

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121024\  
 Data File : VN085158.D  
 Acq On : 10 Dec 2024 11:42  
 Operator : JC\MD  
 Sample : VN1210WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1210WBS01

Quant Time: Dec 11 04:11:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112224W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 23 02:54:10 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 12/11/2024  
 Supervised By : Mahesh Dadoda 12/11/2024

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 8.224          | 168  | 148284     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100          | 114  | 241760     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865         | 117  | 211196     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788         | 152  | 107293     | 50.000   | ug/l   | 0.00     |
|                              |                |      |            |          |        |          |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.577          | 65   | 104508     | 49.478   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 98.960%  |        |          |
| 35) Dibromofluoromethane     | 8.165          | 113  | 84366      | 51.747   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 103.500% |        |          |
| 50) Toluene-d8               | 10.565         | 98   | 294788     | 50.453   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 100.900% |        |          |
| 62) 4-Bromofluorobenzene     | 12.847         | 95   | 109806     | 50.254   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 100.500% |        |          |
|                              |                |      |            |          |        |          |
| Target Compounds             |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 23384      | 13.946   | ug/l   | 97       |
| 3) Chloromethane             | 2.359          | 50   | 24363      | 12.528   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.506          | 62   | 26353      | 15.079   | ug/l   | 92       |
| 5) Bromomethane              | 2.948          | 94   | 19345      | 19.749   | ug/l   | 90       |
| 6) Chloroethane              | 3.112          | 64   | 18919      | 16.061   | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 3.495          | 101  | 50483      | 16.981   | ug/l   | 94       |
| 8) Diethyl Ether             | 3.965          | 74   | 16802      | 16.605   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371          | 101  | 29749      | 17.643   | ug/l   | 96       |
| 10) Methyl Iodide            | 4.583          | 142  | 34398      | 15.412   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.530          | 59   | 30867      | 109.358  | ug/l   | 96       |
| 12) 1,1-Dichloroethene       | 4.336          | 96   | 26118      | 16.595   | ug/l   | 83       |
| 13) Acrolein                 | 4.177          | 56   | 16584      | 88.053   | ug/l   | 96       |
| 14) Allyl chloride           | 5.024          | 41   | 40528m     | 15.275   | ug/l   |          |
| 15) Acrylonitrile            | 5.724          | 53   | 79261      | 99.186   | ug/l   | 99       |
| 16) Acetone                  | 4.424          | 43   | 67011      | 108.934  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.712          | 76   | 68770      | 14.804   | ug/l # | 91       |
| 18) Methyl Acetate           | 5.024          | 43   | 39487      | 19.381   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.794          | 73   | 89389      | 17.383   | ug/l   | 94       |
| 20) Methylene Chloride       | 5.271          | 84   | 31388      | 16.721   | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 5.789          | 96   | 27773      | 16.769   | ug/l # | 91       |
| 22) Diisopropyl ether        | 6.671          | 45   | 91951      | 17.219   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.606          | 43   | 324024     | 87.955   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.571          | 63   | 55759      | 17.449   | ug/l   | 97       |
| 25) 2-Butanone               | 7.483          | 43   | 104026     | 103.434  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 7.488          | 77   | 51343      | 17.206   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.488          | 96   | 33886      | 16.971   | ug/l   | 100      |
| 28) Bromochloromethane       | 7.812          | 49   | 22267      | 18.459   | ug/l   | 95       |
| 29) Tetrahydrofuran          | 7.841          | 42   | 66949      | 107.045  | ug/l   | 99       |
| 30) Chloroform               | 7.965          | 83   | 60138      | 17.691   | ug/l   | 92       |
| 31) Cyclohexane              | 8.253          | 56   | 44762      | 15.909   | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 8.165          | 97   | 54062      | 17.600   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.371          | 75   | 37946      | 17.183   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.565          | 43   | 41991      | 20.916   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.359          | 117  | 49083      | 19.256   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.606          | 83   | 37468      | 16.328   | ug/l   | 95       |
| 40) Benzene                  | 8.606          | 78   | 125598     | 17.983   | ug/l   | 92       |

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 Sample : VN1210WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1210WBS01

Quant Time: Dec 11 04:11:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112224W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 23 02:54:10 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/11/2024  
 Supervised By : Mahesh Dadoda 12/11/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 23051    | 20.738  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 43502    | 18.206  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 71566    | 17.162  | ug/l   | 100      |
| 44) Trichloroethene           | 9.353  | 130  | 30107    | 18.549  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 30201    | 17.556  | ug/l   | 99       |
| 46) Dibromomethane            | 9.706  | 93   | 22668    | 18.963  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.888  | 83   | 48463    | 19.129  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.677  | 41   | 30191    | 19.456  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 13884    | 515.929 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 215132   | 112.948 | ug/l   | 100      |
| 52) Toluene                   | 10.629 | 92   | 77423    | 18.725  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 46029    | 18.122  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 49448    | 18.351  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 30862    | 20.039  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 45377    | 20.163  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 50898    | 18.778  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 105895   | 95.926  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.194 | 43   | 163787   | 114.976 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 38498    | 20.453  | ug/l   | 94       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 31268    | 19.617  | ug/l   | 96       |
| 64) Tetrachloroethene         | 11.100 | 164  | 28096    | 19.743  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.894 | 112  | 85088    | 17.765  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 31880    | 18.904  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 143235   | 18.433  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.070 | 106  | 111818   | 37.796  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 54040    | 19.203  | ug/l   | 95       |
| 70) Styrene                   | 12.412 | 104  | 90794    | 19.401  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 25552    | 20.413  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.694 | 105  | 133262   | 17.606  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 58631    | 18.798  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 45804    | 17.721  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 44087m   | 22.590  | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 35688    | 17.521  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 161451   | 18.493  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 102538   | 17.594  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 117167   | 18.447  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 16517m   | 18.684  | ug/l   |          |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 103817   | 17.112  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 96322    | 17.626  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 116884   | 17.878  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 133063   | 18.025  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 112404   | 18.445  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 65453    | 16.291  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 65541    | 15.986  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.053 | 91   | 90224    | 15.920  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 23588    | 17.757  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 62951    | 16.351  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 9361     | 18.729  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 28345    | 13.552  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 15161    | 15.706  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 88876    | 14.920  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 29846    | 14.955  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121024\  
Data File : VN085158.D  
Acq On : 10 Dec 2024 11:42  
Operator : JC\MD  
Sample : VN1210WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Manual Integrations  
APPROVED

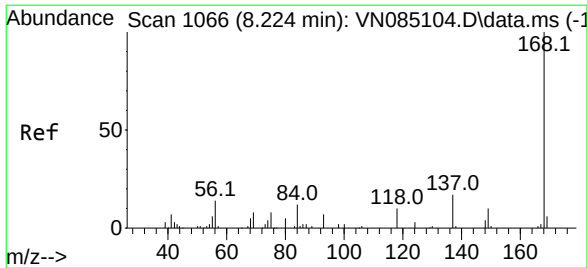
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024

Quant Time: Dec 11 04:11:43 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112224W.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 23 02:54:10 2024  
Response via : Initial Calibration

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

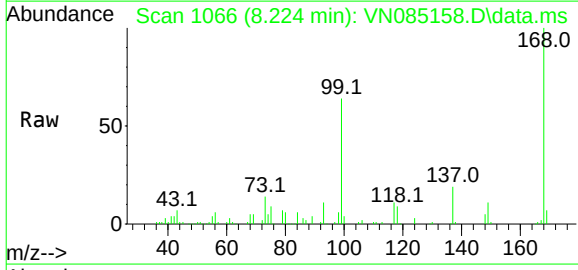
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

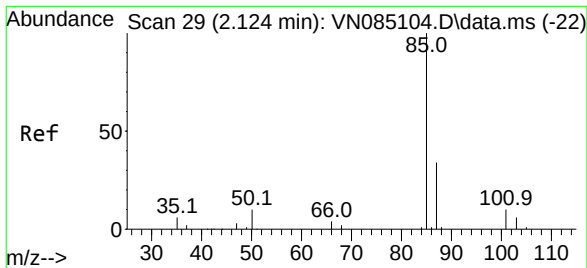
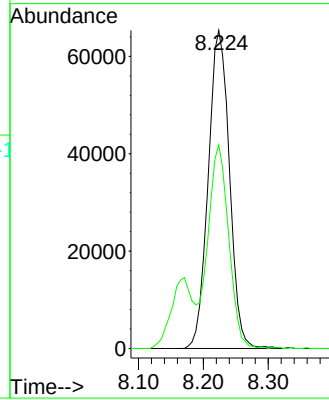
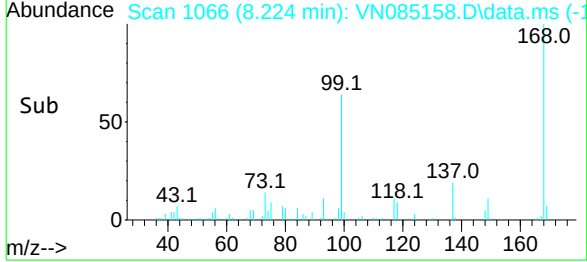
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



Tgt Ion: 168 Resp: 148284  
Ion Ratio Lower Upper  
168 100  
99 63.7 51.2 76.8

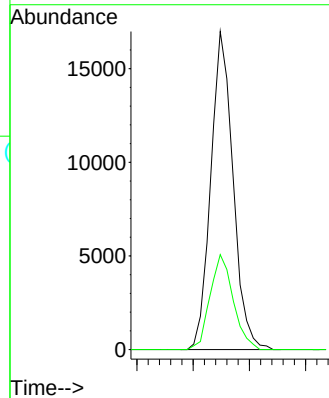
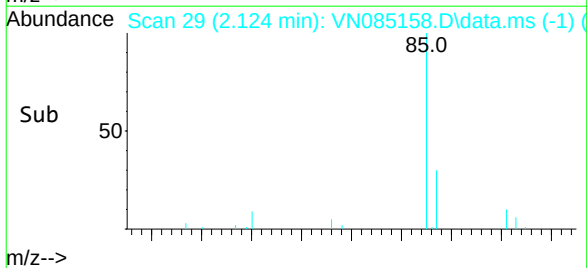
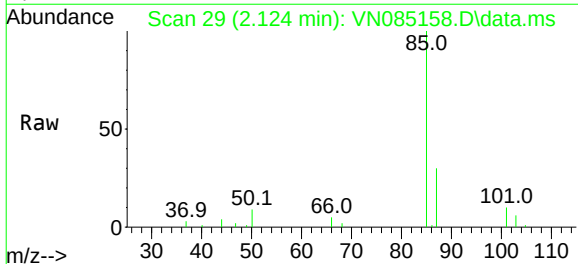
Manual Integrations  
APPROVED

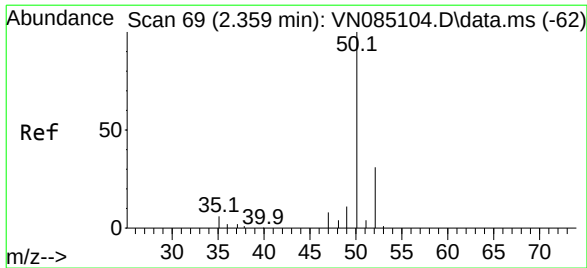
Reviewed By : John Carlone 12/11/2024  
Supervised By : Mahesh Dadoda 12/11/2024



#2  
Dichlorodifluoromethane  
Concen: 13.946 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion: 85 Resp: 23384  
Ion Ratio Lower Upper  
85 100  
87 29.8 15.7 47.1





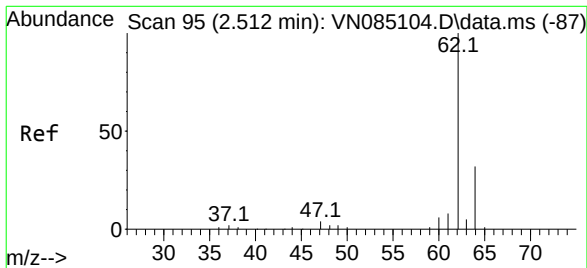
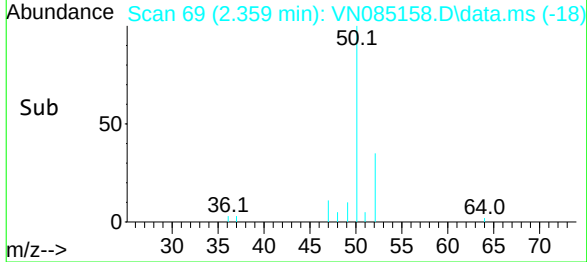
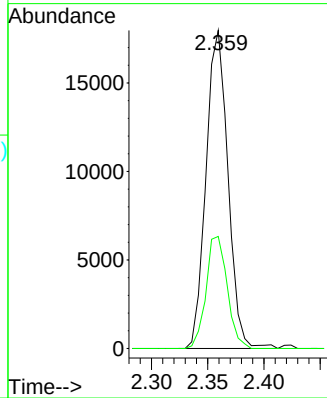
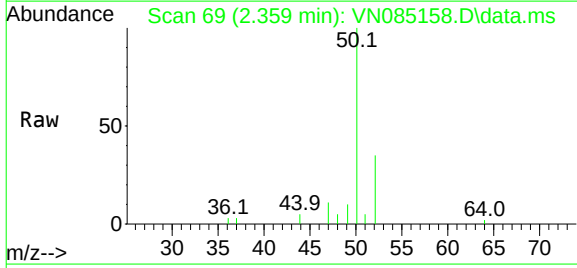
#3  
Chloromethane  
Concen: 12.528 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Tgt Ion: 50 Resp: 24363  
Ion Ratio Lower Upper  
50 100  
52 35.2 27.8 41.8

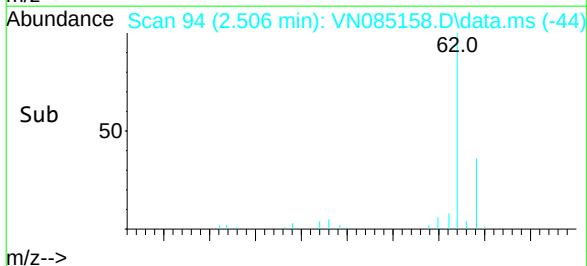
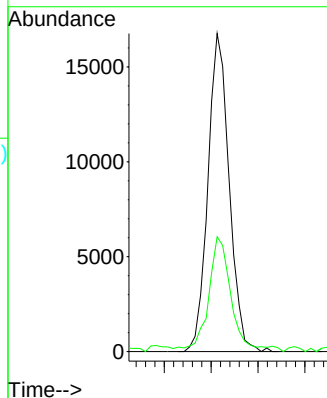
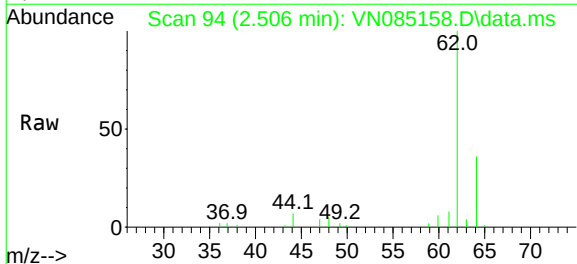
Manual Integrations  
APPROVED

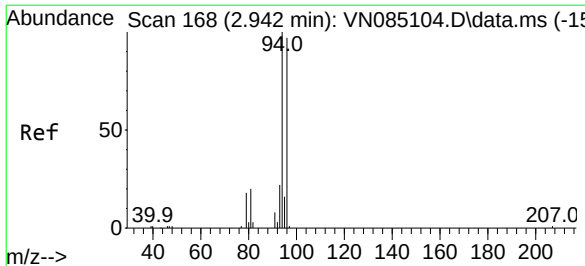
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#4  
Vinyl Chloride  
Concen: 15.079 ug/l  
RT: 2.506 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

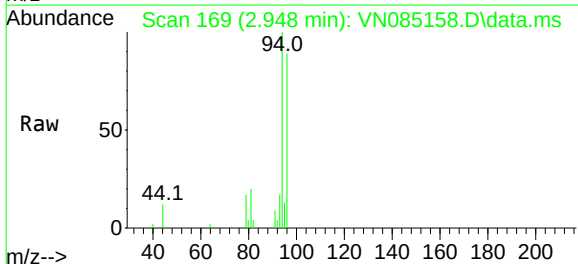
Tgt Ion: 62 Resp: 26353  
Ion Ratio Lower Upper  
62 100  
64 34.9 24.6 36.8





#5  
Bromomethane  
Concen: 19.749 ug/l  
RT: 2.948 min Scan# 168  
Delta R.T. 0.047 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

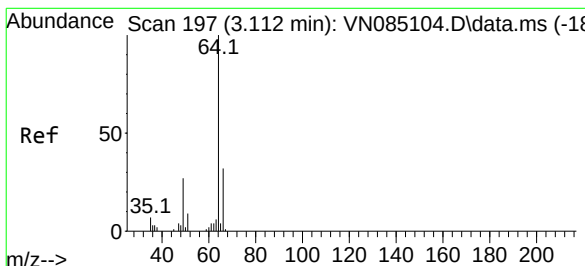
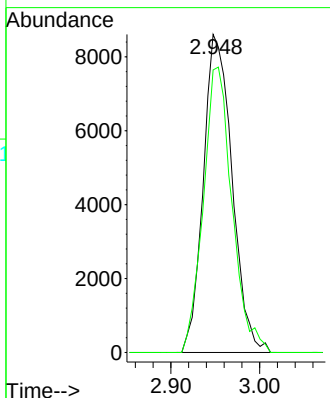
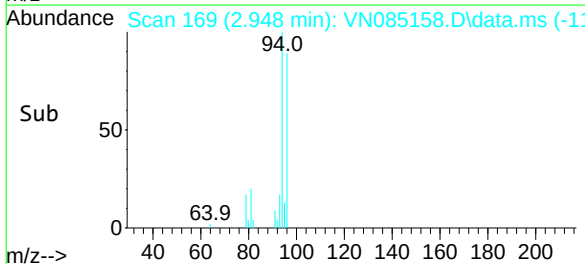
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



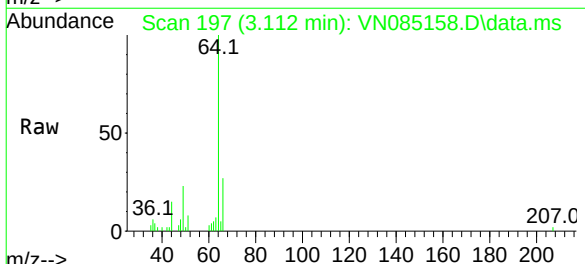
Tgt Ion: 94 Resp: 19345  
Ion Ratio Lower Upper  
94 100  
96 88.8 78.7 118.1

Manual Integrations  
APPROVED

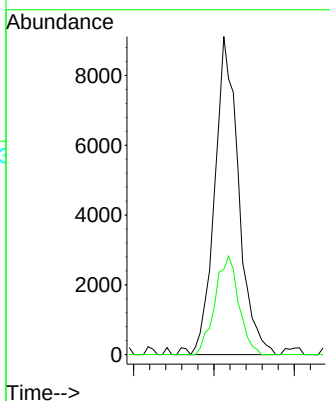
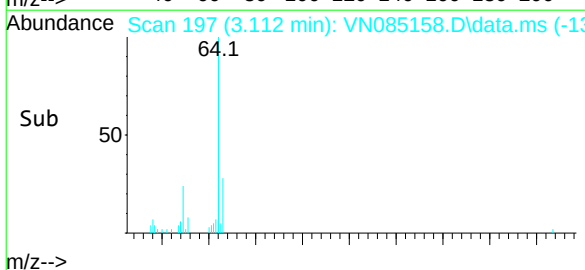
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024

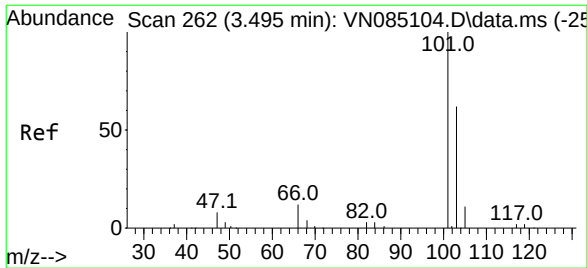


#6  
Chloroethane  
Concen: 16.061 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. 0.047 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42



Tgt Ion: 64 Resp: 18919  
Ion Ratio Lower Upper  
64 100  
66 26.8 24.4 36.6





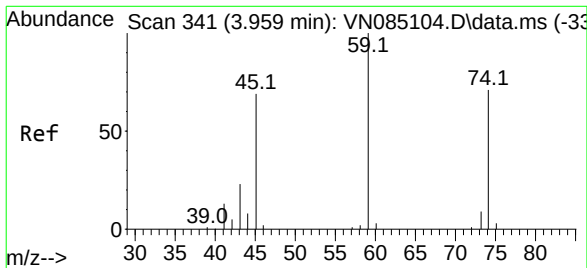
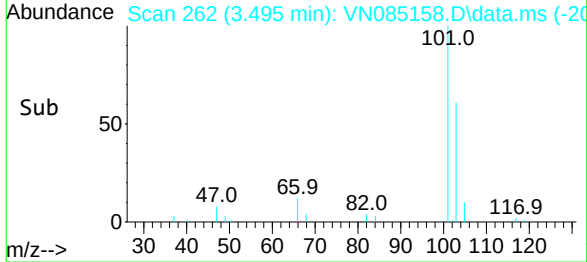
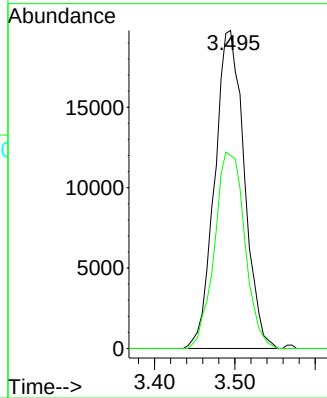
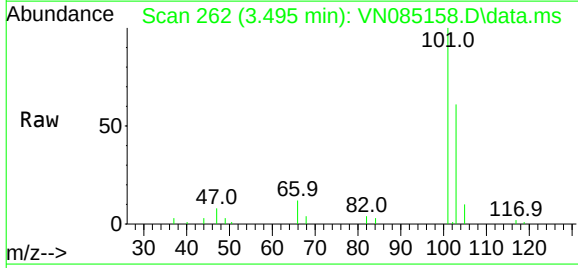
#7  
 Trichlorofluoromethane  
 Concen: 16.981 ug/l  
 RT: 3.495 min Scan# 262  
 Delta R.T. 0.035 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1210WBS01

Tgt Ion: 101 Resp: 50483  
 Ion Ratio Lower Upper  
 101 100  
 103 60.7 52.6 78.8

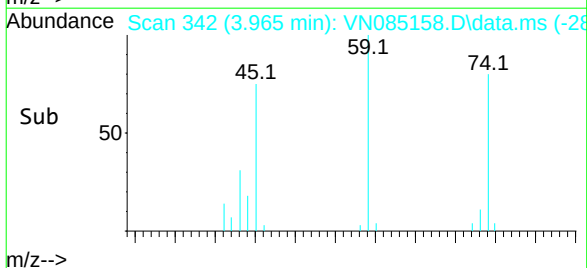
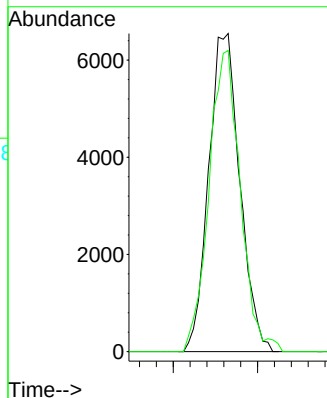
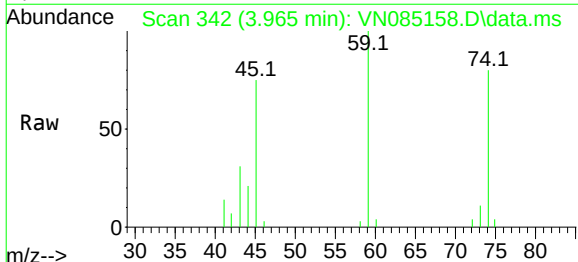
Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/11/2024  
 Supervised By : Mahesh Dadoda 12/11/2024

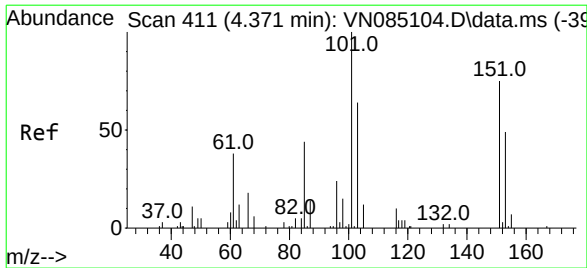


#8  
 Diethyl Ether  
 Concen: 16.605 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.017 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

Tgt Ion: 74 Resp: 16802  
 Ion Ratio Lower Upper  
 74 100  
 45 95.1 46.7 140.1







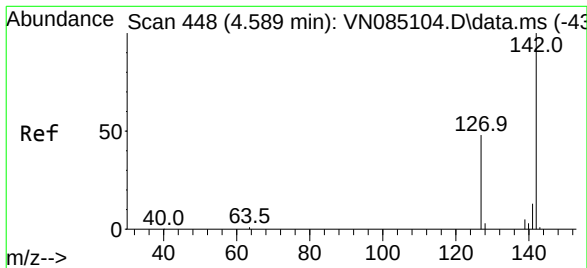
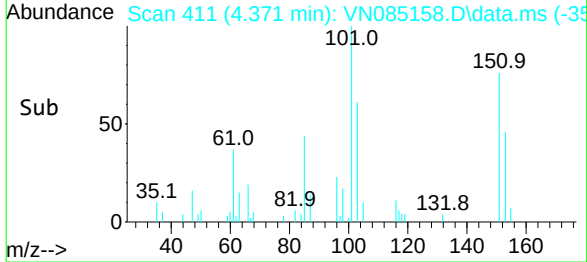
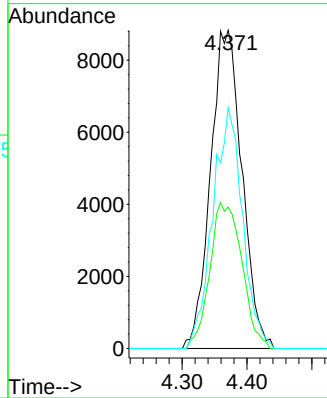
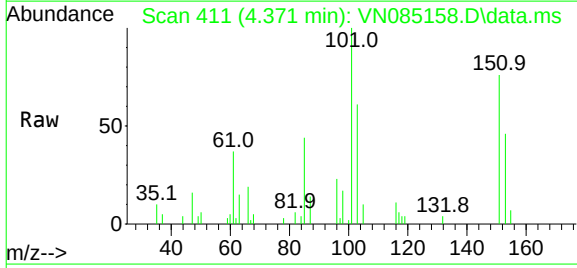
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.643 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.018 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 29749 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 46.7  | 36.9  | 55.3  |
| 151       | 71.6  | 60.8  | 91.2  |

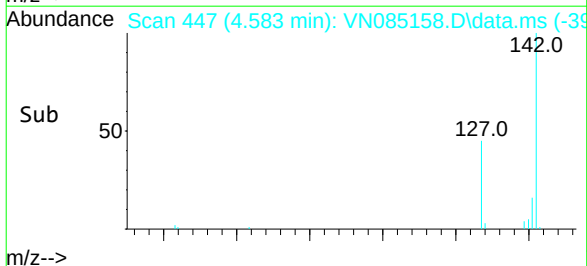
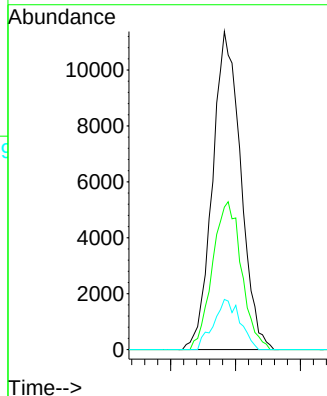
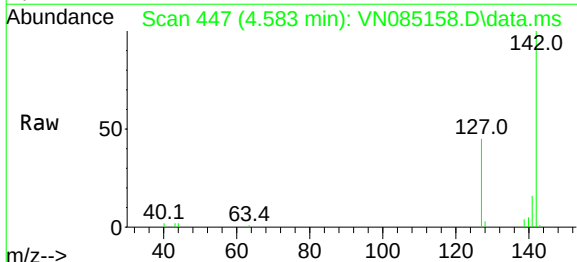
Manual Integrations  
APPROVED

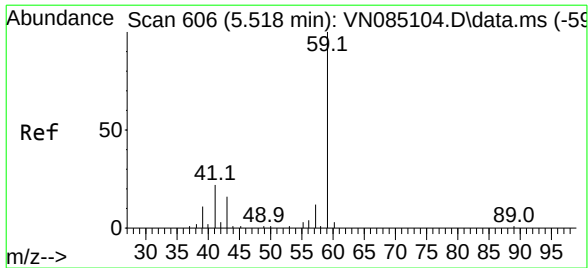
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#10  
Methyl Iodide  
Concen: 15.412 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. 0.012 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 34398 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 44.8  | 36.6  | 54.8  |
| 141       | 15.8  | 12.2  | 18.4  |





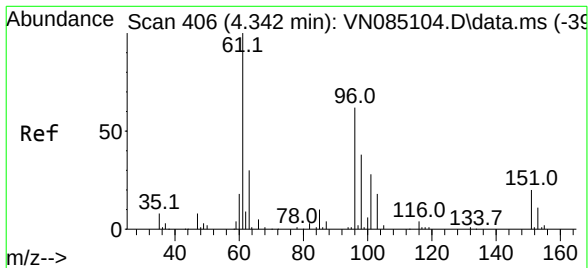
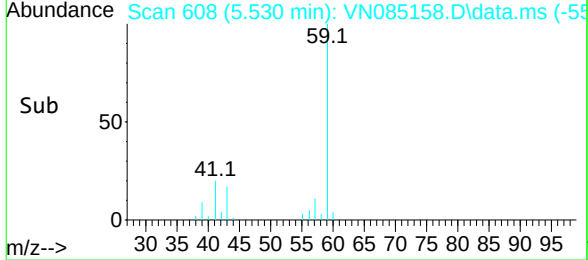
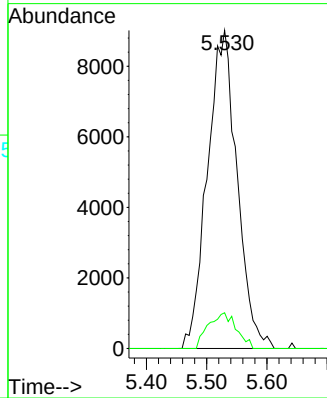
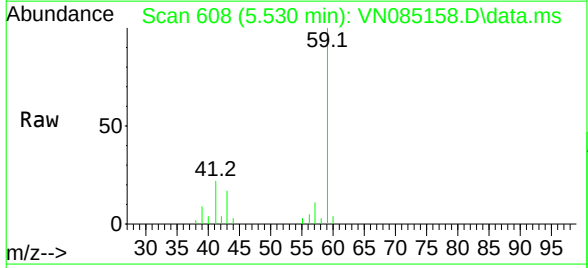
#11  
Tert butyl alcohol  
Concen: 109.358 ug/l  
RT: 5.530 min Scan# 608  
Delta R.T. -0.012 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.5  | 7.4   | 11.0  |

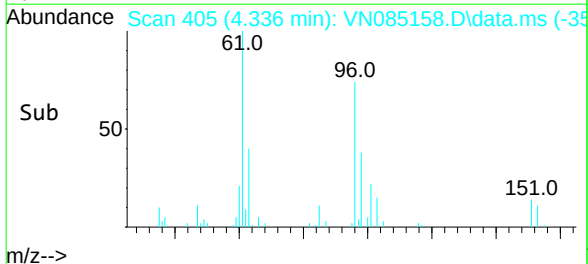
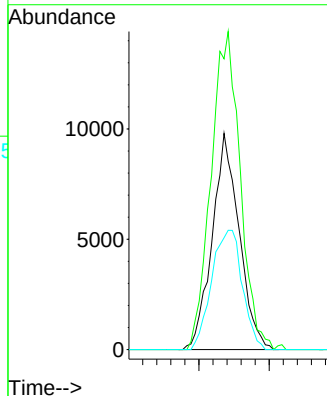
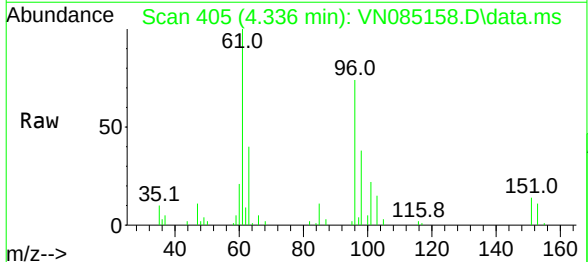
Manual Integrations  
**APPROVED**

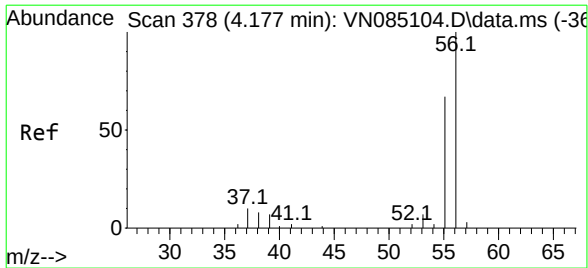
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#12  
1,1-Dichloroethene  
Concen: 16.595 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. 0.018 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

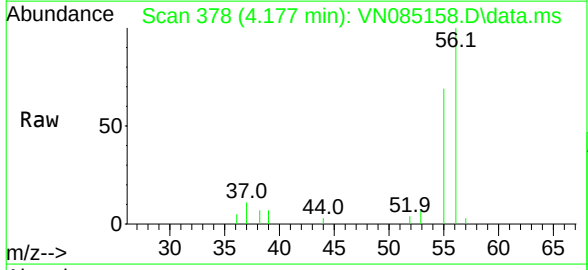
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 134.5 | 127.8 | 191.8 |
| 98      | 51.7  | 49.2  | 73.8  |





#13  
 Acrolein  
 Concen: 88.053 ug/l  
 RT: 4.177 min Scan# 378  
 Delta R.T. 0.012 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

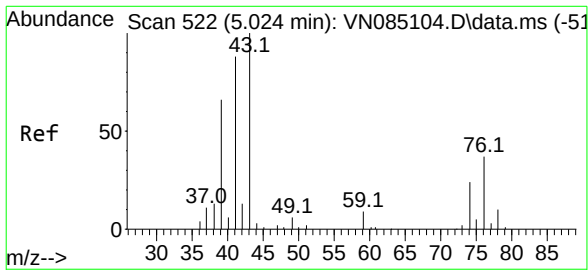
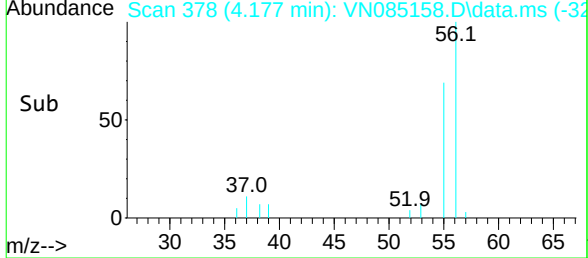
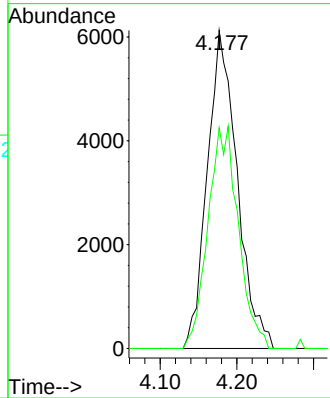
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1210WBS01



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 16584 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 55        | 71.1  | 54.5  | 81.7  |

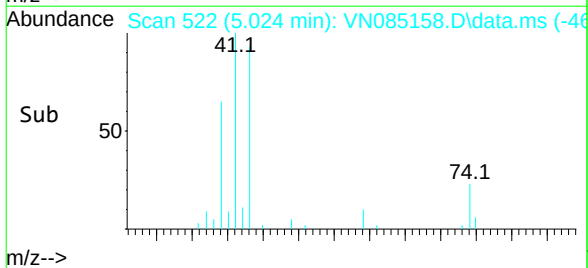
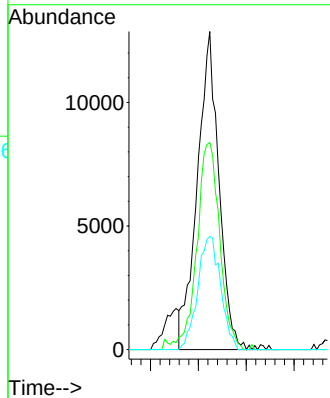
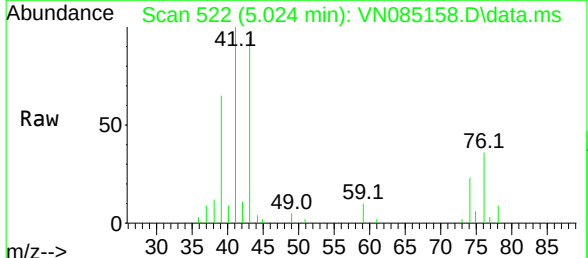
Manual Integrations  
 APPROVED

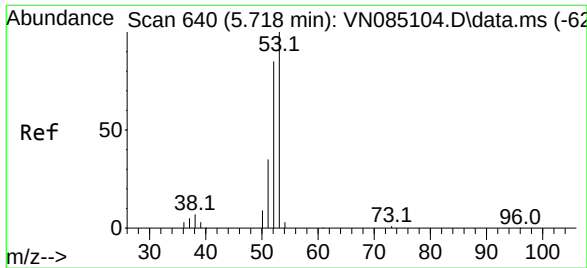
Reviewed By :John Carlone 12/11/2024  
 Supervised By :Mahesh Dadoda 12/11/2024



#14  
 Allyl chloride  
 Concen: 15.275 ug/l m  
 RT: 5.024 min Scan# 522  
 Delta R.T. 0.018 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

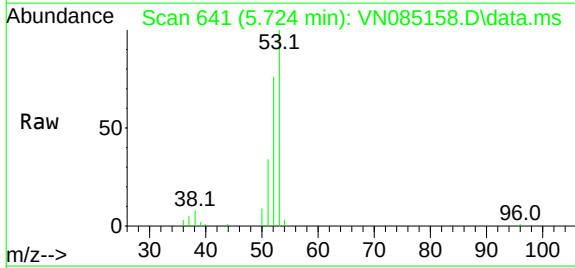
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 40528 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 68.0  | 53.8  | 80.8  |
| 76        | 37.4  | 29.3  | 43.9  |





#15  
Acrylonitrile  
Concen: 99.186 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.012 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

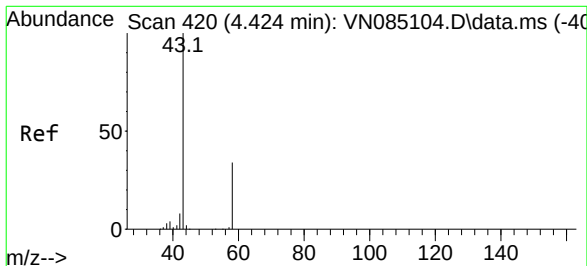
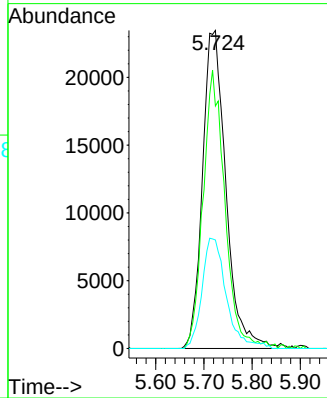
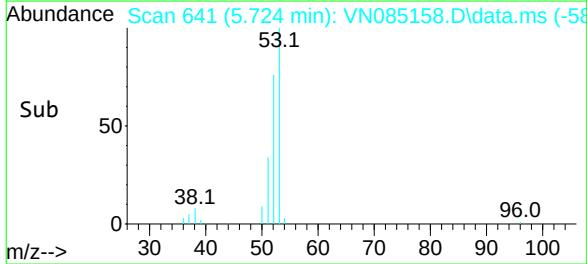
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 79261 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.4  | 65.5  | 98.3  |
| 51       | 35.9  | 28.4  | 42.6  |

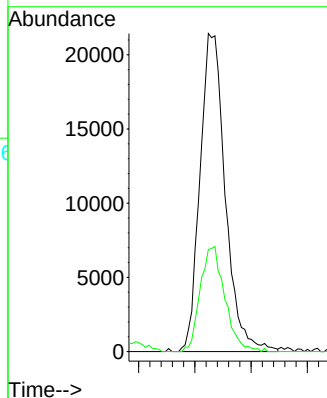
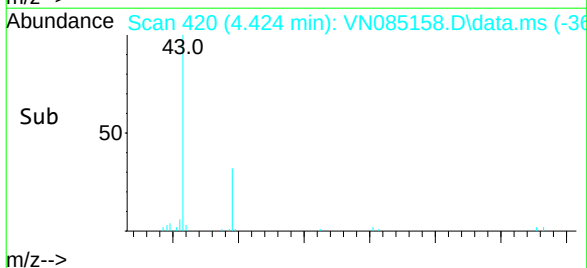
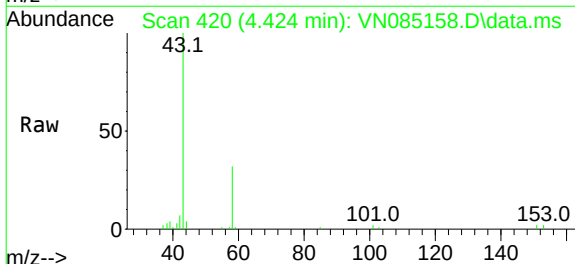
Manual Integrations  
APPROVED

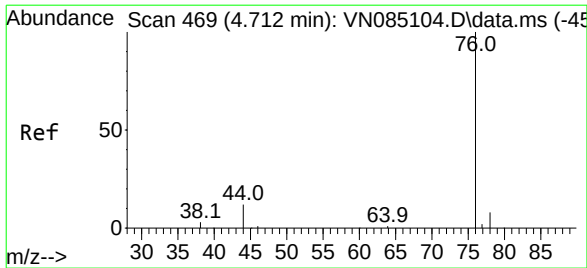
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#16  
Acetone  
Concen: 108.934 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

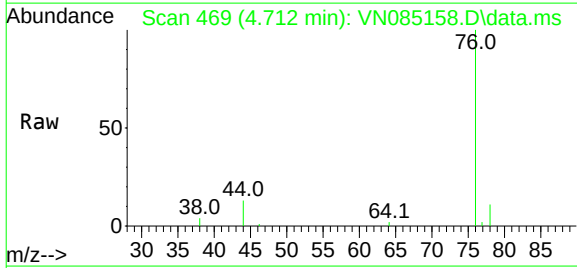
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 67011 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 32.1  | 25.4  | 38.2  |





#17  
Carbon Disulfide  
Concen: 14.804 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.018 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

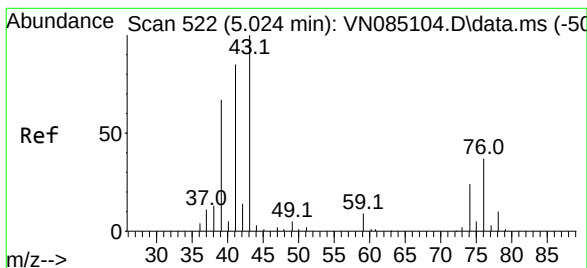
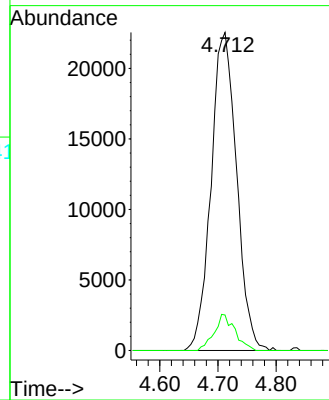
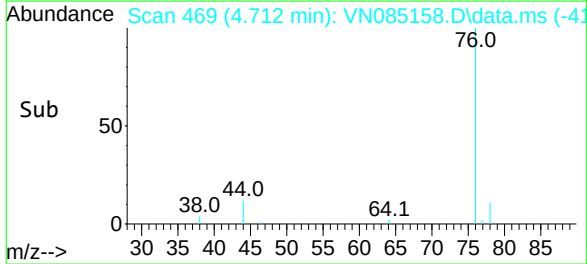
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



Tgt Ion: 76 Resp: 68776  
Ion Ratio Lower Upper  
76 100  
78 11.2 6.5 9.7#

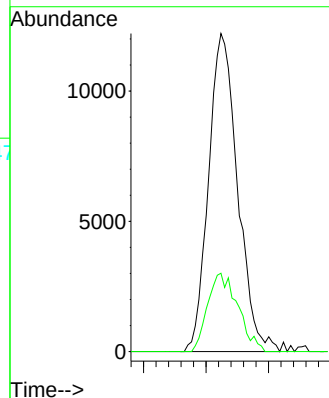
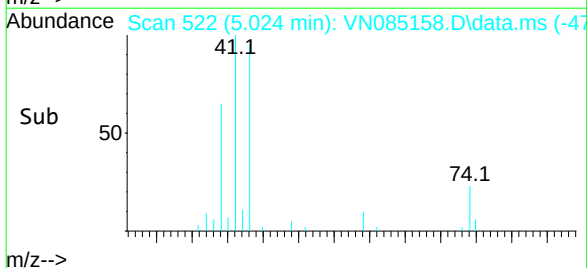
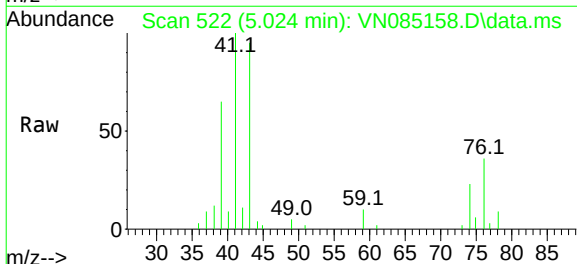
Manual Integrations  
APPROVED

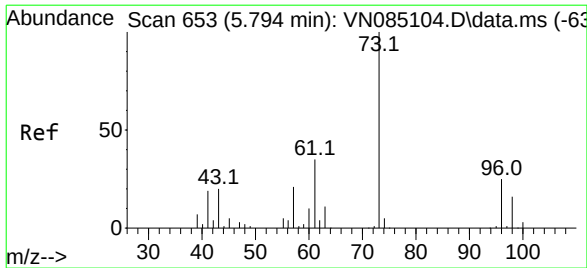
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#18  
Methyl Acetate  
Concen: 19.381 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion: 43 Resp: 39487  
Ion Ratio Lower Upper  
43 100  
74 25.6 20.1 30.1





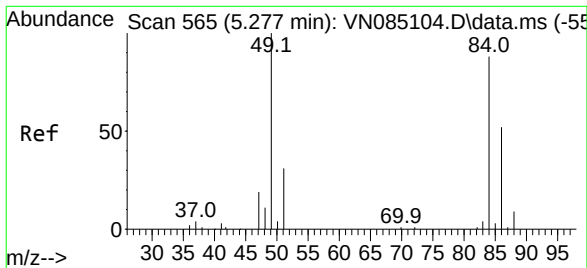
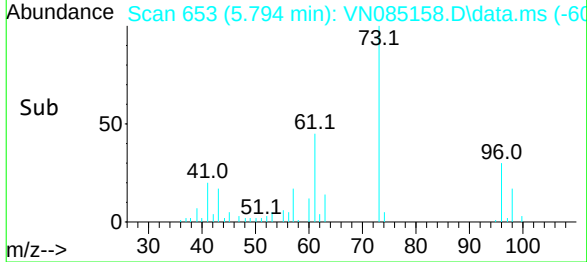
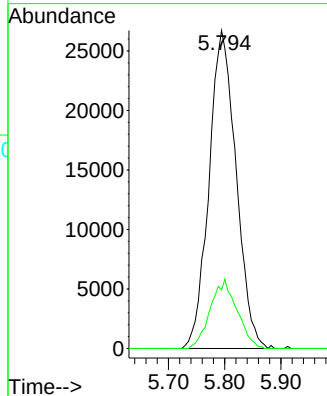
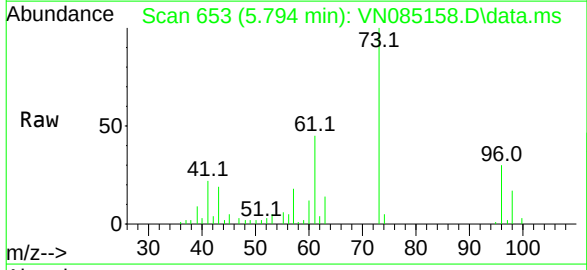
#19  
Methyl tert-butyl Ether  
Concen: 17.383 ug/l  
RT: 5.794 min Scan# 653  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Tgt Ion: 73 Resp: 89389  
Ion Ratio Lower Upper  
73 100  
57 18.4 17.0 25.4

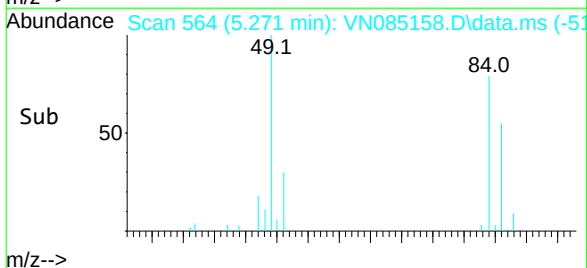
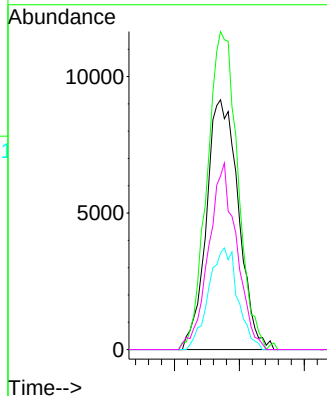
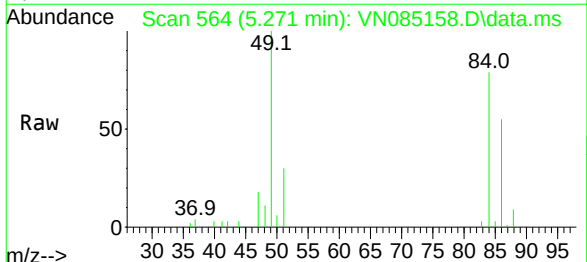
Manual Integrations  
APPROVED

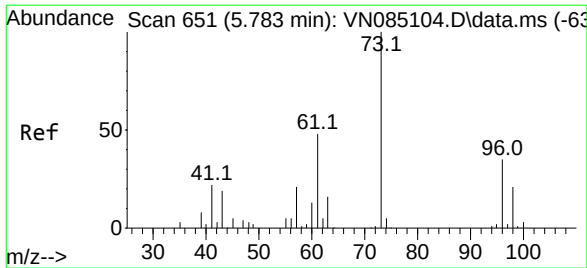
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#20  
Methylene Chloride  
Concen: 16.721 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion: 84 Resp: 31388  
Ion Ratio Lower Upper  
84 100  
49 127.3 92.7 139.1  
51 38.6 29.4 44.2  
86 69.5 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 16.769 ug/l

RT: 5.789 min Scan# 651

Delta R.T. 0.018 min

Lab File: VN085158.D

Acq: 10 Dec 2024 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN1210WBS01

Tgt Ion: 96 Resp: 27773

Ion Ratio Lower Upper

96 100

61 132.3 100.7 151.1

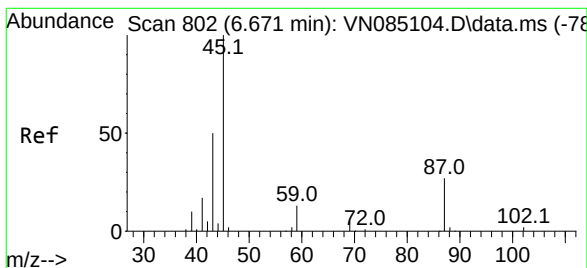
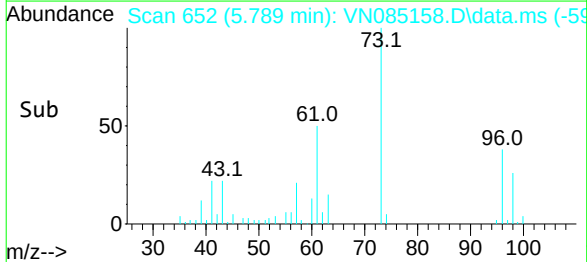
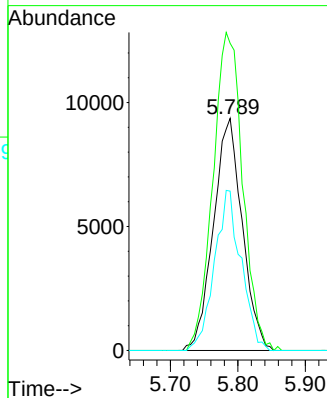
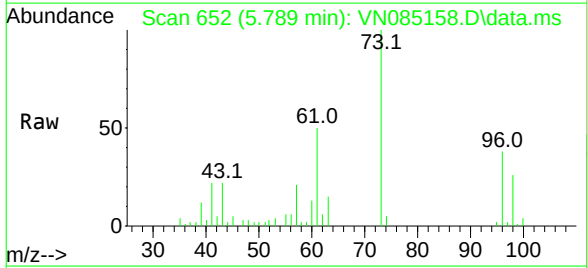
98 68.7 45.8 68.6#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#22

Diisopropyl ether

Concen: 17.219 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.006 min

Lab File: VN085158.D

Acq: 10 Dec 2024 11:42

Tgt Ion: 45 Resp: 91951

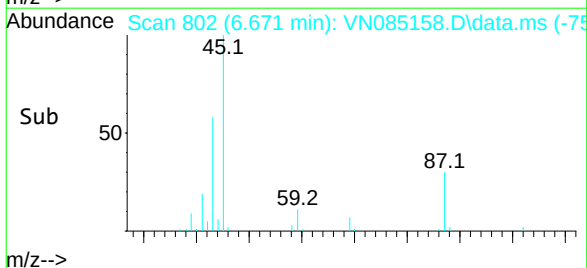
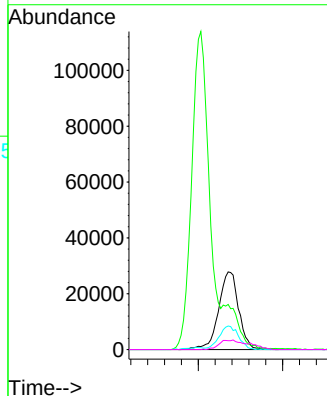
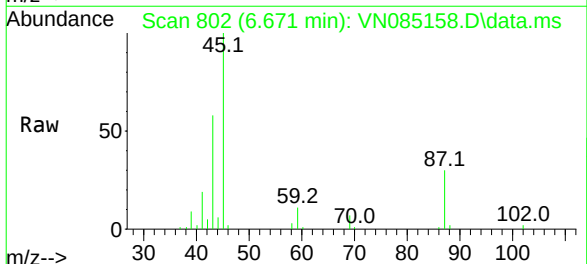
Ion Ratio Lower Upper

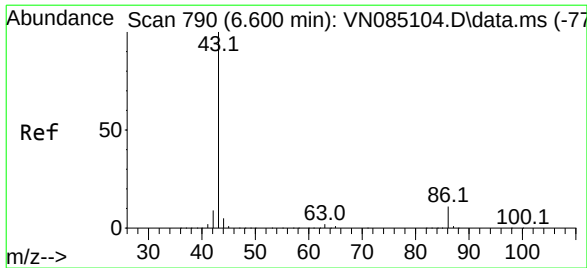
45 100

43 56.9 42.7 64.1

87 30.3 22.6 34.0

59 11.5 9.9 14.9





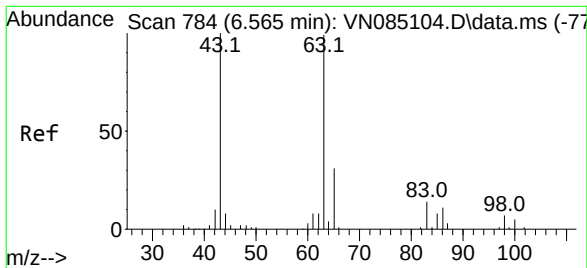
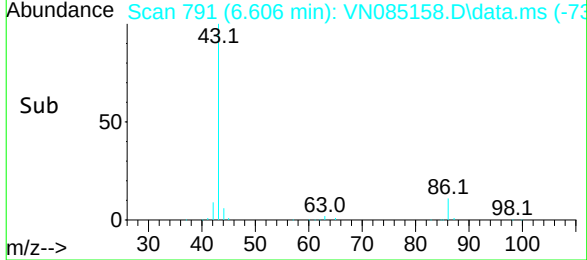
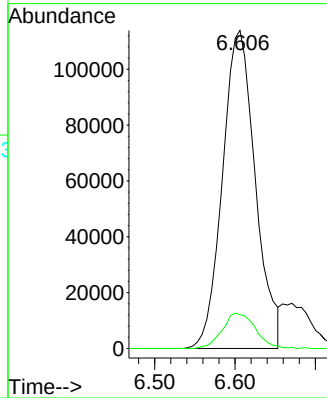
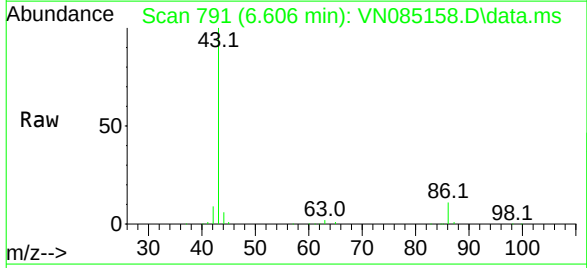
#23  
 Vinyl Acetate  
 Concen: 87.955 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.012 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1210WBS01

Tgt Ion: 43 Resp: 324024  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.9 13.3

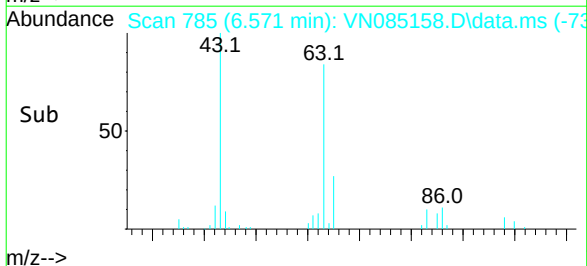
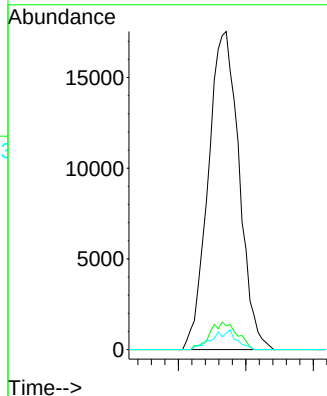
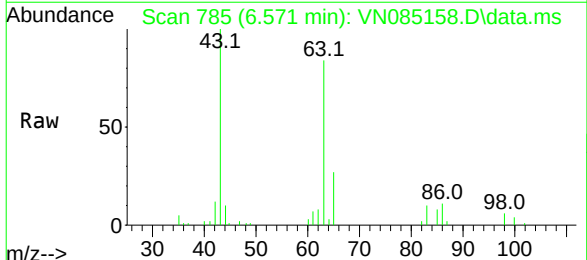
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 12/11/2024  
 Supervised By :Mahesh Dadoda 12/11/2024

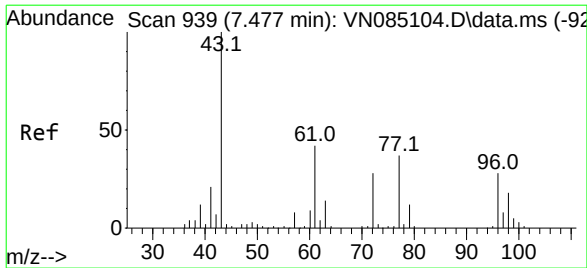


#24  
 1,1-Dichloroethane  
 Concen: 17.449 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.018 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

Tgt Ion: 63 Resp: 55759  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.3 9.8  
 100 5.1 2.2 6.6







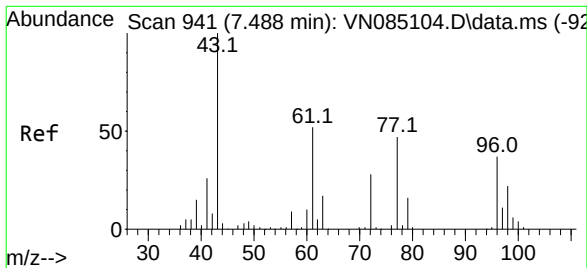
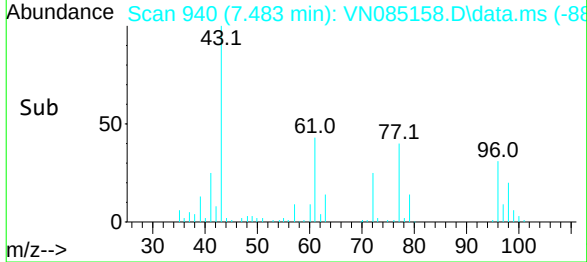
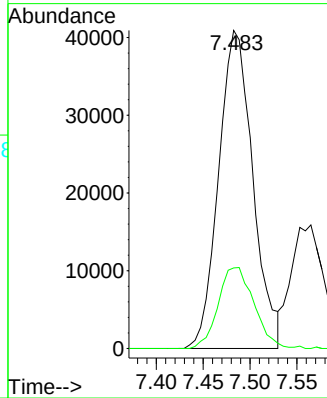
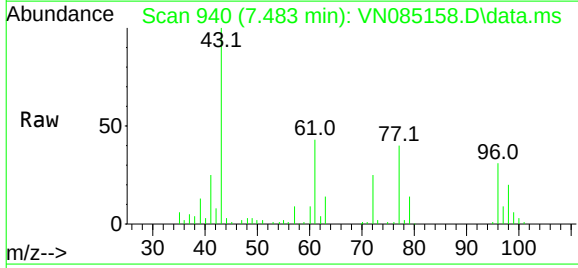
#25  
2-Butanone  
Concen: 103.434 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Tgt Ion: 43 Resp: 104026  
Ion Ratio Lower Upper  
43 100  
72 25.3 21.4 32.0

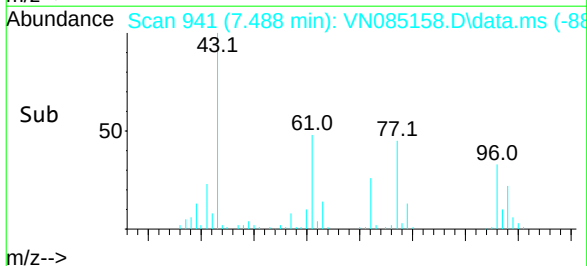
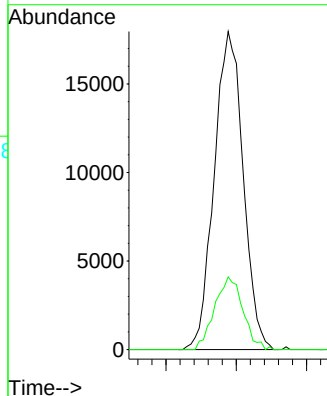
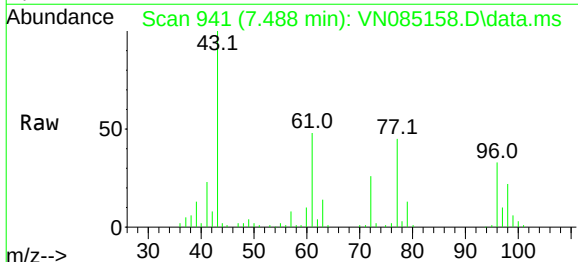
Manual Integrations  
APPROVED

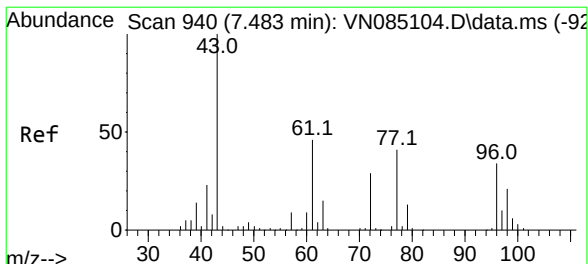
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#26  
2,2-Dichloropropane  
Concen: 17.206 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion: 77 Resp: 51343  
Ion Ratio Lower Upper  
77 100  
97 22.3 10.9 32.7





#27  
 cis-1,2-Dichloroethene  
 Concen: 16.971 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.012 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

Instrument :

MSVOA\_N

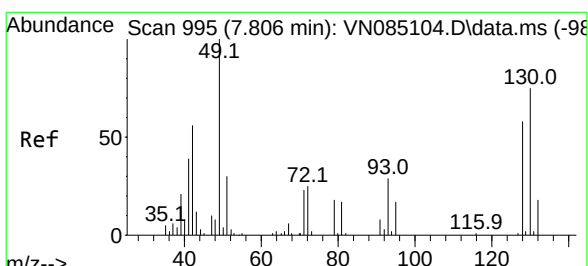
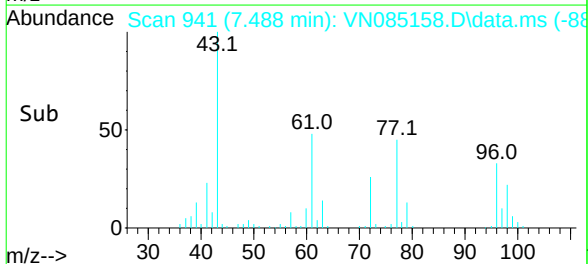
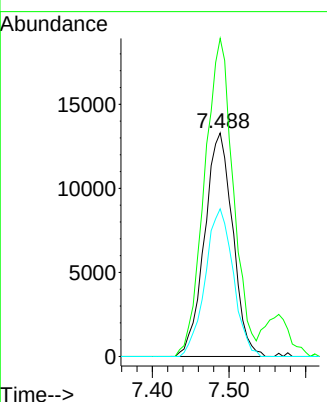
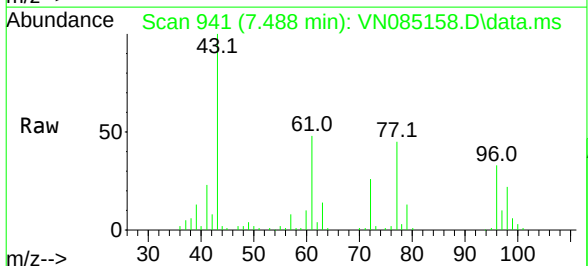
ClientSampleId :

VN1210WBS01

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 3386  |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 145.6    | 0.0 291.6   |
| 98 65.7     | 0.0 129.8   |

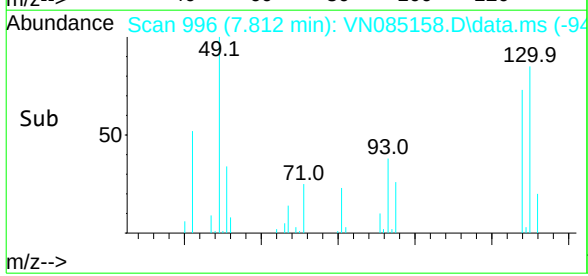
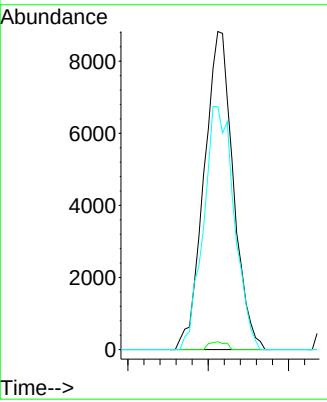
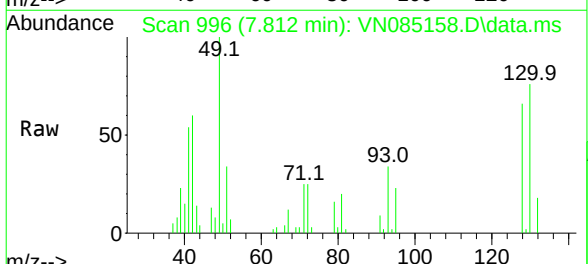
Manual Integrations  
 APPROVED

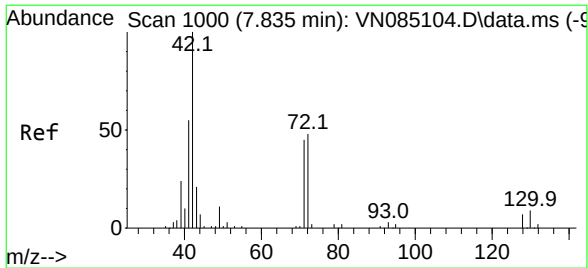
Reviewed By :John Carlone 12/11/2024  
 Supervised By :Mahesh Dadoda 12/11/2024



#28  
 Bromochloromethane  
 Concen: 18.459 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 22267 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 1.5     | 0.0 4.0     |
| 130 80.4    | 60.6 90.8   |





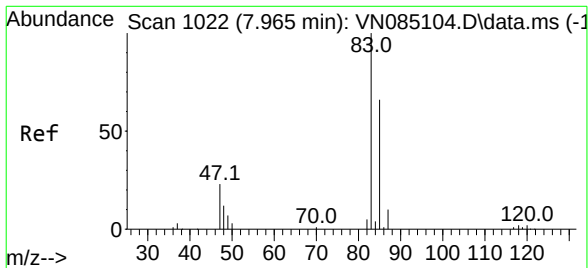
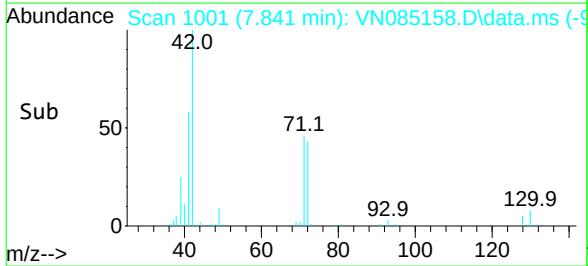
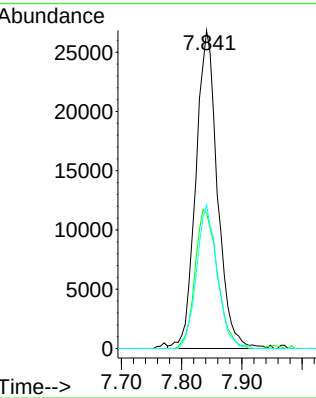
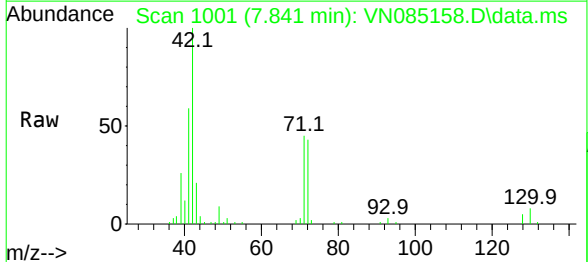
#29  
Tetrahydrofuran  
Concen: 107.045 ug/l  
RT: 7.841 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.4  | 37.0  | 55.4  |
| 71      | 43.4  | 35.0  | 52.4  |

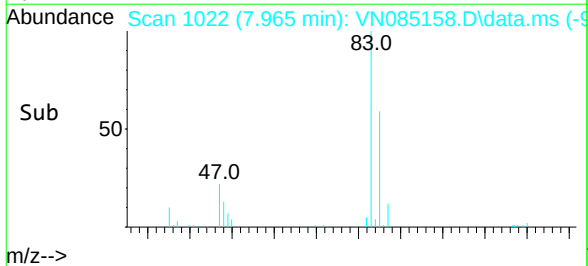
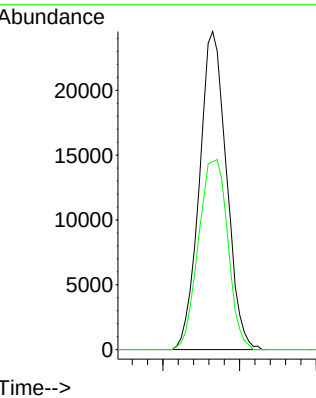
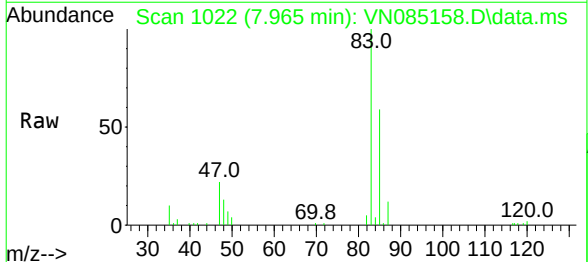
Manual Integrations  
APPROVED

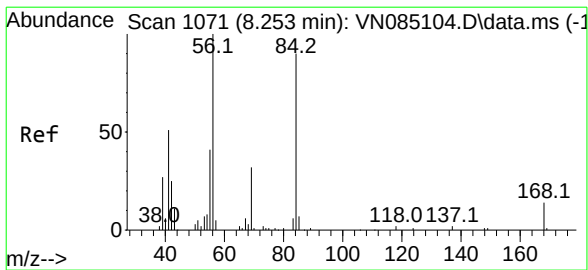
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#30  
Chloroform  
Concen: 17.691 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

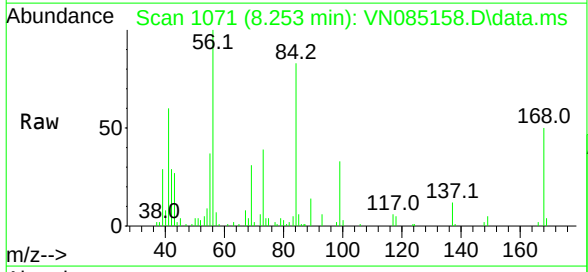
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 59.1  | 52.6  | 78.8  |





#31  
Cyclohexane  
Concen: 15.909 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

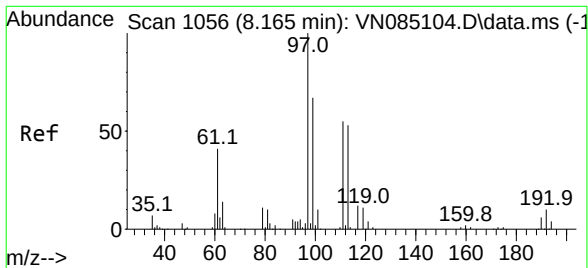
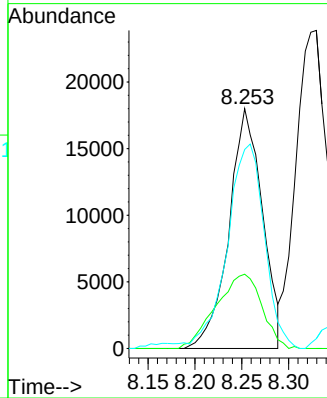
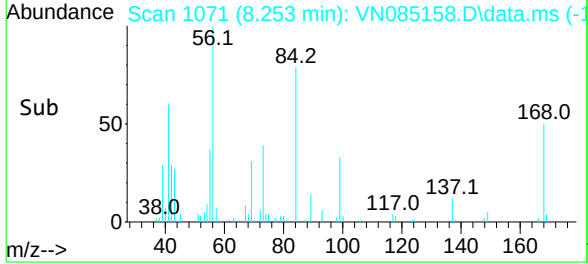
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



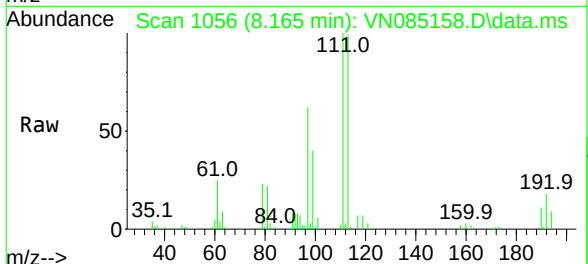
Tgt Ion: 56 Resp: 44762  
Ion Ratio Lower Upper  
56 100  
69 31.0 24.6 36.8  
84 80.9 71.4 107.2

Manual Integrations  
APPROVED

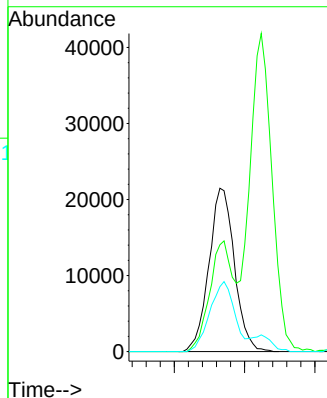
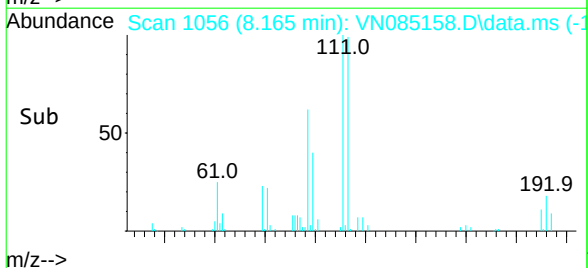
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024

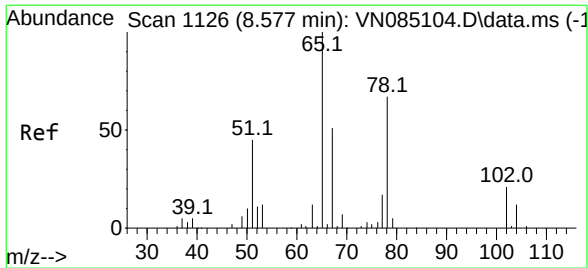


#32  
1,1,1-Trichloroethane  
Concen: 17.600 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42



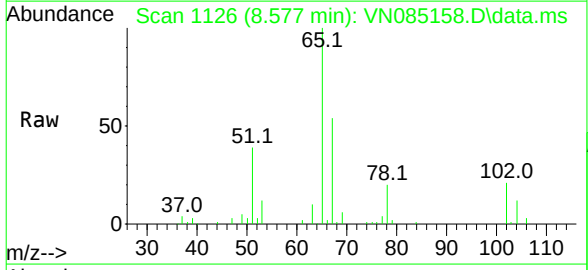
Tgt Ion: 97 Resp: 54062  
Ion Ratio Lower Upper  
97 100  
99 62.3 51.0 76.4  
61 42.5 36.2 54.2





#33  
 1,2-Dichloroethane-d4  
 Concen: 49.478 ug/l  
 RT: 8.577 min Scan# 1116  
 Delta R.T. 0.006 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

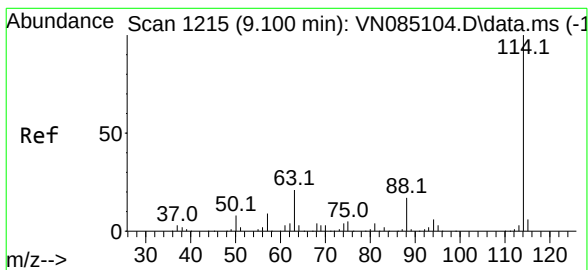
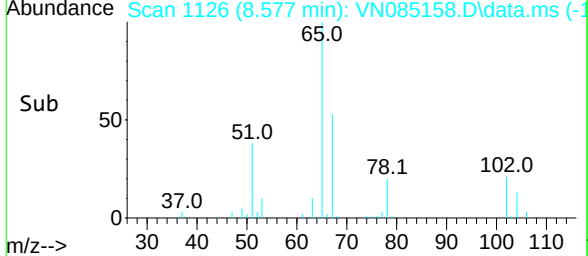
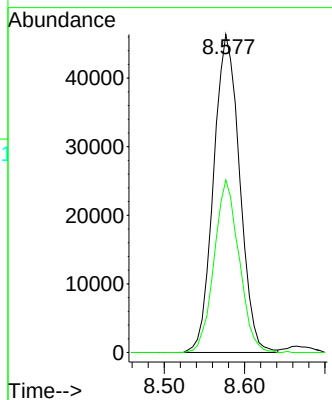
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1210WBS01



Tgt Ion: 65 Resp: 104508  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 105.0

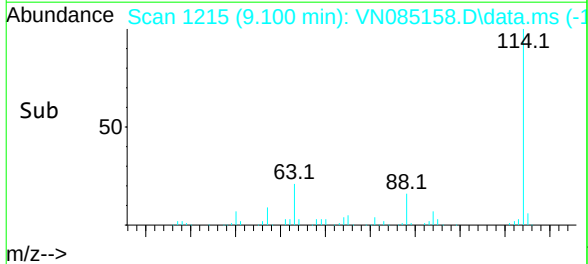
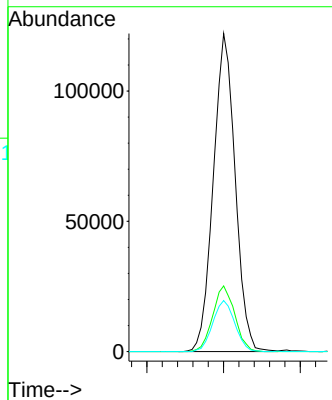
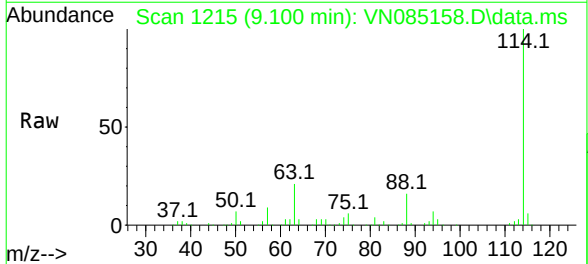
Manual Integrations  
**APPROVED**

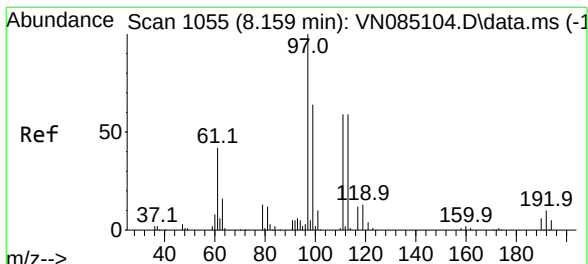
Reviewed By :John Carlone 12/11/2024  
 Supervised By :Mahesh Dadoda 12/11/2024



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.006 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

Tgt Ion:114 Resp: 241760  
 Ion Ratio Lower Upper  
 114 100  
 63 20.7 0.0 41.0  
 88 16.0 0.0 34.8





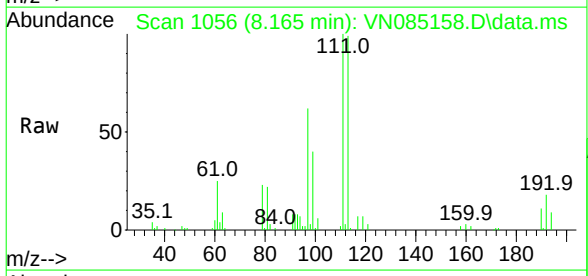
#35  
 Dibromofluoromethane  
 Concen: 51.747 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. 0.006 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

Instrument :

MSVOA\_N

ClientSampleId :

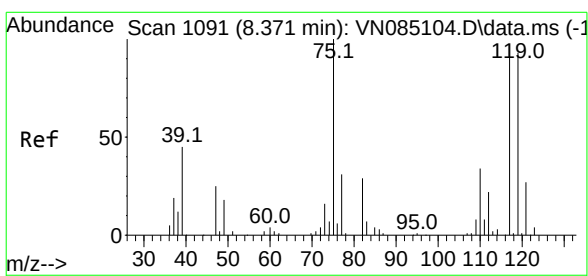
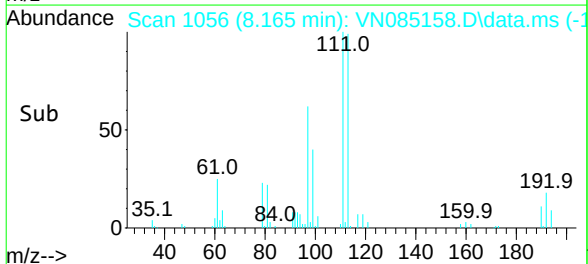
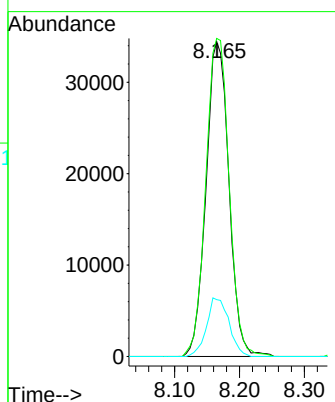
VN1210WBS01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 84366 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.1 | 82.0  | 123.0 |
| 192      | 18.2  | 14.8  | 22.2  |

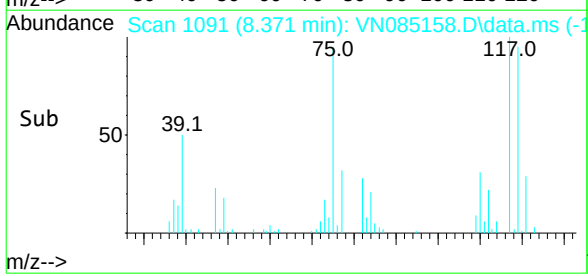
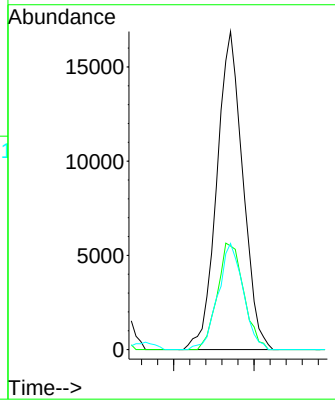
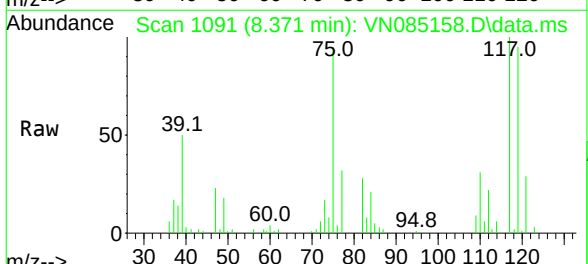
Manual Integrations  
 APPROVED

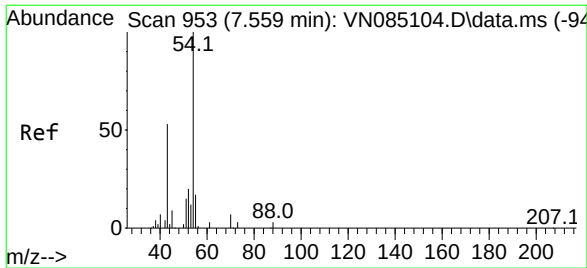
Reviewed By :John Carlone 12/11/2024  
 Supervised By :Mahesh Dadoda 12/11/2024



#36  
 1,1-Dichloropropene  
 Concen: 17.183 ug/l  
 RT: 8.371 min Scan# 1091  
 Delta R.T. 0.006 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

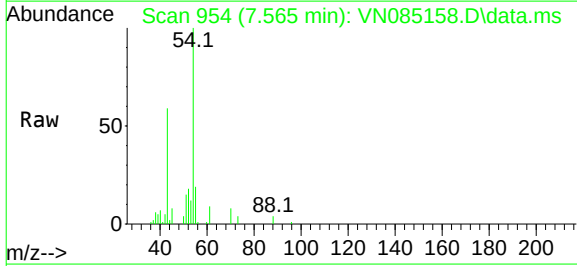
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 37946 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 33.8  | 17.2  | 51.6  |
| 77       | 32.2  | 24.2  | 36.4  |





#37  
Ethyl Acetate  
Concen: 20.916 ug/l  
RT: 7.565 min Scan# 953  
Delta R.T. 0.012 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

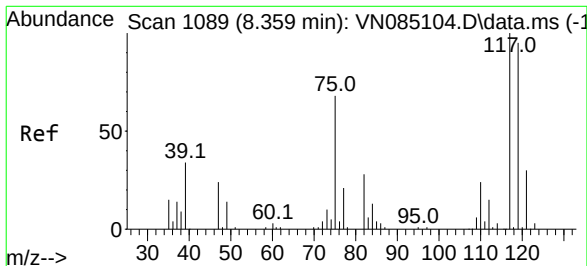
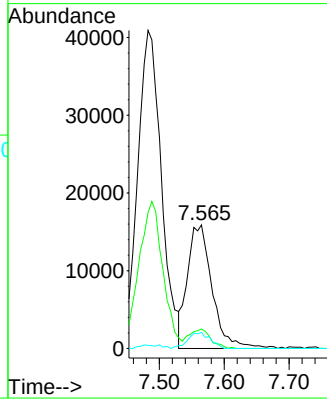
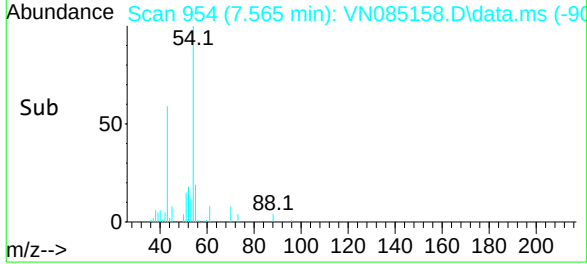
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



Tgt Ion: 43 Resp: 41991  
Ion Ratio Lower Upper  
43 100  
61 13.8 11.7 17.5  
70 11.7 9.3 13.9

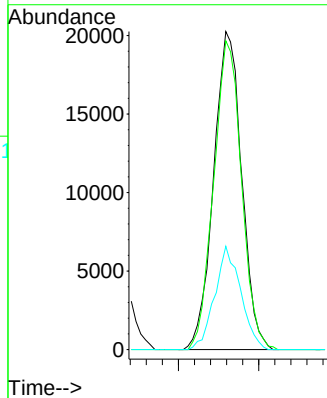
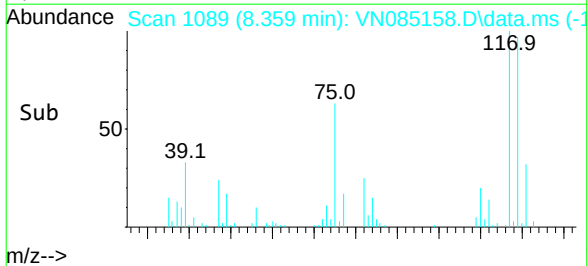
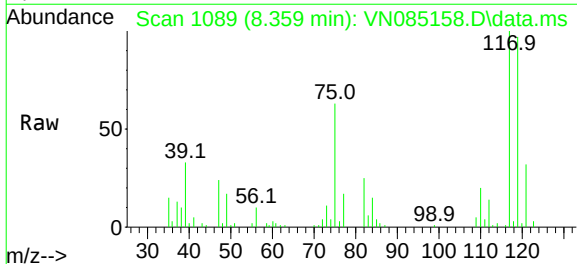
Manual Integrations  
APPROVED

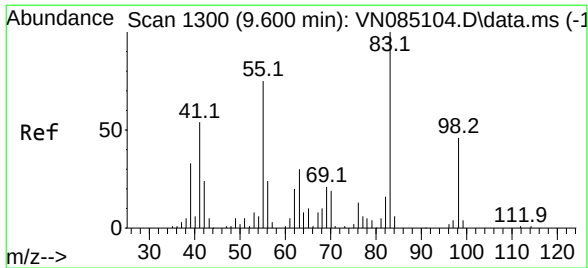
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#38  
Carbon Tetrachloride  
Concen: 19.256 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

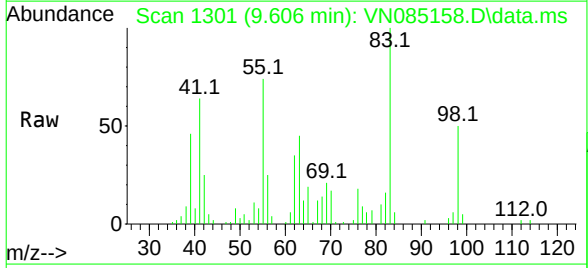
Tgt Ion:117 Resp: 49083  
Ion Ratio Lower Upper  
117 100  
119 97.1 78.6 117.8  
121 32.5 24.2 36.2





#39  
Methylcyclohexane  
Concen: 16.328 ug/l  
RT: 9.606 min Scan# 1300  
Delta R.T. 0.012 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

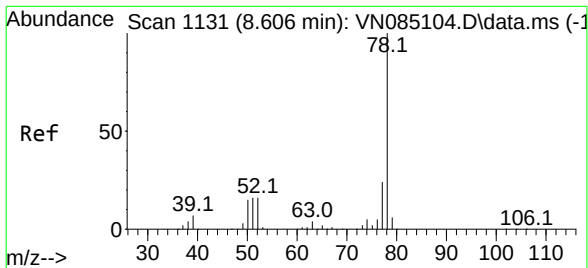
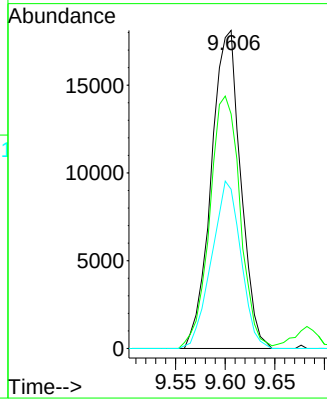
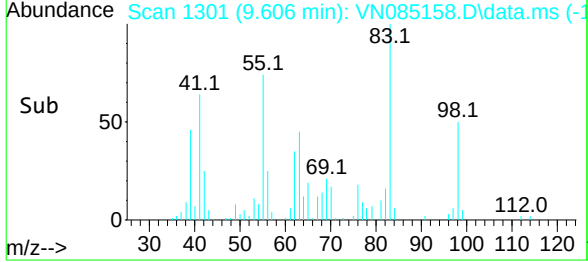
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



Tgt Ion: 83 Resp: 37468  
Ion Ratio Lower Upper  
83 100  
55 73.7 61.8 92.6  
98 50.0 37.0 55.6

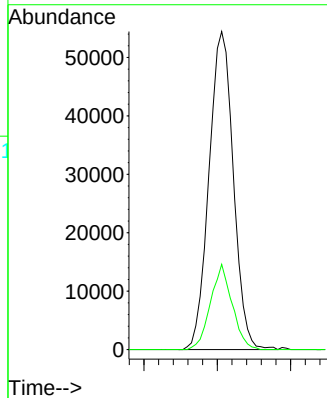
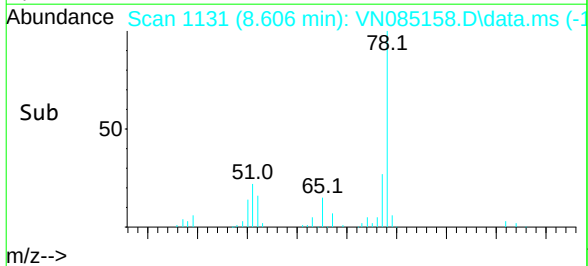
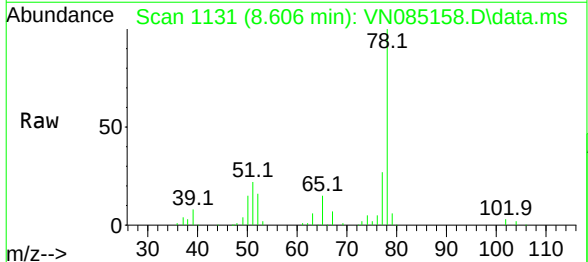
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024

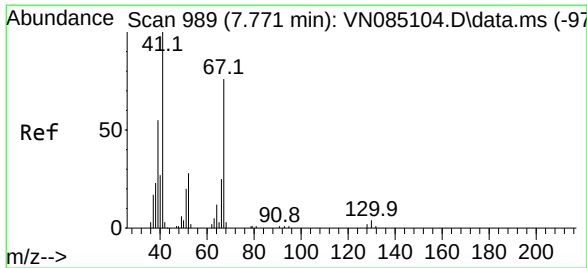


#40  
Benzene  
Concen: 17.983 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion: 78 Resp: 125598  
Ion Ratio Lower Upper  
78 100  
77 26.8 18.5 27.7

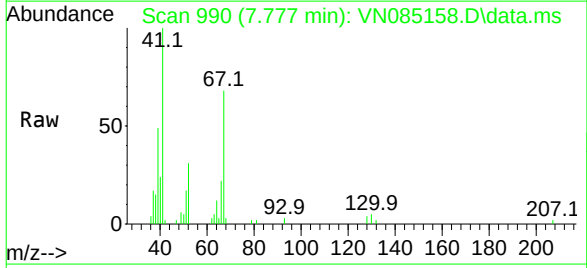






#41  
Methacrylonitrile  
Concen: 20.738 ug/l  
RT: 7.777 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

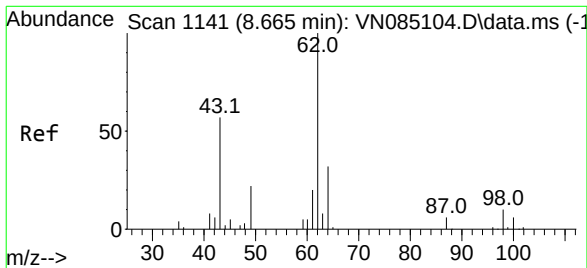
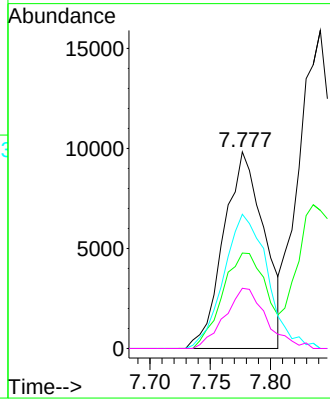
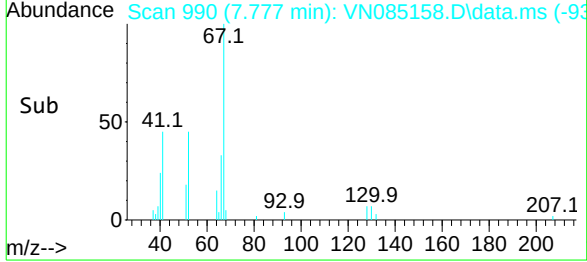
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 52.4  | 42.6  | 63.8  |
| 67      | 73.3  | 59.9  | 89.9  |
| 52      | 31.3  | 24.8  | 37.2  |

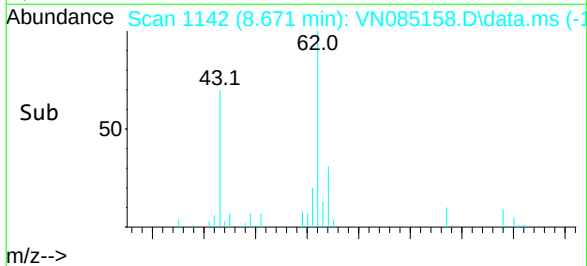
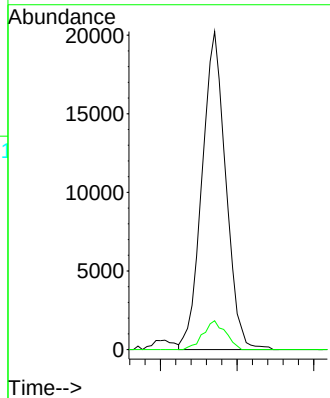
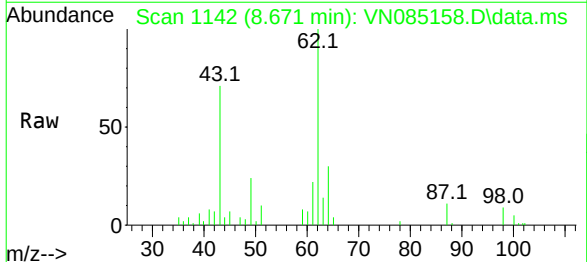
Manual Integrations  
APPROVED

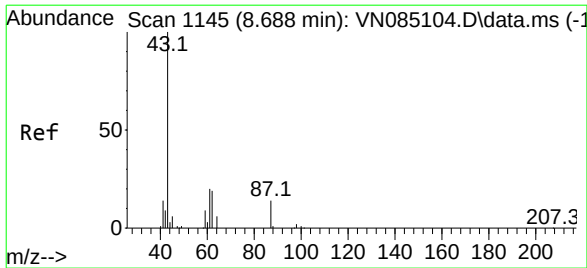
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#42  
1,2-Dichloroethane  
Concen: 18.206 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

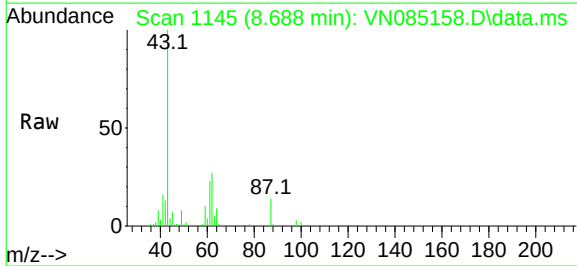
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.6   | 0.0   | 18.2  |





#43  
Isopropyl Acetate  
Concen: 17.162 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

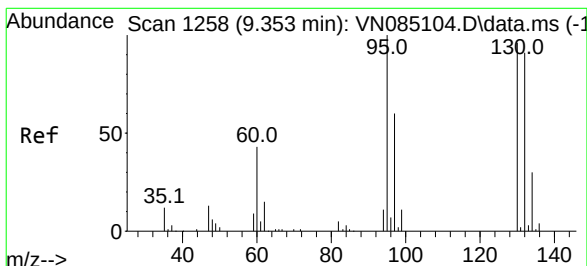
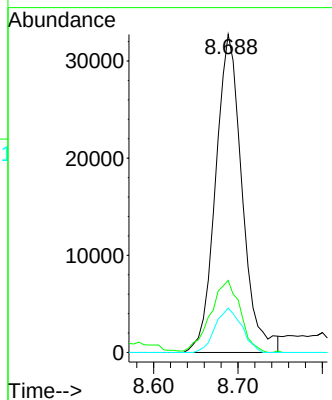
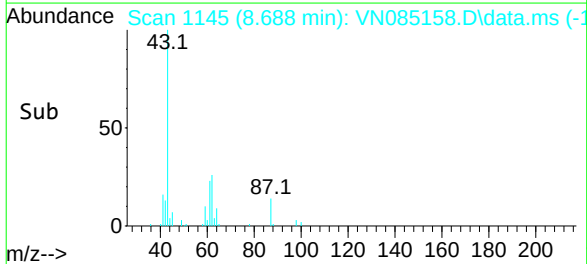
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



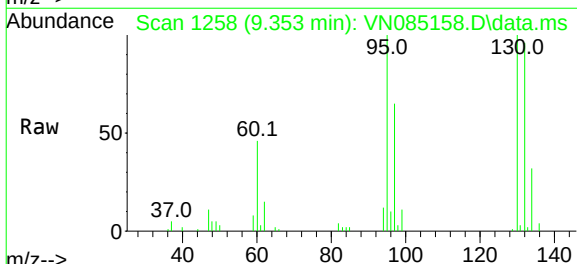
Tgt Ion: 43 Resp: 71566  
Ion Ratio Lower Upper  
43 100  
61 25.5 20.6 30.8  
87 13.9 11.0 16.4

Manual Integrations  
APPROVED

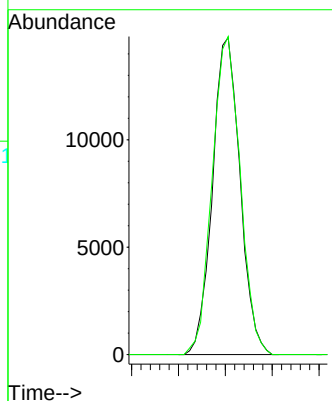
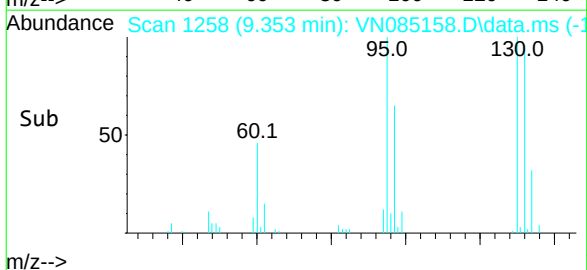
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024

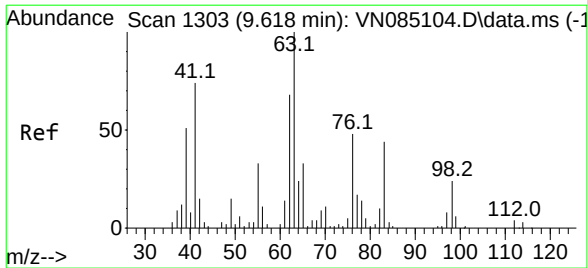


#44  
Trichloroethene  
Concen: 18.549 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42



Tgt Ion:130 Resp: 30107  
Ion Ratio Lower Upper  
130 100  
95 100.3 0.0 213.4





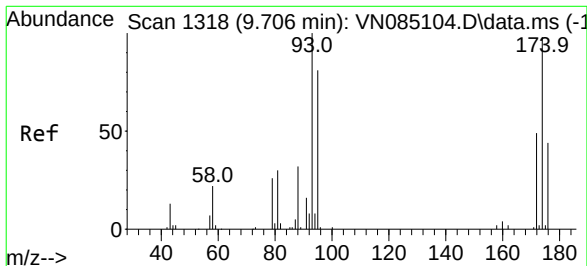
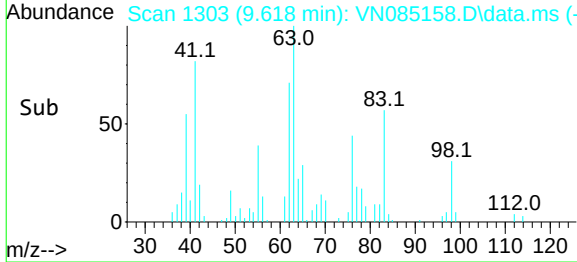
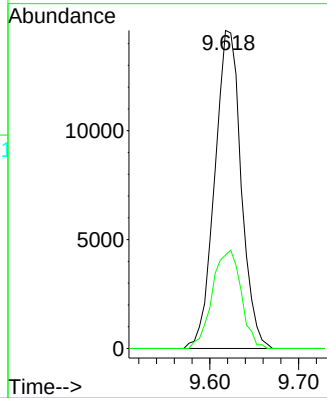
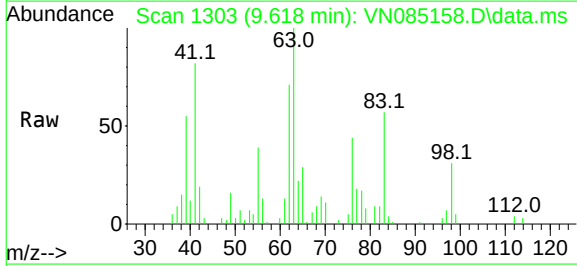
#45  
1,2-Dichloropropane  
Concen: 17.556 ug/l  
RT: 9.618 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Tgt Ion: 63 Resp: 30201  
Ion Ratio Lower Upper  
63 100  
65 29.4 24.0 36.0

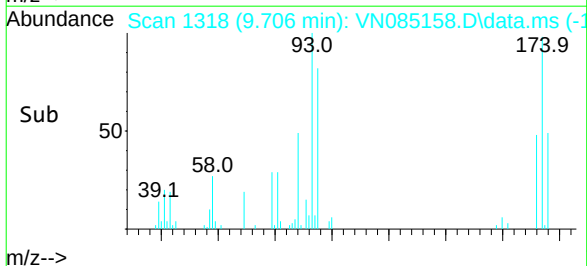
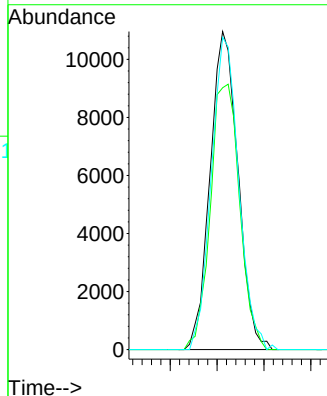
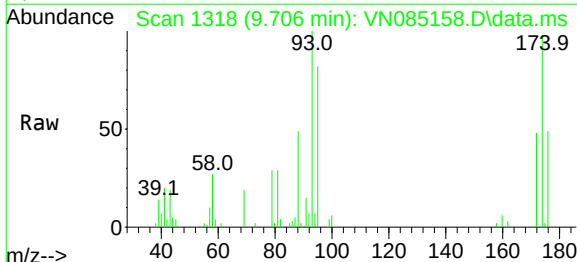
Manual Integrations  
APPROVED

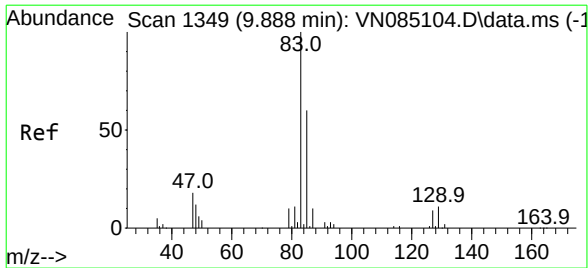
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#46  
Dibromomethane  
Concen: 18.963 ug/l  
RT: 9.706 min Scan# 1318  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

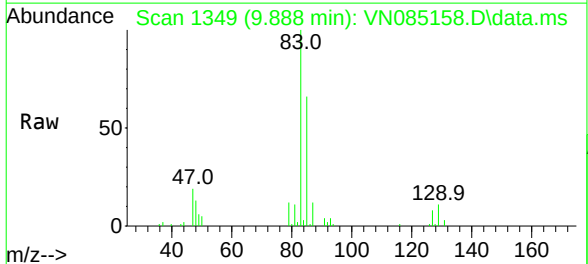
Tgt Ion: 93 Resp: 22668  
Ion Ratio Lower Upper  
93 100  
95 87.5 66.2 99.4  
174 96.4 74.9 112.3





#47  
 Bromodichloromethane  
 Concen: 19.129 ug/l  
 RT: 9.888 min Scan# 1349  
 Delta R.T. 0.006 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

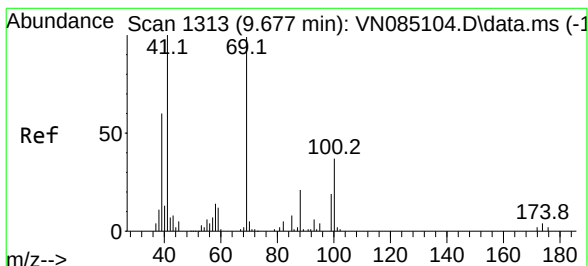
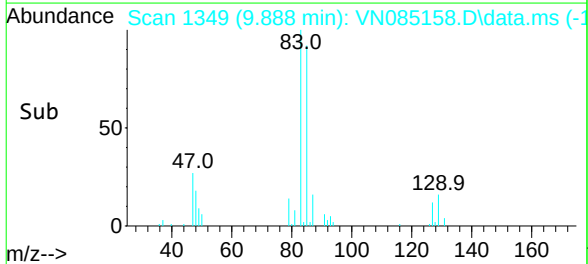
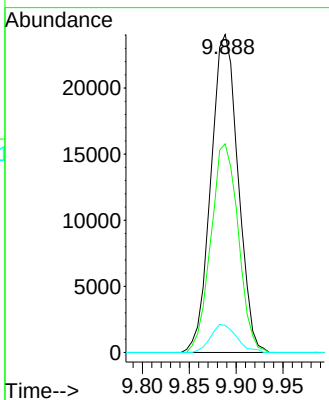
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1210WBS01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 48463 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.6  | 50.5  | 75.7  |
| 127      | 8.5   | 7.1   | 10.7  |

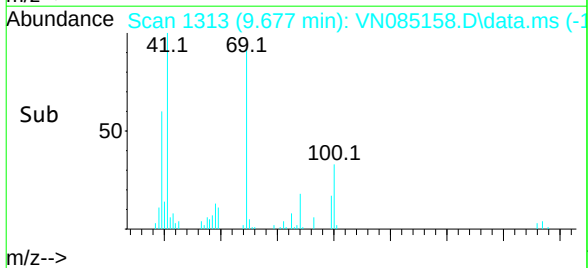
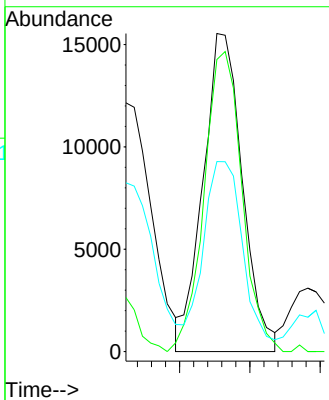
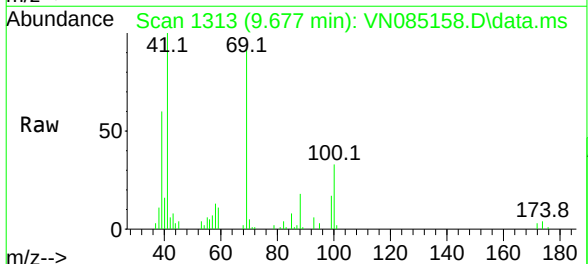
Manual Integrations  
 APPROVED

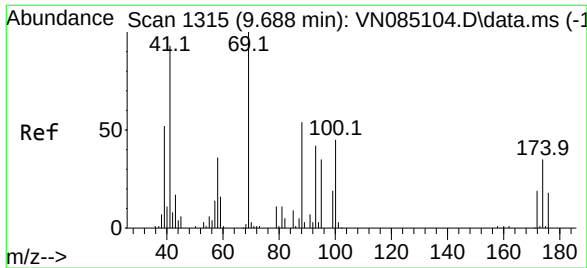
Reviewed By :John Carlone 12/11/2024  
 Supervised By :Mahesh Dadoda 12/11/2024



#48  
 Methyl methacrylate  
 Concen: 19.456 ug/l  
 RT: 9.677 min Scan# 1313  
 Delta R.T. -0.000 min  
 Lab File: VN085158.D  
 Acq: 10 Dec 2024 11:42

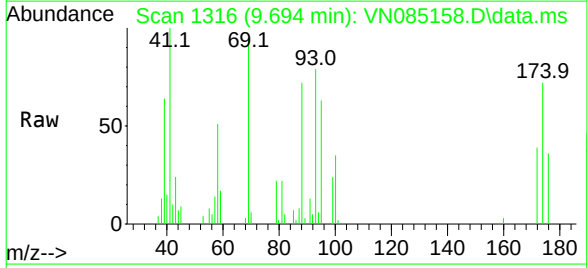
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 30191 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 90.8  | 73.2  | 109.8 |
| 39       | 60.3  | 46.2  | 69.4  |





#49  
1,4-Dioxane  
Concen: 515.929 ug/l  
RT: 9.694 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

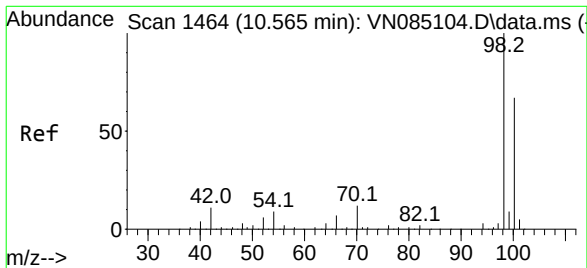
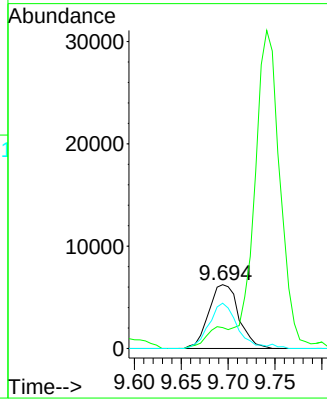
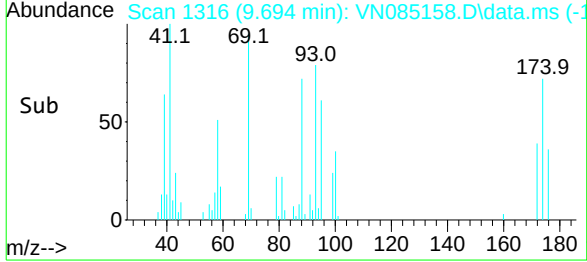
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



Tgt Ion: 88 Resp: 13884  
Ion Ratio Lower Upper  
88 100  
43 25.5 16.7 25.1#  
58 68.1 56.5 84.7

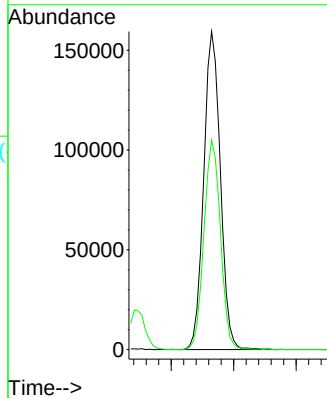
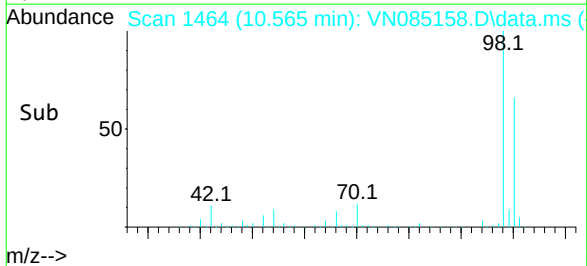
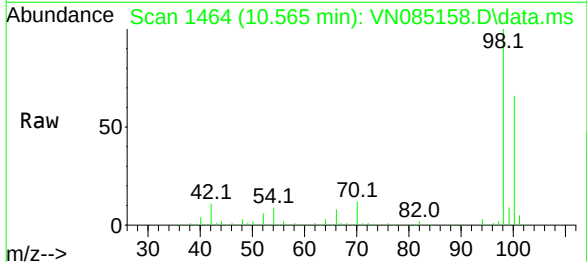
Manual Integrations  
APPROVED

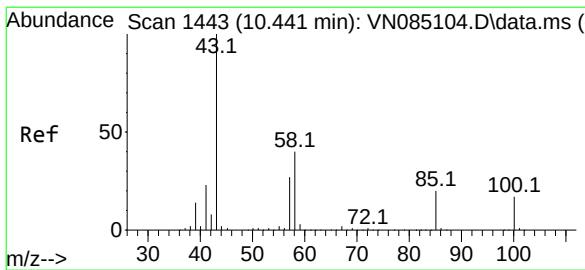
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#50  
Toluene-d8  
Concen: 50.453 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion: 98 Resp: 294788  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.5 78.7





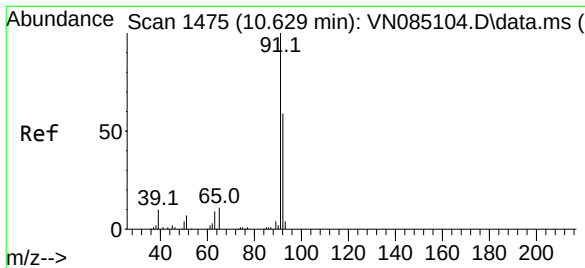
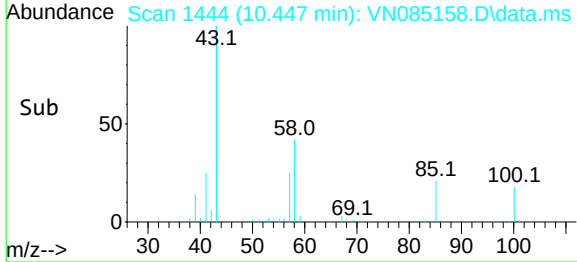
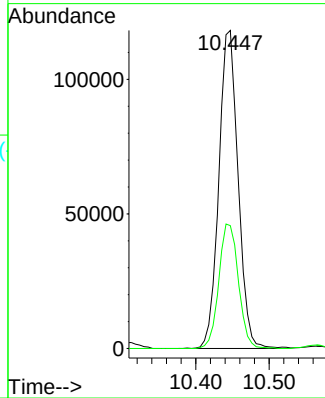
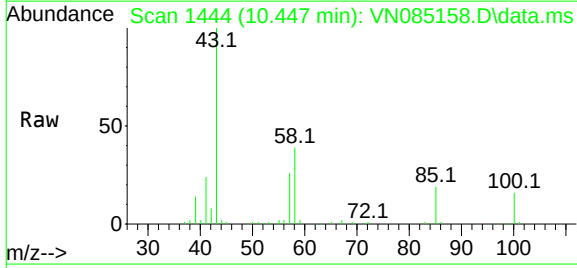
#51  
4-Methyl-2-Pentanone  
Concen: 112.948 ug/l  
RT: 10.447 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Tgt Ion: 43 Resp: 215132  
Ion Ratio Lower Upper  
43 100  
58 39.9 32.1 48.1

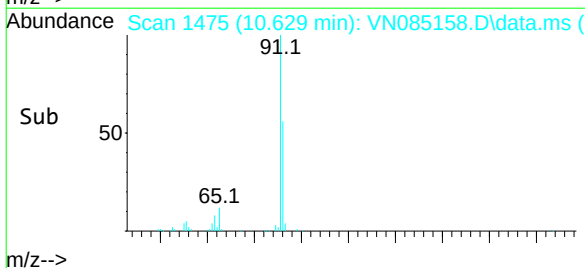
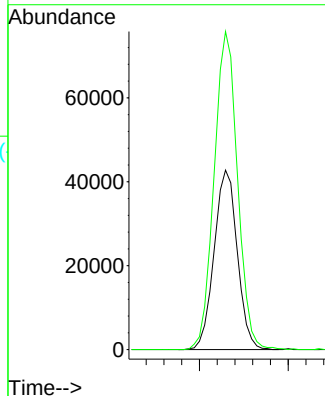
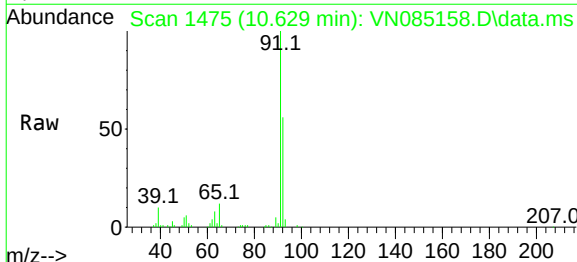
Manual Integrations  
APPROVED

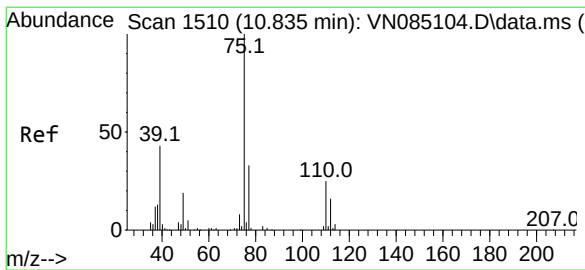
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#52  
Toluene  
Concen: 18.725 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

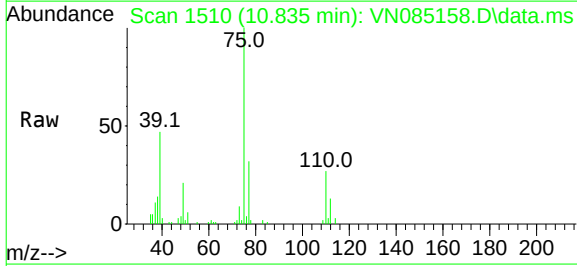
Tgt Ion: 92 Resp: 77423  
Ion Ratio Lower Upper  
92 100  
91 179.3 136.7 205.1





#53  
t-1,3-Dichloropropene  
Concen: 18.122 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

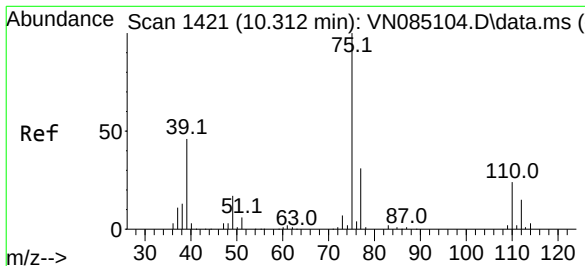
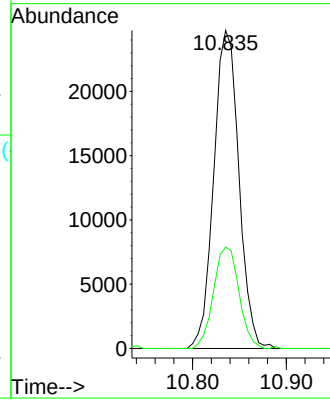
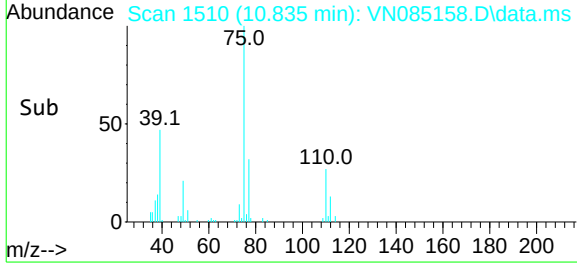
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



Tgt Ion: 75 Resp: 46029  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.0 37.4

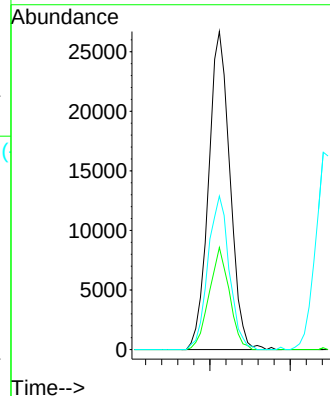
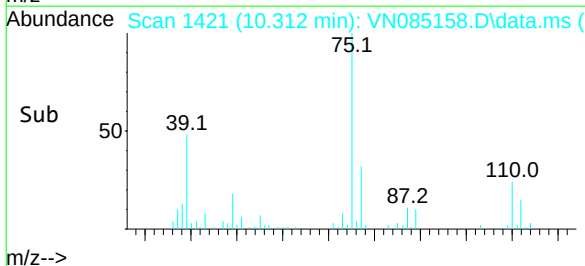
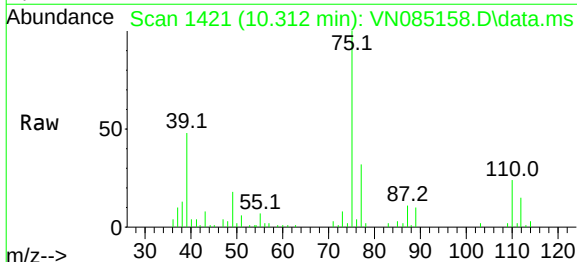
Manual Integrations  
APPROVED

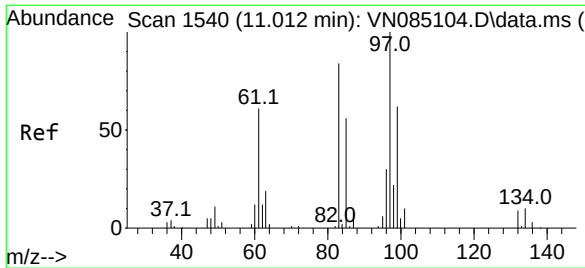
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#54  
cis-1,3-Dichloropropene  
Concen: 18.351 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

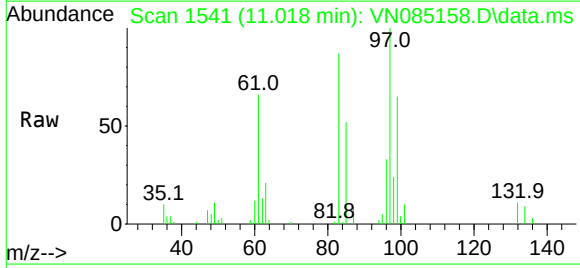
Tgt Ion: 75 Resp: 49448  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.0 37.4  
39 48.3 37.6 56.4





#55  
1,1,2-Trichloroethane  
Concen: 20.039 ug/l  
RT: 11.018 min Scan# 1540  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

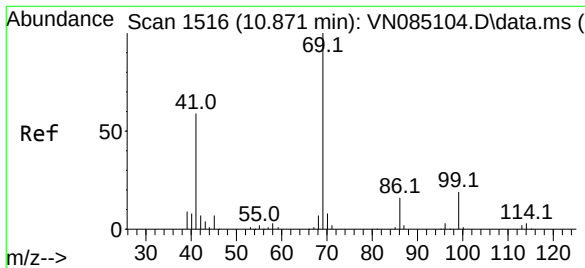
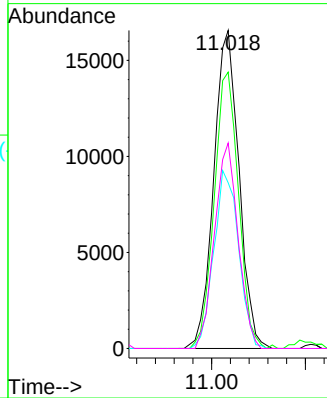
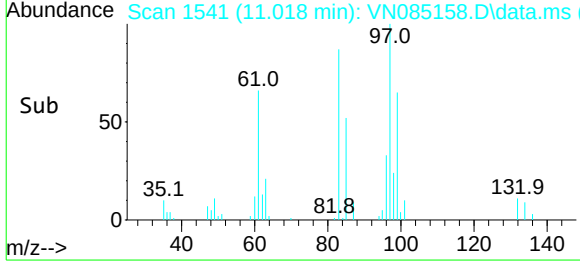
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



| Tgt Ion: | 97    | Resp: | 30862 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.9  | 67.4  | 101.2 |
| 85       | 52.1  | 43.1  | 64.7  |
| 99       | 64.6  | 50.9  | 76.3  |

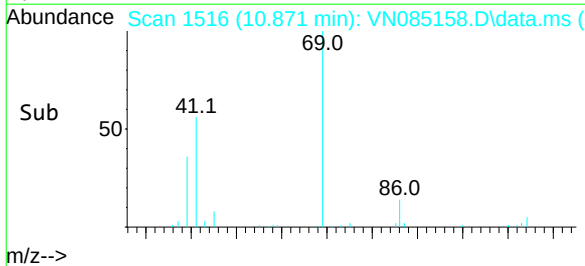
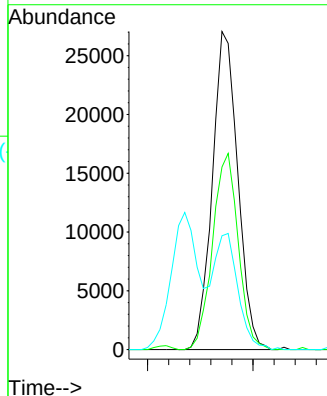
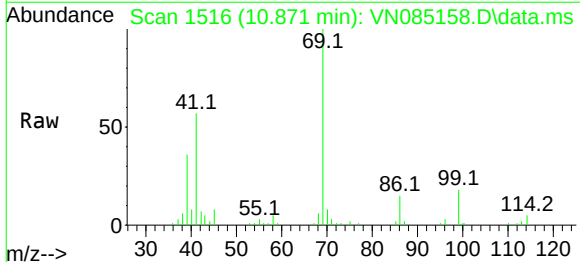
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024

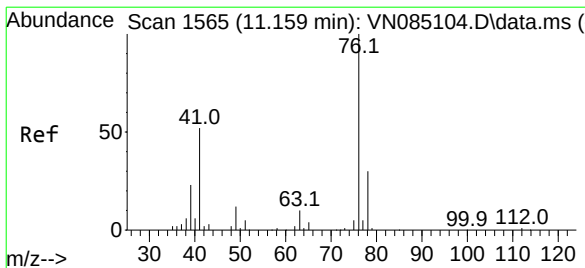


#56  
Ethyl methacrylate  
Concen: 20.163 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

| Tgt Ion: | 69    | Resp: | 45377 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.1  | 50.0  | 75.0  |
| 39       | 36.7  | 27.0  | 40.6  |

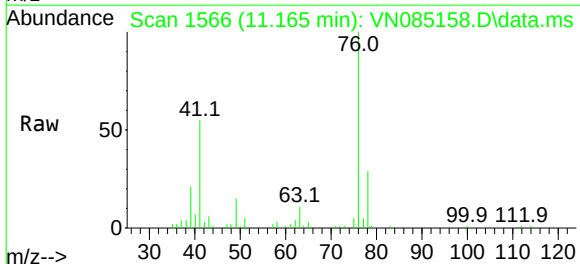






#57  
1,3-Dichloropropane  
Concen: 18.778 ug/l  
RT: 11.165 min Scan# 1565  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

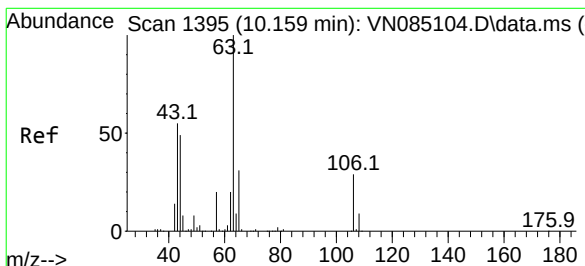
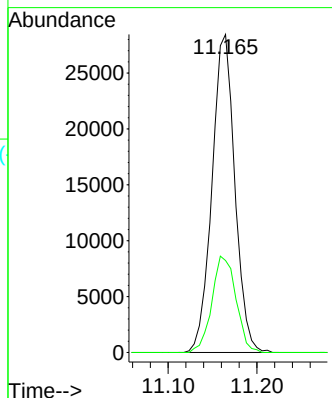
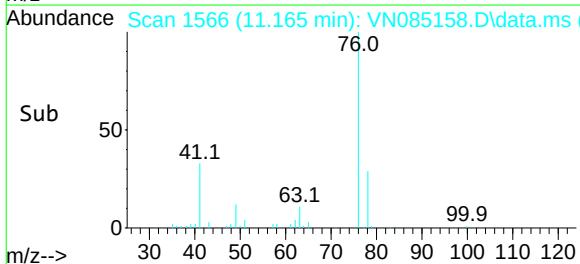
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



Tgt Ion: 76 Resp: 50898  
Ion Ratio Lower Upper  
76 100  
78 31.8 26.1 39.1

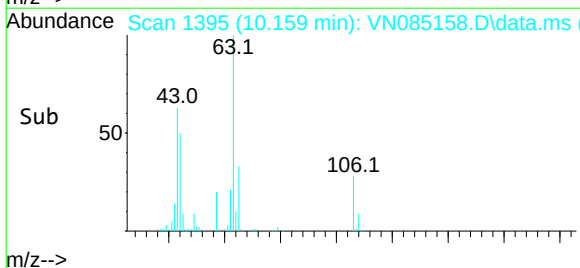
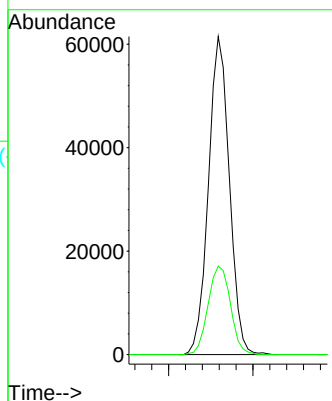
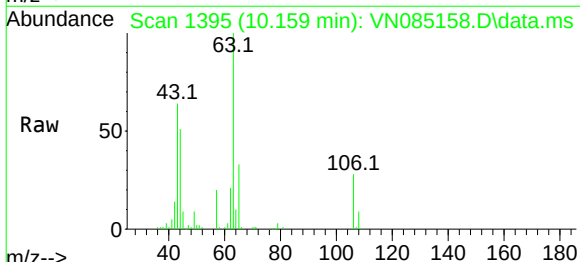
Manual Integrations  
APPROVED

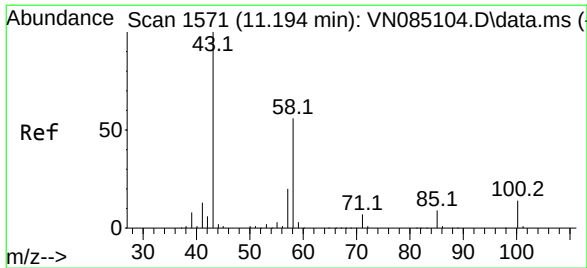
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#58  
2-Chloroethyl Vinyl ether  
Concen: 95.926 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion: 63 Resp: 105895  
Ion Ratio Lower Upper  
63 100  
106 29.7 23.0 34.6





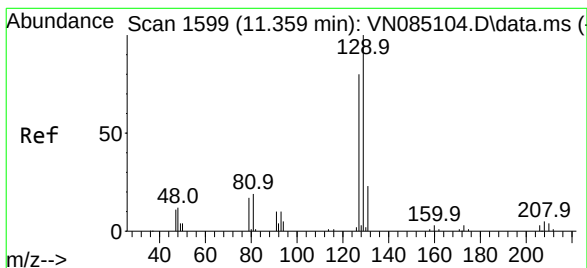
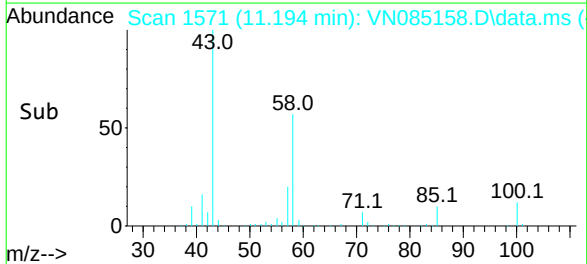
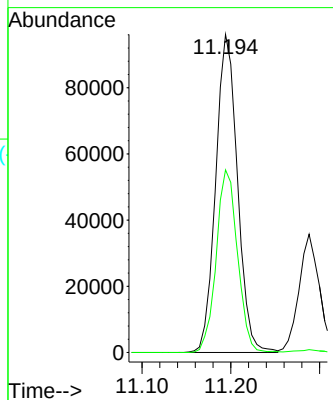
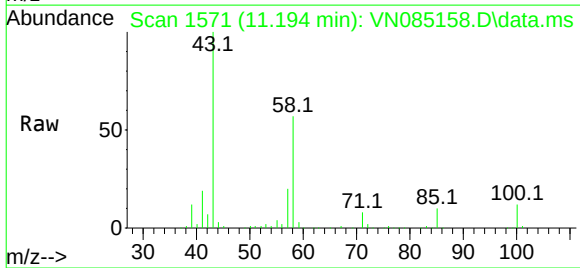
#59  
2-Hexanone  
Concen: 114.976 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Tgt Ion: 43 Resp: 163787  
Ion Ratio Lower Upper  
43 100  
58 56.1 28.3 85.0

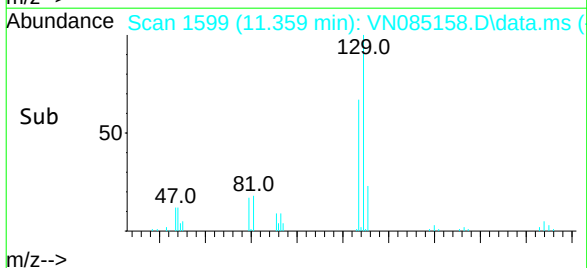
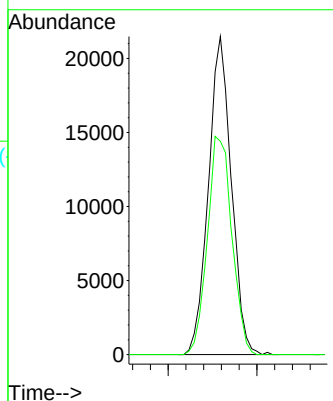
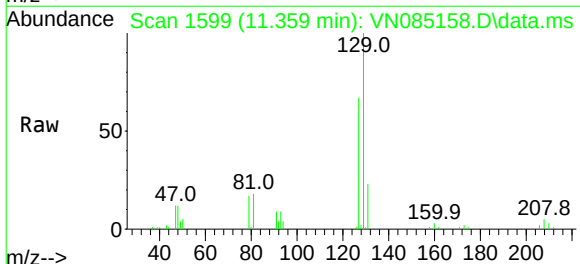
Manual Integrations  
APPROVED

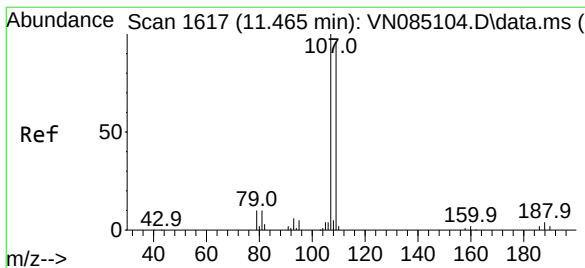
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#60  
Dibromochloromethane  
Concen: 20.453 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion:129 Resp: 38498  
Ion Ratio Lower Upper  
129 100  
127 73.2 39.2 117.6





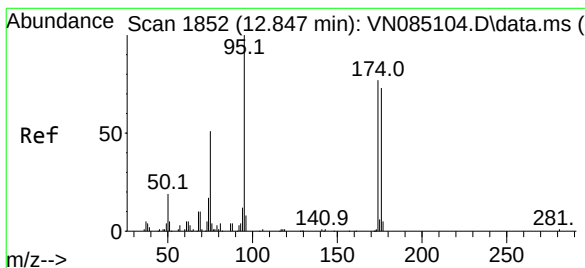
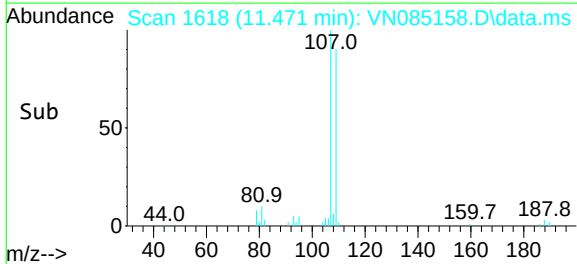
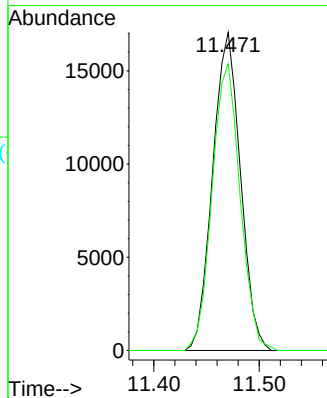
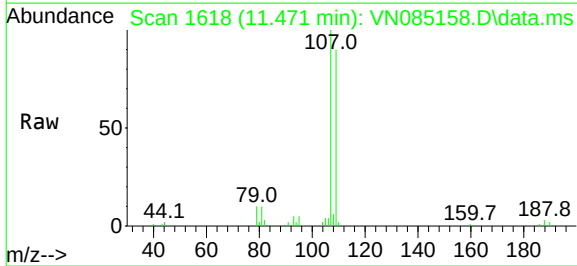
#61  
1,2-Dibromoethane  
Concen: 19.617 ug/l  
RT: 11.471 min Scan# 1617  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Tgt Ion: 107 Resp: 31268  
Ion Ratio Lower Upper  
107 100  
109 90.8 76.1 114.1

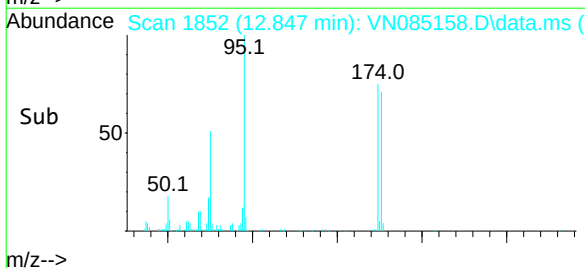
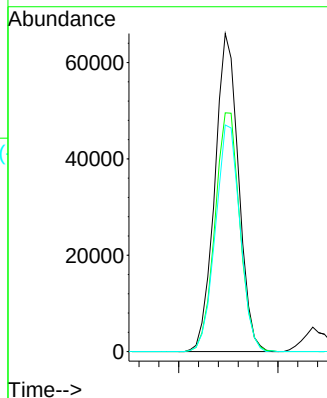
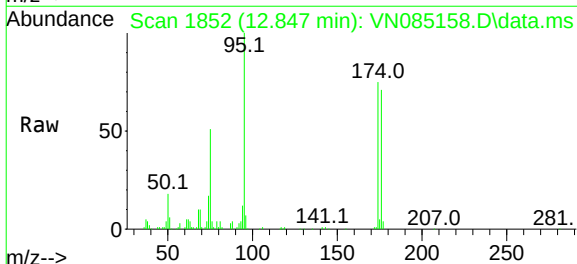
Manual Integrations  
APPROVED

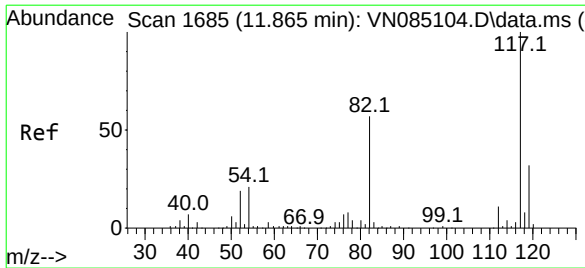
Reviewed By : John Carlone 12/11/2024  
Supervised By : Mahesh Dadoda 12/11/2024



#62  
4-Bromofluorobenzene  
Concen: 50.254 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion: 95 Resp: 109806  
Ion Ratio Lower Upper  
95 100  
174 78.3 0.0 146.6  
176 73.6 0.0 141.8





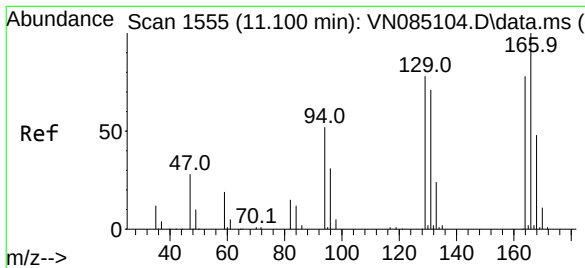
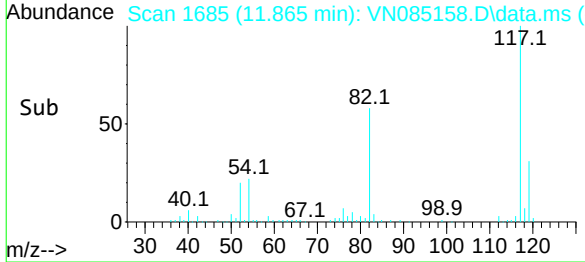
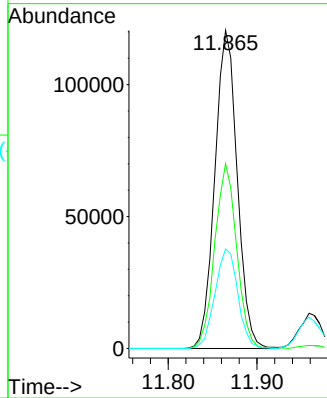
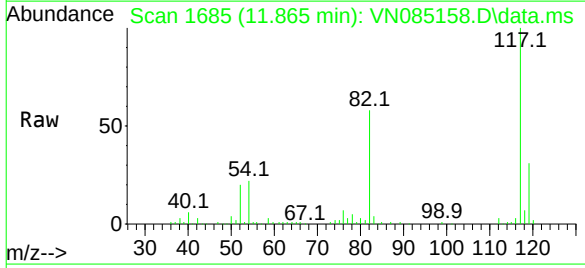
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Tgt Ion:117 Resp: 211196  
Ion Ratio Lower Upper  
117 100  
82 58.1 46.0 69.0  
119 31.3 25.6 38.4

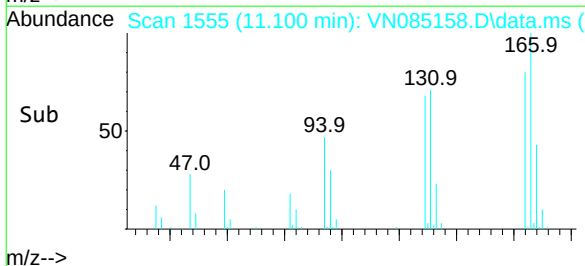
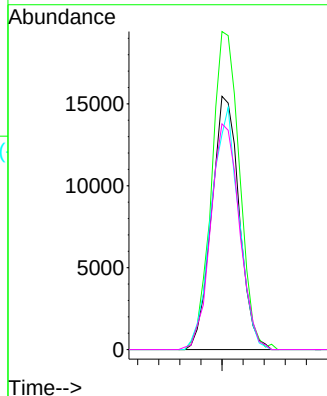
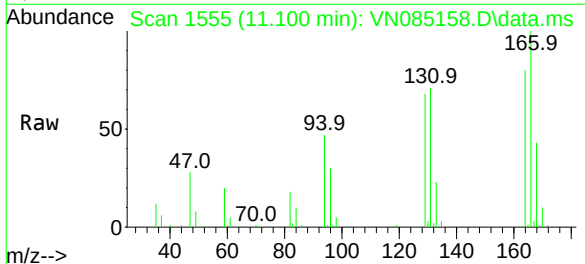
Manual Integrations  
APPROVED

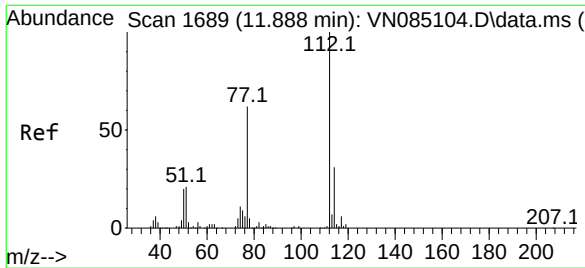
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#64  
Tetrachloroethene  
Concen: 19.743 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion:164 Resp: 28096  
Ion Ratio Lower Upper  
164 100  
166 125.6 100.6 151.0  
129 84.9 77.7 116.5  
131 89.1 77.2 115.8





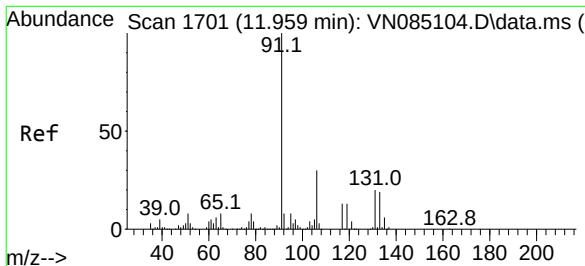
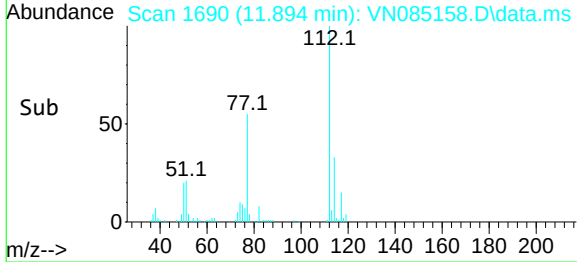
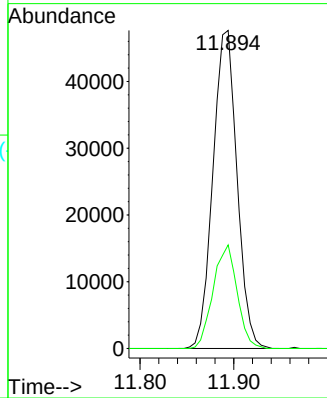
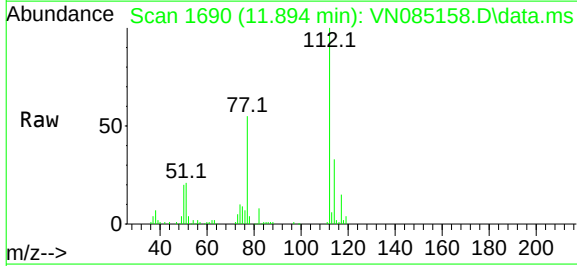
#65  
Chlorobenzene  
Concen: 17.765 ug/l  
RT: 11.894 min Scan# 1689  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Tgt Ion:112 Resp: 85088  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.8 38.6

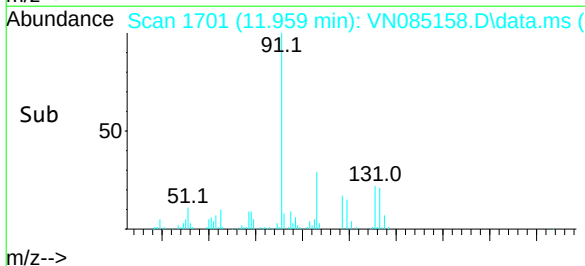
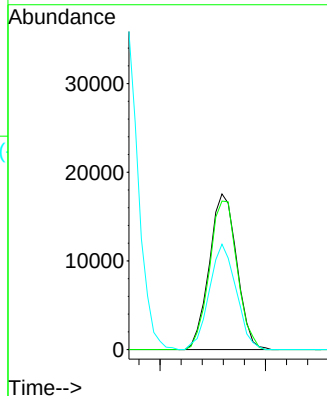
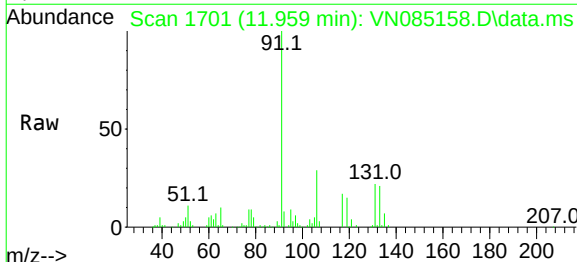
Manual Integrations  
APPROVED

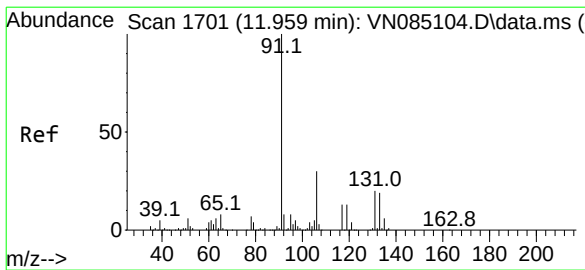
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.904 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion:131 Resp: 31880  
Ion Ratio Lower Upper  
131 100  
133 96.2 47.8 143.4  
119 66.1 32.1 96.3





#67

Ethyl Benzene

Concen: 18.433 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN085158.D

Acq: 10 Dec 2024 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN1210WBS01

Tgt Ion: 91 Resp: 143235

Ion Ratio Lower Upper

91 100

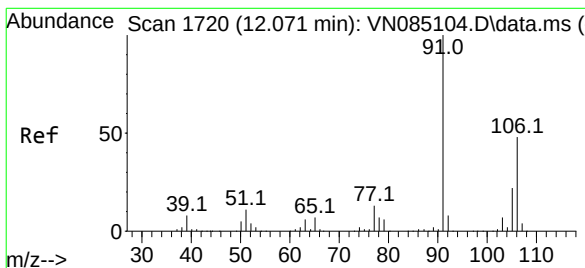
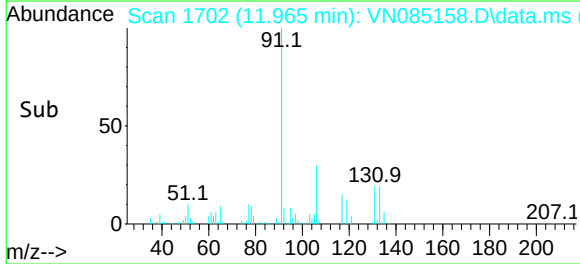
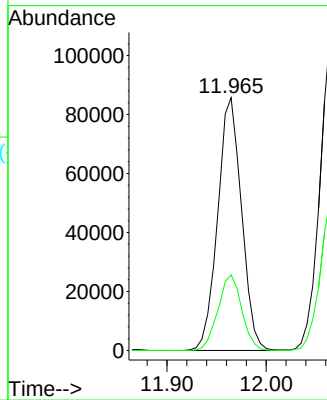
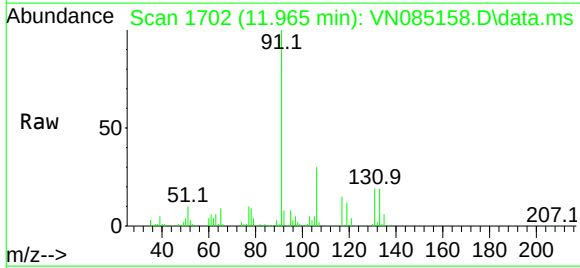
106 29.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#68

m/p-Xylenes

Concen: 37.796 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085158.D

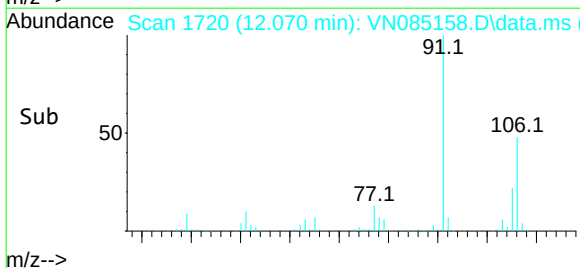
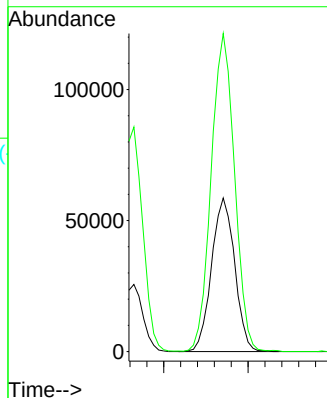
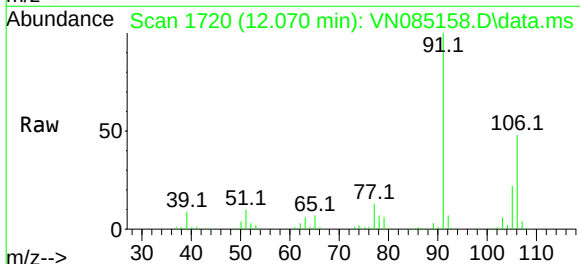
Acq: 10 Dec 2024 11:42

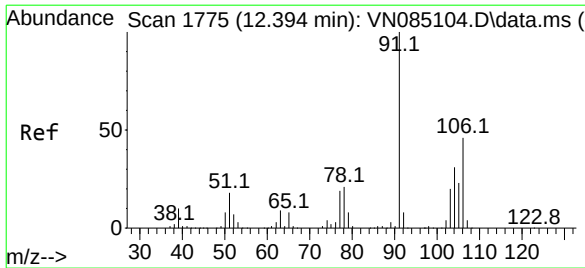
Tgt Ion:106 Resp: 111818

Ion Ratio Lower Upper

106 100

91 209.1 168.0 252.0





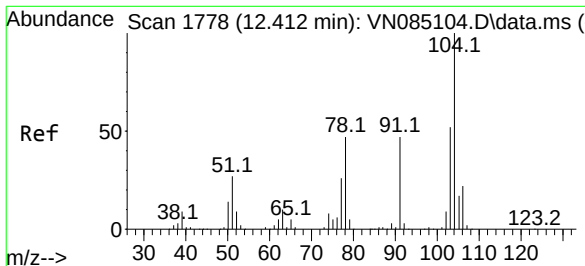
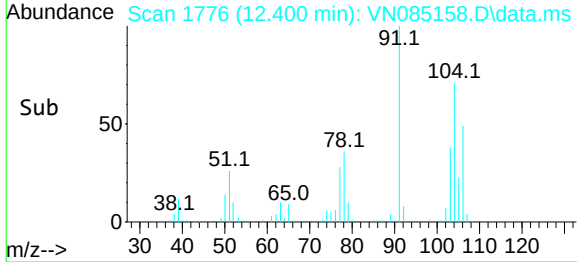
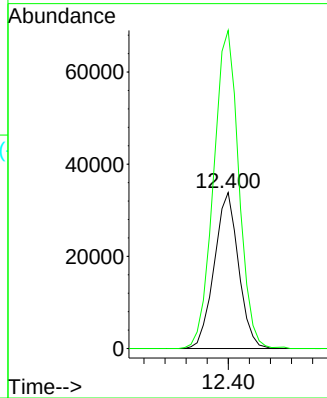
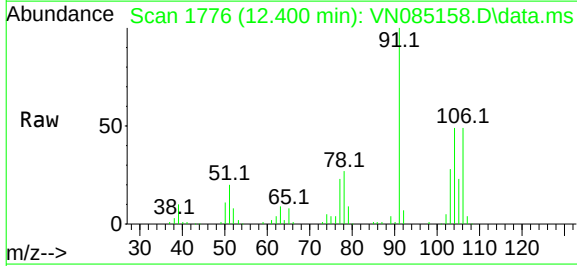
#69  
o-Xylene  
Concen: 19.203 ug/l  
RT: 12.400 min Scan# 1775  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Tgt Ion:106 Resp: 54040  
Ion Ratio Lower Upper  
106 100  
91 212.7 110.7 331.9

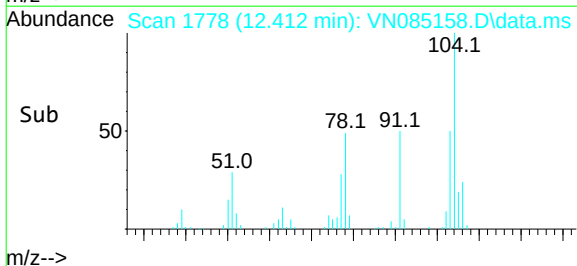
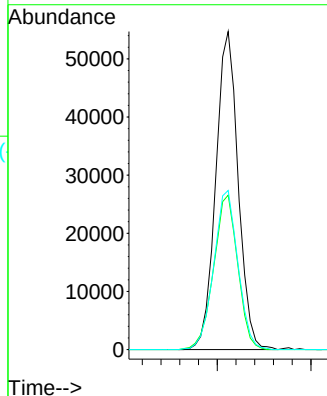
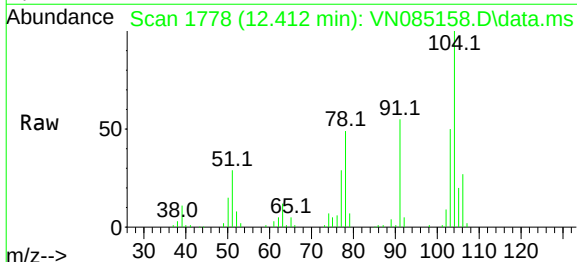
Manual Integrations  
APPROVED

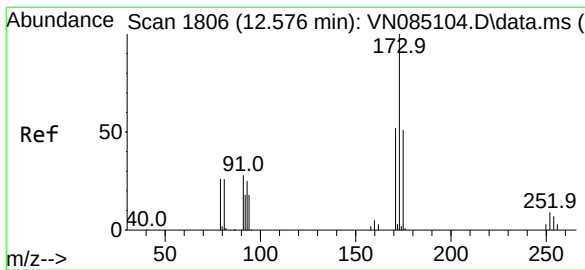
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#70  
Styrene  
Concen: 19.401 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion:104 Resp: 90794  
Ion Ratio Lower Upper  
104 100  
78 52.1 42.3 63.5  
103 53.9 44.2 66.2





#71

Bromoform

Concen: 20.413 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085158.D

Acq: 10 Dec 2024 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN1210WBS01

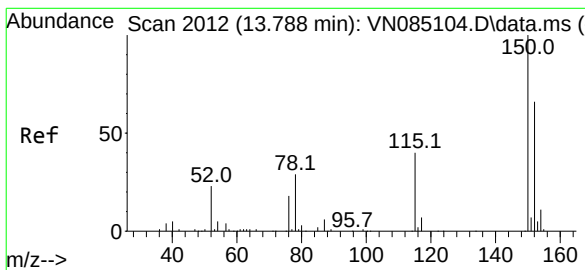
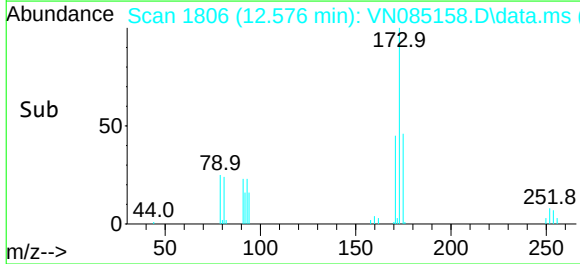
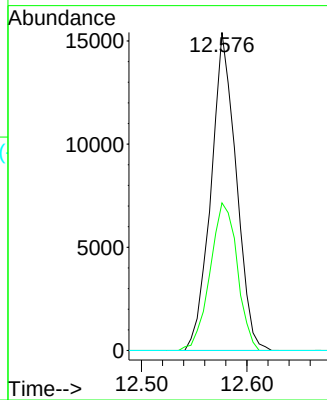
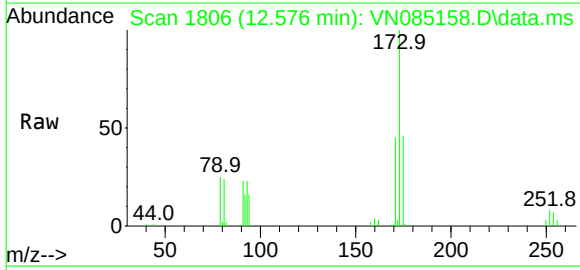
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 25552 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 50.2  | 23.8  | 71.2  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

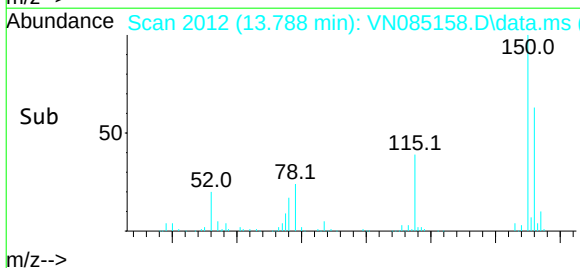
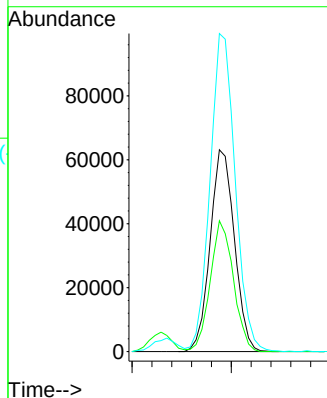
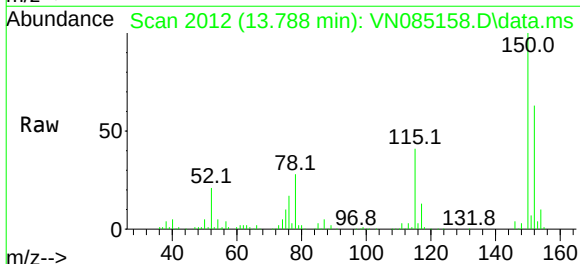
RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

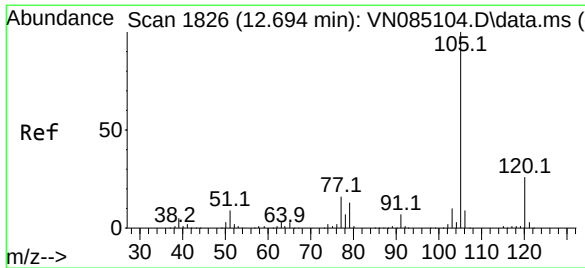
Lab File: VN085158.D

Acq: 10 Dec 2024 11:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 107293 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 61.8  | 31.7  | 95.1   |
| 150       | 163.3 | 0.0   | 351.4  |







#73

Isopropylbenzene

Concen: 17.606 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085158.D

Acq: 10 Dec 2024 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN1210WBS01

Tgt Ion: 105 Resp: 133262

Ion Ratio Lower Upper

105 100

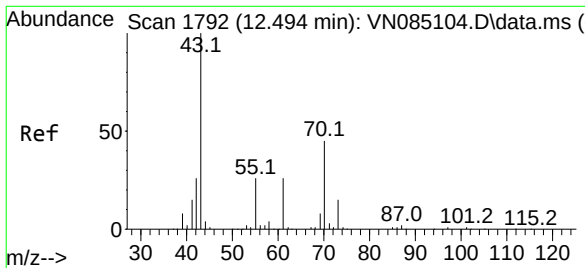
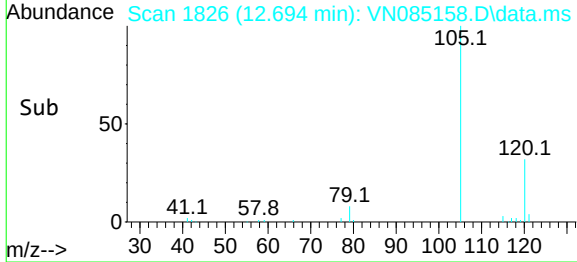
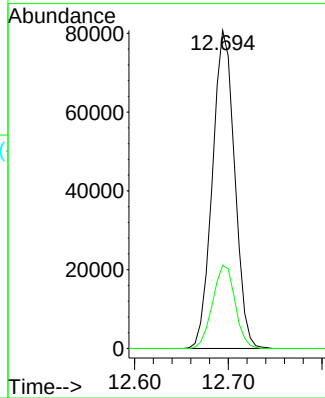
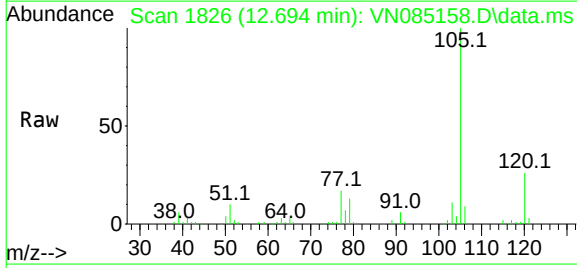
120 26.4 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#74

N-ethyl acetate

Concen: 18.798 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085158.D

Acq: 10 Dec 2024 11:42

Tgt Ion: 43 Resp: 58631

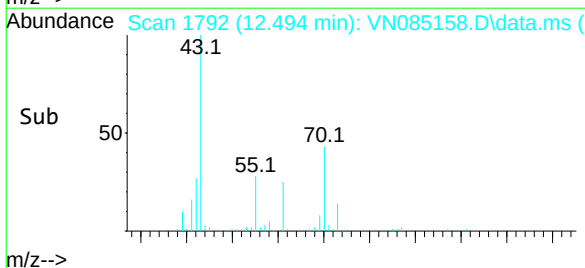
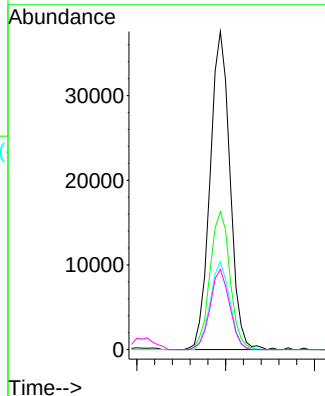
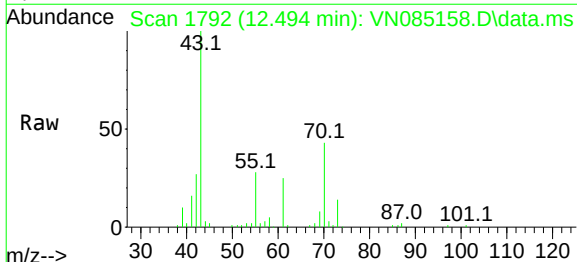
Ion Ratio Lower Upper

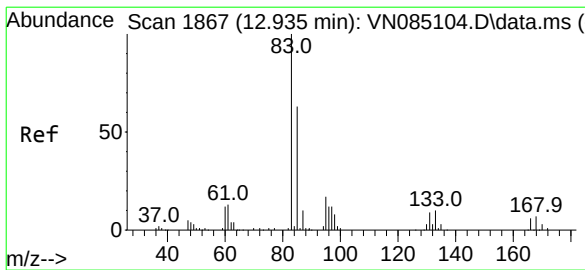
43 100

70 43.5 34.6 51.8

55 27.1 20.5 30.7

61 24.7 19.6 29.4





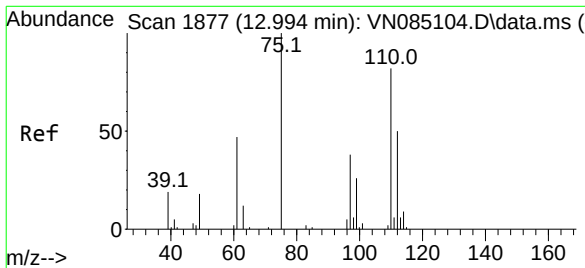
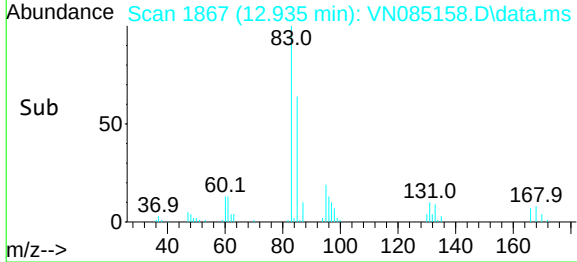
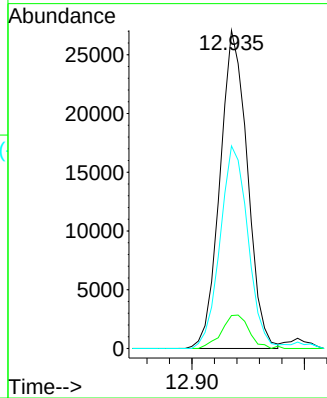
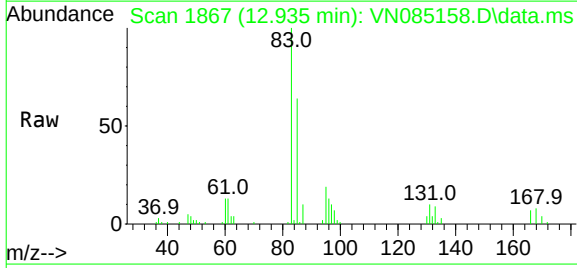
#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.721 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 45804 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.6  | 5.1   | 15.4  |
| 85       | 64.6  | 32.1  | 96.3  |

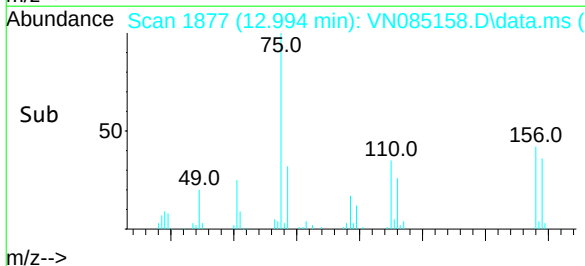
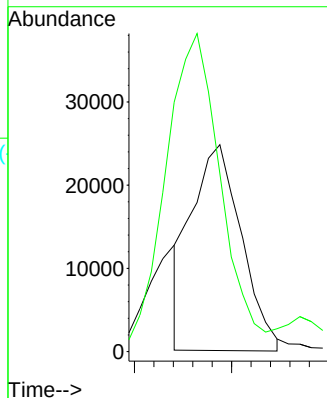
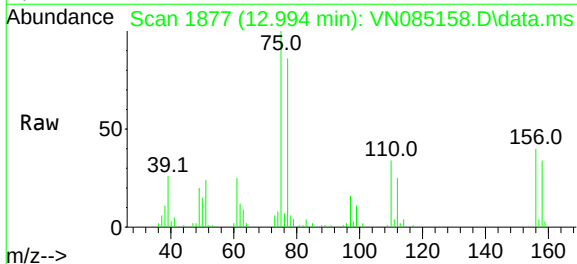
Manual Integrations  
APPROVED

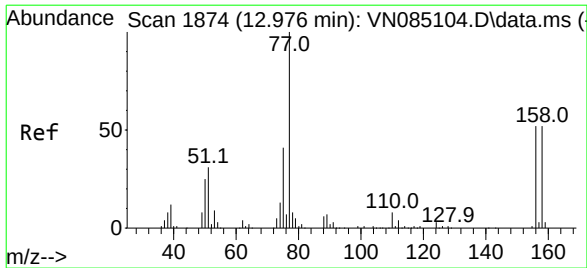
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#76  
1,2,3-Trichloropropane  
Concen: 22.590 ug/l m  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

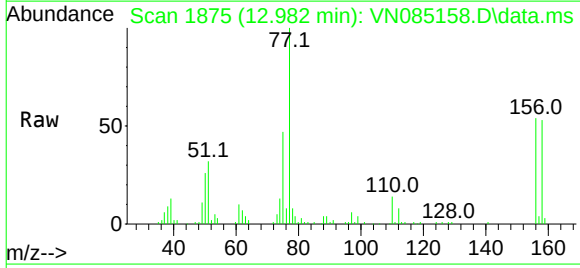
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 44087 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 171.8 | 109.1 | 327.4 |





#77  
Bromobenzene  
Concen: 17.521 ug/l  
RT: 12.982 min Scan# 1874  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

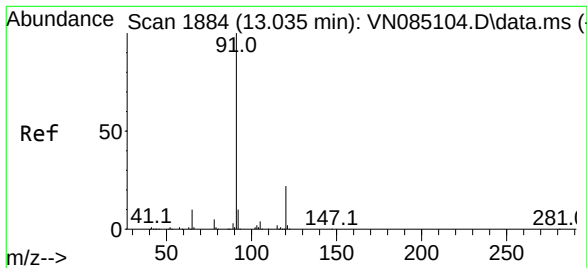
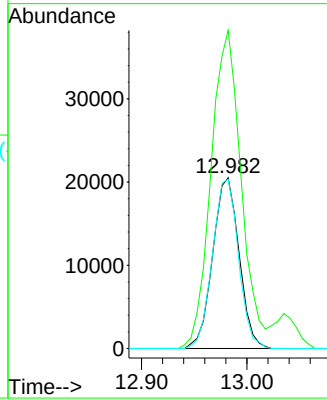
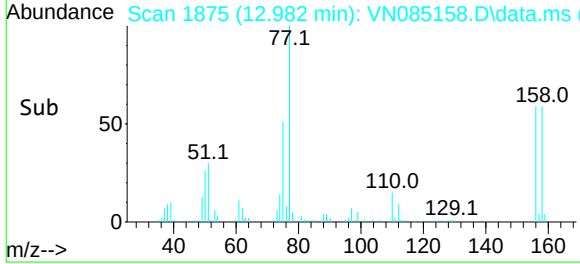
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



Tgt Ion: 156 Resp: 35688  
Ion Ratio Lower Upper  
156 100  
77 212.3 107.2 321.6  
158 97.7 48.5 145.6

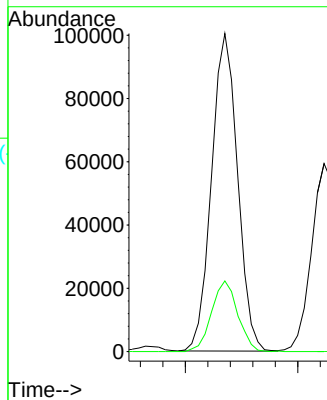
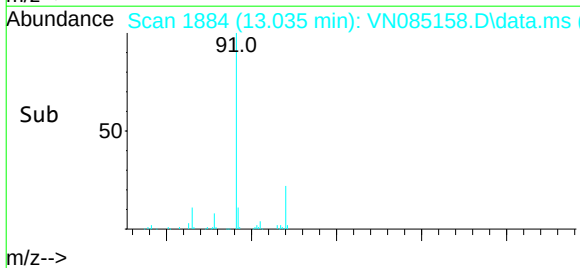
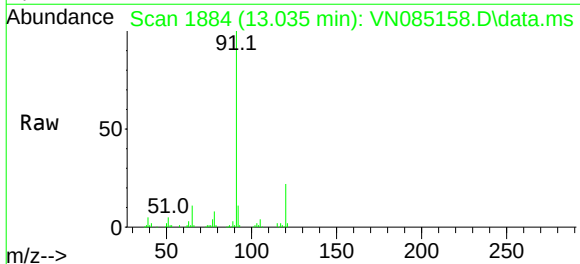
Manual Integrations  
APPROVED

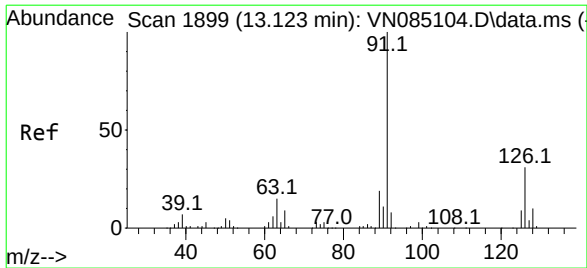
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#78  
n-propylbenzene  
Concen: 18.493 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion: 91 Resp: 161451  
Ion Ratio Lower Upper  
91 100  
120 22.3 11.3 33.9





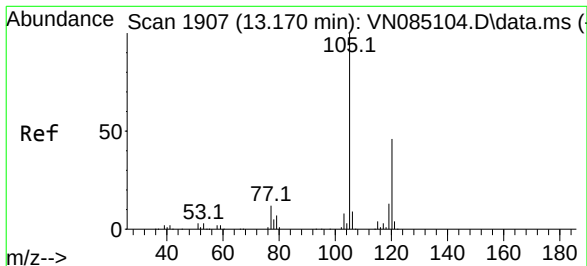
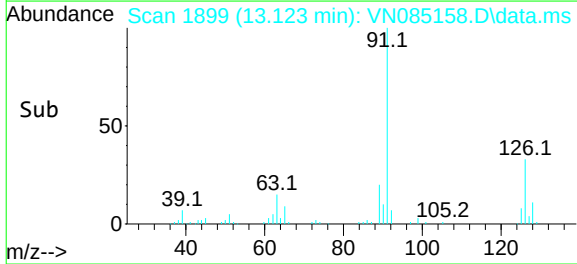
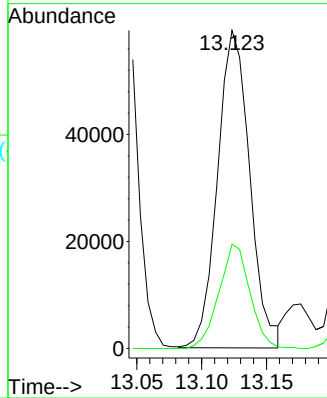
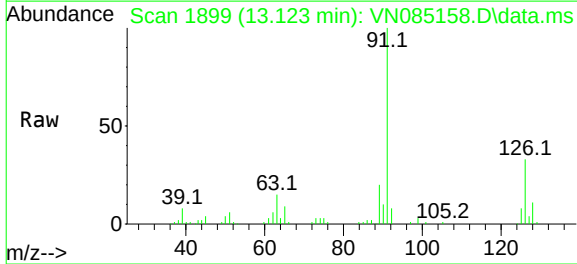
#79  
2-Chlorotoluene  
Concen: 17.594 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Tgt Ion: 91 Resp: 102538  
Ion Ratio Lower Upper  
91 100  
126 31.6 16.1 48.3

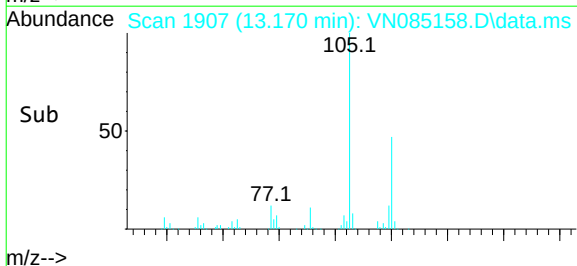
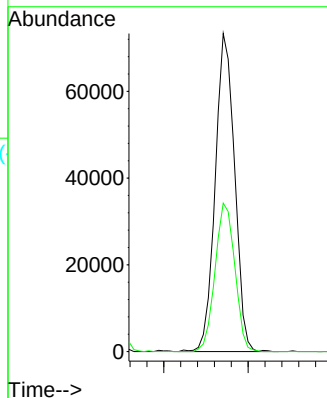
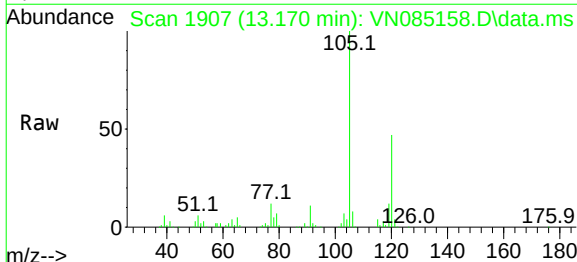
Manual Integrations  
APPROVED

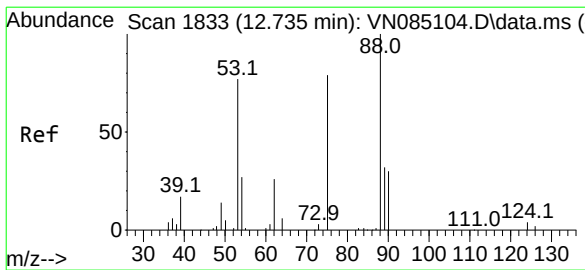
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#80  
1,3,5-Trimethylbenzene  
Concen: 18.447 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

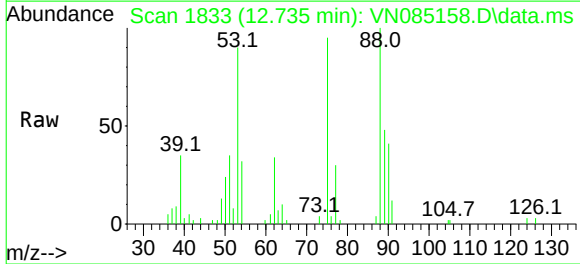
Tgt Ion:105 Resp: 117167  
Ion Ratio Lower Upper  
105 100  
120 47.5 23.6 71.0





#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.684 ug/l m  
RT: 12.735 min Scan# 18  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

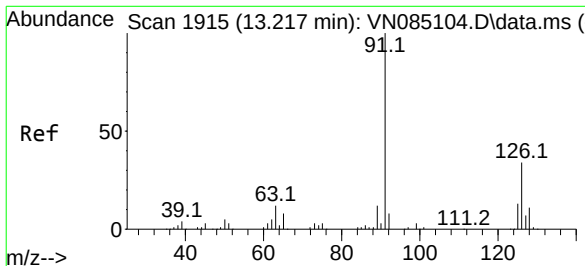
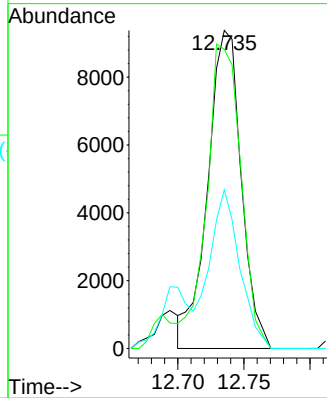
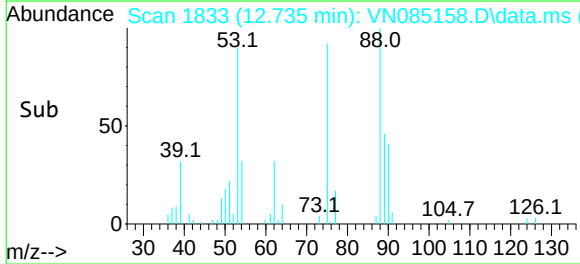
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01



Tgt Ion: 75 Resp: 16517  
Ion Ratio Lower Upper  
75 100  
53 97.6 78.2 117.4  
89 44.8 37.9 56.9

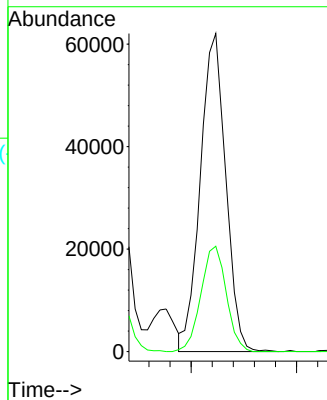
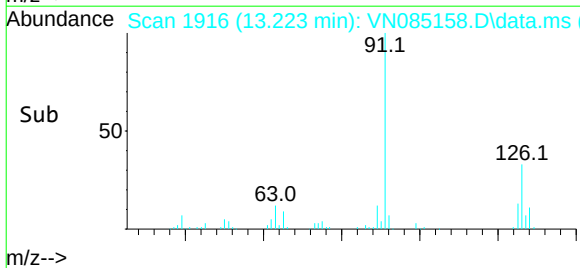
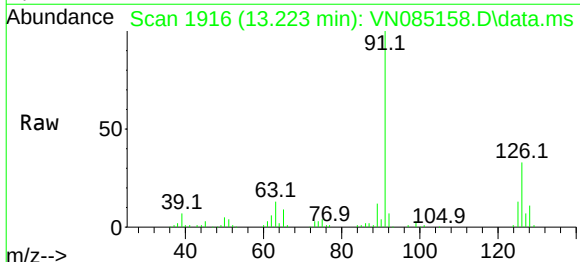
Manual Integrations  
APPROVED

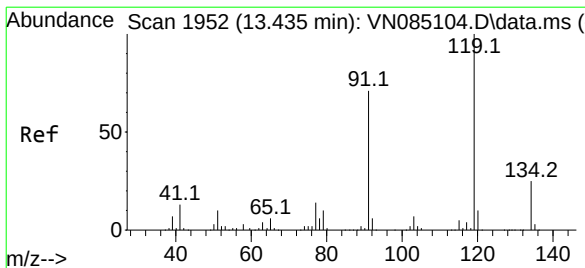
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#82  
4-Chlorotoluene  
Concen: 17.112 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion: 91 Resp: 103817  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.1 48.3





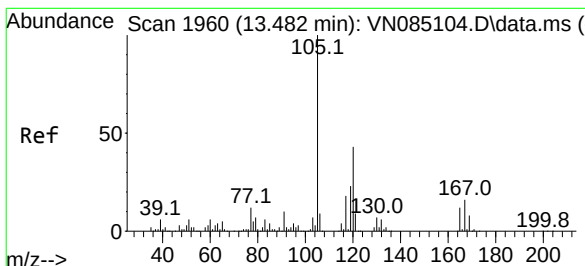
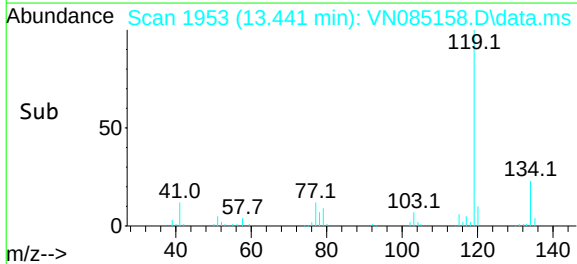
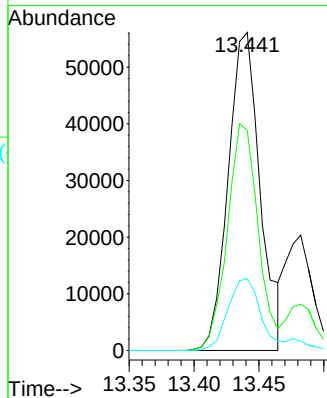
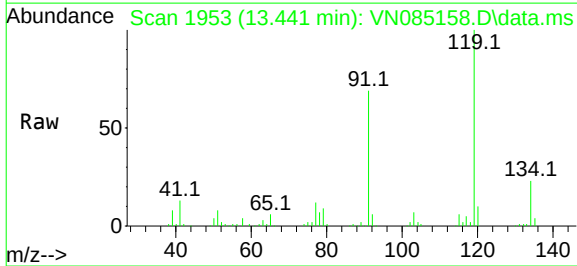
#83  
tert-Butylbenzene  
Concen: 17.626 ug/l  
RT: 13.441 min Scan# 1952  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Tgt Ion:119 Resp: 96322  
Ion Ratio Lower Upper  
119 100  
91 68.7 35.1 105.5  
134 23.3 12.1 36.3

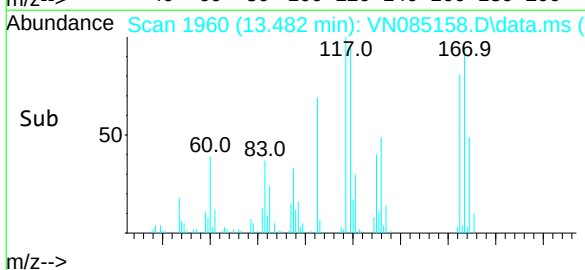
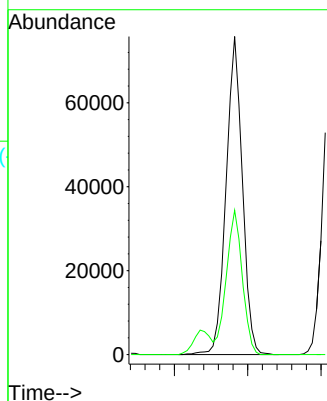
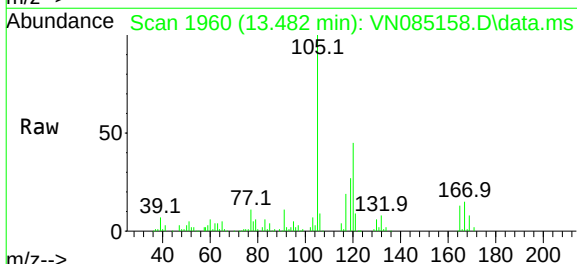
Manual Integrations  
APPROVED

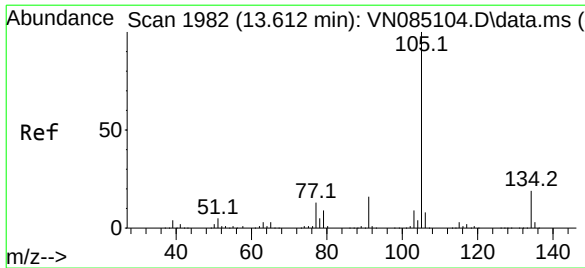
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#84  
1,2,4-Trimethylbenzene  
Concen: 17.878 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion:105 Resp: 116884  
Ion Ratio Lower Upper  
105 100  
120 44.7 21.8 65.4





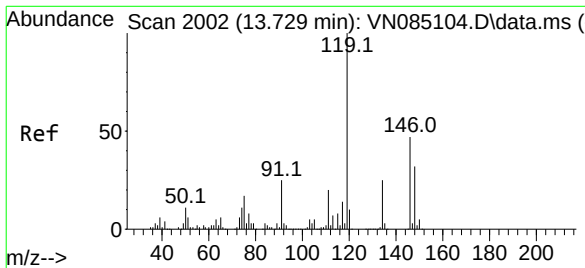
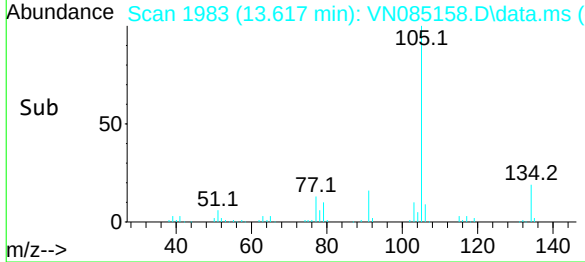
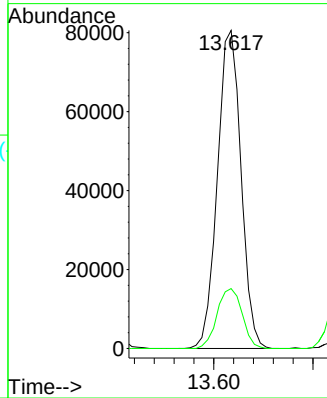
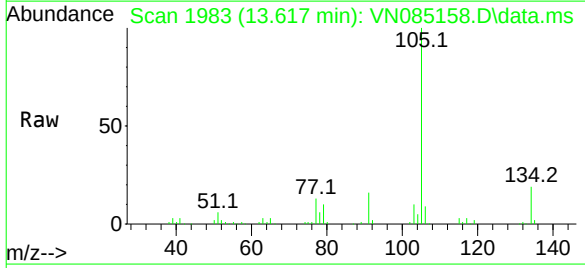
#85  
sec-Butylbenzene  
Concen: 18.025 ug/l  
RT: 13.617 min Scan# 1982  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

Tgt Ion:105 Resp: 133063  
Ion Ratio Lower Upper  
105 100  
134 20.0 9.8 29.3

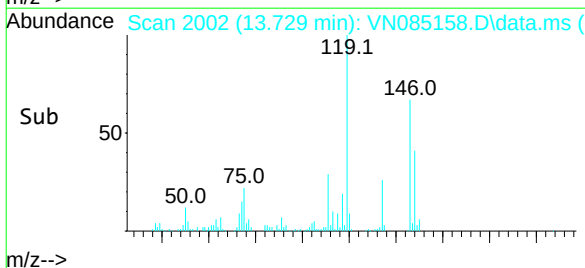
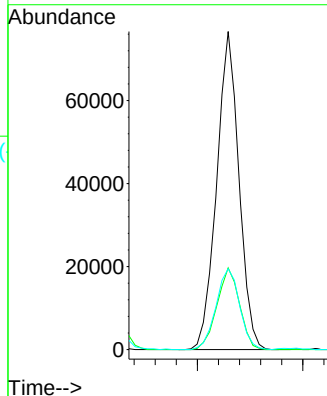
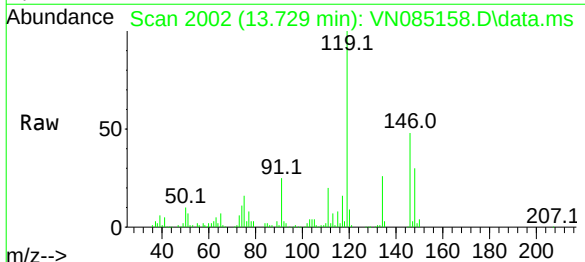
Manual Integrations  
APPROVED

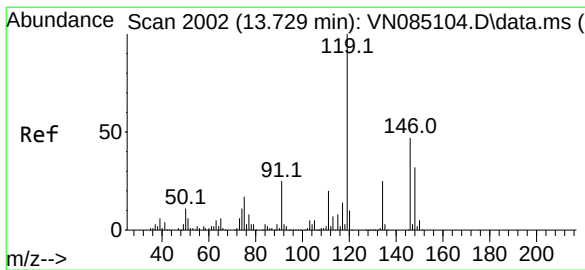
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#86  
p-Isopropyltoluene  
Concen: 18.445 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Tgt Ion:119 Resp: 112404  
Ion Ratio Lower Upper  
119 100  
134 26.0 13.0 39.0  
91 26.9 12.8 38.4





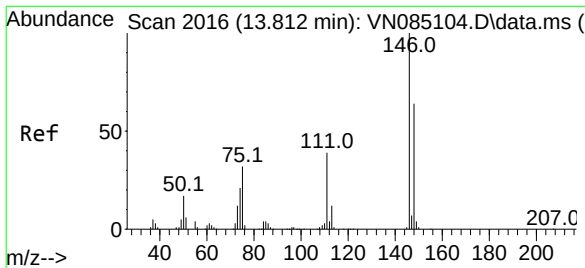
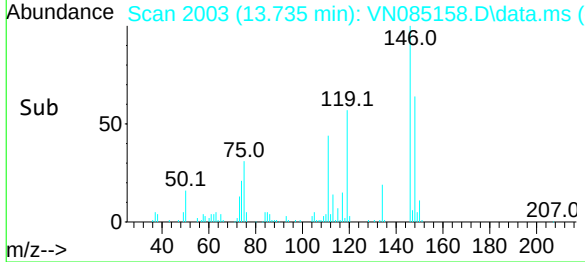
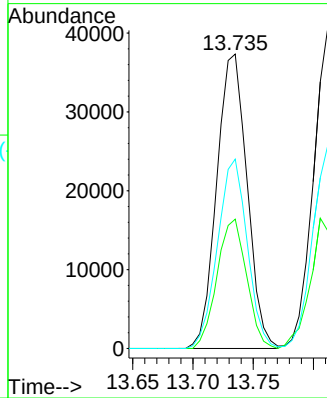
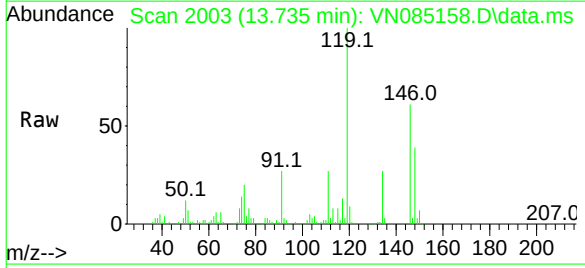
#87  
1,3-Dichlorobenzene  
Concen: 16.291 ug/l  
RT: 13.735 min Scan# 2002  
Delta R.T. 0.006 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

| Tgt Ion   | 146  | Resp | 65453 |
|-----------|------|------|-------|
| Ion Ratio | 100  |      |       |
| 111       | 42.7 | 21.6 | 65.0  |
| 148       | 63.1 | 32.2 | 96.6  |

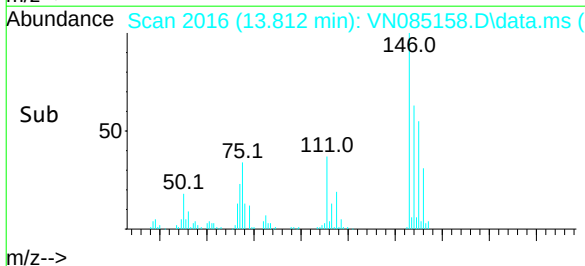
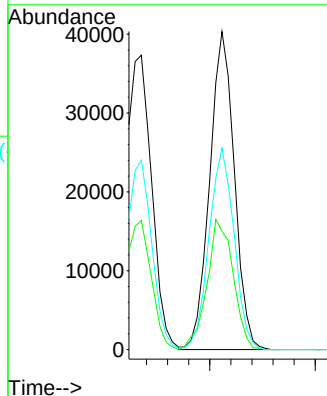
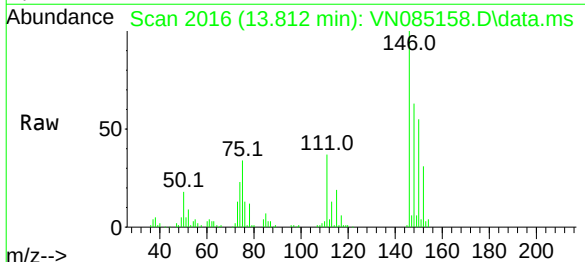
Manual Integrations  
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Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024

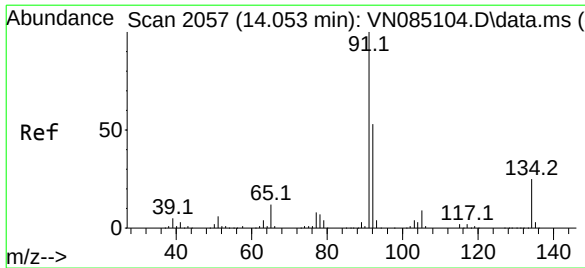


#88  
1,4-Dichlorobenzene  
Concen: 15.986 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

| Tgt Ion                                    | 146  | Resp | 65541 |
|--------------------------------------------|------|------|-------|
| Ion Ratio <td>100</td> <td></td> <td></td> | 100  |      |       |
| 111                                        | 43.3 | 20.9 | 62.8  |
| 148                                        | 64.5 | 31.3 | 93.9  |







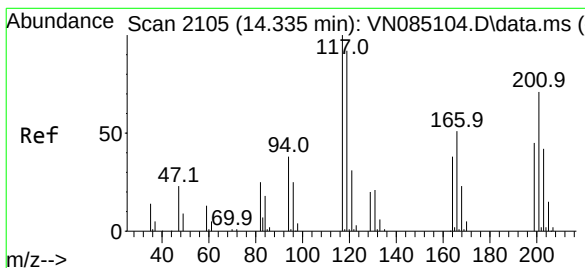
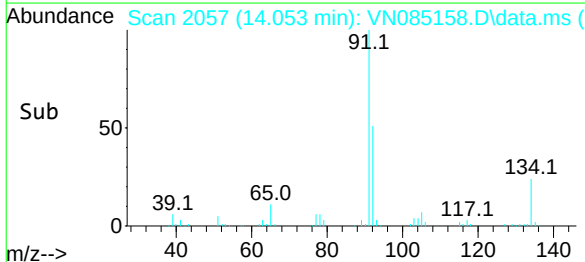
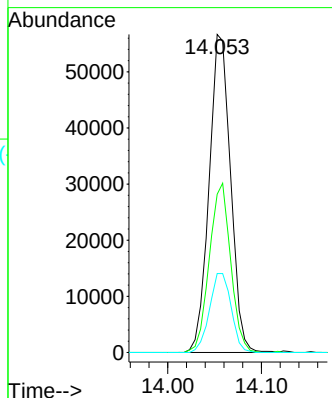
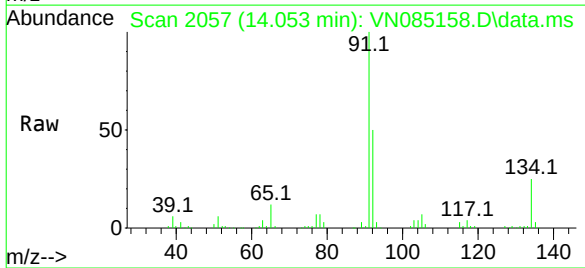
#89  
n-Butylbenzene  
Concen: 15.920 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1210WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 90224 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 52.8  | 26.8  | 80.3  |
| 134      | 25.1  | 12.8  | 38.4  |

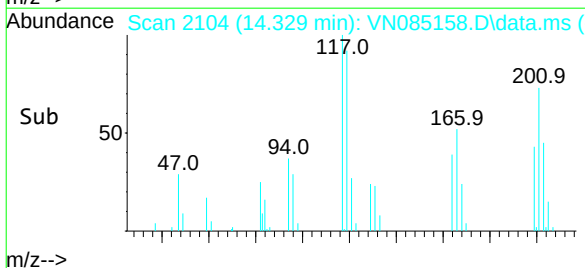
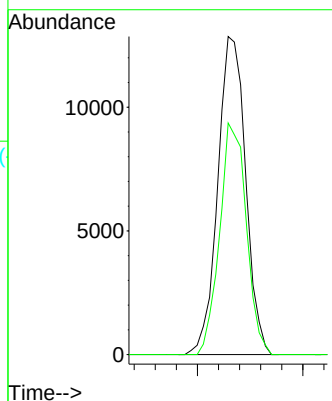
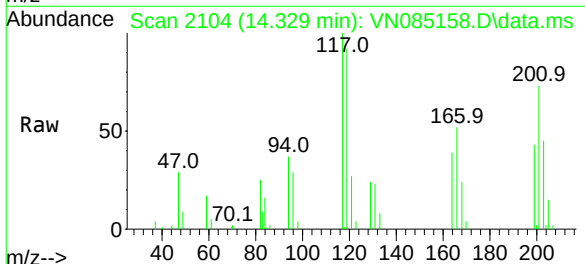
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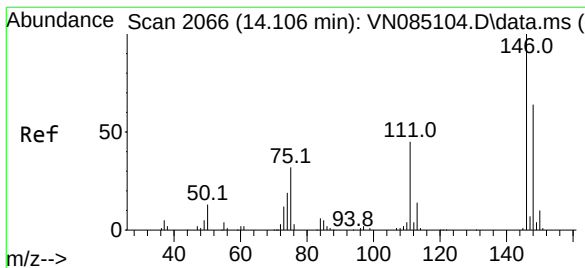
Reviewed By :John Carlone 12/11/2024  
Supervised By :Mahesh Dadoda 12/11/2024



#90  
Hexachloroethane  
Concen: 17.757 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: VN085158.D  
Acq: 10 Dec 2024 11:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 23588 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 69.6  | 35.2  | 105.6 |





#91

1,2-Dichlorobenzene

Concen: 16.351 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN085158.D

Acq: 10 Dec 2024 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN1210WBS01

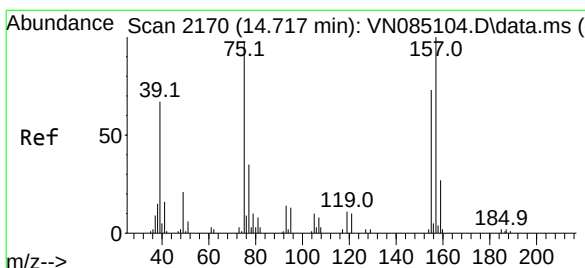
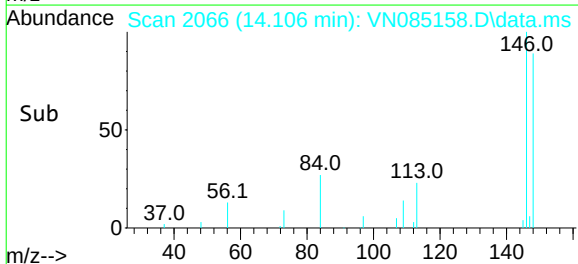
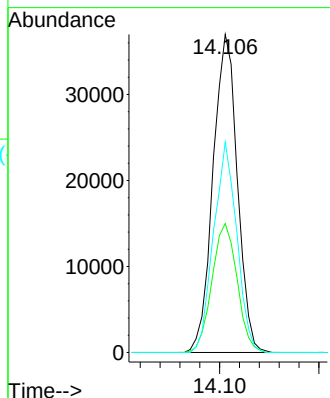
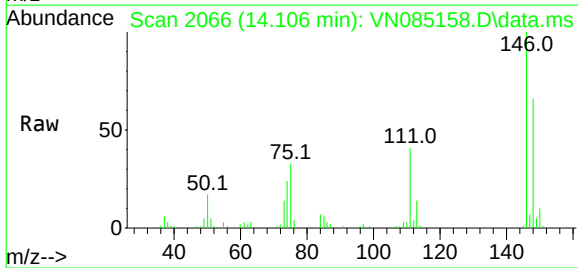
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 62951 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 41.9  | 21.9  | 65.8  |
| 148       | 63.1  | 31.1  | 93.2  |

Manual Integrations

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Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.729 ug/l

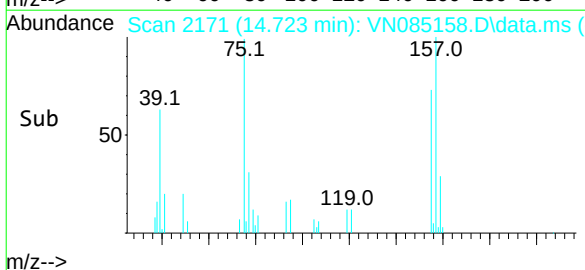
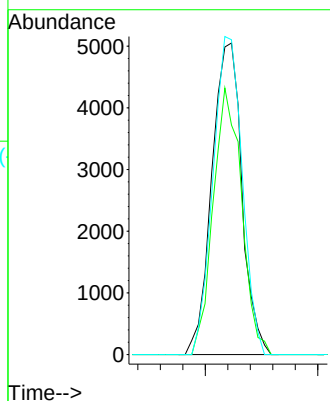
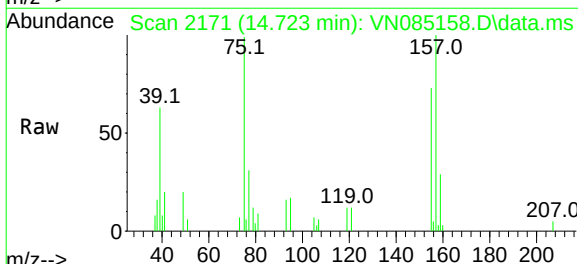
RT: 14.723 min Scan# 2171

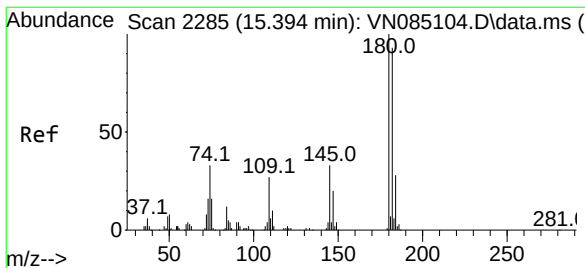
Delta R.T. 0.006 min

Lab File: VN085158.D

Acq: 10 Dec 2024 11:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 9361  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 80.8  | 38.9  | 116.7 |
| 157       | 99.1  | 48.3  | 144.9 |





#93

1,2,4-Trichlorobenzene

Concen: 13.552 ug/l

RT: 15.388 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN085158.D

Acq: 10 Dec 2024 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN1210WBS01

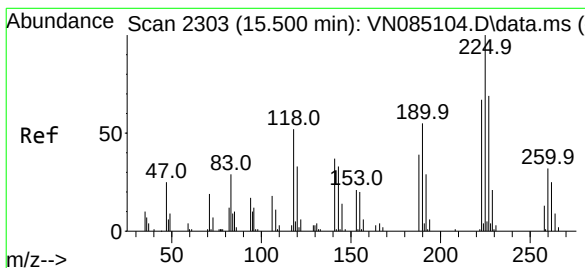
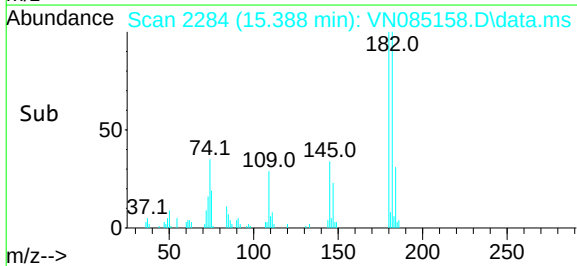
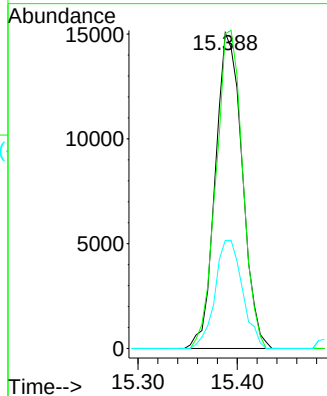
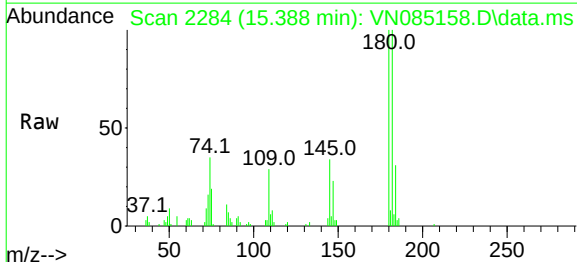
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 28345 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 99.5  | 46.9  | 140.8 |
| 145       | 34.8  | 16.3  | 48.8  |

Manual Integrations

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Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#94

Hexachlorobutadiene

Concen: 15.706 ug/l

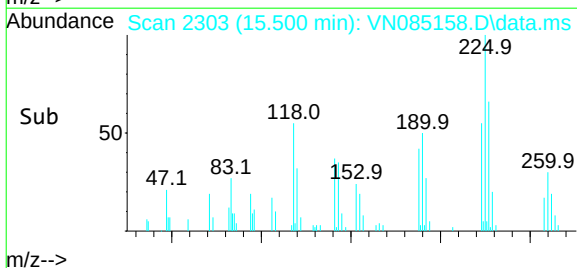
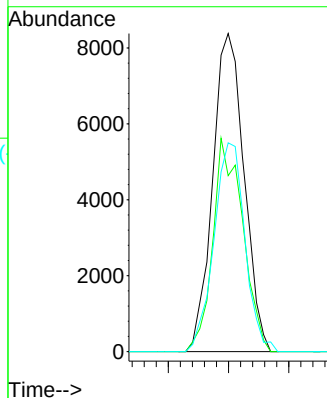
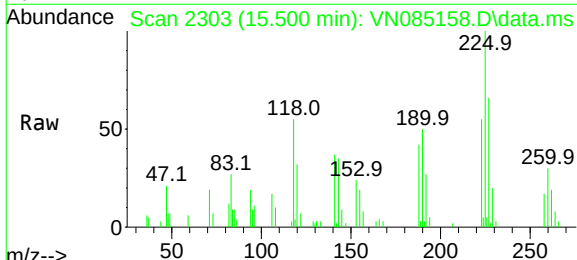
RT: 15.500 min Scan# 2303

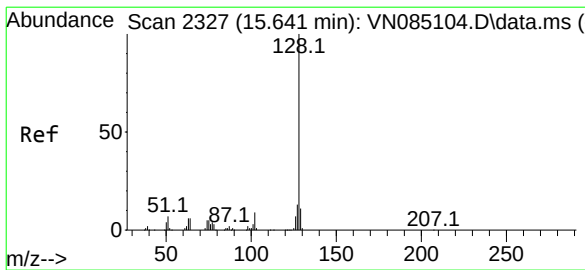
Delta R.T. -0.000 min

Lab File: VN085158.D

Acq: 10 Dec 2024 11:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 15161 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.7  | 30.9  | 92.8  |
| 227       | 64.8  | 31.5  | 94.5  |





#95

Naphthalene

Concen: 14.920 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085158.D

Acq: 10 Dec 2024 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN1210WBS01

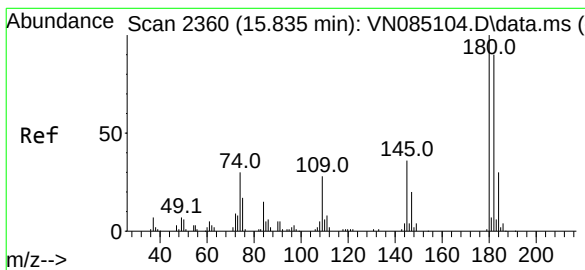
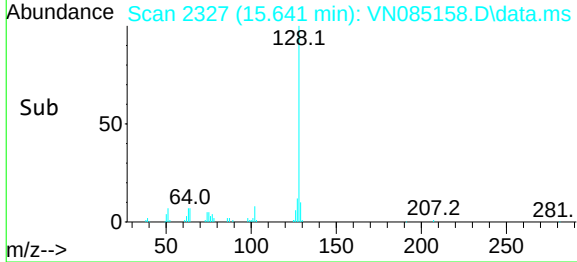
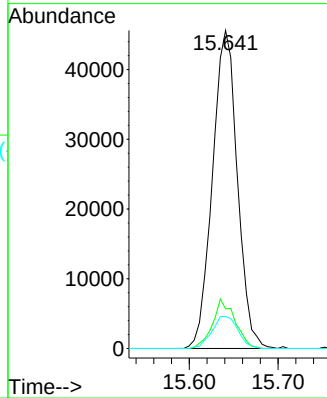
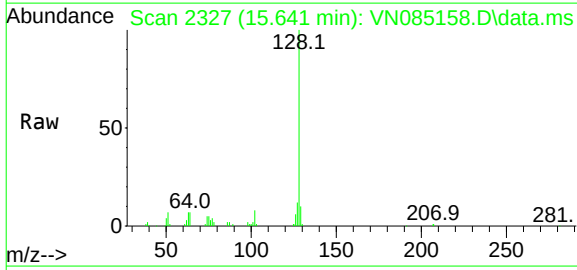
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 88876 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 14.0  | 10.6  | 16.0  |
| 129      | 10.6  | 8.6   | 12.8  |

Manual Integrations

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Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 14.955 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085158.D

Acq: 10 Dec 2024 11:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 29846 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 96.4  | 46.4  | 139.2 |
| 145      | 34.8  | 17.3  | 52.0  |

