

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041822\  
 Data File : VN072036.D  
 Acq On : 18 Apr 2022 16:08  
 Operator : JC\MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/19/2022  
 Supervised By : Mahesh Dadoda 04/19/2022

Quant Time: Apr 19 01:19:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N032422W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Mar 24 12:03:44 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Bromochloromethane        | 7.651          | 128  | 77587      | 30.000  | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.963          | 114  | 426750     | 30.000  | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.739         | 117  | 446206     | 30.000  | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.428          | 65   | 156071     | 28.551  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = | 95.167% |        |          |
| 60) 4-Bromofluorobenzene     | 12.727         | 95   | 182824     | 27.633  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = | 92.100% |        |          |
| 63) Toluene-d8               | 10.433         | 98   | 565855     | 27.936  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = | 93.133% |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         |        |          |
|                              |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.063          | 85   | 98726      | 20.443  | ug/l   | 100      |
| 3) Chloromethane             | 2.293          | 50   | 108045     | 18.983  | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.440          | 62   | 107429     | 16.458  | ug/l   | 99       |
| 5) Bromomethane              | 2.804          | 94   | 31005      | 8.061   | ug/l   | 97       |
| 6) Chloroethane              | 2.940          | 64   | 71898      | 17.201  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.328          | 101  | 143930m    | 18.913  | ug/l   |          |
| 8) Diethyl Ether             | 3.816          | 74   | 60588      | 18.947  | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 4.187          | 101  | 89205      | 19.572  | ug/l # | 64       |
| 10) 1,1-Dichloroethene       | 4.157          | 96   | 83363      | 18.546  | ug/l   | 96       |
| 11) Methyl Iodide            | 4.404          | 142  | 118640     | 18.012  | ug/l   | 87       |
| 12) Methyl Acetate           | 4.845          | 43   | 120835     | 19.075  | ug/l   | 92       |
| 13) Acrolein                 | 4.034          | 56   | 45990      | 68.241  | ug/l   | 98       |
| 14) Acrylonitrile            | 5.540          | 53   | 278679     | 97.133  | ug/l   | 97       |
| 15) Acetone                  | 4.281          | 58   | 68156      | 82.547  | ug/l   | 78       |
| 16) Carbon Disulfide         | 4.510          | 76   | 208147     | 17.785  | ug/l   | 96       |
| 17) Allyl chloride           | 4.822          | 41   | 123703     | 16.967  | ug/l   | 79       |
| 18) Methylene Chloride       | 5.075          | 84   | 112529     | 20.868  | ug/l # | 92       |
| 19) trans-1,2-Dichloroethene | 5.581          | 96   | 92304      | 19.199  | ug/l   | 97       |
| 20) Diisopropyl ether        | 6.487          | 45   | 280400     | 18.381  | ug/l   | 91       |
| 21) 1,1-Dichloroethane       | 6.375          | 63   | 173149     | 18.800  | ug/l   | 97       |
| 22) cis-1,2-Dichloroethene   | 7.316          | 96   | 113320     | 19.401  | ug/l   | 92       |
| 23) tert-Butyl Alcohol       | 5.398          | 59   | 61083m     | 59.665  | ug/l   |          |
| 24) Methyl tert-Butyl Ether  | 5.604          | 73   | 295643     | 18.224  | ug/l # | 87       |
| 25) Chloroform               | 7.810          | 83   | 178237     | 19.242  | ug/l   | 99       |
| 26) Cyclohexane              | 8.086          | 56   | 145553     | 18.284  | ug/l # | 95       |
| 29) 1,1-Dichloropropene      | 8.216          | 75   | 127082     | 18.398  | ug/l   | 99       |
| 30) 2-Butanone               | 7.328          | 43   | 337795     | 87.855  | ug/l   | 95       |
| 31) 2,2-Dichloropropane      | 7.316          | 77   | 137820     | 17.515  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 8.004          | 97   | 149460     | 18.578  | ug/l   | 99       |
| 33) Carbon Tetrachloride     | 8.198          | 117  | 125796     | 18.472  | ug/l   | 98       |
| 34) Benzene                  | 8.451          | 78   | 424600     | 19.785  | ug/l   | 96       |
| 35) Methacrylonitrile        | 7.628          | 41   | 65187      | 17.671  | ug/l   | 93       |
| 36) 1,2-Dichloroethane       | 8.522          | 62   | 135285     | 18.070  | ug/l # | 94       |
| 37) Trichloroethene          | 9.210          | 130  | 107646     | 19.440  | ug/l   | 100      |
| 38) Methylcyclohexane        | 9.451          | 83   | 156543     | 17.980  | ug/l   | 97       |
| 39) 1,2-Dichloropropane      | 9.486          | 63   | 104884     | 19.534  | ug/l   | 100      |
| 40) Dibromomethane           | 9.569          | 93   | 71989      | 19.808  | ug/l   | 85       |
| 41) Bromodichloromethane     | 9.757          | 83   | 136398     | 18.755  | ug/l   | 96       |
| 42) Vinyl Acetate            | 6.422          | 43   | 1153705    | 87.572  | ug/l # | 94       |

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 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/19/2022  
 Supervised By : Mahesh Dadoda 04/19/2022

Quant Time: Apr 19 01:19:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N032422W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Mar 24 12:03:44 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.404  | 43   | 135677   | 18.198  | ug/l   | 97       |
| 44) Isopropyl Acetate         | 8.557  | 43   | 213580   | 17.861  | ug/l   | 90       |
| 45) 1,4-Dioxane               | 9.563  | 88   | 24447    | 202.631 | ug/l   | 91       |
| 46) Methyl methacrylate       | 9.551  | 41   | 94606    | 18.041  | ug/l   | 77       |
| 47) n-amyl Acetate            | 12.386 | 43   | 135393   | 16.967  | ug/l # | 88       |
| 48) t-1,3-Dichloropropene     | 10.716 | 75   | 153208   | 19.382  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 10.180 | 75   | 163485   | 18.913  | ug/l # | 83       |
| 50) 1,1,2-Trichloroethane     | 10.892 | 97   | 118511   | 21.813  | ug/l   | 99       |
| 51) Ethyl methacrylate        | 10.757 | 69   | 175810   | 20.958  | ug/l   | 78       |
| 52) 1,3-Dichloropropane       | 11.039 | 76   | 194075   | 20.917  | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.233 | 129  | 118640   | 21.095  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 11.339 | 107  | 118723   | 21.243  | ug/l   | 95       |
| 55) 2-Chloroethyl vinyl ether | 10.033 | 63   | 262226   | 116.020 | ug/l   | 97       |
| 56) Bromoform                 | 12.457 | 173  | 83490    | 19.254  | ug/l # | 100      |
| 58) 4-Methyl-2-Pentanone      | 10.327 | 43   | 730313   | 86.220  | ug/l # | 89       |
| 59) 2-Hexanone                | 11.080 | 43   | 483175   | 78.130  | ug/l # | 87       |
| 61) Tetrachloroethene         | 10.974 | 164  | 100153   | 18.442  | ug/l   | 90       |
| 62) Toluene                   | 10.498 | 91   | 508010   | 18.776  | ug/l   | 98       |
| 64) Chlorobenzene             | 11.763 | 112  | 322342   | 19.315  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 112507   | 18.376  | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.839 | 91   | 548743   | 18.663  | ug/l   | 94       |
| 67) m/p-Xylenes               | 11.951 | 106  | 441150   | 38.568  | ug/l   | 95       |
| 68) o-Xylene                  | 12.274 | 106  | 214369   | 18.856  | ug/l   | 94       |
| 69) Styrene                   | 12.286 | 104  | 326373   | 18.241  | ug/l   | 97       |
| 70) Isopropylbenzene          | 12.574 | 105  | 536371   | 18.797  | ug/l   | 98       |
| 71) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 157384   | 16.947  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 12.874 | 75   | 119187m  | 14.939  | ug/l   |          |
| 73) Bromobenzene              | 12.857 | 156  | 123740   | 17.776  | ug/l   | 91       |
| 74) n-propylbenzene           | 12.916 | 91   | 563833   | 18.105  | ug/l   | 97       |
| 75) 2-Chlorotoluene           | 13.004 | 91   | 351952   | 18.084  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 443761   | 19.385  | ug/l   | 95       |
| 77) t-1,4-Dichloro-2-butene   | 12.621 | 75   | 41276    | 14.734  | ug/l   | 87       |
| 78) 4-Chlorotoluene           | 13.098 | 91   | 318568   | 17.527  | ug/l   | 99       |
| 79) tert-butylbenzene         | 13.321 | 119  | 374860   | 18.146  | ug/l   | 94       |
| 80) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 430382   | 19.376  | ug/l # | 80       |
| 81) sec-Butylbenzene          | 13.498 | 105  | 500198   | 18.021  | ug/l   | 97       |
| 82) p-Isopropyltoluene        | 13.610 | 119  | 415648   | 18.431  | ug/l   | 96       |
| 83) 1,3-Dichlorobenzene       | 13.610 | 146  | 197811   | 17.366  | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene       | 13.692 | 146  | 186301   | 17.136  | ug/l   | 97       |
| 85) n-Butylbenzene            | 13.939 | 91   | 291071   | 17.376  | ug/l   | 95       |
| 86) Hexachloroethane          | 14.204 | 117  | 67147    | 15.944  | ug/l   | 79       |
| 87) 1,2-Dichlorobenzene       | 13.986 | 146  | 199147   | 18.084  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 25275    | 15.296  | ug/l # | 78       |
| 89) 1,2,4-Trichlorobenzene    | 15.262 | 180  | 82605    | 16.228  | ug/l   | 96       |
| 90) Hexachlorobutadiene       | 15.362 | 225  | 55399    | 18.366  | ug/l   | 98       |
| 91) Naphthalene               | 15.498 | 128  | 223445   | 18.275  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.692 | 180  | 86079    | 17.242  | ug/l   | 97       |

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

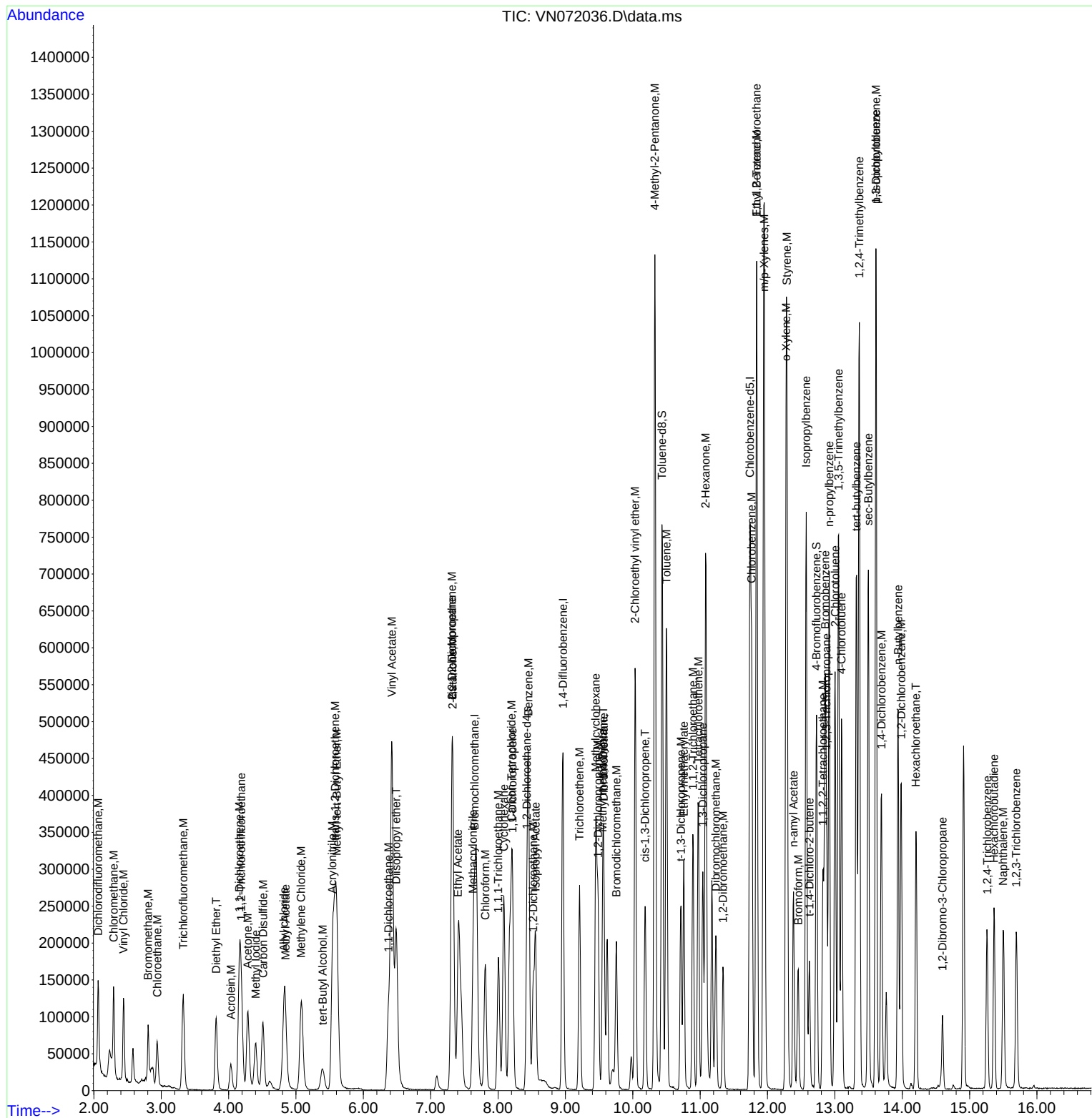
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041822\  
 Data File : VN072036.D  
 Acq On : 18 Apr 2022 16:08  
 Operator : JC\MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

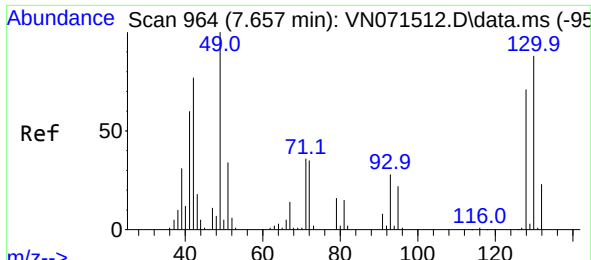
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

### Manual Integrations APPROVED

Reviewed By : John Carlone 04/19/2022  
 Supervised By : Mahesh Dadoda 04/19/2022

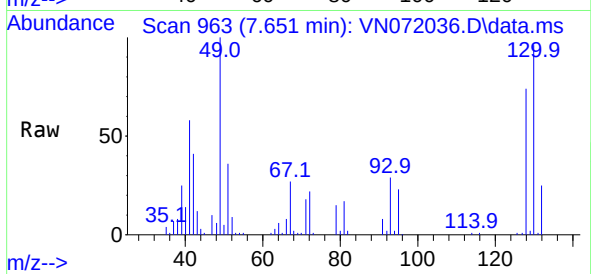
Quant Time: Apr 19 01:19:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N032422W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Mar 24 12:03:44 2022  
 Response via : Initial Calibration





#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.651 min Scan# 9  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

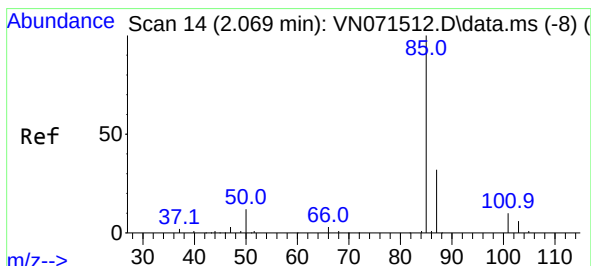
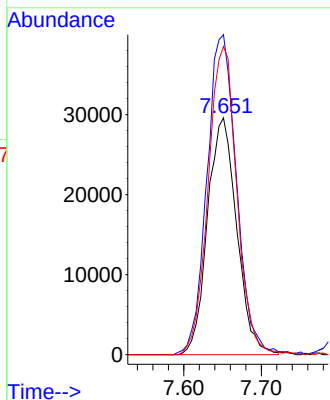
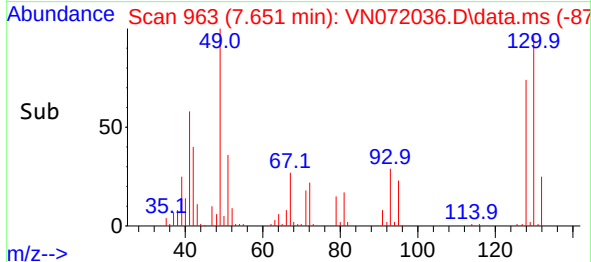
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



Tgt Ion:128 Resp: 7758  
Ion Ratio Lower Upper  
128 100  
49 136.3 0.0 392.3  
130 127.8 0.0 320.2

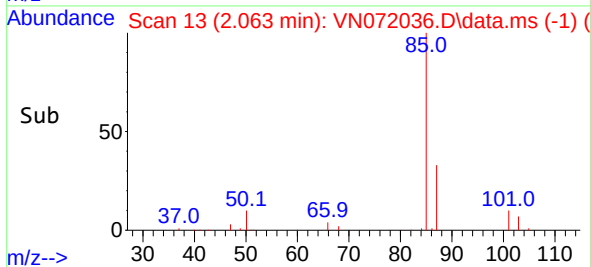
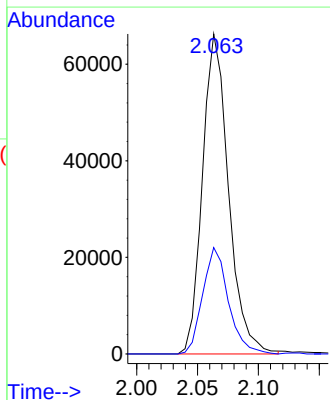
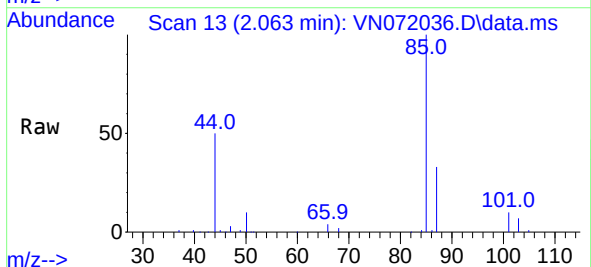
Manual Integrations  
APPROVED

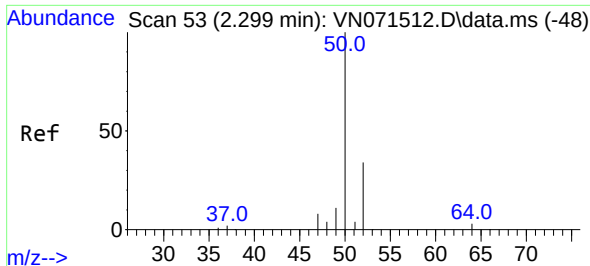
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#2  
Dichlorodifluoromethane  
Concen: 20.443 ug/l  
RT: 2.063 min Scan# 13  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Tgt Ion: 85 Resp: 98726  
Ion Ratio Lower Upper  
85 100  
87 33.3 16.6 49.7





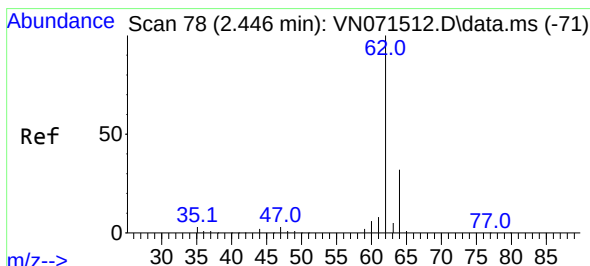
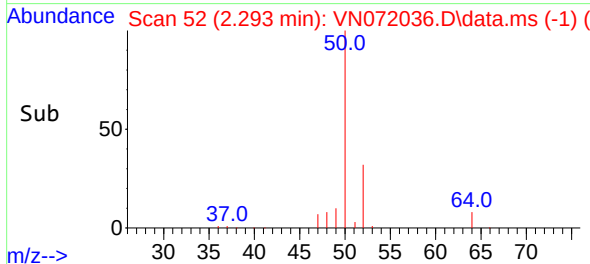
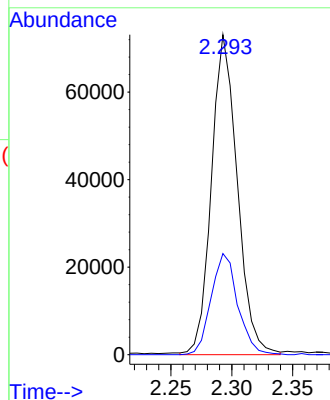
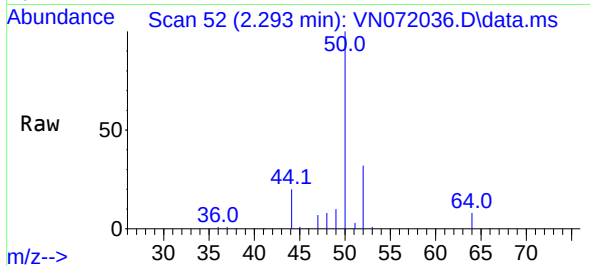
#3  
Chloromethane  
Concen: 18.983 ug/l  
RT: 2.293 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion: 50 Resp: 10804  
Ion Ratio Lower Upper  
50 100  
52 31.8 27.8 41.6

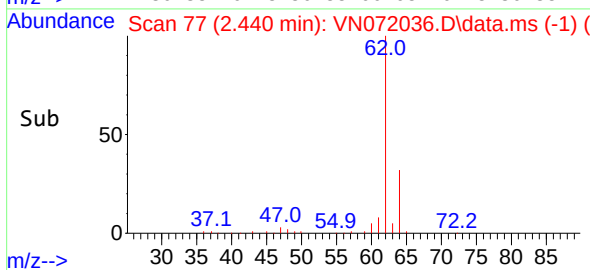
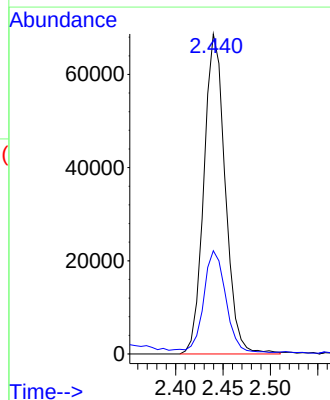
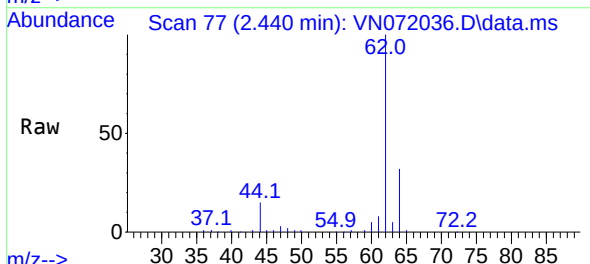
Manual Integrations  
APPROVED

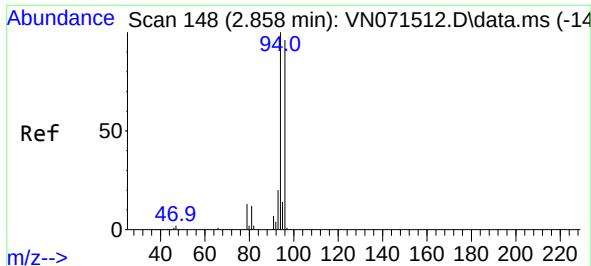
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#4  
Vinyl Chloride  
Concen: 16.458 ug/l  
RT: 2.440 min Scan# 77  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

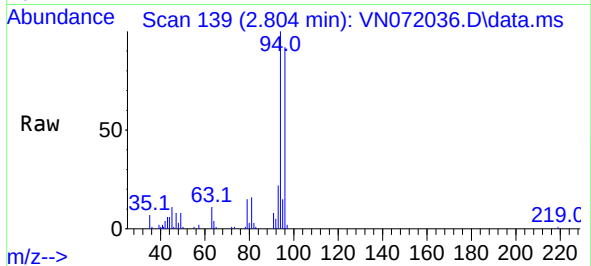
Tgt Ion: 62 Resp: 107429  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.1 37.7





#5  
Bromomethane  
Concen: 8.061 ug/l  
RT: 2.804 min Scan# 111  
Delta R.T. -0.053 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

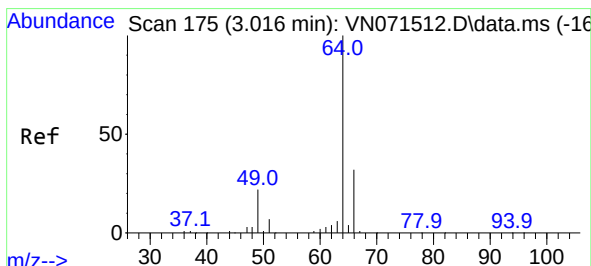
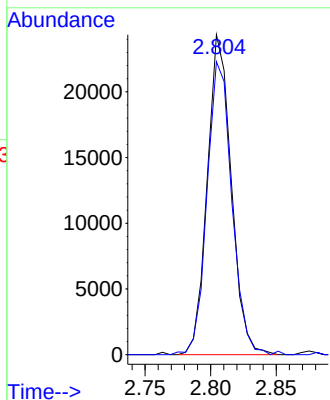
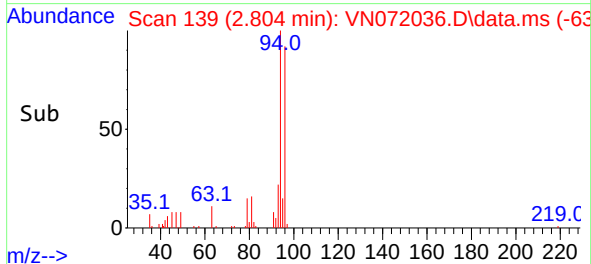
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



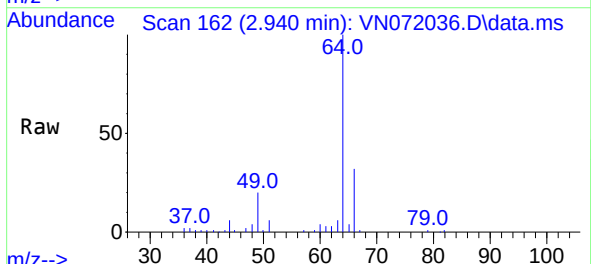
Tgt Ion: 94 Resp: 3100  
Ion Ratio Lower Upper  
94 100  
96 90.7 75.2 112.8

Manual Integrations  
APPROVED

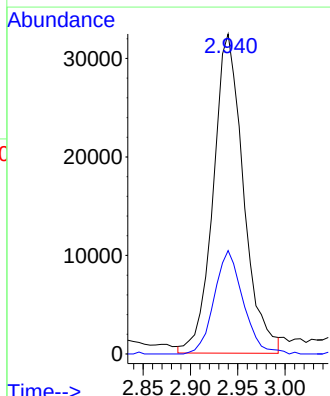
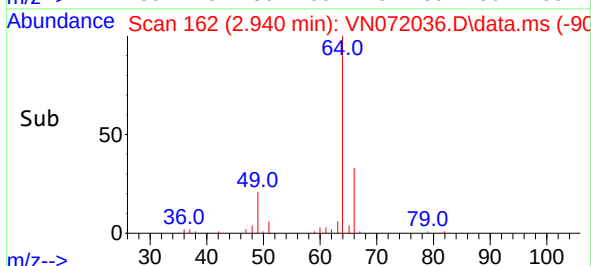
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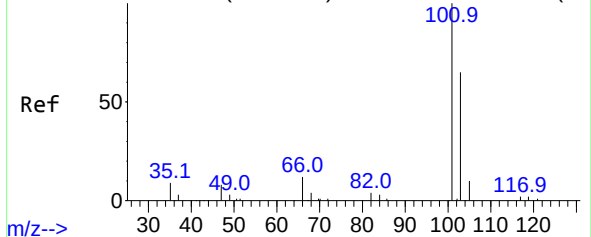
#6  
Chloroethane  
Concen: 17.201 ug/l  
RT: 2.940 min Scan# 162  
Delta R.T. -0.077 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion: 64 Resp: 71898  
Ion Ratio Lower Upper  
64 100  
66 33.1 24.6 36.8



Abundance Scan 237 (3.381 min): VN071512.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 18.913 ug/l m

RT: 3.328 min Scan# 21

Delta R.T. -0.053 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:101 Resp: 143930

Ion Ratio Lower Upper

101 100

103 65.5 50.1 75.1

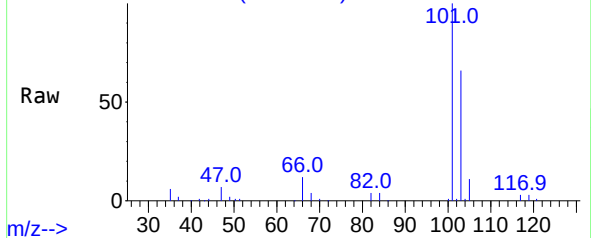
Manual Integrations

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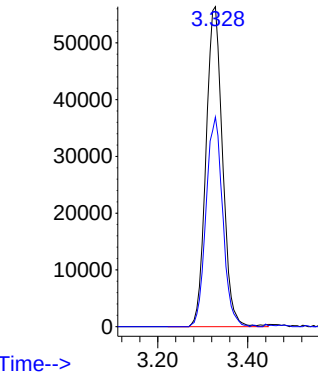
Reviewed By :John Carlone 04/19/2022

Supervised By :Mahesh Dadoda 04/19/2022

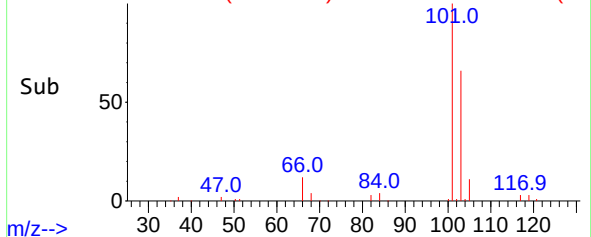
Abundance Scan 228 (3.328 min): VN072036.D\data.ms



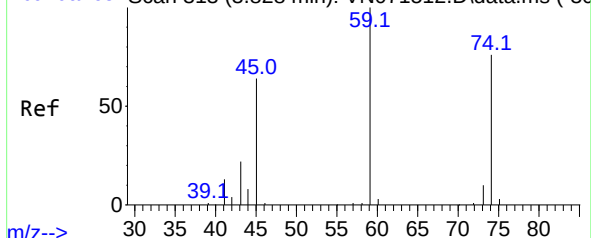
Abundance



Abundance Scan 228 (3.328 min): VN072036.D\data.ms (-15



Abundance Scan 313 (3.828 min): VN071512.D\data.ms (-30



#8

Diethyl Ether

Concen: 18.947 ug/l

RT: 3.816 min Scan# 311

Delta R.T. -0.012 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

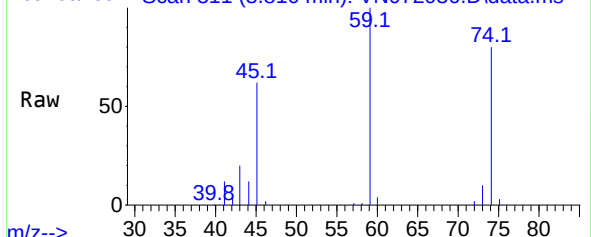
Tgt Ion: 74 Resp: 60588

Ion Ratio Lower Upper

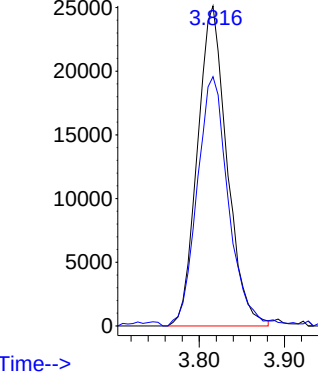
74 100

45 81.4 17.6 158.8

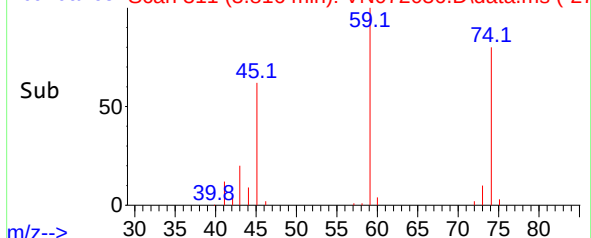
Abundance Scan 311 (3.816 min): VN072036.D\data.ms

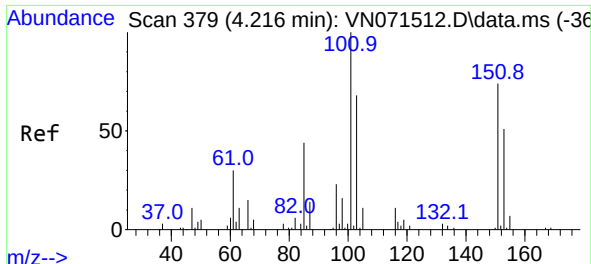


Abundance



Abundance Scan 311 (3.816 min): VN072036.D\data.ms (-27





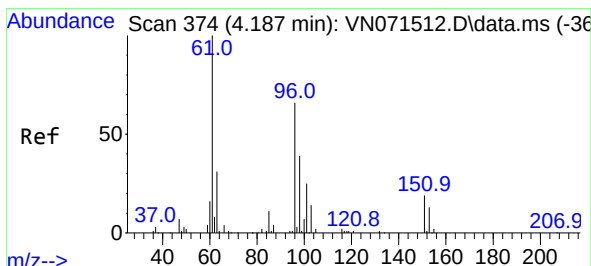
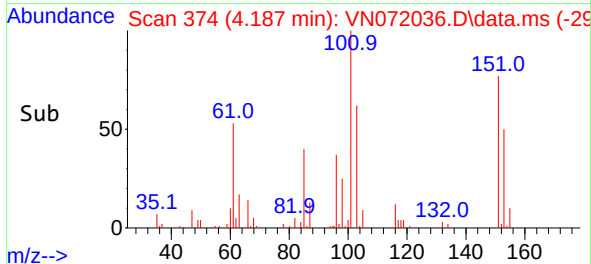
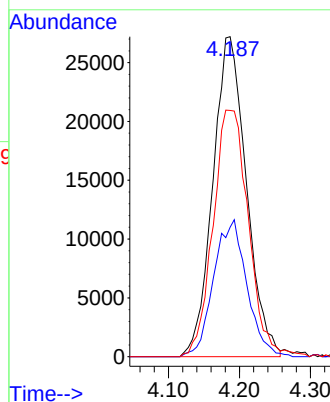
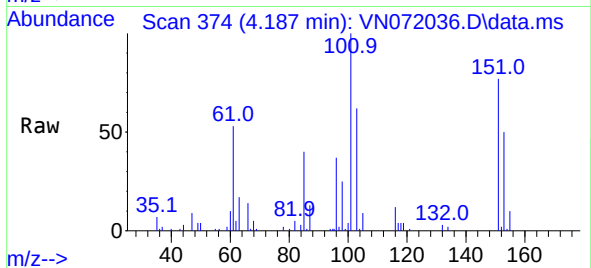
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.572 ug/l  
RT: 4.187 min Scan# 31  
Delta R.T. -0.030 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion:101 Resp: 8920  
Ion Ratio Lower Upper  
101 100  
85 42.4 0.0 94.0  
151 80.6 0.0 74.6

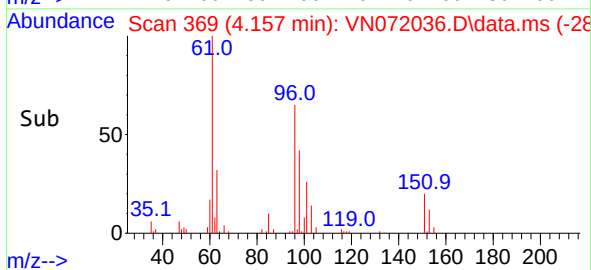
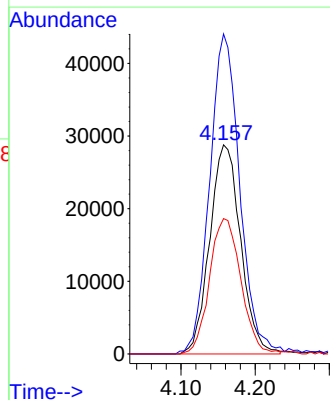
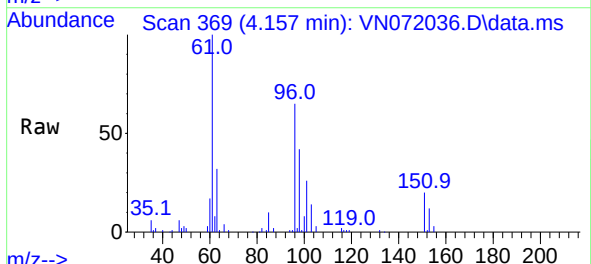
Manual Integrations  
APPROVED

Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

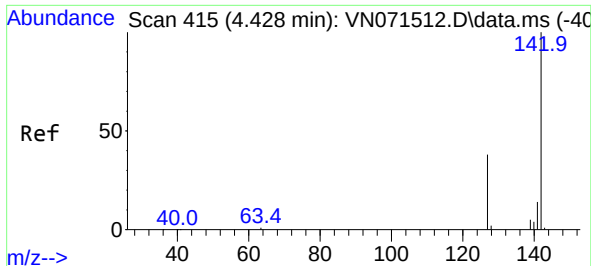


#10  
1,1-Dichloroethene  
Concen: 18.546 ug/l  
RT: 4.157 min Scan# 369  
Delta R.T. -0.030 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Tgt Ion: 96 Resp: 83363  
Ion Ratio Lower Upper  
96 100  
61 151.7 126.2 189.4  
98 64.7 50.9 76.3

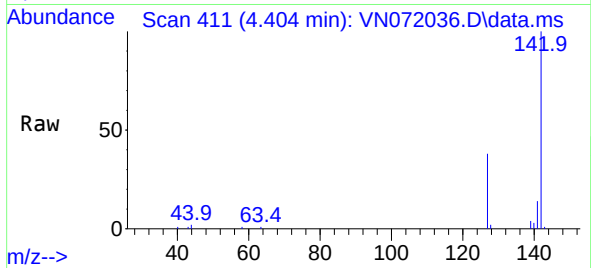






#11  
Methyl Iodide  
Concen: 18.012 ug/l  
RT: 4.404 min Scan# 411  
Delta R.T. -0.024 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

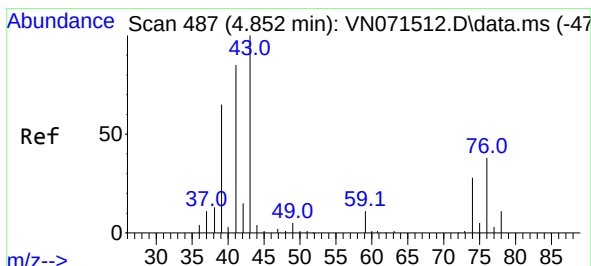
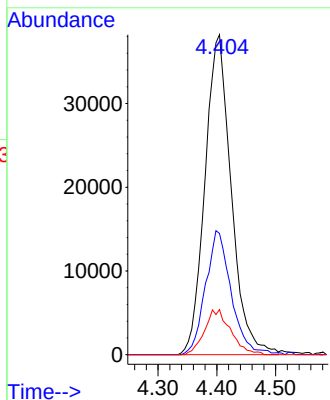
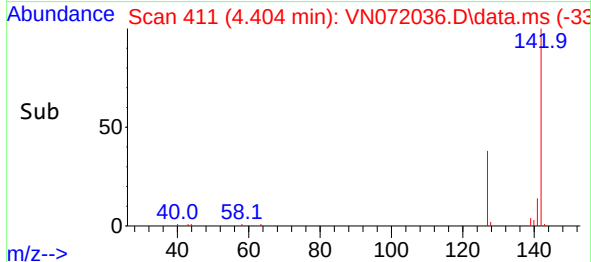
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



Tgt Ion:142 Resp: 118640  
Ion Ratio Lower Upper  
142 100  
127 37.7 24.0 72.0  
141 14.2 8.4 25.2

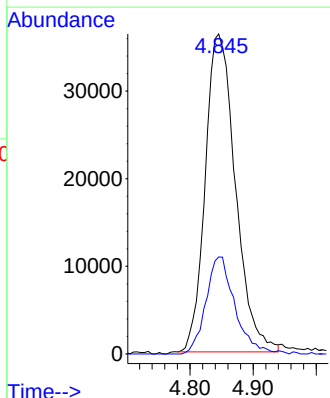
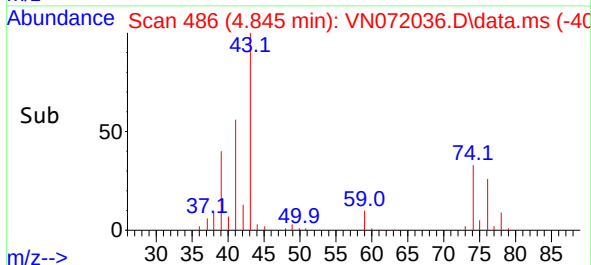
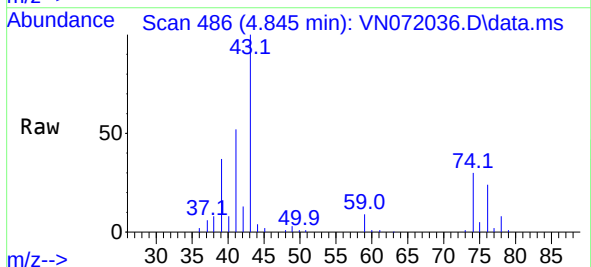
Manual Integrations  
APPROVED

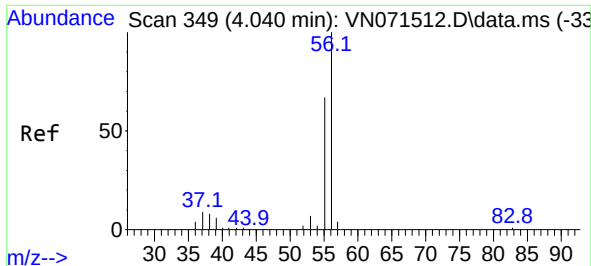
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#12  
Methyl Acetate  
Concen: 19.075 ug/l  
RT: 4.845 min Scan# 486  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

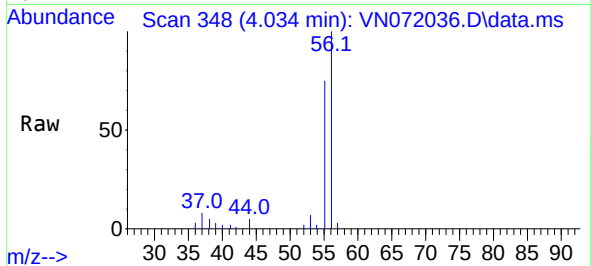
Tgt Ion: 43 Resp: 120835  
Ion Ratio Lower Upper  
43 100  
74 30.3 20.8 31.2





#13  
Acrolein  
Concen: 68.241 ug/l  
RT: 4.034 min Scan# 349  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

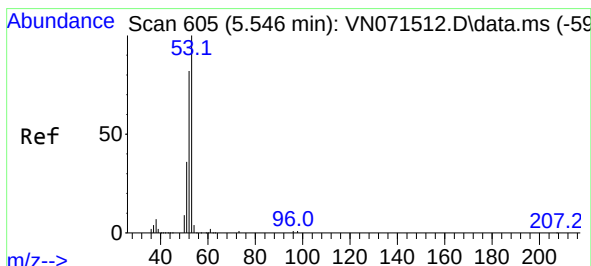
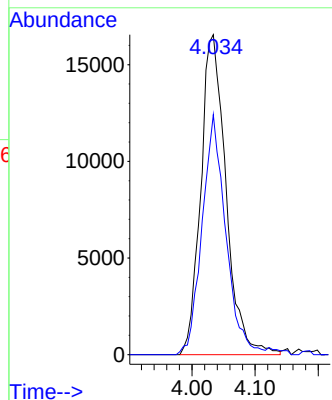
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



Tgt Ion: 56 Resp: 45990  
Ion Ratio Lower Upper  
56 100  
55 70.2 57.6 86.4

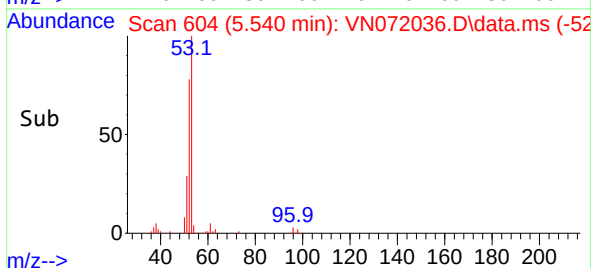
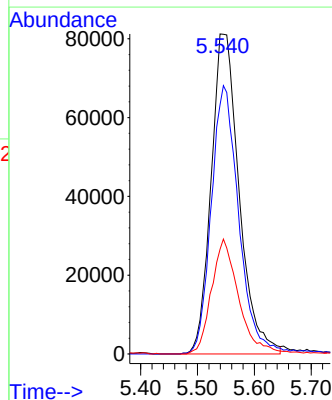
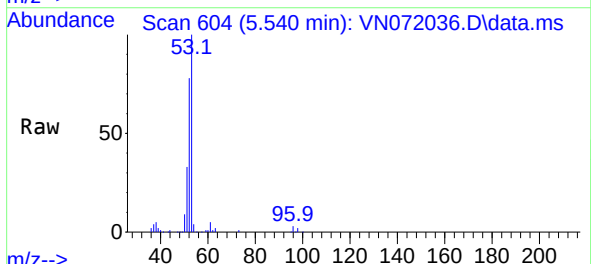
Manual Integrations  
APPROVED

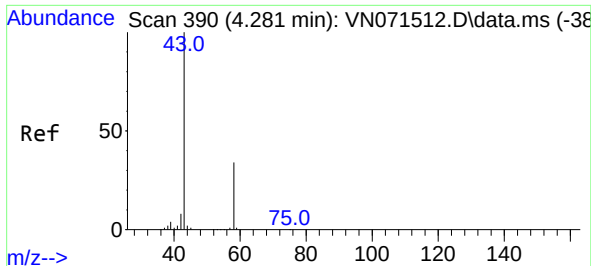
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#14  
Acrylonitrile  
Concen: 97.133 ug/l  
RT: 5.540 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

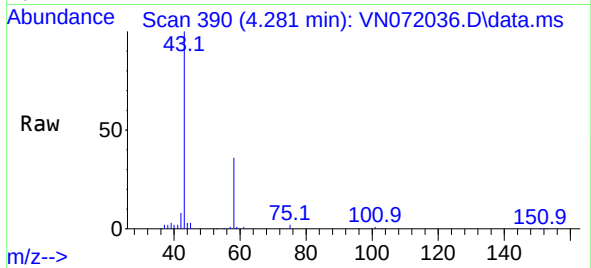
Tgt Ion: 53 Resp: 278679  
Ion Ratio Lower Upper  
53 100  
52 82.3 41.8 125.4  
51 34.8 19.0 57.0





#15  
Acetone  
Concen: 82.547 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

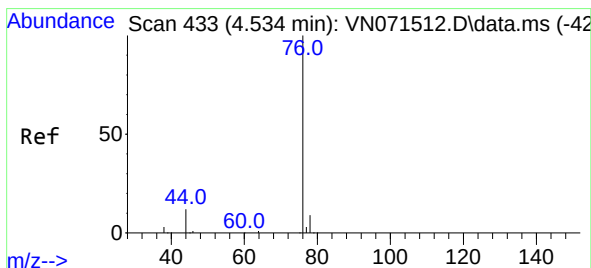
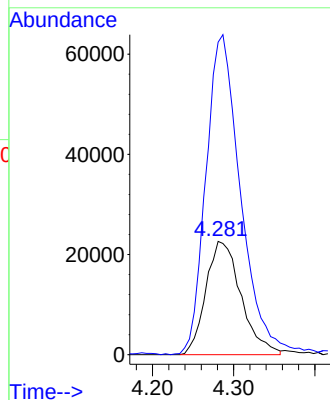
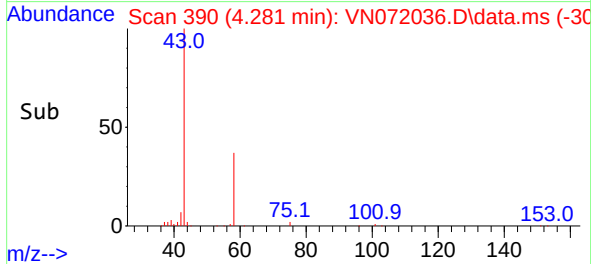
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



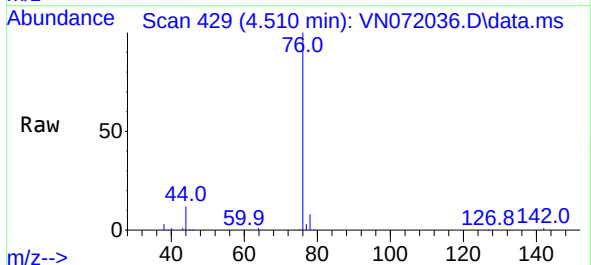
Tgt Ion: 58 Resp: 68150  
Ion Ratio Lower Upper  
58 100  
43 274.8 256.6 384.8

Manual Integrations  
APPROVED

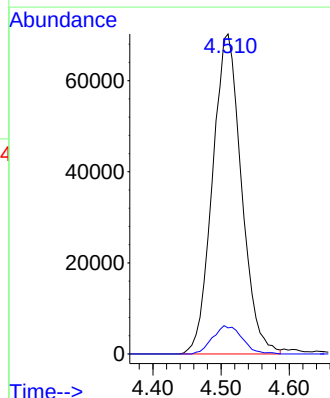
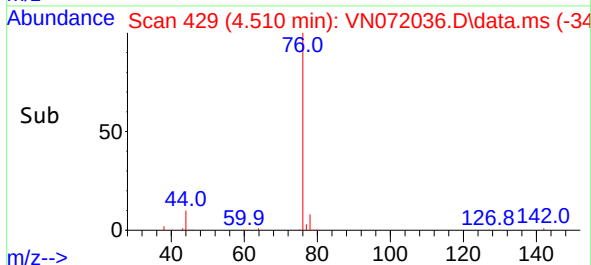
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

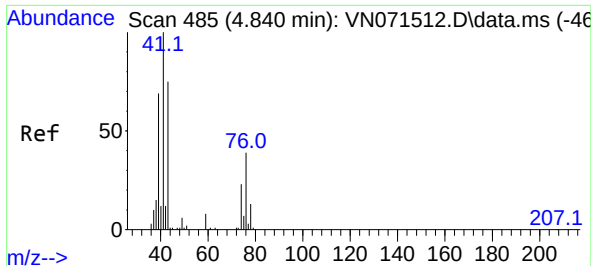


#16  
Carbon Disulfide  
Concen: 17.785 ug/l  
RT: 4.510 min Scan# 429  
Delta R.T. -0.024 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



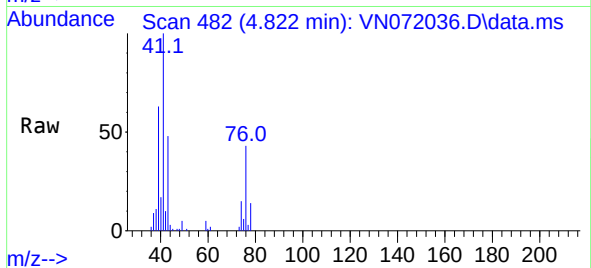
Tgt Ion: 76 Resp: 208147  
Ion Ratio Lower Upper  
76 100  
78 8.2 7.8 11.8





#17  
 Allyl chloride  
 Concen: 16.967 ug/l  
 RT: 4.822 min Scan# 41  
 Delta R.T. -0.018 min  
 Lab File: VN072036.D  
 Acq: 18 Apr 2022 16:08

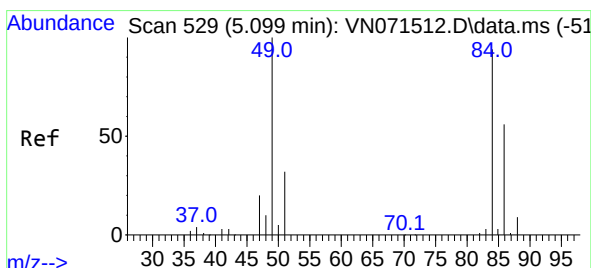
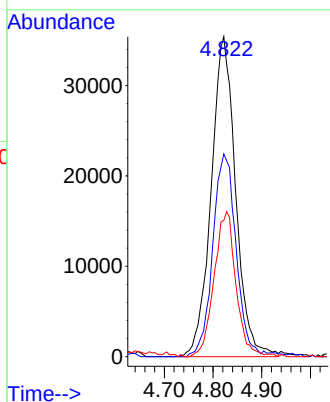
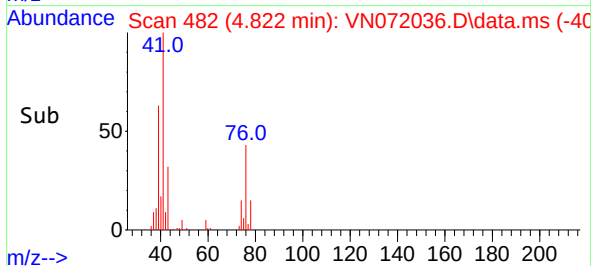
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC



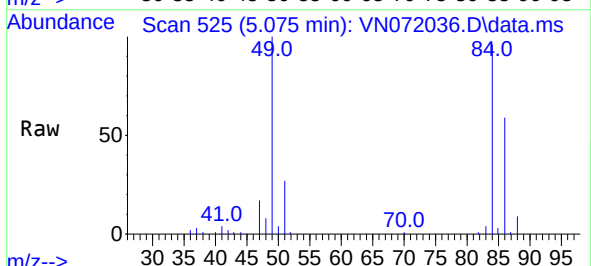
Tgt Ion: 41 Resp: 12370  
 Ion Ratio Lower Upper  
 41 100  
 39 63.4 44.6 134.0  
 76 42.6 19.6 58.7

Manual Integrations  
 APPROVED

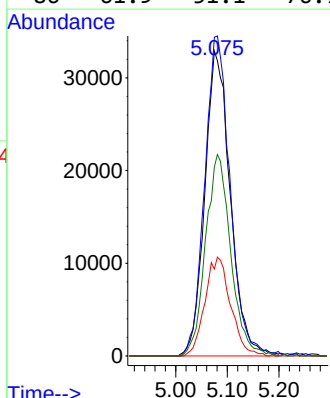
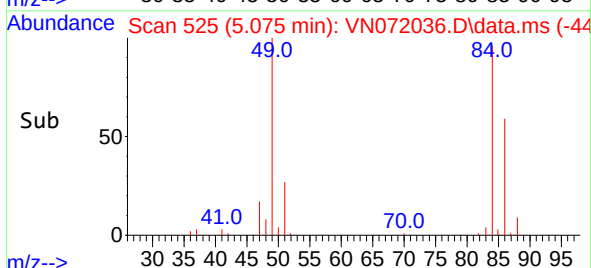
Reviewed By :John Carlone 04/19/2022  
 Supervised By :Mahesh Dadoda 04/19/2022

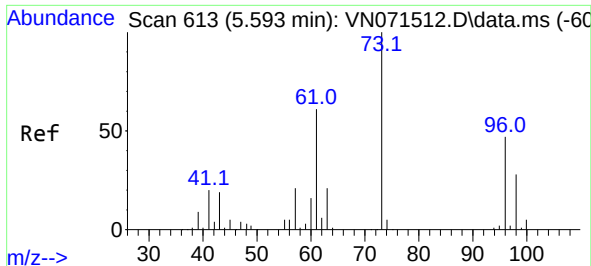


#18  
 Methylene Chloride  
 Concen: 20.868 ug/l  
 RT: 5.075 min Scan# 525  
 Delta R.T. -0.024 min  
 Lab File: VN072036.D  
 Acq: 18 Apr 2022 16:08



Tgt Ion: 84 Resp: 112529  
 Ion Ratio Lower Upper  
 84 100  
 49 104.5 91.4 137.0  
 51 28.5 29.4 44.0#  
 86 61.9 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 19.199 ug/l

RT: 5.581 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 96 Resp: 92304

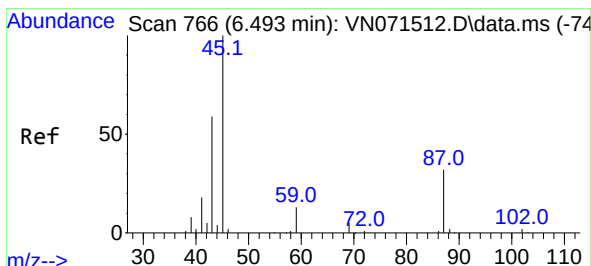
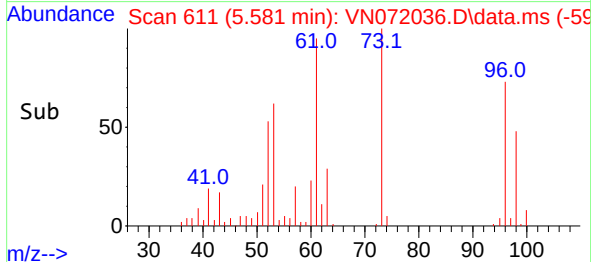
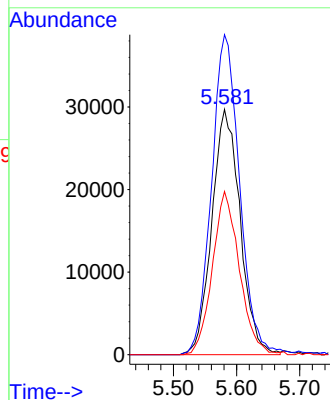
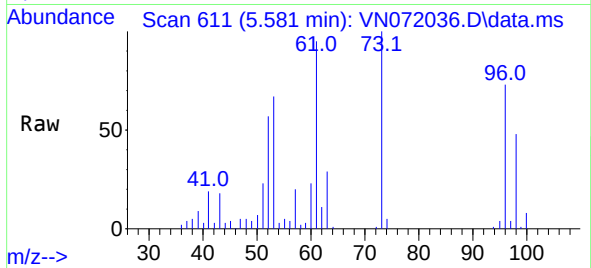
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 130.4 | 102.8 | 154.2 |
| 98  | 66.5  | 49.3  | 73.9  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2022

Supervised By :Mahesh Dadoda 04/19/2022



#20

Diisopropyl ether

Concen: 18.381 ug/l

RT: 6.487 min Scan# 765

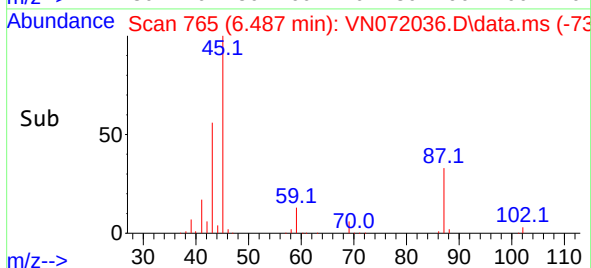
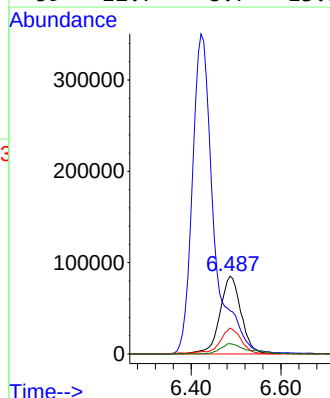
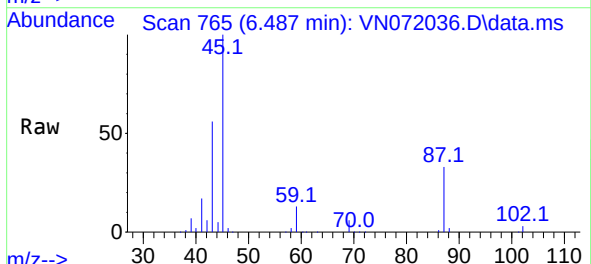
Delta R.T. -0.006 min

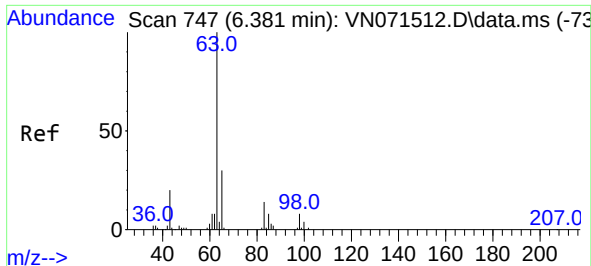
Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Tgt Ion: 45 Resp: 280400

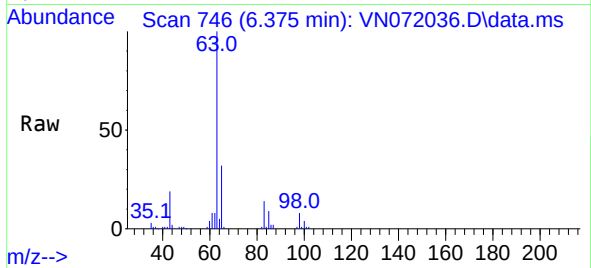
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 53.9  | 51.0  | 76.4  |
| 87  | 33.1  | 25.0  | 37.4  |
| 59  | 12.7  | 8.7   | 13.1  |





#21  
1,1-Dichloroethane  
Concen: 18.800 ug/l  
RT: 6.375 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

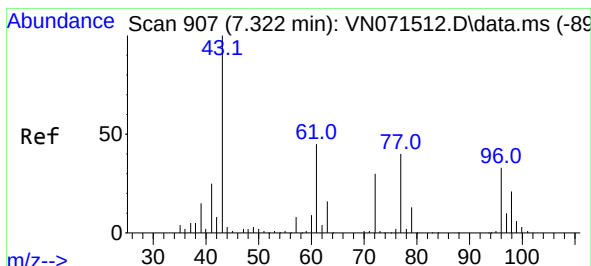
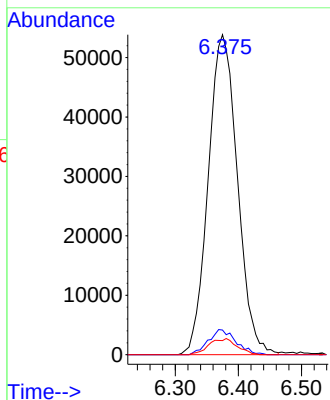
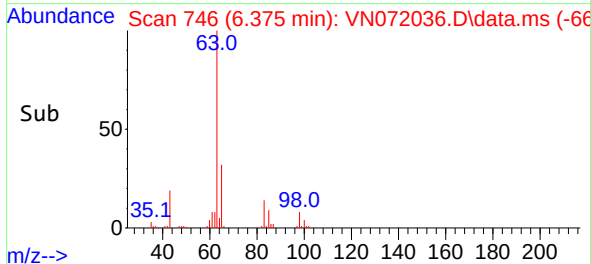
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



Tgt Ion: 63 Resp: 173149  
Ion Ratio Lower Upper  
63 100  
98 7.7 3.2 9.6  
100 4.4 2.1 6.2

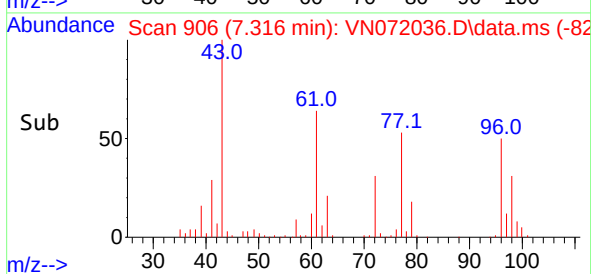
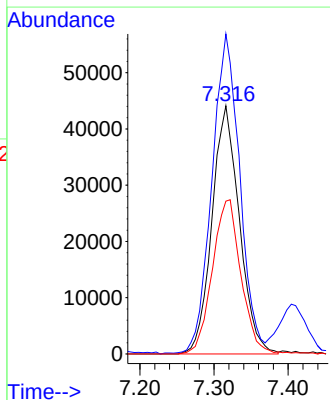
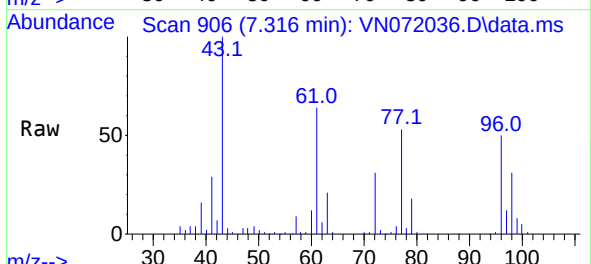
Manual Integrations  
APPROVED

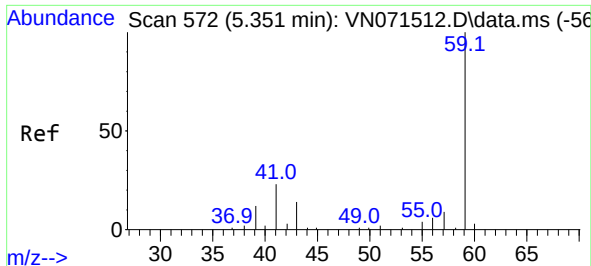
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#22  
cis-1,2-Dichloroethene  
Concen: 19.401 ug/l  
RT: 7.316 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

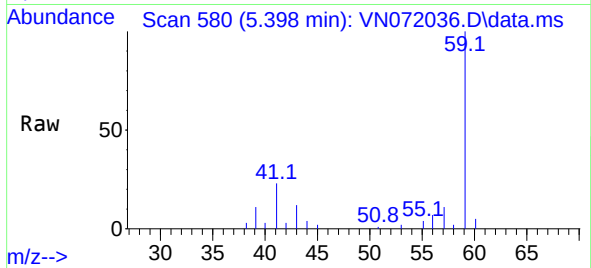
Tgt Ion: 96 Resp: 113320  
Ion Ratio Lower Upper  
96 100  
61 130.7 115.7 173.5  
98 64.6 51.6 77.4





#23  
tert-Butyl Alcohol  
Concen: 59.665 ug/l m  
RT: 5.398 min Scan# 51  
Delta R.T. 0.047 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

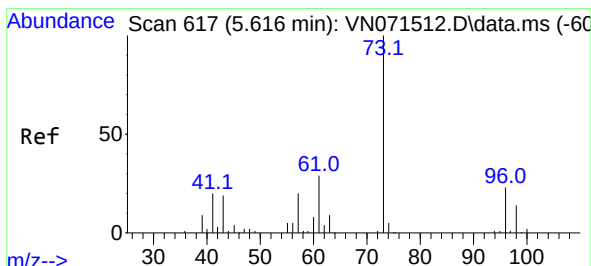
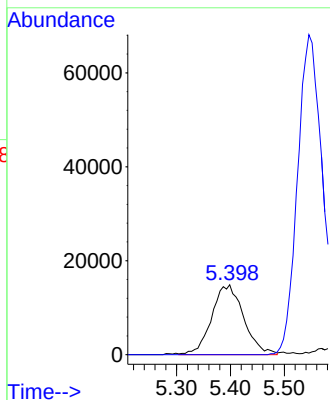
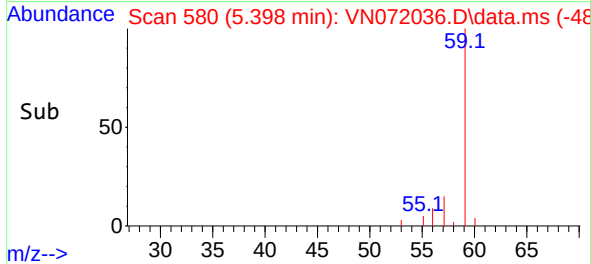
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



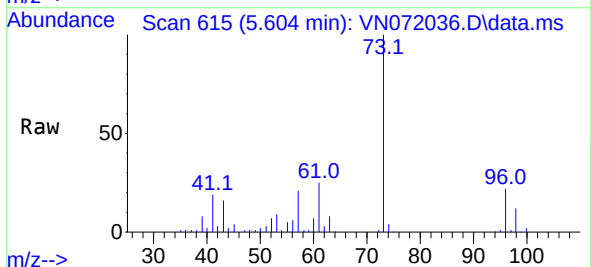
Tgt Ion: 59 Resp: 6108  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0

Manual Integrations  
APPROVED

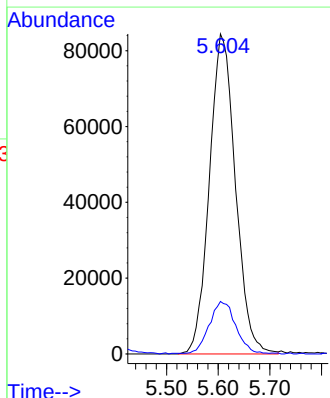
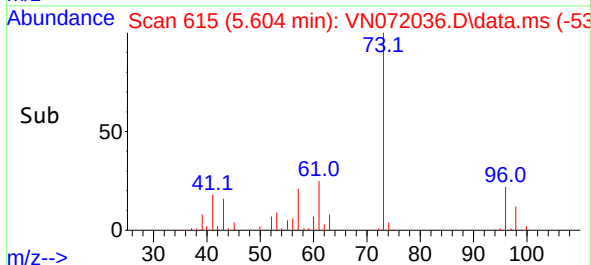
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

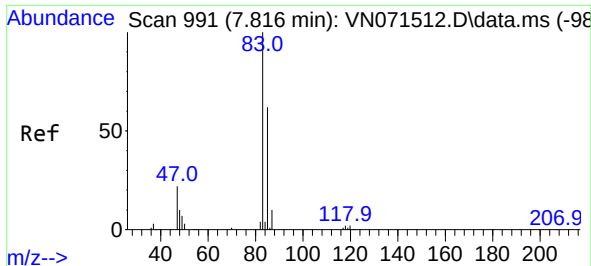


#24  
Methyl tert-Butyl Ether  
Concen: 18.224 ug/l  
RT: 5.604 min Scan# 615  
Delta R.T. -0.012 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



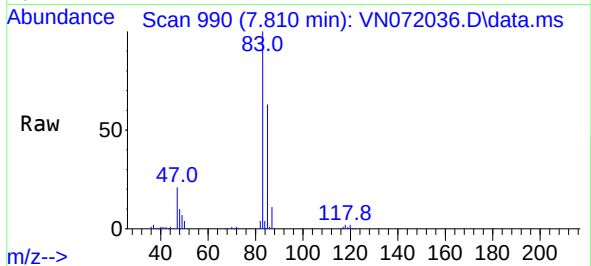
Tgt Ion: 73 Resp: 295643  
Ion Ratio Lower Upper  
73 100  
43 16.4 18.1 27.1#





#25  
Chloroform  
Concen: 19.242 ug/l  
RT: 7.810 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

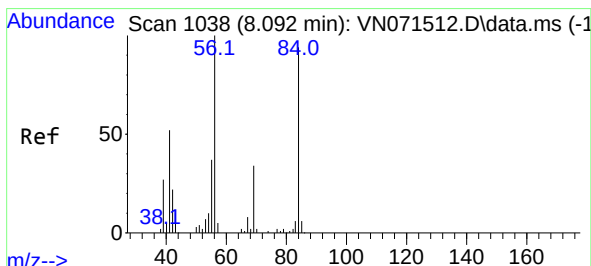
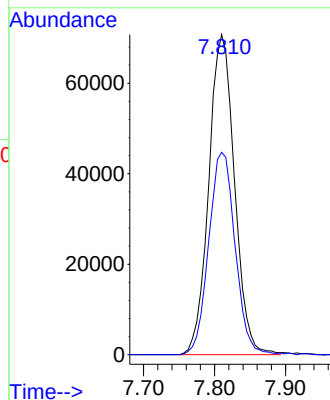
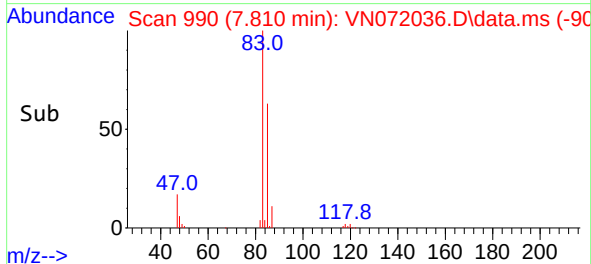
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



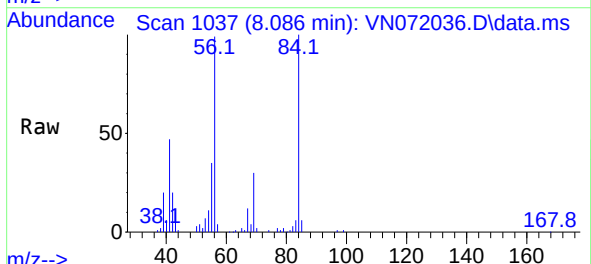
Tgt Ion: 83 Resp: 17823  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.3 76.9

Manual Integrations  
APPROVED

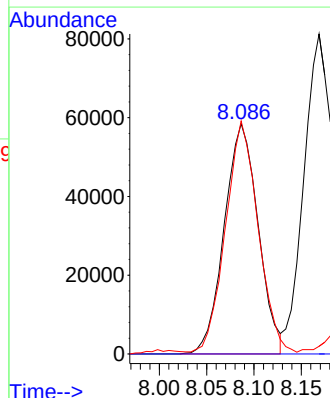
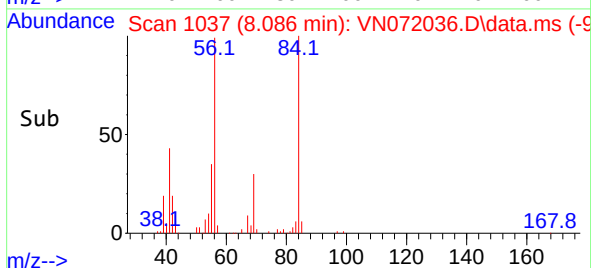
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



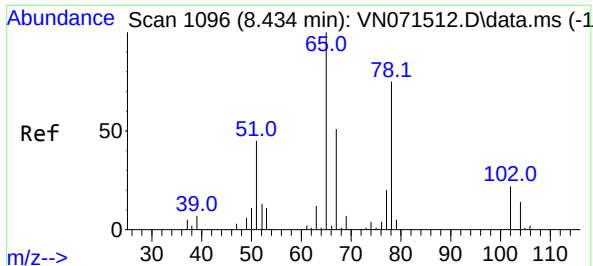
#26  
Cyclohexane  
Concen: 18.284 ug/l  
RT: 8.086 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion: 56 Resp: 145553  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.1 0.1#  
84 97.9 74.6 111.8

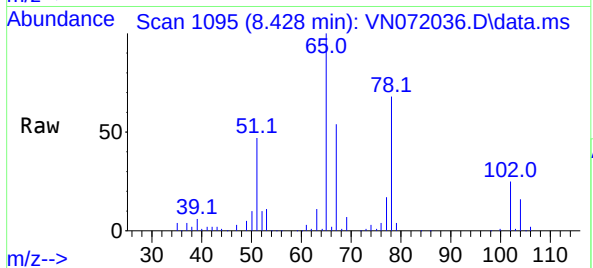






#27  
1,2-Dichloroethane-d4  
Concen: 28.551 ug/l  
RT: 8.428 min Scan# 1095  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

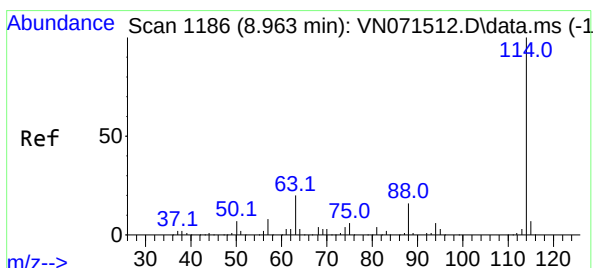
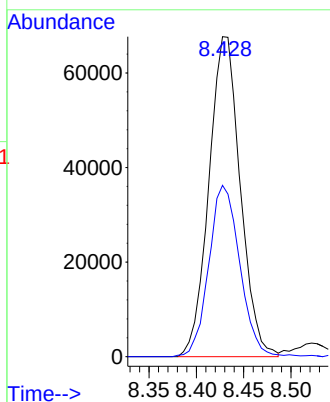
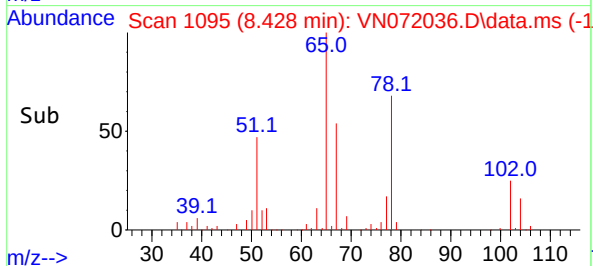
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



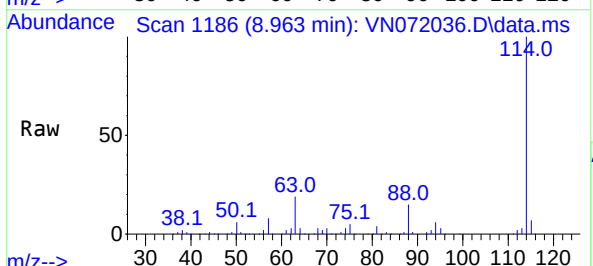
Tgt Ion: 65 Resp: 15607  
Ion Ratio Lower Upper  
65 100  
67 52.7 40.2 60.2

Manual Integrations  
APPROVED

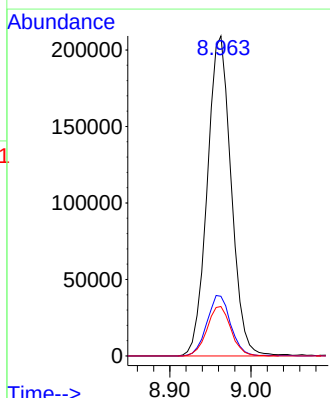
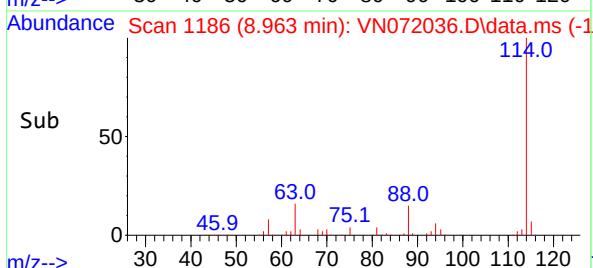
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

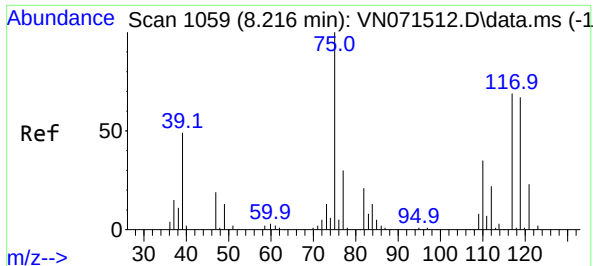


#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion:114 Resp: 426750  
Ion Ratio Lower Upper  
114 100  
63 18.8 15.8 23.6  
88 15.5 11.6 17.4





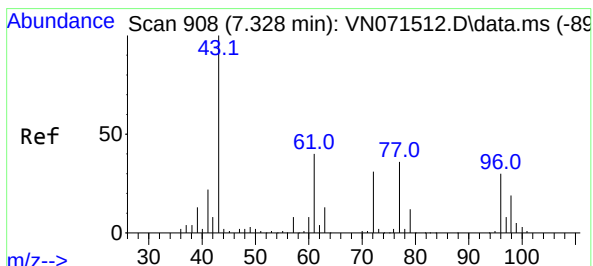
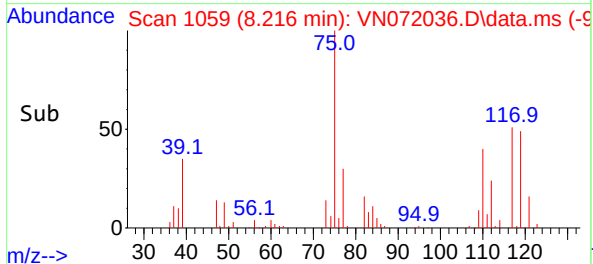
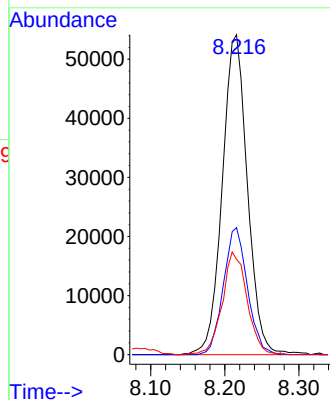
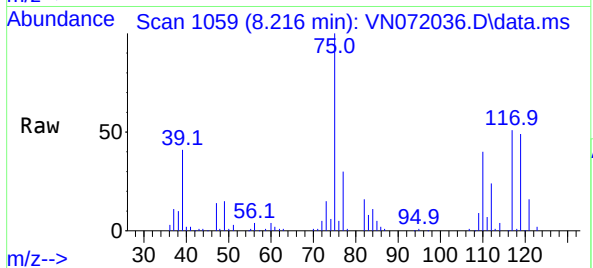
#29  
1,1-Dichloropropene  
Concen: 18.398 ug/l  
RT: 8.216 min Scan# 1059  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion: 75 Resp: 127082  
Ion Ratio Lower Upper  
75 100  
110 38.1 0.0 74.2  
77 31.7 0.0 63.2

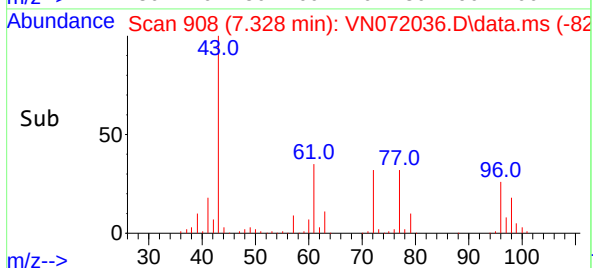
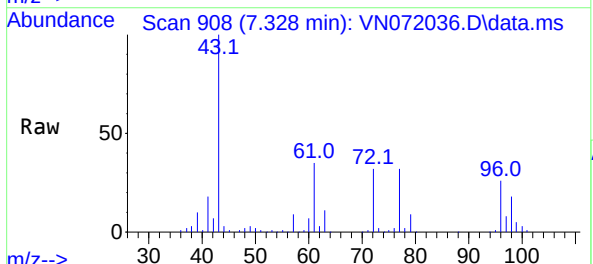
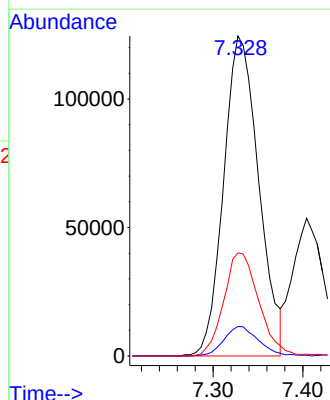
Manual Integrations  
APPROVED

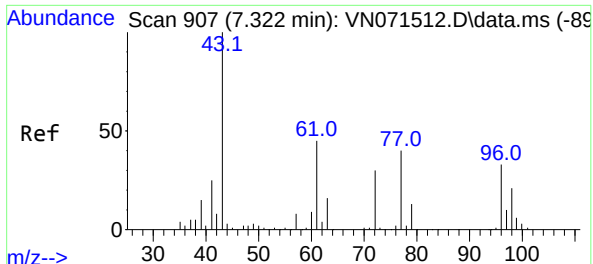
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#30  
2-Butanone  
Concen: 87.855 ug/l  
RT: 7.328 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

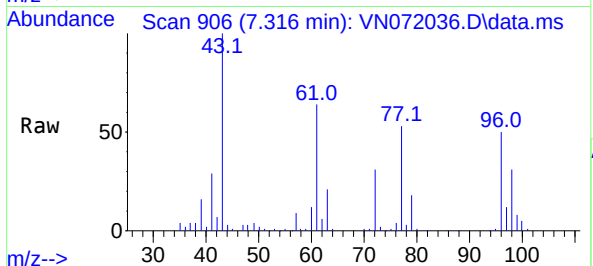
Tgt Ion: 43 Resp: 337795  
Ion Ratio Lower Upper  
43 100  
57 9.1 6.7 10.1  
72 32.0 23.2 34.8





#31  
2,2-Dichloropropane  
Concen: 17.515 ug/l  
RT: 7.316 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

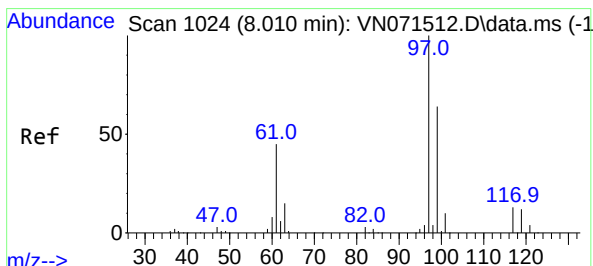
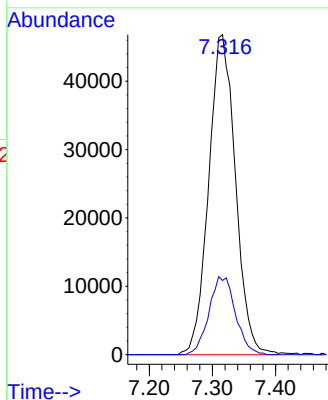
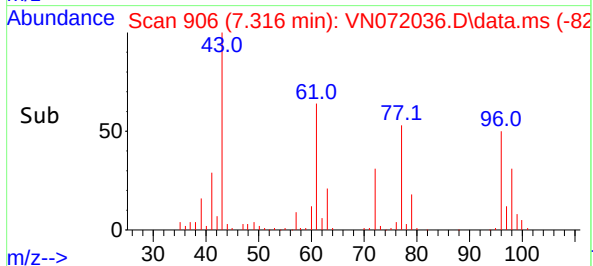
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



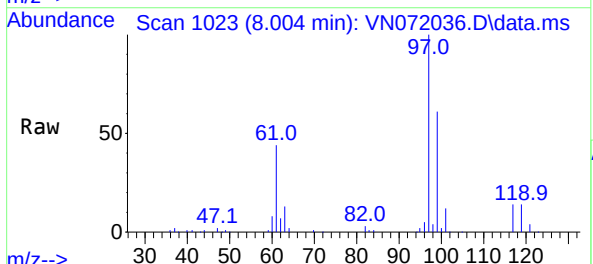
Tgt Ion: 77 Resp: 137820  
Ion Ratio Lower Upper  
77 100  
97 24.1 18.3 27.5

Manual Integrations  
APPROVED

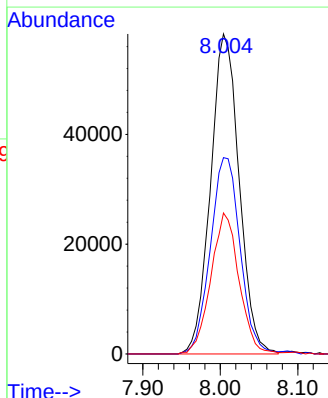
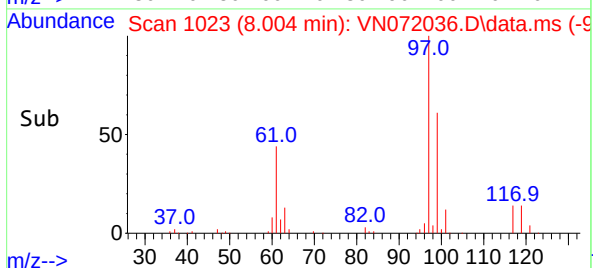
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

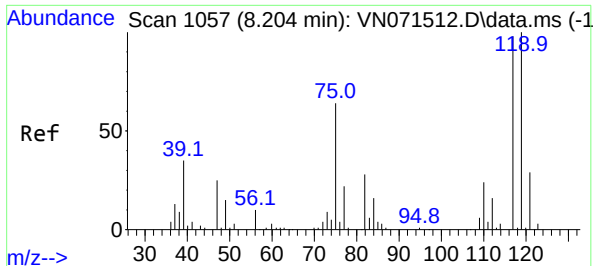


#32  
1,1,1-Trichloroethane  
Concen: 18.578 ug/l  
RT: 8.004 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



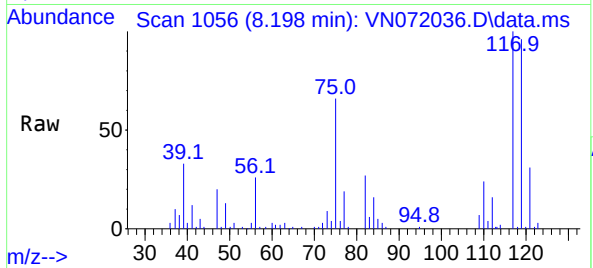
Tgt Ion: 97 Resp: 149460  
Ion Ratio Lower Upper  
97 100  
99 63.8 50.4 75.6  
61 43.4 34.6 51.8





#33  
Carbon Tetrachloride  
Concen: 18.472 ug/l  
RT: 8.198 min Scan# 1099  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

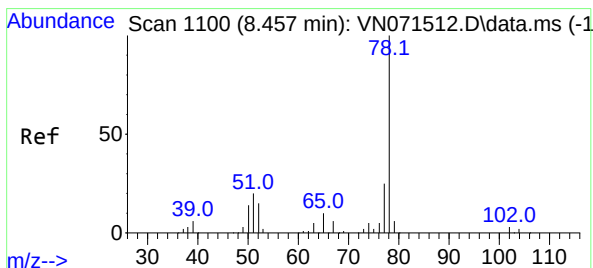
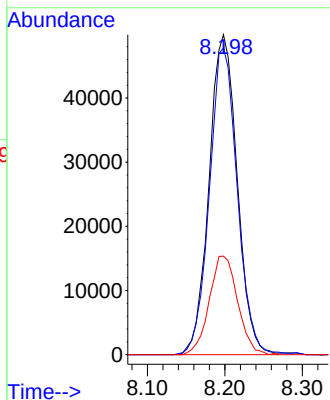
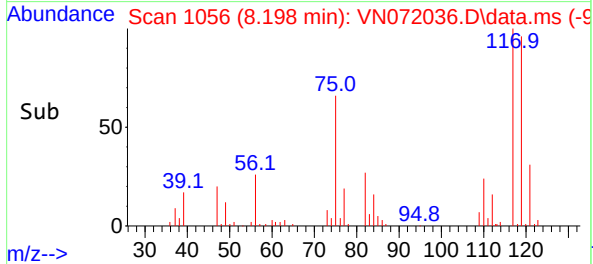
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



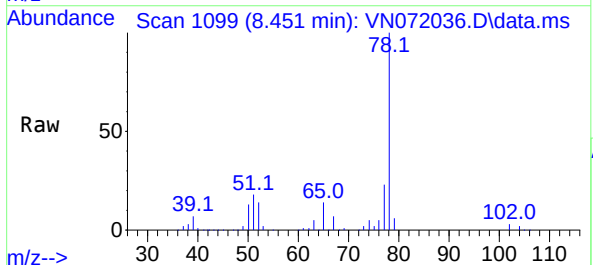
Tgt Ion:117 Resp: 125790  
Ion Ratio Lower Upper  
117 100  
119 95.6 77.5 116.3  
121 30.8 23.5 35.3

Manual Integrations  
APPROVED

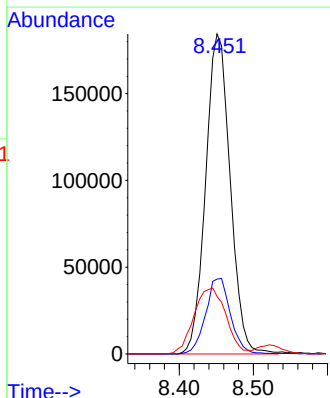
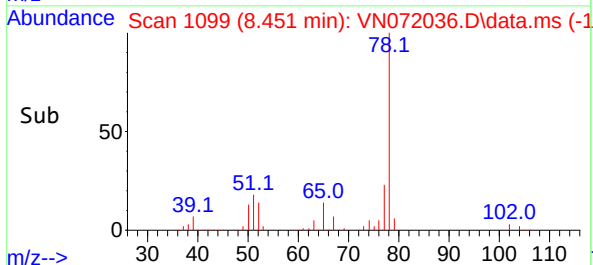
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

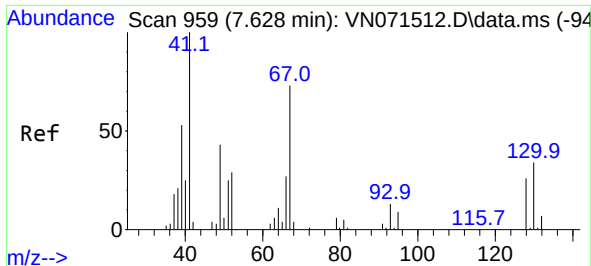


#34  
Benzene  
Concen: 19.785 ug/l  
RT: 8.451 min Scan# 1099  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion: 78 Resp: 424600  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.1 28.7  
51 16.3 16.0 24.0





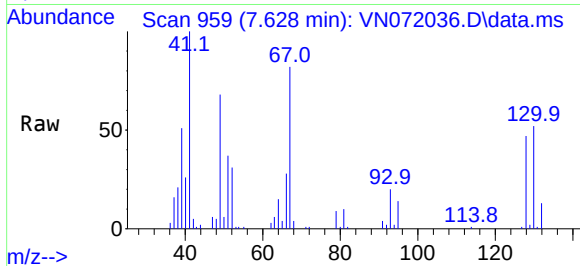
#35  
Methacrylonitrile  
Concen: 17.671 ug/l  
RT: 7.628 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

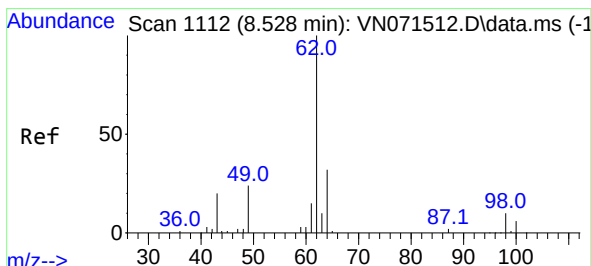
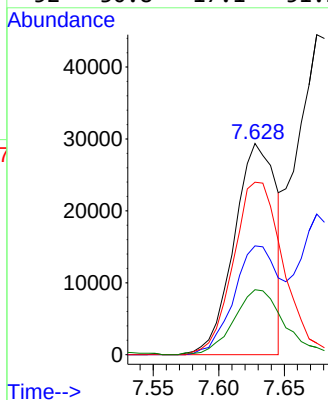
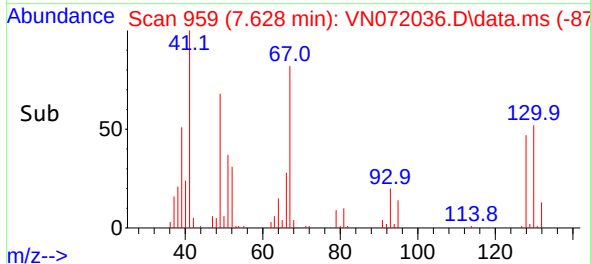


Tgt Ion: 41 Resp: 6518  
Ion Ratio Lower Upper  
41 100  
39 51.5 28.0 83.9  
67 81.6 37.7 113.1  
52 30.8 17.1 51.2

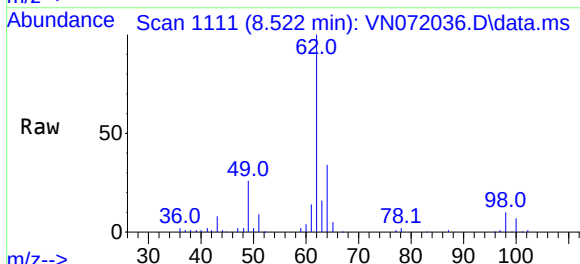
Manual Integrations

APPROVED

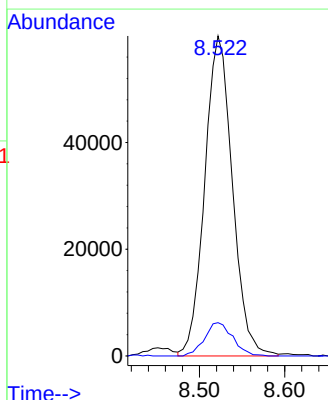
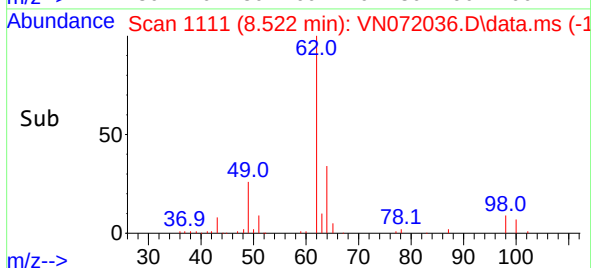
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

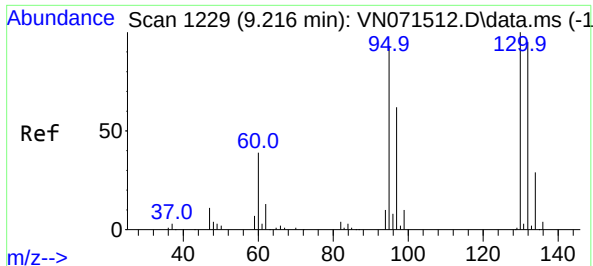


#36  
1,2-Dichloroethane  
Concen: 18.070 ug/l  
RT: 8.522 min Scan# 1111  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion: 62 Resp: 135285  
Ion Ratio Lower Upper  
62 100  
98 10.6 6.6 10.0#





#37  
Trichloroethene  
Concen: 19.440 ug/l  
RT: 9.210 min Scan# 1229  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Instrument :

MSVOA\_N

ClientSampleId :

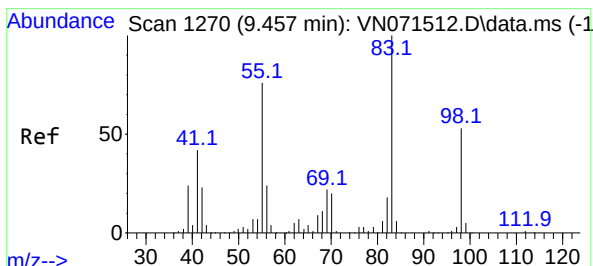
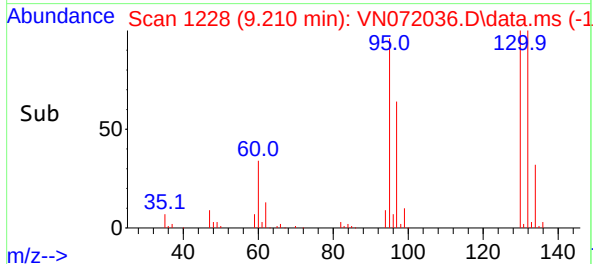
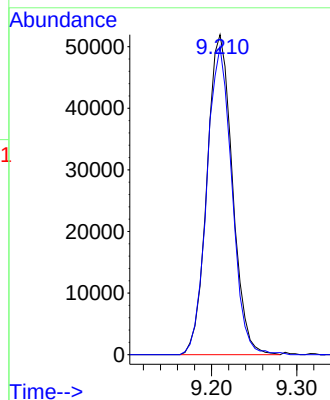
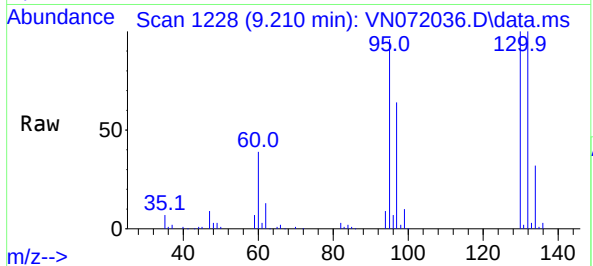
VSTDCCC020EC

Tgt Ion:130 Resp: 107640  
Ion Ratio Lower Upper  
130 100  
95 96.2 76.6 115.0

Manual Integrations

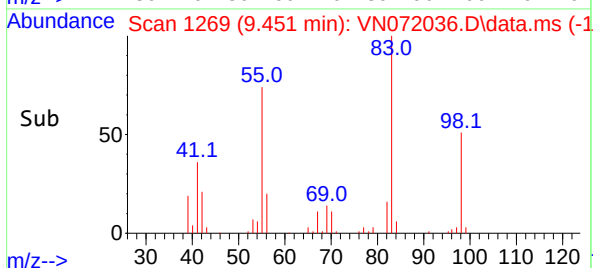
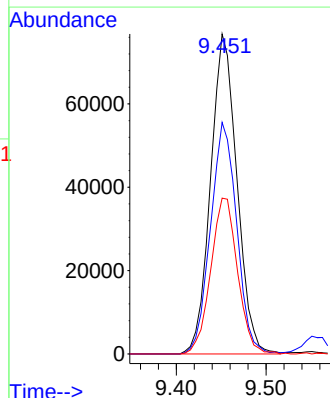
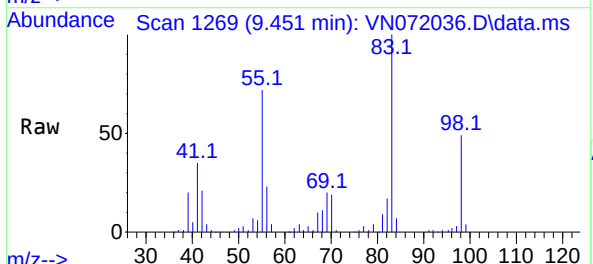
APPROVED

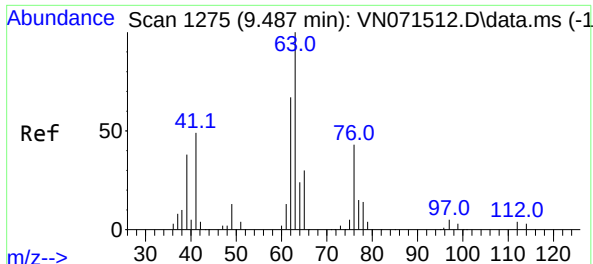
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#38  
Methylcyclohexane  
Concen: 17.980 ug/l  
RT: 9.451 min Scan# 1269  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Tgt Ion: 83 Resp: 156543  
Ion Ratio Lower Upper  
83 100  
55 72.1 35.1 105.3  
98 49.5 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.534 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 104884

Ion Ratio Lower Upper

63 100

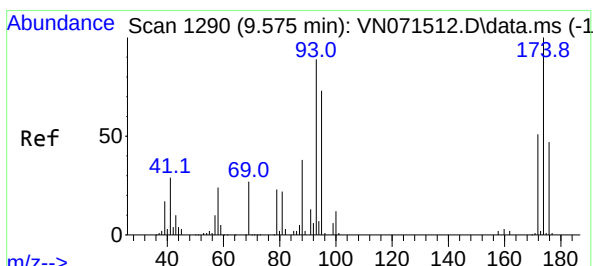
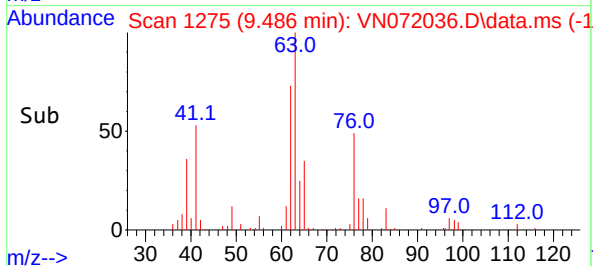
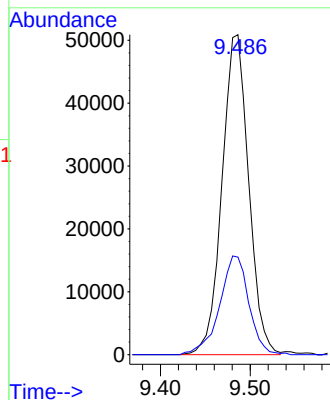
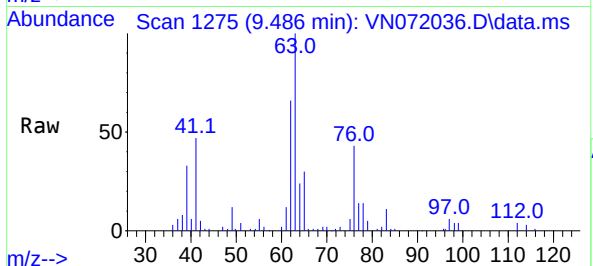
65 30.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2022

Supervised By :Mahesh Dadoda 04/19/2022



#40

Dibromomethane

Concen: 19.808 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

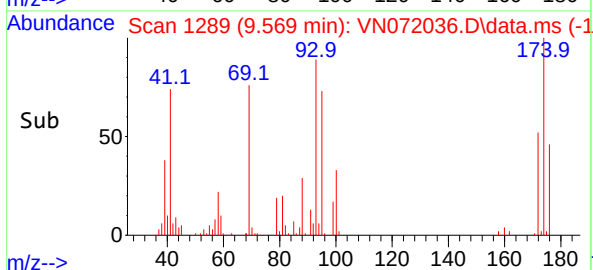
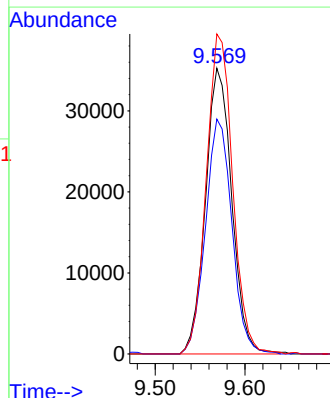
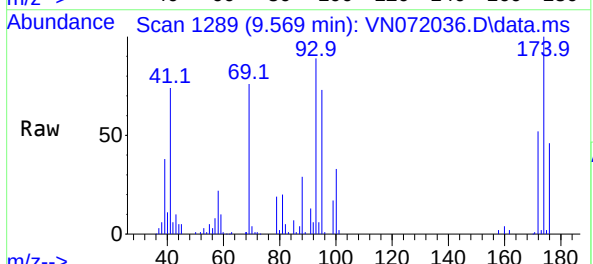
Tgt Ion: 93 Resp: 71989

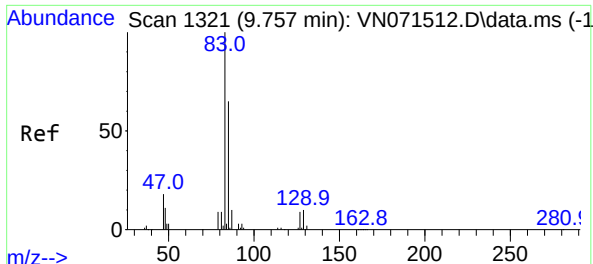
Ion Ratio Lower Upper

93 100

95 82.6 0.0 168.8

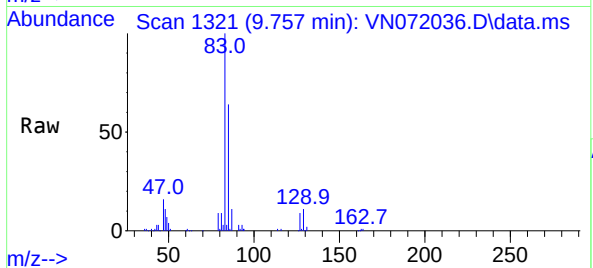
174 112.0 0.0 173.6





#41  
Bromodichloromethane  
Concen: 18.755 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

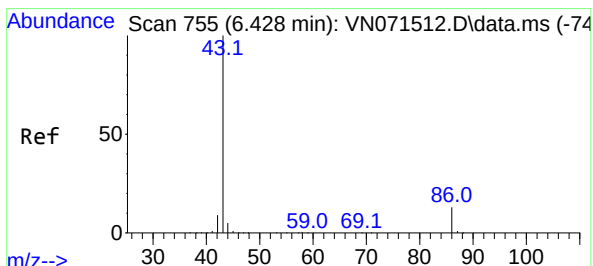
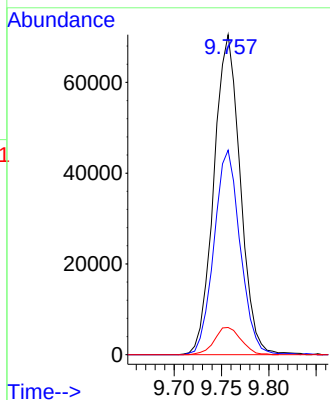
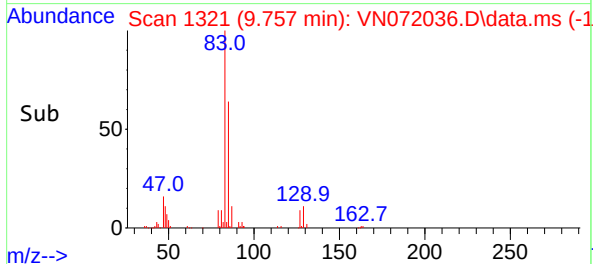
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



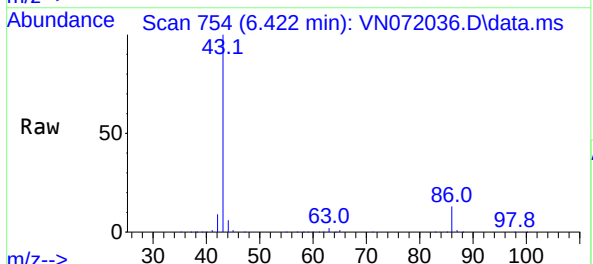
Tgt Ion: 83 Resp: 136398  
Ion Ratio Lower Upper  
83 100  
85 63.9 54.1 81.1  
127 8.5 7.6 11.4

Manual Integrations  
APPROVED

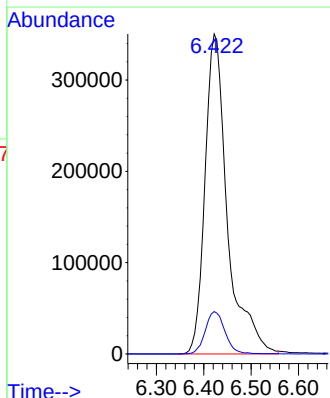
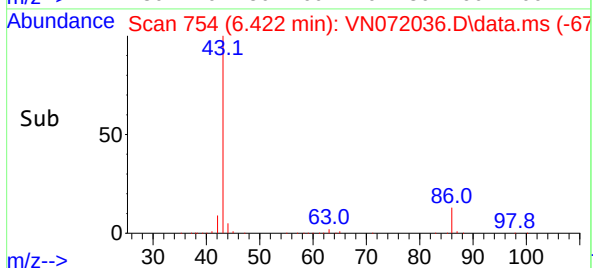
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



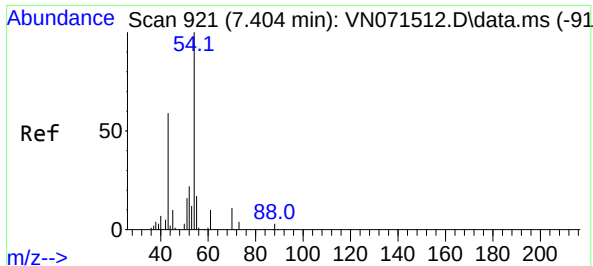
#42  
Vinyl Acetate  
Concen: 87.572 ug/l  
RT: 6.422 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion: 43 Resp: 1153705  
Ion Ratio Lower Upper  
43 100  
86 11.7 7.5 11.3#







#43

Ethyl Acetate

Concen: 18.198 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 13567

Ion Ratio Lower Upper

43 100

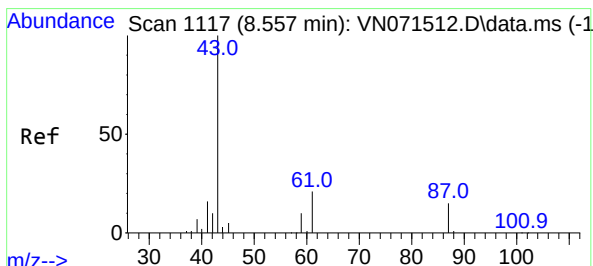
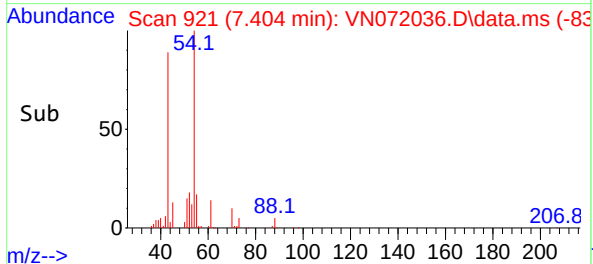
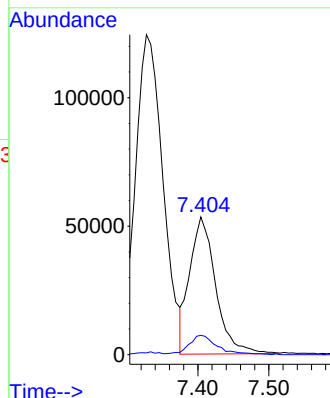
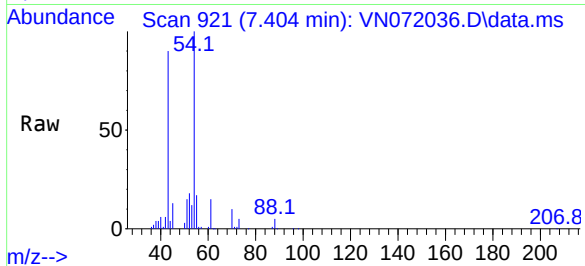
45 12.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2022

Supervised By :Mahesh Dadoda 04/19/2022



#44

Isopropyl Acetate

Concen: 17.861 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN072036.D

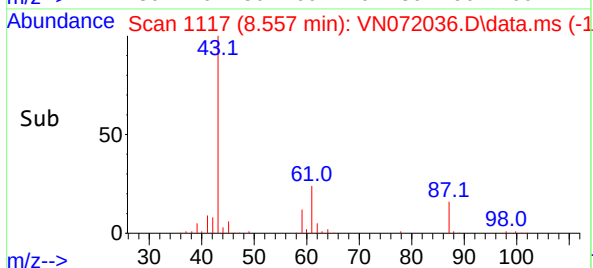
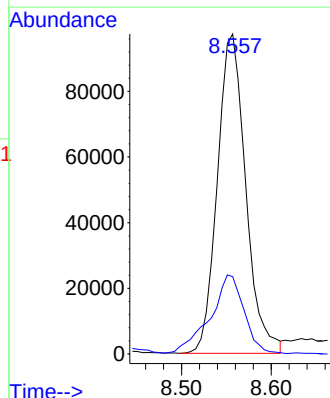
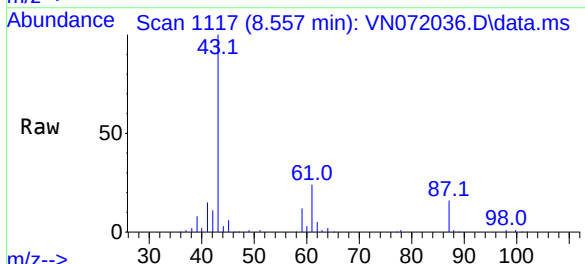
Acq: 18 Apr 2022 16:08

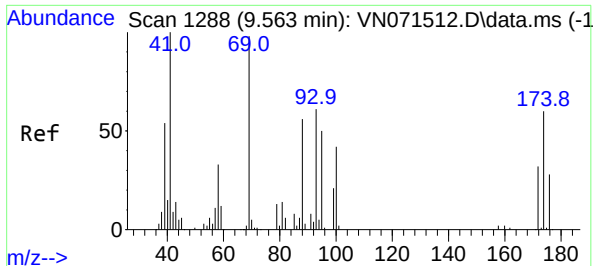
Tgt Ion: 43 Resp: 213580

Ion Ratio Lower Upper

43 100

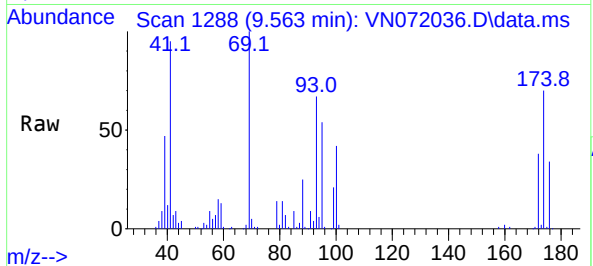
61 29.9 20.1 30.1





#45  
1,4-Dioxane  
Concen: 202.631 ug/l  
RT: 9.563 min Scan# 1288  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

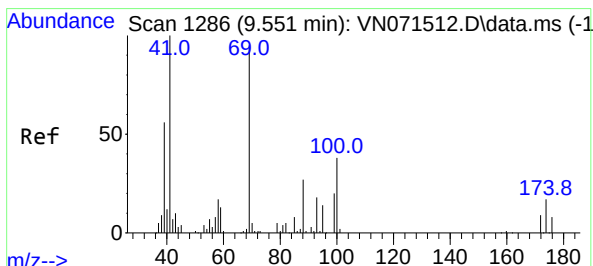
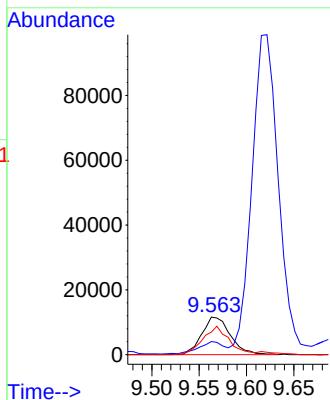
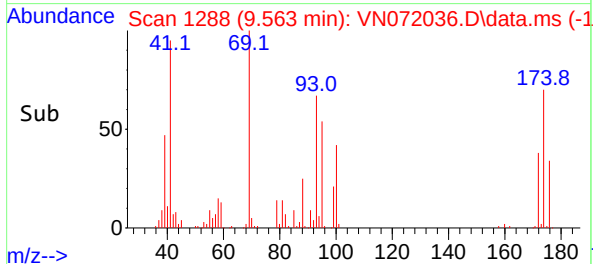
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



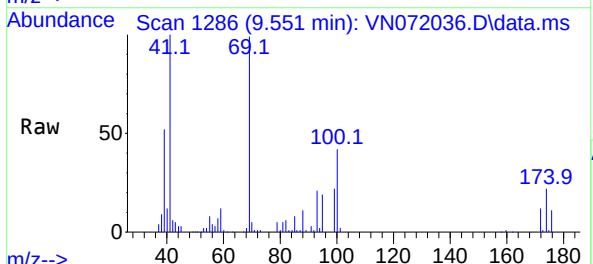
Tgt Ion: 88 Resp: 2444  
Ion Ratio Lower Upper  
88 100  
43 27.1 25.0 37.6  
58 69.4 49.4 74.2

Manual Integrations  
APPROVED

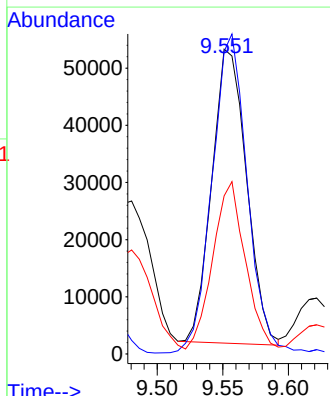
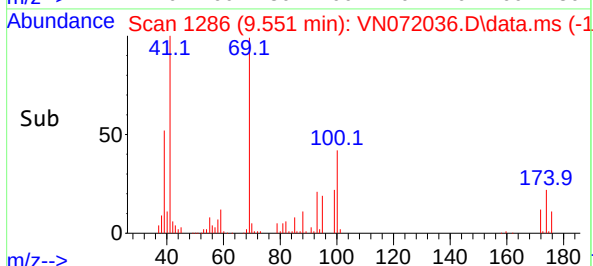
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

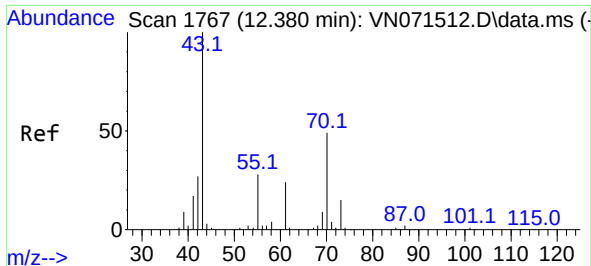


#46  
Methyl methacrylate  
Concen: 18.041 ug/l  
RT: 9.551 min Scan# 1286  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



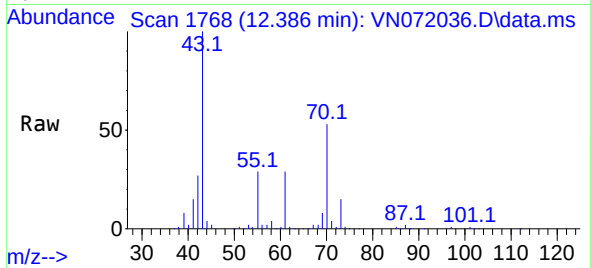
Tgt Ion: 41 Resp: 94606  
Ion Ratio Lower Upper  
41 100  
69 102.5 44.4 133.2  
39 51.7 39.9 119.6





#47  
n-amy1 Acetate  
Concen: 16.967 ug/l  
RT: 12.386 min Scan# 1767  
Delta R.T. 0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

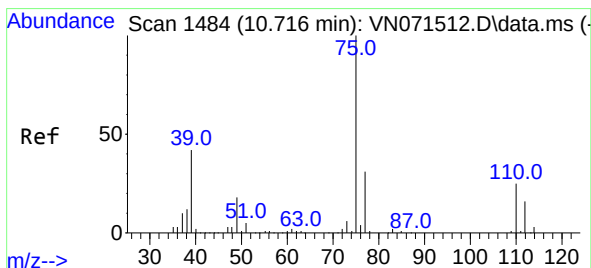
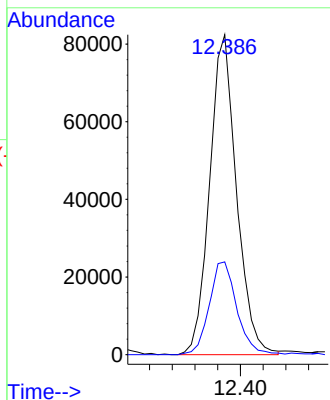
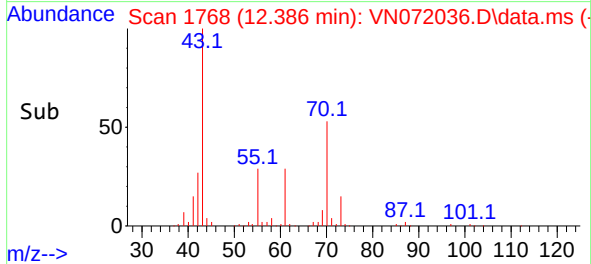
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



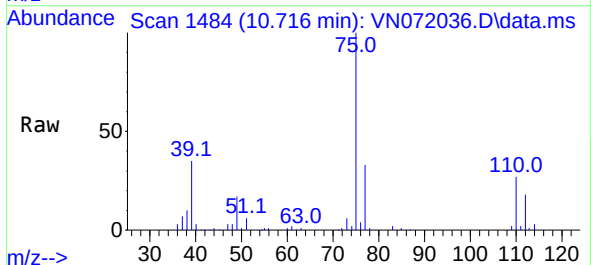
Tgt Ion: 43 Resp: 13539  
Ion Ratio Lower Upper  
43 100  
55 29.7 19.0 28.6

Manual Integrations  
APPROVED

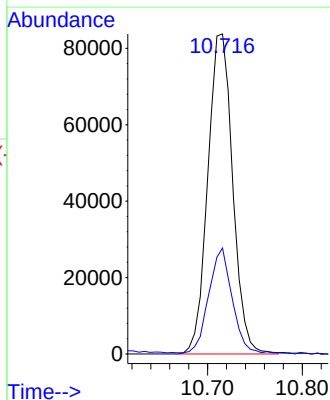
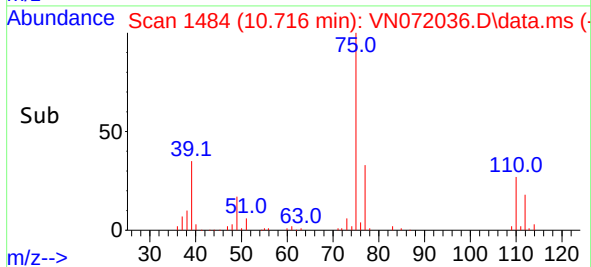
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

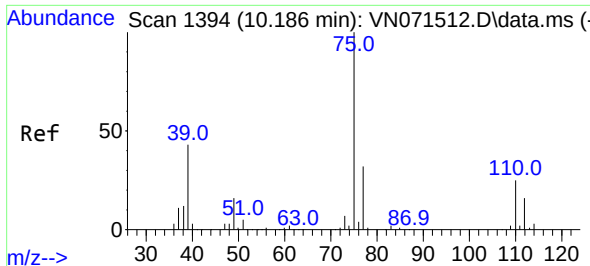


#48  
t-1,3-Dichloropropene  
Concen: 19.382 ug/l  
RT: 10.716 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion: 75 Resp: 153208  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.3 37.9





#49  
cis-1,3-Dichloropropene  
Concen: 18.913 ug/l  
RT: 10.180 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Instrument :

MSVOA\_N

ClientSampleId :

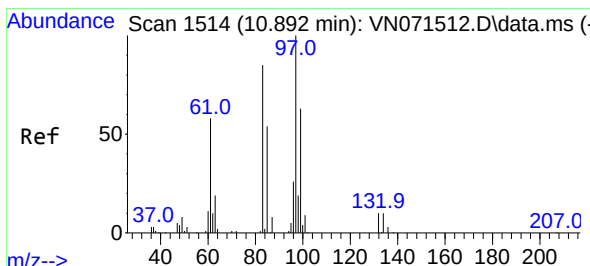
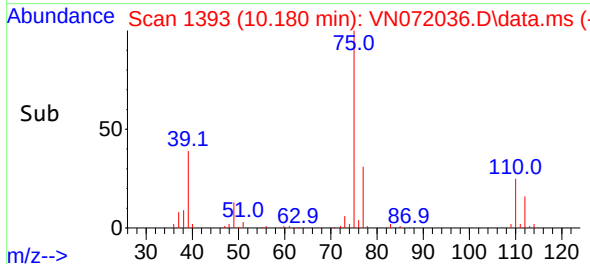
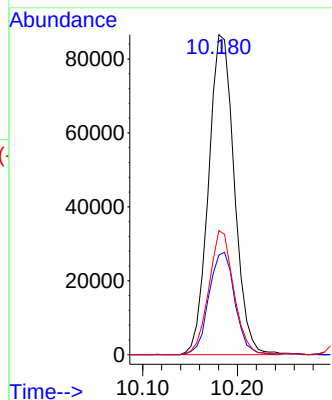
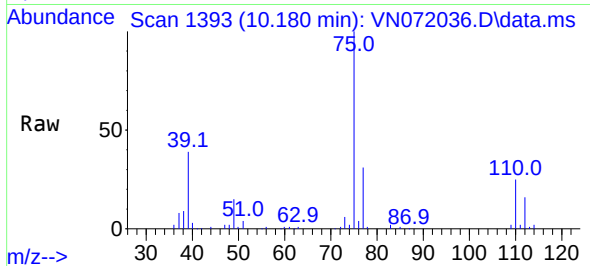
VSTDCCC020EC

Tgt Ion: 75 Resp: 16348  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.3 37.9  
39 38.8 46.2 69.4

Manual Integrations

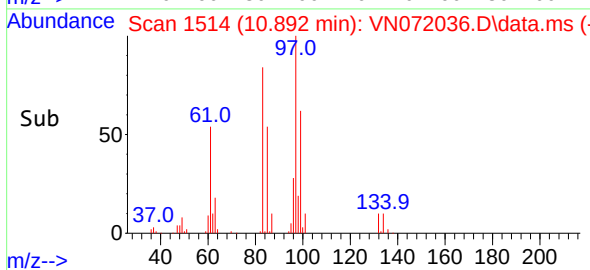
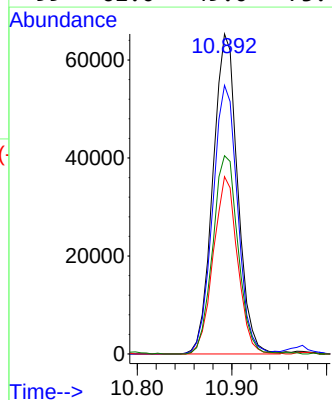
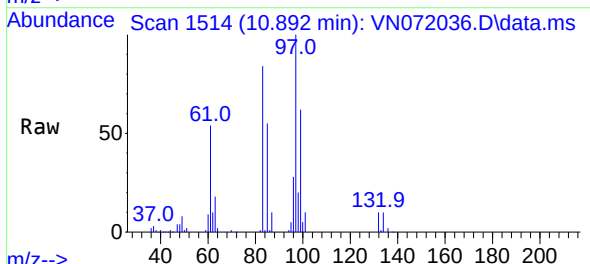
APPROVED

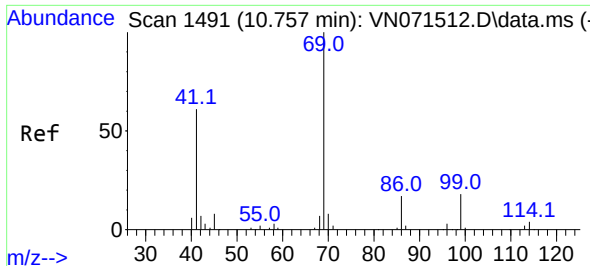
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#50  
1,1,2-Trichloroethane  
Concen: 21.813 ug/l  
RT: 10.892 min Scan# 1514  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Tgt Ion: 97 Resp: 118511  
Ion Ratio Lower Upper  
97 100  
83 83.9 67.2 100.8  
85 55.4 43.0 64.4  
99 62.0 49.0 73.4





#51  
Ethyl methacrylate  
Concen: 20.958 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Instrument :

MSVOA\_N

ClientSampleId :

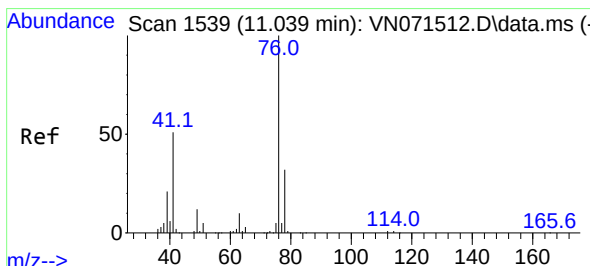
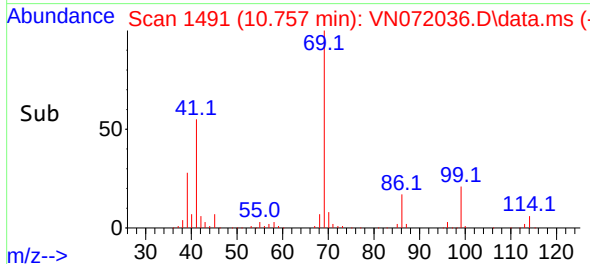
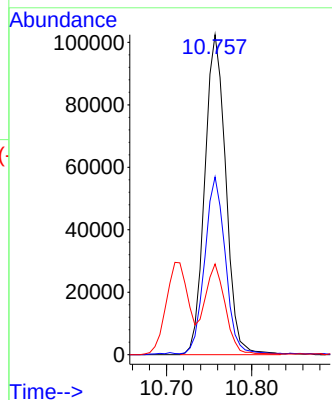
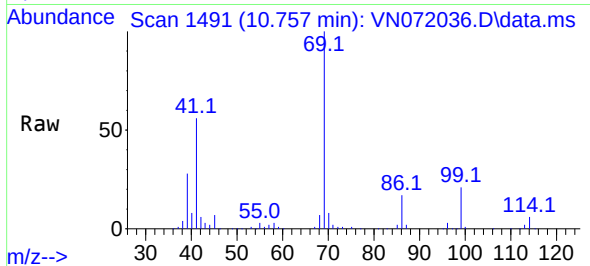
VSTDCCC020EC

Tgt Ion: 69 Resp: 175810  
Ion Ratio Lower Upper  
69 100  
41 55.3 33.0 98.9  
39 28.2 25.4 76.4

Manual Integrations

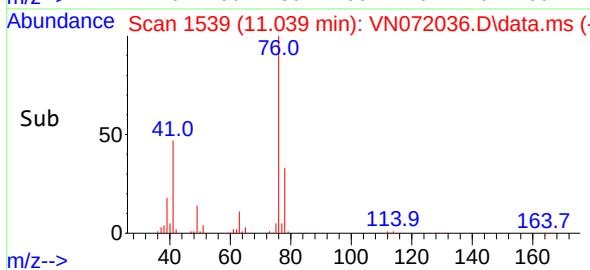
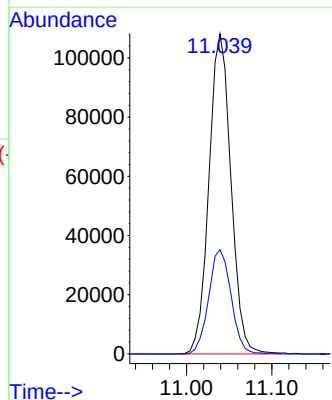
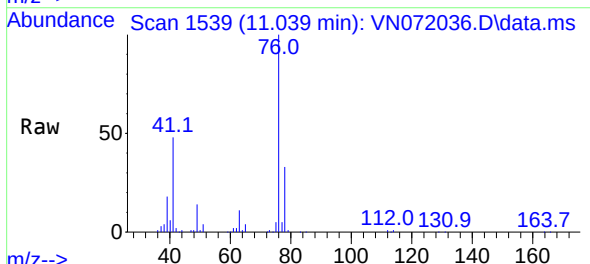
APPROVED

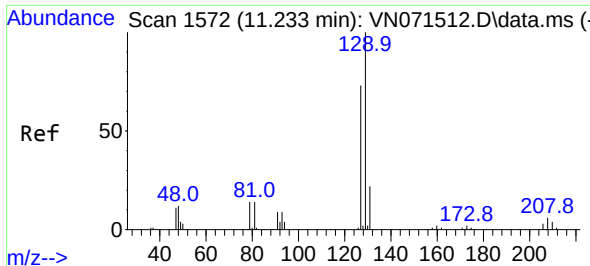
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#52  
1,3-Dichloropropane  
Concen: 20.917 ug/l  
RT: 11.039 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

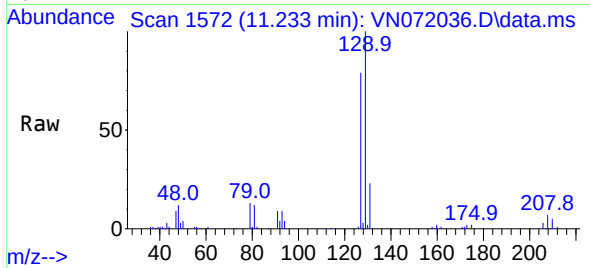
Tgt Ion: 76 Resp: 194075  
Ion Ratio Lower Upper  
76 100  
78 33.2 0.0 65.4





#53  
Dibromochloromethane  
Concen: 21.095 ug/l  
RT: 11.233 min Scan# 118640  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

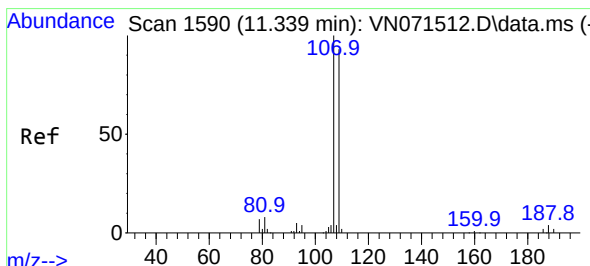
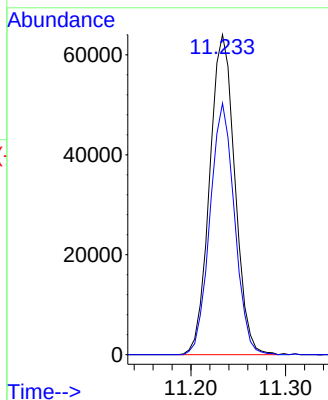
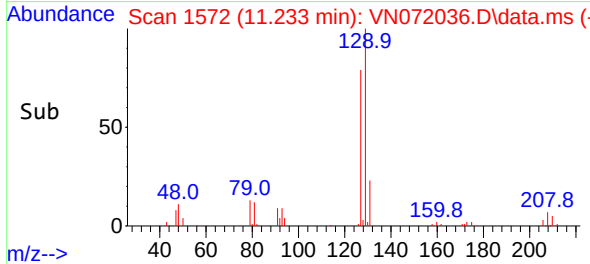
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



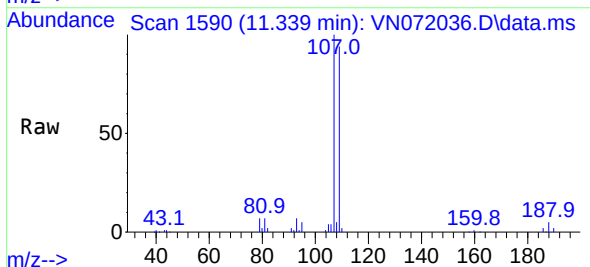
Tgt Ion:129 Resp: 118640  
Ion Ratio Lower Upper  
129 100  
127 76.4 39.0 117.0

Manual Integrations  
APPROVED

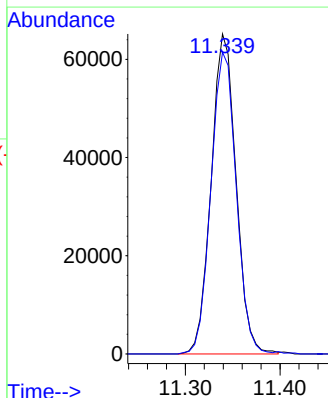
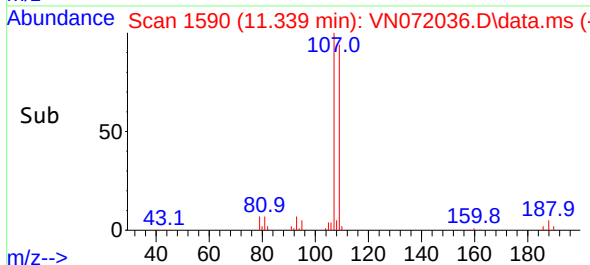
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

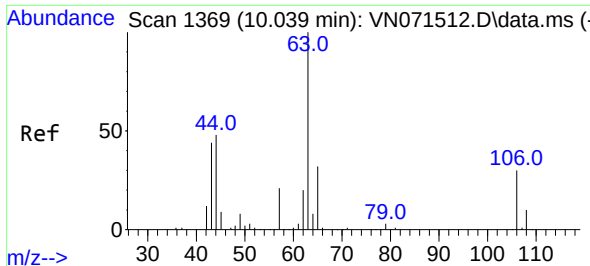


#54  
1,2-Dibromoethane  
Concen: 21.243 ug/l  
RT: 11.339 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



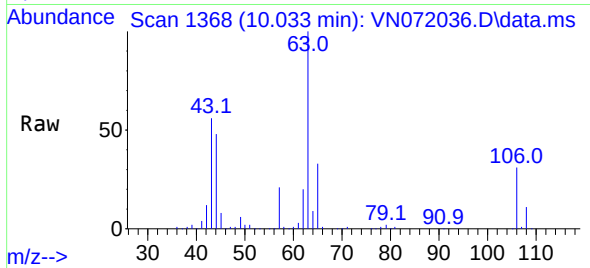
Tgt Ion:107 Resp: 118723  
Ion Ratio Lower Upper  
107 100  
109 95.8 72.8 109.2





#55  
2-Chloroethyl vinyl ether  
Concen: 116.020 ug/l  
RT: 10.033 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

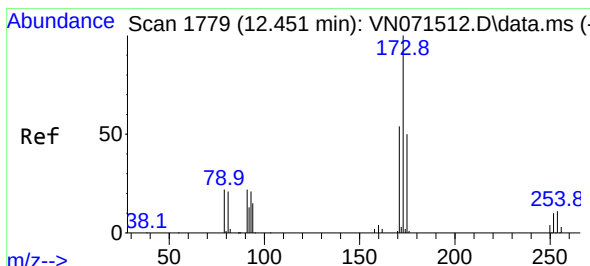
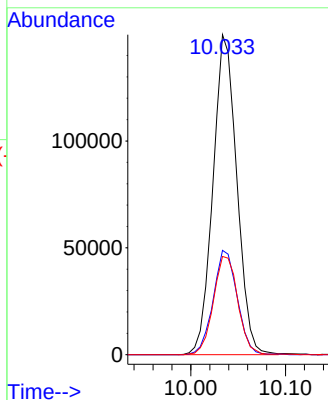
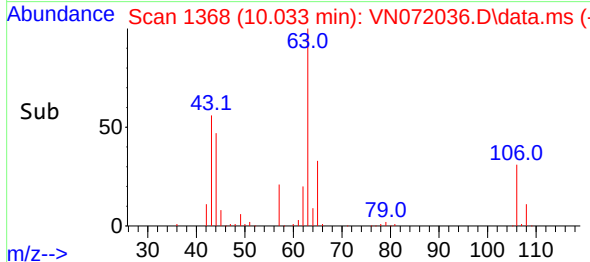
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



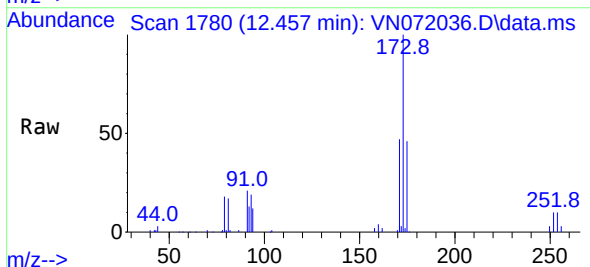
Tgt Ion: 63 Resp: 262220  
Ion Ratio Lower Upper  
63 100  
65 32.9 25.4 38.0  
106 31.5 23.2 34.8

Manual Integrations  
APPROVED

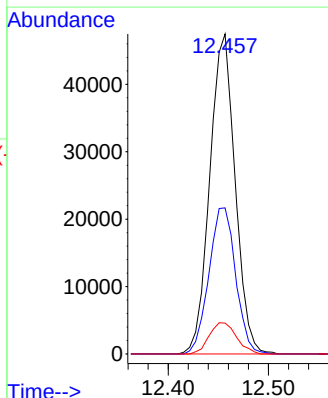
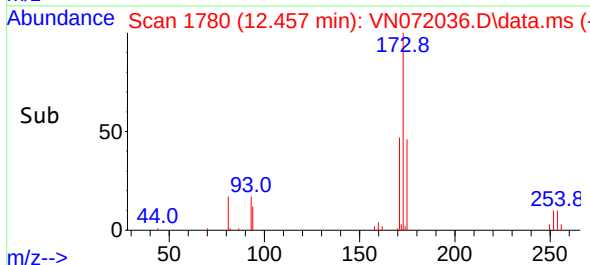
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

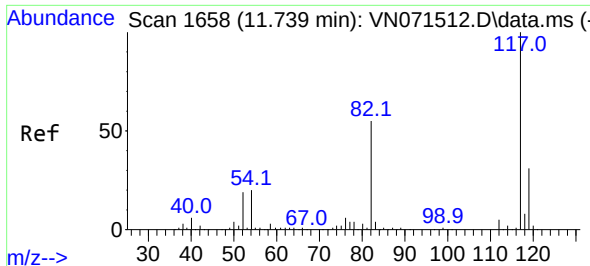


#56  
Bromoform  
Concen: 19.254 ug/l  
RT: 12.457 min Scan# 1780  
Delta R.T. 0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



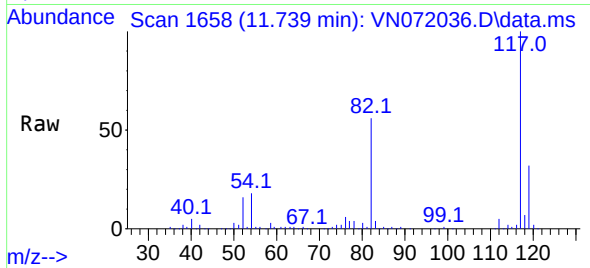
Tgt Ion:173 Resp: 83490  
Ion Ratio Lower Upper  
173 100  
175 48.2 38.6 58.0  
254 10.5 0.0 0.0#





#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

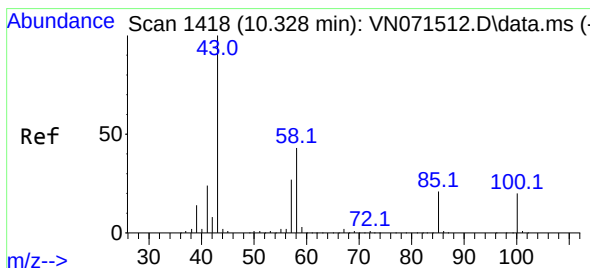
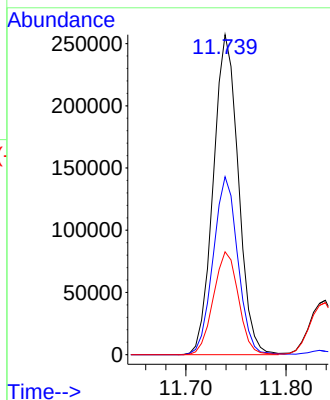
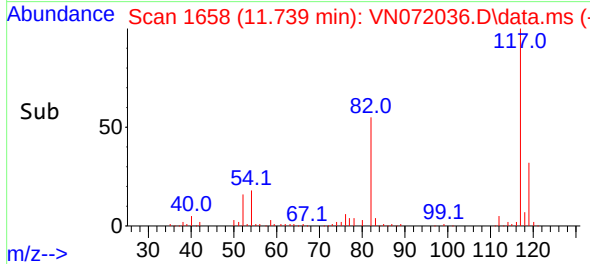
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



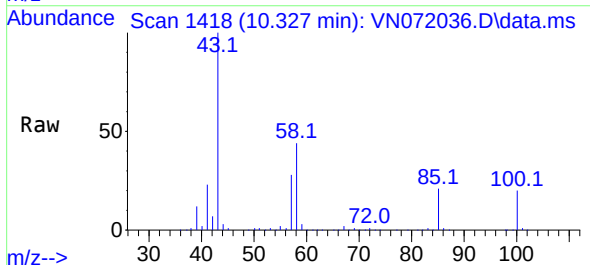
Tgt Ion: 117 Resp: 446200  
Ion Ratio Lower Upper  
117 100  
82 54.8 43.6 65.4  
119 32.2 25.8 38.6

Manual Integrations  
APPROVED

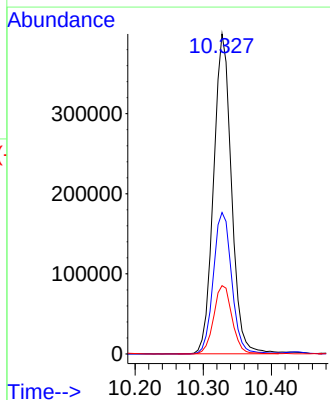
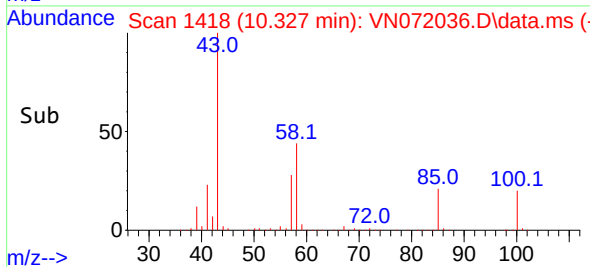
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



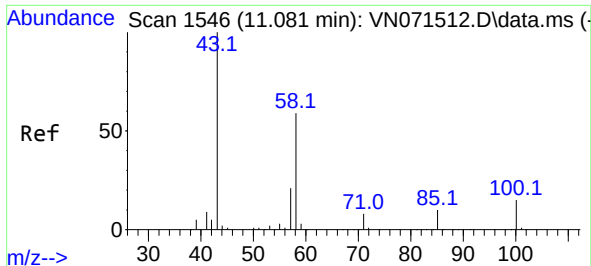
#58  
4-Methyl-2-Pentanone  
Concen: 86.220 ug/l  
RT: 10.327 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion: 43 Resp: 730313  
Ion Ratio Lower Upper  
43 100  
58 45.5 30.0 45.0#  
85 22.0 15.0 22.6

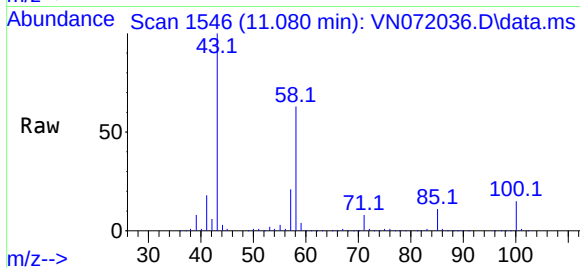






#59  
2-Hexanone  
Concen: 78.130 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

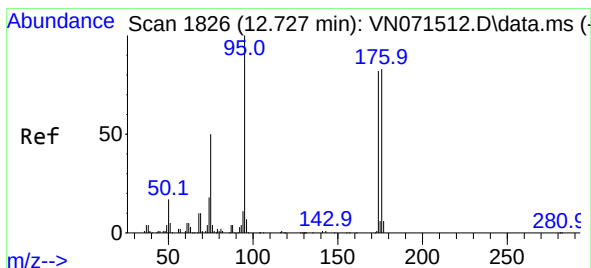
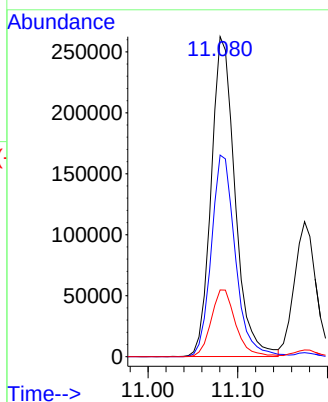
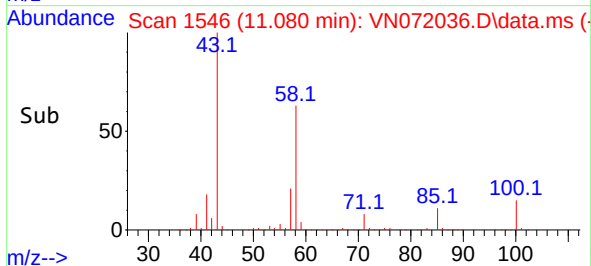
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



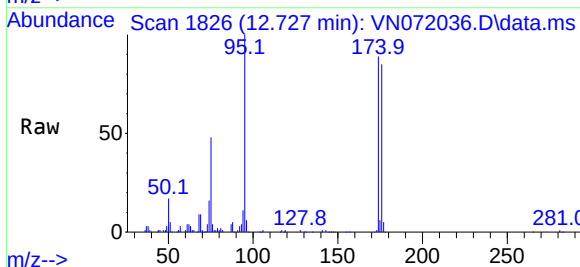
Tgt Ion: 43 Resp: 48317  
Ion Ratio Lower Upper  
43 100  
58 63.6 42.2 63.2  
57 21.4 15.0 22.4

Manual Integrations  
APPROVED

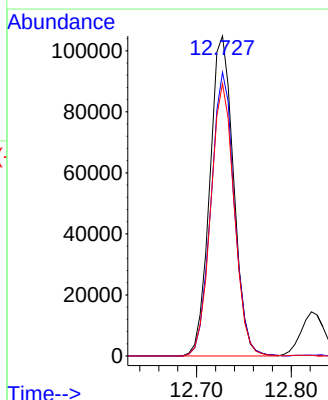
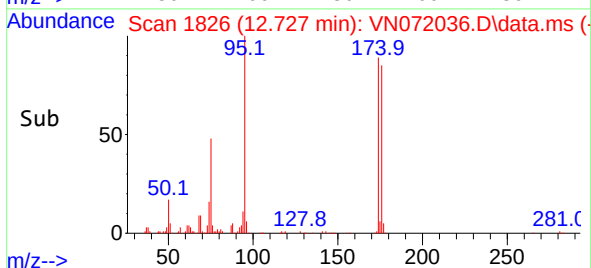
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

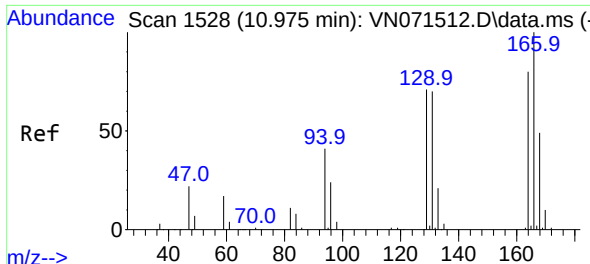


#60  
4-Bromofluorobenzene  
Concen: 27.633 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



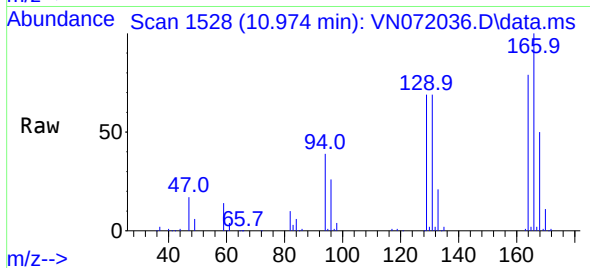
Tgt Ion: 95 Resp: 182824  
Ion Ratio Lower Upper  
95 100  
174 86.8 62.9 94.3  
176 83.9 61.0 91.4





#61  
Tetrachloroethene  
Concen: 18.442 ug/l  
RT: 10.974 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

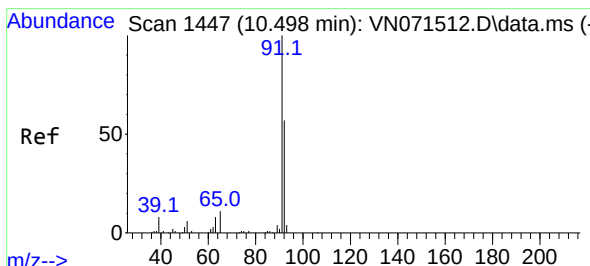
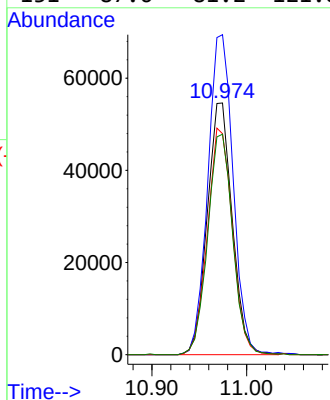
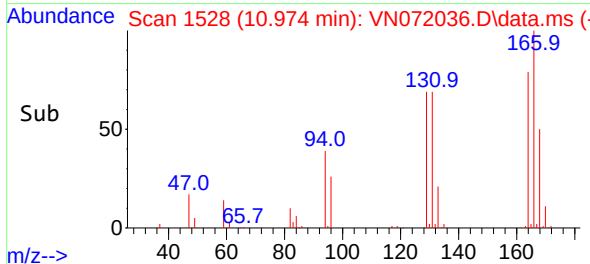
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



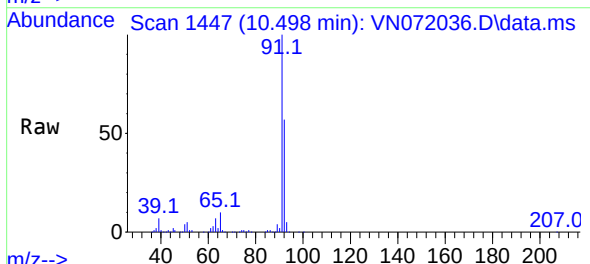
Tgt Ion:164 Resp: 10015  
Ion Ratio Lower Upper  
164 100  
166 127.1 105.8 158.8  
129 87.8 82.5 123.7  
131 87.6 81.2 121.8

Manual Integrations  
APPROVED

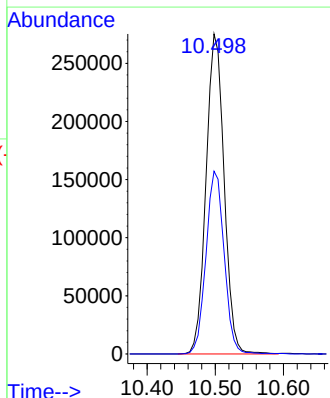
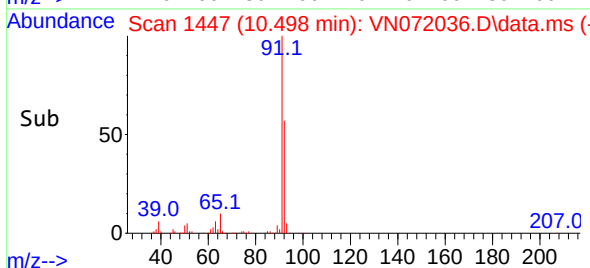
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

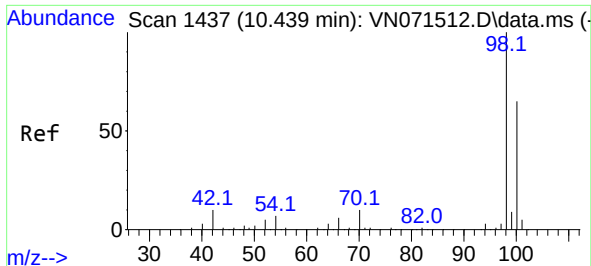


#62  
Toluene  
Concen: 18.776 ug/l  
RT: 10.498 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion: 91 Resp: 508010  
Ion Ratio Lower Upper  
91 100  
92 57.4 44.6 67.0





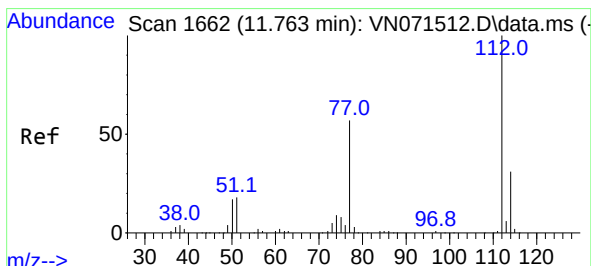
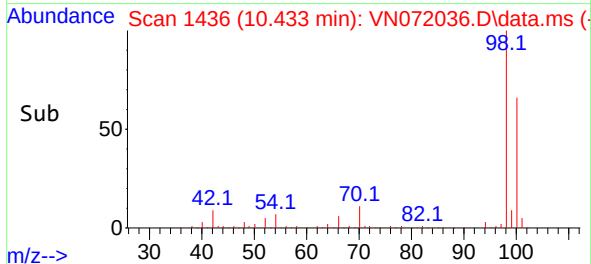
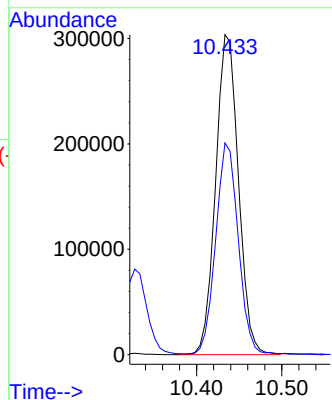
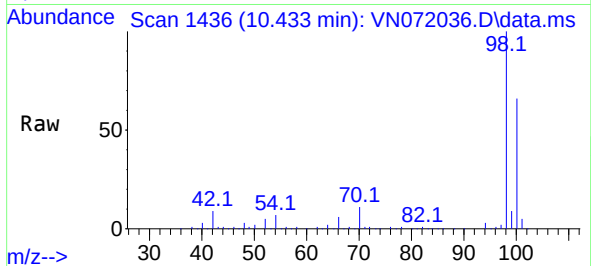
#63  
Toluene-d8  
Concen: 27.936 ug/l  
RT: 10.433 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion: 98 Resp: 56585  
Ion Ratio Lower Upper  
98 100  
100 65.5 50.6 76.0

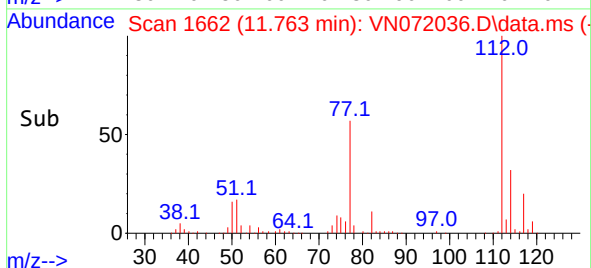
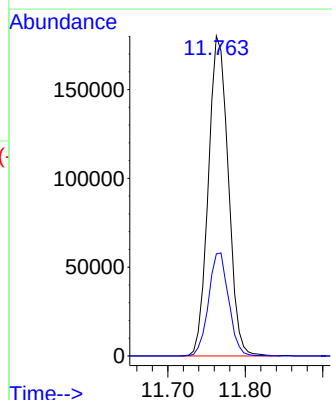
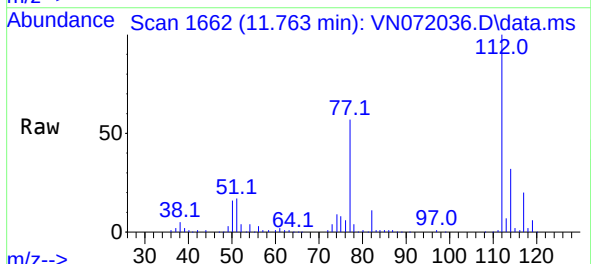
Manual Integrations  
APPROVED

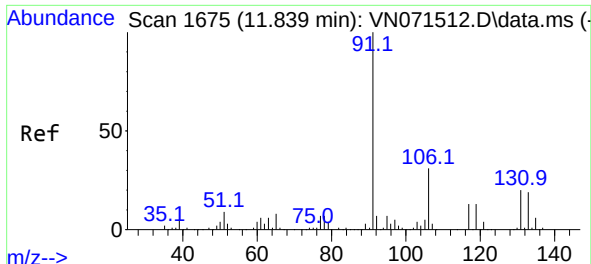
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#64  
Chlorobenzene  
Concen: 19.315 ug/l  
RT: 11.763 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

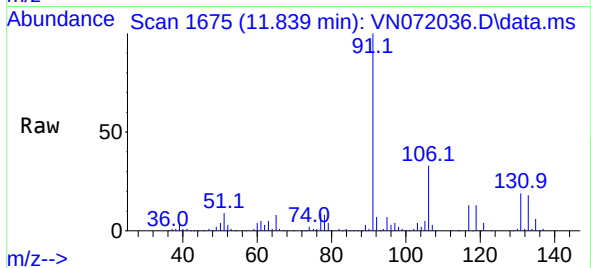
Tgt Ion:112 Resp: 322342  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.8 38.6





#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.376 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

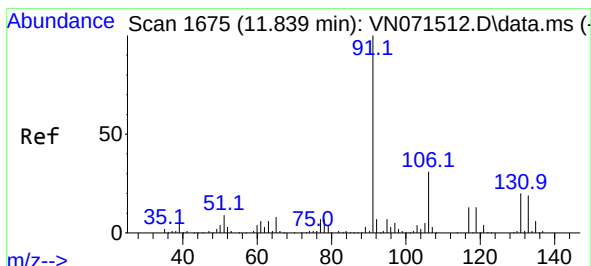
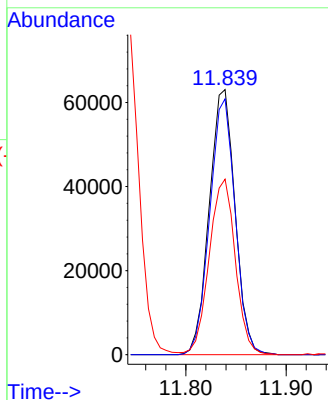
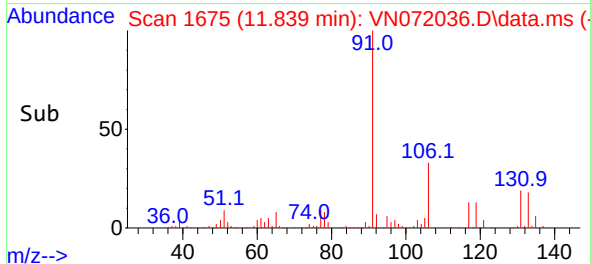
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



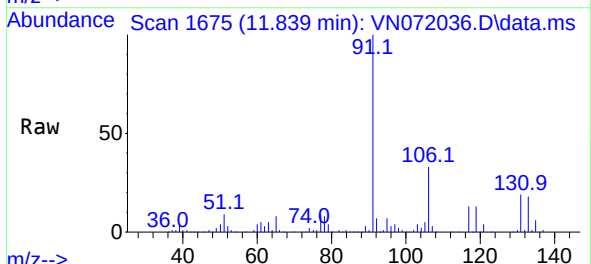
Tgt Ion:131 Resp: 112507  
Ion Ratio Lower Upper  
131 100  
133 95.2 0.0 191.2  
119 67.2 0.0 128.8

Manual Integrations  
APPROVED

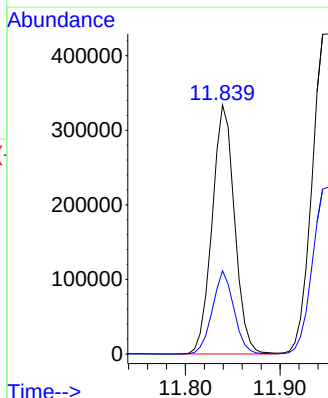
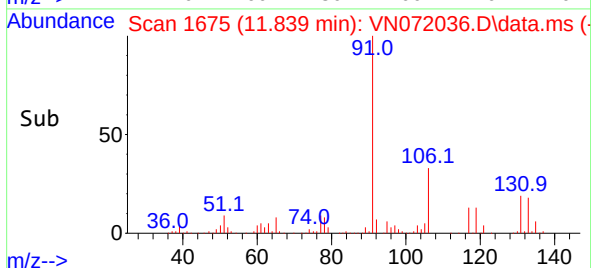
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

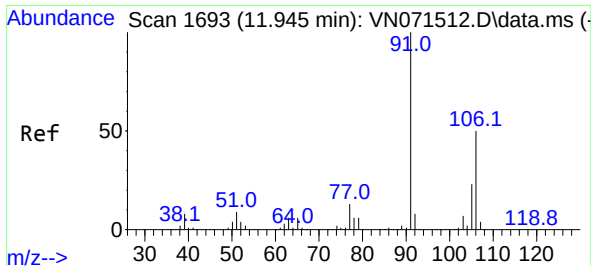


#66  
Ethyl Benzene  
Concen: 18.663 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion: 91 Resp: 548743  
Ion Ratio Lower Upper  
91 100  
106 33.4 24.0 36.0





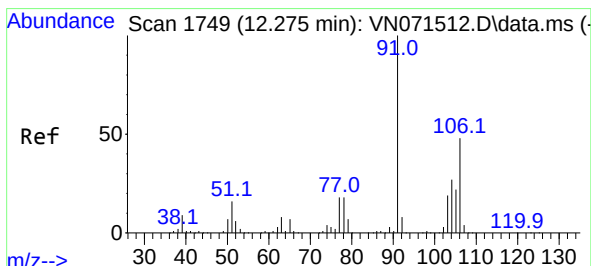
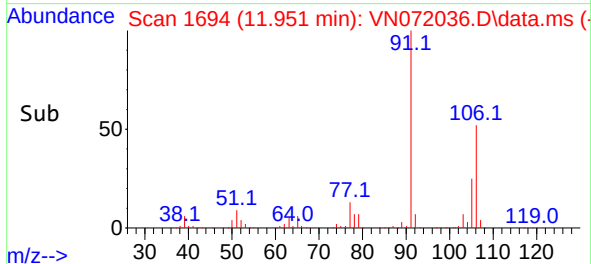
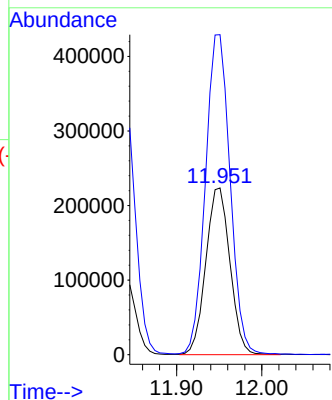
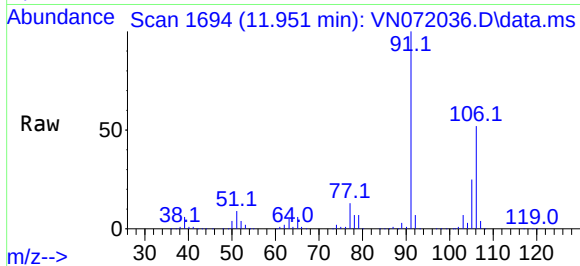
#67  
m/p-Xylenes  
Concen: 38.568 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. 0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion:106 Resp: 441150  
Ion Ratio Lower Upper  
106 100  
91 195.4 162.9 244.3

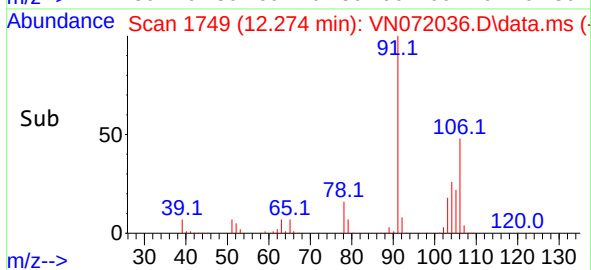
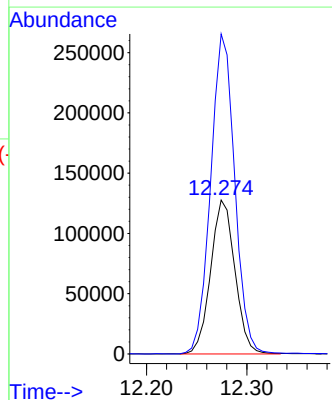
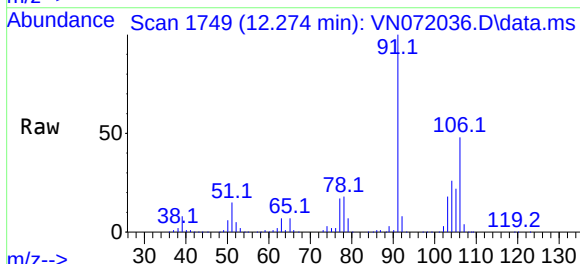
Manual Integrations  
APPROVED

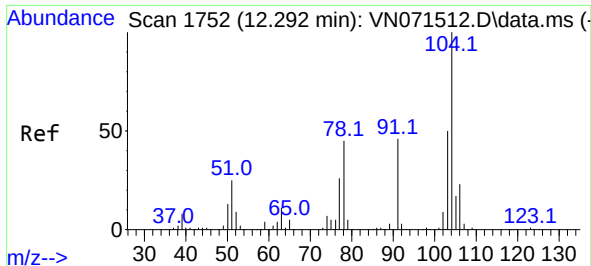
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#68  
o-Xylene  
Concen: 18.856 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Tgt Ion:106 Resp: 214369  
Ion Ratio Lower Upper  
106 100  
91 206.3 107.7 323.1





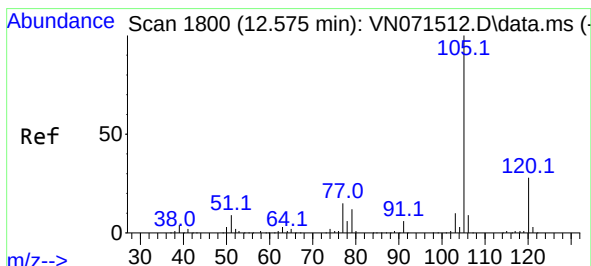
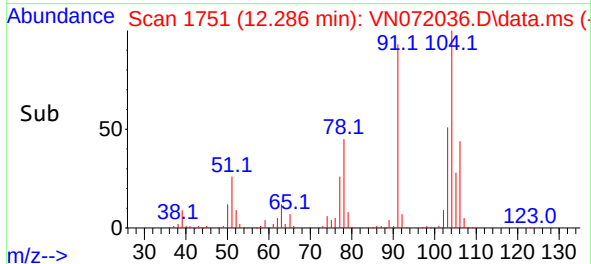
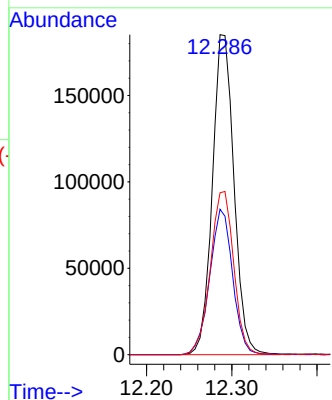
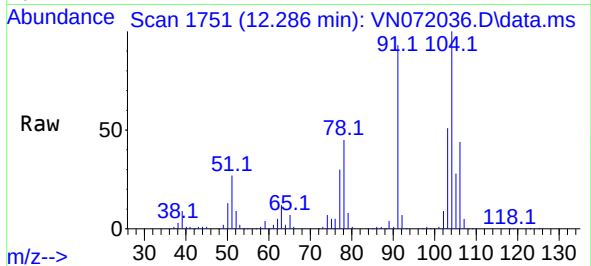
#69  
Styrene  
Concen: 18.241 ug/l  
RT: 12.286 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion:104 Resp: 32637  
Ion Ratio Lower Upper  
104 100  
78 48.3 40.7 61.1  
103 55.2 45.8 68.8

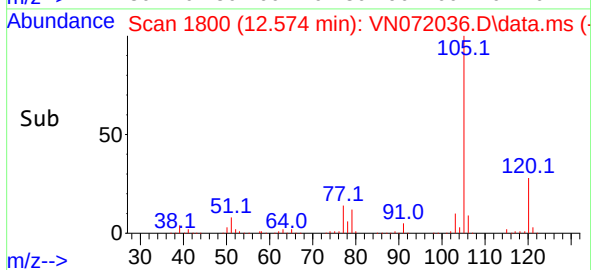
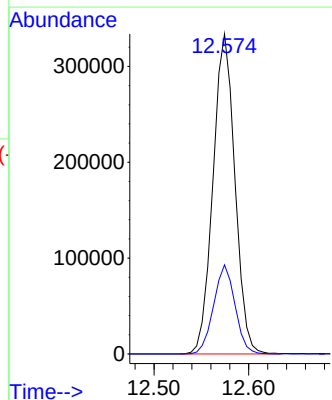
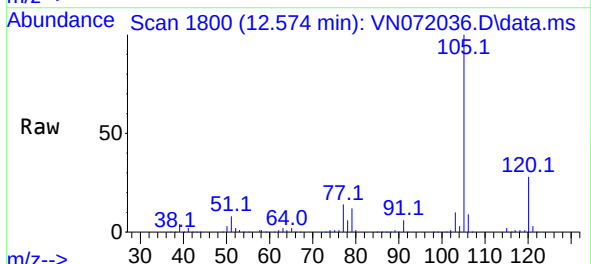
Manual Integrations  
APPROVED

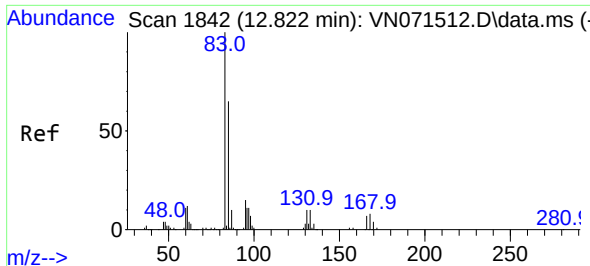
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#70  
Isopropylbenzene  
Concen: 18.797 ug/l  
RT: 12.574 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

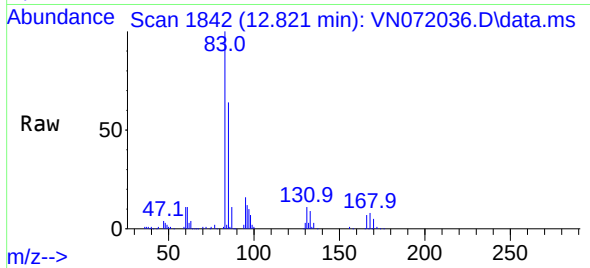
Tgt Ion:105 Resp: 536371  
Ion Ratio Lower Upper  
105 100  
120 27.2 18.3 34.1





#71  
1,1,2,2-Tetrachloroethane  
Concen: 16.947 ug/l  
RT: 12.821 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

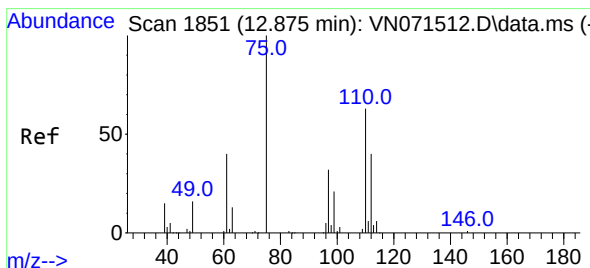
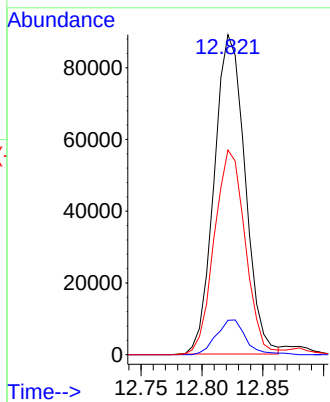
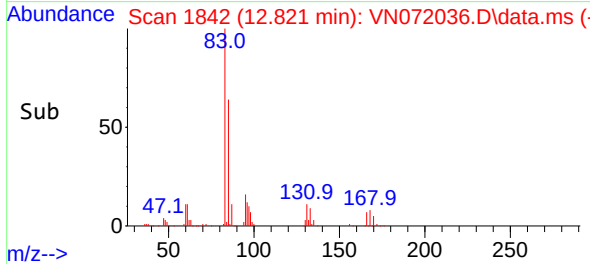
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



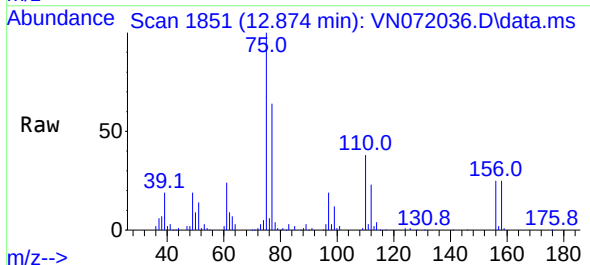
Tgt Ion: 83 Resp: 157384  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.1 15.3  
85 64.2 33.1 99.2

Manual Integrations  
APPROVED

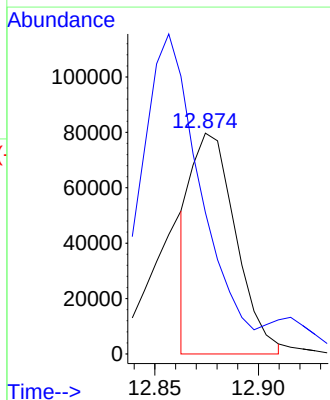
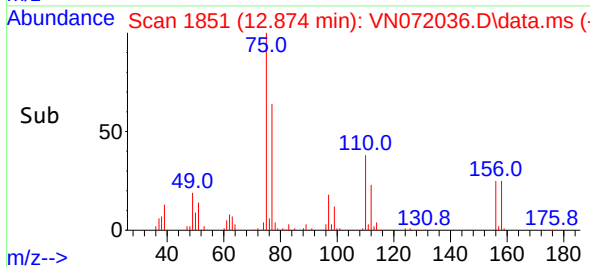
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

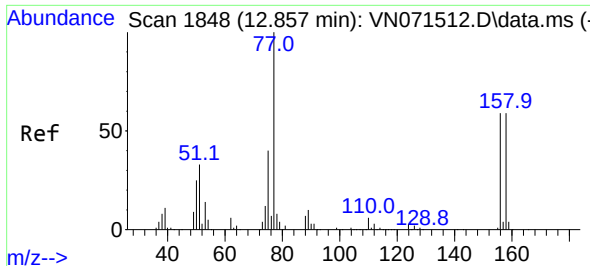


#72  
1,2,3-Trichloropropane  
Concen: 14.939 ug/l m  
RT: 12.874 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



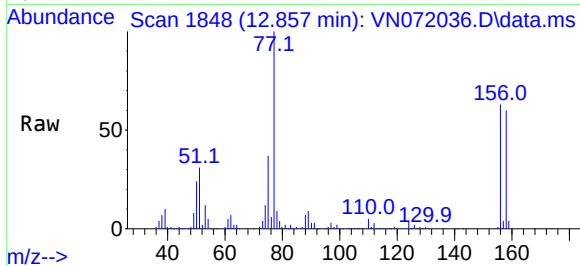
Tgt Ion: 75 Resp: 119187  
Ion Ratio Lower Upper  
75 100  
77 196.0 0.0 378.0





#73  
Bromobenzene  
Concen: 17.776 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

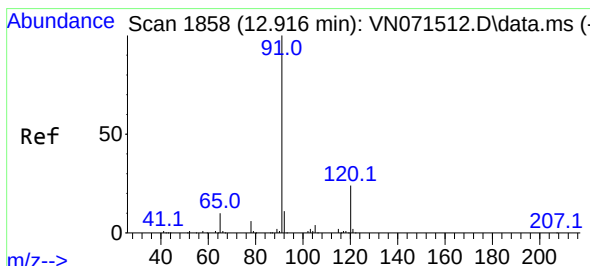
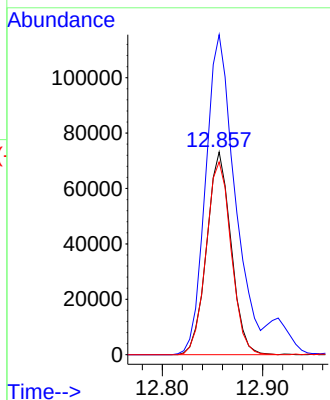
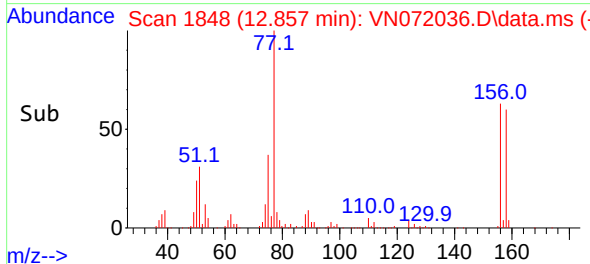
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



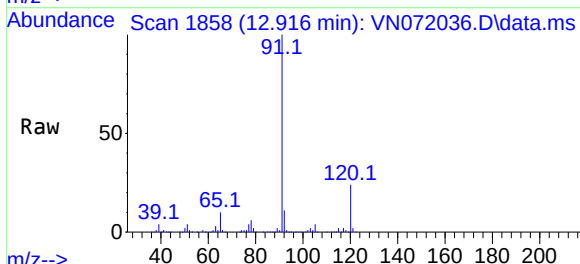
Tgt Ion:156 Resp: 123740  
Ion Ratio Lower Upper  
156 100  
77 188.8 0.0 416.0  
158 97.3 0.0 195.4

Manual Integrations  
APPROVED

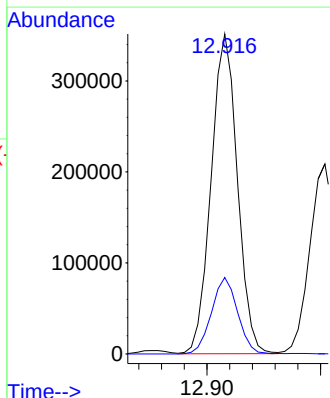
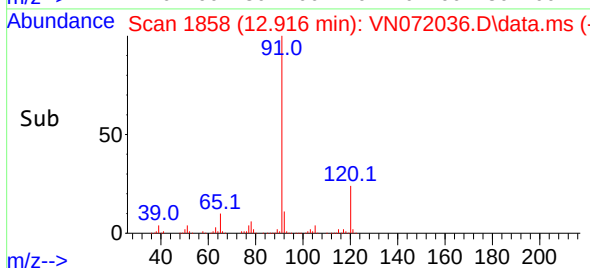
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



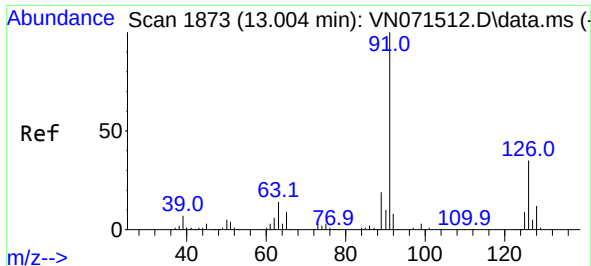
#74  
n-propylbenzene  
Concen: 18.105 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion: 91 Resp: 563833  
Ion Ratio Lower Upper  
91 100  
120 23.7 0.0 45.0







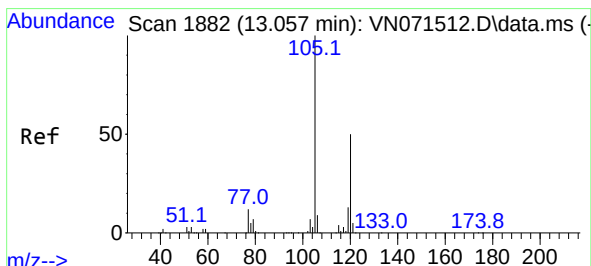
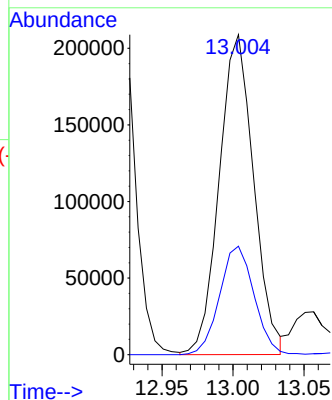
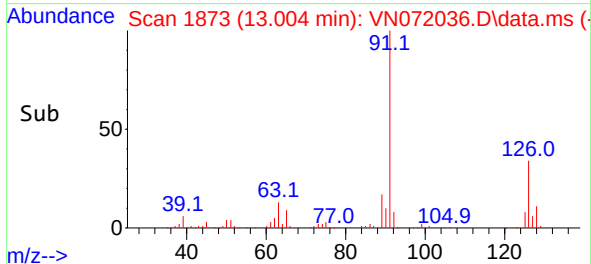
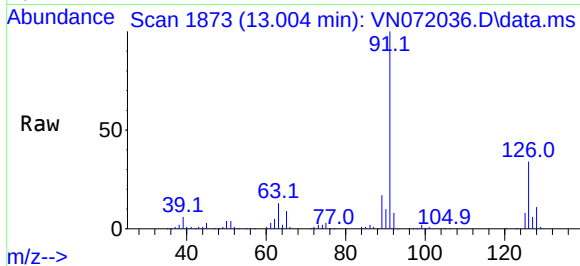
#75  
2-Chlorotoluene  
Concen: 18.084 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion: 91 Resp: 351952  
Ion Ratio Lower Upper  
91 100  
126 34.0 0.0 69.8

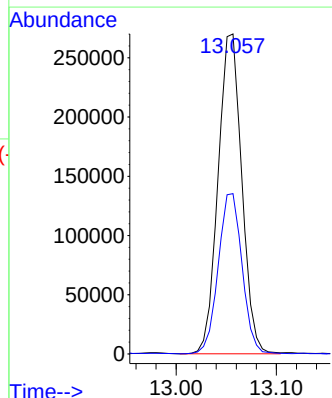
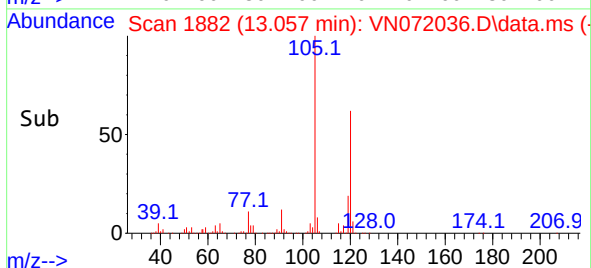
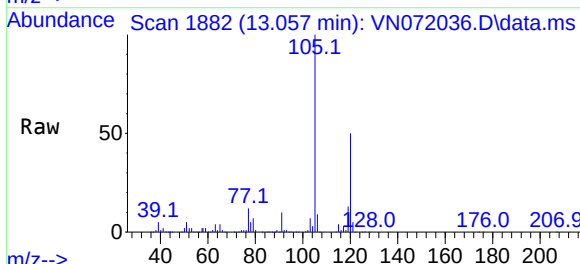
Manual Integrations  
APPROVED

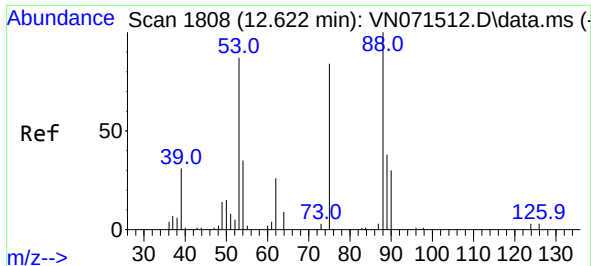
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#76  
1,3,5-Trimethylbenzene  
Concen: 19.385 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

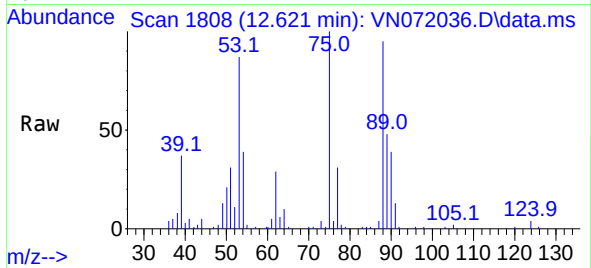
Tgt Ion:105 Resp: 443761  
Ion Ratio Lower Upper  
105 100  
120 50.3 0.0 93.8





#77  
t-1,4-Dichloro-2-butene  
Concen: 14.734 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

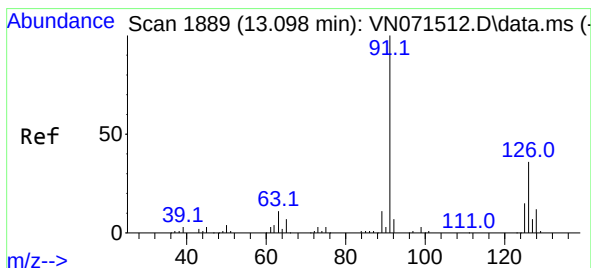
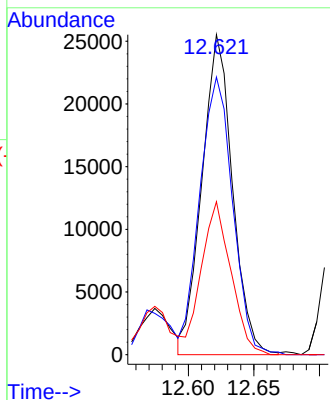
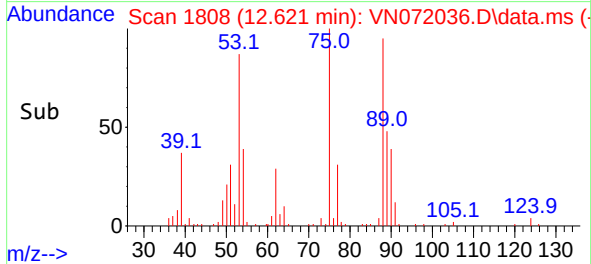
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



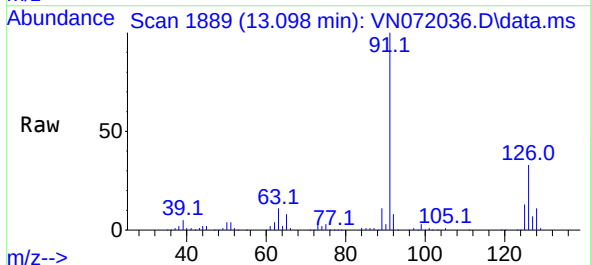
Tgt Ion: 75 Resp: 41270  
Ion Ratio Lower Upper  
75 100  
53 86.4 51.8 155.5  
89 48.1 22.9 68.7

Manual Integrations  
APPROVED

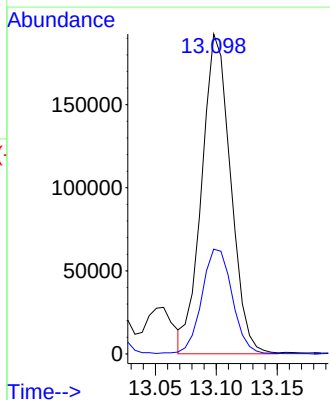
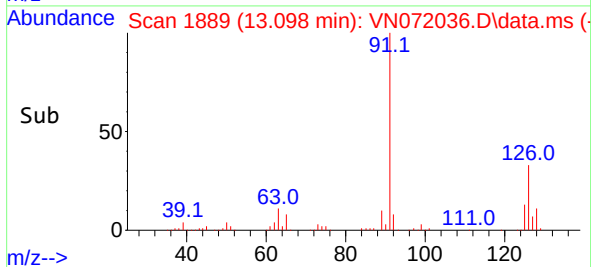
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

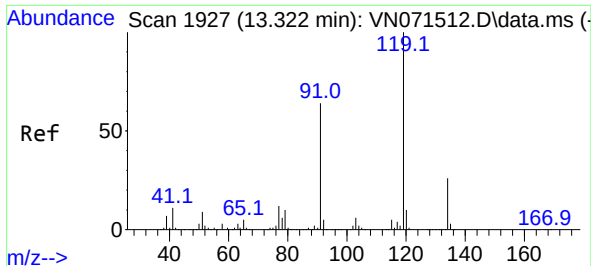


#78  
4-Chlorotoluene  
Concen: 17.527 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion: 91 Resp: 318568  
Ion Ratio Lower Upper  
91 100  
126 34.6 0.0 70.6





#79  
tert-butylbenzene  
Concen: 18.146 ug/l  
RT: 13.321 min Scan# 1927  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

Instrument :

MSVOA\_N

ClientSampleId :

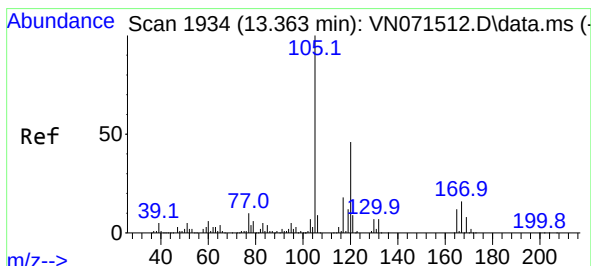
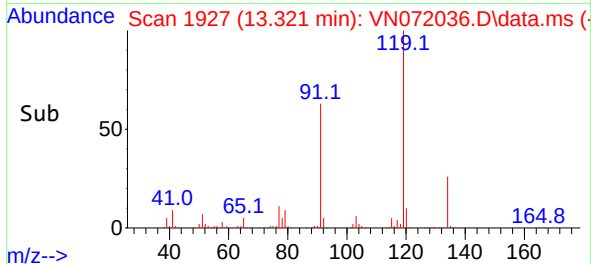
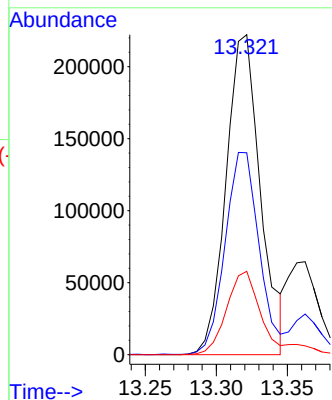
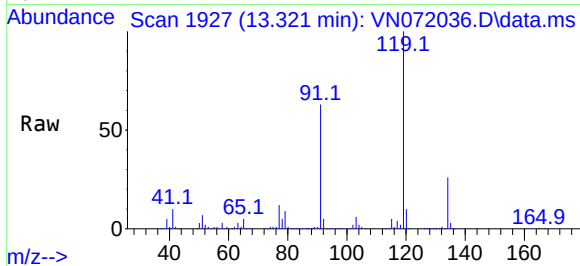
VSTDCCC020EC

Tgt Ion:119 Resp: 374860  
Ion Ratio Lower Upper  
119 100  
91 62.3 0.0 137.0  
134 25.0 0.0 47.6

Manual Integrations

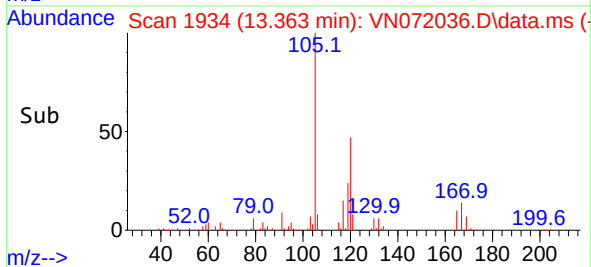
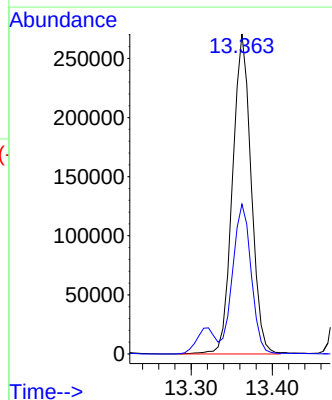
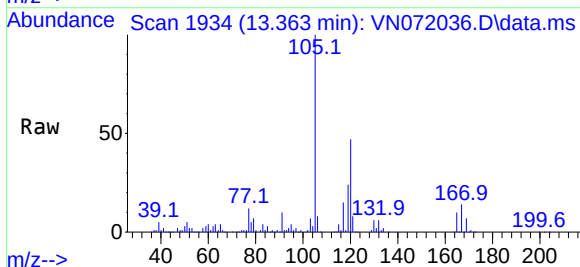
APPROVED

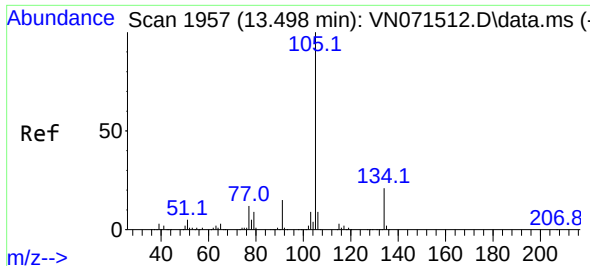
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#80  
1,2,4-Trimethylbenzene  
Concen: 19.376 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

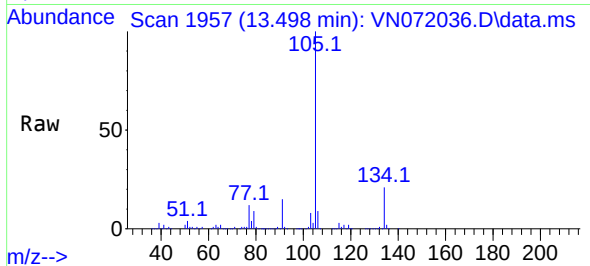
Tgt Ion:105 Resp: 430382  
Ion Ratio Lower Upper  
105 100  
120 46.2 0.0 0.2#





#81  
 sec-Butylbenzene  
 Concen: 18.021 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN072036.D  
 Acq: 18 Apr 2022 16:08

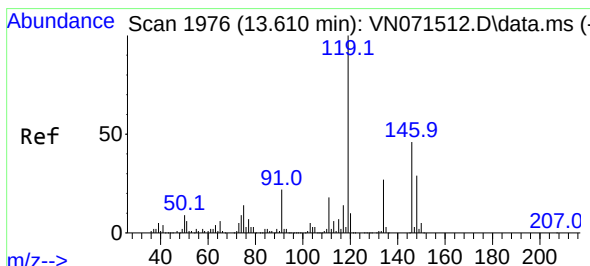
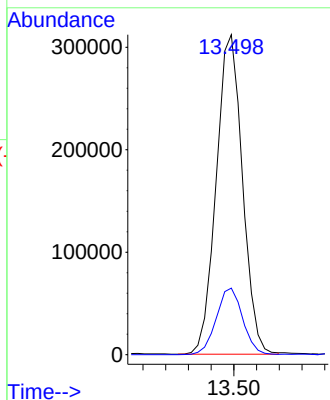
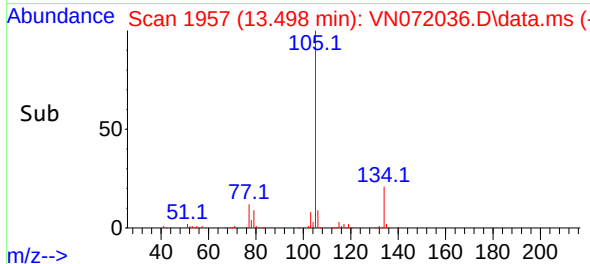
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC



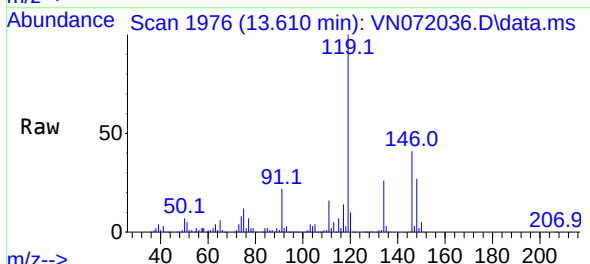
Tgt Ion:105 Resp: 500198  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 0.0 39.4

Manual Integrations  
 APPROVED

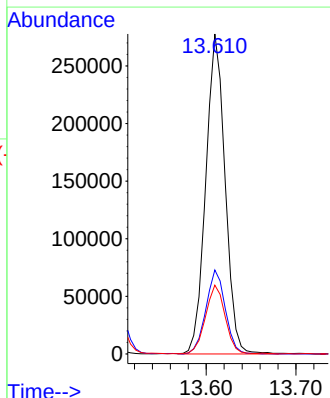
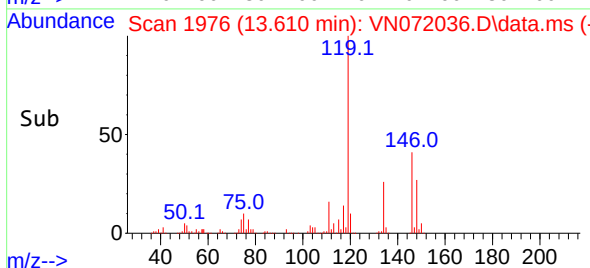
Reviewed By :John Carlone 04/19/2022  
 Supervised By :Mahesh Dadoda 04/19/2022

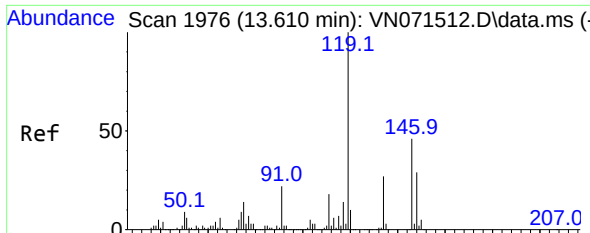


#82  
 p-Isopropyltoluene  
 Concen: 18.431 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN072036.D  
 Acq: 18 Apr 2022 16:08



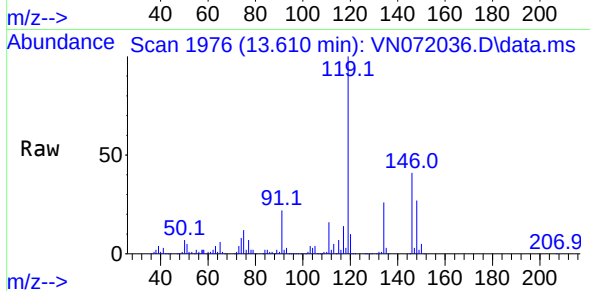
Tgt Ion:119 Resp: 415648  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 0.0 51.8  
 91 21.7 0.0 50.4





#83  
1,3-Dichlorobenzene  
Concen: 17.366 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

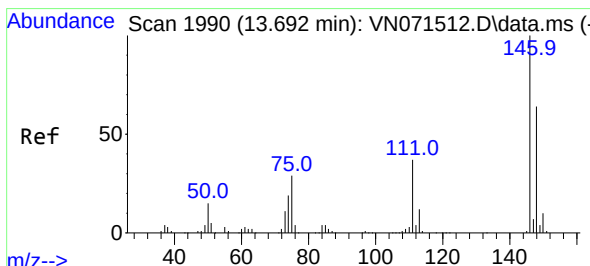
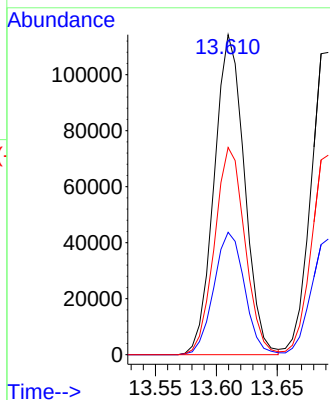
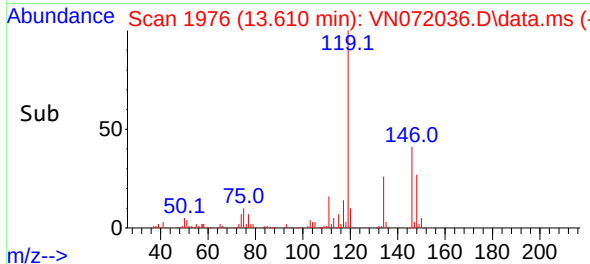
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



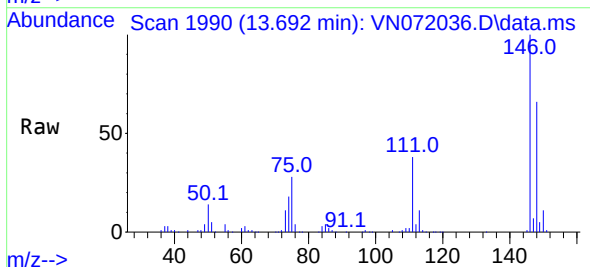
Tgt Ion:146 Resp: 19781  
Ion Ratio Lower Upper  
146 100  
111 38.9 20.8 62.2  
148 65.2 31.4 94.3

Manual Integrations  
APPROVED

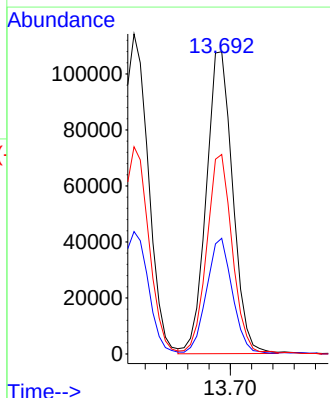
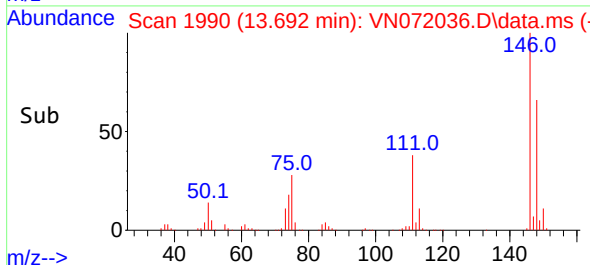
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

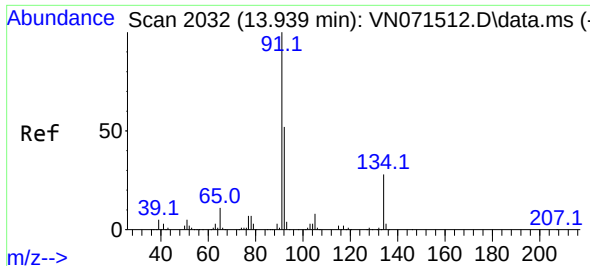


#84  
1,4-Dichlorobenzene  
Concen: 17.136 ug/l  
RT: 13.692 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



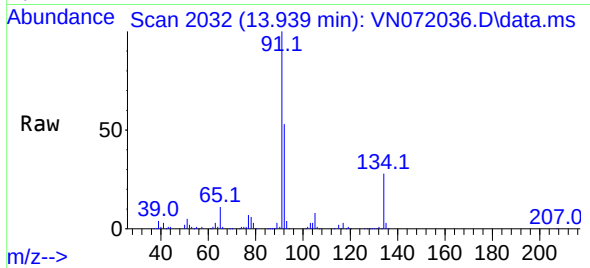
Tgt Ion:146 Resp: 186301  
Ion Ratio Lower Upper  
146 100  
111 36.9 19.5 58.5  
148 63.9 31.1 93.5





#85  
n-Butylbenzene  
Concen: 17.376 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

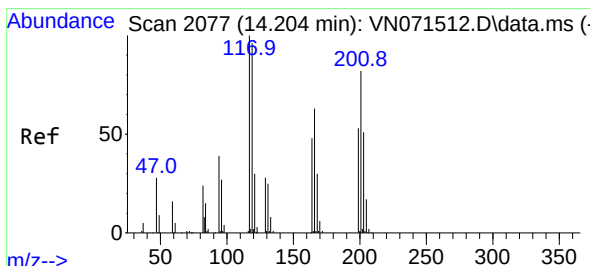
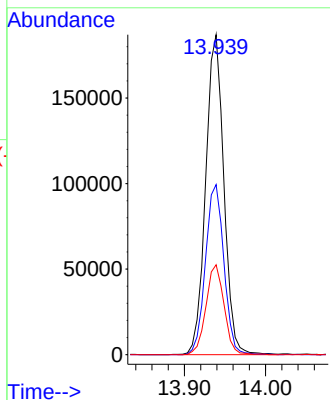
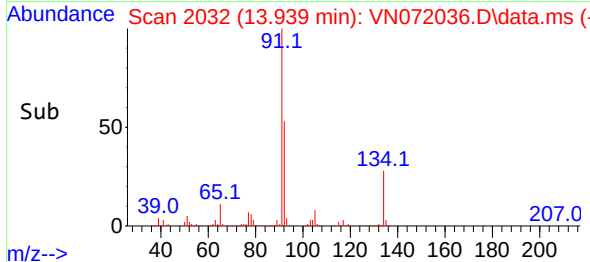
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



Tgt Ion: 91 Resp: 29107  
Ion Ratio Lower Upper  
91 100  
92 53.9 0.0 100.6  
134 27.8 0.0 50.2

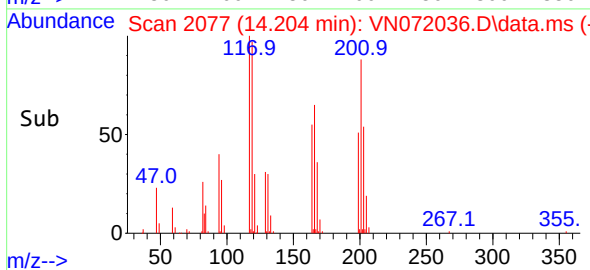
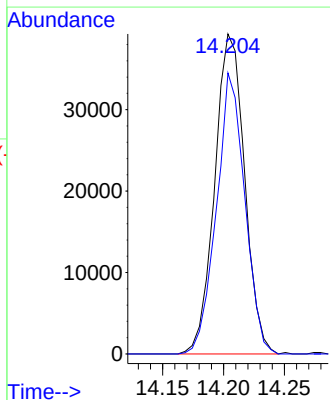
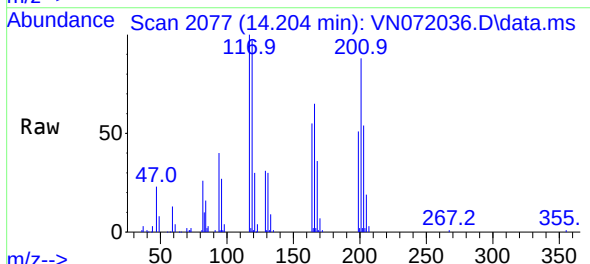
Manual Integrations  
APPROVED

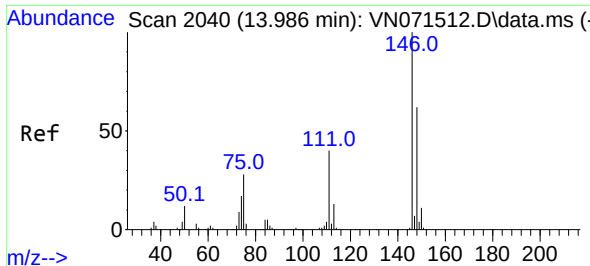
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#86  
Hexachloroethane  
Concen: 15.944 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

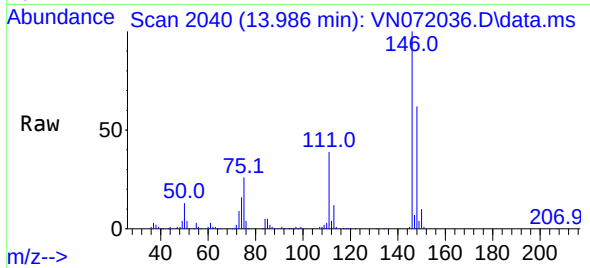
Tgt Ion:117 Resp: 67147  
Ion Ratio Lower Upper  
117 100  
201 83.2 33.3 99.8





#87  
1,2-Dichlorobenzene  
Concen: 18.084 ug/l  
RT: 13.986 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

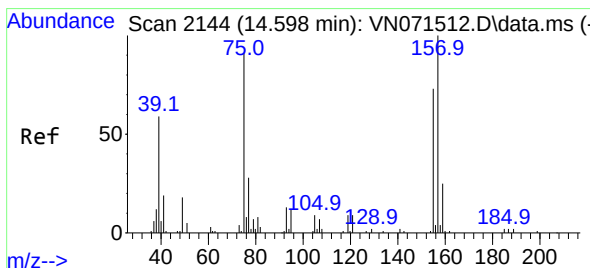
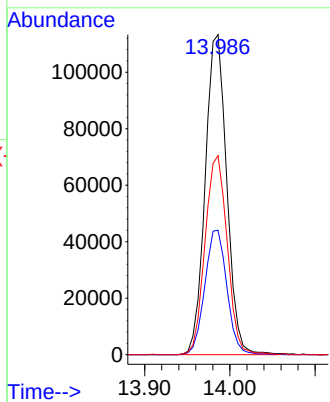
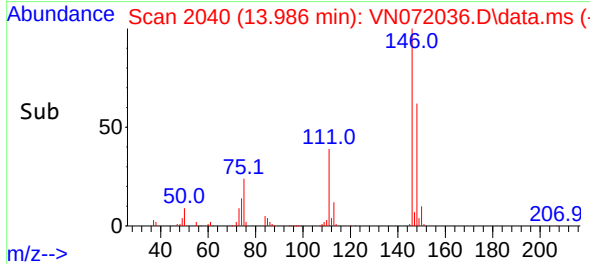
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



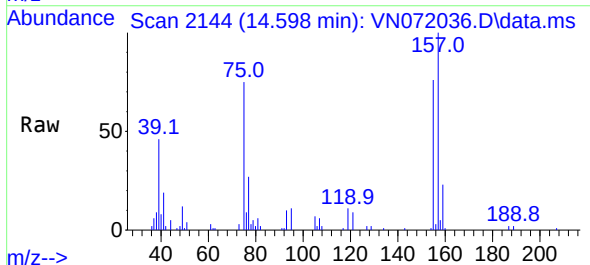
Tgt Ion:146 Resp: 19914  
Ion Ratio Lower Upper  
146 100  
111 39.8 21.4 64.2  
148 63.9 32.5 97.4

Manual Integrations  
APPROVED

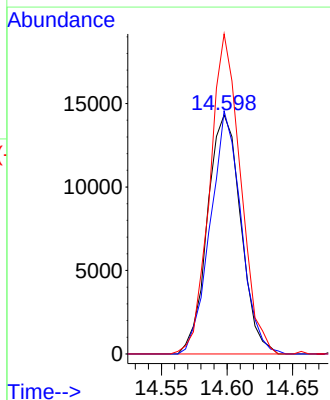
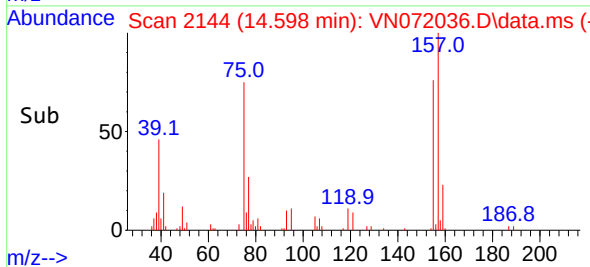
Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022

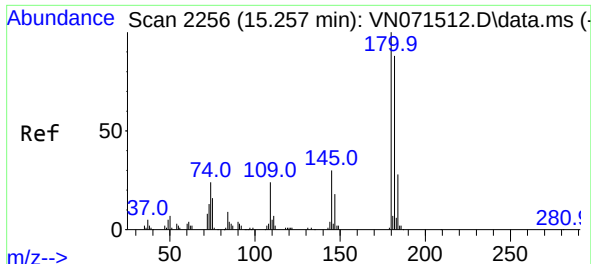


#88  
1,2-Dibromo-3-Chloropropane  
Concen: 15.296 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion: 75 Resp: 25275  
Ion Ratio Lower Upper  
75 100  
155 93.7 63.8 95.8  
157 123.9 77.9 116.9#





#89

1,2,4-Trichlorobenzene

Concen: 16.228 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

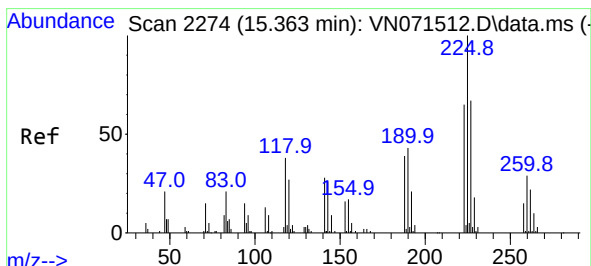
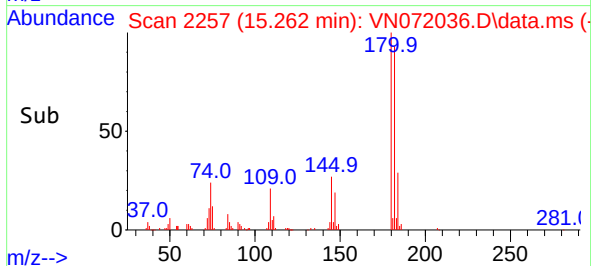
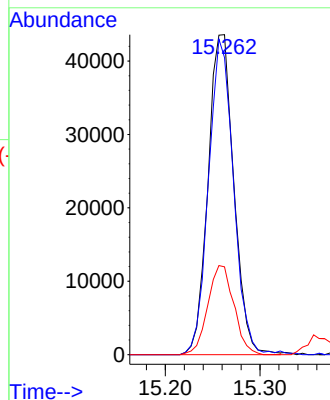
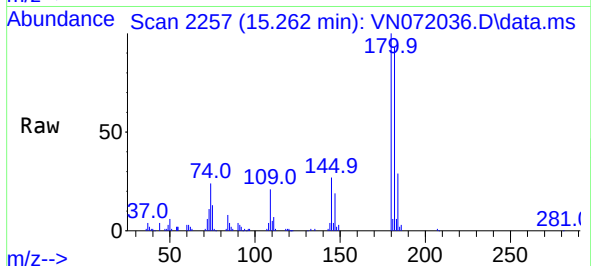
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 8260       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 95.3  | 77.7 116.5 |
| 145         | 28.2  | 26.6 39.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2022

Supervised By :Mahesh Dadoda 04/19/2022



#90

Hexachlorobutadiene

Concen: 18.366 ug/l

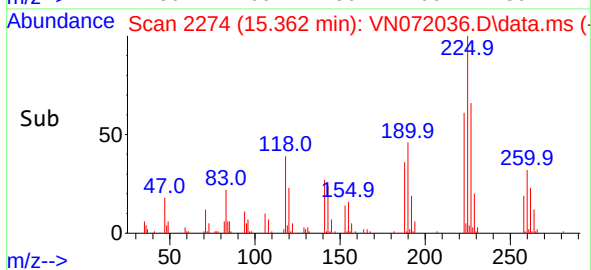
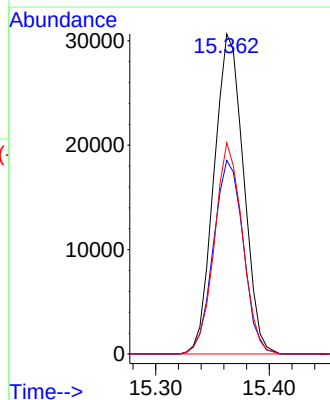
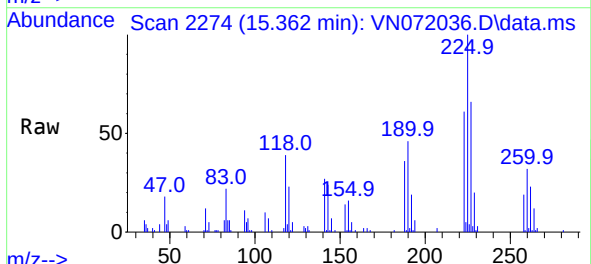
RT: 15.362 min Scan# 2274

Delta R.T. -0.000 min

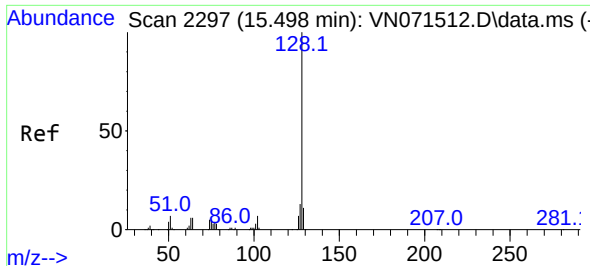
Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 55399     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 61.1  | 0.0 126.8 |
| 227         | 62.6  | 0.0 123.0 |

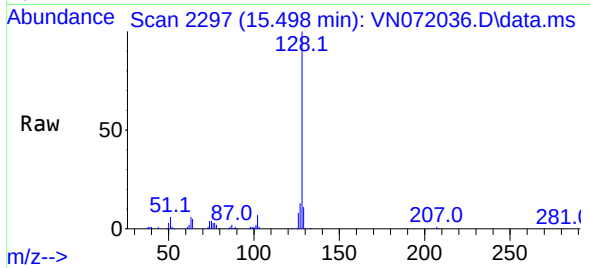






#91  
Naphthalene  
Concen: 18.275 ug/l  
RT: 15.498 min Scan# 2297  
Delta R.T. -0.000 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08

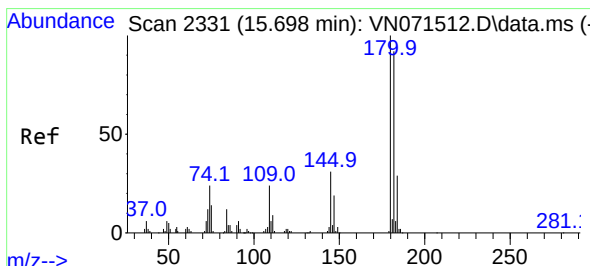
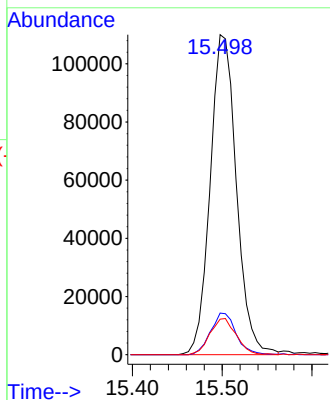
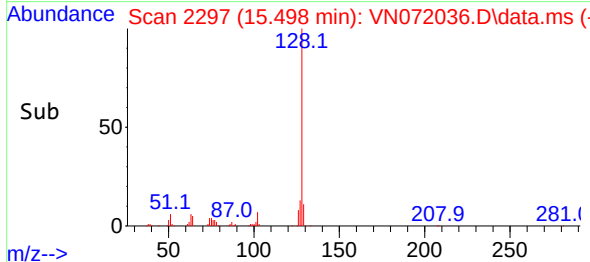
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



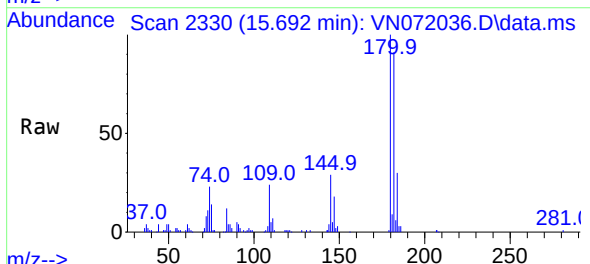
Tgt Ion:128 Resp: 22344  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.7 16.1  
129 11.2 9.0 13.6

Manual Integrations  
APPROVED

Reviewed By :John Carlone 04/19/2022  
Supervised By :Mahesh Dadoda 04/19/2022



#92  
1,2,3-Trichlorobenzene  
Concen: 17.242 ug/l  
RT: 15.692 min Scan# 2330  
Delta R.T. -0.006 min  
Lab File: VN072036.D  
Acq: 18 Apr 2022 16:08



Tgt Ion:180 Resp: 86079  
Ion Ratio Lower Upper  
180 100  
182 96.6 0.0 190.0  
145 30.1 0.0 67.8

