

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111424\  
 Data File : VN084847.D  
 Acq On : 14 Nov 2024 13:24  
 Operator : JC\MD  
 Sample : VN1114WBSD02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1114WBSD02

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/15/2024  
 Supervised By : Mahesh Dadoda 11/15/2024

Quant Time: Nov 15 04:45:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 31 18:45:38 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.218  | 168  | 161141   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 263729   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 229436   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 112382   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.571  | 65    | 115342   | 49.558   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 99.120%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 91480    | 51.246   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 102.500% |
| 50) Toluene-d8              | 10.565 | 98    | 331841   | 50.464   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 100.920% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 126298   | 51.391   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 102.780% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 34657  | 18.709  | ug/l   | 99  |
| 3) Chloromethane             | 2.359 | 50  | 39882  | 16.668  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.512 | 62  | 42327  | 21.244  | ug/l   | 97  |
| 5) Bromomethane              | 2.901 | 94  | 22008  | 20.848  | ug/l   | 95  |
| 6) Chloroethane              | 3.089 | 64  | 28234  | 22.115  | ug/l   | 93  |
| 7) Trichlorofluoromethane    | 3.477 | 101 | 64120  | 19.537  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.948 | 74  | 24623  | 21.268  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 4.359 | 101 | 36910  | 19.902  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.571 | 142 | 52362  | 21.126  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.530 | 59  | 32545  | 105.936 | ug/l # | 88  |
| 12) 1,1-Dichloroethene       | 4.330 | 96  | 35801  | 19.509  | ug/l   | 90  |
| 13) Acrolein                 | 4.171 | 56  | 32198  | 105.104 | ug/l   | 98  |
| 14) Allyl chloride           | 5.018 | 41  | 57145  | 19.202  | ug/l   | 93  |
| 15) Acrylonitrile            | 5.712 | 53  | 92434  | 103.932 | ug/l   | 97  |
| 16) Acetone                  | 4.424 | 43  | 73293  | 107.391 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.706 | 76  | 97238  | 17.207  | ug/l   | 97  |
| 18) Methyl Acetate           | 5.018 | 43  | 47690  | 16.766  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.789 | 73  | 122338 | 21.751  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.271 | 84  | 40866  | 19.964  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.777 | 96  | 35914  | 19.060  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.671 | 45  | 121166 | 20.490  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.595 | 43  | 433905 | 106.404 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 6.559 | 63  | 72333  | 20.374  | ug/l   | 100 |
| 25) 2-Butanone               | 7.483 | 43  | 115624 | 106.486 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.483 | 77  | 65406  | 21.167  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.477 | 96  | 44912  | 20.413  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.806 | 49  | 31617  | 22.353  | ug/l   | 93  |
| 29) Tetrahydrofuran          | 7.836 | 42  | 74437  | 103.335 | ug/l   | 94  |
| 30) Chloroform               | 7.965 | 83  | 74650  | 20.659  | ug/l   | 94  |
| 31) Cyclohexane              | 8.247 | 56  | 60211  | 18.738  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 68509  | 20.830  | ug/l   | 94  |
| 36) 1,1-Dichloropropene      | 8.365 | 75  | 50330  | 20.329  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.553 | 43  | 48091  | 21.410  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.353 | 117 | 58992  | 21.318  | ug/l   | 95  |
| 39) Methylcyclohexane        | 9.600 | 83  | 54807  | 21.761  | ug/l   | 99  |
| 40) Benzene                  | 8.600 | 78  | 161059 | 20.257  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111424\  
 Data File : VN084847.D  
 Acq On : 14 Nov 2024 13:24  
 Operator : JC\MD  
 Sample : VN1114WBSD02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1114WBSD02

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/15/2024  
 Supervised By : Mahesh Dadoda 11/15/2024

Quant Time: Nov 15 04:45:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 31 18:45:38 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 26930    | 22.294  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 54875    | 21.311  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.683  | 43   | 85877    | 20.118  | ug/l   | 97       |
| 44) Trichloroethene           | 9.347  | 130  | 38223    | 20.845  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 39625    | 21.246  | ug/l   | 97       |
| 46) Dibromomethane            | 9.706  | 93   | 27887    | 21.189  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.883  | 83   | 58538    | 21.101  | ug/l # | 99       |
| 48) Methyl methacrylate       | 9.677  | 41   | 37031    | 21.183  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 13600    | 439.009 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 237670   | 110.992 | ug/l   | 97       |
| 52) Toluene                   | 10.624 | 92   | 101527   | 21.834  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.830 | 75   | 59212    | 20.620  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75   | 64268    | 21.146  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 37149    | 21.209  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 58624    | 23.138  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 64292    | 21.387  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 130230   | 109.846 | ug/l   | 96       |
| 59) 2-Hexanone                | 11.194 | 43   | 173018   | 111.006 | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.359 | 129  | 44362    | 22.222  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 38628    | 21.535  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.100 | 164  | 33486    | 21.942  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.888 | 112  | 108271   | 21.094  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 38558    | 21.596  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.959 | 91   | 183387   | 21.404  | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.071 | 106  | 141376   | 43.585  | ug/l   | 100      |
| 69) o-Xylene                  | 12.394 | 106  | 67347    | 22.194  | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 115059   | 21.737  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 28987    | 21.577  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 171691   | 21.801  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 70330    | 20.982  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 54683    | 20.802  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 49434m   | 22.005  | ug/l   |          |
| 77) Bromobenzene              | 12.976 | 156  | 43721    | 20.651  | ug/l   | 94       |
| 78) n-propylbenzene           | 13.035 | 91   | 197805   | 21.434  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.124 | 91   | 131560   | 21.817  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 147573   | 22.609  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 18920    | 19.981  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 127715   | 20.125  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 122465   | 22.670  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 151544   | 22.495  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 168982   | 22.145  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 141525   | 22.614  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 80206    | 19.412  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 81235    | 20.758  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 118386   | 20.223  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 27754    | 19.886  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 76994    | 19.392  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.718 | 75   | 10107    | 18.979  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 40082    | 18.444  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 19258    | 20.179  | ug/l   | 96       |
| 95) Naphthalene               | 15.635 | 128  | 121654   | 18.702  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 38027    | 18.026  | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111424\  
Data File : VN084847.D  
Acq On : 14 Nov 2024 13:24  
Operator : JC\MD  
Sample : VN1114WBSD02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024

Quant Time: Nov 15 04:45:13 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
Response via : Initial Calibration

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

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

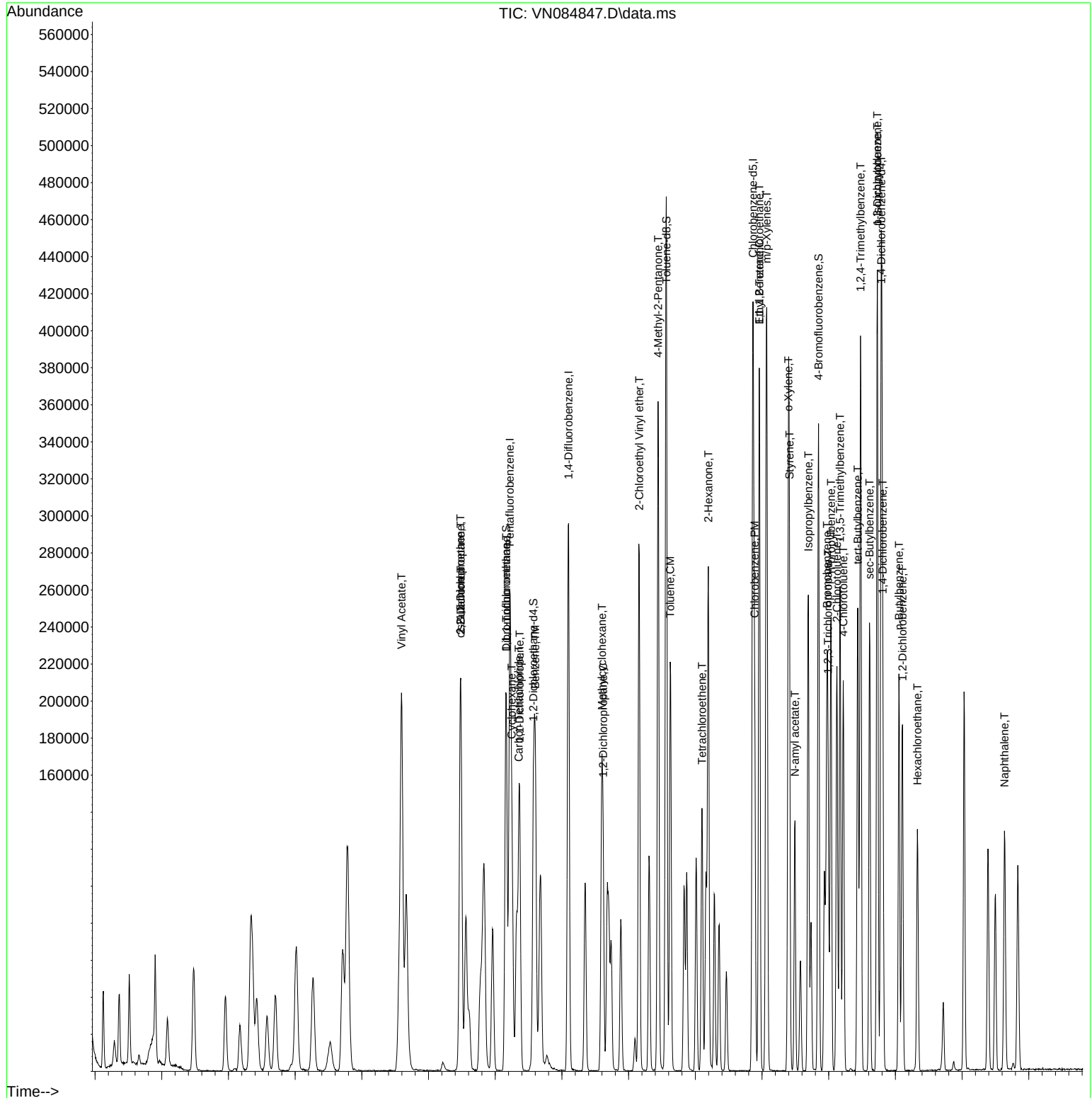
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111424\  
Data File : VN084847.D  
Acq On : 14 Nov 2024 13:24  
Operator : JC\MD  
Sample : VN1114WBSD02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

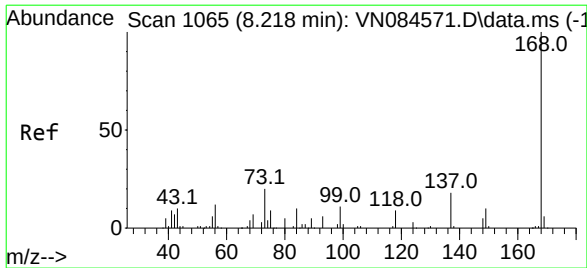
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Manual Integrations  
APPROVED

Reviewed By : John Carlone 11/15/2024  
Supervised By : Mahesh Dadoda 11/15/2024

Quant Time: Nov 15 04:45:13 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
Response via : Initial Calibration





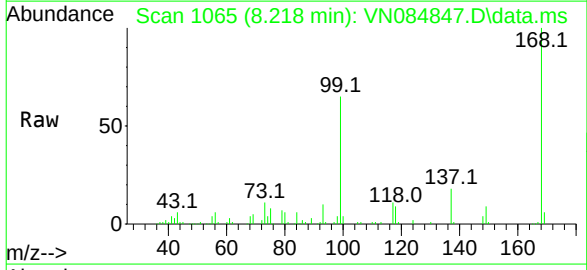
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :

MSVOA\_N

ClientSampleId :

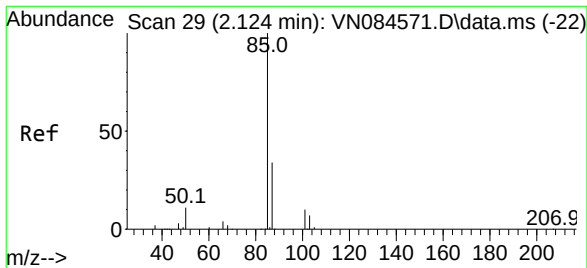
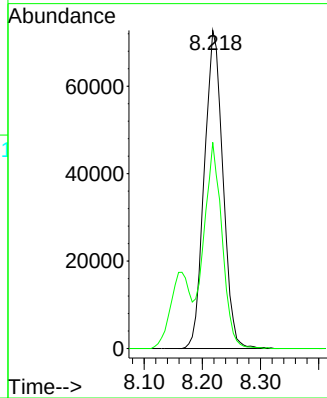
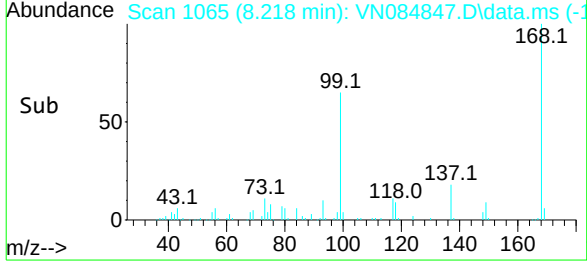
VN1114WBSD02



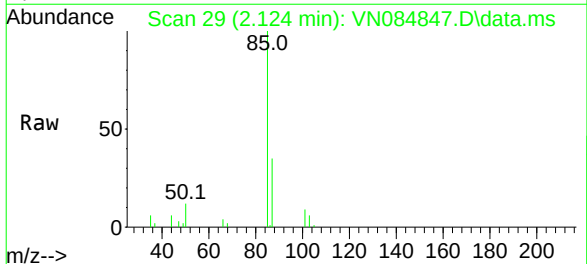
Tgt Ion:168 Resp: 161141  
Ion Ratio Lower Upper  
168 100  
99 64.8 54.2 81.2

Manual Integrations  
APPROVED

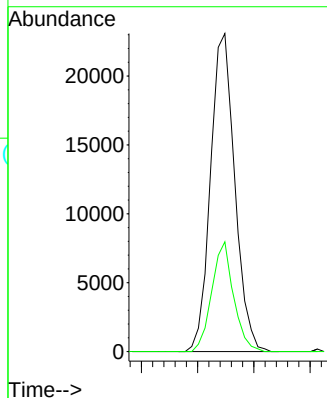
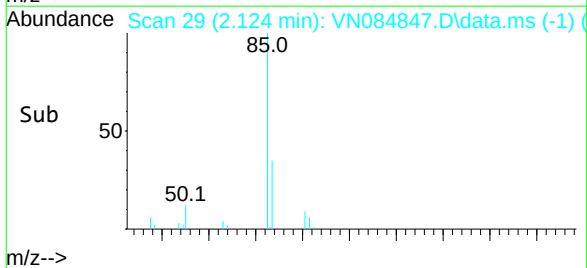
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024

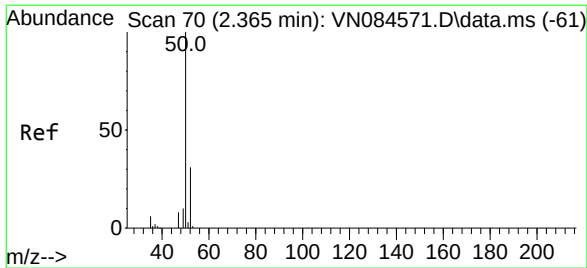


#2  
Dichlorodifluoromethane  
Concen: 18.709 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24



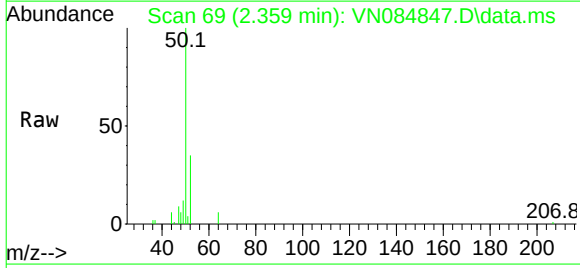
Tgt Ion: 85 Resp: 34657  
Ion Ratio Lower Upper  
85 100  
87 34.5 17.6 52.9





#3  
Chloromethane  
Concen: 16.668 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

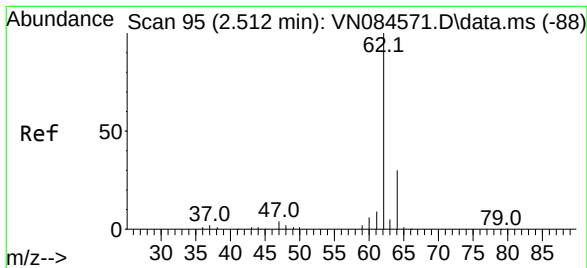
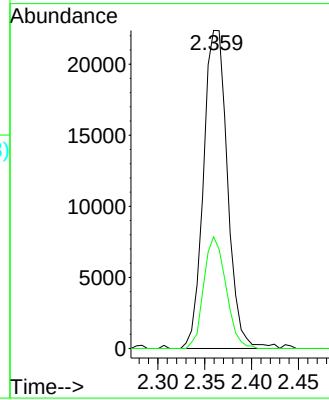
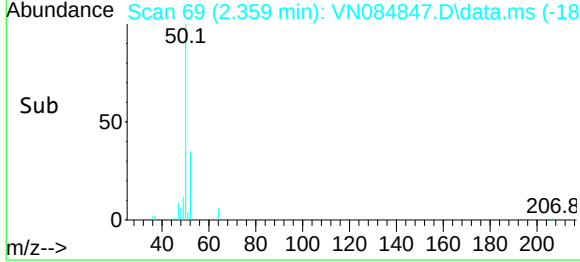
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02



Tgt Ion: 50 Resp: 39882  
Ion Ratio Lower Upper  
50 100  
52 35.1 26.8 40.2

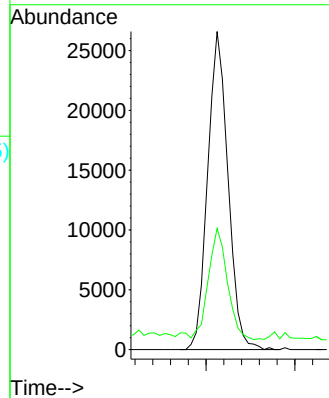
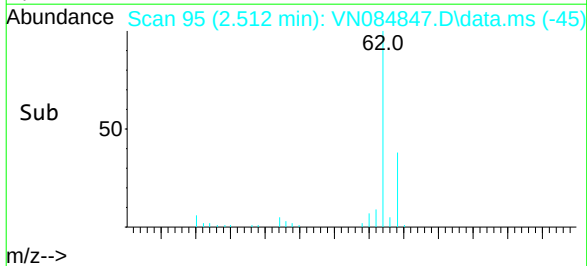
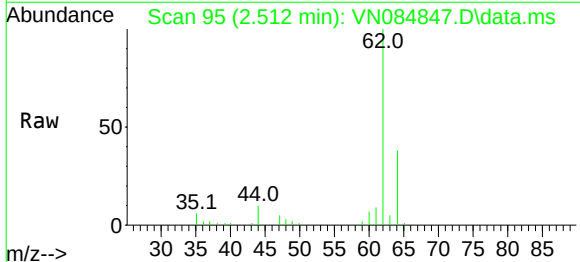
Manual Integrations  
APPROVED

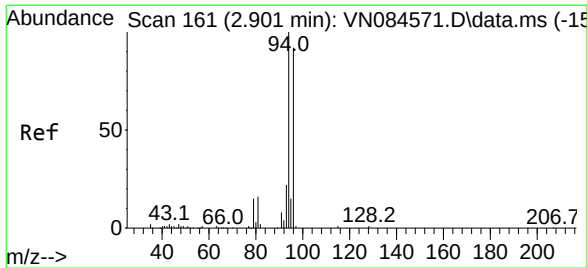
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#4  
Vinyl Chloride  
Concen: 21.244 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion: 62 Resp: 42327  
Ion Ratio Lower Upper  
62 100  
64 34.7 26.2 39.4





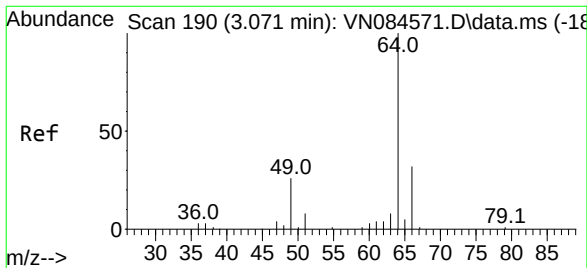
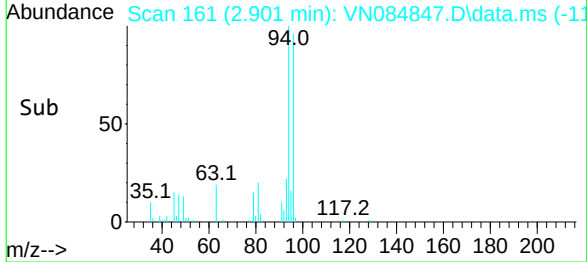
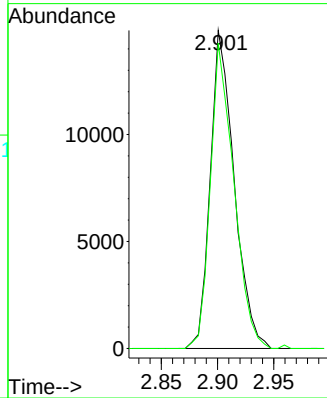
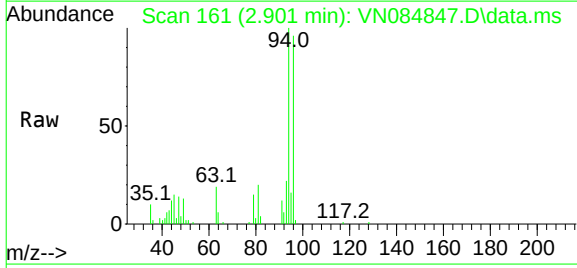
#5  
Bromomethane  
Concen: 20.848 ug/l  
RT: 2.901 min Scan# 161  
Delta R.T. -0.052 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion: 94 Resp: 22008  
Ion Ratio Lower Upper  
94 100  
96 96.0 72.9 109.3

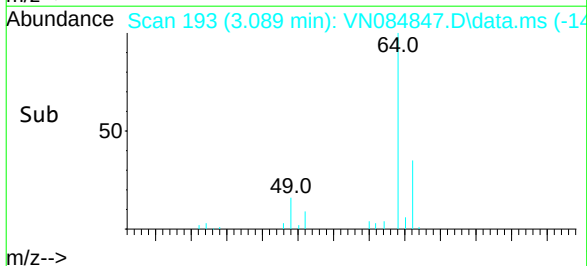
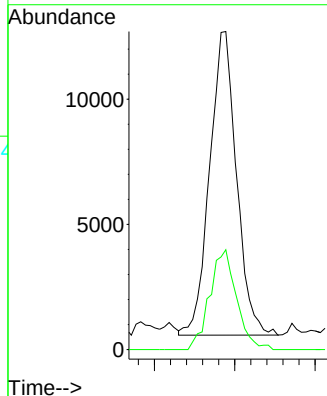
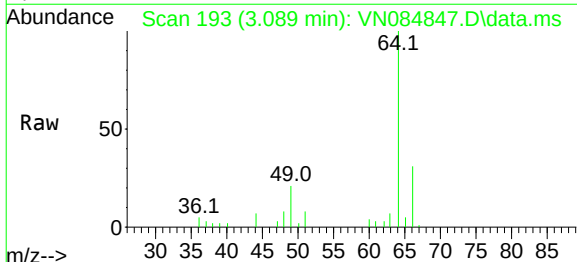
Manual Integrations  
APPROVED

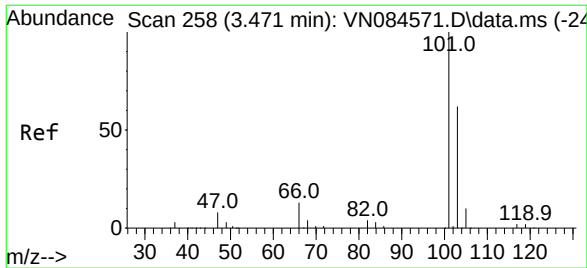
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#6  
Chloroethane  
Concen: 22.115 ug/l  
RT: 3.089 min Scan# 193  
Delta R.T. -0.029 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

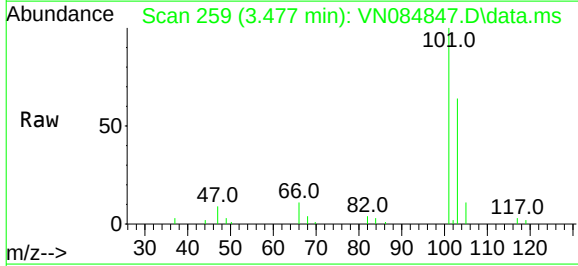
Tgt Ion: 64 Resp: 28234  
Ion Ratio Lower Upper  
64 100  
66 32.9 23.5 35.3





#7  
 Trichlorofluoromethane  
 Concen: 19.537 ug/l  
 RT: 3.477 min Scan# 258  
 Delta R.T. -0.018 min  
 Lab File: VN084847.D  
 Acq: 14 Nov 2024 13:24

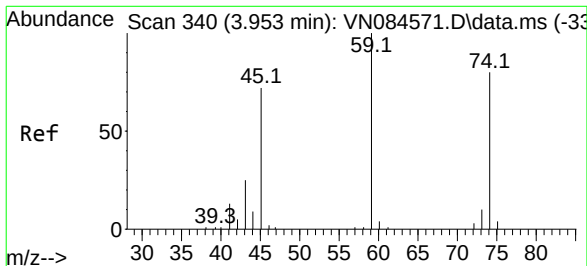
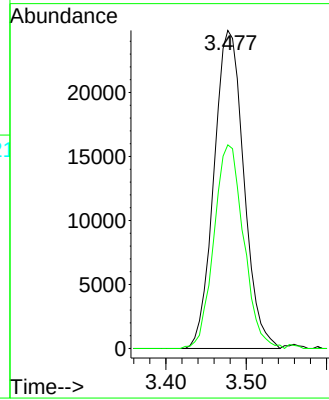
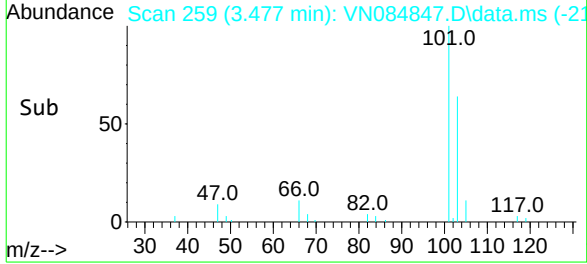
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1114WBSD02



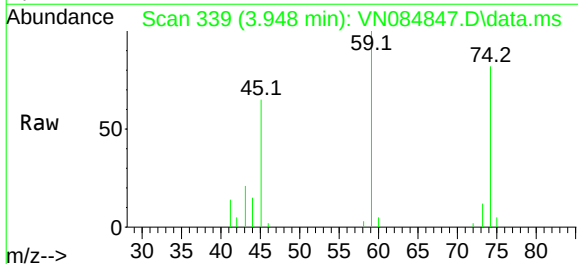
Tgt Ion: 101 Resp: 64120  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 51.8 77.6

Manual Integrations  
 APPROVED

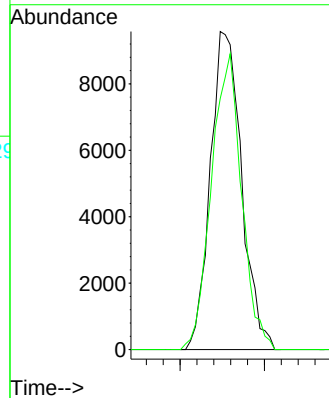
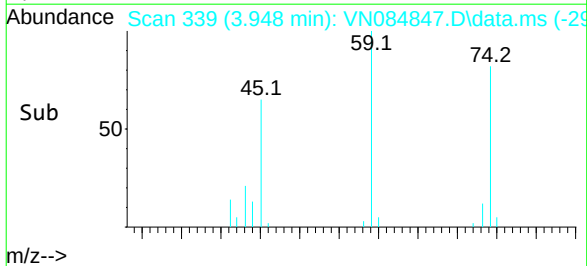
Reviewed By : John Carlone 11/15/2024  
 Supervised By : Mahesh Dadoda 11/15/2024



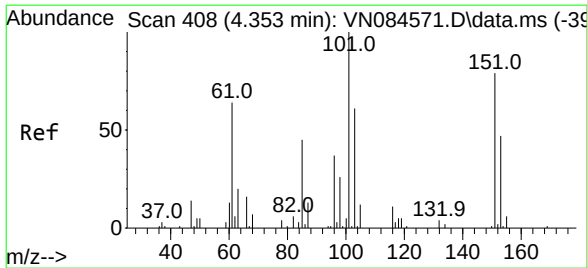
#8  
 Diethyl Ether  
 Concen: 21.268 ug/l  
 RT: 3.948 min Scan# 339  
 Delta R.T. -0.011 min  
 Lab File: VN084847.D  
 Acq: 14 Nov 2024 13:24



Tgt Ion: 74 Resp: 24623  
 Ion Ratio Lower Upper  
 74 100  
 45 89.9 47.7 143.1







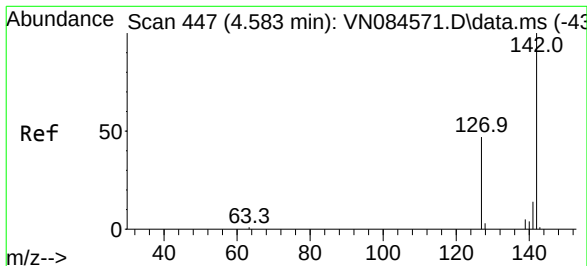
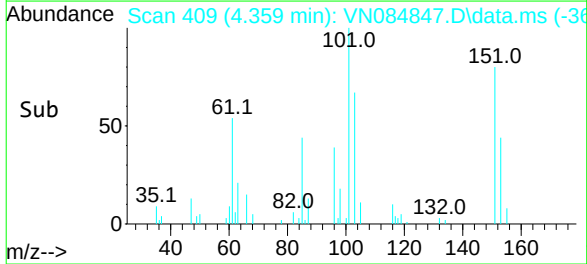
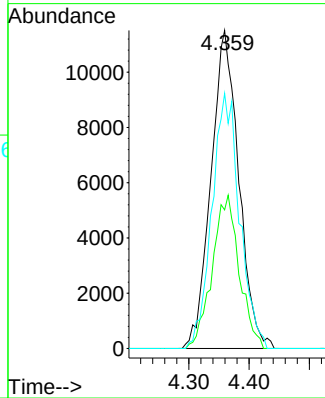
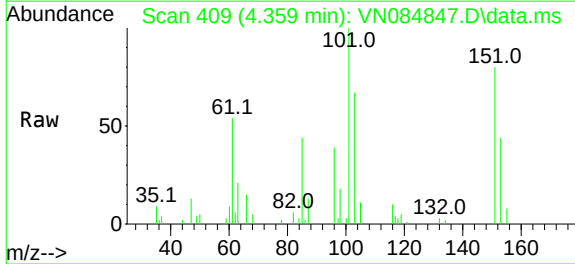
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.902 ug/l  
RT: 4.359 min Scan# 408  
Delta R.T. -0.012 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 36910 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 46.7  | 36.2  | 54.4  |
| 151       | 79.8  | 59.3  | 88.9  |

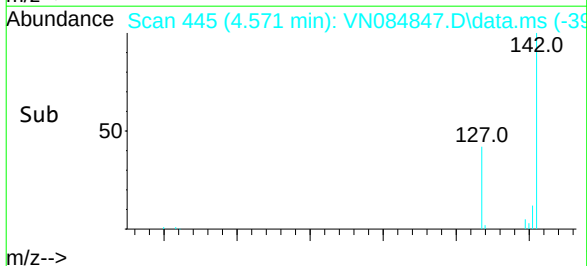
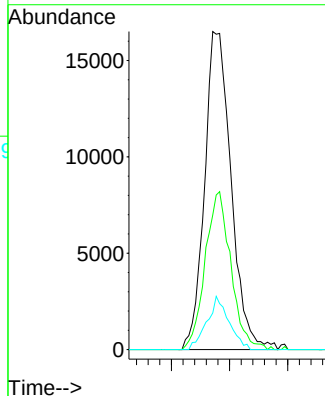
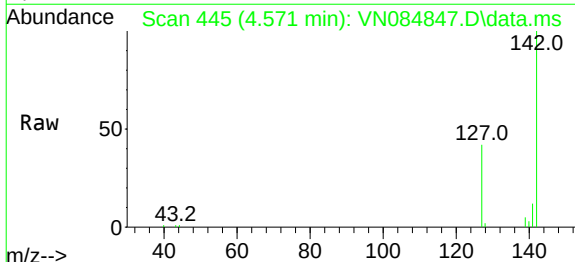
Manual Integrations  
APPROVED

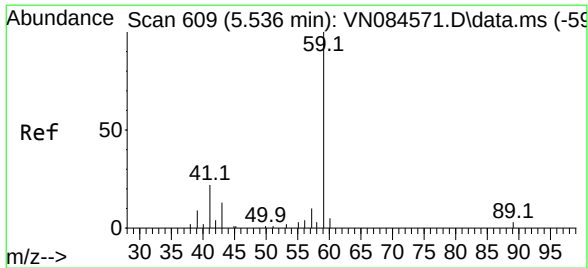
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#10  
Methyl Iodide  
Concen: 21.126 ug/l  
RT: 4.571 min Scan# 445  
Delta R.T. -0.023 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 52362 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 42.3  | 35.3  | 52.9  |
| 141       | 11.5  | 11.0  | 16.6  |





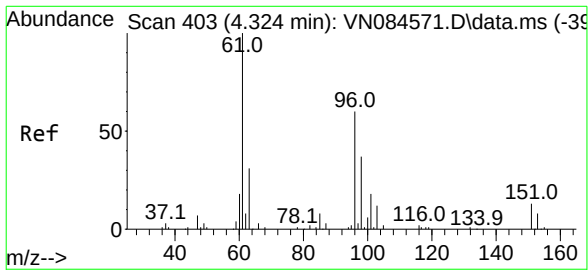
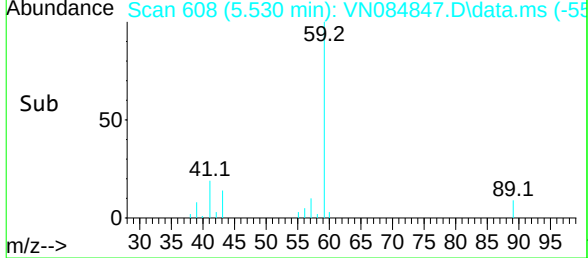
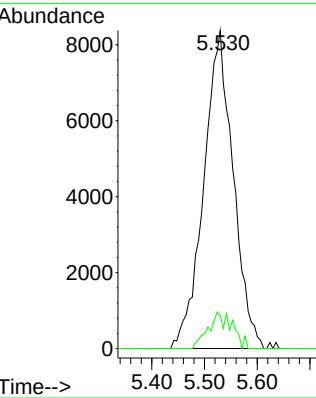
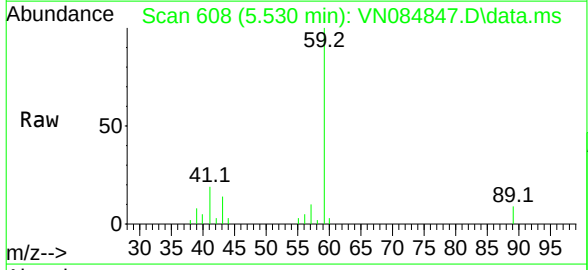
#11  
Tert butyl alcohol  
Concen: 105.936 ug/l  
RT: 5.530 min Scan# 609  
Delta R.T. 0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 5.7   | 8.2   | 12.2  |

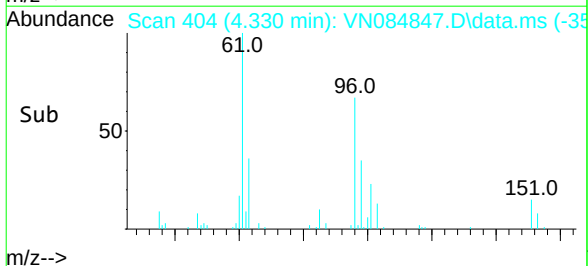
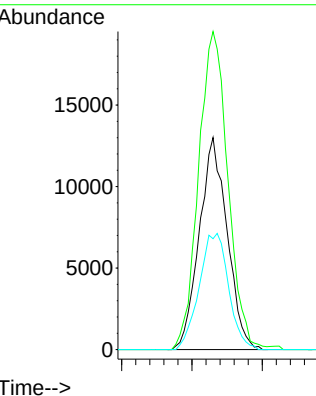
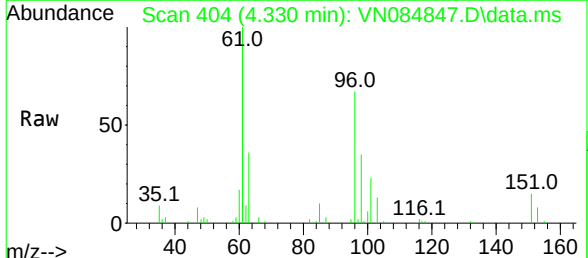
Manual Integrations  
**APPROVED**

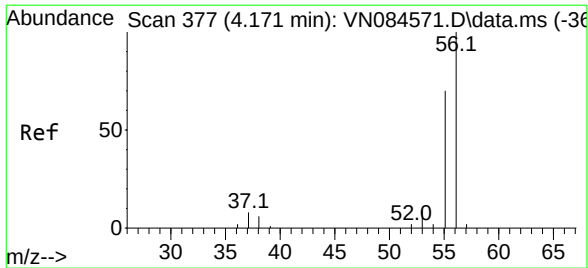
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#12  
1,1-Dichloroethene  
Concen: 19.509 ug/l  
RT: 4.330 min Scan# 404  
Delta R.T. -0.012 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

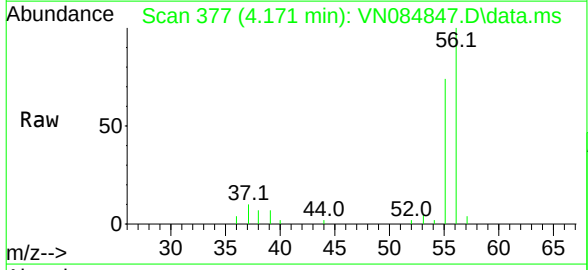
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 150.0 | 128.6 | 192.8 |
| 98      | 52.3  | 51.7  | 77.5  |





#13  
Acrolein  
Concen: 105.104 ug/l  
RT: 4.171 min Scan# 377  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

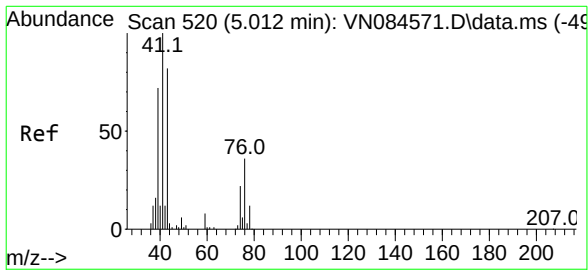
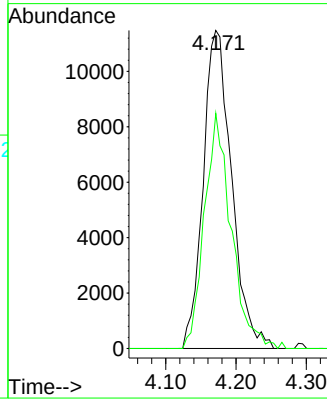
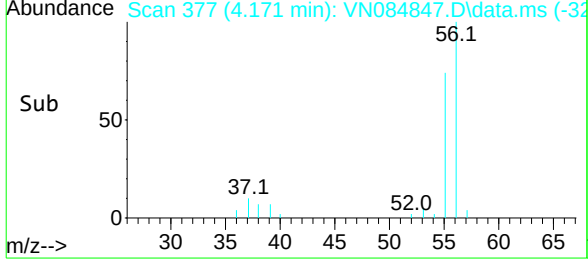
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02



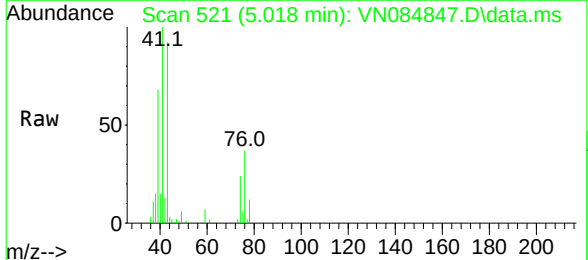
Tgt Ion: 56 Resp: 32198  
Ion Ratio Lower Upper  
56 100  
55 69.8 57.2 85.8

Manual Integrations  
APPROVED

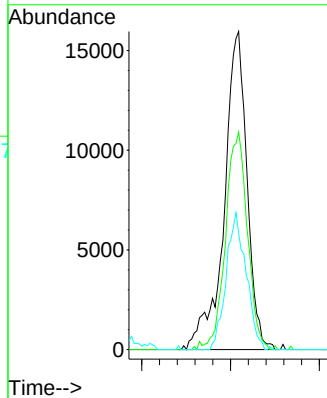
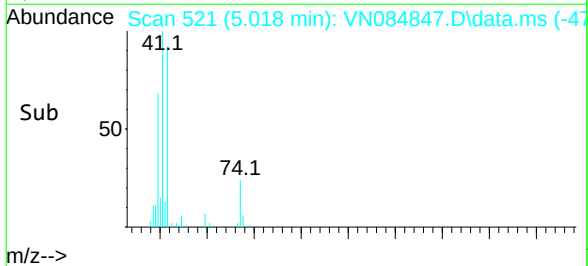
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024

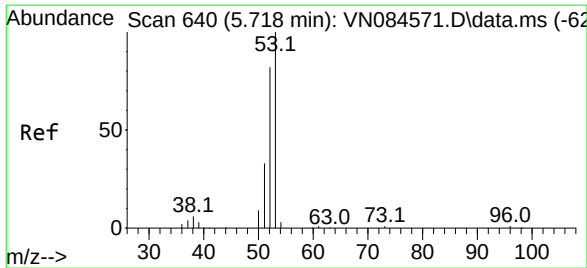


#14  
Allyl chloride  
Concen: 19.202 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24



Tgt Ion: 41 Resp: 57145  
Ion Ratio Lower Upper  
41 100  
39 65.4 59.0 88.6  
76 37.4 29.8 44.6





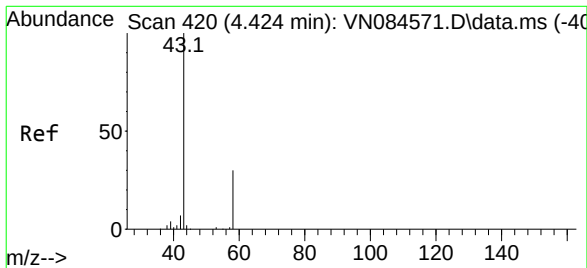
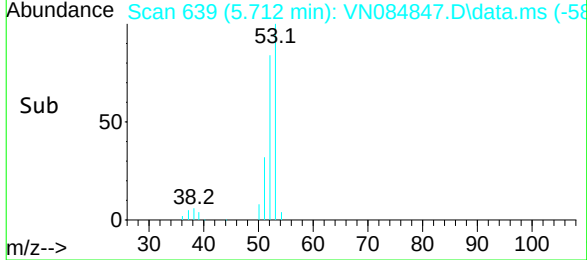
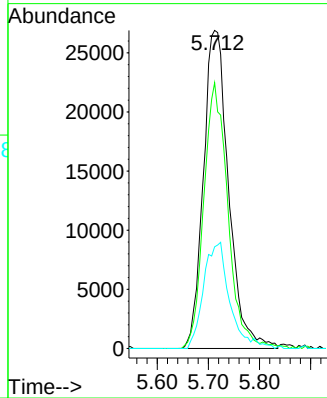
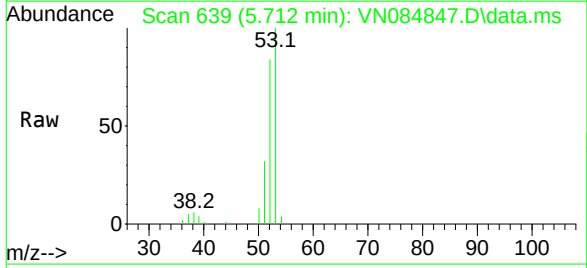
#15  
Acrylonitrile  
Concen: 103.932 ug/l  
RT: 5.712 min Scan# 63  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion: 53 Resp: 92434  
Ion Ratio Lower Upper  
53 100  
52 79.7 66.2 99.4  
51 34.4 28.8 43.2

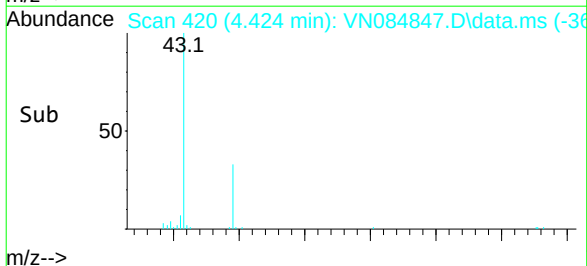
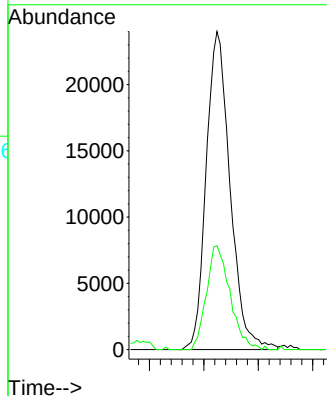
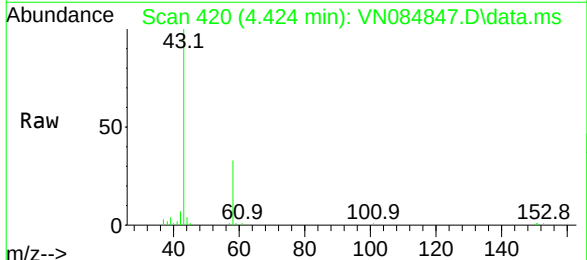
Manual Integrations  
APPROVED

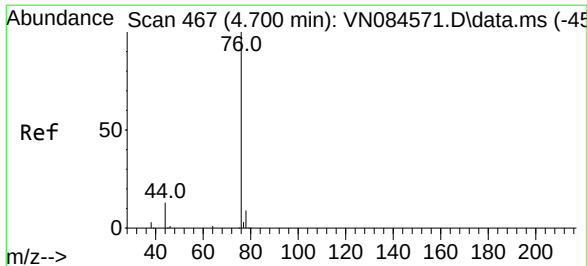
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#16  
Acetone  
Concen: 107.391 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

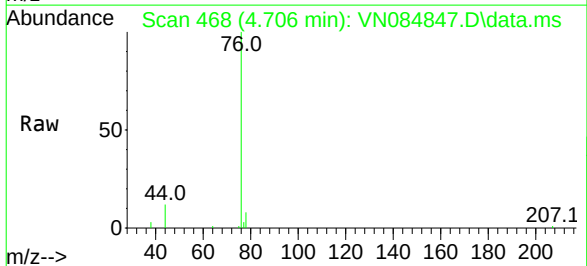
Tgt Ion: 43 Resp: 73293  
Ion Ratio Lower Upper  
43 100  
58 32.7 24.4 36.6





#17  
Carbon Disulfide  
Concen: 17.207 ug/l  
RT: 4.706 min Scan# 46  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

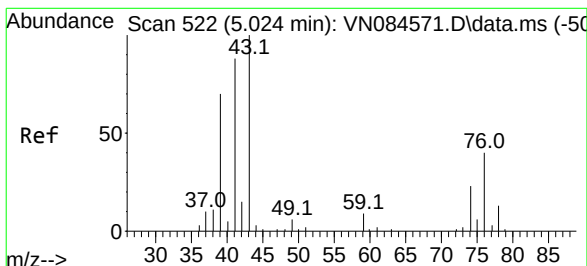
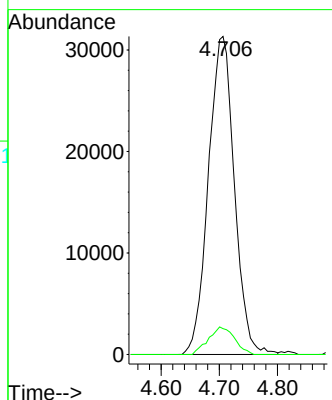
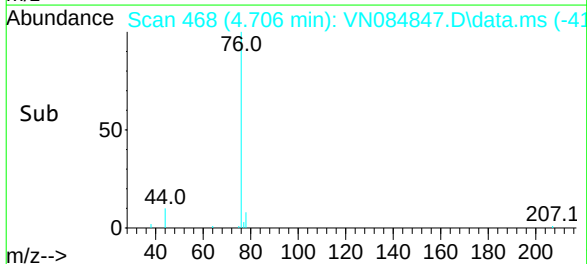
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02



Tgt Ion: 76 Resp: 97238  
Ion Ratio Lower Upper  
76 100  
78 8.1 7.3 10.9

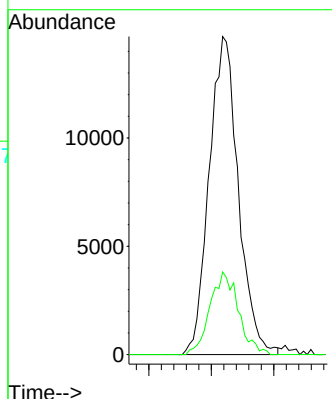
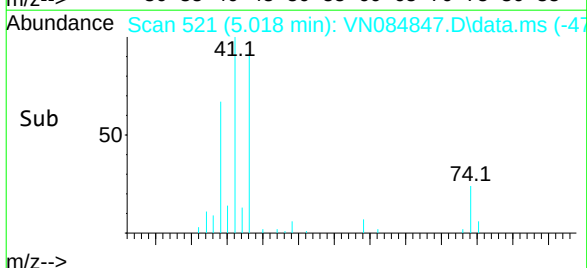
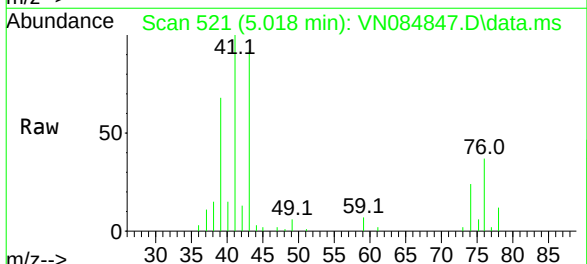
Manual Integrations  
APPROVED

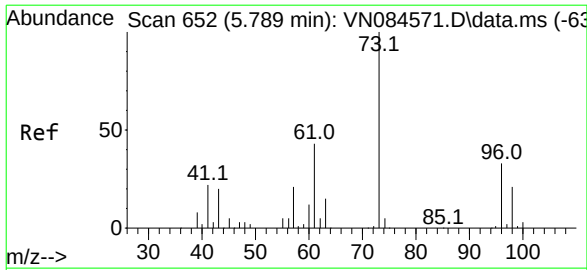
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#18  
Methyl Acetate  
Concen: 16.766 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion: 43 Resp: 47690  
Ion Ratio Lower Upper  
43 100  
74 25.3 19.2 28.8





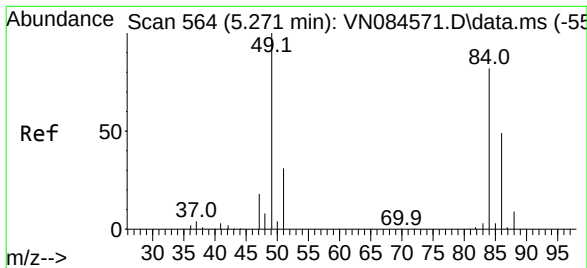
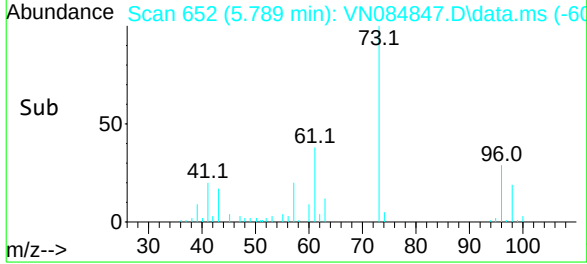
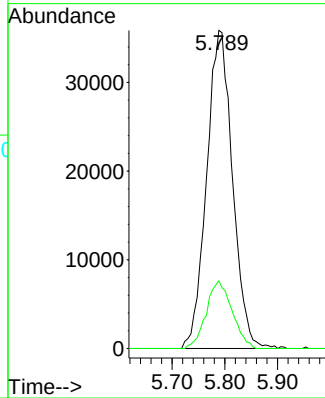
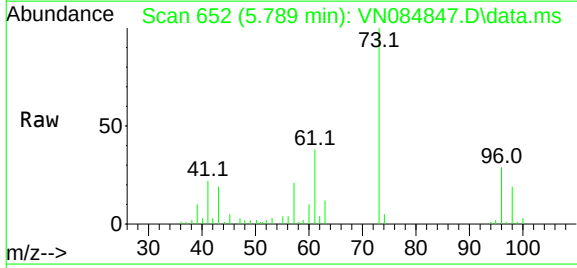
#19  
Methyl tert-butyl Ether  
Concen: 21.751 ug/l  
RT: 5.789 min Scan# 652  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion: 73 Resp: 122338  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.7 26.5

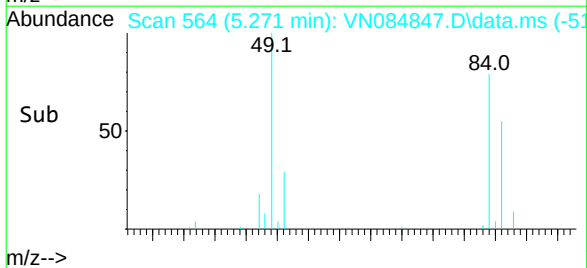
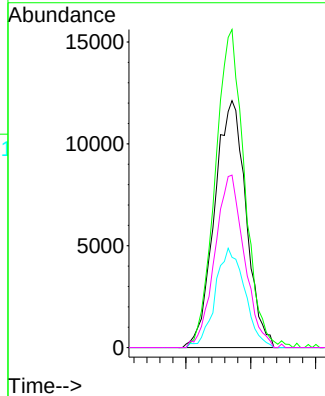
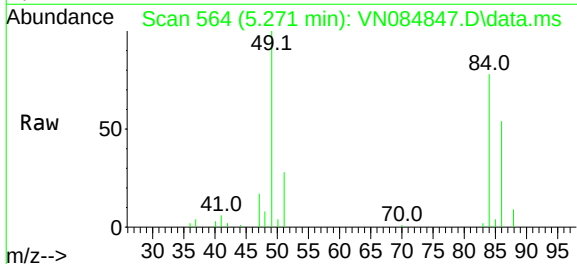
Manual Integrations  
APPROVED

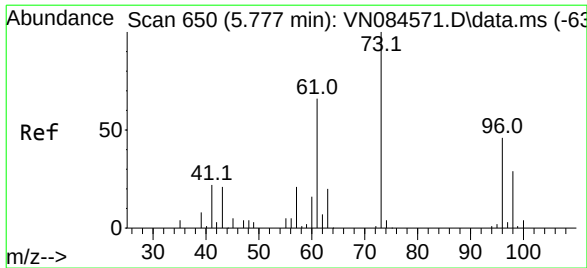
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#20  
Methylene Chloride  
Concen: 19.964 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

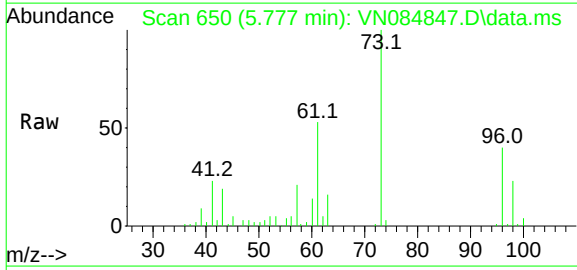
Tgt Ion: 84 Resp: 40866  
Ion Ratio Lower Upper  
84 100  
49 128.8 107.2 160.8  
51 36.6 31.8 47.8  
86 69.8 52.9 79.3





#21  
trans-1,2-Dichloroethene  
Concen: 19.060 ug/l  
RT: 5.777 min Scan# 650  
Delta R.T. -0.012 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

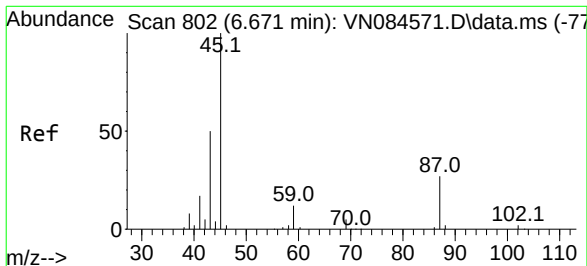
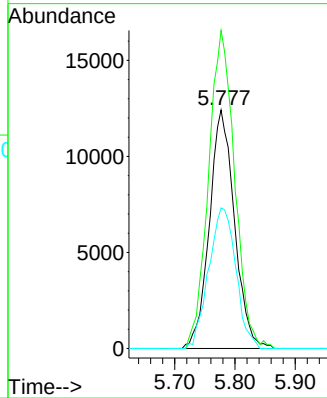
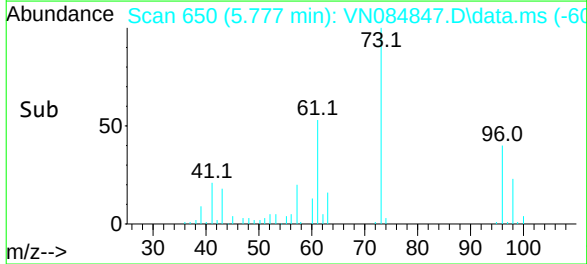
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02



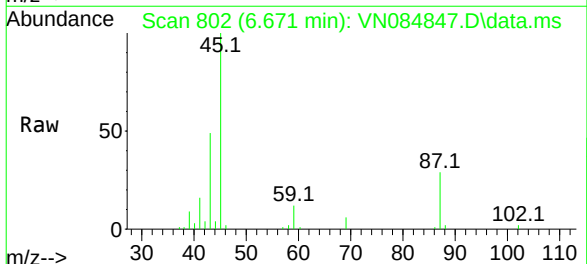
Tgt Ion: 96 Resp: 35914  
Ion Ratio Lower Upper  
96 100  
61 133.3 108.4 162.6  
98 58.9 49.8 74.8

Manual Integrations  
APPROVED

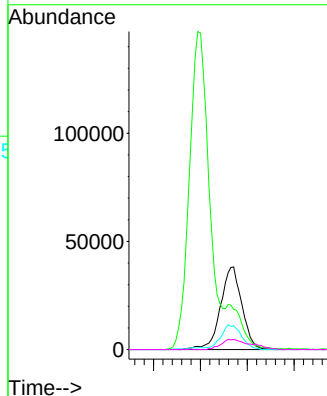
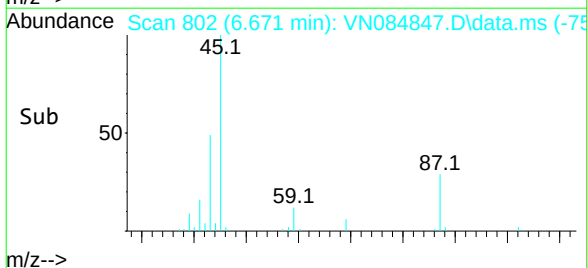
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024

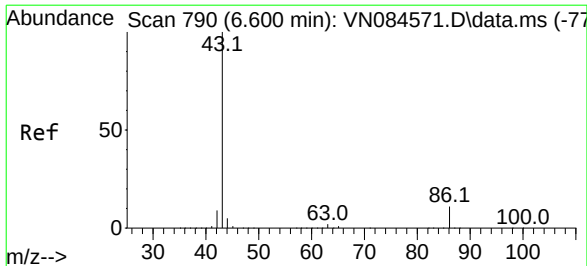


#22  
Diisopropyl ether  
Concen: 20.490 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24



Tgt Ion: 45 Resp: 121166  
Ion Ratio Lower Upper  
45 100  
43 47.8 42.3 63.5  
87 28.9 21.8 32.6  
59 12.3 9.6 14.4





#23

Vinyl Acetate

Concen: 106.404 ug/l

RT: 6.595 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1114WBSD02

Tgt Ion: 43 Resp: 433905

Ion Ratio Lower Upper

43 100

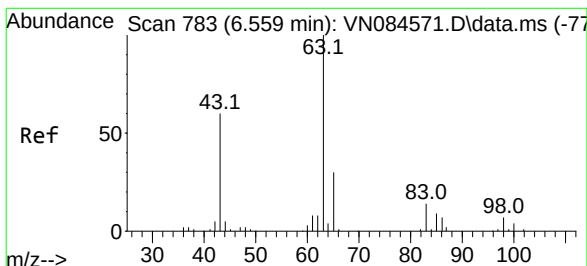
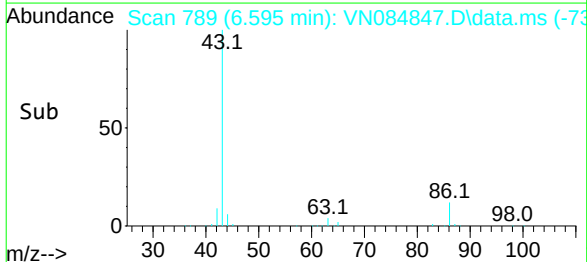
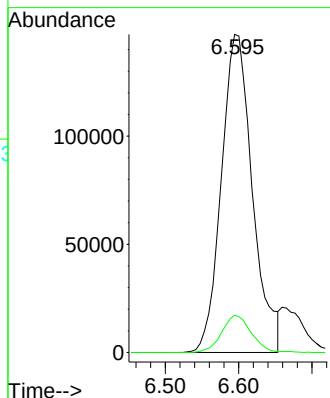
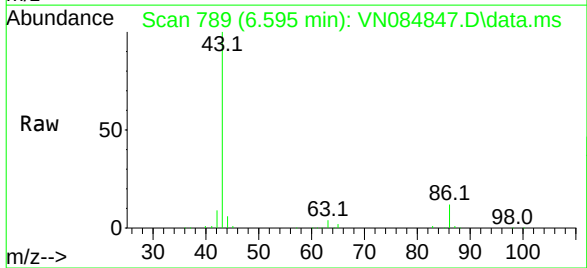
86 11.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#24

1,1-Dichloroethane

Concen: 20.374 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.012 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

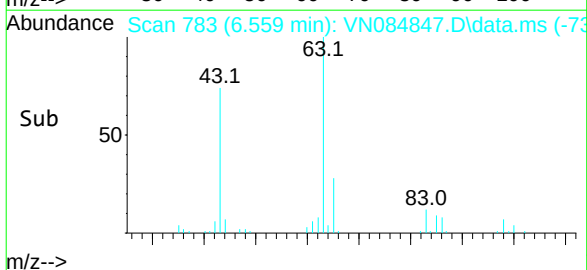
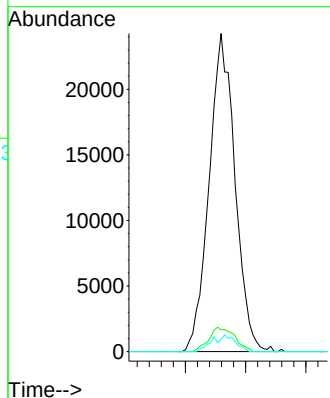
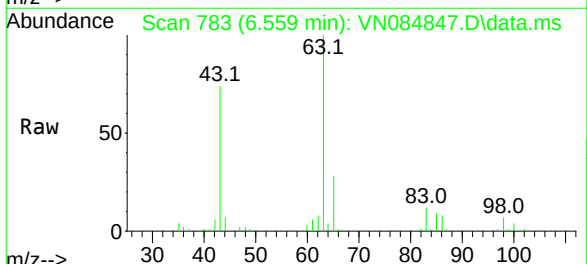
Tgt Ion: 63 Resp: 72333

Ion Ratio Lower Upper

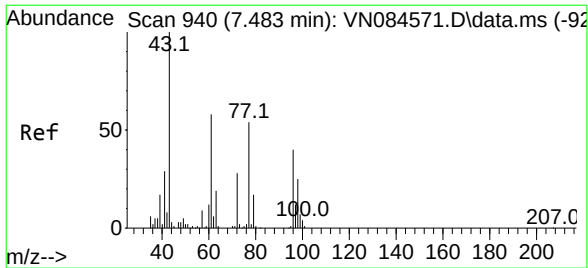
63 100

98 6.8 3.4 10.2

100 3.8 2.0 5.8

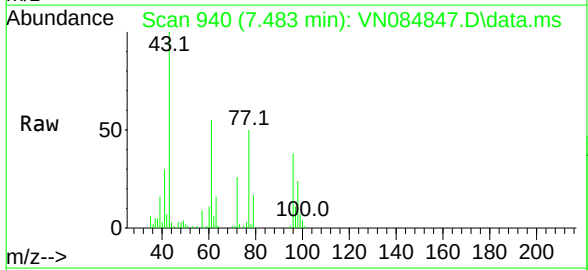






#25  
2-Butanone  
Concen: 106.486 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

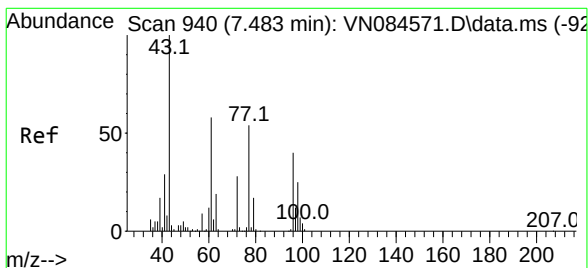
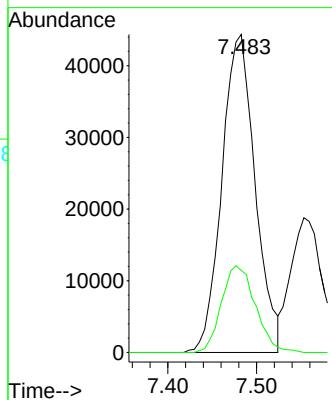
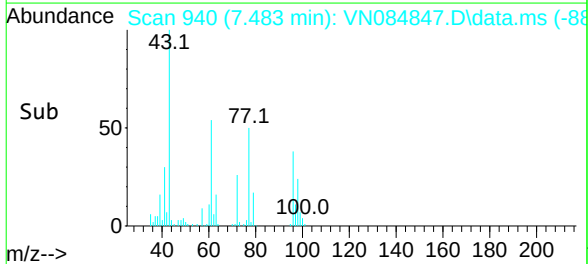
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02



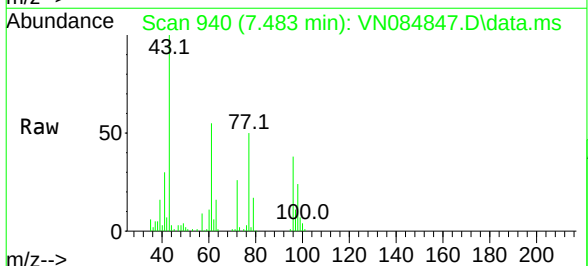
Tgt Ion: 43 Resp: 115624  
Ion Ratio Lower Upper  
43 100  
72 25.8 21.4 32.2

Manual Integrations  
APPROVED

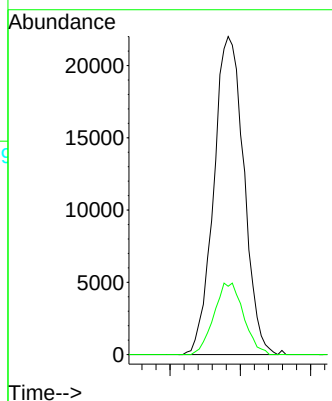
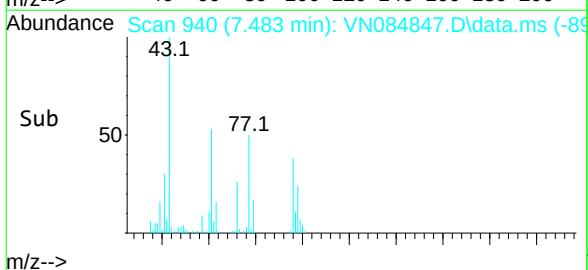
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024

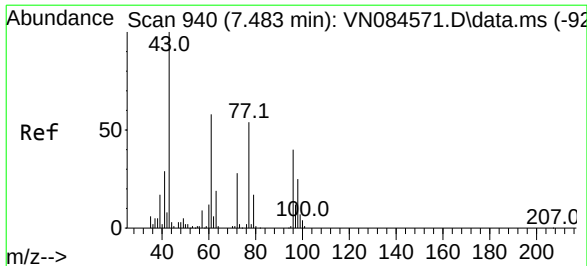


#26  
2,2-Dichloropropane  
Concen: 21.167 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24



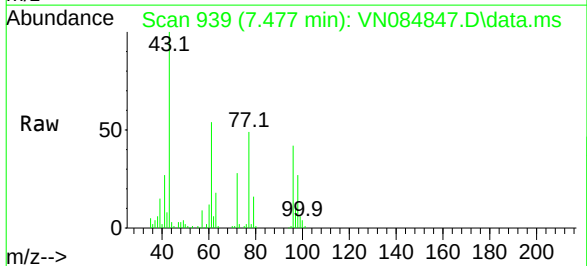
Tgt Ion: 77 Resp: 65406  
Ion Ratio Lower Upper  
77 100  
97 22.2 10.8 32.3





#27  
cis-1,2-Dichloroethene  
Concen: 20.413 ug/l  
RT: 7.477 min Scan# 93  
Delta R.T. -0.012 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

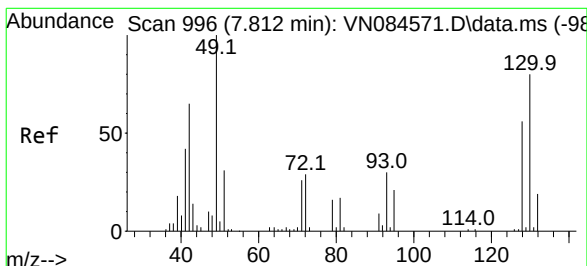
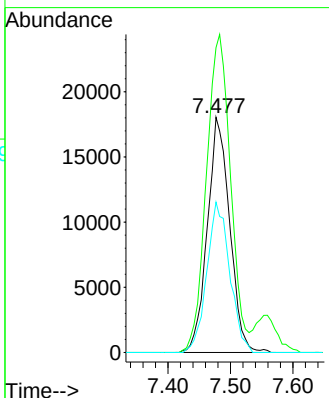
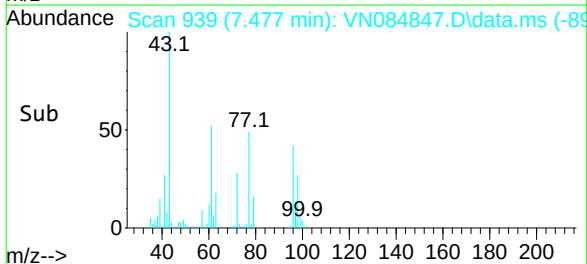
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02



Tgt Ion: 96 Resp: 44912  
Ion Ratio Lower Upper  
96 100  
61 145.7 0.0 301.8  
98 65.4 0.0 128.2

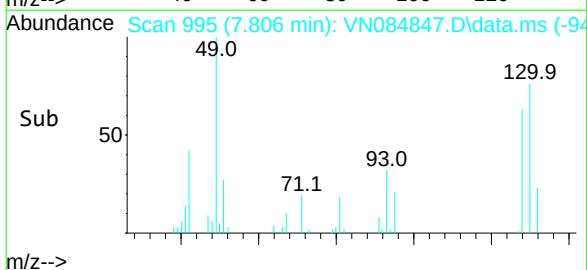
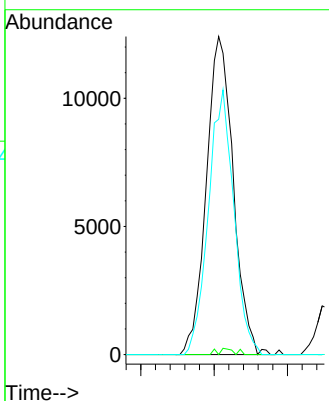
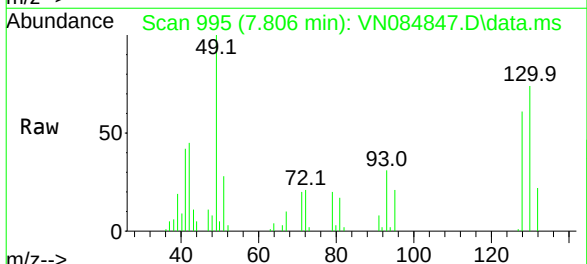
Manual Integrations  
APPROVED

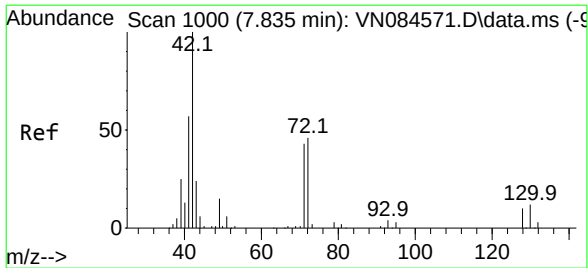
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#28  
Bromochloromethane  
Concen: 22.353 ug/l  
RT: 7.806 min Scan# 995  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion: 49 Resp: 31617  
Ion Ratio Lower Upper  
49 100  
129 1.0 0.0 3.6  
130 78.8 58.0 87.0





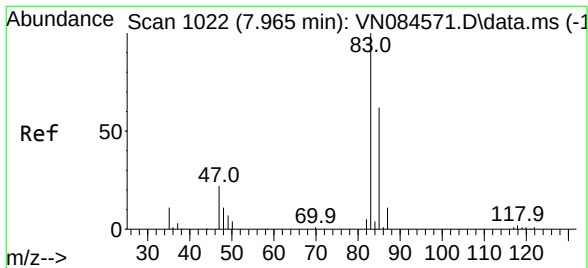
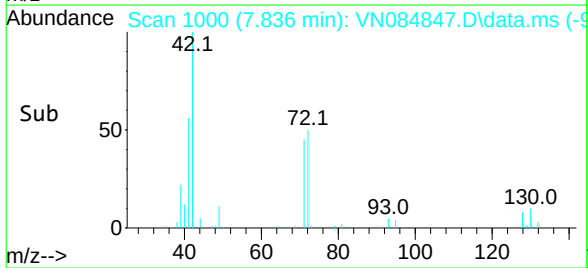
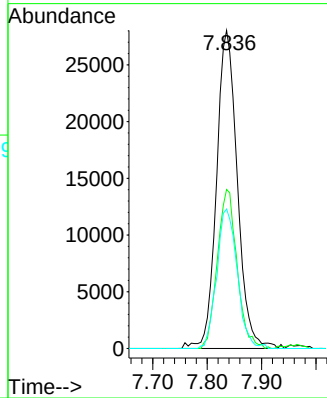
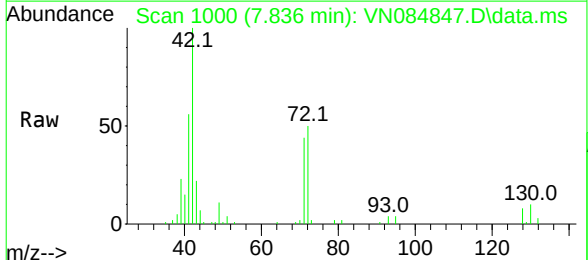
#29  
Tetrahydrofuran  
Concen: 103.335 ug/l  
RT: 7.836 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion: 42 Resp: 74437  
Ion Ratio Lower Upper  
42 100  
72 47.4 34.6 51.8  
71 43.4 32.2 48.4

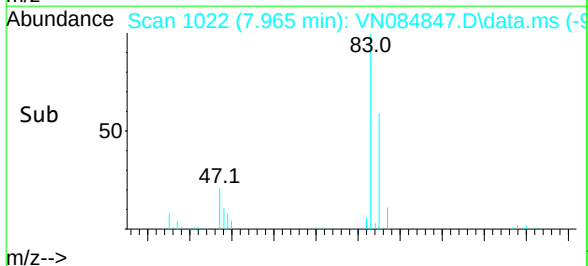
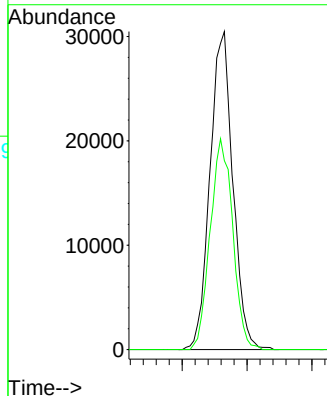
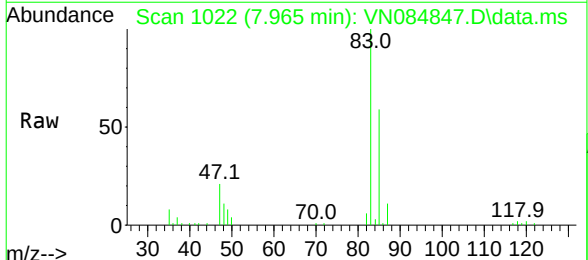
Manual Integrations  
APPROVED

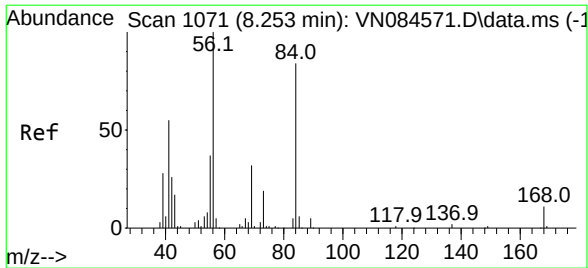
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#30  
Chloroform  
Concen: 20.659 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

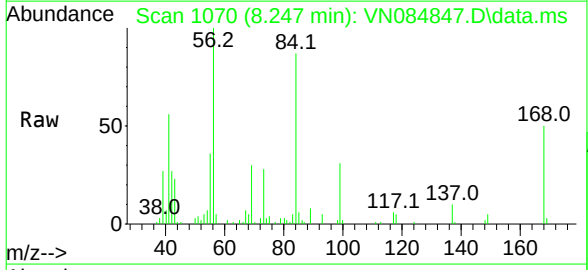
Tgt Ion: 83 Resp: 74650  
Ion Ratio Lower Upper  
83 100  
85 59.4 51.0 76.4





#31  
Cyclohexane  
Concen: 18.738 ug/l  
RT: 8.247 min Scan# 1070  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

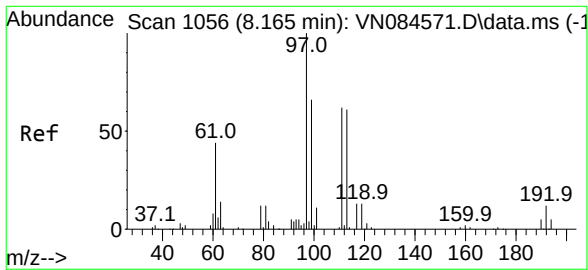
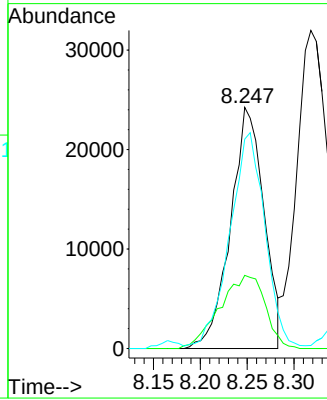
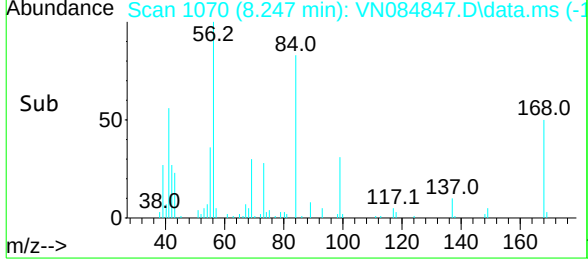
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02



| Tgt Ion | 56  | 69   | 84    |
|---------|-----|------|-------|
| Ratio   | 100 | 30.3 | 84.7  |
| Lower   |     | 23.8 | 68.8  |
| Upper   |     | 35.6 | 103.2 |

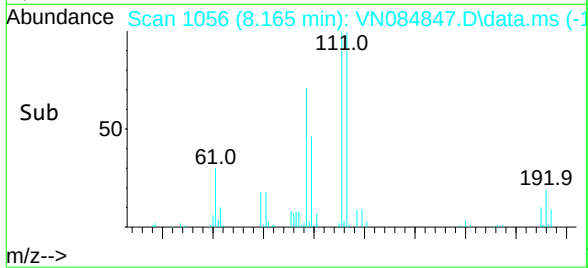
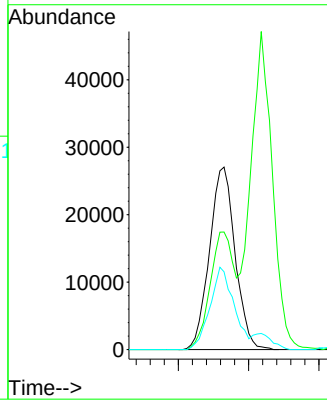
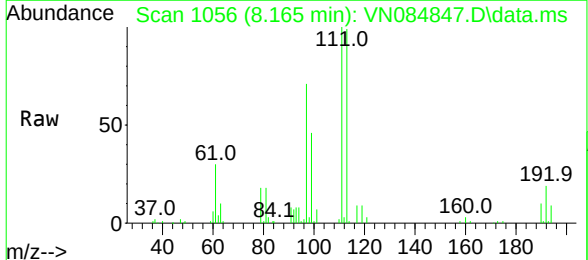
Manual Integrations  
APPROVED

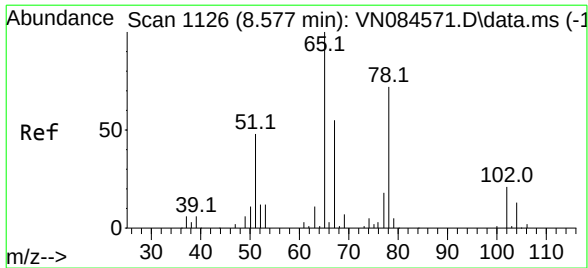
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#32  
1,1,1-Trichloroethane  
Concen: 20.830 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

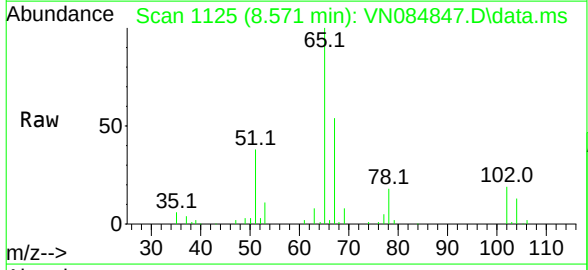
| Tgt Ion | 97  | 99   | 61   |
|---------|-----|------|------|
| Ratio   | 100 | 59.4 | 42.3 |
| Lower   |     | 51.2 | 37.5 |
| Upper   |     | 76.8 | 56.3 |





#33  
1,2-Dichloroethane-d4  
Concen: 49.558 ug/l  
RT: 8.571 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

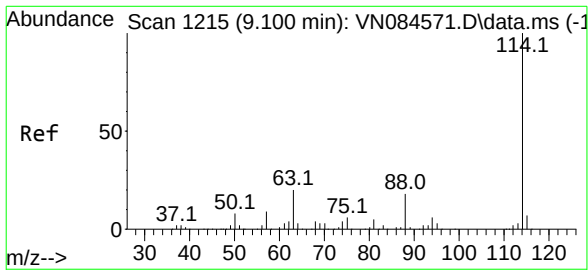
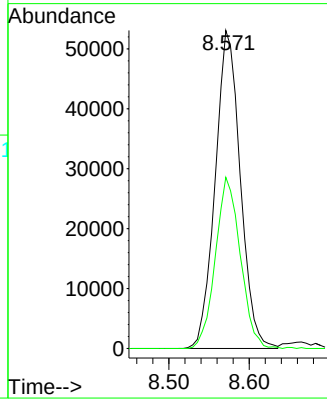
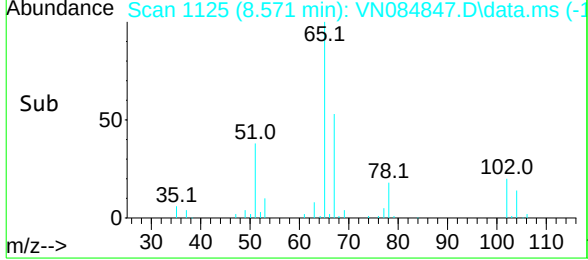
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02



Tgt Ion: 65 Resp: 115342  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 102.0

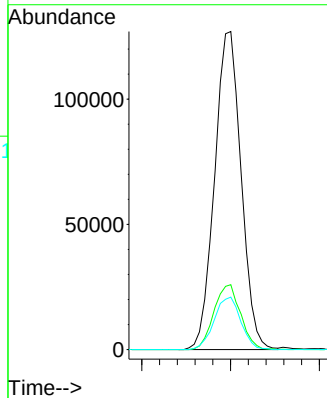
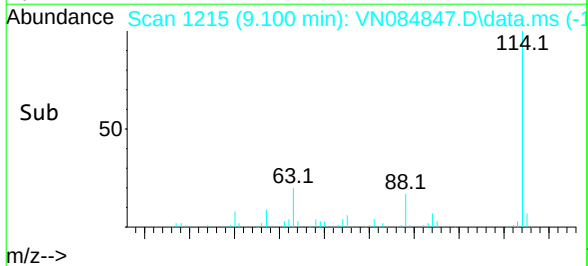
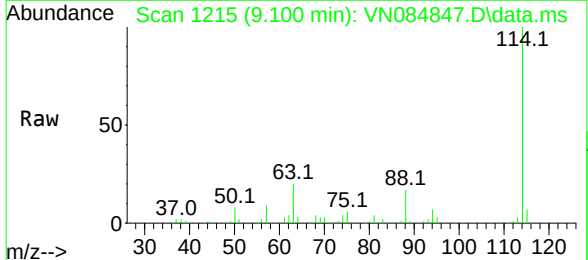
Manual Integrations  
APPROVED

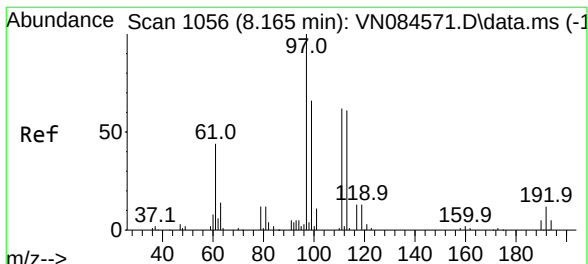
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion:114 Resp: 263729  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 43.8  
88 16.5 0.0 31.6



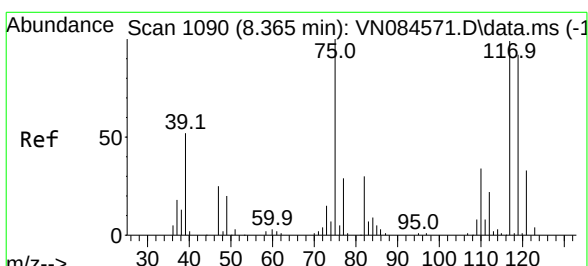
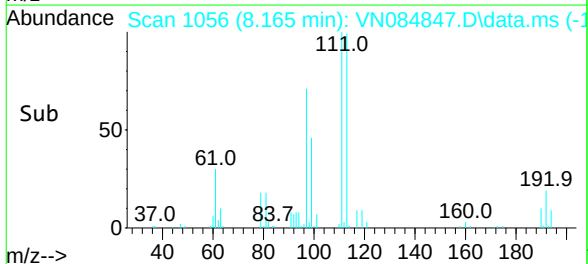
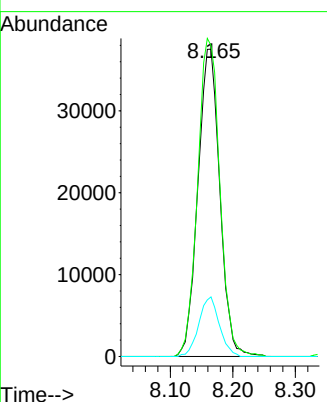
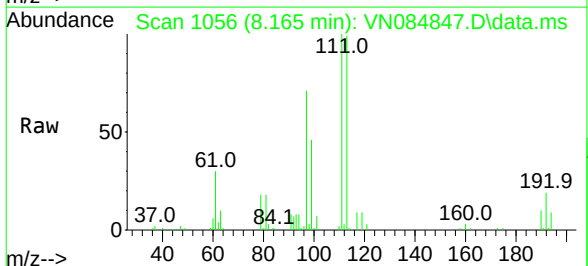


#35  
 Dibromofluoromethane  
 Concen: 51.246 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. 0.000 min  
 Lab File: VN084847.D  
 Acq: 14 Nov 2024 13:24

Instrument : MSVOA\_N  
 ClientSampleId : VN1114WBSD02

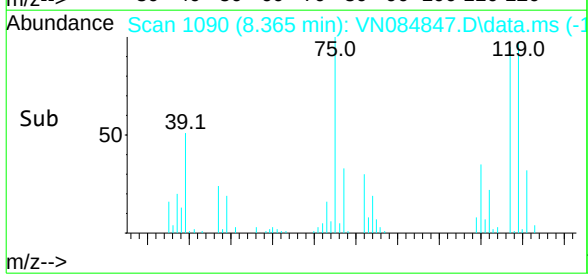
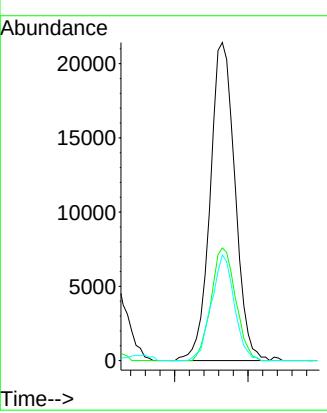
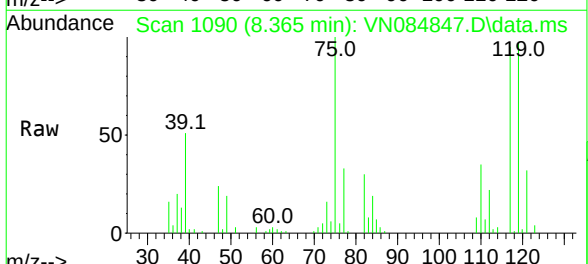
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 91480 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 105.0 | 83.3  | 124.9 |
| 192       | 18.2  | 13.5  | 20.3  |

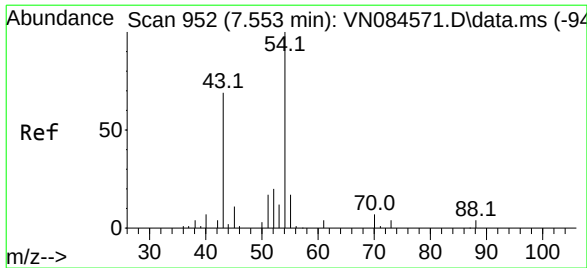
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 11/15/2024  
 Supervised By :Mahesh Dadoda 11/15/2024



#36  
 1,1-Dichloropropene  
 Concen: 20.329 ug/l  
 RT: 8.365 min Scan# 1090  
 Delta R.T. -0.006 min  
 Lab File: VN084847.D  
 Acq: 14 Nov 2024 13:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 50330 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 35.0  | 16.9  | 50.7  |
| 77        | 30.7  | 24.7  | 37.1  |





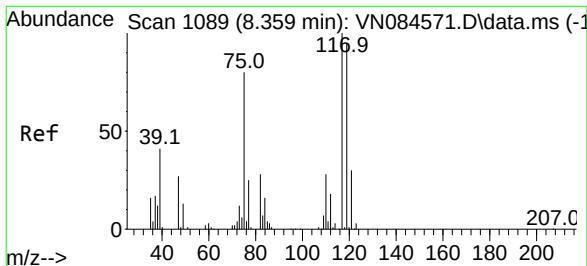
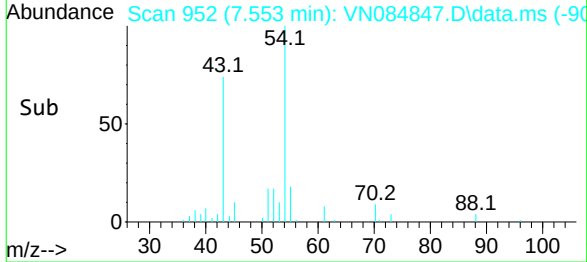
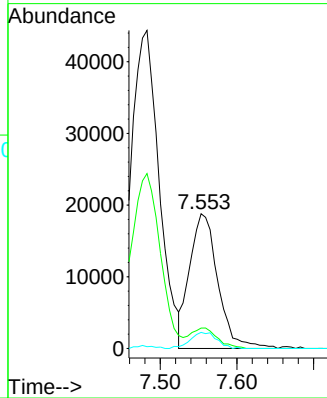
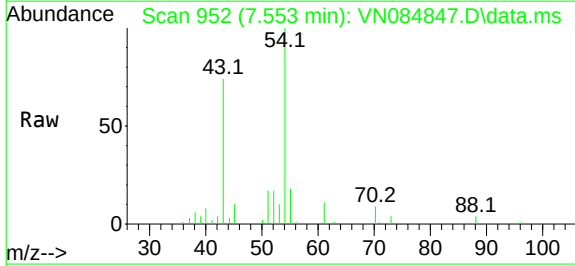
#37  
Ethyl Acetate  
Concen: 21.410 ug/l  
RT: 7.553 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion: 43 Resp: 48091  
Ion Ratio Lower Upper  
43 100  
61 14.5 10.7 16.1  
70 11.2 8.8 13.2

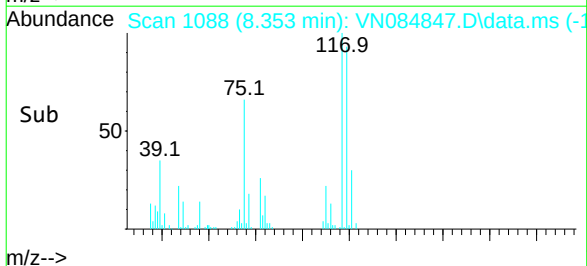
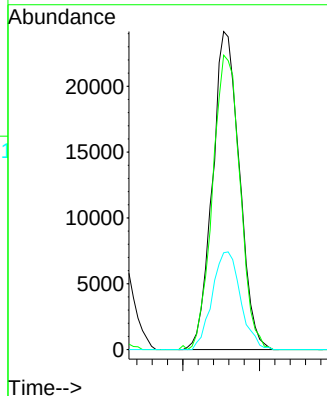
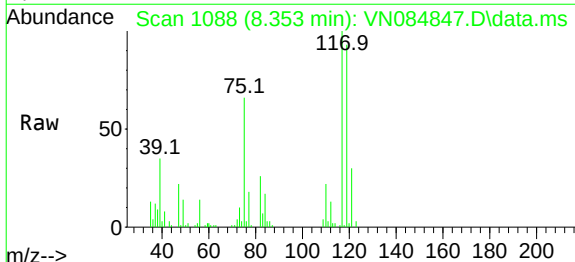
Manual Integrations  
APPROVED

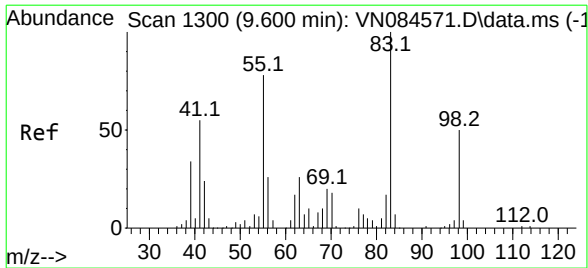
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#38  
Carbon Tetrachloride  
Concen: 21.318 ug/l  
RT: 8.353 min Scan# 1088  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

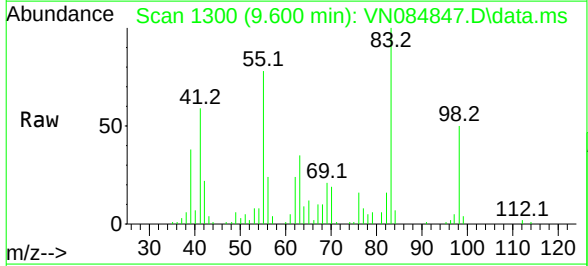
Tgt Ion:117 Resp: 58992  
Ion Ratio Lower Upper  
117 100  
119 92.6 78.7 118.1  
121 30.4 24.4 36.6





#39  
Methylcyclohexane  
Concen: 21.761 ug/l  
RT: 9.600 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

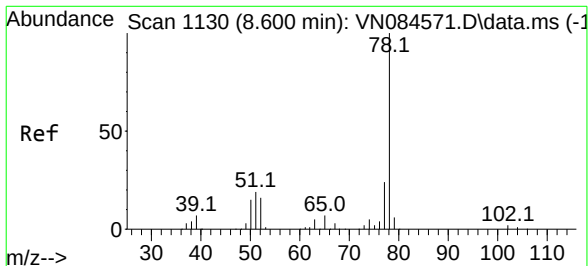
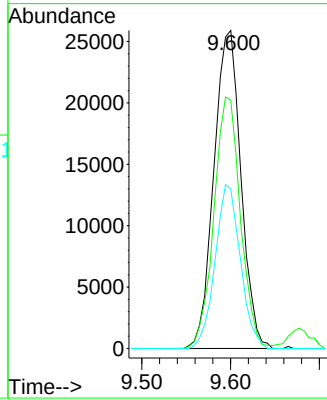
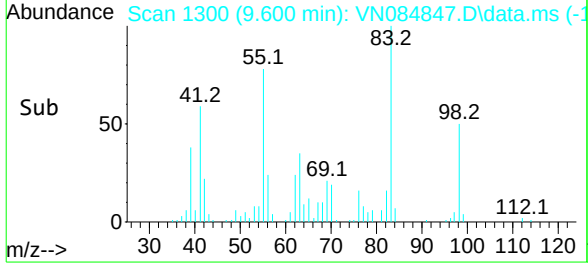
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02



Tgt Ion: 83 Resp: 54807  
Ion Ratio Lower Upper  
83 100  
55 78.1 62.8 94.2  
98 50.1 38.8 58.2

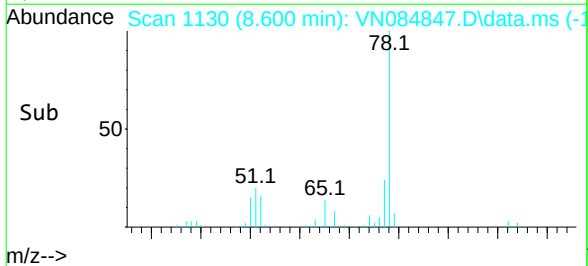
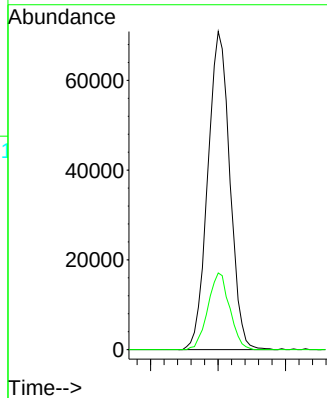
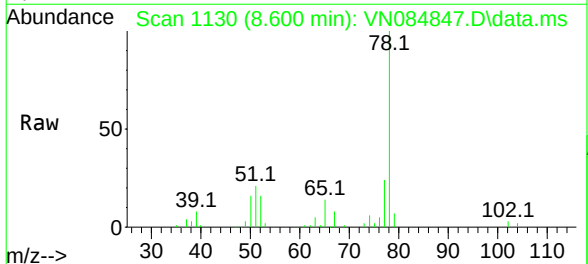
Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024

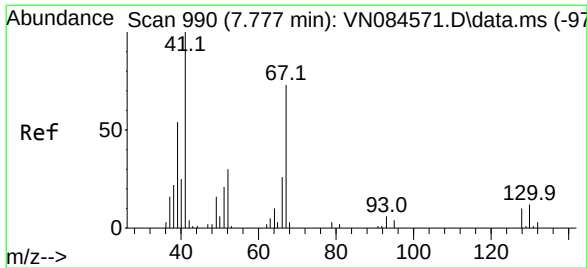


#40  
Benzene  
Concen: 20.257 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion: 78 Resp: 161059  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.1 28.7







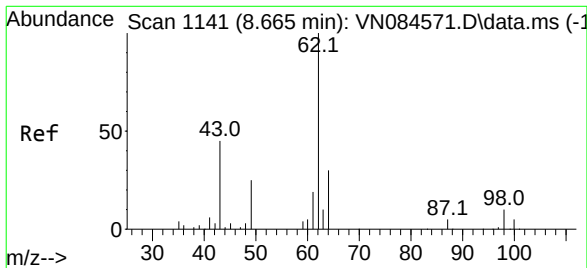
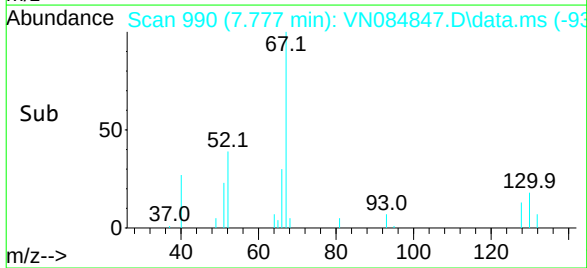
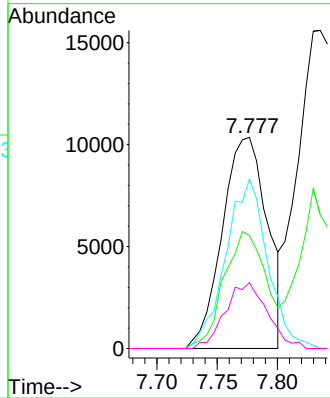
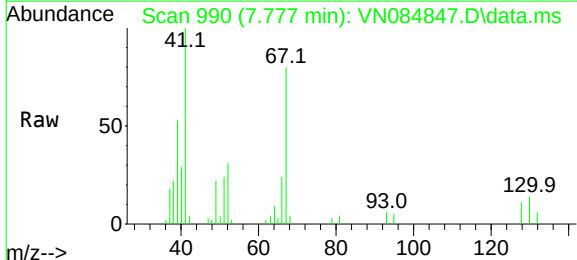
#41  
Methacrylonitrile  
Concen: 22.294 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 26930 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.6  | 43.3  | 64.9  |
| 67       | 74.6  | 56.1  | 84.1  |
| 52       | 29.1  | 24.5  | 36.7  |

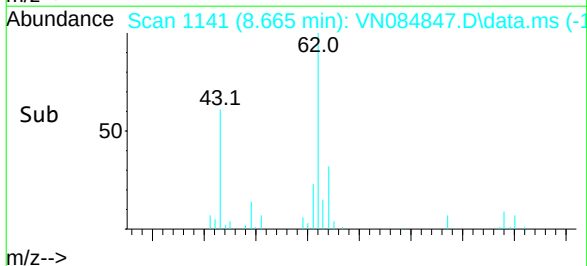
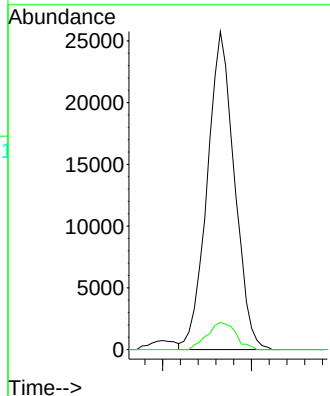
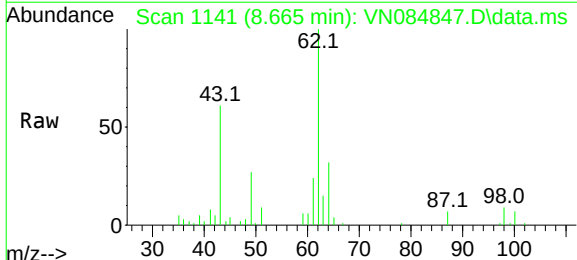
Manual Integrations  
APPROVED

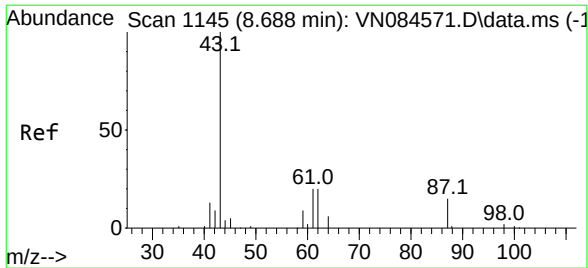
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#42  
1,2-Dichloroethane  
Concen: 21.311 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 54875 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.9   | 0.0   | 18.2  |





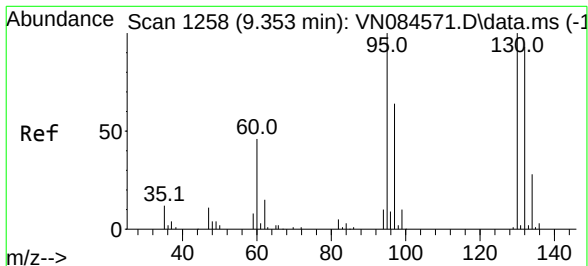
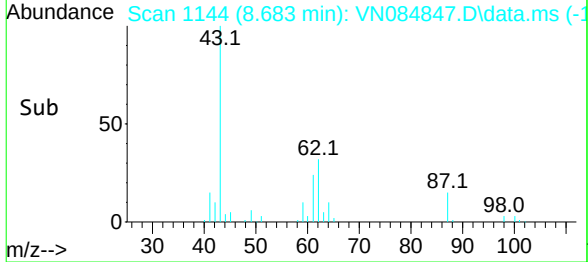
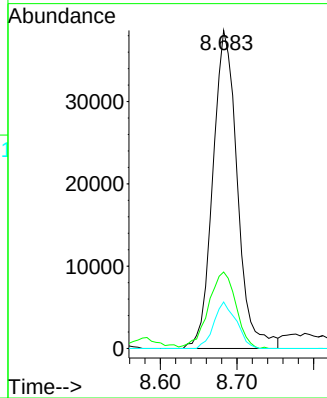
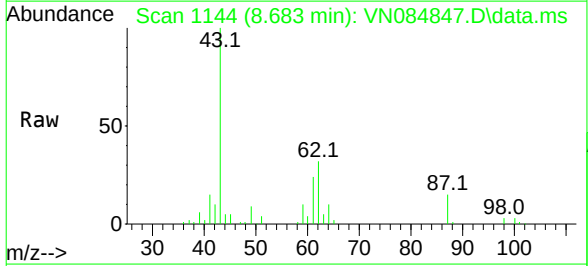
#43  
Isopropyl Acetate  
Concen: 20.118 ug/l  
RT: 8.683 min Scan# 1145  
Delta R.T. -0.005 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument : MSVOA\_N  
ClientSampleId : VN1114WBSD02

Tgt Ion: 43 Resp: 85877  
Ion Ratio Lower Upper  
43 100  
61 27.1 20.4 30.6  
87 13.4 10.3 15.5

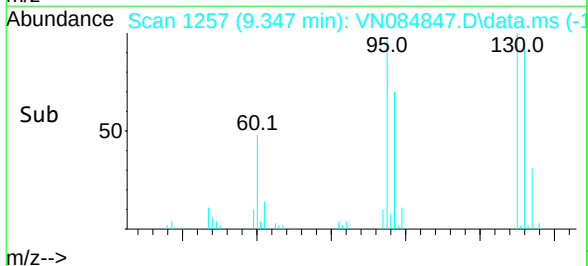
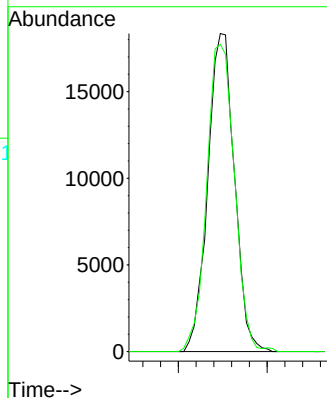
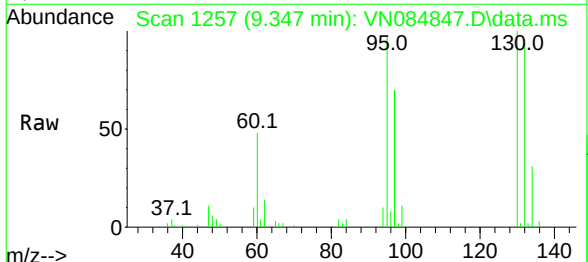
Manual Integrations  
APPROVED

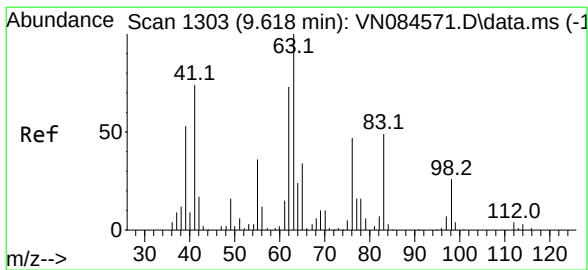
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#44  
Trichloroethene  
Concen: 20.845 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion:130 Resp: 38223  
Ion Ratio Lower Upper  
130 100  
95 96.6 0.0 203.0





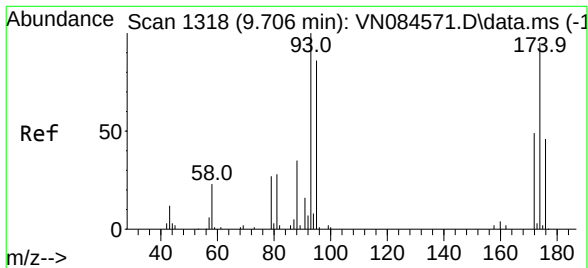
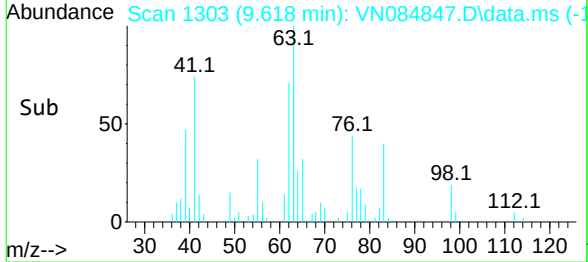
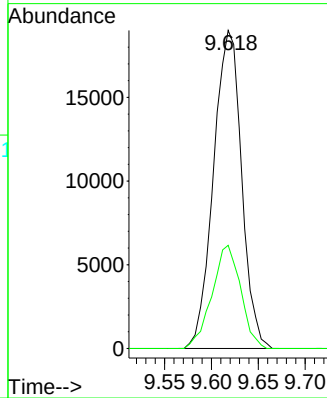
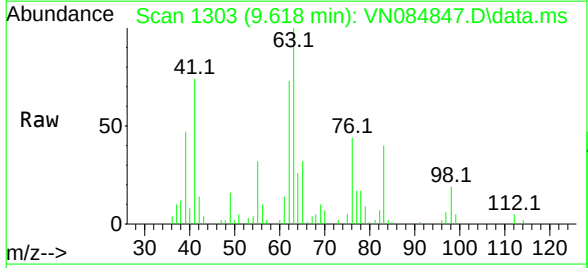
#45  
1,2-Dichloropropane  
Concen: 21.246 ug/l  
RT: 9.618 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion: 63 Resp: 39625  
Ion Ratio Lower Upper  
63 100  
65 32.4 24.6 37.0

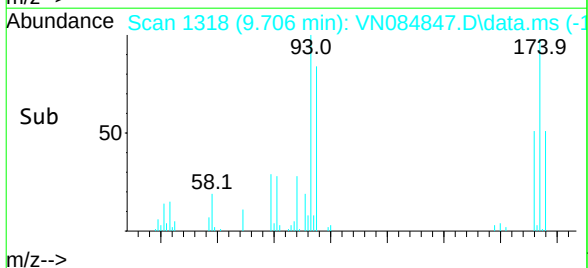
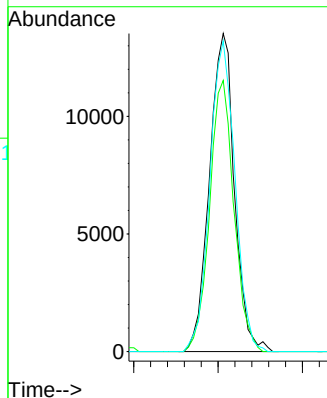
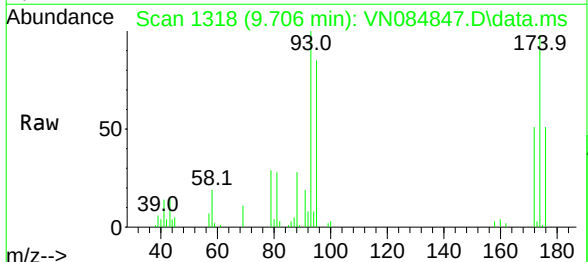
Manual Integrations  
APPROVED

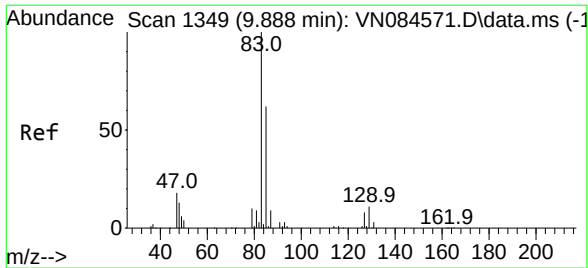
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#46  
Dibromomethane  
Concen: 21.189 ug/l  
RT: 9.706 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion: 93 Resp: 27887  
Ion Ratio Lower Upper  
93 100  
95 83.0 65.0 97.4  
174 97.9 71.8 107.8





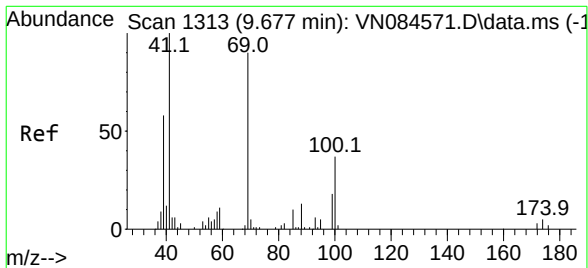
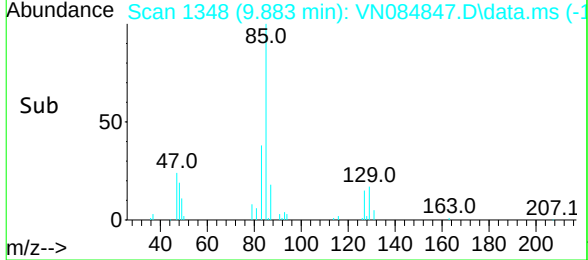
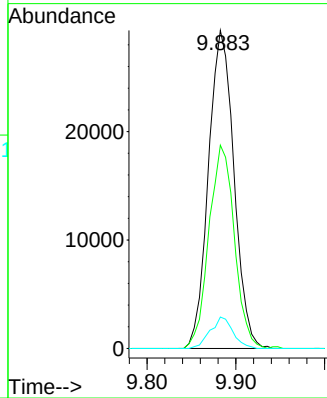
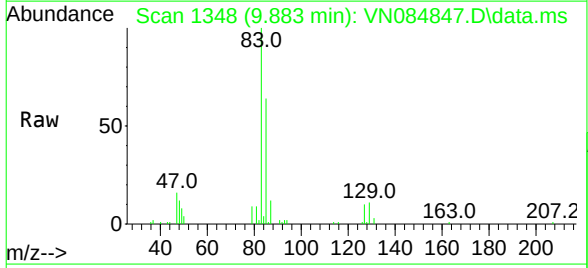
#47  
Bromodichloromethane  
Concen: 21.101 ug/l  
RT: 9.883 min Scan# 1349  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

| Tgt Ion | 83    | Resp  | 58538 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 83      | 100   |       |       |
| 85      | 63.9  | 51.5  | 77.3  |
| 127     | 9.9   | 5.7   | 8.5   |

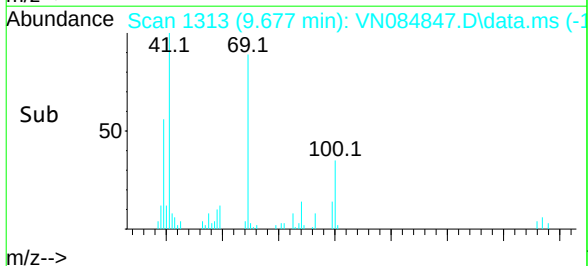
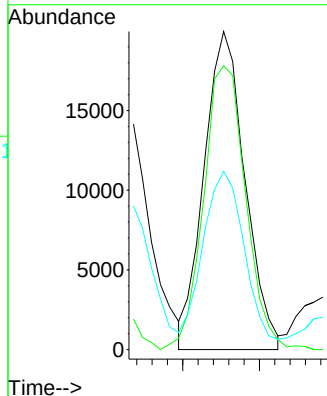
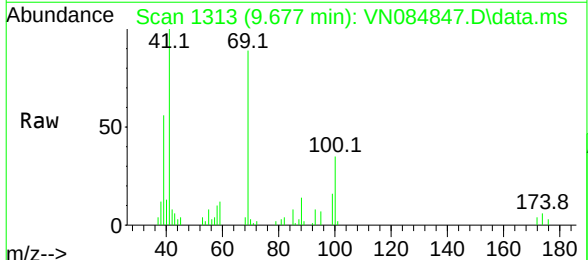
Manual Integrations  
APPROVED

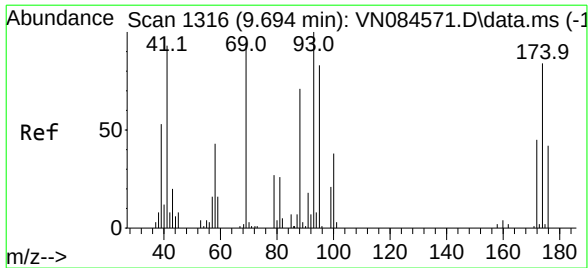
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#48  
Methyl methacrylate  
Concen: 21.183 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

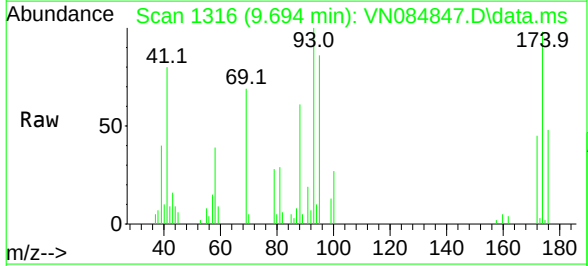
| Tgt Ion | 41    | Resp  | 37031 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 69      | 91.6  | 67.1  | 100.7 |
| 39      | 57.8  | 45.8  | 68.6  |





#49  
1,4-Dioxane  
Concen: 439.009 ug/l  
RT: 9.694 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

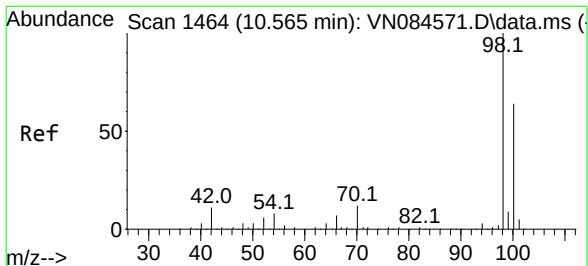
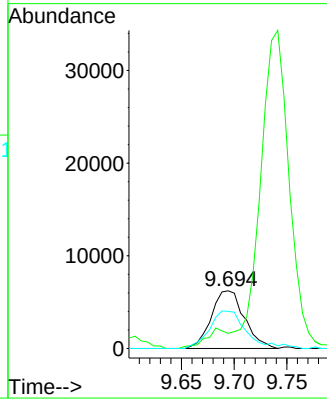
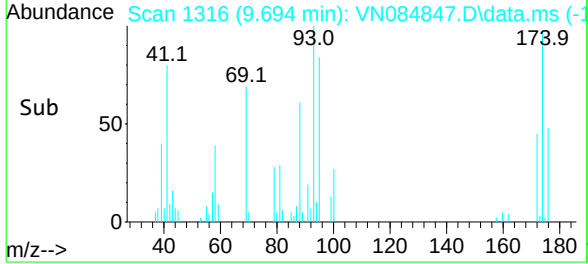
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02



Tgt Ion: 88 Resp: 13600  
Ion Ratio Lower Upper  
88 100  
43 23.2 25.3 37.9#  
58 72.5 56.4 84.6

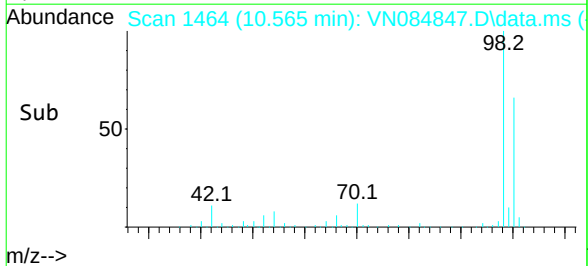
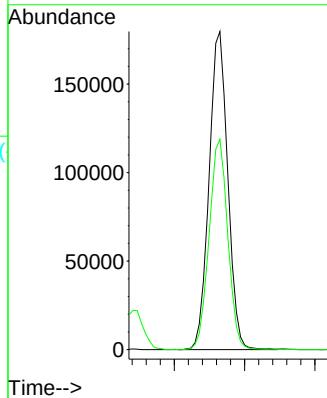
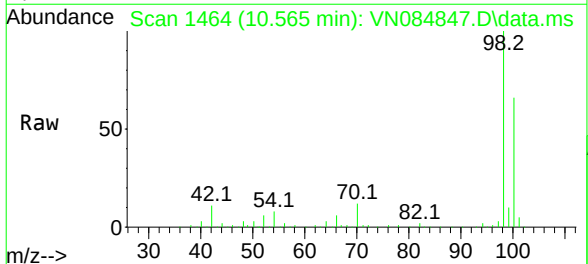
Manual Integrations  
APPROVED

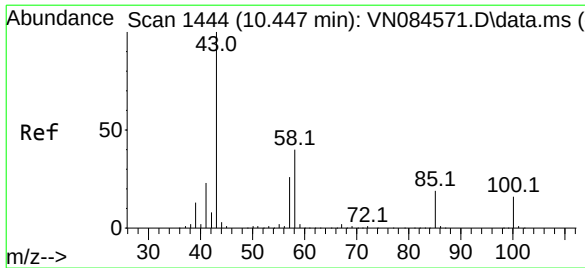
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#50  
Toluene-d8  
Concen: 50.464 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion: 98 Resp: 331841  
Ion Ratio Lower Upper  
98 100  
100 66.1 52.7 79.1





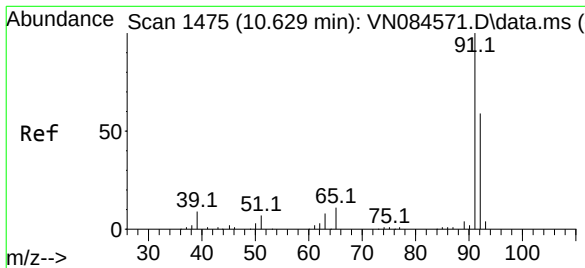
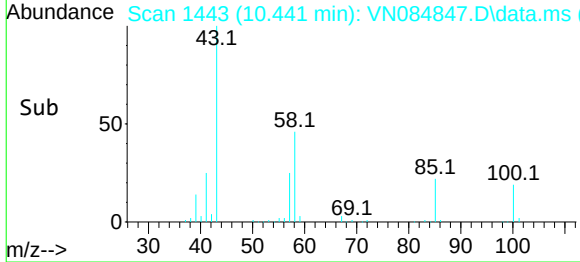
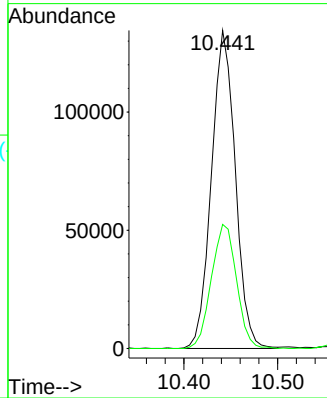
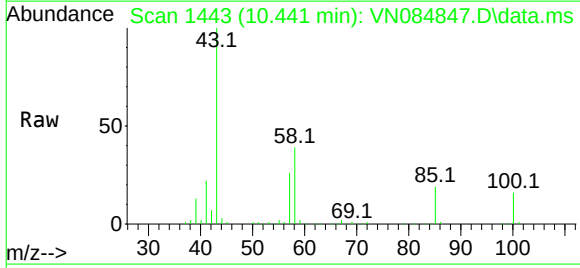
#51  
4-Methyl-2-Pentanone  
Concen: 110.992 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion: 43 Resp: 237670  
Ion Ratio Lower Upper  
43 100  
58 41.1 31.6 47.4

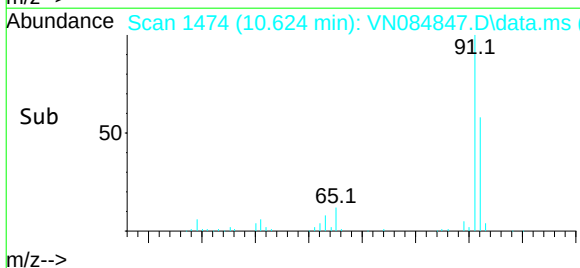
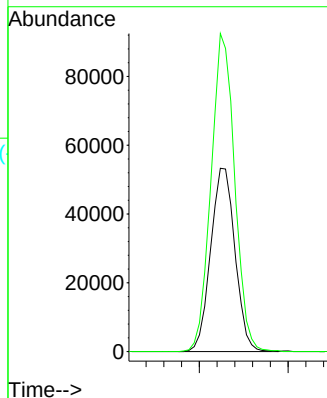
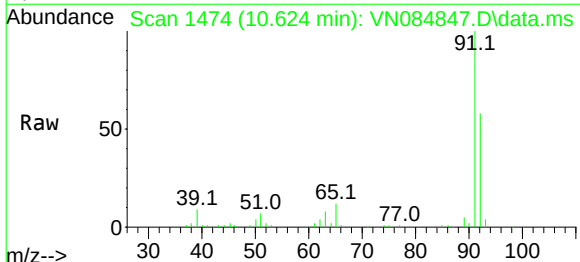
Manual Integrations  
APPROVED

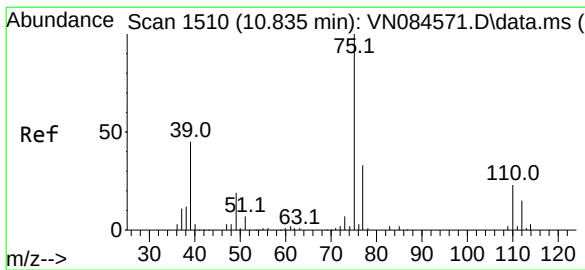
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#52  
Toluene  
Concen: 21.834 ug/l  
RT: 10.624 min Scan# 1474  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

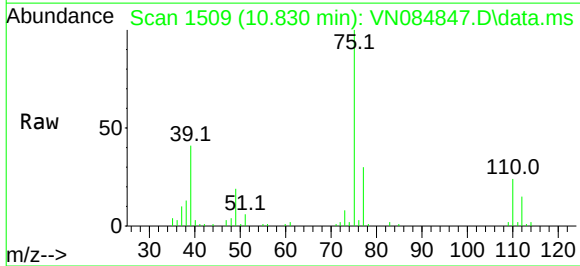
Tgt Ion: 92 Resp: 101527  
Ion Ratio Lower Upper  
92 100  
91 168.6 137.3 205.9





#53  
 t-1,3-Dichloropropene  
 Concen: 20.620 ug/l  
 RT: 10.830 min Scan# 1510  
 Delta R.T. -0.006 min  
 Lab File: VN084847.D  
 Acq: 14 Nov 2024 13:24

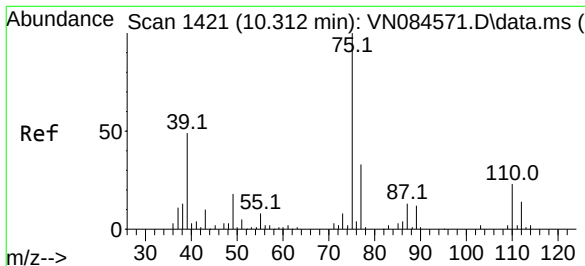
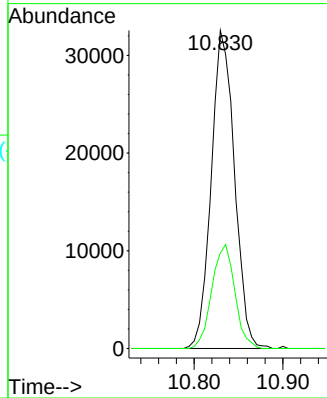
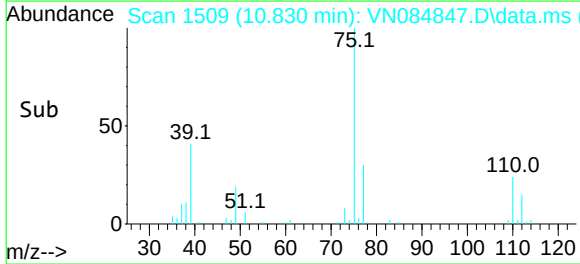
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1114WBSD02



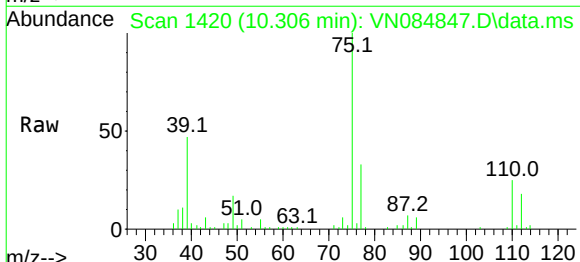
Tgt Ion: 75 Resp: 59212  
 Ion Ratio Lower Upper  
 75 100  
 77 30.0 25.4 38.0

Manual Integrations  
 APPROVED

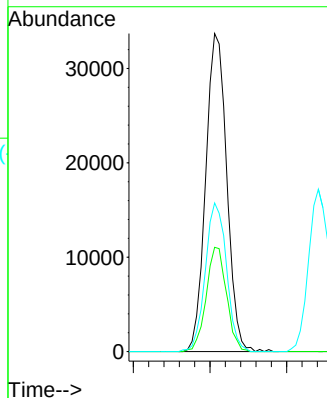
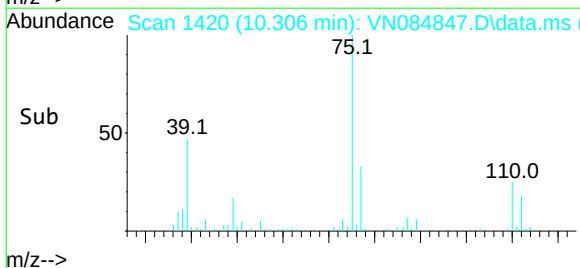
Reviewed By :John Carlone 11/15/2024  
 Supervised By :Mahesh Dadoda 11/15/2024

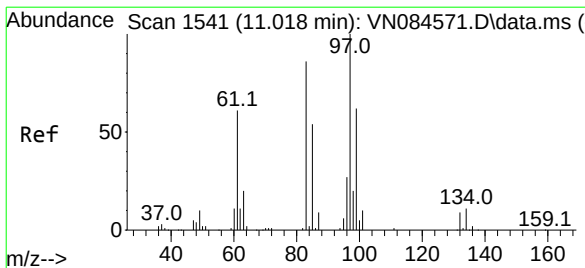


#54  
 cis-1,3-Dichloropropene  
 Concen: 21.146 ug/l  
 RT: 10.306 min Scan# 1420  
 Delta R.T. -0.006 min  
 Lab File: VN084847.D  
 Acq: 14 Nov 2024 13:24



Tgt Ion: 75 Resp: 64268  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 24.2 36.2  
 39 46.7 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 21.209 ug/l

RT: 11.012 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1114WBSD02

Tgt Ion: 97 Resp: 37149

Ion Ratio Lower Upper

97 100

83 85.8 71.0 106.4

85 52.5 41.7 62.5

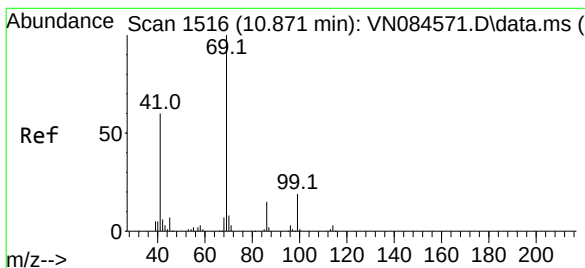
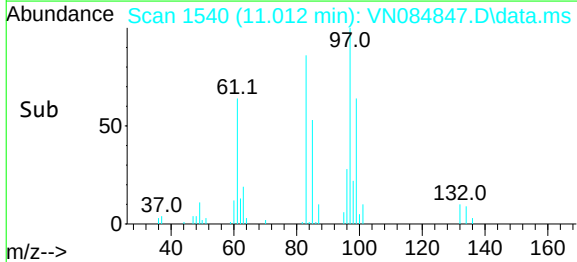
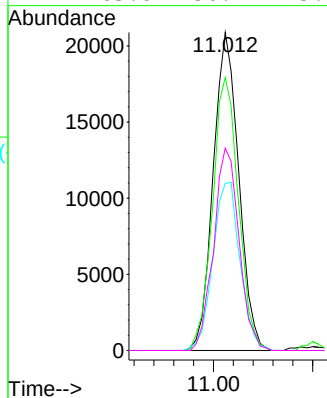
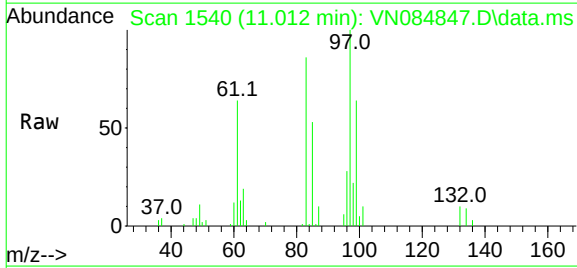
99 63.6 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#56

Ethyl methacrylate

Concen: 23.138 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

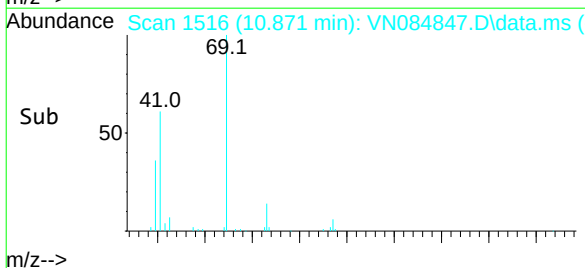
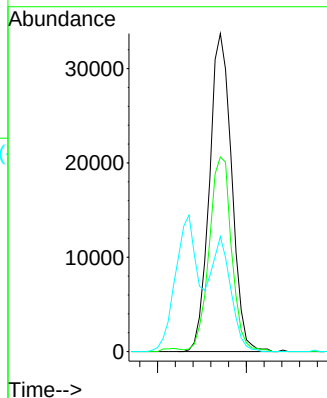
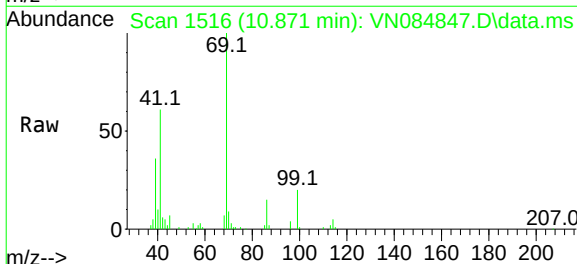
Tgt Ion: 69 Resp: 58624

Ion Ratio Lower Upper

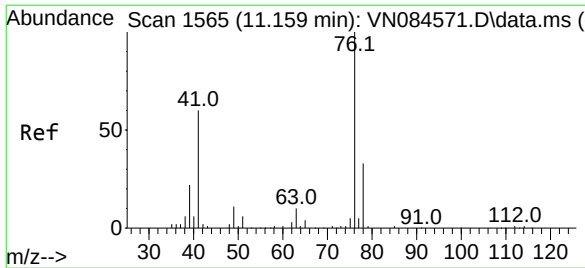
69 100

41 61.9 53.3 79.9

39 31.9 28.8 43.2







#57

1,3-Dichloropropane

Concen: 21.387 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1114WBSD02

Tgt Ion: 76 Resp: 64292

Ion Ratio Lower Upper

76 100

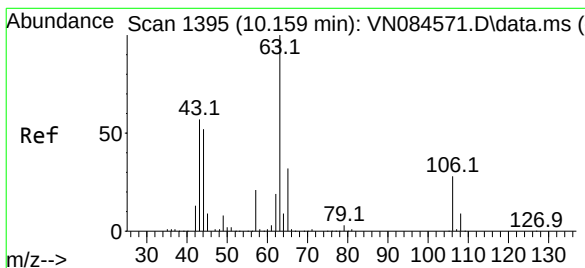
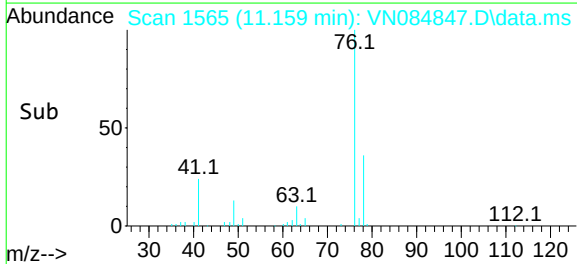
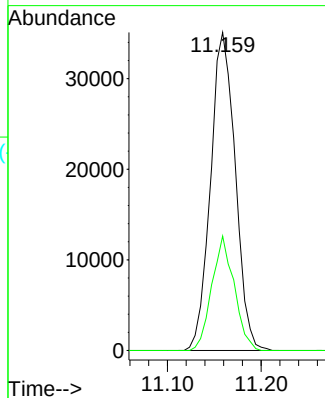
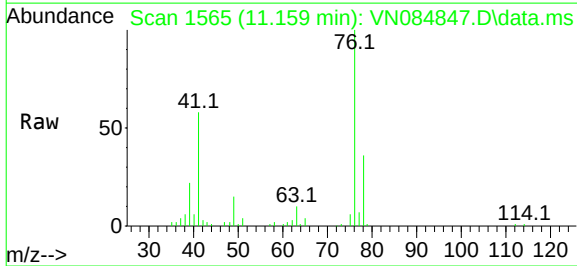
78 32.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 109.846 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084847.D

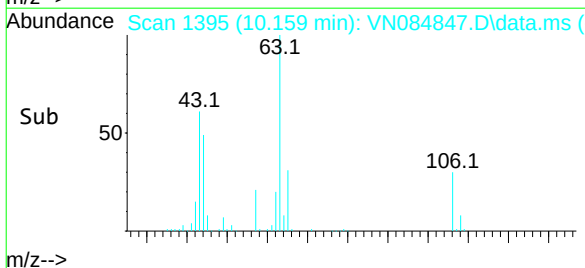
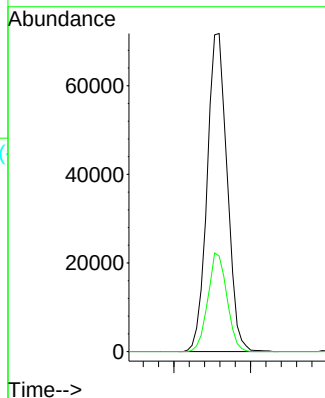
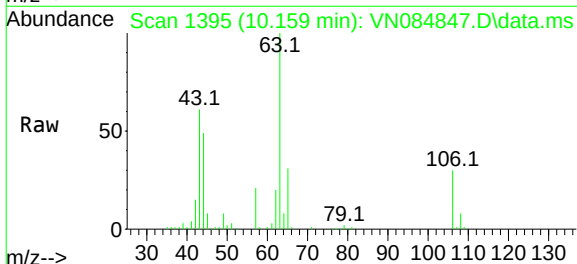
Acq: 14 Nov 2024 13:24

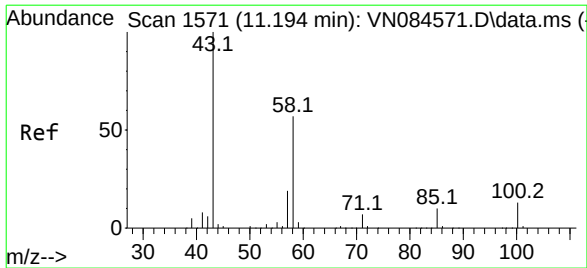
Tgt Ion: 63 Resp: 130230

Ion Ratio Lower Upper

63 100

106 29.4 21.8 32.6





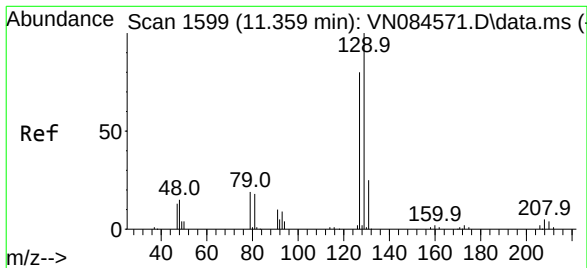
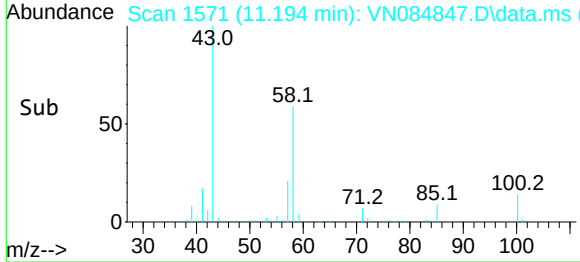
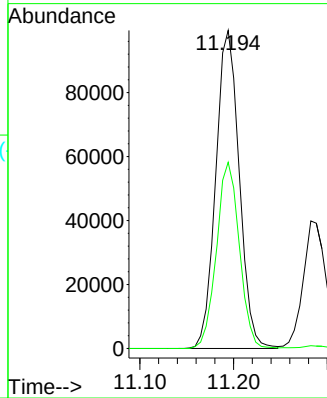
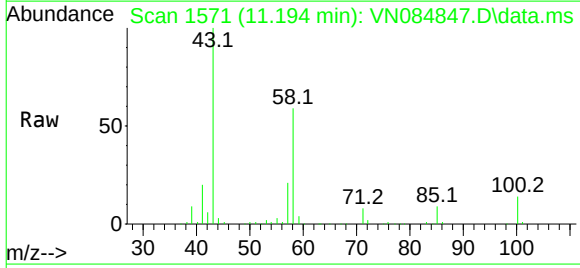
#59  
2-Hexanone  
Concen: 111.006 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion: 43 Resp: 173018  
Ion Ratio Lower Upper  
43 100  
58 57.2 27.3 81.8

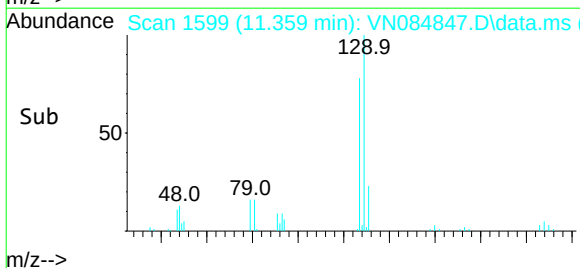
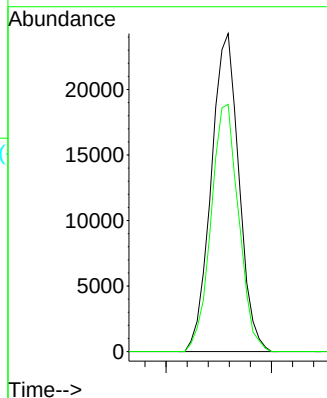
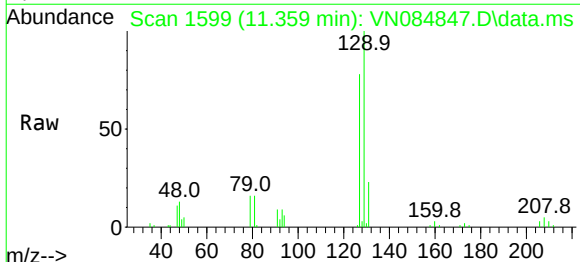
Manual Integrations  
APPROVED

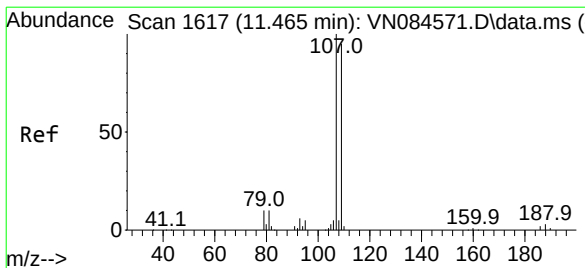
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#60  
Dibromochloromethane  
Concen: 22.222 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion:129 Resp: 44362  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.3 114.9





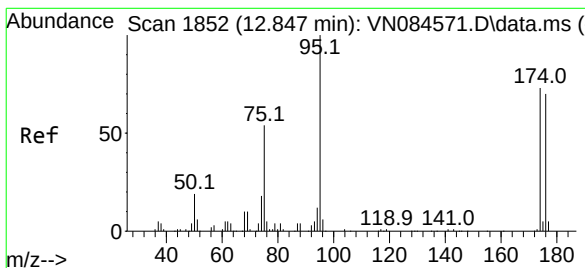
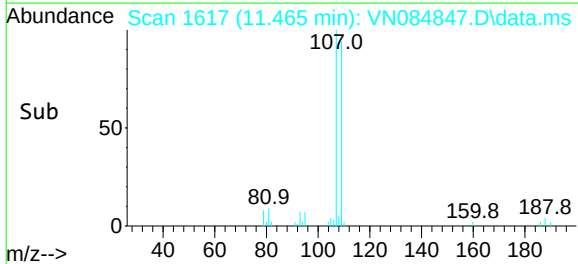
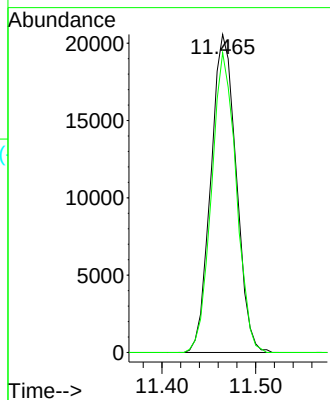
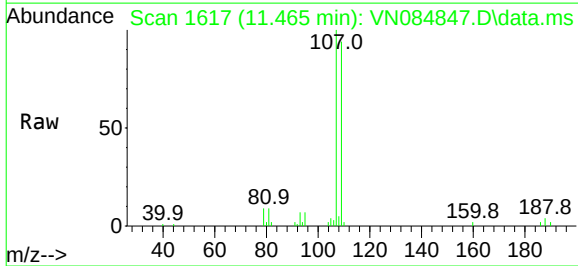
#61  
1,2-Dibromoethane  
Concen: 21.535 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion: 107 Resp: 38628  
Ion Ratio Lower Upper  
107 100  
109 91.9 75.4 113.0

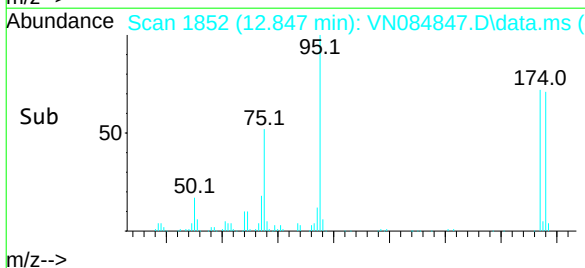
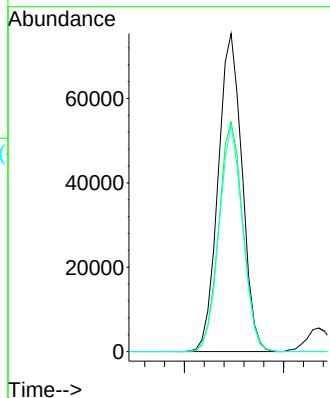
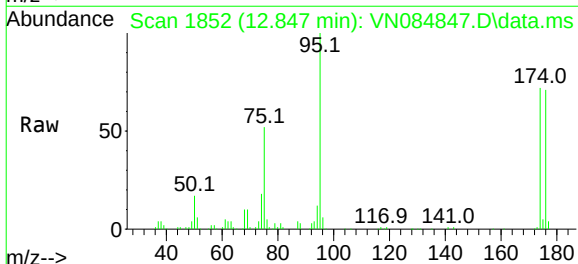
Manual Integrations  
APPROVED

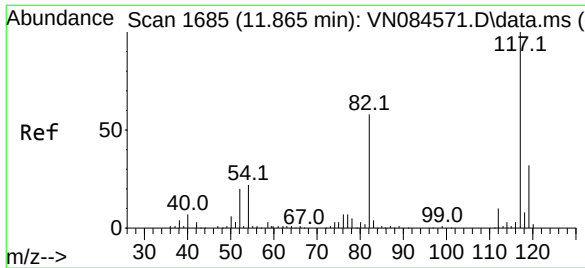
Reviewed By : John Carlone 11/15/2024  
Supervised By : Mahesh Dadoda 11/15/2024



#62  
4-Bromofluorobenzene  
Concen: 51.391 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion: 95 Resp: 126298  
Ion Ratio Lower Upper  
95 100  
174 72.9 0.0 145.2  
176 70.1 0.0 140.0





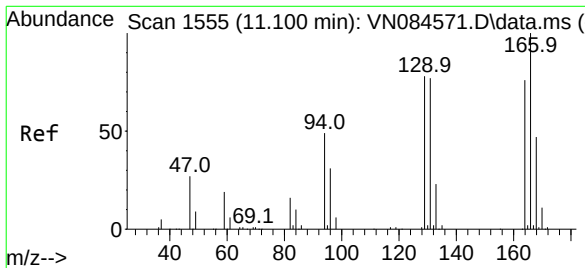
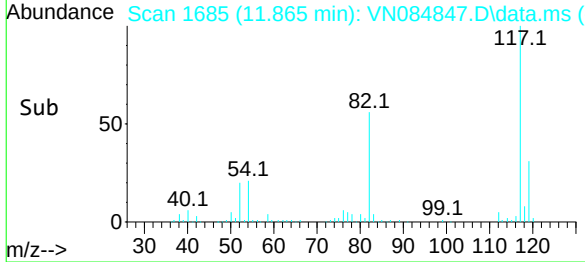
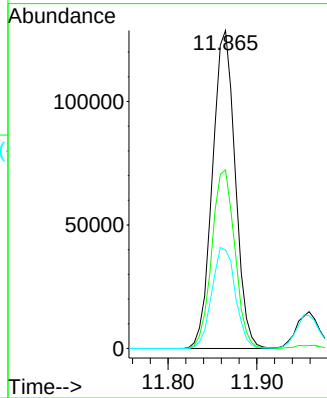
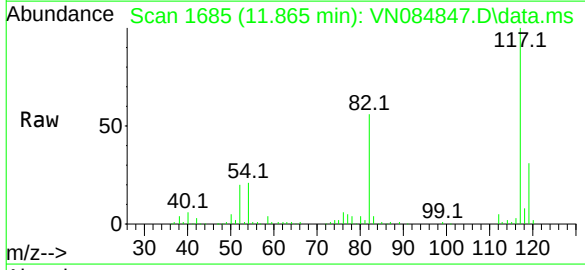
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion:117 Resp: 229436  
Ion Ratio Lower Upper  
117 100  
82 56.2 47.2 70.8  
119 31.0 25.4 38.0

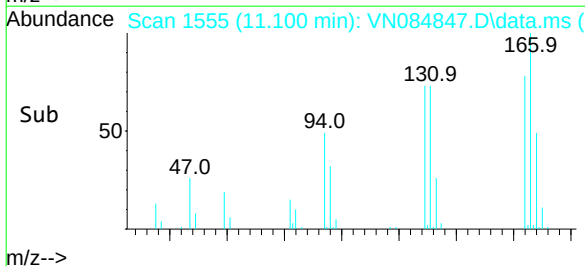
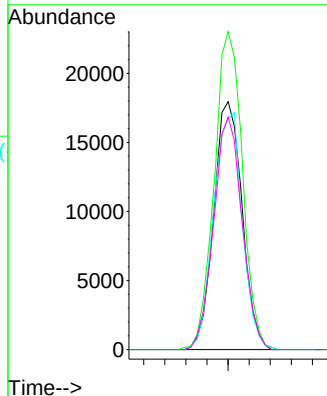
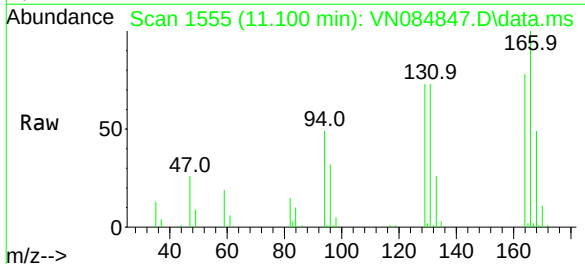
Manual Integrations  
APPROVED

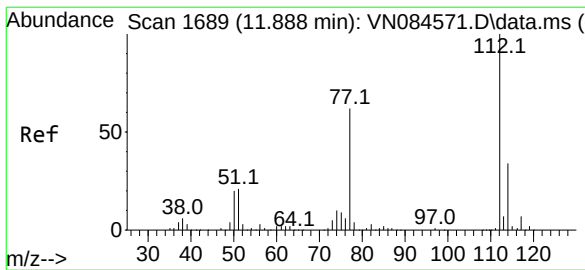
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#64  
Tetrachloroethene  
Concen: 21.942 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion:164 Resp: 33486  
Ion Ratio Lower Upper  
164 100  
166 128.3 101.0 151.4  
129 93.2 80.8 121.2  
131 93.8 78.1 117.1





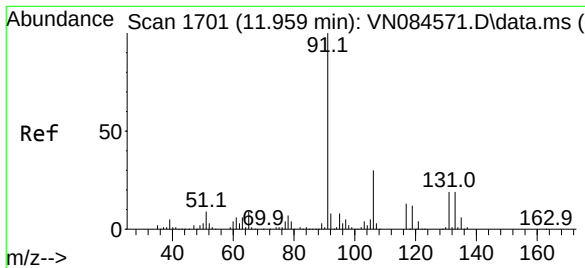
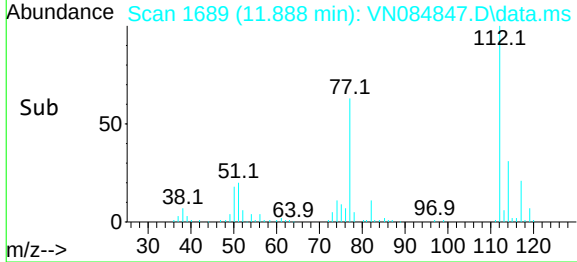
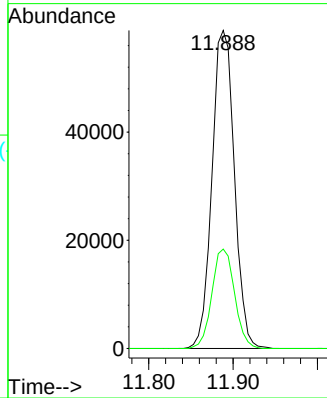
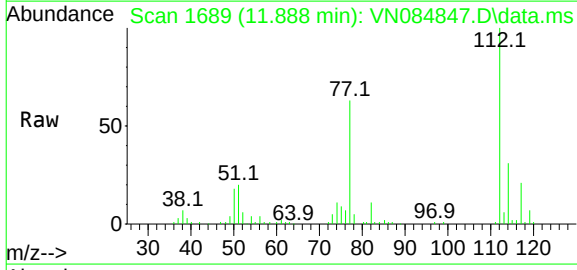
#65  
Chlorobenzene  
Concen: 21.094 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion:112 Resp: 108271  
Ion Ratio Lower Upper  
112 100  
114 31.3 27.0 40.6

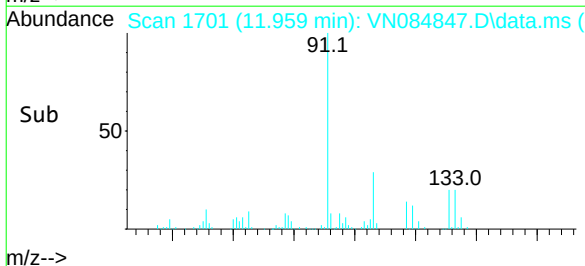
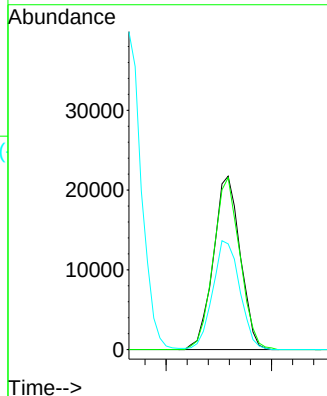
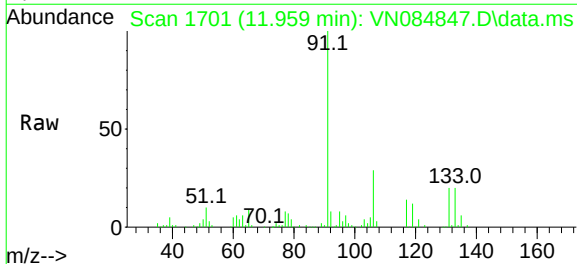
Manual Integrations  
APPROVED

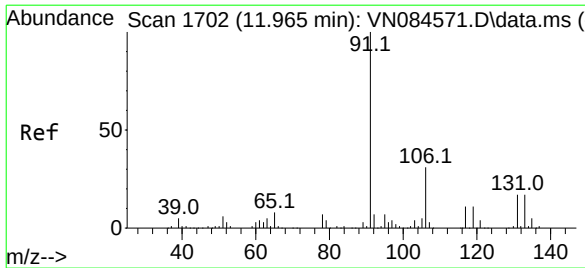
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.596 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion:131 Resp: 38558  
Ion Ratio Lower Upper  
131 100  
133 97.7 47.9 143.7  
119 63.4 32.8 98.3





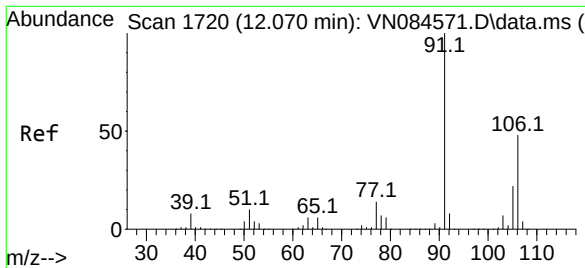
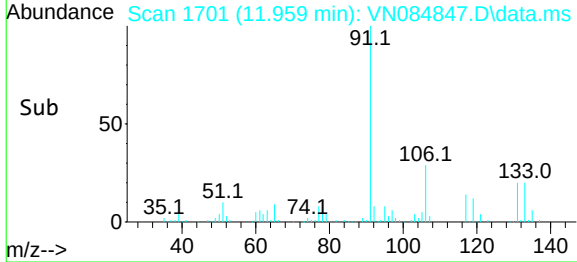
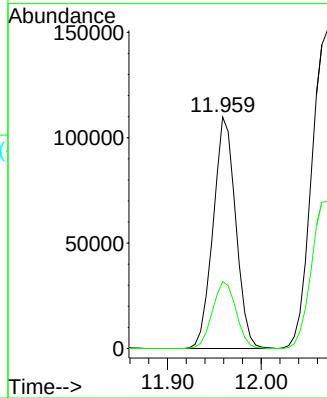
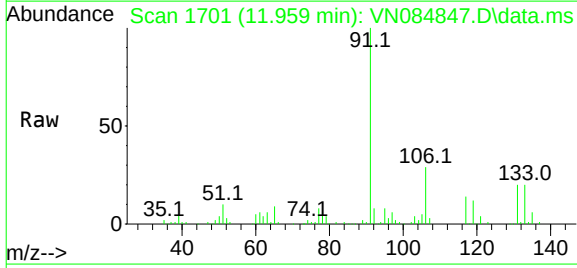
#67  
Ethyl Benzene  
Concen: 21.404 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion: 91 Resp: 183387  
Ion Ratio Lower Upper  
91 100  
106 28.9 24.5 36.7

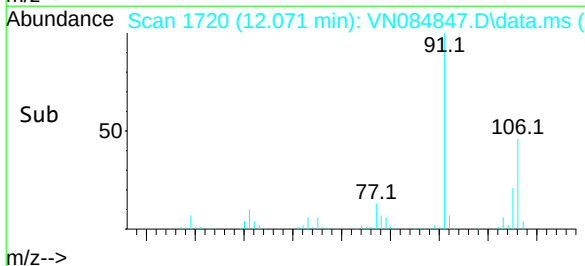
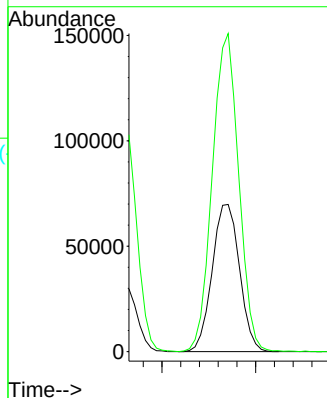
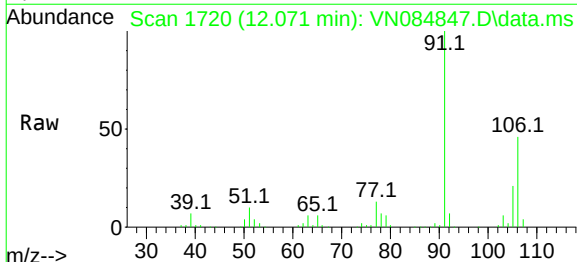
Manual Integrations  
APPROVED

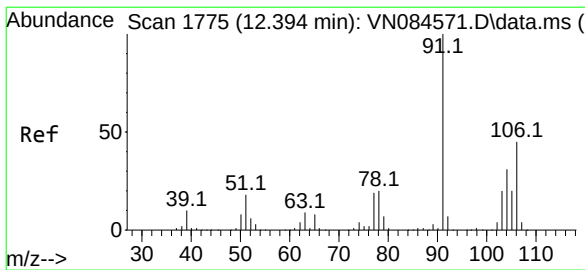
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#68  
m/p-Xylenes  
Concen: 43.585 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion:106 Resp: 141376  
Ion Ratio Lower Upper  
106 100  
91 208.5 167.1 250.7





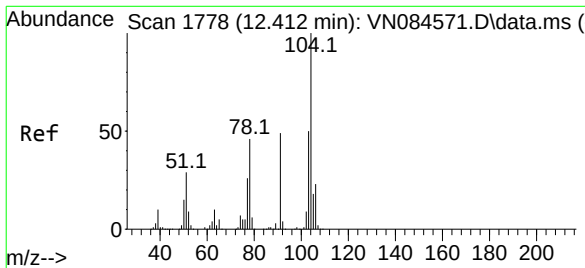
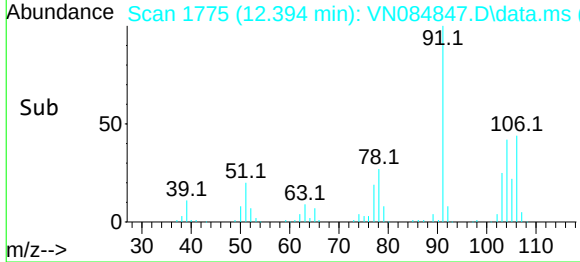
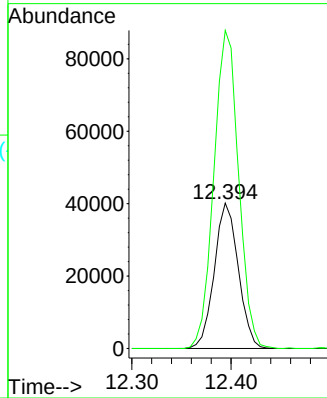
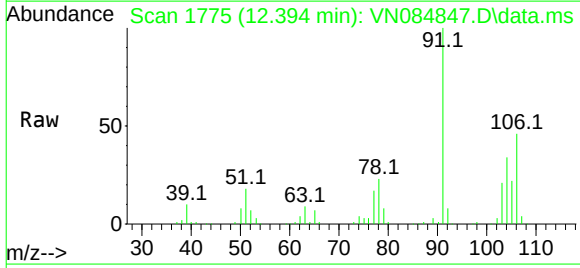
#69  
o-Xylene  
Concen: 22.194 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion:106 Resp: 67347  
Ion Ratio Lower Upper  
106 100  
91 225.6 110.2 330.6

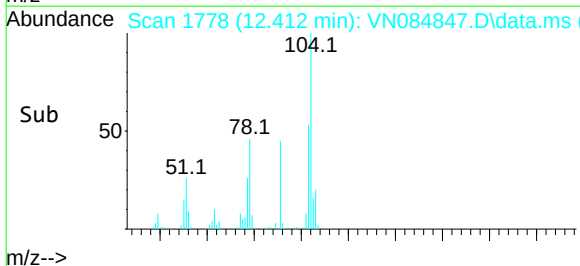
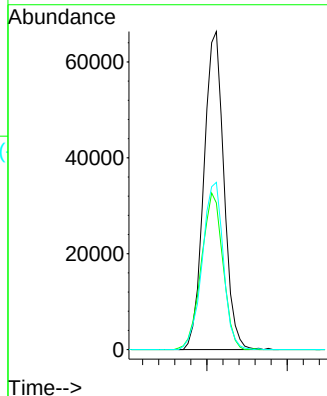
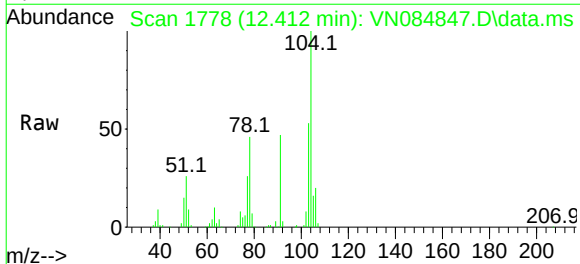
Manual Integrations  
APPROVED

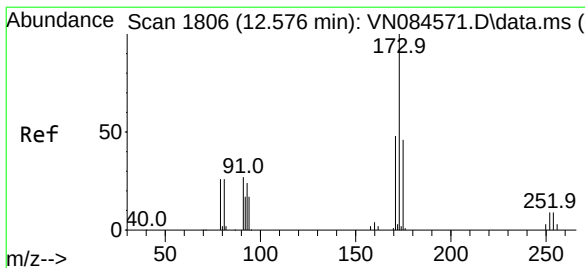
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#70  
Styrene  
Concen: 21.737 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion:104 Resp: 115059  
Ion Ratio Lower Upper  
104 100  
78 52.9 42.7 64.1  
103 55.2 43.6 65.4





#71

Bromoform

Concen: 21.577 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

Instrument :

MSVOA\_N

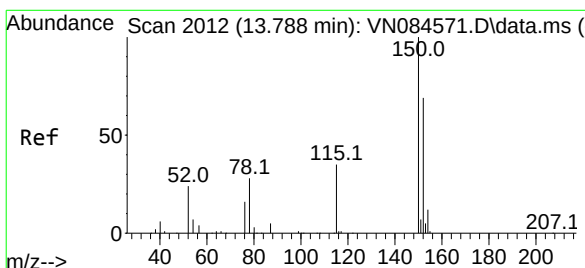
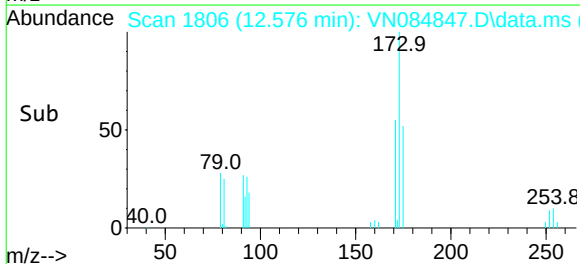
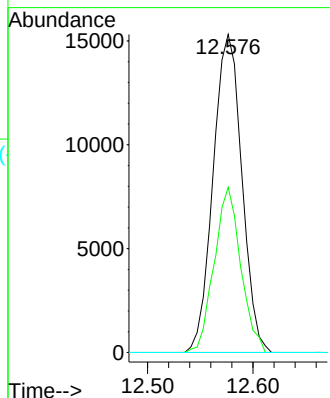
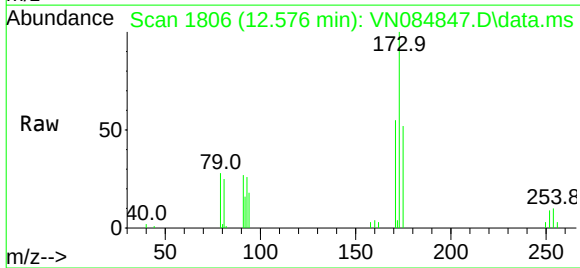
ClientSampleId :

VN1114WBSD02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 28987 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.0  | 23.5  | 70.6  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

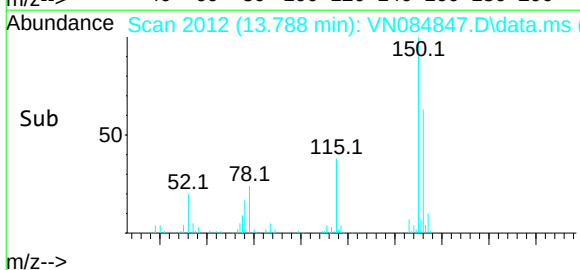
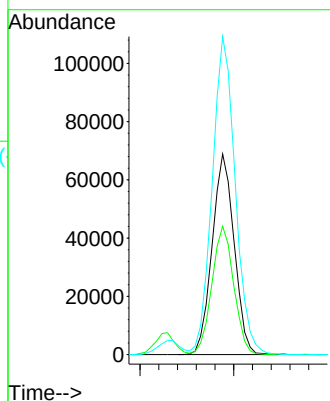
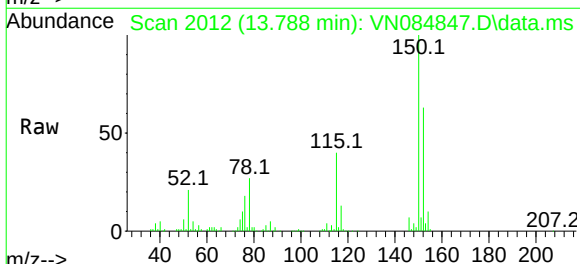
RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

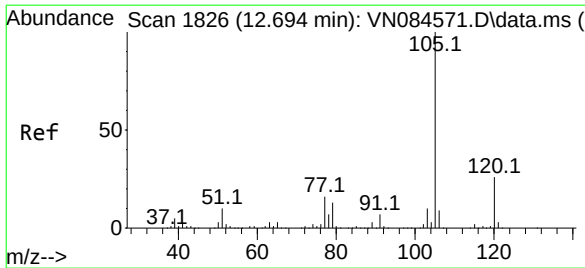
Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 112382 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 63.5  | 31.3  | 93.9   |
| 150       | 166.0 | 0.0   | 349.8  |







#73

Isopropylbenzene

Concen: 21.801 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

Instrument :

MSVOA\_N

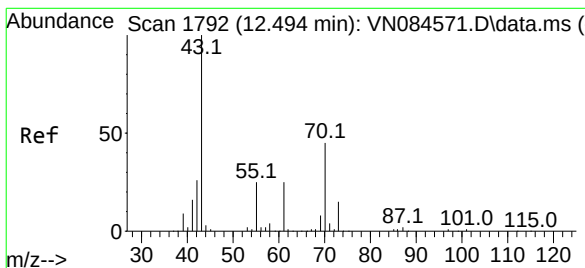
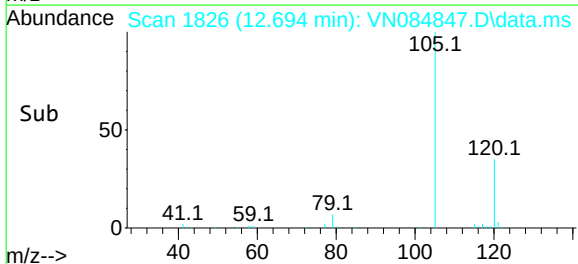
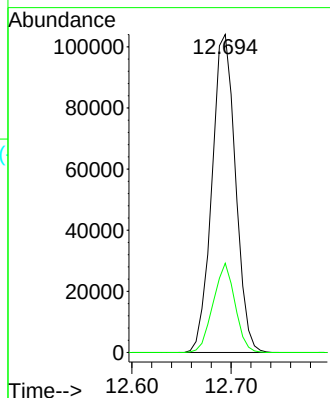
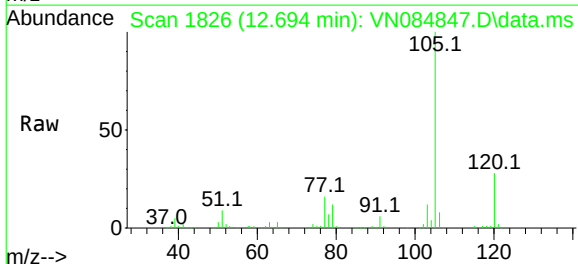
ClientSampleId :

VN1114WBSD02

Tgt Ion: 105 Resp: 171691  
 Ion Ratio Lower Upper  
 105 100  
 120 26.0 12.9 38.7

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 11/15/2024  
 Supervised By :Mahesh Dadoda 11/15/2024



#74

N-ethyl acetate

Concen: 20.982 ug/l

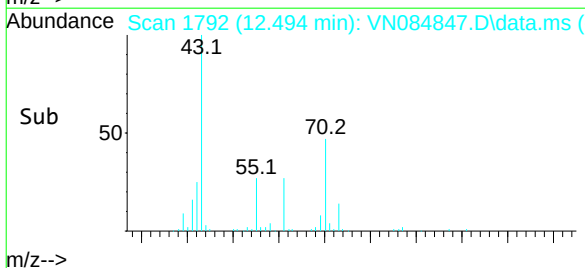
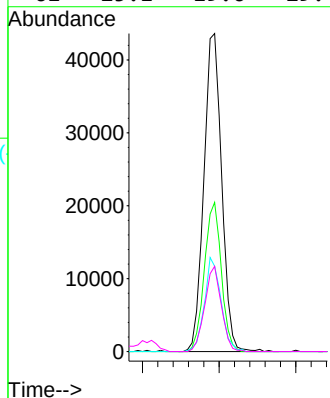
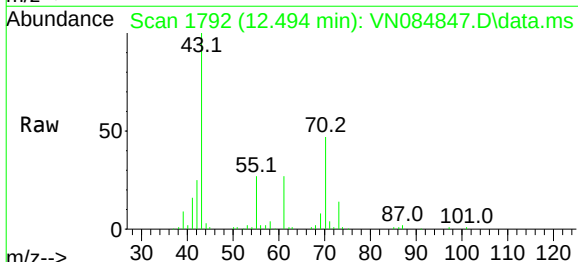
RT: 12.494 min Scan# 1792

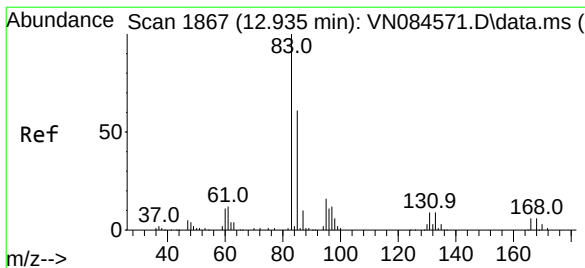
Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

Tgt Ion: 43 Resp: 70330  
 Ion Ratio Lower Upper  
 43 100  
 70 44.4 34.4 51.6  
 55 27.5 19.6 29.4  
 61 25.1 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.802 ug/l

RT: 12.935 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1114WBSD02

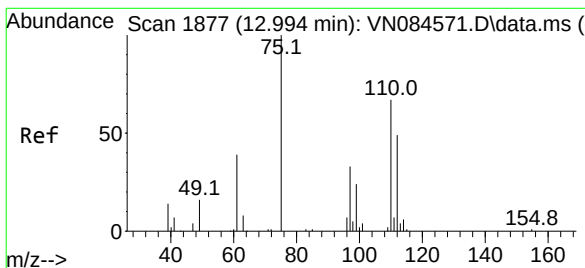
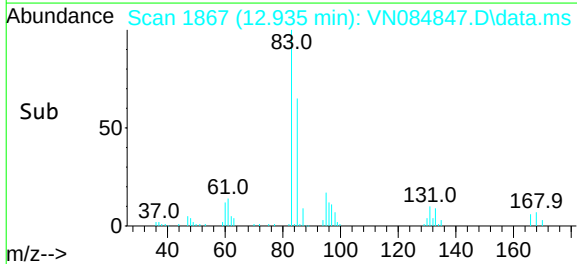
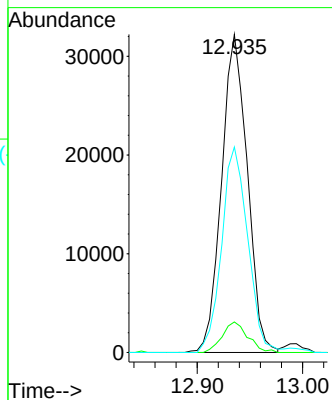
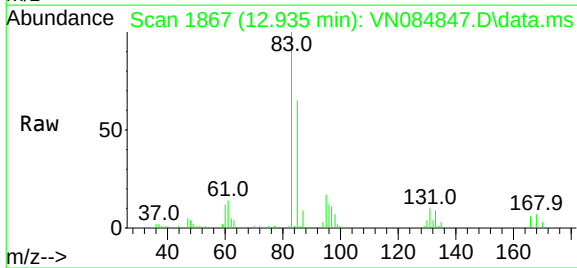
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 54683 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 9.6   | 4.9   | 14.7  |
| 85       | 65.6  | 31.9  | 95.7  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#76

1,2,3-Trichloropropane

Concen: 22.005 ug/l m

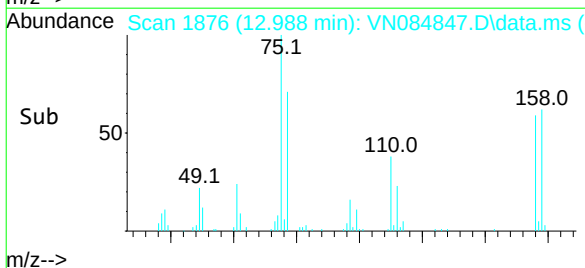
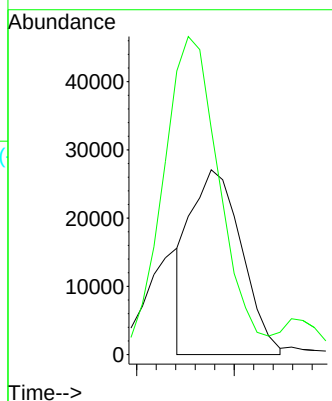
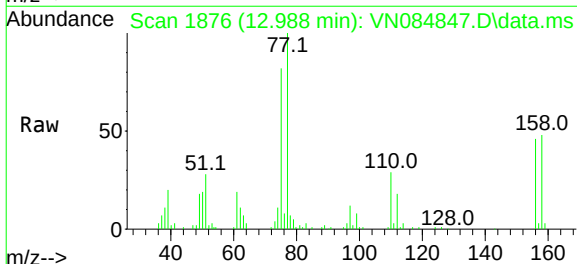
RT: 12.988 min Scan# 1876

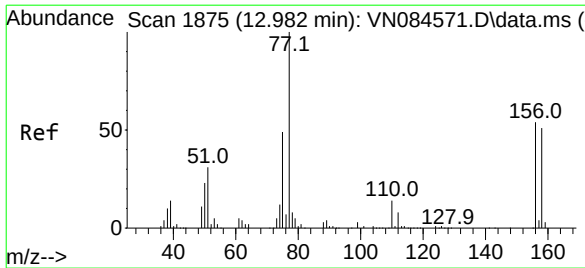
Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

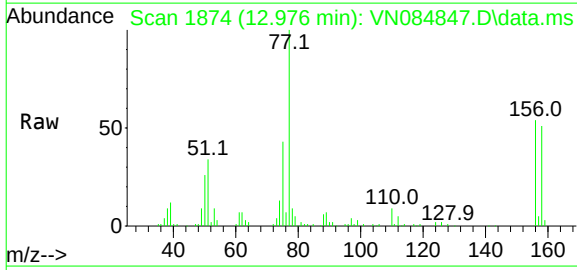
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 49434 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 191.4 | 96.9  | 290.7 |





#77  
Bromobenzene  
Concen: 20.651 ug/l  
RT: 12.976 min Scan# 1875  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

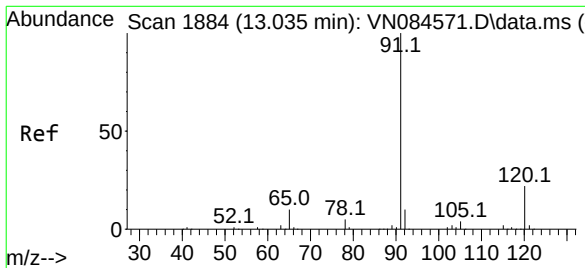
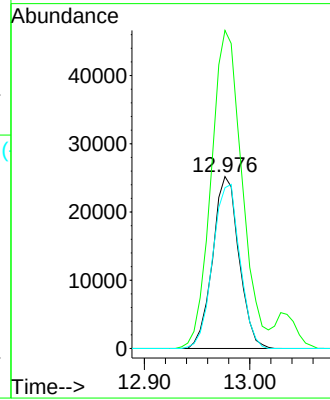
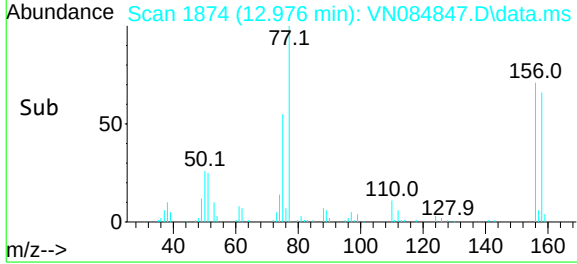
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02



Tgt Ion: 156 Resp: 43721  
Ion Ratio Lower Upper  
156 100  
77 216.5 115.1 345.3  
158 98.3 48.9 146.8

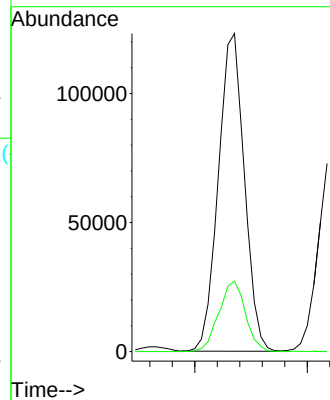
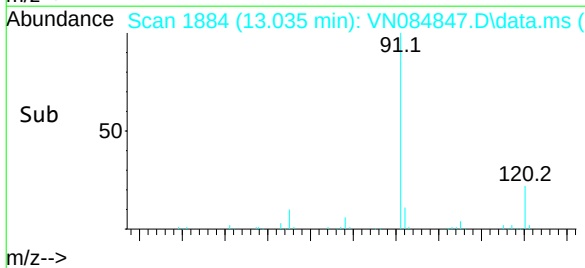
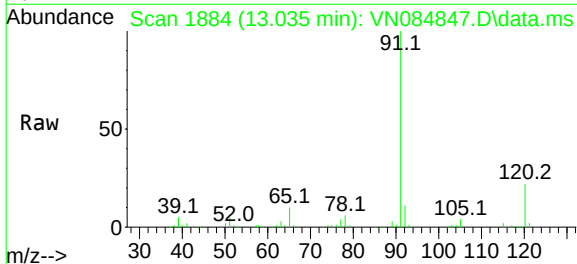
Manual Integrations  
APPROVED

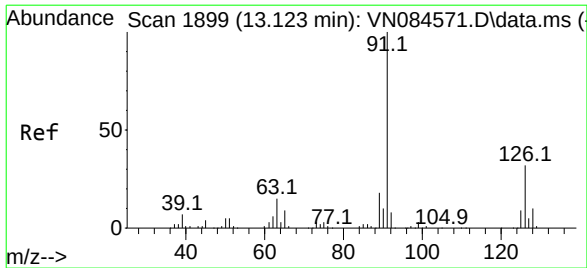
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#78  
n-propylbenzene  
Concen: 21.434 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion: 91 Resp: 197805  
Ion Ratio Lower Upper  
91 100  
120 22.6 10.8 32.4





#79

2-Chlorotoluene

Concen: 21.817 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1114WBSD02

Tgt Ion: 91 Resp: 131566

Ion Ratio Lower Upper

91 100

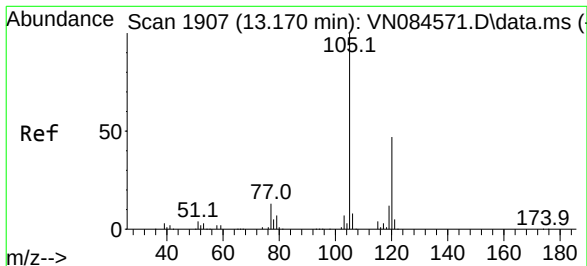
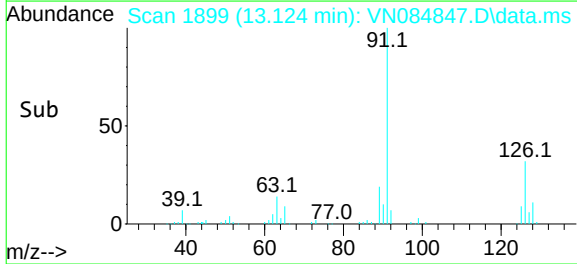
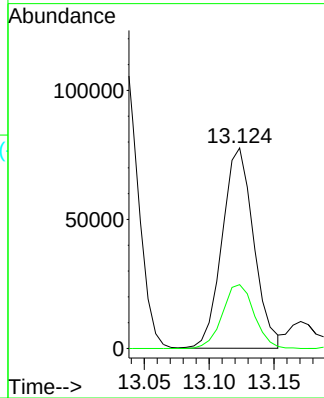
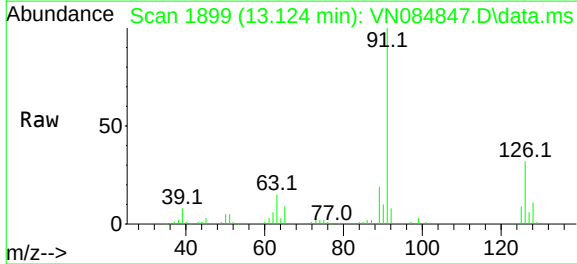
126 32.1 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 22.609 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084847.D

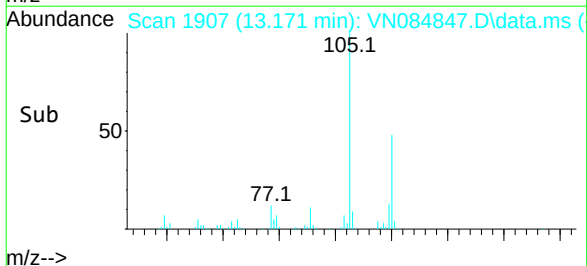
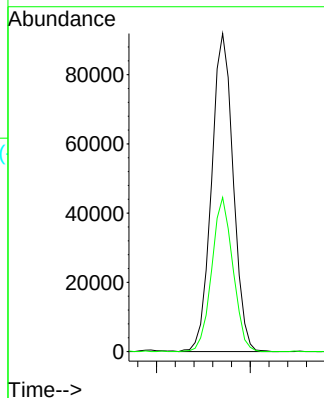
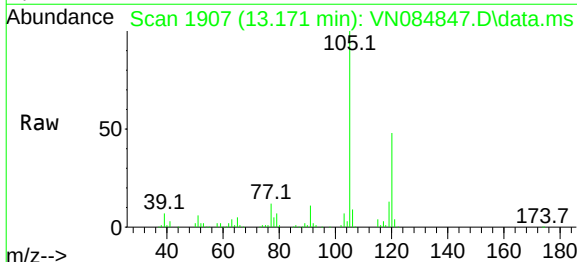
Acq: 14 Nov 2024 13:24

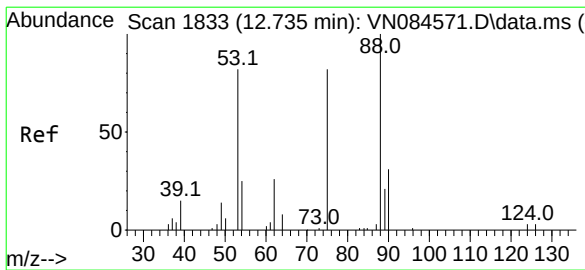
Tgt Ion:105 Resp: 147573

Ion Ratio Lower Upper

105 100

120 47.2 23.7 71.1





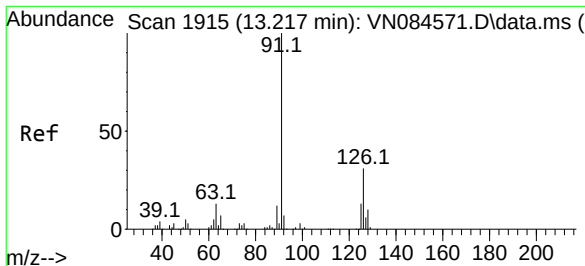
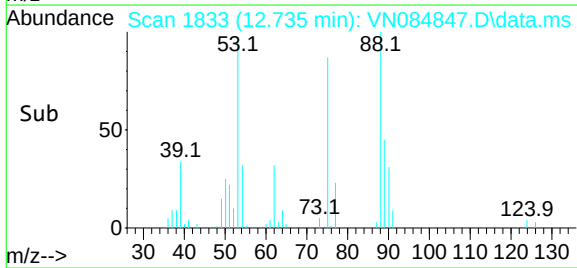
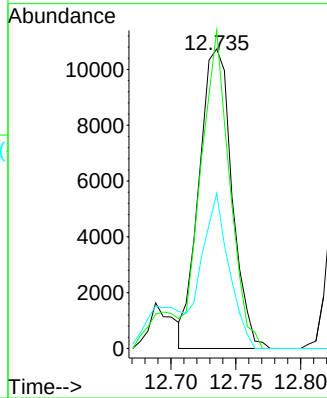
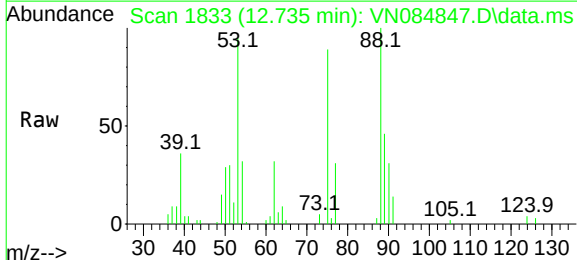
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.981 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

Tgt Ion: 75 Resp: 18920  
Ion Ratio Lower Upper  
75 100  
53 92.5 78.0 117.0  
89 42.6 35.5 53.3

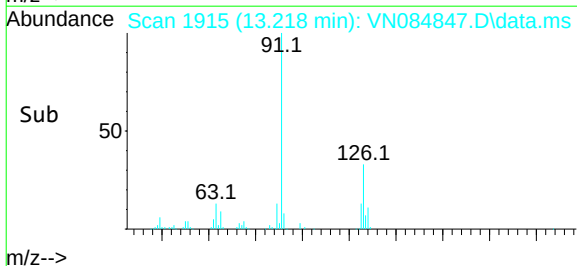
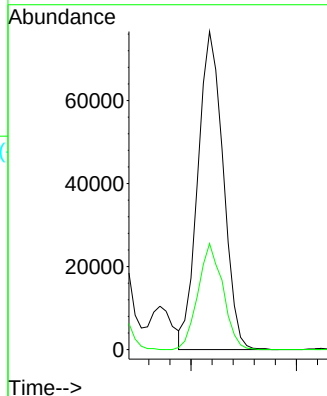
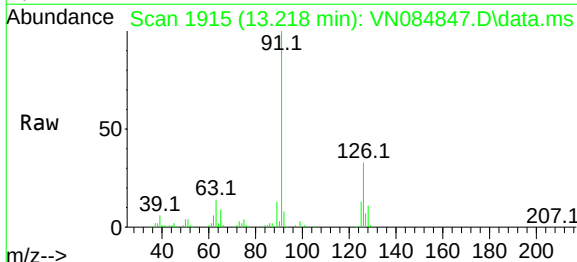
Manual Integrations  
APPROVED

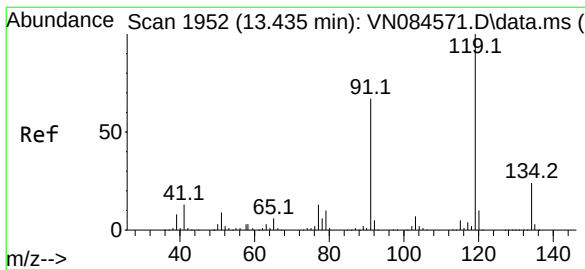
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#82  
4-Chlorotoluene  
Concen: 20.125 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

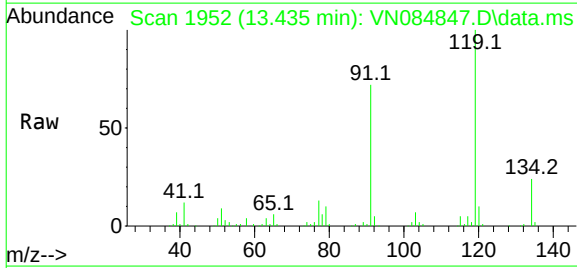
Tgt Ion: 91 Resp: 127715  
Ion Ratio Lower Upper  
91 100  
126 32.8 15.7 47.1





#83  
tert-Butylbenzene  
Concen: 22.670 ug/l  
RT: 13.435 min Scan# 1959  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

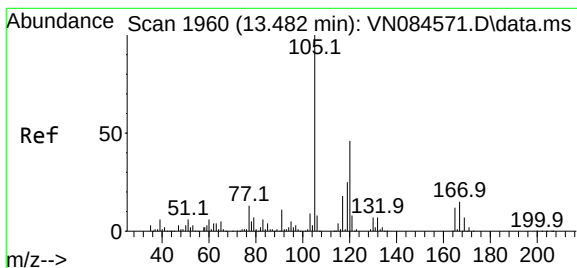
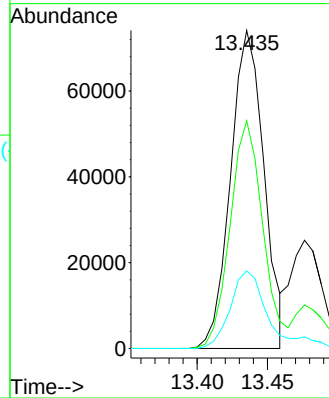
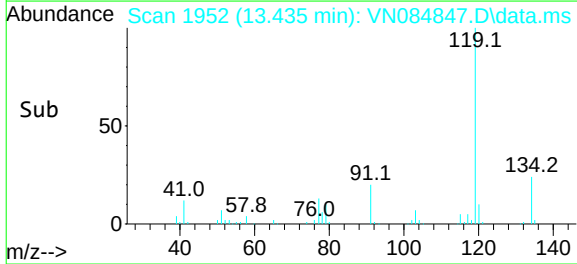
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02



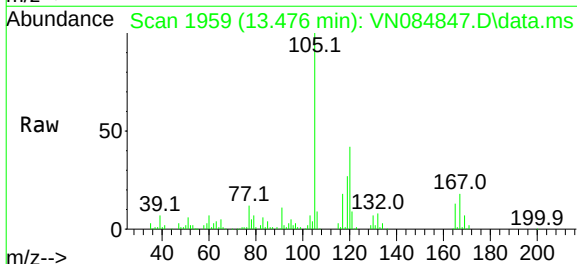
Tgt Ion:119 Resp: 122465  
Ion Ratio Lower Upper  
119 100  
91 70.4 34.1 102.3  
134 27.8 12.8 38.4

Manual Integrations  
APPROVED

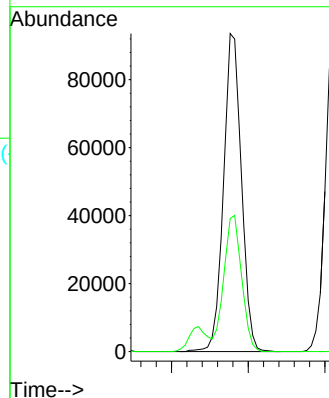
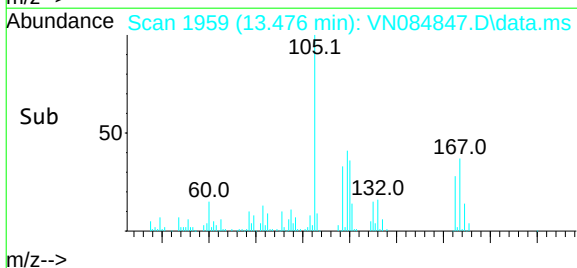
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024

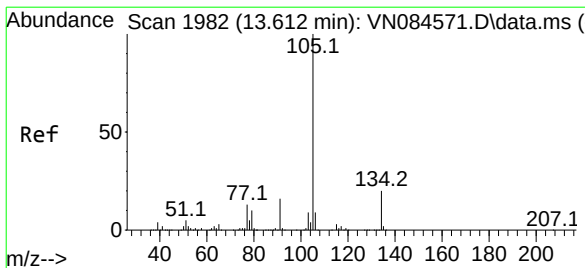


#84  
1,2,4-Trimethylbenzene  
Concen: 22.495 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24



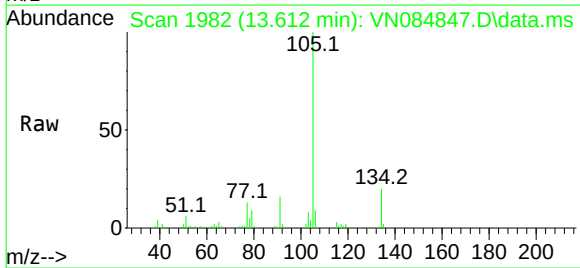
Tgt Ion:105 Resp: 151544  
Ion Ratio Lower Upper  
105 100  
120 42.6 22.3 66.8





#85  
sec-Butylbenzene  
Concen: 22.145 ug/l  
RT: 13.612 min Scan# 1982  
Delta R.T. -0.006 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

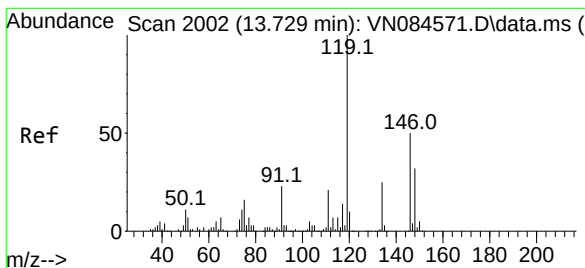
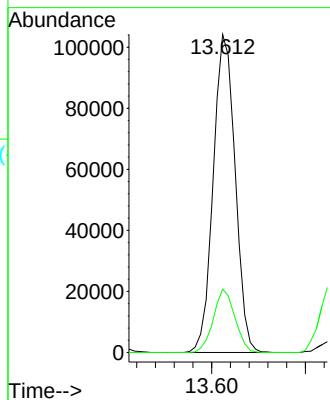
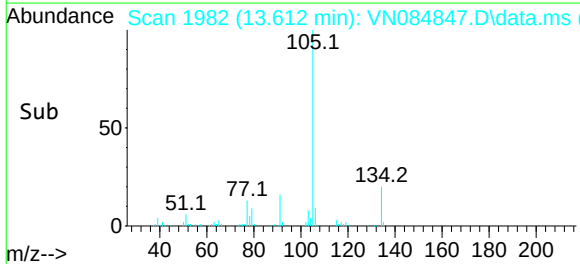
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02



Tgt Ion:105 Resp: 168982  
Ion Ratio Lower Upper  
105 100  
134 19.5 9.8 29.4

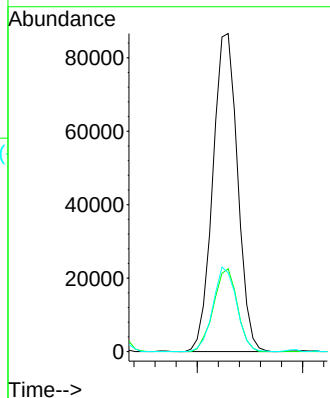
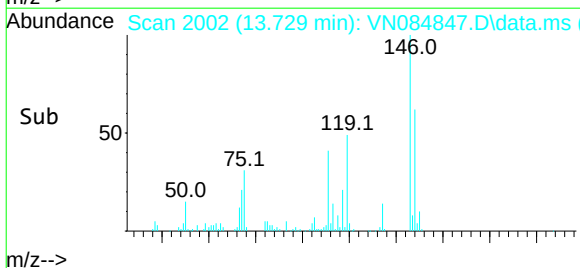
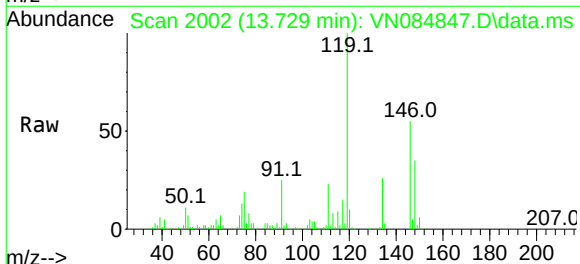
Manual Integrations  
APPROVED

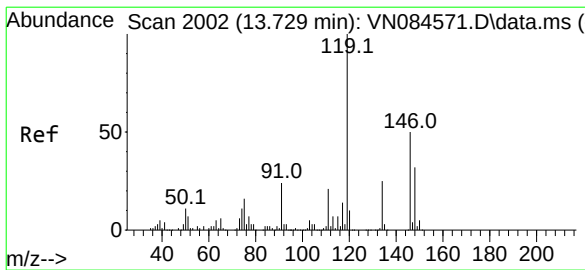
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#86  
p-Isopropyltoluene  
Concen: 22.614 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Tgt Ion:119 Resp: 141525  
Ion Ratio Lower Upper  
119 100  
134 25.1 12.6 37.8  
91 25.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.412 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1114WBSD02

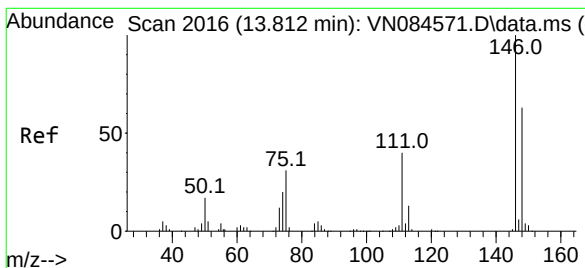
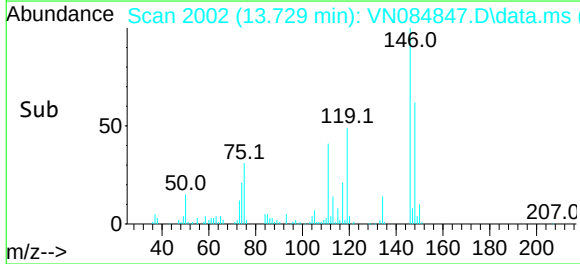
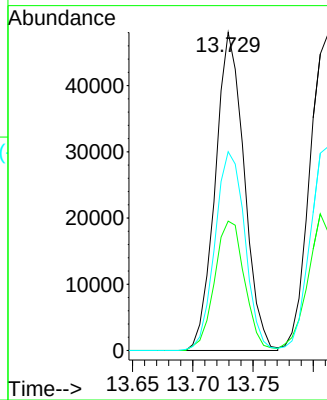
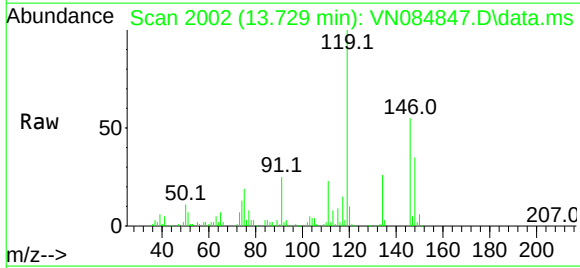
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 80206 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 42.2  | 21.8  | 65.3  |
| 148       | 64.7  | 31.9  | 95.7  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#88

1,4-Dichlorobenzene

Concen: 20.758 ug/l

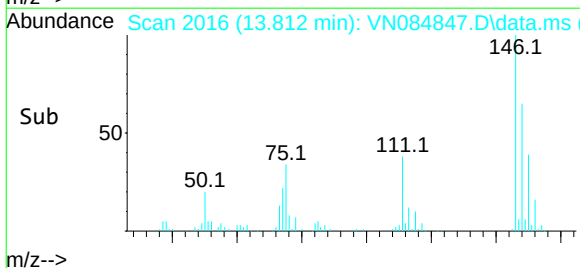
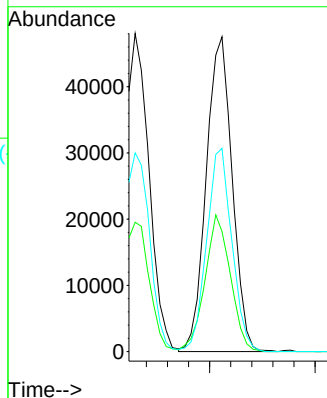
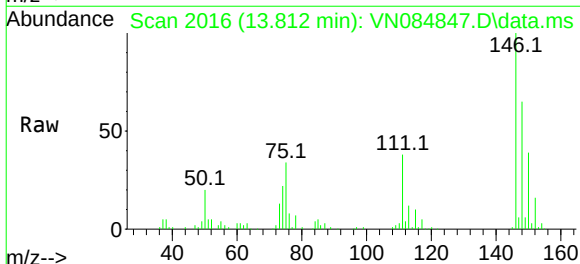
RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

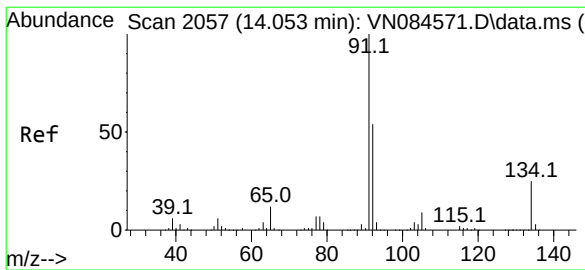
Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 81235 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 42.5  | 21.2  | 63.6  |
| 148       | 62.9  | 31.9  | 95.9  |







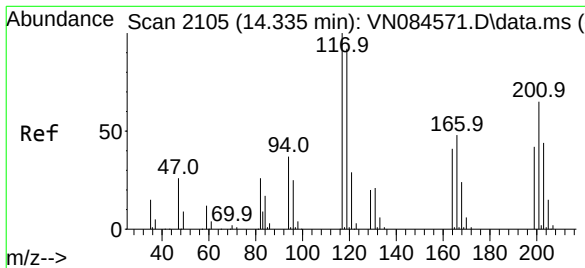
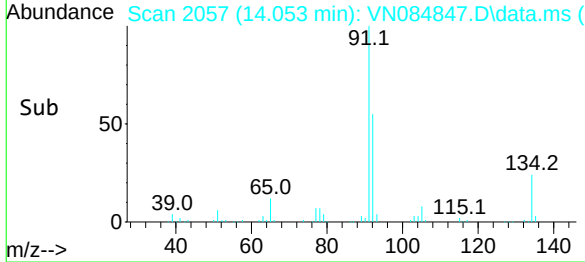
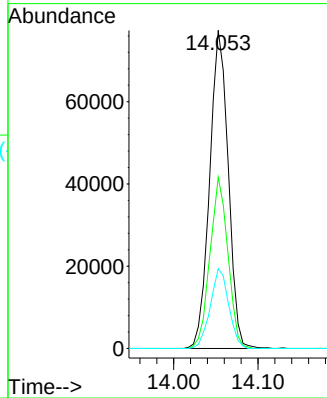
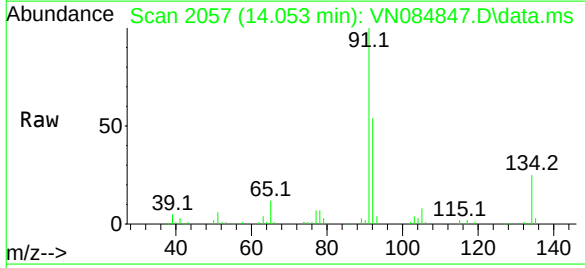
#89  
n-Butylbenzene  
Concen: 20.223 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1114WBSD02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 118386 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 52.0  | 26.6  | 79.7   |
| 134      | 24.9  | 12.3  | 36.9   |

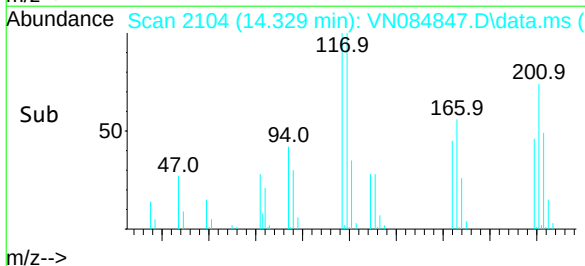
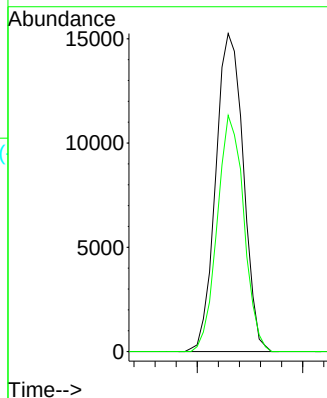
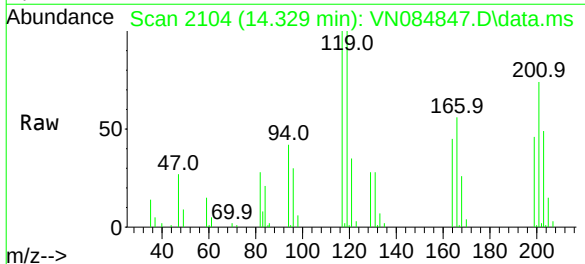
Manual Integrations  
APPROVED

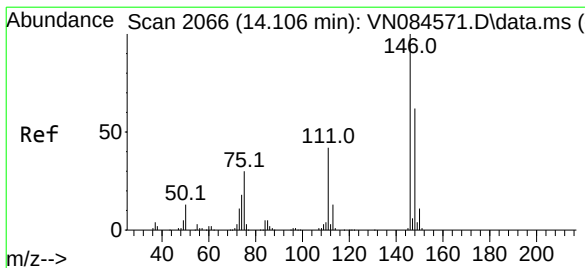
Reviewed By :John Carlone 11/15/2024  
Supervised By :Mahesh Dadoda 11/15/2024



#90  
Hexachloroethane  
Concen: 19.886 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. 0.000 min  
Lab File: VN084847.D  
Acq: 14 Nov 2024 13:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 27754 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 71.5  | 34.4  | 103.2 |





#91

1,2-Dichlorobenzene

Concen: 19.392 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1114WBSD02

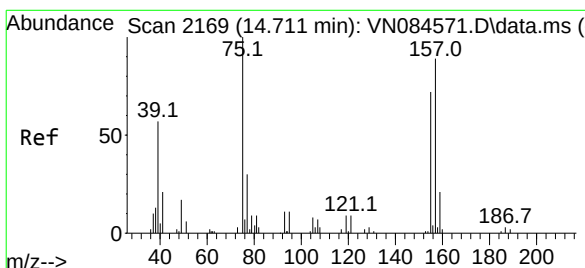
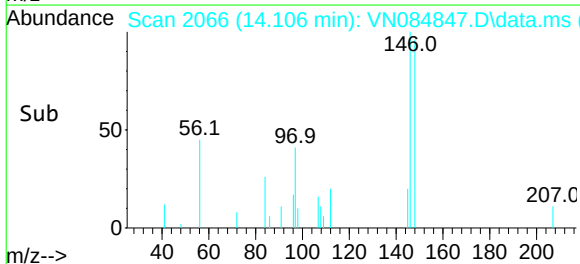
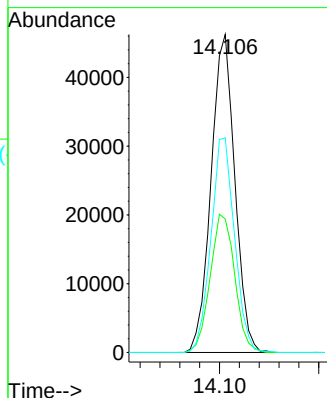
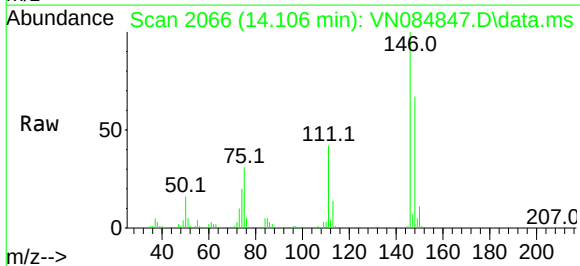
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 76994 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 44.8  | 22.0  | 66.0  |
| 148       | 67.1  | 32.1  | 96.3  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.979 ug/l

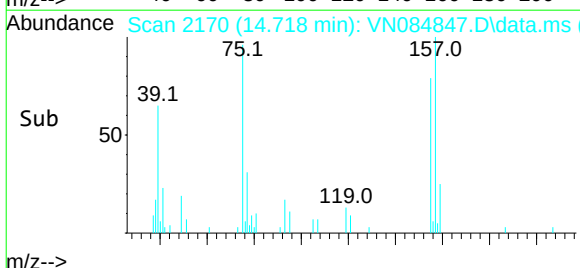
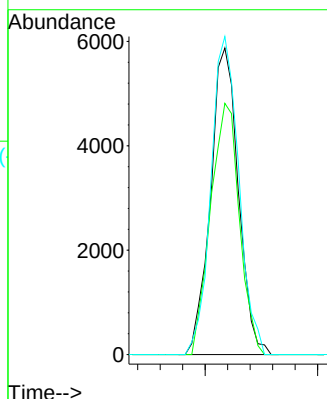
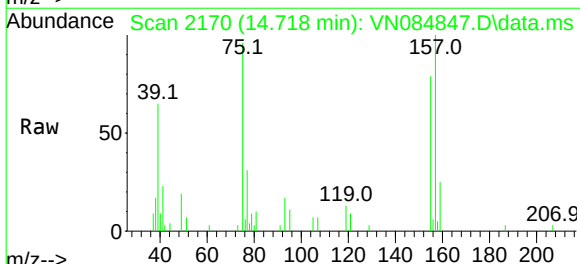
RT: 14.718 min Scan# 2170

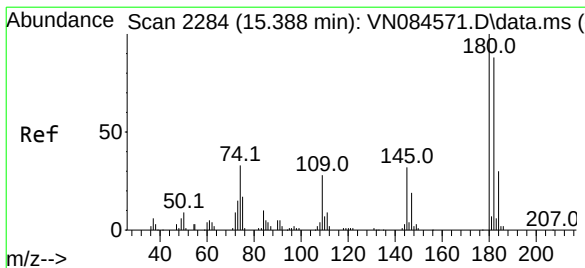
Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 10107 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 84.5  | 38.1  | 114.5 |
| 157       | 103.4 | 49.6  | 149.0 |





#93

1,2,4-Trichlorobenzene

Concen: 18.444 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1114WBSD02

Tgt Ion:180 Resp: 40082

Ion Ratio Lower Upper

180 100

182 96.9 47.0 141.0

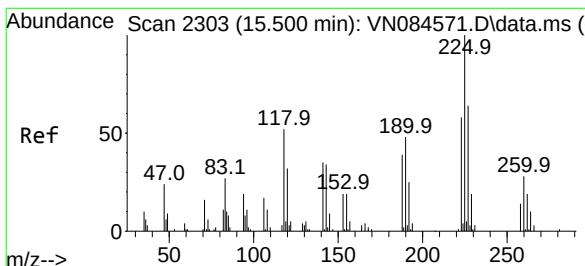
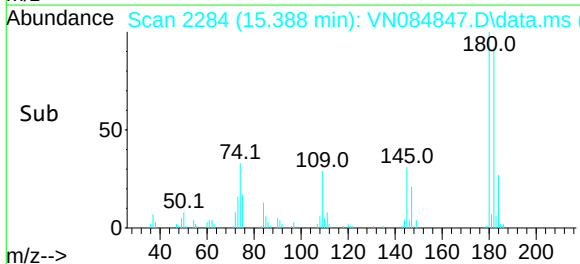
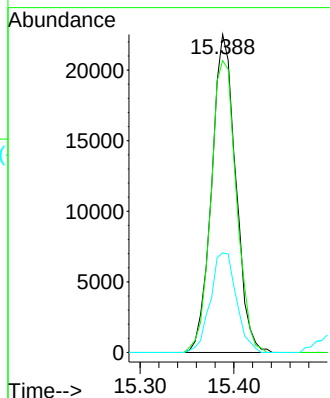
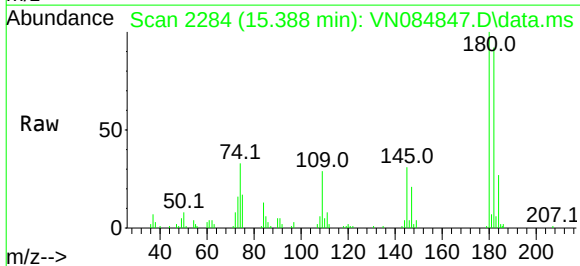
145 33.9 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#94

Hexachlorobutadiene

Concen: 20.179 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

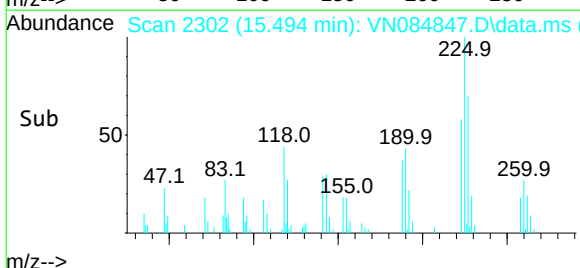
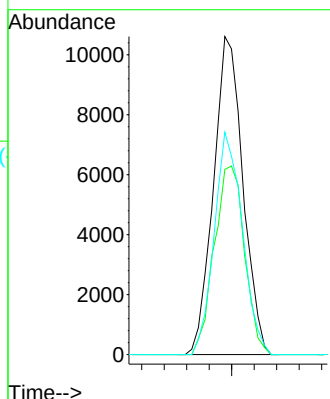
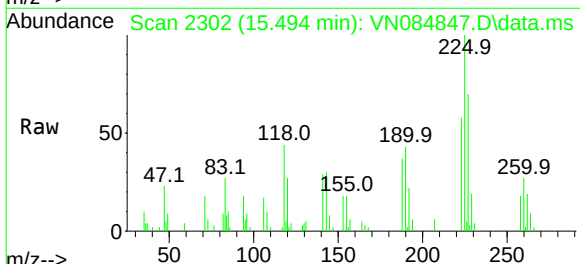
Tgt Ion:225 Resp: 19258

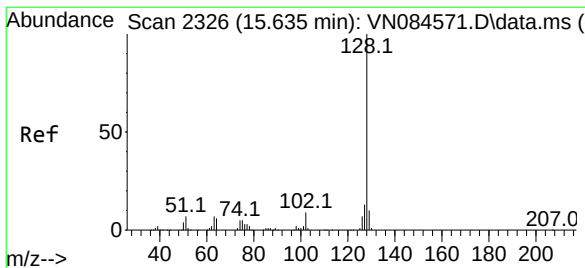
Ion Ratio Lower Upper

225 100

223 61.0 32.4 97.2

227 66.9 32.4 97.0





#95

Naphthalene

Concen: 18.702 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1114WBSD02

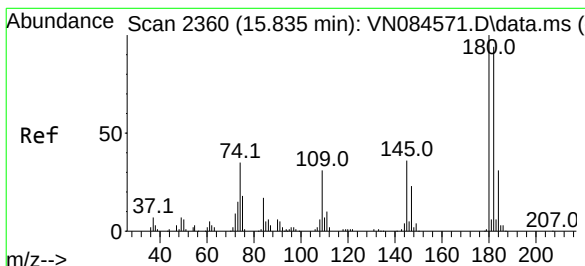
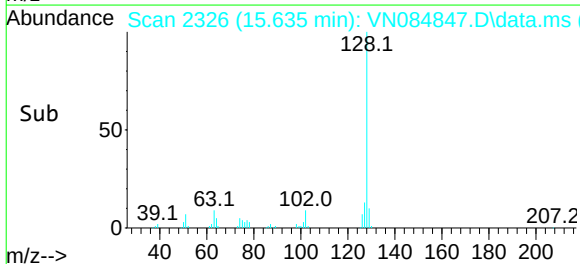
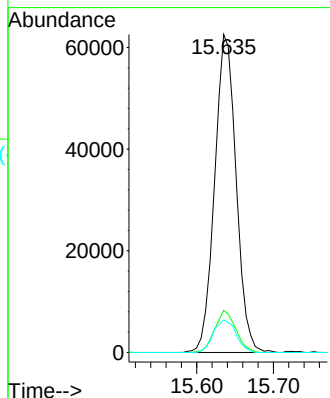
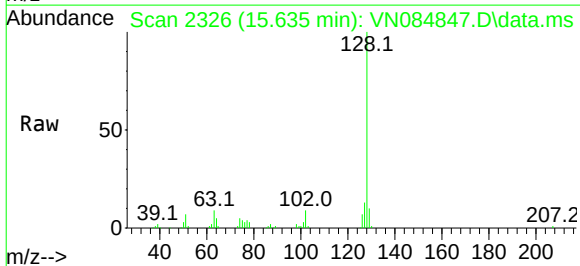
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 121654 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.5  | 15.7   |
| 129       | 10.8  | 8.7   | 13.1   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.026 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084847.D

Acq: 14 Nov 2024 13:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 38027 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 101.0 | 48.2  | 144.6 |
| 145       | 35.3  | 17.3  | 51.9  |

