

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111723\  
 Data File : VN080157.D  
 Acq On : 17 Nov 2023 12:54  
 Operator : JC\MD  
 Sample : VN1117WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1117WBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/18/2023  
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 18 02:27:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 8.230          | 168  | 256648              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106          | 114  | 412248              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.870         | 117  | 376795              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 180454              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.582          | 65   | 216751              | 51.149  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 102.300% |         |        |          |
| 35) Dibromofluoromethane     | 8.165          | 113  | 155778              | 51.212  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 102.420% |         |        |          |
| 50) Toluene-d8               | 10.571         | 98   | 582372              | 53.111  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 106.220% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.853         | 95   | 219248              | 52.936  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 105.880% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 71888               | 18.804  | ug/l   | 98       |
| 3) Chloromethane             | 2.359          | 50   | 52118               | 18.133  | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.512          | 62   | 58092               | 19.099  | ug/l   | 98       |
| 5) Bromomethane              | 2.953          | 94   | 36354               | 17.606  | ug/l   | 97       |
| 6) Chloroethane              | 3.124          | 64   | 35929               | 17.997  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.495          | 101  | 115668              | 18.229  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.965          | 74   | 32694               | 17.717  | ug/l   | 87       |
| 9) 1,1,2-Trichlorotrifluo... | 4.383          | 101  | 53157               | 18.329  | ug/l # | 20       |
| 10) Methyl Iodide            | 4.594          | 142  | 58974               | 18.816  | ug/l   | 95       |
| 11) Tert butyl alcohol       | 5.524          | 59   | 46446               | 99.667  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.342          | 96   | 50024               | 18.441  | ug/l # | 79       |
| 13) Acrolein                 | 4.183          | 56   | 46346               | 112.377 | ug/l   | 97       |
| 14) Allyl chloride           | 5.024          | 41   | 61887               | 18.134  | ug/l   | 93       |
| 15) Acrylonitrile            | 5.718          | 53   | 122736              | 98.109  | ug/l   | 99       |
| 16) Acetone                  | 4.424          | 43   | 109561              | 76.975  | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.712          | 76   | 135100              | 16.680  | ug/l   | 100      |
| 18) Methyl Acetate           | 5.030          | 43   | 84034               | 18.375  | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 5.794          | 73   | 180590              | 18.852  | ug/l   | 98       |
| 20) Methylene Chloride       | 5.271          | 84   | 58649               | 19.676  | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 5.789          | 96   | 54009               | 18.124  | ug/l   | 84       |
| 22) Diisopropyl ether        | 6.677          | 45   | 150923              | 19.988  | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.606          | 43   | 454544              | 100.133 | ug/l # | 92       |
| 24) 1,1-Dichloroethane       | 6.577          | 63   | 102447              | 18.629  | ug/l   | 97       |
| 25) 2-Butanone               | 7.488          | 43   | 149771              | 88.565  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 7.494          | 77   | 98058               | 17.972  | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.488          | 96   | 61762               | 18.280  | ug/l   | 85       |
| 28) Bromochloromethane       | 7.812          | 49   | 45196               | 20.905  | ug/l   | 91       |
| 29) Tetrahydrofuran          | 7.841          | 42   | 92915               | 102.341 | ug/l   | 90       |
| 30) Chloroform               | 7.971          | 83   | 115389              | 18.772  | ug/l   | 98       |
| 31) Cyclohexane              | 8.259          | 56   | 85101               | 18.466  | ug/l   | 91       |
| 32) 1,1,1-Trichloroethane    | 8.171          | 97   | 111205              | 18.551  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.377          | 75   | 81065               | 18.407  | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.565          | 43   | 63303               | 20.723  | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 8.365          | 117  | 103093              | 18.447  | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.606          | 83   | 78079               | 18.387  | ug/l   | 89       |
| 40) Benzene                  | 8.612          | 78   | 234485              | 18.734  | ug/l   | 99       |

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 Sample : VN1117WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1117WBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/18/2023  
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 18 02:27:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 31942    | 19.040  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 93496    | 18.258  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 104701   | 17.613  | ug/l   | 97       |
| 44) Trichloroethene           | 9.353  | 130  | 59770    | 18.204  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 56203    | 19.322  | ug/l   | 96       |
| 46) Dibromomethane            | 9.712  | 93   | 41876    | 19.019  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.894  | 83   | 90000    | 18.582  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 59957    | 19.572  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 20541    | 403.050 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 311832   | 101.323 | ug/l   | 98       |
| 52) Toluene                   | 10.635 | 92   | 149228   | 19.051  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 91093    | 18.305  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 96154    | 18.913  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.023 | 97   | 55677    | 18.623  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 60507    | 19.811  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 98955    | 18.957  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 187356   | 108.886 | ug/l   | 96       |
| 59) 2-Hexanone                | 11.200 | 43   | 232221   | 93.901  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.365 | 129  | 66076    | 18.461  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 57283    | 18.781  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 60380    | 20.998  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 153133   | 17.936  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 62575    | 18.886  | ug/l   | 94       |
| 67) Ethyl Benzene             | 11.965 | 91   | 281753   | 18.545  | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.076 | 106  | 207063   | 37.380  | ug/l   | 86       |
| 69) o-Xylene                  | 12.400 | 106  | 100555   | 19.262  | ug/l   | 87       |
| 70) Styrene                   | 12.412 | 104  | 147520   | 18.986  | ug/l   | 92       |
| 71) Bromoform                 | 12.582 | 173  | 44380    | 18.062  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.700 | 105  | 265628   | 18.943  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 82007    | 18.753  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 76133    | 18.140  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 77782m   | 17.592  | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 63632    | 17.999  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.041 | 91   | 298510   | 19.037  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 191764   | 18.829  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 232188   | 19.021  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 24299    | 18.568  | ug/l # | 78       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 196538   | 18.837  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 196370   | 20.061  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 236269   | 19.657  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 240946   | 19.458  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 220182   | 19.905  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 115548   | 18.141  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 114161   | 17.834  | ug/l   | 95       |
| 89) n-Butylbenzene            | 14.059 | 91   | 186609   | 20.155  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.341 | 117  | 38687    | 17.939  | ug/l   | 75       |
| 91) 1,2-Dichlorobenzene       | 14.111 | 146  | 111792   | 18.341  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 18617    | 19.098  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 59611    | 16.815  | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 33372    | 16.358  | ug/l   | 97       |
| 95) Naphthalene               | 15.647 | 128  | 261701   | 25.457  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 60641    | 18.250  | ug/l   | 98       |

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Data File : VN080157.D  
Acq On : 17 Nov 2023 12:54  
Operator : JC\MD  
Sample : VN1117WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023

Quant Time: Nov 18 02:27:11 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 17 01:19:32 2023  
Response via : Initial Calibration

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

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

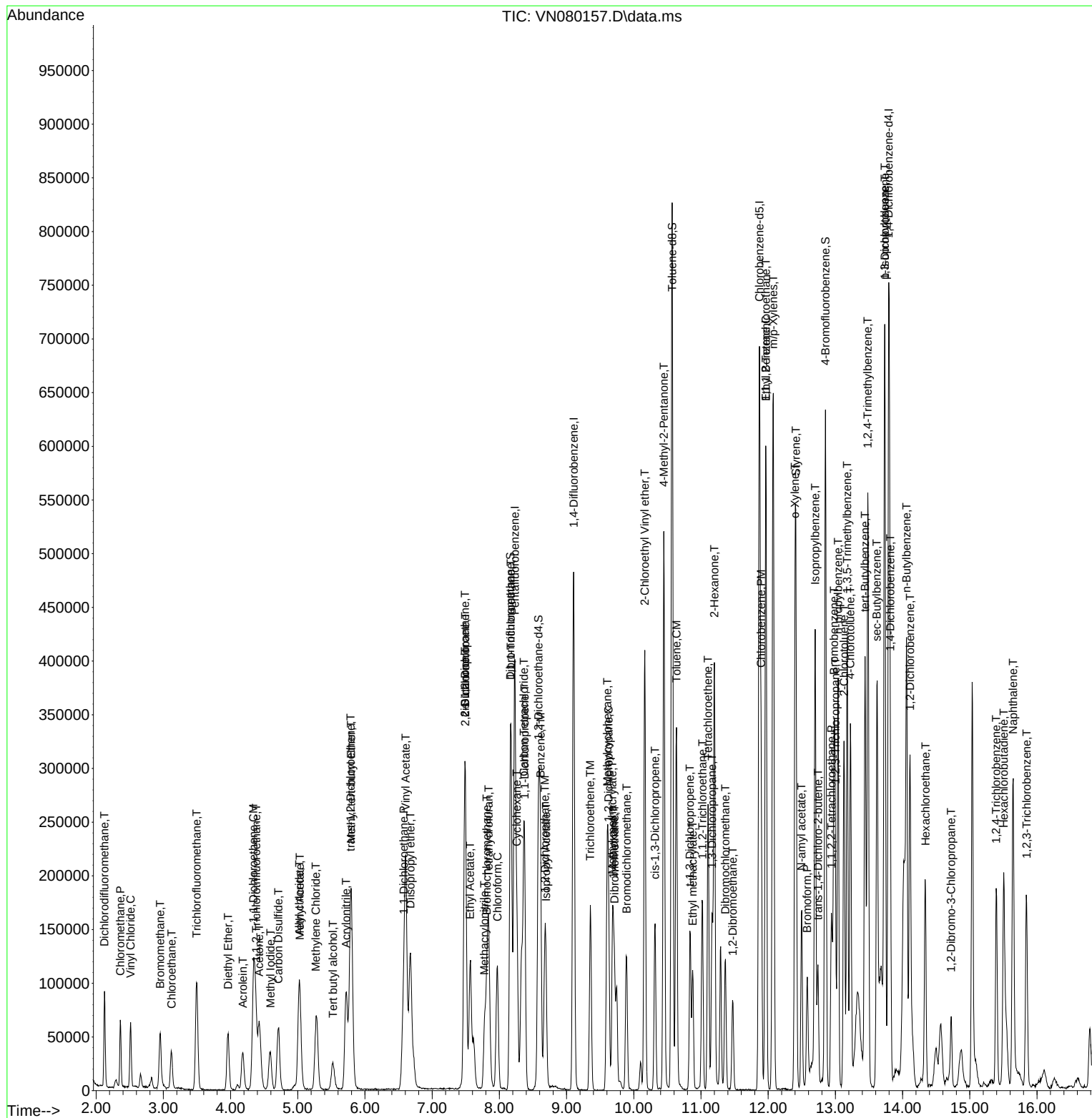
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 Data File : VN080157.D  
 Acq On : 17 Nov 2023 12:54  
 Operator : JC\MD  
 Sample : VN1117WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

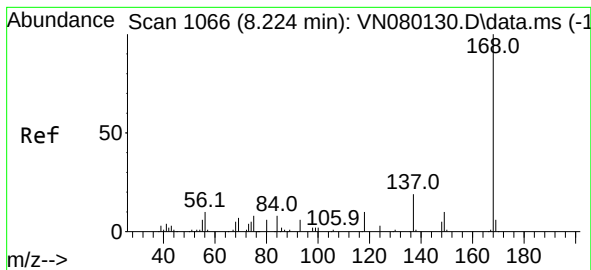
Instrument :  
 MSVOA\_N  
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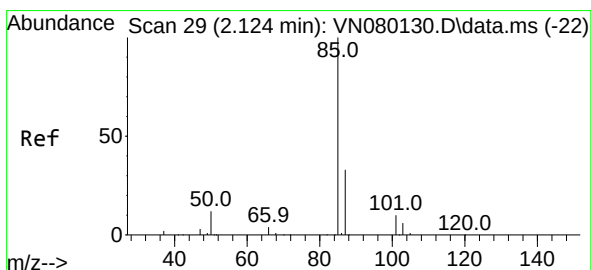
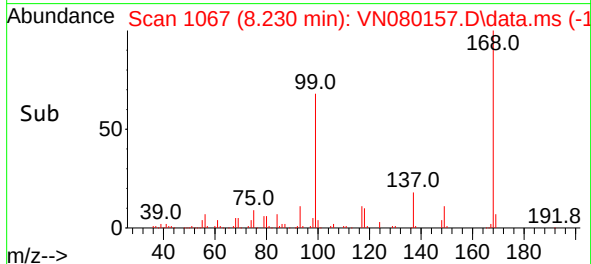
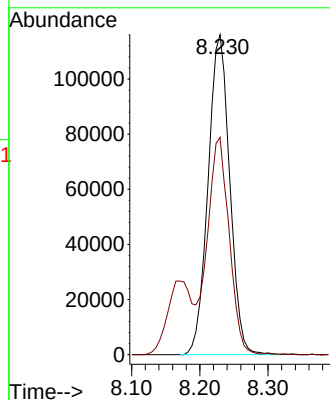
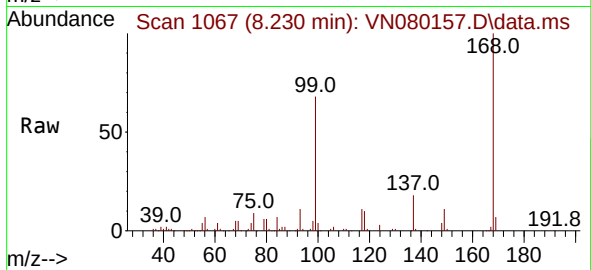
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion:168 Resp: 256648  
Ion Ratio Lower Upper  
168 100  
99 67.7 53.0 79.6

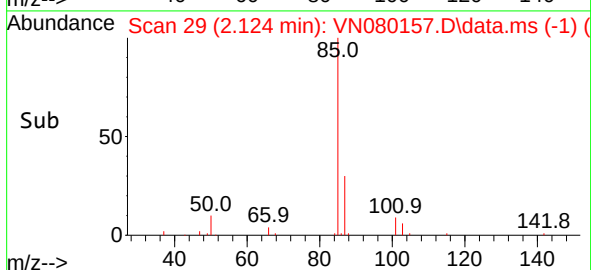
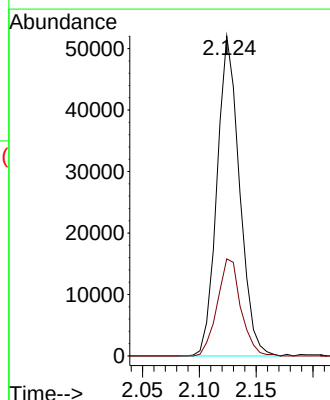
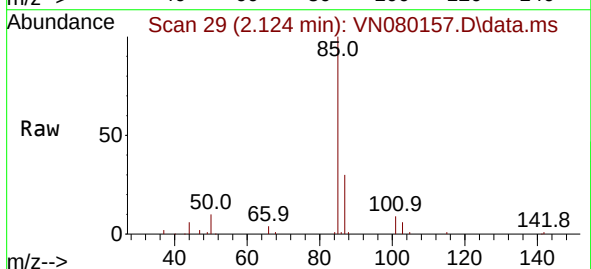
Manual Integrations  
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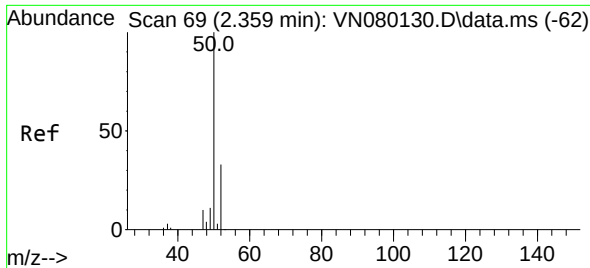
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#2  
Dichlorodifluoromethane  
Concen: 18.804 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

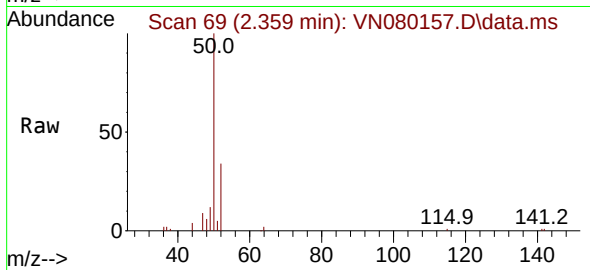
Tgt Ion: 85 Resp: 71888  
Ion Ratio Lower Upper  
85 100  
87 30.4 15.8 47.4





#3  
Chloromethane  
Concen: 18.133 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

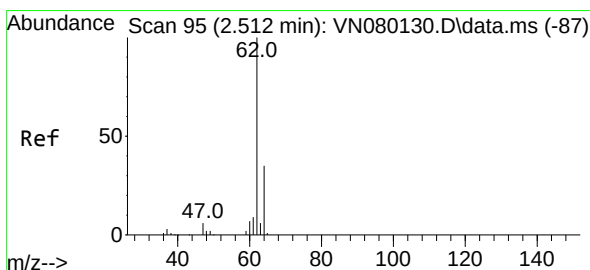
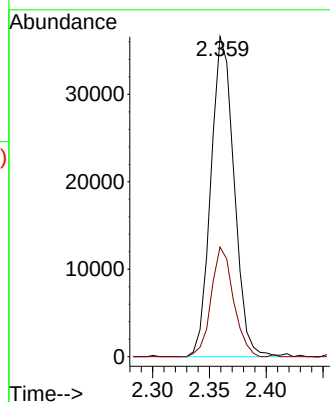
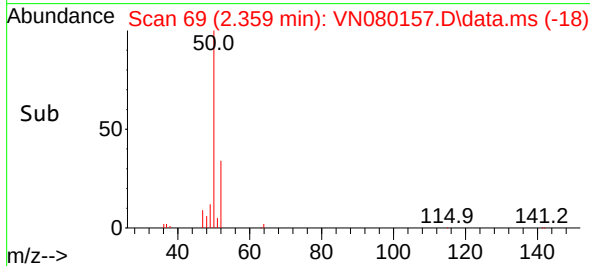
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



Tgt Ion: 50 Resp: 52118  
Ion Ratio Lower Upper  
50 100  
52 34.3 26.5 39.7

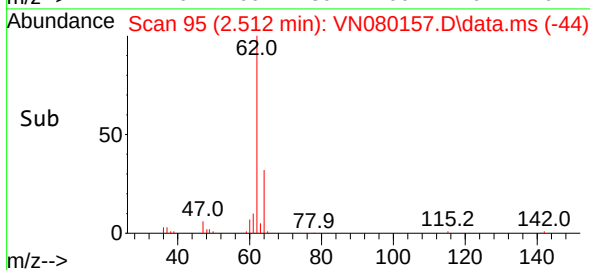
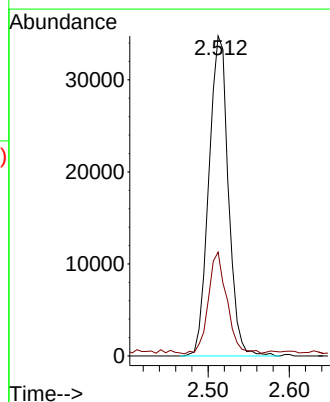
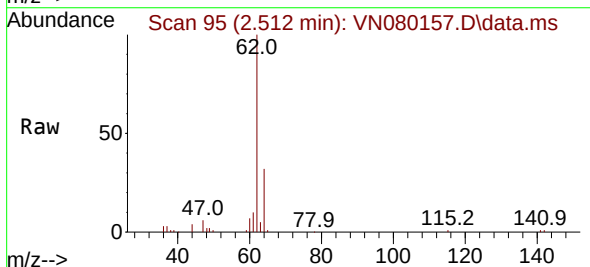
Manual Integrations  
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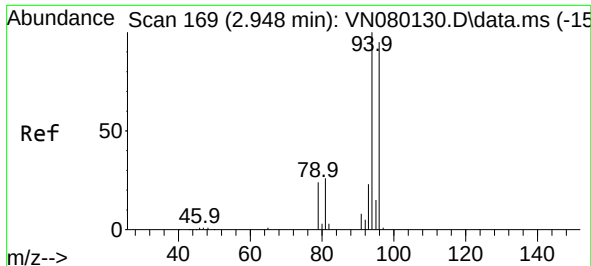
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#4  
Vinyl Chloride  
Concen: 19.099 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion: 62 Resp: 58092  
Ion Ratio Lower Upper  
62 100  
64 31.5 26.2 39.2





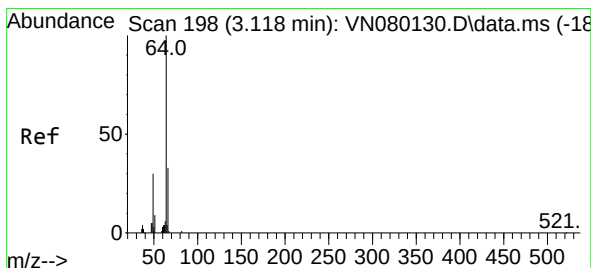
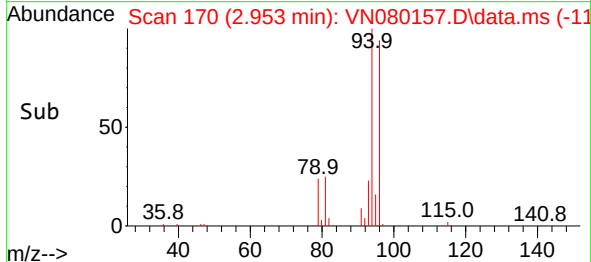
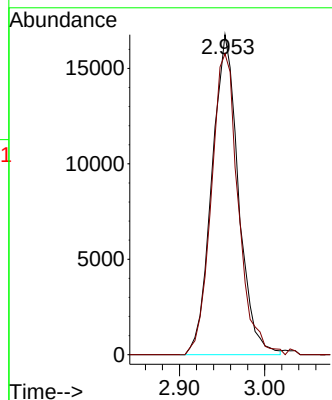
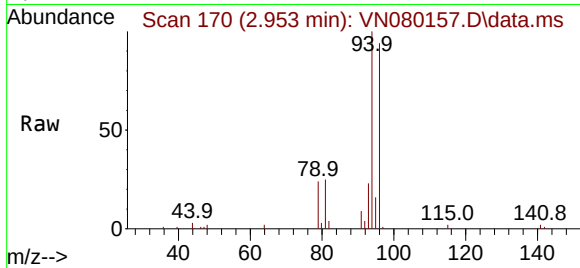
#5  
Bromomethane  
Concen: 17.606 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
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VN1117WBS01

Tgt Ion: 94 Resp: 36354  
Ion Ratio Lower Upper  
94 100  
96 94.0 73.1 109.7

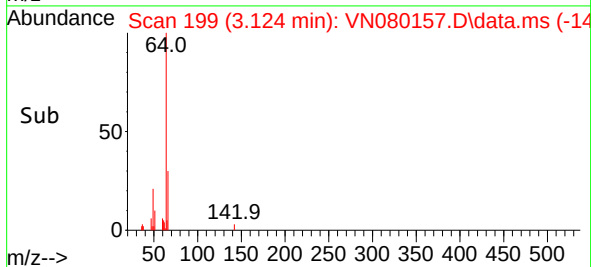
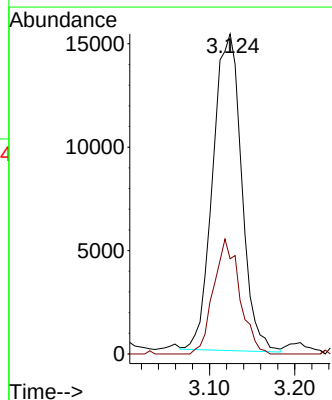
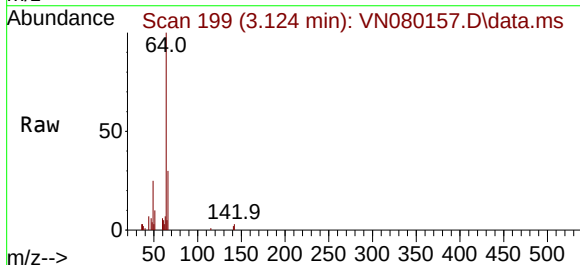
Manual Integrations  
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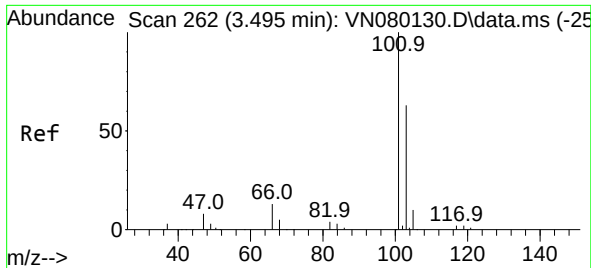
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#6  
Chloroethane  
Concen: 17.997 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion: 64 Resp: 35929  
Ion Ratio Lower Upper  
64 100  
66 30.2 25.4 38.2





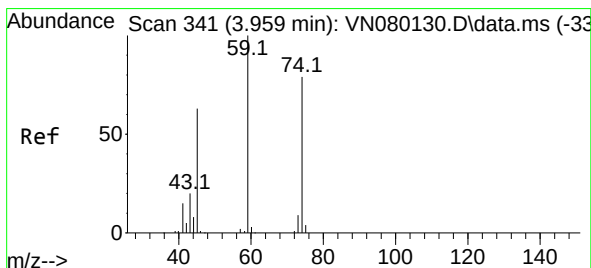
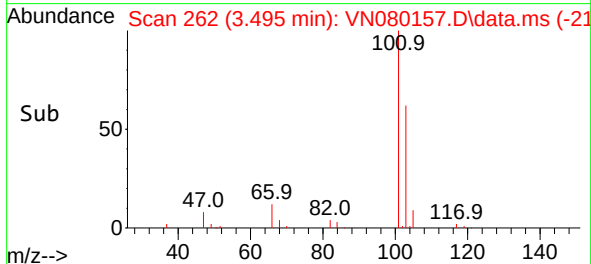
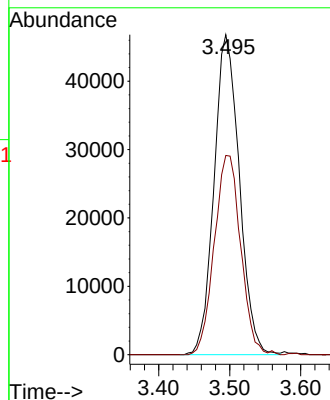
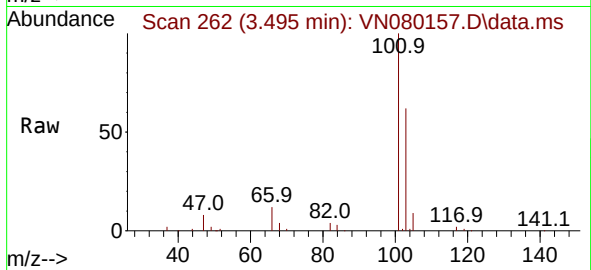
#7  
 Trichlorofluoromethane  
 Concen: 18.229 ug/l  
 RT: 3.495 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN080157.D  
 Acq: 17 Nov 2023 12:54

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1117WBS01

Tgt Ion:101 Resp: 11566  
 Ion Ratio Lower Upper  
 101 100  
 103 62.2 50.7 76.1

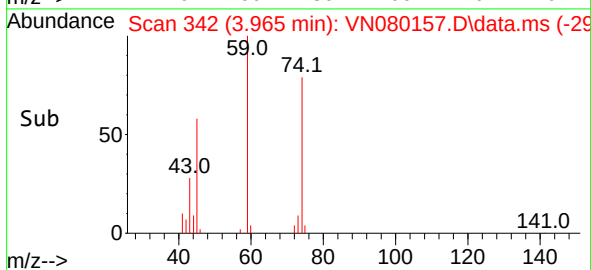
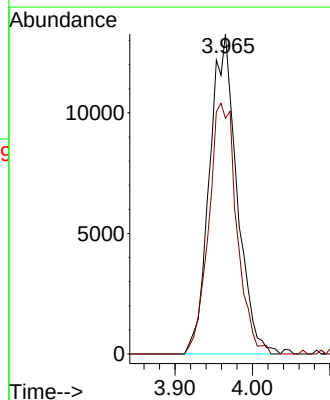
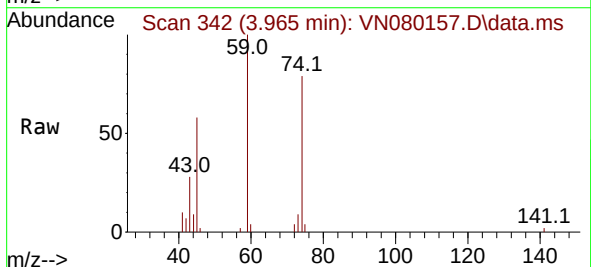
Manual Integrations  
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Reviewed By :John Carlone 11/18/2023  
 Supervised By :Mahesh Dadoda 11/20/2023

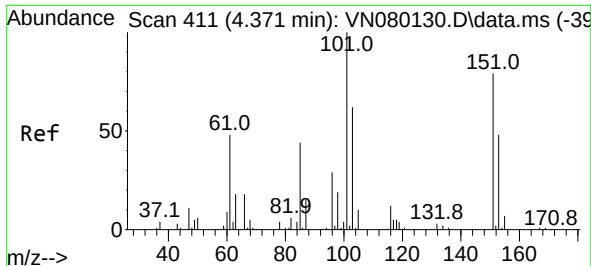


#8  
 Diethyl Ether  
 Concen: 17.717 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.006 min  
 Lab File: VN080157.D  
 Acq: 17 Nov 2023 12:54

Tgt Ion: 74 Resp: 32694  
 Ion Ratio Lower Upper  
 74 100  
 45 79.8 34.4 103.3







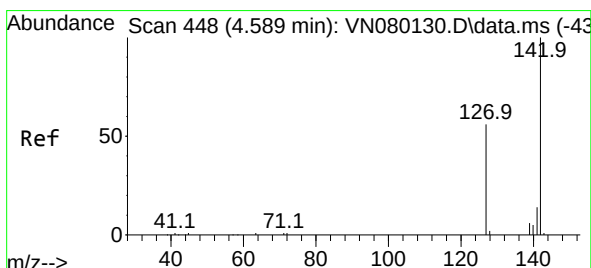
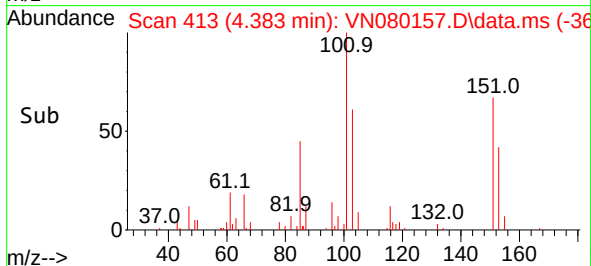
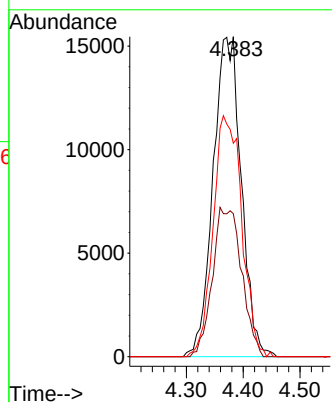
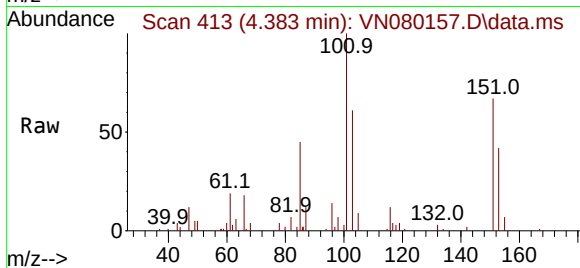
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.329 ug/l  
RT: 4.383 min Scan# 411  
Delta R.T. 0.012 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion:101 Resp: 5315  
Ion Ratio Lower Upper  
101 100  
85 0.0 36.6 55.0  
151 0.0 57.6 86.4

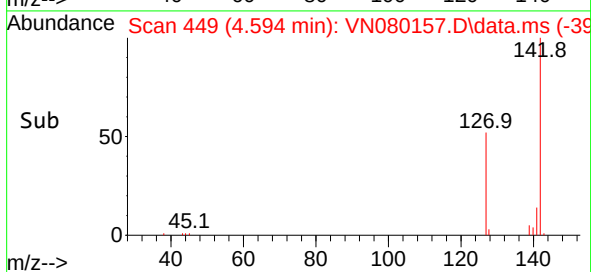
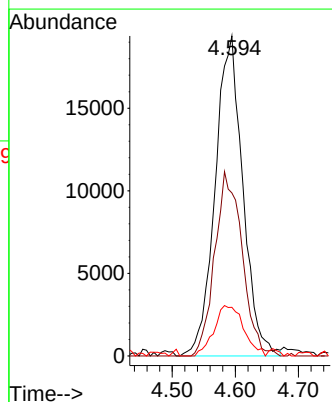
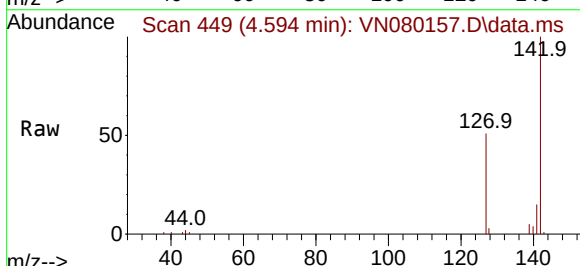
Manual Integrations  
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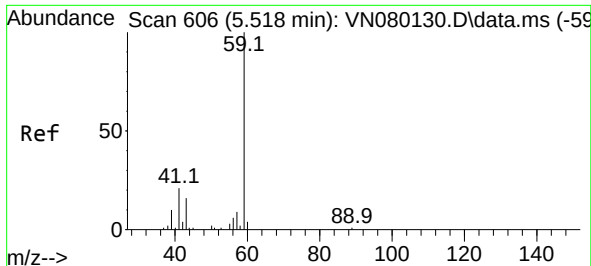
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#10  
Methyl Iodide  
Concen: 18.816 ug/l  
RT: 4.594 min Scan# 449  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion:142 Resp: 58974  
Ion Ratio Lower Upper  
142 100  
127 51.0 37.6 56.4  
141 15.2 11.4 17.0





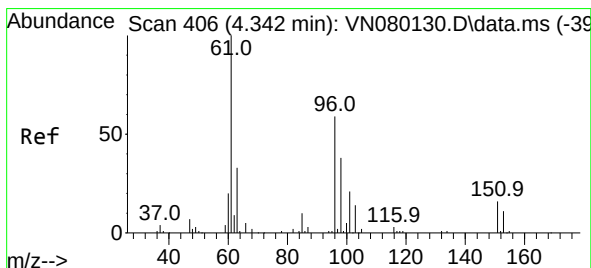
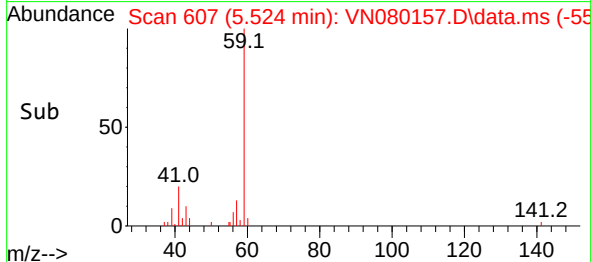
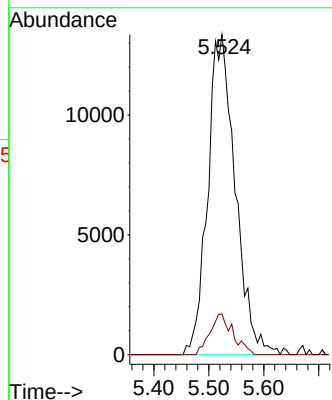
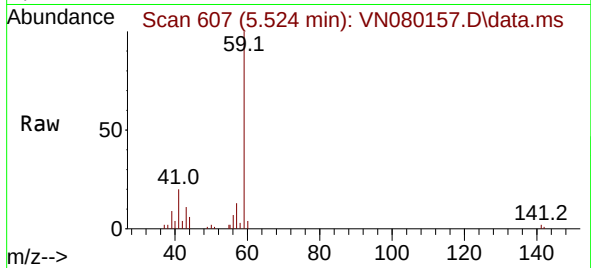
#11  
Tert butyl alcohol  
Concen: 99.667 ug/l  
RT: 5.524 min Scan# 607  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
Client Sample Id :  
VN1117WBS01

Tgt Ion: 59 Resp: 46440  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.2 12.4

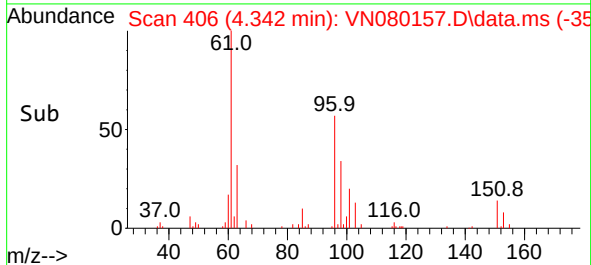
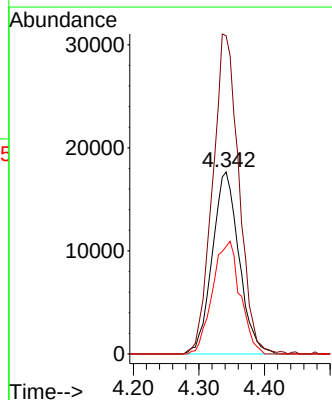
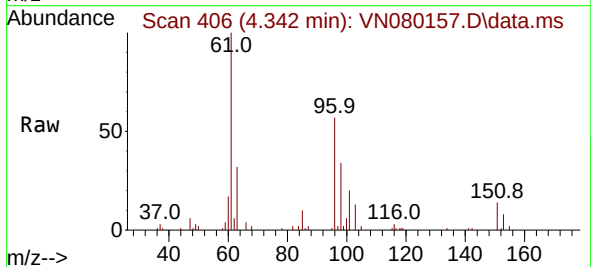
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APPROVED

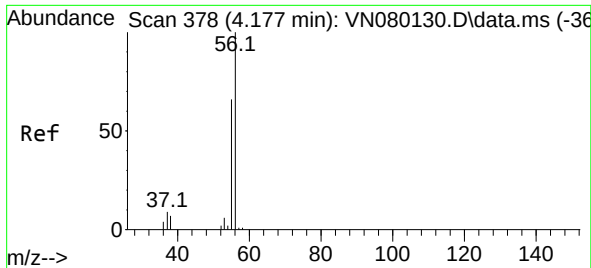
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#12  
1,1-Dichloroethene  
Concen: 18.441 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion: 96 Resp: 50024  
Ion Ratio Lower Upper  
96 100  
61 174.9 112.7 169.1#  
98 59.0 51.2 76.8





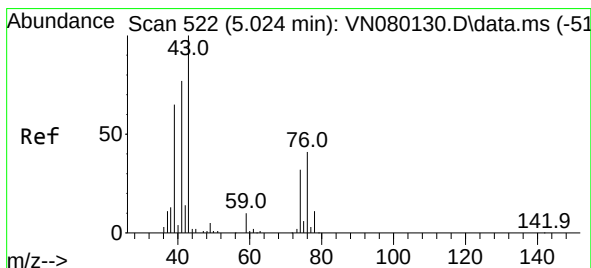
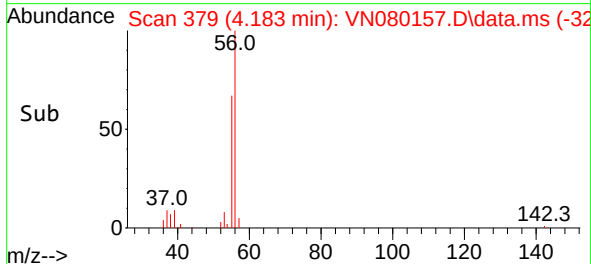
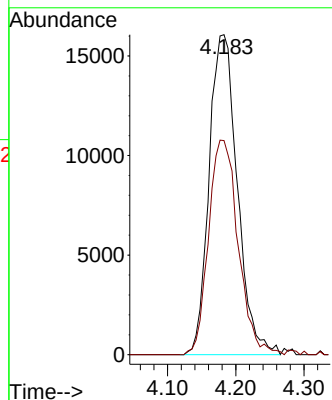
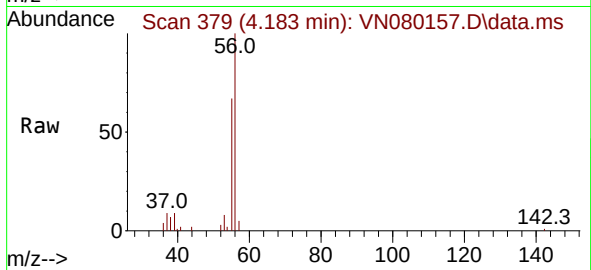
#13  
Acrolein  
Concen: 112.377 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion: 56 Resp: 46340  
Ion Ratio Lower Upper  
56 100  
55 70.1 54.5 81.7

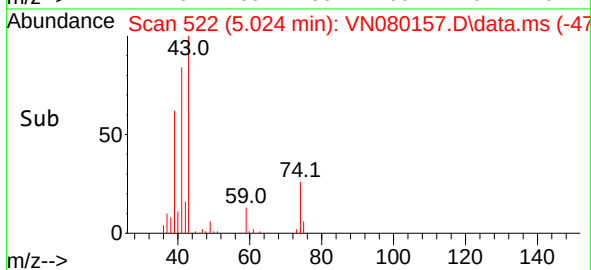
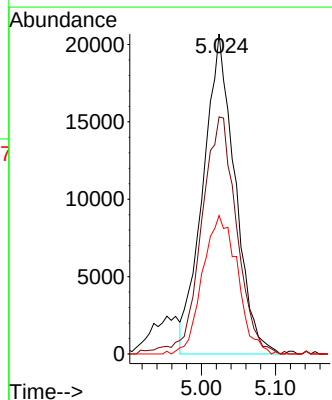
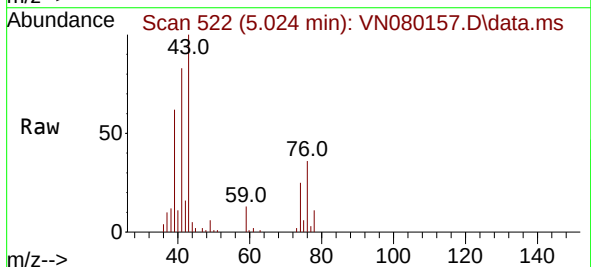
Manual Integrations  
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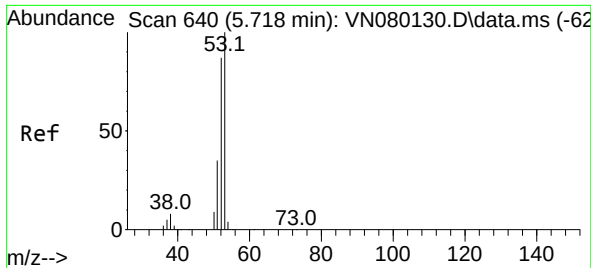
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#14  
Allyl chloride  
Concen: 18.134 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

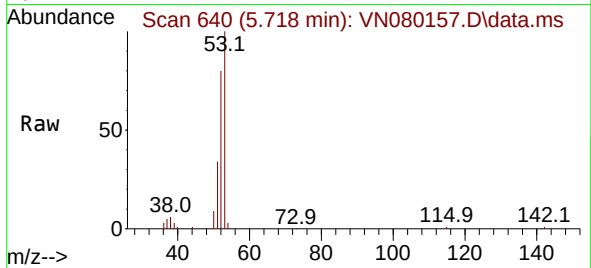
Tgt Ion: 41 Resp: 61887  
Ion Ratio Lower Upper  
41 100  
39 81.6 58.8 88.2  
76 47.2 39.1 58.7





#15  
Acrylonitrile  
Concen: 98.109 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

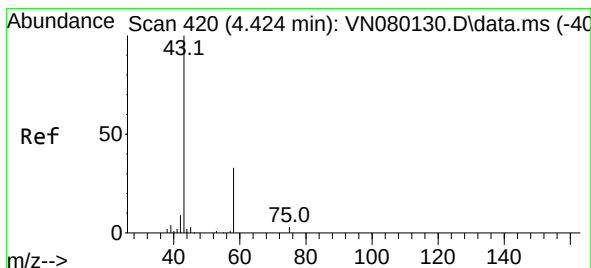
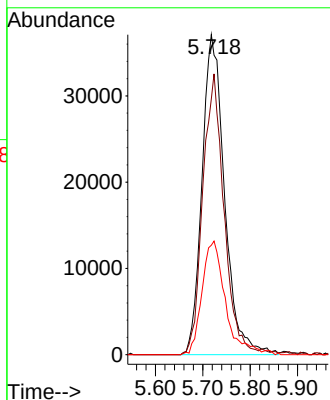
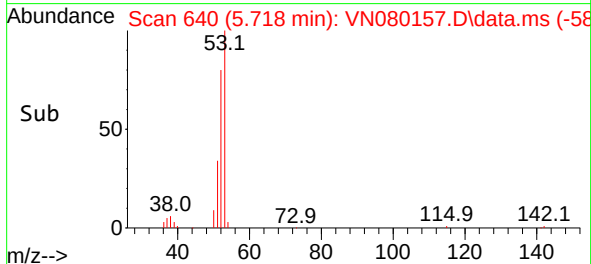
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



Tgt Ion: 53 Resp: 122730  
Ion Ratio Lower Upper  
53 100  
52 82.4 65.3 97.9  
51 36.6 28.9 43.3

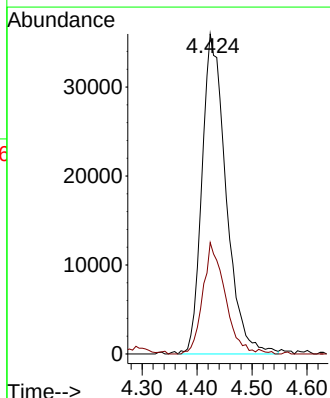
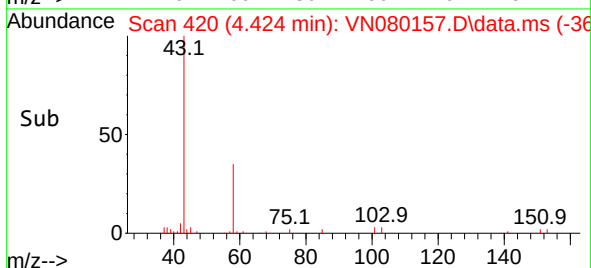
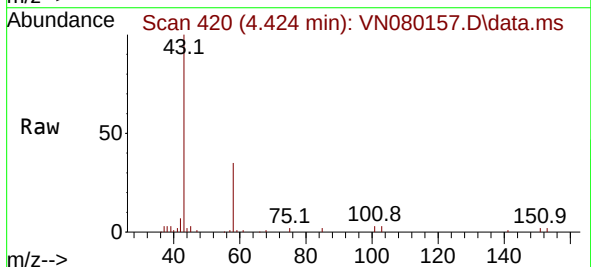
Manual Integrations  
APPROVED

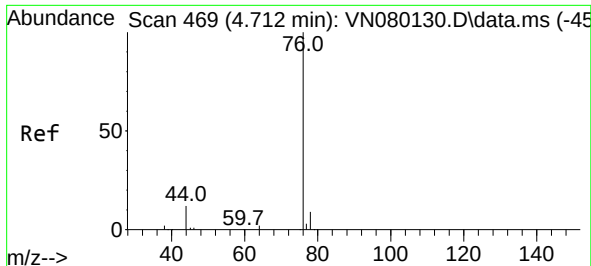
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#16  
Acetone  
Concen: 76.975 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

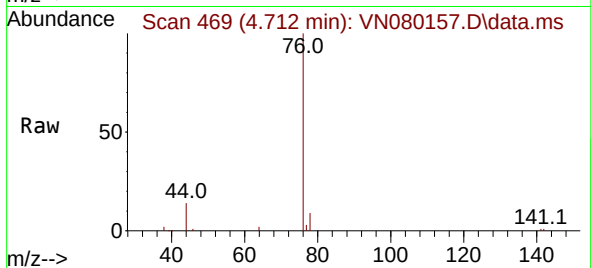
Tgt Ion: 43 Resp: 109561  
Ion Ratio Lower Upper  
43 100  
58 34.8 28.0 42.0





#17  
Carbon Disulfide  
Concen: 16.680 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

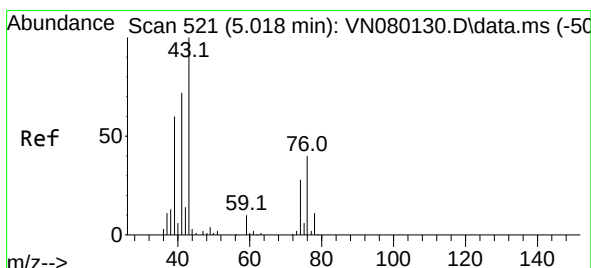
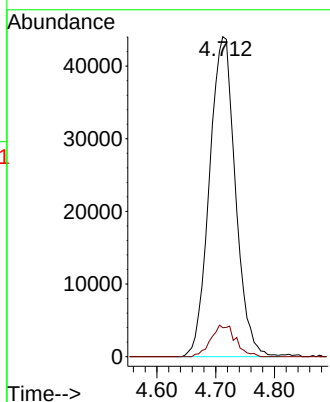
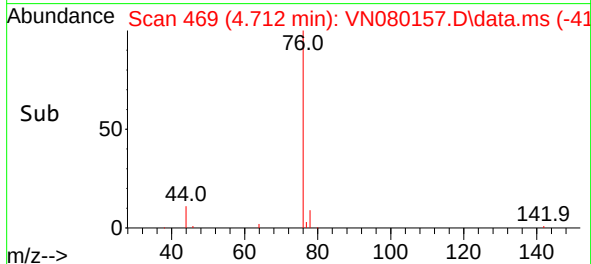
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



Tgt Ion: 76 Resp: 135100  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.0

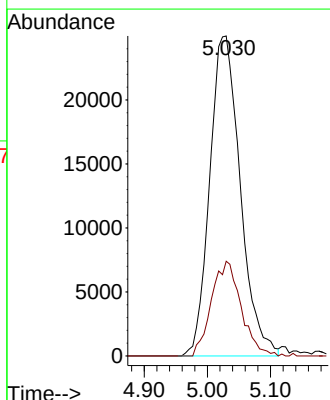
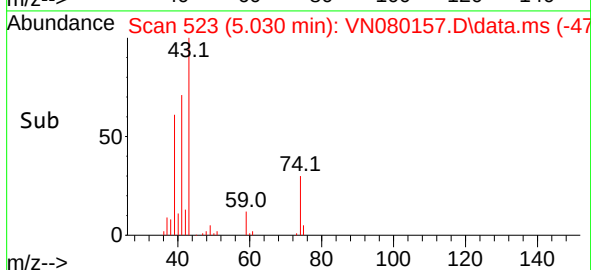
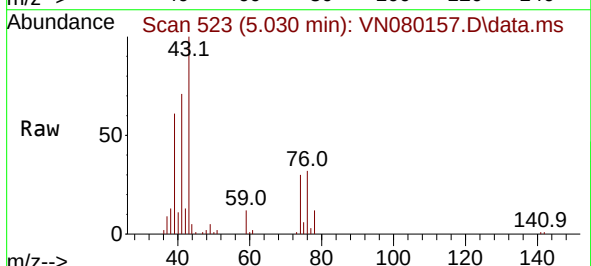
Manual Integrations  
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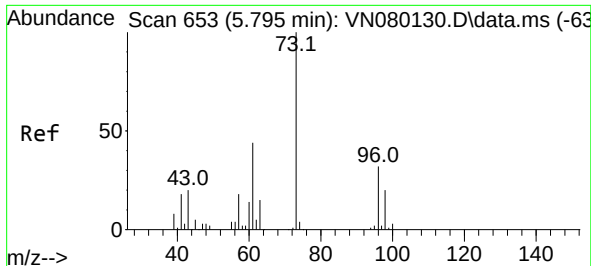
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#18  
Methyl Acetate  
Concen: 18.375 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.012 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion: 43 Resp: 84034  
Ion Ratio Lower Upper  
43 100  
74 28.7 26.2 39.4





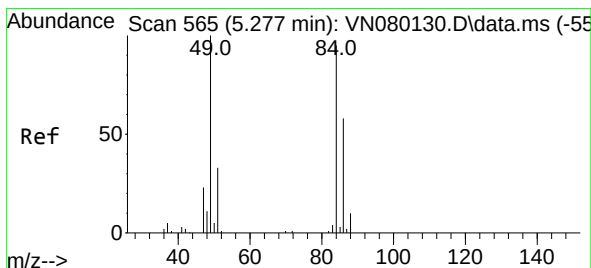
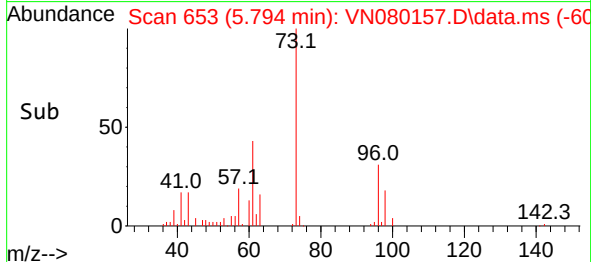
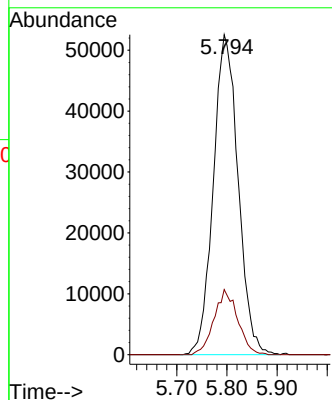
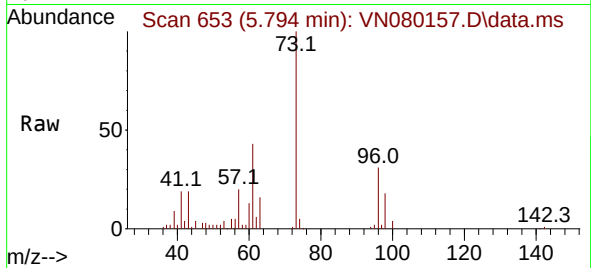
#19  
Methyl tert-butyl Ether  
Concen: 18.852 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion: 73 Resp: 180590  
Ion Ratio Lower Upper  
73 100  
57 20.4 15.6 23.4

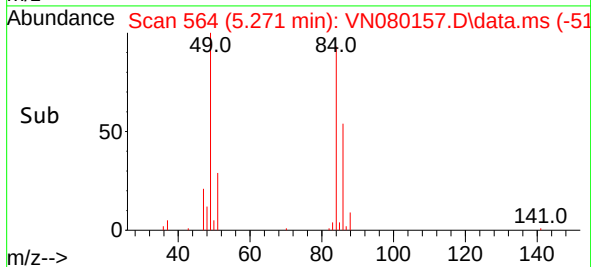
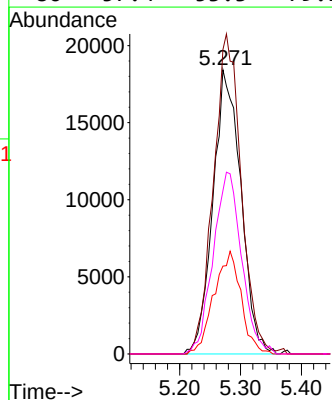
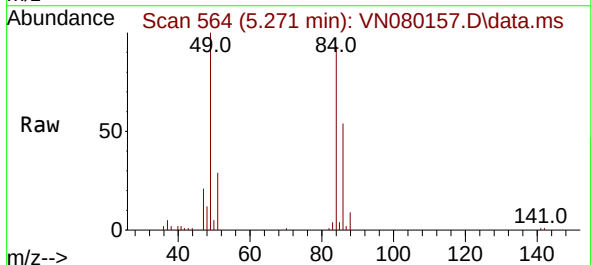
Manual Integrations  
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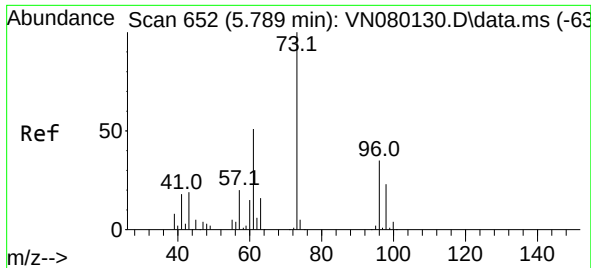
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#20  
Methylene Chloride  
Concen: 19.676 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion: 84 Resp: 58649  
Ion Ratio Lower Upper  
84 100  
49 107.1 79.7 119.5  
51 30.9 25.2 37.8  
86 57.4 53.3 79.9





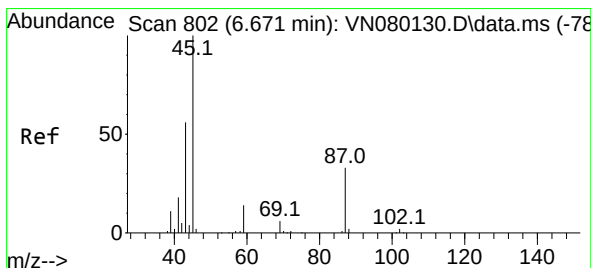
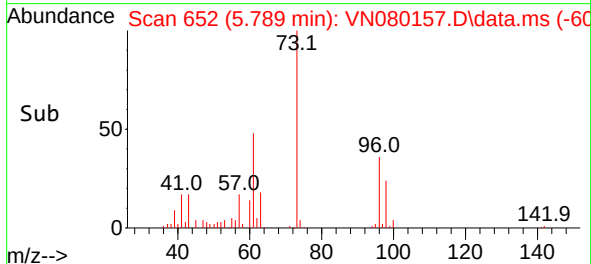
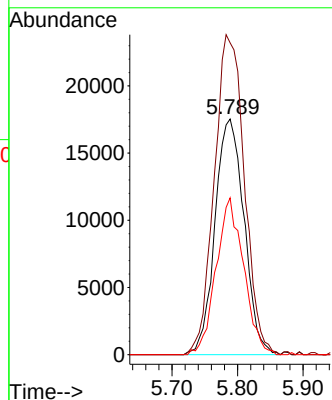
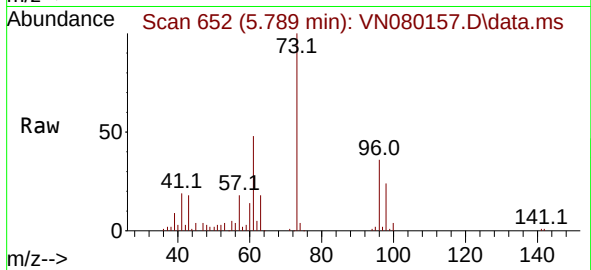
#21  
trans-1,2-Dichloroethene  
Concen: 18.124 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion: 96 Resp: 54009  
Ion Ratio Lower Upper  
96 100  
61 132.3 90.1 135.1  
98 66.5 46.4 69.6

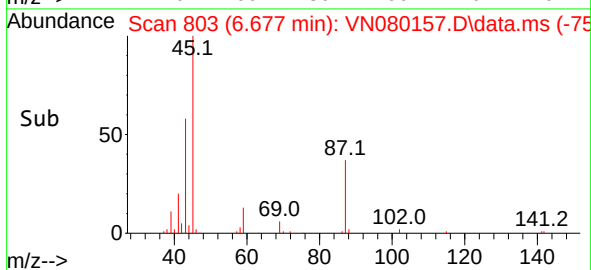
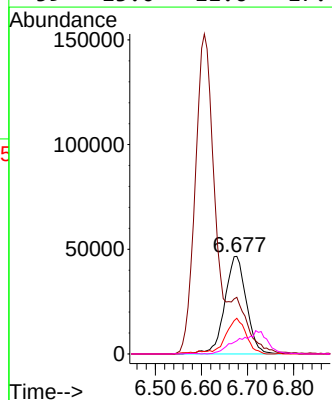
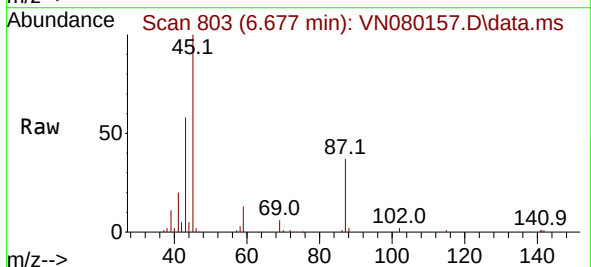
Manual Integrations  
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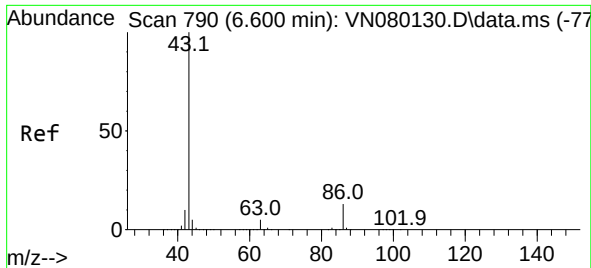
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#22  
Diisopropyl ether  
Concen: 19.988 ug/l  
RT: 6.677 min Scan# 803  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion: 45 Resp: 150923  
Ion Ratio Lower Upper  
45 100  
43 56.1 45.5 68.3  
87 36.1 31.8 47.8  
59 13.0 11.6 17.4





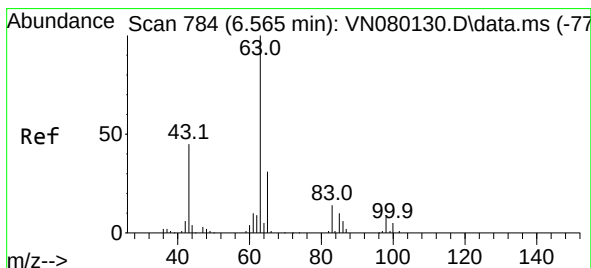
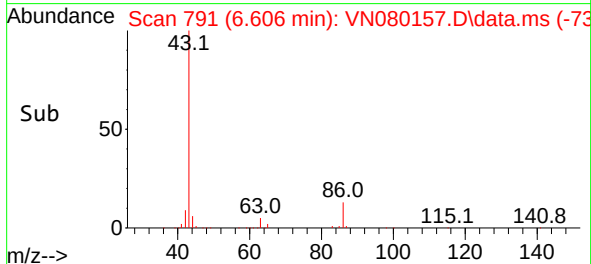
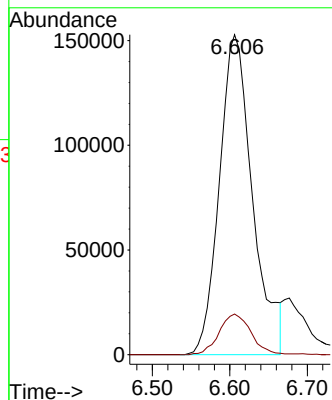
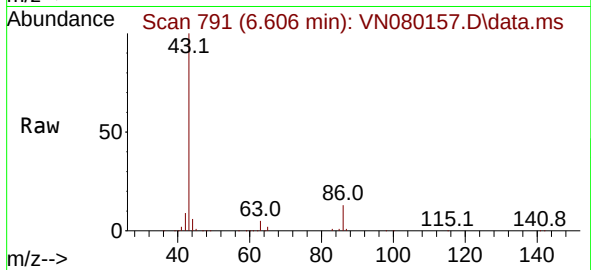
#23  
 Vinyl Acetate  
 Concen: 100.133 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN080157.D  
 Acq: 17 Nov 2023 12:54

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1117WBS01

Tgt Ion: 43 Resp: 454544  
 Ion Ratio Lower Upper  
 43 100  
 86 12.7 13.0 19.6

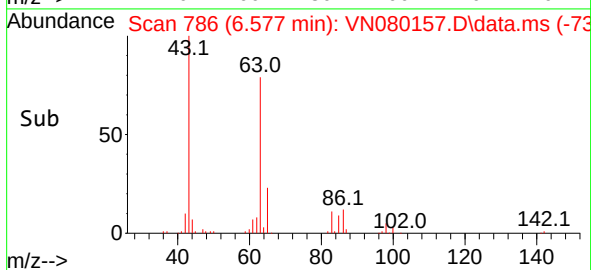
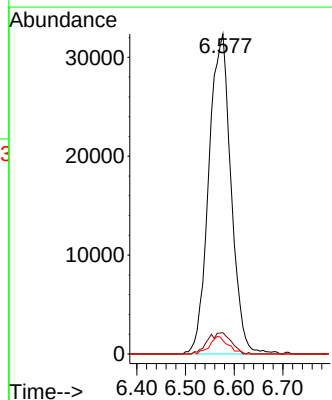
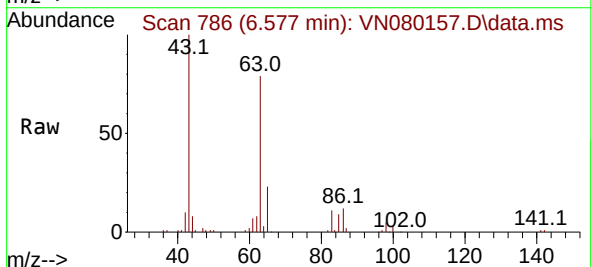
Manual Integrations  
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Reviewed By :John Carlone 11/18/2023  
 Supervised By :Mahesh Dadoda 11/20/2023

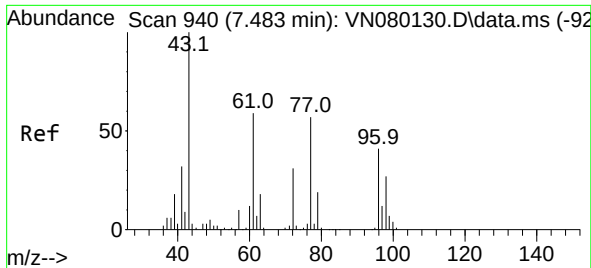


#24  
 1,1-Dichloroethane  
 Concen: 18.629 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. 0.012 min  
 Lab File: VN080157.D  
 Acq: 17 Nov 2023 12:54

Tgt Ion: 63 Resp: 102447  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.9 11.7  
 100 4.1 2.5 7.4

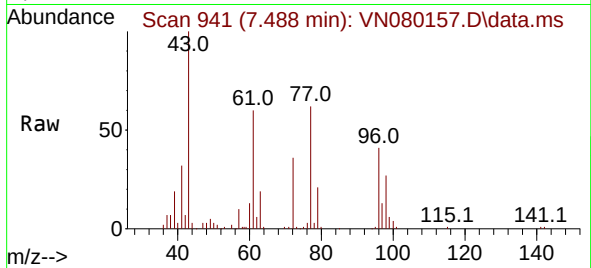






#25  
2-Butanone  
Concen: 88.565 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

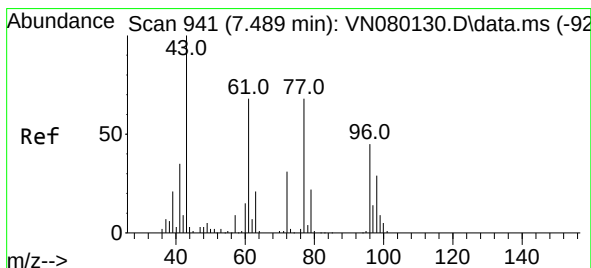
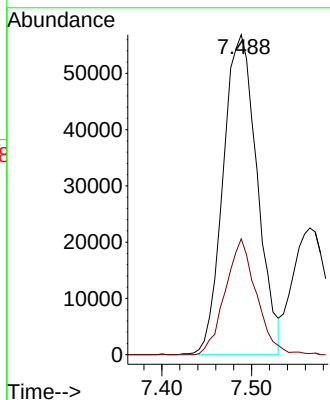
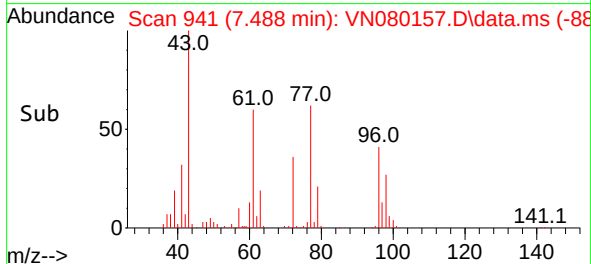
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



Tgt Ion: 43 Resp: 14977  
Ion Ratio Lower Upper  
43 100  
72 36.2 30.2 45.2

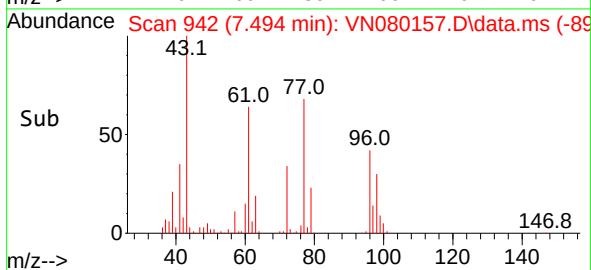
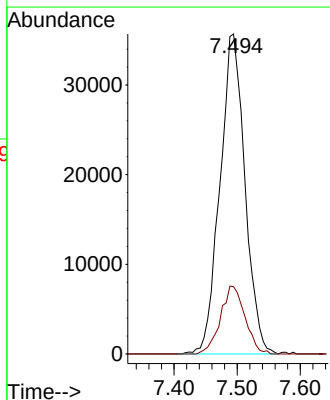
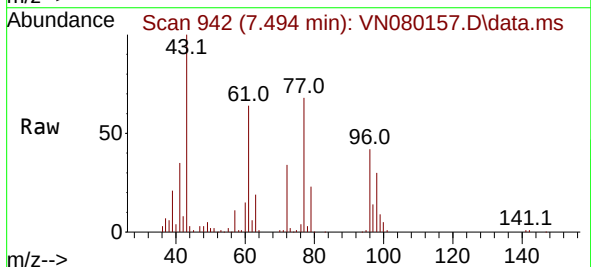
Manual Integrations  
APPROVED

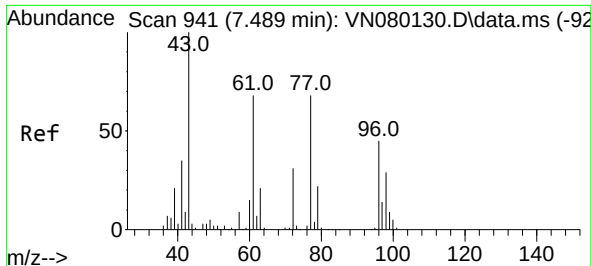
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#26  
2,2-Dichloropropane  
Concen: 17.972 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

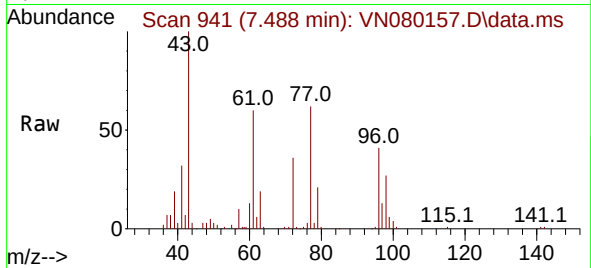
Tgt Ion: 77 Resp: 98058  
Ion Ratio Lower Upper  
77 100  
97 20.8 11.2 33.6





#27  
cis-1,2-Dichloroethene  
Concen: 18.280 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

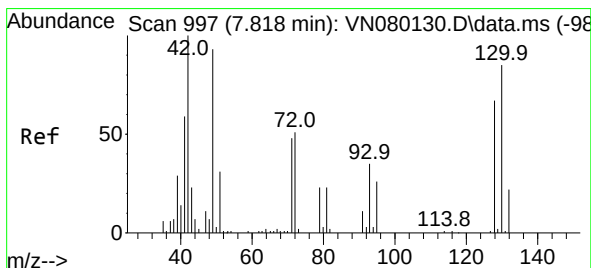
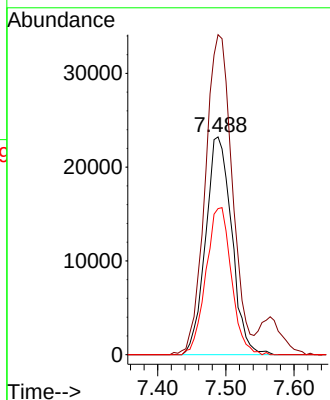
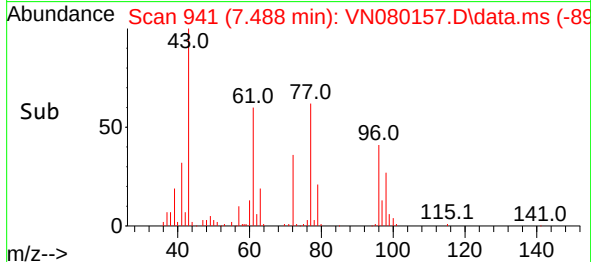
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



Tgt Ion: 96 Resp: 61762  
Ion Ratio Lower Upper  
96 100  
61 152.7 0.0 255.2  
98 66.0 0.0 128.8

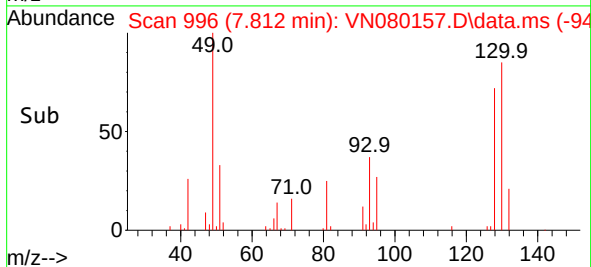
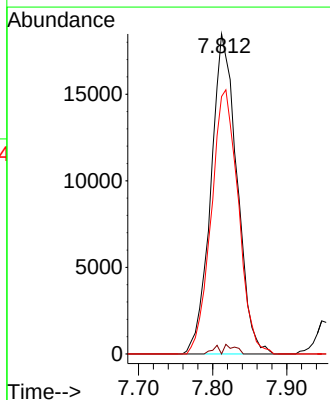
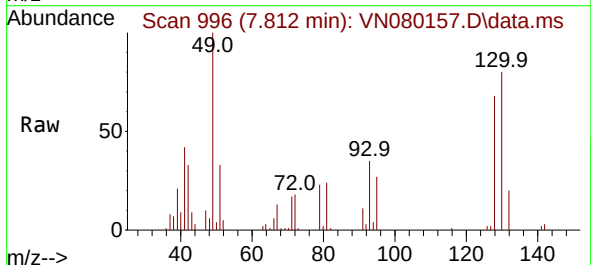
Manual Integrations  
APPROVED

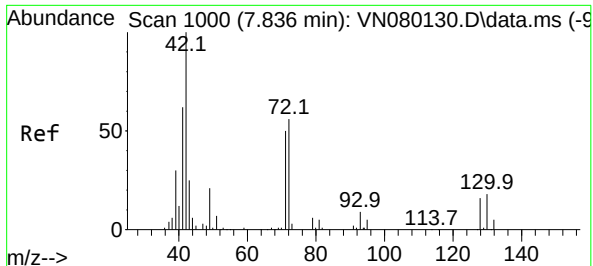
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#28  
Bromochloromethane  
Concen: 20.905 ug/l  
RT: 7.812 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion: 49 Resp: 45196  
Ion Ratio Lower Upper  
49 100  
129 1.2 0.0 4.8  
130 85.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 102.341 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

Instrument :

MSVOA\_N

ClientSampleId :

VN1117WBS01

Tgt Ion: 42 Resp: 92915

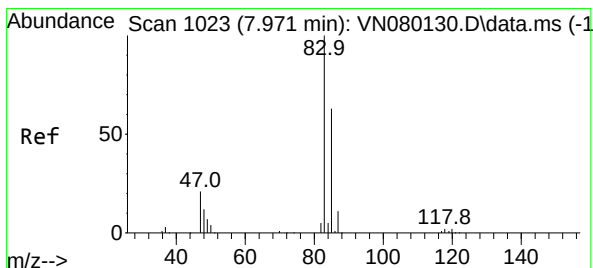
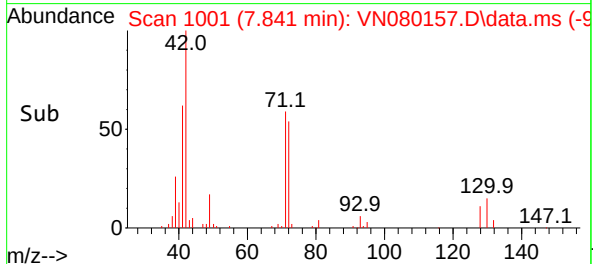
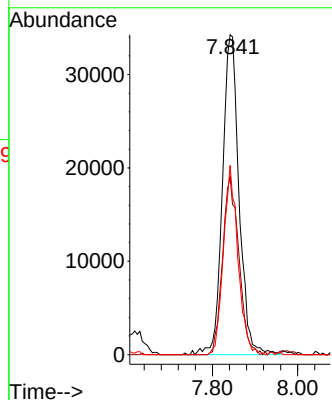
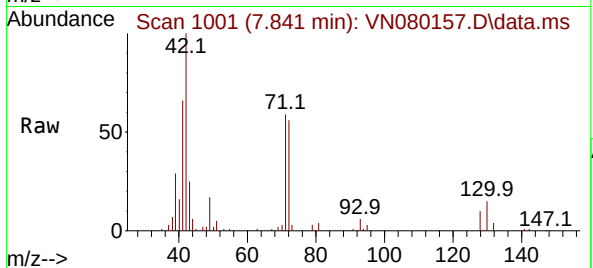
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 54.3  | 49.8  | 74.6  |
| 71  | 51.6  | 47.4  | 71.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 18.772 ug/l

RT: 7.971 min Scan# 1023

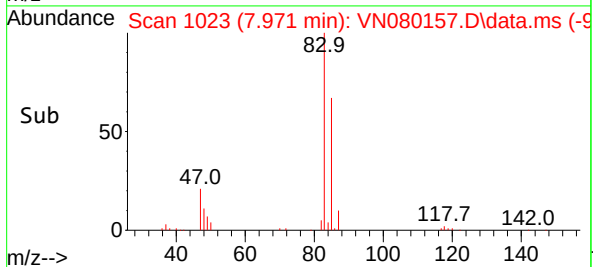
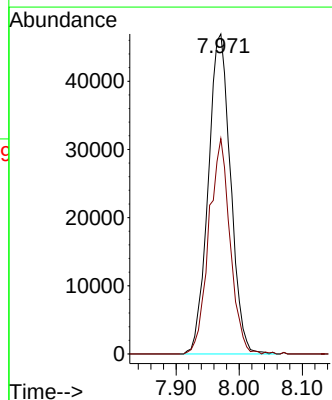
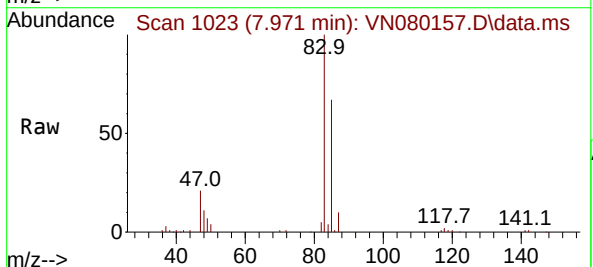
Delta R.T. -0.000 min

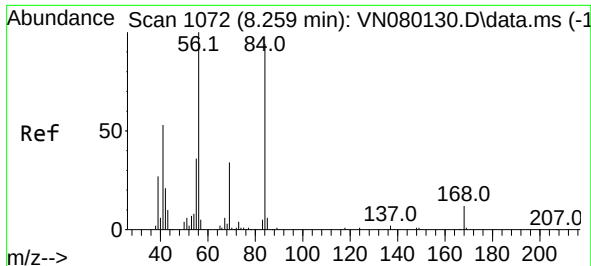
Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

Tgt Ion: 83 Resp: 115389

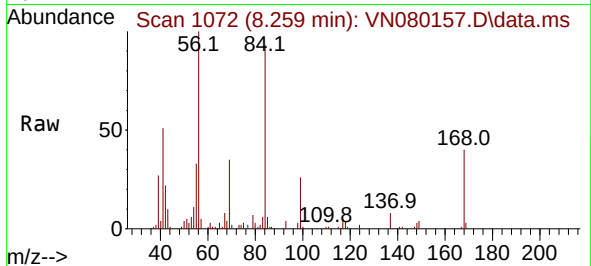
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 67.3  | 55.4  | 83.0  |





#31  
Cyclohexane  
Concen: 18.466 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

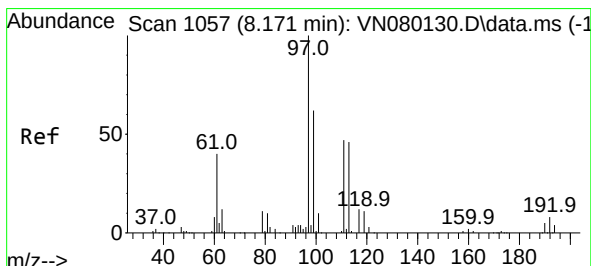
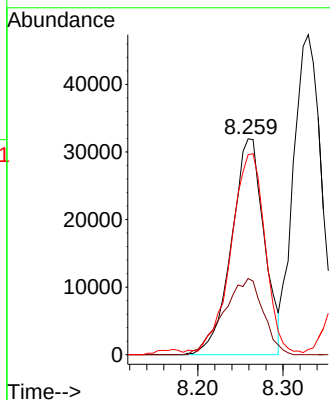
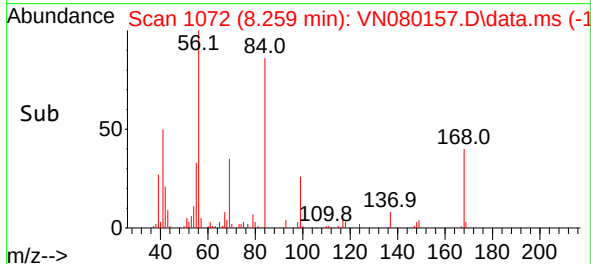
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



Tgt Ion: 56 Resp: 8510  
Ion Ratio Lower Upper  
56 100  
69 35.3 26.8 40.2  
84 90.6 81.8 122.6

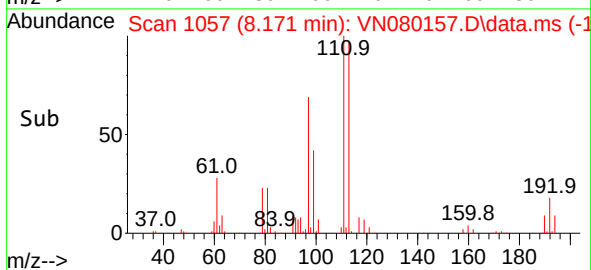
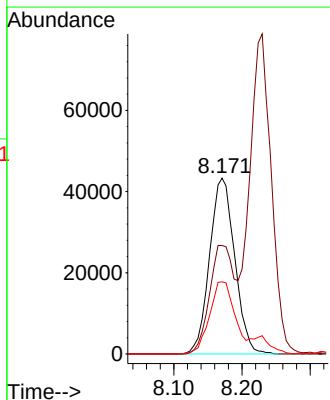
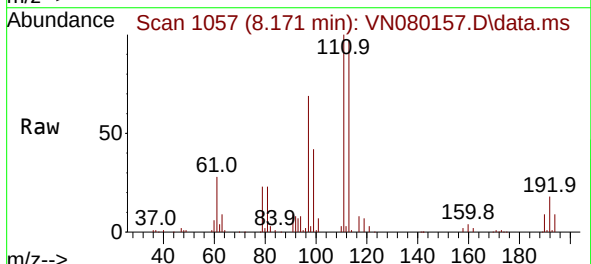
Manual Integrations  
APPROVED

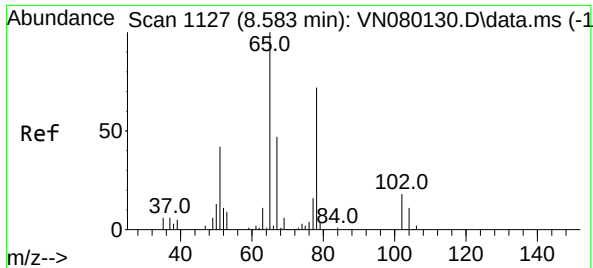
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#32  
1,1,1-Trichloroethane  
Concen: 18.551 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion: 97 Resp: 111205  
Ion Ratio Lower Upper  
97 100  
99 62.1 50.3 75.5  
61 43.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.149 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

Instrument :

MSVOA\_N

ClientSampleId :

VN1117WBS01

Tgt Ion: 65 Resp: 21675

Ion Ratio Lower Upper

65 100

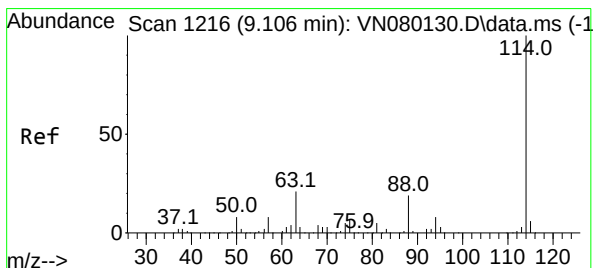
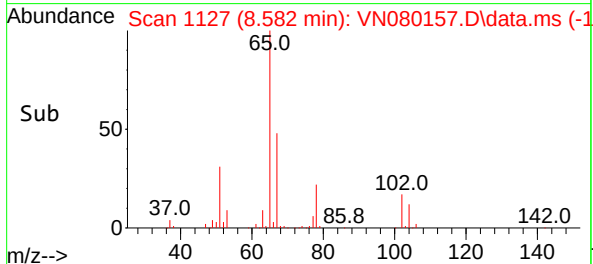
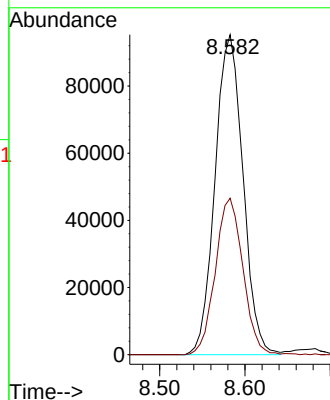
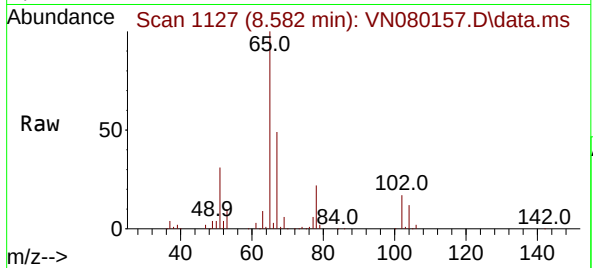
67 48.4 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

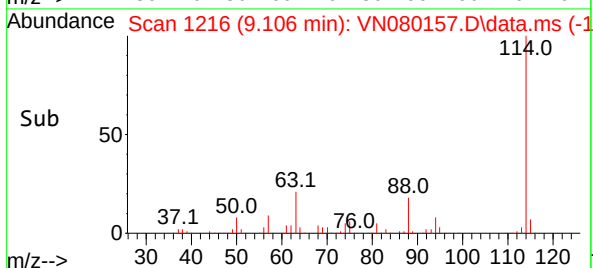
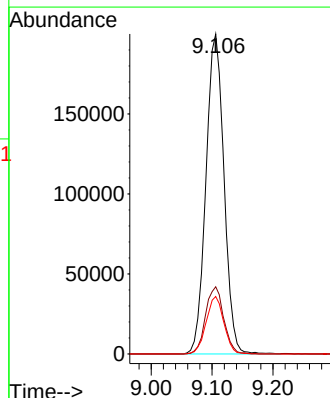
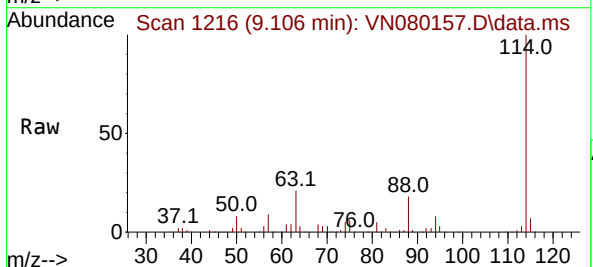
Tgt Ion:114 Resp: 412248

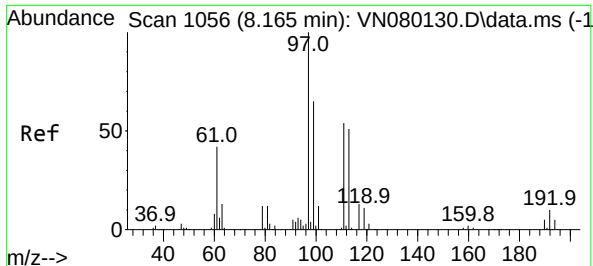
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 18.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.212 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

Instrument :

MSVOA\_N

ClientSampleId :

VN1117WBS01

Tgt Ion: 113 Resp: 155778

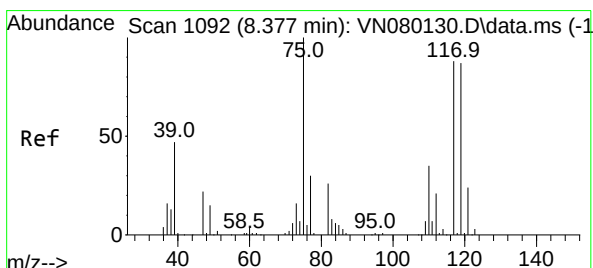
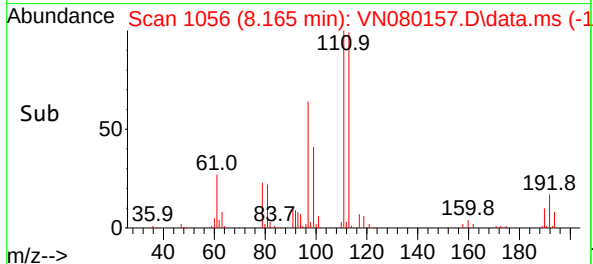
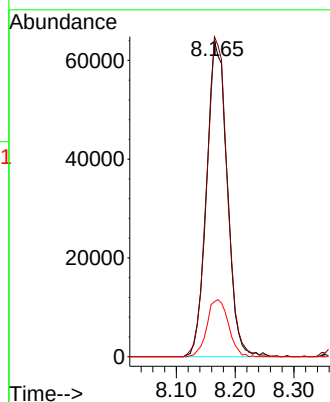
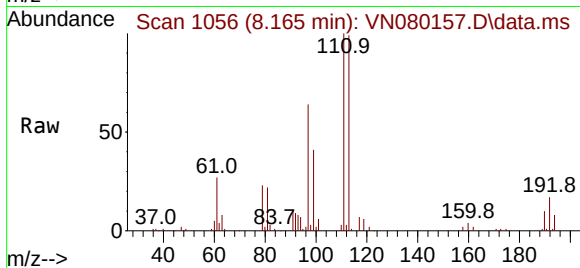
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 101.1 | 82.6  | 123.8 |
| 192 | 18.8  | 12.7  | 19.1  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#36

1,1-Dichloropropene

Concen: 18.407 ug/l

RT: 8.377 min Scan# 1092

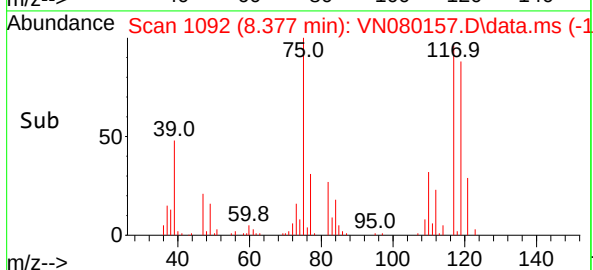
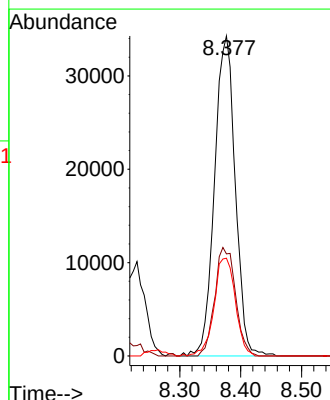
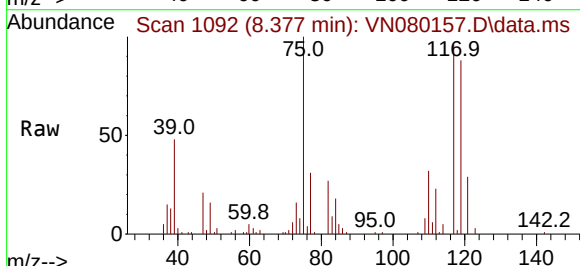
Delta R.T. -0.000 min

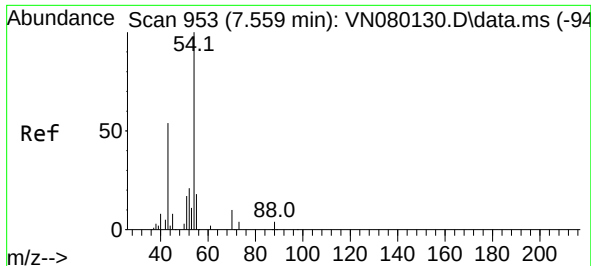
Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

Tgt Ion: 75 Resp: 81065

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 34.1  | 19.1  | 57.3  |
| 77  | 31.5  | 25.0  | 37.4  |





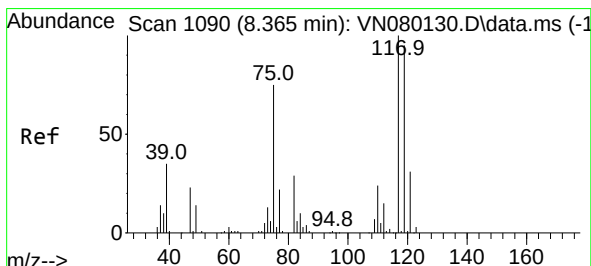
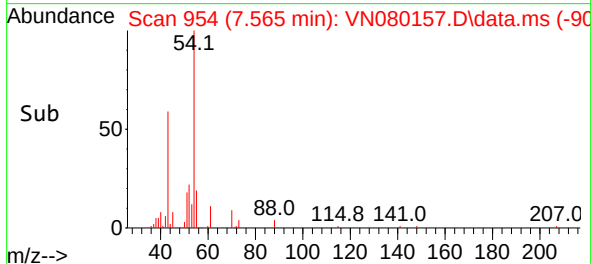
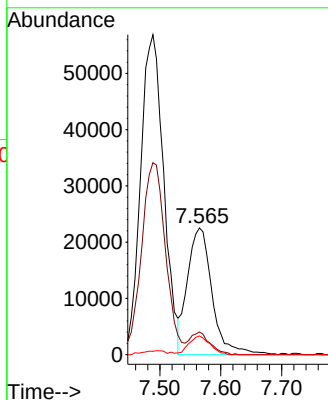
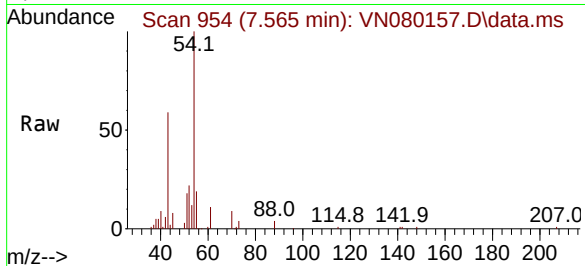
#37  
Ethyl Acetate  
Concen: 20.723 ug/l  
RT: 7.565 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion: 43 Resp: 6330  
Ion Ratio Lower Upper  
43 100  
61 14.4 13.2 19.8  
70 12.6 11.3 16.9

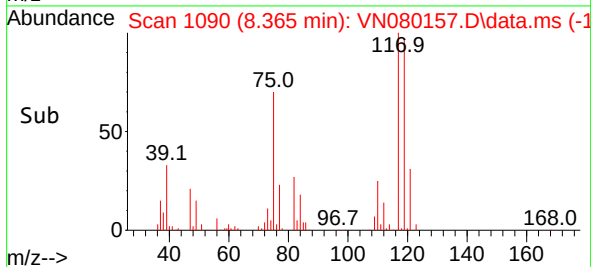
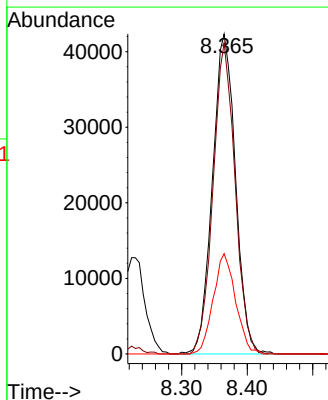
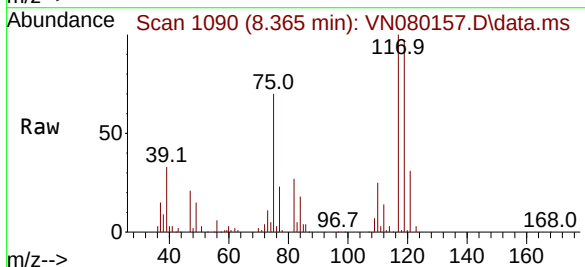
Manual Integrations  
APPROVED

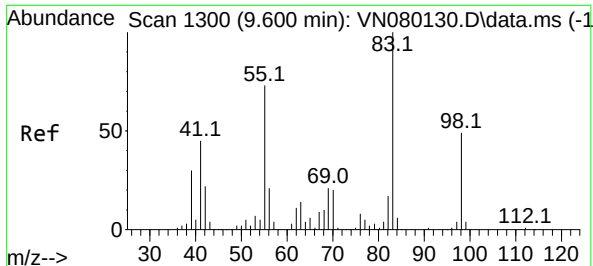
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#38  
Carbon Tetrachloride  
Concen: 18.447 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion:117 Resp: 103093  
Ion Ratio Lower Upper  
117 100  
119 97.2 77.3 115.9  
121 31.3 23.3 34.9





#39

Methylcyclohexane

Concen: 18.387 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

Instrument :

MSVOA\_N

ClientSampleId :

VN1117WBS01

Tgt Ion: 83 Resp: 78079

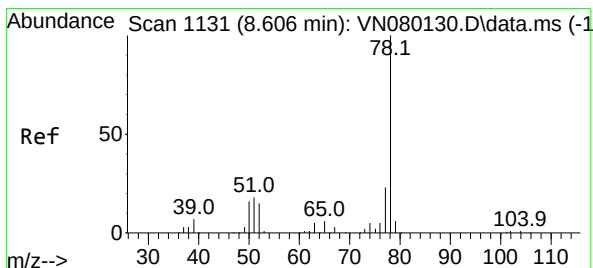
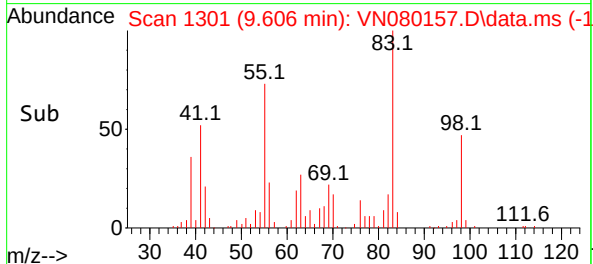
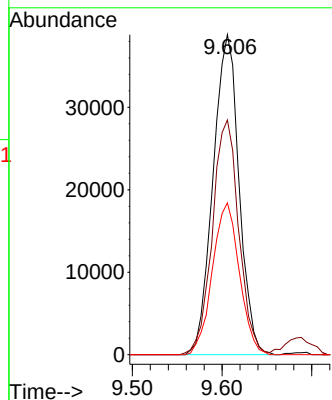
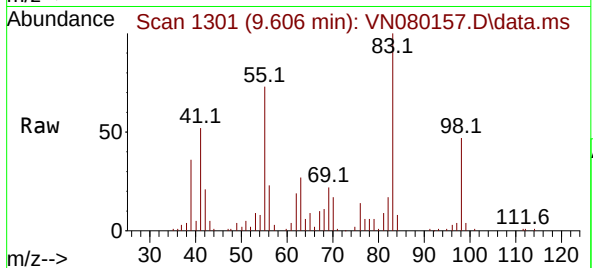
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 73.4  | 49.1  | 73.7  |
| 98  | 47.5  | 40.6  | 61.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#40

Benzene

Concen: 18.734 ug/l

RT: 8.612 min Scan# 1132

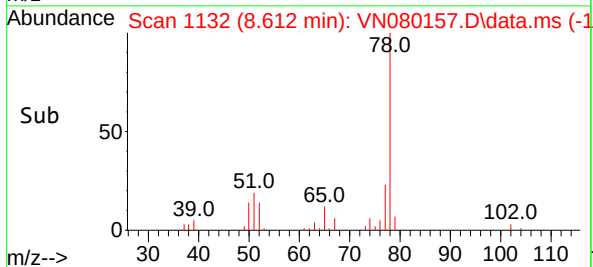
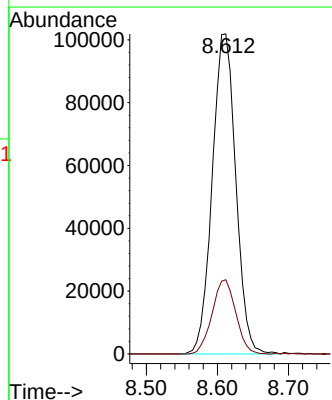
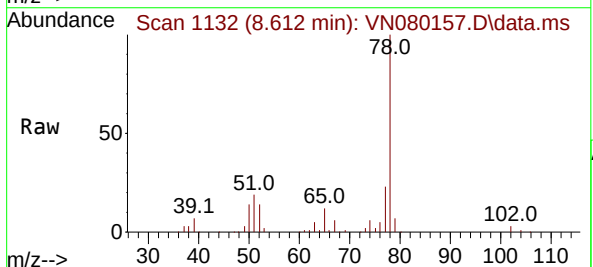
Delta R.T. 0.006 min

Lab File: VN080157.D

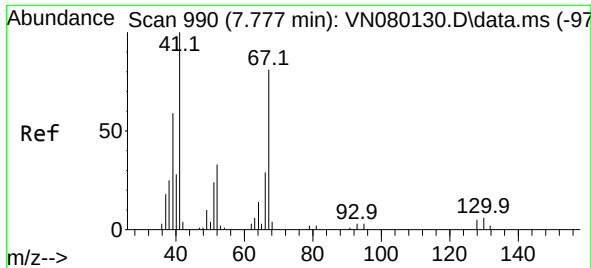
Acq: 17 Nov 2023 12:54

Tgt Ion: 78 Resp: 234485

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.2  | 19.0  | 28.6  |







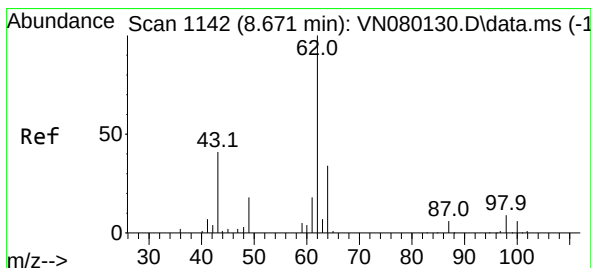
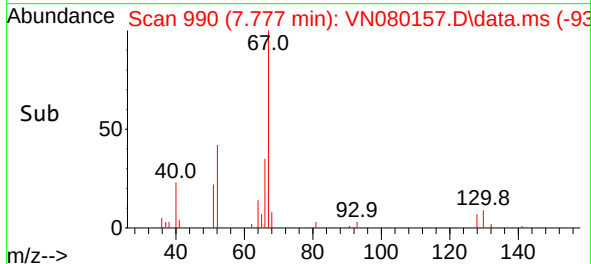
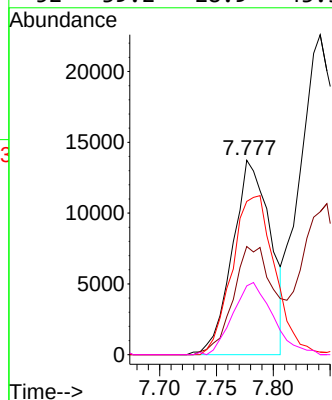
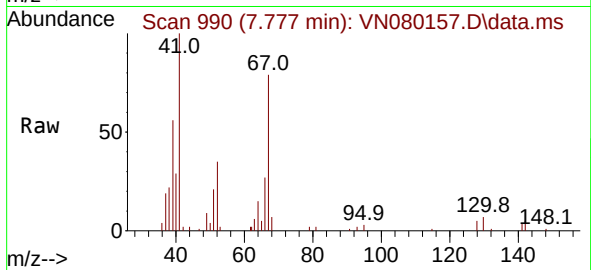
#41  
Methacrylonitrile  
Concen: 19.040 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
Client Sample Id :  
VN1117WBS01

|             |                 |
|-------------|-----------------|
| Tgt Ion: 41 | Resp: 3194      |
| Ion Ratio   | Lower Upper     |
| 41          | 100             |
| 39          | 61.5 42.6 64.0  |
| 67          | 92.1 77.5 116.3 |
| 52          | 39.2 28.9 43.3  |

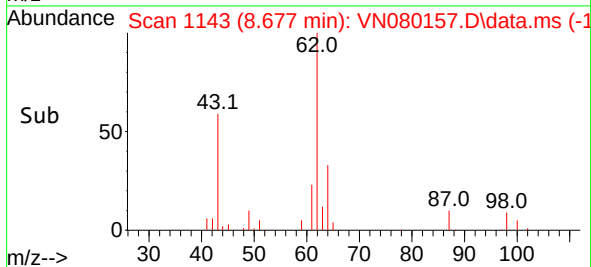
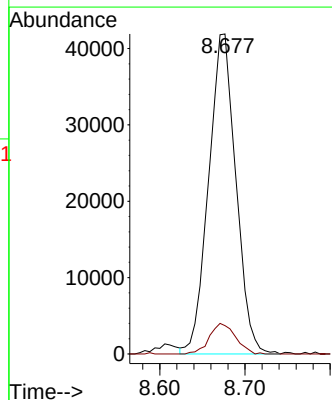
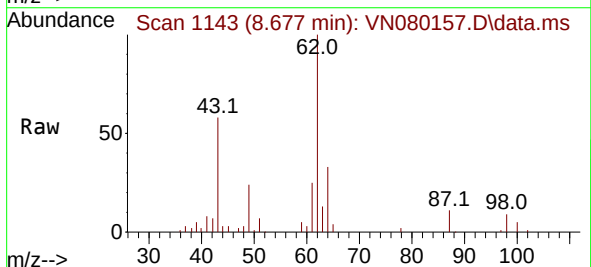
Manual Integrations  
APPROVED

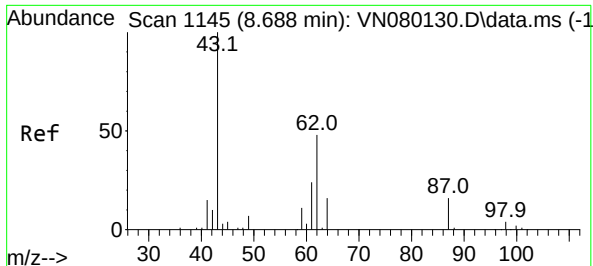
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#42  
1,2-Dichloroethane  
Concen: 18.258 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

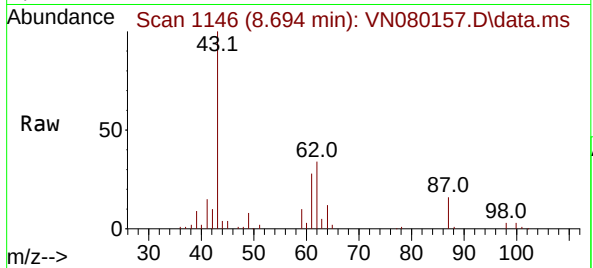
|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 93496  |
| Ion Ratio   | Lower Upper  |
| 62          | 100          |
| 98          | 9.1 0.0 19.8 |





#43  
Isopropyl Acetate  
Concen: 17.613 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

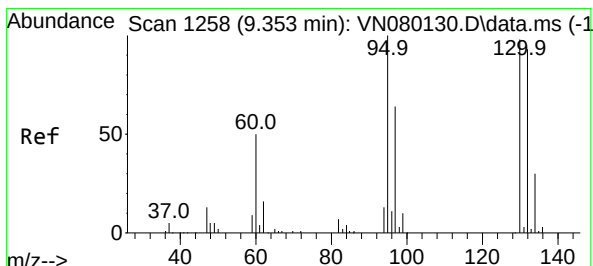
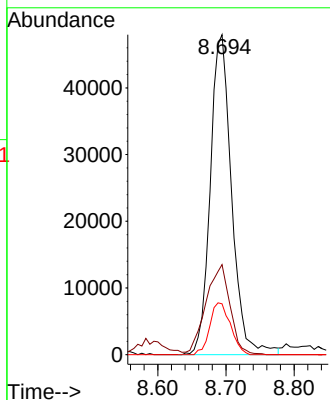
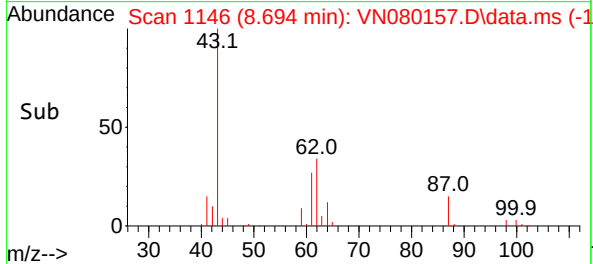
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



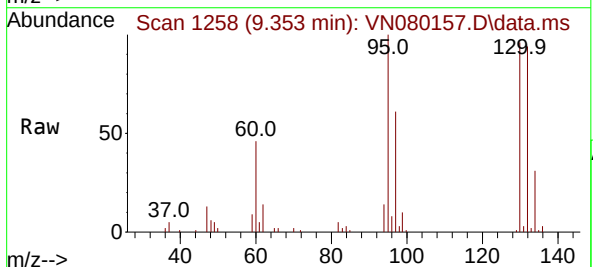
Tgt Ion: 43 Resp: 10470  
Ion Ratio Lower Upper  
43 100  
61 31.9 24.7 37.1  
87 15.7 14.6 21.8

Manual Integrations  
APPROVED

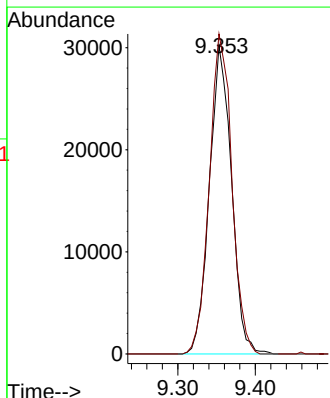
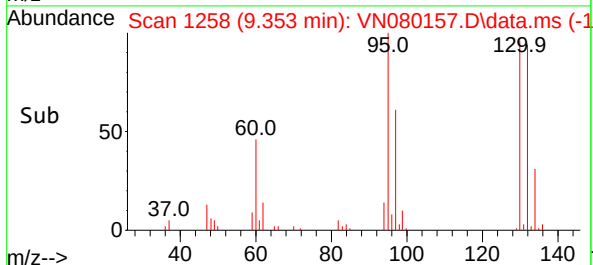
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023

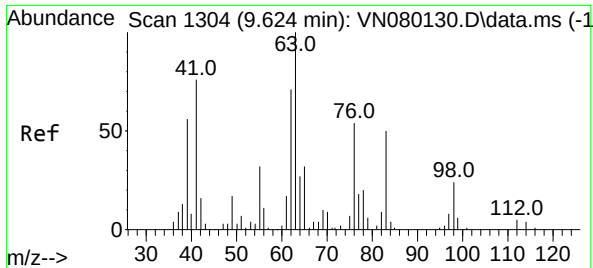


#44  
Trichloroethene  
Concen: 18.204 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54



Tgt Ion:130 Resp: 59770  
Ion Ratio Lower Upper  
130 100  
95 103.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.322 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

Instrument :

MSVOA\_N

ClientSampleId :

VN1117WBS01

Tgt Ion: 63 Resp: 5620

Ion Ratio Lower Upper

63 100

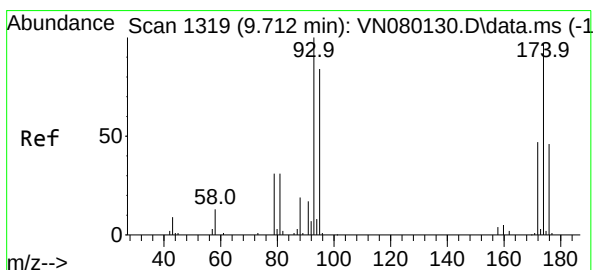
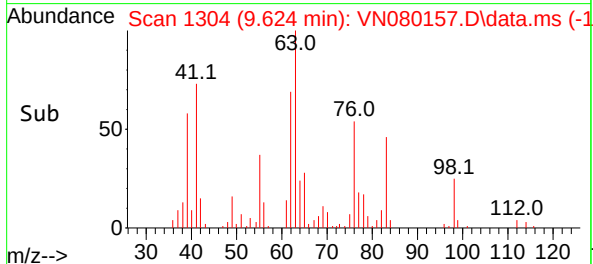
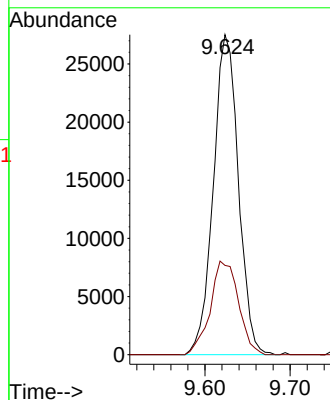
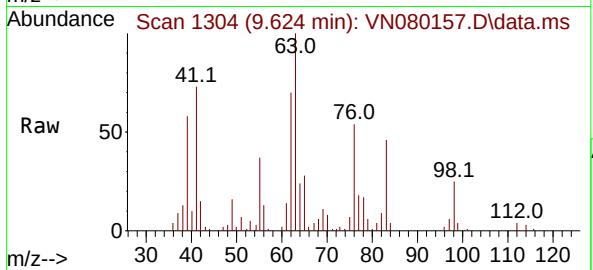
65 27.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 19.019 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

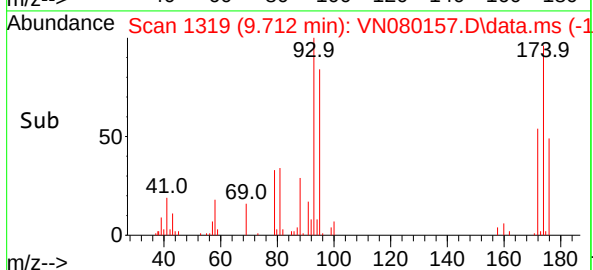
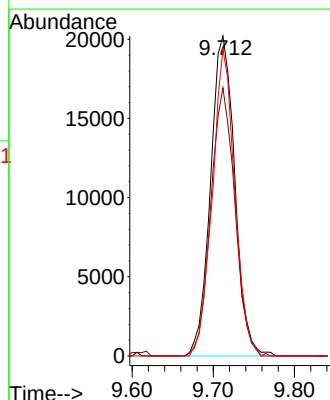
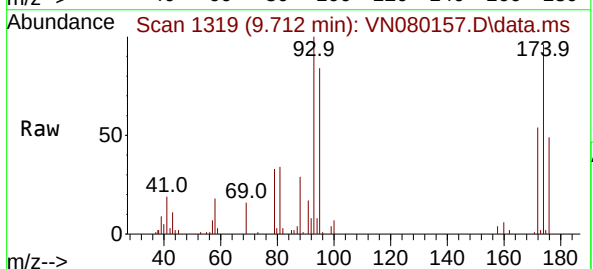
Tgt Ion: 93 Resp: 41876

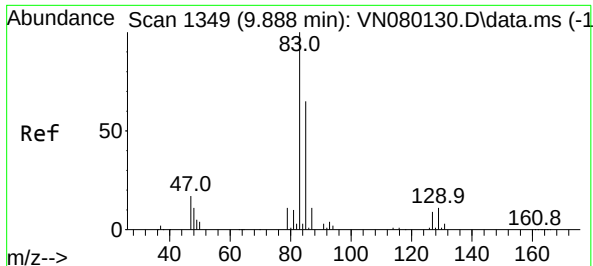
Ion Ratio Lower Upper

93 100

95 83.3 63.8 95.8

174 88.9 65.6 98.4





#47

Bromodichloromethane

Concen: 18.582 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

Instrument :

MSVOA\_N

ClientSampleId :

VN1117WBS01

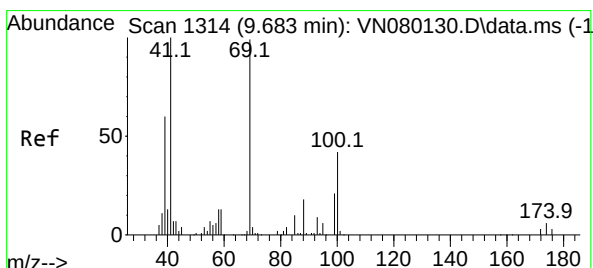
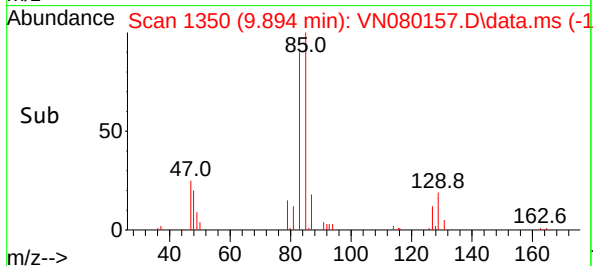
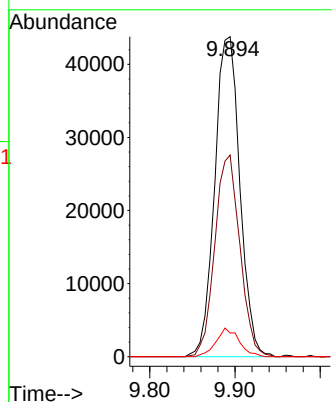
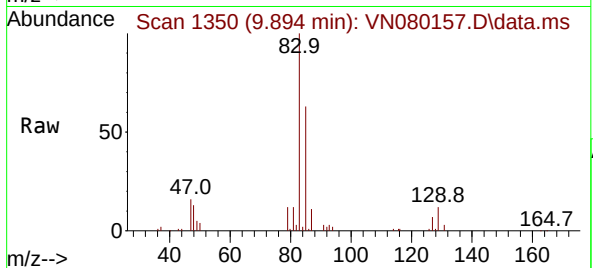
|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 90000    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 85          | 63.0 49.6 74.4 |
| 127         | 7.4 7.0 10.6   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#48

Methyl methacrylate

Concen: 19.572 ug/l

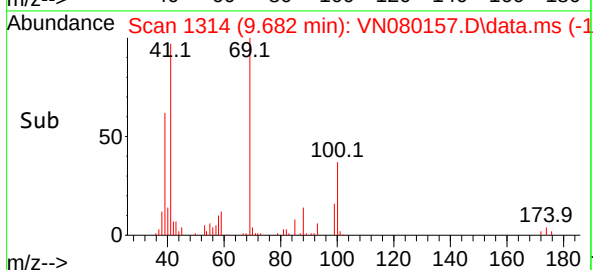
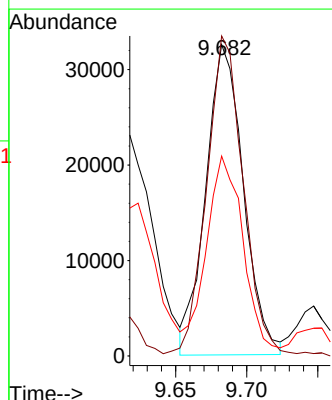
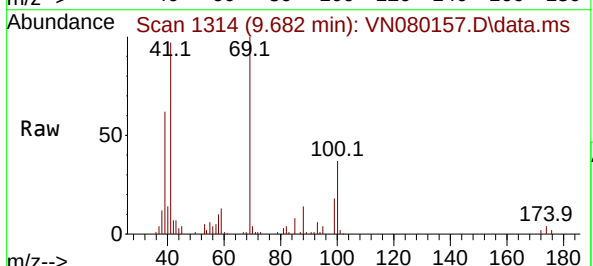
RT: 9.682 min Scan# 1314

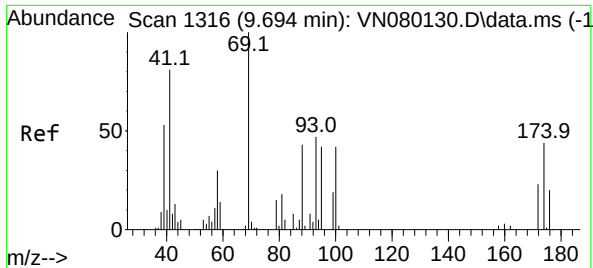
Delta R.T. -0.000 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

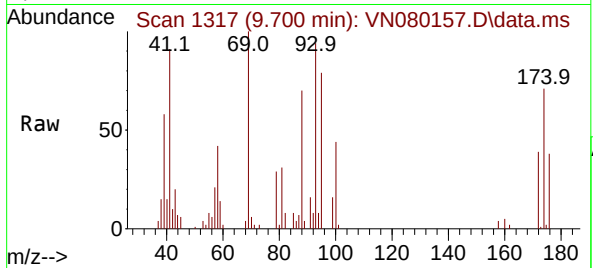
|             |                 |
|-------------|-----------------|
| Tgt Ion: 41 | Resp: 59957     |
| Ion Ratio   | Lower Upper     |
| 41          | 100             |
| 69          | 98.7 90.4 135.6 |
| 39          | 64.1 54.6 81.8  |





#49  
1,4-Dioxane  
Concen: 403.050 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

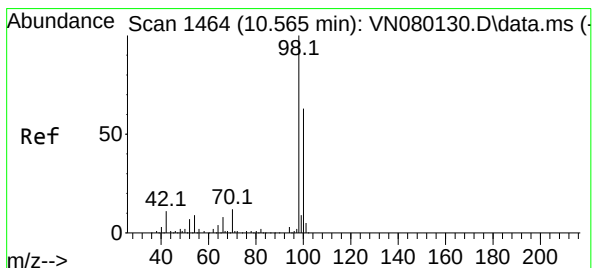
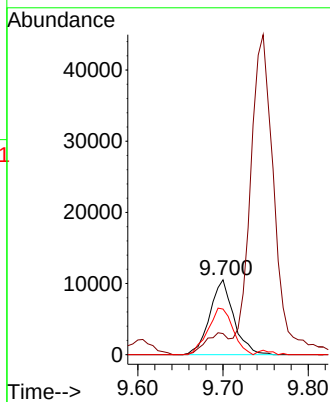
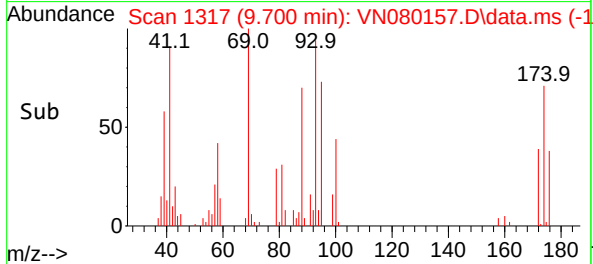
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



Tgt Ion: 88 Resp: 2054  
Ion Ratio Lower Upper  
88 100  
43 27.0 17.0 25.6  
58 64.5 47.0 70.4

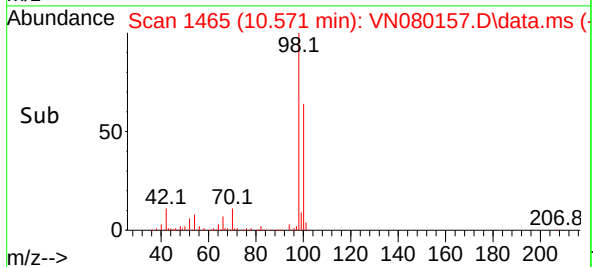
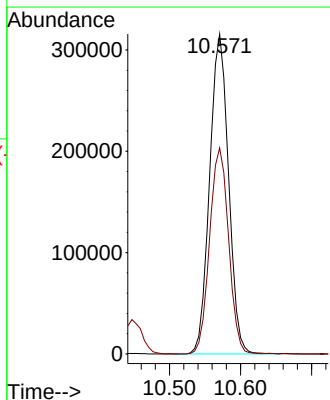
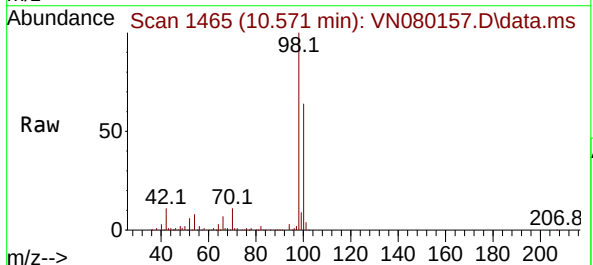
Manual Integrations  
APPROVED

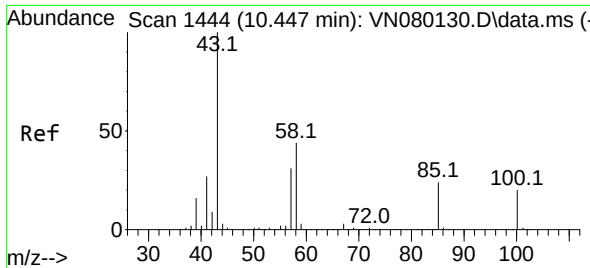
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#50  
Toluene-d8  
Concen: 53.111 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion: 98 Resp: 582372  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.0 78.0





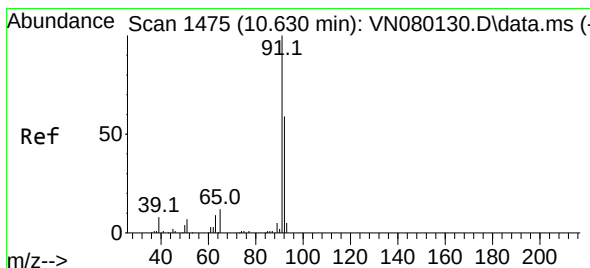
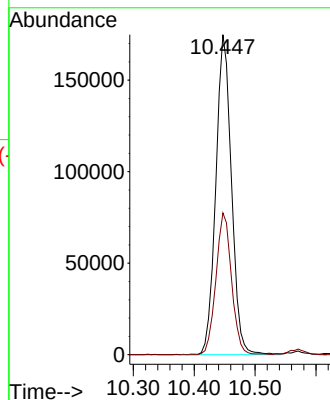
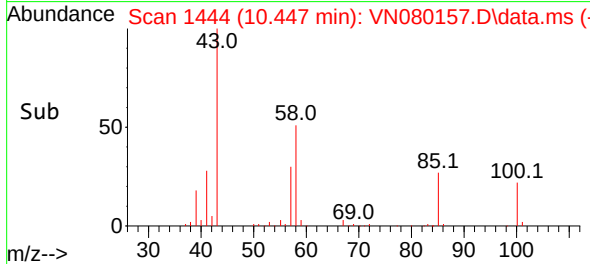
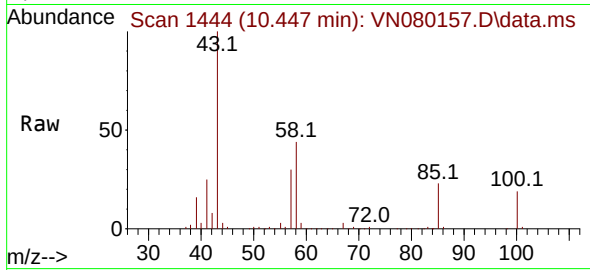
#51  
4-Methyl-2-Pentanone  
Concen: 101.323 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion: 43 Resp: 31183  
Ion Ratio Lower Upper  
43 100  
58 44.2 36.6 54.8

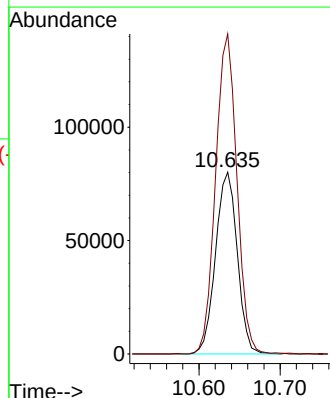
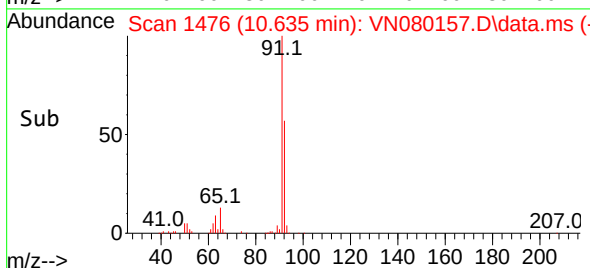
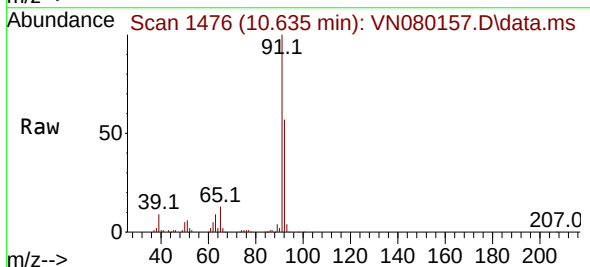
Manual Integrations  
APPROVED

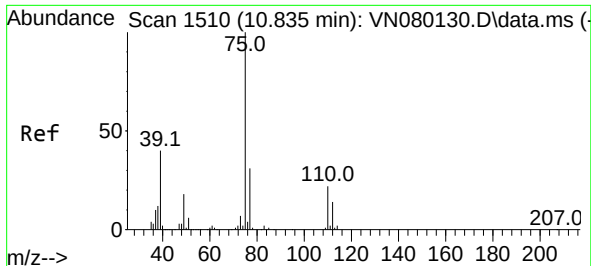
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#52  
Toluene  
Concen: 19.051 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion: 92 Resp: 149228  
Ion Ratio Lower Upper  
92 100  
91 172.7 137.4 206.0





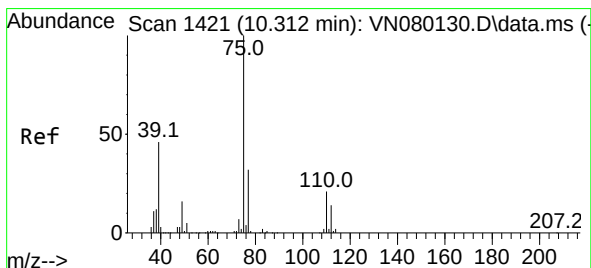
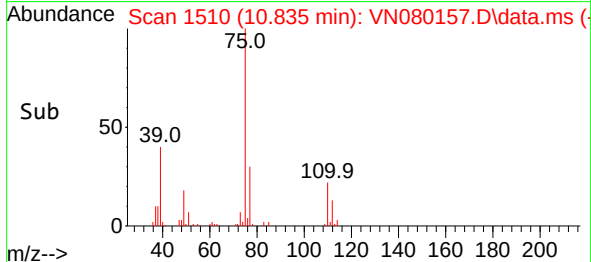
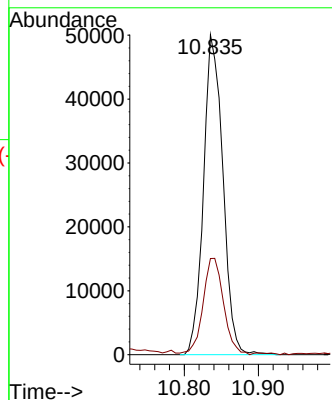
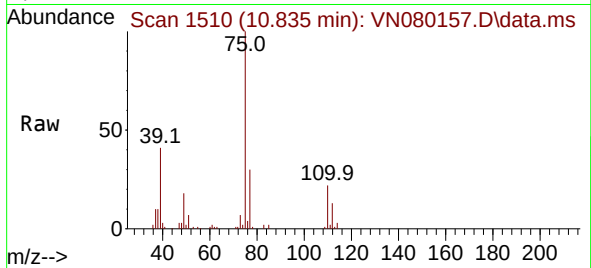
#53  
t-1,3-Dichloropropene  
Concen: 18.305 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion: 75 Resp: 9109  
Ion Ratio Lower Upper  
75 100  
77 30.0 25.4 38.0

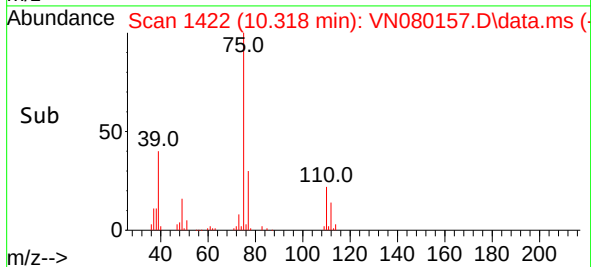
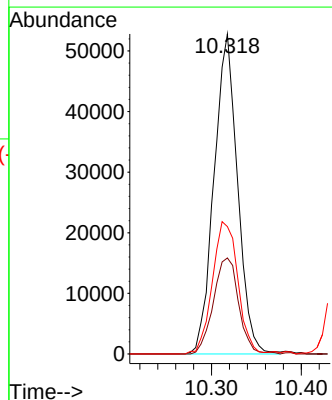
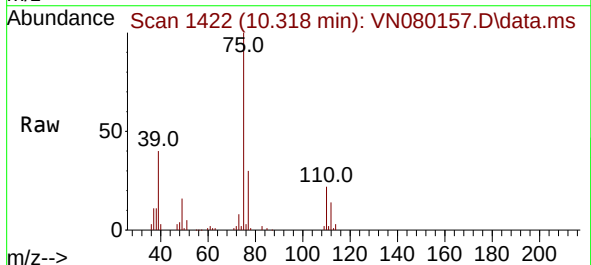
Manual Integrations  
APPROVED

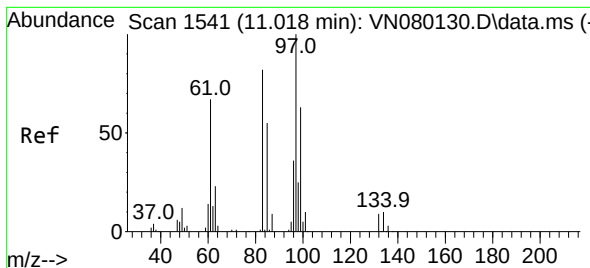
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#54  
cis-1,3-Dichloropropene  
Concen: 18.913 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion: 75 Resp: 96154  
Ion Ratio Lower Upper  
75 100  
77 30.0 26.1 39.1  
39 39.8 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 18.623 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

Instrument :

MSVOA\_N

ClientSampleId :

VN1117WBS01

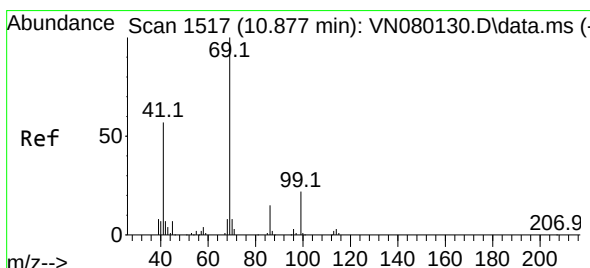
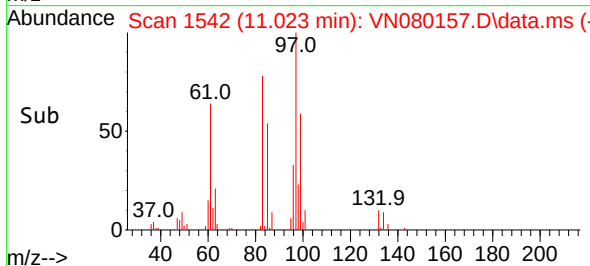
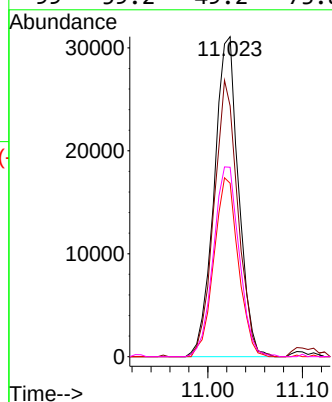
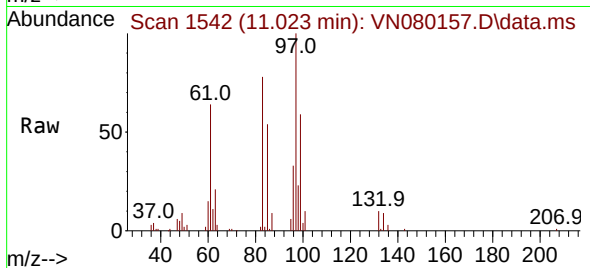
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 5567  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 78.3     | 65.1 97.7   |
| 85 54.2     | 43.4 65.2   |
| 99 59.2     | 49.2 73.8   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#56

Ethyl methacrylate

Concen: 19.811 ug/l

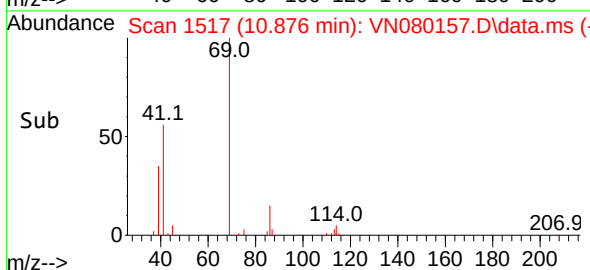
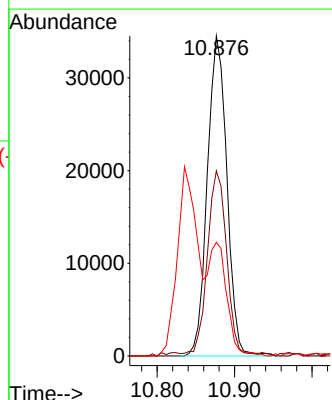
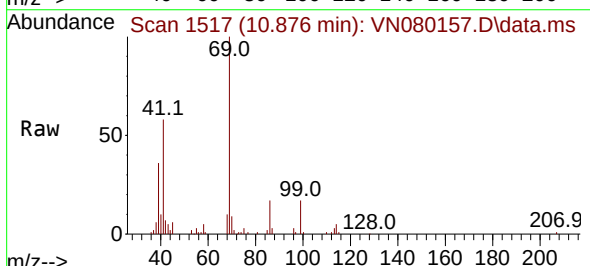
RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

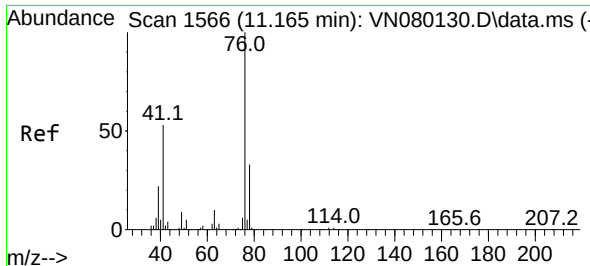
Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 60507 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 55.4     | 39.6 59.4   |
| 39 29.6     | 28.6 43.0   |

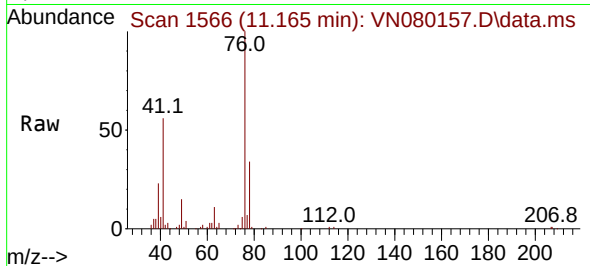






#57  
1,3-Dichloropropane  
Concen: 18.957 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

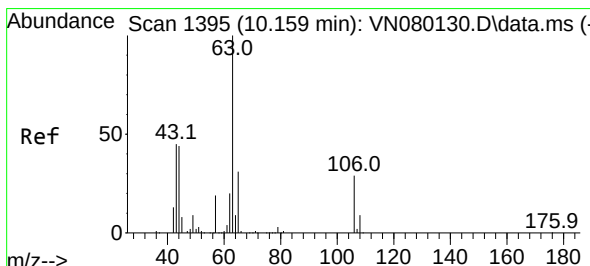
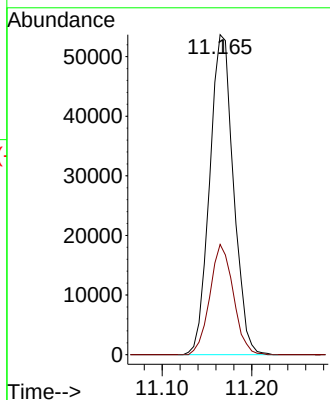
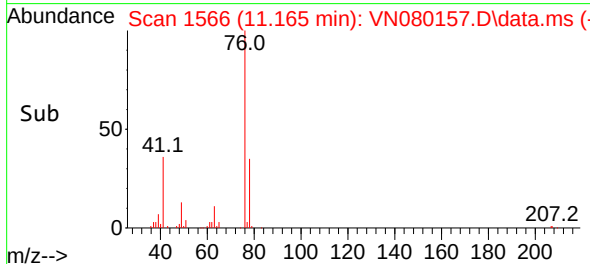
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



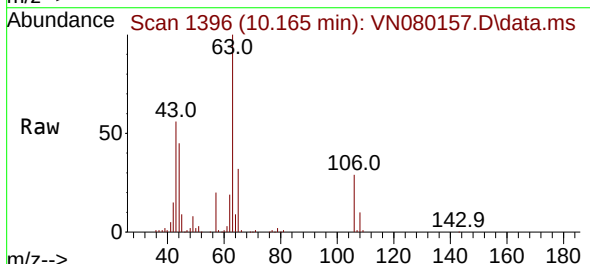
Tgt Ion: 76 Resp: 9895  
Ion Ratio Lower Upper  
76 100  
78 33.9 26.1 39.1

Manual Integrations  
APPROVED

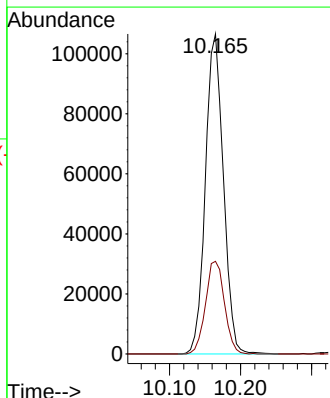
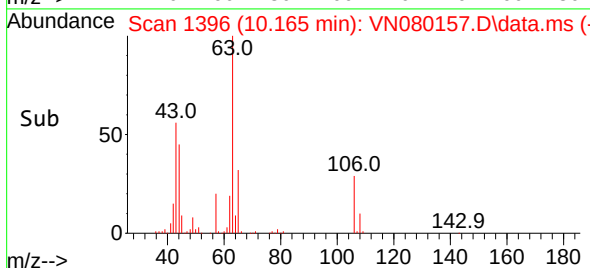
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023

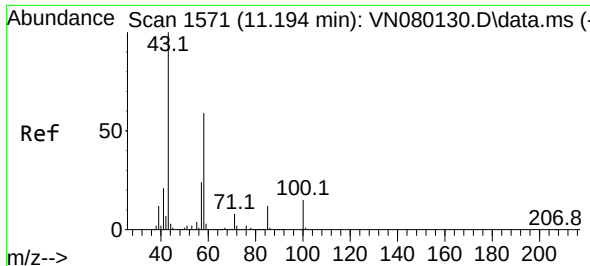


#58  
2-Chloroethyl Vinyl ether  
Concen: 108.886 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54



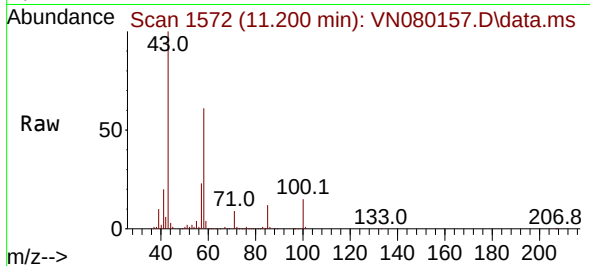
Tgt Ion: 63 Resp: 187356  
Ion Ratio Lower Upper  
63 100  
106 30.5 26.2 39.4





#59  
2-Hexanone  
Concen: 93.901 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

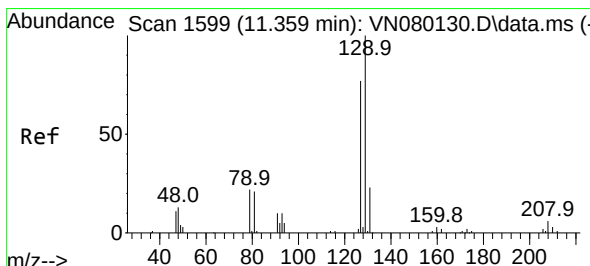
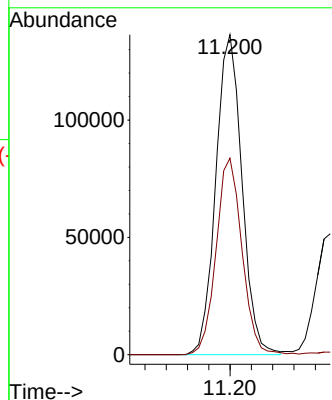
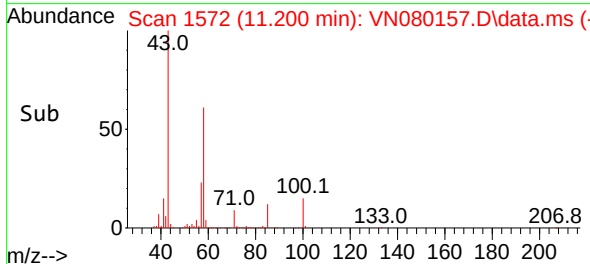
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



Tgt Ion: 43 Resp: 23222  
Ion Ratio Lower Upper  
43 100  
58 60.8 31.7 95.1

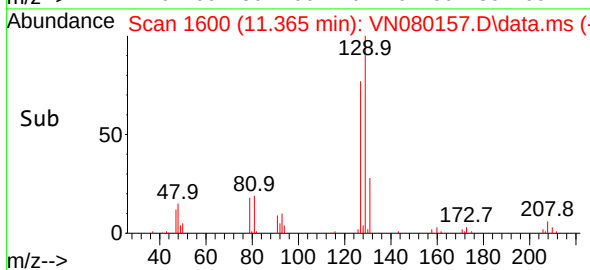
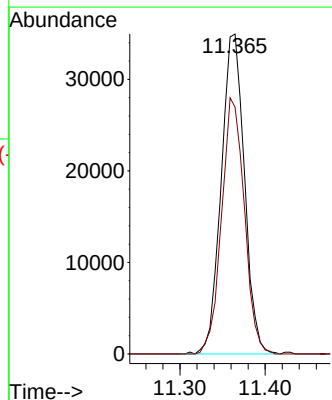
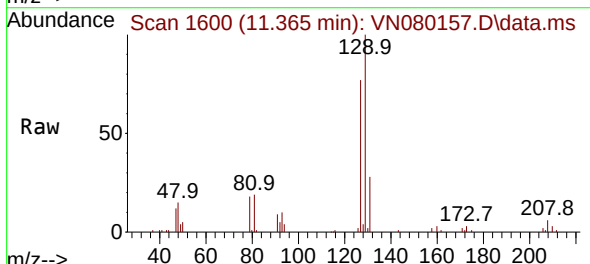
Manual Integrations  
APPROVED

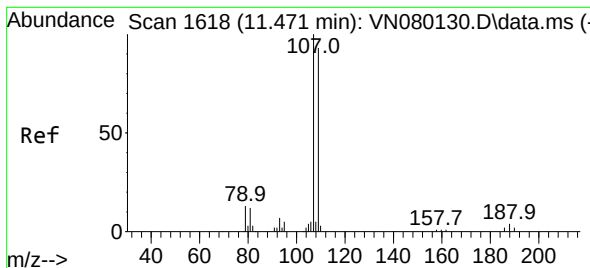
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#60  
Dibromochloromethane  
Concen: 18.461 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion:129 Resp: 66076  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.6 116.0





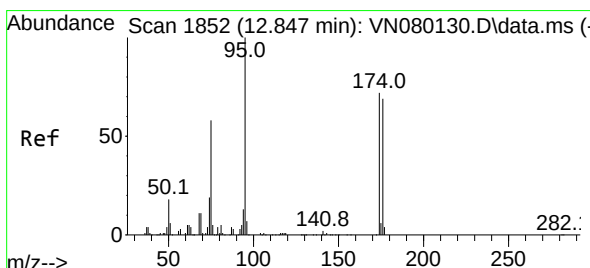
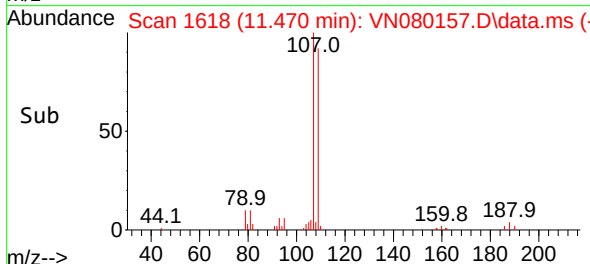
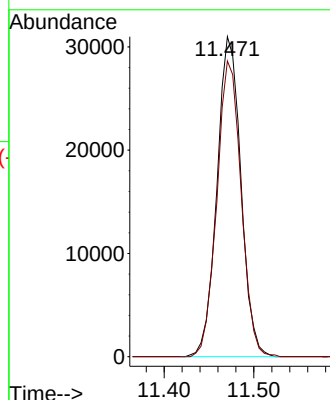
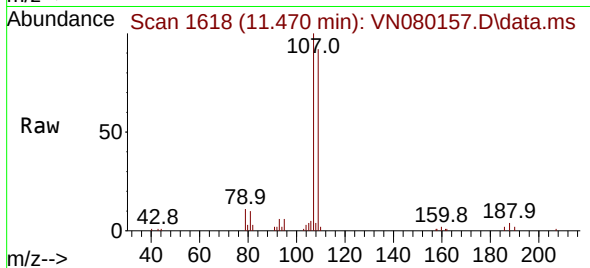
#61  
1,2-Dibromoethane  
Concen: 18.781 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion:107 Resp: 5728  
Ion Ratio Lower Upper  
107 100  
109 93.9 76.6 114.8

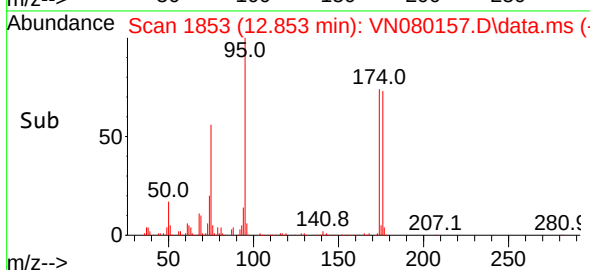
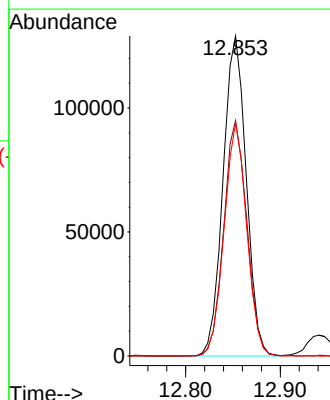
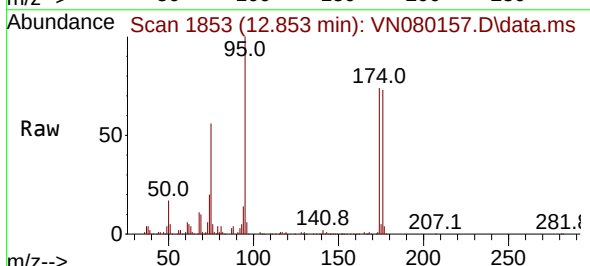
Manual Integrations  
APPROVED

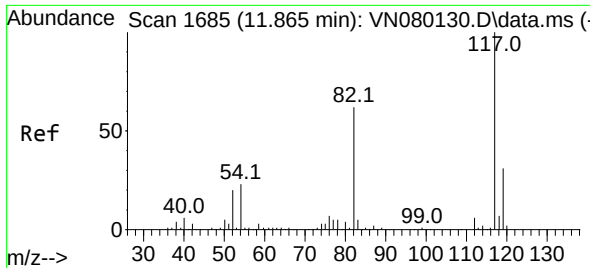
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#62  
4-Bromofluorobenzene  
Concen: 52.936 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

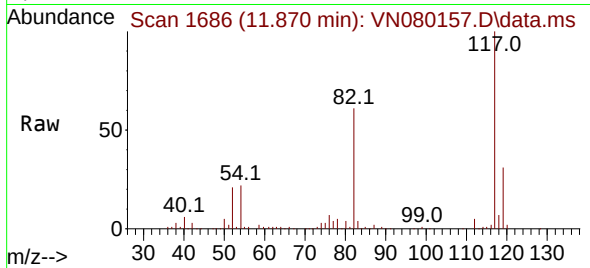
Tgt Ion: 95 Resp: 219248  
Ion Ratio Lower Upper  
95 100  
174 73.4 0.0 143.8  
176 70.9 0.0 135.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

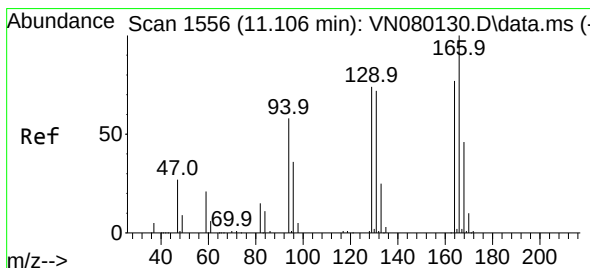
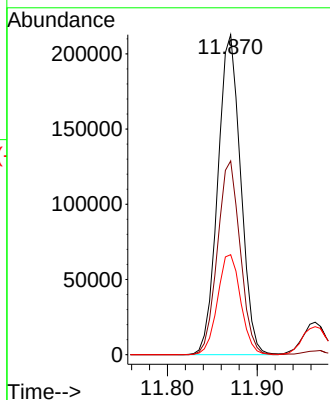
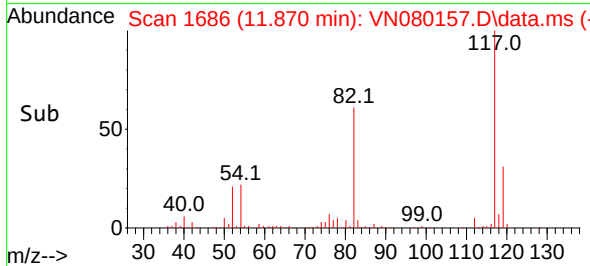
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



Tgt Ion:117 Resp: 376798  
Ion Ratio Lower Upper  
117 100  
82 60.6 44.0 66.0  
119 31.2 25.6 38.4

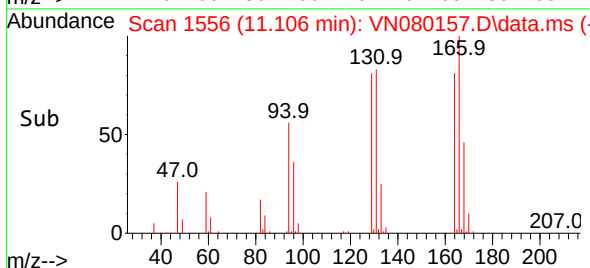
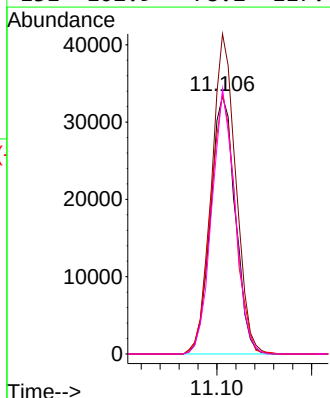
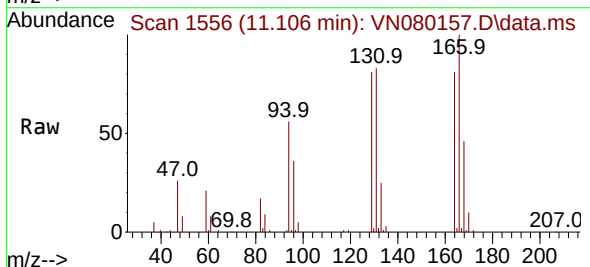
Manual Integrations  
APPROVED

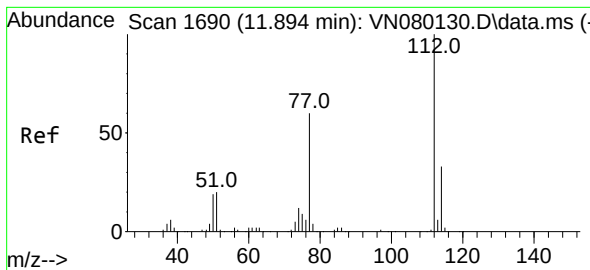
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#64  
Tetrachloroethene  
Concen: 20.998 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion:164 Resp: 60380  
Ion Ratio Lower Upper  
164 100  
166 124.1 101.4 152.0  
129 100.7 82.4 123.6  
131 102.9 78.2 117.4





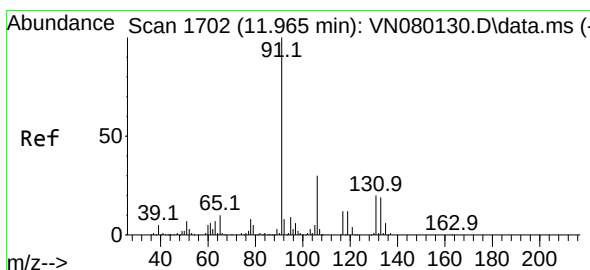
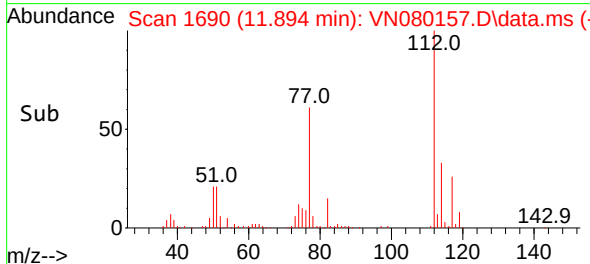
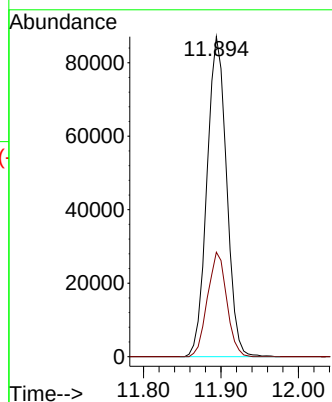
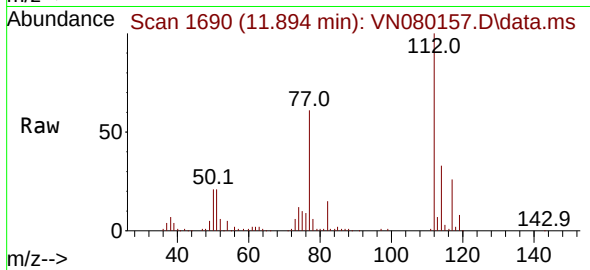
#65  
Chlorobenzene  
Concen: 17.936 ug/l  
RT: 11.894 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion:112 Resp: 15313  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.0 37.4

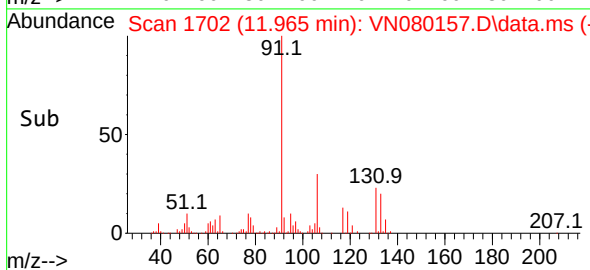
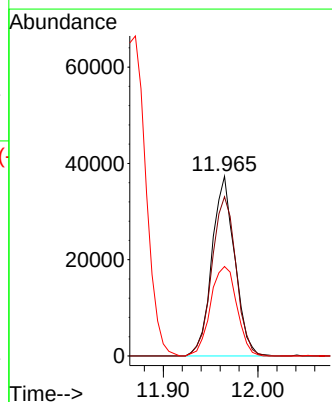
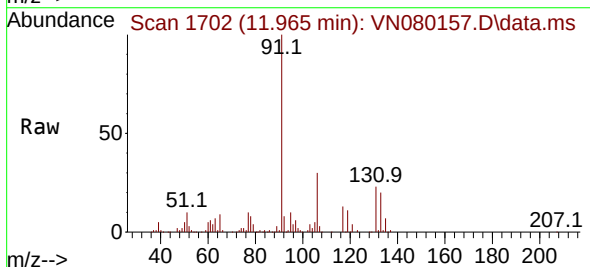
Manual Integrations  
APPROVED

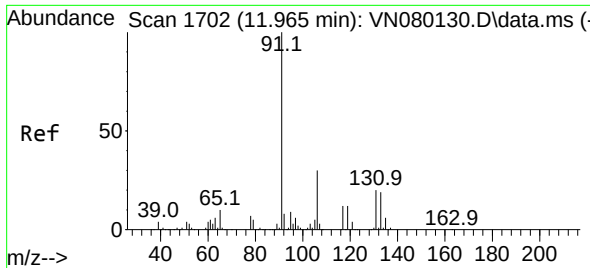
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.886 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion:131 Resp: 62575  
Ion Ratio Lower Upper  
131 100  
133 93.8 46.4 139.1  
119 57.4 34.1 102.2





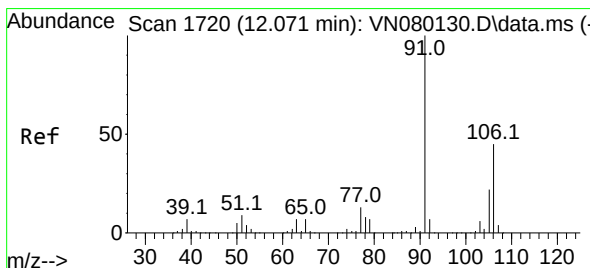
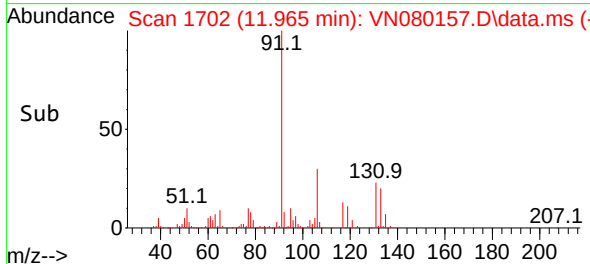
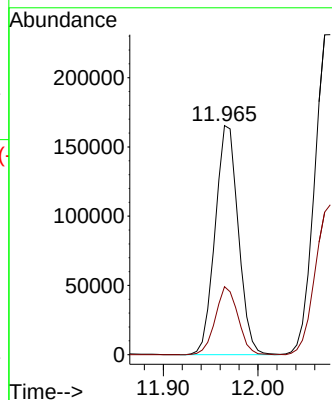
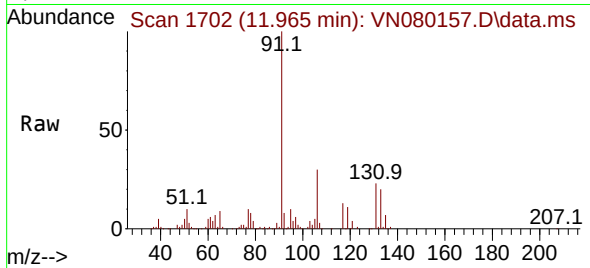
#67  
Ethyl Benzene  
Concen: 18.545 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion: 91 Resp: 28175  
Ion Ratio Lower Upper  
91 100  
106 29.7 25.6 38.4

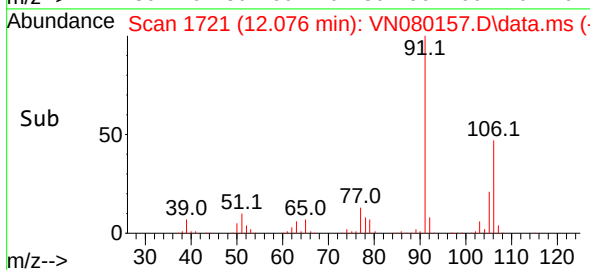
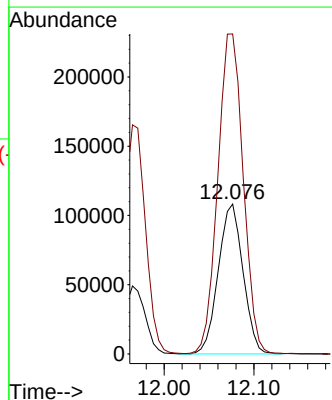
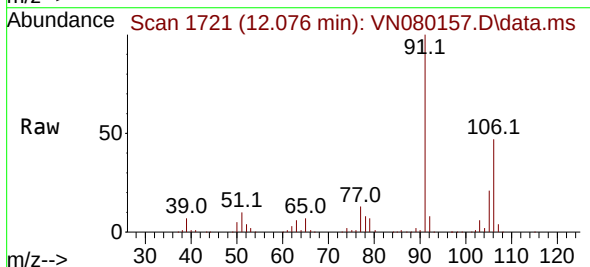
Manual Integrations  
APPROVED

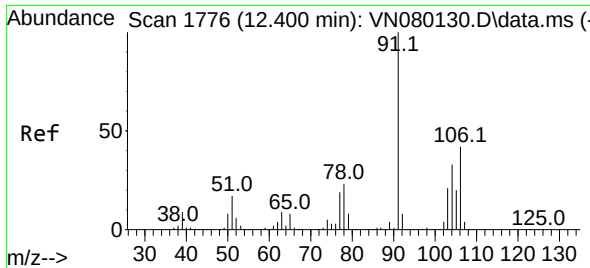
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#68  
m/p-Xylenes  
Concen: 37.380 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion:106 Resp: 207063  
Ion Ratio Lower Upper  
106 100  
91 220.2 159.6 239.4





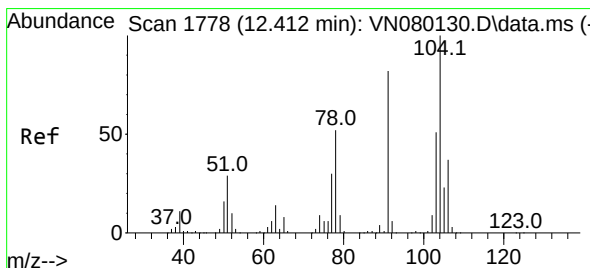
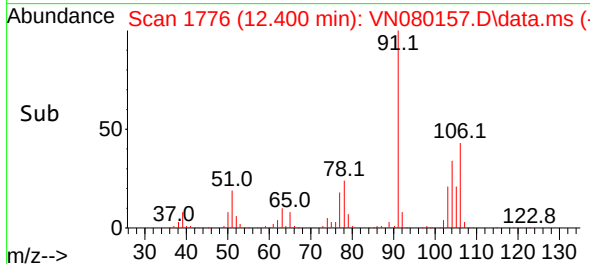
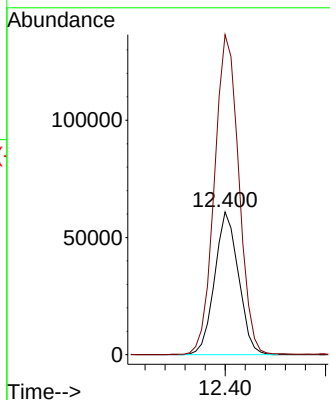
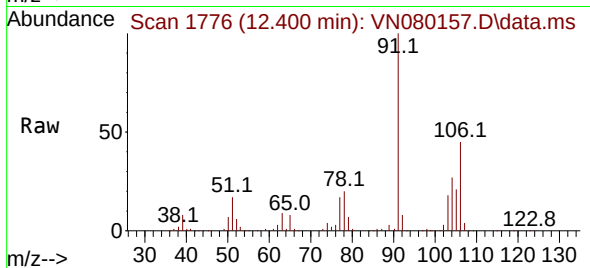
#69  
o-Xylene  
Concen: 19.262 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion:106 Resp: 100558  
Ion Ratio Lower Upper  
106 100  
91 230.1 105.2 315.5

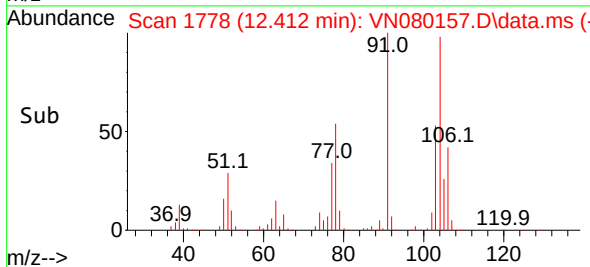
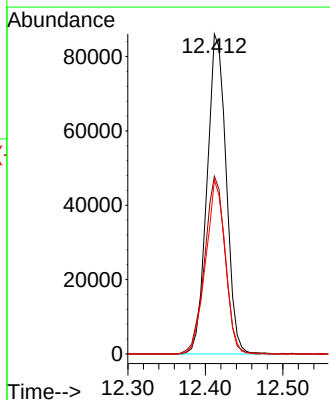
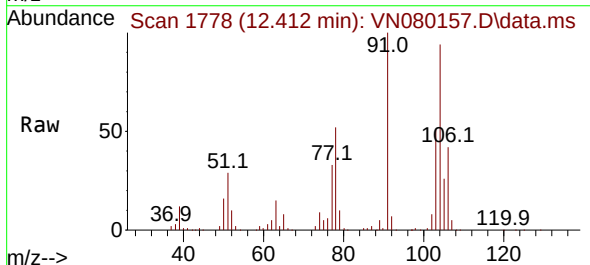
Manual Integrations  
APPROVED

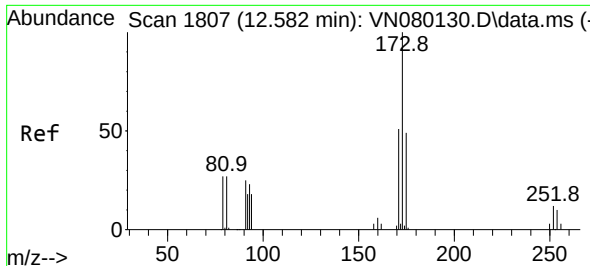
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#70  
Styrene  
Concen: 18.986 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

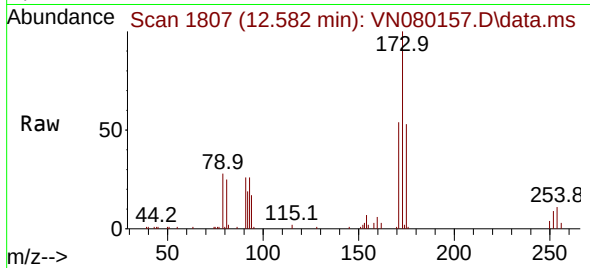
Tgt Ion:104 Resp: 147520  
Ion Ratio Lower Upper  
104 100  
78 59.2 39.5 59.3  
103 56.2 43.2 64.8





#71  
Bromoform  
Concen: 18.062 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

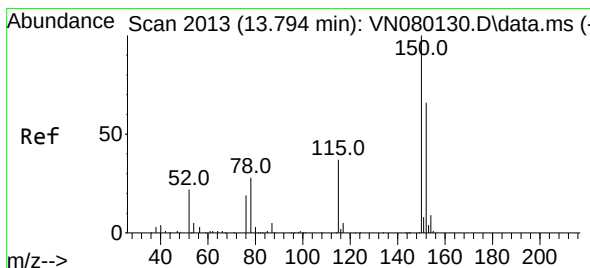
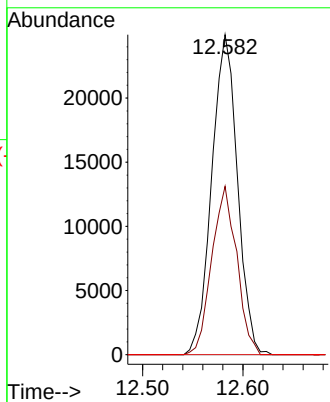
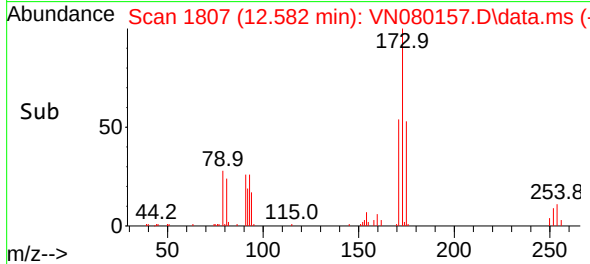
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



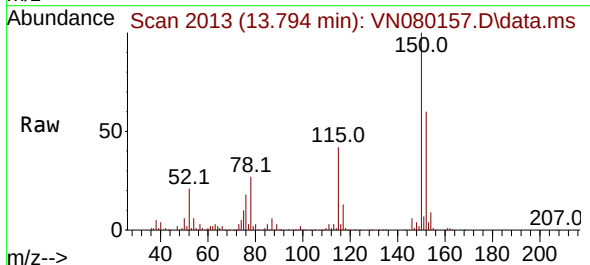
Tgt Ion:173 Resp: 44380  
Ion Ratio Lower Upper  
173 100  
175 51.2 24.3 73.0  
254 0.0 0.0 0.0

Manual Integrations  
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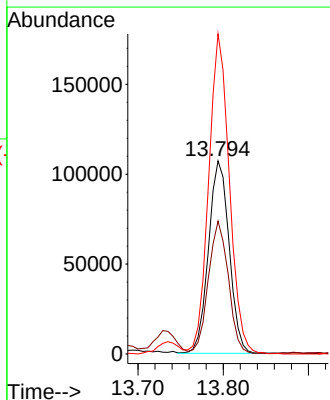
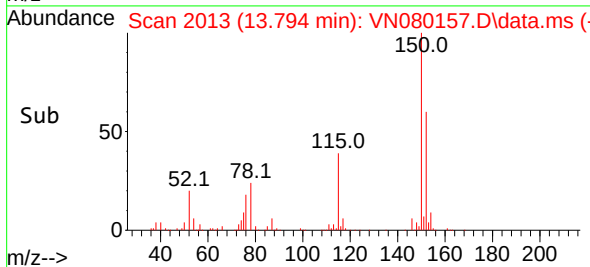
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



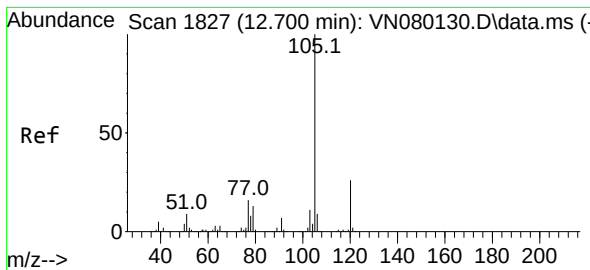
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54



Tgt Ion:152 Resp: 180454  
Ion Ratio Lower Upper  
152 100  
115 66.4 32.3 96.8  
150 166.9 0.0 355.8

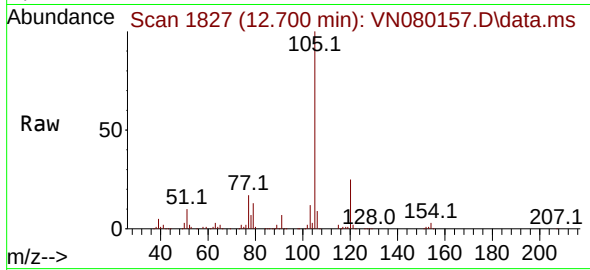






#73  
Isopropylbenzene  
Concen: 18.943 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

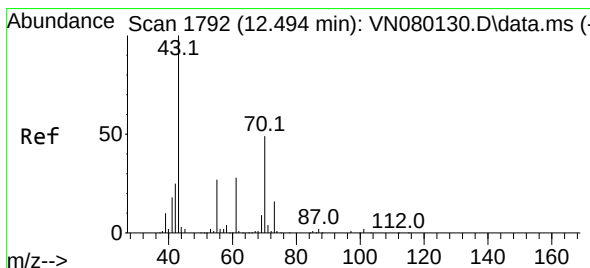
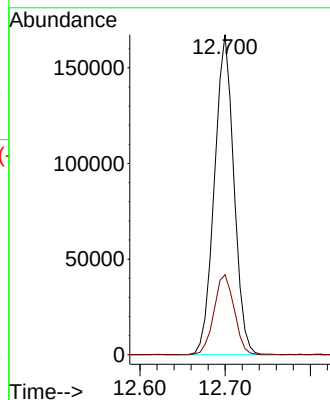
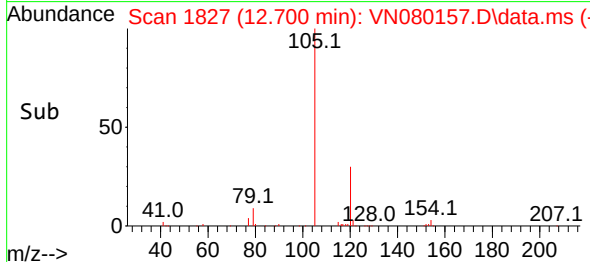
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



Tgt Ion:105 Resp: 265628  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.1 39.1

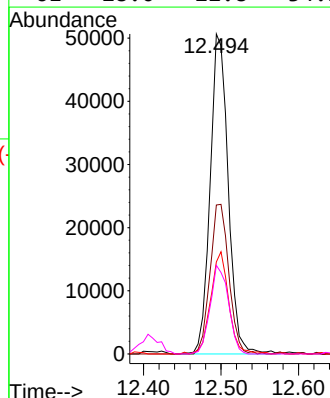
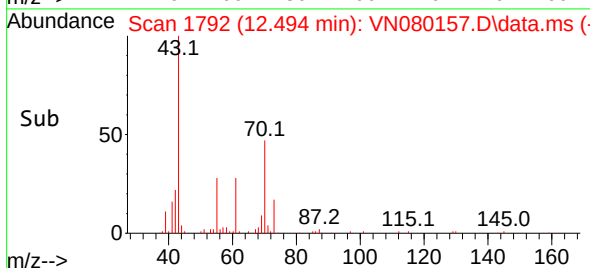
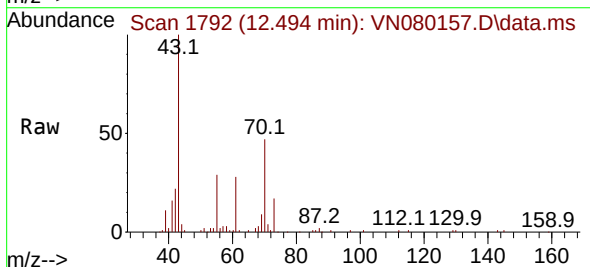
Manual Integrations  
APPROVED

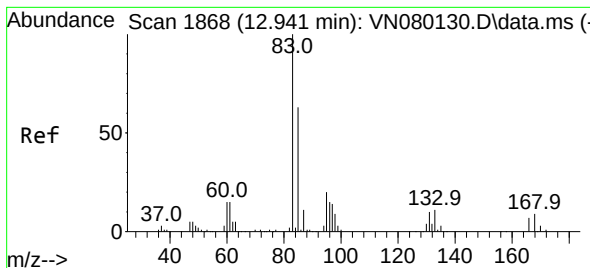
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#74  
N-ethyl acetate  
Concen: 18.753 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

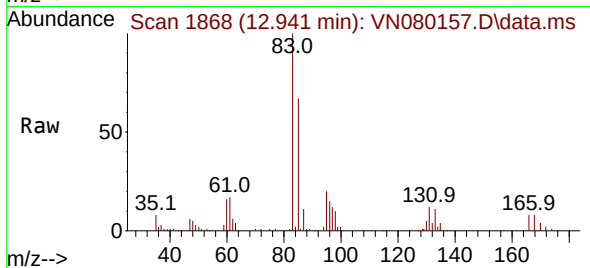
Tgt Ion: 43 Resp: 82007  
Ion Ratio Lower Upper  
43 100  
70 48.6 43.4 65.2  
55 32.0 21.4 32.0  
61 28.0 22.8 34.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.140 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

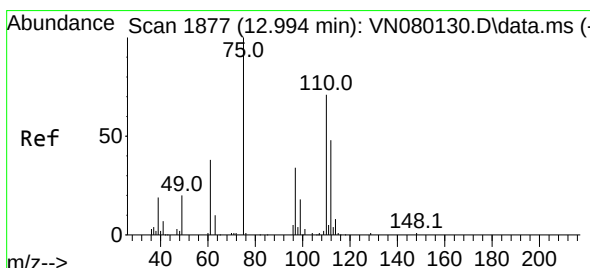
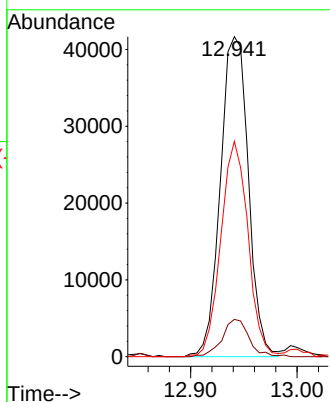
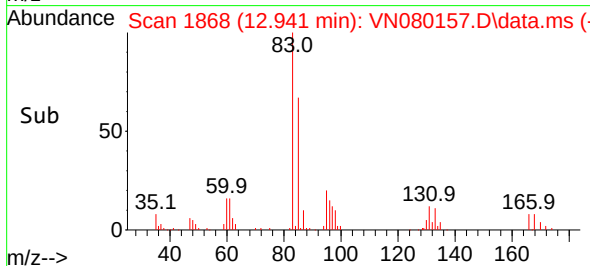
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ClientSampleId :  
VN1117WBS01



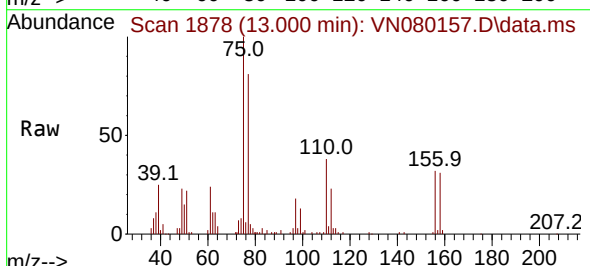
Tgt Ion: 83 Resp: 7613  
Ion Ratio Lower Upper  
83 100  
131 11.2 5.0 15.0  
85 65.1 31.9 95.7

Manual Integrations  
APPROVED

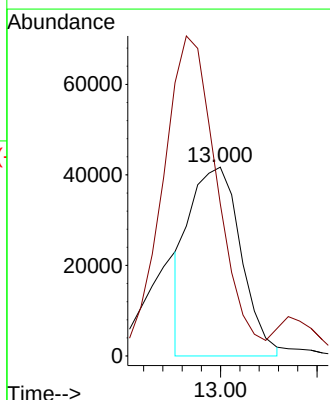
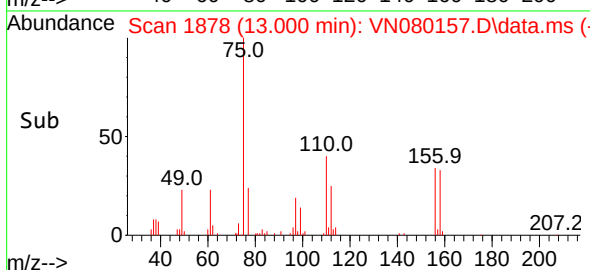
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023

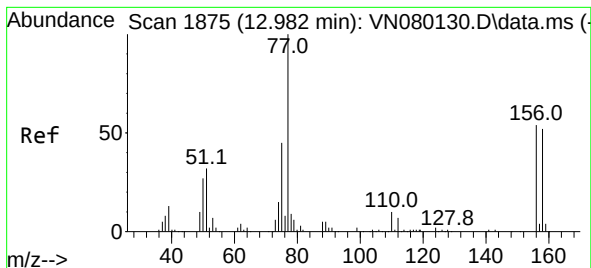


#76  
1,2,3-Trichloropropane  
Concen: 17.592 ug/l m  
RT: 13.000 min Scan# 1878  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54



Tgt Ion: 75 Resp: 77782  
Ion Ratio Lower Upper  
75 100  
77 180.4 84.5 253.5





#77

Bromobenzene

Concen: 17.999 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

Instrument :

MSVOA\_N

ClientSampleId :

VN1117WBS01

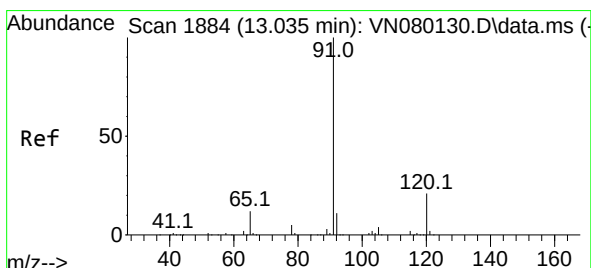
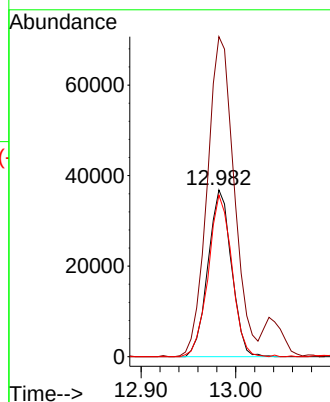
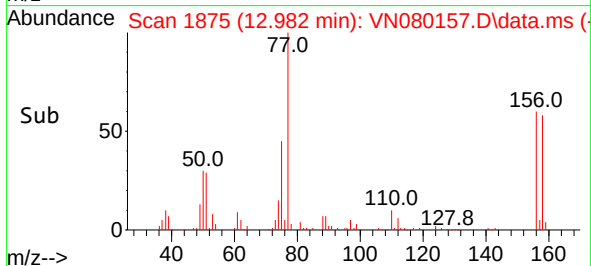
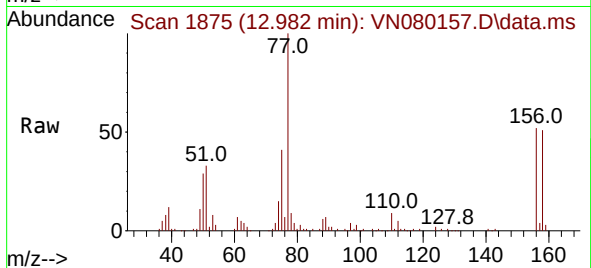
Tgt Ion:156 Resp: 63632  
 Ion Ratio Lower Upper  
 156 100  
 77 220.5 107.7 323.3  
 158 97.0 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 19.037 ug/l

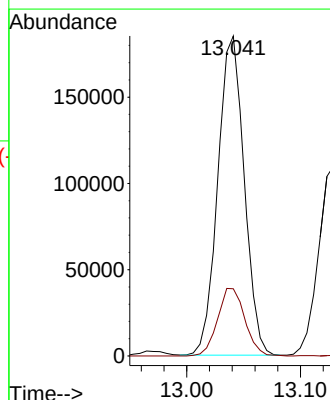
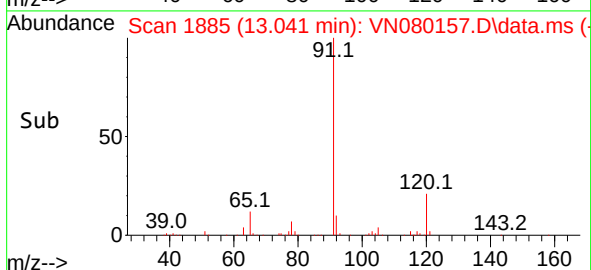
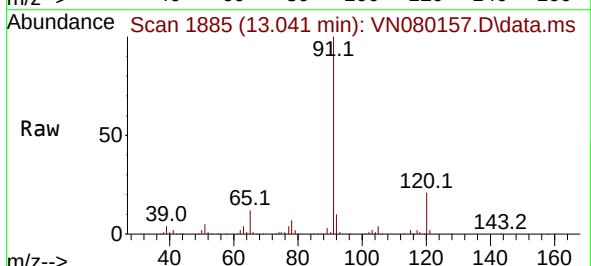
RT: 13.041 min Scan# 1885

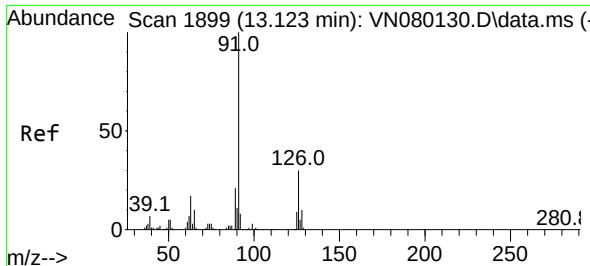
Delta R.T. 0.006 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

Tgt Ion: 91 Resp: 298510  
 Ion Ratio Lower Upper  
 91 100  
 120 21.9 11.5 34.4





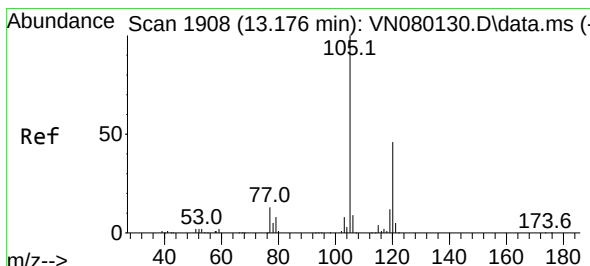
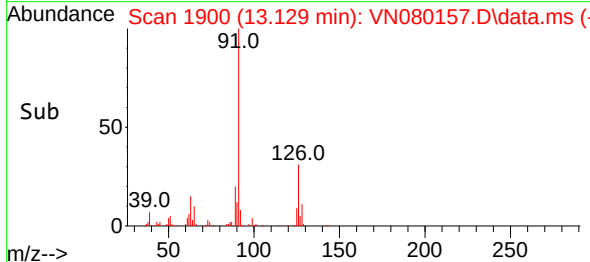
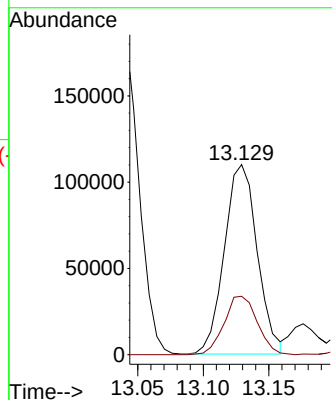
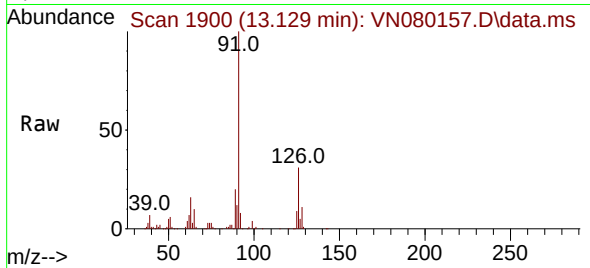
#79  
2-Chlorotoluene  
Concen: 18.829 ug/l  
RT: 13.129 min Scan# 1899  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion: 91 Resp: 191764  
Ion Ratio Lower Upper  
91 100  
126 31.1 16.3 48.8

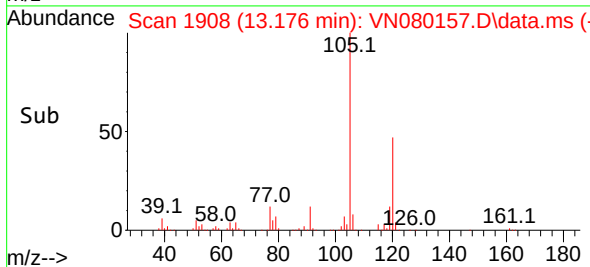
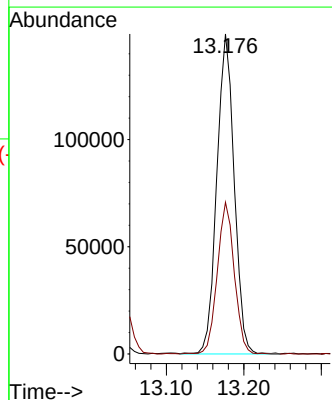
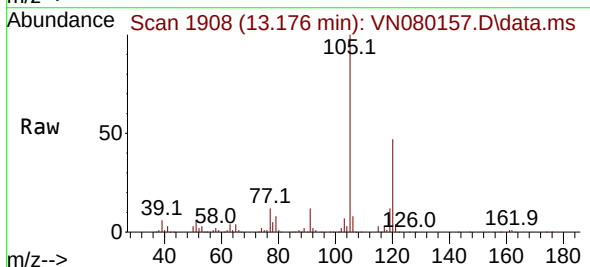
Manual Integrations  
APPROVED

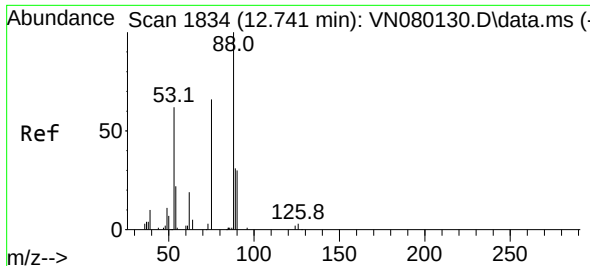
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 19.021 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

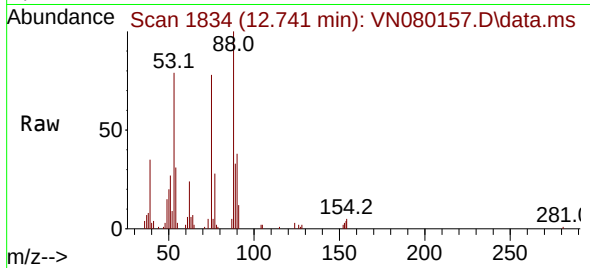
Tgt Ion:105 Resp: 232188  
Ion Ratio Lower Upper  
105 100  
120 46.4 24.1 72.3





#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.568 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

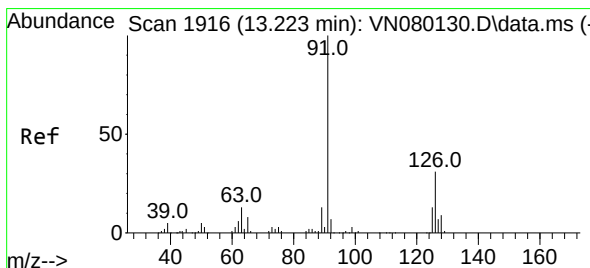
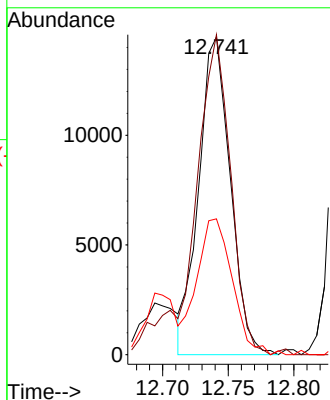
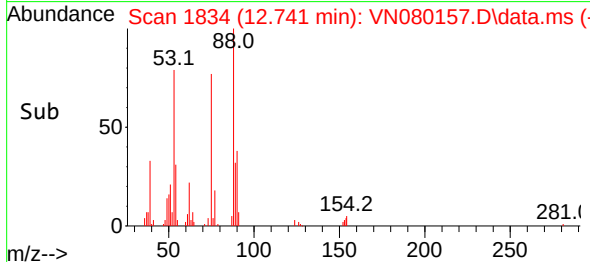
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



Tgt Ion: 75 Resp: 2429  
Ion Ratio Lower Upper  
75 100  
53 115.9 67.4 101.2  
89 48.4 38.8 58.2

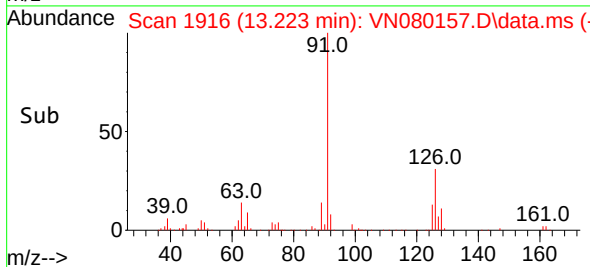
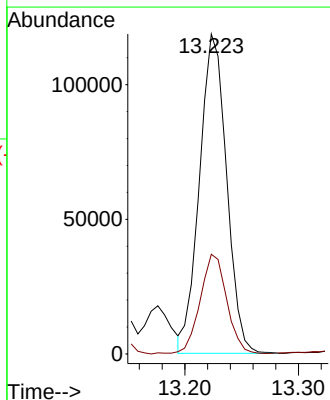
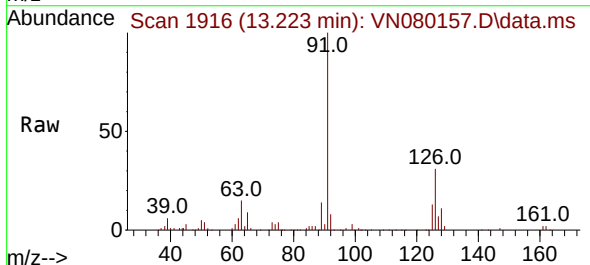
Manual Integrations  
APPROVED

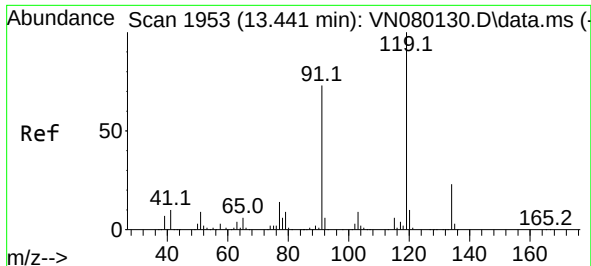
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#82  
4-Chlorotoluene  
Concen: 18.837 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

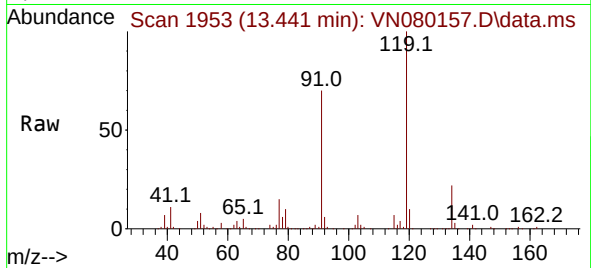
Tgt Ion: 91 Resp: 196538  
Ion Ratio Lower Upper  
91 100  
126 30.9 16.7 50.0





#83  
tert-Butylbenzene  
Concen: 20.061 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

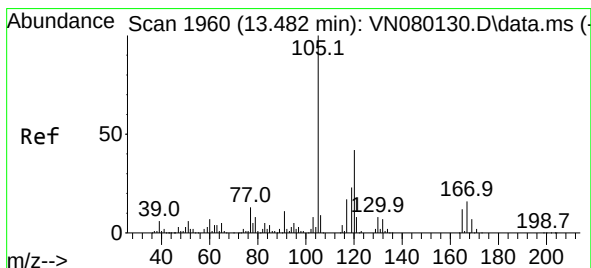
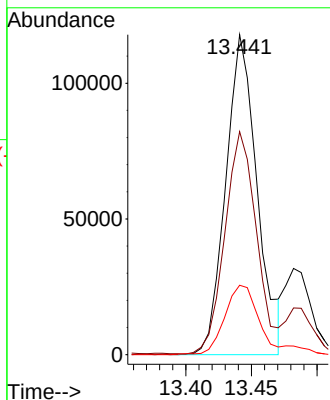
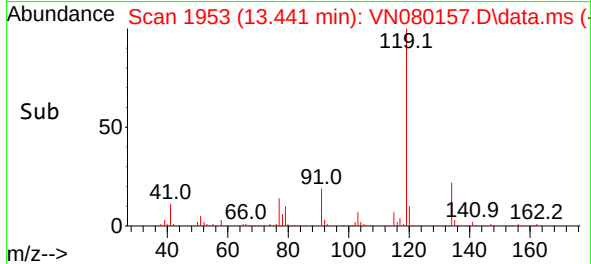
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



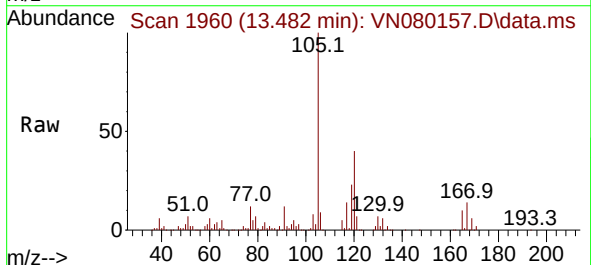
Tgt Ion:119 Resp: 196370  
Ion Ratio Lower Upper  
119 100  
91 70.1 33.9 101.7  
134 25.1 13.2 39.6

Manual Integrations  
APPROVED

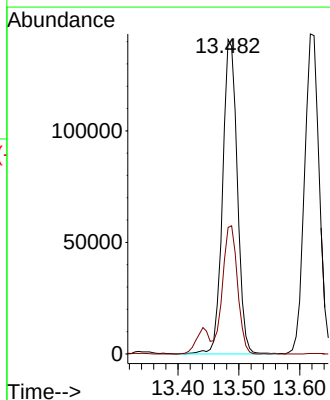
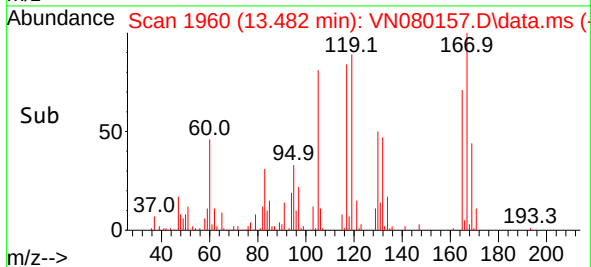
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023

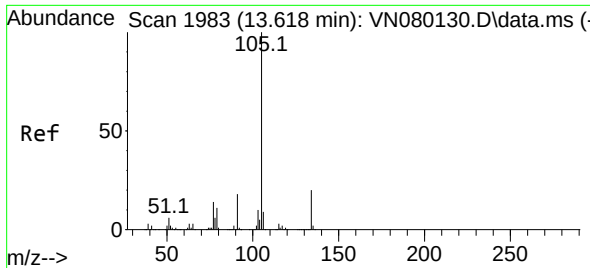


#84  
1,2,4-Trimethylbenzene  
Concen: 19.657 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54



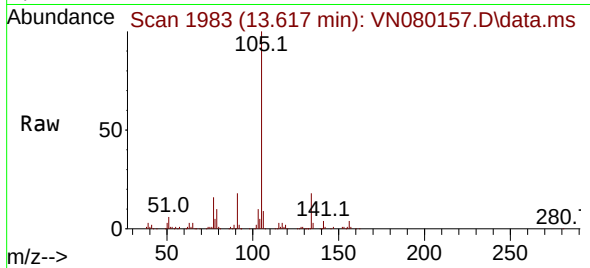
Tgt Ion:105 Resp: 236269  
Ion Ratio Lower Upper  
105 100  
120 41.9 22.0 66.0





#85  
 sec-Butylbenzene  
 Concen: 19.458 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN080157.D  
 Acq: 17 Nov 2023 12:54

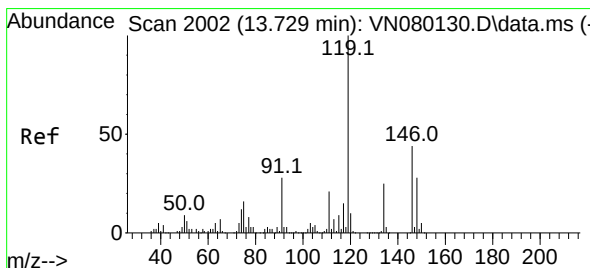
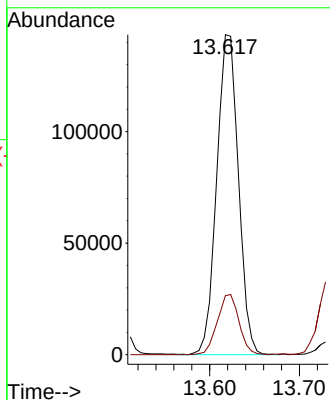
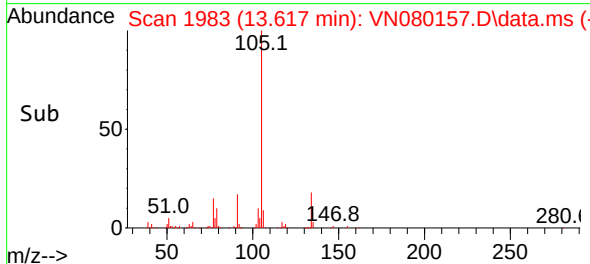
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 VN1117WBS01



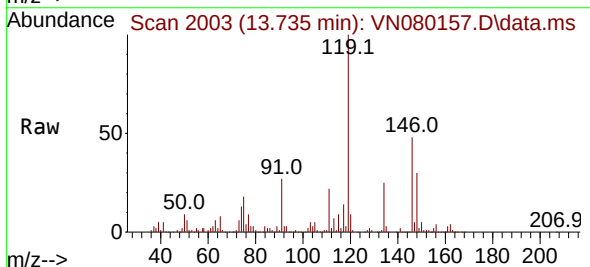
Tgt Ion:105 Resp: 240940  
 Ion Ratio Lower Upper  
 105 100  
 134 18.8 9.8 29.3

Manual Integrations  
 APPROVED

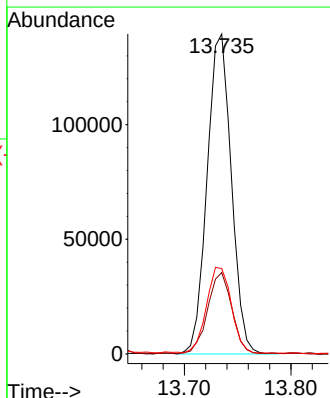
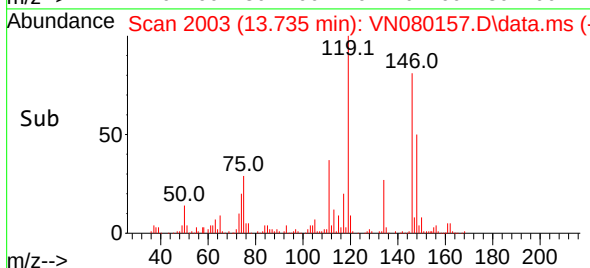
Reviewed By :John Carlone 11/18/2023  
 Supervised By :Mahesh Dadoda 11/20/2023

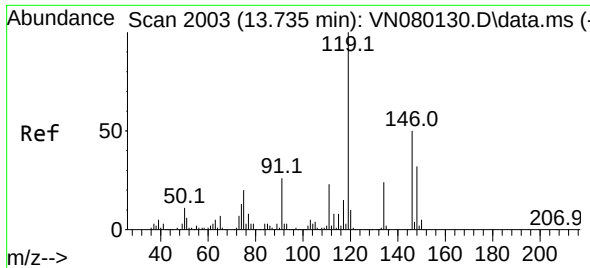


#86  
 p-Isopropyltoluene  
 Concen: 19.905 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.006 min  
 Lab File: VN080157.D  
 Acq: 17 Nov 2023 12:54



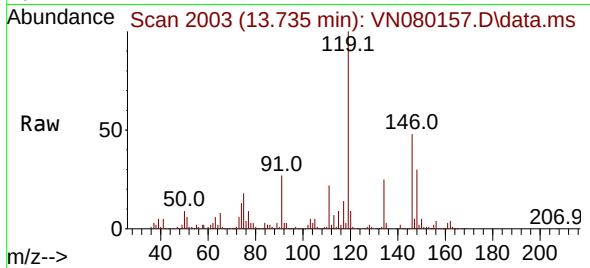
Tgt Ion:119 Resp: 220182  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 12.6 37.8  
 91 27.8 12.4 37.2





#87  
1,3-Dichlorobenzene  
Concen: 18.141 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

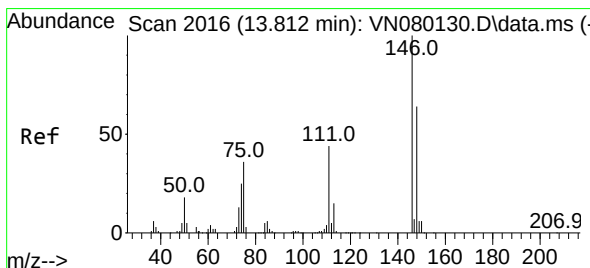
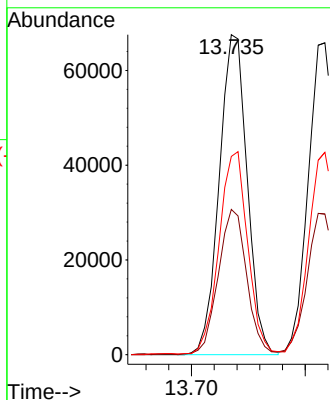
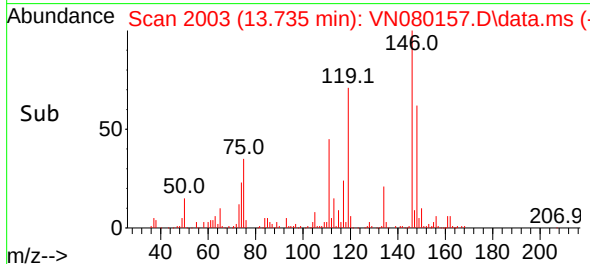
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



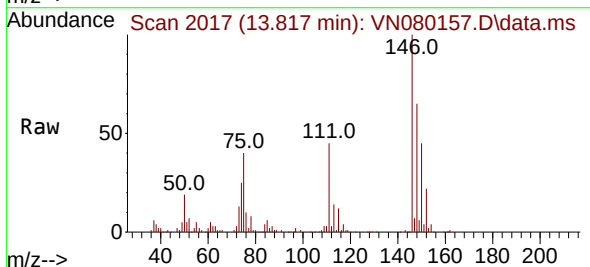
Tgt Ion:146 Resp: 115548  
Ion Ratio Lower Upper  
146 100  
111 46.3 22.1 66.3  
148 64.7 32.0 96.0

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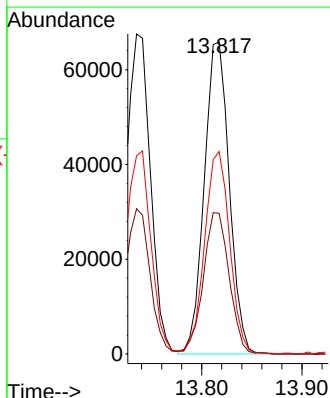
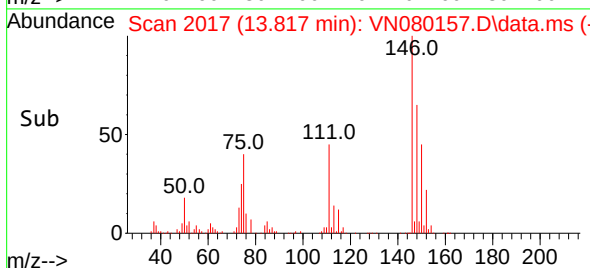
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



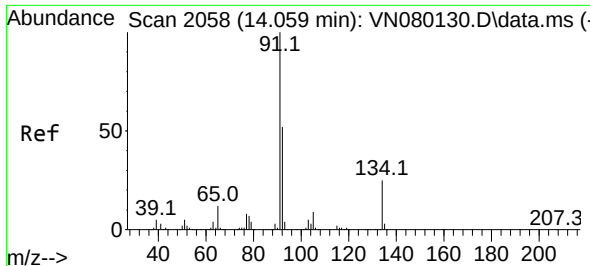
#88  
1,4-Dichlorobenzene  
Concen: 17.834 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
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Tgt Ion:146 Resp: 114161  
Ion Ratio Lower Upper  
146 100  
111 46.9 20.6 61.8  
148 65.0 31.6 94.8







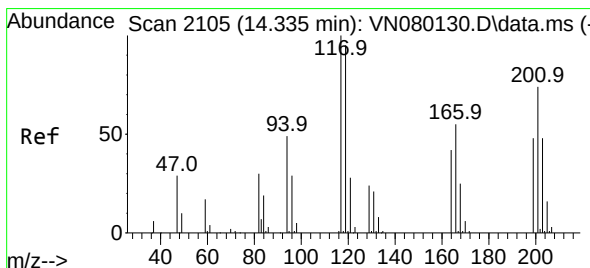
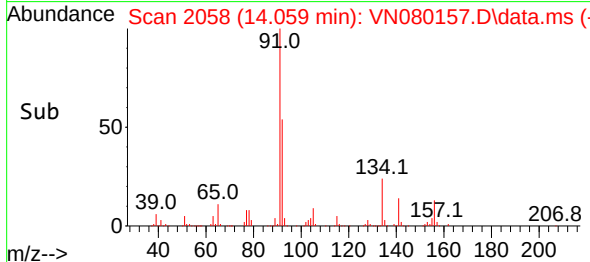
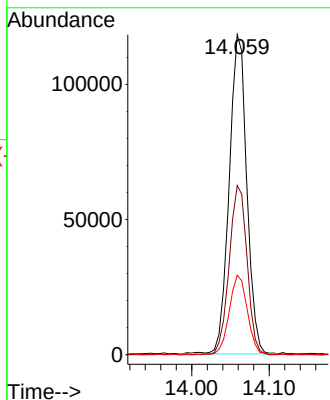
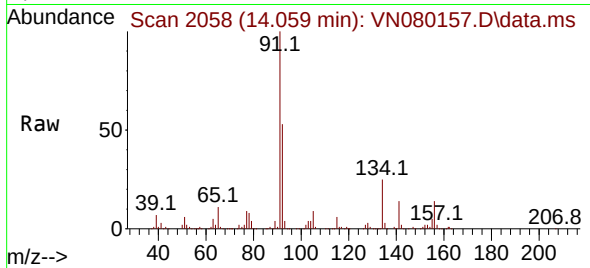
#89  
n-Butylbenzene  
Concen: 20.155 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01

Tgt Ion: 91 Resp: 186609  
Ion Ratio Lower Upper  
91 100  
92 53.7 26.4 79.0  
134 25.7 12.6 37.6

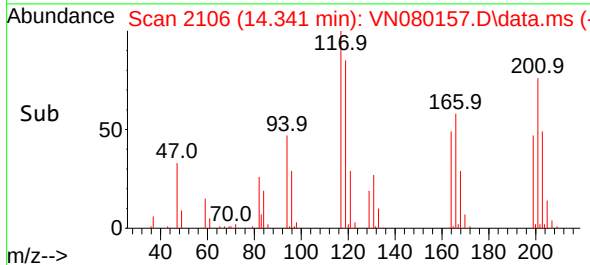
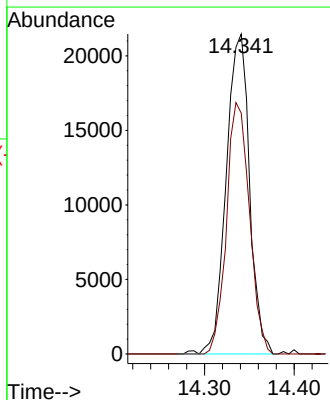
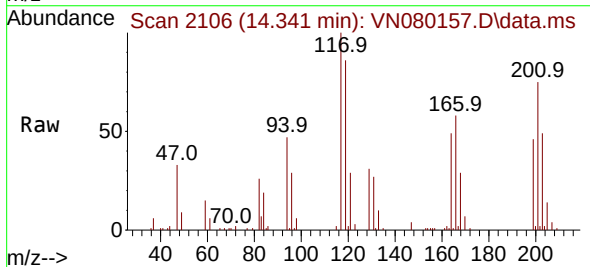
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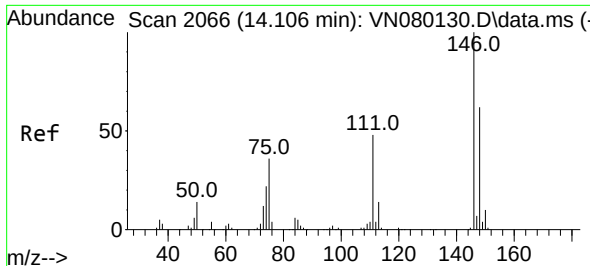
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#90  
Hexachloroethane  
Concen: 17.939 ug/l  
RT: 14.341 min Scan# 2106  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

Tgt Ion:117 Resp: 38687  
Ion Ratio Lower Upper  
117 100  
201 77.3 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 18.341 ug/l

RT: 14.111 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

Instrument :

MSVOA\_N

ClientSampleId :

VN1117WBS01

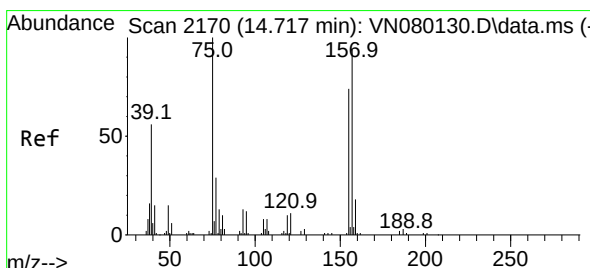
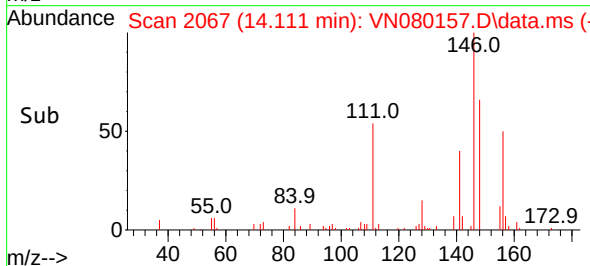
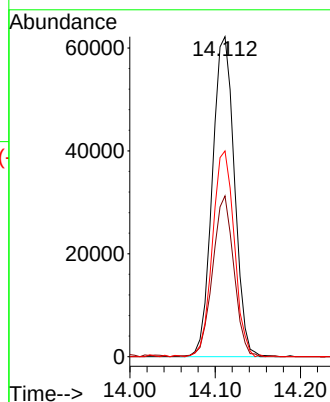
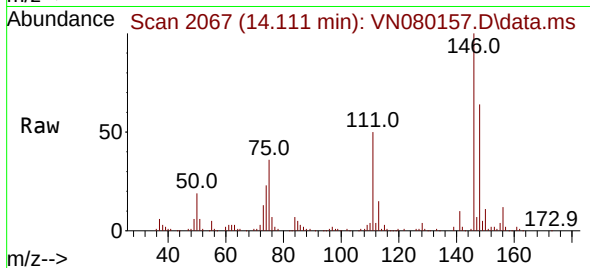
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 11179 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 48.4  | 22.0  | 66.0  |
| 148       | 63.4  | 31.8  | 95.3  |

Manual Integrations

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Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.098 ug/l

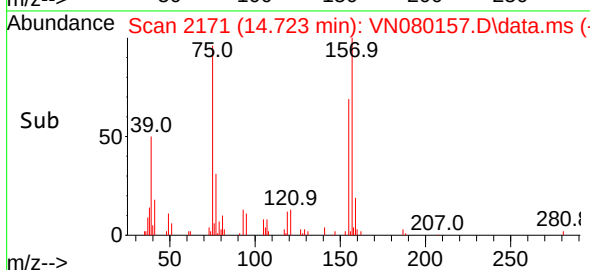
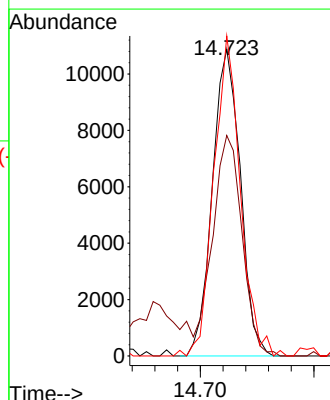
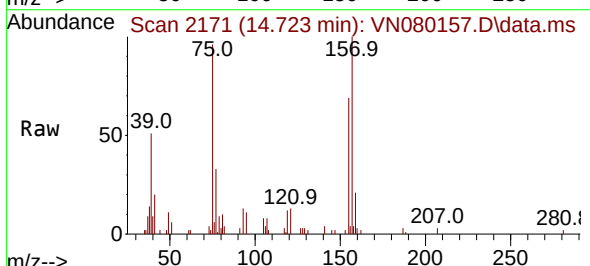
RT: 14.723 min Scan# 2171

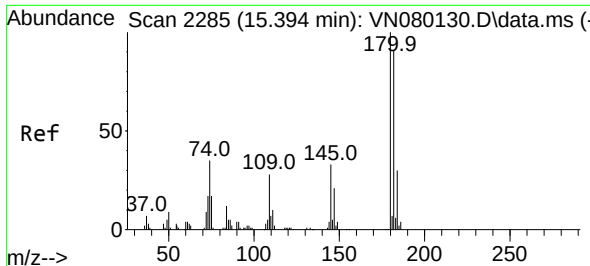
Delta R.T. 0.006 min

Lab File: VN080157.D

Acq: 17 Nov 2023 12:54

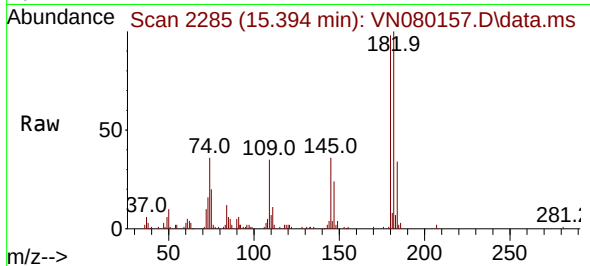
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 18617 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 75.6  | 39.1  | 117.2 |
| 157       | 99.1  | 50.3  | 150.9 |





#93  
1,2,4-Trichlorobenzene  
Concen: 16.815 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

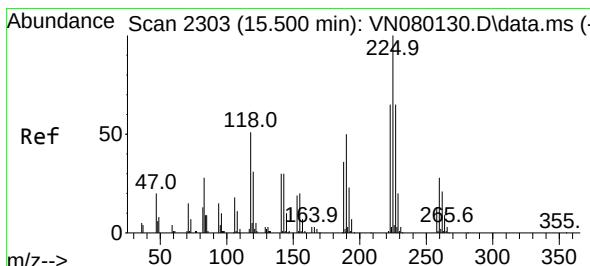
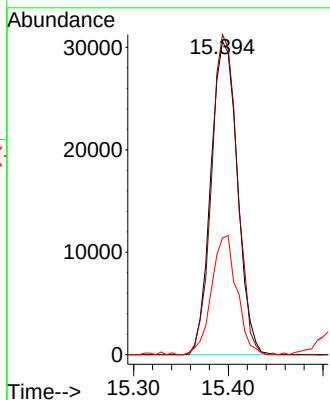
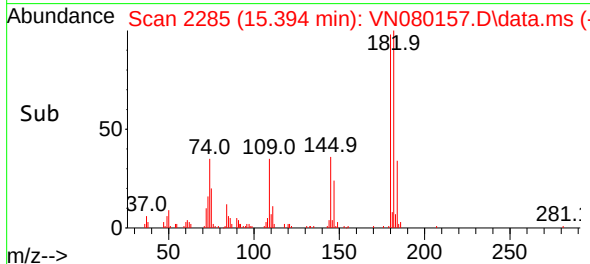
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



Tgt Ion:180 Resp: 5961  
Ion Ratio Lower Upper  
180 100  
182 99.0 46.1 138.2  
145 36.2 16.6 49.8

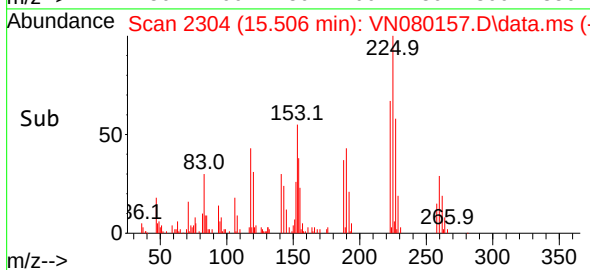
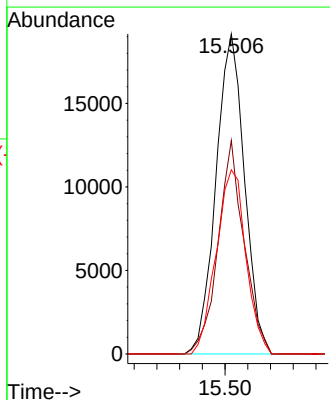
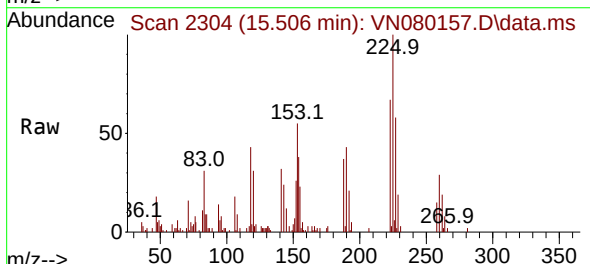
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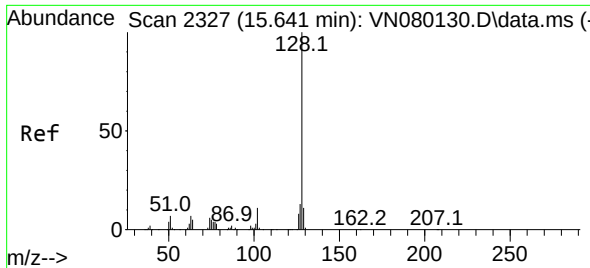
Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#94  
Hexachlorobutadiene  
Concen: 16.358 ug/l  
RT: 15.506 min Scan# 2304  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

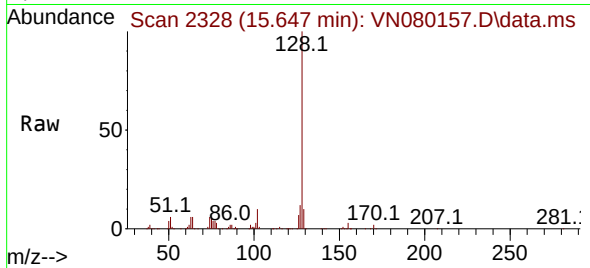
Tgt Ion:225 Resp: 33372  
Ion Ratio Lower Upper  
225 100  
223 61.1 31.3 93.8  
227 59.9 31.9 95.9





#95  
Naphthalene  
Concen: 25.457 ug/l  
RT: 15.647 min Scan# 2327  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54

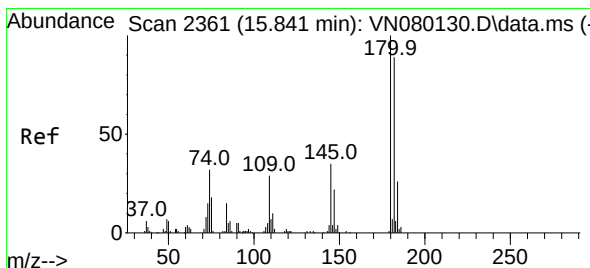
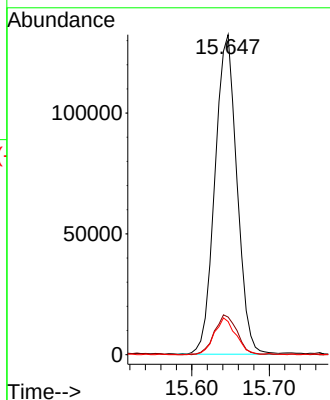
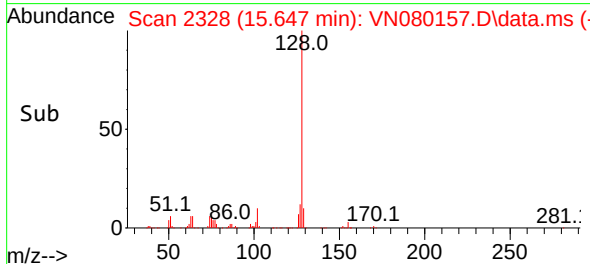
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBS01



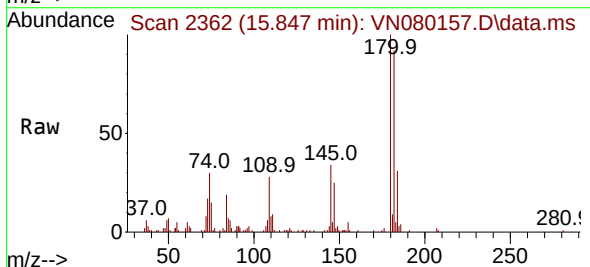
Tgt Ion:128 Resp: 26170  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.0 15.0  
129 11.4 8.7 13.1

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Reviewed By :John Carlone 11/18/2023  
Supervised By :Mahesh Dadoda 11/20/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 18.250 ug/l  
RT: 15.847 min Scan# 2362  
Delta R.T. 0.006 min  
Lab File: VN080157.D  
Acq: 17 Nov 2023 12:54



Tgt Ion:180 Resp: 60641  
Ion Ratio Lower Upper  
180 100  
182 94.8 46.2 138.6  
145 36.6 17.5 52.6

