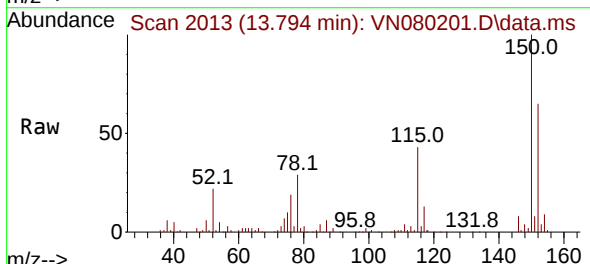
Tgt Ion:173 Resp: 3669  
Ion Ratio Lower Upper  
173 100  
175 46.5 24.3 73.0  
254 0.0 0.0 0.0

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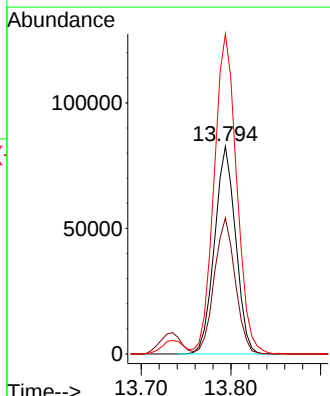
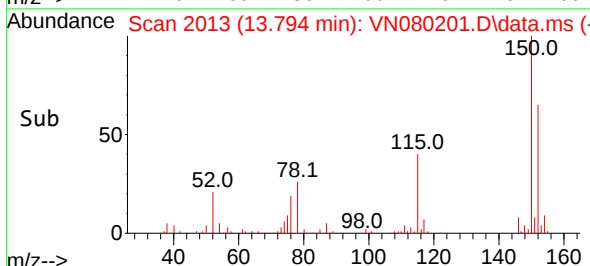
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023

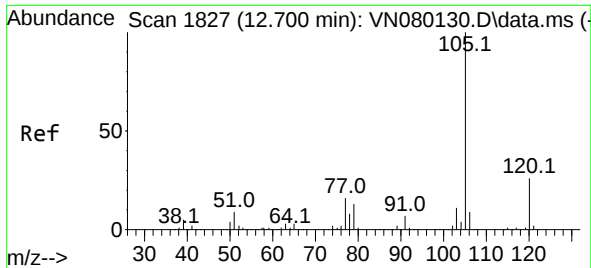


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38



Tgt Ion:152 Resp: 135304  
Ion Ratio Lower Upper  
152 100  
115 64.8 32.3 96.8  
150 164.8 0.0 355.8





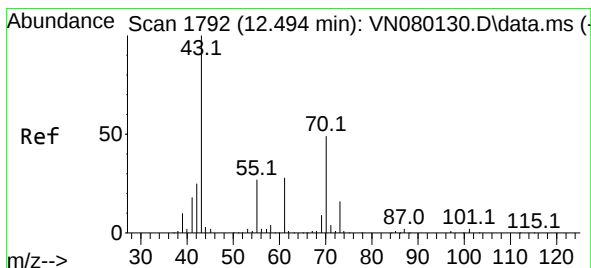
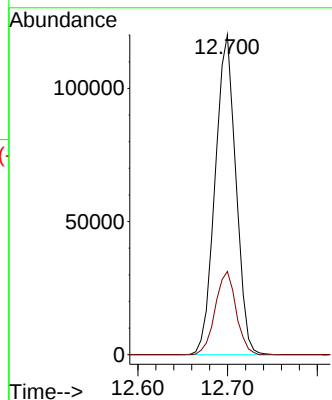
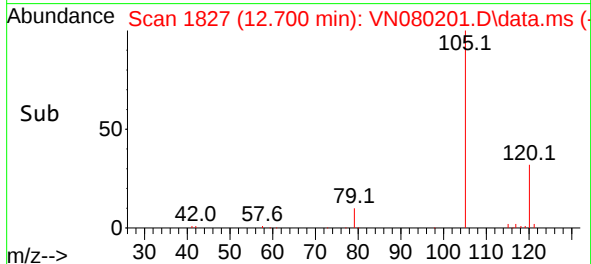
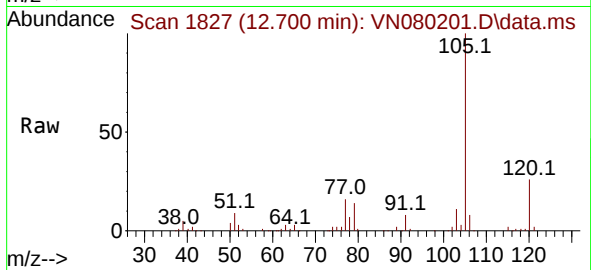
#73  
Isopropylbenzene  
Concen: 18.341 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion:105 Resp: 192839  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.1 39.1

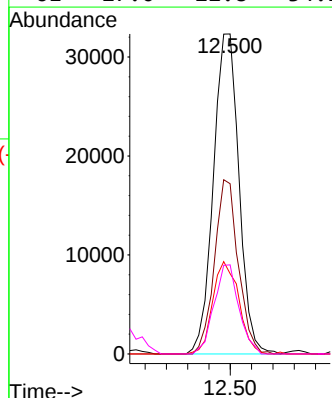
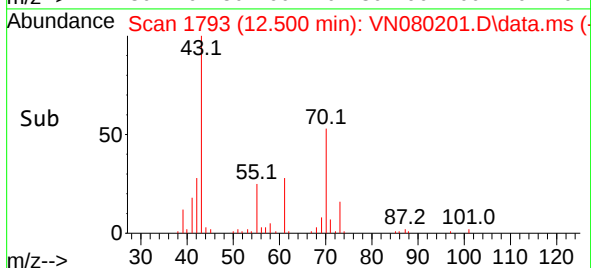
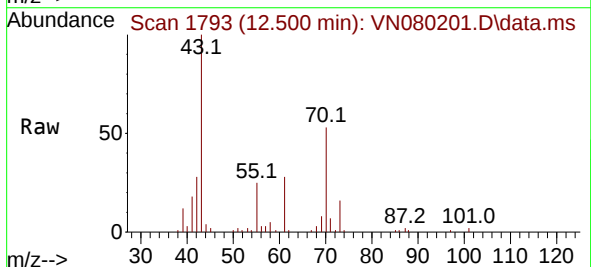
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APPROVED

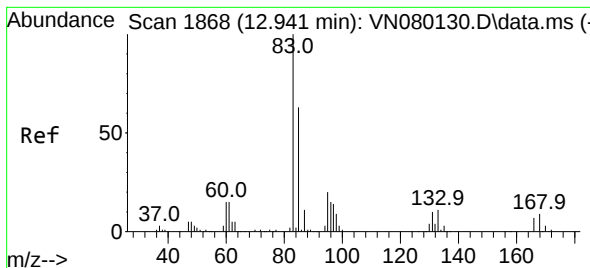
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#74  
N-ethyl acetate  
Concen: 16.432 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. 0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Tgt Ion: 43 Resp: 53878  
Ion Ratio Lower Upper  
43 100  
70 50.6 43.4 65.2  
55 29.4 21.4 32.0  
61 27.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.322 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD01

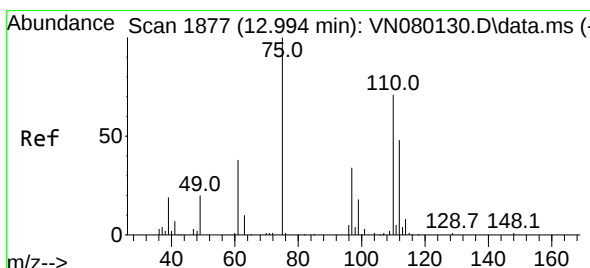
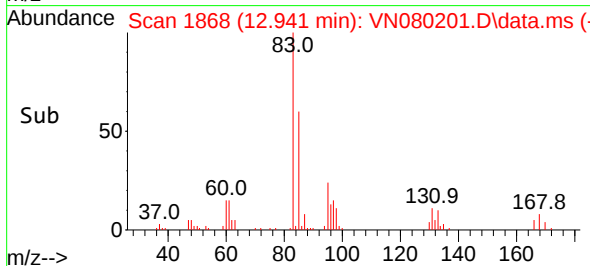
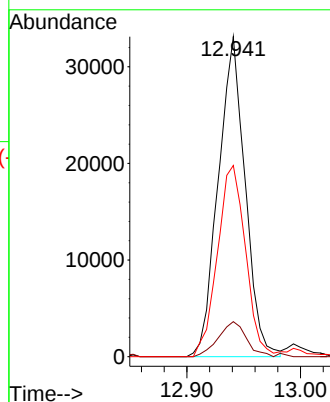
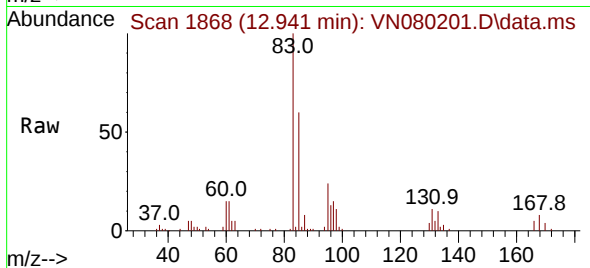
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 54510 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.4  | 5.0   | 15.0  |
| 85        | 62.2  | 31.9  | 95.7  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#76

1,2,3-Trichloropropane

Concen: 16.926 ug/l m

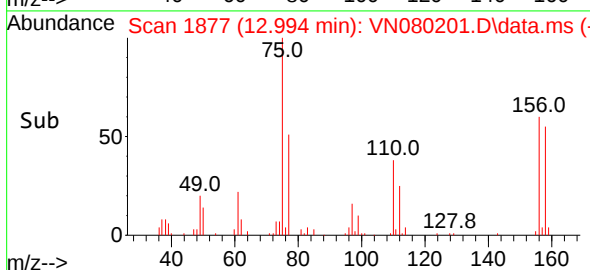
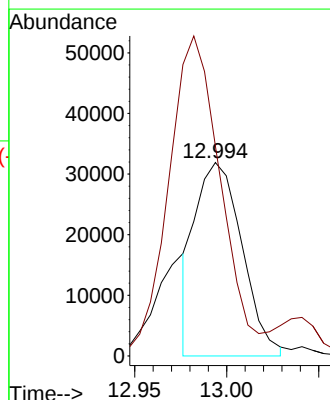
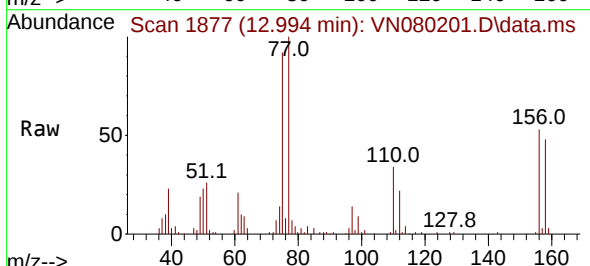
RT: 12.994 min Scan# 1877

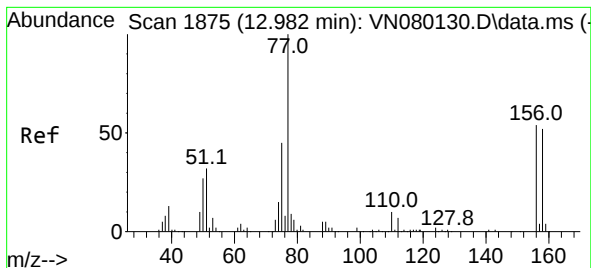
Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 56114 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 184.0 | 84.5  | 253.5 |





#77

Bromobenzene

Concen: 19.043 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD01

Tgt Ion:156 Resp: 50479

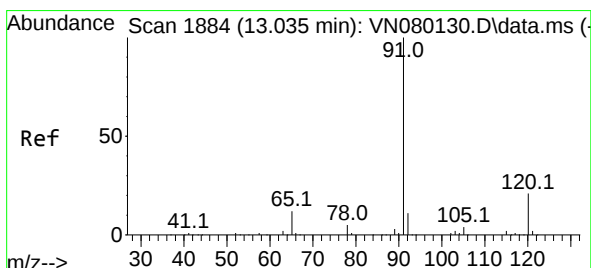
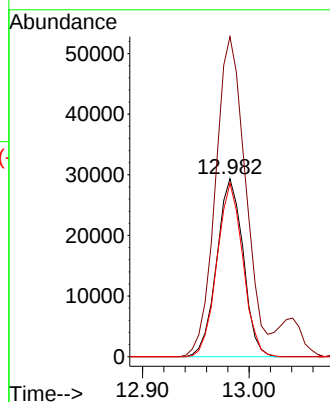
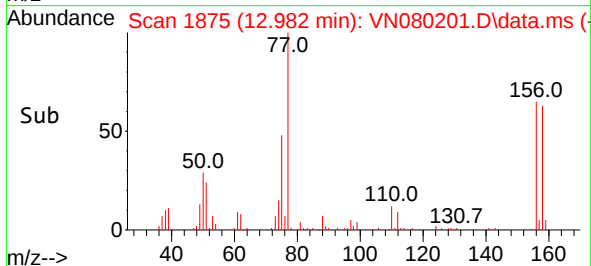
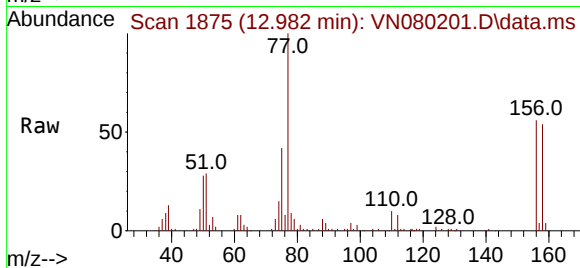
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 204.6 | 107.7 | 323.3 |
| 158 | 95.7  | 48.4  | 145.3 |

Manual Integrations

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Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#78

n-propylbenzene

Concen: 18.509 ug/l

RT: 13.035 min Scan# 1884

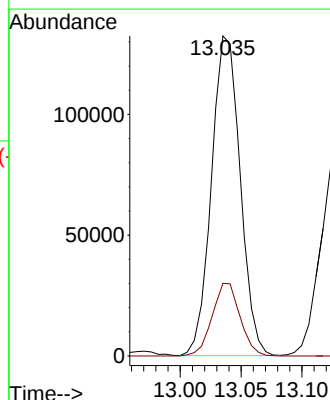
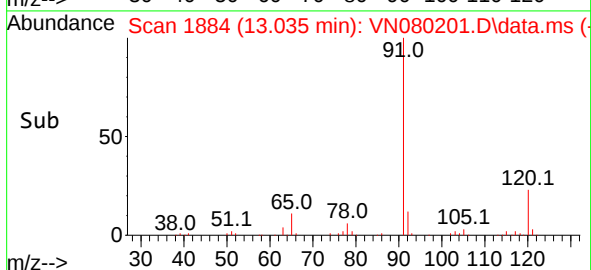
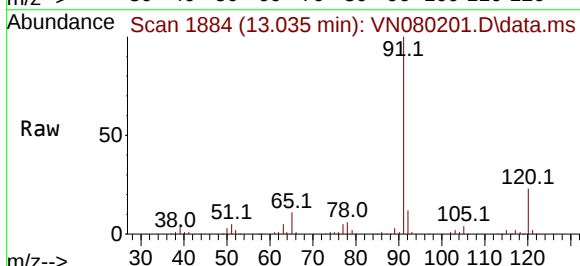
Delta R.T. -0.000 min

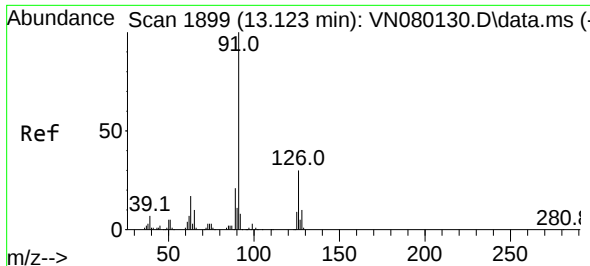
Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Tgt Ion: 91 Resp: 217619

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 22.0  | 11.5  | 34.4  |





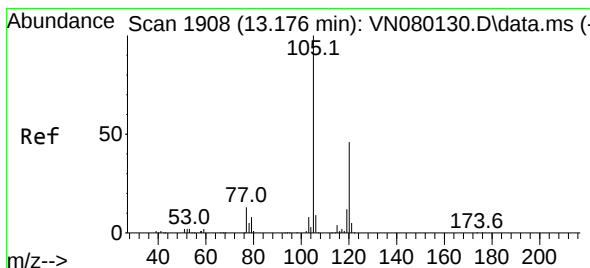
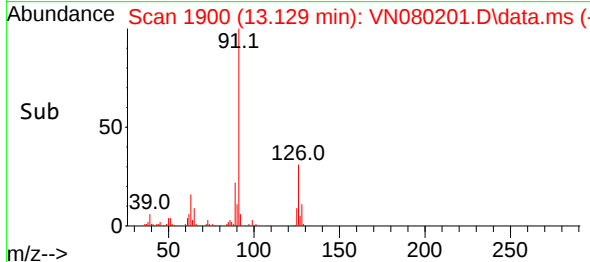
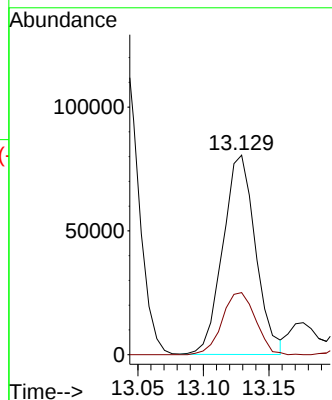
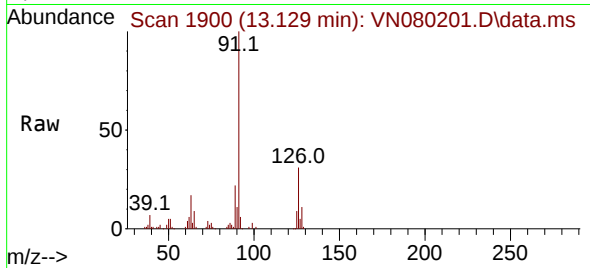
#79  
2-Chlorotoluene  
Concen: 18.319 ug/l  
RT: 13.129 min Scan# 1899  
Delta R.T. 0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion: 91 Resp: 13989  
Ion Ratio Lower Upper  
91 100  
126 31.7 16.3 48.8

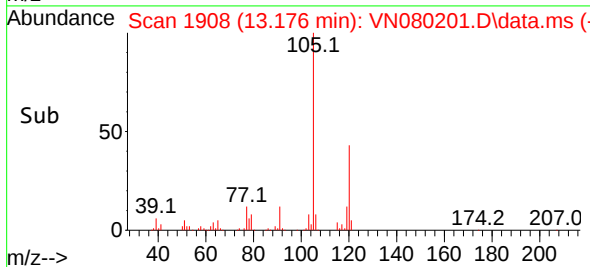
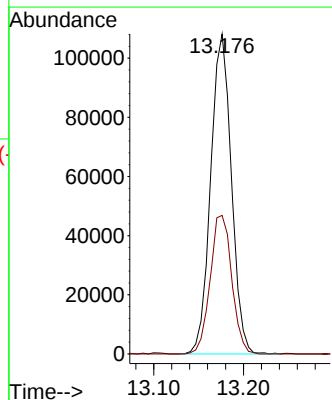
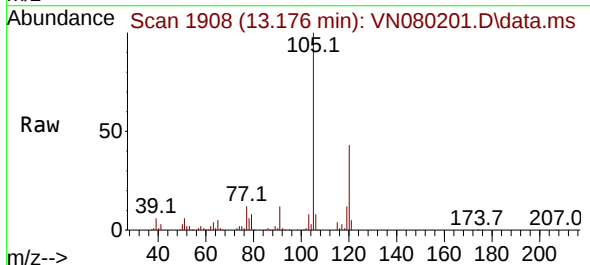
Manual Integrations  
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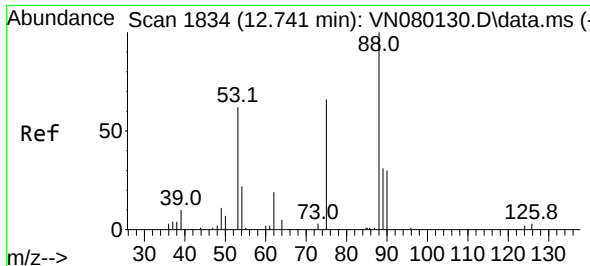
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 18.932 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Tgt Ion:105 Resp: 173274  
Ion Ratio Lower Upper  
105 100  
120 45.2 24.1 72.3





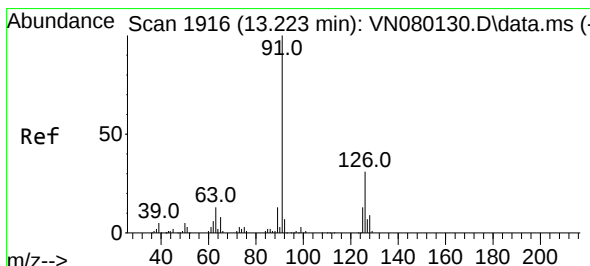
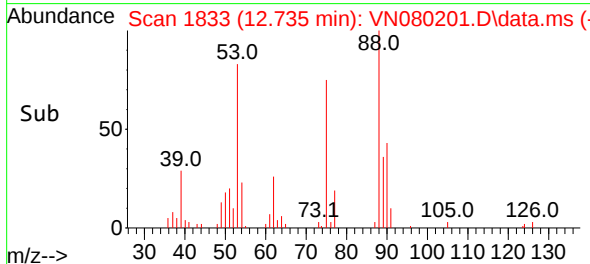
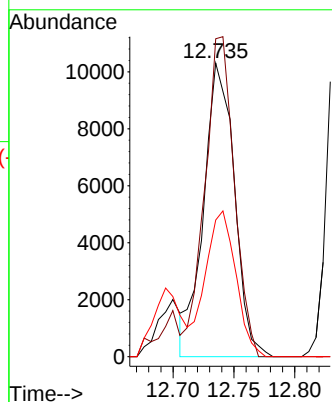
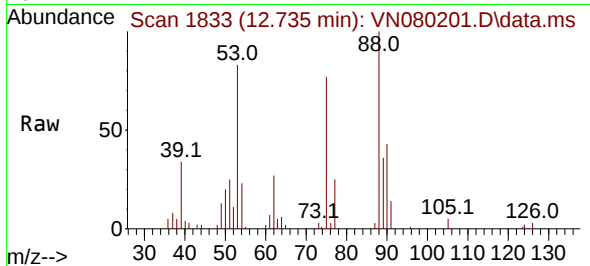
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.502 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion: 75 Resp: 1815  
Ion Ratio Lower Upper  
75 100  
53 104.4 67.4 101.2  
89 49.4 38.8 58.2

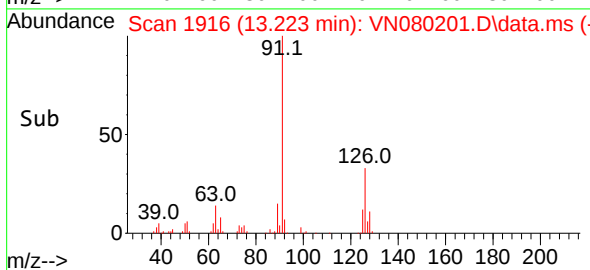
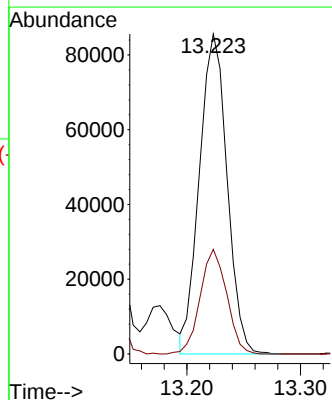
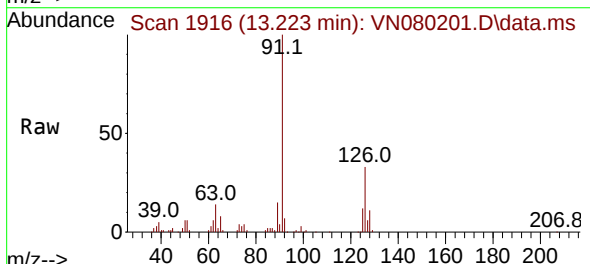
Manual Integrations  
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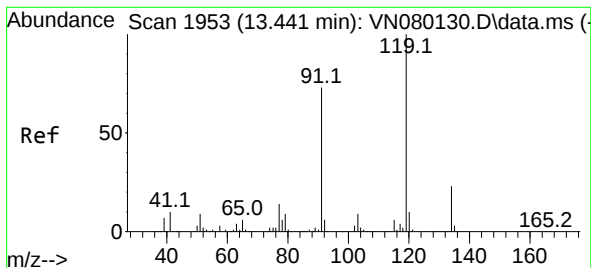
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#82  
4-Chlorotoluene  
Concen: 18.532 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Tgt Ion: 91 Resp: 144977  
Ion Ratio Lower Upper  
91 100  
126 31.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.197 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD01

Tgt Ion:119 Resp: 133550

Ion Ratio Lower Upper

119 100

91 75.2 33.9 101.7

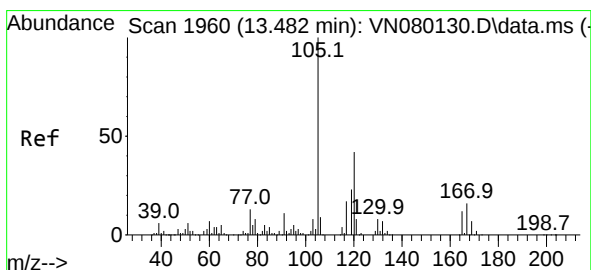
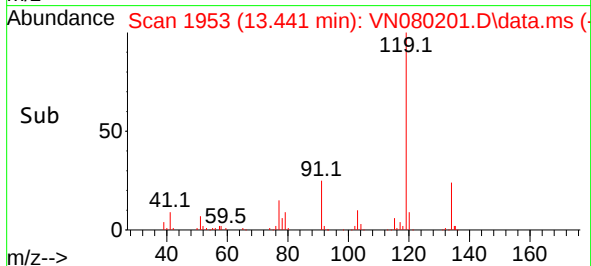
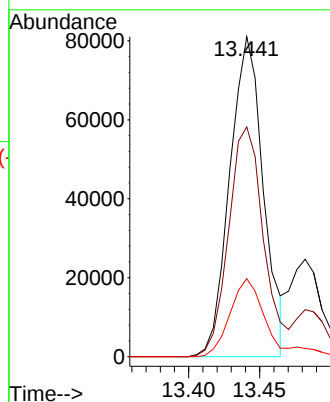
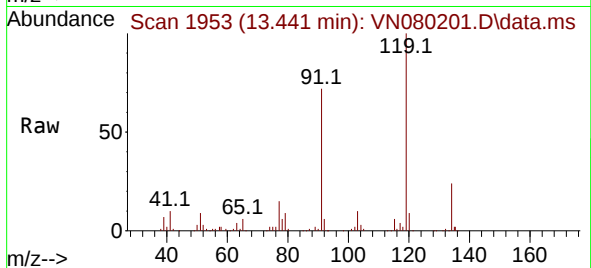
134 24.3 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.077 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080201.D

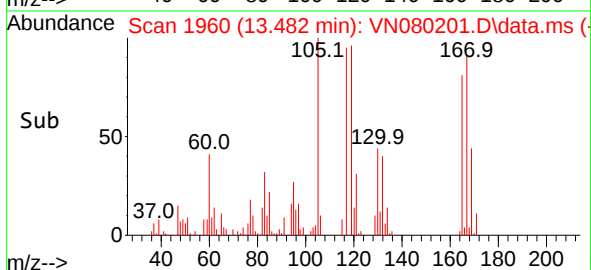
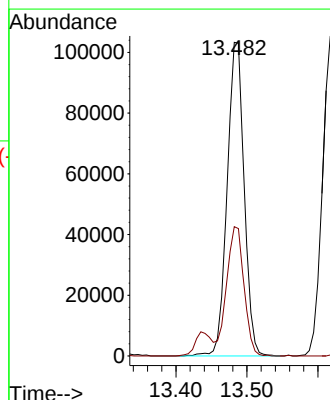
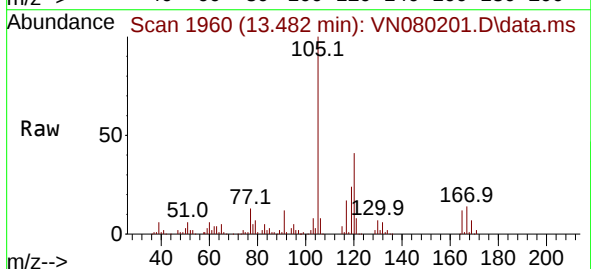
Acq: 20 Nov 2023 12:38

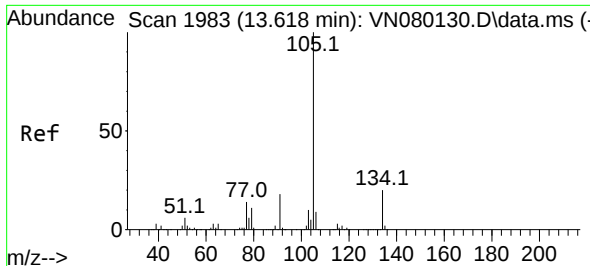
Tgt Ion:105 Resp: 171929

Ion Ratio Lower Upper

105 100

120 42.4 22.0 66.0





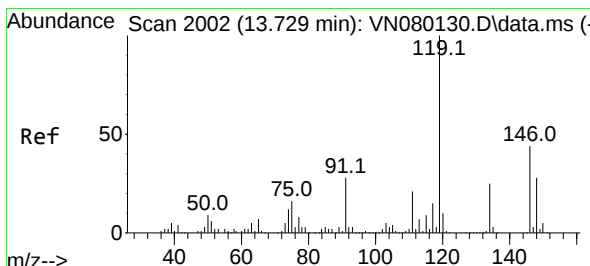
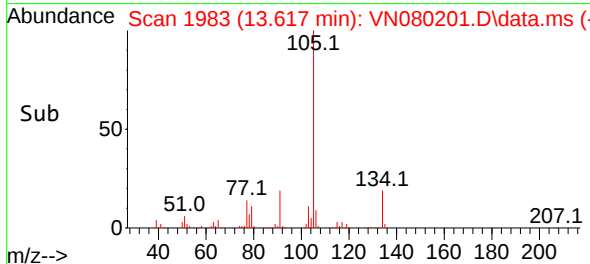
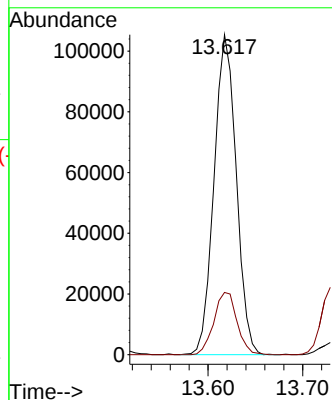
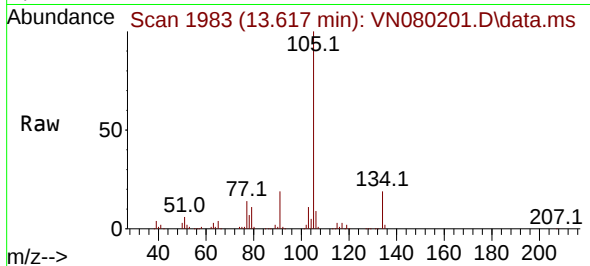
#85  
 sec-Butylbenzene  
 Concen: 18.506 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN080201.D  
 Acq: 20 Nov 2023 12:38

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBSD01

Tgt Ion:105 Resp: 17182  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 9.8 29.3

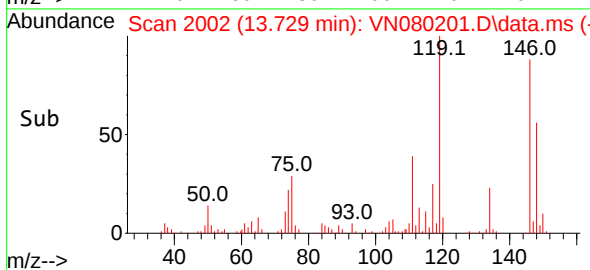
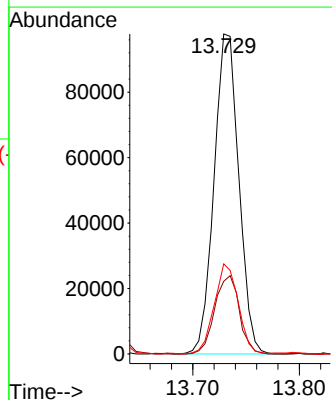
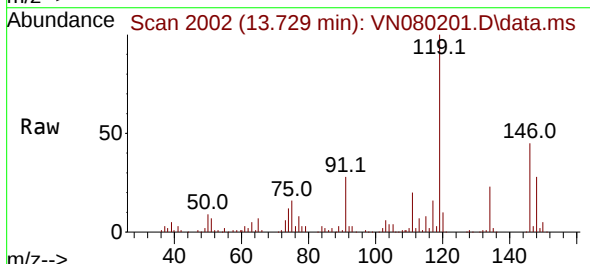
Manual Integrations  
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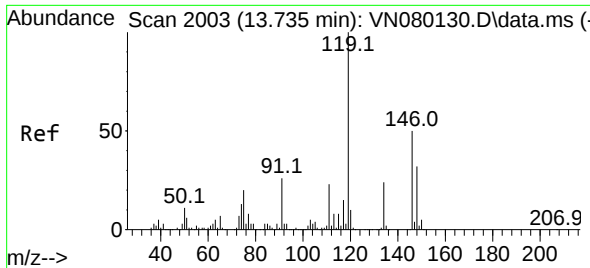
Reviewed By :John Carlone 11/21/2023  
 Supervised By :Mahesh Dadoda 11/21/2023



#86  
 p-Isopropyltoluene  
 Concen: 19.039 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN080201.D  
 Acq: 20 Nov 2023 12:38

Tgt Ion:119 Resp: 157912  
 Ion Ratio Lower Upper  
 119 100  
 134 24.2 12.6 37.8  
 91 27.2 12.4 37.2





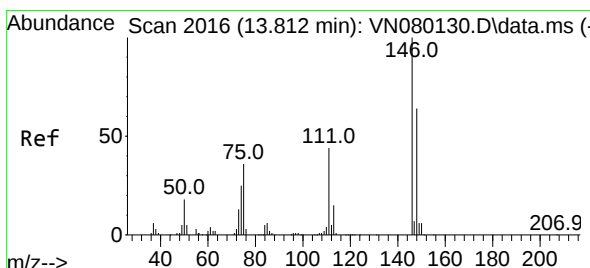
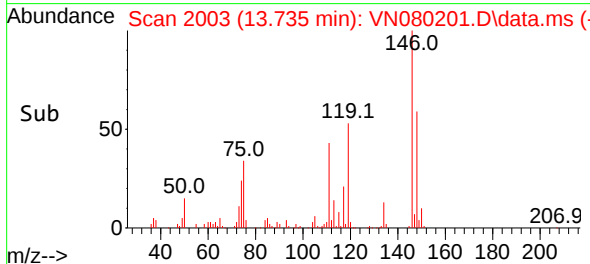
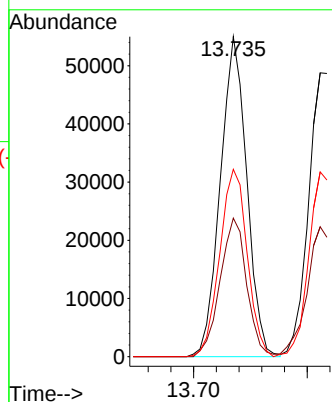
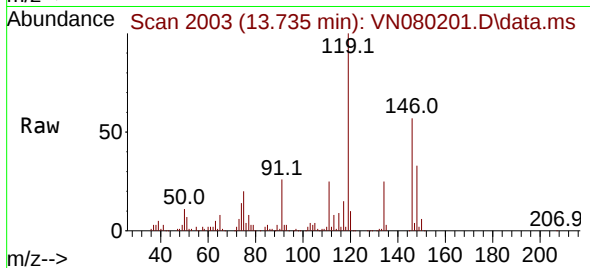
#87  
1,3-Dichlorobenzene  
Concen: 18.607 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01

Tgt Ion:146 Resp: 88860  
Ion Ratio Lower Upper  
146 100  
111 43.5 22.1 66.3  
148 60.8 32.0 96.0

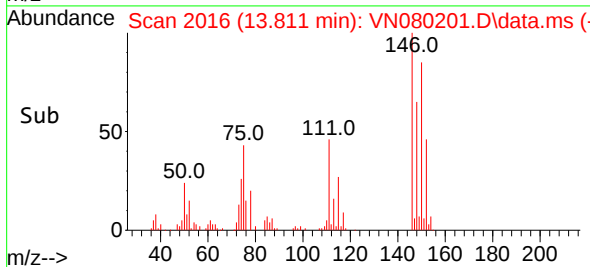
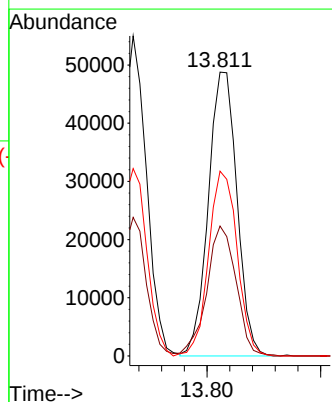
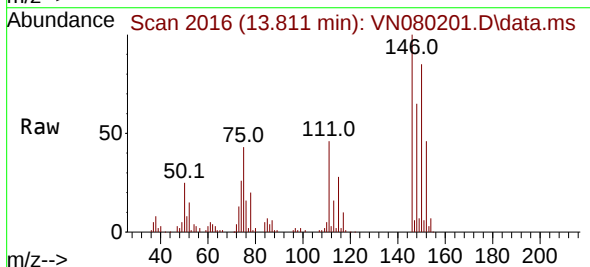
Manual Integrations  
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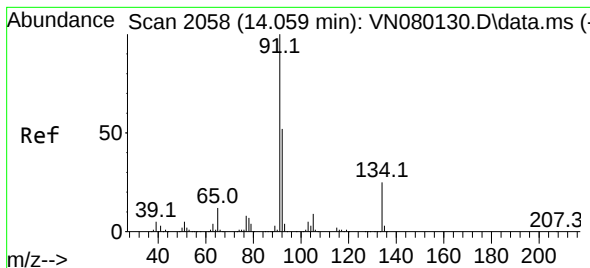
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023



#88  
1,4-Dichlorobenzene  
Concen: 17.821 ug/l  
RT: 13.811 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

Tgt Ion:146 Resp: 85534  
Ion Ratio Lower Upper  
146 100  
111 46.9 20.6 61.8  
148 65.0 31.6 94.8





#89

n-Butylbenzene

Concen: 17.598 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD01

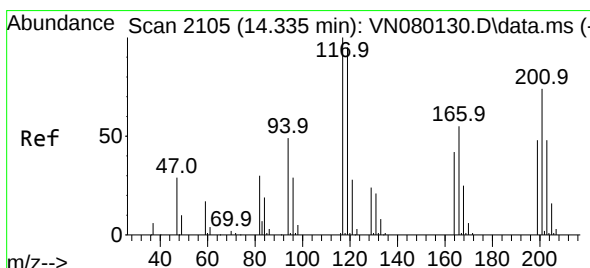
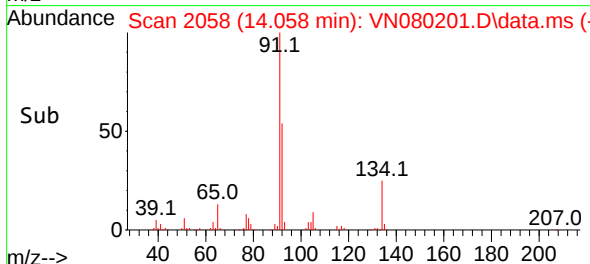
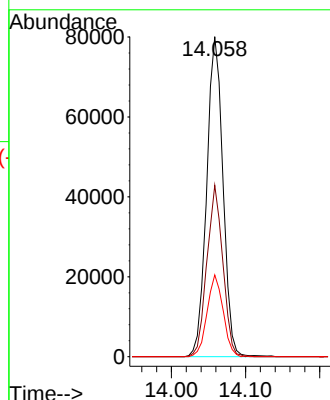
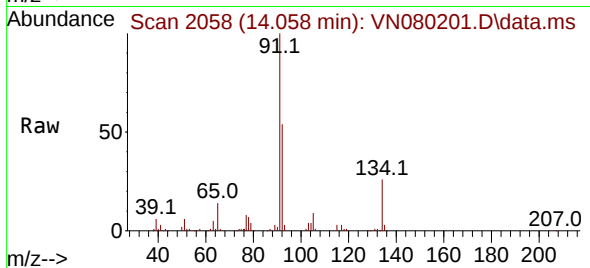
|             |                |
|-------------|----------------|
| Tgt Ion: 91 | Resp: 122170   |
| Ion Ratio   | Lower Upper    |
| 91          | 100            |
| 92          | 52.5 26.4 79.0 |
| 134         | 25.2 12.6 37.6 |

Manual Integrations

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Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#90

Hexachloroethane

Concen: 18.451 ug/l

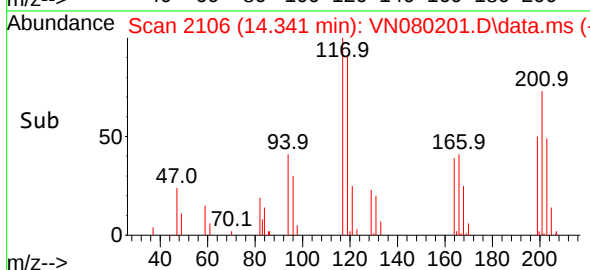
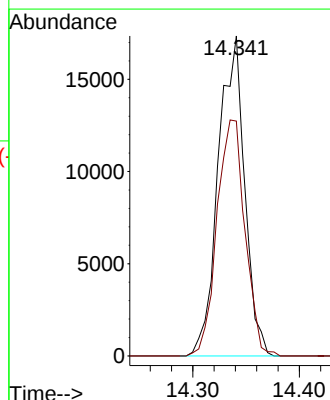
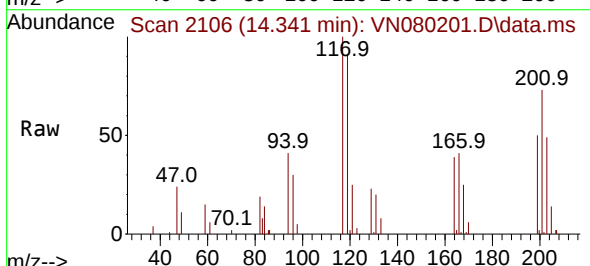
RT: 14.341 min Scan# 2106

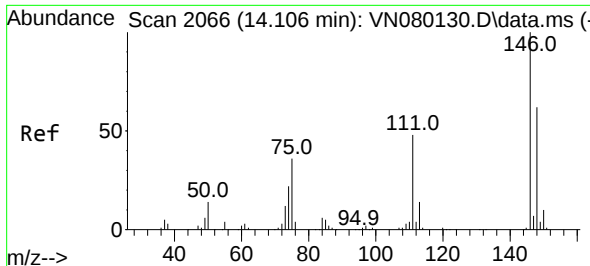
Delta R.T. 0.006 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

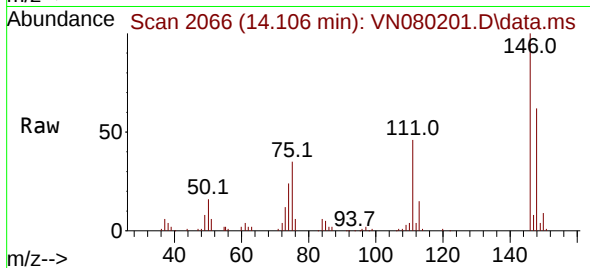
|             |                |
|-------------|----------------|
| Tgt Ion:117 | Resp: 29834    |
| Ion Ratio   | Lower Upper    |
| 117         | 100            |
| 201         | 78.3 29.3 88.0 |





#91  
1,2-Dichlorobenzene  
Concen: 18.001 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38

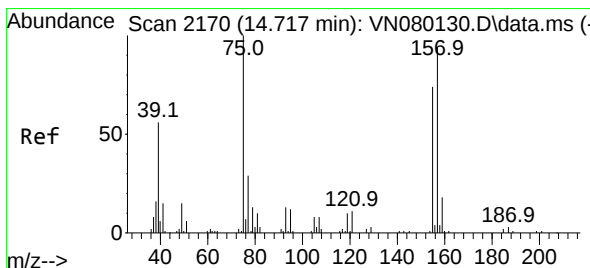
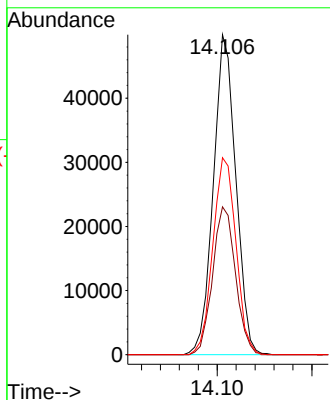
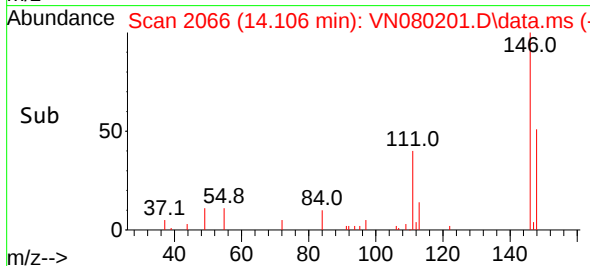
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD01



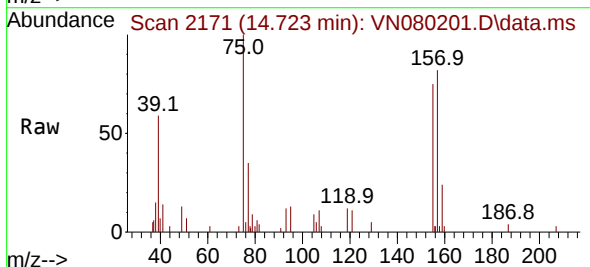
Tgt Ion:146 Resp: 8227  
Ion Ratio Lower Upper  
146 100  
111 47.2 22.0 66.0  
148 63.2 31.8 95.3

Manual Integrations  
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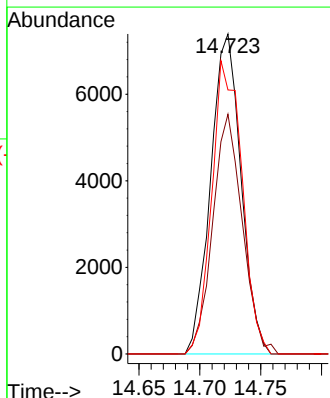
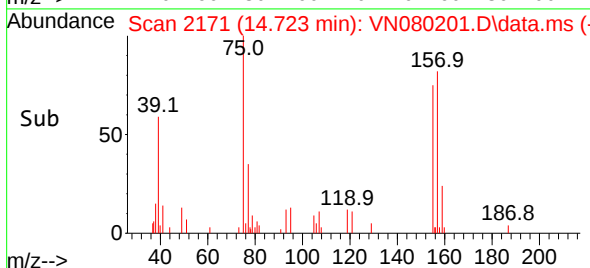
Reviewed By :John Carlone 11/21/2023  
Supervised By :Mahesh Dadoda 11/21/2023

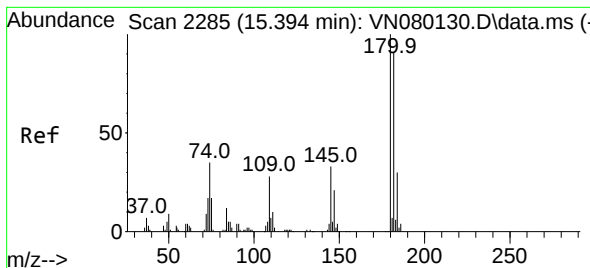


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.556 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.006 min  
Lab File: VN080201.D  
Acq: 20 Nov 2023 12:38



Tgt Ion: 75 Resp: 12832  
Ion Ratio Lower Upper  
75 100  
155 73.1 39.1 117.2  
157 91.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.740 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD01

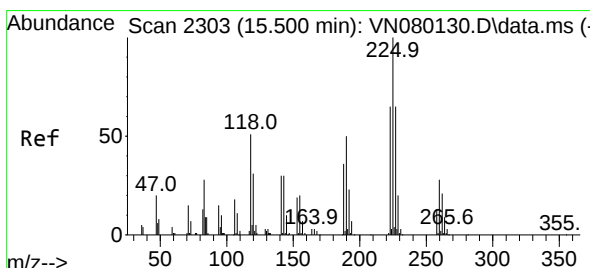
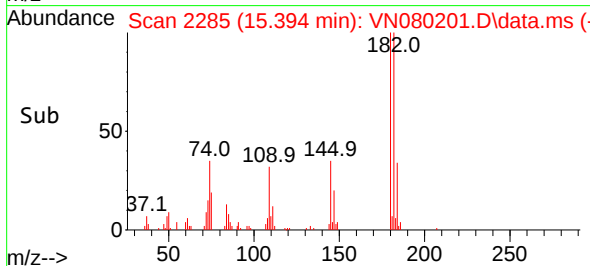
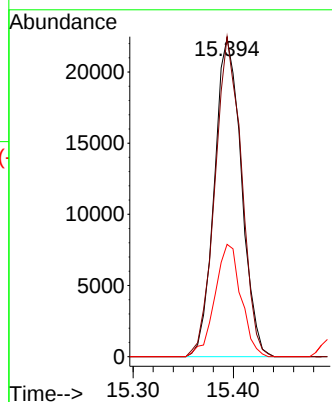
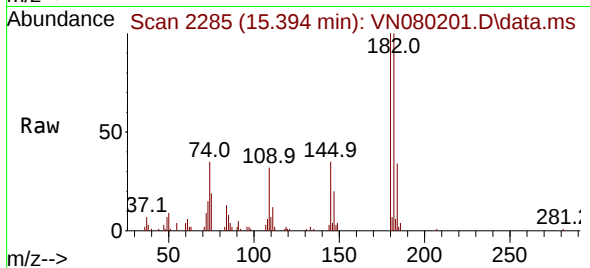
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 41839 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 98.5  | 46.1  | 138.2 |
| 145       | 34.3  | 16.6  | 49.8  |

Manual Integrations

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Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#94

Hexachlorobutadiene

Concen: 17.312 ug/l

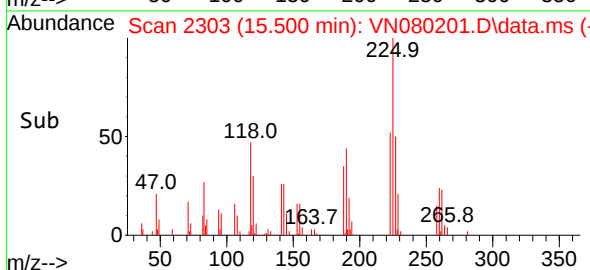
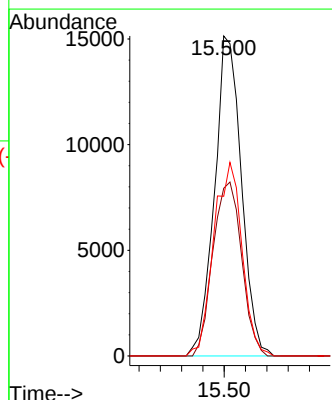
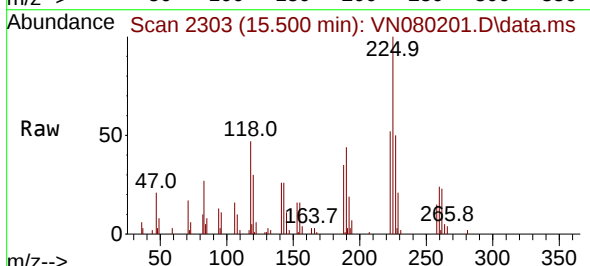
RT: 15.500 min Scan# 2303

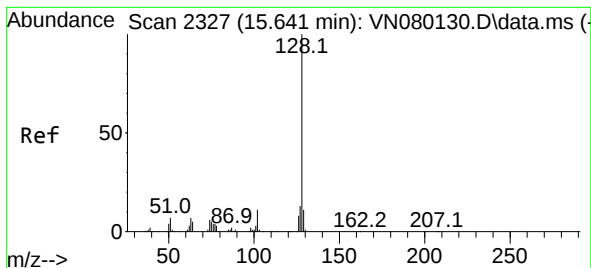
Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 26481 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 58.3  | 31.3  | 93.8  |
| 227       | 63.7  | 31.9  | 95.9  |





#95

Naphthalene

Concen: 14.575 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD01

Tgt Ion:128 Resp: 11234

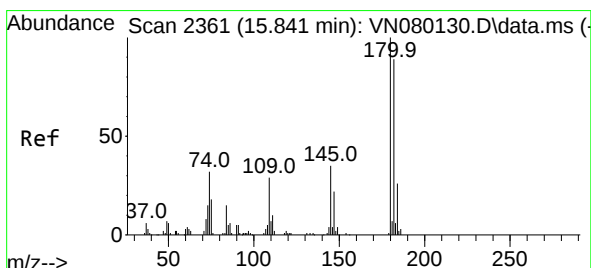
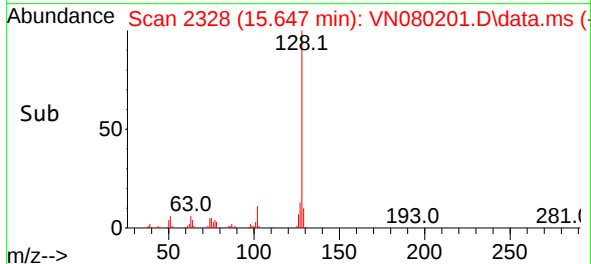
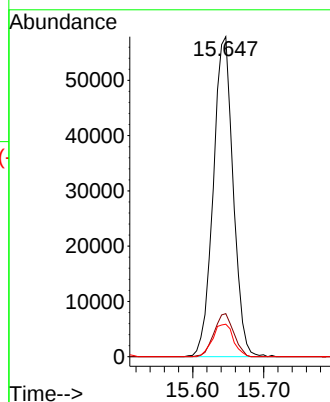
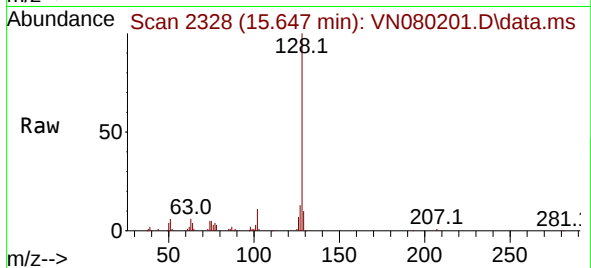
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.4  | 10.0  | 15.0  |
| 129 | 10.6  | 8.7   | 13.1  |

Manual Integrations

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Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.018 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Tgt Ion:180 Resp: 42401

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 93.1  | 46.2  | 138.6 |
| 145 | 34.6  | 17.5  | 52.6  |

