

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121423\  
 Data File : VN080485.D  
 Acq On : 14 Dec 2023 16:15  
 Operator : JC\MD  
 Sample : VN1214WBSD02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1214WBSD02

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/15/2023  
 Supervised By : Mahesh Dadoda 12/15/2023

Quant Time: Dec 15 00:29:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121223W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 13 01:57:14 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 8.224          | 168  | 285657              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100          | 114  | 442585              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865         | 117  | 396958              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 183731              | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.577          | 65   | 184095              | 50.458  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 100.920% |         |        |          |
| 35) Dibromofluoromethane     | 8.165          | 113  | 140197              | 49.960  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 99.920%  |         |        |          |
| 50) Toluene-d8               | 10.565         | 98   | 504877              | 48.242  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 96.480%  |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.847         | 95   | 184893              | 46.525  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 93.060%  |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 65102               | 17.834  | ug/l   | 98       |
| 3) Chloromethane             | 2.359          | 50   | 60656               | 15.599  | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.518          | 62   | 49633               | 15.921  | ug/l   | 95       |
| 5) Bromomethane              | 2.965          | 94   | 23616               | 16.802  | ug/l   | 90       |
| 6) Chloroethane              | 3.118          | 64   | 32302               | 16.125  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.501          | 101  | 115438              | 18.256  | ug/l   | 98       |
| 8) Diethyl Ether             | 3.953          | 74   | 34347               | 17.245  | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 4.377          | 101  | 55466               | 18.507  | ug/l # | 83       |
| 10) Methyl Iodide            | 4.583          | 142  | 38156               | 14.474  | ug/l   | 95       |
| 11) Tert butyl alcohol       | 5.506          | 59   | 39195               | 91.216  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 4.342          | 96   | 52430               | 17.073  | ug/l # | 83       |
| 13) Acrolein                 | 4.177          | 56   | 36103               | 76.721  | ug/l   | 97       |
| 14) Allyl chloride           | 5.030          | 41   | 63733               | 16.774  | ug/l   | 97       |
| 15) Acrylonitrile            | 5.712          | 53   | 105822              | 87.160  | ug/l   | 97       |
| 16) Acetone                  | 4.424          | 43   | 74268               | 114.803 | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.712          | 76   | 135106              | 15.524  | ug/l   | 98       |
| 18) Methyl Acetate           | 5.018          | 43   | 74973               | 18.011  | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.795          | 73   | 182047              | 17.769  | ug/l   | 99       |
| 20) Methylene Chloride       | 5.283          | 84   | 60204               | 17.390  | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 5.789          | 96   | 56930               | 17.097  | ug/l   | 86       |
| 22) Diisopropyl ether        | 6.671          | 45   | 145387              | 17.730  | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.600          | 43   | 390292              | 82.869  | ug/l # | 91       |
| 24) 1,1-Dichloroethane       | 6.565          | 63   | 101096              | 17.670  | ug/l   | 98       |
| 25) 2-Butanone               | 7.483          | 43   | 119820              | 96.145  | ug/l   | 89       |
| 26) 2,2-Dichloropropane      | 7.489          | 77   | 101726              | 17.388  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.483          | 96   | 65303               | 17.326  | ug/l   | 88       |
| 28) Bromochloromethane       | 7.812          | 49   | 38056               | 17.324  | ug/l   | 96       |
| 29) Tetrahydrofuran          | 7.836          | 42   | 74592               | 83.585  | ug/l   | 97       |
| 30) Chloroform               | 7.965          | 83   | 116274              | 18.309  | ug/l   | 97       |
| 31) Cyclohexane              | 8.259          | 56   | 82425               | 16.613  | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 8.171          | 97   | 114859              | 18.472  | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.371          | 75   | 83563               | 18.212  | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.559          | 43   | 51762               | 18.016  | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 8.359          | 117  | 100067              | 18.252  | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.600          | 83   | 82187               | 17.243  | ug/l   | 91       |
| 40) Benzene                  | 8.606          | 78   | 239403              | 18.069  | ug/l   | 96       |

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 ALS Vial : 10 Sample Multiplier: 1

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 ClientSampleId :  
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Manual Integrations  
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Reviewed By : John Carlone 12/15/2023  
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Quant Time: Dec 15 00:29:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121223W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 13 01:57:14 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 28884    | 17.438  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 94592    | 19.279  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 90849    | 17.586  | ug/l   | 96       |
| 44) Trichloroethene           | 9.353  | 130  | 63677    | 17.828  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 57214    | 18.386  | ug/l   | 99       |
| 46) Dibromomethane            | 9.706  | 93   | 41419    | 18.534  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.888  | 83   | 90161    | 18.825  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.683  | 41   | 52353    | 16.982  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 17299    | 370.206 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 263243   | 92.523  | ug/l   | 99       |
| 52) Toluene                   | 10.630 | 92   | 152322   | 18.199  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 93078    | 17.962  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 100515   | 18.148  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 56420    | 18.734  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 56596    | 16.973  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 97891    | 18.542  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 175215   | 83.238  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.194 | 43   | 187919   | 89.467  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 67179    | 18.824  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 56290    | 18.059  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 54824    | 17.888  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.894 | 112  | 157439   | 17.829  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 61047    | 17.619  | ug/l   | 95       |
| 67) Ethyl Benzene             | 11.965 | 91   | 285468   | 17.581  | ug/l   | 95       |
| 68) m/p-Xylenes               | 12.071 | 106  | 216210   | 36.036  | ug/l   | 90       |
| 69) o-Xylene                  | 12.400 | 106  | 102180   | 17.411  | ug/l   | 88       |
| 70) Styrene                   | 12.412 | 104  | 152805   | 18.076  | ug/l   | 94       |
| 71) Bromoform                 | 12.582 | 173  | 43201    | 17.097  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.694 | 105  | 270177   | 18.305  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 72078    | 16.723  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 70890    | 17.924  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 66403m   | 18.116  | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 65605    | 18.069  | ug/l   | 95       |
| 78) n-propylbenzene           | 13.035 | 91   | 297310   | 18.270  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 195378   | 18.390  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 233714   | 18.386  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 27196    | 19.481  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 193451   | 17.715  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 187066   | 17.969  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 229442   | 18.144  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 238990   | 17.946  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 216866   | 18.036  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 114089   | 17.834  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 113376   | 17.557  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.059 | 91   | 172328   | 17.161  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 35467    | 18.573  | ug/l   | 74       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 107057   | 17.624  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 15426    | 18.543  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 61520    | 18.241  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 33469    | 17.431  | ug/l   | 100      |
| 95) Naphthalene               | 15.641 | 128  | 176766   | 17.260  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 57310    | 17.609  | ug/l   | 94       |

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Sample : VN1214WBSD02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
APPROVED

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Quant Time: Dec 15 00:29:04 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121223W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 13 01:57:14 2023  
Response via : Initial Calibration

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

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

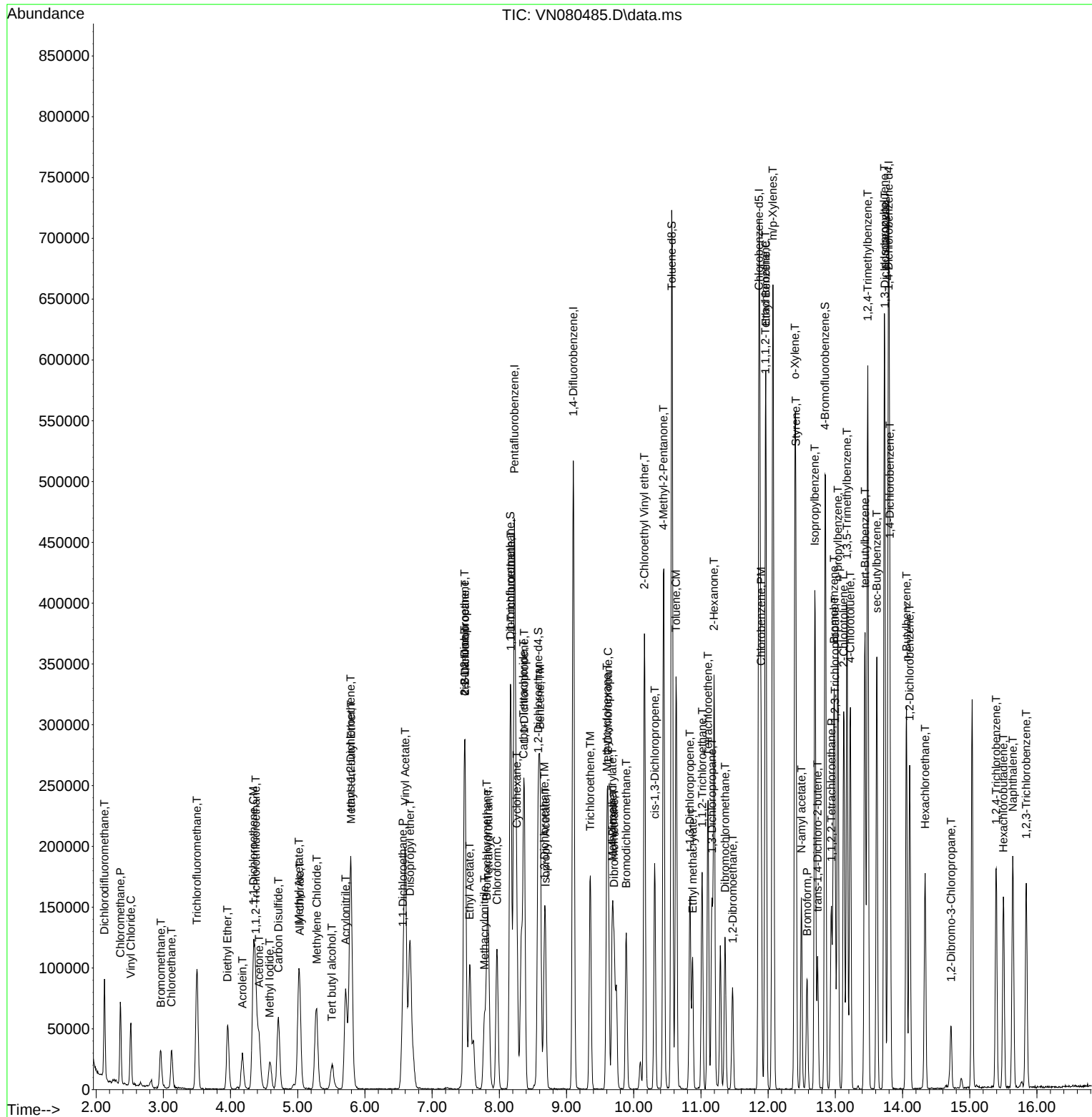
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Data File : VN080485.D  
Acq On : 14 Dec 2023 16:15  
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Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

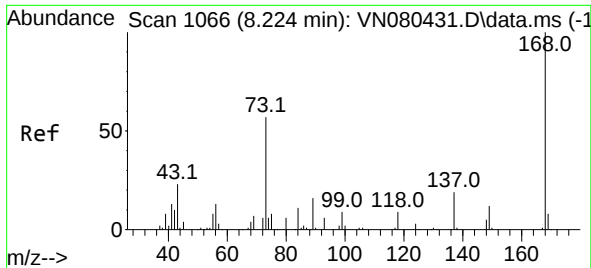
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ClientSampleId :  
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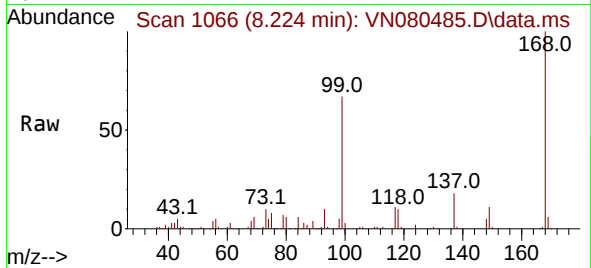
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Quant Title : SW846 8260  
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#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

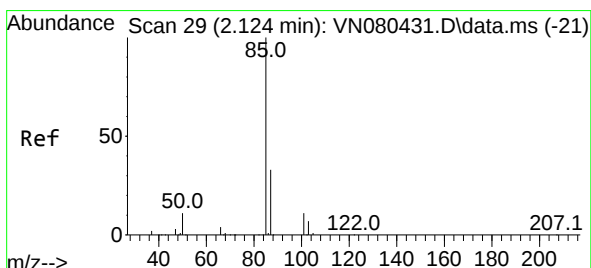
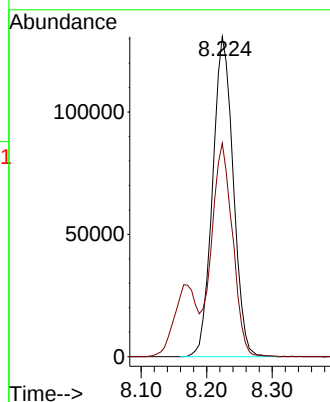
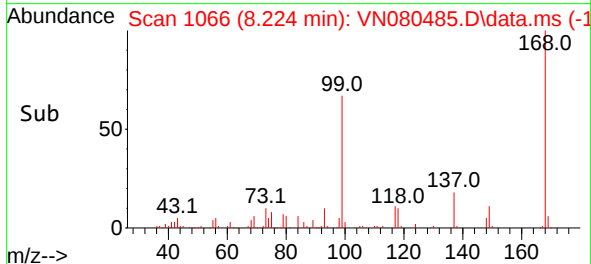
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



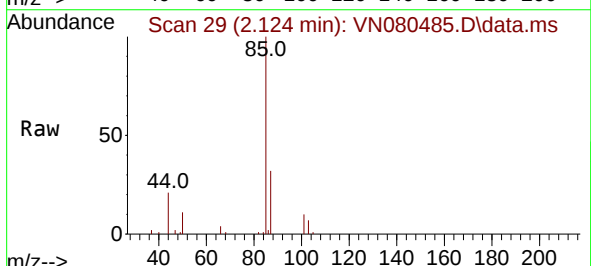
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Ion Ratio Lower Upper  
168 100  
99 66.8 53.0 79.6

Manual Integrations  
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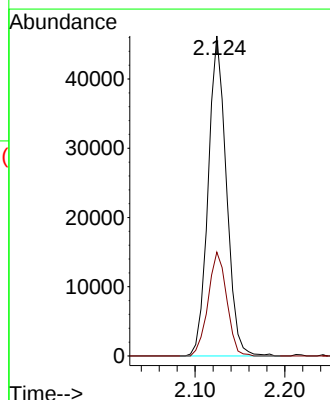
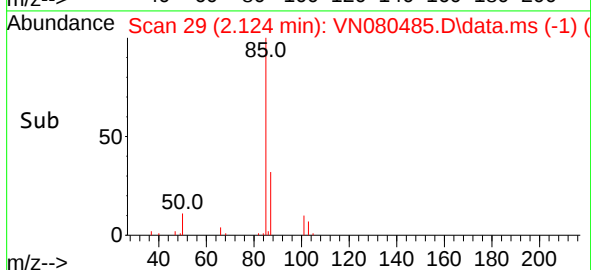
Reviewed By :John Carlone 12/15/2023  
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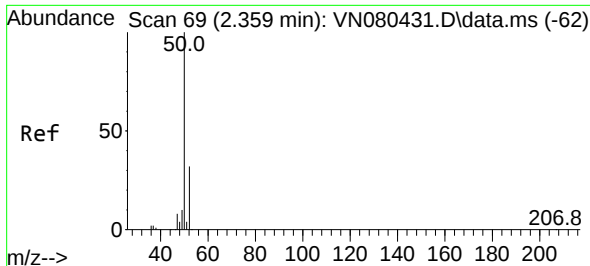


#2  
Dichlorodifluoromethane  
Concen: 17.834 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



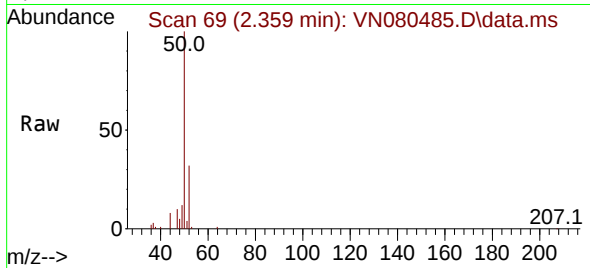
Tgt Ion: 85 Resp: 65102  
Ion Ratio Lower Upper  
85 100  
87 32.4 15.8 47.4





#3  
Chloromethane  
Concen: 15.599 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

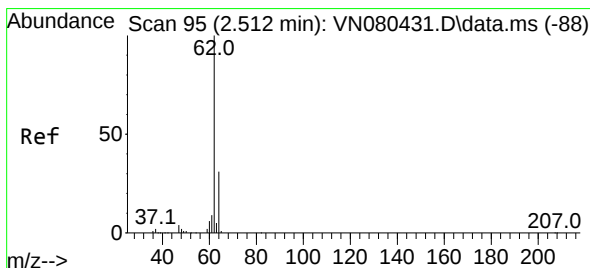
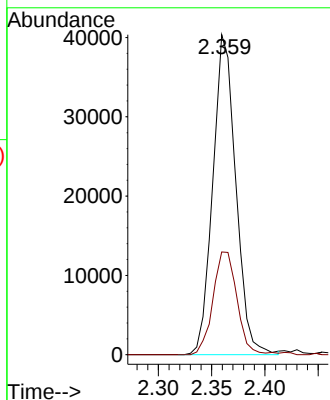
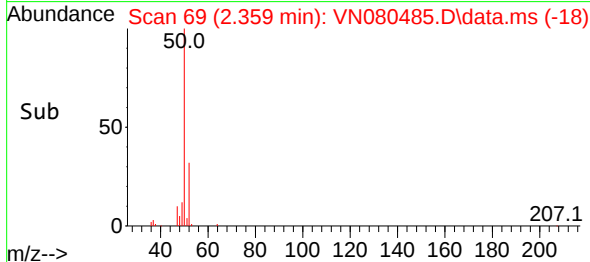
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Tgt Ion: 50 Resp: 60650  
Ion Ratio Lower Upper  
50 100  
52 32.1 26.5 39.7

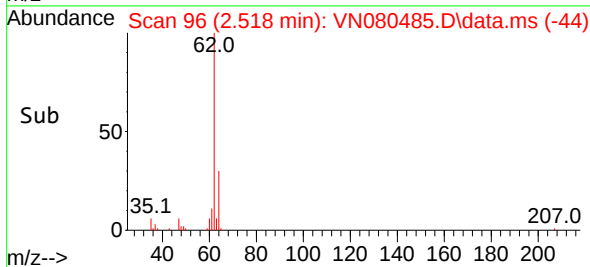
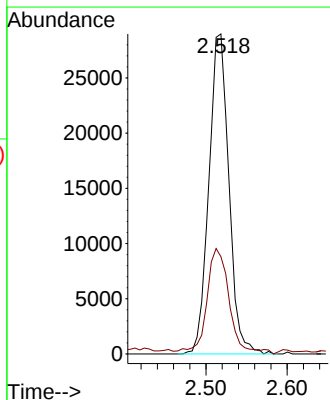
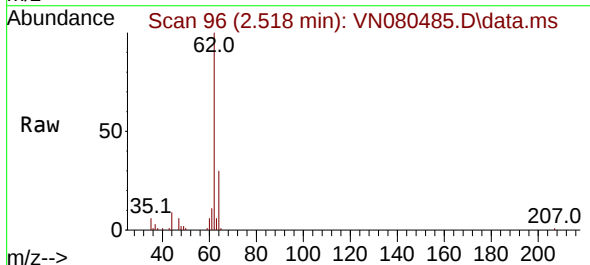
Manual Integrations  
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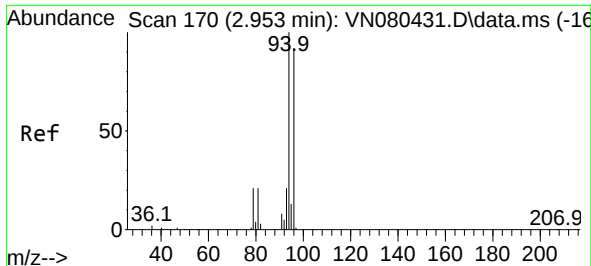
Reviewed By :John Carlone 12/15/2023  
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#4  
Vinyl Chloride  
Concen: 15.921 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

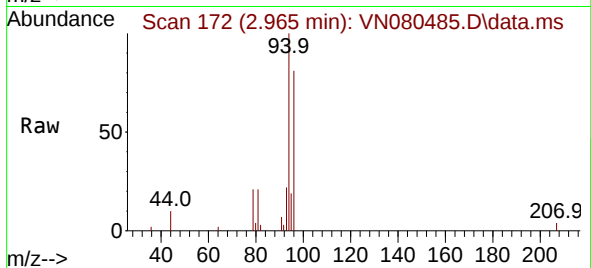
Tgt Ion: 62 Resp: 49633  
Ion Ratio Lower Upper  
62 100  
64 29.8 26.2 39.2





#5  
Bromomethane  
Concen: 16.802 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

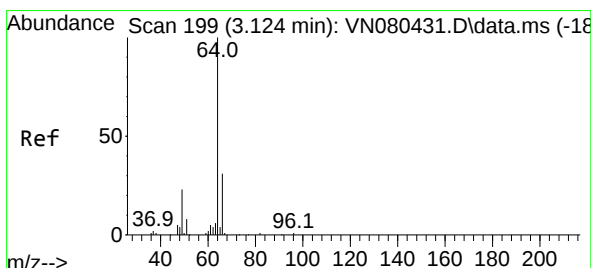
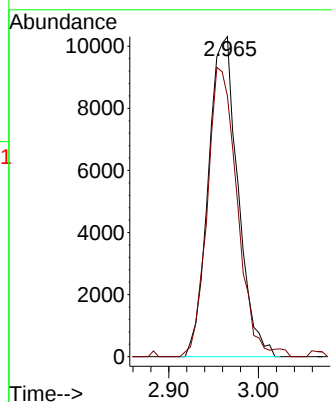
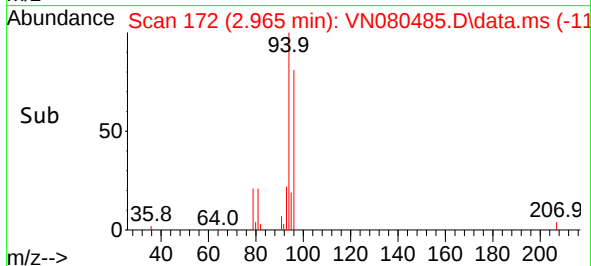
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Tgt Ion: 94 Resp: 23610  
Ion Ratio Lower Upper  
94 100  
96 81.5 73.1 109.7

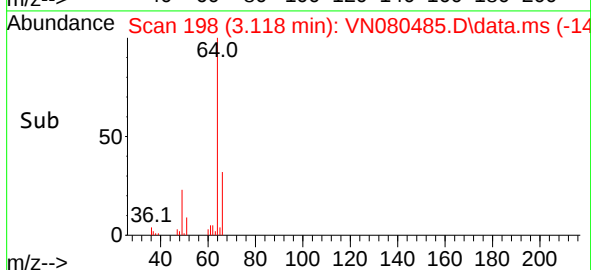
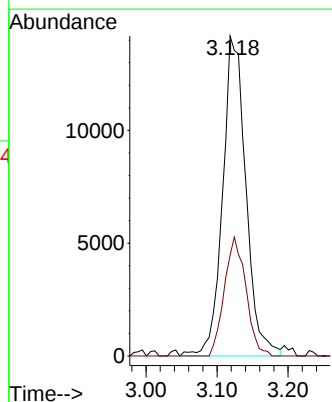
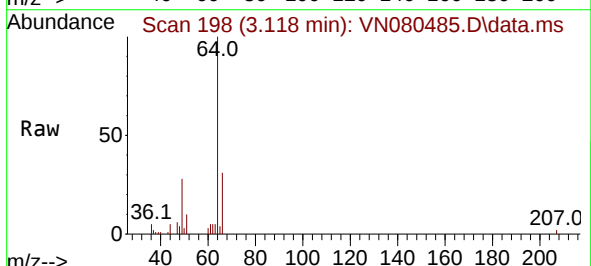
Manual Integrations  
APPROVED

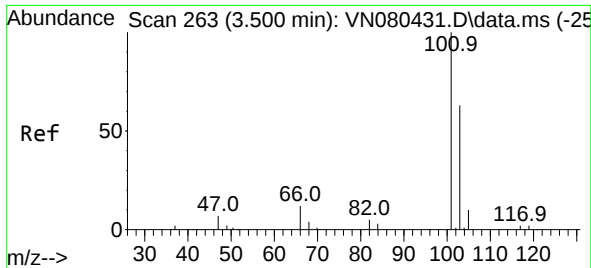
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#6  
Chloroethane  
Concen: 16.125 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

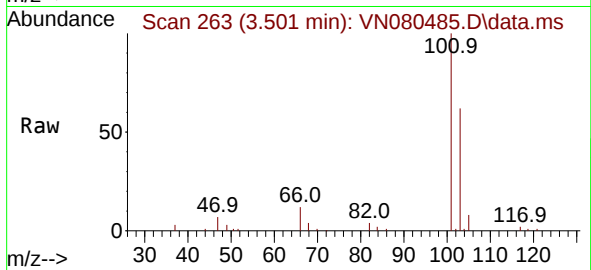
Tgt Ion: 64 Resp: 32302  
Ion Ratio Lower Upper  
64 100  
66 31.5 25.4 38.2





#7  
Trichlorofluoromethane  
Concen: 18.256 ug/l  
RT: 3.501 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

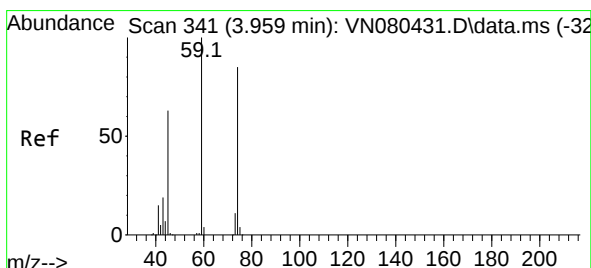
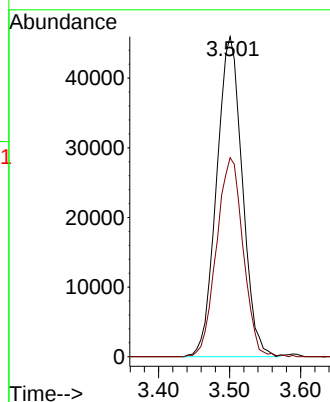
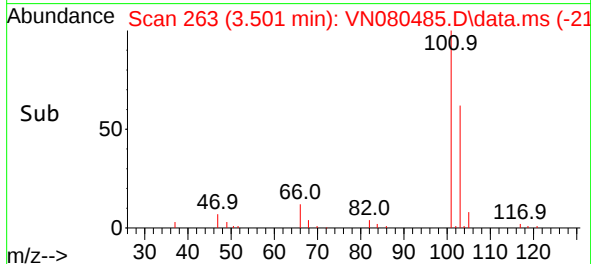
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



Tgt Ion:101 Resp: 115438  
Ion Ratio Lower Upper  
101 100  
103 62.2 50.7 76.1

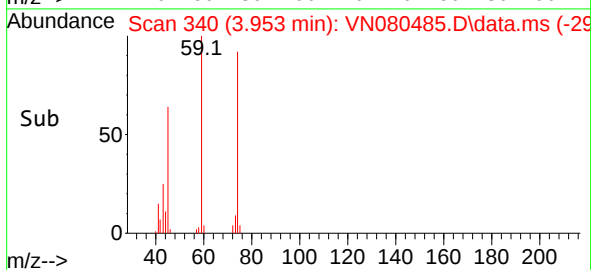
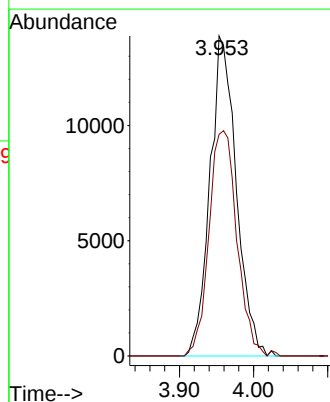
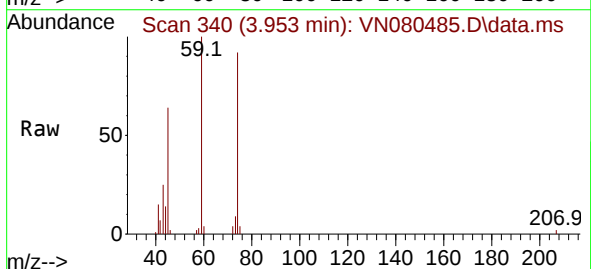
Manual Integrations  
APPROVED

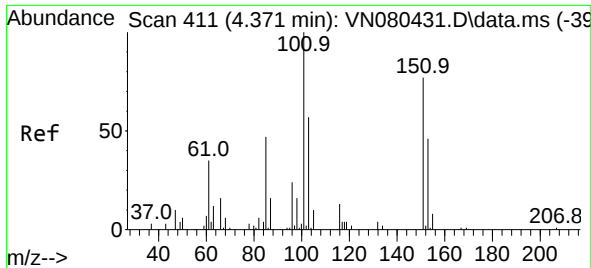
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#8  
Diethyl Ether  
Concen: 17.245 ug/l  
RT: 3.953 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 74 Resp: 34347  
Ion Ratio Lower Upper  
74 100  
45 74.5 34.4 103.3





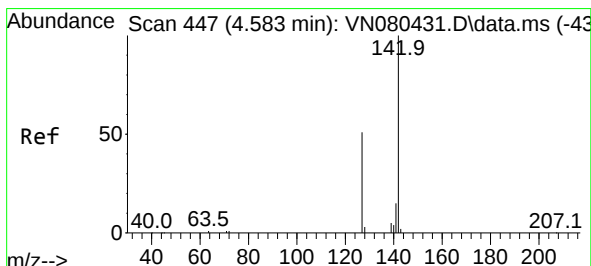
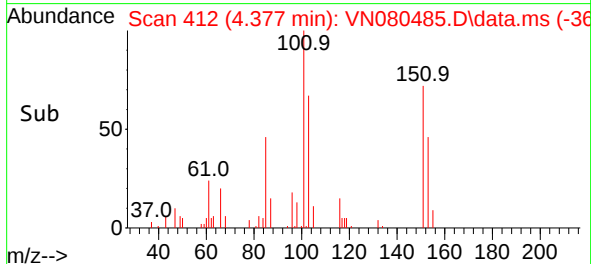
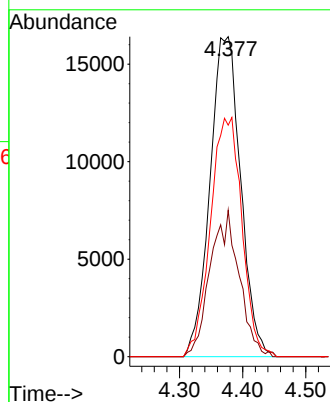
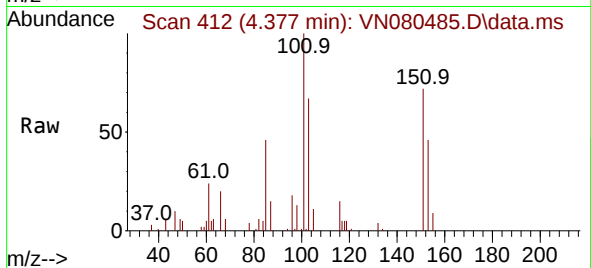
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.507 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02

Tgt Ion:101 Resp: 55460  
Ion Ratio Lower Upper  
101 100  
85 23.3 36.6 55.0  
151 76.7 57.6 86.4

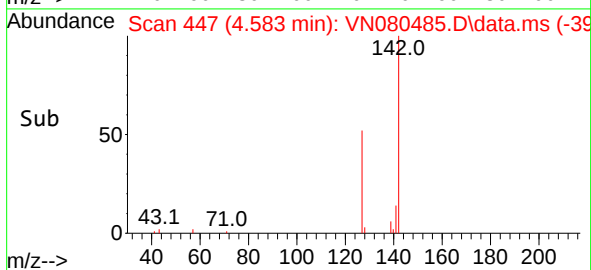
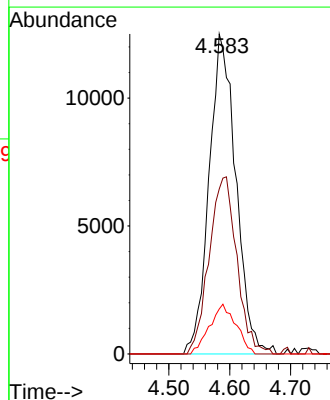
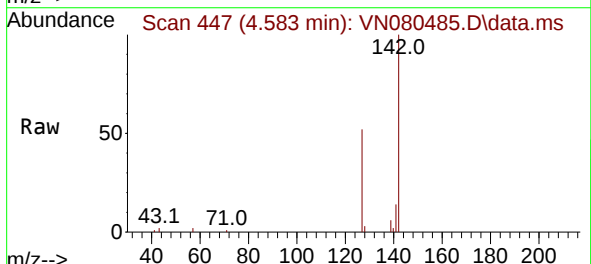
Manual Integrations  
APPROVED

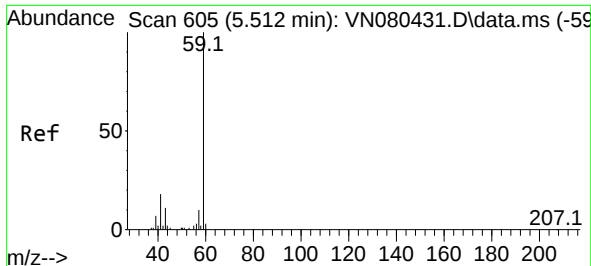
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#10  
Methyl Iodide  
Concen: 14.474 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion:142 Resp: 38156  
Ion Ratio Lower Upper  
142 100  
127 51.6 37.6 56.4  
141 14.0 11.4 17.0





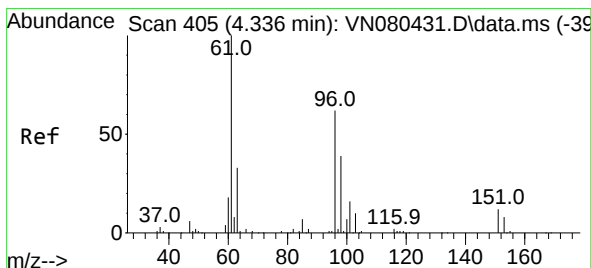
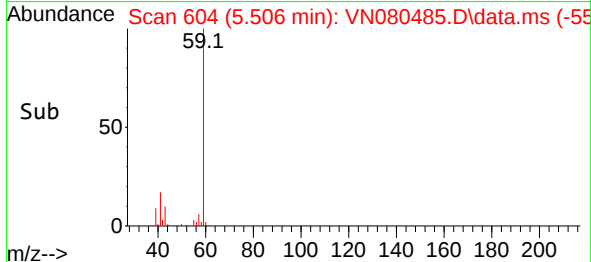
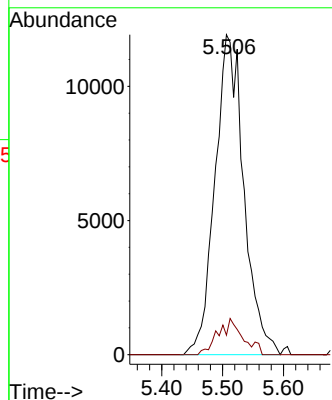
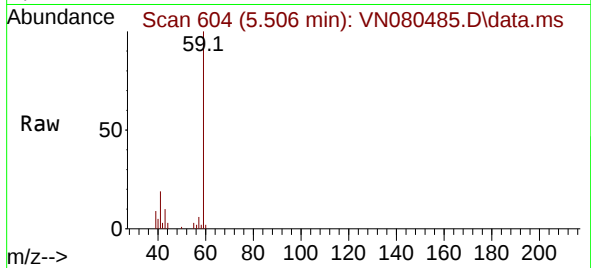
#11  
Tert butyl alcohol  
Concen: 91.216 ug/l  
RT: 5.506 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02

Tgt Ion: 59 Resp: 3919  
Ion Ratio Lower Upper  
59 100  
57 9.7 8.2 12.4

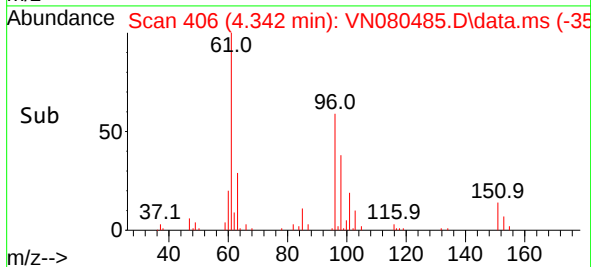
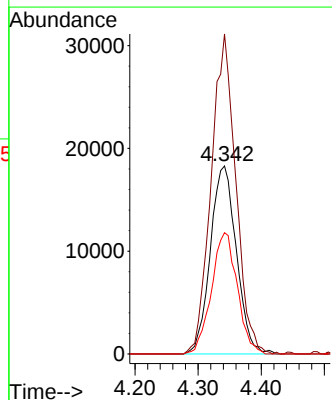
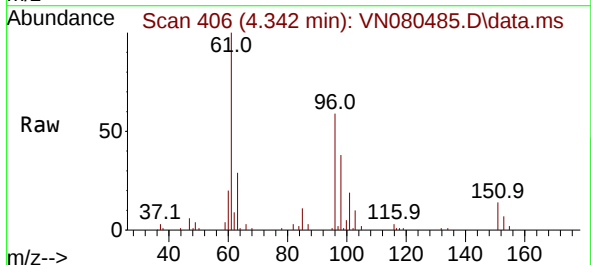
Manual Integrations  
APPROVED

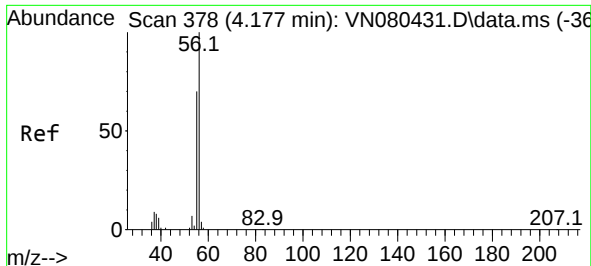
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#12  
1,1-Dichloroethene  
Concen: 17.073 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 96 Resp: 52430  
Ion Ratio Lower Upper  
96 100  
61 170.3 112.7 169.1#  
98 64.5 51.2 76.8





#13

Acrolein

Concen: 76.721 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 56 Resp: 3610

Ion Ratio Lower Upper

56 100

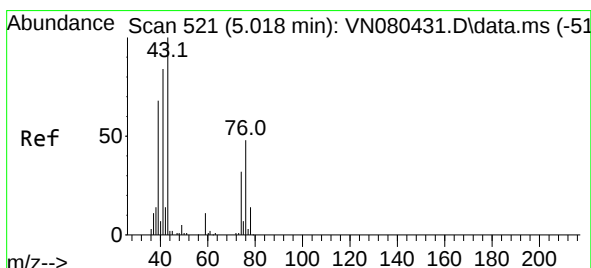
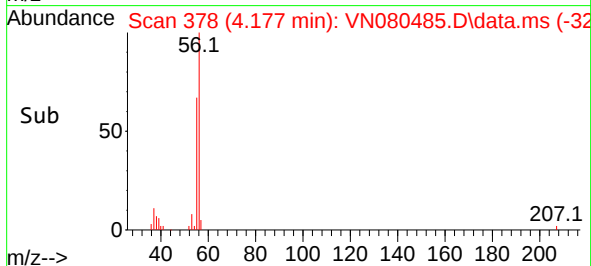
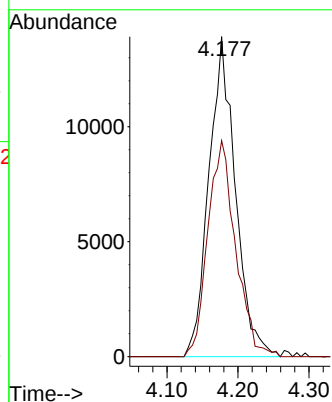
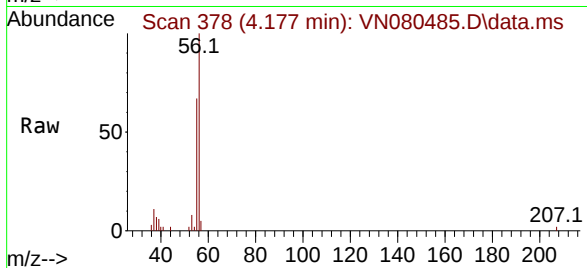
55 70.8 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#14

Allyl chloride

Concen: 16.774 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

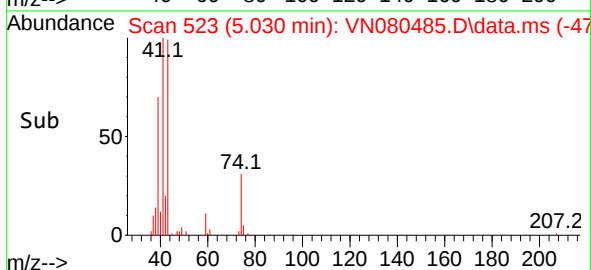
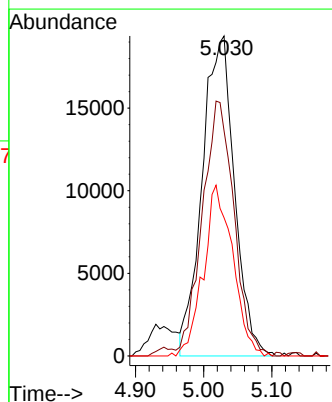
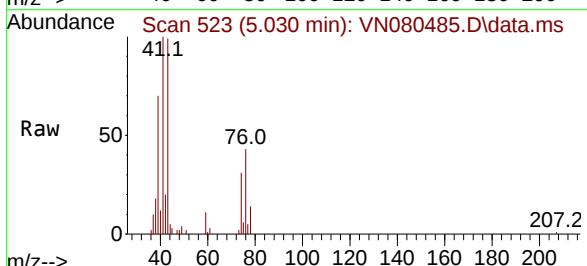
Tgt Ion: 41 Resp: 63733

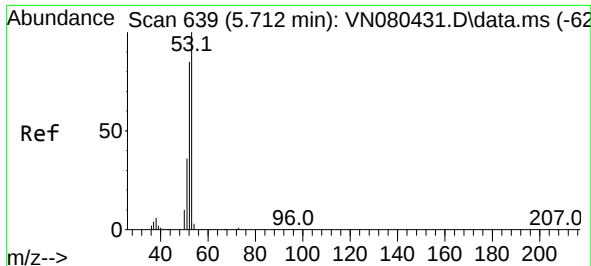
Ion Ratio Lower Upper

41 100

39 78.0 58.8 88.2

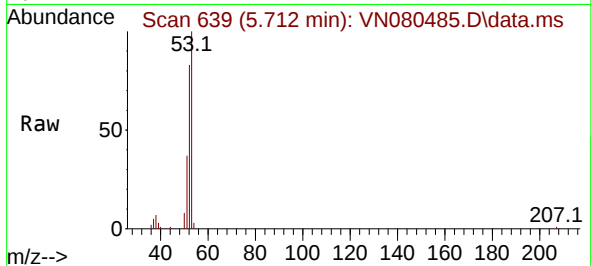
76 48.6 39.1 58.7





#15  
Acrylonitrile  
Concen: 87.160 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

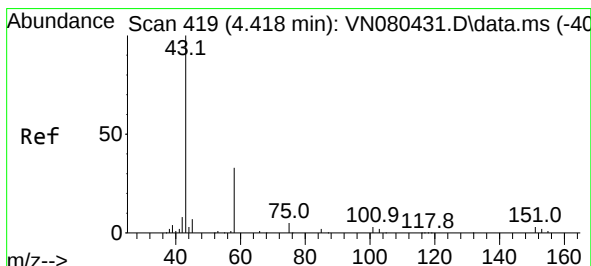
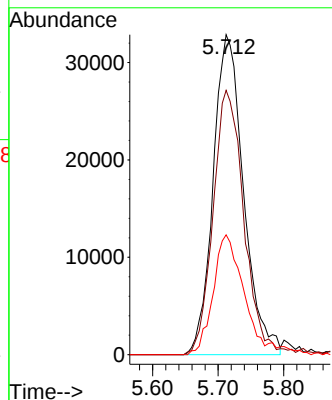
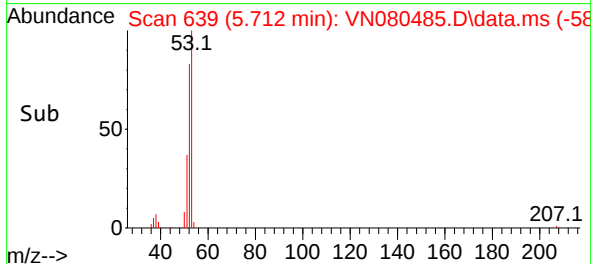
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



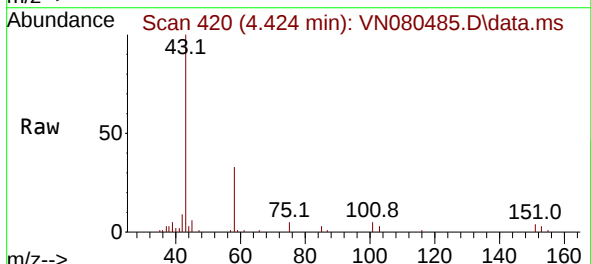
Tgt Ion: 53 Resp: 10582  
Ion Ratio Lower Upper  
53 100  
52 83.6 65.3 97.9  
51 38.9 28.9 43.3

Manual Integrations  
APPROVED

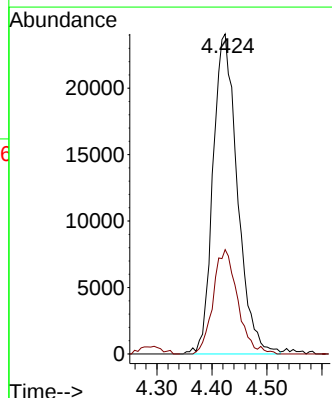
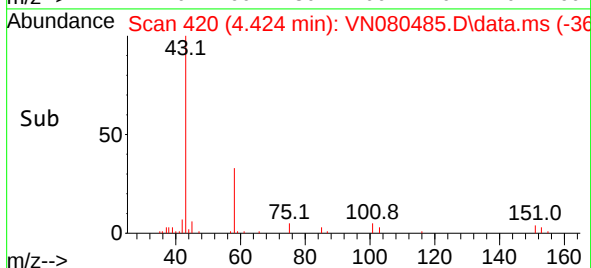
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023

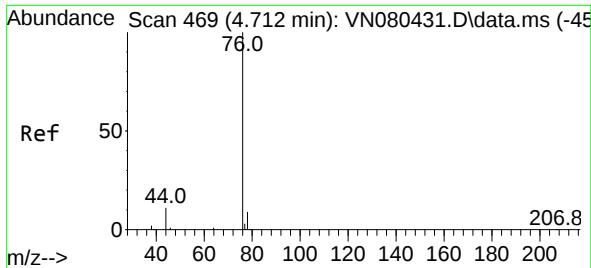


#16  
Acetone  
Concen: 114.803 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



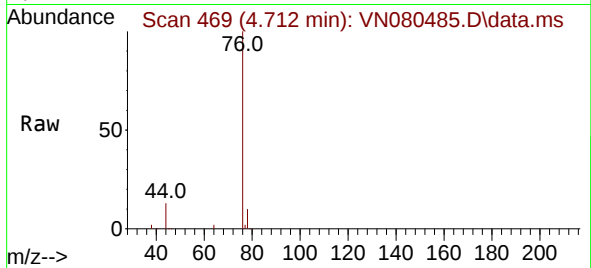
Tgt Ion: 43 Resp: 74268  
Ion Ratio Lower Upper  
43 100  
58 32.6 28.0 42.0





#17  
Carbon Disulfide  
Concen: 15.524 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

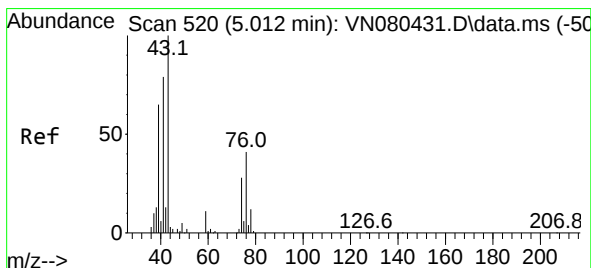
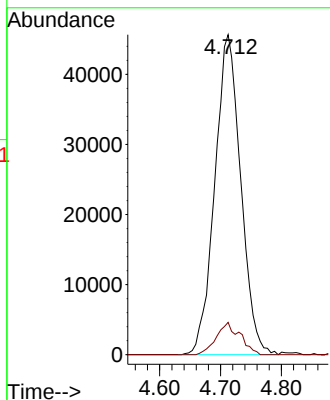
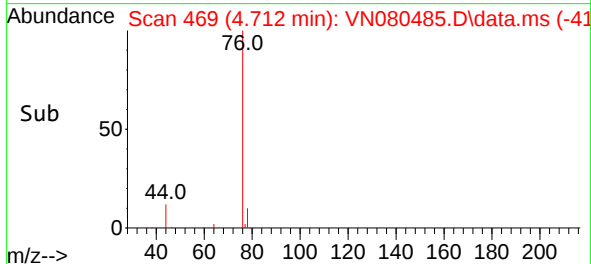
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



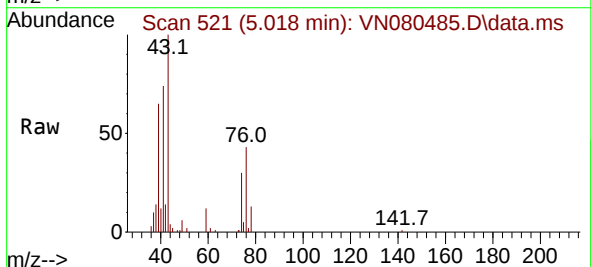
Tgt Ion: 76 Resp: 135100  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.4 11.0

Manual Integrations  
APPROVED

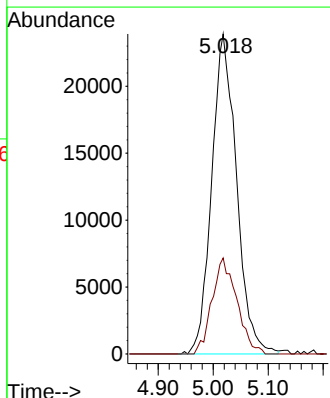
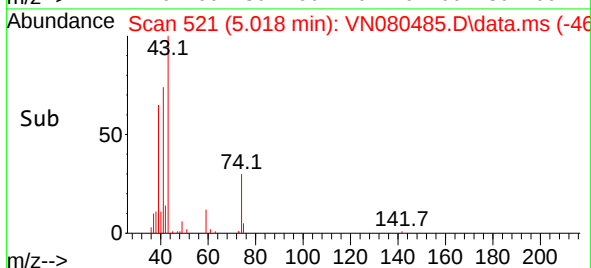
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023

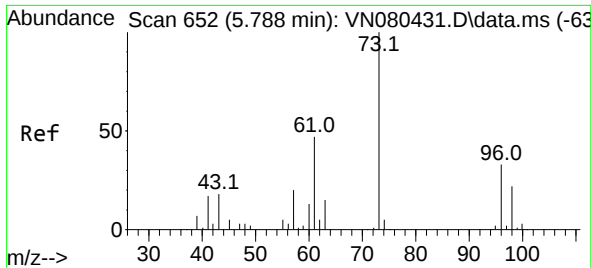


#18  
Methyl Acetate  
Concen: 18.011 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



Tgt Ion: 43 Resp: 74973  
Ion Ratio Lower Upper  
43 100  
74 30.0 26.2 39.4





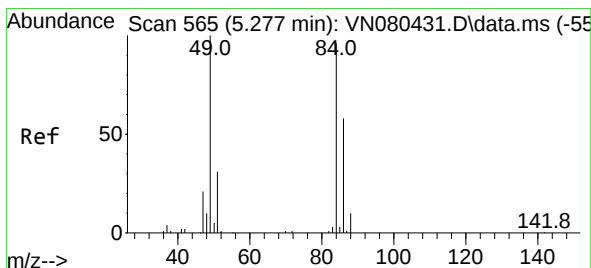
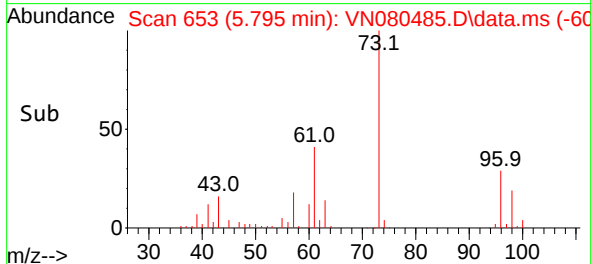
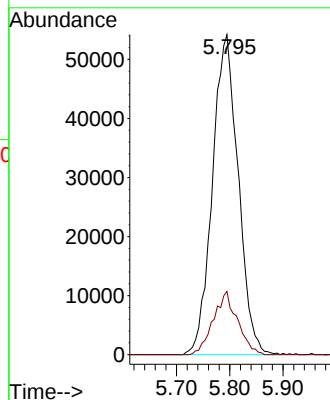
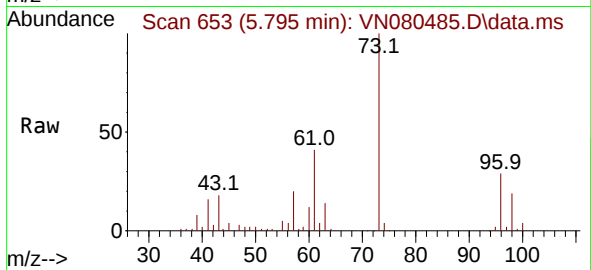
#19  
Methyl tert-butyl Ether  
Concen: 17.769 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02

Tgt Ion: 73 Resp: 18204  
Ion Ratio Lower Upper  
73 100  
57 19.7 15.6 23.4

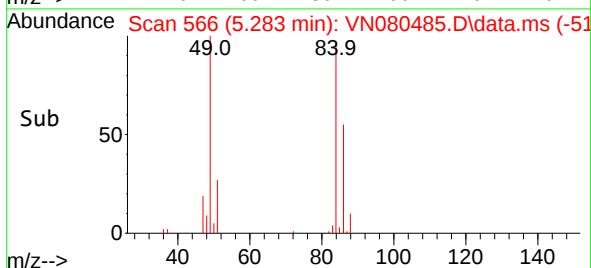
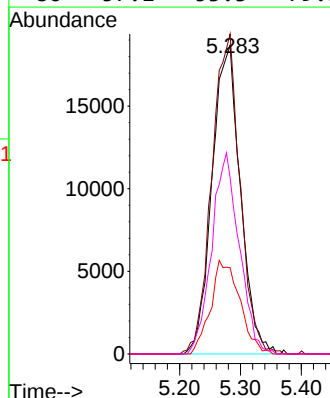
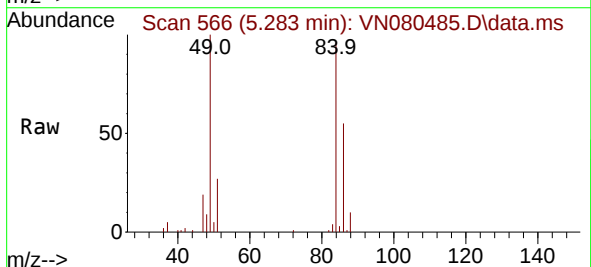
Manual Integrations  
APPROVED

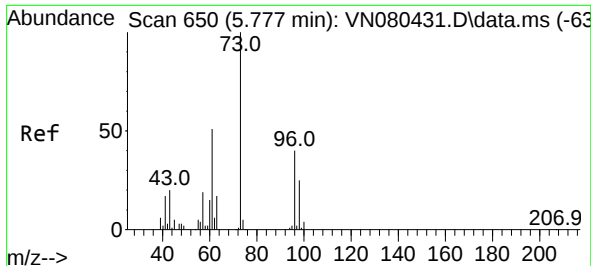
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#20  
Methylene Chloride  
Concen: 17.390 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 84 Resp: 60204  
Ion Ratio Lower Upper  
84 100  
49 103.6 79.7 119.5  
51 27.9 25.2 37.8  
86 57.1 53.3 79.9





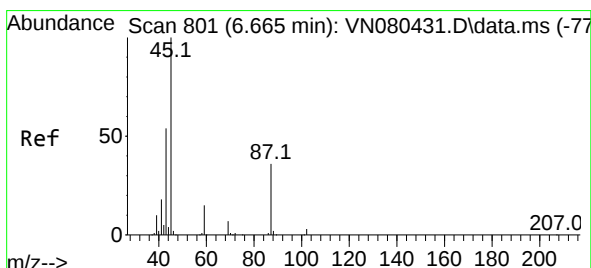
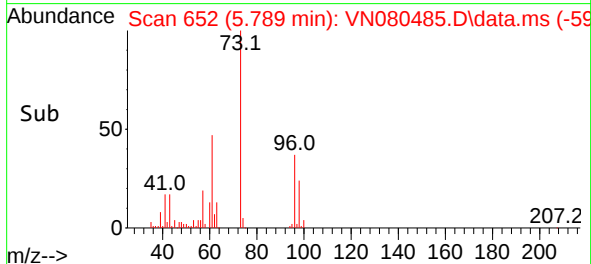
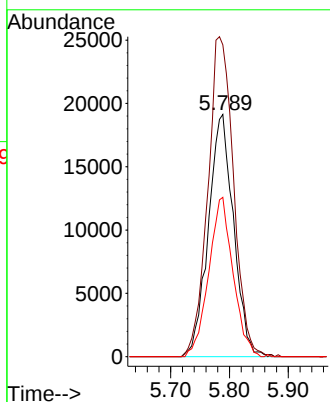
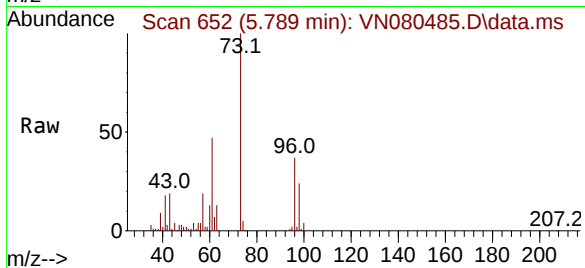
#21  
trans-1,2-Dichloroethene  
Concen: 17.097 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02

Tgt Ion: 96 Resp: 56930  
Ion Ratio Lower Upper  
96 100  
61 128.7 90.1 135.1  
98 65.8 46.4 69.6

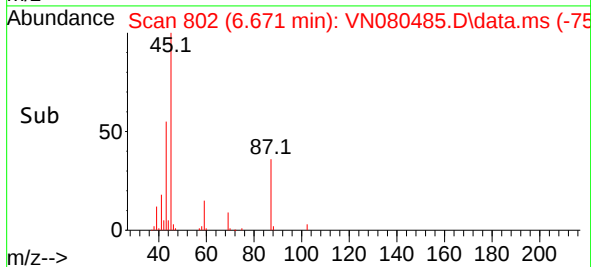
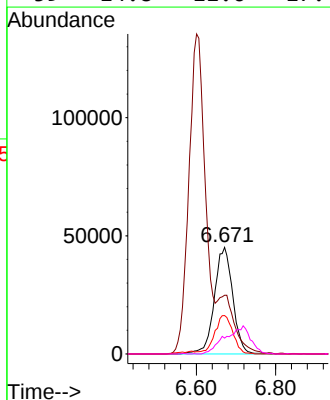
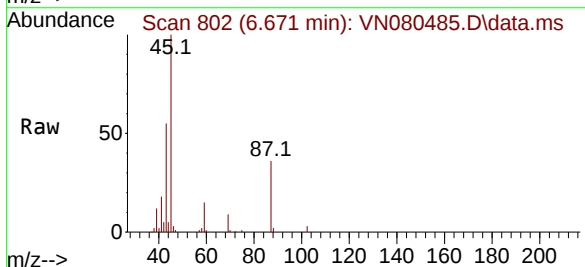
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#22  
Diisopropyl ether  
Concen: 17.730 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

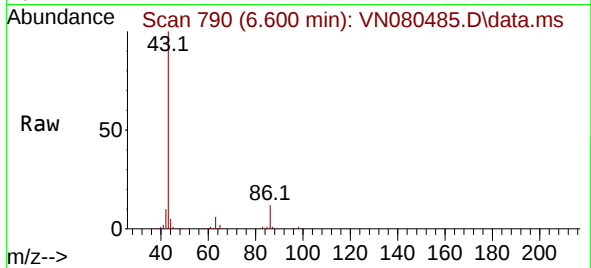
Tgt Ion: 45 Resp: 145387  
Ion Ratio Lower Upper  
45 100  
43 54.7 45.5 68.3  
87 36.1 31.8 47.8  
59 14.8 11.6 17.4





#23  
 Vinyl Acetate  
 Concen: 82.869 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

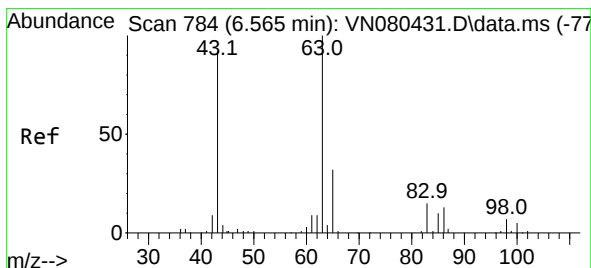
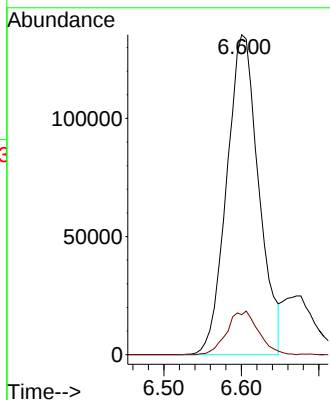
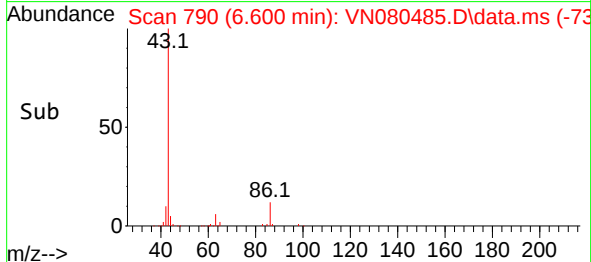
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1214WBSD02



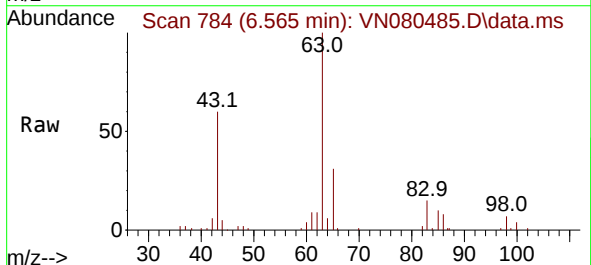
Tgt Ion: 43 Resp: 390292  
 Ion Ratio Lower Upper  
 43 100  
 86 12.5 13.0 19.6

Manual Integrations  
 APPROVED

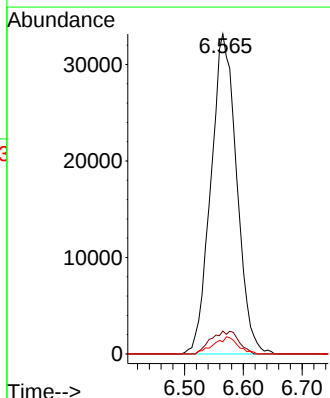
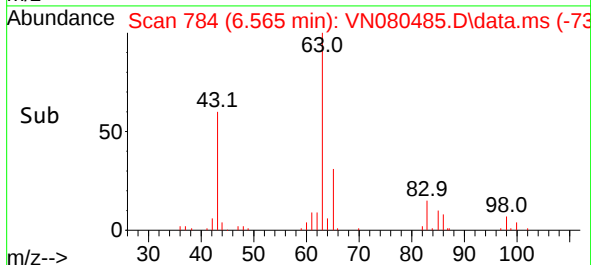
Reviewed By :John Carlone 12/15/2023  
 Supervised By :Mahesh Dadoda 12/15/2023



#24  
 1,1-Dichloroethane  
 Concen: 17.670 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15



Tgt Ion: 63 Resp: 101096  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.9 11.7  
 100 3.8 2.5 7.4





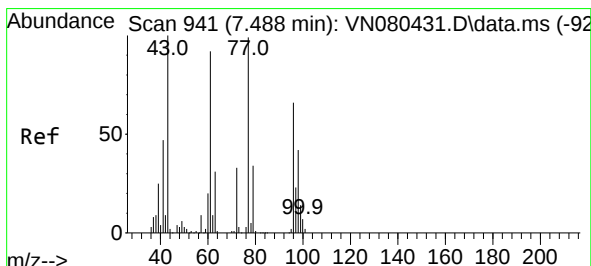
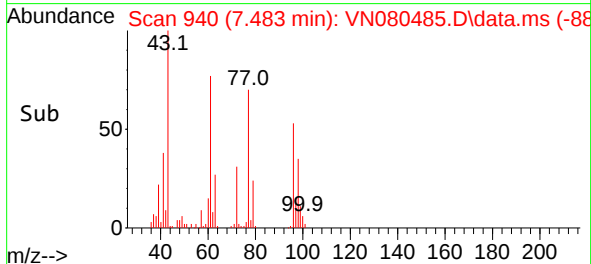
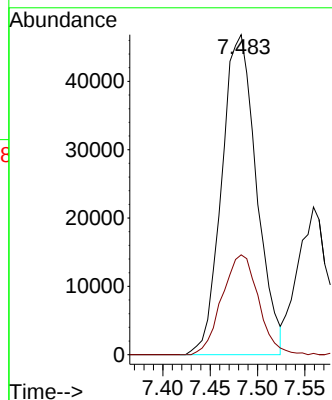
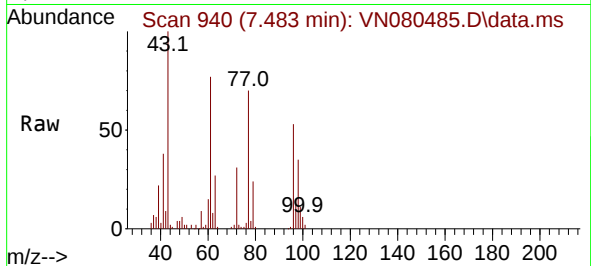
#25  
2-Butanone  
Concen: 96.145 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02

Tgt Ion: 43 Resp: 119820  
Ion Ratio Lower Upper  
43 100  
72 31.2 30.2 45.2

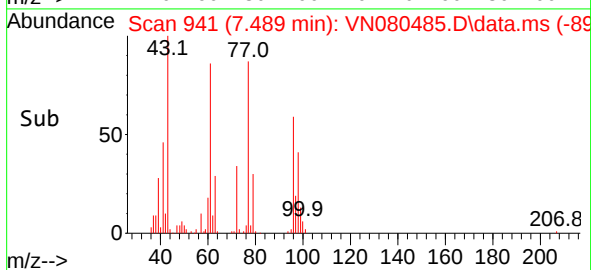
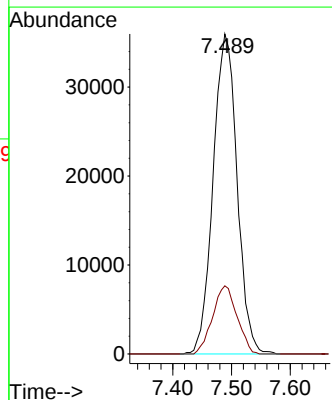
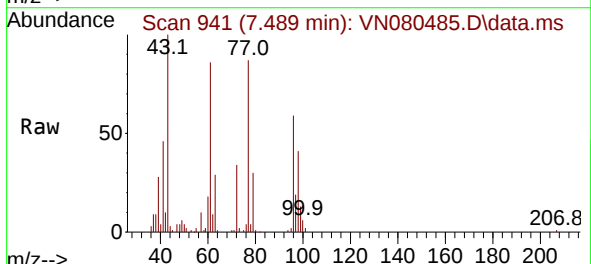
Manual Integrations  
APPROVED

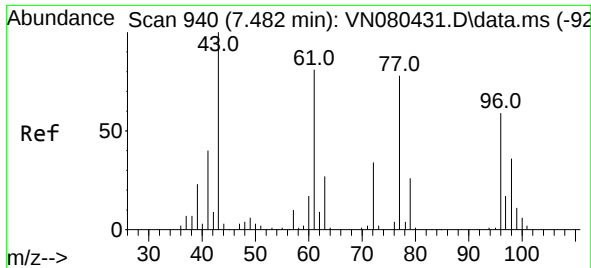
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#26  
2,2-Dichloropropane  
Concen: 17.388 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 77 Resp: 101726  
Ion Ratio Lower Upper  
77 100  
97 21.7 11.2 33.6





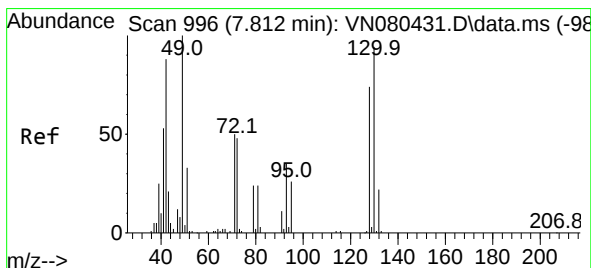
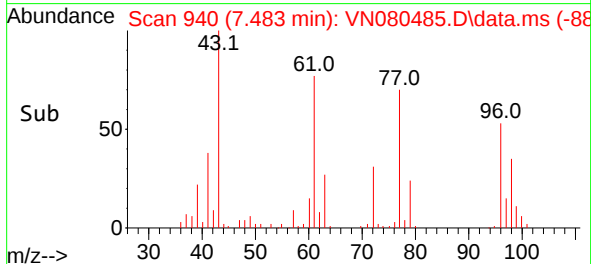
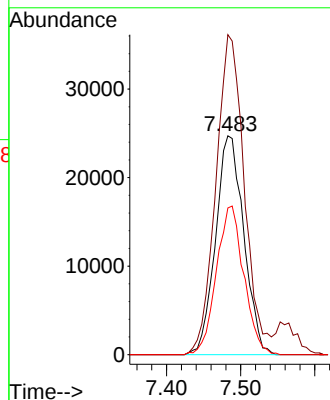
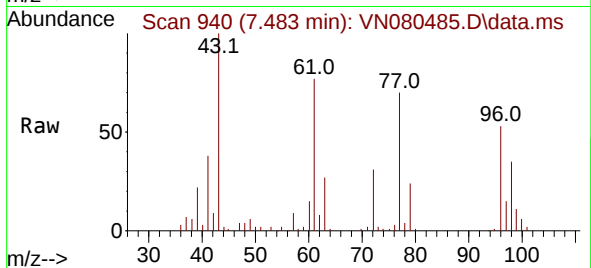
#27  
 cis-1,2-Dichloroethene  
 Concen: 17.326 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1214WBSD02

Tgt Ion: 96 Resp: 6530  
 Ion Ratio Lower Upper  
 96 100  
 61 147.7 0.0 255.2  
 98 66.3 0.0 128.8

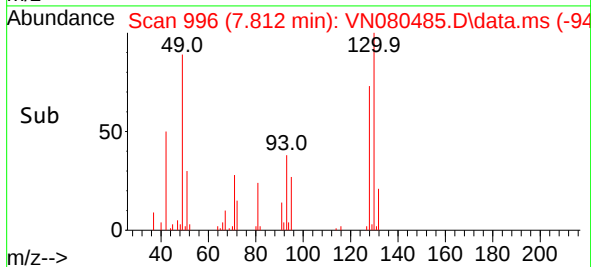
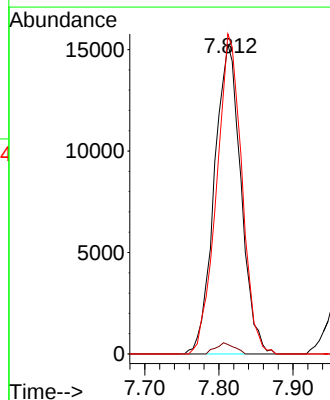
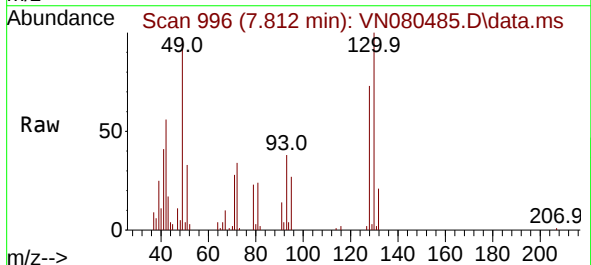
Manual Integrations  
 APPROVED

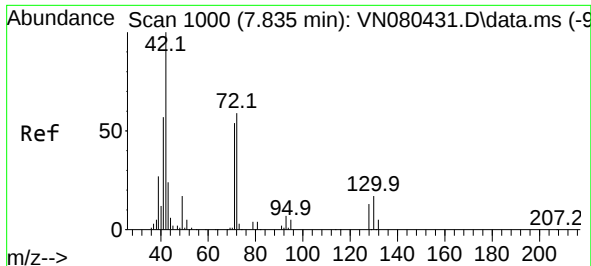
Reviewed By :John Carlone 12/15/2023  
 Supervised By :Mahesh Dadoda 12/15/2023



#28  
 Bromochloromethane  
 Concen: 17.324 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

Tgt Ion: 49 Resp: 38056  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 4.8  
 130 98.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 83.585 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080485.D

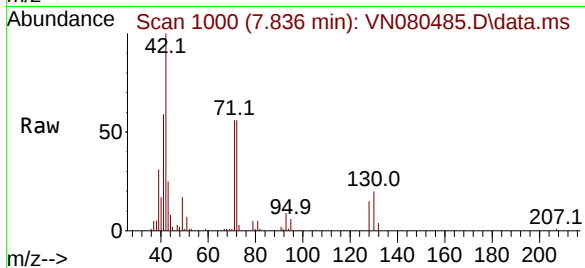
Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

VN1214WBSD02



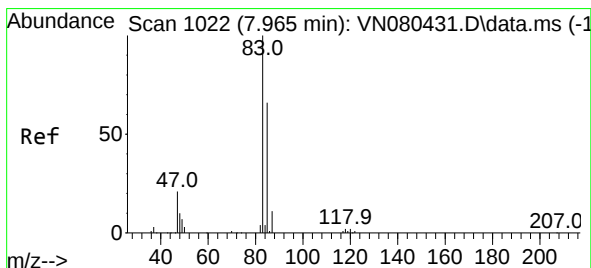
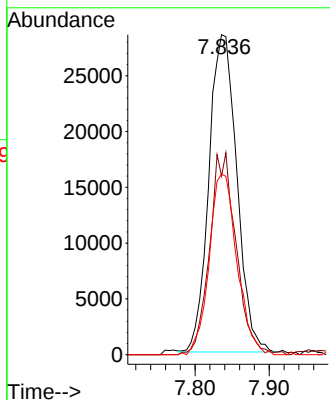
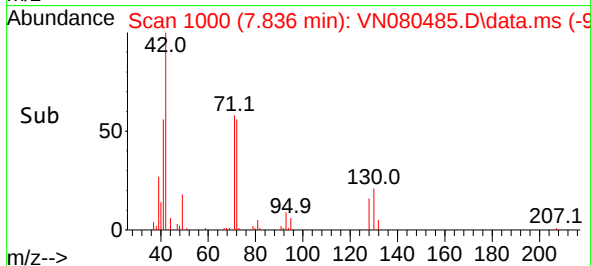
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 74592 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 60.5  | 49.8  | 74.6  |
| 71        | 56.5  | 47.4  | 71.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#30

Chloroform

Concen: 18.309 ug/l

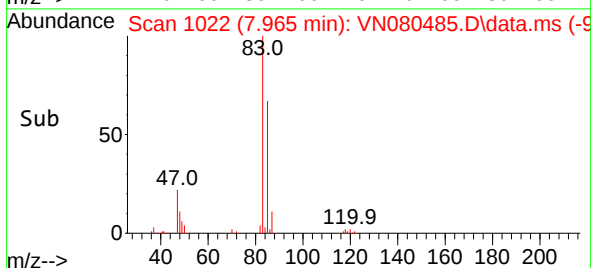
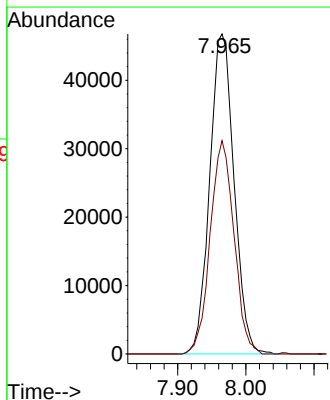
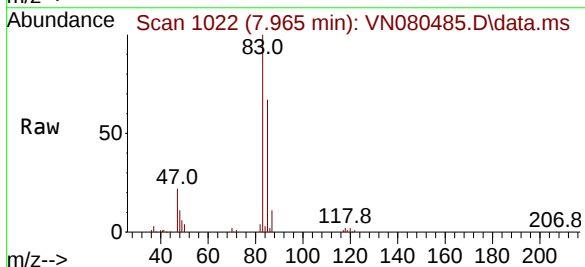
RT: 7.965 min Scan# 1022

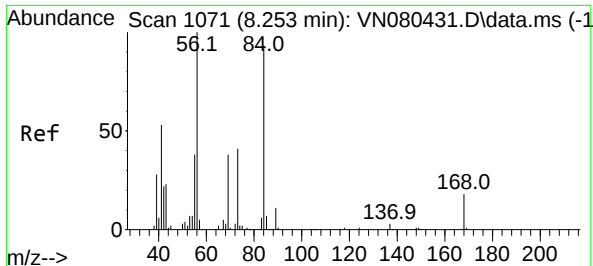
Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

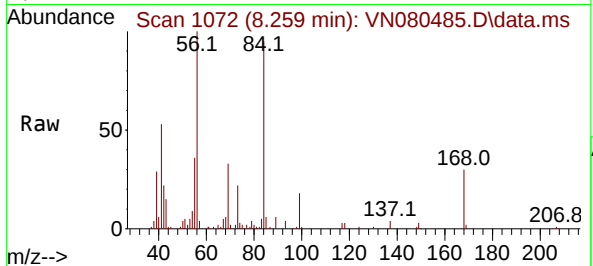
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 116274 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 66.7  | 55.4  | 83.0   |





#31  
Cyclohexane  
Concen: 16.613 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

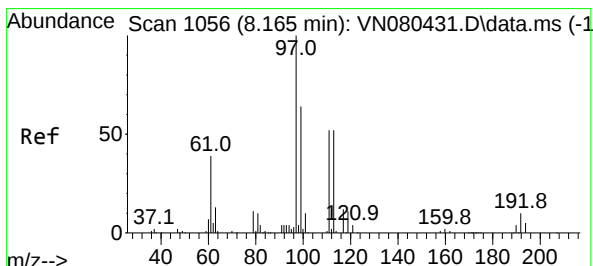
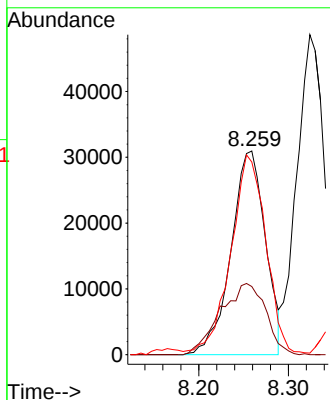
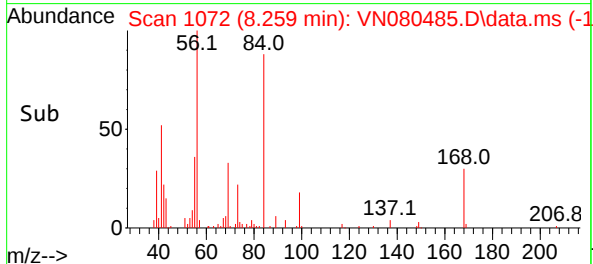
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



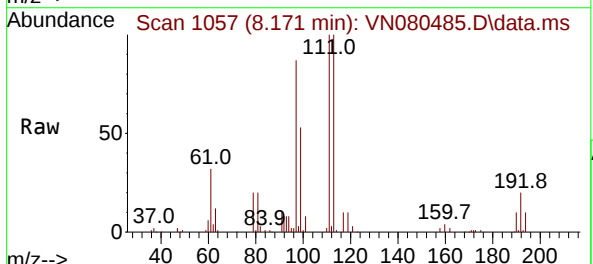
Tgt Ion: 56 Resp: 82425  
Ion Ratio Lower Upper  
56 100  
69 33.5 26.8 40.2  
84 92.4 81.8 122.6

Manual Integrations  
APPROVED

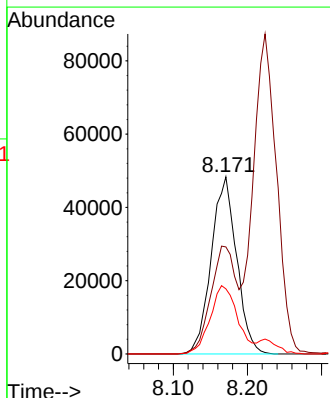
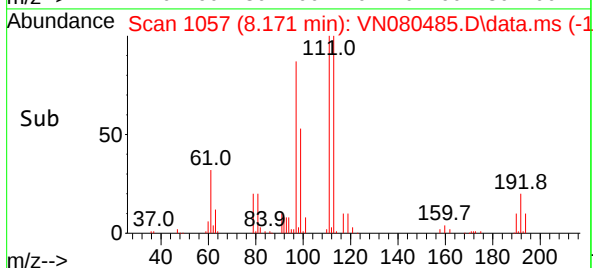
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023

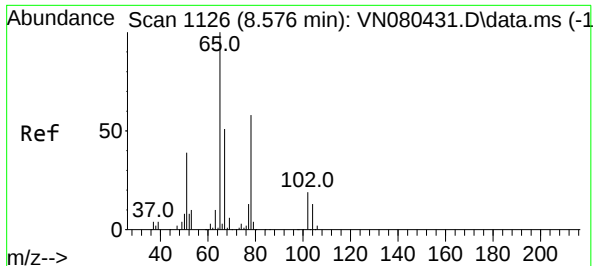


#32  
1,1,1-Trichloroethane  
Concen: 18.472 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



Tgt Ion: 97 Resp: 114859  
Ion Ratio Lower Upper  
97 100  
99 60.3 50.3 75.5  
61 42.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.458 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 65 Resp: 184095

Ion Ratio Lower Upper

65 100

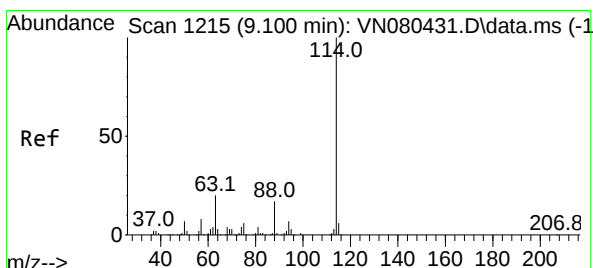
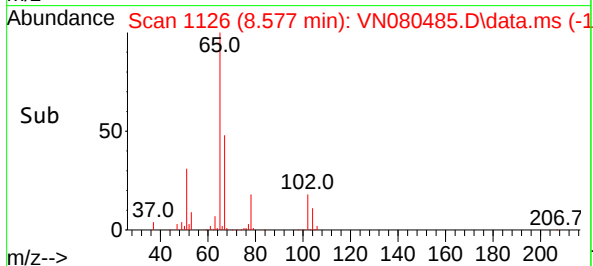
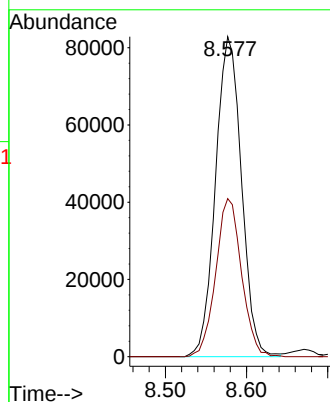
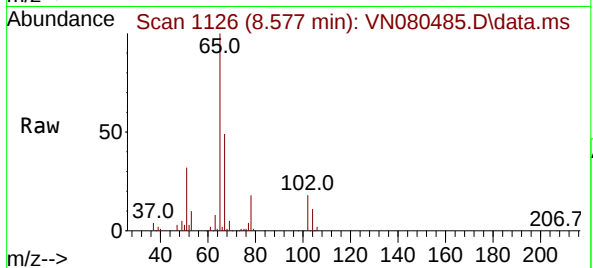
67 49.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

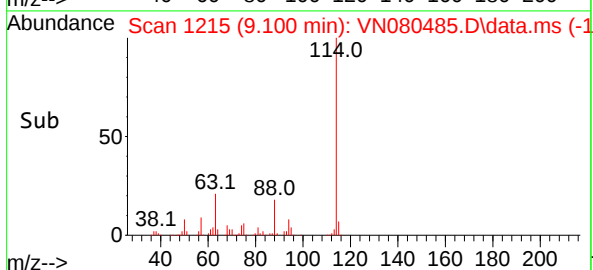
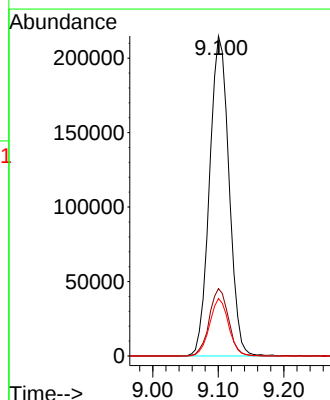
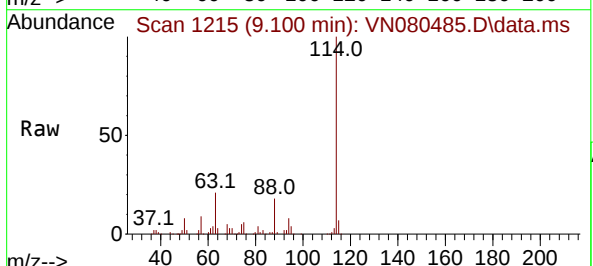
Tgt Ion:114 Resp: 442585

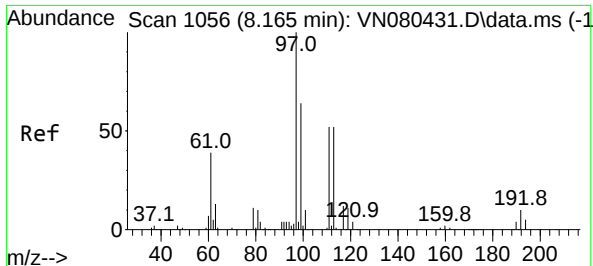
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

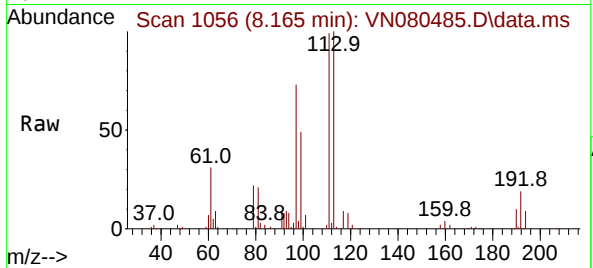
88 17.9 0.0 30.6





#35  
Dibromofluoromethane  
Concen: 49.960 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

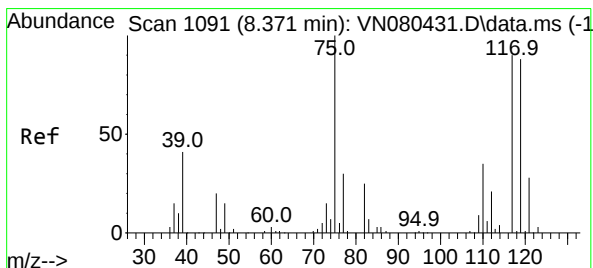
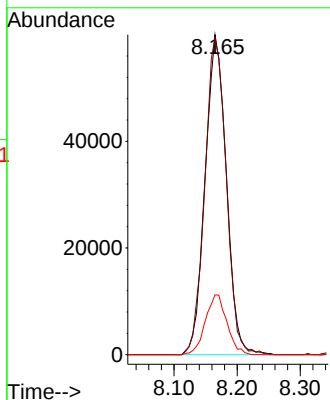
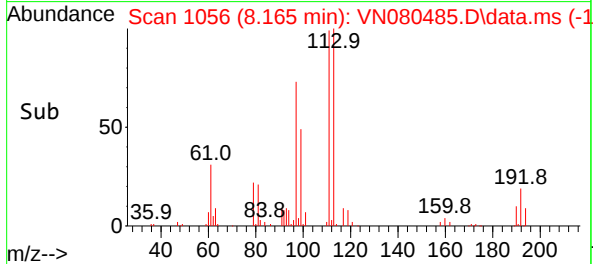
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



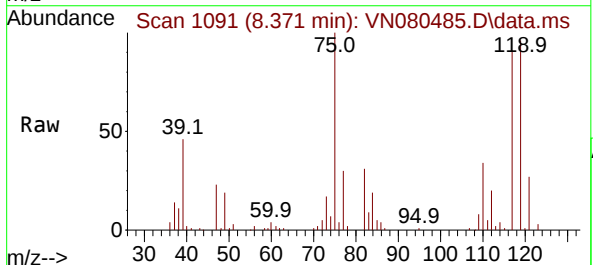
Tgt Ion: 113 Resp: 14019  
Ion Ratio Lower Upper  
113 100  
111 100.3 82.6 123.8  
192 19.0 12.7 19.1

Manual Integrations  
APPROVED

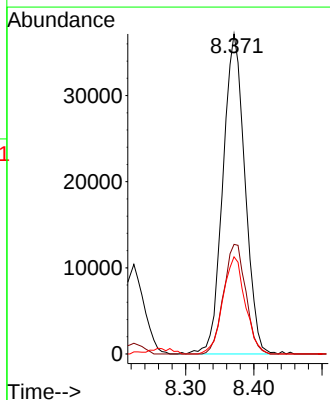
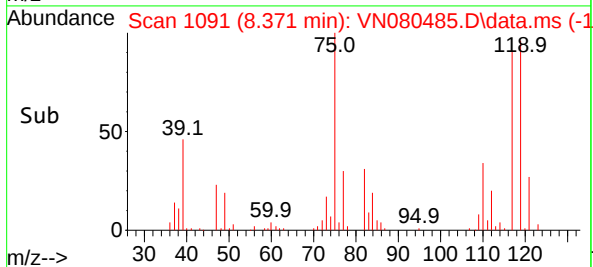
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023

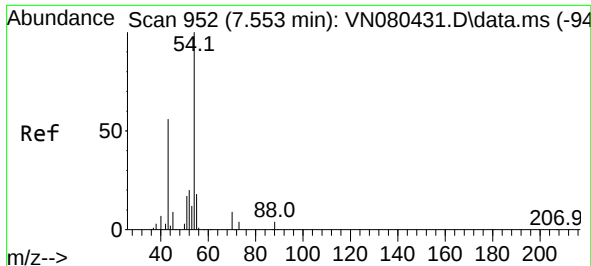


#36  
1,1-Dichloropropene  
Concen: 18.212 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



Tgt Ion: 75 Resp: 83563  
Ion Ratio Lower Upper  
75 100  
110 34.6 19.1 57.3  
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 18.016 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

VN1214WBSD02

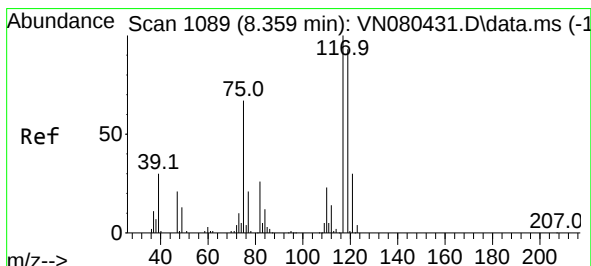
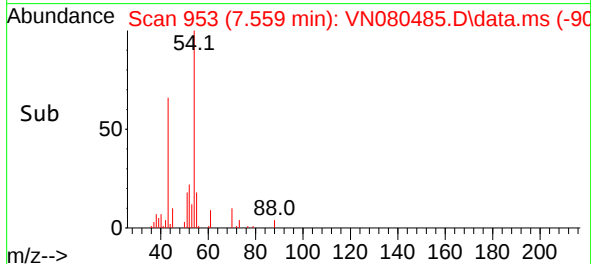
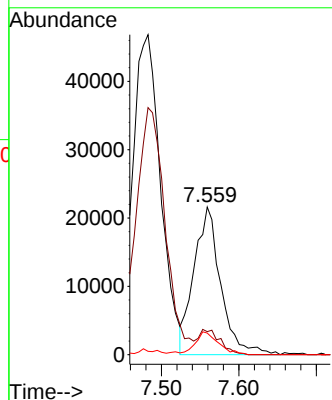
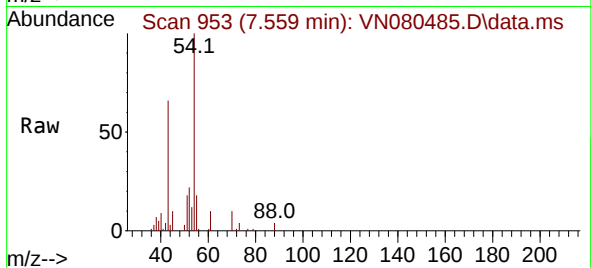
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 51762 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.8  | 13.2  | 19.8  |
| 70       | 14.0  | 11.3  | 16.9  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#38

Carbon Tetrachloride

Concen: 18.252 ug/l

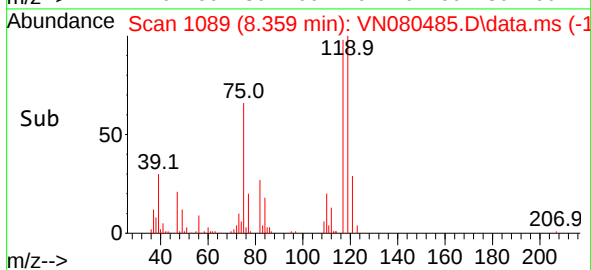
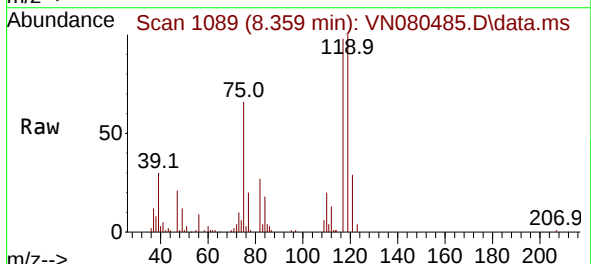
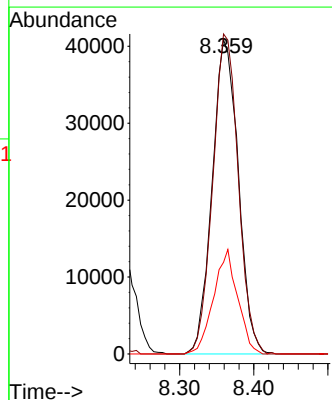
RT: 8.359 min Scan# 1089

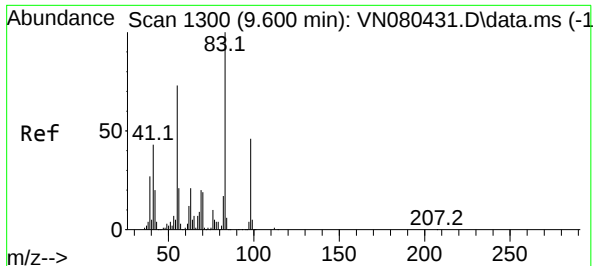
Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 100067 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 101.8 | 77.3  | 115.9  |
| 121      | 29.2  | 23.3  | 34.9   |





#39

Methylcyclohexane

Concen: 17.243 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

VN1214WBSD02

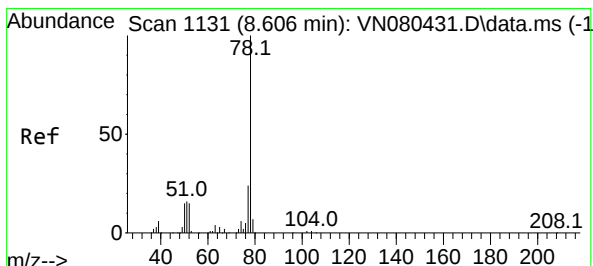
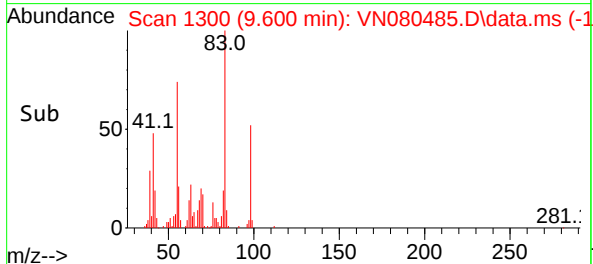
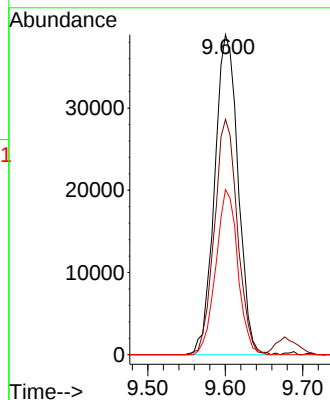
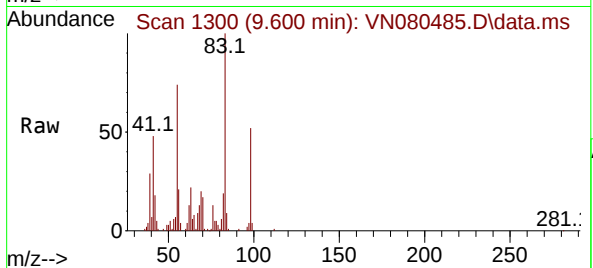
|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 8218     |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 73.6 49.1 73.7 |
| 98          | 51.6 40.6 61.0 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#40

Benzene

Concen: 18.069 ug/l

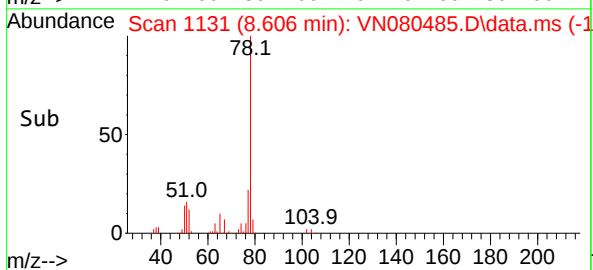
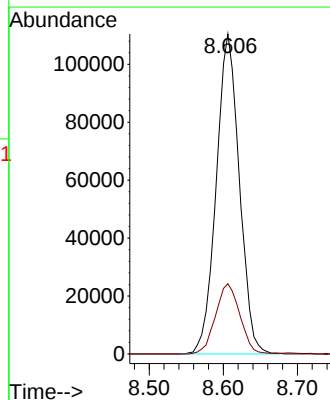
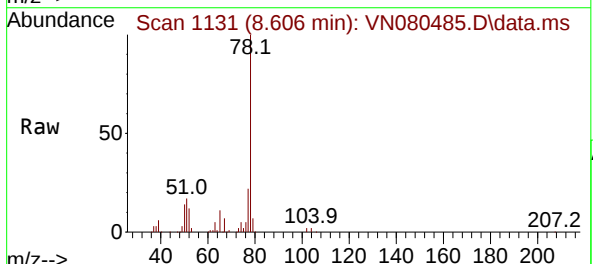
RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

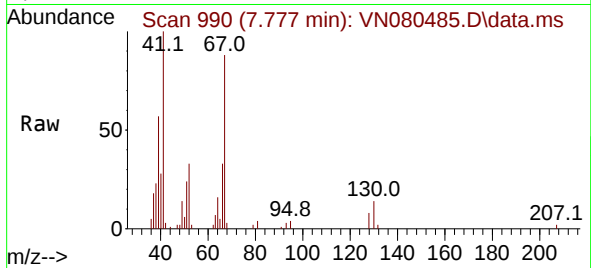
|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 239403   |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 21.9 19.0 28.6 |





#41  
Methacrylonitrile  
Concen: 17.438 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

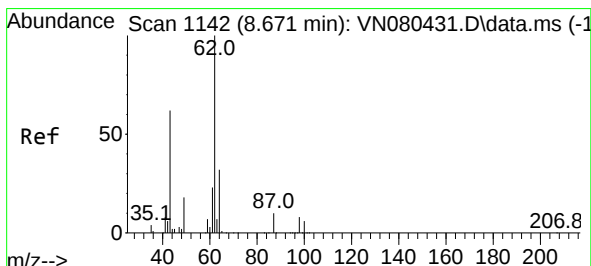
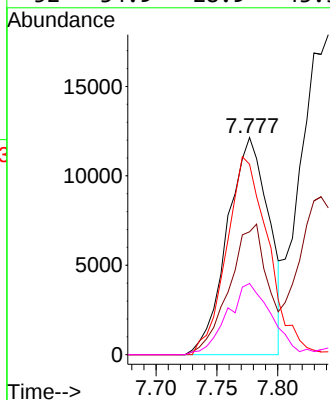
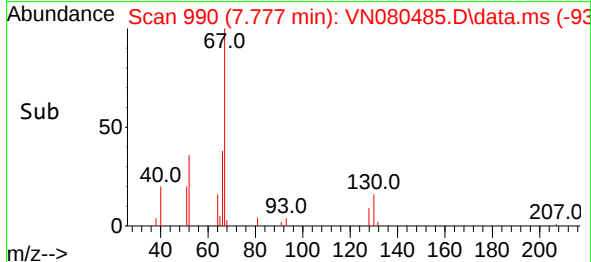
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



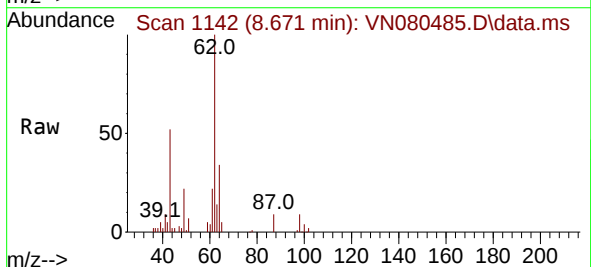
Tgt Ion: 41 Resp: 28884  
Ion Ratio Lower Upper  
41 100  
39 55.5 42.6 64.0  
67 92.2 77.5 116.3  
52 34.9 28.9 43.3

Manual Integrations  
APPROVED

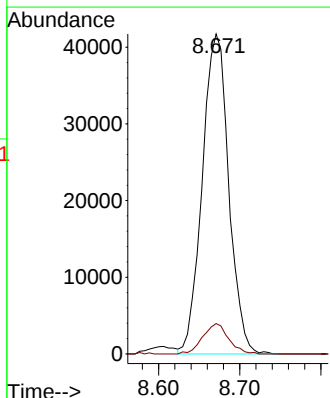
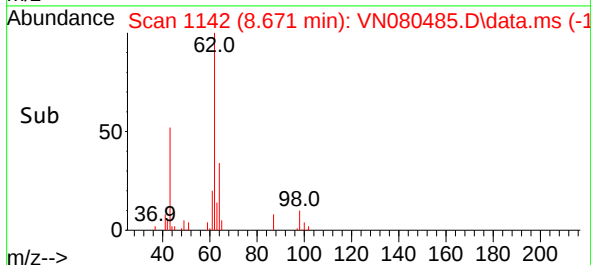
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023

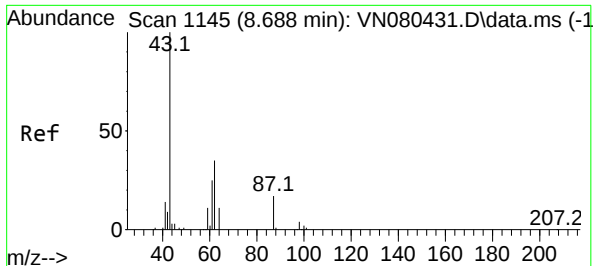


#42  
1,2-Dichloroethane  
Concen: 19.279 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



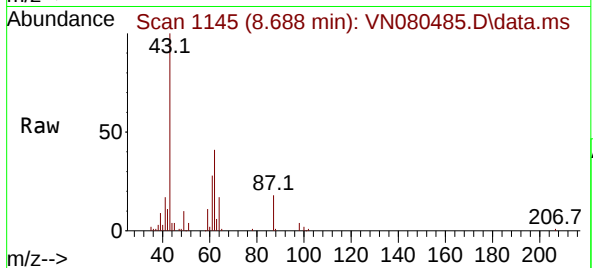
Tgt Ion: 62 Resp: 94592  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 19.8





#43  
Isopropyl Acetate  
Concen: 17.586 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

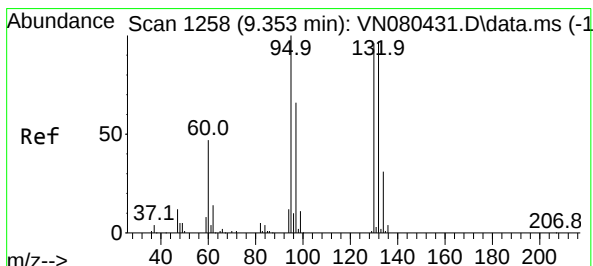
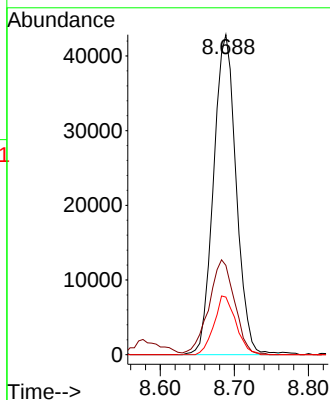
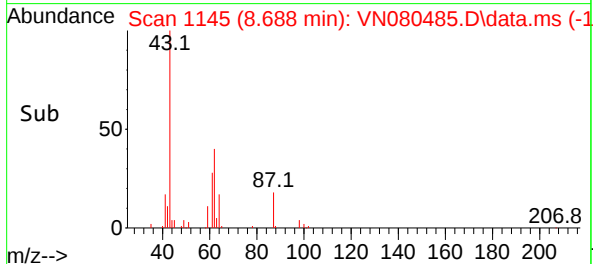
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



Tgt Ion: 43 Resp: 90849  
Ion Ratio Lower Upper  
43 100  
61 33.8 24.7 37.1  
87 17.7 14.6 21.8

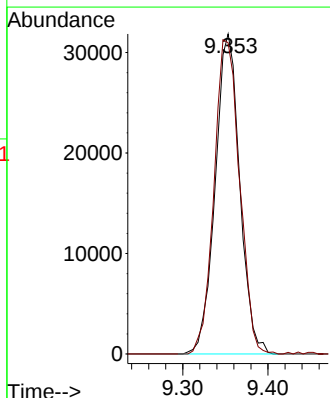
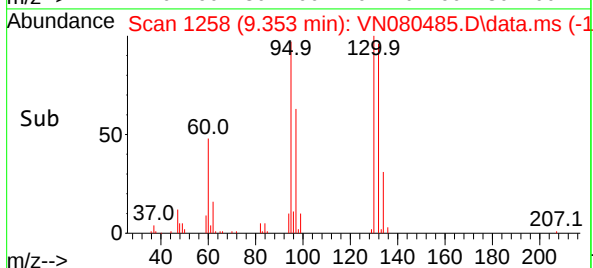
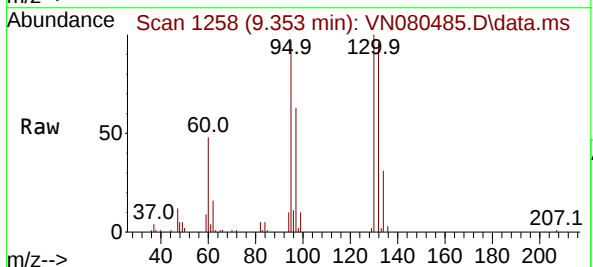
Manual Integrations  
APPROVED

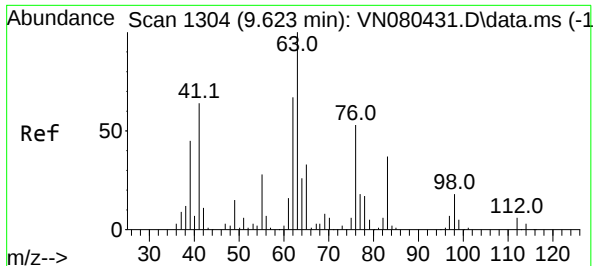
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#44  
Trichloroethene  
Concen: 17.828 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion:130 Resp: 63677  
Ion Ratio Lower Upper  
130 100  
95 97.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.386 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 63 Resp: 57214

Ion Ratio Lower Upper

63 100

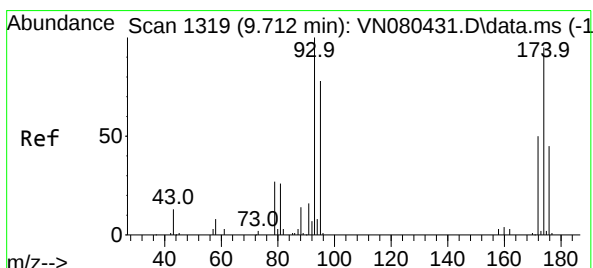
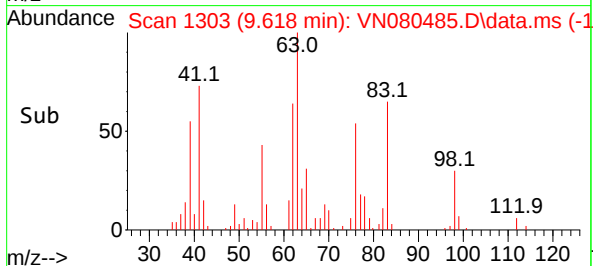
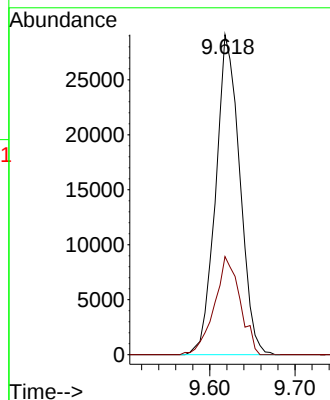
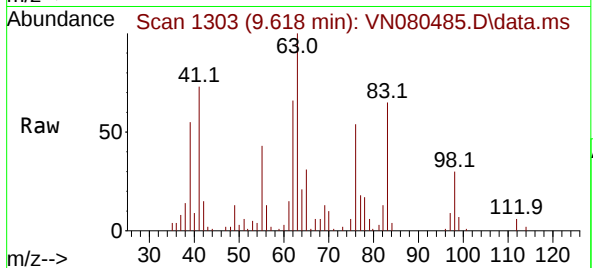
65 30.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#46

Dibromomethane

Concen: 18.534 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

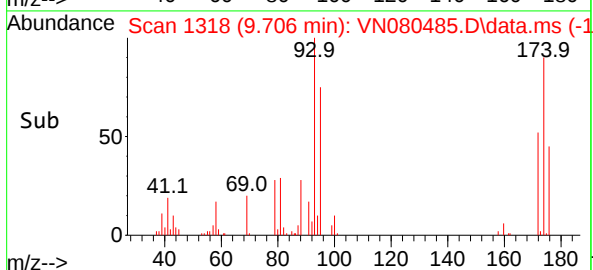
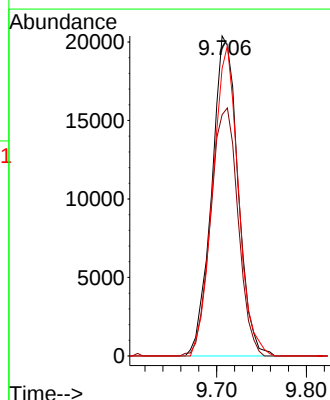
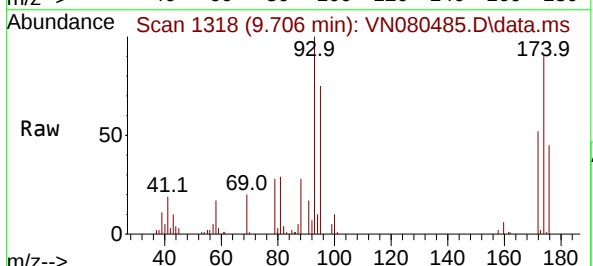
Tgt Ion: 93 Resp: 41419

Ion Ratio Lower Upper

93 100

95 81.0 63.8 95.8

174 94.2 65.6 98.4





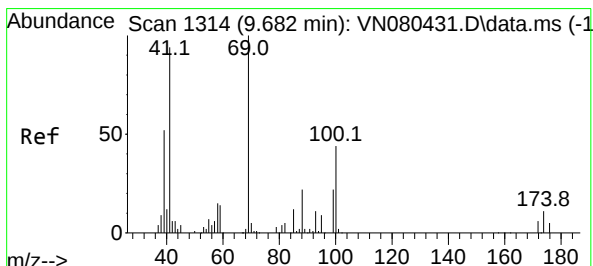
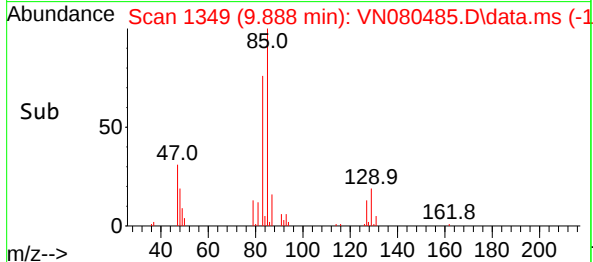
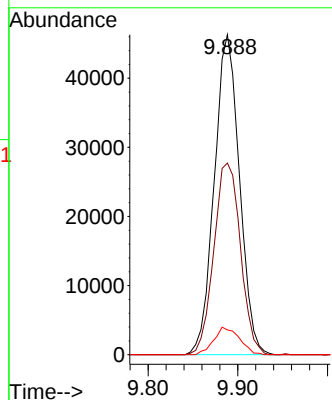
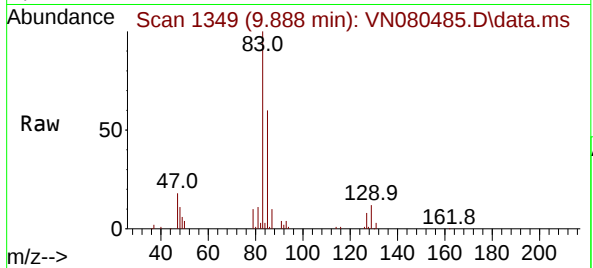
#47  
Bromodichloromethane  
Concen: 18.825 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02

Tgt Ion: 83 Resp: 9016  
Ion Ratio Lower Upper  
83 100  
85 59.9 49.6 74.4  
127 7.7 7.0 10.6

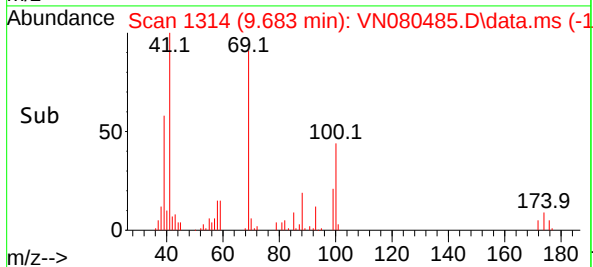
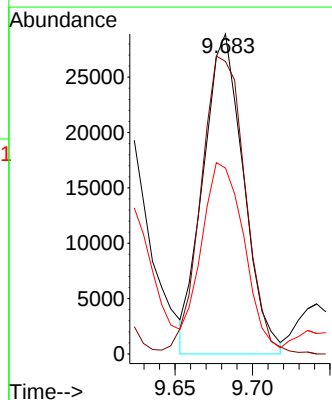
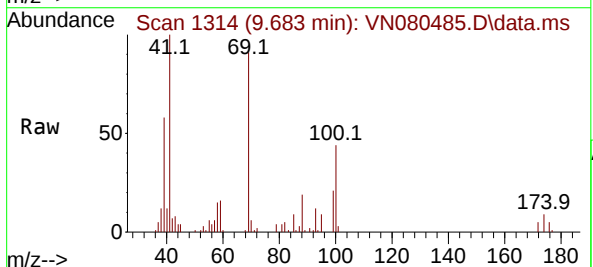
Manual Integrations  
APPROVED

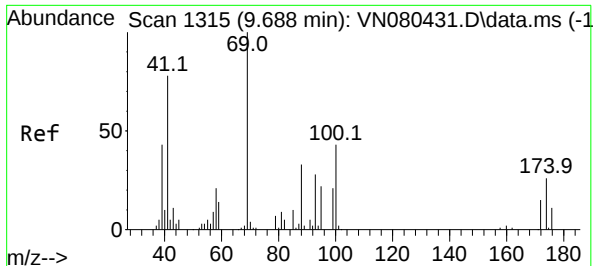
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#48  
Methyl methacrylate  
Concen: 16.982 ug/l  
RT: 9.683 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 41 Resp: 52353  
Ion Ratio Lower Upper  
41 100  
69 101.7 90.4 135.6  
39 63.6 54.6 81.8





#49

1,4-Dioxane

Concen: 370.206 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

VN1214WBSD02

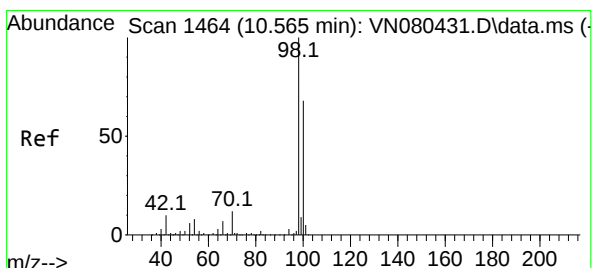
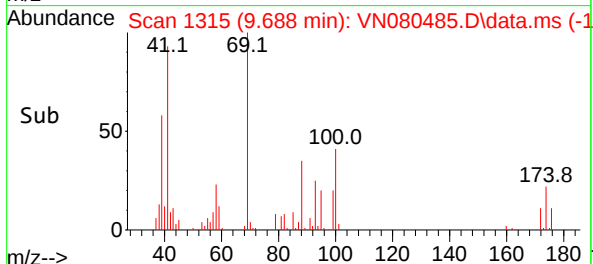
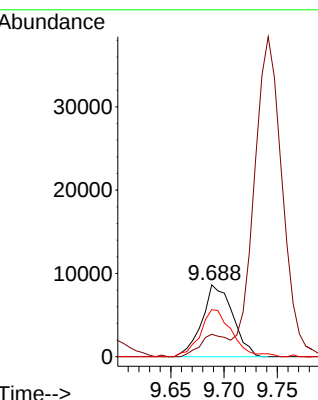
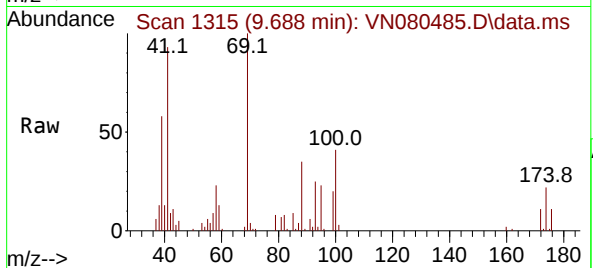
Tgt Ion: 88 Resp: 17299  
 Ion Ratio Lower Upper  
 88 100  
 43 28.7 17.0 25.6  
 58 67.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#50

Toluene-d8

Concen: 48.242 ug/l

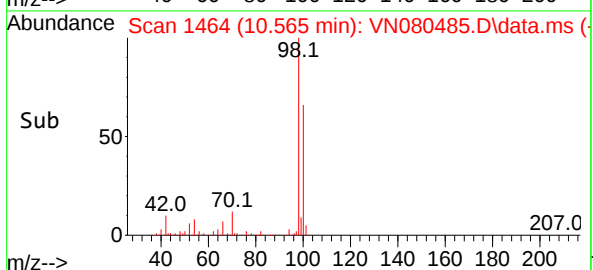
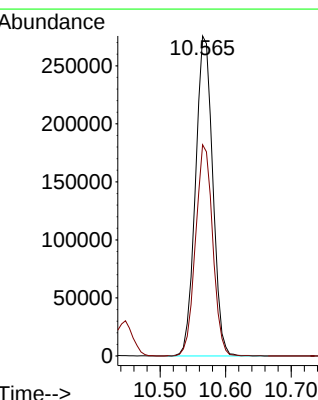
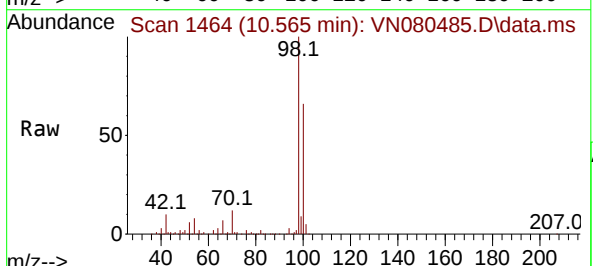
RT: 10.565 min Scan# 1464

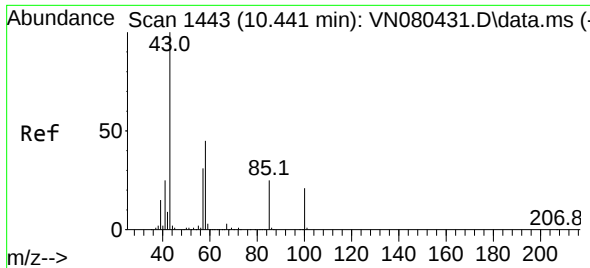
Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

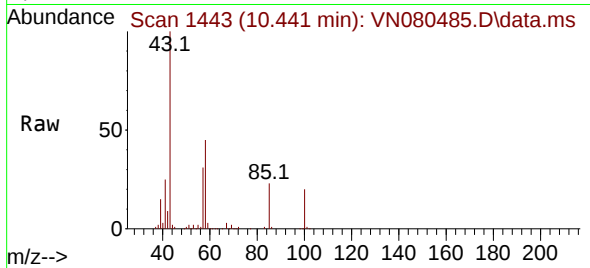
Tgt Ion: 98 Resp: 504877  
 Ion Ratio Lower Upper  
 98 100  
 100 65.7 52.0 78.0





#51  
4-Methyl-2-Pentanone  
Concen: 92.523 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

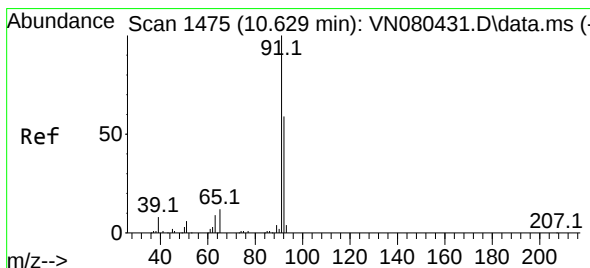
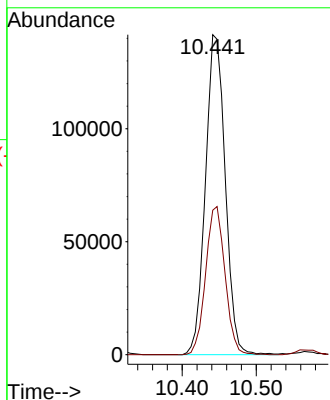
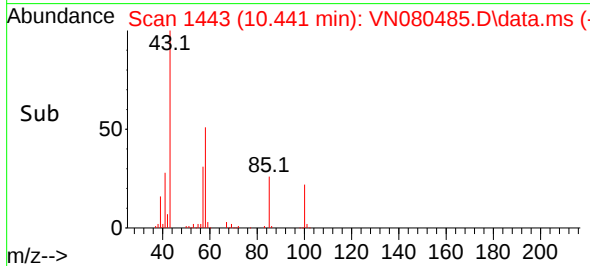
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



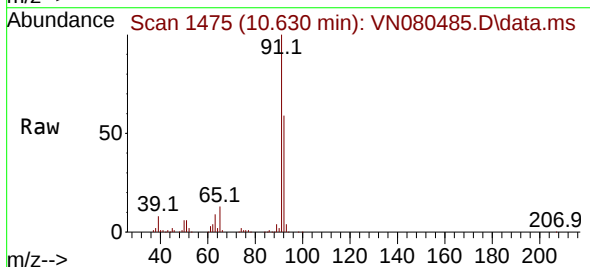
Tgt Ion: 43 Resp: 26324  
Ion Ratio Lower Upper  
43 100  
58 45.2 36.6 54.8

Manual Integrations  
APPROVED

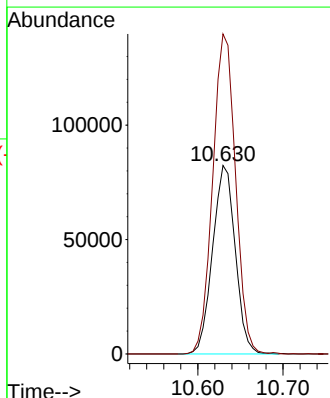
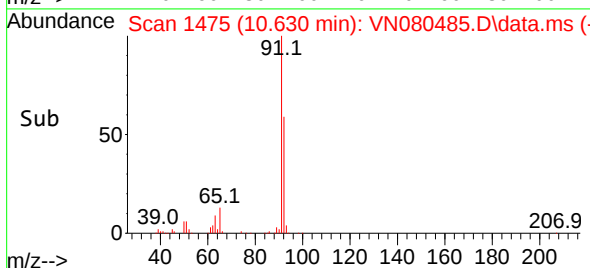
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023

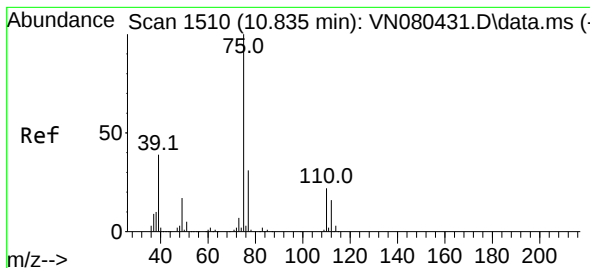


#52  
Toluene  
Concen: 18.199 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



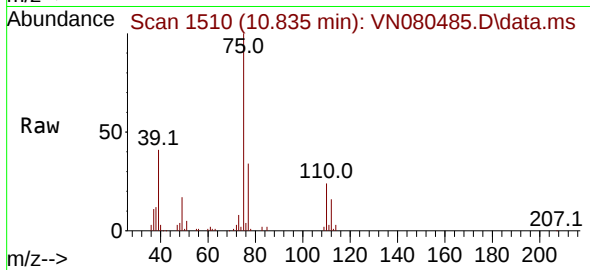
Tgt Ion: 92 Resp: 152322  
Ion Ratio Lower Upper  
92 100  
91 171.3 137.4 206.0





#53  
t-1,3-Dichloropropene  
Concen: 17.962 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

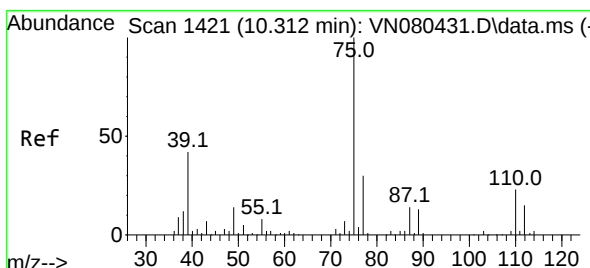
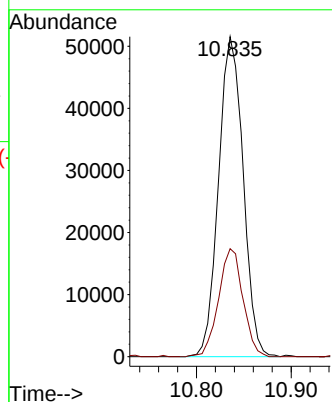
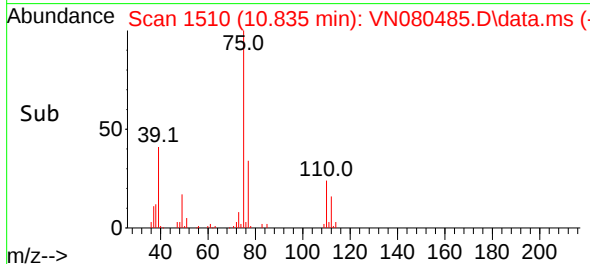
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



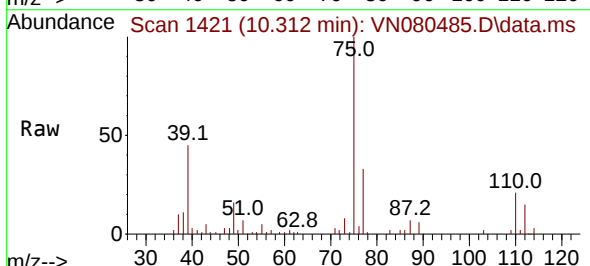
Tgt Ion: 75 Resp: 93078  
Ion Ratio Lower Upper  
75 100  
77 33.8 25.4 38.0

Manual Integrations  
APPROVED

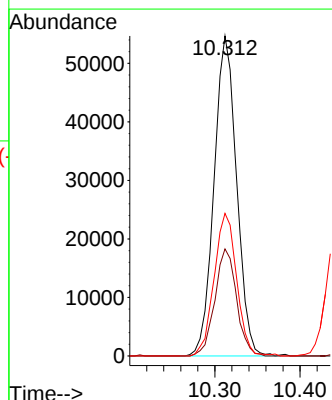
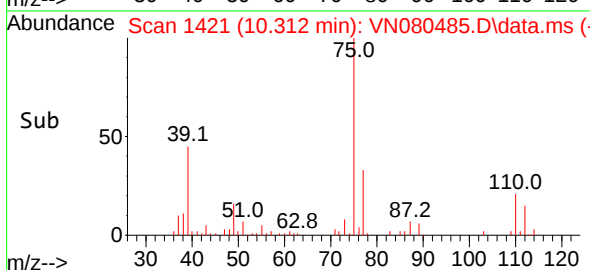
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023

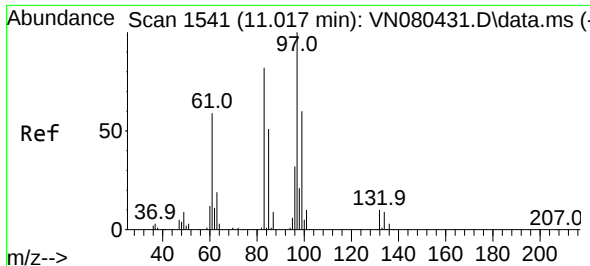


#54  
cis-1,3-Dichloropropene  
Concen: 18.148 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



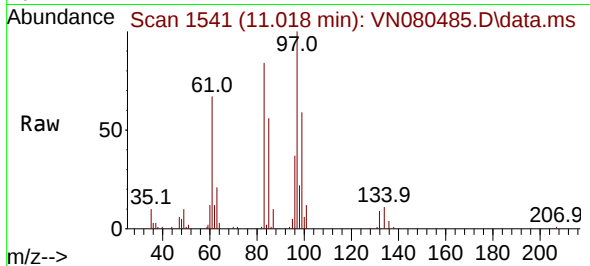
Tgt Ion: 75 Resp: 100515  
Ion Ratio Lower Upper  
75 100  
77 33.5 26.1 39.1  
39 44.6 31.6 47.4





#55  
1,1,2-Trichloroethane  
Concen: 18.734 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

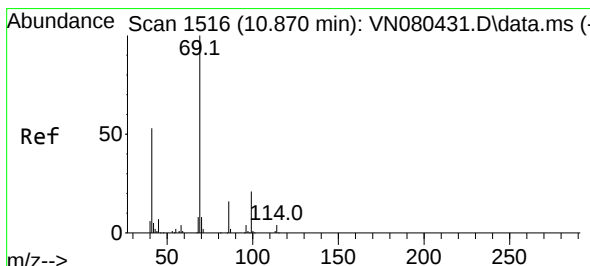
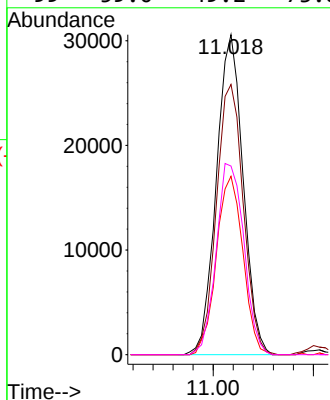
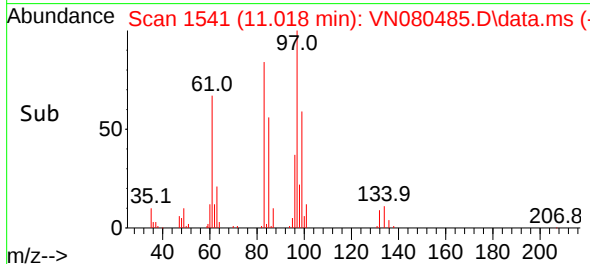
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 56420 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 84.5     | 65.1 97.7   |
| 85 55.8     | 43.4 65.2   |
| 99 59.0     | 49.2 73.8   |

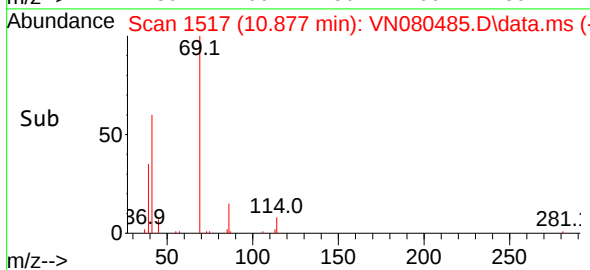
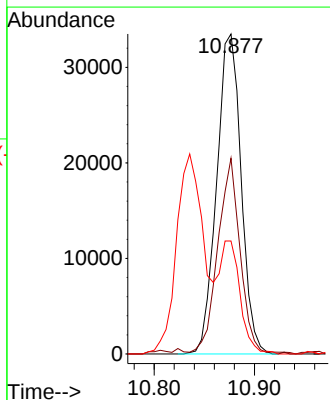
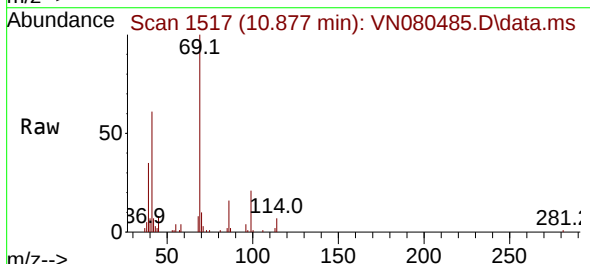
Manual Integrations  
APPROVED

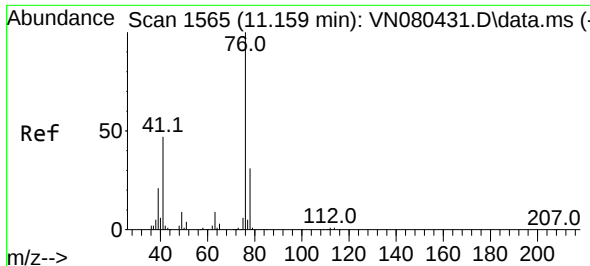
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#56  
Ethyl methacrylate  
Concen: 16.973 ug/l  
RT: 10.877 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 56596 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 56.1     | 39.6 59.4   |
| 39 30.3     | 28.6 43.0   |





#57

1,3-Dichloropropane

Concen: 18.542 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 76 Resp: 9789

Ion Ratio Lower Upper

76 100

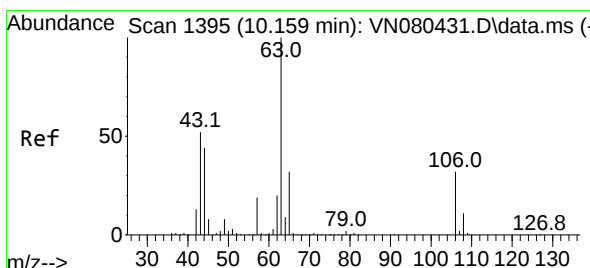
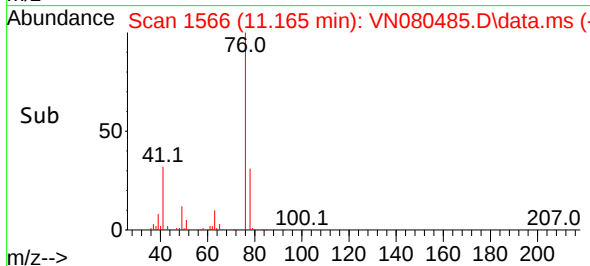
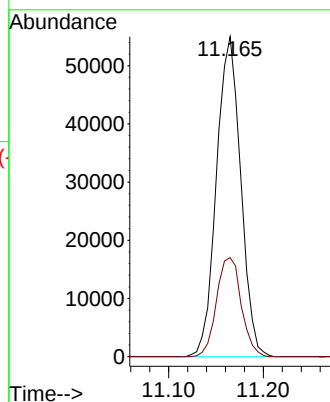
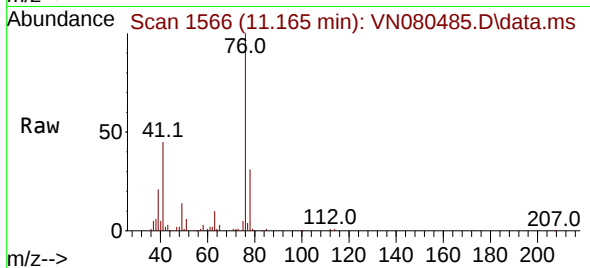
78 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 83.238 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080485.D

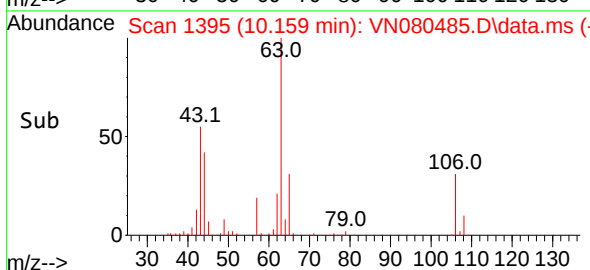
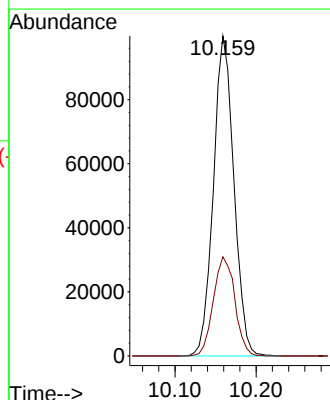
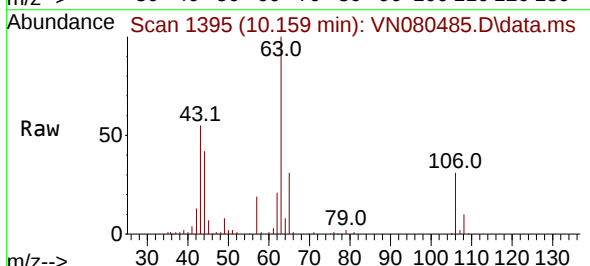
Acq: 14 Dec 2023 16:15

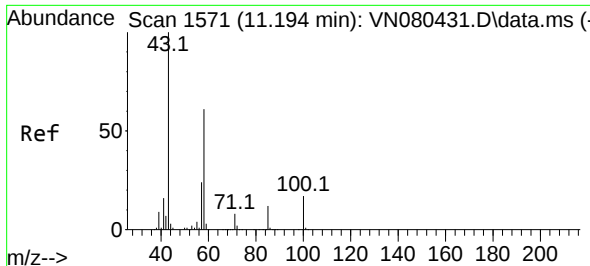
Tgt Ion: 63 Resp: 175215

Ion Ratio Lower Upper

63 100

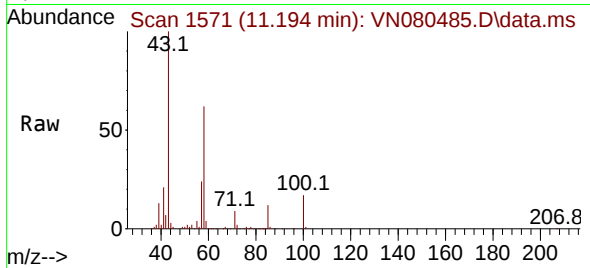
106 32.4 26.2 39.4





#59  
2-Hexanone  
Concen: 89.467 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

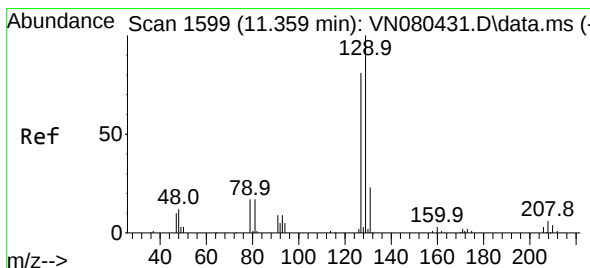
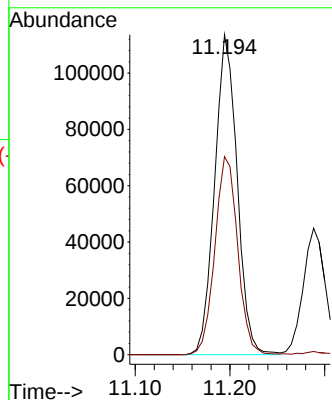
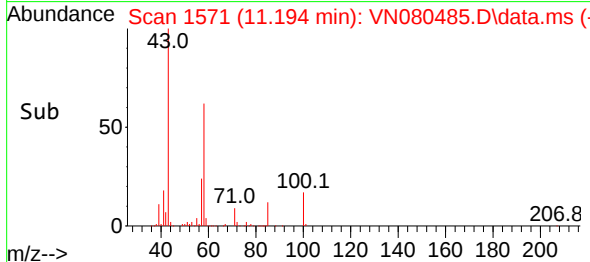
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



Tgt Ion: 43 Resp: 187919  
Ion Ratio Lower Upper  
43 100  
58 62.7 31.7 95.1

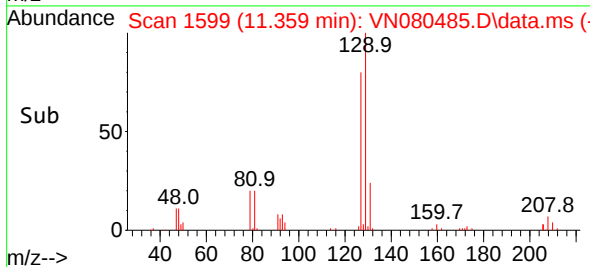
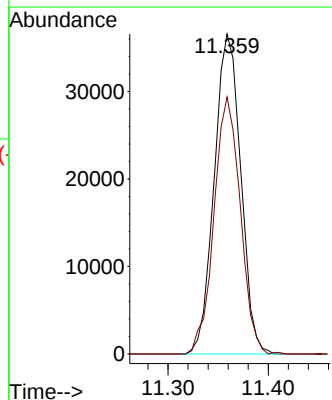
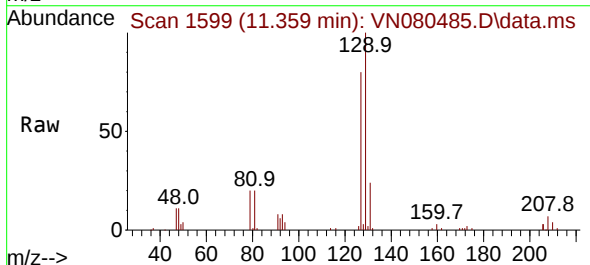
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#60  
Dibromochloromethane  
Concen: 18.824 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion:129 Resp: 67179  
Ion Ratio Lower Upper  
129 100  
127 79.8 38.6 116.0





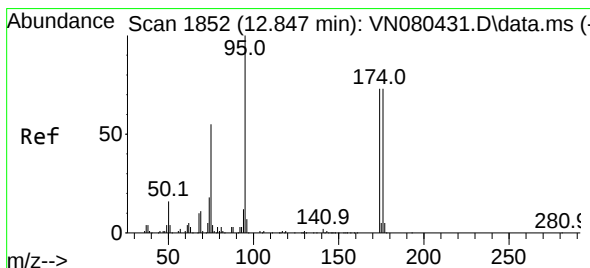
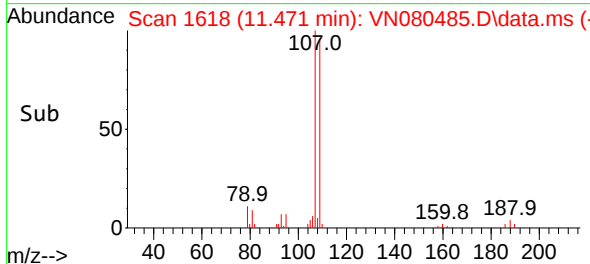
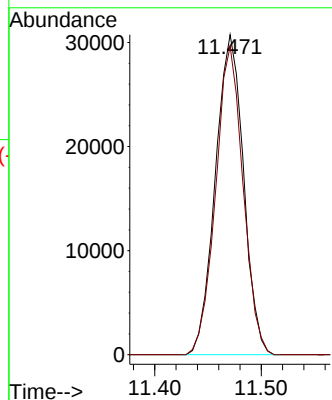
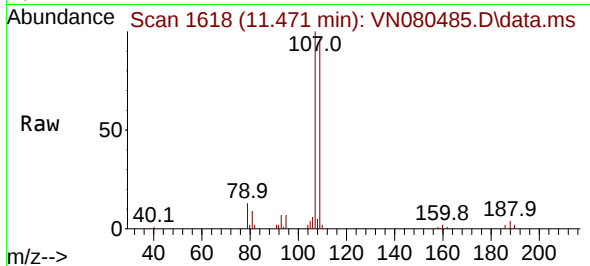
#61  
1,2-Dibromoethane  
Concen: 18.059 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02

Tgt Ion:107 Resp: 56290  
Ion Ratio Lower Upper  
107 100  
109 94.1 76.6 114.8

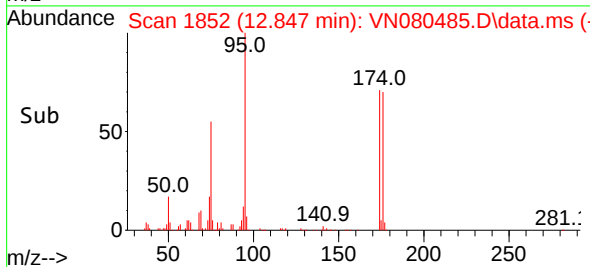
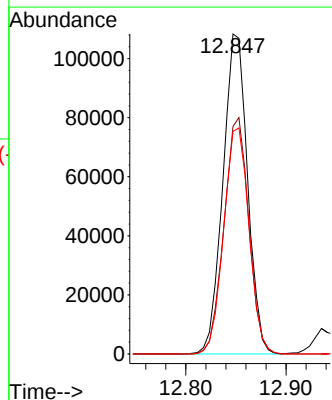
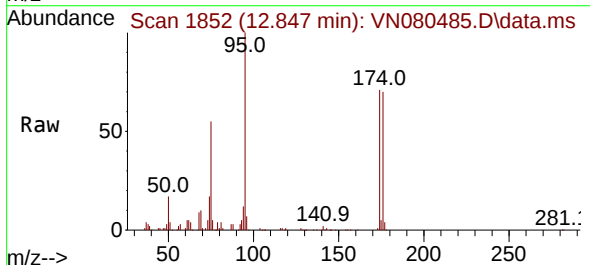
Manual Integrations  
APPROVED

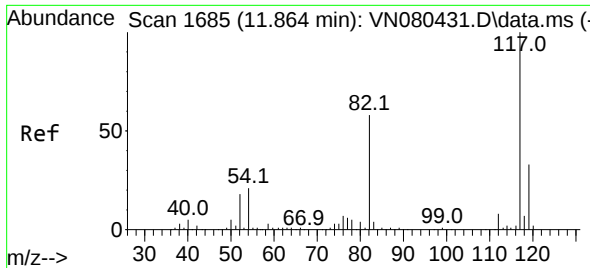
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#62  
4-Bromofluorobenzene  
Concen: 46.525 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

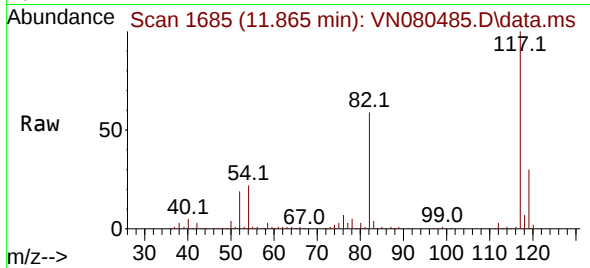
Tgt Ion: 95 Resp: 184893  
Ion Ratio Lower Upper  
95 100  
174 74.3 0.0 143.8  
176 72.5 0.0 135.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

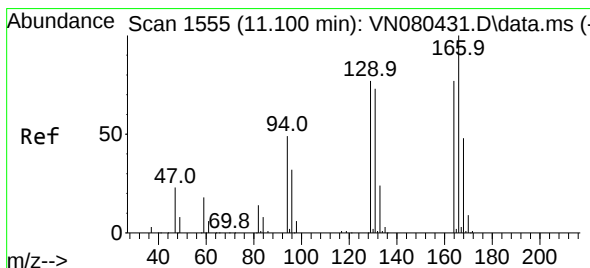
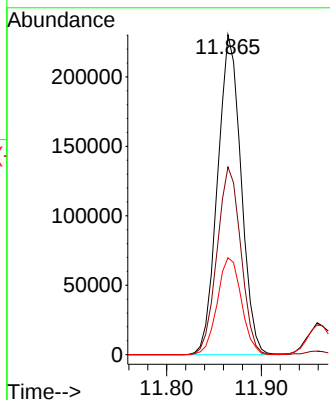
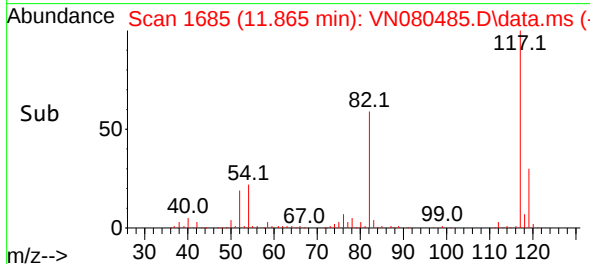
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



Tgt Ion:117 Resp: 396958  
Ion Ratio Lower Upper  
117 100  
82 58.6 44.0 66.0  
119 30.3 25.6 38.4

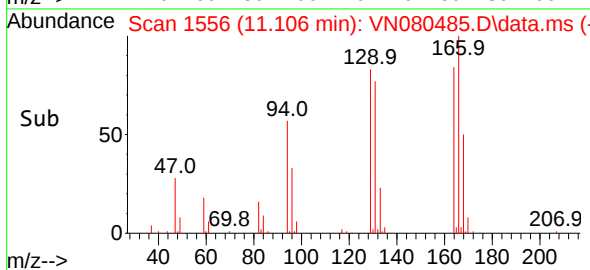
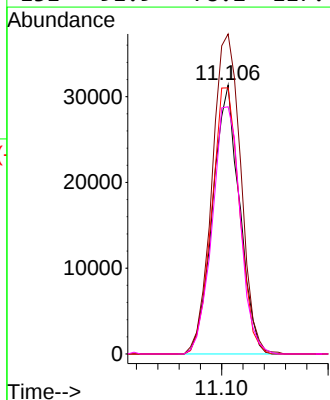
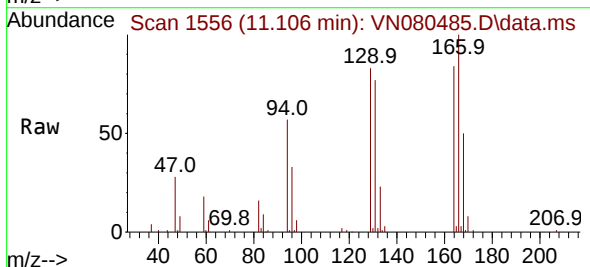
Manual Integrations  
APPROVED

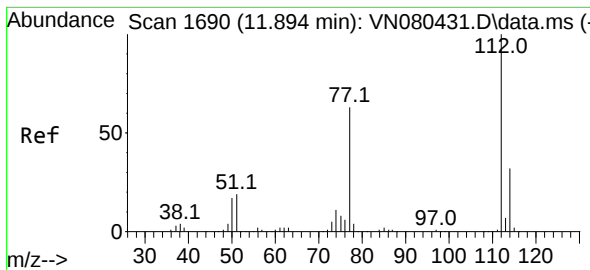
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#64  
Tetrachloroethene  
Concen: 17.888 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion:164 Resp: 54824  
Ion Ratio Lower Upper  
164 100  
166 119.0 101.4 152.0  
129 99.0 82.4 123.6  
131 91.9 78.2 117.4





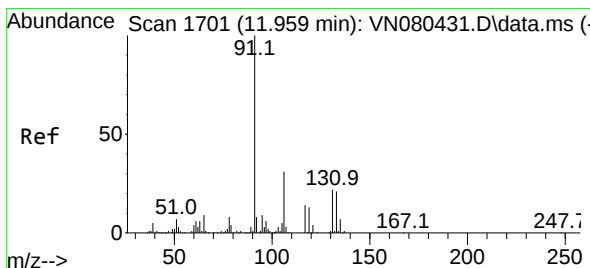
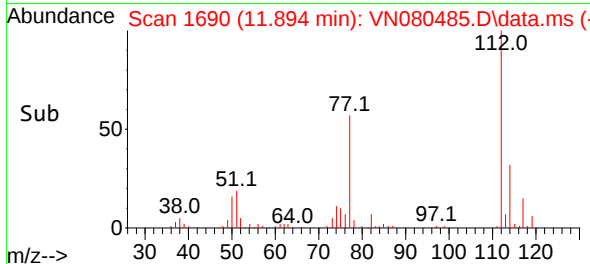
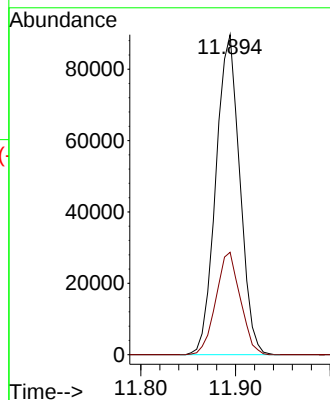
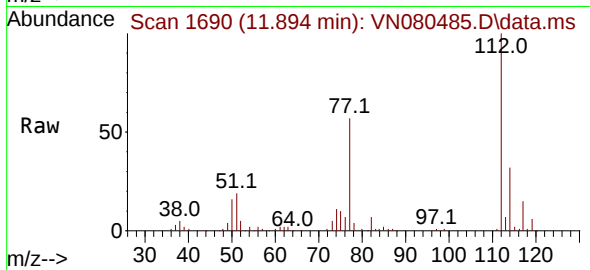
#65  
Chlorobenzene  
Concen: 17.829 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02

Tgt Ion:112 Resp: 157439  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.0 37.4

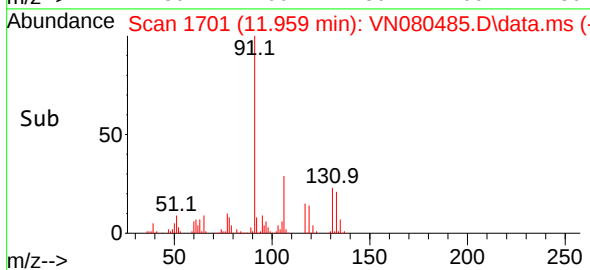
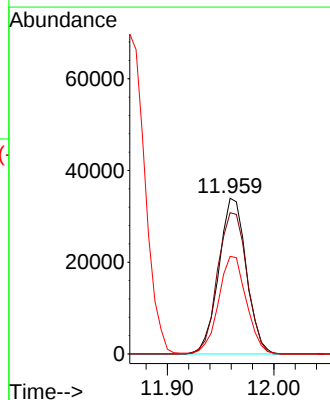
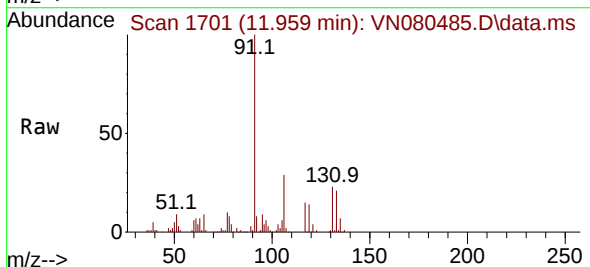
Manual Integrations  
APPROVED

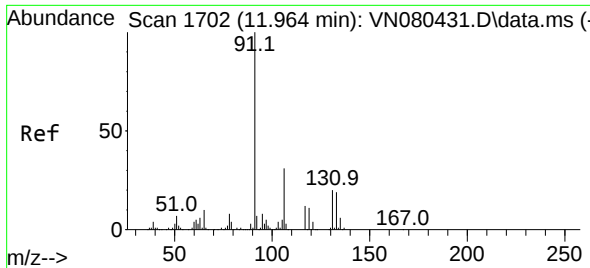
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.619 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

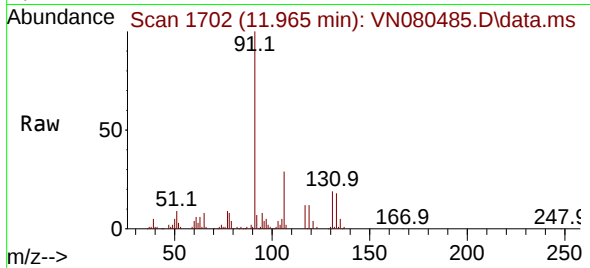
Tgt Ion:131 Resp: 61047  
Ion Ratio Lower Upper  
131 100  
133 96.3 46.4 139.1  
119 63.4 34.1 102.2





#67  
Ethyl Benzene  
Concen: 17.581 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

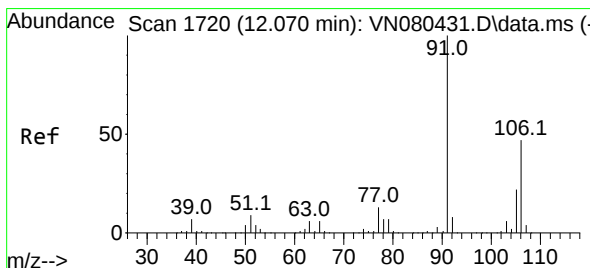
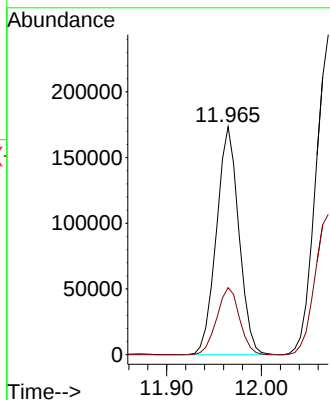
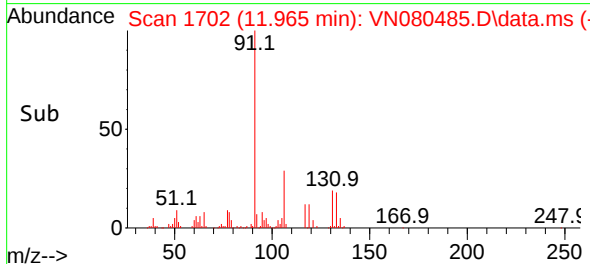
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



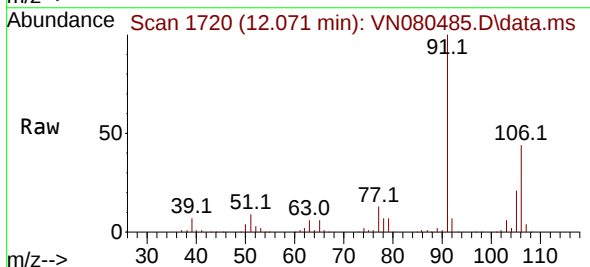
Tgt Ion: 91 Resp: 285468  
Ion Ratio Lower Upper  
91 100  
106 29.4 25.6 38.4

Manual Integrations  
APPROVED

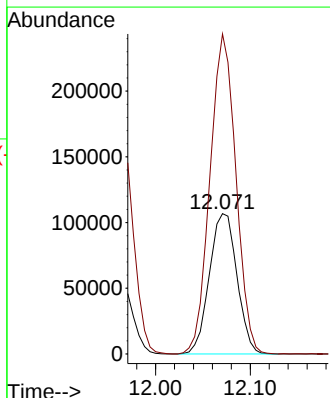
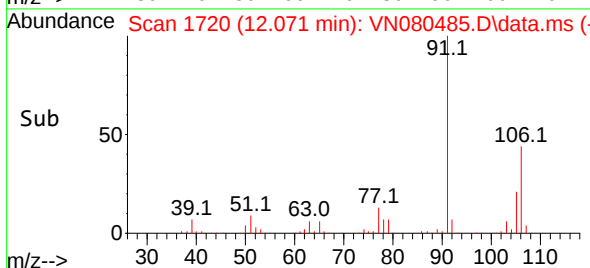
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023

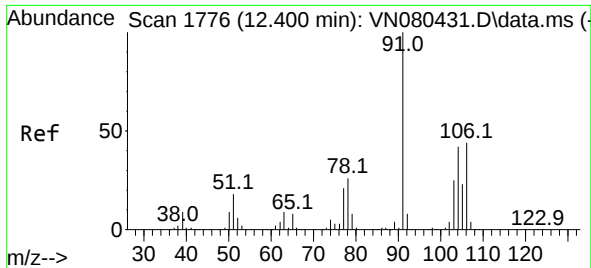


#68  
m/p-Xylenes  
Concen: 36.036 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



Tgt Ion:106 Resp: 216210  
Ion Ratio Lower Upper  
106 100  
91 214.7 159.6 239.4





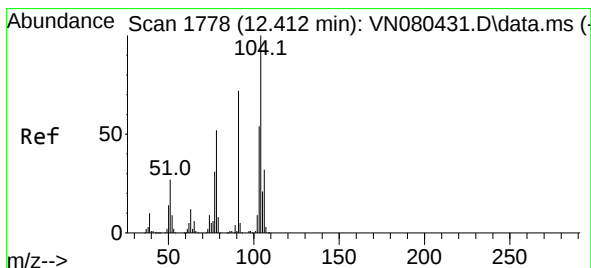
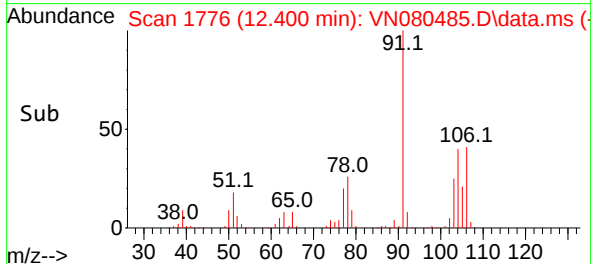
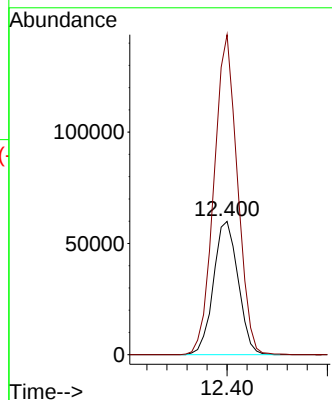
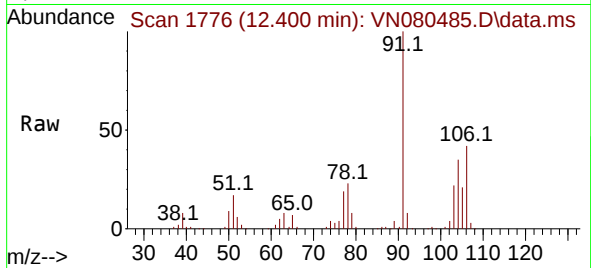
#69  
o-Xylene  
Concen: 17.411 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02

Tgt Ion:106 Resp: 102180  
Ion Ratio Lower Upper  
106 100  
91 228.9 105.2 315.5

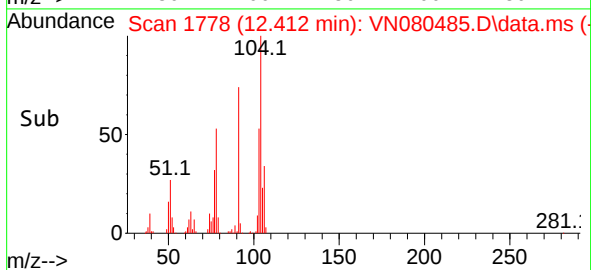
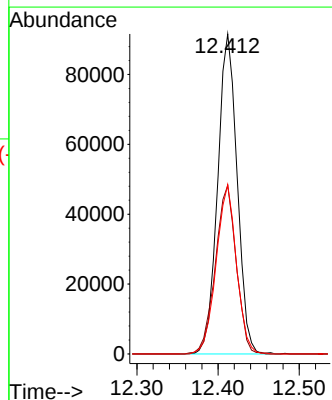
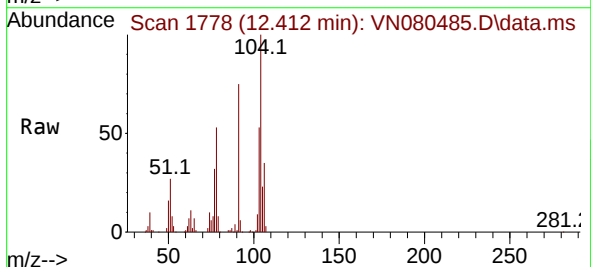
Manual Integrations  
APPROVED

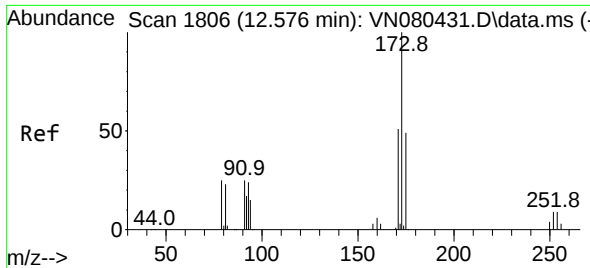
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#70  
Styrene  
Concen: 18.076 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion:104 Resp: 152805  
Ion Ratio Lower Upper  
104 100  
78 56.5 39.5 59.3  
103 55.1 43.2 64.8





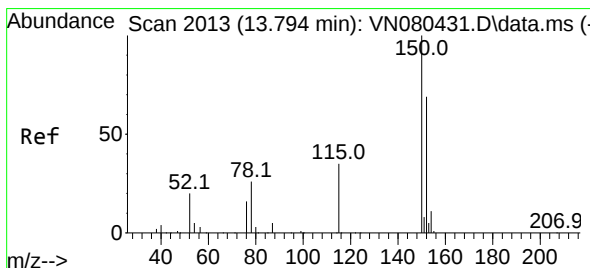
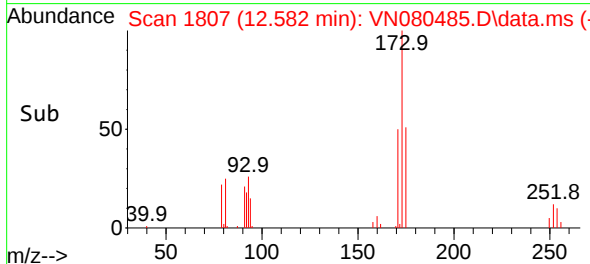
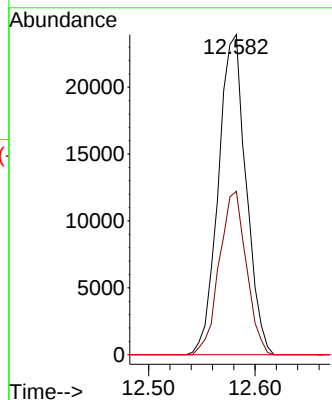
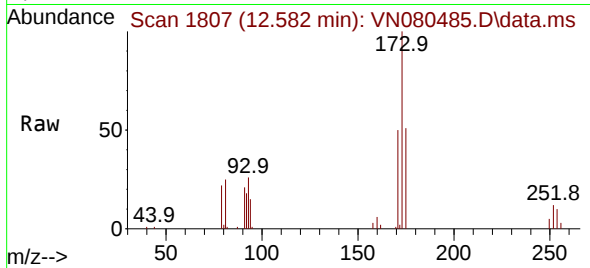
#71  
Bromoform  
Concen: 17.097 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02

Tgt Ion:173 Resp: 4320  
Ion Ratio Lower Upper  
173 100  
175 49.8 24.3 73.0  
254 0.0 0.0 0.0

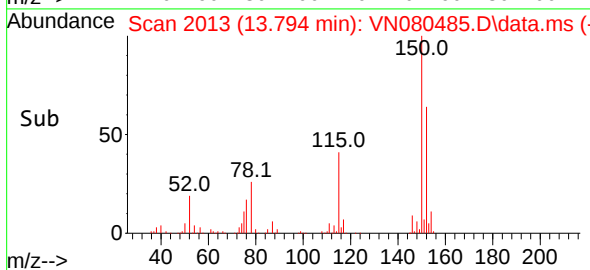
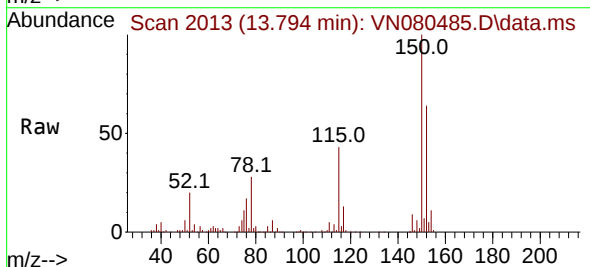
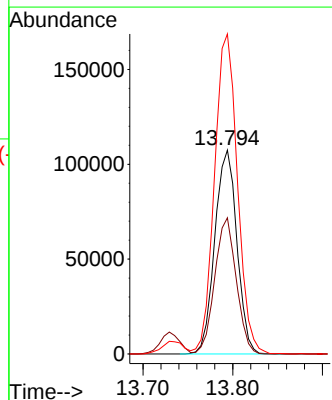
Manual Integrations  
APPROVED

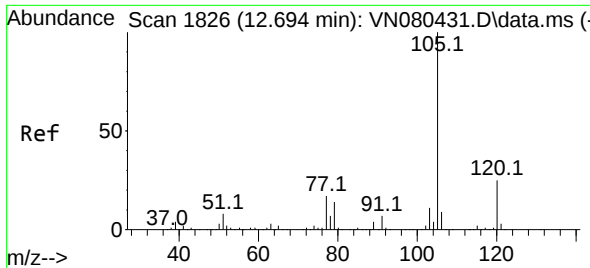
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

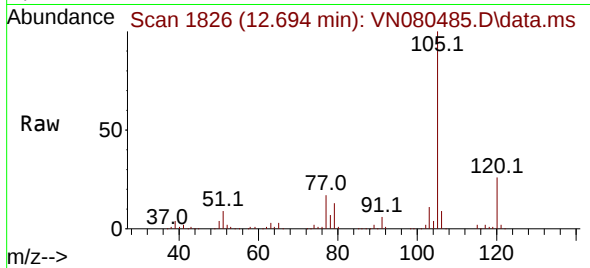
Tgt Ion:152 Resp: 183731  
Ion Ratio Lower Upper  
152 100  
115 65.2 32.3 96.8  
150 162.9 0.0 355.8





#73  
Isopropylbenzene  
Concen: 18.305 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

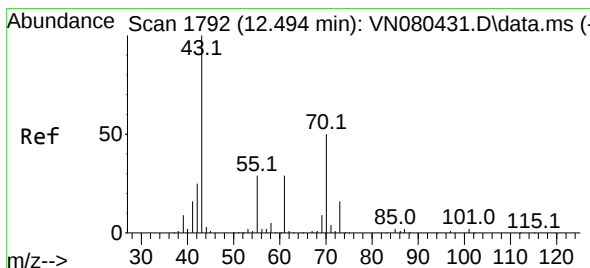
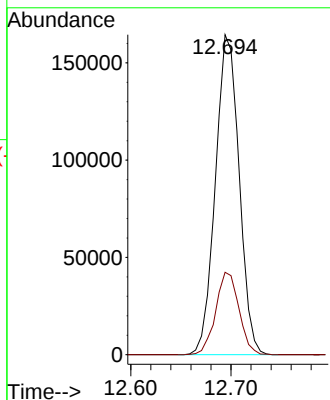
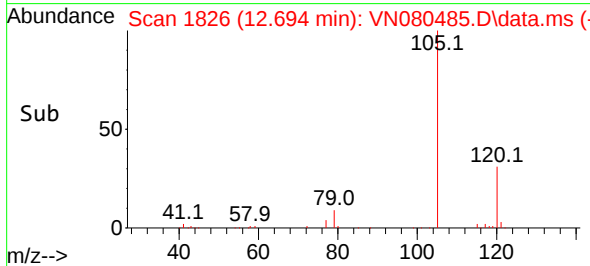
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



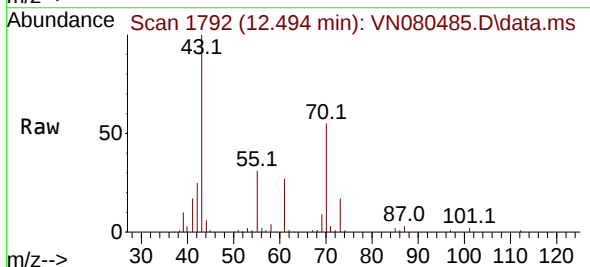
Tgt Ion:105 Resp: 27017  
Ion Ratio Lower Upper  
105 100  
120 25.2 13.1 39.1

Manual Integrations  
APPROVED

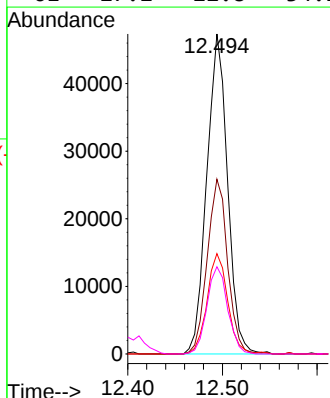
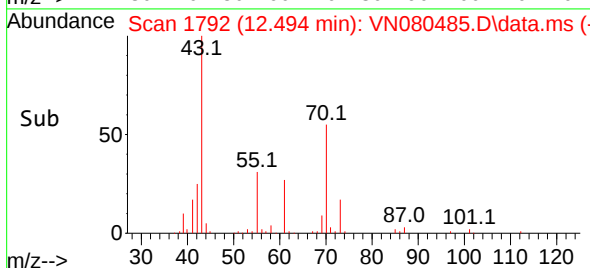
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023

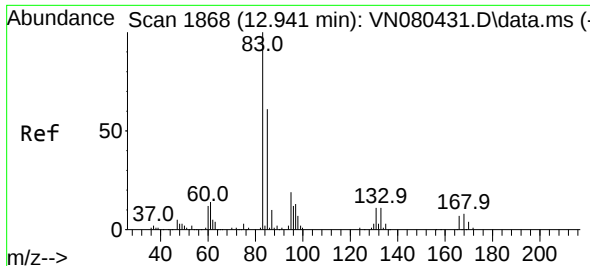


#74  
N-ethyl acetate  
Concen: 16.723 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



Tgt Ion: 43 Resp: 72078  
Ion Ratio Lower Upper  
43 100  
70 53.8 43.4 65.2  
55 31.3 21.4 32.0  
61 27.2 22.8 34.2





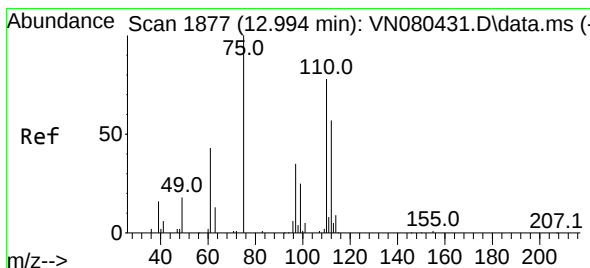
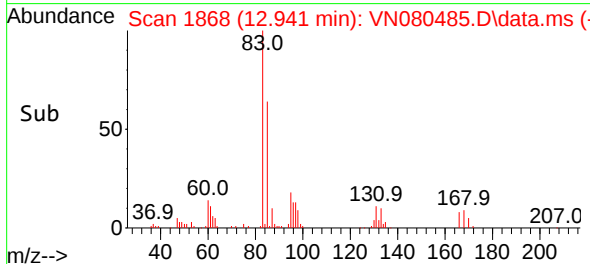
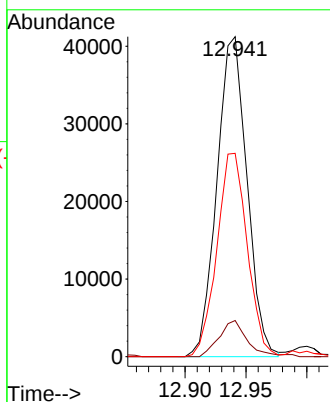
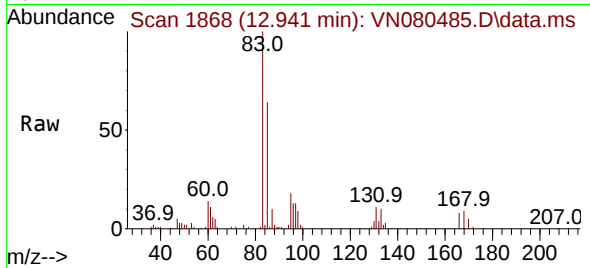
#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.924 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02

Tgt Ion: 83 Resp: 70890  
Ion Ratio Lower Upper  
83 100  
131 10.7 5.0 15.0  
85 64.2 31.9 95.7

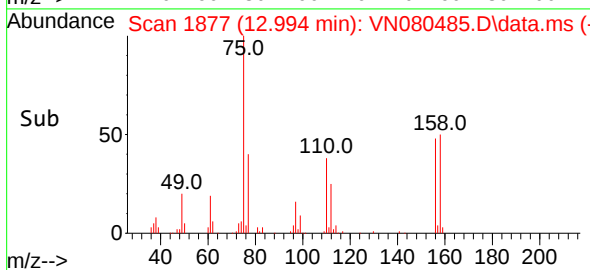
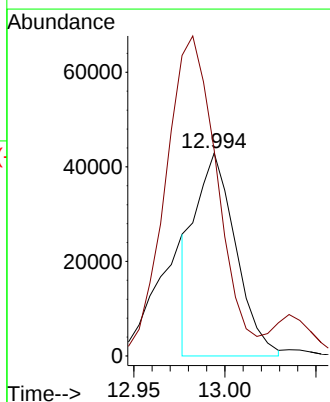
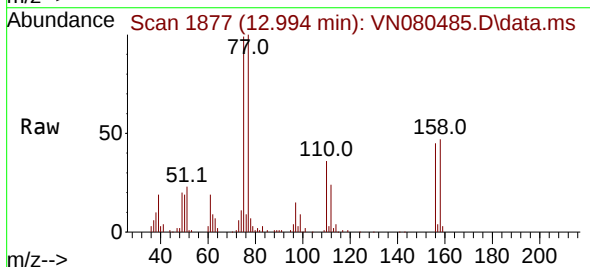
Manual Integrations  
APPROVED

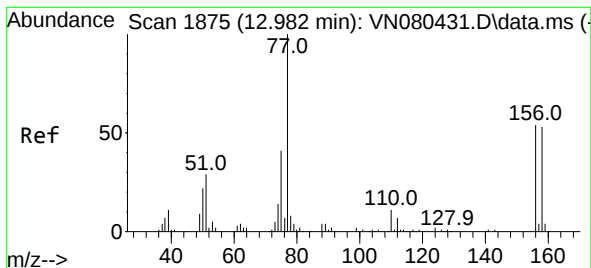
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#76  
1,2,3-Trichloropropane  
Concen: 18.116 ug/l m  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion: 75 Resp: 66403  
Ion Ratio Lower Upper  
75 100  
77 201.8 84.5 253.5





#77

Bromobenzene

Concen: 18.069 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

VN1214WBSD02

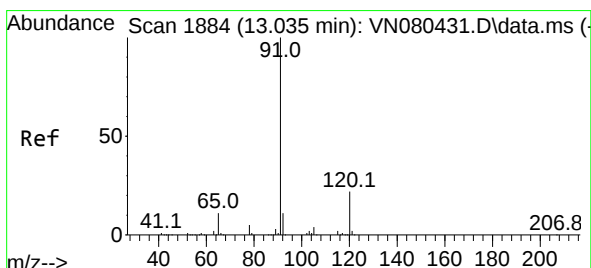
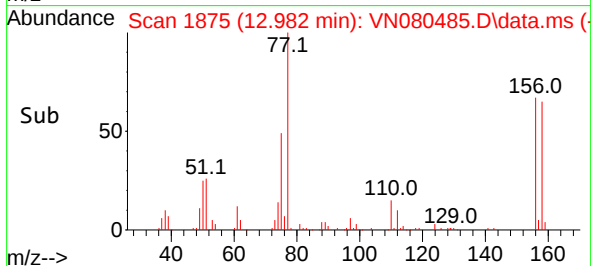
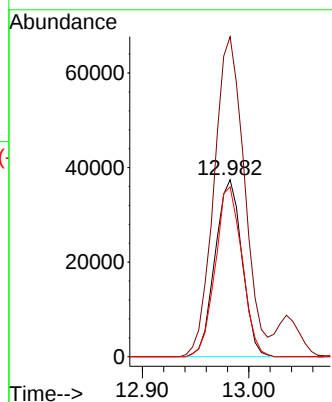
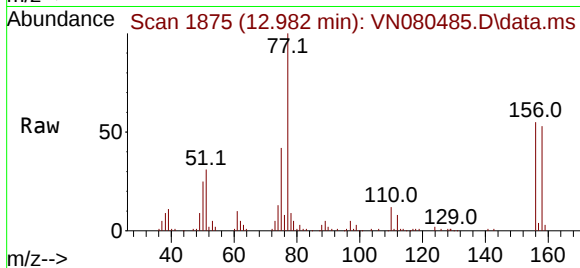
Tgt Ion:156 Resp: 65609  
 Ion Ratio Lower Upper  
 156 100  
 77 204.2 107.7 323.3  
 158 95.7 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#78

n-propylbenzene

Concen: 18.270 ug/l

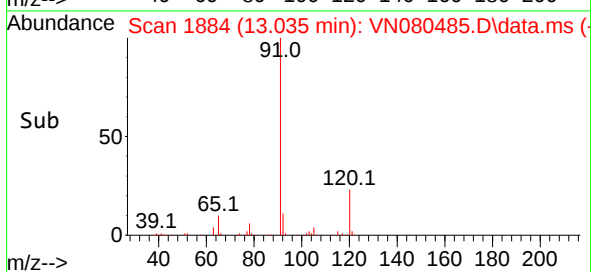
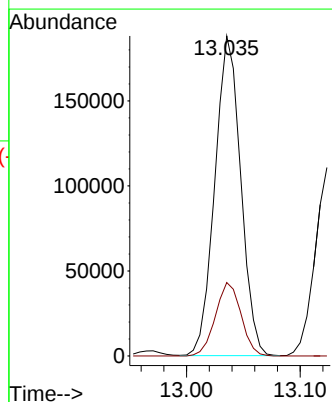
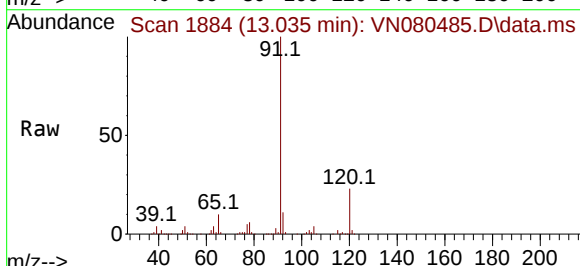
RT: 13.035 min Scan# 1884

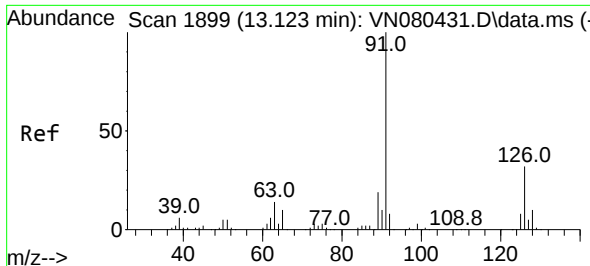
Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

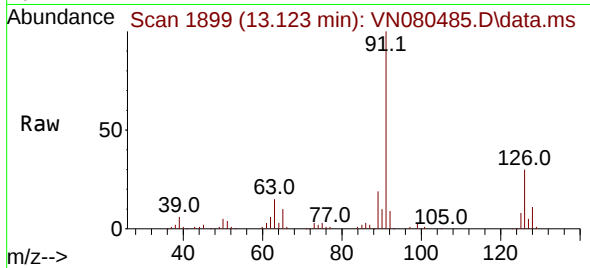
Tgt Ion: 91 Resp: 297310  
 Ion Ratio Lower Upper  
 91 100  
 120 22.7 11.5 34.4





#79  
2-Chlorotoluene  
Concen: 18.390 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

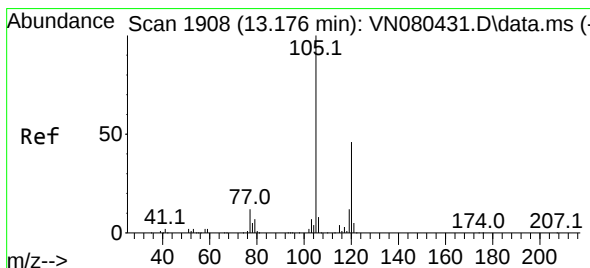
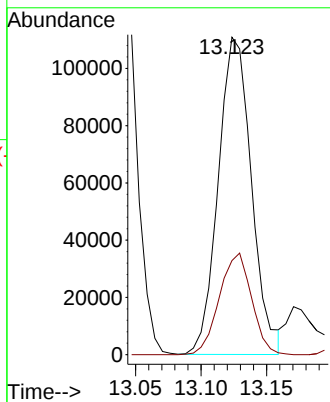
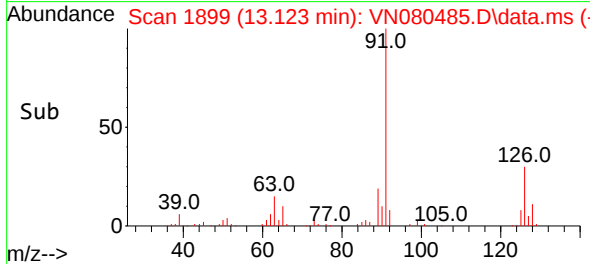
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



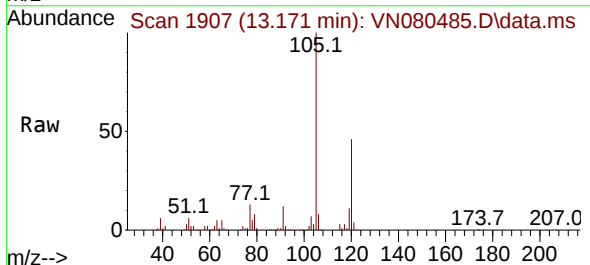
Tgt Ion: 91 Resp: 195378  
Ion Ratio Lower Upper  
91 100  
126 31.0 16.3 48.8

Manual Integrations  
APPROVED

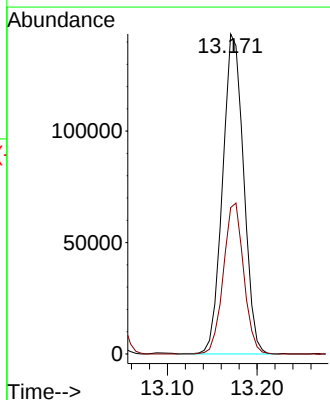
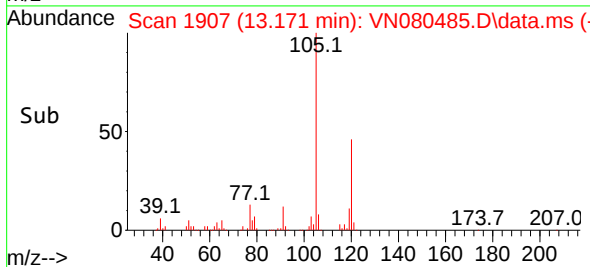
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023

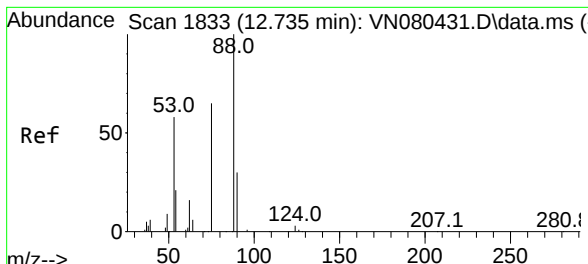


#80  
1,3,5-Trimethylbenzene  
Concen: 18.386 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



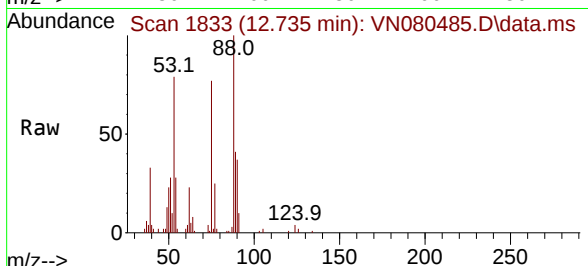
Tgt Ion:105 Resp: 233714  
Ion Ratio Lower Upper  
105 100  
120 45.5 24.1 72.3





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 19.481 ug/l  
 RT: 12.735 min Scan# 1833  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

Instrument : MSVOA\_N  
 ClientSampleId : VN1214WBSD02

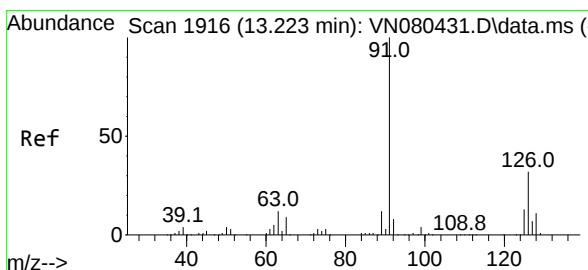
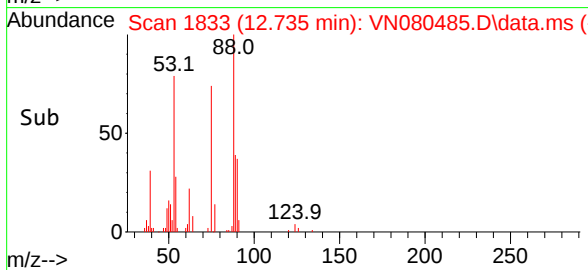
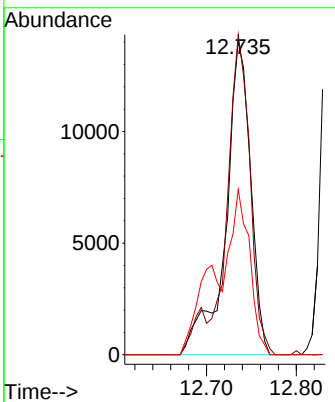


Tgt Ion: 75 Resp: 27190

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 90.4  | 67.4  | 101.2 |
| 89  | 41.9  | 38.8  | 58.2  |

Manual Integrations  
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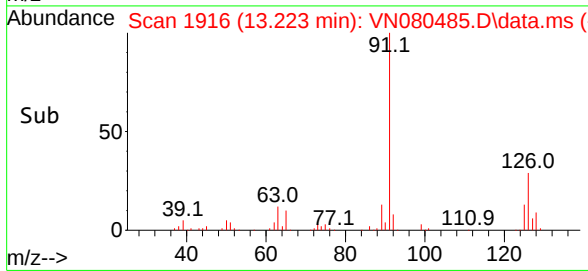
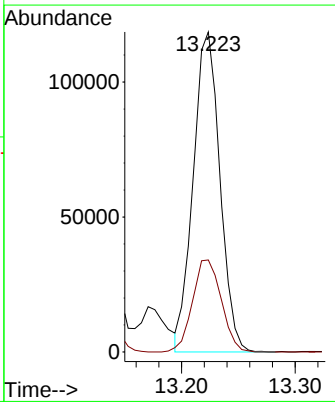
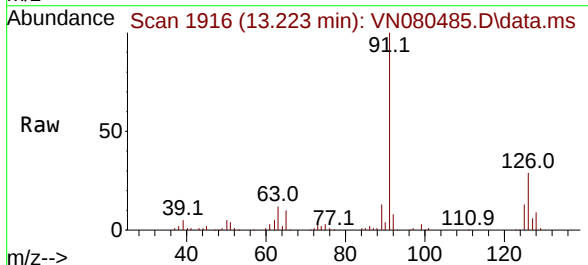
Reviewed By :John Carlone 12/15/2023  
 Supervised By :Mahesh Dadoda 12/15/2023

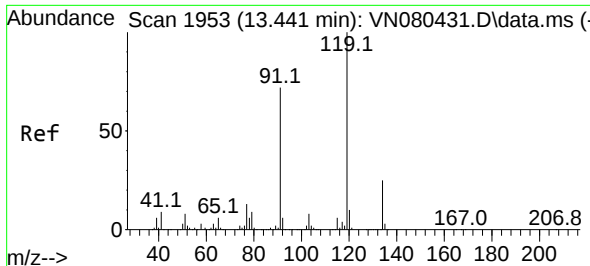


#82  
 4-Chlorotoluene  
 Concen: 17.715 ug/l  
 RT: 13.223 min Scan# 1916  
 Delta R.T. 0.000 min  
 Lab File: VN080485.D  
 Acq: 14 Dec 2023 16:15

Tgt Ion: 91 Resp: 193451

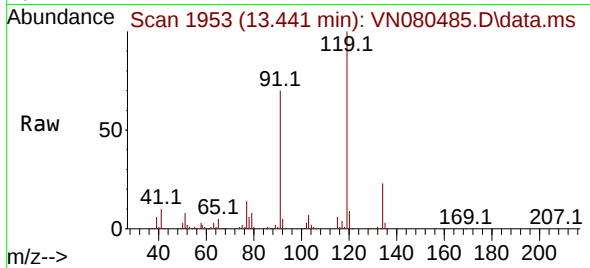
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 31.1  | 16.7  | 50.0  |





#83  
tert-Butylbenzene  
Concen: 17.969 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

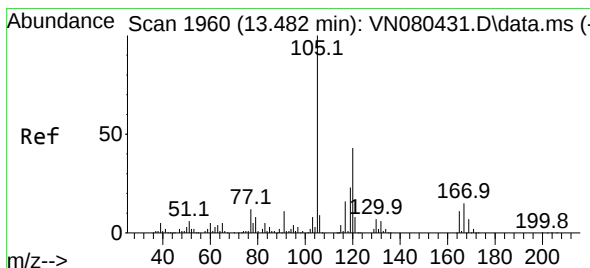
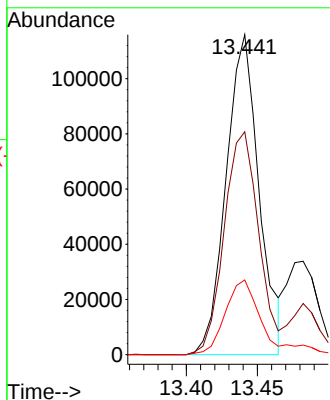
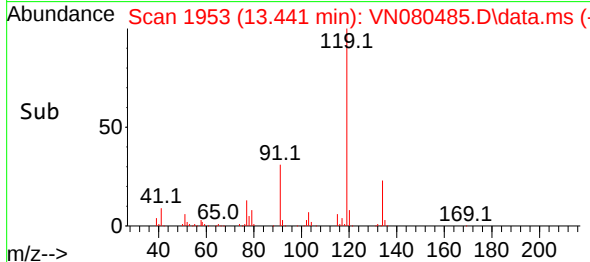
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



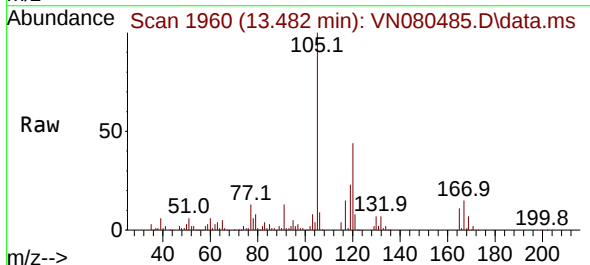
Tgt Ion:119 Resp: 187060  
Ion Ratio Lower Upper  
119 100  
91 72.8 33.9 101.7  
134 26.4 13.2 39.6

Manual Integrations  
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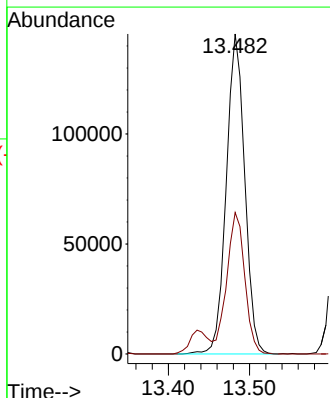
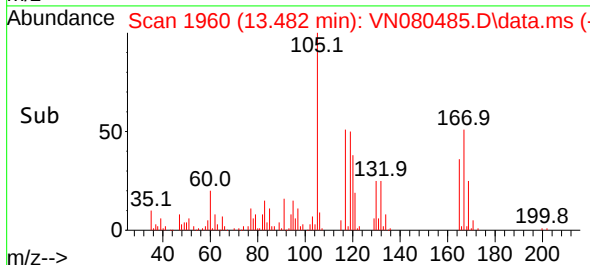
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023

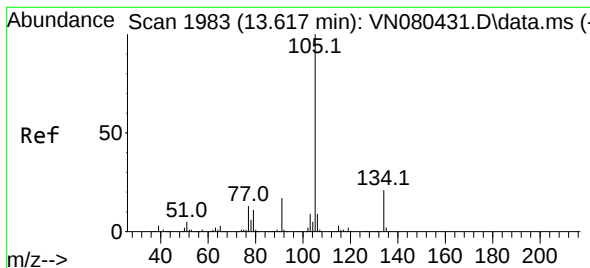


#84  
1,2,4-Trimethylbenzene  
Concen: 18.144 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



Tgt Ion:105 Resp: 229442  
Ion Ratio Lower Upper  
105 100  
120 43.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 17.946 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

VN1214WBSD02

Tgt Ion:105 Resp: 238990

Ion Ratio Lower Upper

105 100

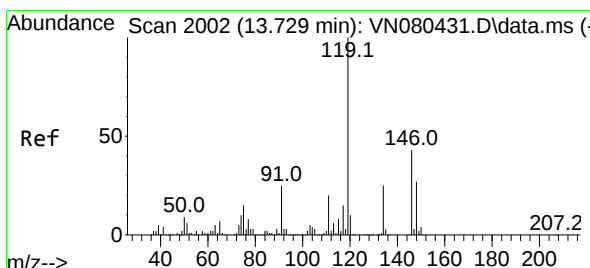
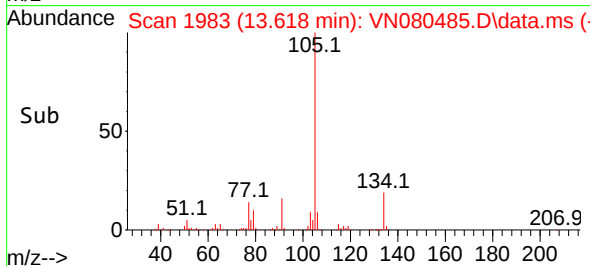
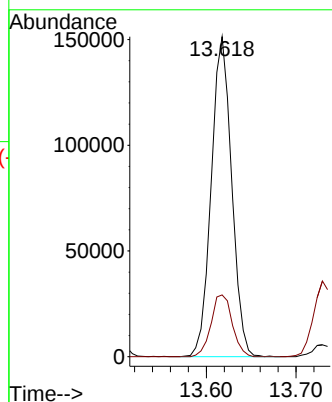
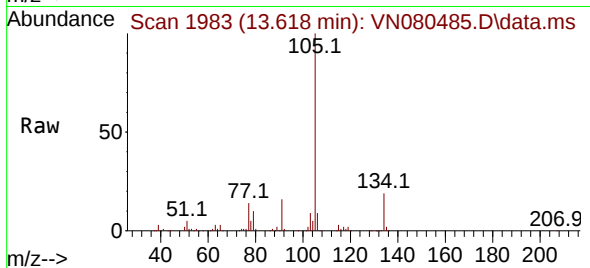
134 20.1 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#86

p-Isopropyltoluene

Concen: 18.036 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

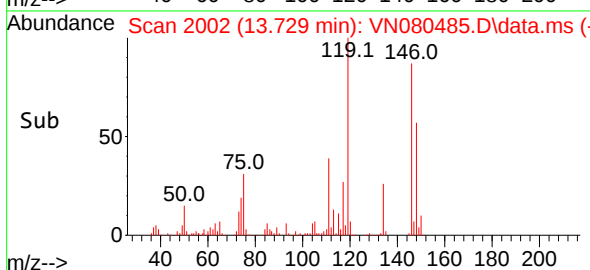
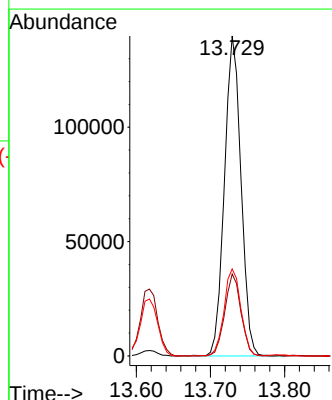
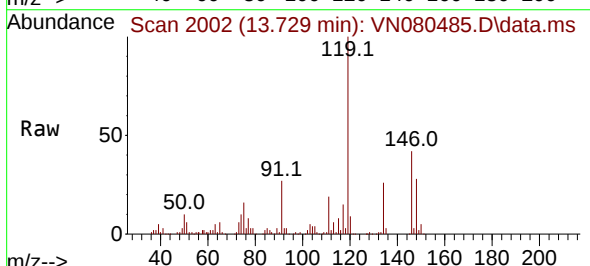
Tgt Ion:119 Resp: 216866

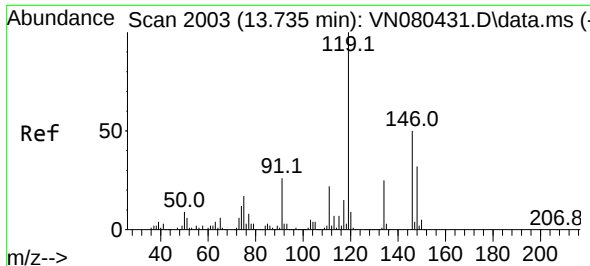
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

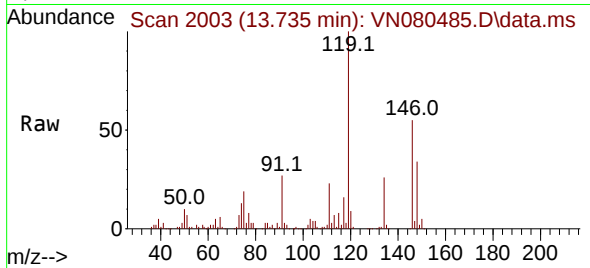
91 27.6 12.4 37.2





#87  
1,3-Dichlorobenzene  
Concen: 17.834 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

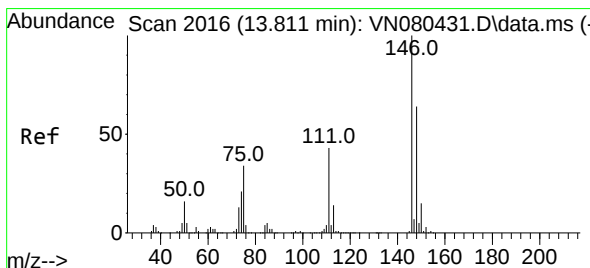
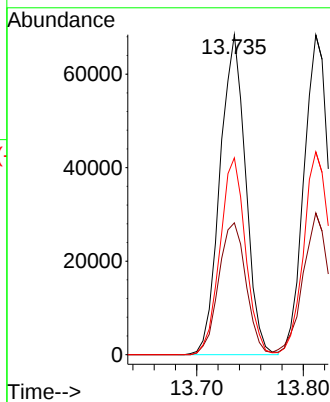
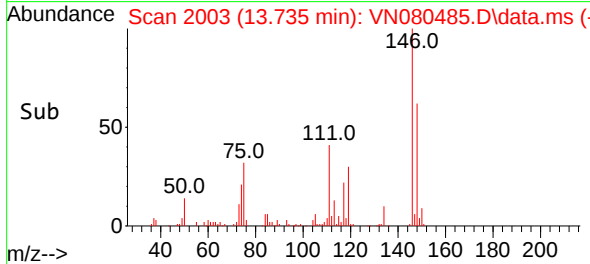
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



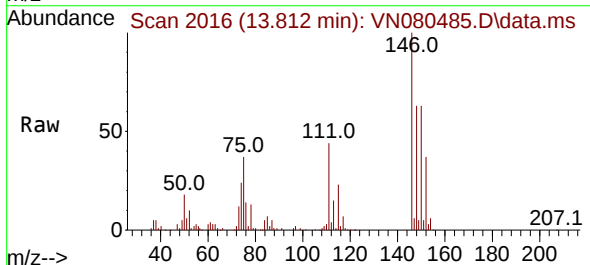
Tgt Ion:146 Resp: 114089  
Ion Ratio Lower Upper  
146 100  
111 44.1 22.1 66.3  
148 61.3 32.0 96.0

Manual Integrations  
APPROVED

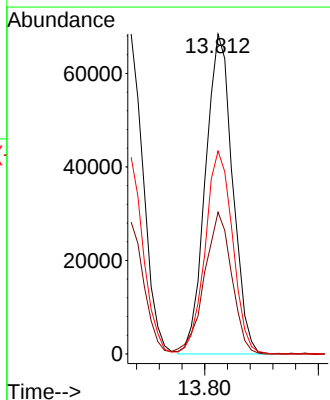
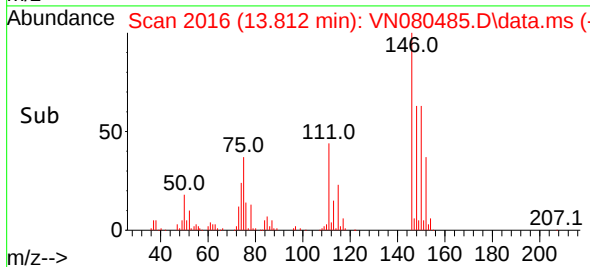
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023

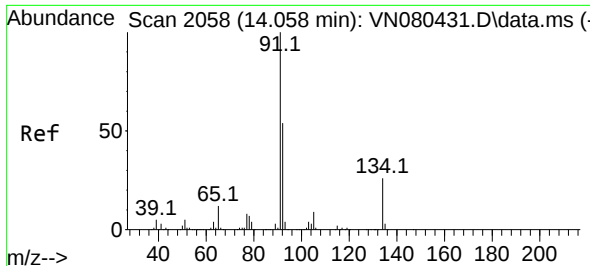


#88  
1,4-Dichlorobenzene  
Concen: 17.557 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15



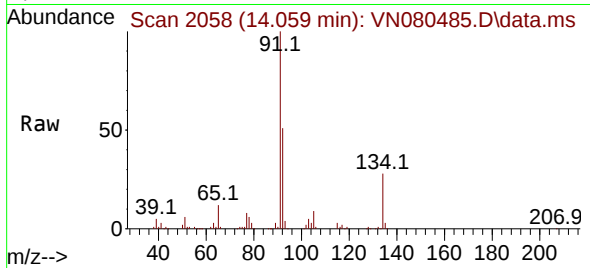
Tgt Ion:146 Resp: 113376  
Ion Ratio Lower Upper  
146 100  
111 44.8 20.6 61.8  
148 64.3 31.6 94.8





#89  
n-Butylbenzene  
Concen: 17.161 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

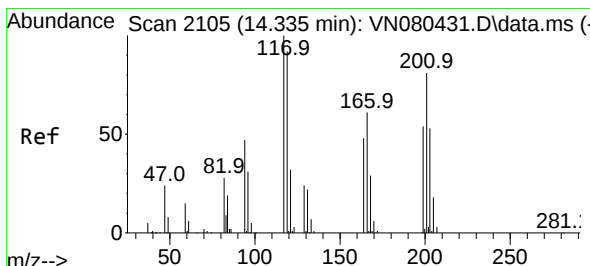
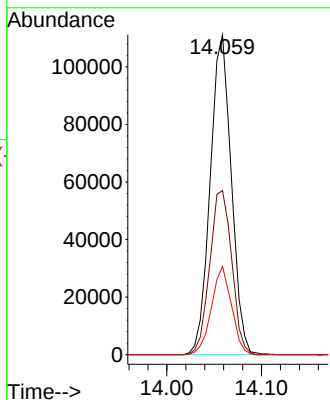
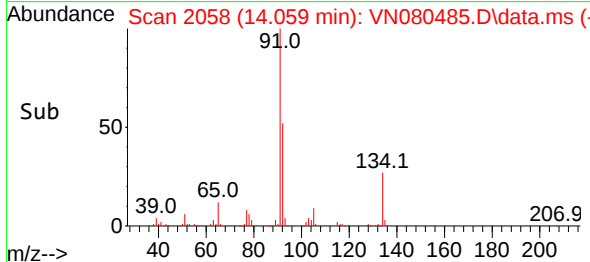
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



Tgt Ion: 91 Resp: 172328  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.4 79.0  
134 26.2 12.6 37.6

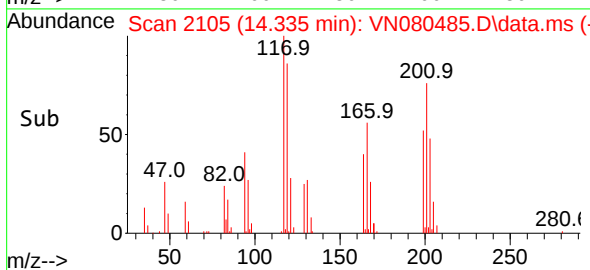
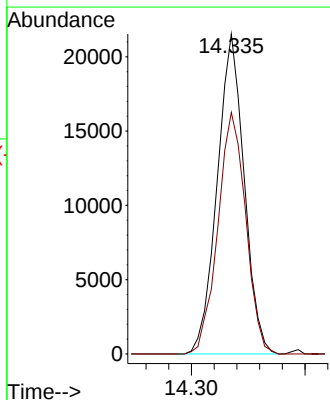
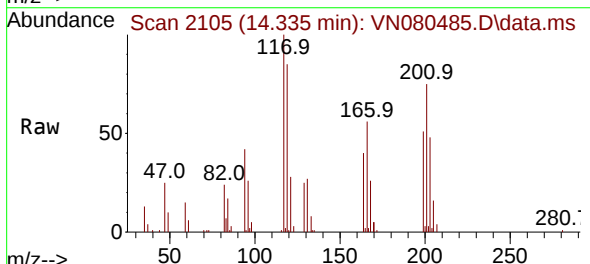
Manual Integrations  
APPROVED

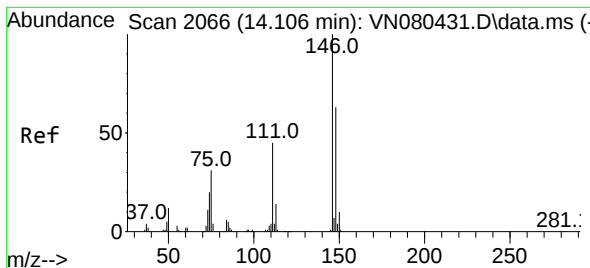
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#90  
Hexachloroethane  
Concen: 18.573 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion:117 Resp: 35467  
Ion Ratio Lower Upper  
117 100  
201 78.0 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 17.624 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Instrument :

MSVOA\_N

ClientSampleId :

VN1214WBSD02

Tgt Ion:146 Resp: 10705

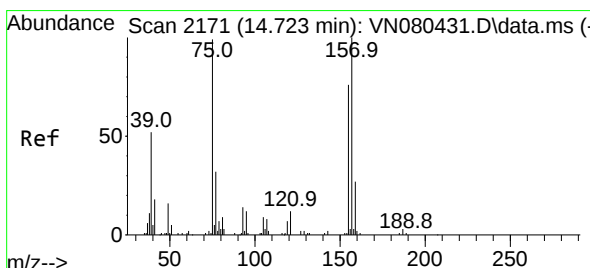
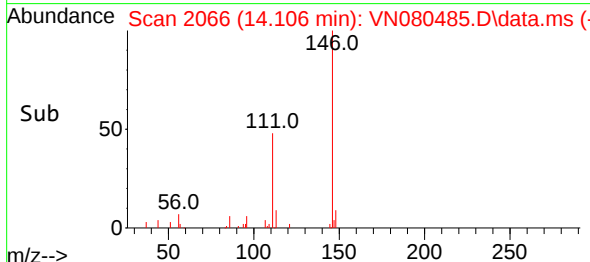
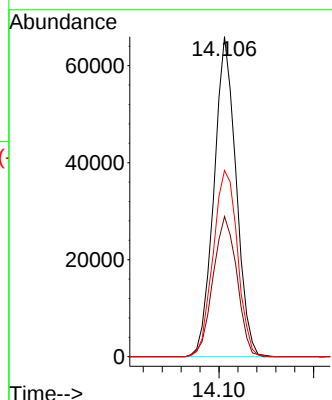
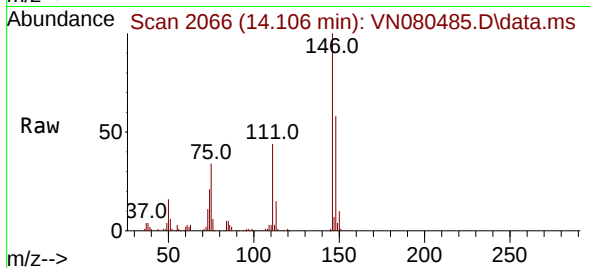
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 47.1  | 22.0  | 66.0  |
| 148 | 64.0  | 31.8  | 95.3  |

Manual Integrations

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Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.543 ug/l

RT: 14.723 min Scan# 2171

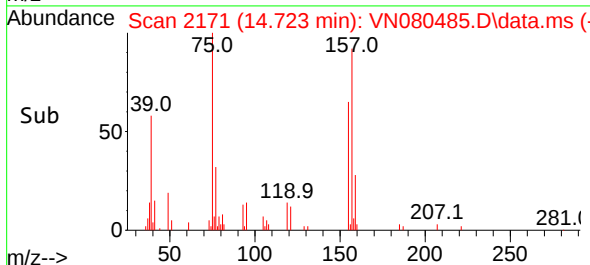
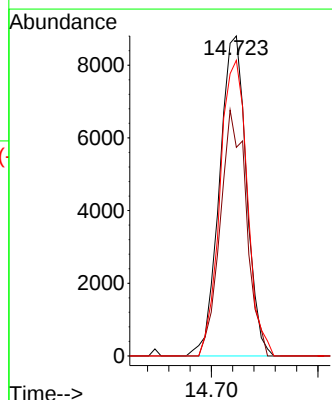
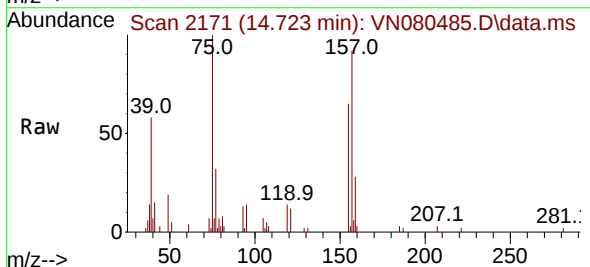
Delta R.T. 0.000 min

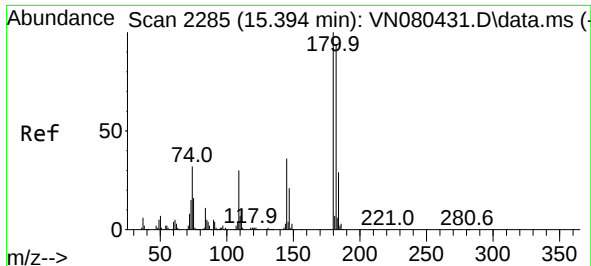
Lab File: VN080485.D

Acq: 14 Dec 2023 16:15

Tgt Ion: 75 Resp: 15426

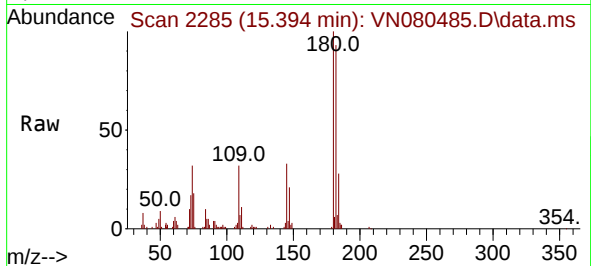
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 74.6  | 39.1  | 117.2 |
| 157 | 93.6  | 50.3  | 150.9 |





#93  
1,2,4-Trichlorobenzene  
Concen: 18.241 ug/l  
RT: 15.394 min Scan# 2285  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

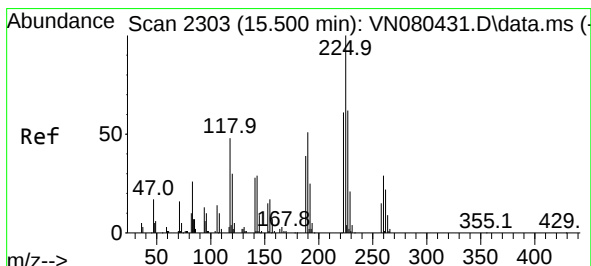
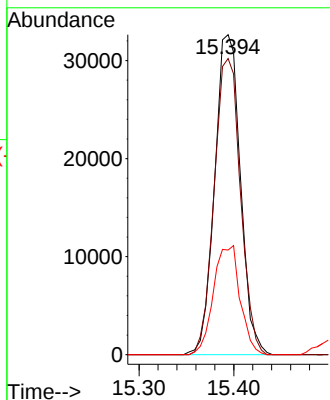
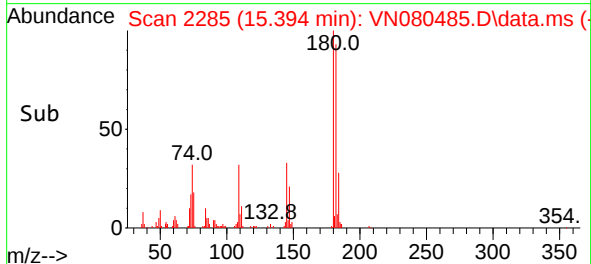
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



Tgt Ion:180 Resp: 61520  
Ion Ratio Lower Upper  
180 100  
182 94.5 46.1 138.2  
145 35.3 16.6 49.8

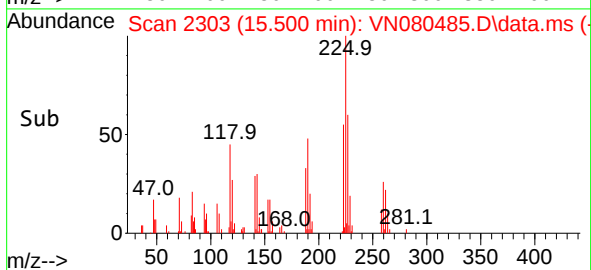
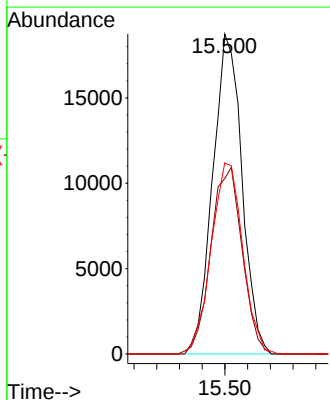
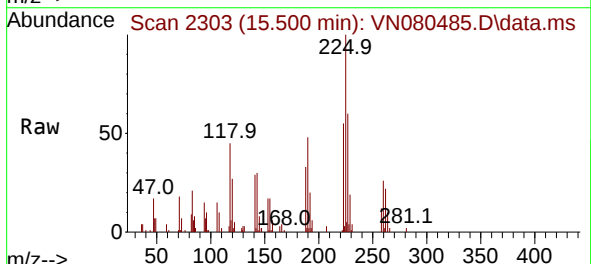
Manual Integrations  
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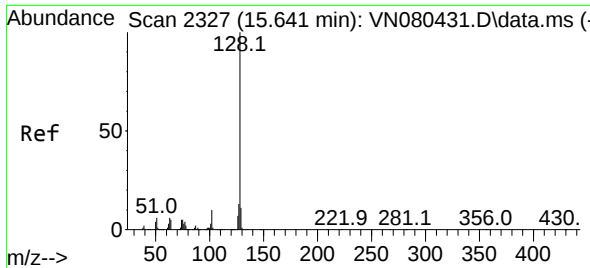
Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#94  
Hexachlorobutadiene  
Concen: 17.431 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

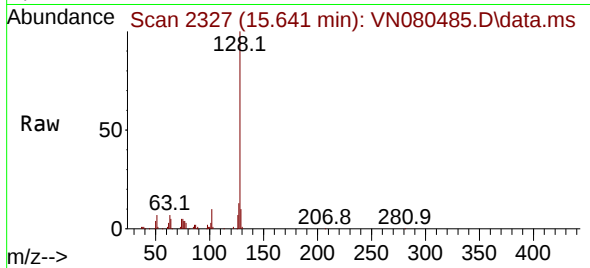
Tgt Ion:225 Resp: 33469  
Ion Ratio Lower Upper  
225 100  
223 62.4 31.3 93.8  
227 64.3 31.9 95.9





#95  
Naphthalene  
Concen: 17.260 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

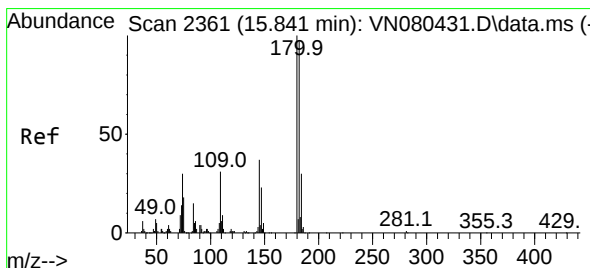
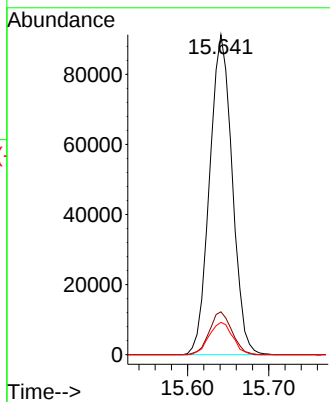
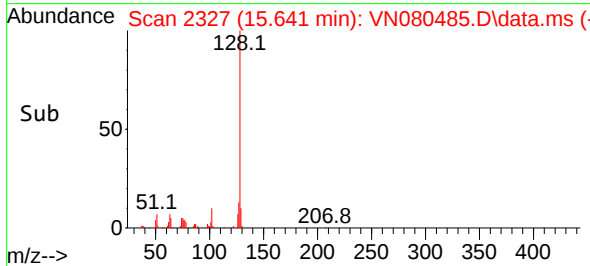
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1214WBSD02



Tgt Ion:128 Resp: 176760  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.0 15.0  
129 10.5 8.7 13.1

Manual Integrations  
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Reviewed By :John Carlone 12/15/2023  
Supervised By :Mahesh Dadoda 12/15/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 17.609 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VN080485.D  
Acq: 14 Dec 2023 16:15

Tgt Ion:180 Resp: 57310  
Ion Ratio Lower Upper  
180 100  
182 99.6 46.2 138.6  
145 36.4 17.5 52.6

