

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081623\  
 Data File : VX037031.D  
 Acq On : 16 Aug 2023 21:00  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 08/17/2023  
 Supervised By : Mahesh Dadoda 08/17/2023

Quant Time: Aug 17 04:21:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 5.550          | 168  | 122361     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 213205     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 195348     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 101189     | 50.000   | ug/l   | 0.00     |
|                              |                |      |            |          |        |          |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 89793      | 49.595   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 99.200%  |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 76669      | 52.318   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 104.640% |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 244233     | 46.997   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 94.000%  |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 104258     | 53.175   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 106.340% |        |          |
|                              |                |      |            |          |        |          |
| Target Compounds             |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 82049      | 50.759   | ug/l   | 99       |
| 3) Chloromethane             | 1.294          | 50   | 65915      | 44.834   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374          | 62   | 76138      | 50.865   | ug/l   | 100      |
| 5) Bromomethane              | 1.599          | 94   | 45406      | 50.810   | ug/l   | 99       |
| 6) Chloroethane              | 1.678          | 64   | 43601      | 59.913   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.880          | 101  | 138284     | 59.823   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136          | 74   | 51301      | 57.364   | ug/l   | 76       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325          | 101  | 76521      | 55.100   | ug/l   | 98       |
| 10) Methyl Iodide            | 2.453          | 142  | 92803      | 64.336   | ug/l   | 96       |
| 11) Tert butyl alcohol       | 2.965          | 59   | 124474     | 290.401  | ug/l # | 91       |
| 12) 1,1-Dichloroethene       | 2.319          | 96   | 72822      | 53.149   | ug/l   | 87       |
| 13) Acrolein                 | 2.239          | 56   | 58431      | 238.867  | ug/l   | 99       |
| 14) Allyl chloride           | 2.666          | 41   | 115179     | 42.690   | ug/l # | 95       |
| 15) Acrylonitrile            | 3.062          | 53   | 228970     | 265.630  | ug/l   | 100      |
| 16) Acetone                  | 2.380          | 43   | 203113     | 270.351  | ug/l   | 91       |
| 17) Carbon Disulfide         | 2.508          | 76   | 159680     | 42.227   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703          | 43   | 163544     | 51.745   | ug/l # | 88       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 293438     | 56.992   | ug/l   | 97       |
| 20) Methylene Chloride       | 2.788          | 84   | 84082      | 50.323   | ug/l # | 87       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 80781      | 52.753   | ug/l   | 89       |
| 22) Diisopropyl ether        | 3.763          | 45   | 249673     | 48.738   | ug/l # | 84       |
| 23) Vinyl Acetate            | 3.721          | 43   | 957780     | 243.740  | ug/l # | 92       |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 152512     | 53.101   | ug/l   | 97       |
| 25) 2-Butanone               | 4.556          | 43   | 319263     | 261.921  | ug/l # | 89       |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 107357     | 39.669   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 99664      | 54.796   | ug/l   | 89       |
| 28) Bromochloromethane       | 4.897          | 49   | 63762      | 45.903   | ug/l # | 79       |
| 29) Tetrahydrofuran          | 5.007          | 42   | 200714     | 255.404  | ug/l # | 85       |
| 30) Chloroform               | 5.093          | 83   | 171787     | 58.462   | ug/l   | 99       |
| 31) Cyclohexane              | 5.471          | 56   | 114319     | 45.603   | ug/l   | 87       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 154820     | 57.502   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 115149     | 52.718   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.715          | 43   | 123866     | 50.103   | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 5.678          | 117  | 132831     | 57.201   | ug/l   | 100      |
| 39) Methylcyclohexane        | 7.379          | 83   | 117362     | 43.211   | ug/l   | 90       |
| 40) Benzene                  | 6.037          | 78   | 339198     | 53.375   | ug/l   | 98       |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 08/17/2023  
 Supervised By : Mahesh Dadoda 08/17/2023

Quant Time: Aug 17 04:21:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 67955    | 51.393   | ug/l # | 91       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 135316   | 58.239   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 203574   | 47.836   | ug/l # | 93       |
| 44) Trichloroethene           | 7.129  | 130  | 96505    | 58.097   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 86209    | 50.809   | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 68105    | 57.353   | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.824  | 83   | 134588   | 55.216   | ug/l   | 95       |
| 48) Methyl methacrylate       | 7.696  | 41   | 97849    | 49.441   | ug/l # | 88       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 52094    | 1302.960 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 619213   | 262.931  | ug/l   | 92       |
| 52) Toluene                   | 8.720  | 92   | 223057   | 56.017   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 139323   | 50.572   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 146596   | 50.428   | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 94988    | 56.749   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 148944   | 54.646   | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 156976   | 56.306   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 318573   | 237.211  | ug/l   | 93       |
| 59) 2-Hexanone                | 9.427  | 43   | 474807   | 271.656  | ug/l   | 91       |
| 60) Dibromochloromethane      | 9.519  | 129  | 105038   | 57.094   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 103062   | 59.410   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 80939    | 55.549   | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 240891   | 55.943   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 95275    | 57.245   | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.195 | 91   | 429370   | 54.583   | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 326607   | 111.280  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 162555   | 55.486   | ug/l   | 100      |
| 70) Styrene                   | 10.652 | 104  | 275684   | 57.036   | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 75170    | 55.795   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 423537   | 50.576   | ug/l   | 98       |
| 74) N-amyl acetate            | 10.841 | 43   | 173698   | 44.479   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 145521   | 51.449   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 124039m  | 52.116   | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 103560   | 54.302   | ug/l   | 92       |
| 78) n-propylbenzene           | 11.305 | 91   | 475138   | 49.059   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 298278   | 50.825   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 354938   | 50.664   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 42477    | 40.451   | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 346158   | 51.767   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 344514   | 50.058   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 363124   | 51.828   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 412184   | 48.023   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 348560   | 49.354   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 192125   | 54.392   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 193160   | 55.104   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 286936   | 45.386   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 62246    | 43.475   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 192411   | 56.449   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 35853    | 54.549   | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 111115   | 52.912   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 44355    | 51.054   | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 430336   | 58.805   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 112917   | 54.555   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081623\  
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Acq On : 16 Aug 2023 21:00  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

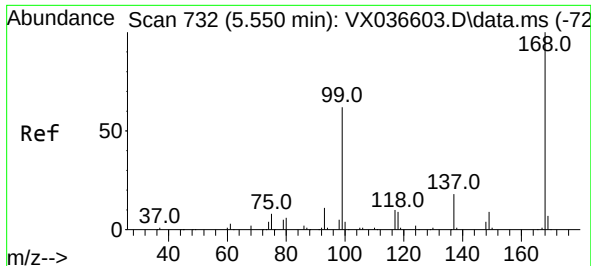
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023

Quant Time: Aug 17 04:21:10 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 21 12:14:12 2023  
Response via : Initial Calibration

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

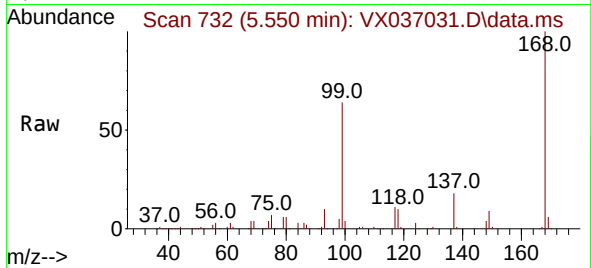
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

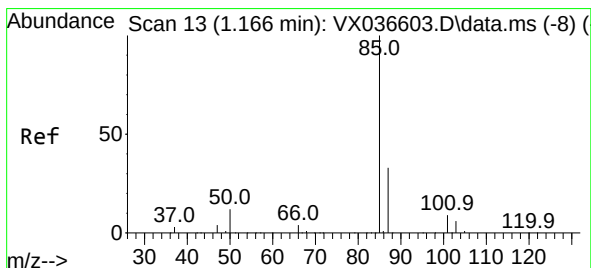
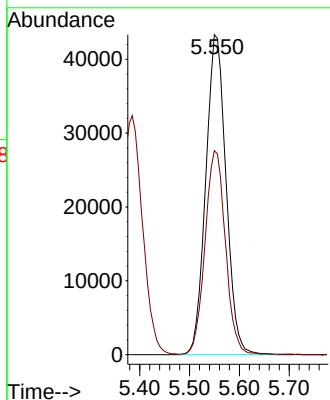
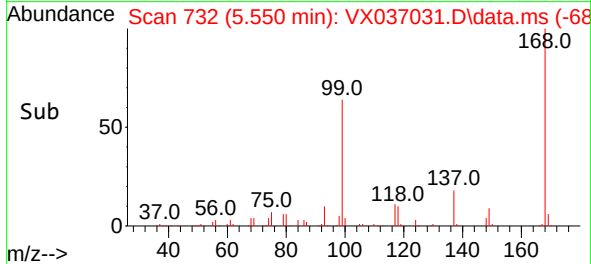
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:168 Resp: 12236  
Ion Ratio Lower Upper  
168 100  
99 63.6 56.6 85.0

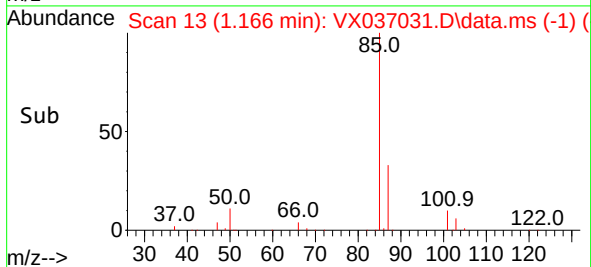
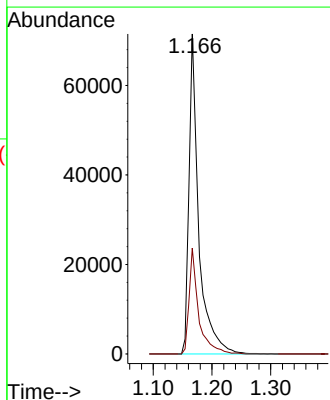
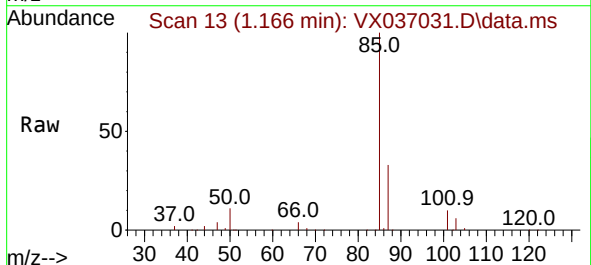
Manual Integrations  
APPROVED

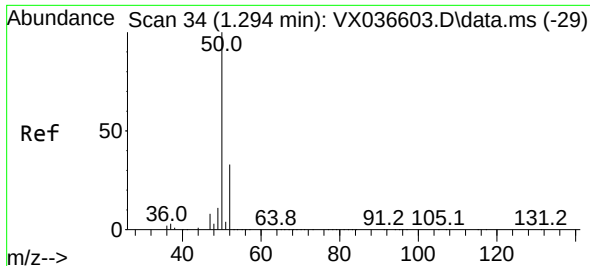
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#2  
Dichlorodifluoromethane  
Concen: 50.759 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

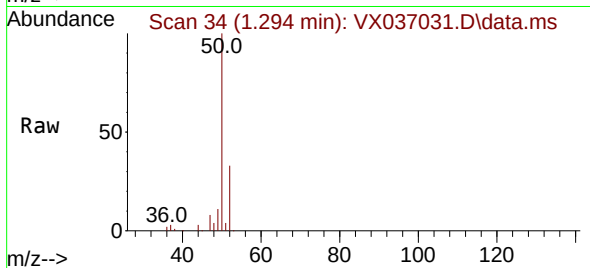
Tgt Ion: 85 Resp: 82049  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.7 50.1





#3  
Chloromethane  
Concen: 44.834 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

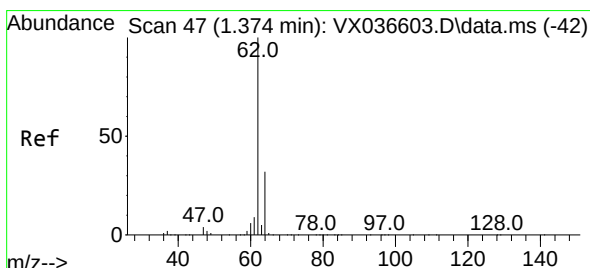
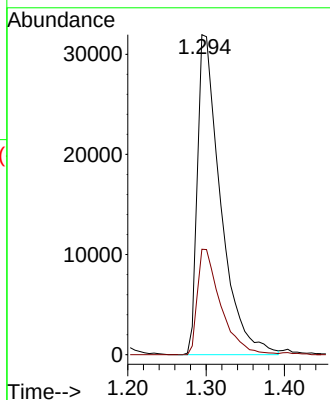
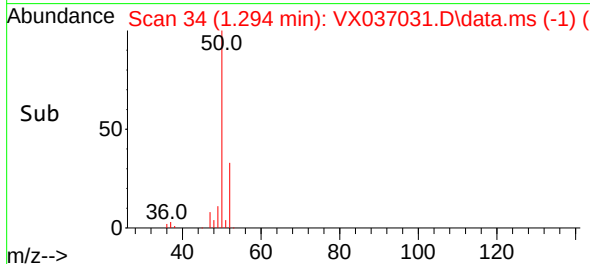
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 50 Resp: 65915  
Ion Ratio Lower Upper  
50 100  
52 33.0 25.5 38.3

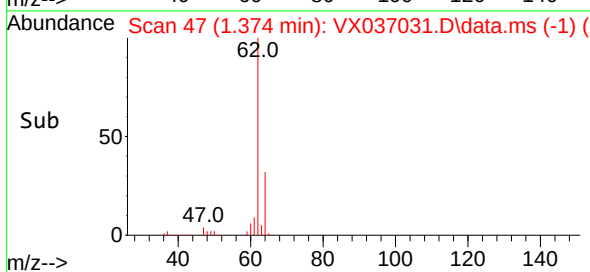
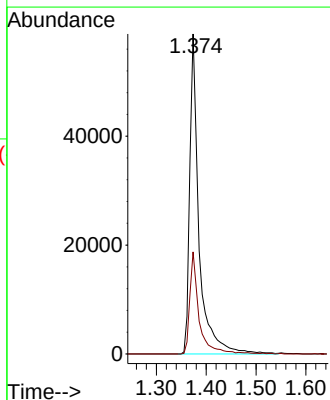
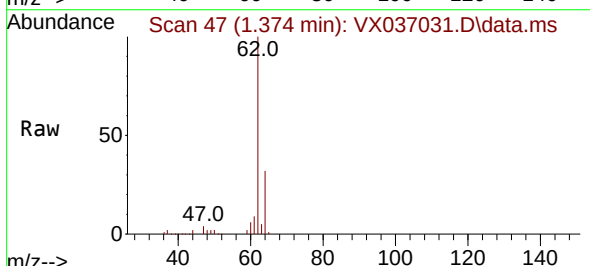
Manual Integrations  
APPROVED

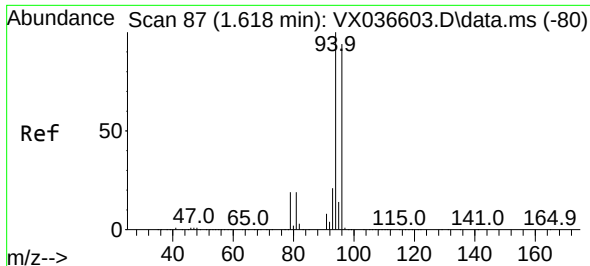
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#4  
Vinyl Chloride  
Concen: 50.865 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

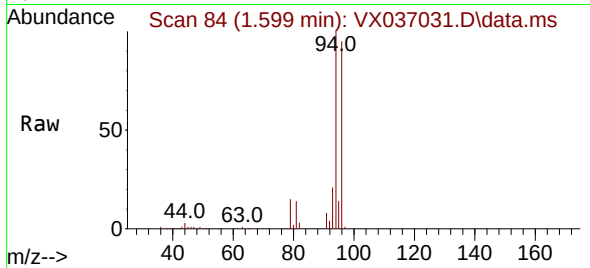
Tgt Ion: 62 Resp: 76138  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.4 38.0





#5  
Bromomethane  
Concen: 50.810 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.018 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

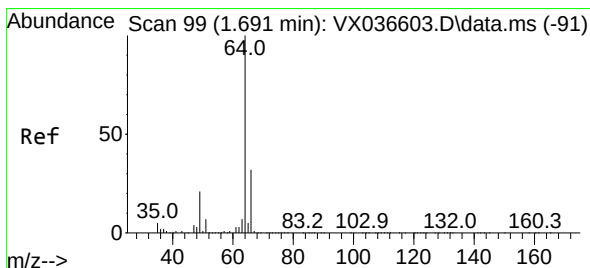
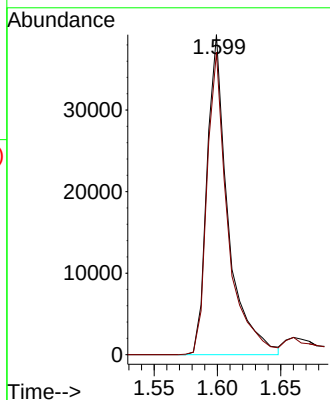
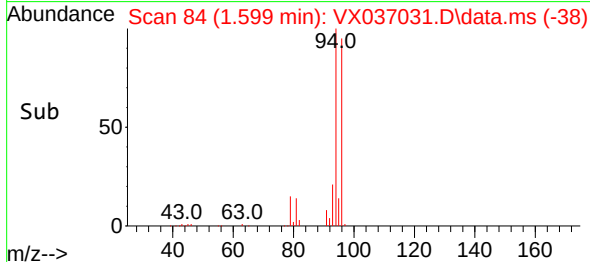
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 94 Resp: 45400  
Ion Ratio Lower Upper  
94 100  
96 94.5 74.6 111.8

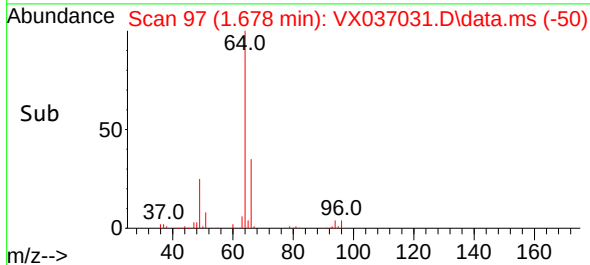
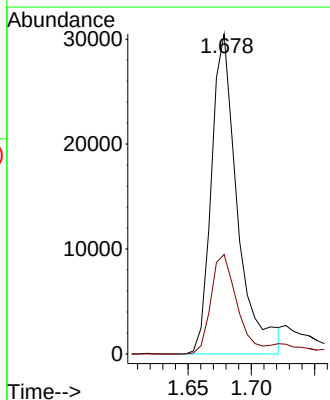
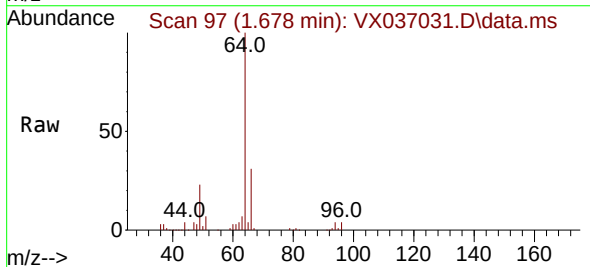
Manual Integrations  
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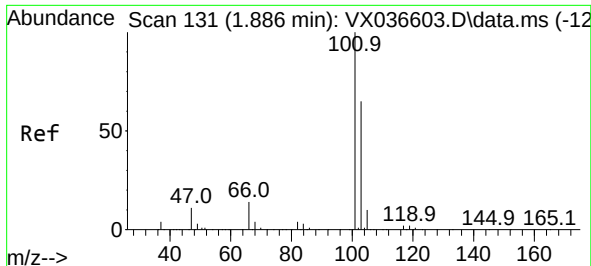
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#6  
Chloroethane  
Concen: 59.913 ug/l  
RT: 1.678 min Scan# 97  
Delta R.T. -0.012 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

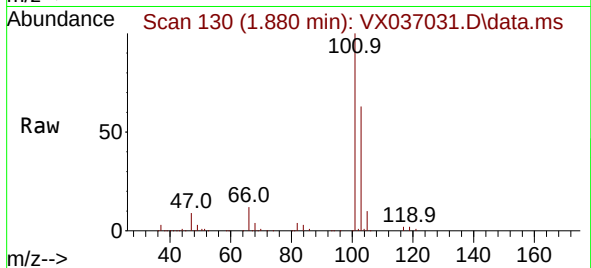
Tgt Ion: 64 Resp: 43601  
Ion Ratio Lower Upper  
64 100  
66 31.1 25.1 37.7





#7  
Trichlorofluoromethane  
Concen: 59.823 ug/l  
RT: 1.880 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

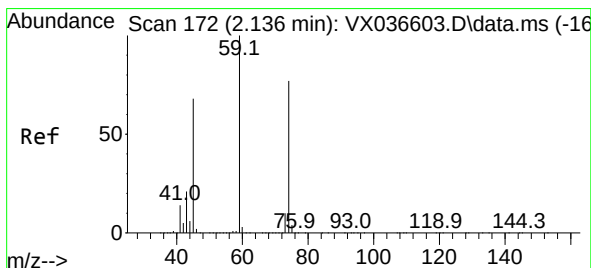
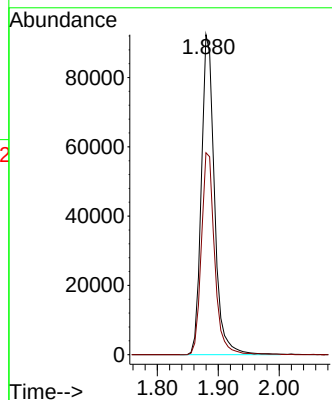
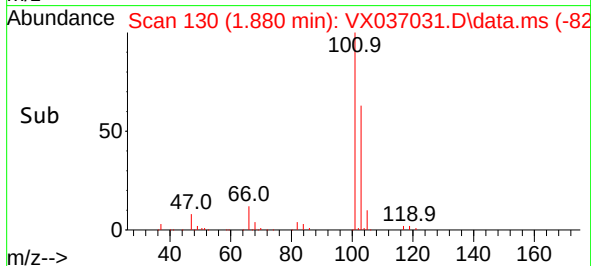
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:101 Resp: 138284  
Ion Ratio Lower Upper  
101 100  
103 63.1 51.4 77.2

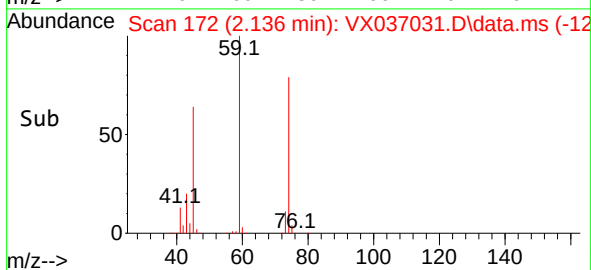
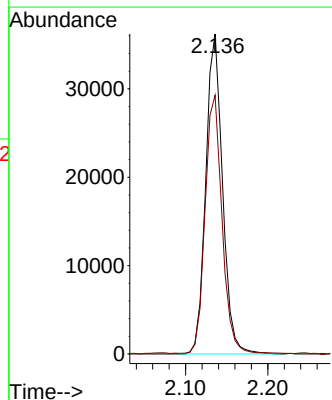
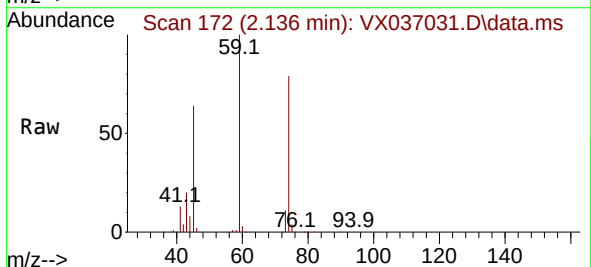
Manual Integrations  
APPROVED

Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023

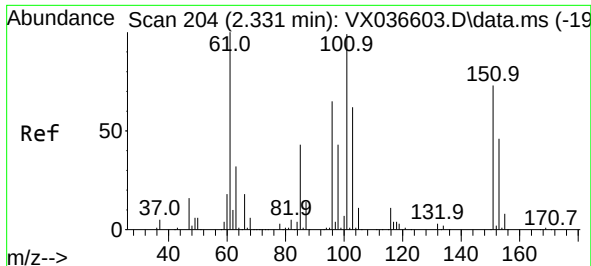


#8  
Diethyl Ether  
Concen: 57.364 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Tgt Ion: 74 Resp: 51301  
Ion Ratio Lower Upper  
74 100  
45 81.6 53.3 159.8







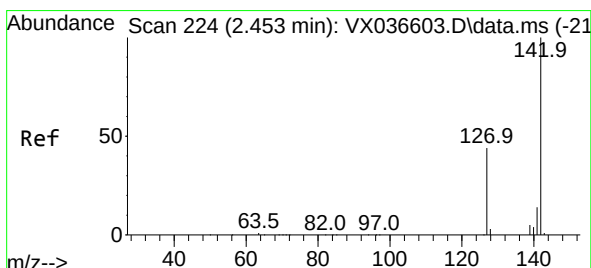
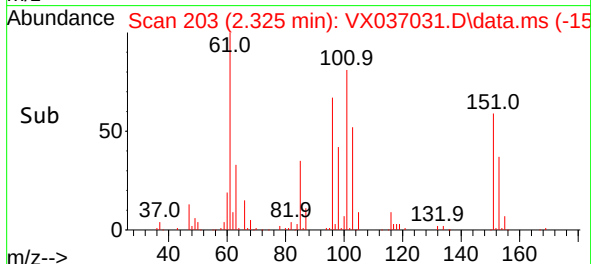
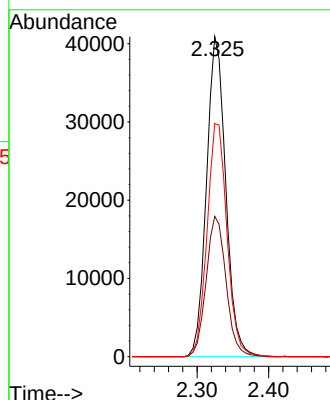
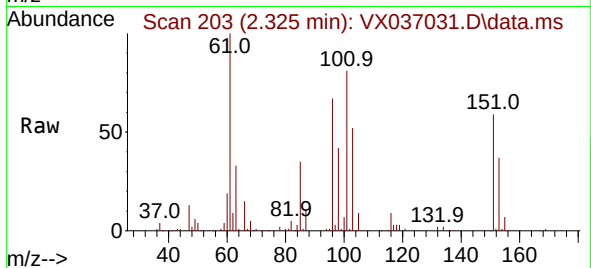
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 55.100 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 7652  
Ion Ratio Lower Upper  
101 100  
85 45.3 37.0 55.6  
151 75.4 58.6 87.8

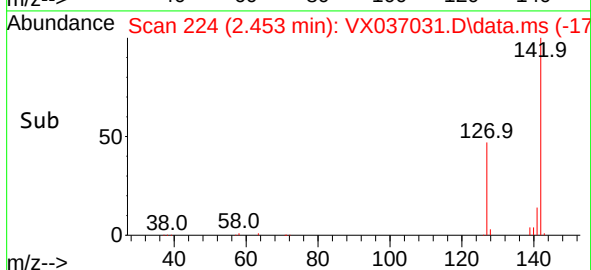
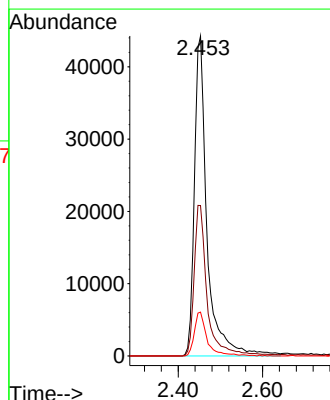
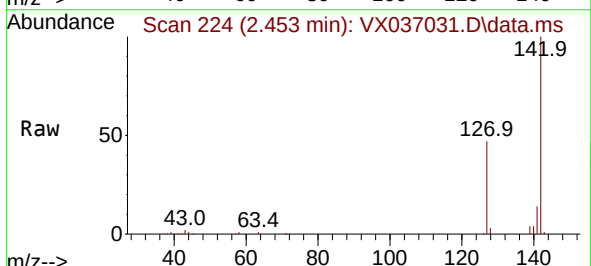
Manual Integrations  
APPROVED

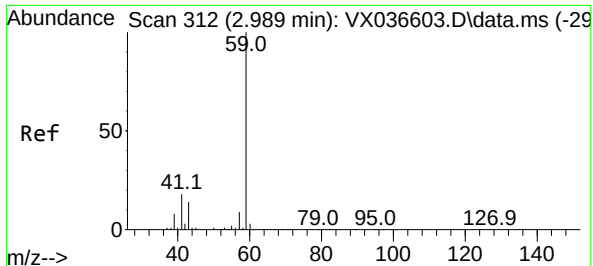
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#10  
Methyl Iodide  
Concen: 64.336 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Tgt Ion:142 Resp: 92803  
Ion Ratio Lower Upper  
142 100  
127 48.4 41.6 62.4  
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 290.401 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 124474

Ion Ratio Lower Upper

59 100

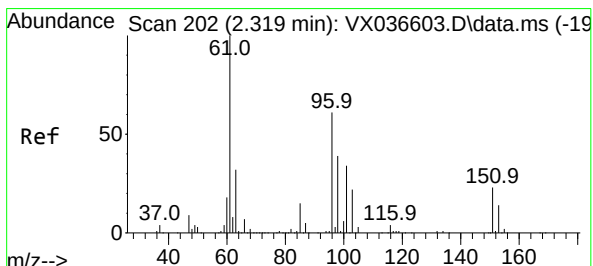
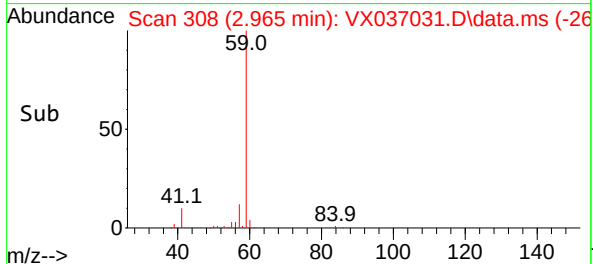
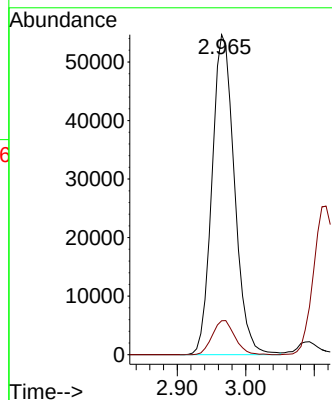
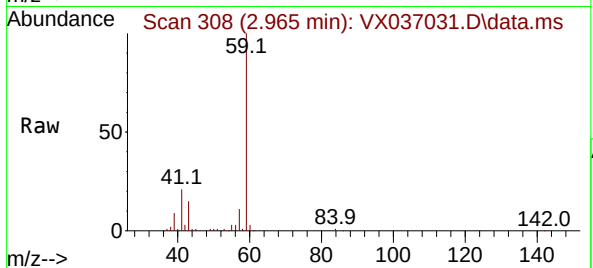
57 10.7 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#12

1,1-Dichloroethene

Concen: 53.149 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

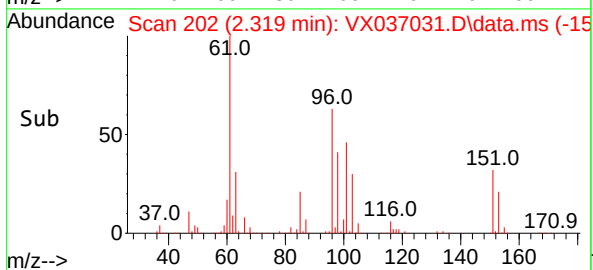
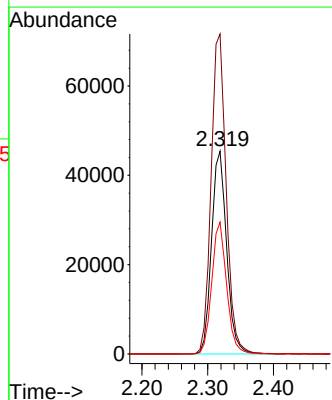
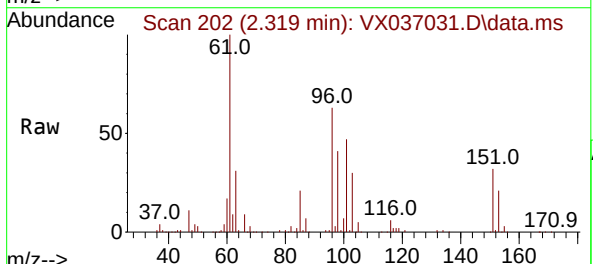
Tgt Ion: 96 Resp: 72822

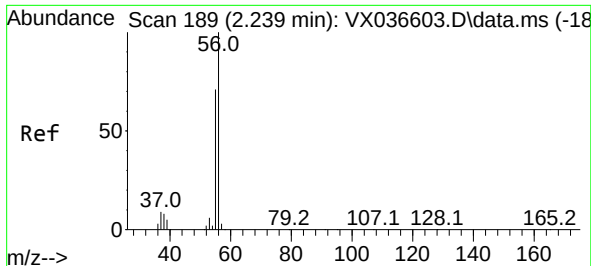
Ion Ratio Lower Upper

96 100

61 157.8 144.6 216.8

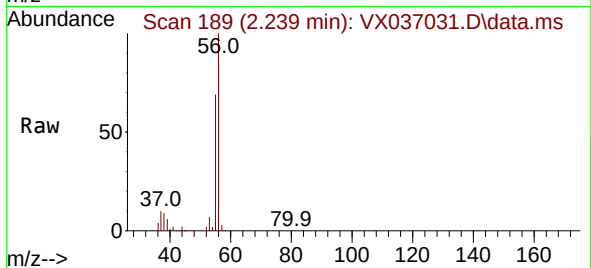
98 65.1 50.4 75.6





#13  
Acrolein  
Concen: 238.867 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

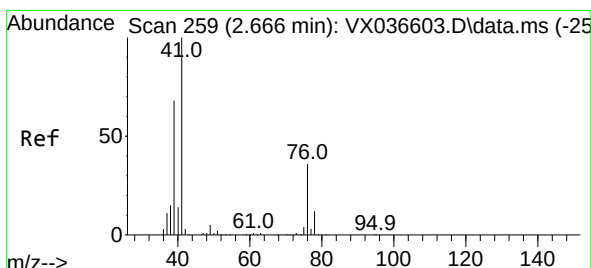
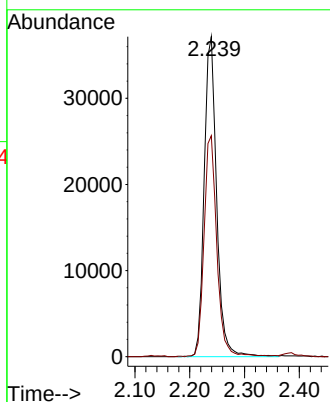
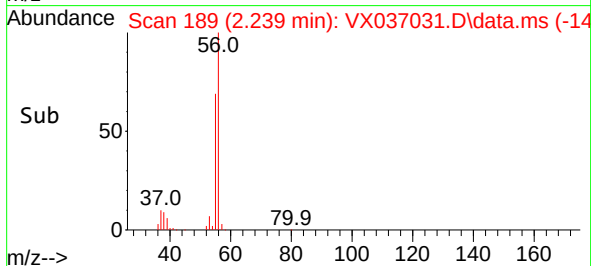
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 5843  
Ion Ratio Lower Upper  
56 100  
55 70.8 57.1 85.7

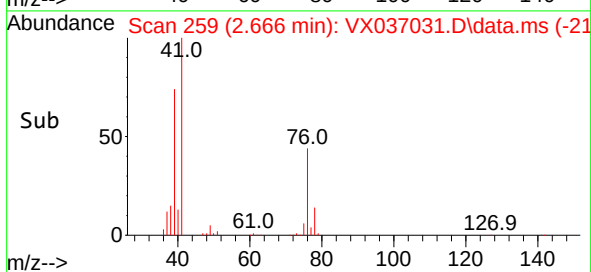
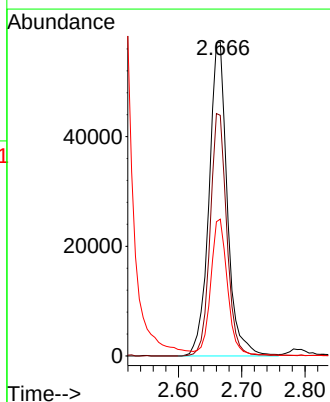
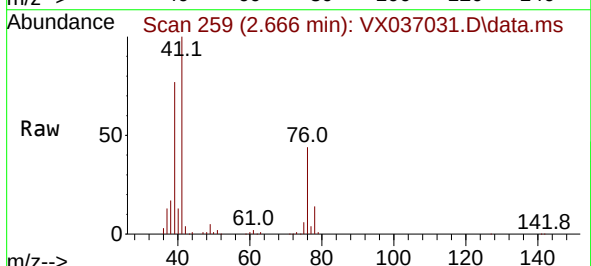
Manual Integrations  
APPROVED

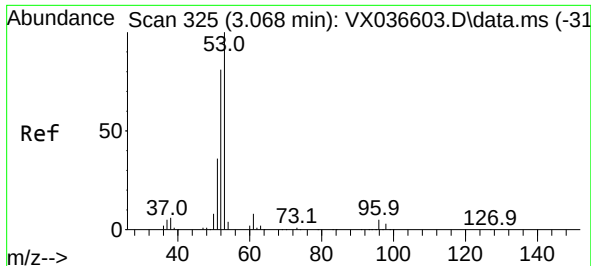
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#14  
Allyl chloride  
Concen: 42.690 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

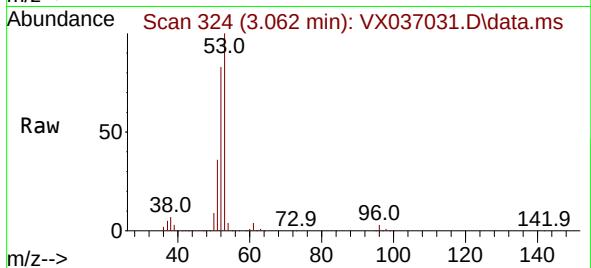
Tgt Ion: 41 Resp: 115179  
Ion Ratio Lower Upper  
41 100  
39 70.0 55.8 83.6  
76 39.8 24.3 36.5





#15  
Acrylonitrile  
Concen: 265.630 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

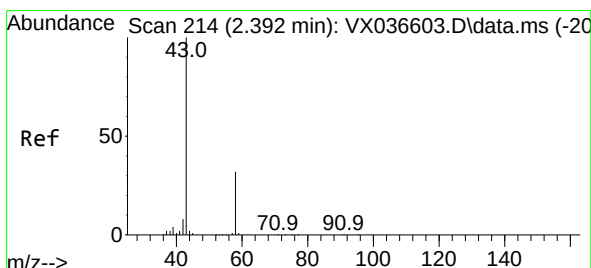
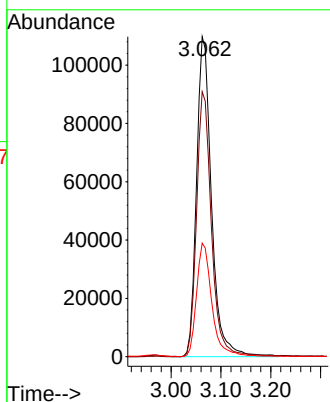
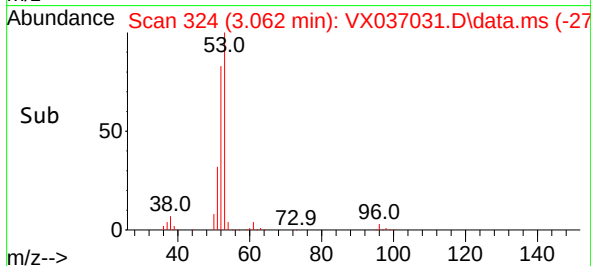
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 53 Resp: 228970  
Ion Ratio Lower Upper  
53 100  
52 82.5 66.0 99.0  
51 36.6 29.8 44.6

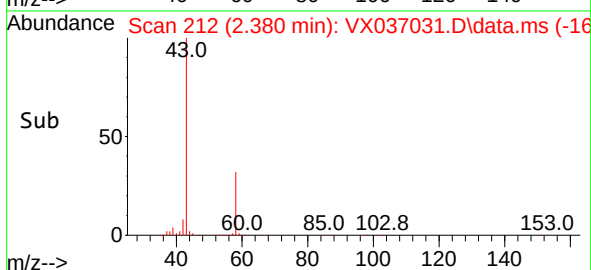
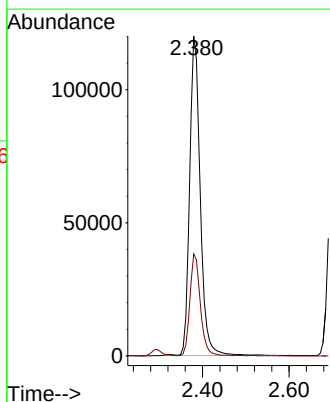
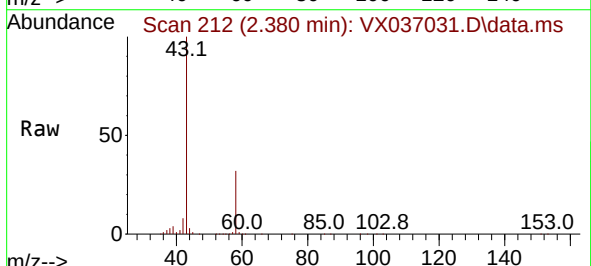
Manual Integrations  
APPROVED

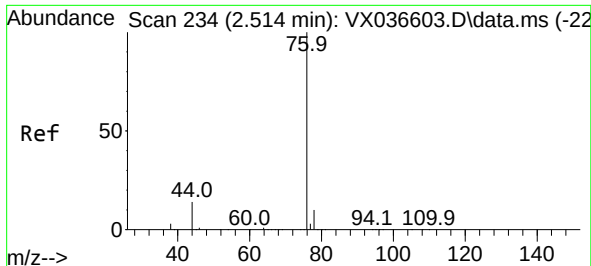
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#16  
Acetone  
Concen: 270.351 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.012 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Tgt Ion: 43 Resp: 203113  
Ion Ratio Lower Upper  
43 100  
58 31.9 21.9 32.9





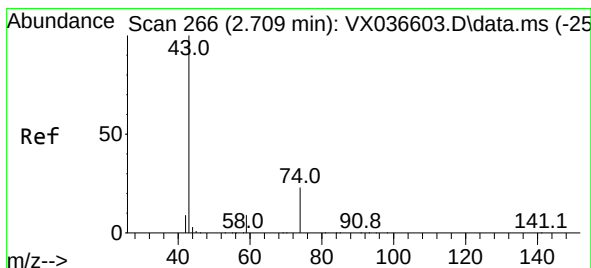
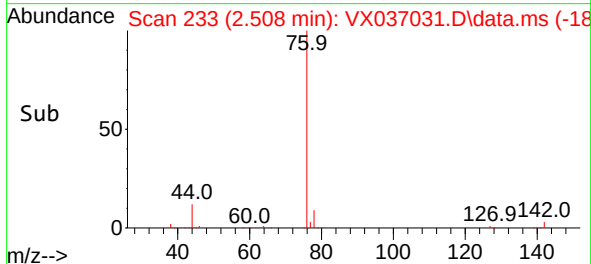
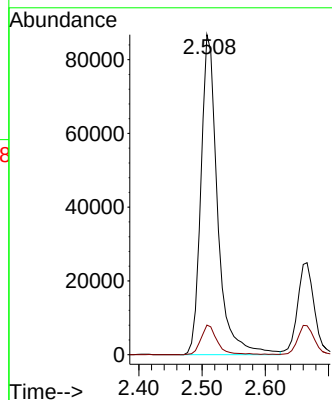
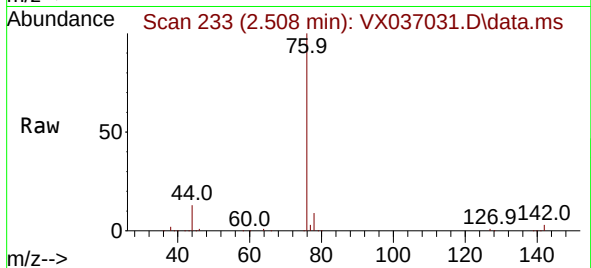
#17  
Carbon Disulfide  
Concen: 42.227 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 76 Resp: 159680  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.0 10.6

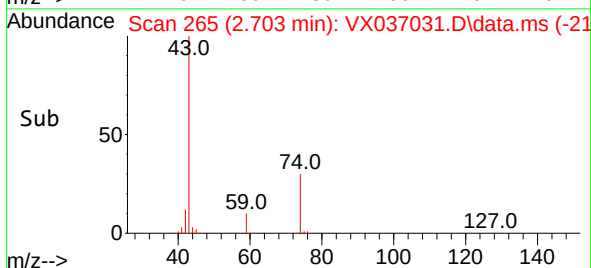
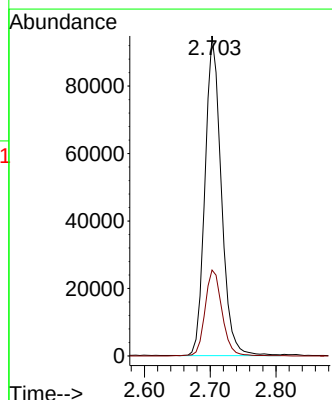
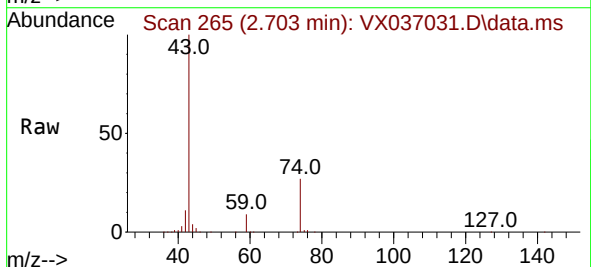
Manual Integrations  
APPROVED

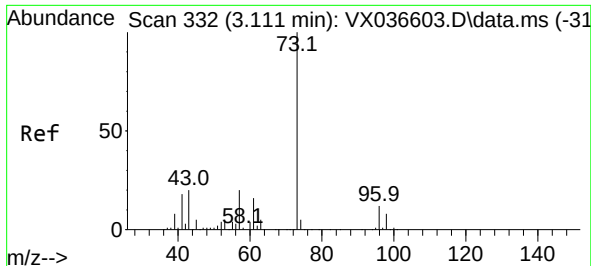
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#18  
Methyl Acetate  
Concen: 51.745 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Tgt Ion: 43 Resp: 163544  
Ion Ratio Lower Upper  
43 100  
74 28.1 17.8 26.8#





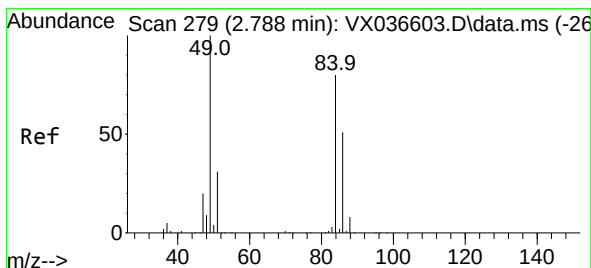
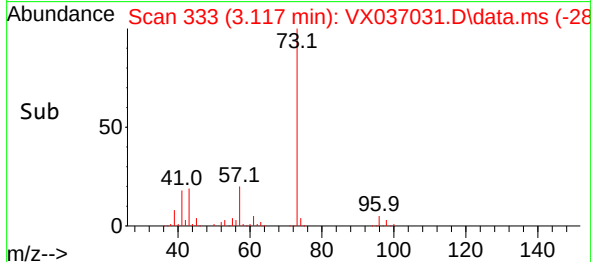
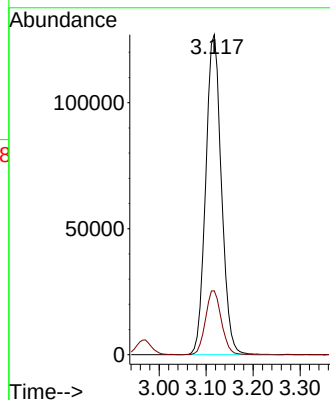
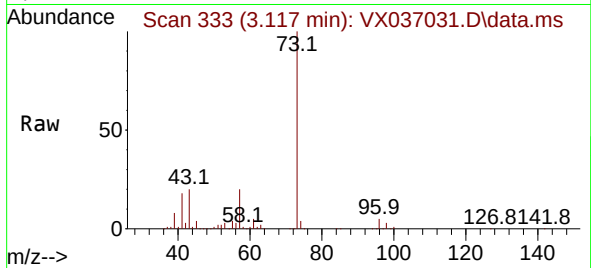
#19  
Methyl tert-butyl Ether  
Concen: 56.992 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 73 Resp: 293438  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.3 25.9

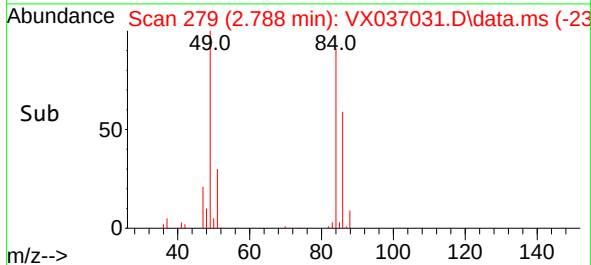
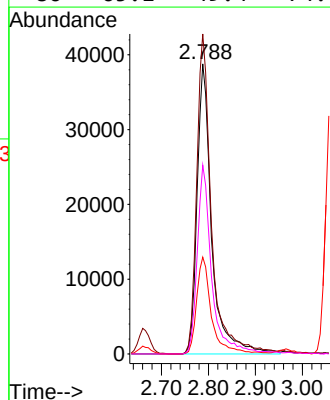
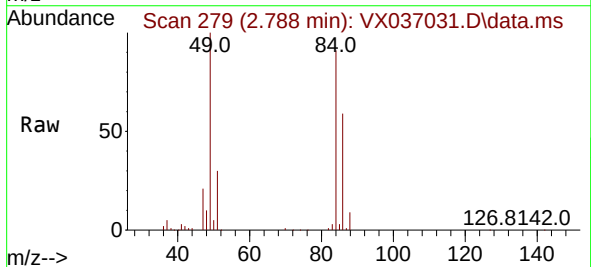
Manual Integrations  
APPROVED

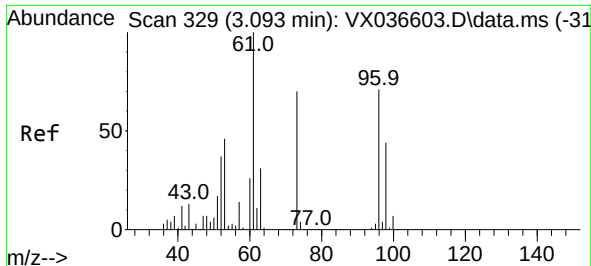
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#20  
Methylene Chloride  
Concen: 50.323 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

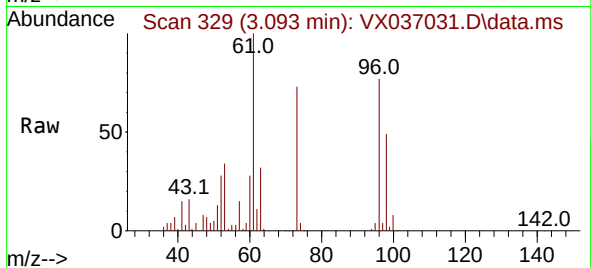
Tgt Ion: 84 Resp: 84082  
Ion Ratio Lower Upper  
84 100  
49 110.3 103.6 155.4  
51 33.4 33.8 50.6#  
86 65.1 49.4 74.0





#21  
trans-1,2-Dichloroethene  
Concen: 52.753 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

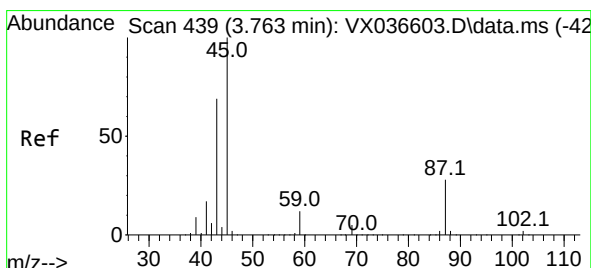
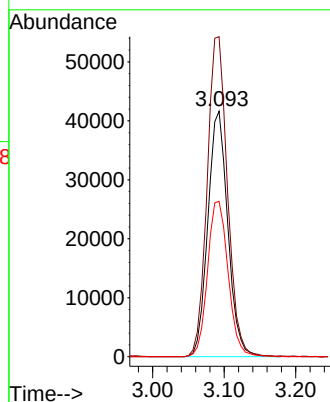
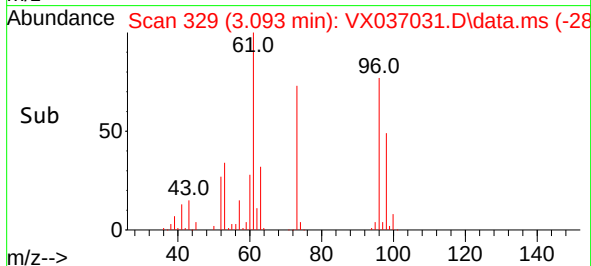
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 96 Resp: 8078  
Ion Ratio Lower Upper  
96 100  
61 130.4 119.2 178.8  
98 63.3 48.7 73.1

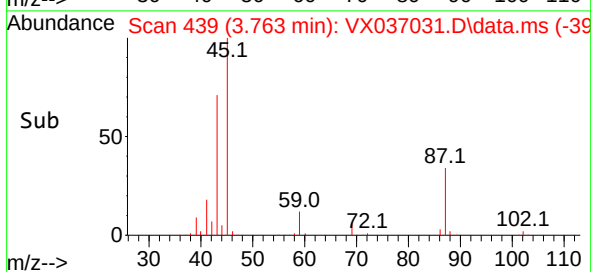
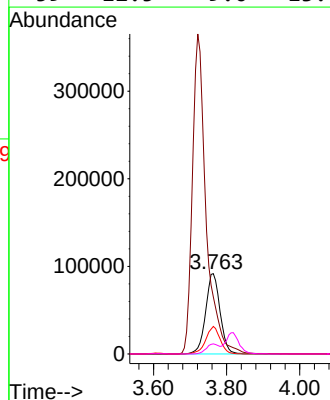
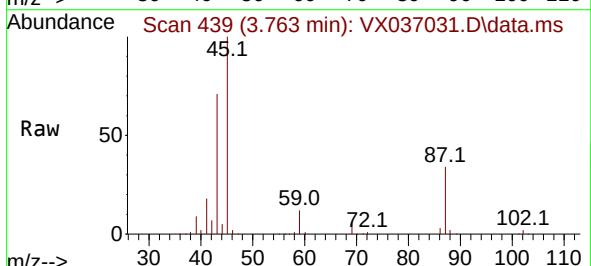
Manual Integrations  
APPROVED

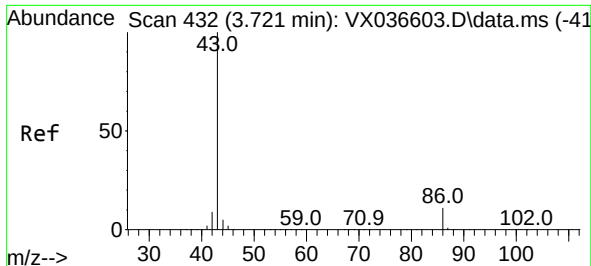
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#22  
Diisopropyl ether  
Concen: 48.738 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

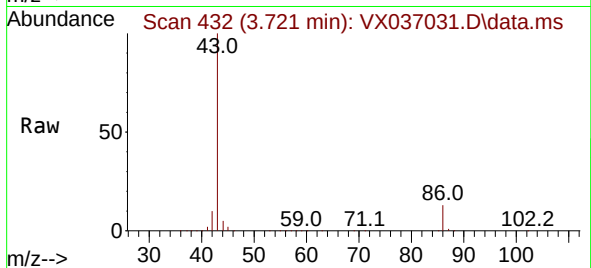
Tgt Ion: 45 Resp: 249673  
Ion Ratio Lower Upper  
45 100  
43 70.8 69.7 104.5  
87 34.2 20.8 31.2#  
59 12.5 9.0 13.4





#23  
 Vinyl Acetate  
 Concen: 243.740 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX037031.D  
 Acq: 16 Aug 2023 21:00

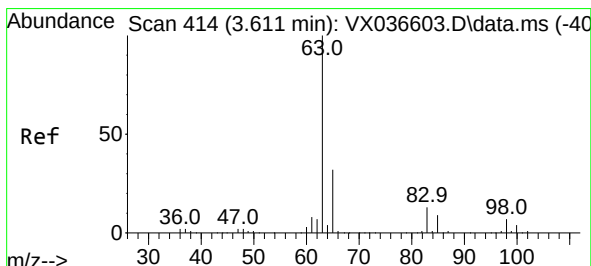
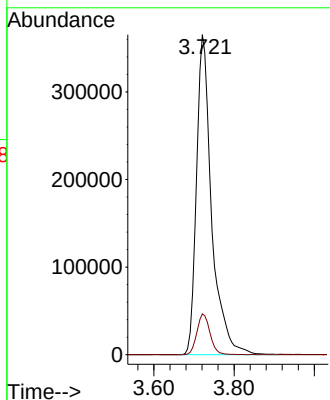
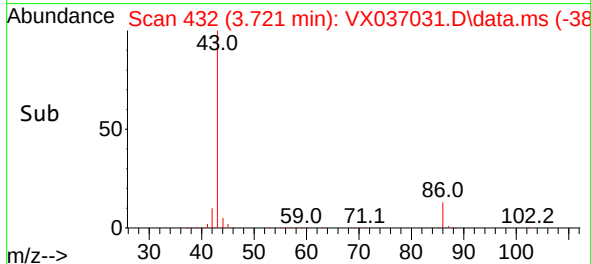
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC



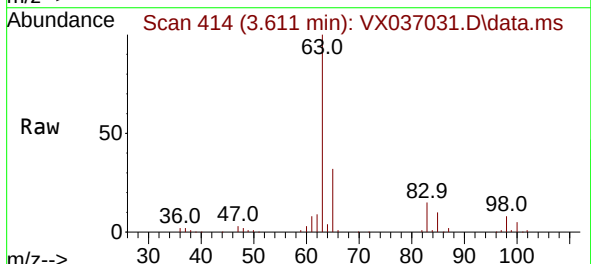
Tgt Ion: 43 Resp: 957780  
 Ion Ratio Lower Upper  
 43 100  
 86 12.8 7.8 11.8

Manual Integrations  
 APPROVED

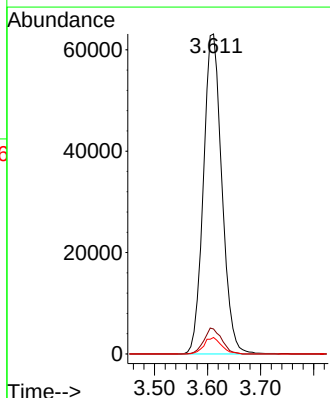
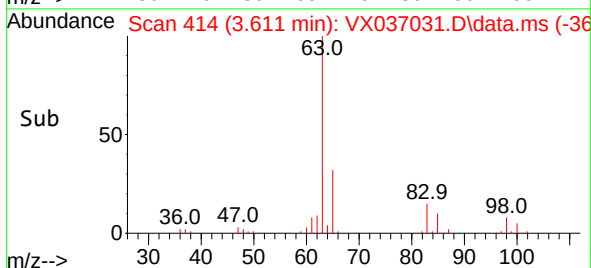
Reviewed By :John Carlone 08/17/2023  
 Supervised By :Mahesh Dadoda 08/17/2023



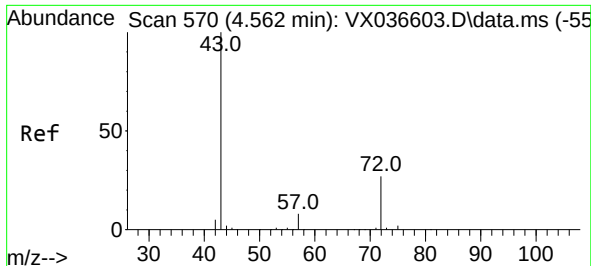
#24  
 1,1-Dichloroethane  
 Concen: 53.101 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX037031.D  
 Acq: 16 Aug 2023 21:00



Tgt Ion: 63 Resp: 152512  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.3 9.8  
 100 5.1 2.1 6.5







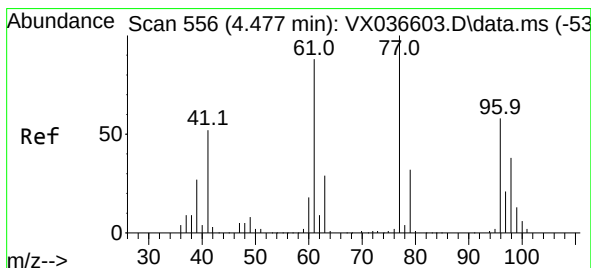
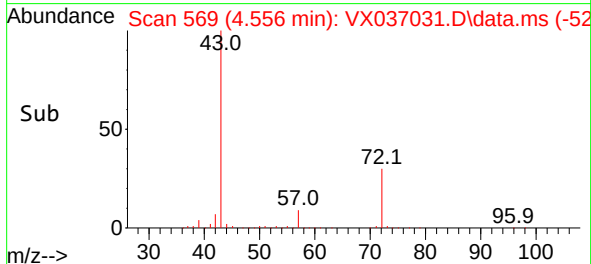
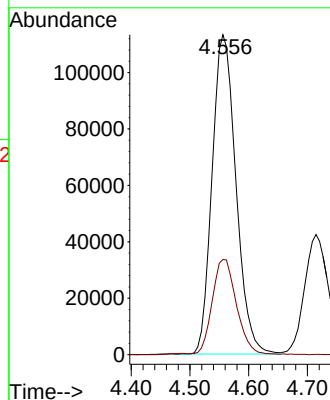
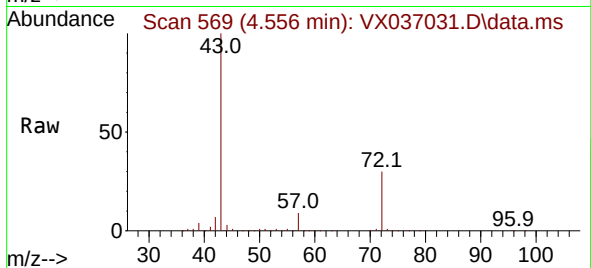
#25  
2-Butanone  
Concen: 261.921 ug/l  
RT: 4.556 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 31926  
Ion Ratio Lower Upper  
43 100  
72 29.6 19.4 29.2

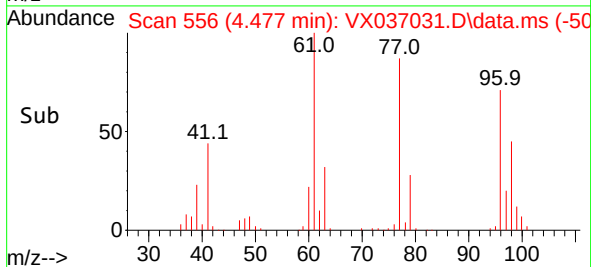
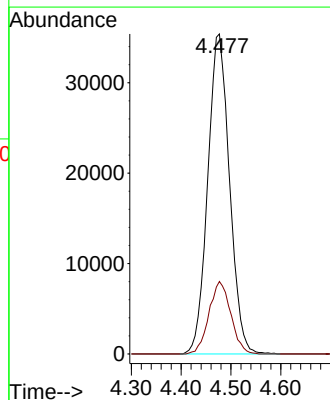
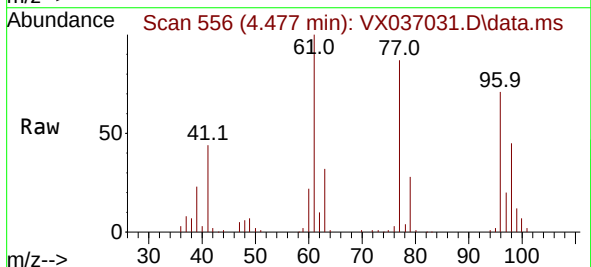
Manual Integrations  
APPROVED

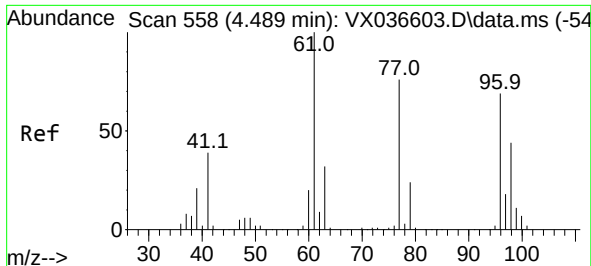
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#26  
2,2-Dichloropropane  
Concen: 39.669 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

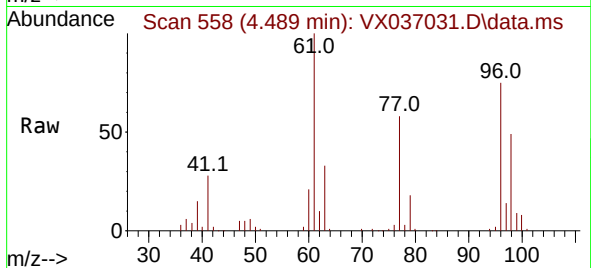
Tgt Ion: 77 Resp: 107357  
Ion Ratio Lower Upper  
77 100  
97 22.7 10.8 32.3





#27  
 cis-1,2-Dichloroethene  
 Concen: 54.796 ug/l  
 RT: 4.489 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VX037031.D  
 Acq: 16 Aug 2023 21:00

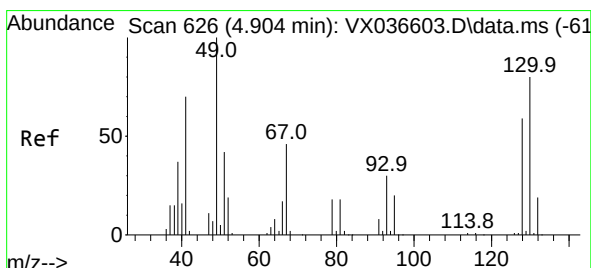
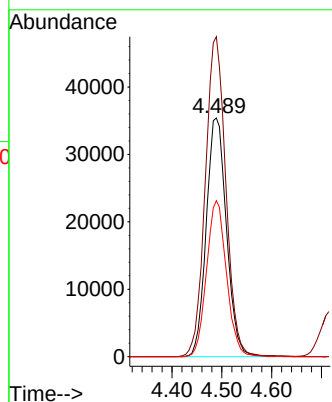
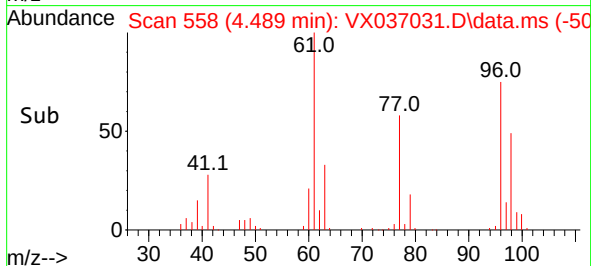
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion: 96 Resp: 99664  
 Ion Ratio Lower Upper  
 96 100  
 61 136.3 0.0 312.2  
 98 64.4 0.0 129.0

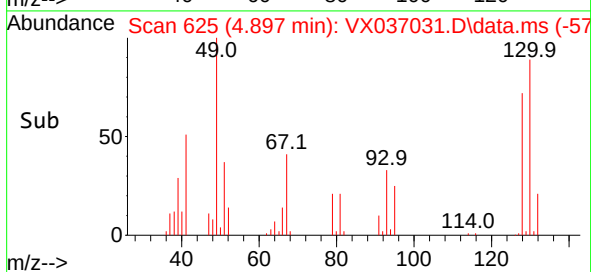
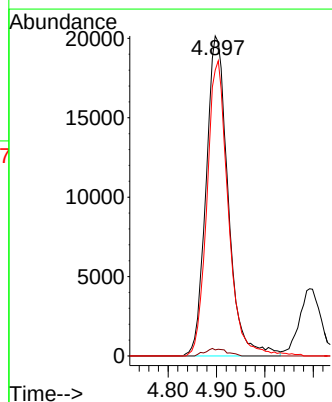
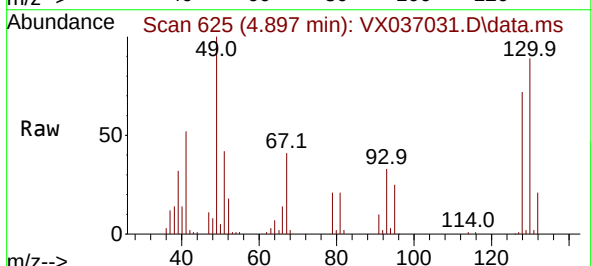
Manual Integrations  
 APPROVED

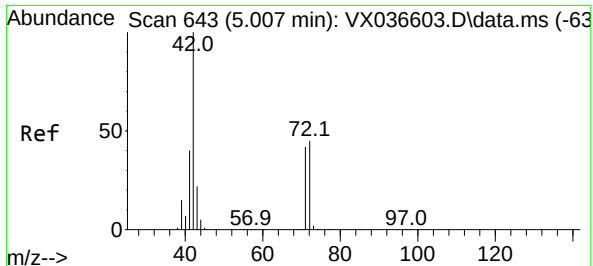
Reviewed By :John Carlone 08/17/2023  
 Supervised By :Mahesh Dadoda 08/17/2023



#28  
 Bromochloromethane  
 Concen: 45.903 ug/l  
 RT: 4.897 min Scan# 625  
 Delta R.T. -0.006 min  
 Lab File: VX037031.D  
 Acq: 16 Aug 2023 21:00

Tgt Ion: 49 Resp: 63762  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 3.8  
 130 89.4 57.5 86.3#





#29

Tetrahydrofuran

Concen: 255.404 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX037031.D

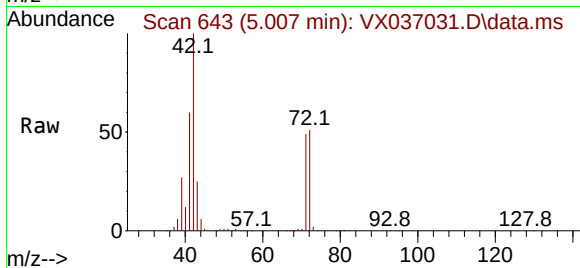
Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 200714

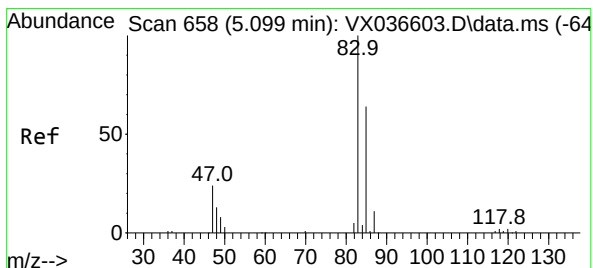
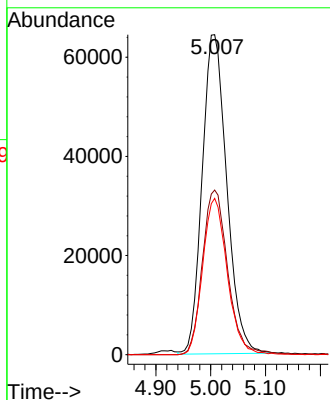
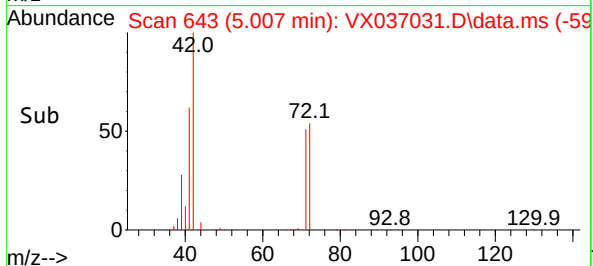
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 53.3  | 34.2  | 51.4  |
| 71  | 49.1  | 32.2  | 48.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#30

Chloroform

Concen: 58.462 ug/l

RT: 5.093 min Scan# 657

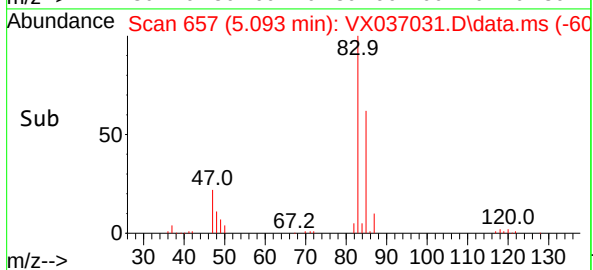
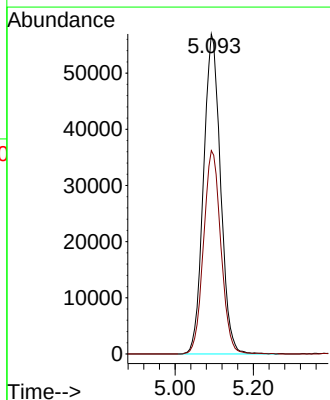
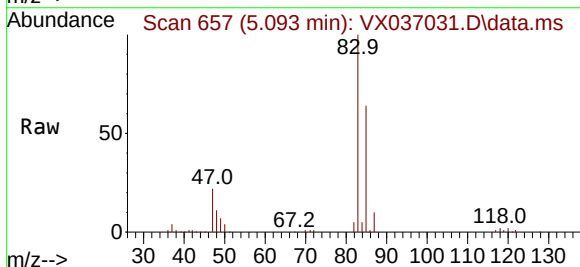
Delta R.T. -0.006 min

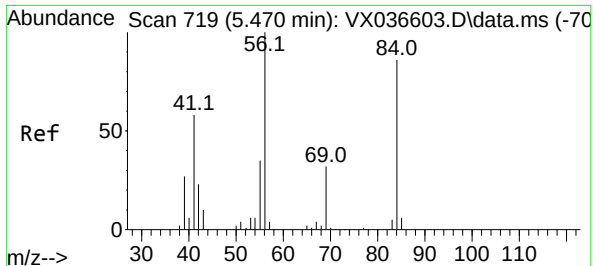
Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

Tgt Ion: 83 Resp: 171787

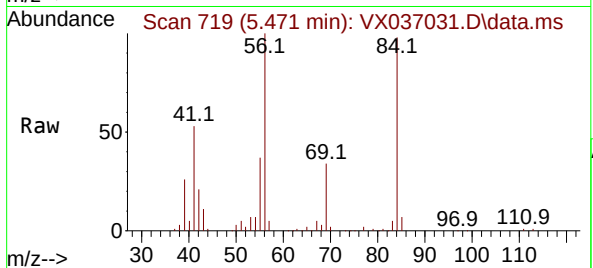
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.5  | 50.3  | 75.5  |





#31  
Cyclohexane  
Concen: 45.603 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

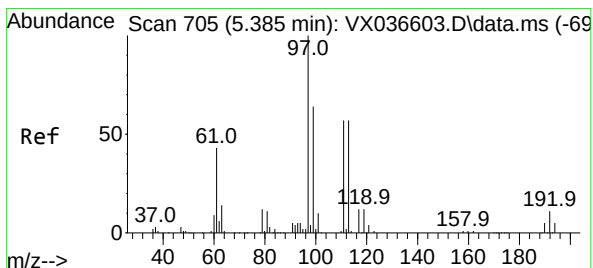
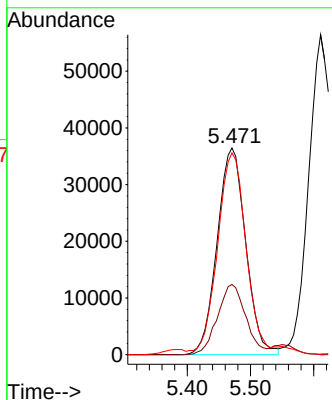
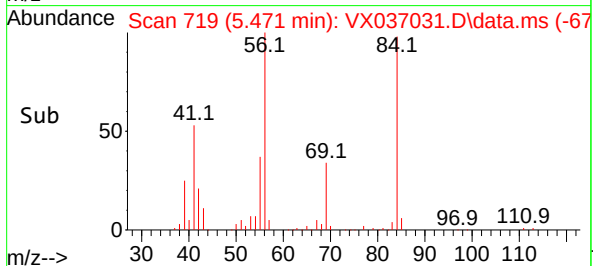
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 114319  
Ion Ratio Lower Upper  
56 100  
69 34.0 23.4 35.2  
84 95.2 65.9 98.9

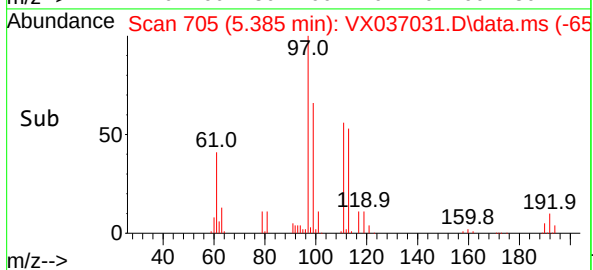
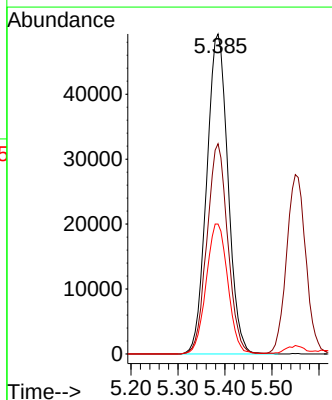
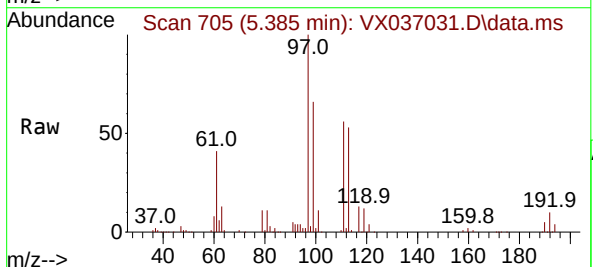
Manual Integrations  
APPROVED

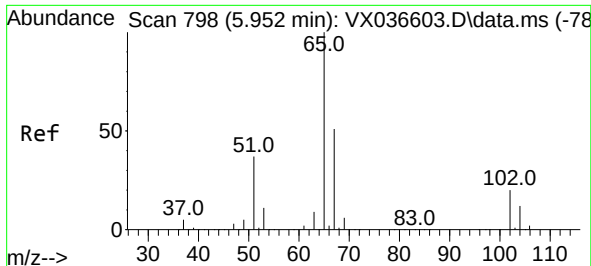
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#32  
1,1,1-Trichloroethane  
Concen: 57.502 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Tgt Ion: 97 Resp: 154820  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.1 76.7  
61 41.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.595 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8979

Ion Ratio Lower Upper

65 100

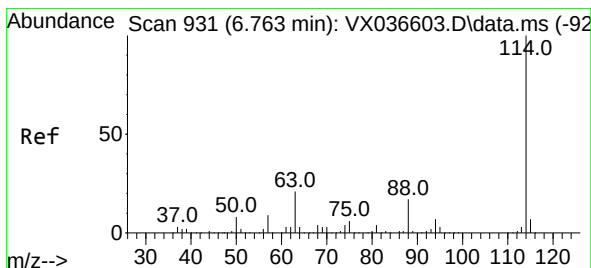
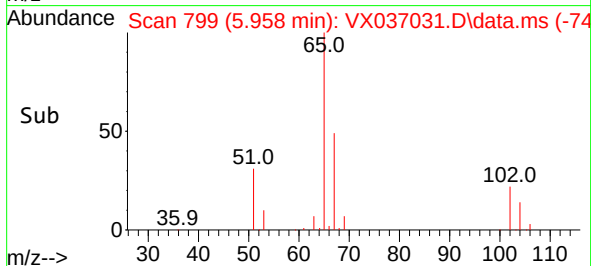
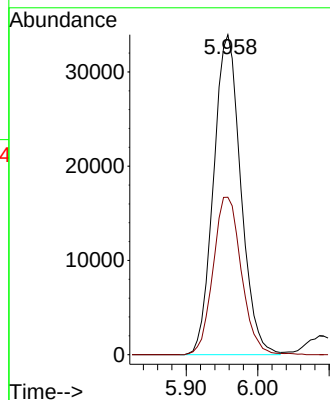
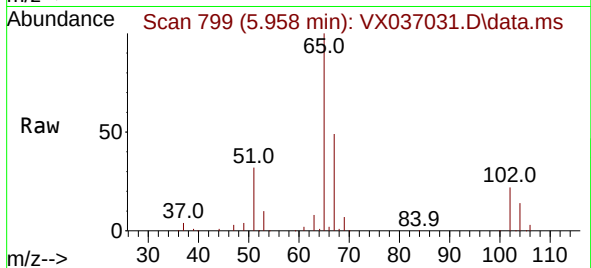
67 51.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

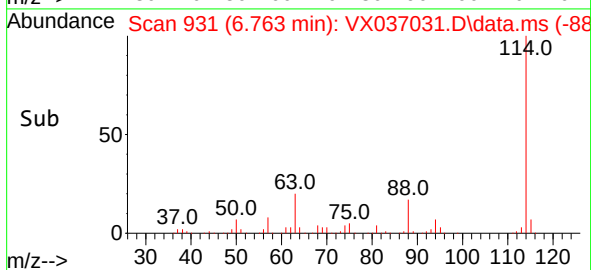
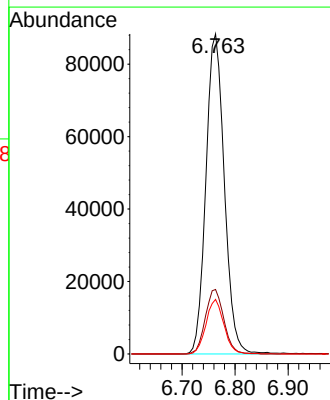
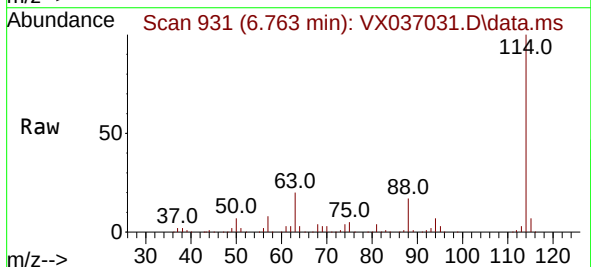
Tgt Ion:114 Resp: 213205

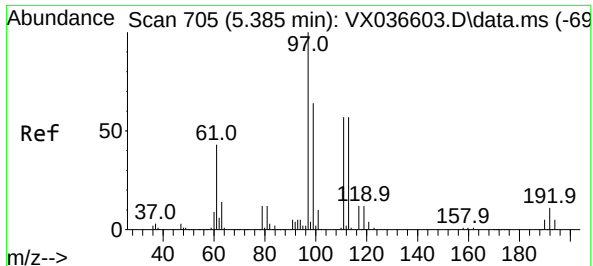
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

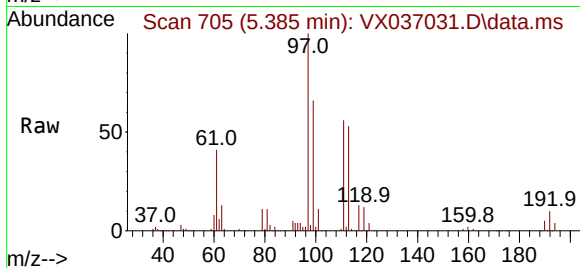
88 17.0 0.0 36.6





#35  
Dibromofluoromethane  
Concen: 52.318 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

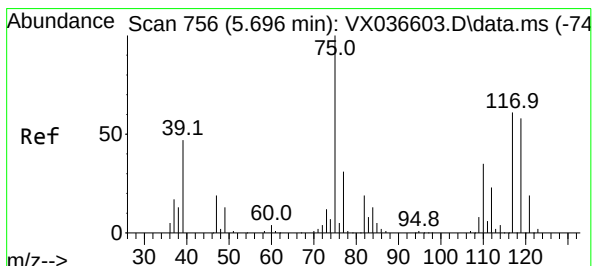
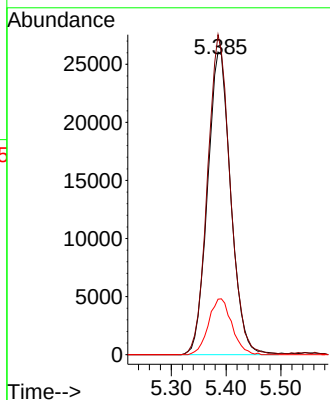
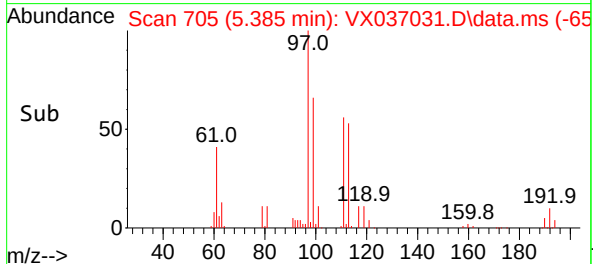
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



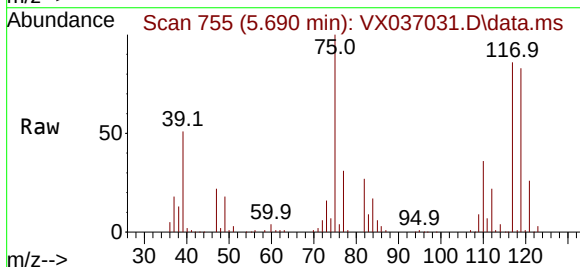
Tgt Ion: 113 Resp: 76669  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.9 124.3  
192 18.5 13.3 19.9

Manual Integrations  
APPROVED

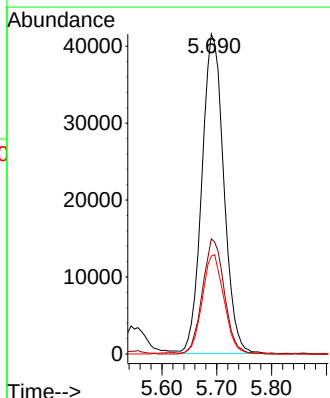
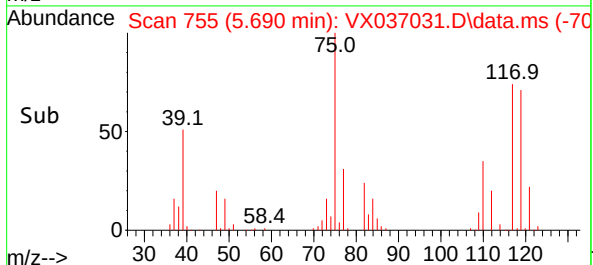
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023

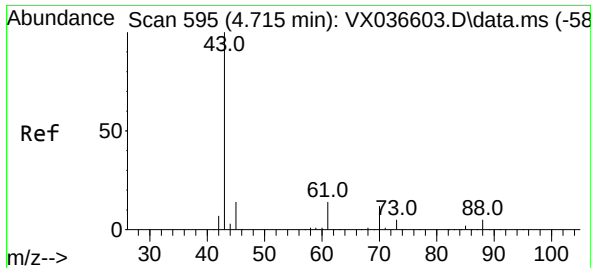


#36  
1,1-Dichloropropene  
Concen: 52.718 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00



Tgt Ion: 75 Resp: 115149  
Ion Ratio Lower Upper  
75 100  
110 35.9 17.0 50.9  
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 50.103 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 123860

Ion Ratio Lower Upper

43 100

61 14.7 10.6 16.0

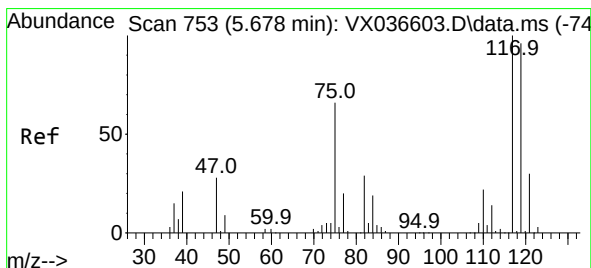
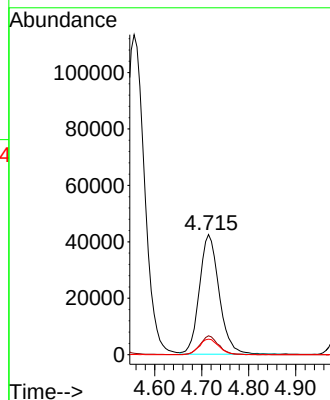
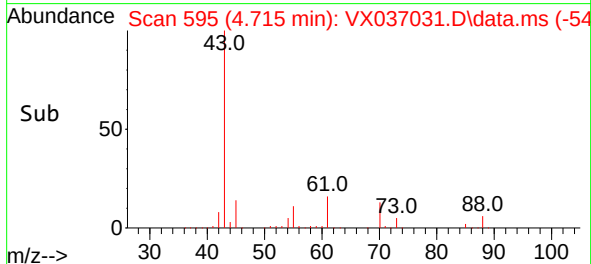
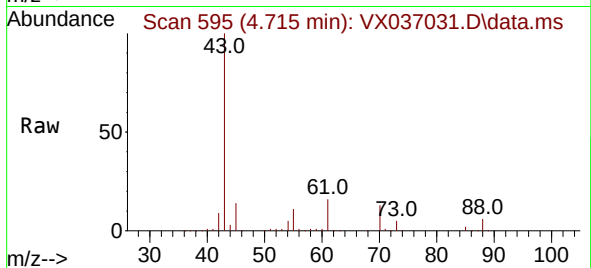
70 13.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#38

Carbon Tetrachloride

Concen: 57.201 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

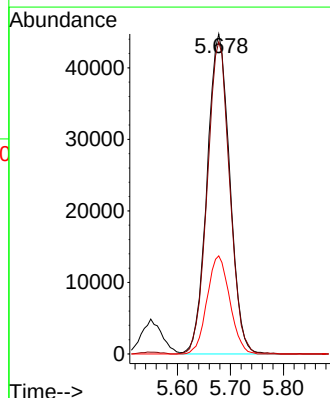
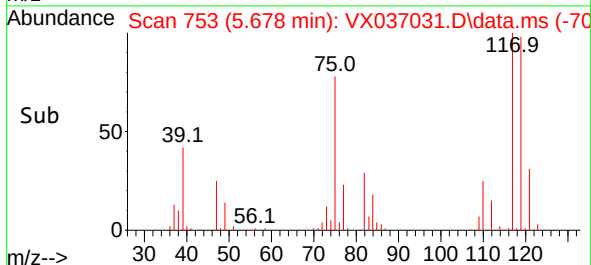
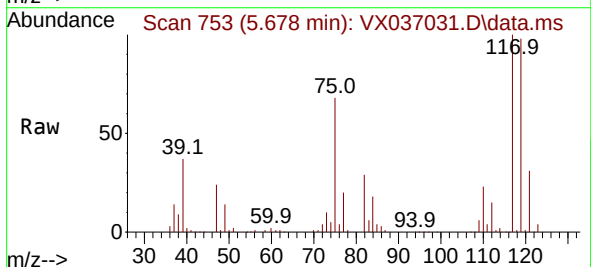
Tgt Ion:117 Resp: 132831

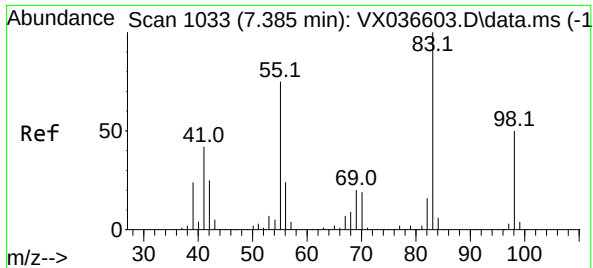
Ion Ratio Lower Upper

117 100

119 97.6 78.2 117.2

121 30.7 24.4 36.6





#39

Methylcyclohexane

Concen: 43.211 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11736

Ion Ratio Lower Upper

83 100

55 70.7 64.6 97.0

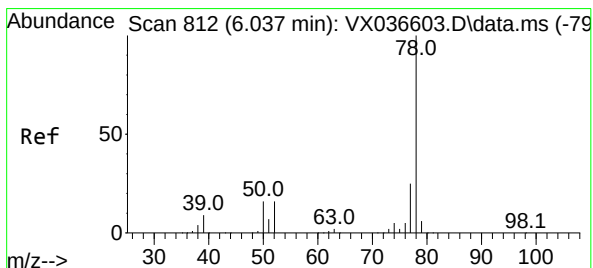
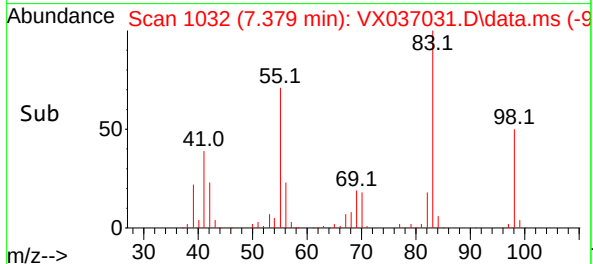
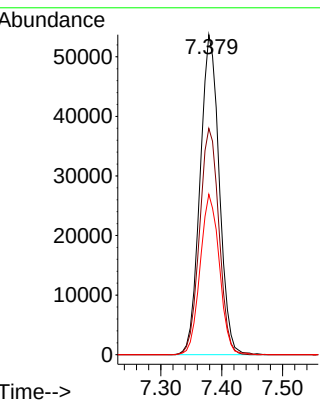
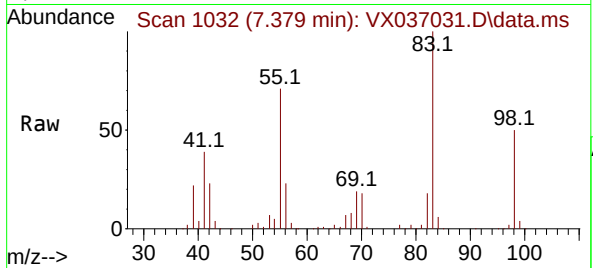
98 50.1 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#40

Benzene

Concen: 53.375 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX037031.D

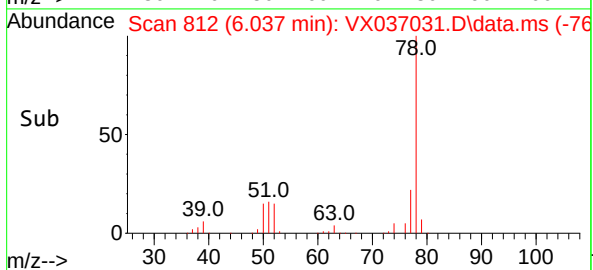
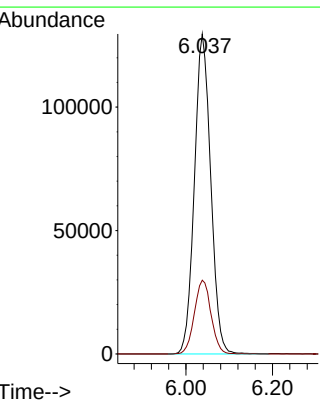
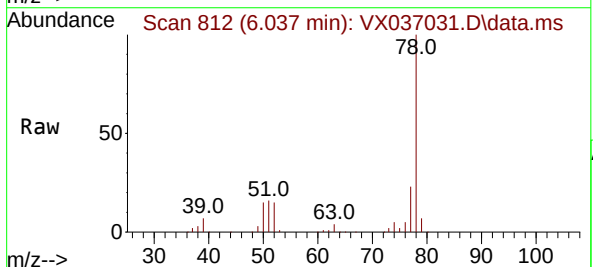
Acq: 16 Aug 2023 21:00

Tgt Ion: 78 Resp: 339198

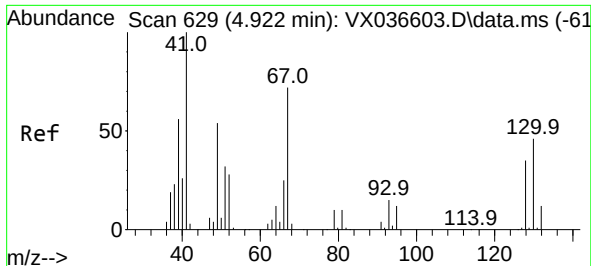
Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9







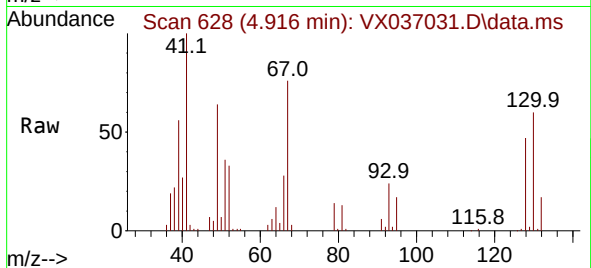
#41  
Methacrylonitrile  
Concen: 51.393 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC



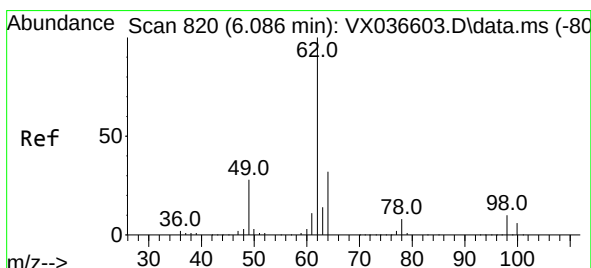
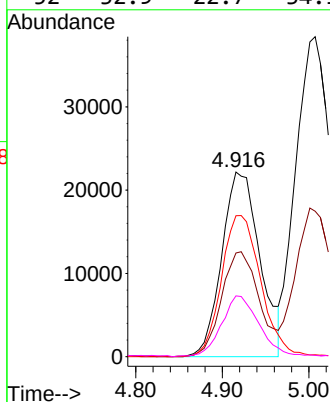
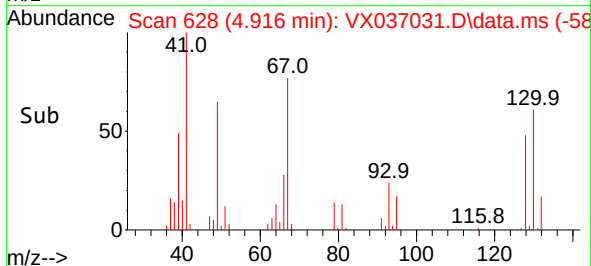
Tgt Ion: 41 Resp: 6795  
Ion Ratio Lower Upper  
41 100  
39 56.6 45.2 67.8  
67 78.9 52.6 78.8  
52 32.9 22.7 34.1

Manual Integrations

APPROVED

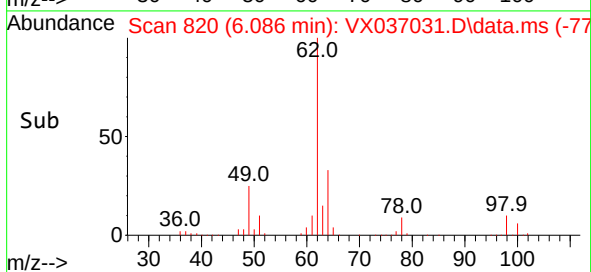
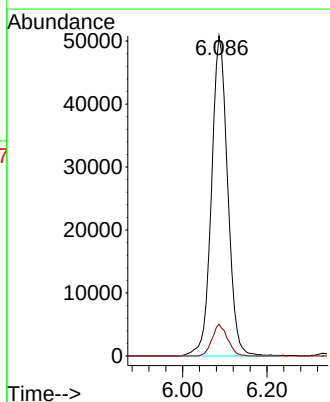
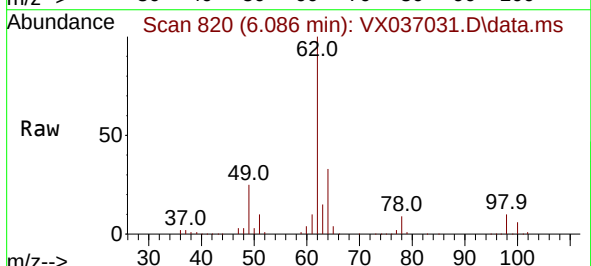
Reviewed By :John Carlone 08/17/2023

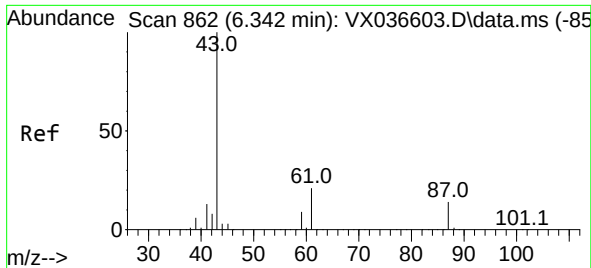
Supervised By :Mahesh Dadoda 08/17/2023



#42  
1,2-Dichloroethane  
Concen: 58.239 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

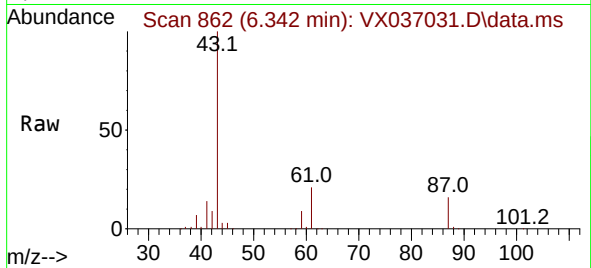
Tgt Ion: 62 Resp: 135316  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 16.0





#43  
Isopropyl Acetate  
Concen: 47.836 ug/l  
RT: 6.342 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

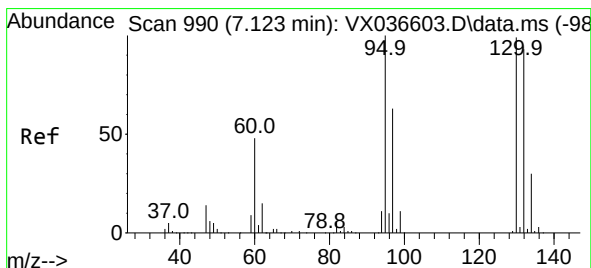
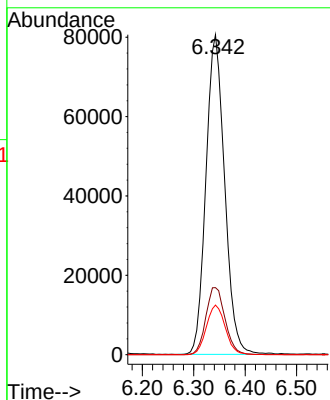
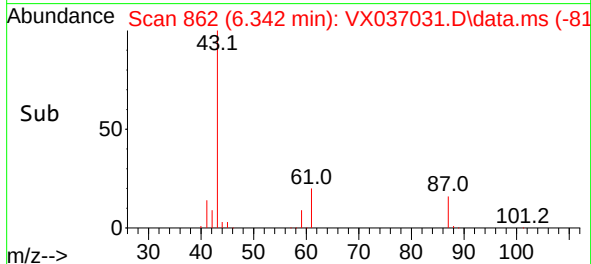
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 203574  
Ion Ratio Lower Upper  
43 100  
61 21.6 15.2 22.8  
87 15.7 9.8 14.6

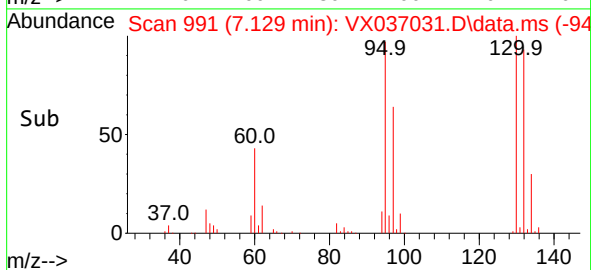
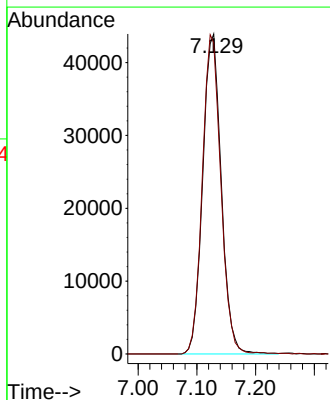
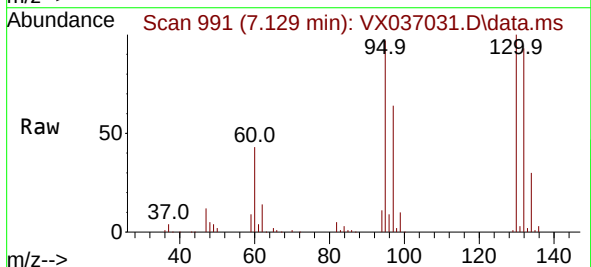
Manual Integrations  
APPROVED

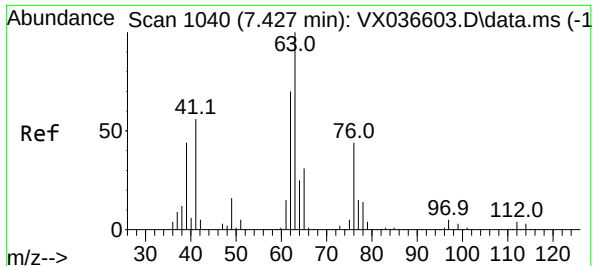
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#44  
Trichloroethene  
Concen: 58.097 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Tgt Ion:130 Resp: 96505  
Ion Ratio Lower Upper  
130 100  
95 97.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.809 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 86209

Ion Ratio Lower Upper

63 100

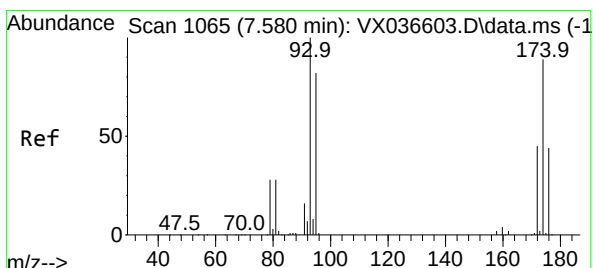
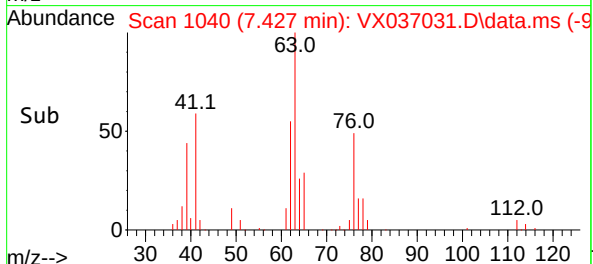
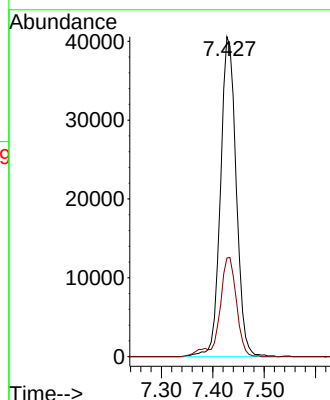
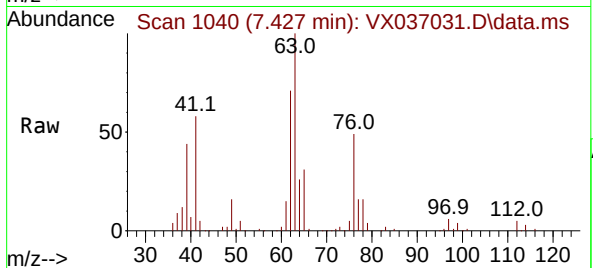
65 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#46

Dibromomethane

Concen: 57.353 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

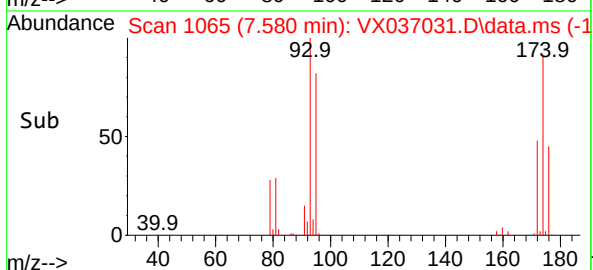
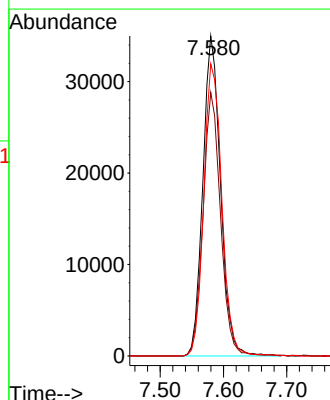
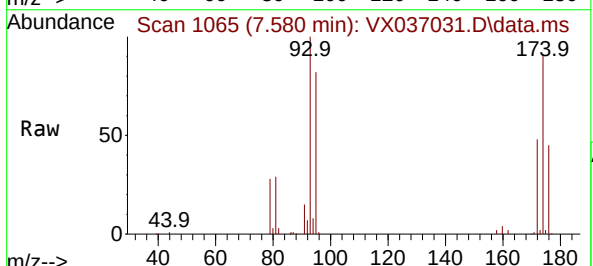
Tgt Ion: 93 Resp: 68105

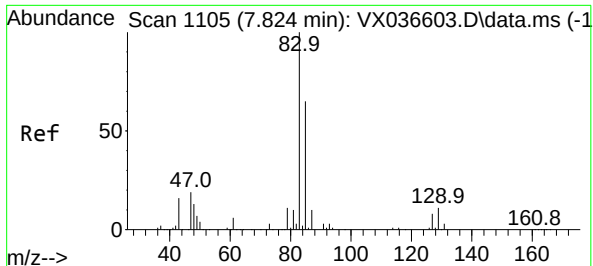
Ion Ratio Lower Upper

93 100

95 81.4 66.6 100.0

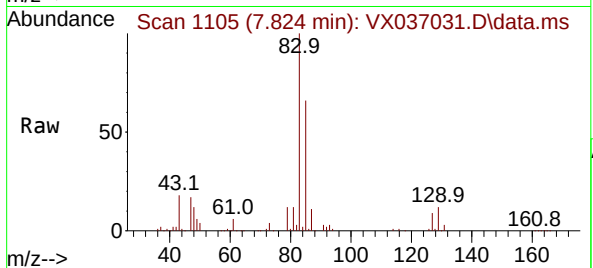
174 93.3 69.4 104.0





#47  
Bromodichloromethane  
Concen: 55.216 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

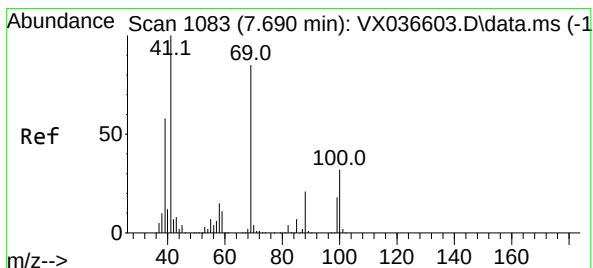
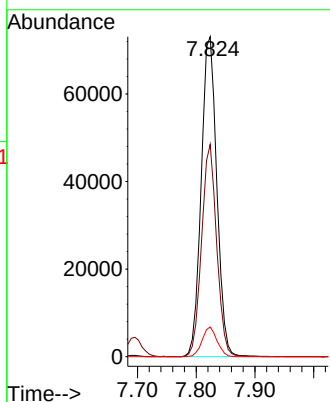
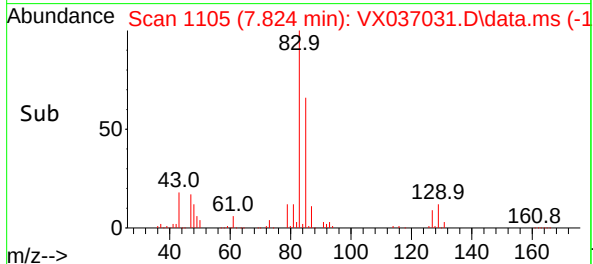
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 83 Resp: 13458  
Ion Ratio Lower Upper  
83 100  
85 66.4 49.8 74.6  
127 9.3 7.1 10.7

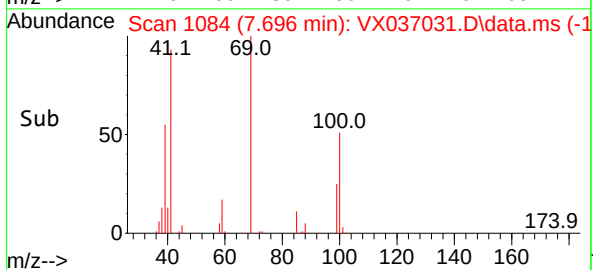
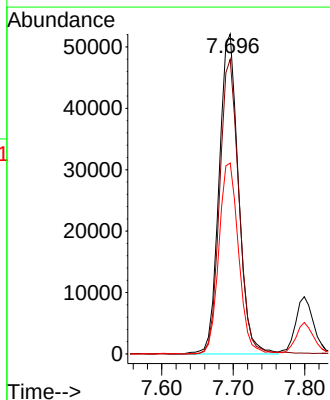
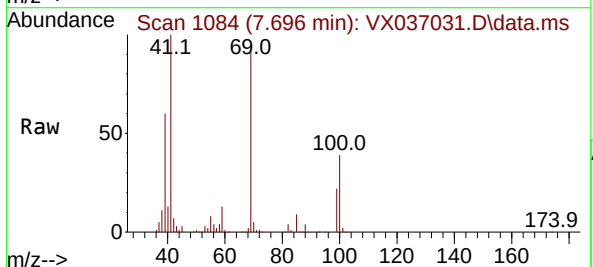
Manual Integrations  
APPROVED

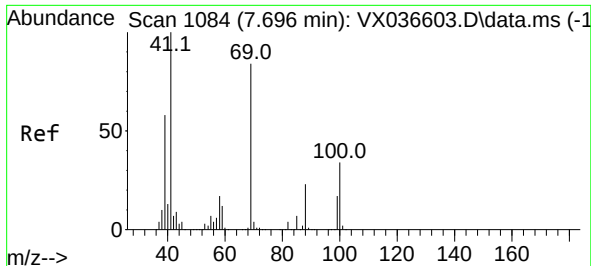
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#48  
Methyl methacrylate  
Concen: 49.441 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Tgt Ion: 41 Resp: 97849  
Ion Ratio Lower Upper  
41 100  
69 91.7 59.2 88.8  
39 61.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1302.960 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.037 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 52094

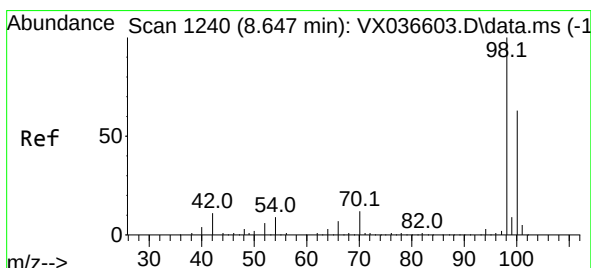
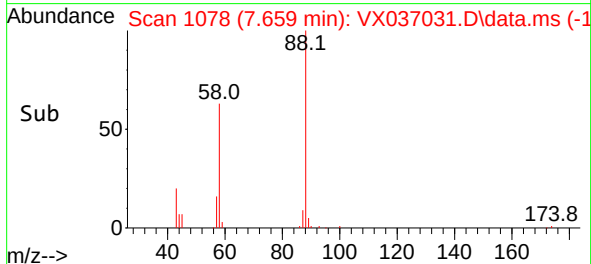
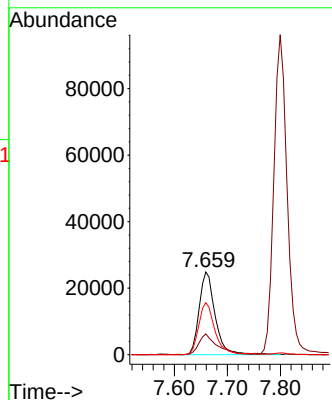
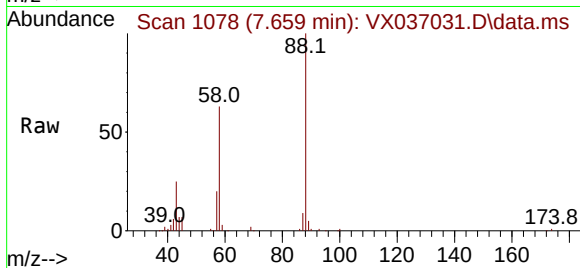
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 28.7  | 0.0   | 0.0   |
| 58  | 64.4  | 60.1  | 90.1  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#50

Toluene-d8

Concen: 46.997 ug/l

RT: 8.647 min Scan# 1240

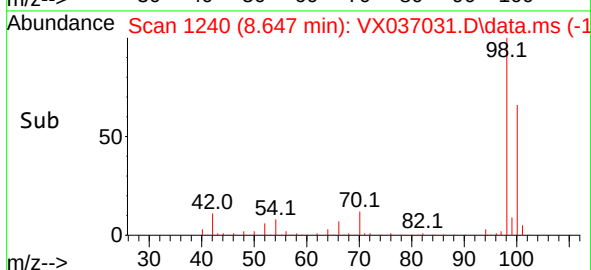
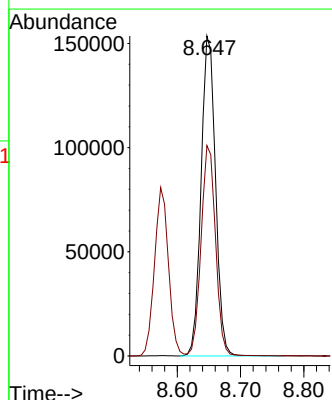
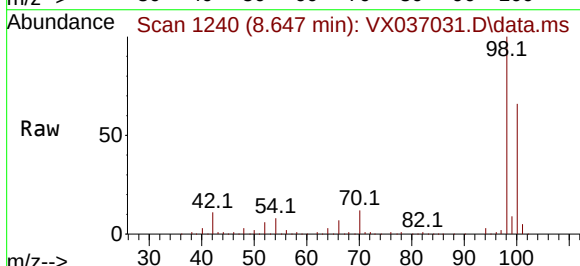
Delta R.T. 0.000 min

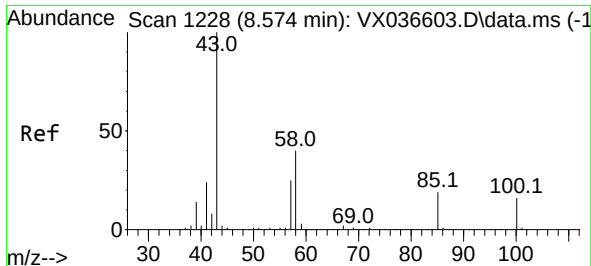
Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

Tgt Ion: 98 Resp: 244233

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 65.9  | 53.1  | 79.7  |





#51  
4-Methyl-2-Pentanone  
Concen: 262.931 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

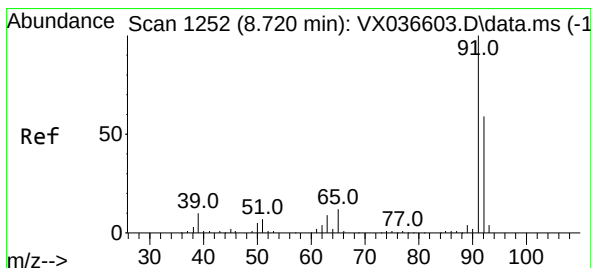
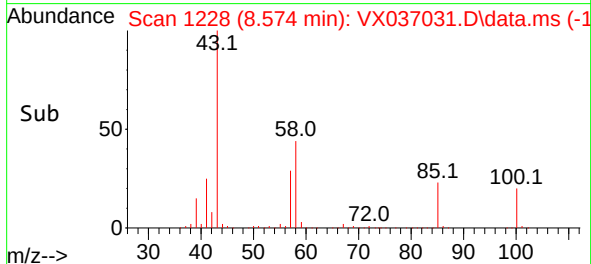
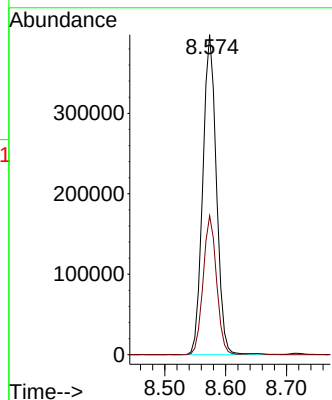
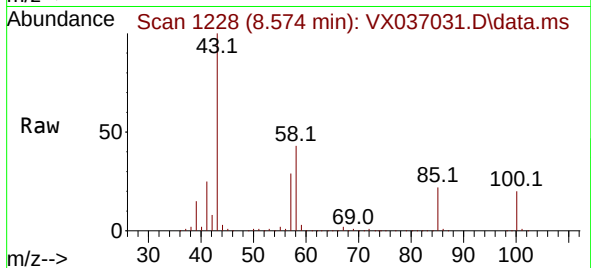
VSTDCCC050EC

Tgt Ion: 43 Resp: 61921  
Ion Ratio Lower Upper  
43 100  
58 42.6 30.4 45.6

Manual Integrations

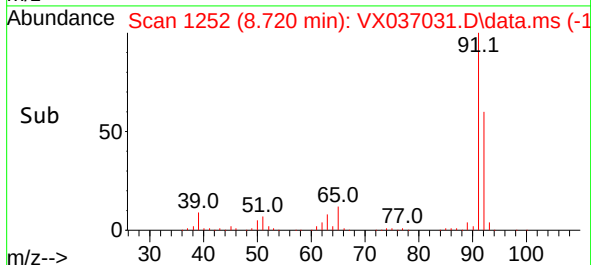
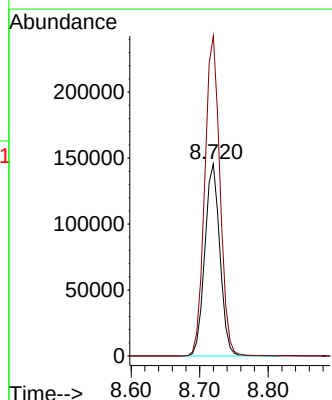
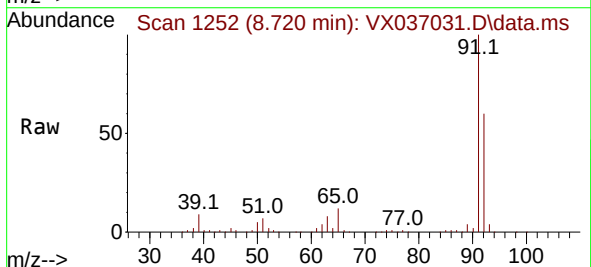
APPROVED

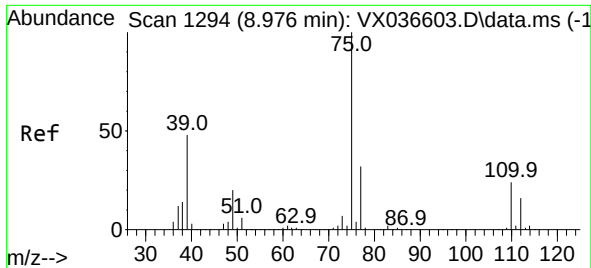
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#52  
Toluene  
Concen: 56.017 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

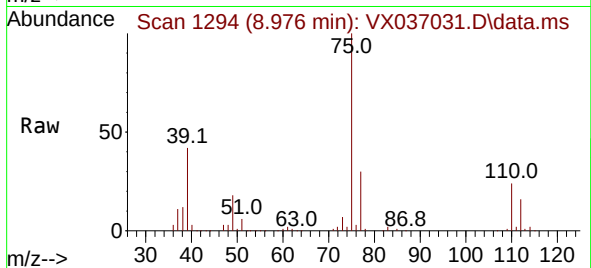
Tgt Ion: 92 Resp: 223057  
Ion Ratio Lower Upper  
92 100  
91 167.9 134.2 201.2





#53  
t-1,3-Dichloropropene  
Concen: 50.572 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

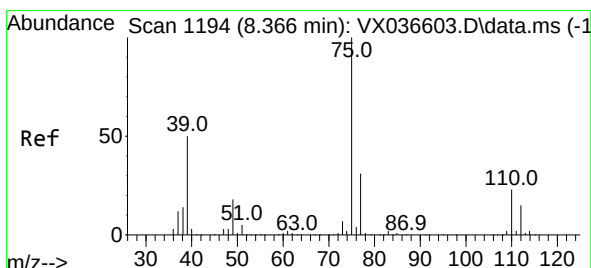
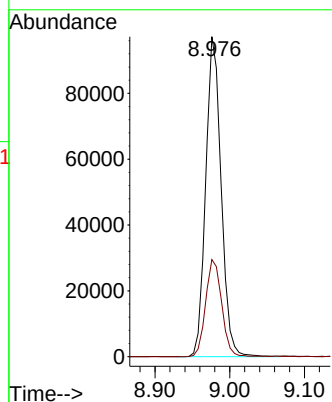
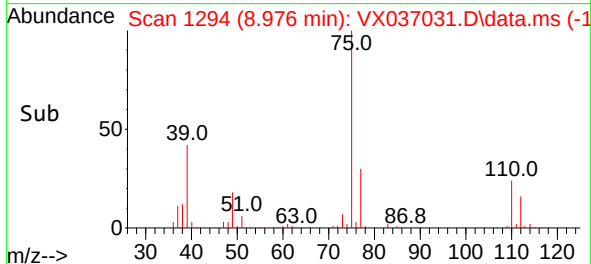
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



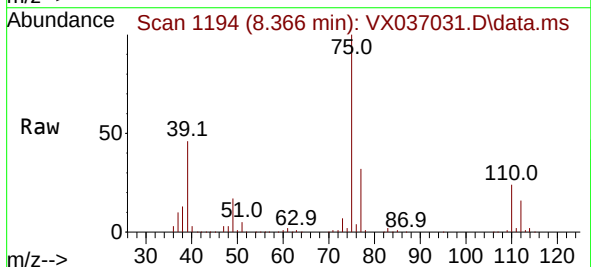
Tgt Ion: 75 Resp: 13932  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.7 38.5

Manual Integrations  
APPROVED

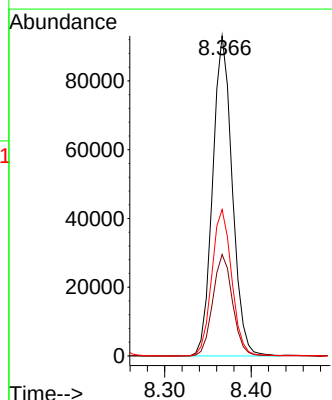
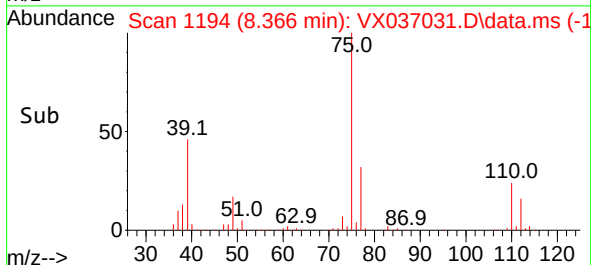
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023

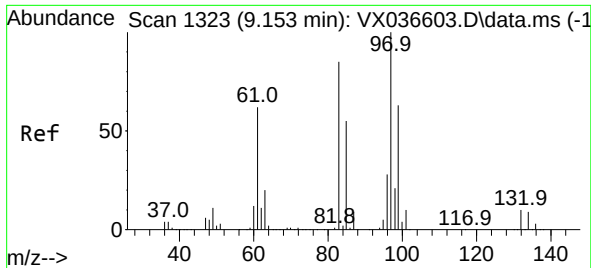


#54  
cis-1,3-Dichloropropene  
Concen: 50.428 ug/l  
RT: 8.366 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00



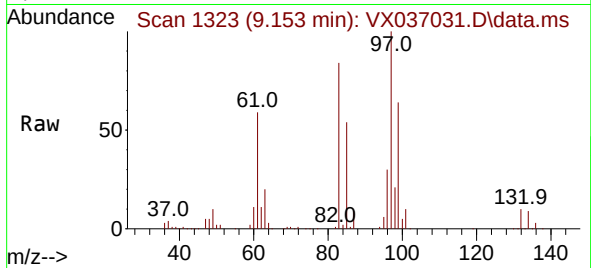
Tgt Ion: 75 Resp: 146596  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.3 37.9  
39 45.7 46.7 70.1#





#55  
1,1,2-Trichloroethane  
Concen: 56.749 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

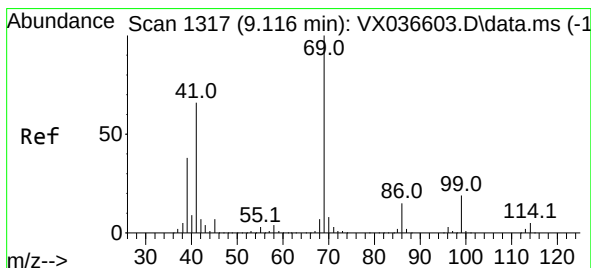
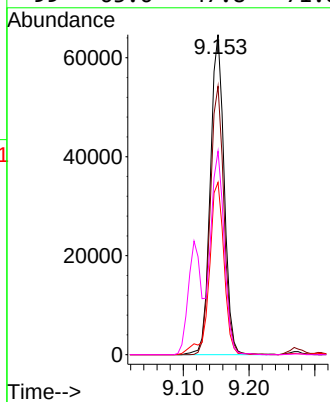
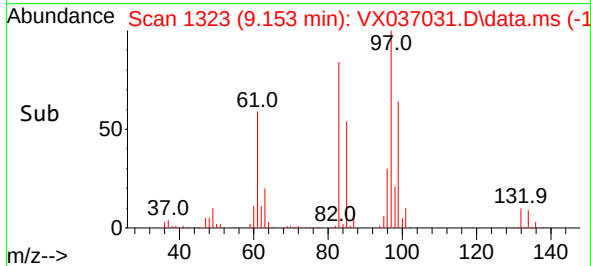
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



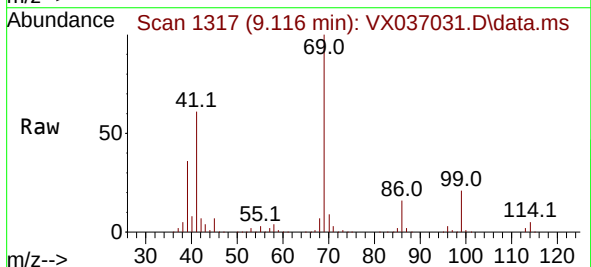
| Tgt Ion: | 97    | Resp: | 9498  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.9  | 65.8  | 98.8  |
| 85       | 53.8  | 41.6  | 62.4  |
| 99       | 63.6  | 47.8  | 71.8  |

Manual Integrations  
APPROVED

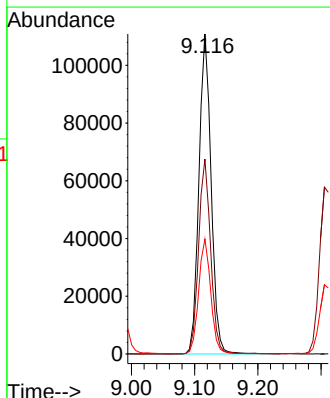
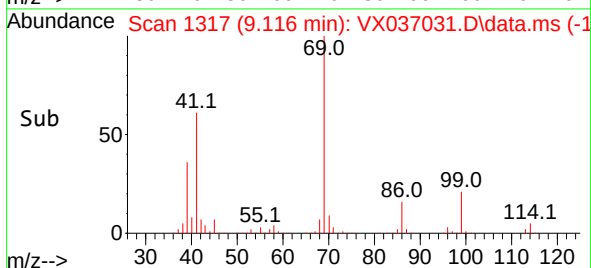
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



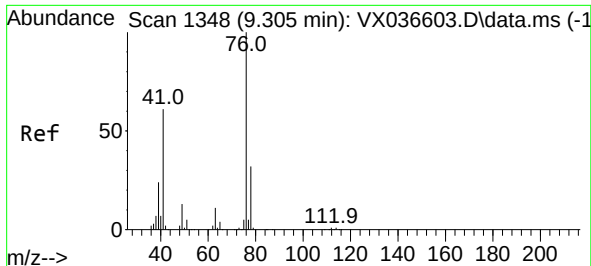
#56  
Ethyl methacrylate  
Concen: 54.646 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00



| Tgt Ion: | 69    | Resp: | 148944 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.4  | 56.8  | 85.2   |
| 39       | 35.8  | 32.0  | 48.0   |







#57

1,3-Dichloropropane

Concen: 56.306 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 156970

Ion Ratio Lower Upper

76 100

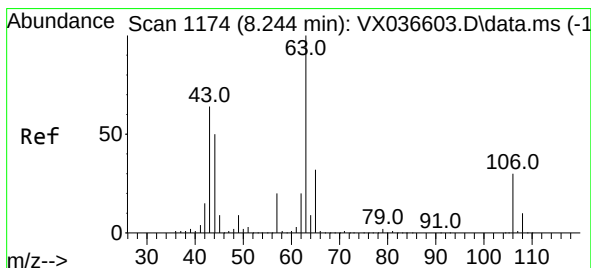
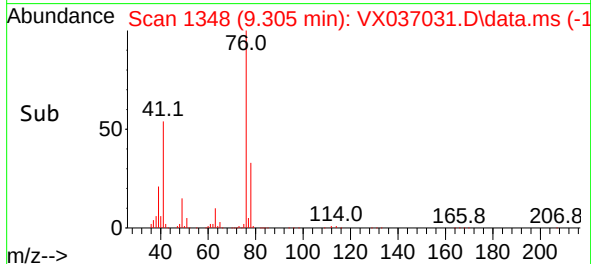
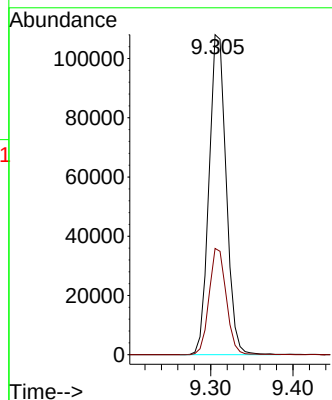
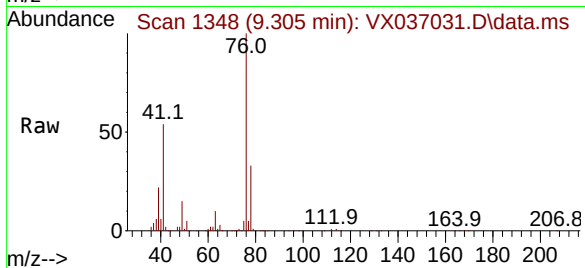
78 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 237.211 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037031.D

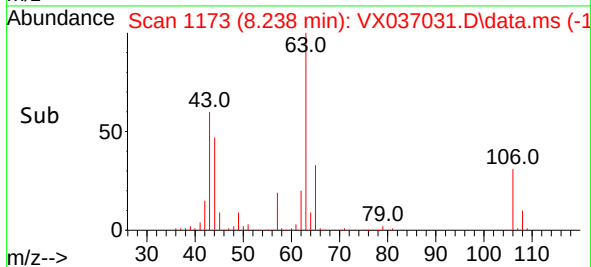
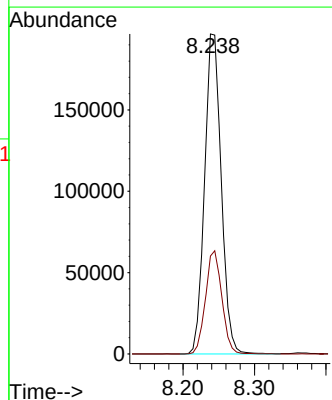
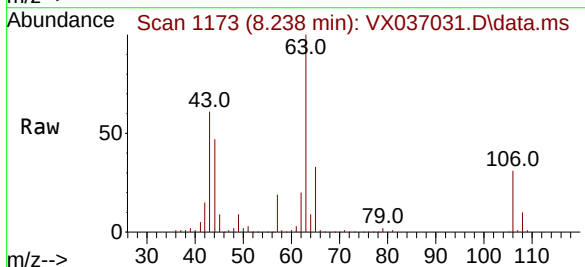
Acq: 16 Aug 2023 21:00

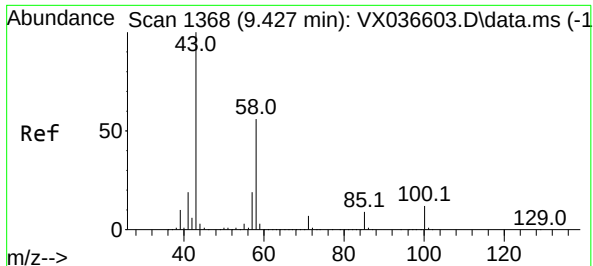
Tgt Ion: 63 Resp: 318573

Ion Ratio Lower Upper

63 100

106 31.7 22.5 33.7





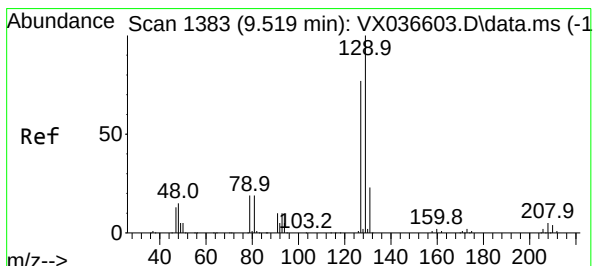
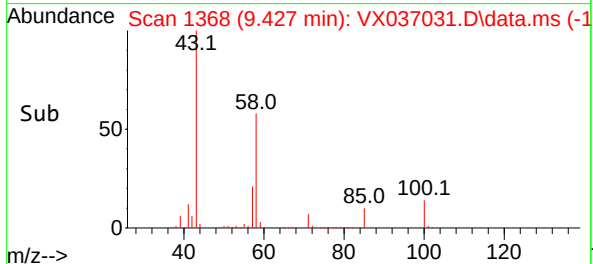
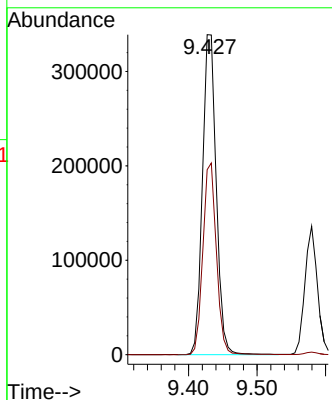
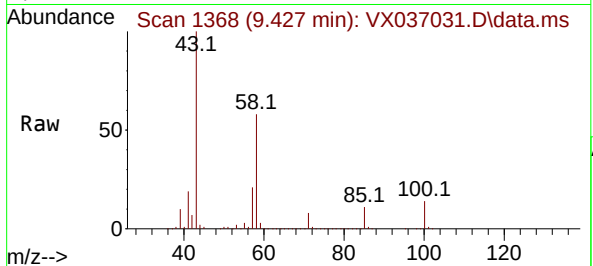
#59  
2-Hexanone  
Concen: 271.656 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 47480  
Ion Ratio Lower Upper  
43 100  
58 58.9 26.2 78.5

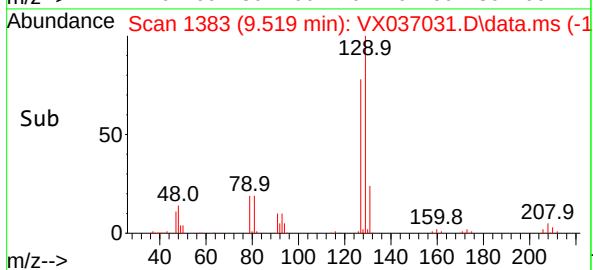
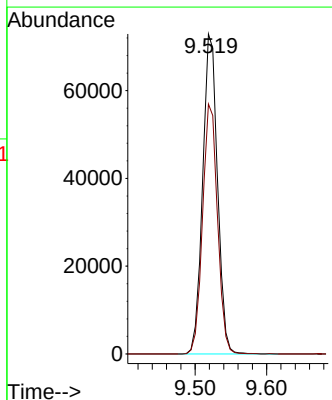
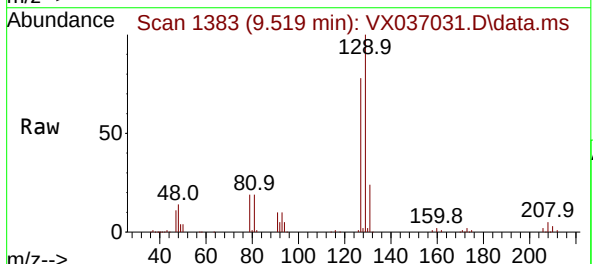
Manual Integrations  
APPROVED

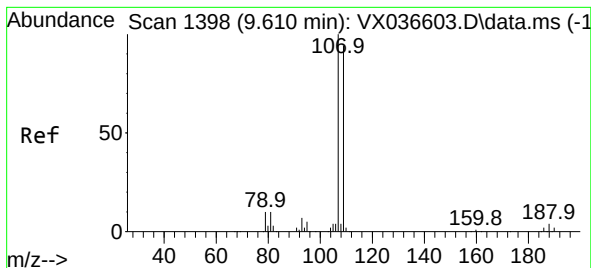
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#60  
Dibromochloromethane  
Concen: 57.094 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

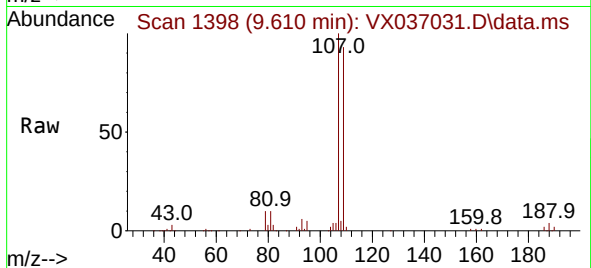
Tgt Ion:129 Resp: 105038  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.8 116.4





#61  
1,2-Dibromoethane  
Concen: 59.410 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

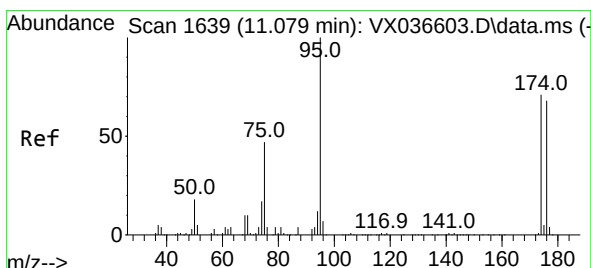
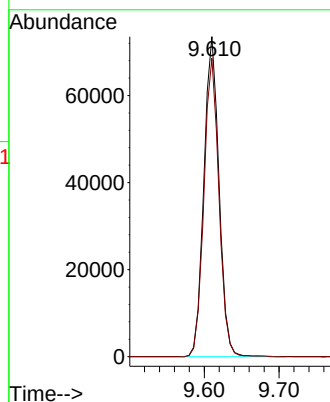
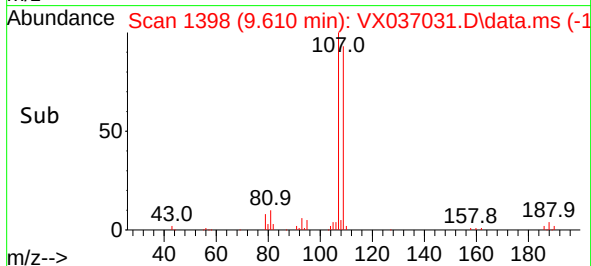
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



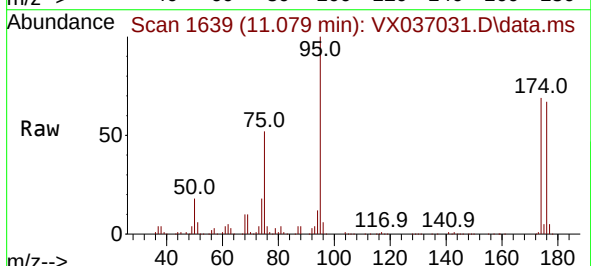
Tgt Ion:107 Resp: 103062  
Ion Ratio Lower Upper  
107 100  
109 92.7 75.2 112.8

Manual Integrations  
APPROVED

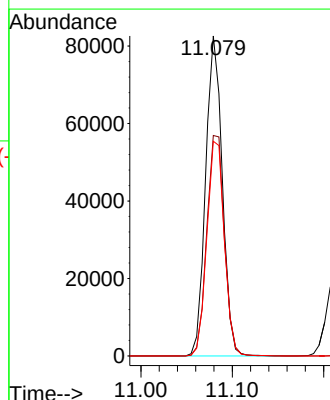
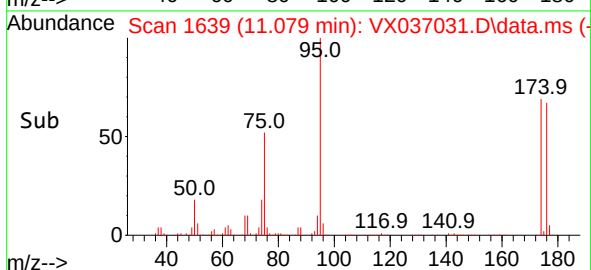
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023

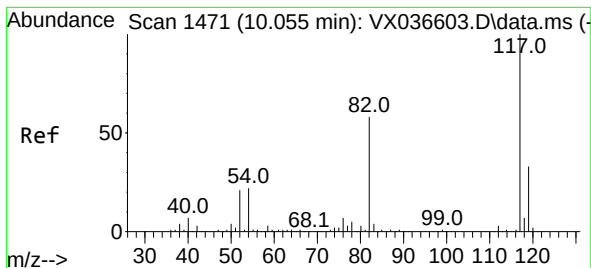


#62  
4-Bromofluorobenzene  
Concen: 53.175 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00



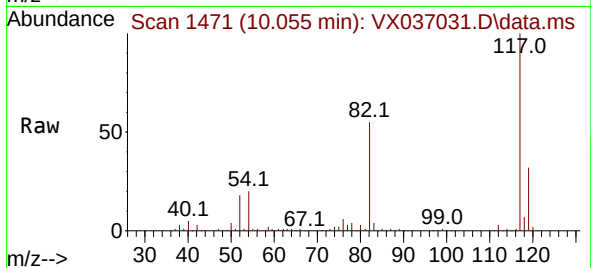
Tgt Ion: 95 Resp: 104258  
Ion Ratio Lower Upper  
95 100  
174 72.9 0.0 135.6  
176 70.3 0.0 131.0





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

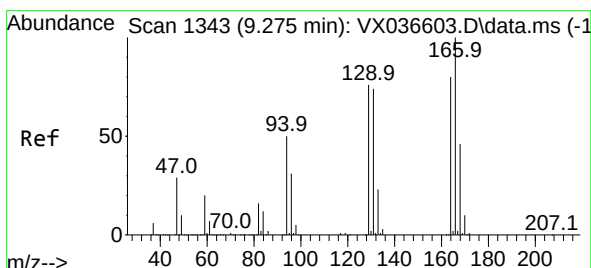
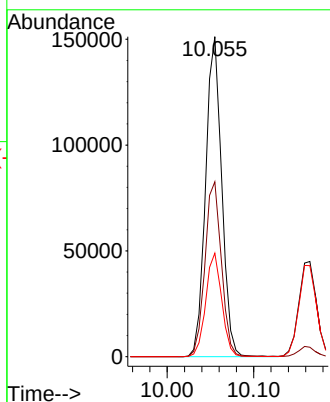
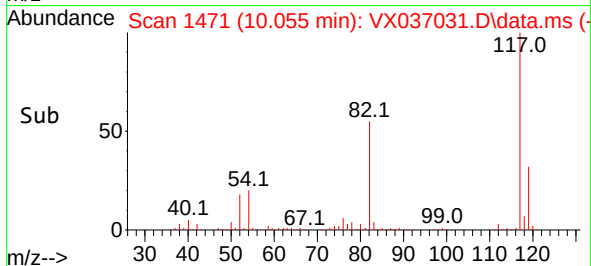
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:117 Resp: 195348  
Ion Ratio Lower Upper  
117 100  
82 54.6 46.2 69.4  
119 32.4 25.5 38.3

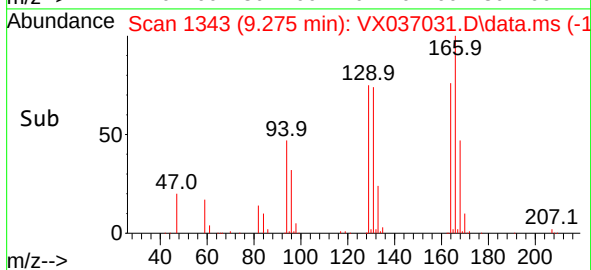
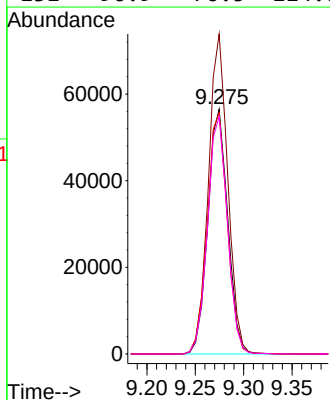
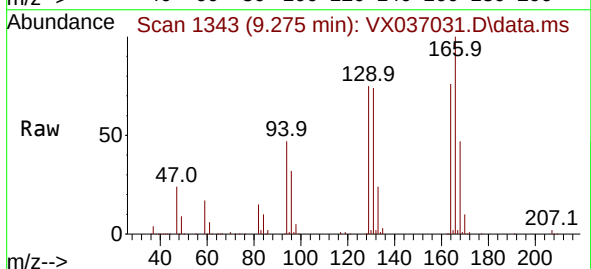
Manual Integrations  
APPROVED

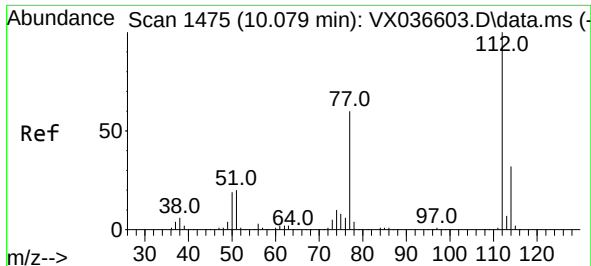
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#64  
Tetrachloroethene  
Concen: 55.549 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

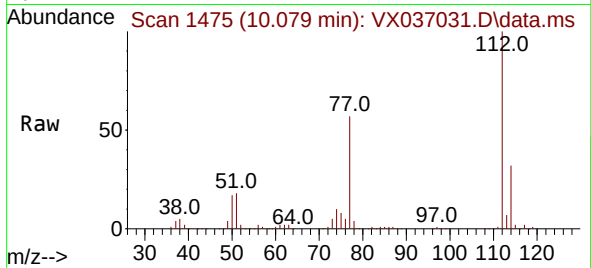
Tgt Ion:164 Resp: 80939  
Ion Ratio Lower Upper  
164 100  
166 130.7 102.7 154.1  
129 98.5 80.4 120.6  
131 96.9 76.5 114.7





#65  
Chlorobenzene  
Concen: 55.943 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

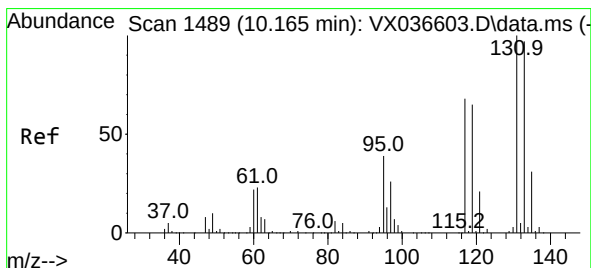
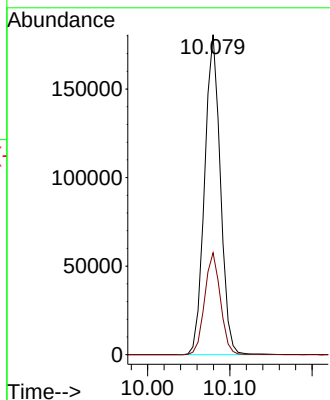
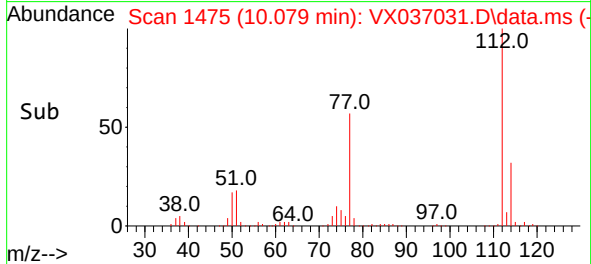
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



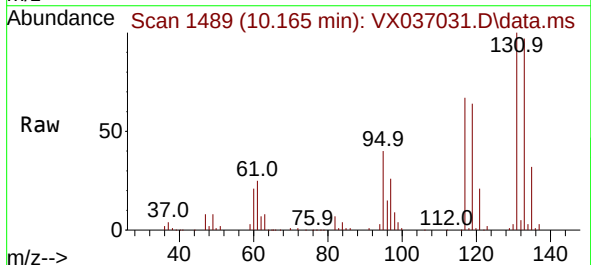
Tgt Ion:112 Resp: 24089  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.7 38.5

Manual Integrations  
APPROVED

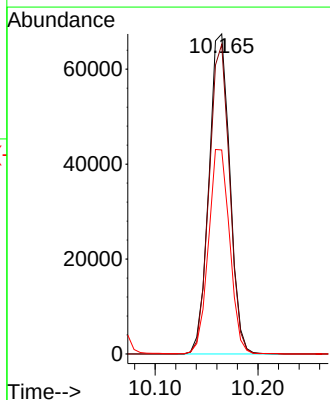
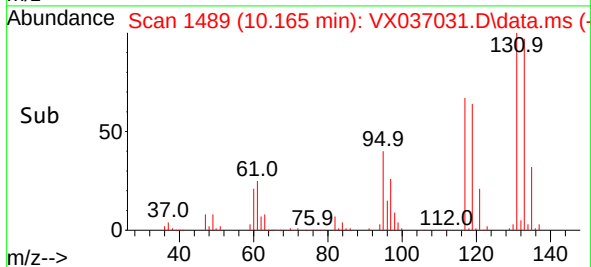
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023

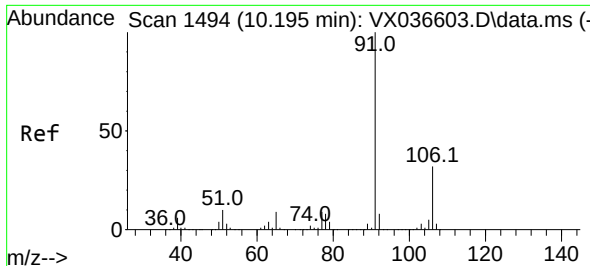


#66  
1,1,1,2-Tetrachloroethane  
Concen: 57.245 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00



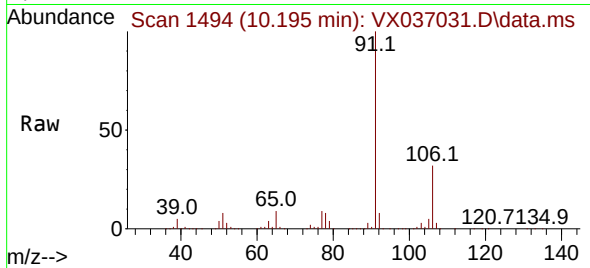
Tgt Ion:131 Resp: 95275  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.1 141.4  
119 64.6 32.2 96.6





#67  
Ethyl Benzene  
Concen: 54.583 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

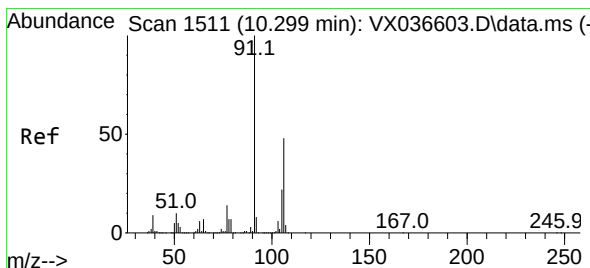
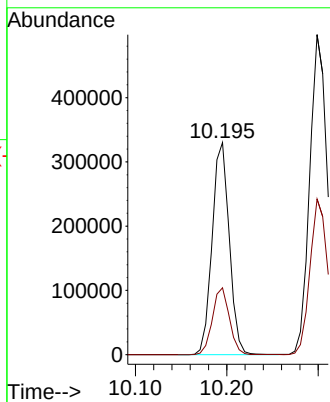
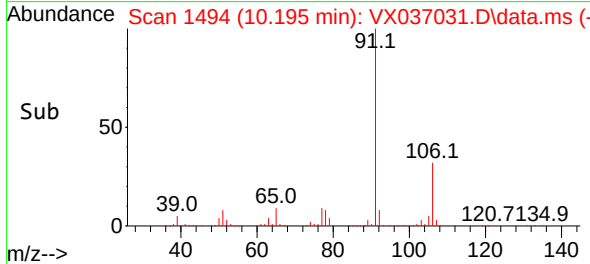
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



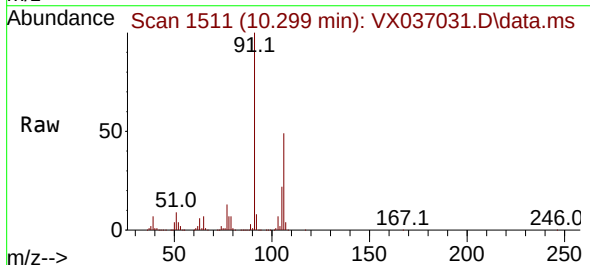
Tgt Ion: 91 Resp: 429370  
Ion Ratio Lower Upper  
91 100  
106 31.5 24.9 37.3

Manual Integrations  
APPROVED

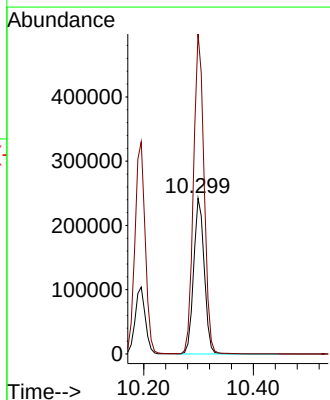
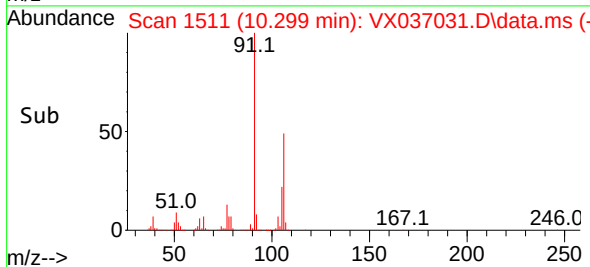
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023

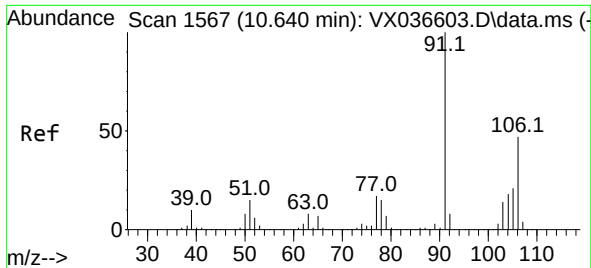


#68  
m/p-Xylenes  
Concen: 111.280 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00



Tgt Ion:106 Resp: 326607  
Ion Ratio Lower Upper  
106 100  
91 205.8 165.5 248.3





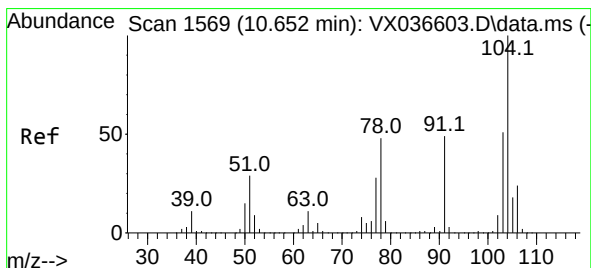
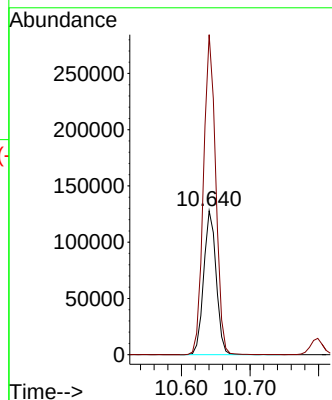
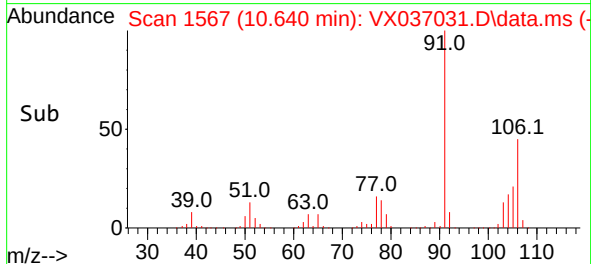
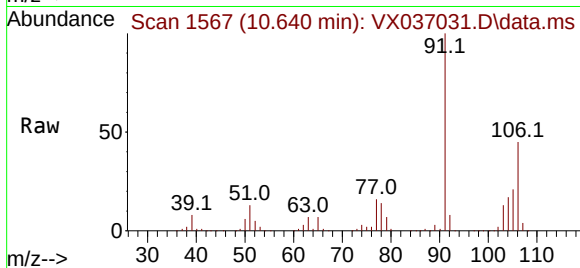
#69  
o-Xylene  
Concen: 55.486 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 16255  
Ion Ratio Lower Upper  
106 100  
91 218.4 108.9 326.8

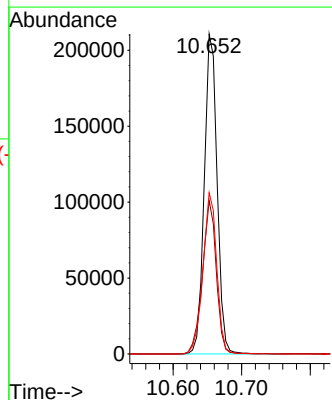
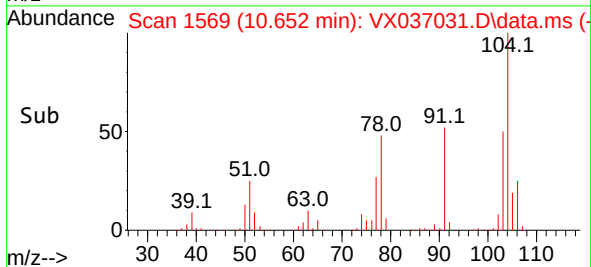
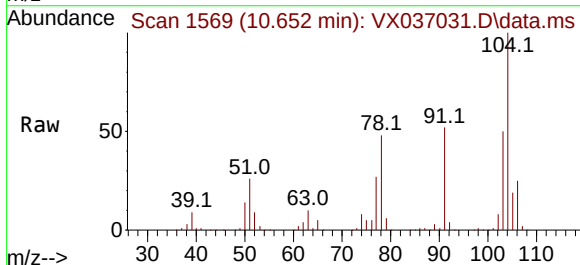
Manual Integrations  
APPROVED

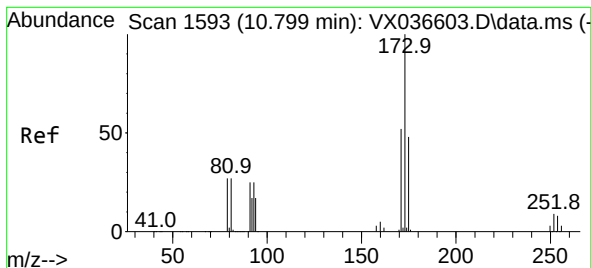
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#70  
Styrene  
Concen: 57.036 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Tgt Ion:104 Resp: 275684  
Ion Ratio Lower Upper  
104 100  
78 51.5 43.6 65.4  
103 54.2 43.6 65.4





#71

Bromoform

Concen: 55.795 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX037031.D

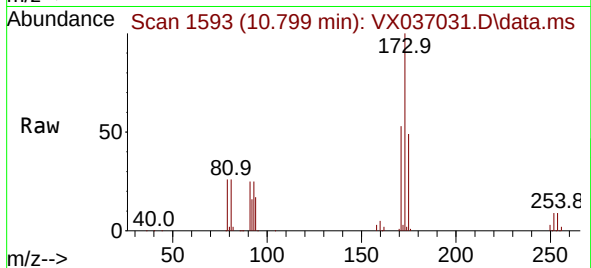
Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 75170

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

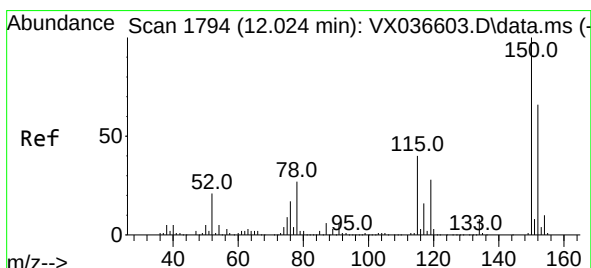
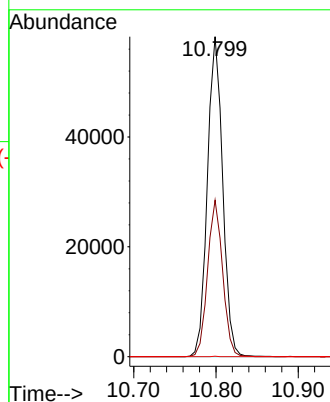
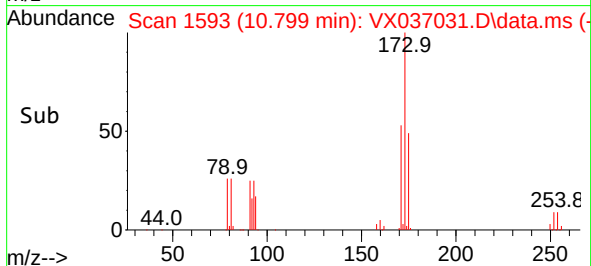
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

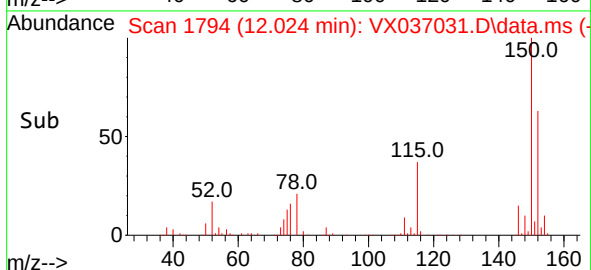
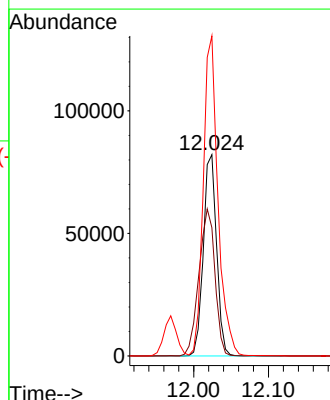
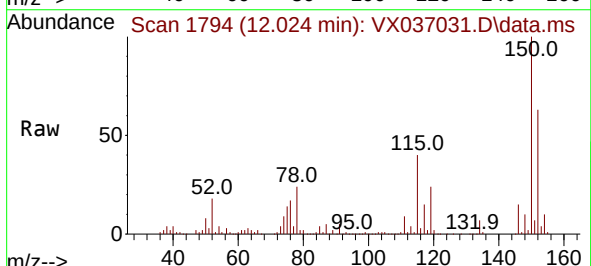
Tgt Ion:152 Resp: 101189

Ion Ratio Lower Upper

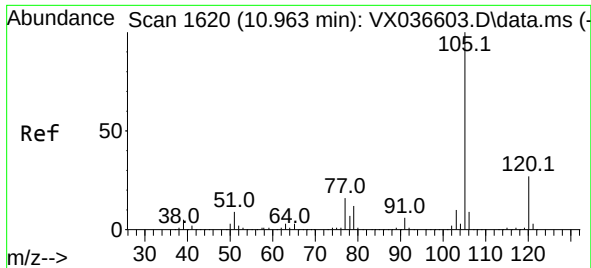
152 100

115 88.4 43.3 129.9

150 175.1 0.0 345.0

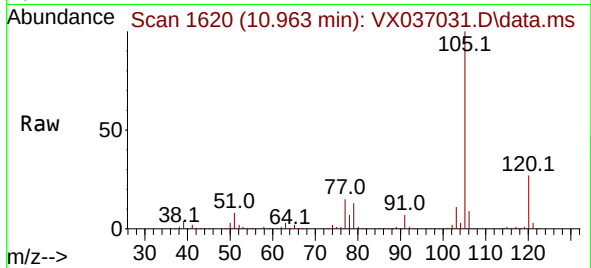






#73  
Isopropylbenzene  
Concen: 50.576 ug/l  
RT: 10.963 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

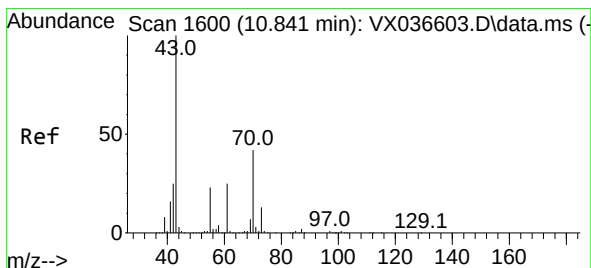
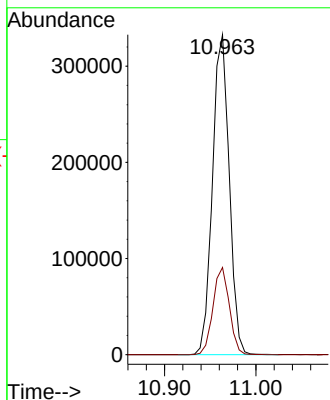
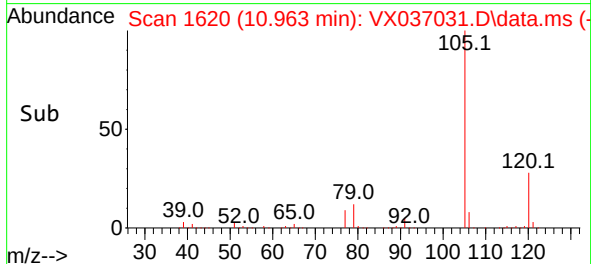
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



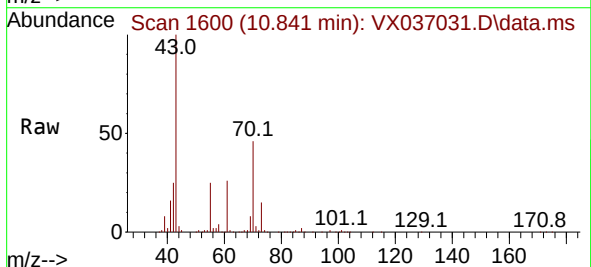
Tgt Ion:105 Resp: 42353  
Ion Ratio Lower Upper  
105 100  
120 26.6 12.9 38.6

Manual Integrations  
APPROVED

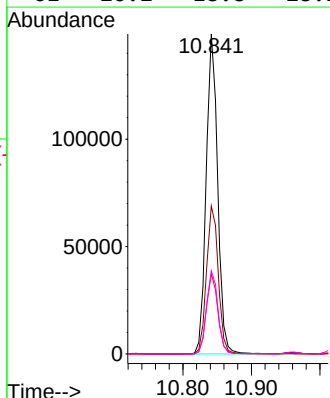
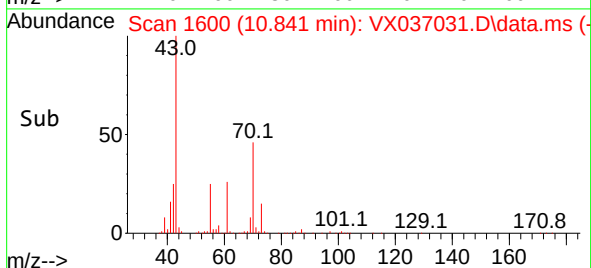
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023

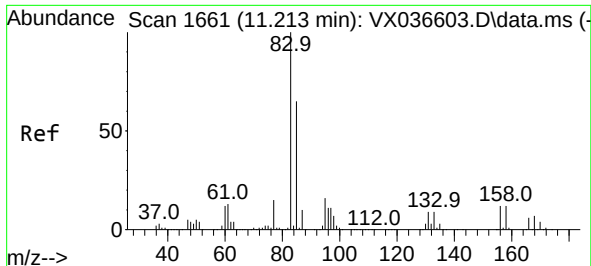


#74  
N-ethyl acetate  
Concen: 44.479 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00



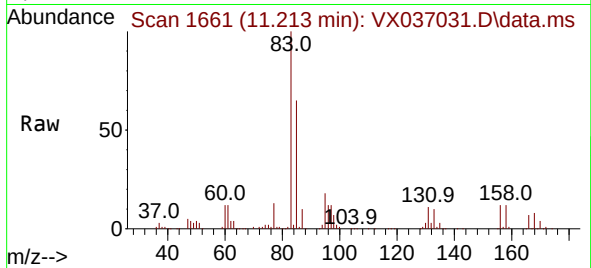
Tgt Ion: 43 Resp: 173698  
Ion Ratio Lower Upper  
43 100  
70 47.8 32.9 49.3  
55 25.2 19.3 28.9  
61 26.2 18.8 28.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.449 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

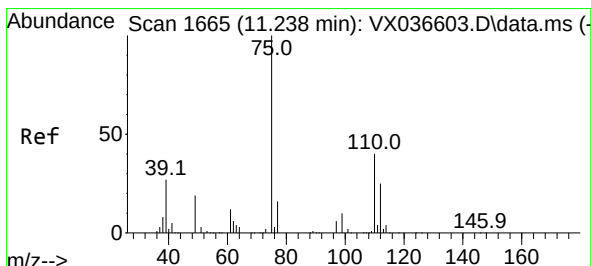
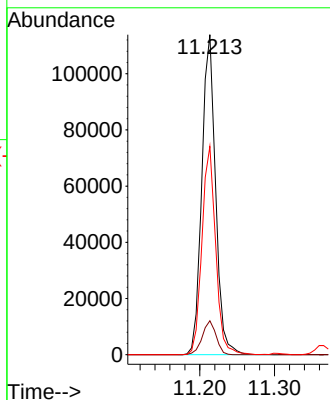
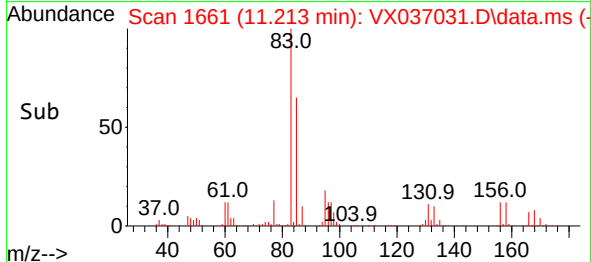
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



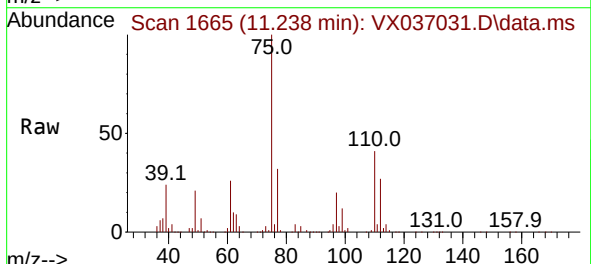
Tgt Ion: 83 Resp: 14552  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.3 15.8  
85 65.0 32.0 96.2

Manual Integrations  
APPROVED

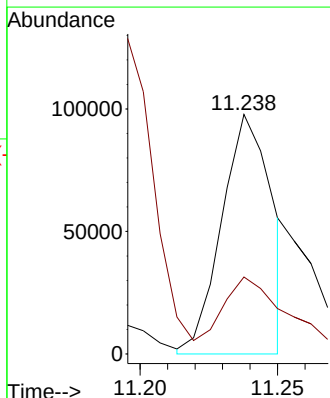
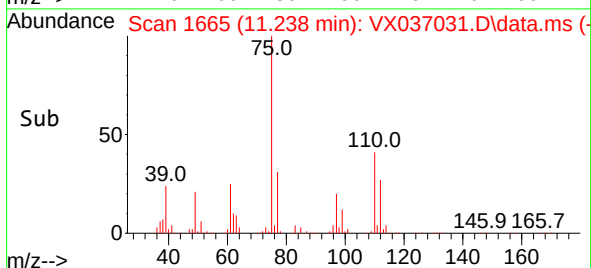
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023

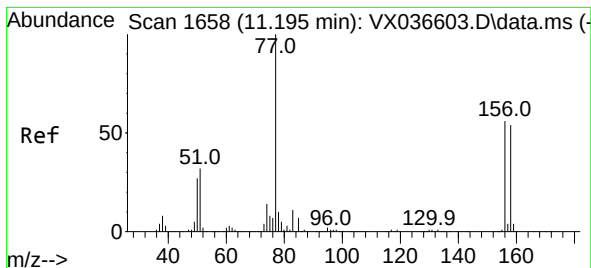


#76  
1,2,3-Trichloropropane  
Concen: 52.116 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00



Tgt Ion: 75 Resp: 124039  
Ion Ratio Lower Upper  
75 100  
77 42.7 19.1 57.5





#77

Bromobenzene

Concen: 54.302 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 103560

Ion Ratio Lower Upper

156 100

77 160.7 88.4 265.3

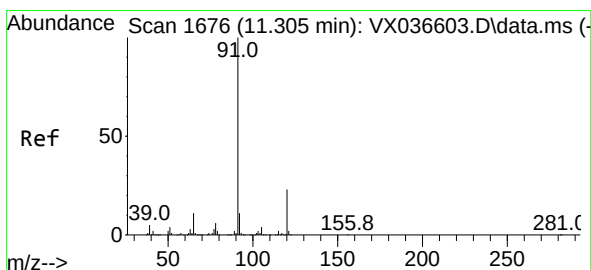
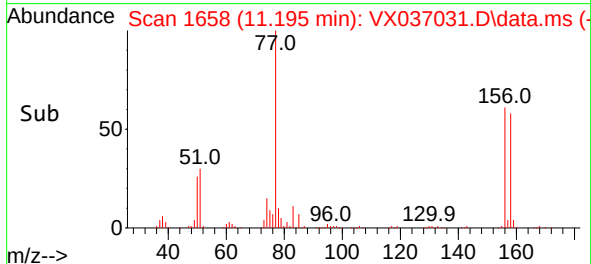
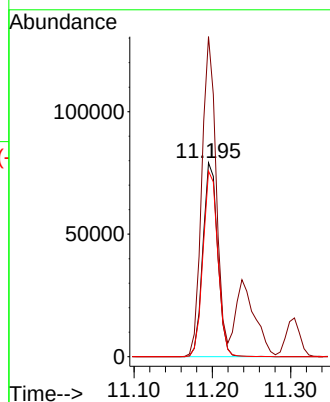
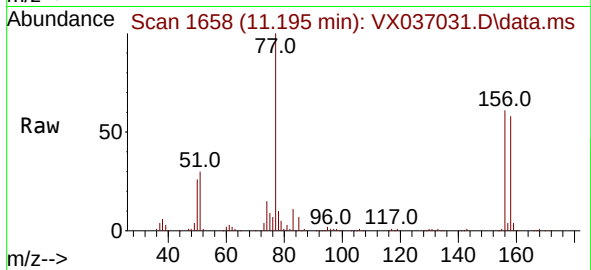
158 96.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#78

n-propylbenzene

Concen: 49.059 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037031.D

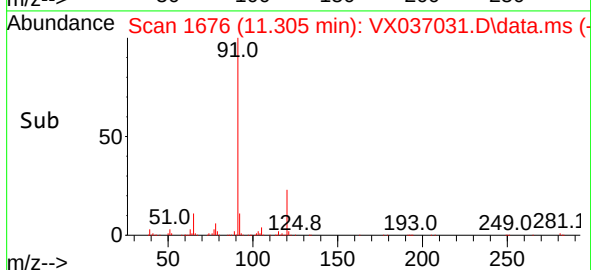
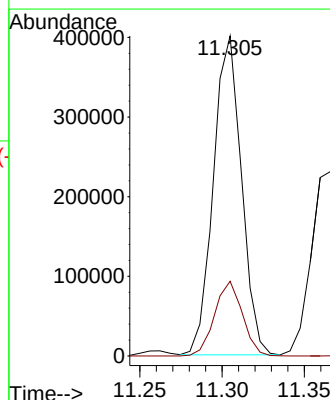
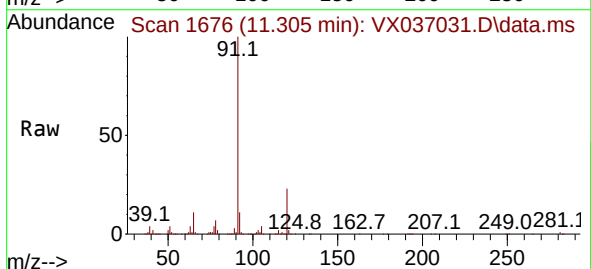
Acq: 16 Aug 2023 21:00

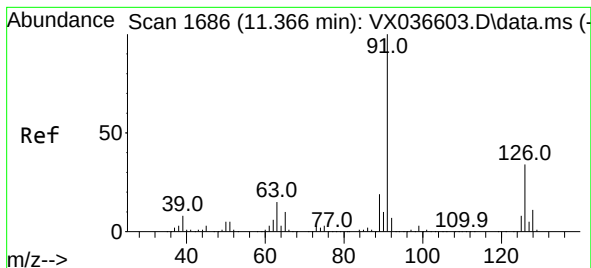
Tgt Ion: 91 Resp: 475138

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





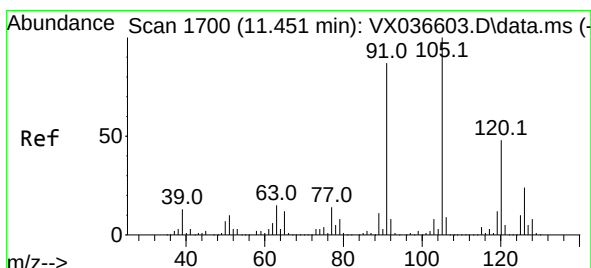
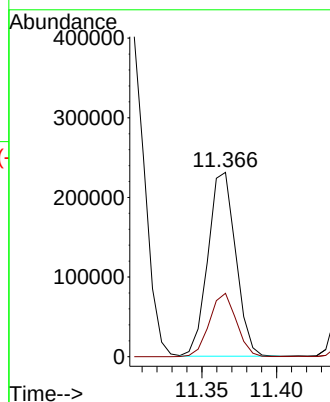
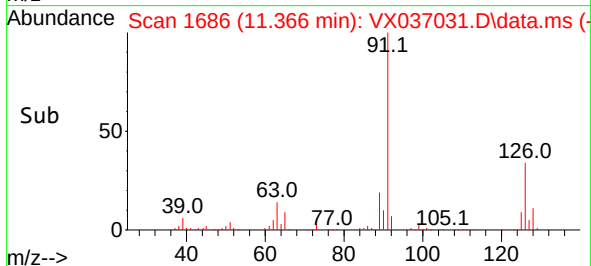
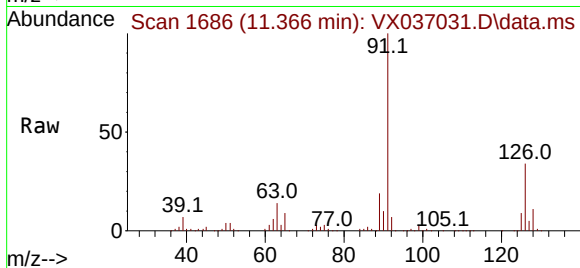
#79  
2-Chlorotoluene  
Concen: 50.825 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 298278  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.3 48.8

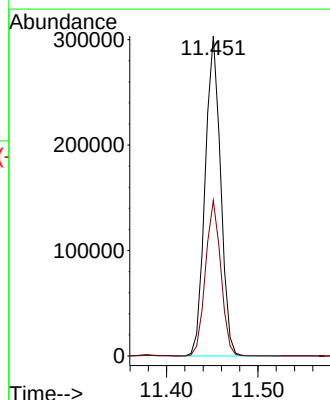
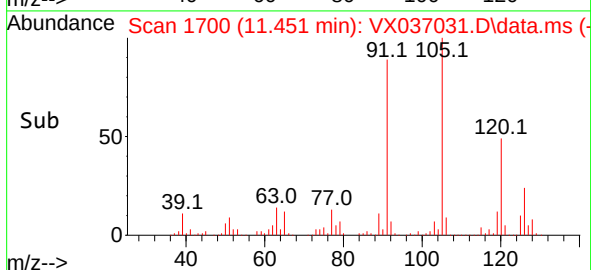
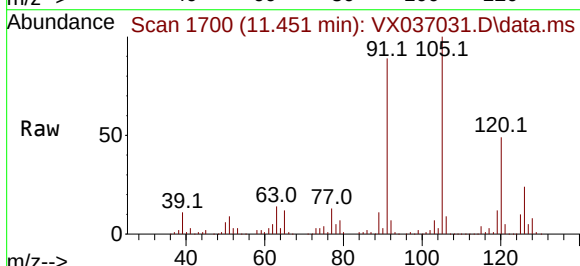
Manual Integrations  
APPROVED

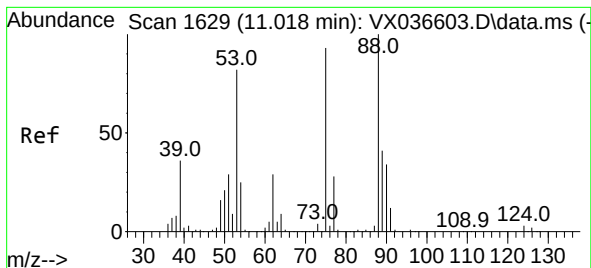
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 50.664 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

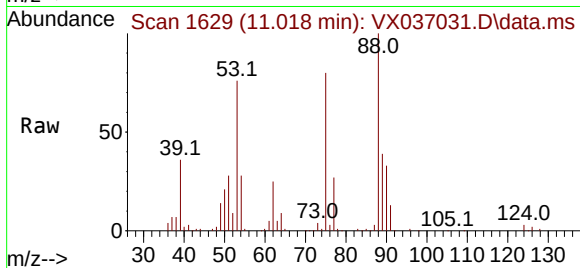
Tgt Ion:105 Resp: 354938  
Ion Ratio Lower Upper  
105 100  
120 48.4 24.1 72.3





#81  
trans-1,4-Dichloro-2-butene  
Concen: 40.451 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

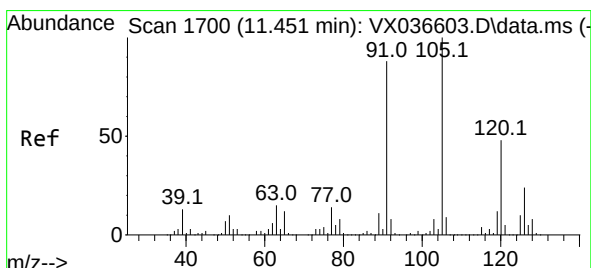
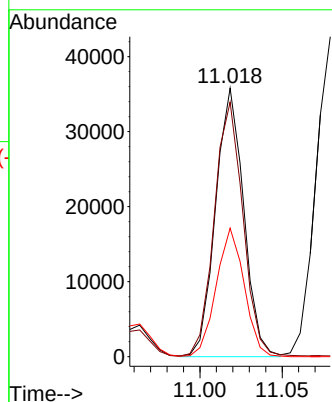
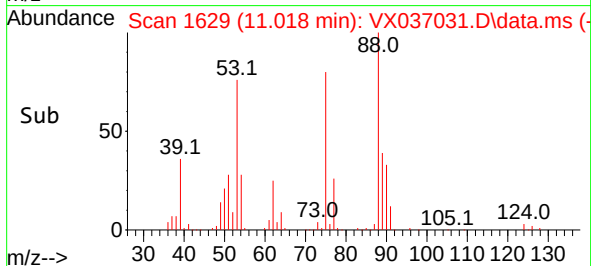
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



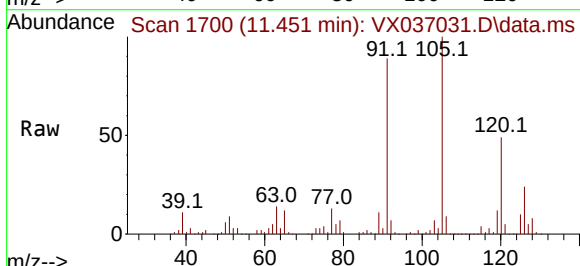
Tgt Ion: 75 Resp: 4247  
Ion Ratio Lower Upper  
75 100  
53 97.4 90.5 135.7  
89 47.7 36.9 55.3

Manual Integrations  
APPROVED

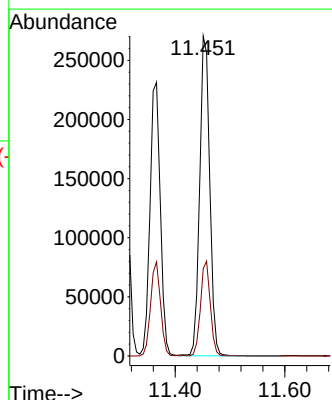
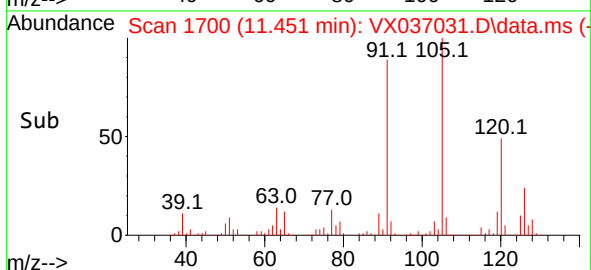
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023

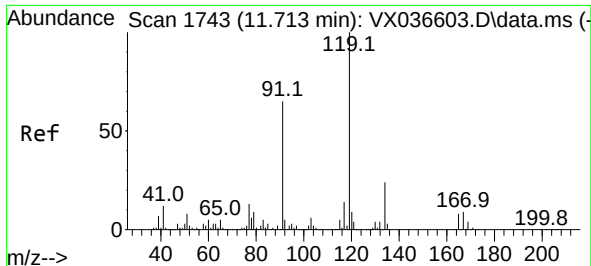


#82  
4-Chlorotoluene  
Concen: 51.767 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00



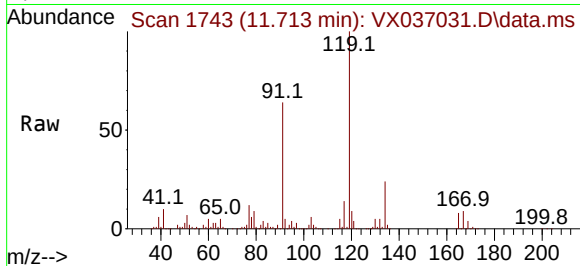
Tgt Ion: 91 Resp: 346158  
Ion Ratio Lower Upper  
91 100  
126 28.8 14.2 42.6





#83  
tert-Butylbenzene  
Concen: 50.058 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

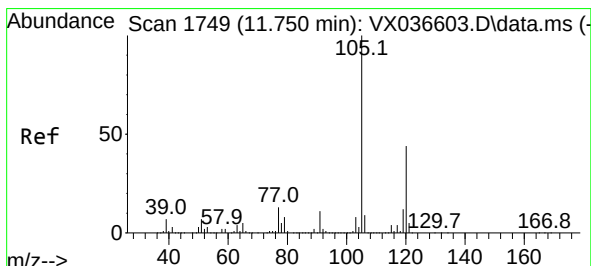
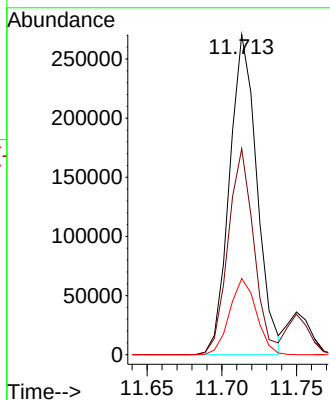
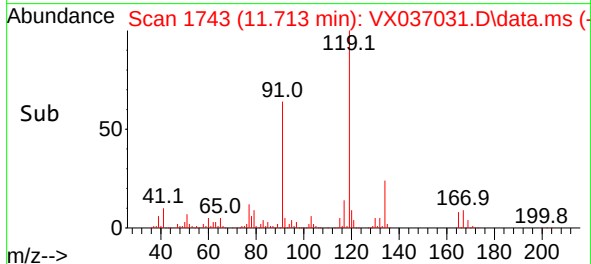
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



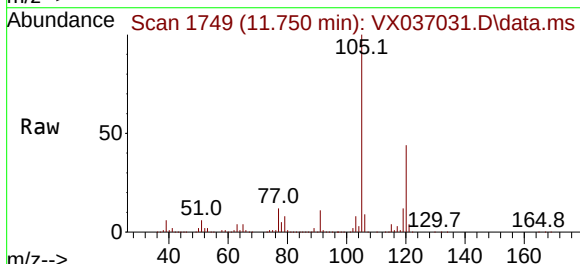
Tgt Ion:119 Resp: 344514  
Ion Ratio Lower Upper  
119 100  
91 60.6 31.2 93.6  
134 23.2 11.7 35.0

Manual Integrations  
APPROVED

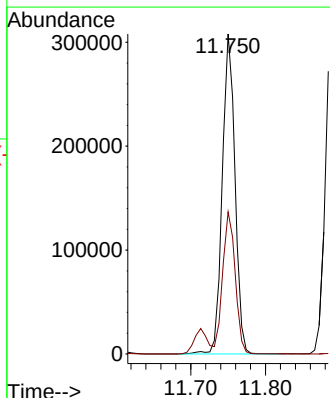
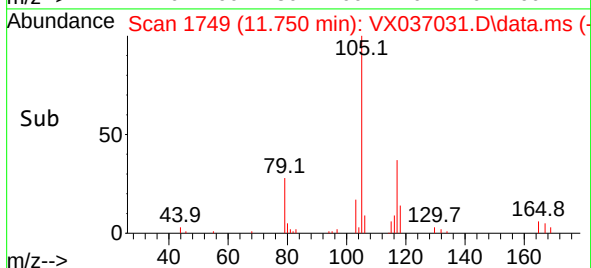
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023

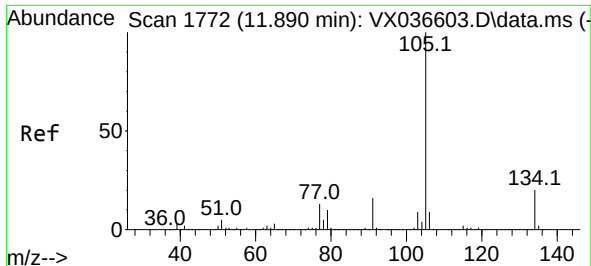


#84  
1,2,4-Trimethylbenzene  
Concen: 51.828 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00



Tgt Ion:105 Resp: 363124  
Ion Ratio Lower Upper  
105 100  
120 43.7 21.2 63.6





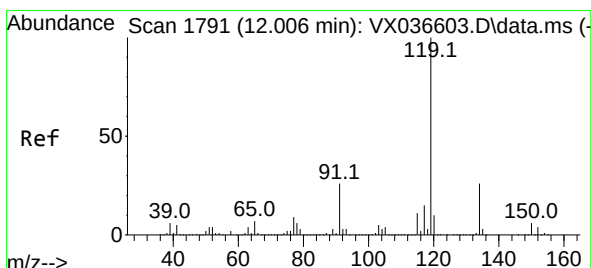
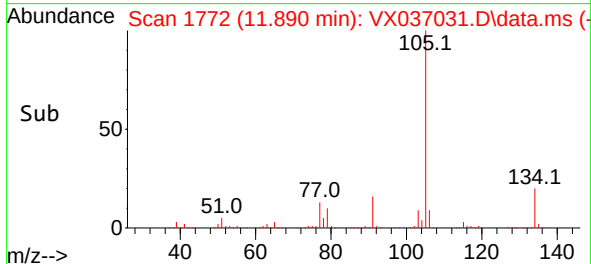
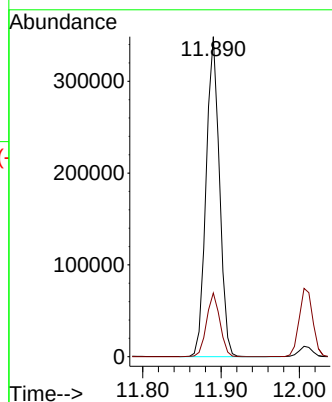
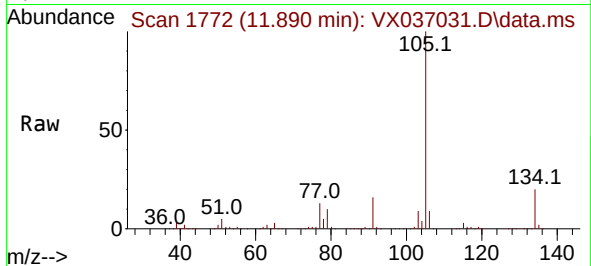
#85  
 sec-Butylbenzene  
 Concen: 48.023 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX037031.D  
 Acq: 16 Aug 2023 21:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:105 Resp: 412184  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.8 29.4

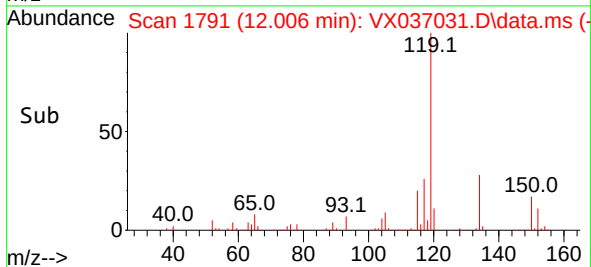
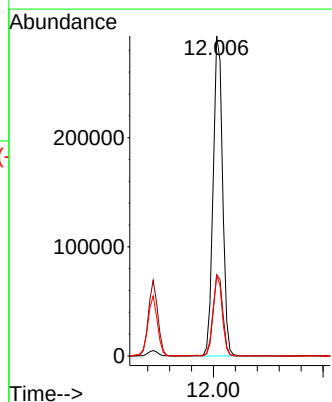
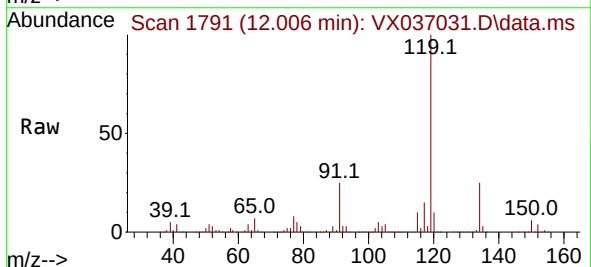
Manual Integrations  
 APPROVED

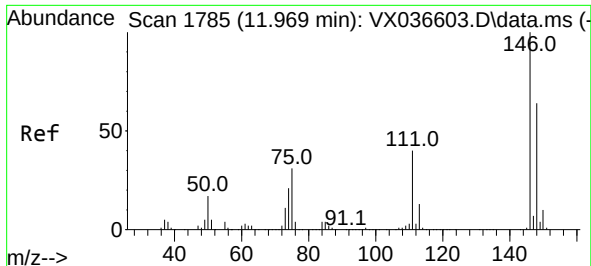
Reviewed By :John Carlone 08/17/2023  
 Supervised By :Mahesh Dadoda 08/17/2023



#86  
 p-Isopropyltoluene  
 Concen: 49.354 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX037031.D  
 Acq: 16 Aug 2023 21:00

Tgt Ion:119 Resp: 348560  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 12.8 38.3  
 91 24.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 54.392 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037031.D

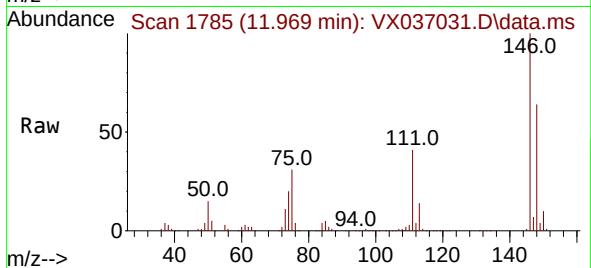
Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 192125

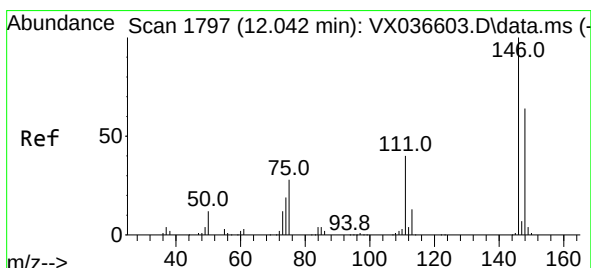
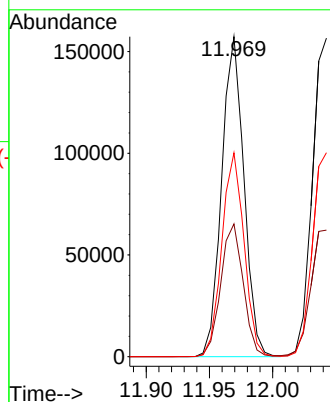
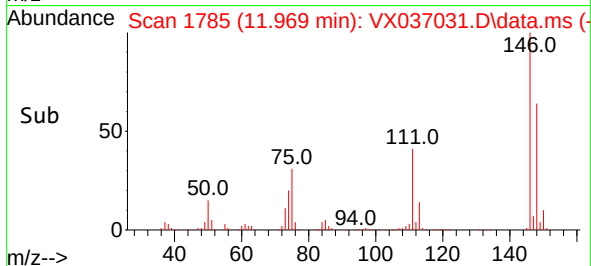
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 41.9  | 22.1  | 66.1  |
| 148 | 63.6  | 31.8  | 95.3  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#88

1,4-Dichlorobenzene

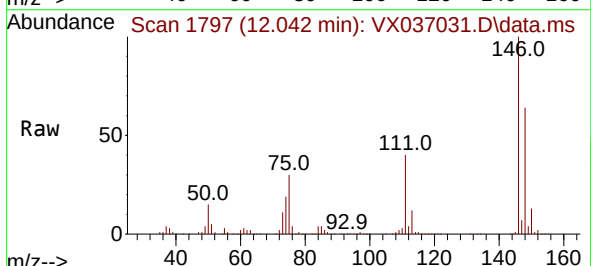
Concen: 55.104 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

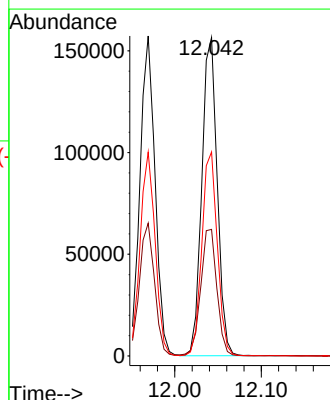
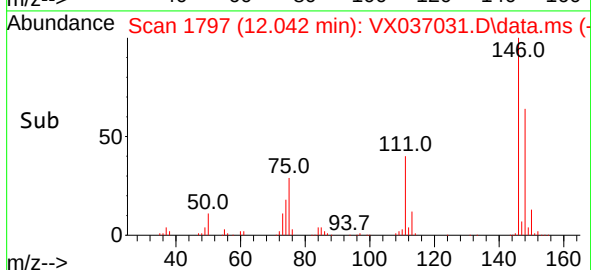
Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

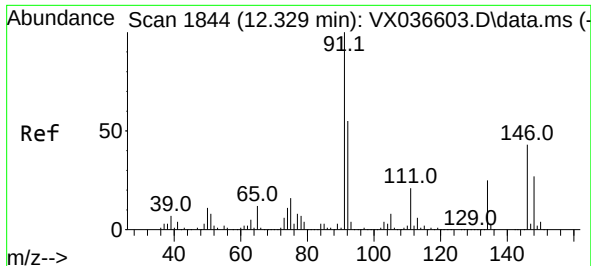


Tgt Ion:146 Resp: 193160

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 41.8  | 21.3  | 63.7  |
| 148 | 64.8  | 31.8  | 95.4  |

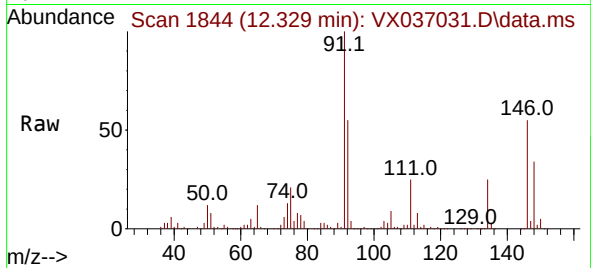






#89  
n-Butylbenzene  
Concen: 45.386 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

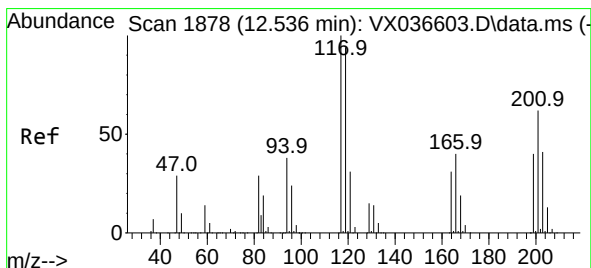
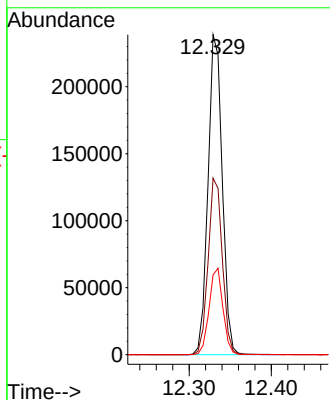
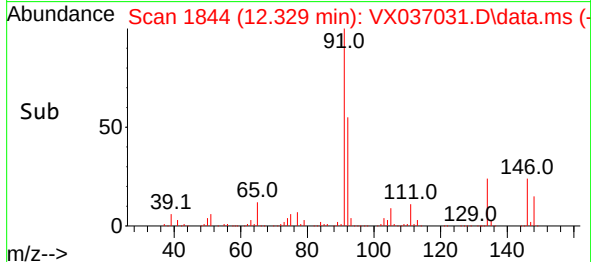
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 91 Resp: 286930  
Ion Ratio Lower Upper  
91 100  
92 55.0 27.4 82.0  
134 26.3 12.6 37.8

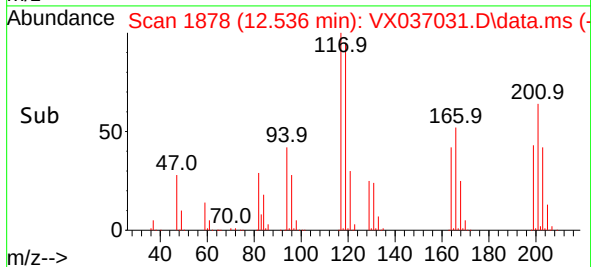
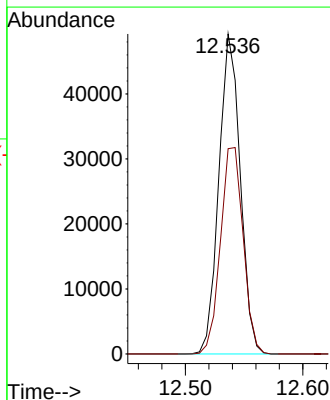
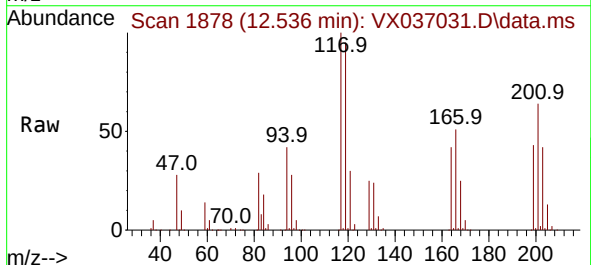
Manual Integrations  
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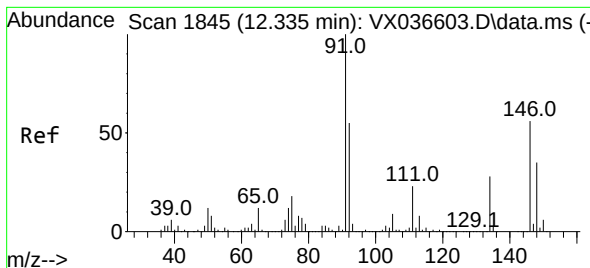
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#90  
Hexachloroethane  
Concen: 43.475 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

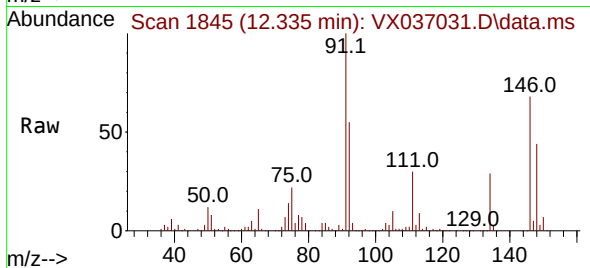
Tgt Ion:117 Resp: 62246  
Ion Ratio Lower Upper  
117 100  
201 68.6 32.9 98.6





#91  
1,2-Dichlorobenzene  
Concen: 56.449 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

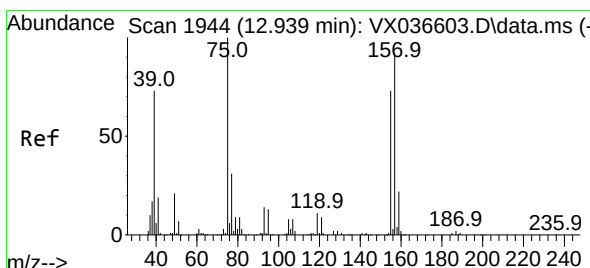
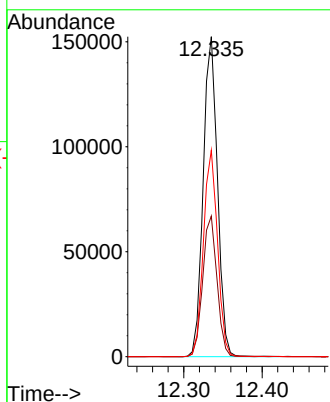
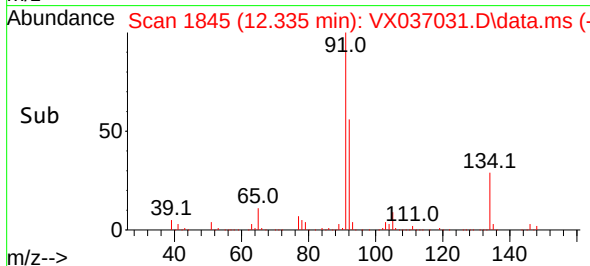
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



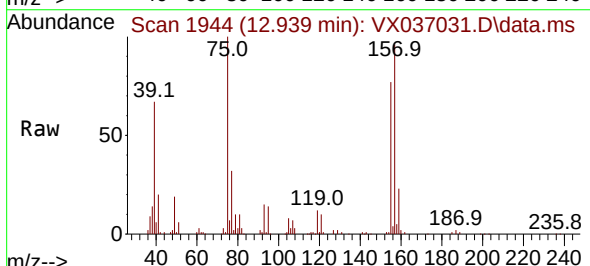
Tgt Ion:146 Resp: 19241  
Ion Ratio Lower Upper  
146 100  
111 44.0 22.4 67.0  
148 63.8 31.6 95.0

Manual Integrations  
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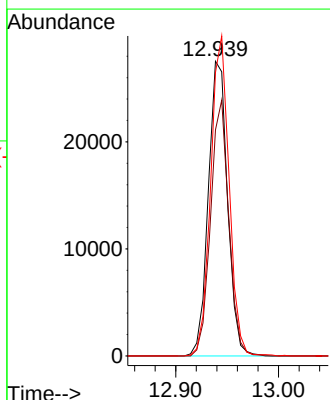
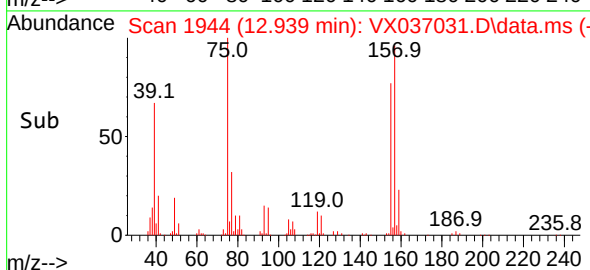
Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023

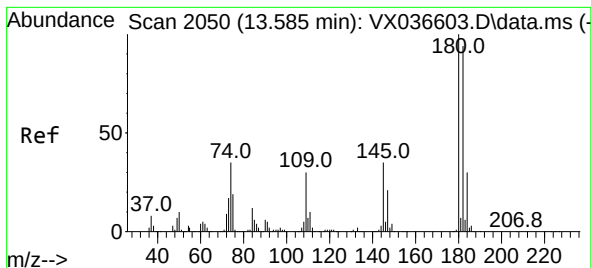


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 54.549 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00



Tgt Ion: 75 Resp: 35853  
Ion Ratio Lower Upper  
75 100  
155 82.1 36.1 108.5  
157 104.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.912 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

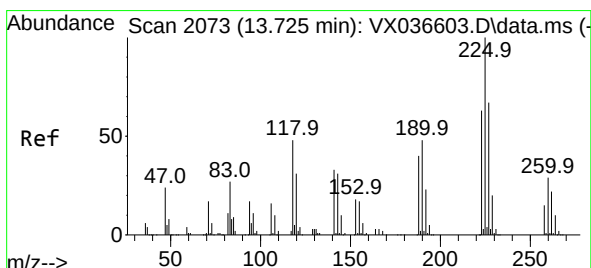
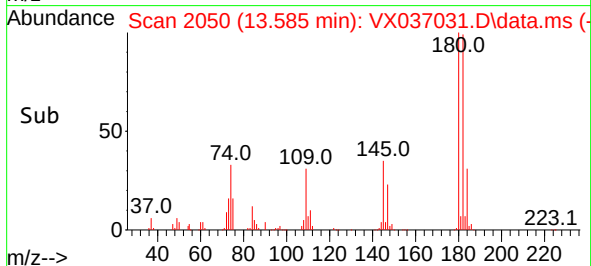
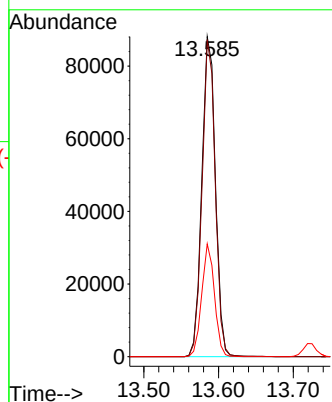
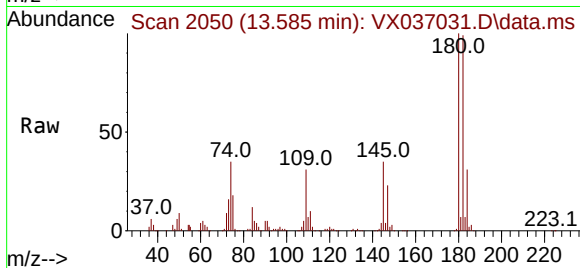
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 11111      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 96.0  | 48.3 144.8 |
| 145         | 33.1  | 18.0 54.0  |

Manual Integrations

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Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#94

Hexachlorobutadiene

Concen: 51.054 ug/l

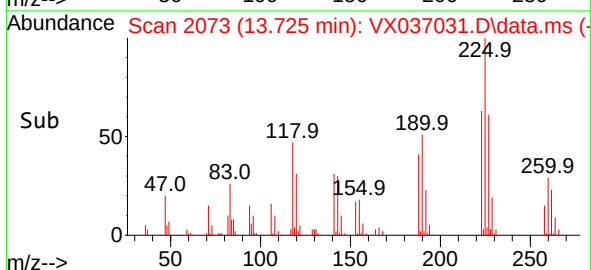
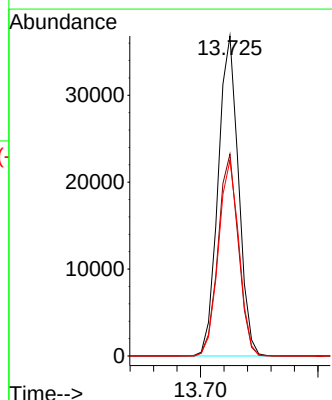
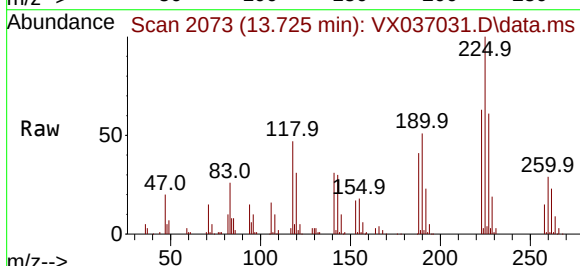
RT: 13.725 min Scan# 2073

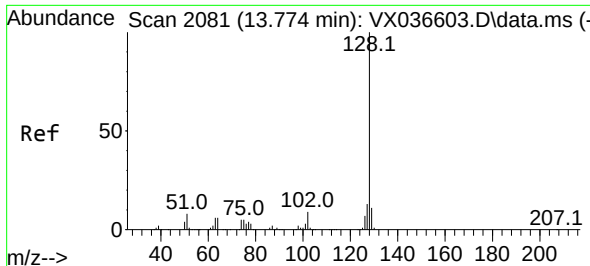
Delta R.T. 0.000 min

Lab File: VX037031.D

Acq: 16 Aug 2023 21:00

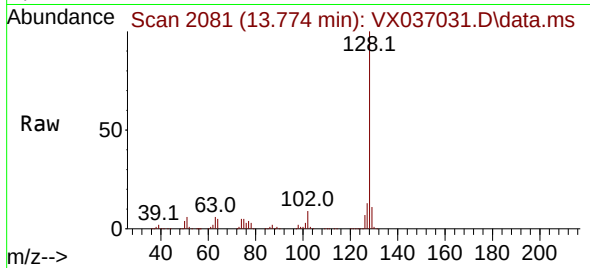
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 44355     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.7  | 31.1 93.2 |
| 227         | 61.5  | 32.5 97.5 |





#95  
Naphthalene  
Concen: 58.805 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00

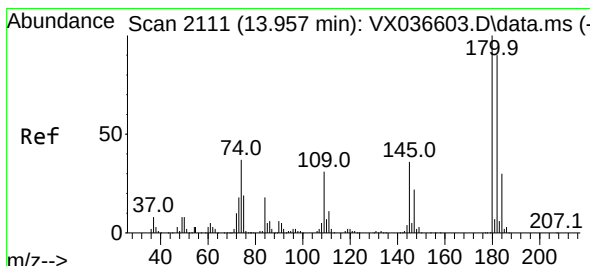
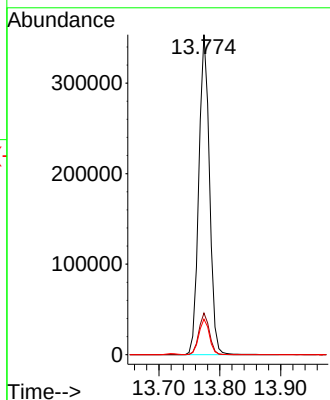
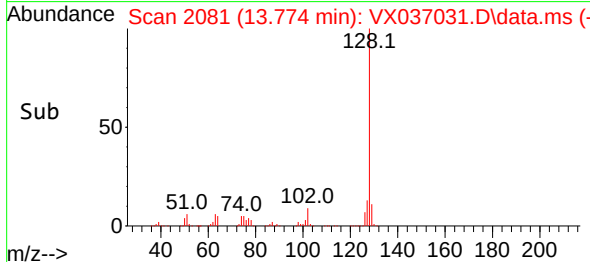
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



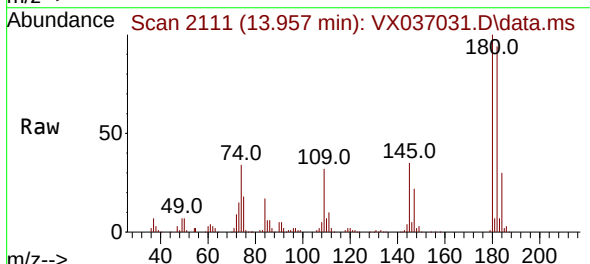
Tgt Ion:128 Resp: 430330  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.3 15.5  
129 10.9 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :John Carlone 08/17/2023  
Supervised By :Mahesh Dadoda 08/17/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 54.555 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: VX037031.D  
Acq: 16 Aug 2023 21:00



Tgt Ion:180 Resp: 112917  
Ion Ratio Lower Upper  
180 100  
182 95.9 46.9 140.6  
145 35.6 17.8 53.5

