

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122023\  
 Data File : VN080546.D  
 Acq On : 20 Dec 2023 14:56  
 Operator : JC\MD  
 Sample : VN1220WBSD02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1220WBSD02

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/21/2023  
 Supervised By : Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 02:42:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121223W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 13 01:57:14 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 8.224          | 168  | 242493              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100          | 114  | 409815              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865         | 117  | 364703              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 166626              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.577          | 65   | 184255              | 59.491  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 118.980% |         |        |          |
| 35) Dibromofluoromethane     | 8.165          | 113  | 138423              | 53.273  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 106.540% |         |        |          |
| 50) Toluene-d8               | 10.571         | 98   | 504039              | 52.013  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 104.020% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.847         | 95   | 174499              | 47.421  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 94.840%  |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 53569               | 17.287  | ug/l   | 99       |
| 3) Chloromethane             | 2.359          | 50   | 47321               | 14.309  | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.518          | 62   | 39992               | 15.111  | ug/l   | 97       |
| 5) Bromomethane              | 2.959          | 94   | 20043               | 16.798  | ug/l   | 98       |
| 6) Chloroethane              | 3.124          | 64   | 28343               | 16.667  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.495          | 101  | 92970               | 17.320  | ug/l   | 100      |
| 8) Diethyl Ether             | 3.959          | 74   | 30144               | 17.829  | ug/l   | 82       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371          | 101  | 46232               | 18.172  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.589          | 142  | 30899               | 13.808  | ug/l # | 88       |
| 11) Tert butyl alcohol       | 5.500          | 59   | 37069               | 101.625 | ug/l # | 87       |
| 12) 1,1-Dichloroethene       | 4.342          | 96   | 43525               | 16.696  | ug/l   | 85       |
| 13) Acrolein                 | 4.171          | 56   | 47612               | 119.189 | ug/l   | 98       |
| 14) Allyl chloride           | 5.018          | 41   | 56556               | 17.535  | ug/l   | 99       |
| 15) Acrylonitrile            | 5.712          | 53   | 106079              | 102.923 | ug/l   | 99       |
| 16) Acetone                  | 4.424          | 43   | 77427               | 140.990 | ug/l   | 93       |
| 17) Carbon Disulfide         | 4.712          | 76   | 110289              | 14.928  | ug/l   | 96       |
| 18) Methyl Acetate           | 5.012          | 43   | 81621               | 23.099  | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.794          | 73   | 171534              | 19.723  | ug/l   | 98       |
| 20) Methylene Chloride       | 5.271          | 84   | 57281               | 19.490  | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.783          | 96   | 47186               | 16.693  | ug/l # | 75       |
| 22) Diisopropyl ether        | 6.671          | 45   | 143076              | 20.553  | ug/l   | 91       |
| 23) Vinyl Acetate            | 6.600          | 43   | 379893              | 95.019  | ug/l   | 93       |
| 24) 1,1-Dichloroethane       | 6.571          | 63   | 95155               | 19.592  | ug/l   | 98       |
| 25) 2-Butanone               | 7.483          | 43   | 121493              | 114.841 | ug/l   | 93       |
| 26) 2,2-Dichloropropane      | 7.488          | 77   | 87889               | 17.697  | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.483          | 96   | 60212               | 18.819  | ug/l   | 88       |
| 28) Bromochloromethane       | 7.818          | 49   | 35646               | 19.116  | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.835          | 42   | 76031               | 100.363 | ug/l   | 94       |
| 30) Chloroform               | 7.965          | 83   | 111026              | 20.594  | ug/l   | 93       |
| 31) Cyclohexane              | 8.259          | 56   | 66160               | 15.708  | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 8.165          | 97   | 96253               | 18.235  | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.371          | 75   | 69200               | 16.288  | ug/l   | 94       |
| 37) Ethyl Acetate            | 7.559          | 43   | 49020               | 18.426  | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 8.359          | 117  | 82376               | 16.227  | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.600          | 83   | 65606               | 14.865  | ug/l # | 86       |
| 40) Benzene                  | 8.606          | 78   | 213231              | 17.381  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122023\  
 Data File : VN080546.D  
 Acq On : 20 Dec 2023 14:56  
 Operator : JC\MD  
 Sample : VN1220WBSD02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1220WBSD02

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/21/2023  
 Supervised By : Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 02:42:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121223W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 13 01:57:14 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 28895    | 18.839  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 85128    | 18.738  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 88466    | 18.494  | ug/l   | 97       |
| 44) Trichloroethene           | 9.353  | 130  | 56324    | 17.030  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 53282    | 18.491  | ug/l   | 98       |
| 46) Dibromomethane            | 9.712  | 93   | 39247    | 18.967  | ug/l # | 88       |
| 47) Bromodichloromethane      | 9.888  | 83   | 83897    | 18.918  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.682  | 41   | 51285    | 17.966  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 15596    | 360.450 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 263532   | 100.031 | ug/l   | 98       |
| 52) Toluene                   | 10.629 | 92   | 136204   | 17.574  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 87818    | 18.302  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 92520    | 18.040  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 56749    | 20.350  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 56946    | 18.444  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 91940    | 18.807  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 159547   | 81.855  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.194 | 43   | 189169   | 97.263  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 62767    | 18.994  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 53501    | 18.536  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 46167    | 16.395  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 142272   | 17.536  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 57195    | 17.967  | ug/l   | 95       |
| 67) Ethyl Benzene             | 11.965 | 91   | 243563   | 16.327  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.070 | 106  | 187919   | 34.090  | ug/l   | 93       |
| 69) o-Xylene                  | 12.400 | 106  | 84372    | 15.648  | ug/l   | 86       |
| 70) Styrene                   | 12.412 | 104  | 130010   | 16.740  | ug/l   | 96       |
| 71) Bromoform                 | 12.576 | 173  | 40459    | 17.428  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.694 | 105  | 223044   | 16.663  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.494 | 43   | 68551    | 17.538  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 68843    | 19.193  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 62637m   | 18.843  | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 56524    | 17.166  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 247349   | 16.760  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 162745   | 16.891  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 194174   | 16.843  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 20434    | 16.140  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 167549   | 16.918  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 158500   | 16.788  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 195595   | 17.055  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 198596   | 16.444  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 183720   | 16.847  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 98343    | 16.951  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 97986    | 16.732  | ug/l   | 96       |
| 89) n-Butylbenzene            | 14.059 | 91   | 147912   | 16.242  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 28578    | 16.501  | ug/l   | 72       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 98477    | 17.876  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 15301    | 20.281  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 52292    | 17.096  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 26700    | 15.333  | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 162940   | 17.543  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 51389    | 17.410  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122023\  
Data File : VN080546.D  
Acq On : 20 Dec 2023 14:56  
Operator : JC\MD  
Sample : VN1220WBSD02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02

Manual Integrations  
APPROVED

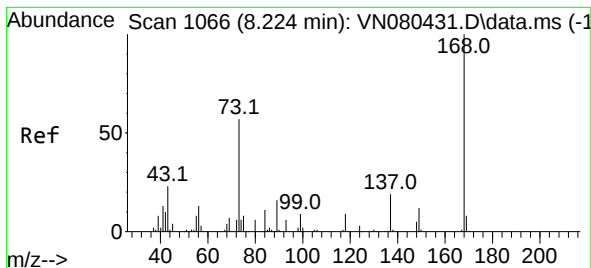
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 02:42:10 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121223W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 13 01:57:14 2023  
Response via : Initial Calibration

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

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBSD02

Tgt Ion:168 Resp: 24249

Ion Ratio Lower Upper

168 100

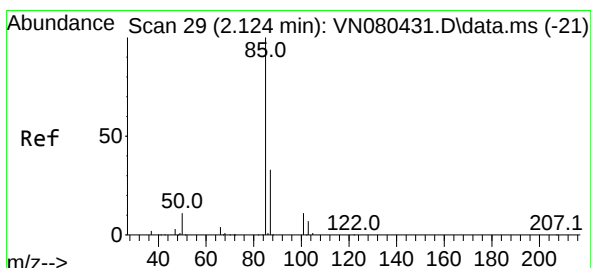
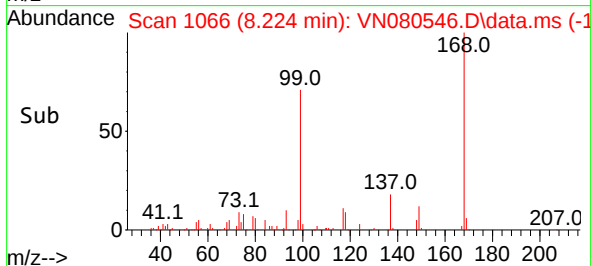
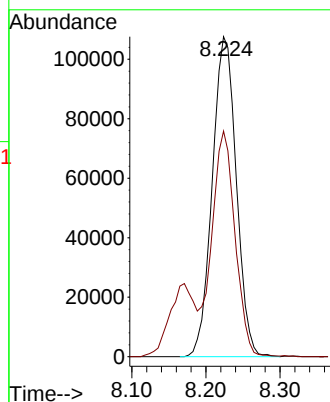
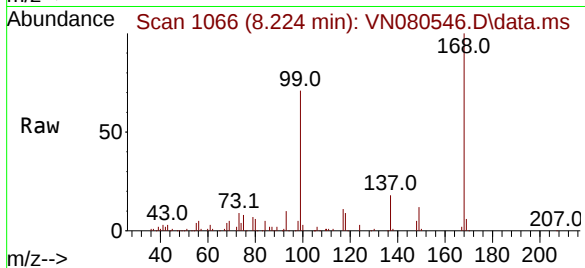
99 70.3 53.0 79.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#2

Dichlorodifluoromethane

Concen: 17.287 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080546.D

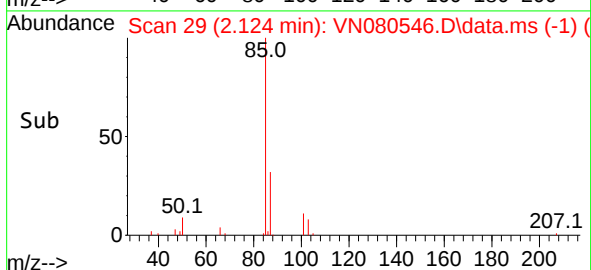
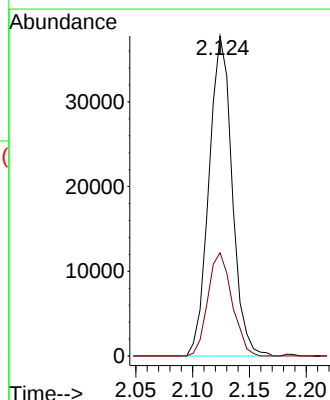
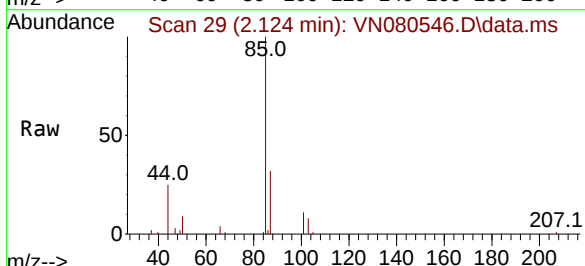
Acq: 20 Dec 2023 14:56

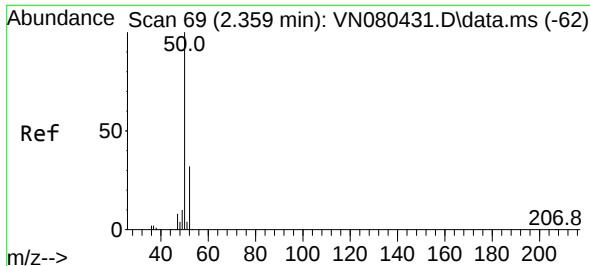
Tgt Ion: 85 Resp: 53569

Ion Ratio Lower Upper

85 100

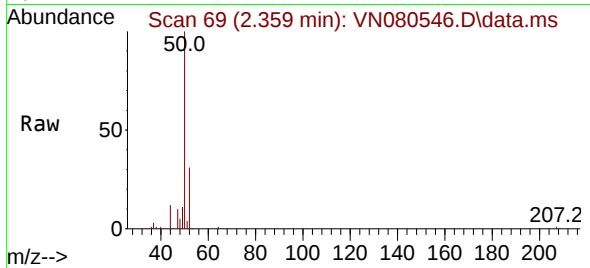
87 32.2 15.8 47.4





#3  
Chloromethane  
Concen: 14.309 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

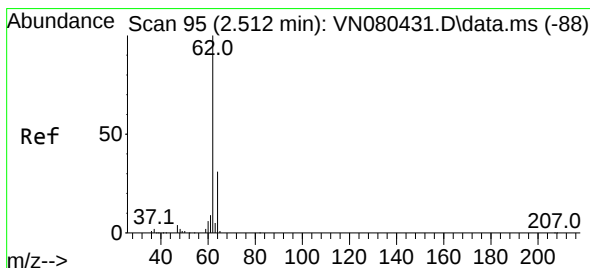
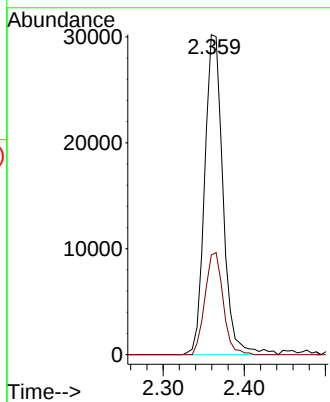
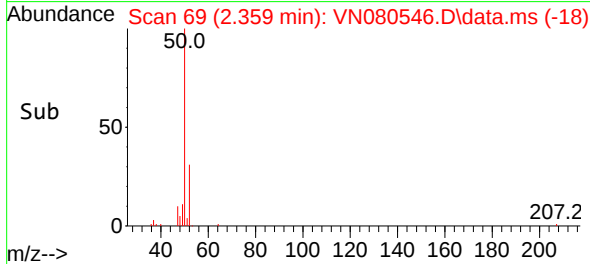
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



Tgt Ion: 50 Resp: 4732  
Ion Ratio Lower Upper  
50 100  
52 31.1 26.5 39.7

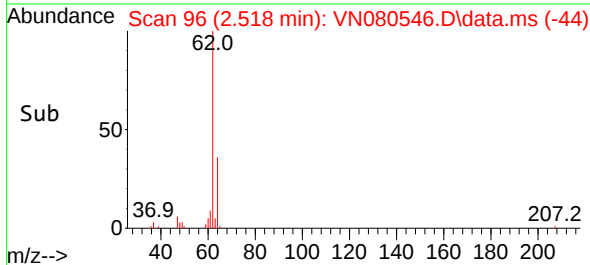
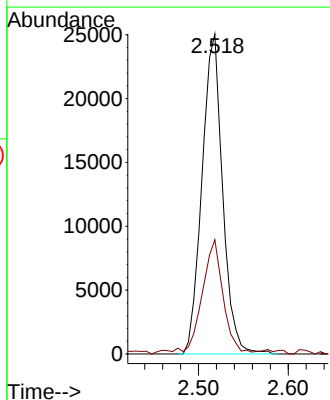
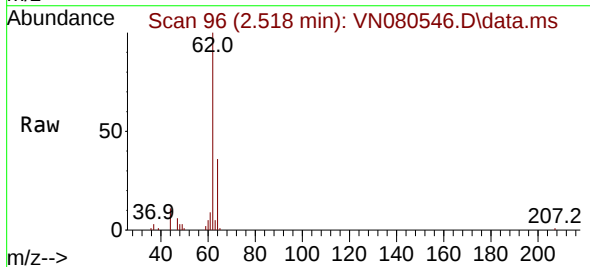
Manual Integrations  
APPROVED

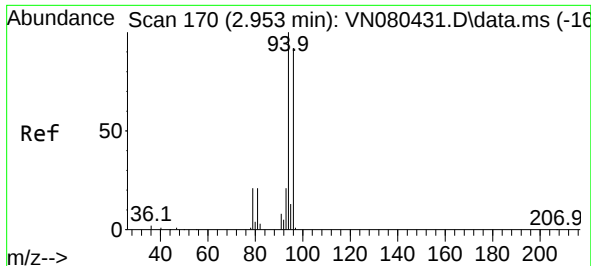
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#4  
Vinyl Chloride  
Concen: 15.111 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

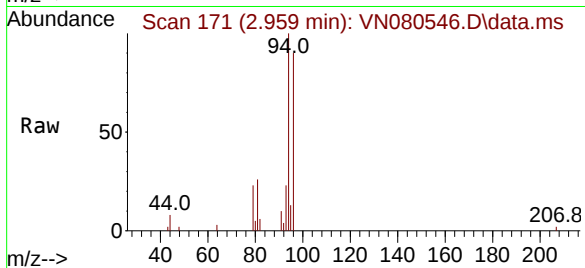
Tgt Ion: 62 Resp: 39992  
Ion Ratio Lower Upper  
62 100  
64 34.6 26.2 39.2





#5  
Bromomethane  
Concen: 16.798 ug/l  
RT: 2.959 min Scan# 171  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

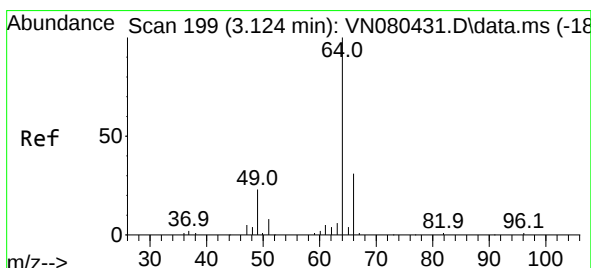
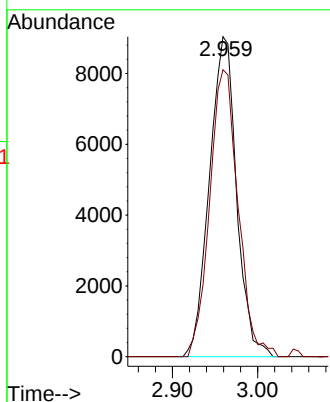
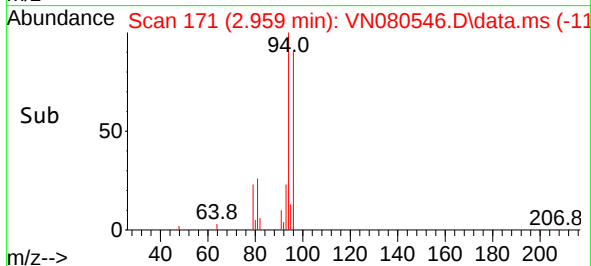
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



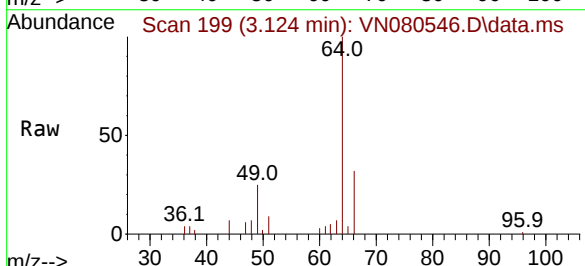
Tgt Ion: 94 Resp: 2004  
Ion Ratio Lower Upper  
94 100  
96 89.7 73.1 109.7

Manual Integrations  
APPROVED

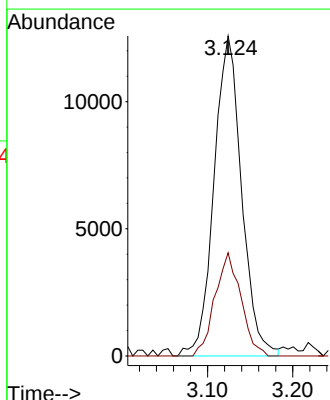
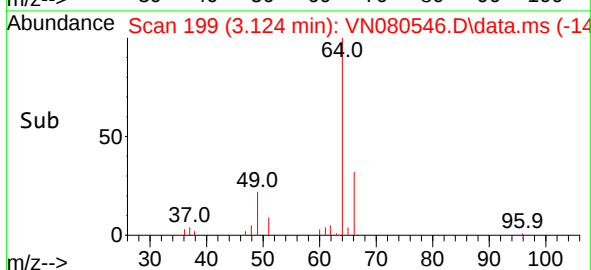
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023

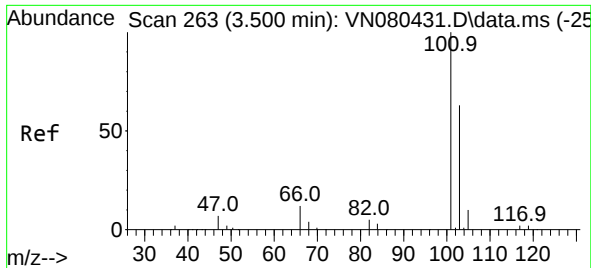


#6  
Chloroethane  
Concen: 16.667 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56



Tgt Ion: 64 Resp: 28343  
Ion Ratio Lower Upper  
64 100  
66 32.2 25.4 38.2





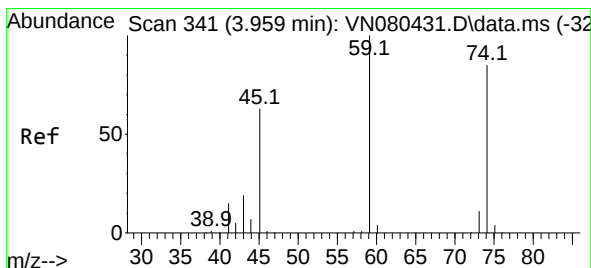
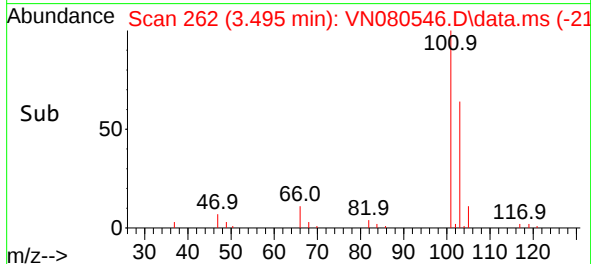
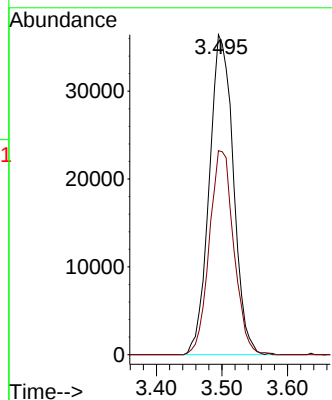
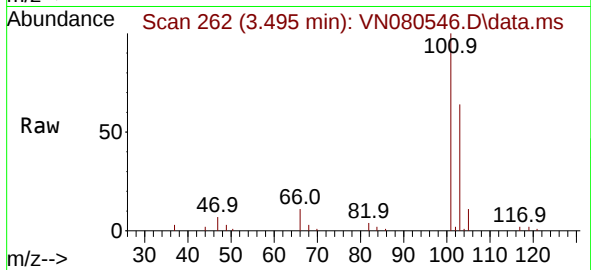
#7  
 Trichlorofluoromethane  
 Concen: 17.320 ug/l  
 RT: 3.495 min Scan# 263  
 Delta R.T. -0.006 min  
 Lab File: VN080546.D  
 Acq: 20 Dec 2023 14:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1220WBSD02

Tgt Ion:101 Resp: 92970  
 Ion Ratio Lower Upper  
 101 100  
 103 63.8 50.7 76.1

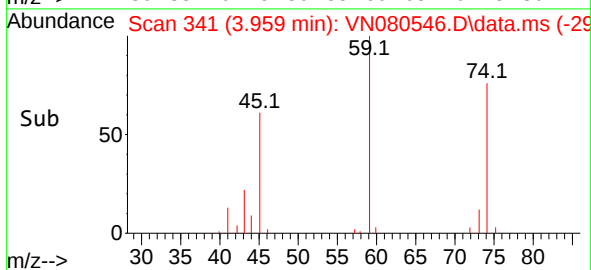
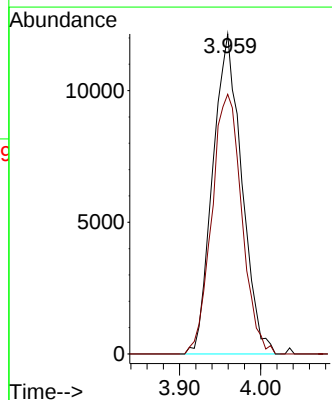
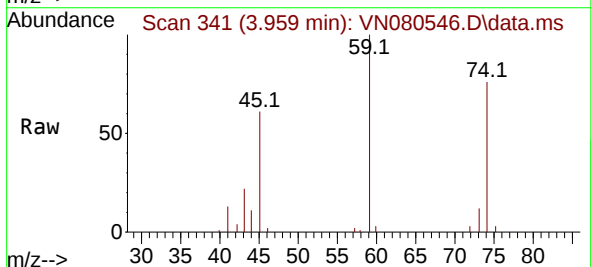
Manual Integrations  
 APPROVED

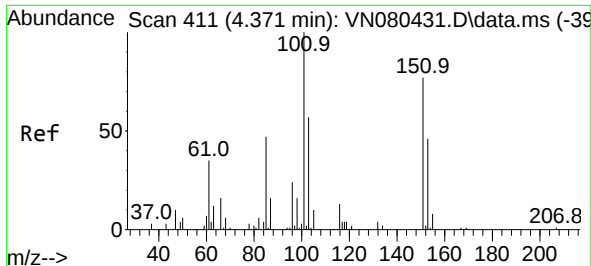
Reviewed By :John Carlone 12/21/2023  
 Supervised By :Mahesh Dadoda 12/21/2023



#8  
 Diethyl Ether  
 Concen: 17.829 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.000 min  
 Lab File: VN080546.D  
 Acq: 20 Dec 2023 14:56

Tgt Ion: 74 Resp: 30144  
 Ion Ratio Lower Upper  
 74 100  
 45 83.8 34.4 103.3





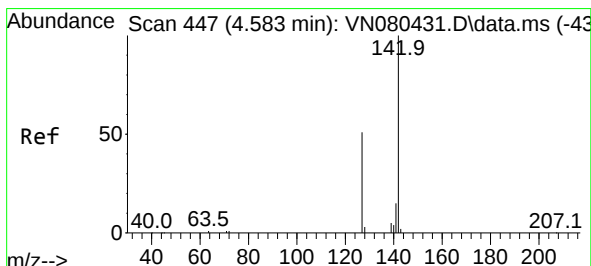
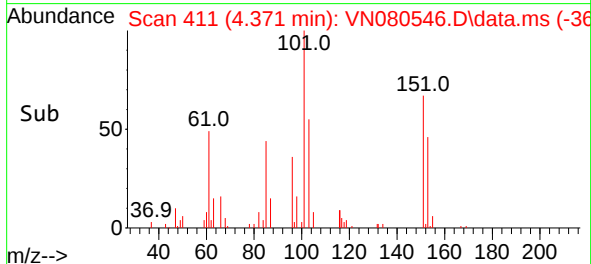
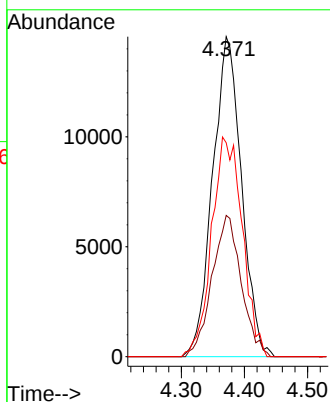
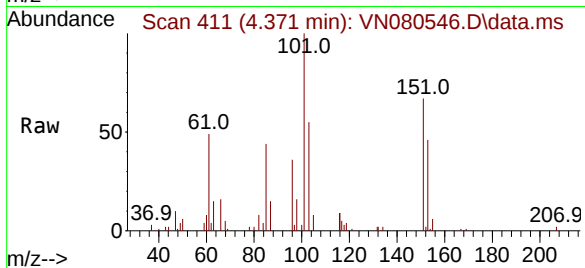
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.172 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02

Tgt Ion:101 Resp: 4623  
Ion Ratio Lower Upper  
101 100  
85 44.7 36.6 55.0  
151 72.8 57.6 86.4

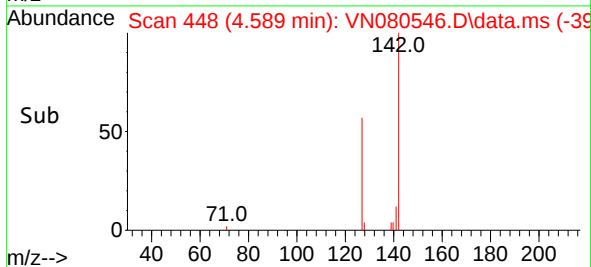
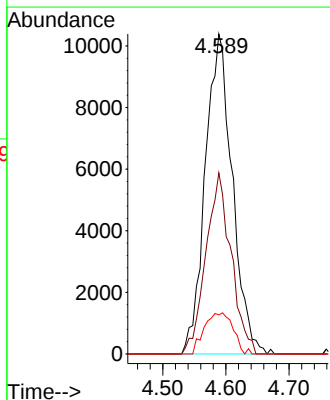
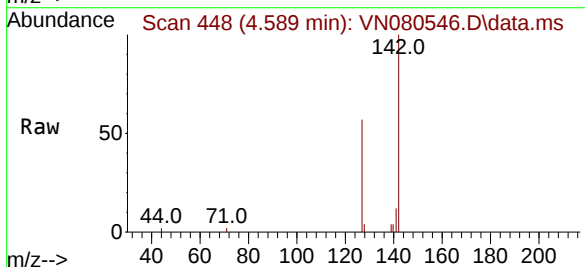
Manual Integrations  
APPROVED

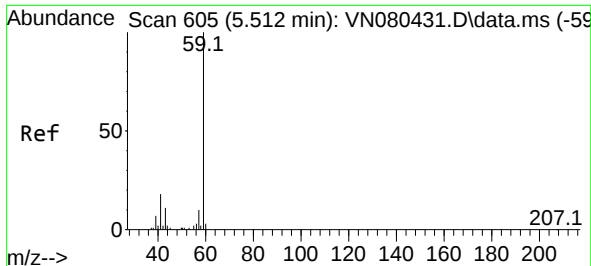
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#10  
Methyl Iodide  
Concen: 13.808 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Tgt Ion:142 Resp: 30899  
Ion Ratio Lower Upper  
142 100  
127 56.6 37.6 56.4#  
141 12.2 11.4 17.0





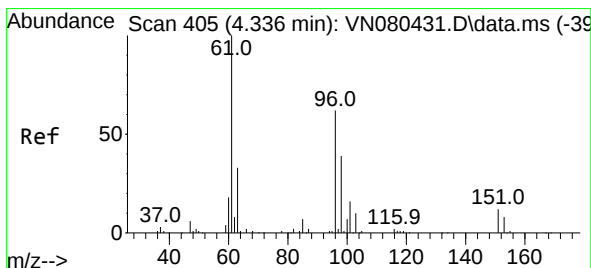
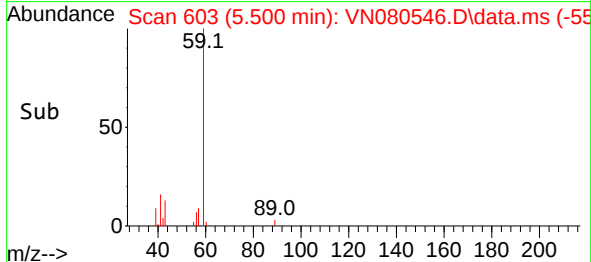
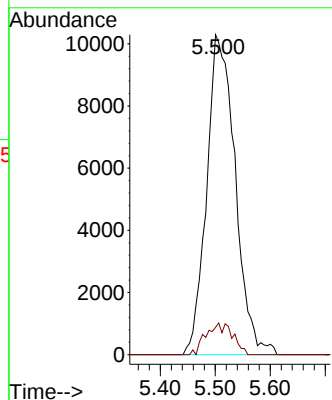
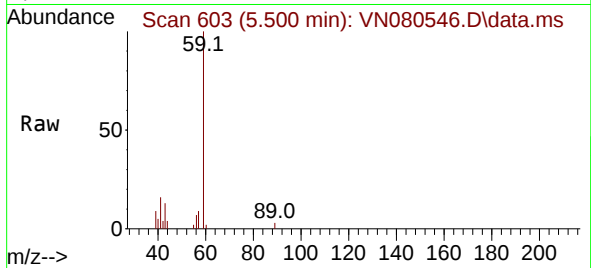
#11  
Tert butyl alcohol  
Concen: 101.625 ug/l  
RT: 5.500 min Scan# 605  
Delta R.T. -0.012 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02

Tgt Ion: 59 Resp: 37069  
Ion Ratio Lower Upper  
59 100  
57 5.6 8.2 12.4

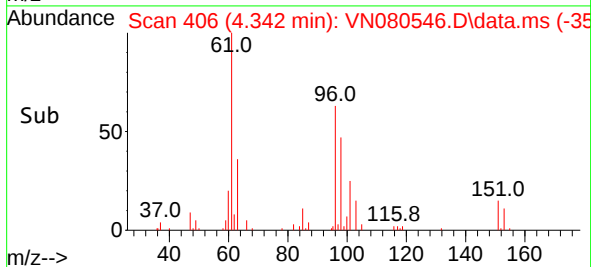
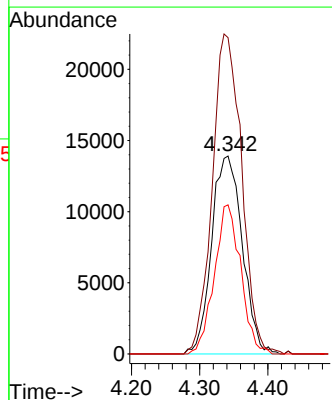
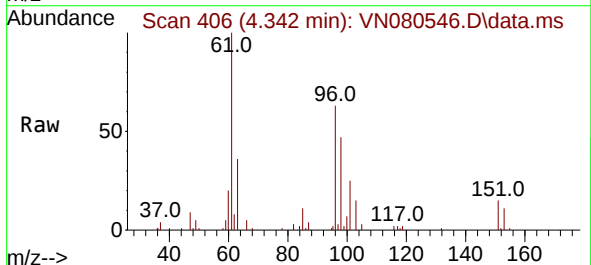
Manual Integrations  
APPROVED

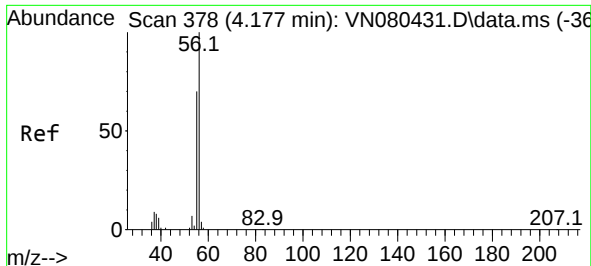
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#12  
1,1-Dichloroethene  
Concen: 16.696 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Tgt Ion: 96 Resp: 43525  
Ion Ratio Lower Upper  
96 100  
61 159.8 112.7 169.1  
98 75.4 51.2 76.8





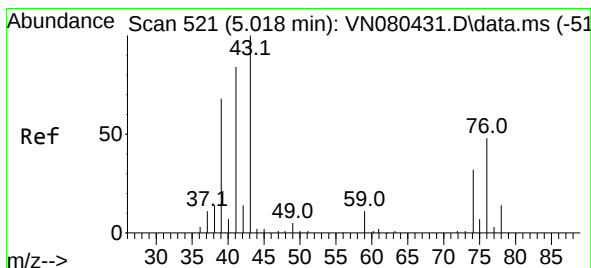
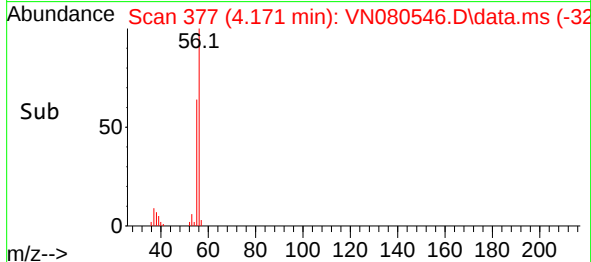
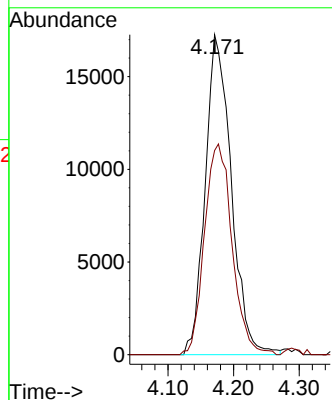
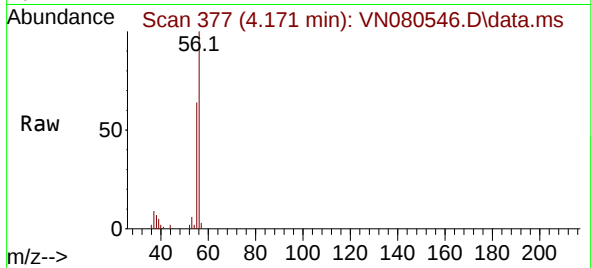
#13  
Acrolein  
Concen: 119.189 ug/l  
RT: 4.171 min Scan# 378  
Delta R.T. -0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02

Tgt Ion: 56 Resp: 47612  
Ion Ratio Lower Upper  
56 100  
55 69.8 54.5 81.7

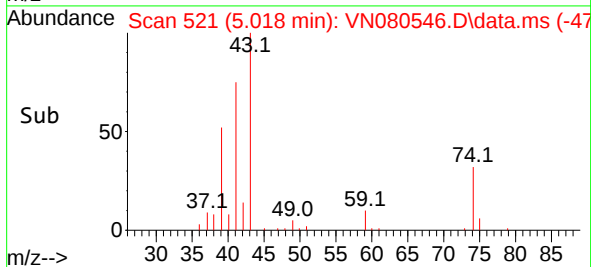
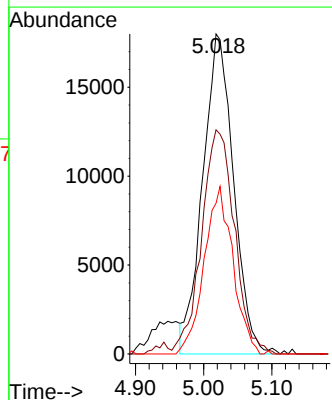
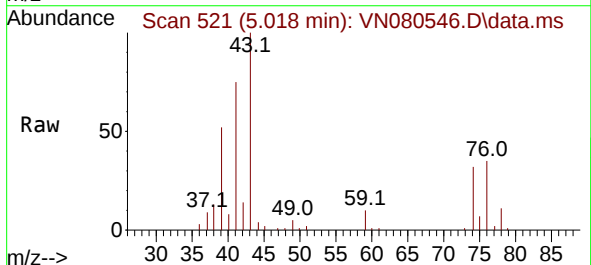
Manual Integrations  
APPROVED

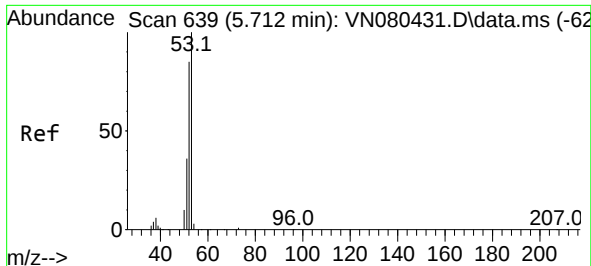
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#14  
Allyl chloride  
Concen: 17.535 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

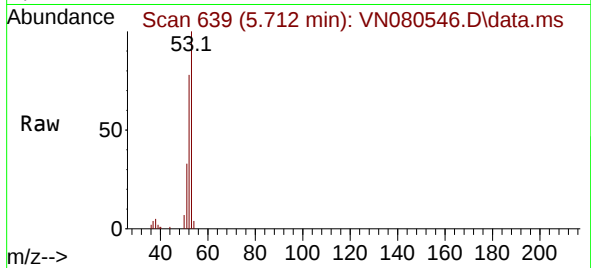
Tgt Ion: 41 Resp: 56556  
Ion Ratio Lower Upper  
41 100  
39 74.9 58.8 88.2  
76 48.7 39.1 58.7





#15  
Acrylonitrile  
Concen: 102.923 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

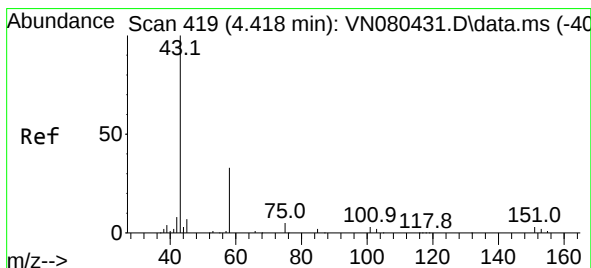
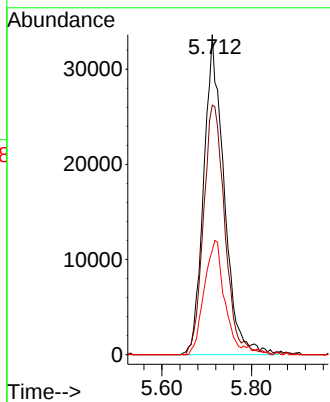
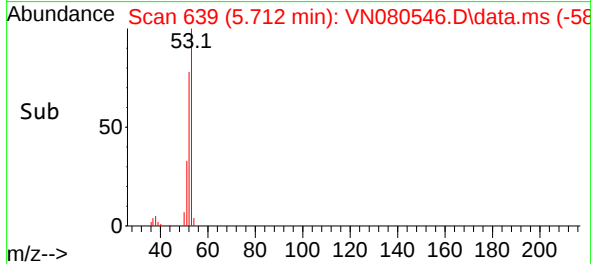
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



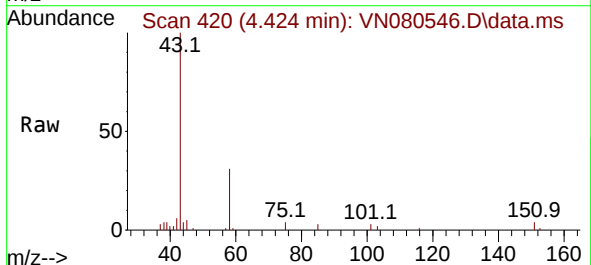
Tgt Ion: 53 Resp: 106079  
Ion Ratio Lower Upper  
53 100  
52 81.7 65.3 97.9  
51 35.1 28.9 43.3

Manual Integrations  
APPROVED

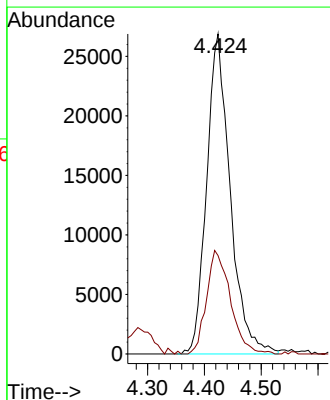
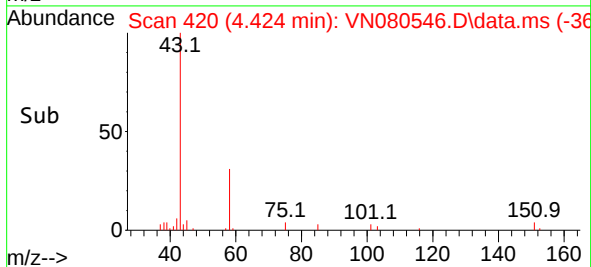
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023

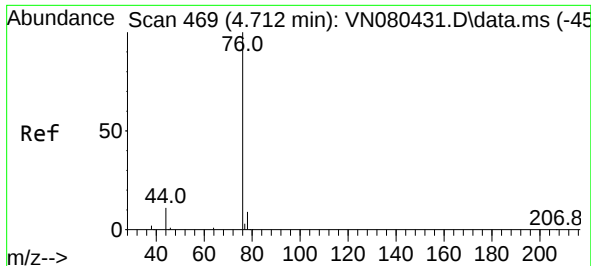


#16  
Acetone  
Concen: 140.990 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56



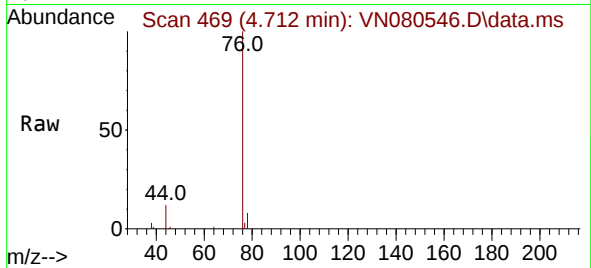
Tgt Ion: 43 Resp: 77427  
Ion Ratio Lower Upper  
43 100  
58 30.7 28.0 42.0





#17  
Carbon Disulfide  
Concen: 14.928 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

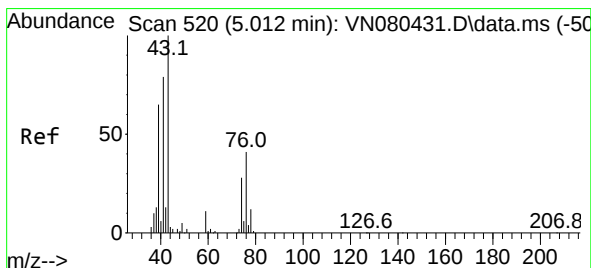
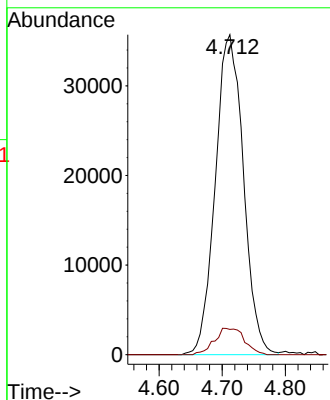
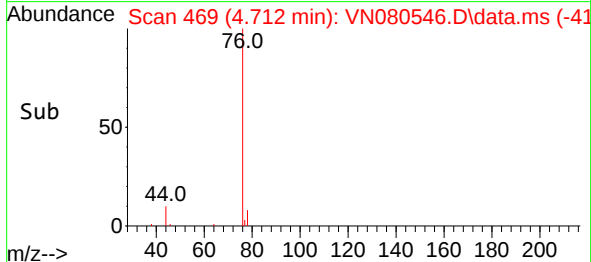
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



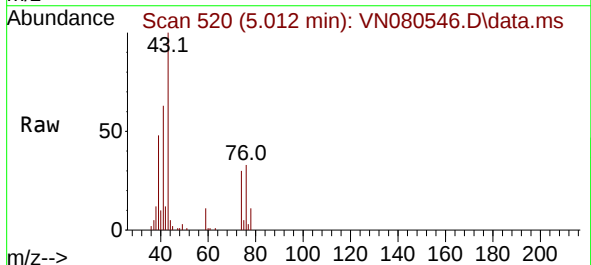
Tgt Ion: 76 Resp: 110289  
Ion Ratio Lower Upper  
76 100  
78 7.9 7.4 11.0

Manual Integrations  
APPROVED

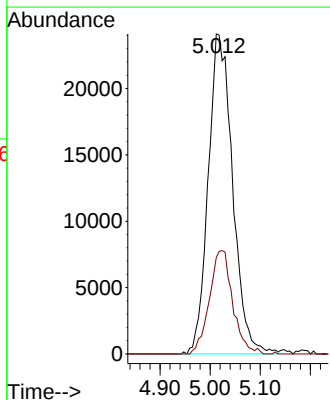
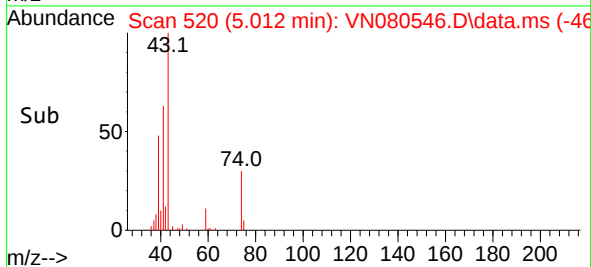
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023

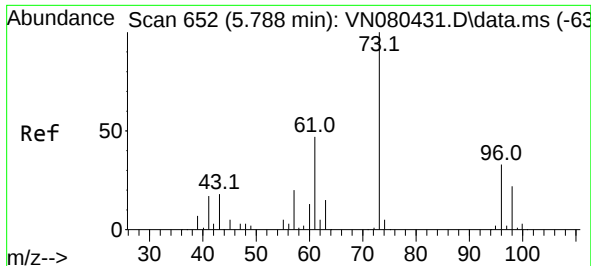


#18  
Methyl Acetate  
Concen: 23.099 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56



Tgt Ion: 43 Resp: 81621  
Ion Ratio Lower Upper  
43 100  
74 30.8 26.2 39.4





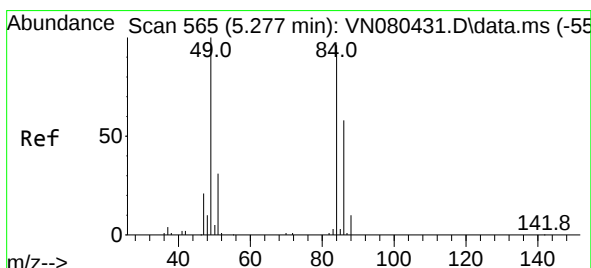
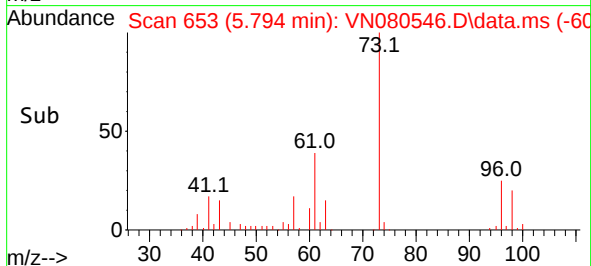
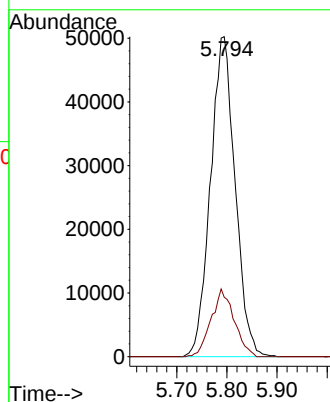
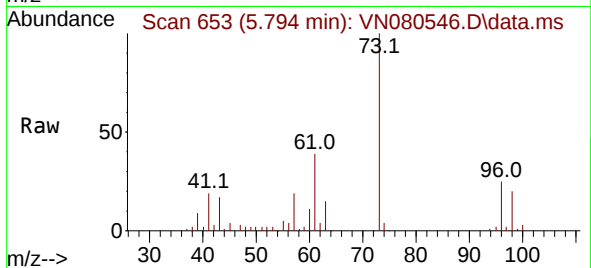
#19  
Methyl tert-butyl Ether  
Concen: 19.723 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02

Tgt Ion: 73 Resp: 171534  
Ion Ratio Lower Upper  
73 100  
57 18.6 15.6 23.4

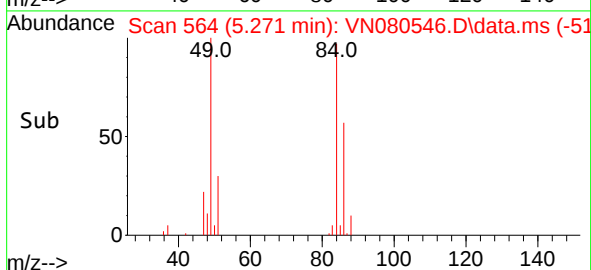
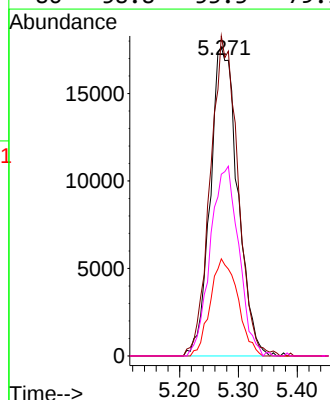
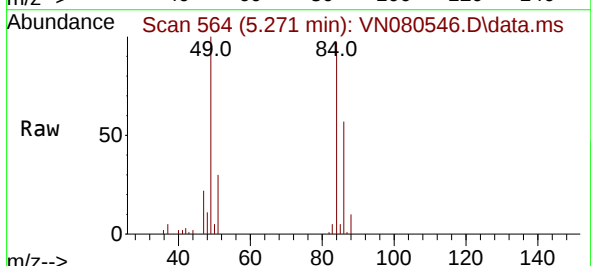
Manual Integrations  
APPROVED

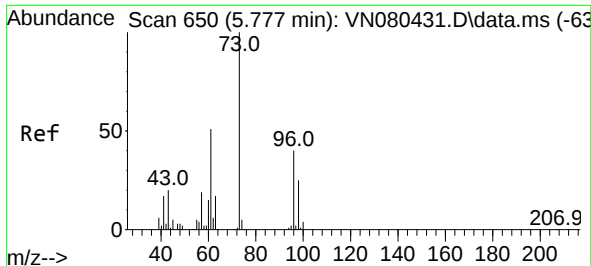
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#20  
Methylene Chloride  
Concen: 19.490 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

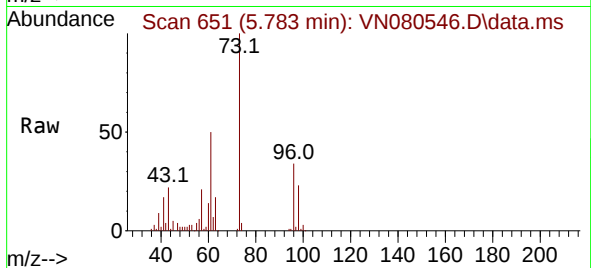
Tgt Ion: 84 Resp: 57281  
Ion Ratio Lower Upper  
84 100  
49 103.5 79.7 119.5  
51 31.4 25.2 37.8  
86 58.8 53.3 79.9





#21  
trans-1,2-Dichloroethene  
Concen: 16.693 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

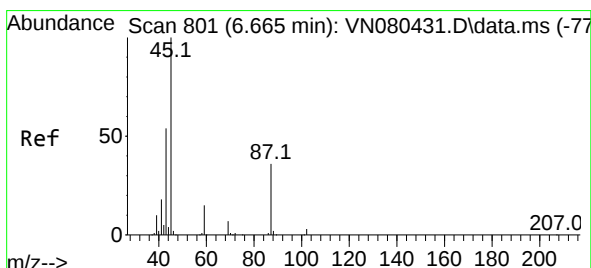
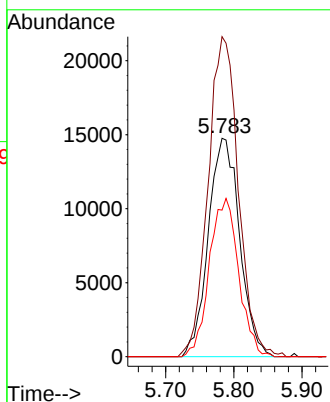
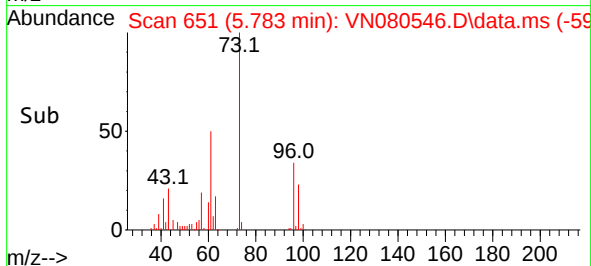
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



Tgt Ion: 96 Resp: 47180  
Ion Ratio Lower Upper  
96 100  
61 146.5 90.1 135.1  
98 67.1 46.4 69.6

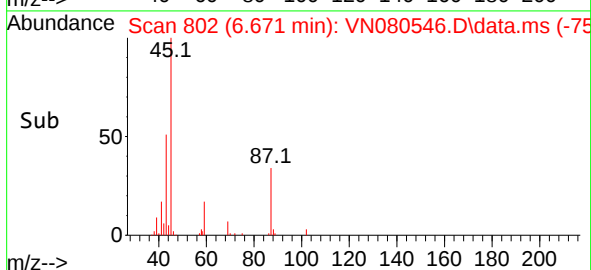
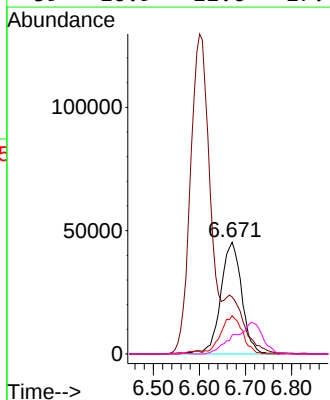
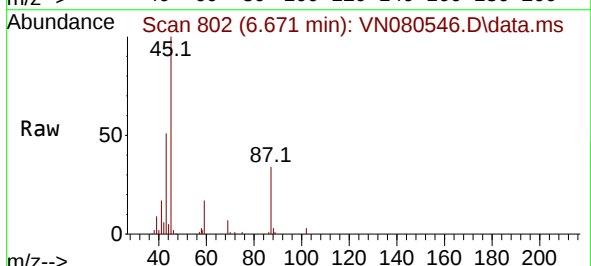
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#22  
Diisopropyl ether  
Concen: 20.553 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

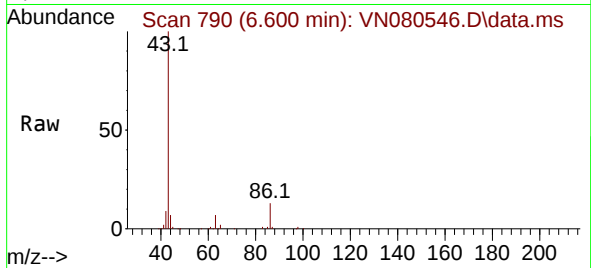
Tgt Ion: 45 Resp: 143076  
Ion Ratio Lower Upper  
45 100  
43 49.9 45.5 68.3  
87 34.3 31.8 47.8  
59 16.9 11.6 17.4





#23  
 Vinyl Acetate  
 Concen: 95.019 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN080546.D  
 Acq: 20 Dec 2023 14:56

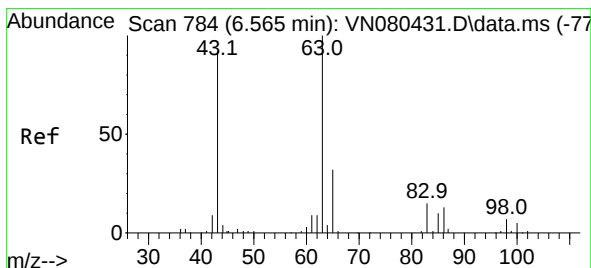
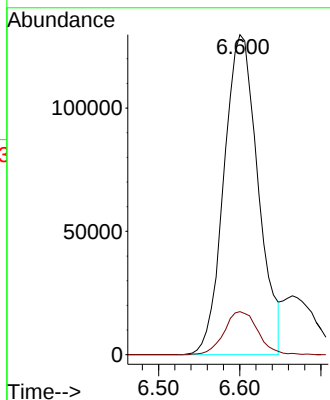
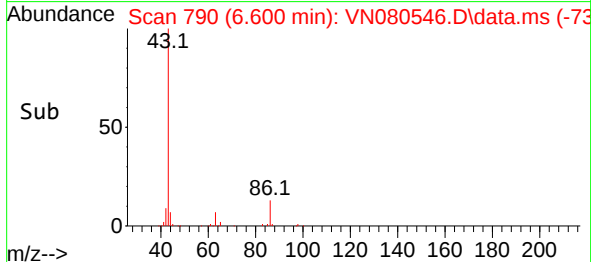
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1220WBSD02



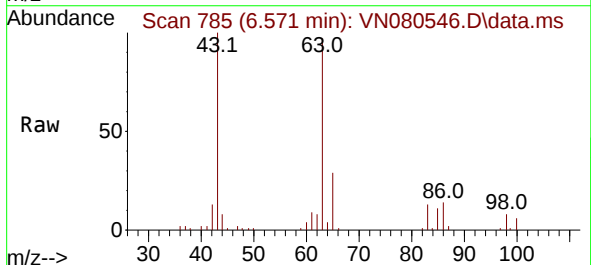
Tgt Ion: 43 Resp: 37989  
 Ion Ratio Lower Upper  
 43 100  
 86 13.4 13.0 19.6

Manual Integrations  
 APPROVED

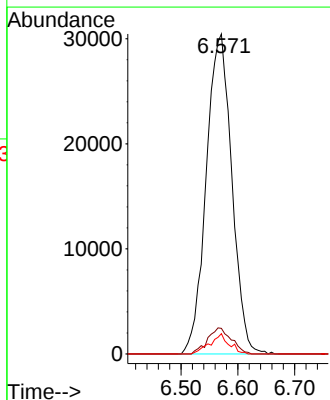
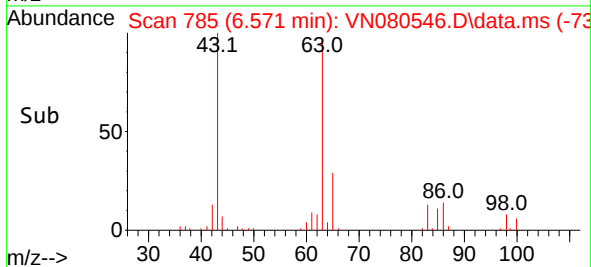
Reviewed By :John Carlone 12/21/2023  
 Supervised By :Mahesh Dadoda 12/21/2023



#24  
 1,1-Dichloroethane  
 Concen: 19.592 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN080546.D  
 Acq: 20 Dec 2023 14:56



Tgt Ion: 63 Resp: 95155  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.9 11.7  
 100 6.4 2.5 7.4





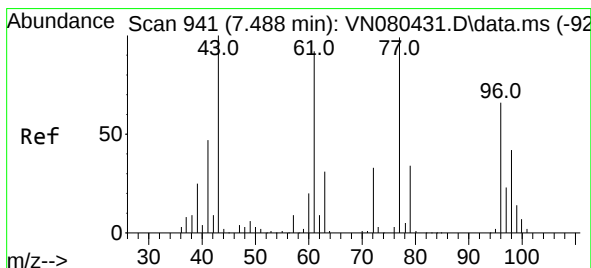
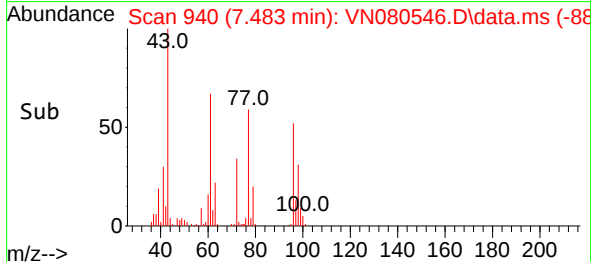
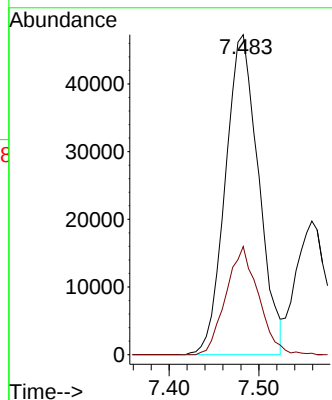
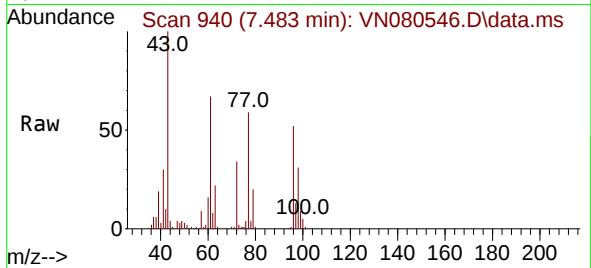
#25  
2-Butanone  
Concen: 114.841 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02

Tgt Ion: 43 Resp: 12149  
Ion Ratio Lower Upper  
43 100  
72 33.8 30.2 45.2

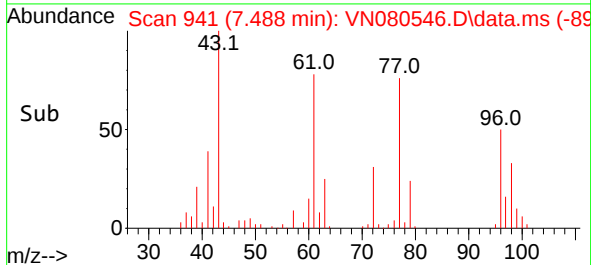
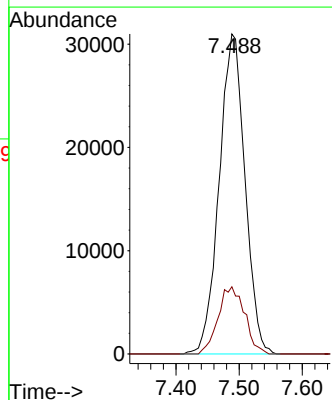
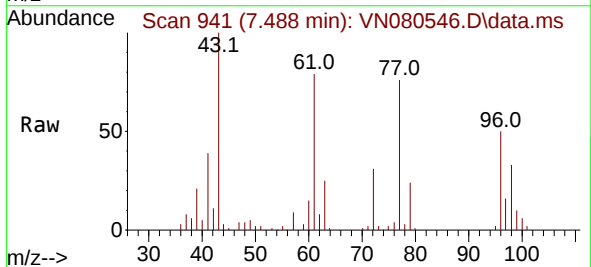
Manual Integrations  
APPROVED

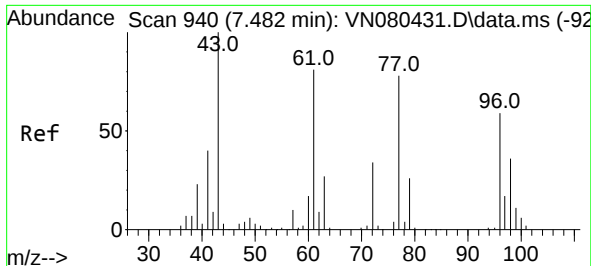
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#26  
2,2-Dichloropropane  
Concen: 17.697 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Tgt Ion: 77 Resp: 87889  
Ion Ratio Lower Upper  
77 100  
97 21.6 11.2 33.6





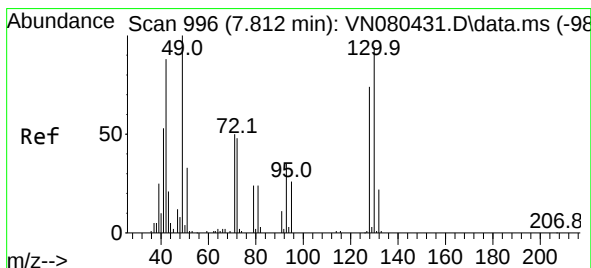
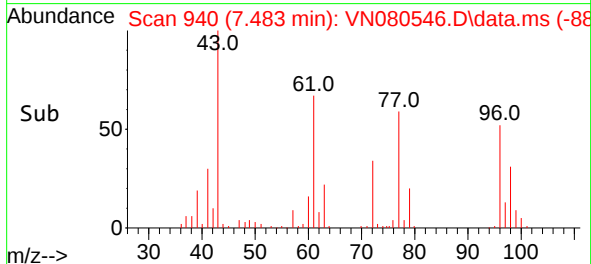
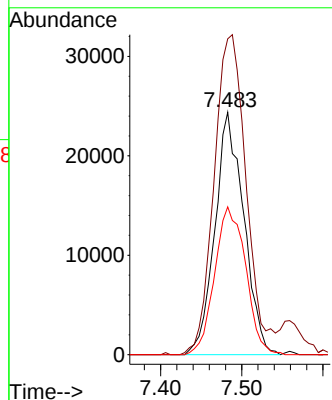
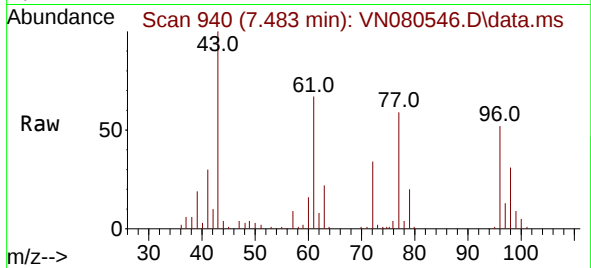
#27  
 cis-1,2-Dichloroethene  
 Concen: 18.819 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.000 min  
 Lab File: VN080546.D  
 Acq: 20 Dec 2023 14:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1220WBSD02

Tgt Ion: 96 Resp: 60212  
 Ion Ratio Lower Upper  
 96 100  
 61 147.1 0.0 255.2  
 98 65.6 0.0 128.8

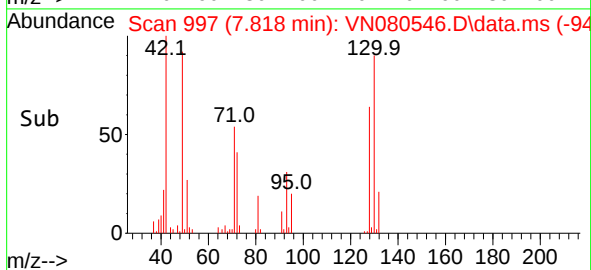
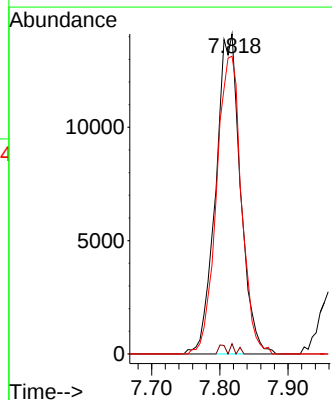
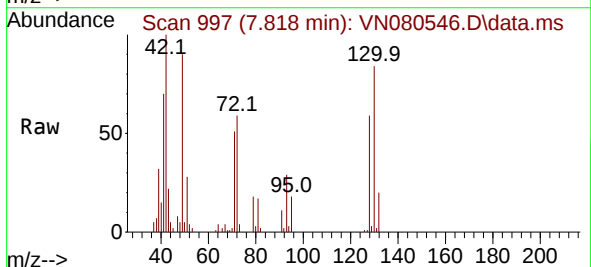
Manual Integrations  
 APPROVED

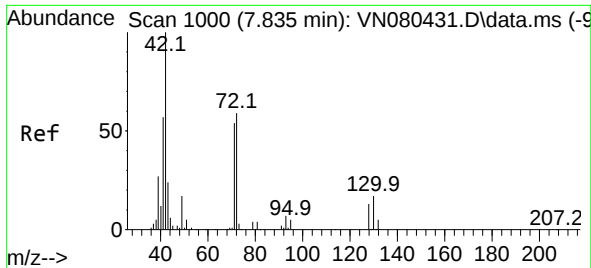
Reviewed By :John Carlone 12/21/2023  
 Supervised By :Mahesh Dadoda 12/21/2023



#28  
 Bromochloromethane  
 Concen: 19.116 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN080546.D  
 Acq: 20 Dec 2023 14:56

Tgt Ion: 49 Resp: 35646  
 Ion Ratio Lower Upper  
 49 100  
 129 0.7 0.0 4.8  
 130 93.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 100.363 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBSD02

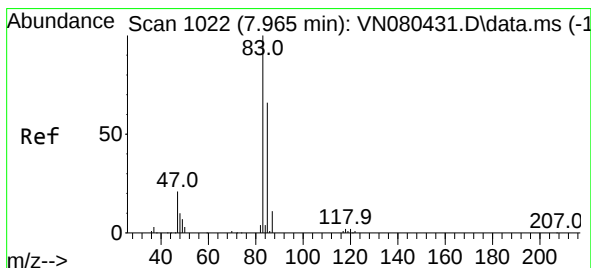
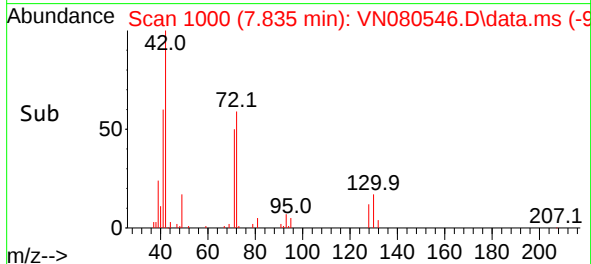
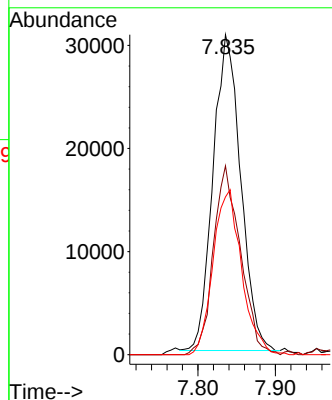
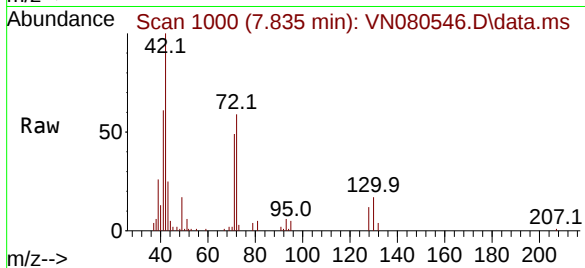
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 7603 |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 58.6  | 49.8  | 74.6 |
| 71        | 53.8  | 47.4  | 71.2 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#30

Chloroform

Concen: 20.594 ug/l

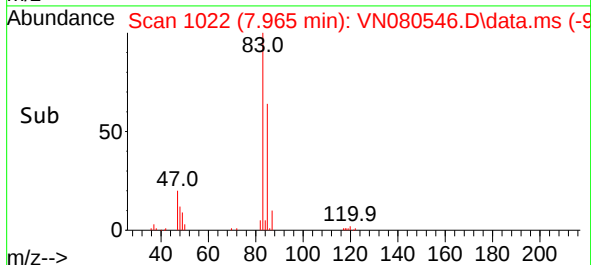
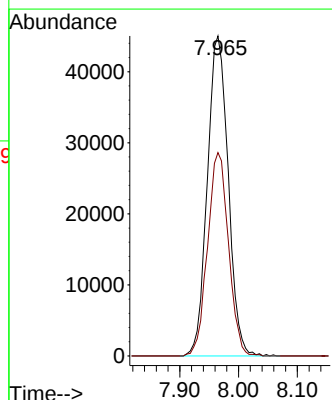
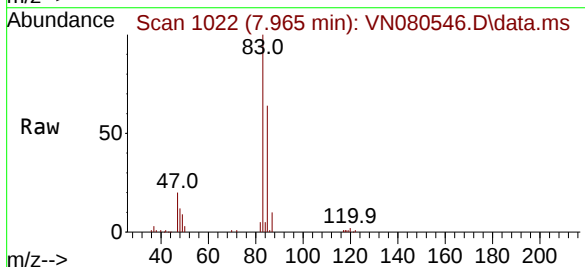
RT: 7.965 min Scan# 1022

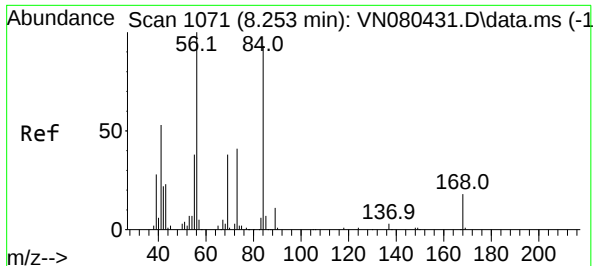
Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

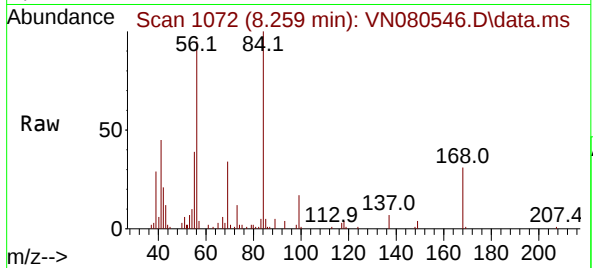
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 111026 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.5  | 55.4  | 83.0   |





#31  
Cyclohexane  
Concen: 15.708 ug/l  
RT: 8.259 min Scan# 1071  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

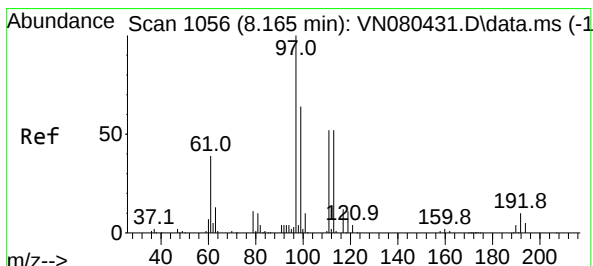
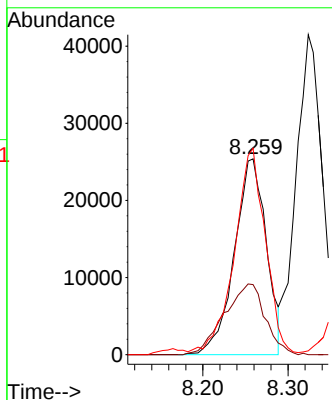
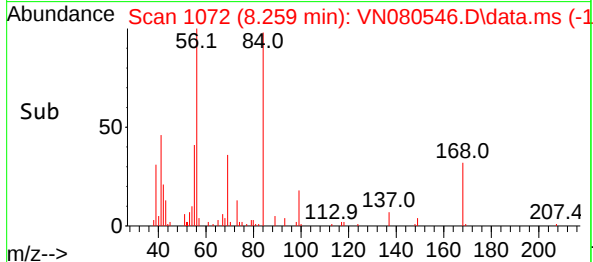
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



Tgt Ion: 56 Resp: 66160  
Ion Ratio Lower Upper  
56 100  
69 35.7 26.8 40.2  
84 103.2 81.8 122.6

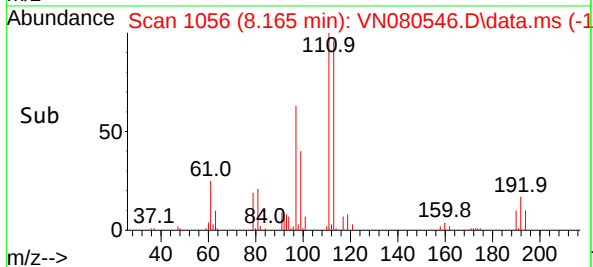
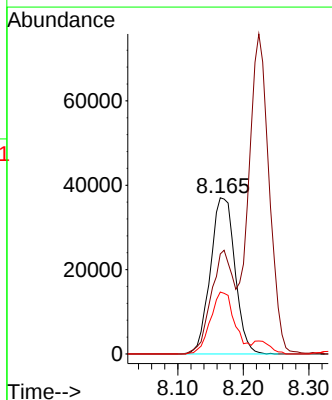
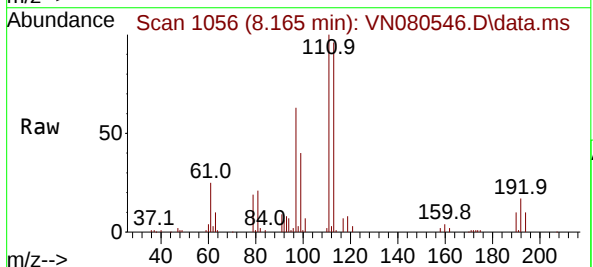
Manual Integrations  
APPROVED

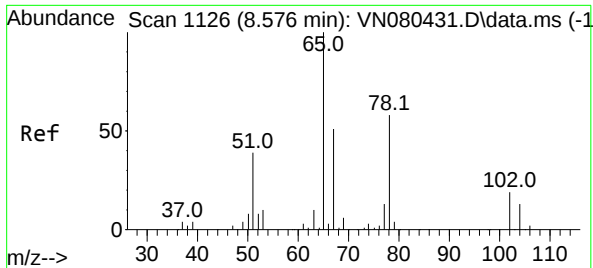
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#32  
1,1,1-Trichloroethane  
Concen: 18.235 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Tgt Ion: 97 Resp: 96253  
Ion Ratio Lower Upper  
97 100  
99 59.7 50.3 75.5  
61 39.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 59.491 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBSD02

Tgt Ion: 65 Resp: 18425

Ion Ratio Lower Upper

65 100

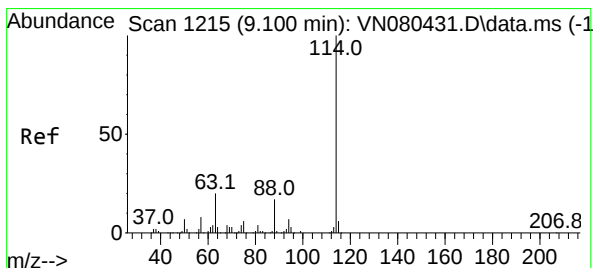
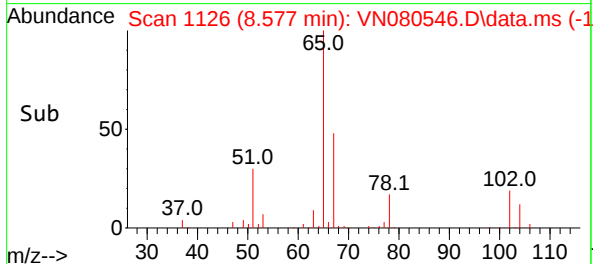
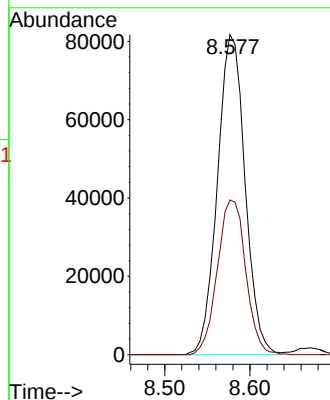
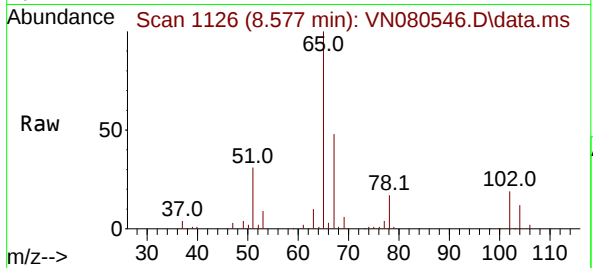
67 49.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

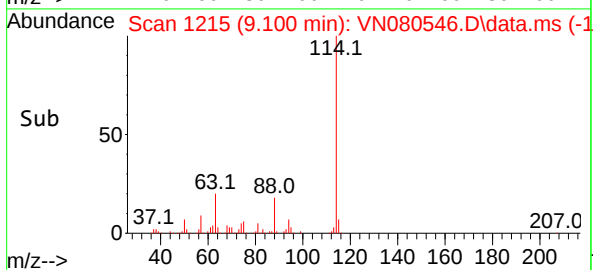
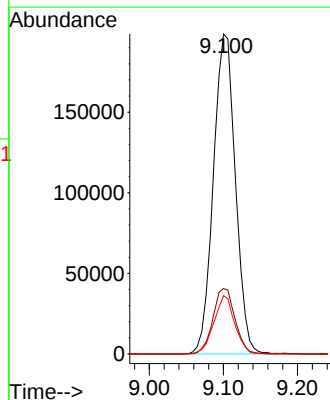
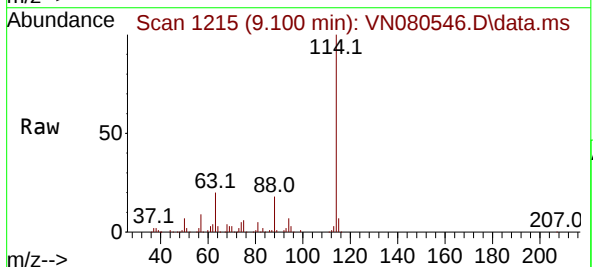
Tgt Ion:114 Resp: 409815

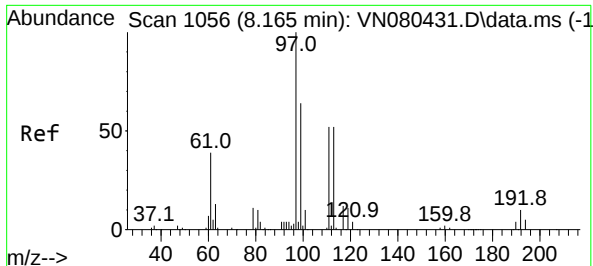
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

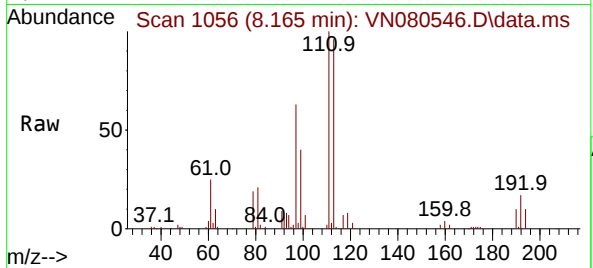
88 18.2 0.0 30.6





#35  
Dibromofluoromethane  
Concen: 53.273 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

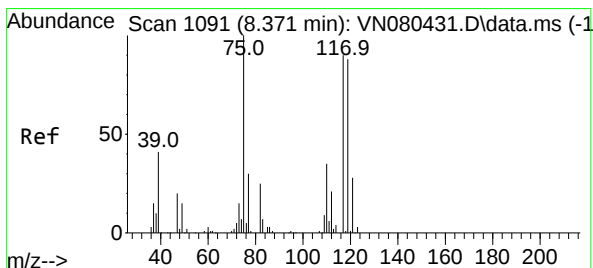
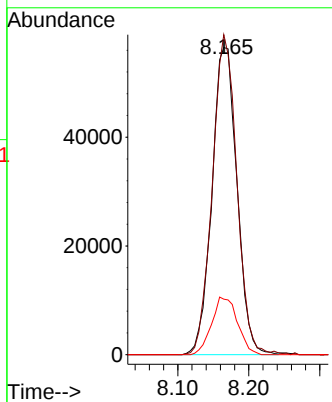
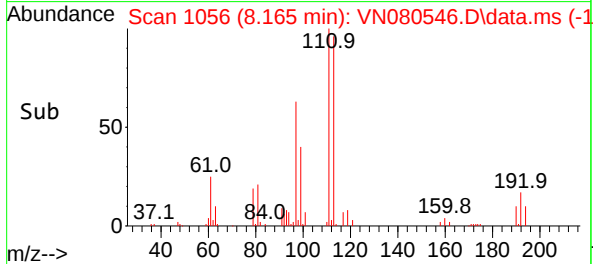
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



Tgt Ion:113 Resp: 13842  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.6 123.8  
192 19.3 12.7 19.1

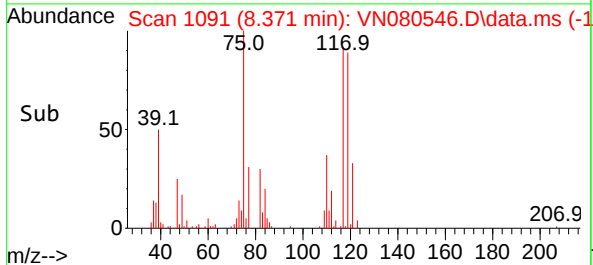
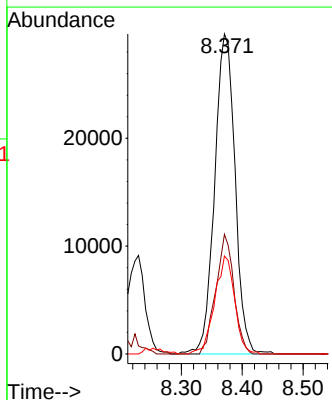
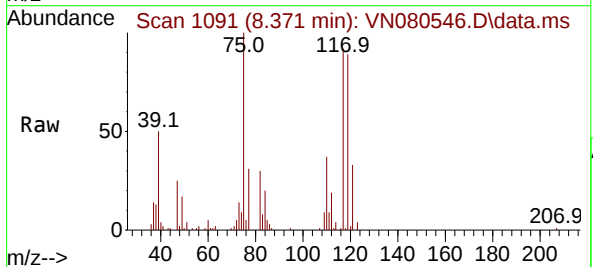
Manual Integrations  
APPROVED

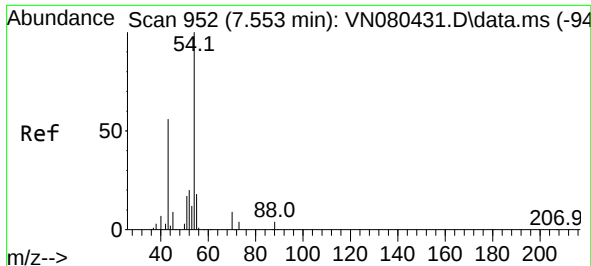
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#36  
1,1-Dichloropropene  
Concen: 16.288 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Tgt Ion: 75 Resp: 69200  
Ion Ratio Lower Upper  
75 100  
110 33.2 19.1 57.3  
77 29.9 25.0 37.4





#37

Ethyl Acetate

Concen: 18.426 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBSD02

Tgt Ion: 43 Resp: 49020

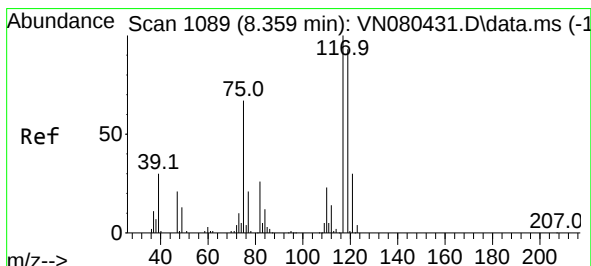
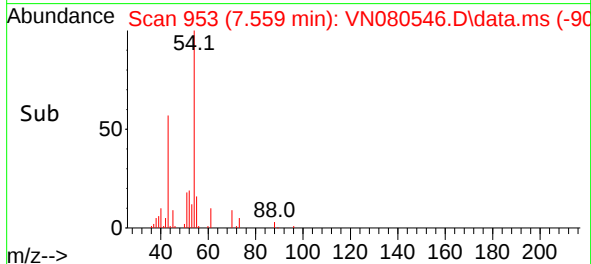
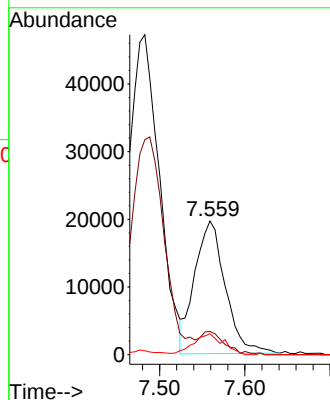
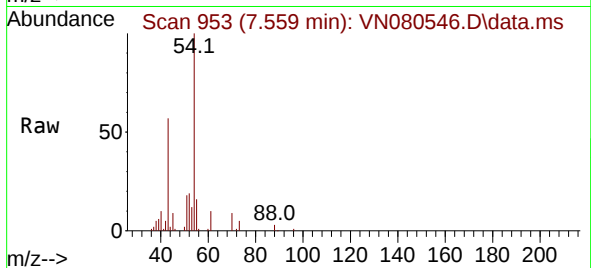
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.1  | 13.2  | 19.8  |
| 70  | 15.4  | 11.3  | 16.9  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#38

Carbon Tetrachloride

Concen: 16.227 ug/l

RT: 8.359 min Scan# 1089

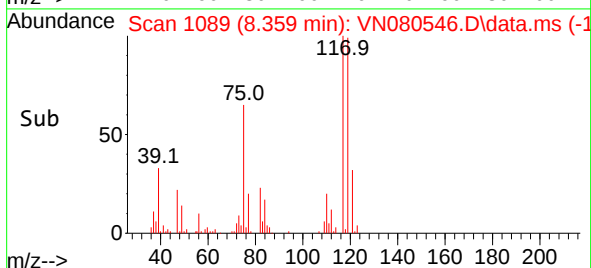
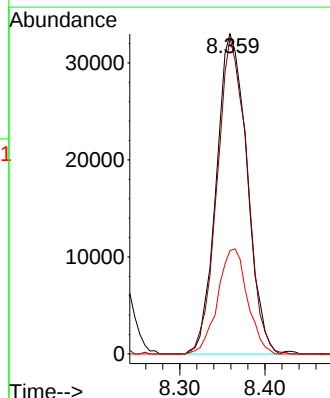
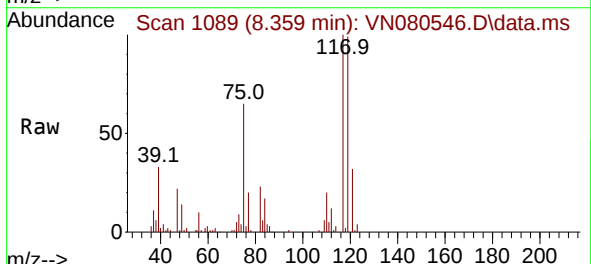
Delta R.T. 0.000 min

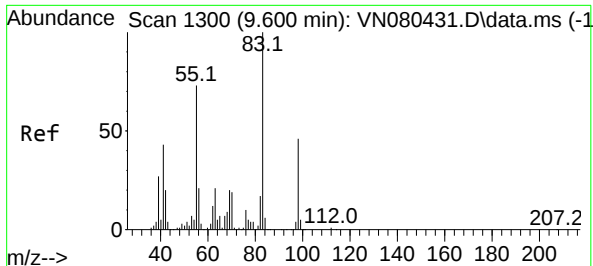
Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Tgt Ion:117 Resp: 82376

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 98.6  | 77.3  | 115.9 |
| 121 | 32.4  | 23.3  | 34.9  |





#39

Methylcyclohexane

Concen: 14.865 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBSD02

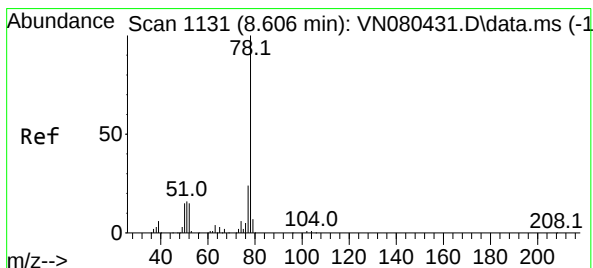
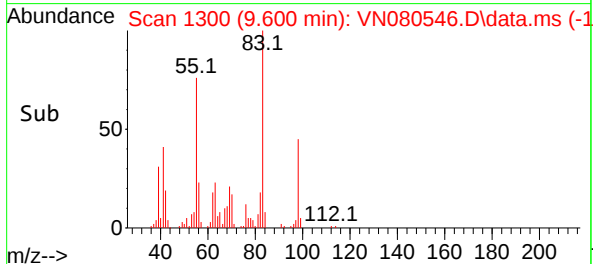
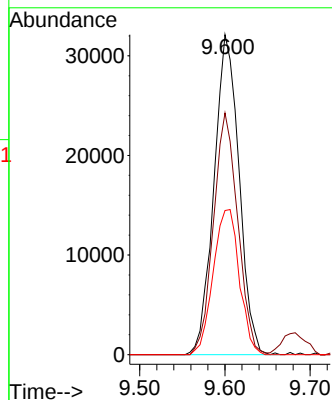
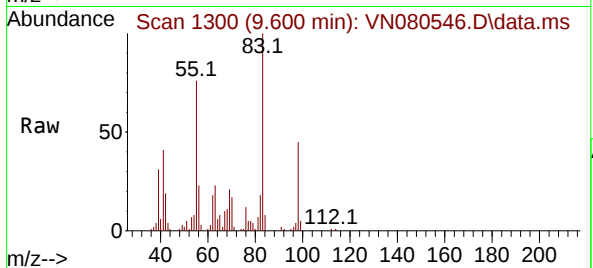
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 65600 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 75.6  | 49.1  | 73.7  |
| 98        | 45.1  | 40.6  | 61.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#40

Benzene

Concen: 17.381 ug/l

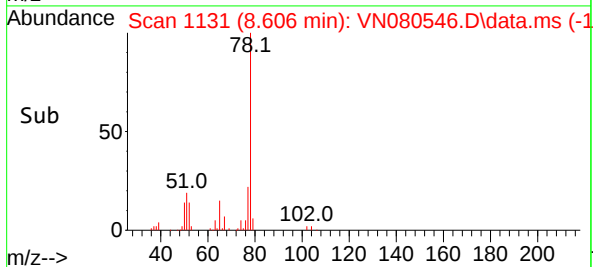
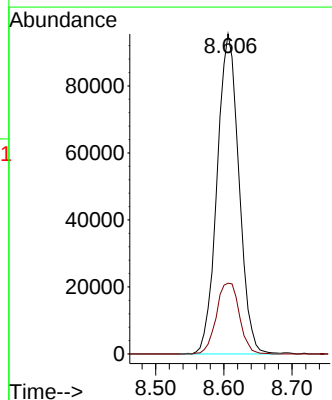
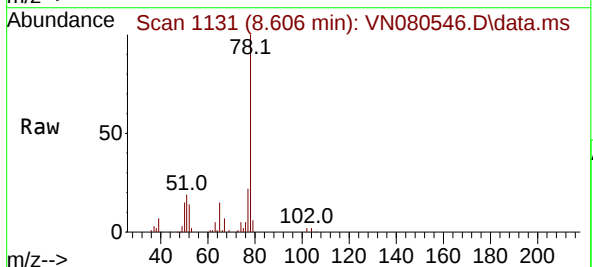
RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

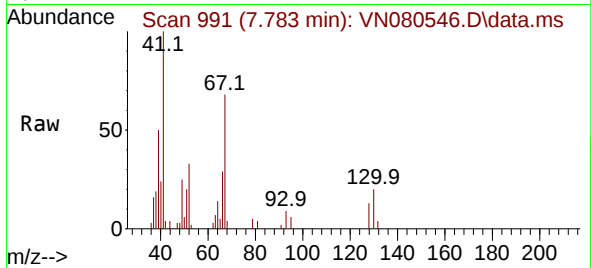
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 78    | Resp: | 213231 |
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 22.1  | 19.0  | 28.6   |





#41  
Methacrylonitrile  
Concen: 18.839 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. 0.012 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

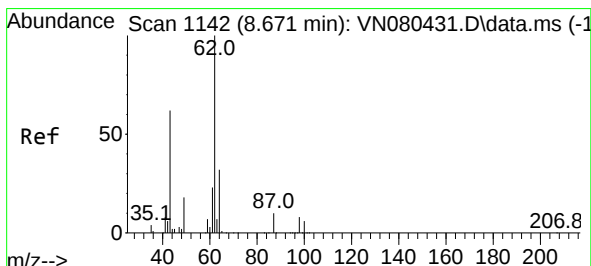
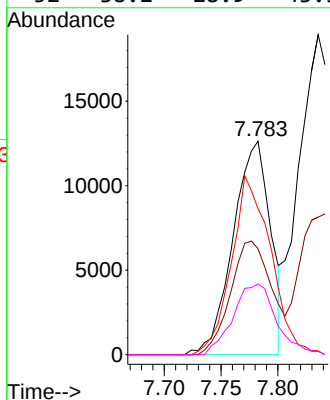
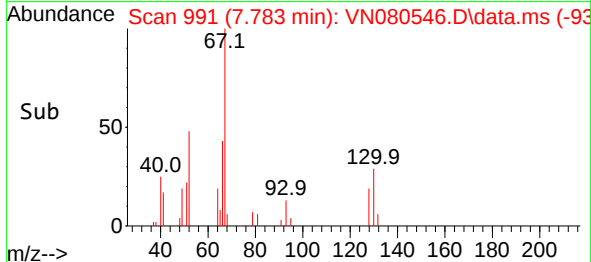
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



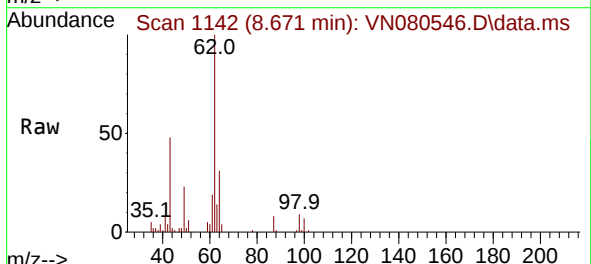
Tgt Ion: 41 Resp: 2889  
Ion Ratio Lower Upper  
41 100  
39 58.8 42.6 64.0  
67 88.0 77.5 116.3  
52 38.2 28.9 43.3

Manual Integrations  
APPROVED

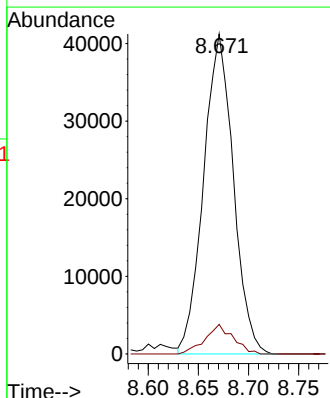
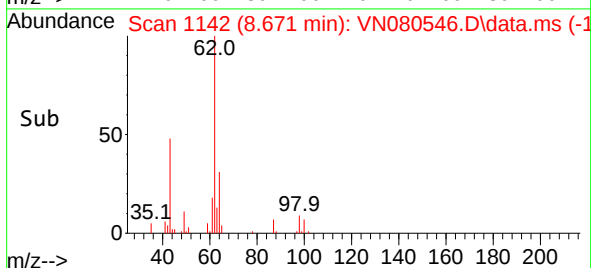
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023

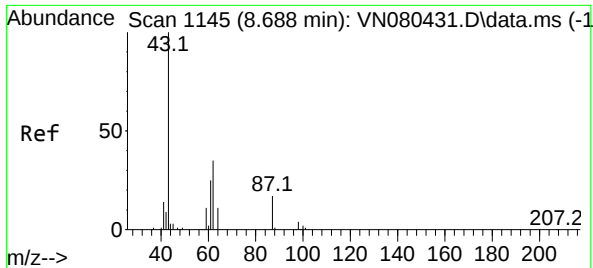


#42  
1,2-Dichloroethane  
Concen: 18.738 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56



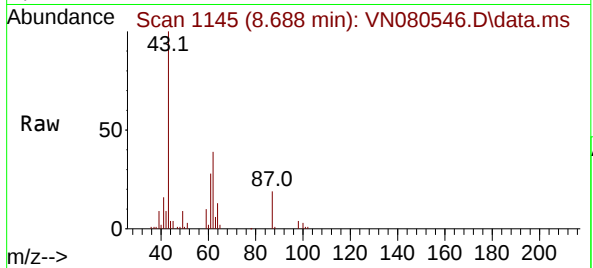
Tgt Ion: 62 Resp: 85128  
Ion Ratio Lower Upper  
62 100  
98 8.7 0.0 19.8





#43  
Isopropyl Acetate  
Concen: 18.494 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

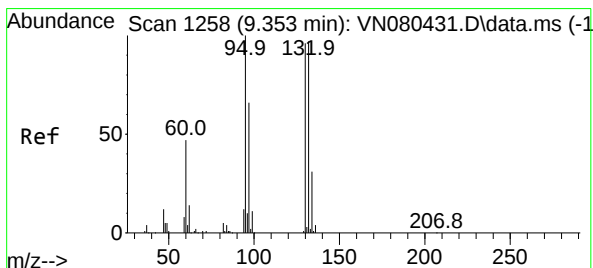
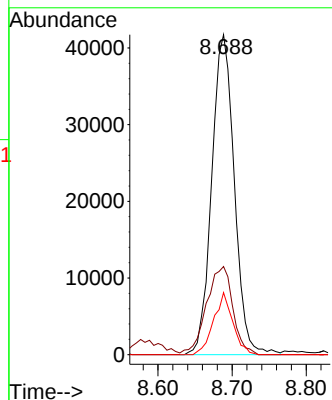
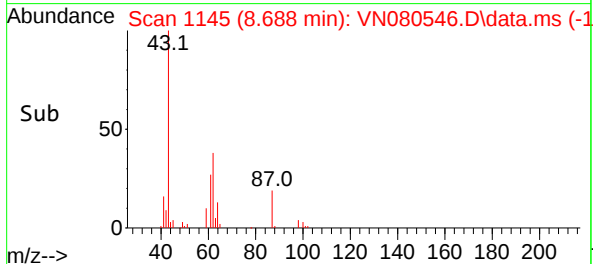
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



Tgt Ion: 43 Resp: 88460  
Ion Ratio Lower Upper  
43 100  
61 32.1 24.7 37.1  
87 16.5 14.6 21.8

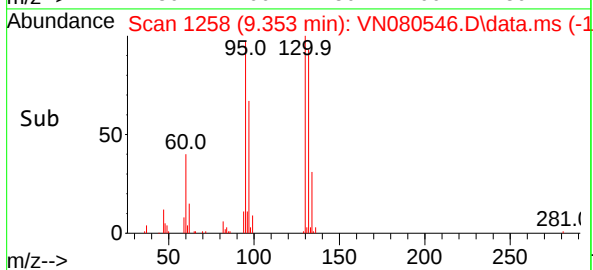
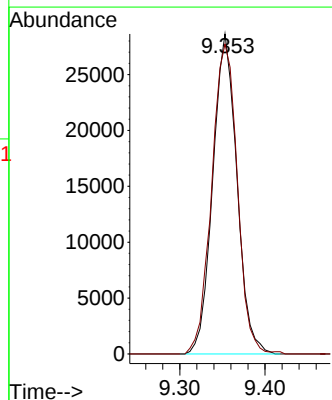
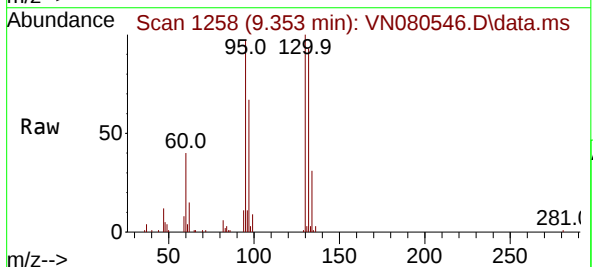
Manual Integrations  
APPROVED

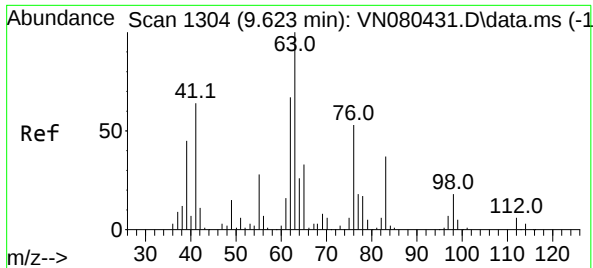
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#44  
Trichloroethene  
Concen: 17.030 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Tgt Ion:130 Resp: 56324  
Ion Ratio Lower Upper  
130 100  
95 96.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.491 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBSD02

Tgt Ion: 63 Resp: 5328

Ion Ratio Lower Upper

63 100

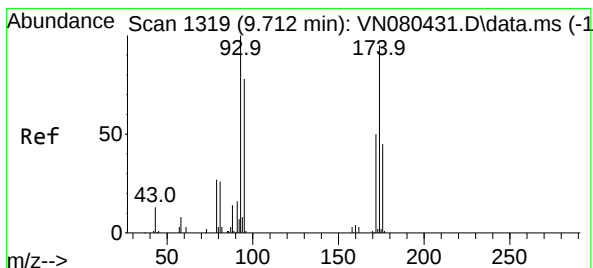
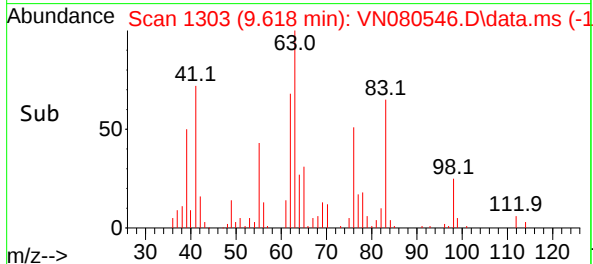
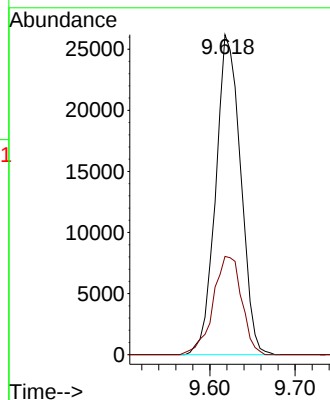
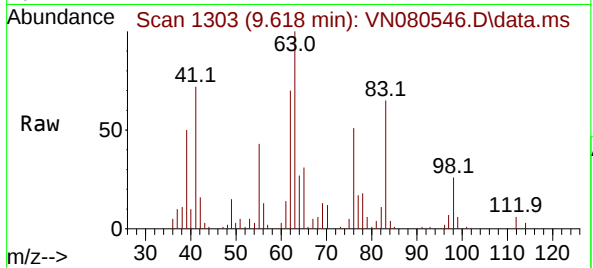
65 30.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#46

Dibromomethane

Concen: 18.967 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

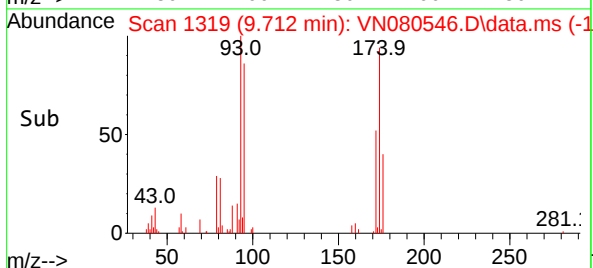
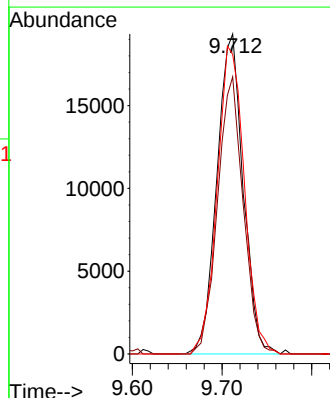
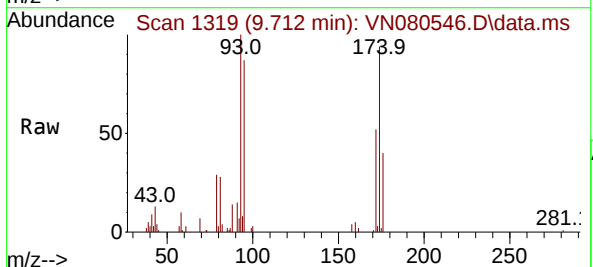
Tgt Ion: 93 Resp: 39247

Ion Ratio Lower Upper

93 100

95 84.6 63.8 95.8

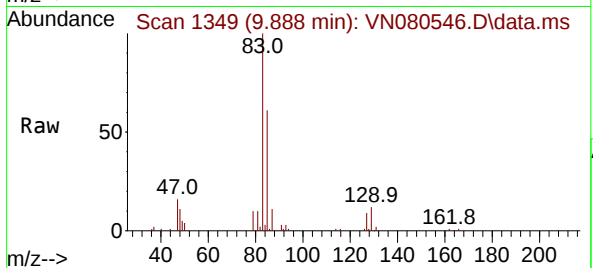
174 99.3 65.6 98.4#





#47  
Bromodichloromethane  
Concen: 18.918 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

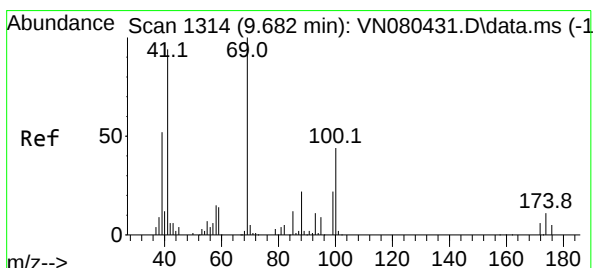
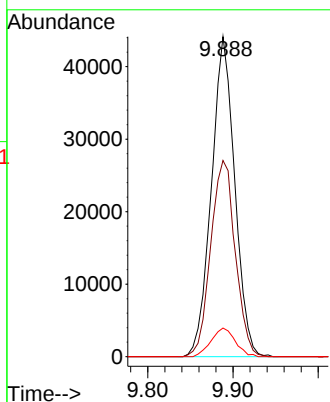
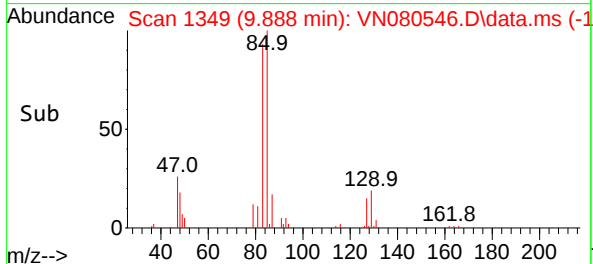
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



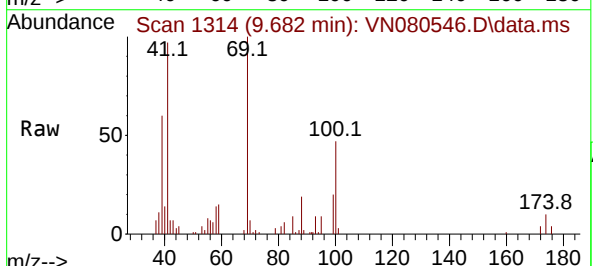
Tgt Ion: 83 Resp: 8389  
Ion Ratio Lower Upper  
83 100  
85 61.3 49.6 74.4  
127 9.0 7.0 10.6

Manual Integrations  
APPROVED

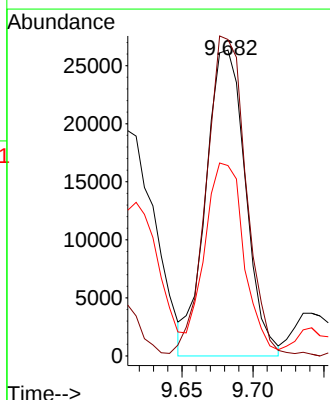
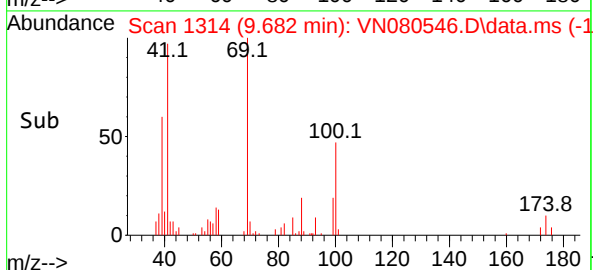
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023

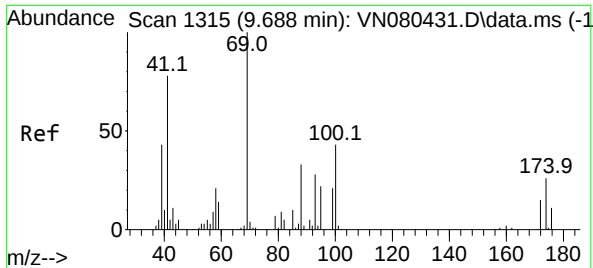


#48  
Methyl methacrylate  
Concen: 17.966 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56



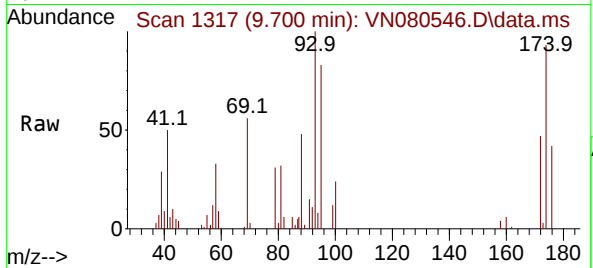
Tgt Ion: 41 Resp: 51285  
Ion Ratio Lower Upper  
41 100  
69 104.7 90.4 135.6  
39 62.4 54.6 81.8





#49  
1,4-Dioxane  
Concen: 360.450 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

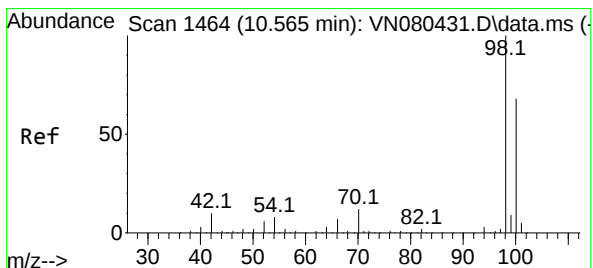
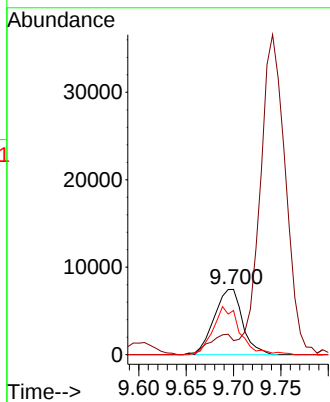
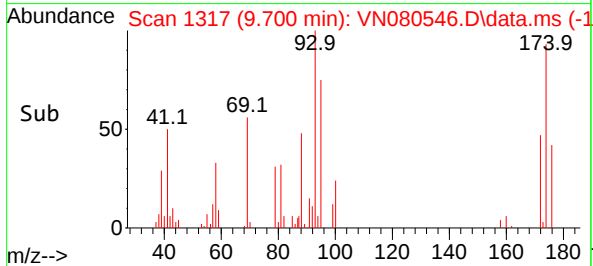
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



Tgt Ion: 88 Resp: 15590  
Ion Ratio Lower Upper  
88 100  
43 26.4 17.0 25.6  
58 70.1 47.0 70.4

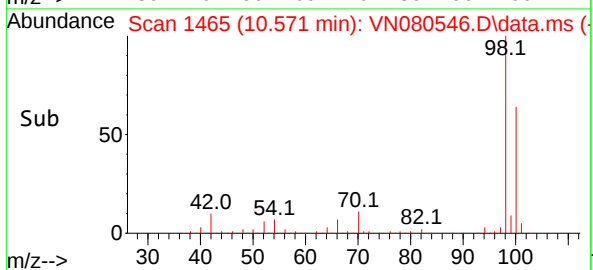
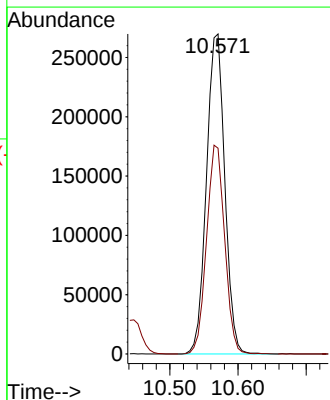
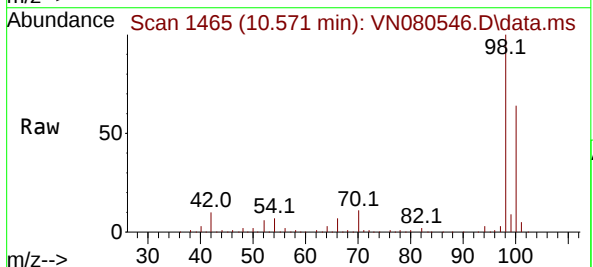
Manual Integrations  
APPROVED

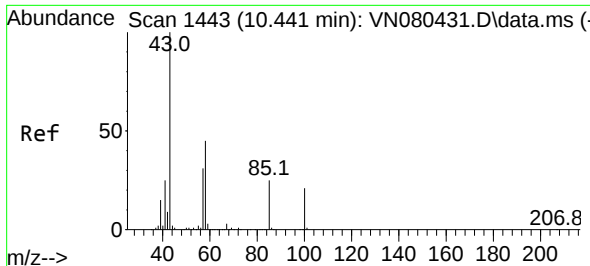
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#50  
Toluene-d8  
Concen: 52.013 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

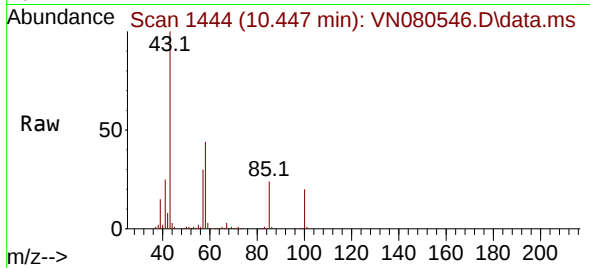
Tgt Ion: 98 Resp: 504039  
Ion Ratio Lower Upper  
98 100  
100 64.5 52.0 78.0





#51  
4-Methyl-2-Pentanone  
Concen: 100.031 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

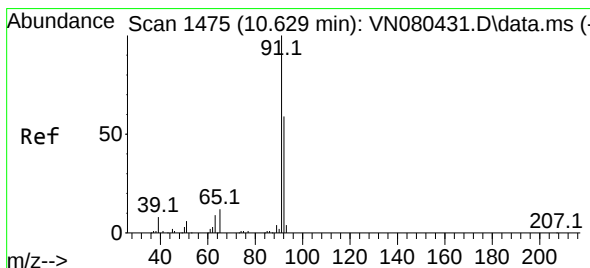
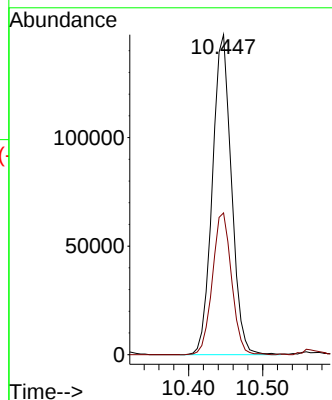
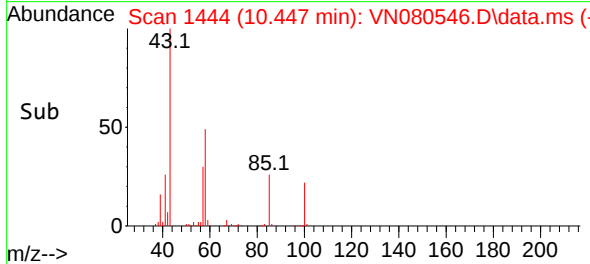
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



Tgt Ion: 43 Resp: 26353  
Ion Ratio Lower Upper  
43 100  
58 44.4 36.6 54.8

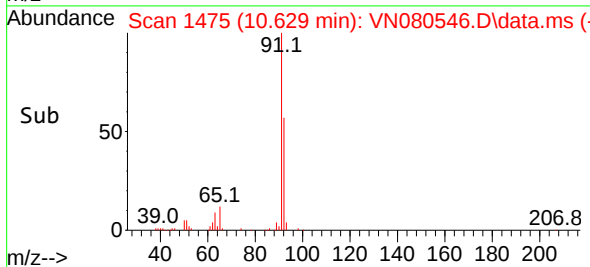
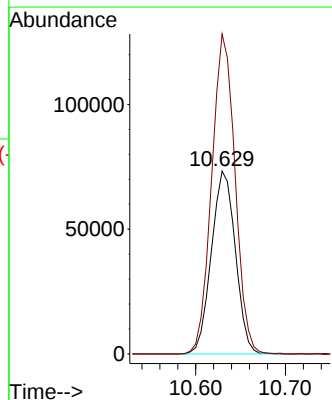
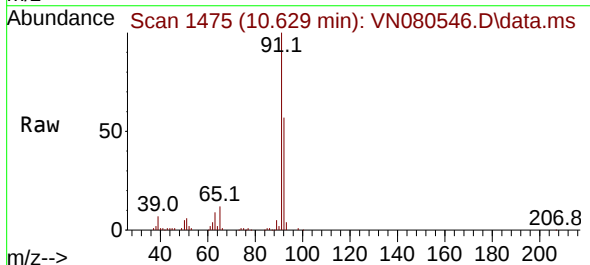
Manual Integrations  
APPROVED

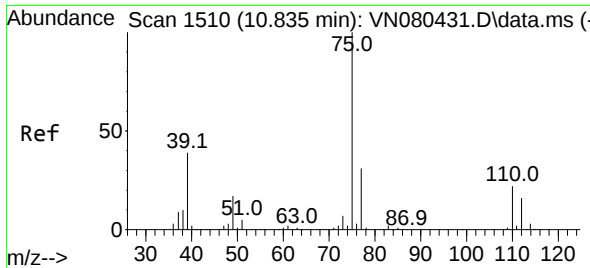
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#52  
Toluene  
Concen: 17.574 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

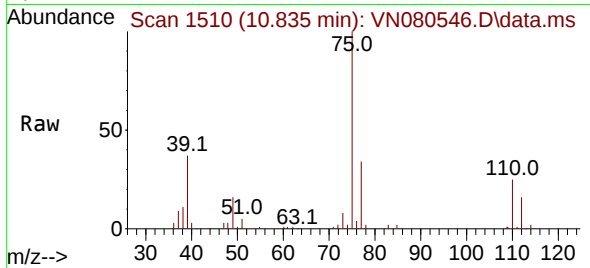
Tgt Ion: 92 Resp: 136204  
Ion Ratio Lower Upper  
92 100  
91 170.3 137.4 206.0





#53  
t-1,3-Dichloropropene  
Concen: 18.302 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

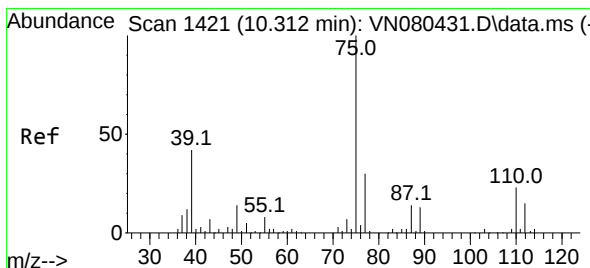
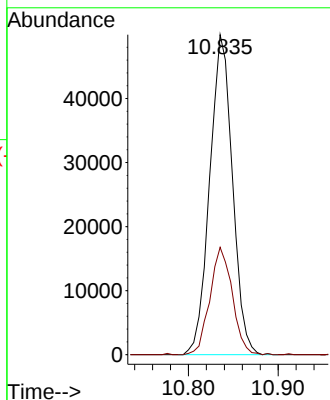
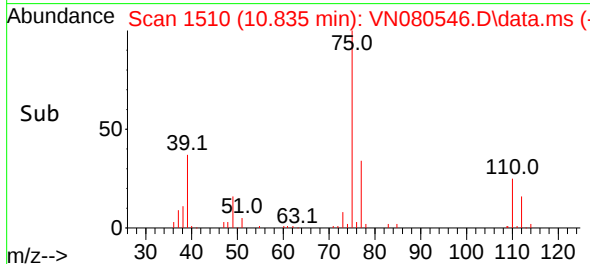
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



Tgt Ion: 75 Resp: 87818  
Ion Ratio Lower Upper  
75 100  
77 33.6 25.4 38.0

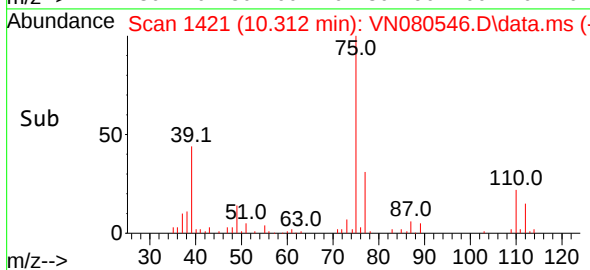
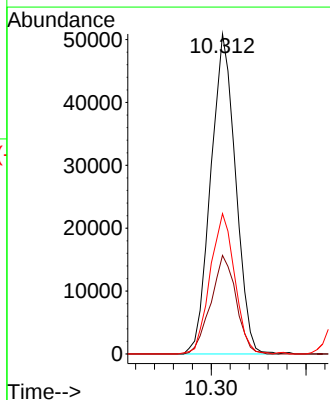
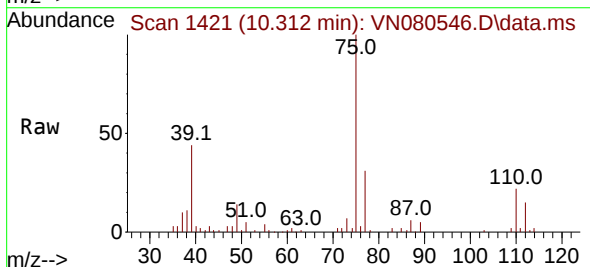
Manual Integrations  
APPROVED

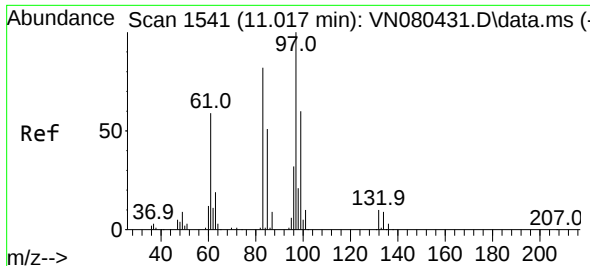
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#54  
cis-1,3-Dichloropropene  
Concen: 18.040 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

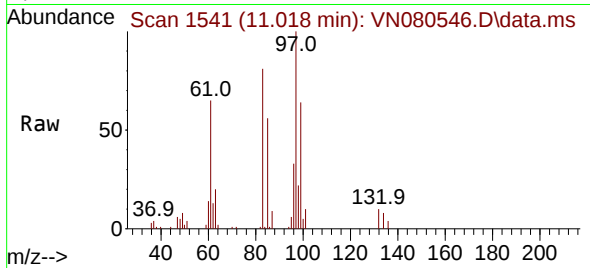
Tgt Ion: 75 Resp: 92520  
Ion Ratio Lower Upper  
75 100  
77 30.8 26.1 39.1  
39 43.9 31.6 47.4





#55  
1,1,2-Trichloroethane  
Concen: 20.350 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

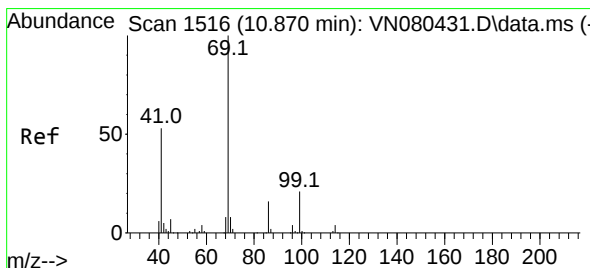
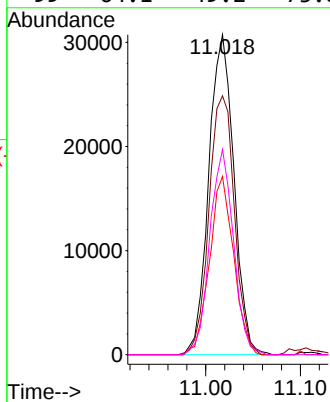
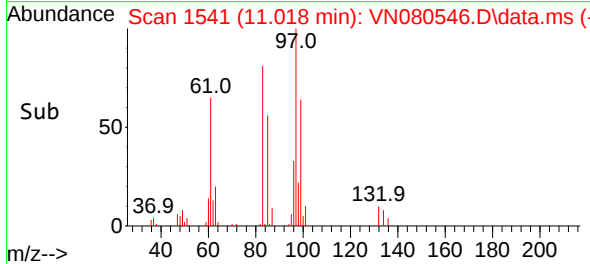
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 80.9  | 65.1  | 97.7  |
| 85      | 55.7  | 43.4  | 65.2  |
| 99      | 64.1  | 49.2  | 73.8  |

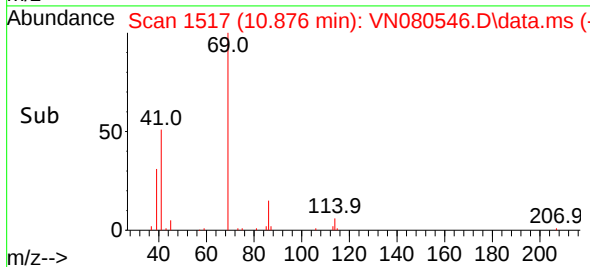
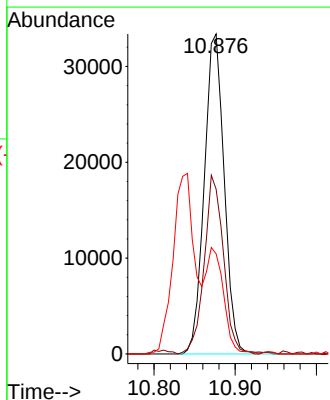
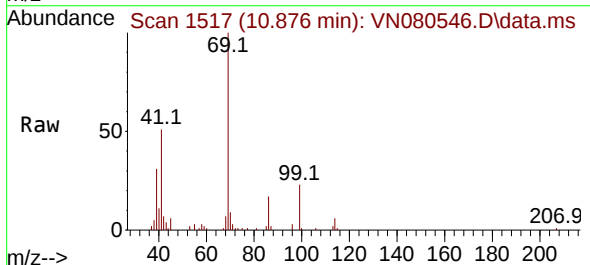
Manual Integrations  
APPROVED

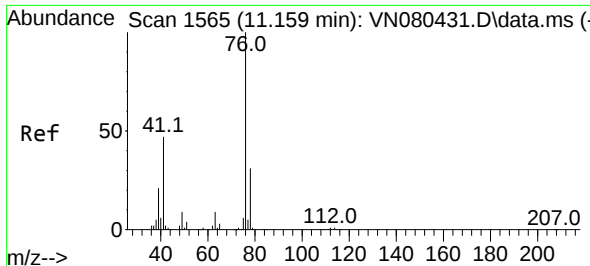
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#56  
Ethyl methacrylate  
Concen: 18.444 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 53.8  | 39.6  | 59.4  |
| 39      | 29.0  | 28.6  | 43.0  |





#57

1,3-Dichloropropane

Concen: 18.807 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBSD02

Tgt Ion: 76 Resp: 91940

Ion Ratio Lower Upper

76 100

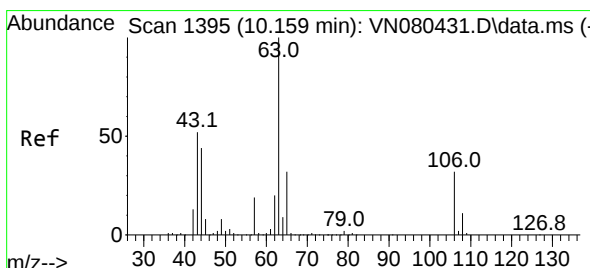
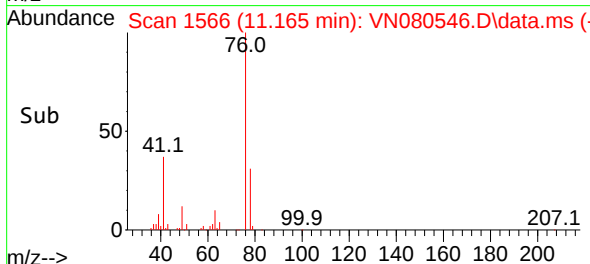
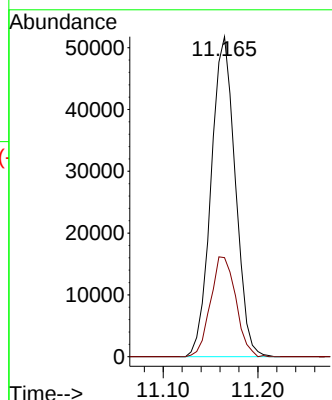
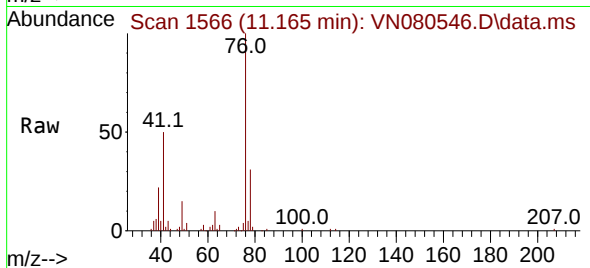
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 81.855 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080546.D

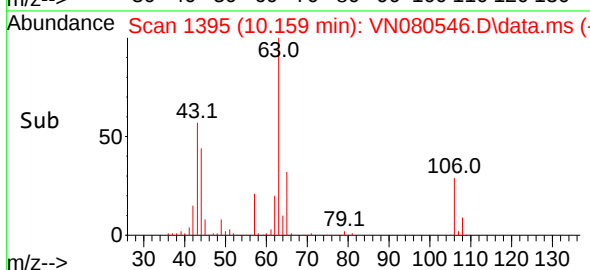
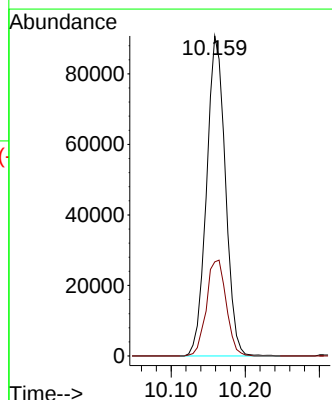
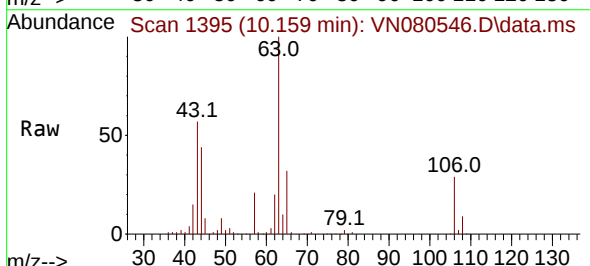
Acq: 20 Dec 2023 14:56

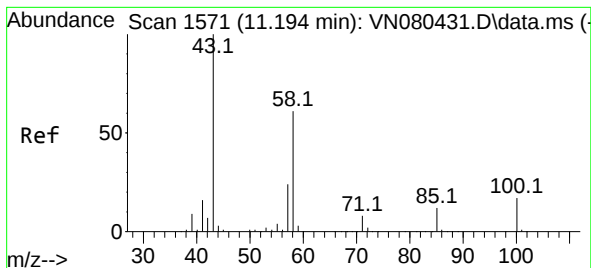
Tgt Ion: 63 Resp: 159547

Ion Ratio Lower Upper

63 100

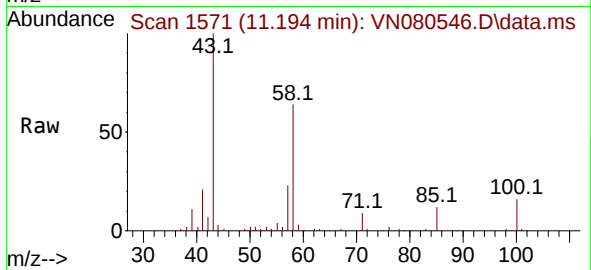
106 31.6 26.2 39.4





#59  
2-Hexanone  
Concen: 97.263 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

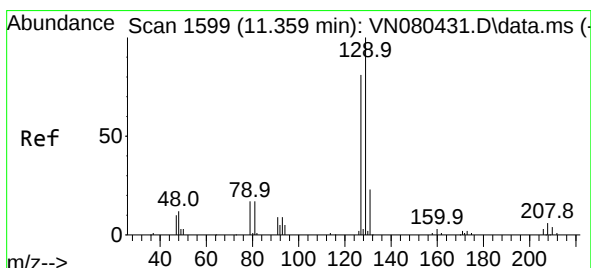
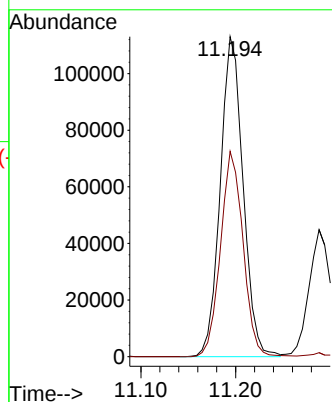
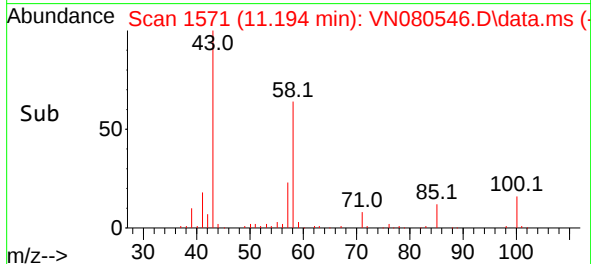
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



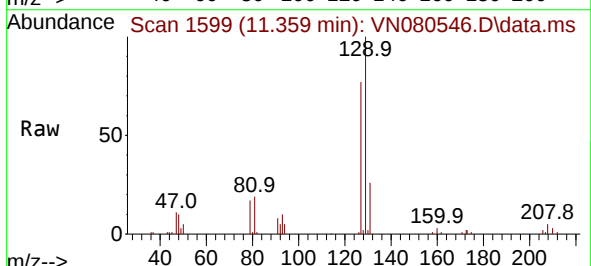
Tgt Ion: 43 Resp: 189169  
Ion Ratio Lower Upper  
43 100  
58 63.5 31.7 95.1

Manual Integrations  
APPROVED

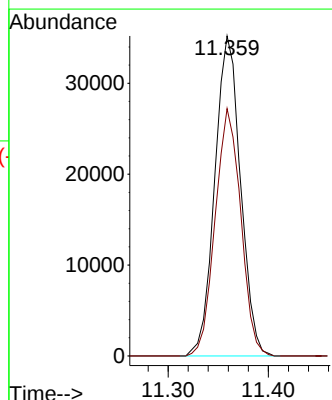
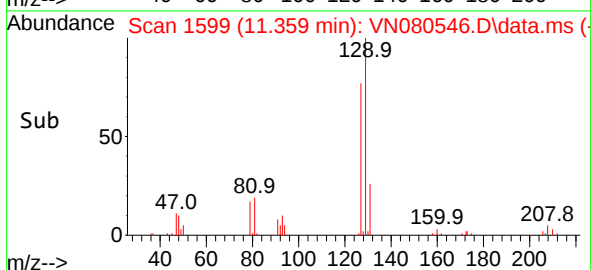
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#60  
Dibromochloromethane  
Concen: 18.994 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56



Tgt Ion:129 Resp: 62767  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.6 116.0





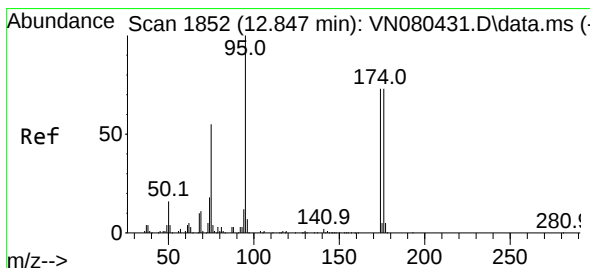
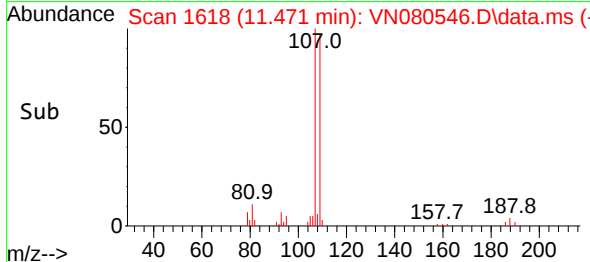
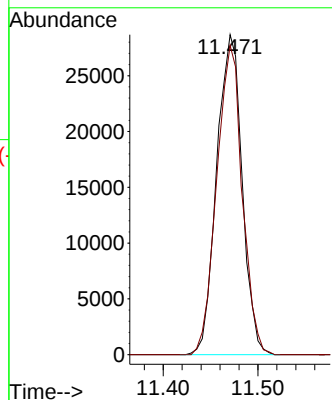
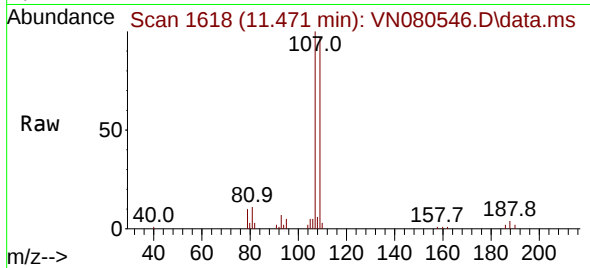
#61  
1,2-Dibromoethane  
Concen: 18.536 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02

Tgt Ion:107 Resp: 5350  
Ion Ratio Lower Upper  
107 100  
109 97.2 76.6 114.8

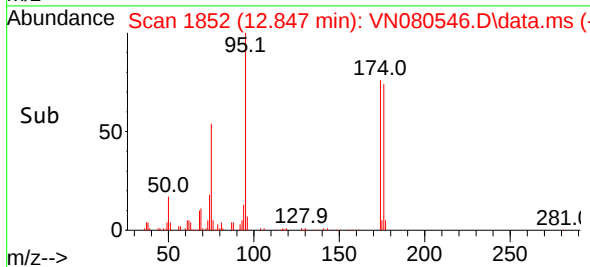
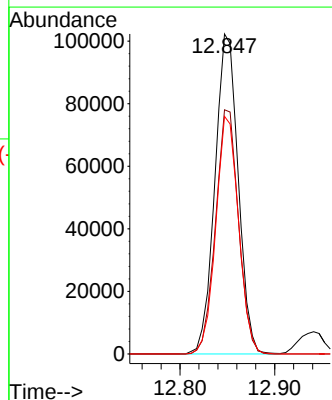
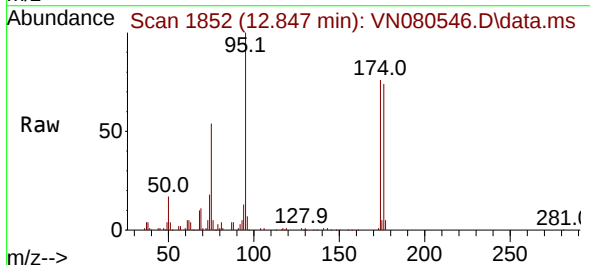
Manual Integrations  
APPROVED

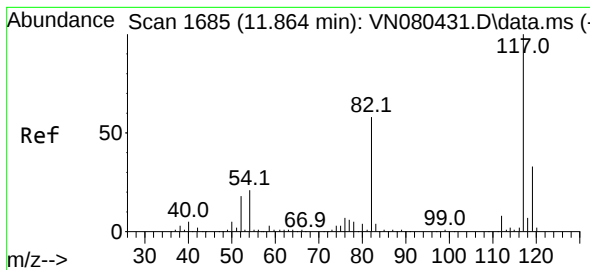
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#62  
4-Bromofluorobenzene  
Concen: 47.421 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

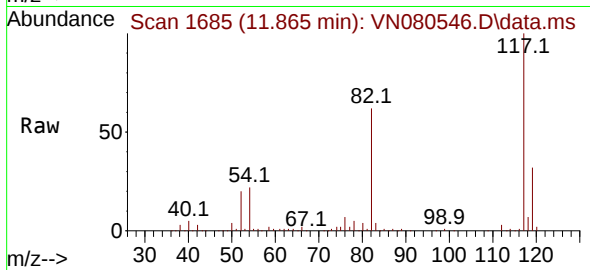
Tgt Ion: 95 Resp: 174499  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 143.8  
176 72.7 0.0 135.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

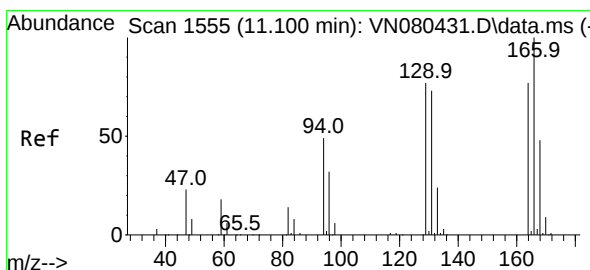
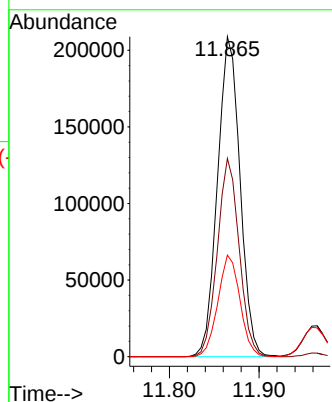
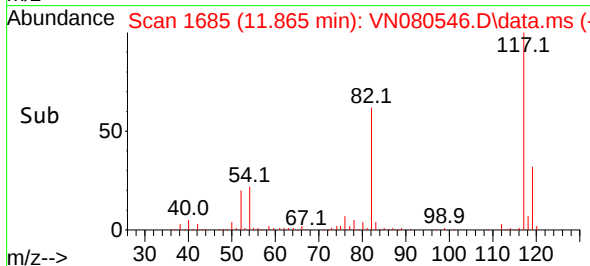
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



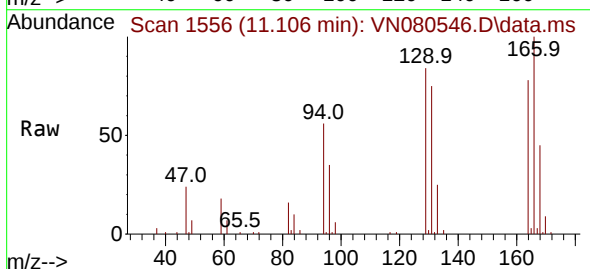
Tgt Ion:117 Resp: 36470  
Ion Ratio Lower Upper  
117 100  
82 62.0 44.0 66.0  
119 31.8 25.6 38.4

Manual Integrations  
APPROVED

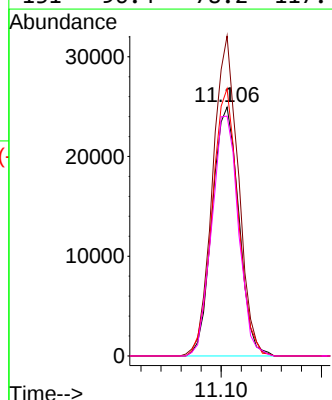
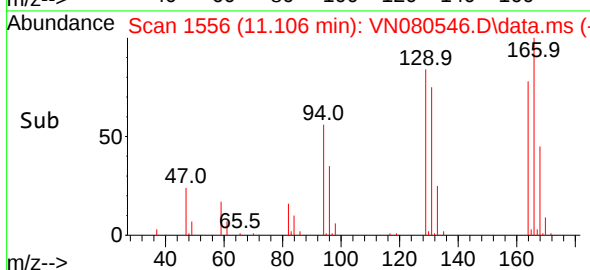
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023

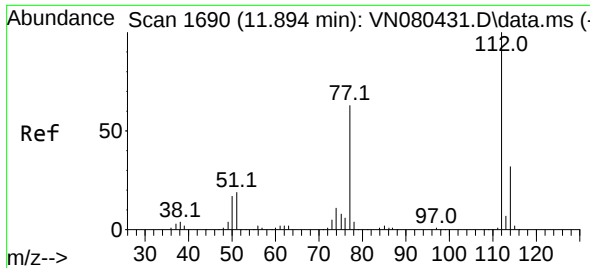


#64  
Tetrachloroethene  
Concen: 16.395 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56



Tgt Ion:164 Resp: 46167  
Ion Ratio Lower Upper  
164 100  
166 128.6 101.4 152.0  
129 107.4 82.4 123.6  
131 96.4 78.2 117.4





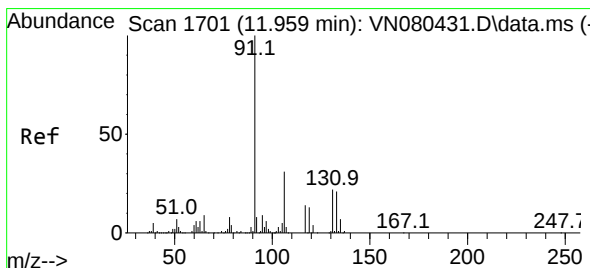
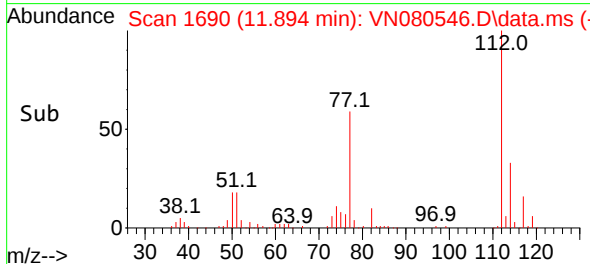
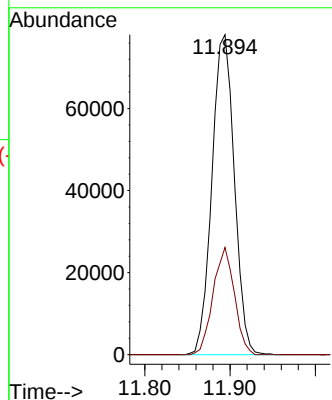
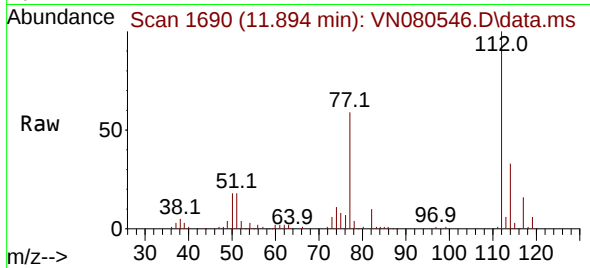
#65  
Chlorobenzene  
Concen: 17.536 ug/l  
RT: 11.894 min Scan# 1112  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02

Tgt Ion:112 Resp: 142272  
Ion Ratio Lower Upper  
112 100  
114 33.5 25.0 37.4

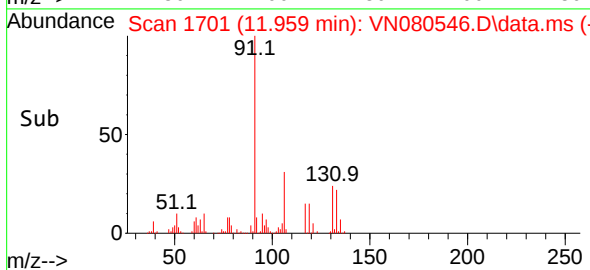
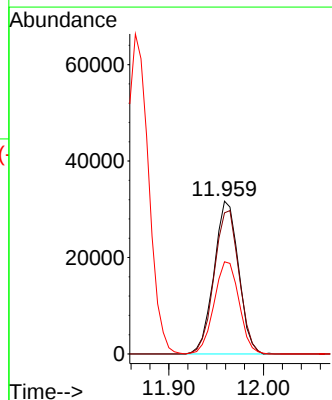
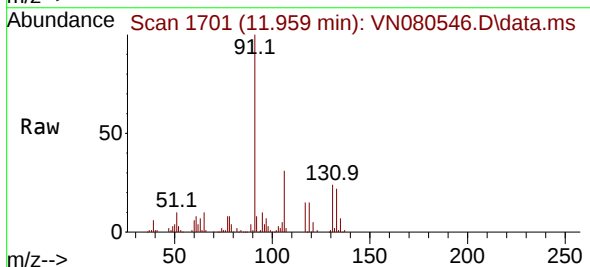
Manual Integrations  
APPROVED

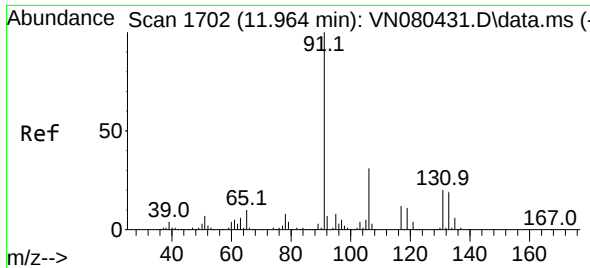
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.967 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

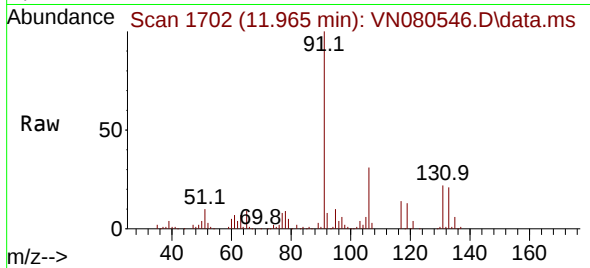
Tgt Ion:131 Resp: 57195  
Ion Ratio Lower Upper  
131 100  
133 95.2 46.4 139.1  
119 61.4 34.1 102.2





#67  
Ethyl Benzene  
Concen: 16.327 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

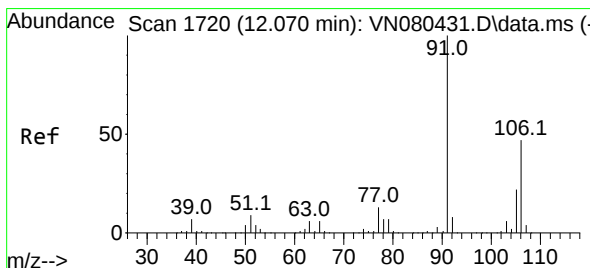
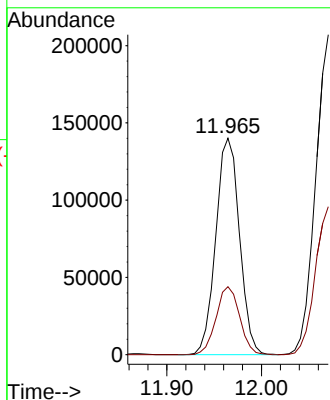
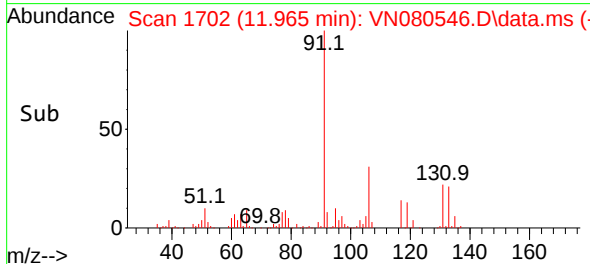
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



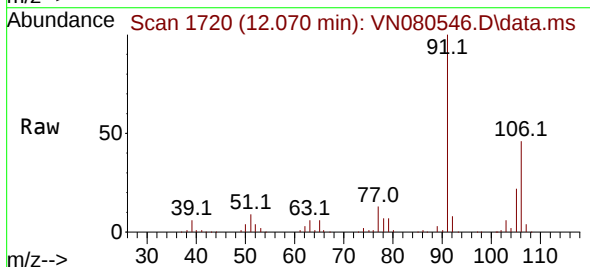
Tgt Ion: 91 Resp: 24356  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.6 38.4

Manual Integrations  
APPROVED

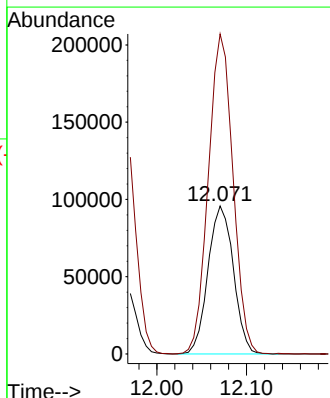
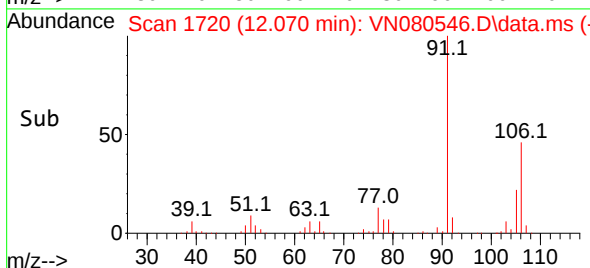
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023

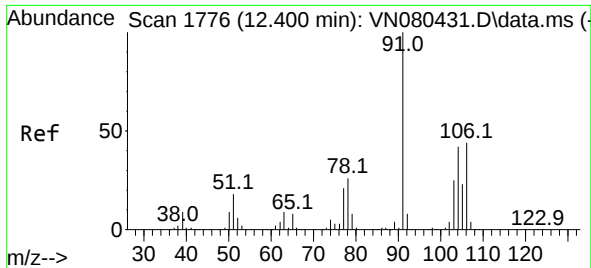


#68  
m/p-Xylenes  
Concen: 34.090 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56



Tgt Ion:106 Resp: 187919  
Ion Ratio Lower Upper  
106 100  
91 210.5 159.6 239.4





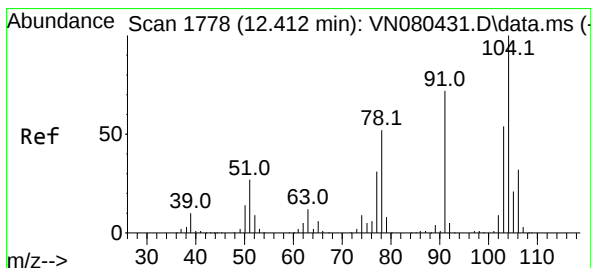
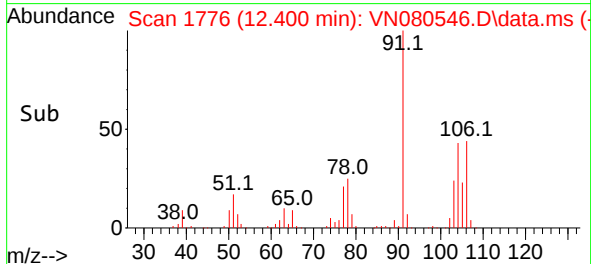
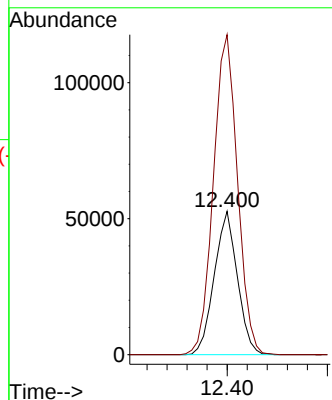
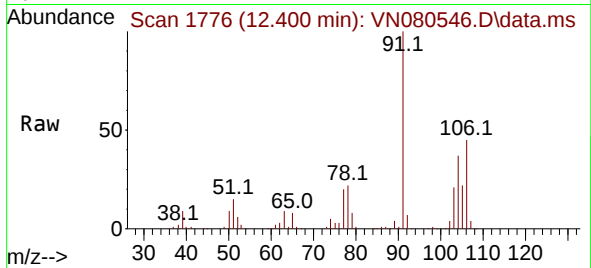
#69  
o-Xylene  
Concen: 15.648 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02

Tgt Ion:106 Resp: 84372  
Ion Ratio Lower Upper  
106 100  
91 232.5 105.2 315.5

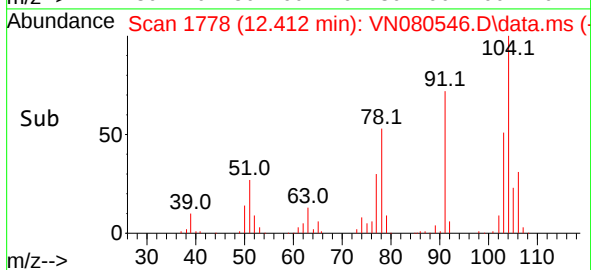
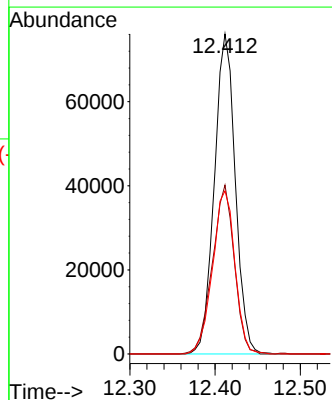
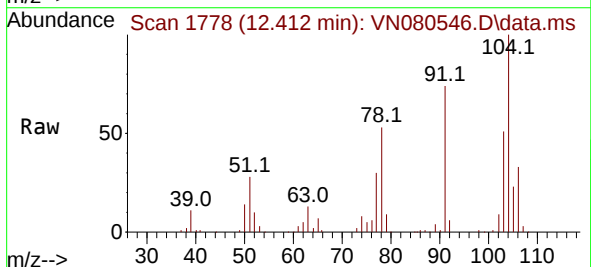
Manual Integrations  
APPROVED

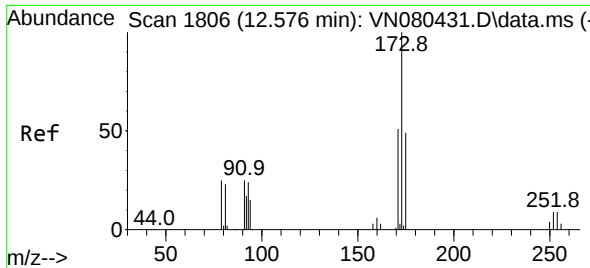
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#70  
Styrene  
Concen: 16.740 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

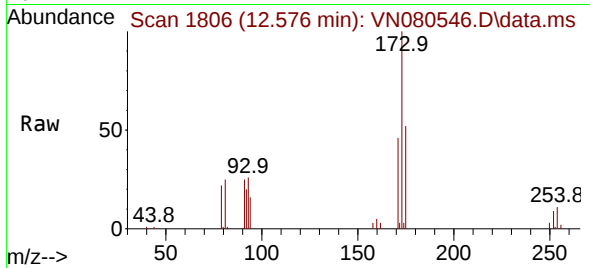
Tgt Ion:104 Resp: 130010  
Ion Ratio Lower Upper  
104 100  
78 55.1 39.5 59.3  
103 54.5 43.2 64.8





#71  
Bromoform  
Concen: 17.428 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

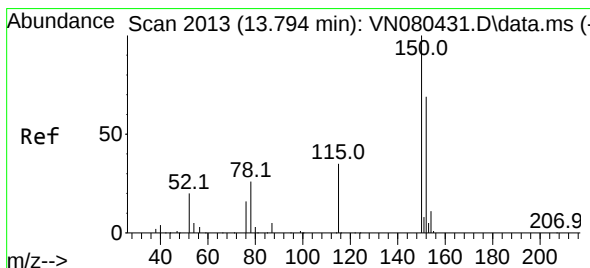
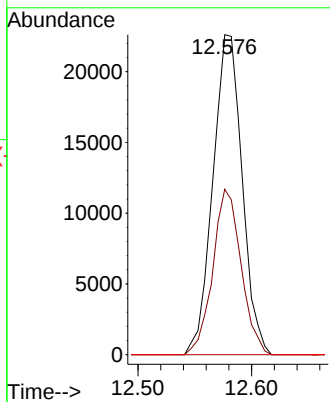
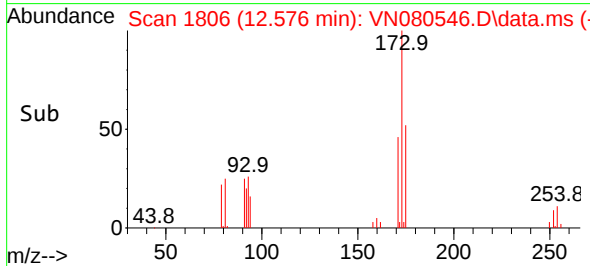
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



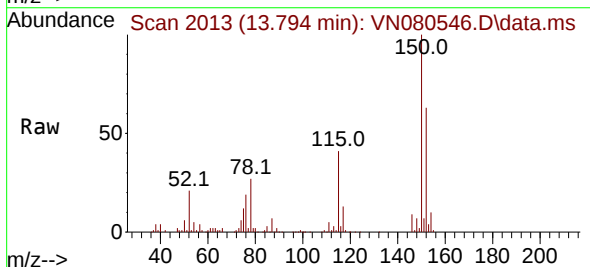
Tgt Ion:173 Resp: 40459  
Ion Ratio Lower Upper  
173 100  
175 50.1 24.3 73.0  
254 0.0 0.0 0.0

Manual Integrations  
APPROVED

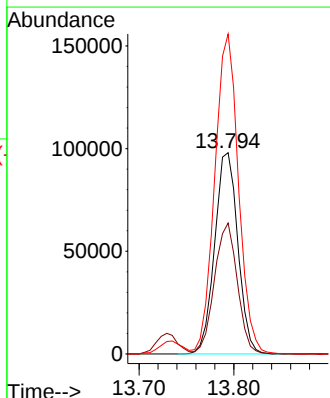
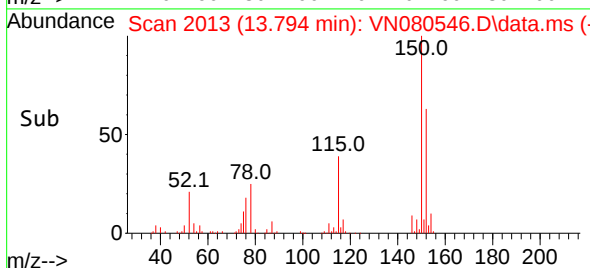
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023

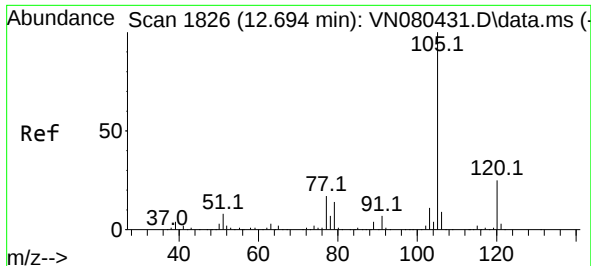


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56



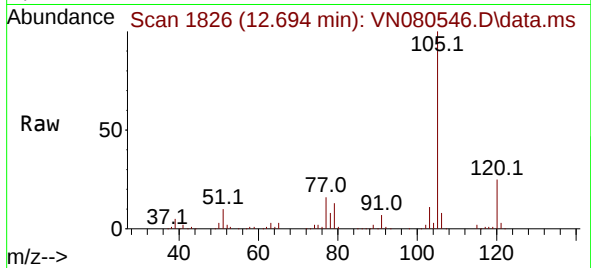
Tgt Ion:152 Resp: 166626  
Ion Ratio Lower Upper  
152 100  
115 64.2 32.3 96.8  
150 163.0 0.0 355.8





#73  
Isopropylbenzene  
Concen: 16.663 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

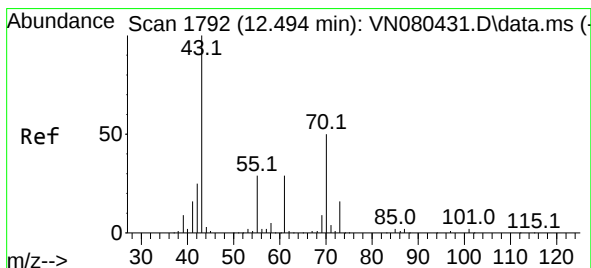
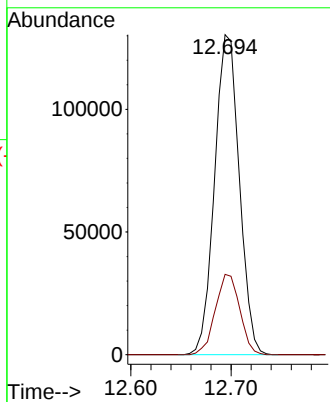
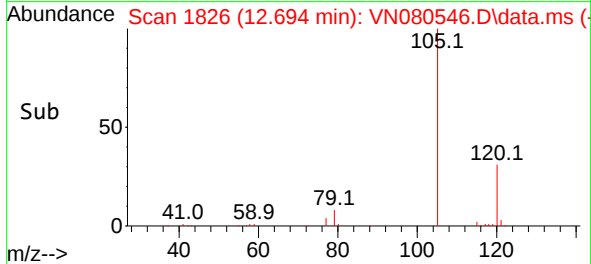
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



Tgt Ion:105 Resp: 22304  
Ion Ratio Lower Upper  
105 100  
120 24.8 13.1 39.1

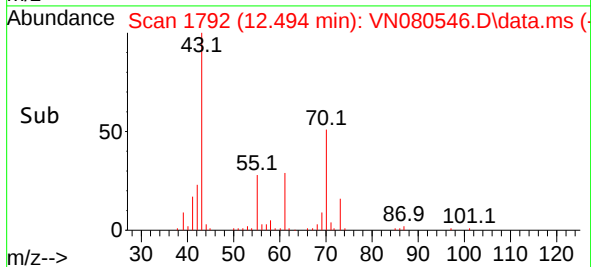
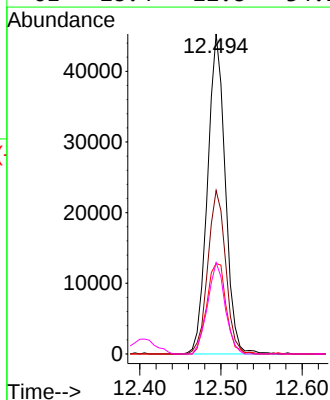
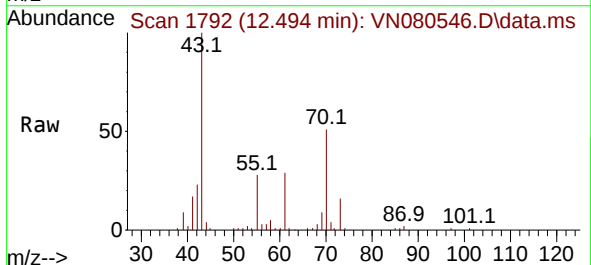
Manual Integrations  
APPROVED

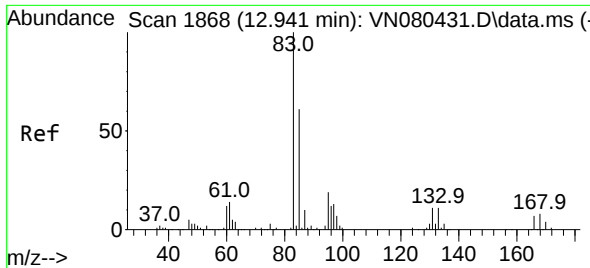
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#74  
N-ethyl acetate  
Concen: 17.538 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

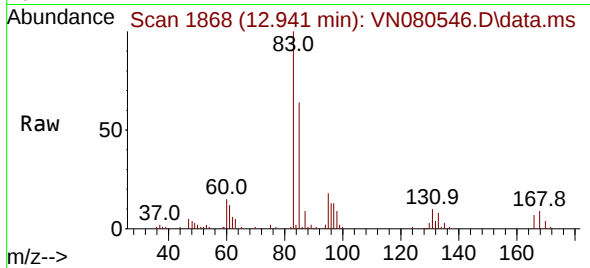
Tgt Ion: 43 Resp: 68551  
Ion Ratio Lower Upper  
43 100  
70 51.4 43.4 65.2  
55 31.0 21.4 32.0  
61 28.4 22.8 34.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.193 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

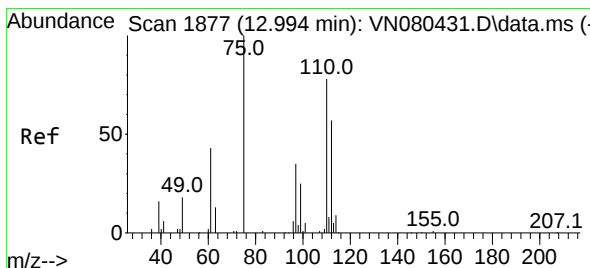
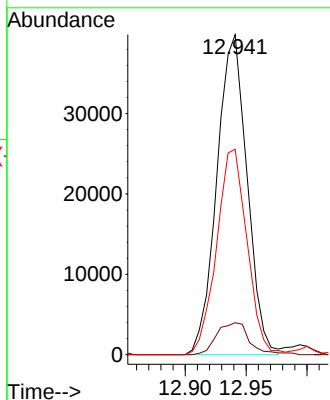
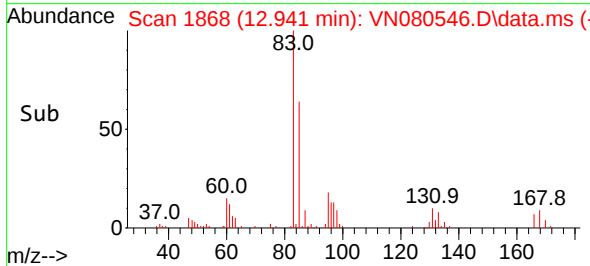
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



Tgt Ion: 83 Resp: 6884  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.0 15.0  
85 64.6 31.9 95.7

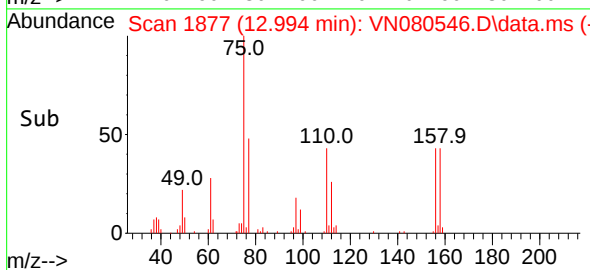
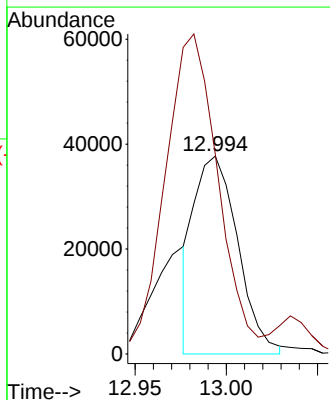
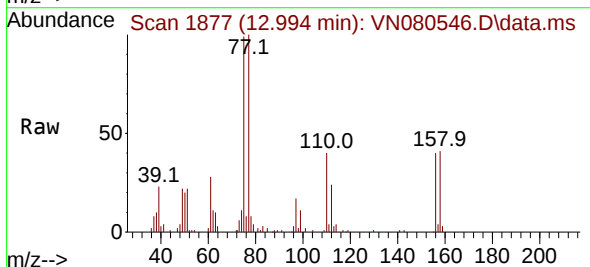
Manual Integrations  
APPROVED

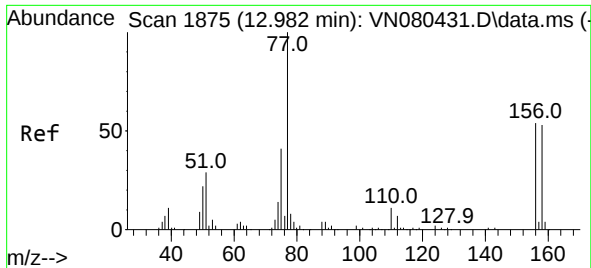
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#76  
1,2,3-Trichloropropane  
Concen: 18.843 ug/l m  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

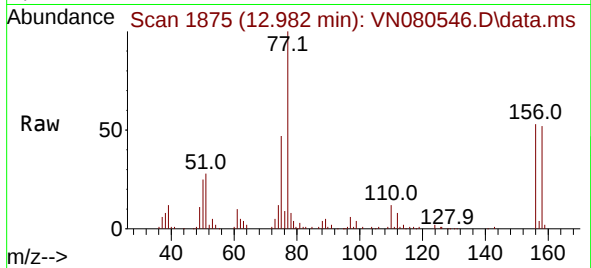
Tgt Ion: 75 Resp: 62637  
Ion Ratio Lower Upper  
75 100  
77 196.5 84.5 253.5





#77  
Bromobenzene  
Concen: 17.166 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

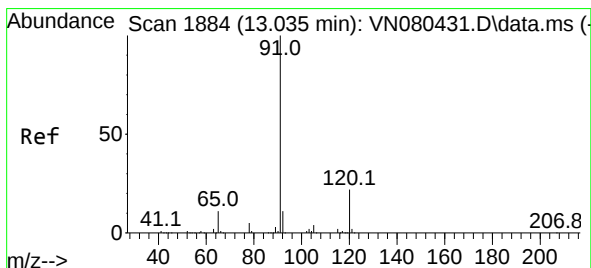
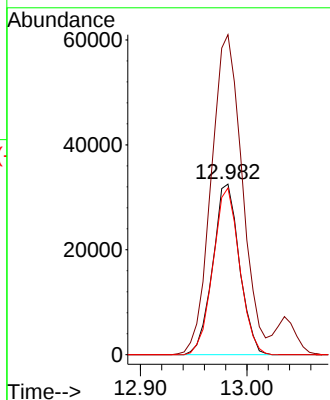
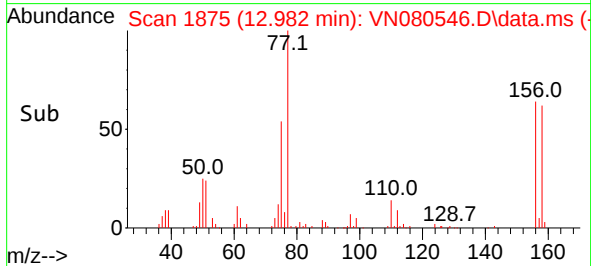
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



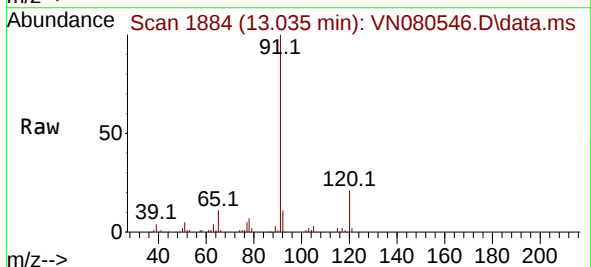
Tgt Ion:156 Resp: 56524  
Ion Ratio Lower Upper  
156 100  
77 217.7 107.7 323.3  
158 97.1 48.4 145.3

Manual Integrations  
APPROVED

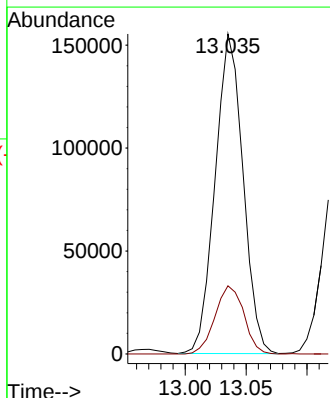
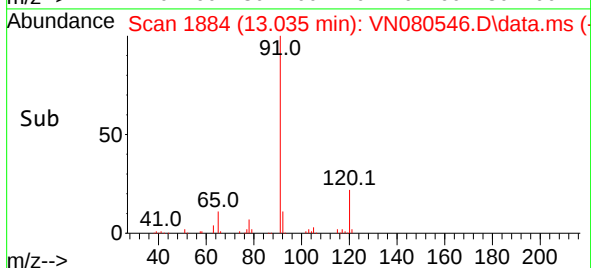
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023

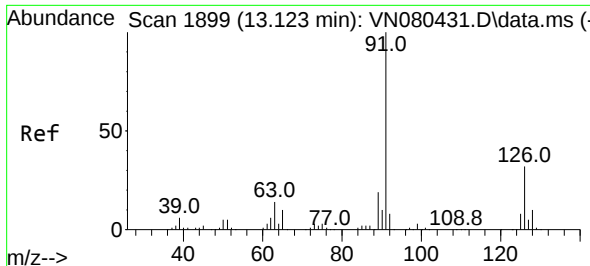


#78  
n-propylbenzene  
Concen: 16.760 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56



Tgt Ion: 91 Resp: 247349  
Ion Ratio Lower Upper  
91 100  
120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 16.891 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBSD02

Tgt Ion: 91 Resp: 162749

Ion Ratio Lower Upper

91 100

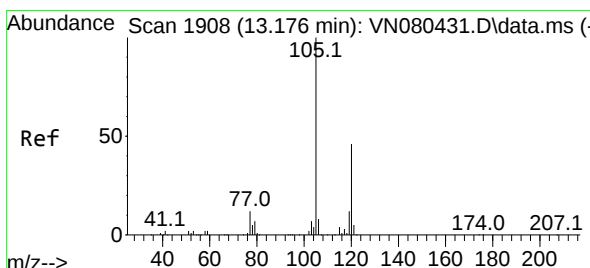
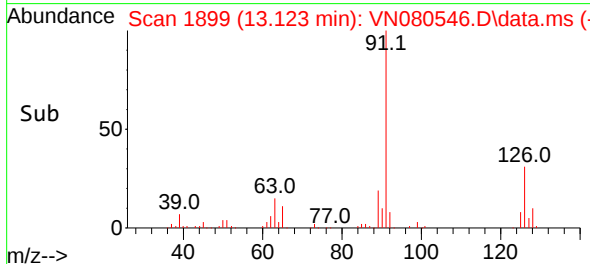
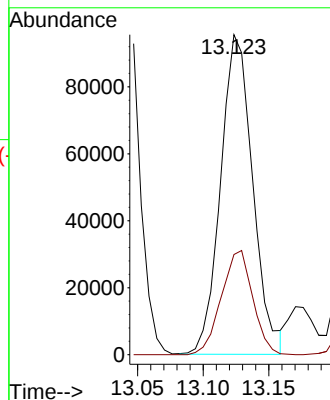
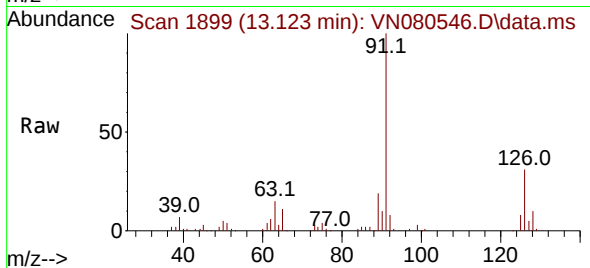
126 31.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#80

1,3,5-Trimethylbenzene

Concen: 16.843 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080546.D

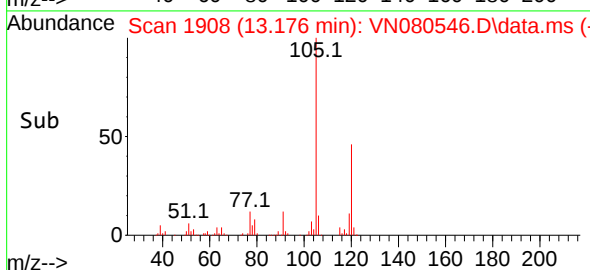
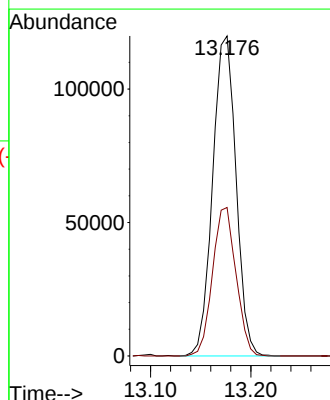
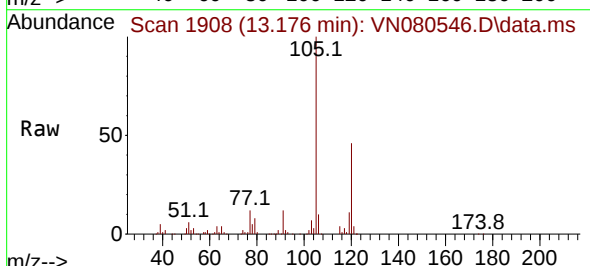
Acq: 20 Dec 2023 14:56

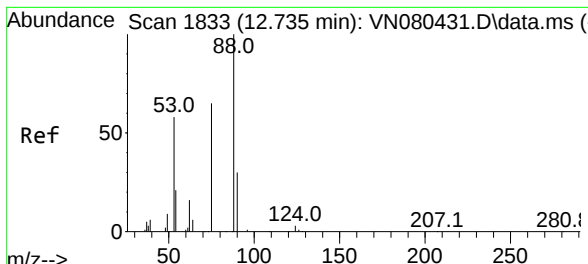
Tgt Ion:105 Resp: 194174

Ion Ratio Lower Upper

105 100

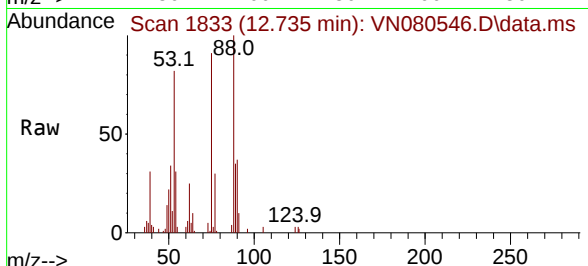
120 46.6 24.1 72.3





#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.140 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

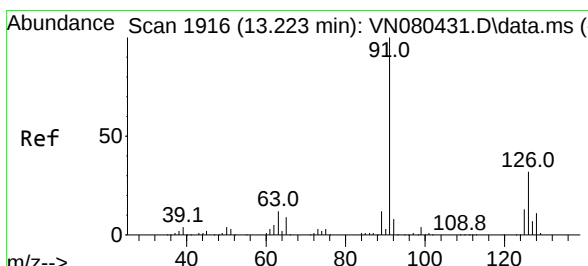
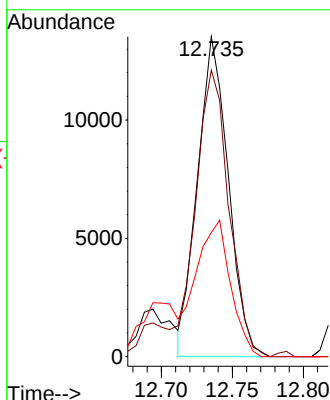
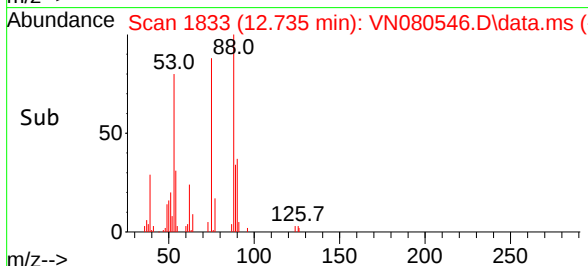
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



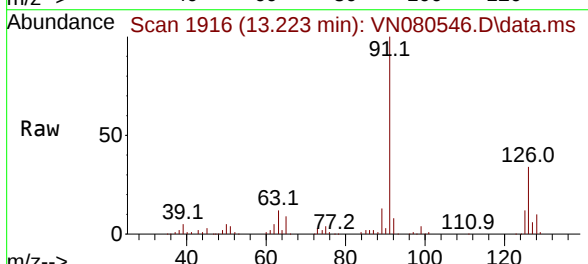
Tgt Ion: 75 Resp: 20434  
Ion Ratio Lower Upper  
75 100  
53 96.8 67.4 101.2  
89 47.9 38.8 58.2

Manual Integrations  
APPROVED

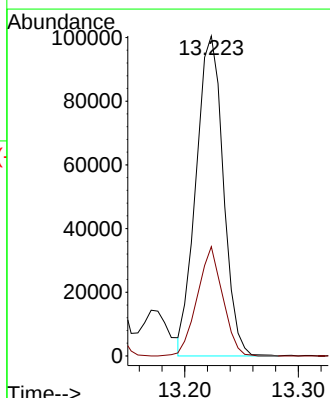
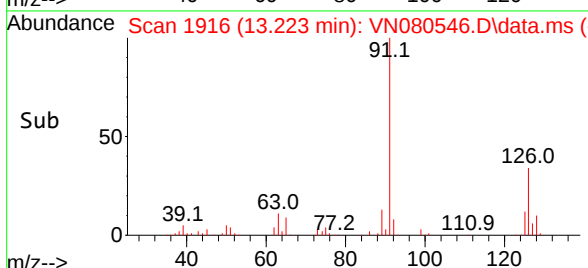
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023

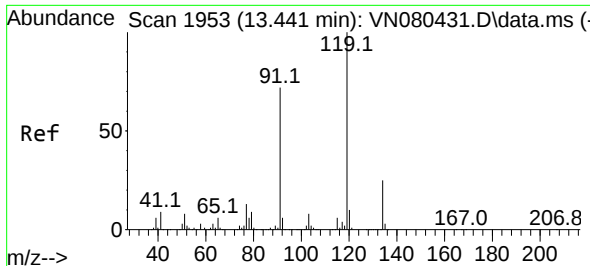


#82  
4-Chlorotoluene  
Concen: 16.918 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56



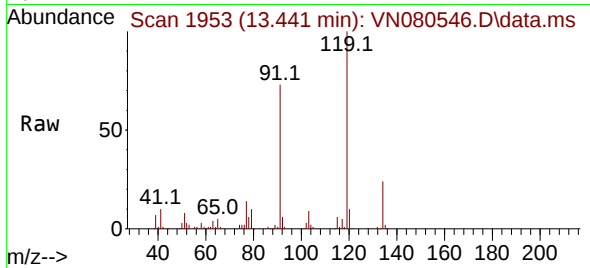
Tgt Ion: 91 Resp: 167549  
Ion Ratio Lower Upper  
91 100  
126 31.9 16.7 50.0





#83  
tert-Butylbenzene  
Concen: 16.788 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

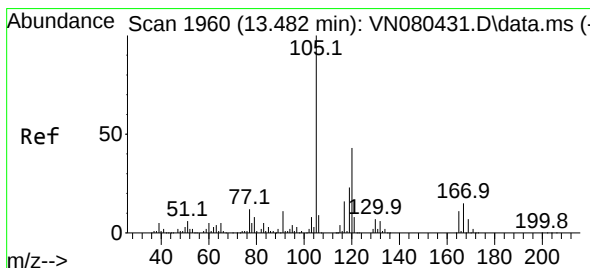
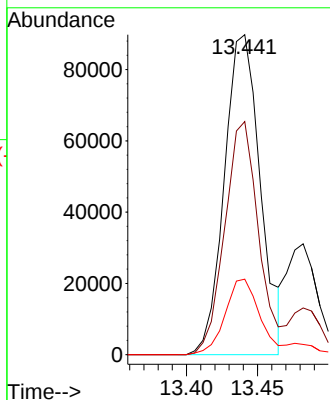
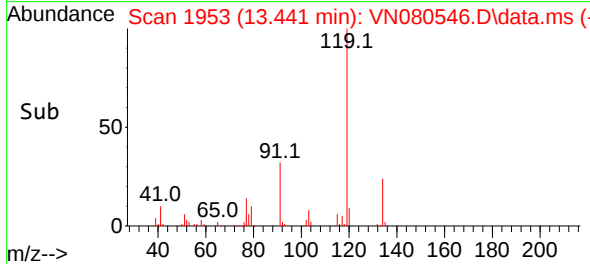
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



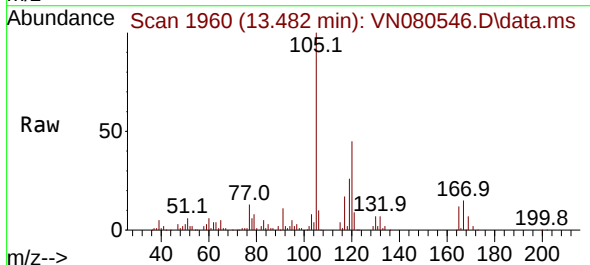
Tgt Ion:119 Resp: 158500  
Ion Ratio Lower Upper  
119 100  
91 68.2 33.9 101.7  
134 23.0 13.2 39.6

Manual Integrations  
APPROVED

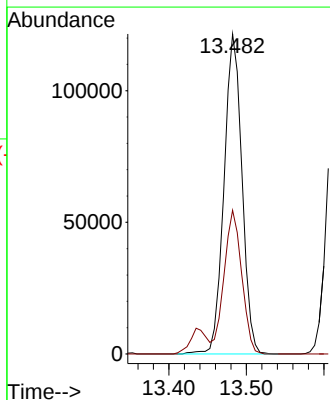
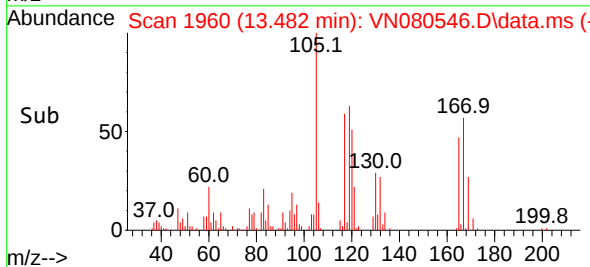
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023

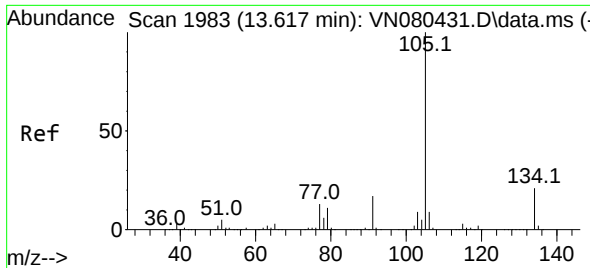


#84  
1,2,4-Trimethylbenzene  
Concen: 17.055 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56



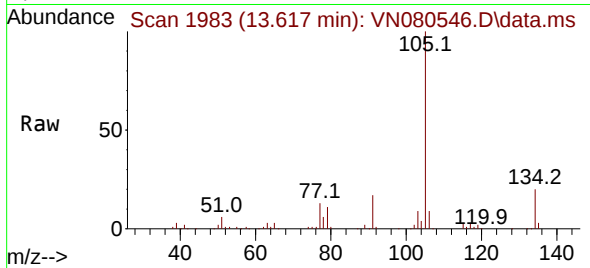
Tgt Ion:105 Resp: 195595  
Ion Ratio Lower Upper  
105 100  
120 44.4 22.0 66.0





#85  
 sec-Butylbenzene  
 Concen: 16.444 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN080546.D  
 Acq: 20 Dec 2023 14:56

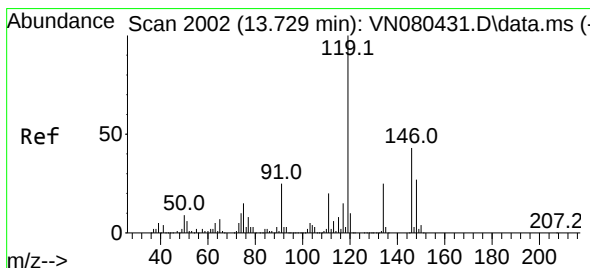
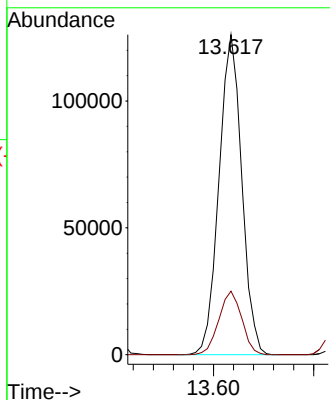
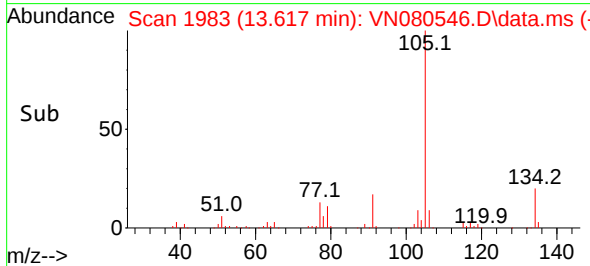
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1220WBSD02



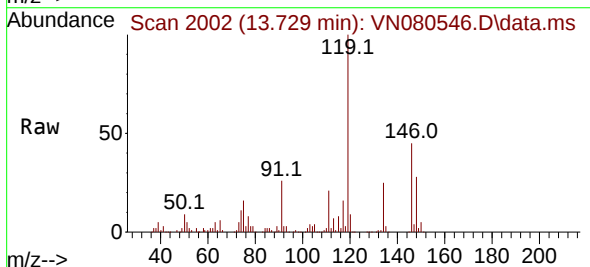
Tgt Ion:105 Resp: 198590  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 9.8 29.3

Manual Integrations  
 APPROVED

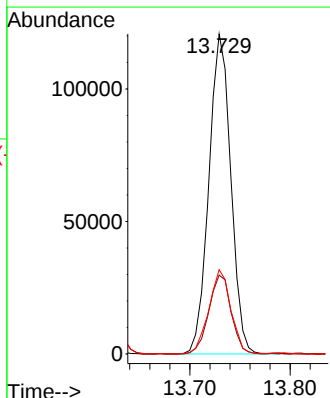
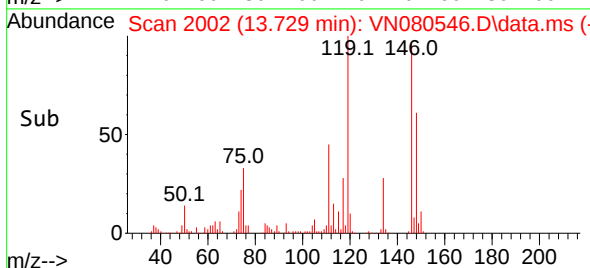
Reviewed By :John Carlone 12/21/2023  
 Supervised By :Mahesh Dadoda 12/21/2023

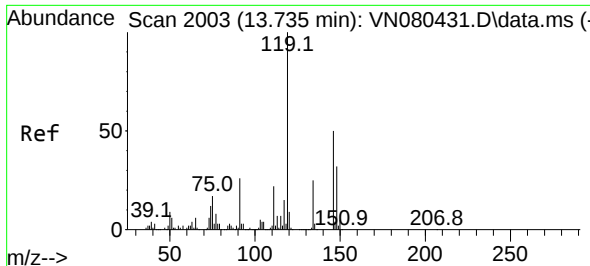


#86  
 p-Isopropyltoluene  
 Concen: 16.847 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN080546.D  
 Acq: 20 Dec 2023 14:56



Tgt Ion:119 Resp: 183720  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 12.6 37.8  
 91 26.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.951 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBSD02

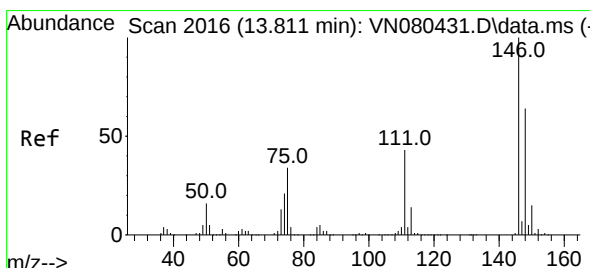
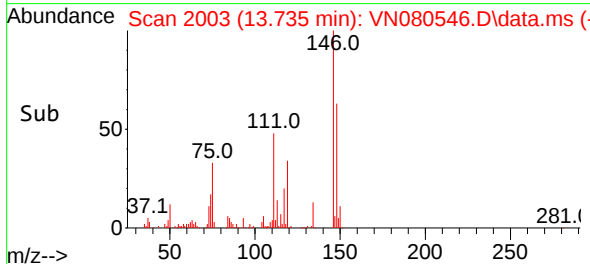
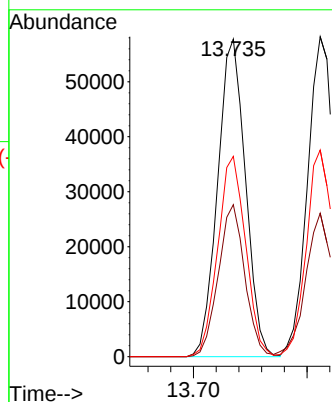
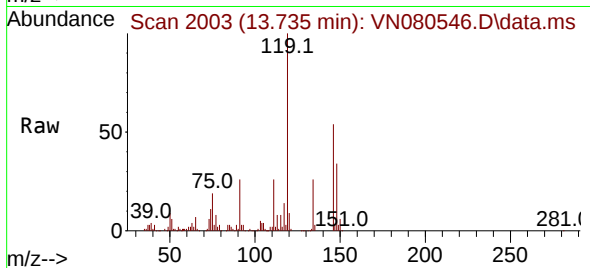
Tgt Ion:146 Resp: 9834  
 Ion Ratio Lower Upper  
 146 100  
 111 45.6 22.1 66.3  
 148 63.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#88

1,4-Dichlorobenzene

Concen: 16.732 ug/l

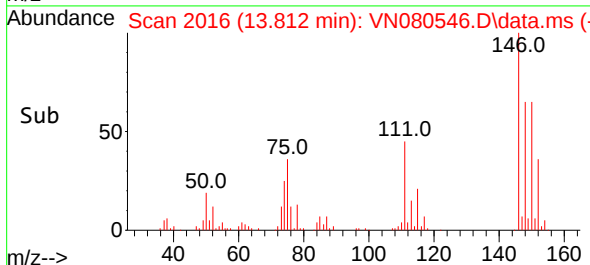
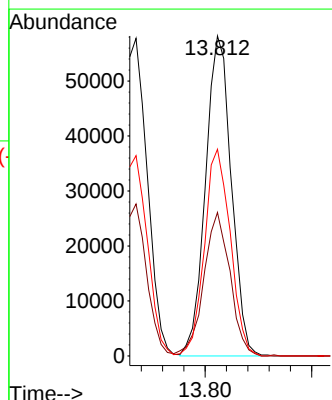
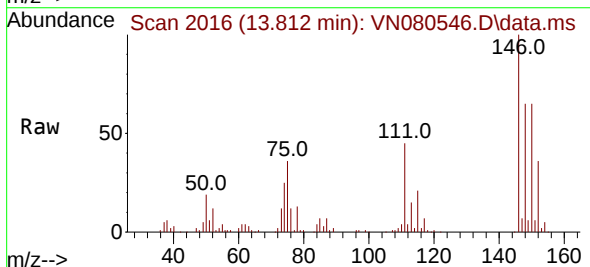
RT: 13.812 min Scan# 2016

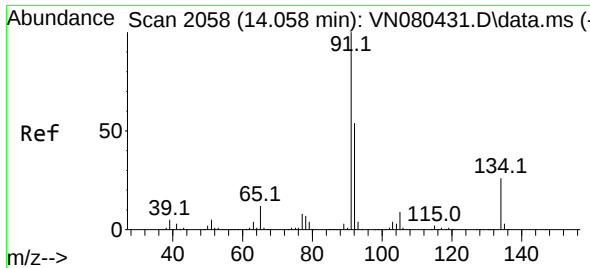
Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

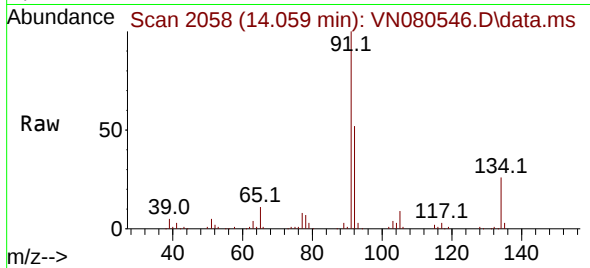
Tgt Ion:146 Resp: 97986  
 Ion Ratio Lower Upper  
 146 100  
 111 45.4 20.6 61.8  
 148 64.9 31.6 94.8





#89  
n-Butylbenzene  
Concen: 16.242 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

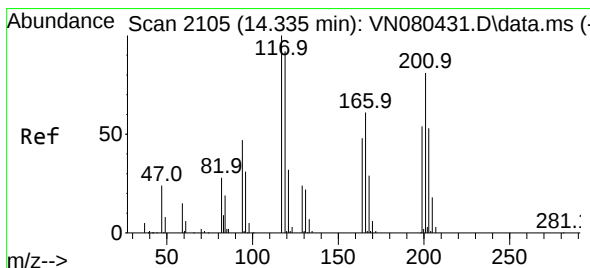
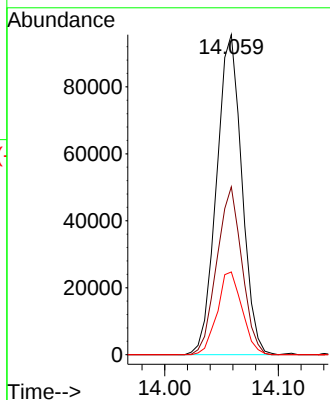
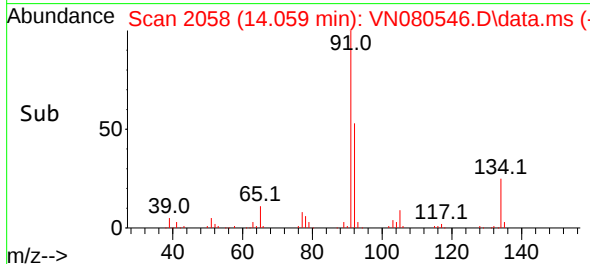
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



Tgt Ion: 91 Resp: 147912  
Ion Ratio Lower Upper  
91 100  
92 52.0 26.4 79.0  
134 25.4 12.6 37.6

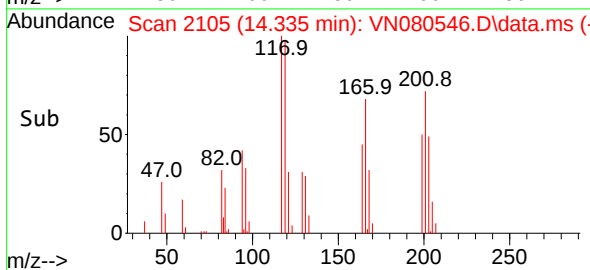
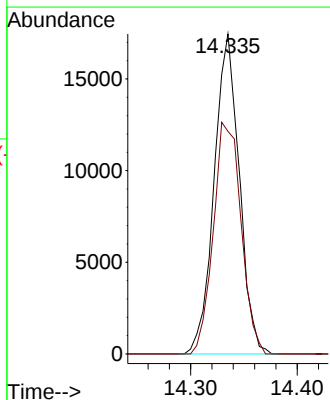
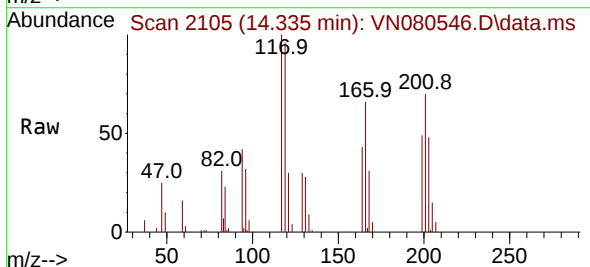
Manual Integrations  
APPROVED

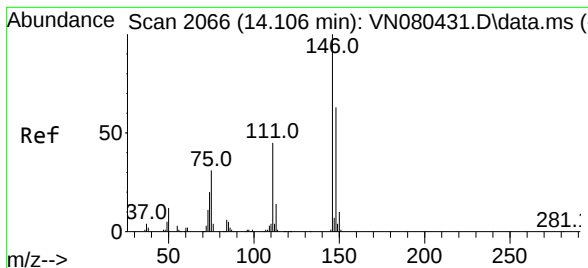
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#90  
Hexachloroethane  
Concen: 16.501 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Tgt Ion:117 Resp: 28578  
Ion Ratio Lower Upper  
117 100  
201 79.7 29.3 88.0





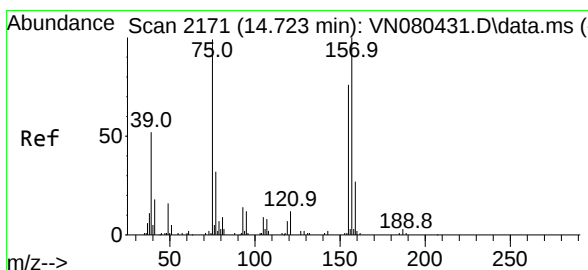
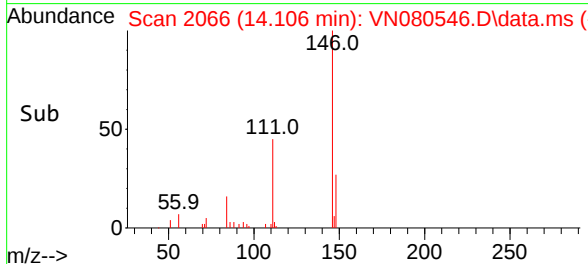
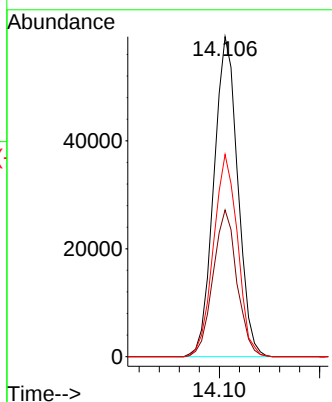
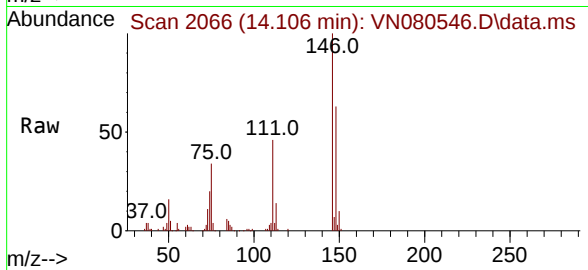
#91  
1,2-Dichlorobenzene  
Concen: 17.876 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02

Tgt Ion:146 Resp: 9847  
Ion Ratio Lower Upper  
146 100  
111 45.8 22.0 66.0  
148 63.5 31.8 95.3

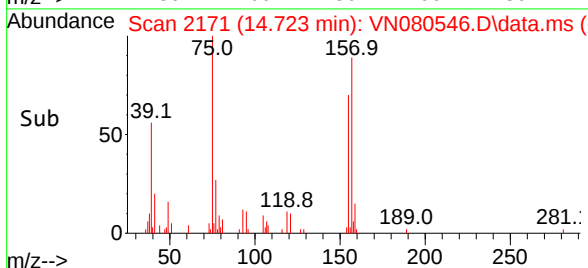
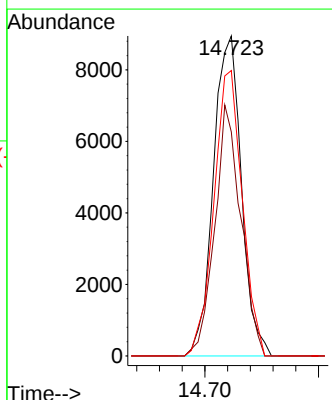
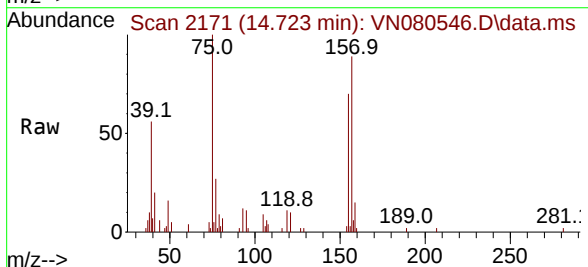
Manual Integrations  
APPROVED

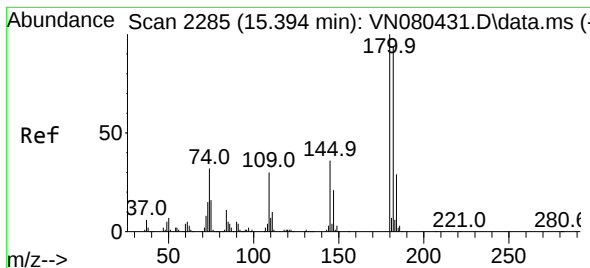
Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.281 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

Tgt Ion: 75 Resp: 15301  
Ion Ratio Lower Upper  
75 100  
155 73.3 39.1 117.2  
157 90.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.096 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBSD02

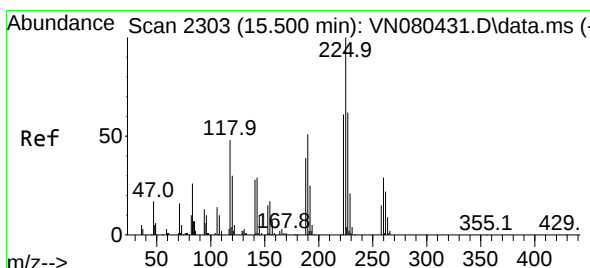
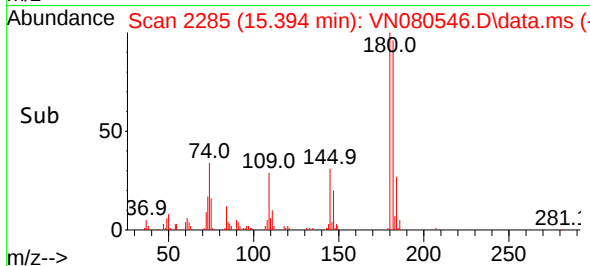
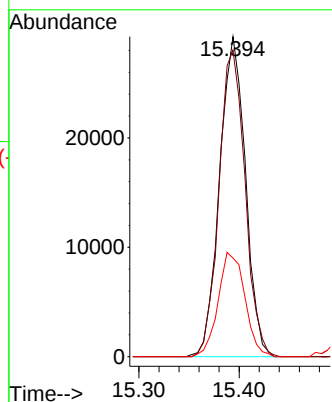
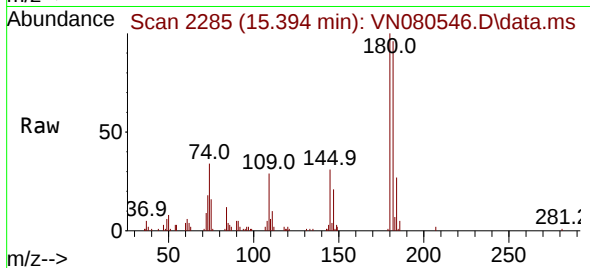
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 5229  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.7  | 46.1  | 138.2 |
| 145       | 33.7  | 16.6  | 49.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#94

Hexachlorobutadiene

Concen: 15.333 ug/l

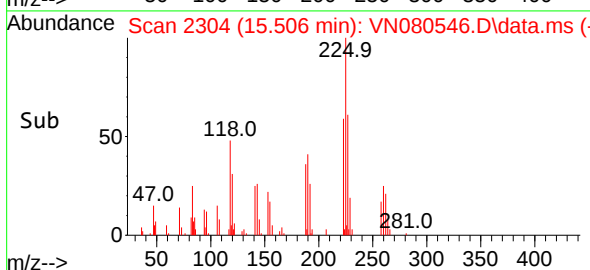
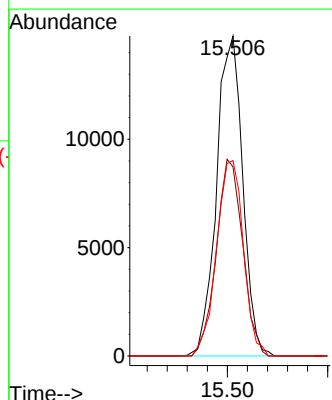
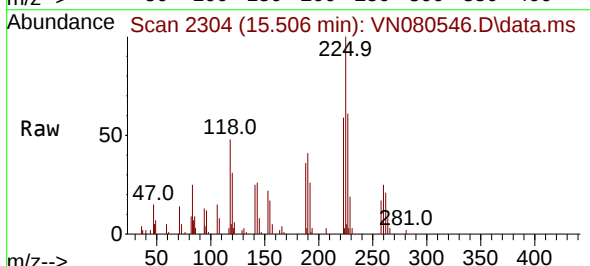
RT: 15.506 min Scan# 2304

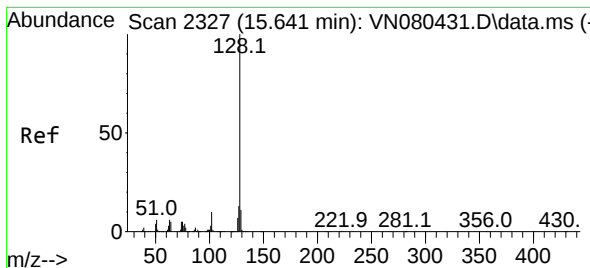
Delta R.T. 0.006 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

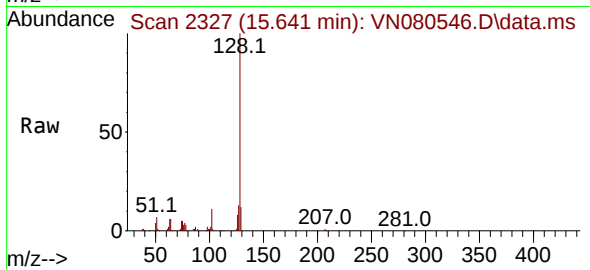
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 26700 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.1  | 31.3  | 93.8  |
| 227       | 62.8  | 31.9  | 95.9  |





#95  
Naphthalene  
Concen: 17.543 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56

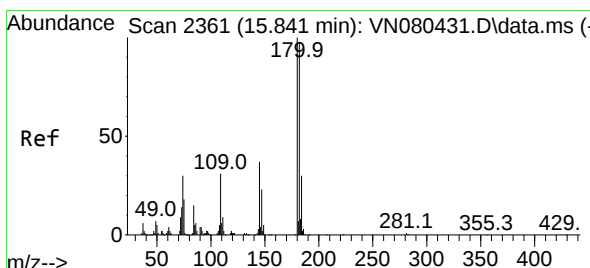
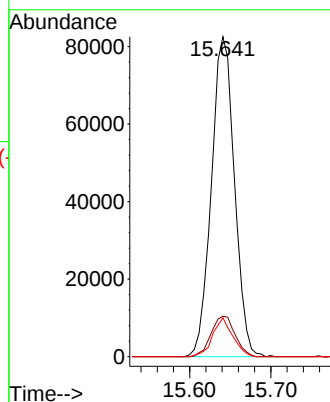
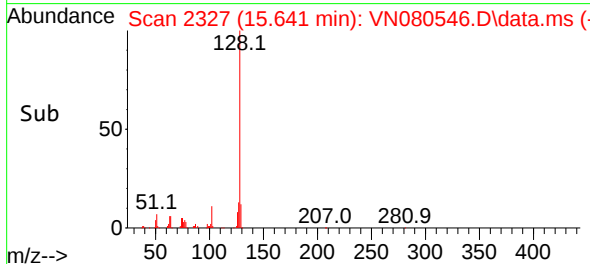
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBSD02



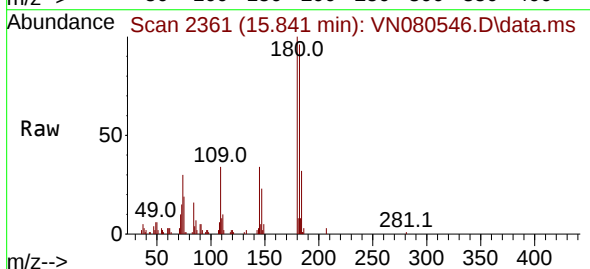
Tgt Ion:128 Resp: 162940  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.0 15.0  
129 10.6 8.7 13.1

Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/21/2023  
Supervised By :Mahesh Dadoda 12/21/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 17.410 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VN080546.D  
Acq: 20 Dec 2023 14:56



Tgt Ion:180 Resp: 51389  
Ion Ratio Lower Upper  
180 100  
182 94.3 46.2 138.6  
145 37.3 17.5 52.6

