

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091622\  
 Data File : VU050727.D  
 Acq On : 16 Sep 2022 16:50  
 Operator : JC/MD  
 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010EC

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 09/19/2022  
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 17 01:08:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U081922DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Aug 25 14:01:59 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units    | Dev(Min) |
|------------------------------|--------|------|----------|---------|----------|----------|
| -----                        |        |      |          |         |          |          |
| Internal Standards           |        |      |          |         |          |          |
| 1) Fluorobenzene             | 6.115  | 96   | 35207    | 1.000   | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |         |          |          |
| 57) 4-Bromofluorobenzene     | 10.632 | 95   | 22350    | 1.864   | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 186.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.192 | 152  | 13624    | 0.961   | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 96.000%  |          |
| Target Compounds             |        |      |          |         |          |          |
|                              |        |      |          |         | Qvalue   |          |
| 2) Dichlorodifluoromethane   | 1.385  | 85   | 149011   | 10.219  | ug/l     | 100      |
| 3) Chloromethane             | 1.520  | 50   | 139488   | 7.865   | ug/l     | 98       |
| 4) Vinyl Chloride            | 1.604  | 62   | 136506   | 9.006   | ug/l     | 100      |
| 5) Bromomethane              | 1.851  | 94   | 68002    | 10.965  | ug/l     | 96       |
| 6) Chloroethane              | 1.932  | 64   | 77649    | 8.471   | ug/l     | 99       |
| 7) Trichlorofluoromethane    | 2.137  | 101  | 165354   | 8.743   | ug/l     | 99       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.581  | 101  | 95186    | 8.999   | ug/l     | 94       |
| 9) 1,1-Dichloroethene        | 2.581  | 96   | 85353    | 8.232   | ug/l     | 95       |
| 10) Iodomethane              | 2.719  | 142  | 94803    | 11.088  | ug/l     | 99       |
| 11) Allyl Chloride           | 2.922  | 41   | 142945   | 8.944   | ug/l     | 93       |
| 12) Acrylonitrile            | 3.314  | 53   | 74500    | 23.956  | ug/l     | 97       |
| 13) Acetone                  | 2.623  | 43   | 130452   | 59.977  | ug/l     | 95       |
| 14) Carbon Disulfide         | 2.790  | 76   | 236731   | 7.370   | ug/l     | 99       |
| 15) Methylene Chloride       | 3.044  | 84   | 129506   | 9.231   | ug/l     | 95       |
| 16) trans-1,2-Dichloroethene | 3.349  | 96   | 90985    | 8.491   | ug/l     | 98       |
| 17) 1,1-Dichloroethane       | 3.867  | 63   | 207726   | 9.307   | ug/l     | 100      |
| 18) 2-Butanone               | 4.710  | 43   | 230116   | 67.267  | ug/l     | 99       |
| 19) Cyclohexane              | 5.388  | 56   | 150928m  | 9.318   | ug/l     |          |
| 20) Methylcyclohexane        | 6.761  | 83   | 145493   | 11.395  | ug/l     | 96       |
| 21) 2,2-Dichloropropane      | 4.665  | 77   | 151108   | 8.907   | ug/l     | 97       |
| 22) cis-1,2-Dichloroethene   | 4.668  | 96   | 114725   | 9.463   | ug/l     | 99       |
| 23) Diethyl Ether            | 2.378  | 59   | 87065    | 9.775   | ug/l     | 99       |
| 24) tert-Butyl Alcohol       | 3.186  | 59   | 134226   | 119.066 | ug/l     | 98       |
| 25) Methyl tert-Butyl Ether  | 3.369  | 73   | 281428   | 10.217  | ug/l     | 97       |
| 26) Bromochloromethane       | 4.973  | 128  | 57078    | 11.733  | ug/l     | 98       |
| 27) Chloroform               | 5.089  | 83   | 209537   | 9.687   | ug/l     | 95       |
| 28) 1,1,1-Trichloroethane    | 5.314  | 97   | 171042   | 9.267   | ug/l     | 98       |
| 29) 1,1-Dichloropropene      | 5.523  | 75   | 142249   | 9.621   | ug/l     | 100      |
| 30) Carbon Tetrachloride     | 5.523  | 117  | 142049   | 9.614   | ug/l     | 95       |
| 31) Isopropyl Ether          | 3.999  | 45   | 279514   | 8.071   | ug/l     | 88       |
| 32) Ethyl-t-butyl ether      | 4.510  | 59   | 258146   | 9.488   | ug/l     | 100      |
| 33) Tert-Amyl methyl ether   | 5.944  | 73   | 250114   | 14.102  | ug/l     | 98       |
| 34) Propionitrile            | 4.777  | 54   | 74366    | 73.595  | ug/l     | 97       |
| 35) Benzene                  | 5.774  | 78   | 452286   | 10.407  | ug/l     | 98       |
| 36) 1,2-Dichloroethane       | 5.796  | 62   | 145975   | 11.001  | ug/l     | 99       |
| 37) Trichloroethene          | 6.542  | 130  | 99185    | 9.520   | ug/l     | 95       |
| 38) 1,2-Dichloropropane      | 6.793  | 63   | 129972   | 11.141  | ug/l     | 100      |
| 39) Methacrylonitrile        | 4.976  | 41   | 46862    | 11.302  | ug/l     | 91       |
| 40) Methyl acrylate          | 4.848  | 55   | 77354    | 12.248  | ug/l     | 99       |
| 41) Tetrahydrofuran          | 5.060  | 42   | 54391    | 26.199  | ug/l     | 99       |
| 42) 1-Chlorobutane           | 5.459  | 56   | 205435   | 9.758   | ug/l     | 96       |
| 43) Dibromomethane           | 6.918  | 93   | 71573    | 11.382  | ug/l     | 96       |
| 44) Bromodichloromethane     | 7.105  | 83   | 158267   | 10.666  | ug/l     | 96       |

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 Operator : JC/MD  
 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010EC

Manual Integrations  
 APPROVED

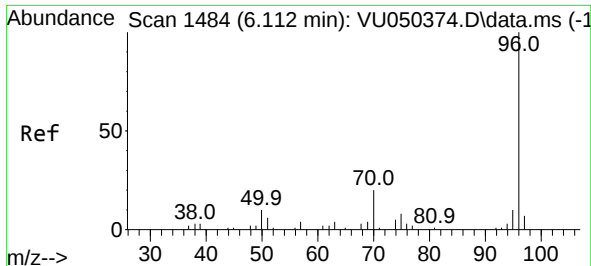
Reviewed By :Krupa Patel 09/19/2022  
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 17 01:08:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U081922DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Aug 25 14:01:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.793  | 43   | 498956   | 79.046 | ug/l  | 98       |
| 46) t-1,4-Dichloro-2-butene   | 10.832 | 75   | 71124m   | 18.897 | ug/l  |          |
| 47) Methyl methacrylate       | 6.963  | 69   | 146774   | 24.651 | ug/l  | 93       |
| 48) Ethyl methacrylate        | 8.336  | 69   | 119877   | 11.173 | ug/l  | 93       |
| 49) Toluene                   | 7.970  | 92   | 261796   | 11.212 | ug/l  | 95       |
| 50) t-1,3-Dichloropropene     | 8.211  | 75   | 142216   | 12.308 | ug/l  | 100      |
| 51) cis-1,3-Dichloropropene   | 7.610  | 75   | 150858   | 11.405 | ug/l  | 96       |
| 52) 1,1,2-Trichloroethane     | 8.401  | 97   | 106165   | 11.487 | ug/l  | 98       |
| 53) 1,3-Dichloropropane       | 8.578  | 76   | 174459   | 11.986 | ug/l  | 99       |
| 54) 2-Hexanone                | 8.687  | 43   | 349747   | 79.562 | ug/l  | 100      |
| 55) Dibromochloromethane      | 8.809  | 129  | 109707   | 10.791 | ug/l  | 100      |
| 56) 1,2-Dibromoethane         | 8.925  | 107  | 97682    | 11.768 | ug/l  | 100      |
| 58) Tetrachloroethene         | 8.552  | 164  | 89476    | 9.126  | ug/l  | 99       |
| 59) Chlorobenzene             | 9.446  | 112  | 267778   | 10.627 | ug/l  | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 106112   | 10.019 | ug/l  | 98       |
| 61) Pentachloroethane         | 11.426 | 117  | 91922    | 10.429 | ug/l  | 93       |
| 62) Hexachloroethane          | 12.475 | 117  | 77852    | 10.619 | ug/l  | 96       |
| 63) Ethyl Benzene             | 9.571  | 91   | 448256   | 8.861  | ug/l  | 100      |
| 64) m/p-Xylenes               | 9.693  | 106  | 373198   | 18.524 | ug/l  | 98       |
| 65) o-Xylene                  | 10.102 | 106  | 169757   | 9.059  | ug/l  | 98       |
| 66) Styrene                   | 10.115 | 104  | 303583   | 9.097  | ug/l  | 98       |
| 67) Bromoform                 | 10.291 | 173  | 68148    | 11.803 | ug/l  | 99       |
| 69) Isopropylbenzene          | 10.484 | 105  | 439443   | 8.889  | ug/l  | 98       |
| 70) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 159090   | 12.508 | ug/l  | 99       |
| 71) 1,2,3-Trichloropropane    | 10.825 | 75   | 114227m  | 11.942 | ug/l  |          |
| 72) Bromobenzene              | 10.783 | 156  | 112846   | 10.373 | ug/l  | 96       |
| 73) n-propylbenzene           | 10.905 | 120  | 119439   | 8.671  | ug/l  | 97       |
| 74) 2-Chlorotoluene           | 10.986 | 126  | 115253   | 9.184  | ug/l  | 100      |
| 75) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 399536   | 9.023  | ug/l  | 99       |
| 76) 4-Chlorotoluene           | 11.098 | 126  | 119962   | 9.166  | ug/l  | 95       |
| 77) tert-Butylbenzene         | 11.420 | 119  | 366542   | 8.802  | ug/l  | 99       |
| 78) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 405254   | 8.772  | ug/l  | 98       |
| 79) sec-Butylbenzene          | 11.645 | 105  | 478896   | 8.433  | ug/l  | 98       |
| 80) Nitrobenzene              | 13.208 | 77   | 37636    | 54.544 | ug/l  | 95       |
| 81) p-Isopropyltoluene        | 11.793 | 119  | 366195   | 7.941  | ug/l  | 99       |
| 82) 1,3-Dichlorobenzene       | 11.745 | 146  | 229767   | 10.257 | ug/l  | 100      |
| 83) 1,4-Dichlorobenzene       | 11.835 | 146  | 229659   | 10.313 | ug/l  | 98       |
| 84) n-Butylbenzene            | 12.208 | 91   | 324871   | 7.714  | ug/l  | 96       |
| 85) 1,2-Dichlorobenzene       | 12.211 | 146  | 228214   | 10.364 | ug/l  | 98       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.995 | 75   | 24186    | 12.050 | ug/l  | 96       |
| 87) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 119334   | 9.498  | ug/l  | 99       |
| 88) Hexachlorobutadiene       | 14.021 | 225  | 68767    | 8.410  | ug/l  | 98       |
| 89) Naphthalene               | 14.089 | 128  | 256921   | 7.778  | ug/l  | 99       |
| 90) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 130905   | 8.160  | ug/l  | 99       |

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





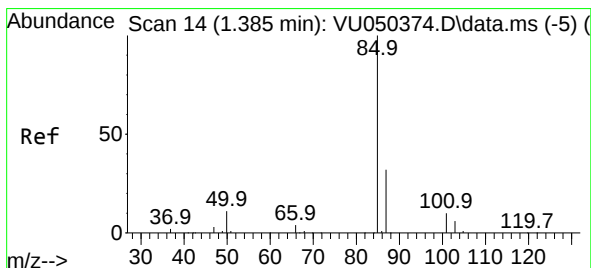
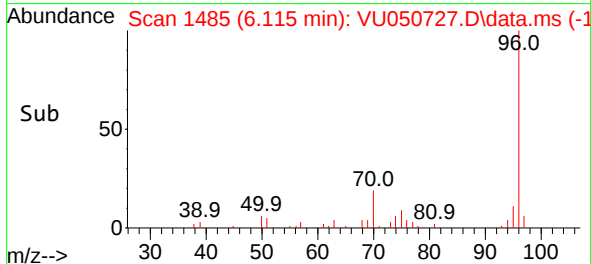
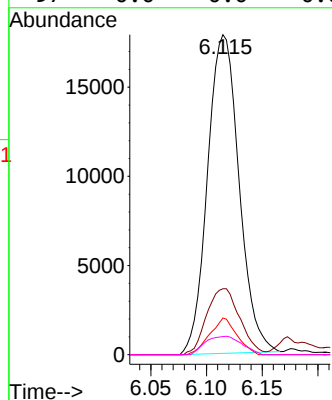
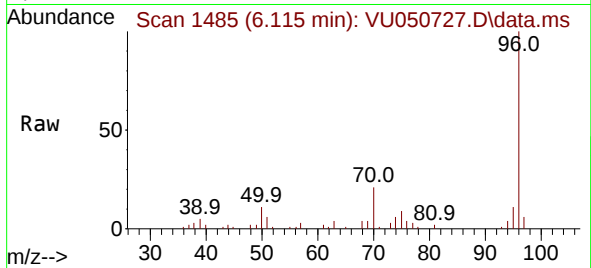
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Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.115 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 3520  |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 70 20.8     | 16.7 25.1   |
| 95 9.9      | 7.4 11.0    |
| 97 0.0      | 0.0 0.0     |

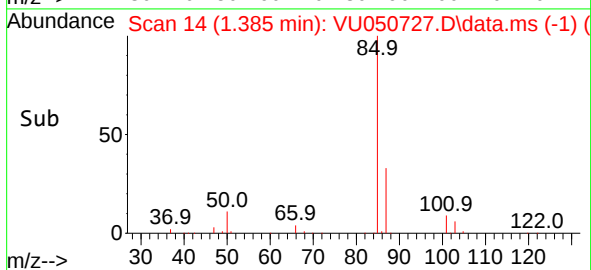
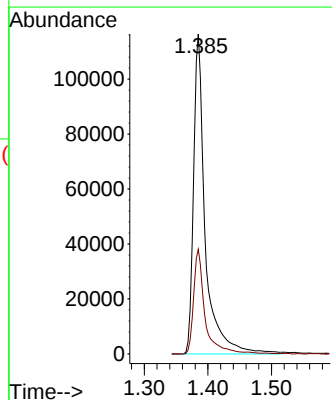
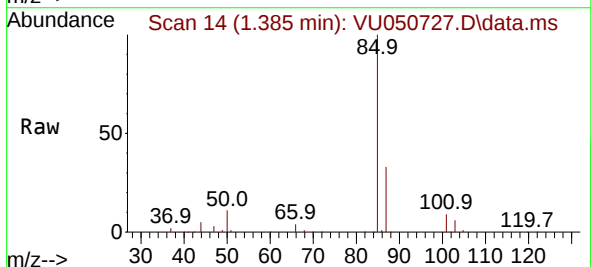
Manual Integrations  
APPROVED

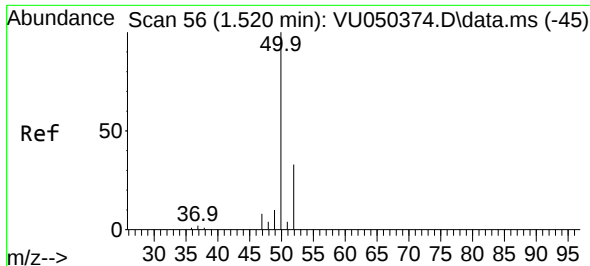
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#2  
Dichlorodifluoromethane  
Concen: 10.219 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

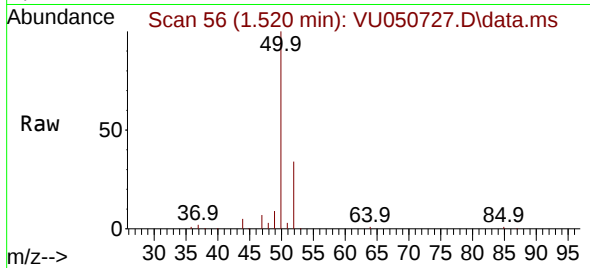
|             |              |
|-------------|--------------|
| Tgt Ion: 85 | Resp: 149011 |
| Ion Ratio   | Lower Upper  |
| 85 100      |              |
| 87 32.7     | 16.3 48.8    |





#3  
Chloromethane  
Concen: 7.865 ug/l  
RT: 1.520 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

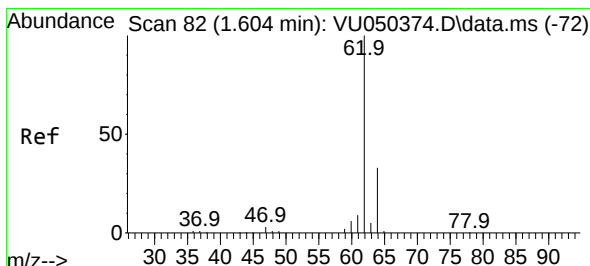
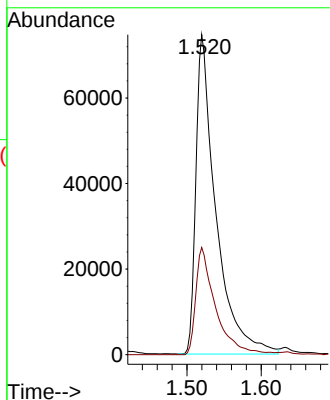
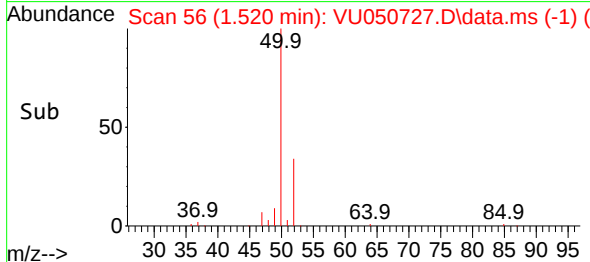
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



Tgt Ion: 50 Resp: 13948  
Ion Ratio Lower Upper  
50 100  
52 33.6 26.1 39.1

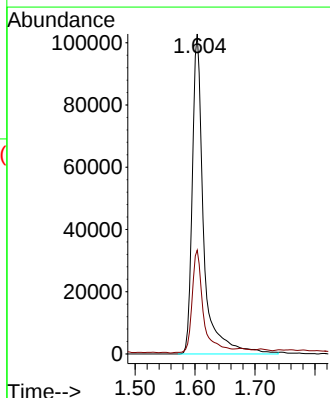
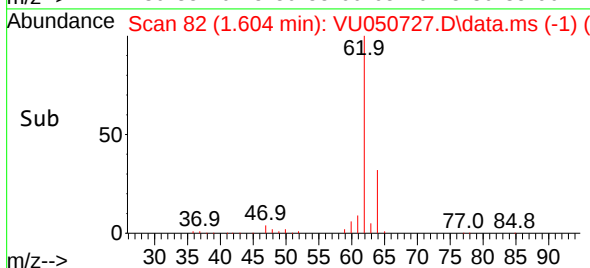
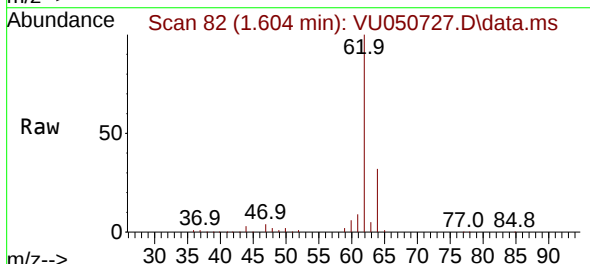
Manual Integrations  
APPROVED

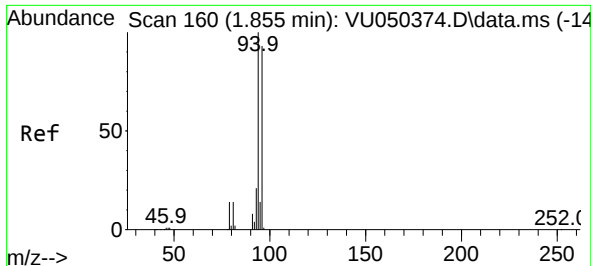
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#4  
Vinyl Chloride  
Concen: 9.006 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

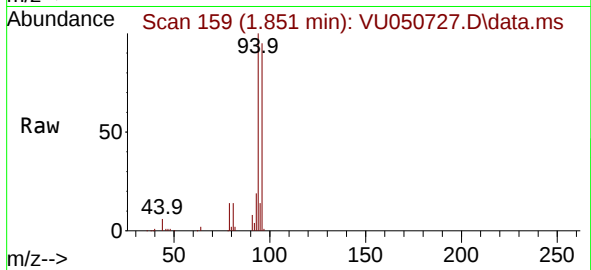
Tgt Ion: 62 Resp: 136506  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.5 38.3





#5  
Bromomethane  
Concen: 10.965 ug/l  
RT: 1.851 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

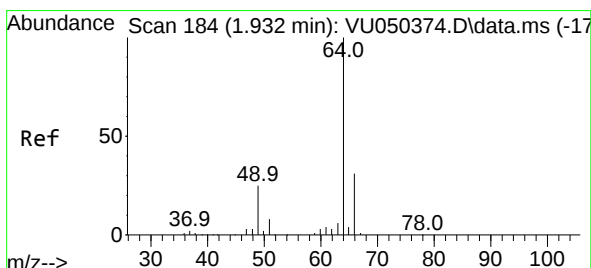
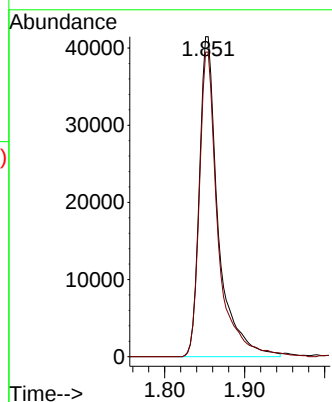
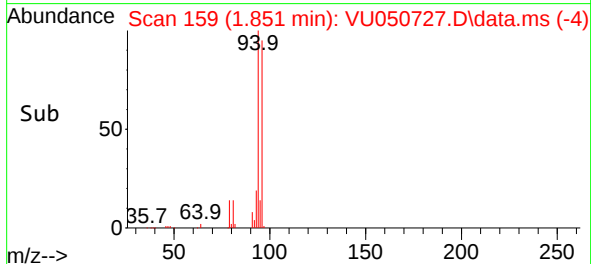
Instrument :  
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ClientSampleId :  
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Tgt Ion: 94 Resp: 6800  
Ion Ratio Lower Upper  
94 100  
96 95.1 73.0 109.6

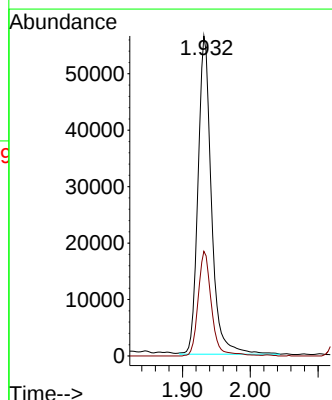
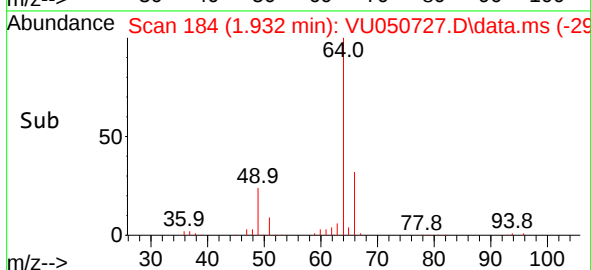
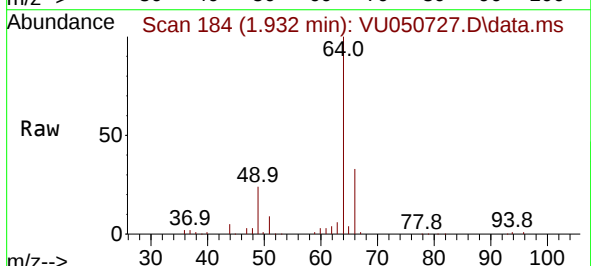
Manual Integrations  
APPROVED

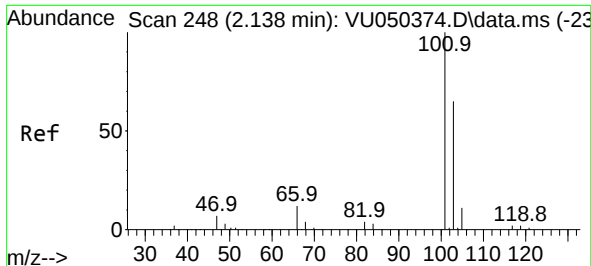
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#6  
Chloroethane  
Concen: 8.471 ug/l  
RT: 1.932 min Scan# 184  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

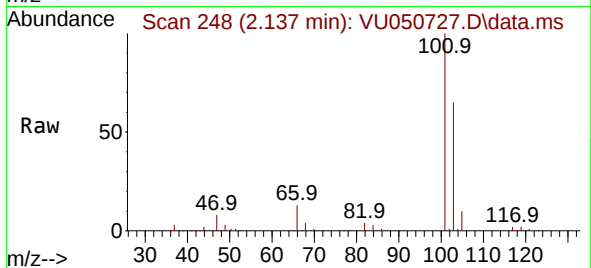
Tgt Ion: 64 Resp: 77649  
Ion Ratio Lower Upper  
64 100  
66 32.9 25.8 38.6





#7  
Trichlorofluoromethane  
Concen: 8.743 ug/l  
RT: 2.137 min Scan# 248  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

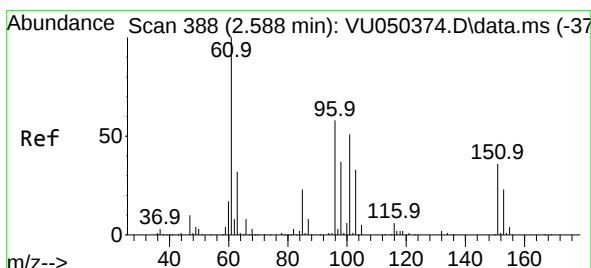
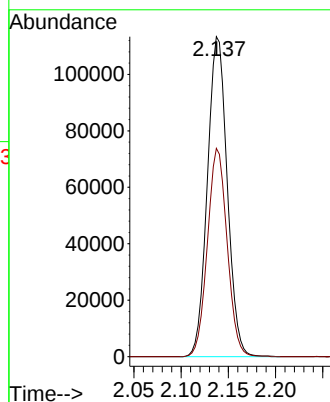
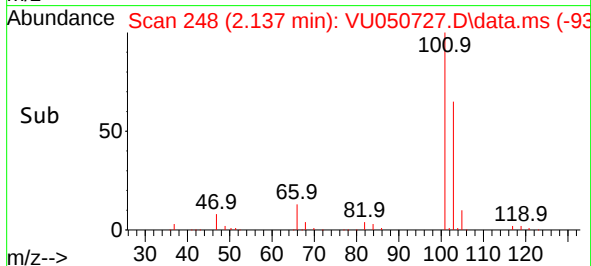
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



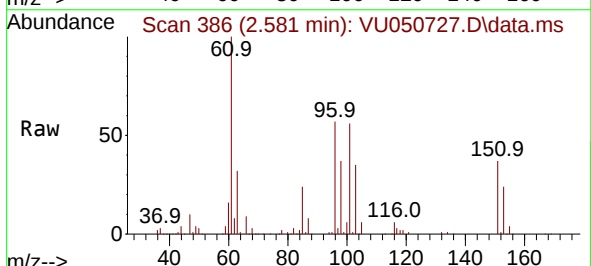
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Ion Ratio Lower Upper  
101 100  
103 65.1 51.8 77.6

Manual Integrations  
APPROVED

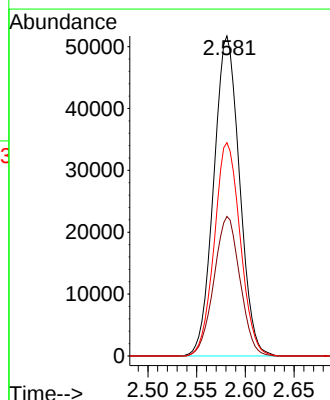
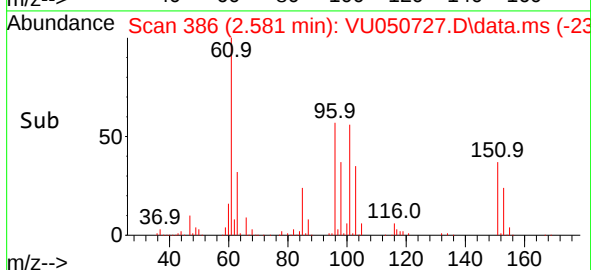
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022

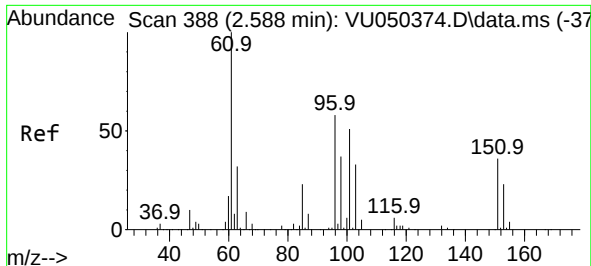


#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 8.999 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50



Tgt Ion:101 Resp: 95186  
Ion Ratio Lower Upper  
101 100  
85 44.1 36.4 54.6  
151 67.2 59.1 88.7





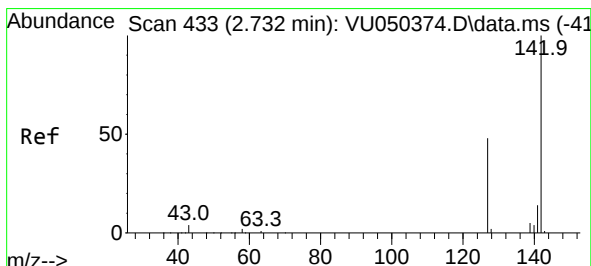
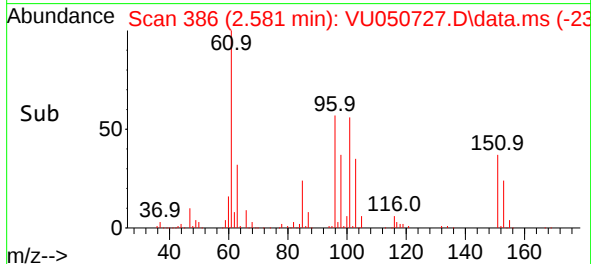
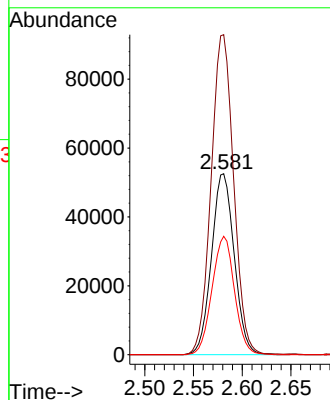
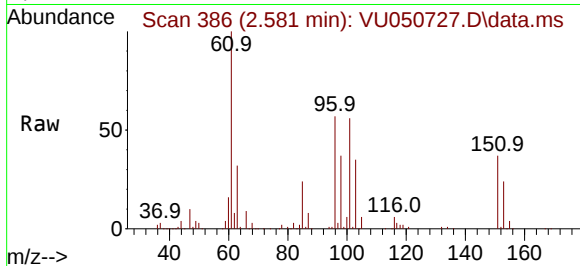
#9  
1,1-Dichloroethene  
Concen: 8.232 ug/l  
RT: 2.581 min Scan# 388  
Delta R.T. 0.003 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Instrument :  
MSVOA\_U  
Client Sample Id :  
VSTDCCC010EC

Tgt Ion: 96 Resp: 8535  
Ion Ratio Lower Upper  
96 100  
61 176.8 0.0 510.6  
98 65.4 0.0 124.6

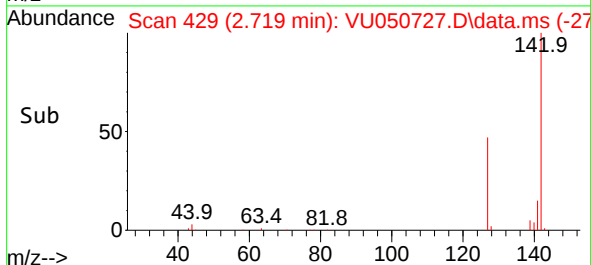
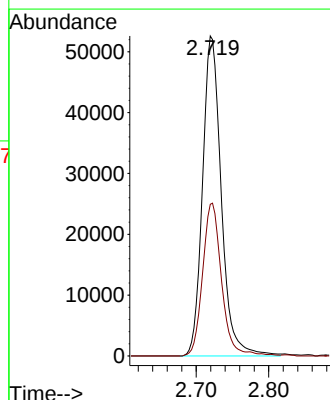
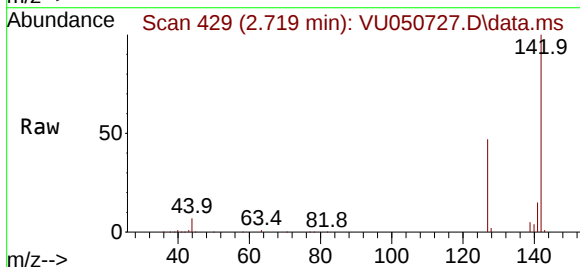
Manual Integrations  
APPROVED

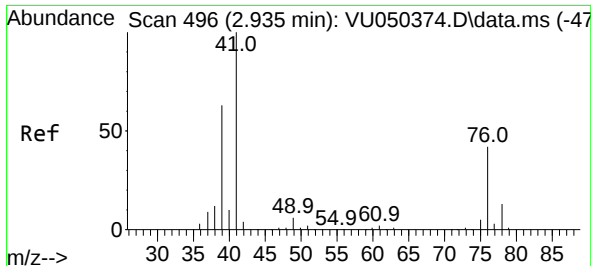
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#10  
Iodomethane  
Concen: 11.088 ug/l  
RT: 2.719 min Scan# 429  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Tgt Ion:142 Resp: 94803  
Ion Ratio Lower Upper  
142 100  
127 48.2 38.2 57.2





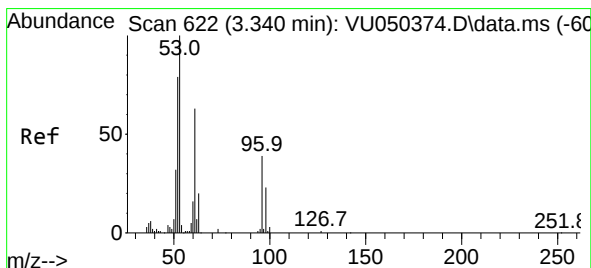
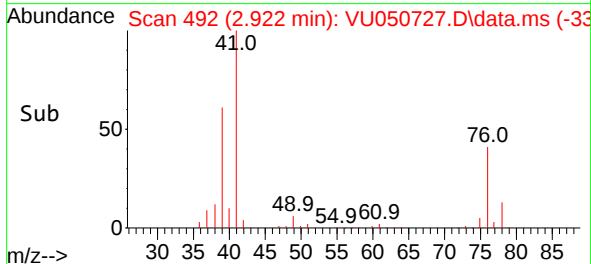
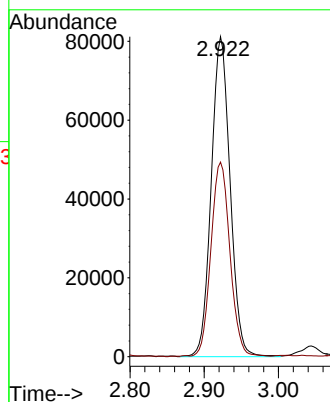
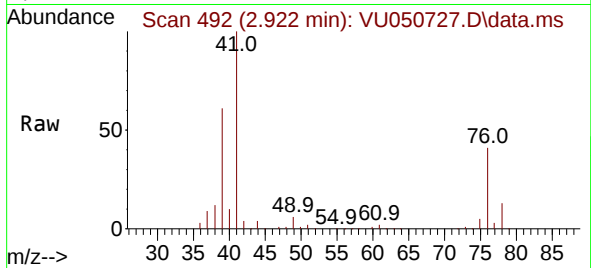
#11  
 Allyl Chloride  
 Concen: 8.944 ug/l  
 RT: 2.922 min Scan# 496  
 Delta R.T. -0.000 min  
 Lab File: VU050727.D  
 Acq: 16 Sep 2022 16:50

Instrument :  
 MSVOA\_U  
 Client Sample Id :  
 VSTDCCC010EC

Tgt Ion: 41 Resp: 142945  
 Ion Ratio Lower Upper  
 41 100  
 39 60.8 53.2 79.8

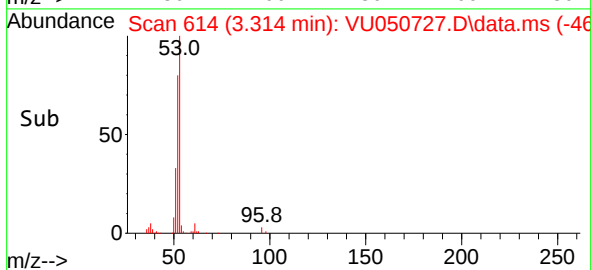
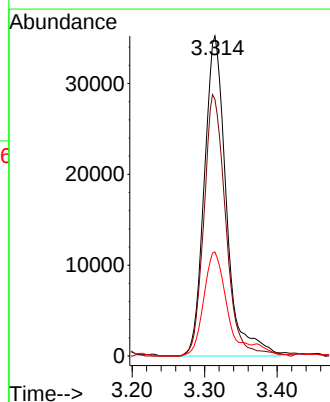
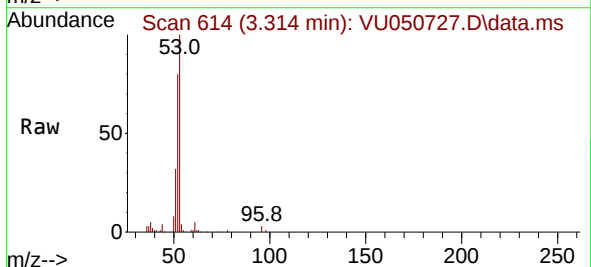
Manual Integrations  
 APPROVED

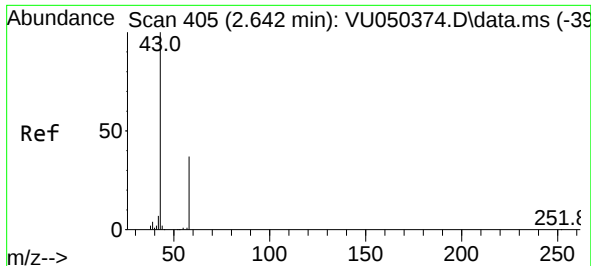
Reviewed By :Krupa Patel 09/19/2022  
 Supervised By :Mahesh Dadoda 09/21/2022



#12  
 Acrylonitrile  
 Concen: 23.956 ug/l  
 RT: 3.314 min Scan# 614  
 Delta R.T. -0.003 min  
 Lab File: VU050727.D  
 Acq: 16 Sep 2022 16:50

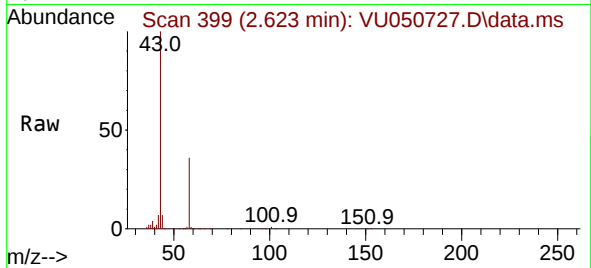
Tgt Ion: 53 Resp: 74500  
 Ion Ratio Lower Upper  
 53 100  
 52 80.9 64.6 97.0  
 51 33.7 30.7 46.1





#13  
Acetone  
Concen: 59.977 ug/l  
RT: 2.623 min Scan# 399  
Delta R.T. -0.003 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

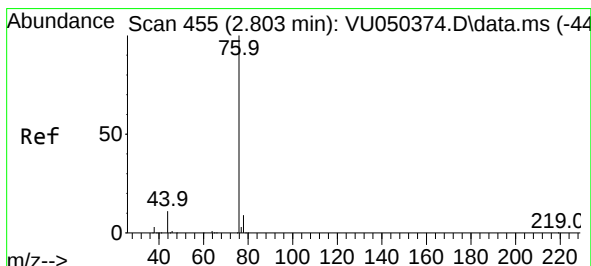
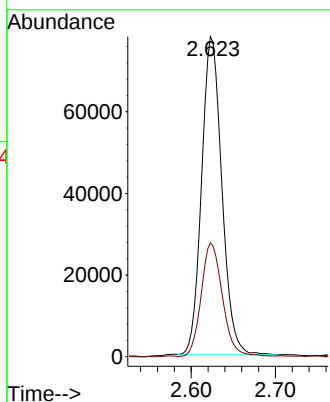
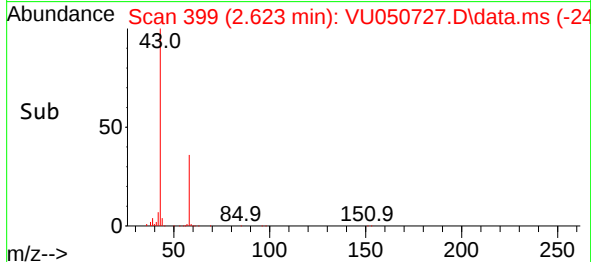
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



Tgt Ion: 43 Resp: 130452  
Ion Ratio Lower Upper  
43 100  
58 35.8 26.2 39.2

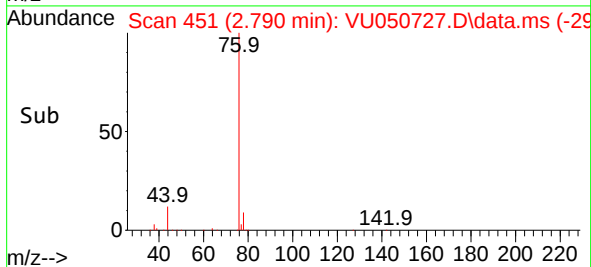
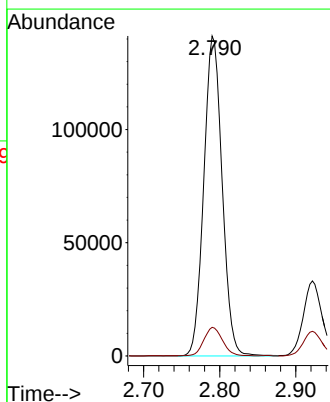
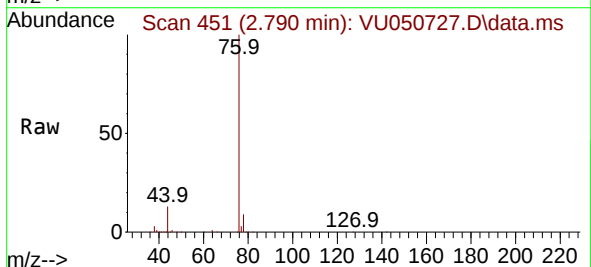
Manual Integrations  
APPROVED

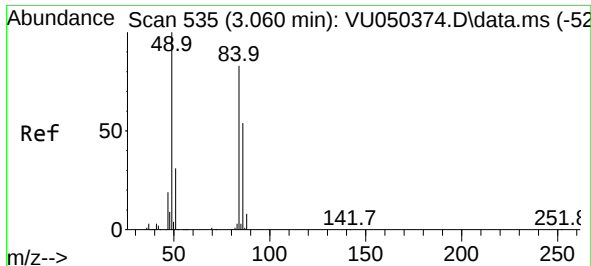
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#14  
Carbon Disulfide  
Concen: 7.370 ug/l  
RT: 2.790 min Scan# 451  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

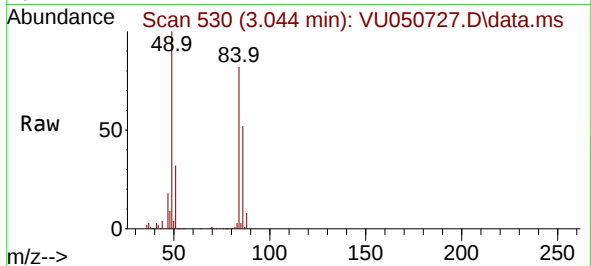
Tgt Ion: 76 Resp: 236731  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.0





#15  
Methylene Chloride  
Concen: 9.231 ug/l  
RT: 3.044 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

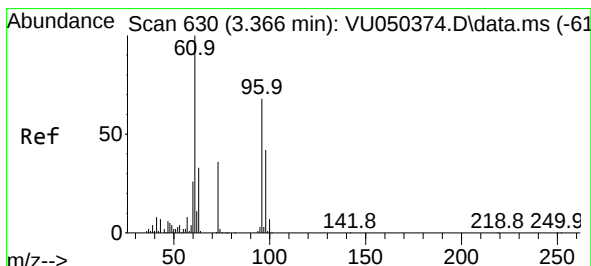
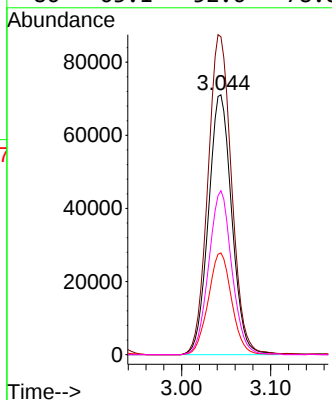
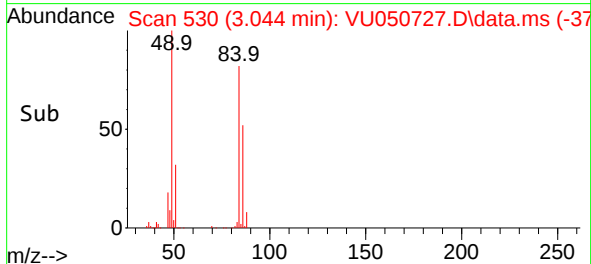
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



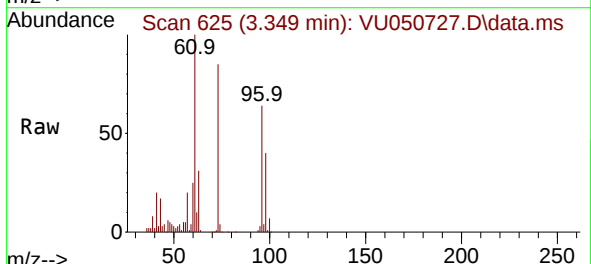
Tgt Ion: 84 Resp: 129500  
Ion Ratio Lower Upper  
84 100  
49 122.3 104.6 157.0  
51 39.2 0.0 81.4  
86 63.1 52.6 78.8

Manual Integrations  
APPROVED

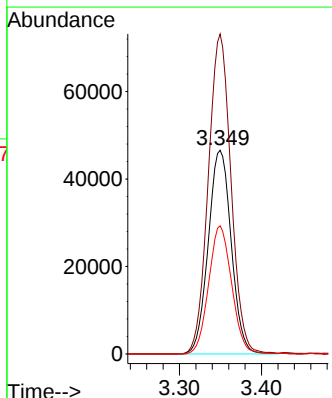
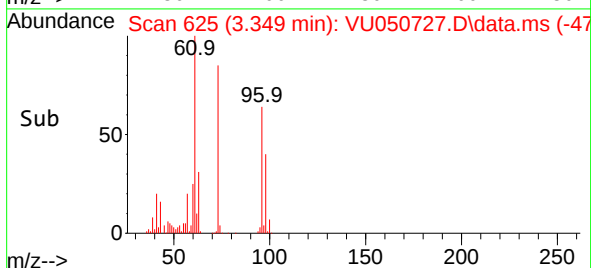
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#16  
trans-1,2-Dichloroethene  
Concen: 8.491 ug/l  
RT: 3.349 min Scan# 625  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50



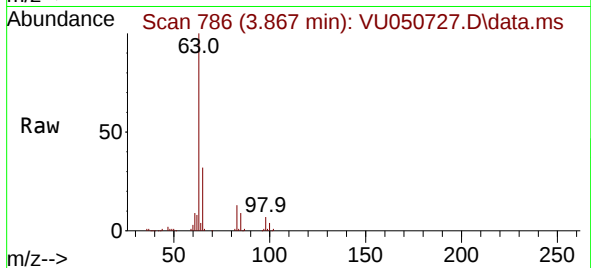
Tgt Ion: 96 Resp: 90985  
Ion Ratio Lower Upper  
96 100  
61 157.1 123.4 185.0  
98 62.9 51.6 77.4





#17  
1,1-Dichloroethane  
Concen: 9.307 ug/l  
RT: 3.867 min Scan# 791  
Delta R.T. 0.003 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

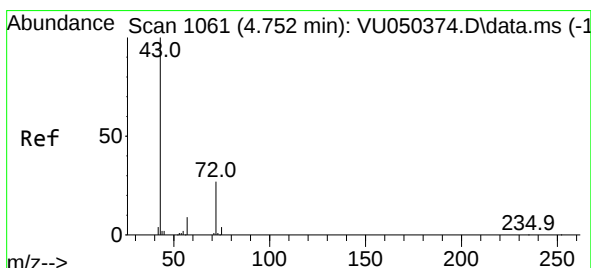
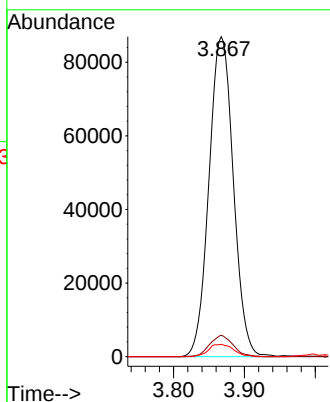
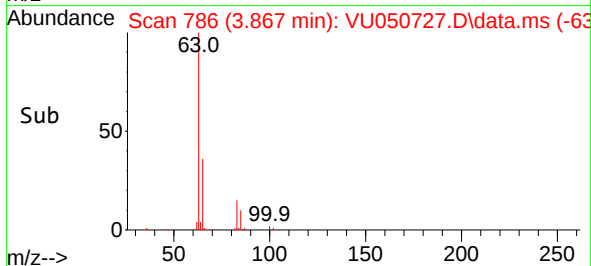
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



Tgt Ion: 63 Resp: 207720  
Ion Ratio Lower Upper  
63 100  
98 6.7 3.4 10.2  
100 3.8 2.0 6.0

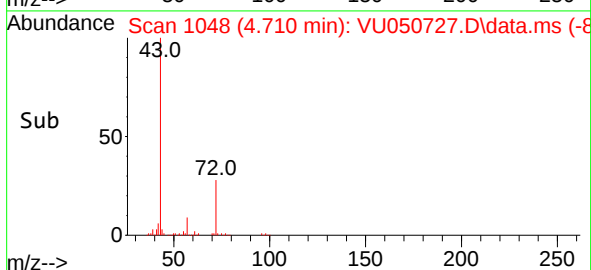
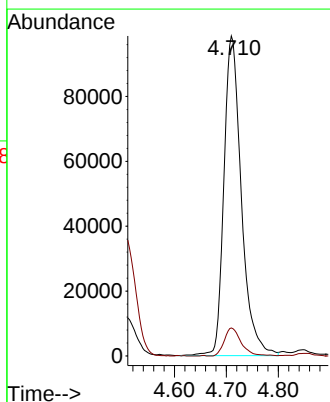
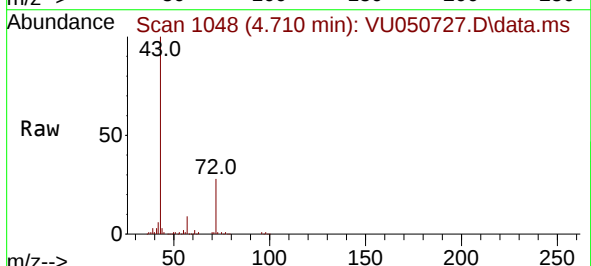
Manual Integrations  
APPROVED

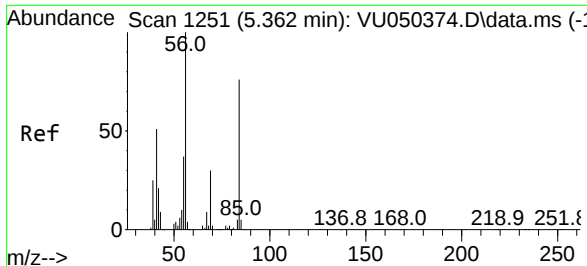
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#18  
2-Butanone  
Concen: 67.267 ug/l  
RT: 4.710 min Scan# 1048  
Delta R.T. -0.010 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 43 Resp: 230116  
Ion Ratio Lower Upper  
43 100  
57 8.6 0.0 18.0





#19

Cyclohexane

Concen: 9.318 ug/l m

RT: 5.388 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 56 Resp: 150928

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.4

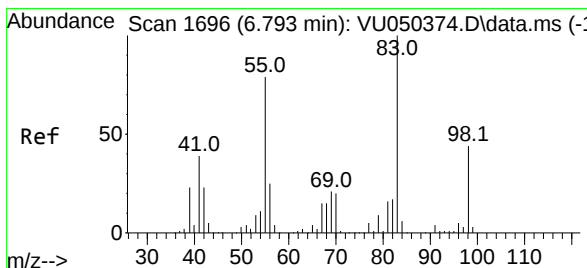
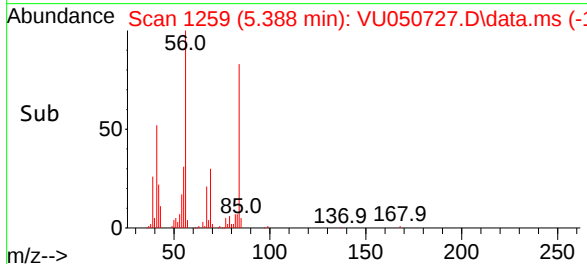
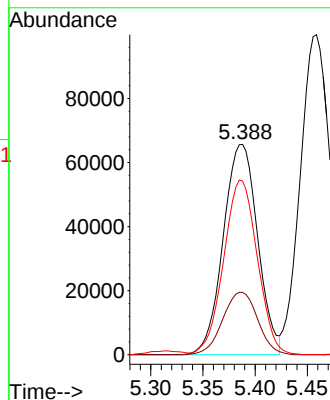
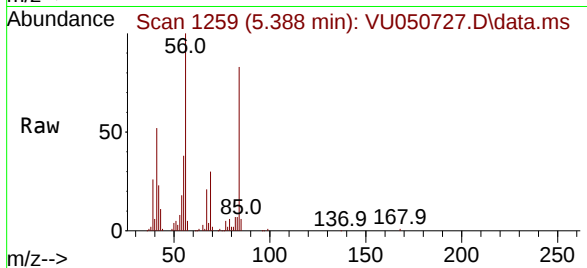
84 80.2 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#20

Methylcyclohexane

Concen: 11.395 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

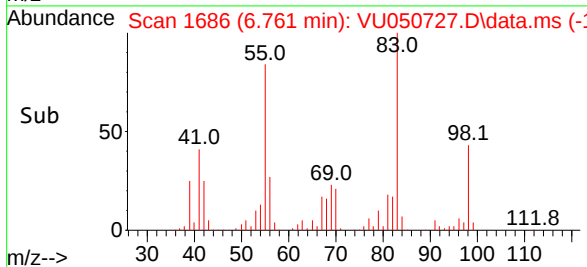
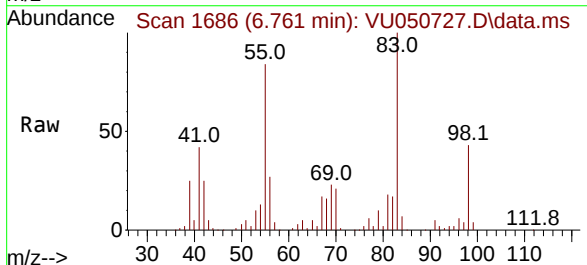
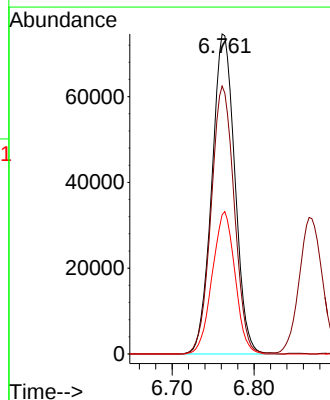
Tgt Ion: 83 Resp: 145493

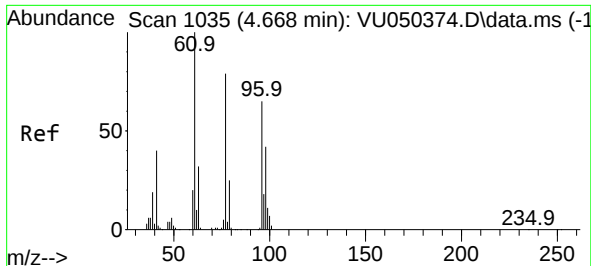
Ion Ratio Lower Upper

83 100

55 83.7 63.0 94.4

98 44.1 35.7 53.5





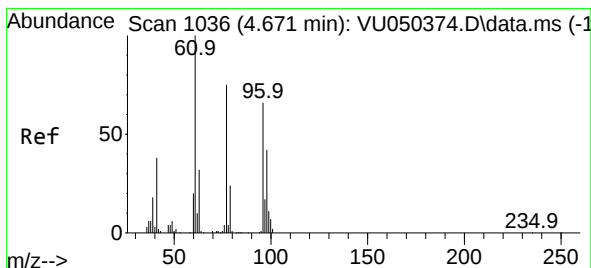
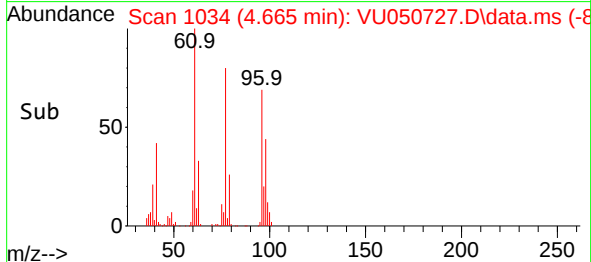
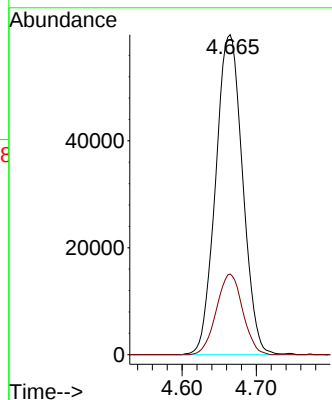
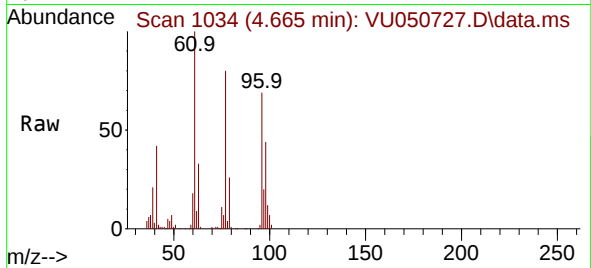
#21  
2,2-Dichloropropane  
Concen: 8.907 ug/l  
RT: 4.665 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion: 77 Resp: 151108  
Ion Ratio Lower Upper  
77 100  
97 24.6 18.5 27.7

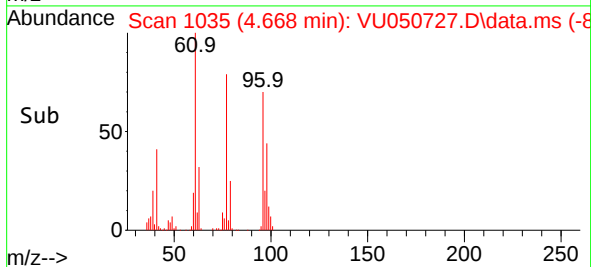
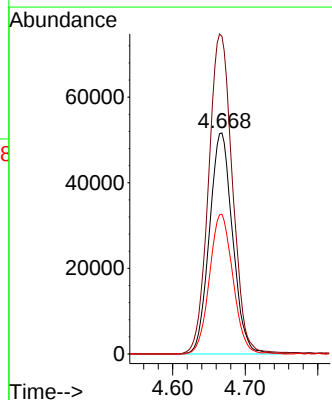
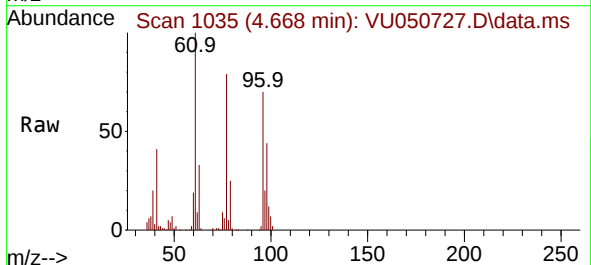
Manual Integrations  
APPROVED

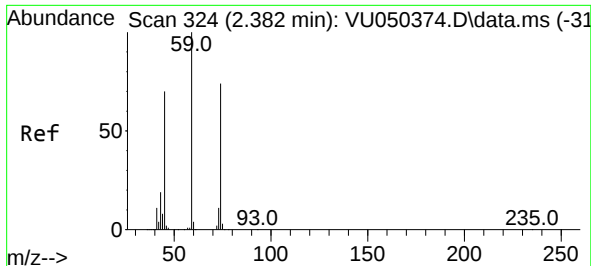
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#22  
cis-1,2-Dichloroethene  
Concen: 9.463 ug/l  
RT: 4.668 min Scan# 1035  
Delta R.T. 0.003 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

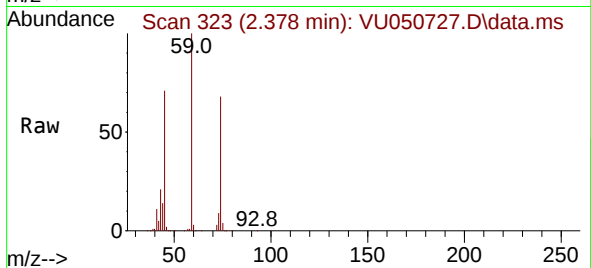
Tgt Ion: 96 Resp: 114725  
Ion Ratio Lower Upper  
96 100  
61 149.2 0.0 375.8  
98 64.0 31.6 95.0





#23  
Diethyl Ether  
Concen: 9.775 ug/l  
RT: 2.378 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

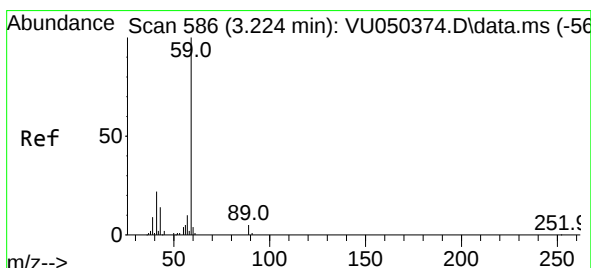
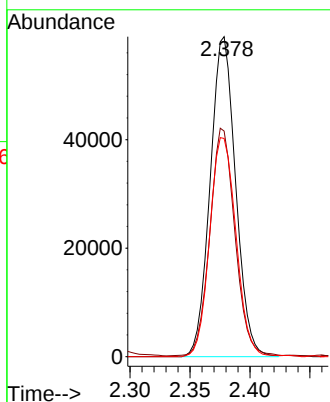
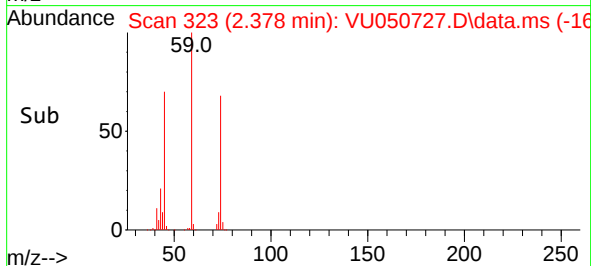
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



Tgt Ion: 59 Resp: 8706  
Ion Ratio Lower Upper  
59 100  
45 70.1 56.0 84.0  
74 70.8 57.6 86.4

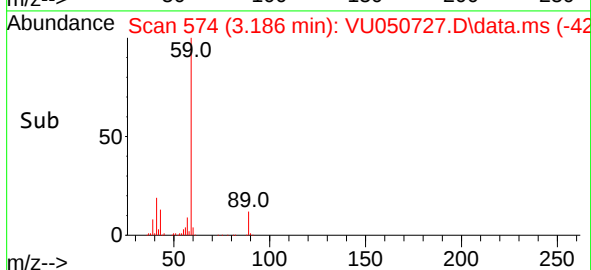
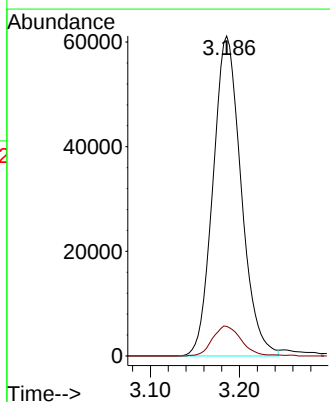
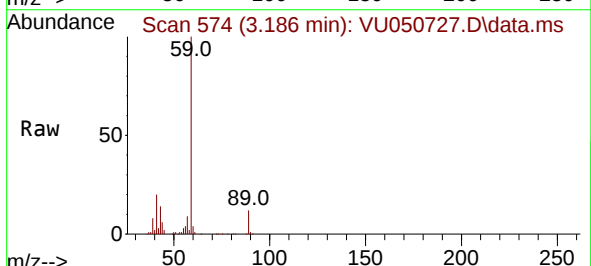
Manual Integrations  
APPROVED

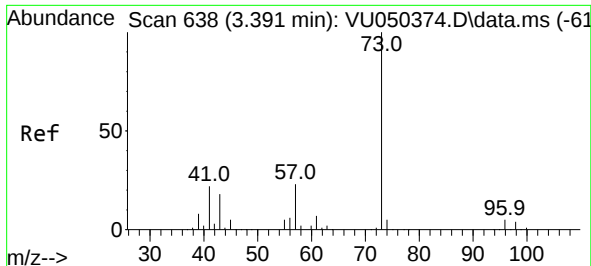
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#24  
tert-Butyl Alcohol  
Concen: 119.066 ug/l  
RT: 3.186 min Scan# 574  
Delta R.T. -0.009 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 59 Resp: 134226  
Ion Ratio Lower Upper  
59 100  
57 9.6 8.2 12.2





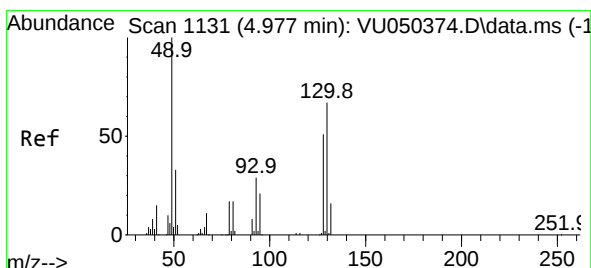
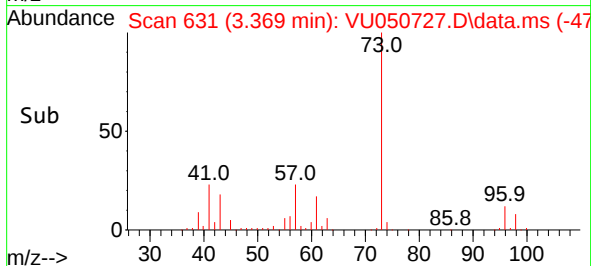
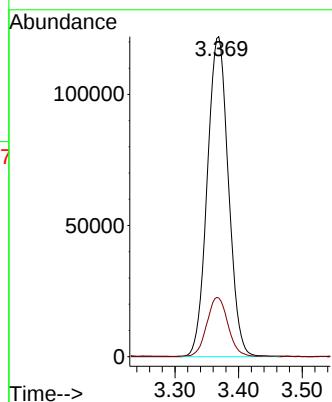
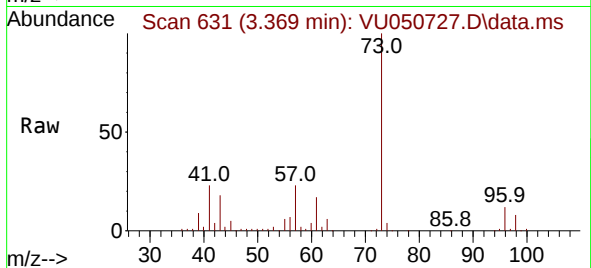
#25  
Methyl tert-Butyl Ether  
Concen: 10.217 ug/l  
RT: 3.369 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion: 73 Resp: 281428  
Ion Ratio Lower Upper  
73 100  
43 18.3 15.9 23.9

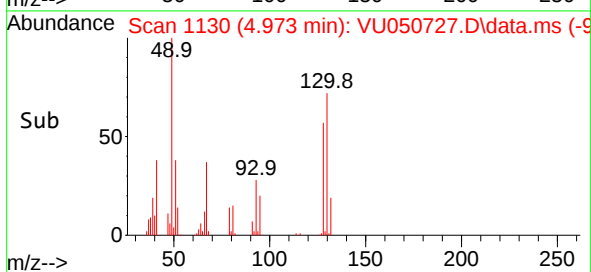
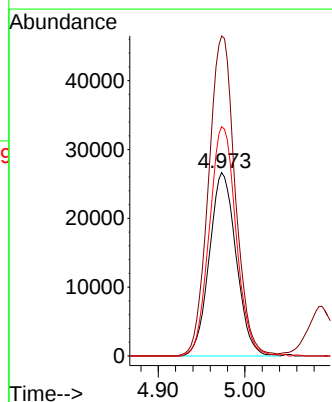
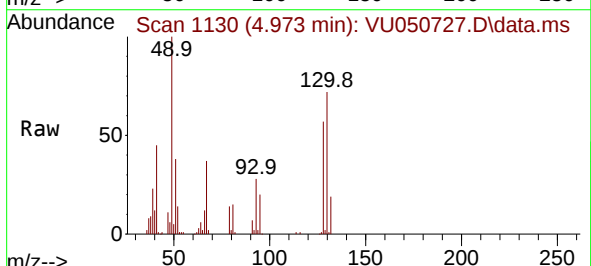
Manual Integrations  
APPROVED

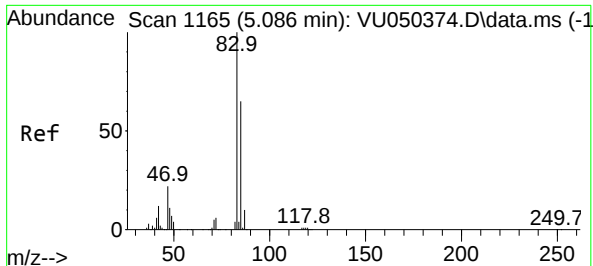
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#26  
Bromochloromethane  
Concen: 11.733 ug/l  
RT: 4.973 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Tgt Ion:128 Resp: 57078  
Ion Ratio Lower Upper  
128 100  
49 173.9 0.0 349.2  
130 125.3 103.0 154.6





#27

Chloroform

Concen: 9.687 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 20953

Ion Ratio Lower Upper

83 100

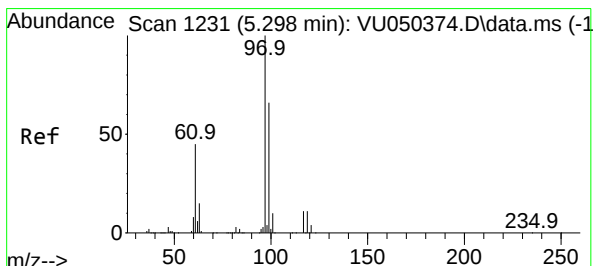
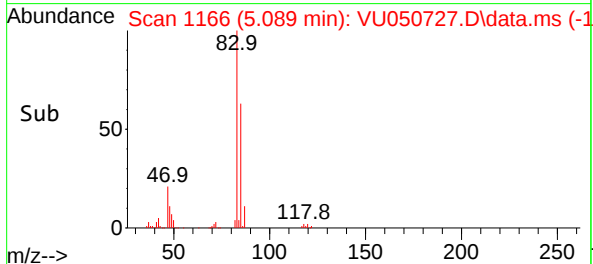
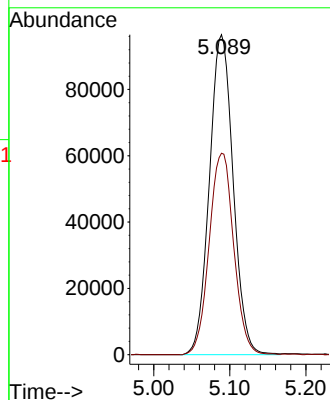
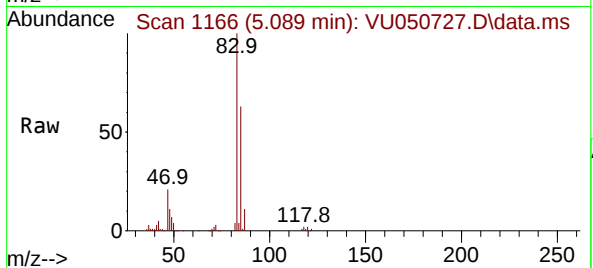
85 62.9 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#28

1,1,1-Trichloroethane

Concen: 9.267 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

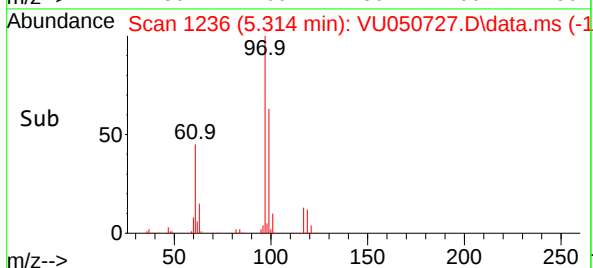
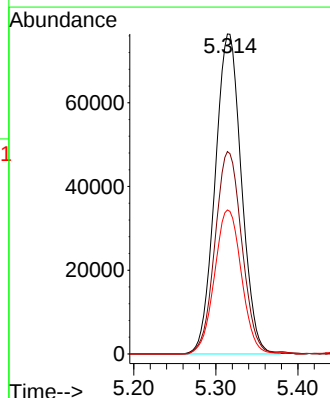
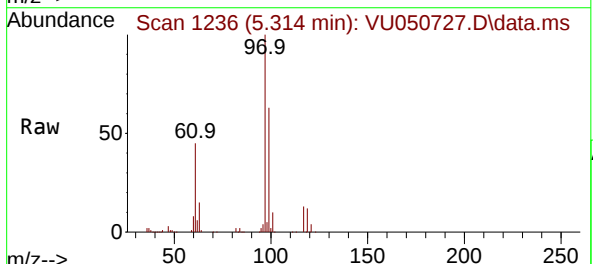
Tgt Ion: 97 Resp: 171042

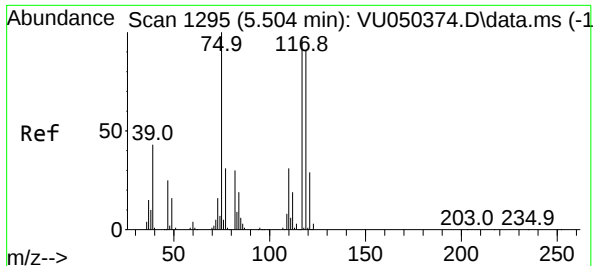
Ion Ratio Lower Upper

97 100

99 64.5 32.1 96.5

61 45.9 21.8 65.4





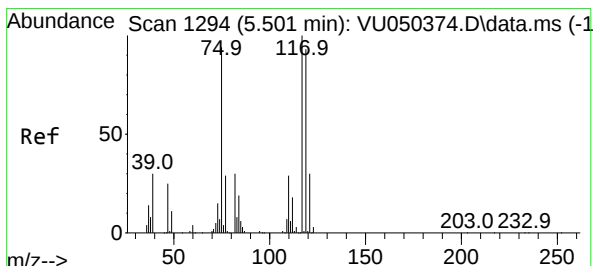
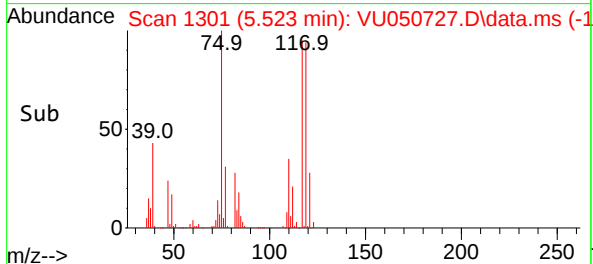
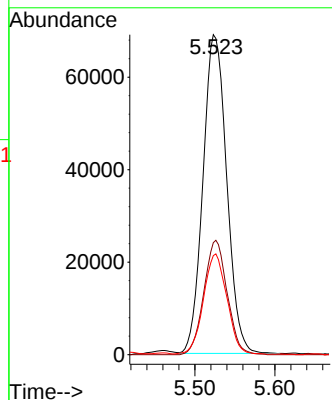
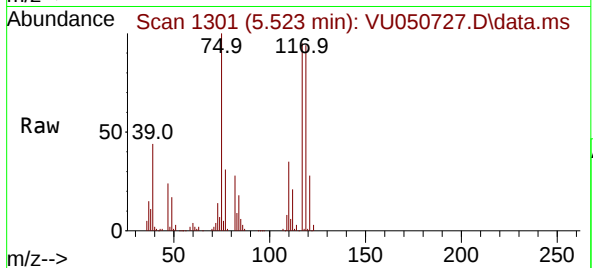
#29  
1,1-Dichloropropene  
Concen: 9.621 ug/l  
RT: 5.523 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion: 75 Resp: 142249  
Ion Ratio Lower Upper  
75 100  
110 35.2 17.3 52.0  
77 30.9 24.6 37.0

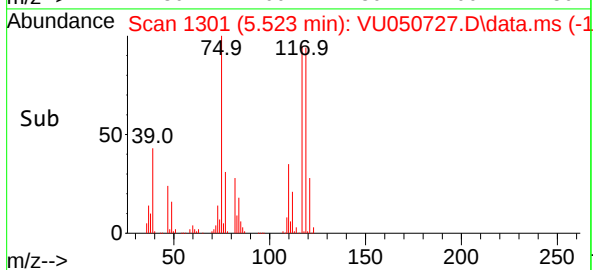
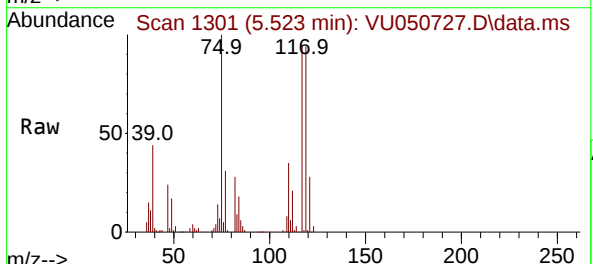
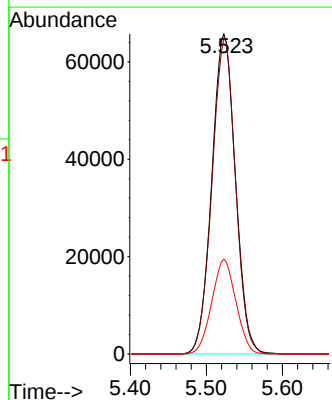
Manual Integrations  
APPROVED

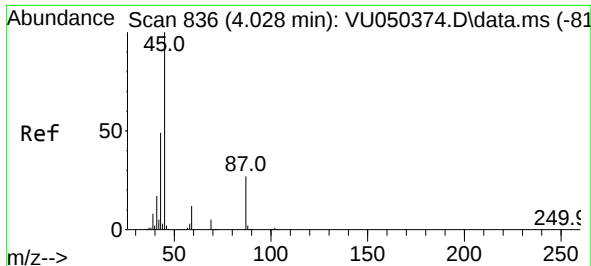
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#30  
Carbon Tetrachloride  
Concen: 9.614 ug/l  
RT: 5.523 min Scan# 1301  
Delta R.T. 0.003 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

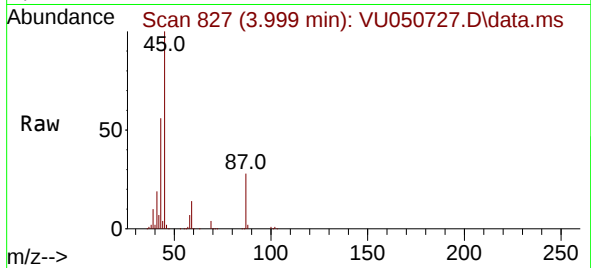
Tgt Ion:117 Resp: 142049  
Ion Ratio Lower Upper  
117 100  
119 98.7 74.6 112.0  
121 29.6 24.2 36.4





#31  
Isopropyl Ether  
Concen: 8.071 ug/l  
RT: 3.999 min Scan# 81  
Delta R.T. -0.003 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

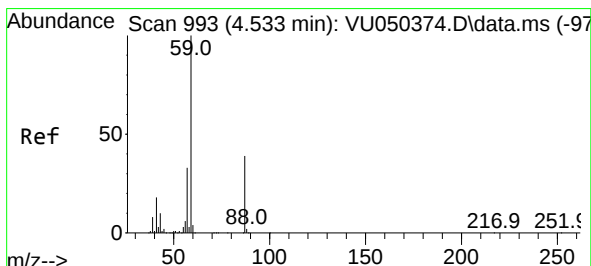
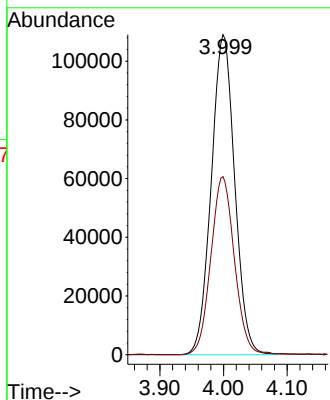
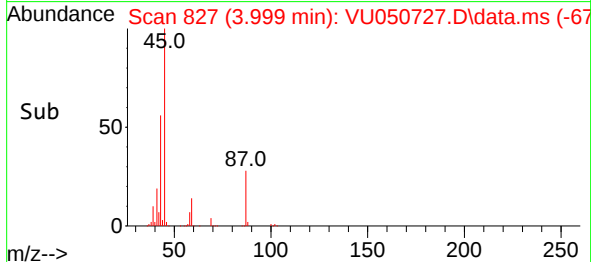
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



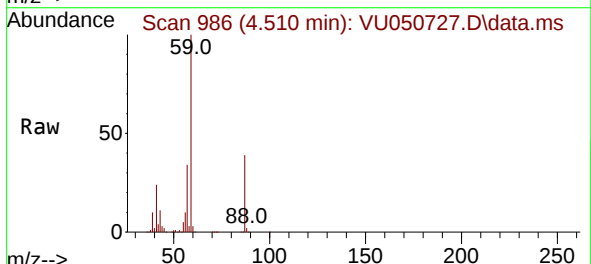
Tgt Ion: 45 Resp: 279514  
Ion Ratio Lower Upper  
45 100  
43 55.8 23.8 71.2

Manual Integrations  
APPROVED

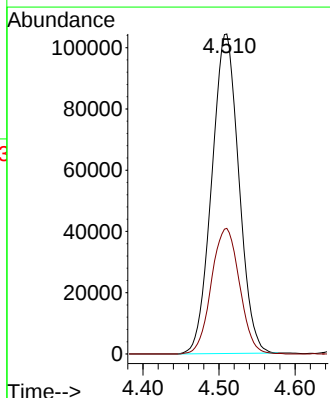
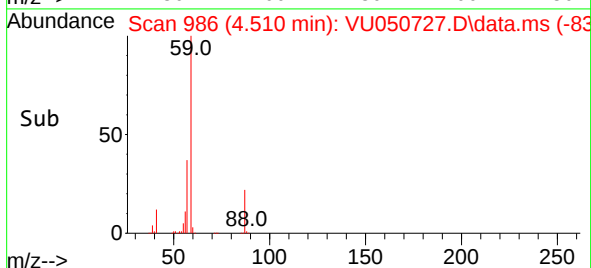
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022

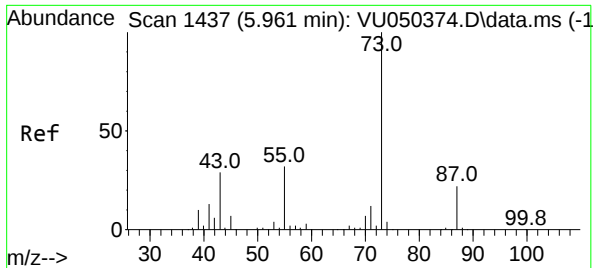


#32  
Ethyl-t-butyl ether  
Concen: 9.488 ug/l  
RT: 4.510 min Scan# 986  
Delta R.T. -0.003 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50



Tgt Ion: 59 Resp: 258146  
Ion Ratio Lower Upper  
59 100  
87 40.8 32.5 48.7





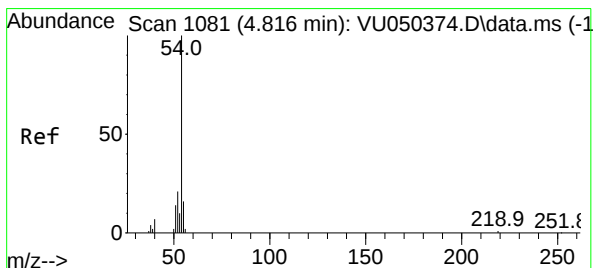
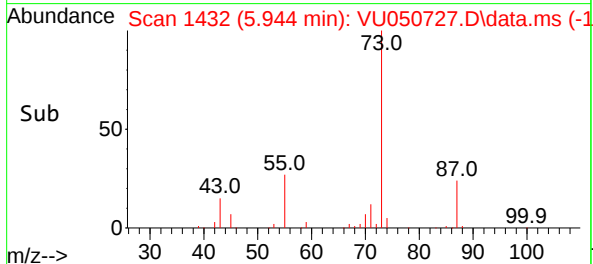
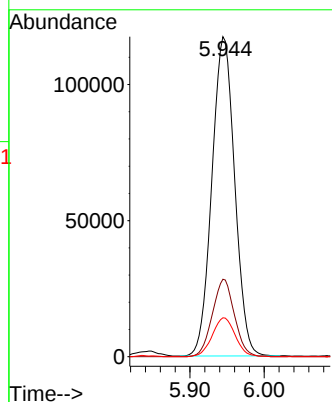
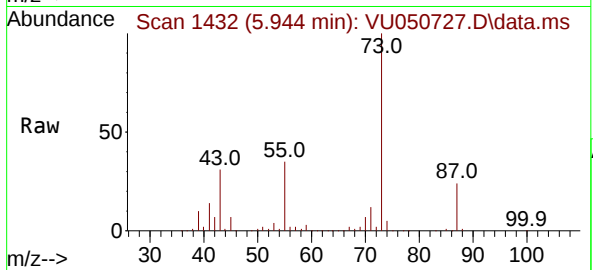
#33  
Tert-Amyl methyl ether  
Concen: 14.102 ug/l  
RT: 5.944 min Scan# 1437  
Delta R.T. -0.003 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion: 73 Resp: 250114  
Ion Ratio Lower Upper  
73 100  
87 23.5 19.7 29.5  
71 12.4 9.0 13.4

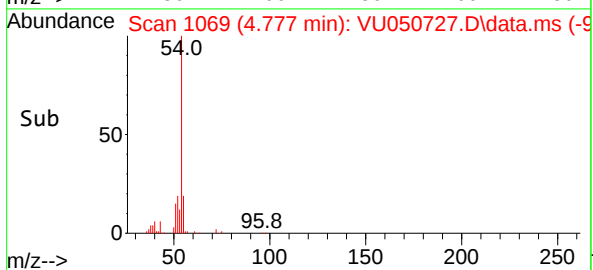
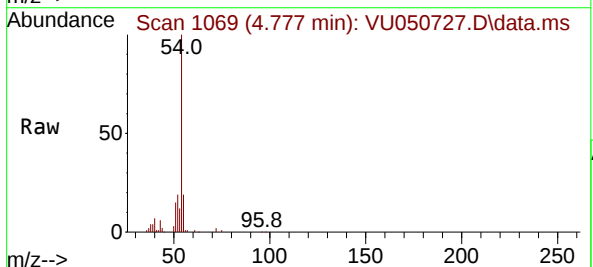
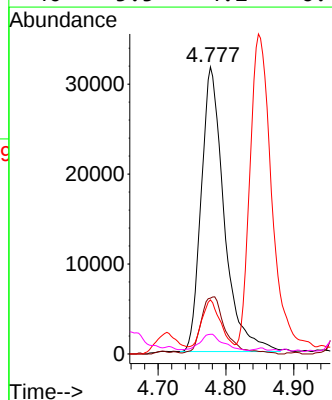
Manual Integrations  
APPROVED

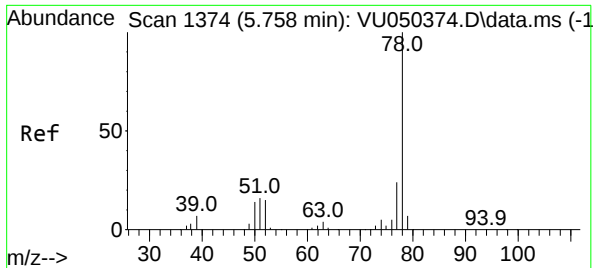
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#34  
Propionitrile  
Concen: 73.595 ug/l  
RT: 4.777 min Scan# 1069  
Delta R.T. -0.010 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 54 Resp: 74366  
Ion Ratio Lower Upper  
54 100  
52 21.3 15.0 22.6  
55 15.3 12.6 19.0  
40 5.5 4.2 6.4





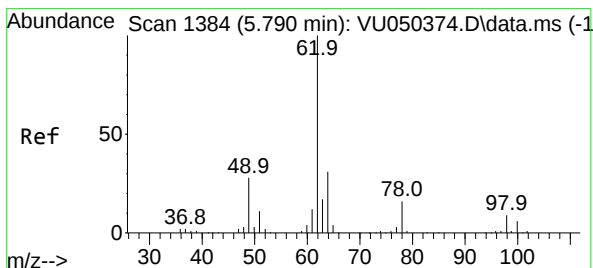
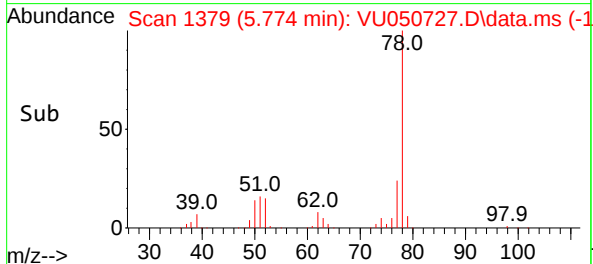
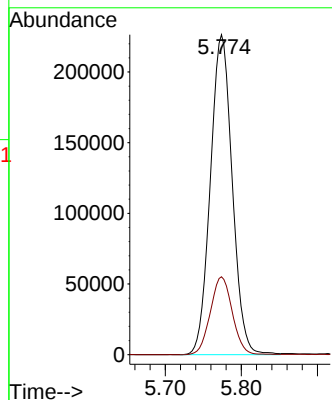
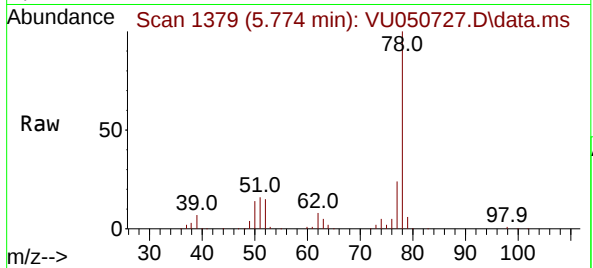
#35  
Benzene  
Concen: 10.407 ug/l  
RT: 5.774 min Scan# 1374  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion: 78 Resp: 452280  
Ion Ratio Lower Upper  
78 100  
77 24.3 18.6 28.0

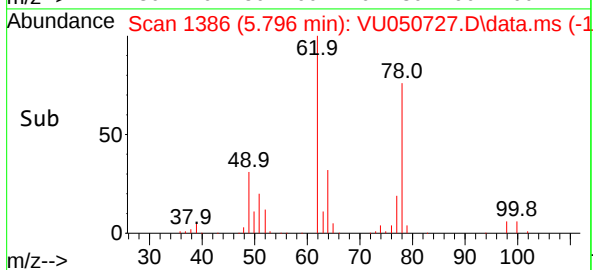
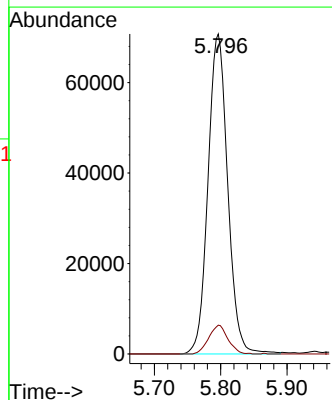
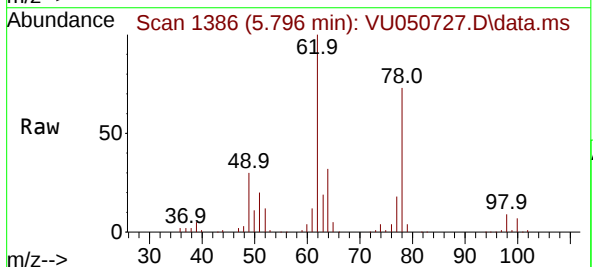
Manual Integrations  
APPROVED

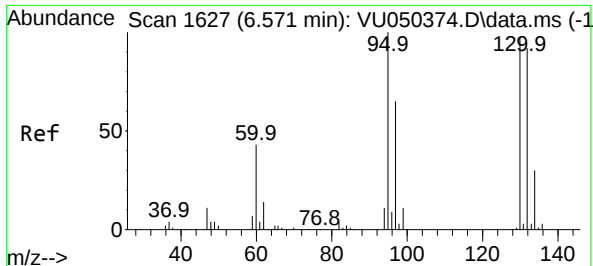
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#36  
1,2-Dichloroethane  
Concen: 11.001 ug/l  
RT: 5.796 min Scan# 1386  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Tgt Ion: 62 Resp: 145975  
Ion Ratio Lower Upper  
62 100  
98 8.8 7.4 11.0





#37

Trichloroethene

Concen: 9.520 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:130 Resp: 9918

Ion Ratio Lower Upper

130 100

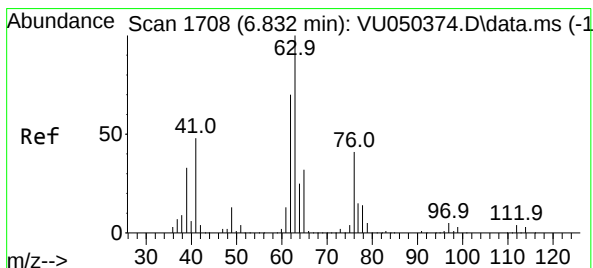
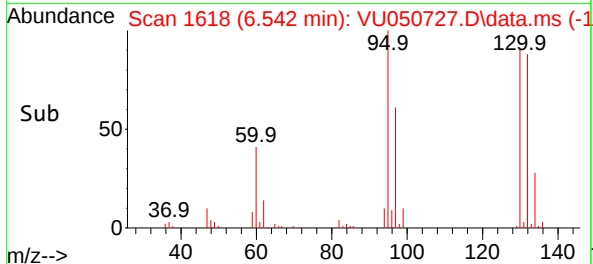
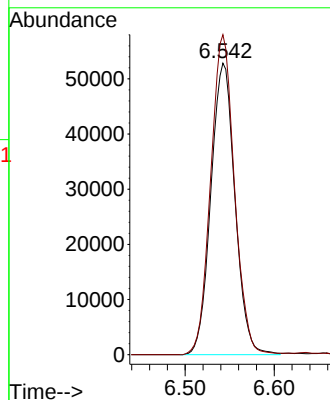
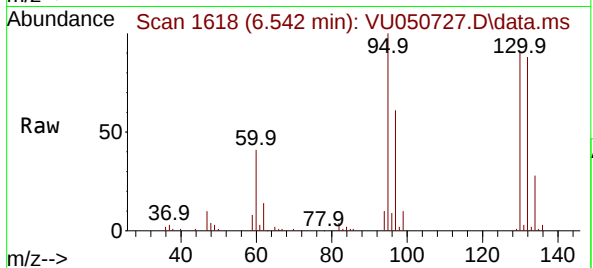
95 109.8 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#38

1,2-Dichloropropane

Concen: 11.141 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. -0.000 min

Lab File: VU050727.D

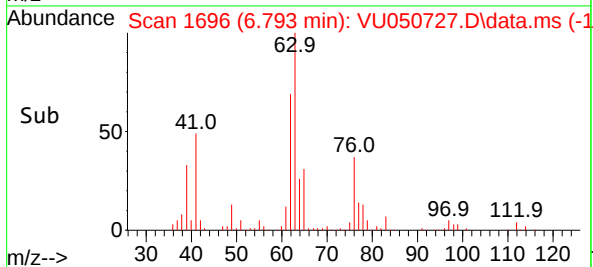
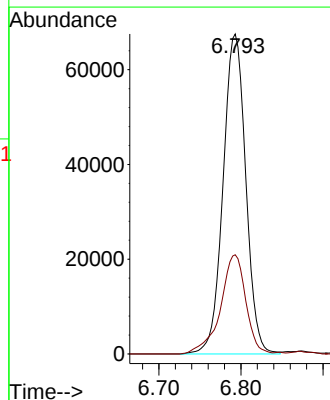
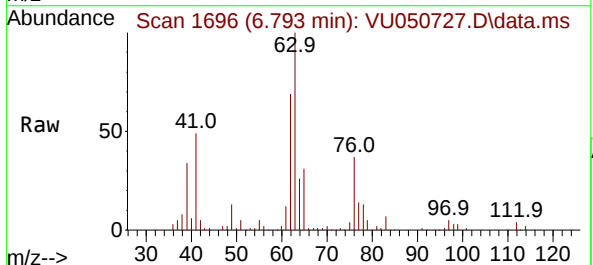
Acq: 16 Sep 2022 16:50

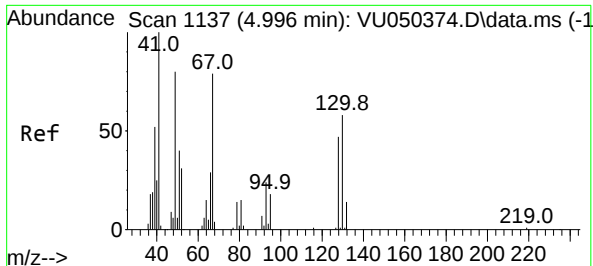
Tgt Ion: 63 Resp: 129972

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.4





#39

Methacrylonitrile

Concen: 11.302 ug/l

RT: 4.976 min Scan# 1137

Delta R.T. -0.007 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 4686

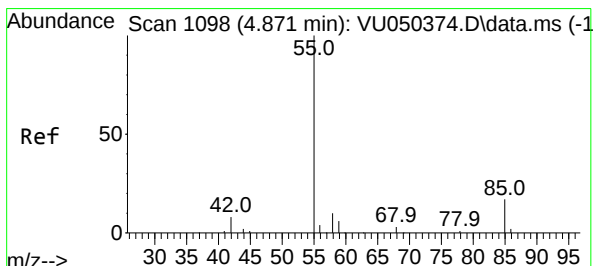
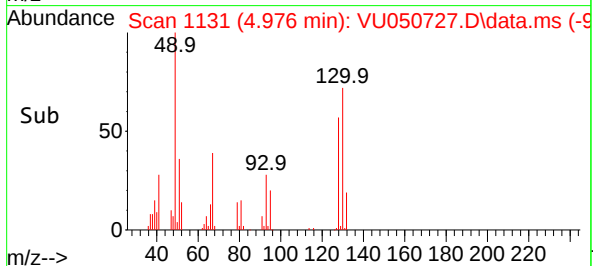
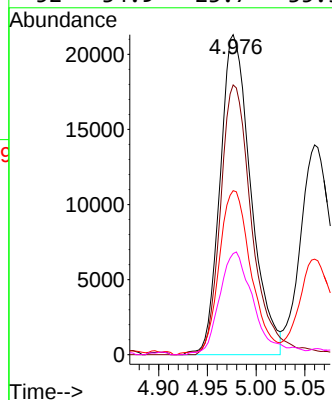
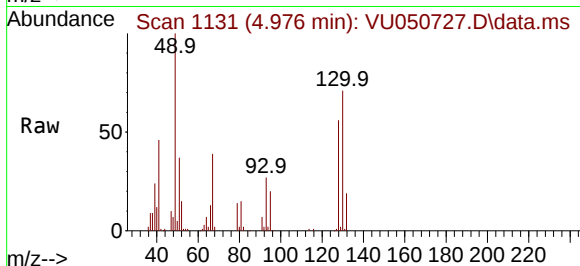
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 67  | 86.2  | 59.4  | 89.0  |
| 39  | 53.3  | 42.2  | 63.2  |
| 52  | 34.9  | 23.7  | 35.5  |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#40

Methyl acrylate

Concen: 12.248 ug/l

RT: 4.848 min Scan# 1091

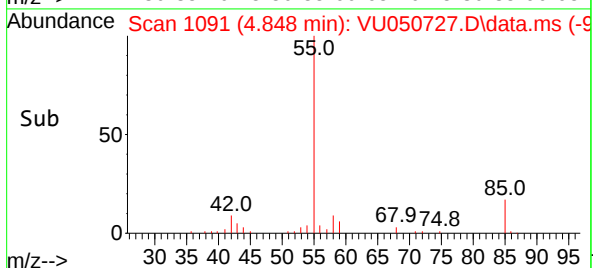
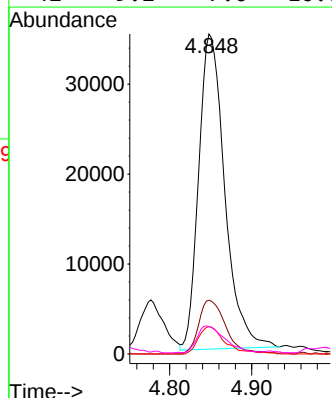
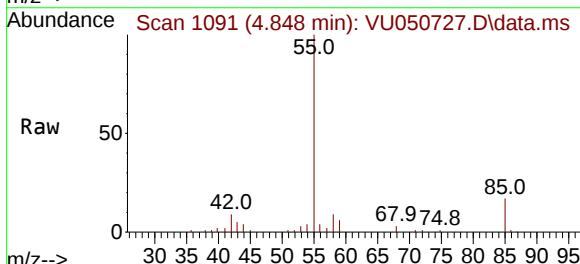
Delta R.T. -0.007 min

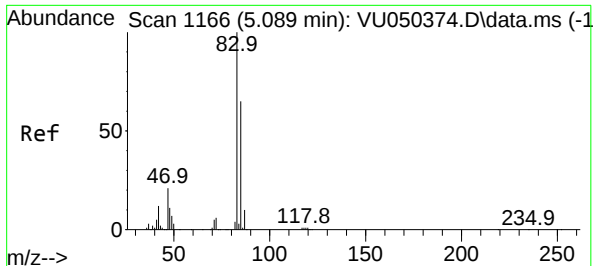
Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Tgt Ion: 55 Resp: 77354

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 55  | 100   |       |       |
| 85  | 17.7  | 13.5  | 20.3  |
| 58  | 8.7   | 7.0   | 10.4  |
| 42  | 9.2   | 7.0   | 10.6  |





#41

Tetrahydrofuran

Concen: 26.199 ug/l

RT: 5.060 min Scan# 1166

Delta R.T. -0.007 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010EC

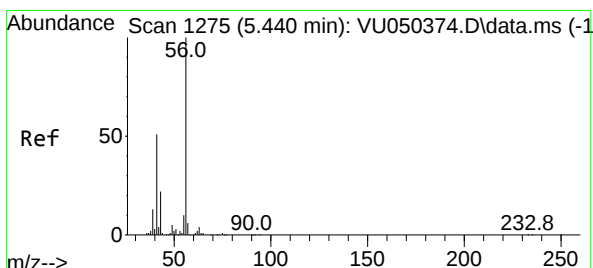
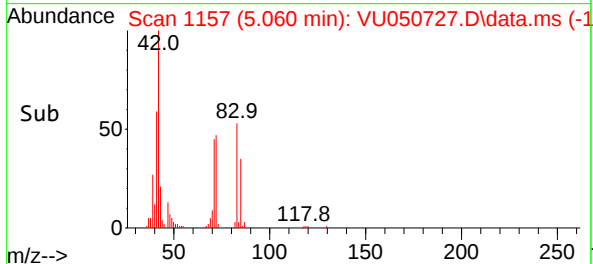
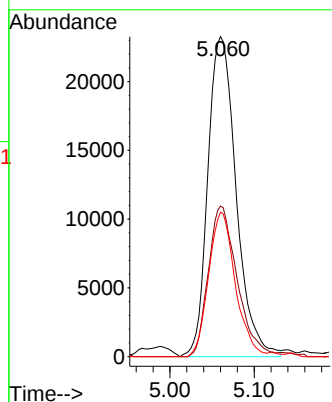
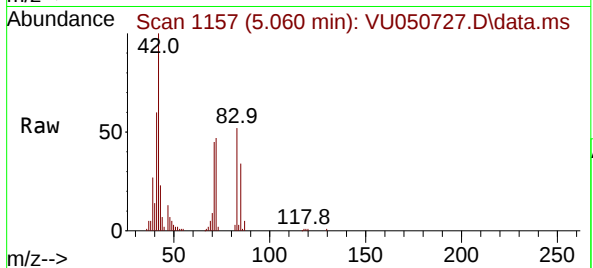
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 5439 |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 47.8  | 38.9  | 58.3 |
| 71        | 42.5  | 33.7  | 50.5 |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#42

1-Chlorobutane

Concen: 9.758 ug/l

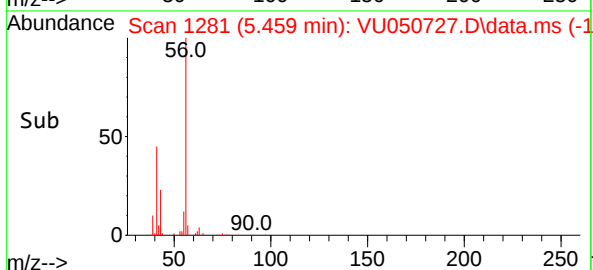
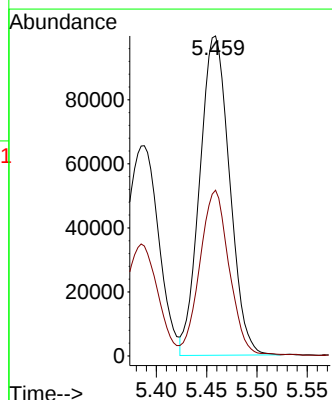
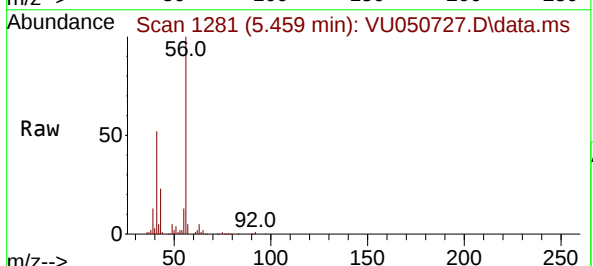
RT: 5.459 min Scan# 1281

Delta R.T. 0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 56    | Resp: | 205435 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 41        | 50.3  | 26.4  | 79.2   |





#43

Dibromomethane

Concen: 11.382 ug/l

RT: 6.918 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 93 Resp: 7157

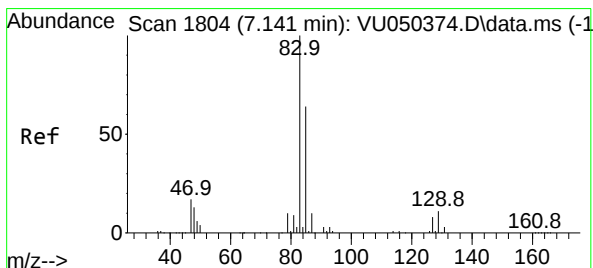
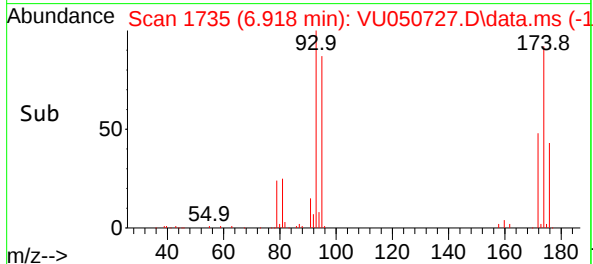
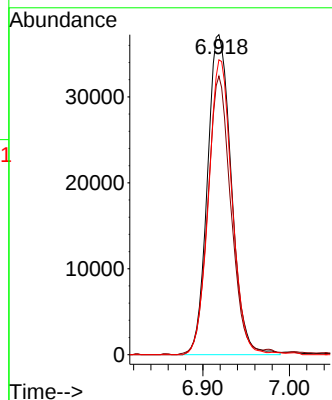
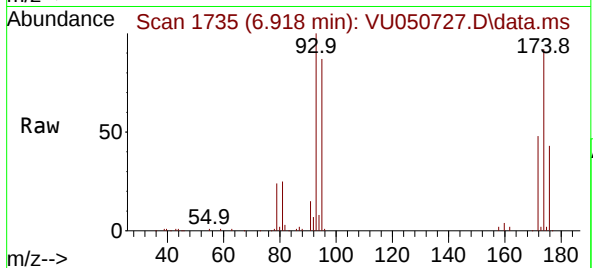
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 83.7  | 65.0  | 97.6  |
| 174 | 90.0  | 76.3  | 114.5 |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#44

Bromodichloromethane

Concen: 10.666 ug/l

RT: 7.105 min Scan# 1793

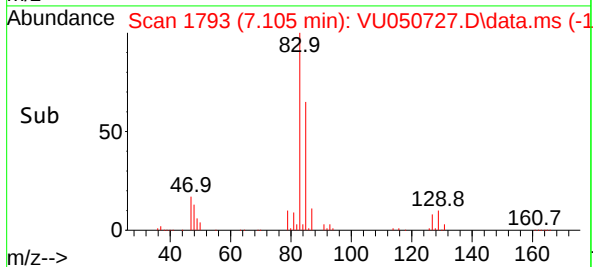
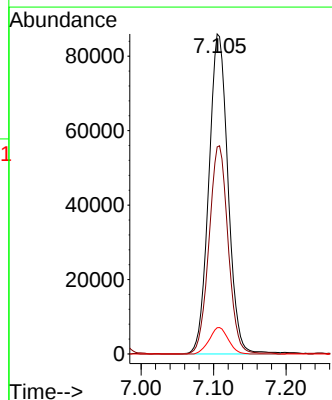
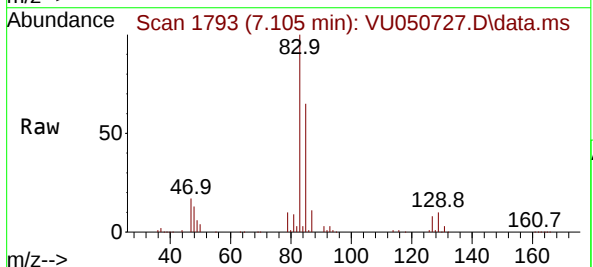
Delta R.T. -0.003 min

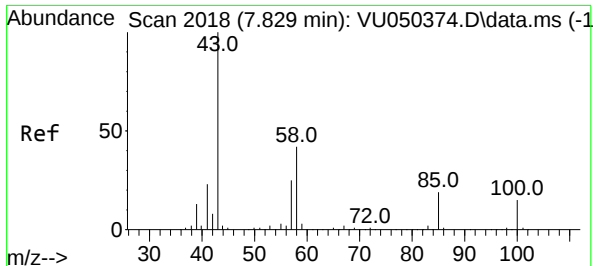
Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Tgt Ion: 83 Resp: 158267

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.7  | 49.4  | 74.0  |
| 127 | 8.2   | 6.6   | 10.0  |





#45

4-Methyl-2-Pentanone

Concen: 79.046 ug/l

RT: 7.793 min Scan# 2018

Delta R.T. -0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010EC

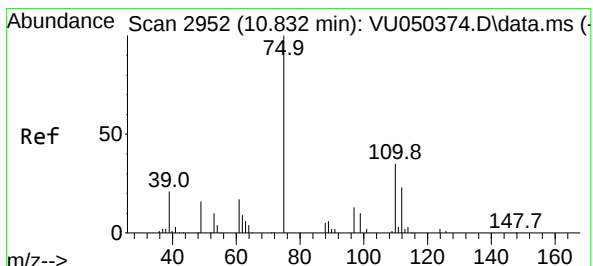
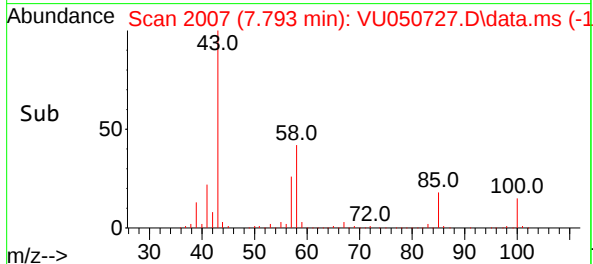
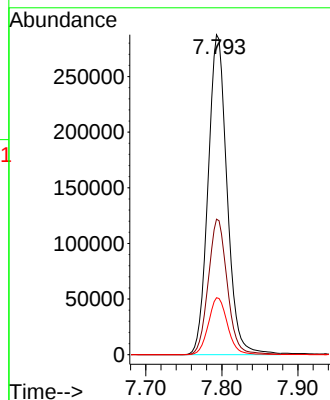
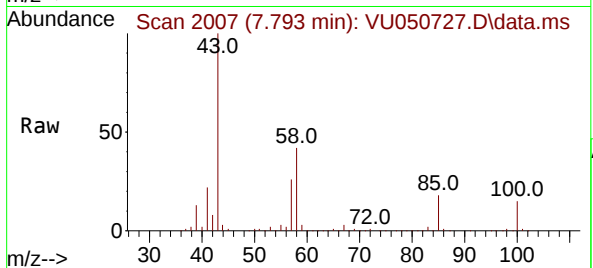
Tgt Ion: 43 Resp: 498950  
 Ion Ratio Lower Upper  
 43 100  
 58 42.5 20.3 61.0  
 85 18.0 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#46

t-1,4-Dichloro-2-butene

Concen: 18.897 ug/l m

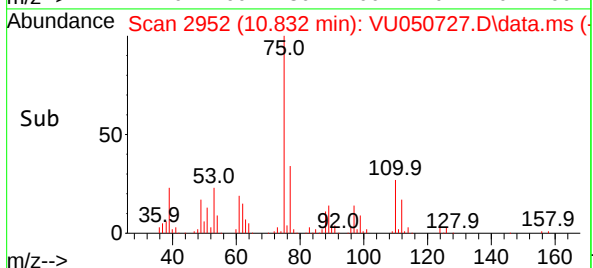
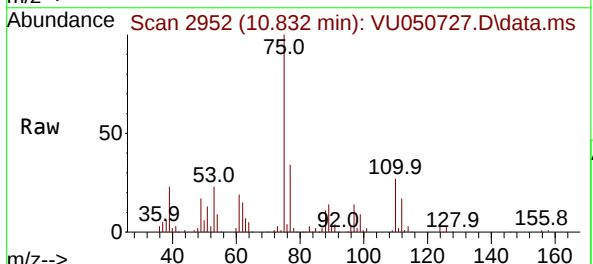
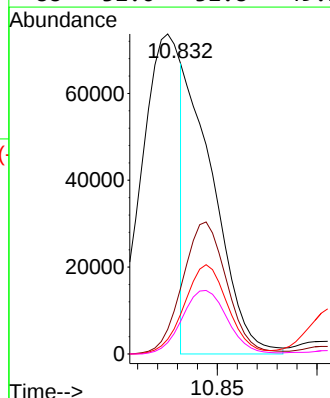
RT: 10.832 min Scan# 2952

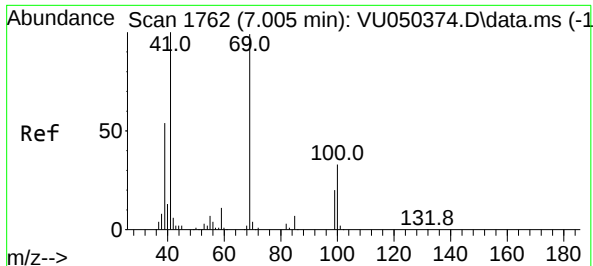
Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Tgt Ion: 75 Resp: 71124  
 Ion Ratio Lower Upper  
 75 100  
 53 66.4 64.4 96.6  
 89 44.2 44.2 66.2  
 88 32.6 32.8 49.2#





#47

Methyl methacrylate

Concen: 24.651 ug/l

RT: 6.963 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_U

ClientSampleId :

VSTDC010EC

Tgt Ion: 69 Resp: 146774

Ion Ratio Lower Upper

69 100

41 103.8 0.0 225.4

39 52.0 45.8 68.8

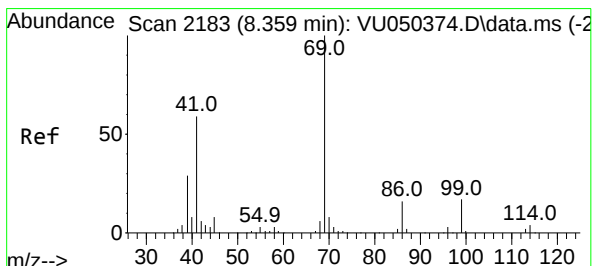
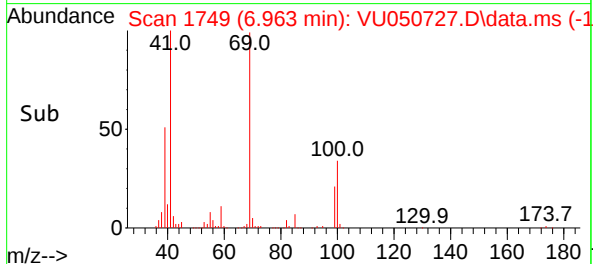
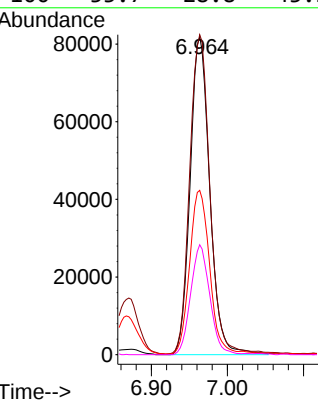
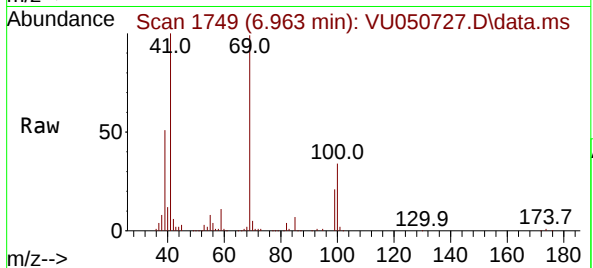
100 33.7 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#48

Ethyl methacrylate

Concen: 11.173 ug/l

RT: 8.336 min Scan# 2176

Delta R.T. -0.000 min

Lab File: VU050727.D

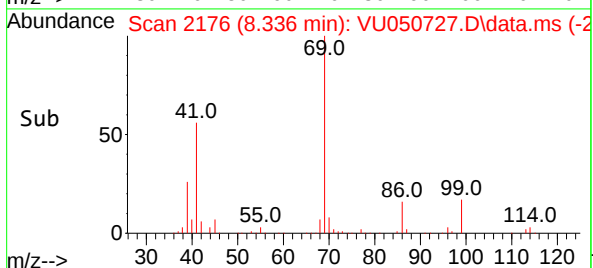
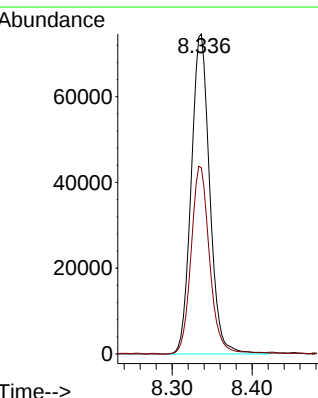
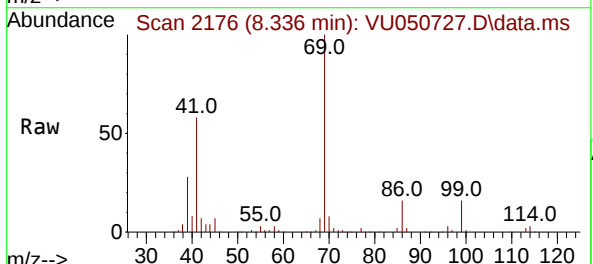
Acq: 16 Sep 2022 16:50

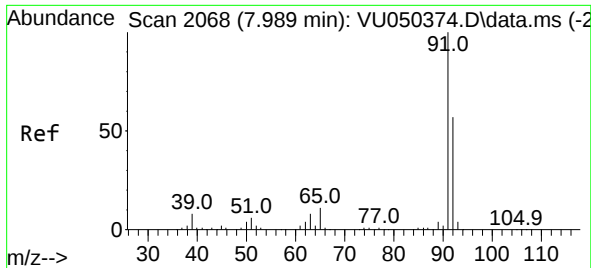
Tgt Ion: 69 Resp: 119877

Ion Ratio Lower Upper

69 100

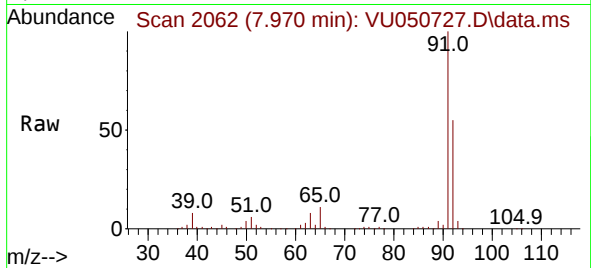
41 58.8 32.3 96.9





#49  
Toluene  
Concen: 11.212 ug/l  
RT: 7.970 min Scan# 2068  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

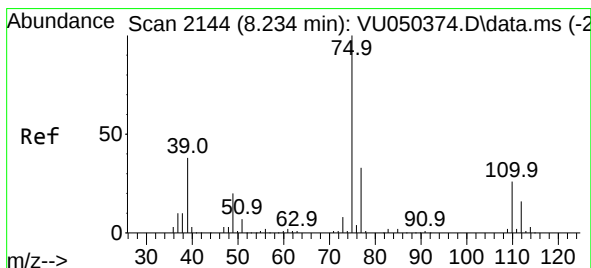
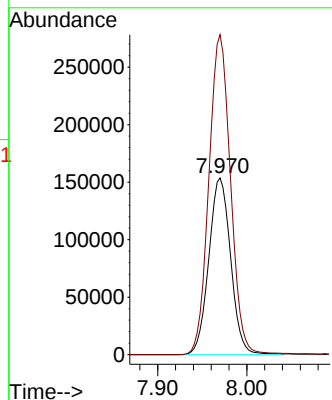
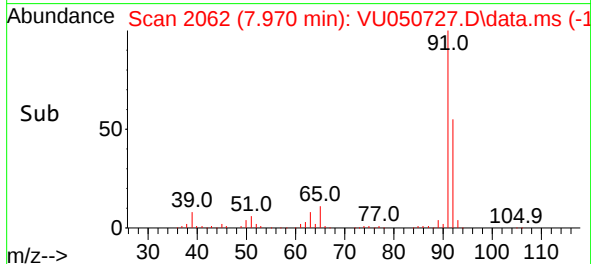
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



Tgt Ion: 92 Resp: 261790  
Ion Ratio Lower Upper  
92 100  
91 179.8 138.6 207.8

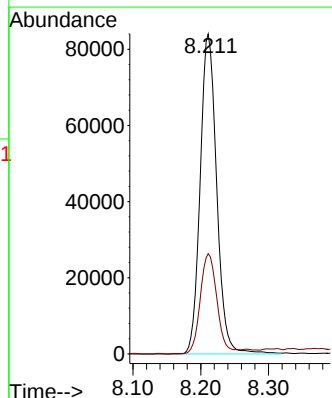
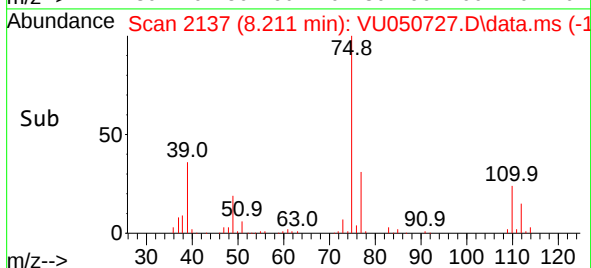
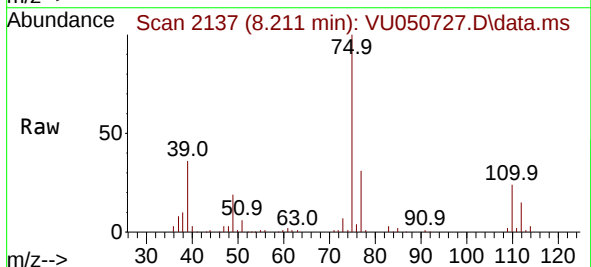
Manual Integrations  
APPROVED

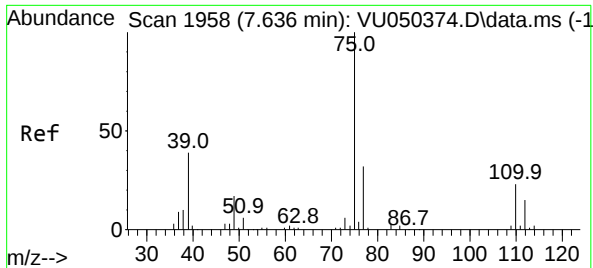
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#50  
t-1,3-Dichloropropene  
Concen: 12.308 ug/l  
RT: 8.211 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

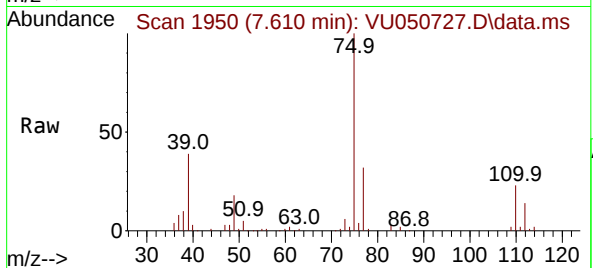
Tgt Ion: 75 Resp: 142216  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.7 37.1





#51  
 cis-1,3-Dichloropropene  
 Concen: 11.405 ug/l  
 RT: 7.610 min Scan# 1958  
 Delta R.T. -0.000 min  
 Lab File: VU050727.D  
 Acq: 16 Sep 2022 16:50

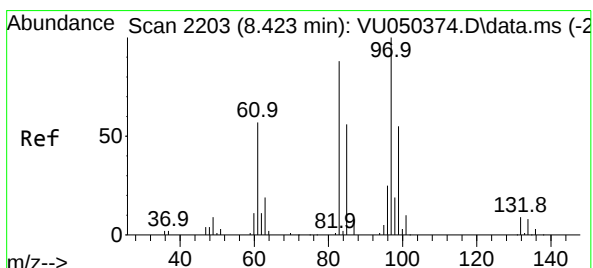
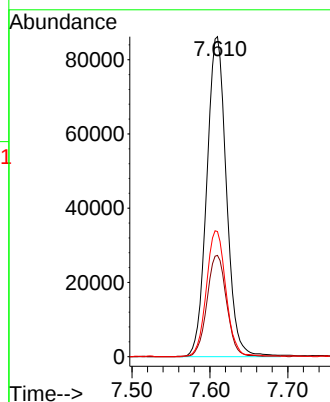
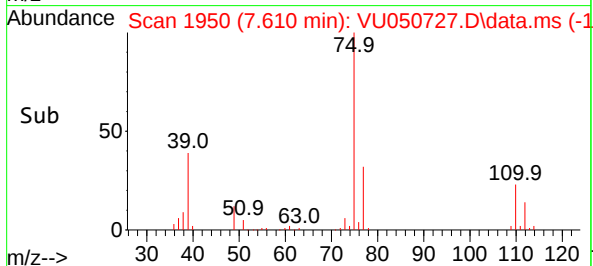
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010EC



Tgt Ion: 75 Resp: 150858  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.4 38.0  
 39 39.1 35.1 52.7

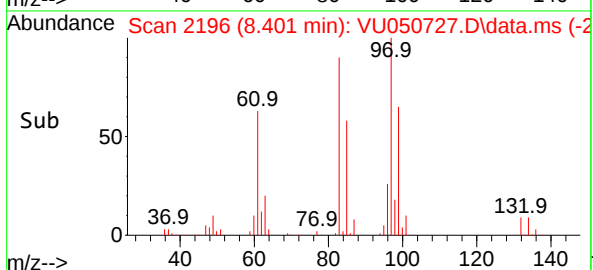
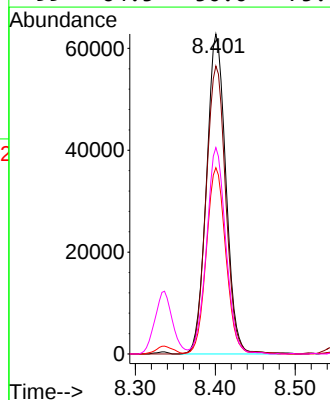
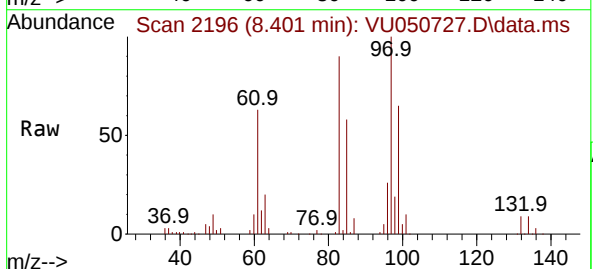
Manual Integrations  
 APPROVED

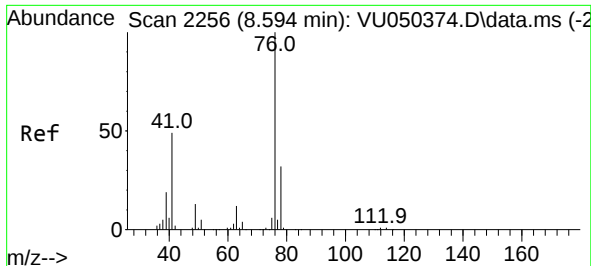
Reviewed By :Krupa Patel 09/19/2022  
 Supervised By :Mahesh Dadoda 09/21/2022



#52  
 1,1,2-Trichloroethane  
 Concen: 11.487 ug/l  
 RT: 8.401 min Scan# 2196  
 Delta R.T. -0.000 min  
 Lab File: VU050727.D  
 Acq: 16 Sep 2022 16:50

Tgt Ion: 97 Resp: 106165  
 Ion Ratio Lower Upper  
 97 100  
 83 90.0 70.6 106.0  
 85 58.2 46.2 69.4  
 99 64.5 50.0 75.0





#53

1,3-Dichloropropane

Concen: 11.986 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 174459

Ion Ratio Lower Upper

76 100

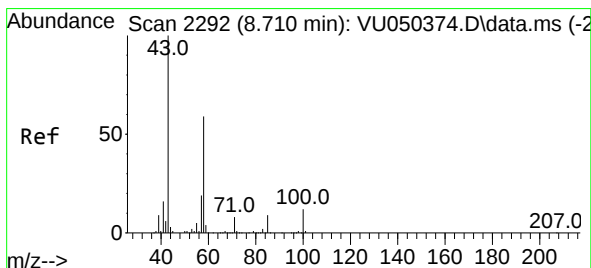
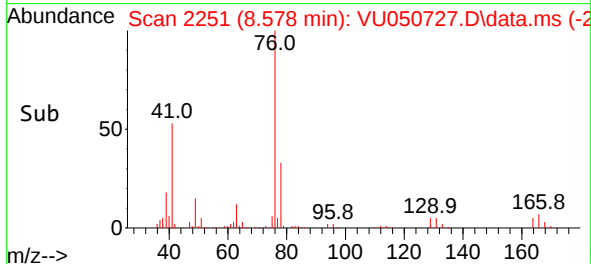
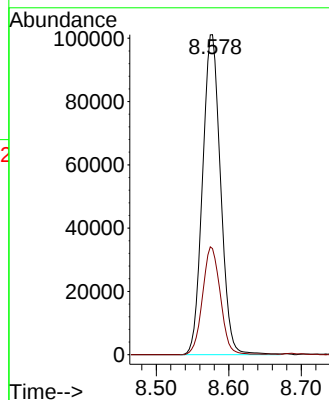
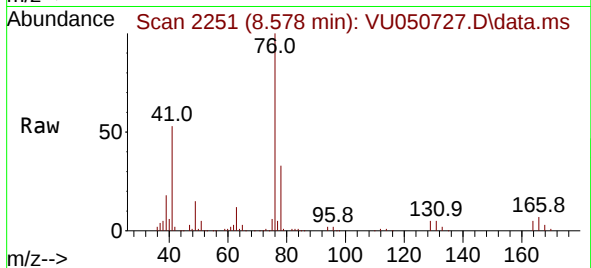
78 33.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#54

2-Hexanone

Concen: 79.562 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

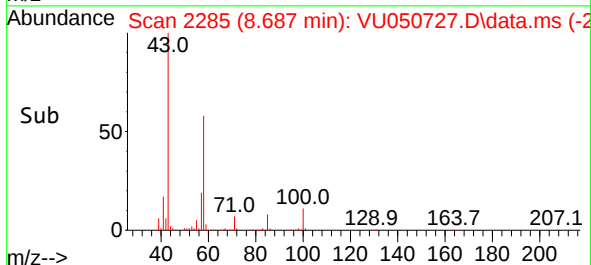
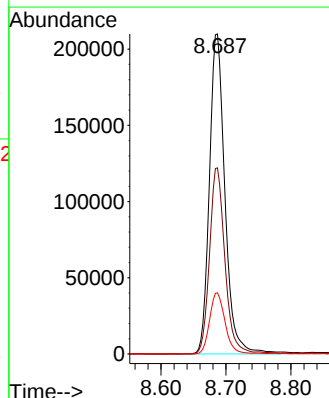
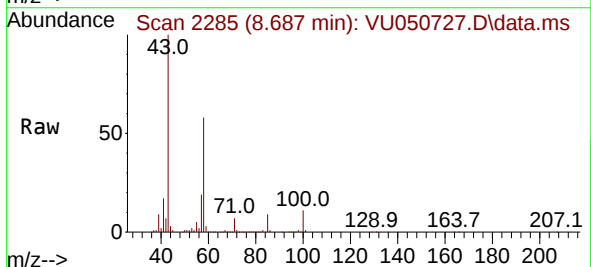
Tgt Ion: 43 Resp: 349747

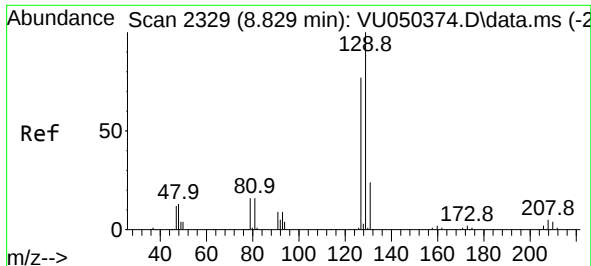
Ion Ratio Lower Upper

43 100

58 57.2 37.1 77.1

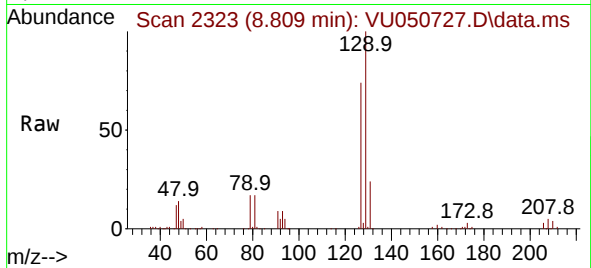
57 19.0 0.0 39.5





#55  
Dibromochloromethane  
Concen: 10.791 ug/l  
RT: 8.809 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

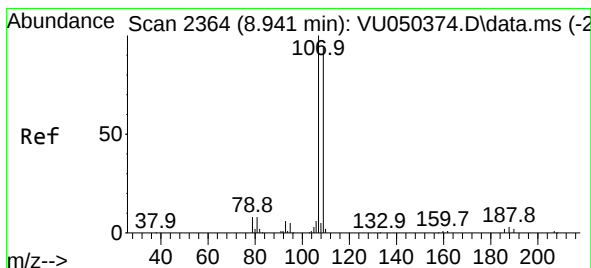
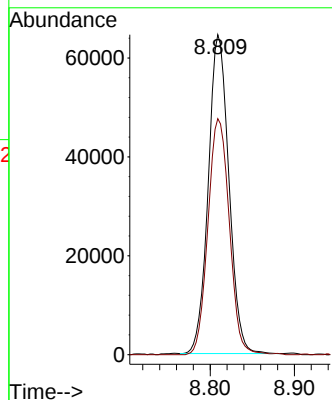
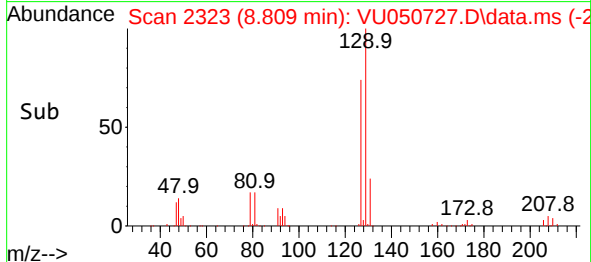
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



Tgt Ion:129 Resp: 10970  
Ion Ratio Lower Upper  
129 100  
127 76.6 61.2 91.8

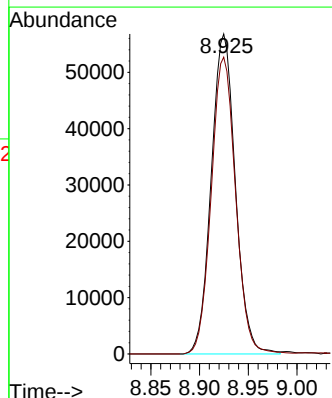
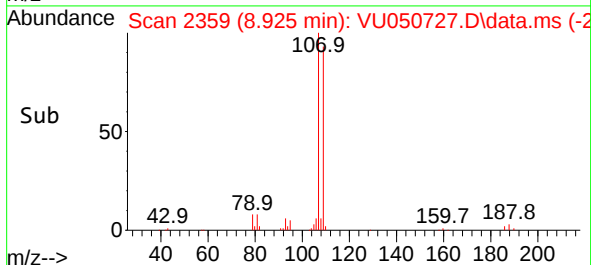
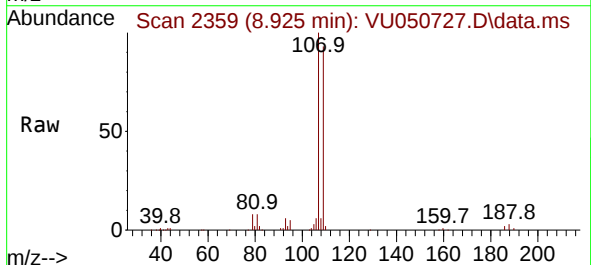
Manual Integrations  
APPROVED

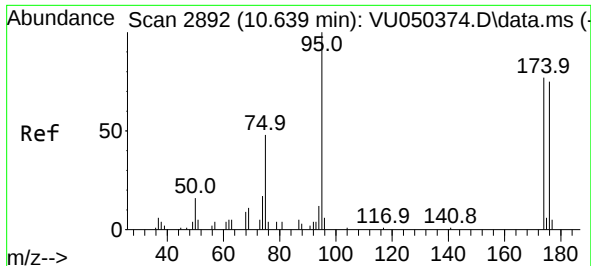
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#56  
1,2-Dibromoethane  
Concen: 11.768 ug/l  
RT: 8.925 min Scan# 2359  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

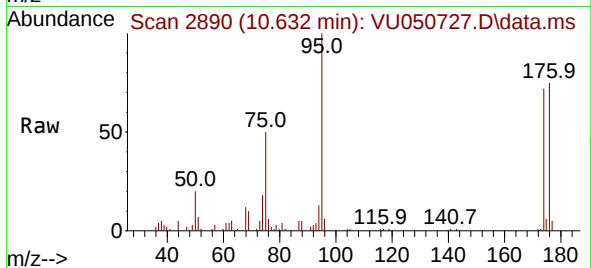
Tgt Ion:107 Resp: 97682  
Ion Ratio Lower Upper  
107 100  
109 93.5 0.0 187.2





#57  
4-Bromofluorobenzene  
Concen: 1.864 ug/l  
RT: 10.632 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

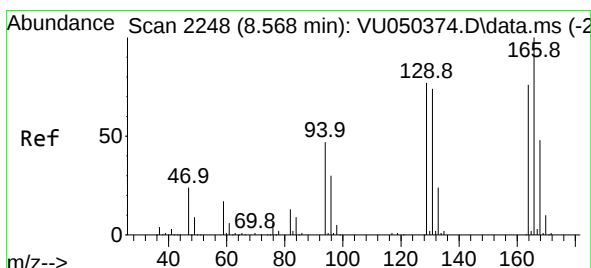
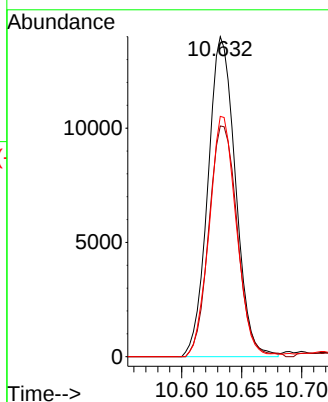
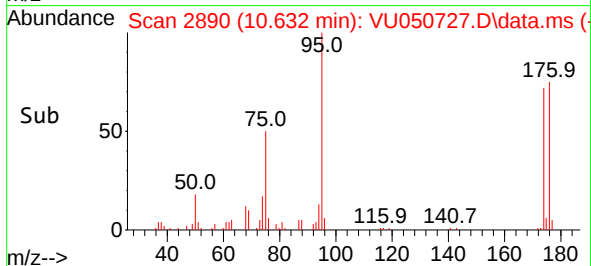
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



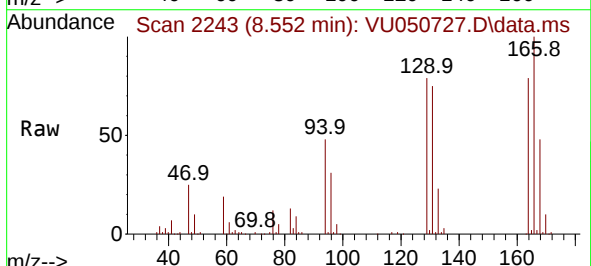
Tgt Ion: 95 Resp: 22350  
Ion Ratio Lower Upper  
95 100  
174 74.5 62.4 93.6  
176 74.2 56.2 84.2

Manual Integrations  
APPROVED

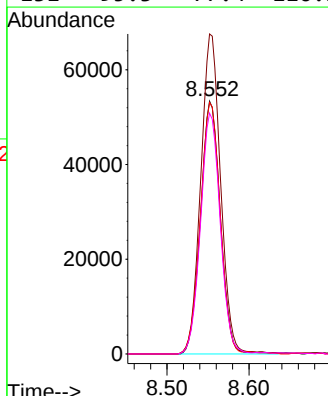
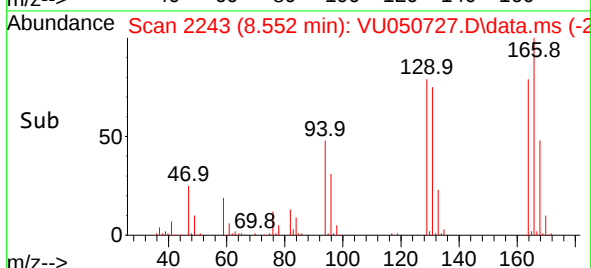
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022

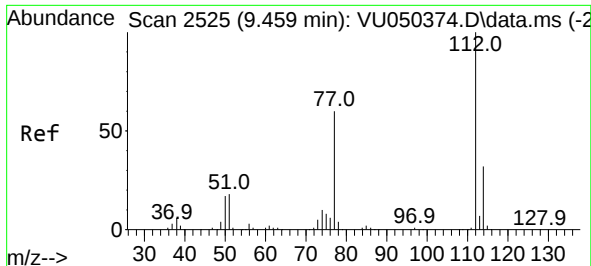


#58  
Tetrachloroethene  
Concen: 9.126 ug/l  
RT: 8.552 min Scan# 2243  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50



Tgt Ion:164 Resp: 89476  
Ion Ratio Lower Upper  
164 100  
166 126.6 102.4 153.6  
129 99.5 79.5 119.3  
131 95.3 77.4 116.2





#59

Chlorobenzene

Concen: 10.627 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 267778

Ion Ratio Lower Upper

112 100

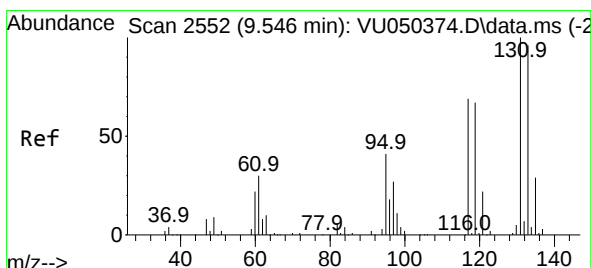
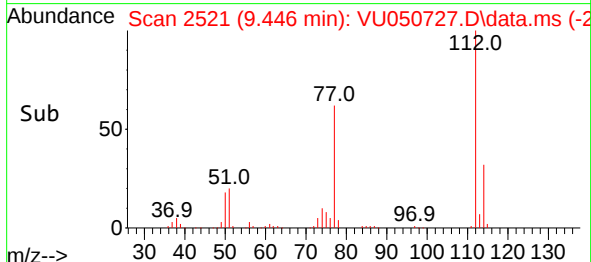
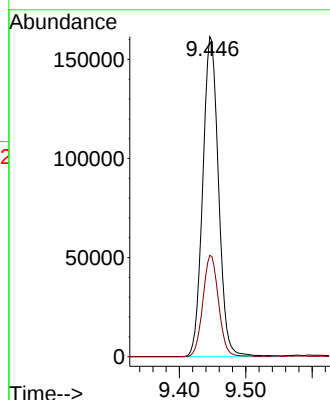
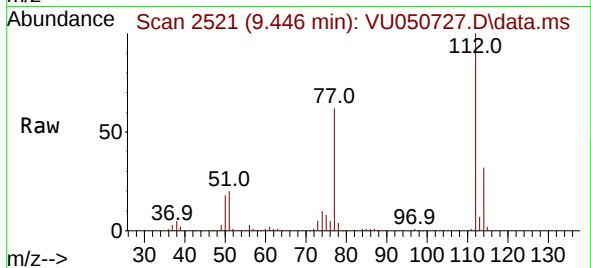
114 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 10.019 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

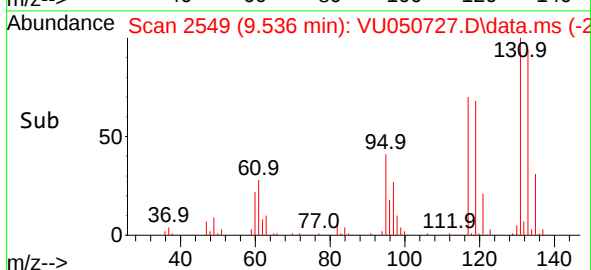
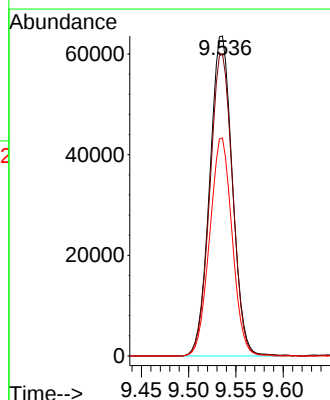
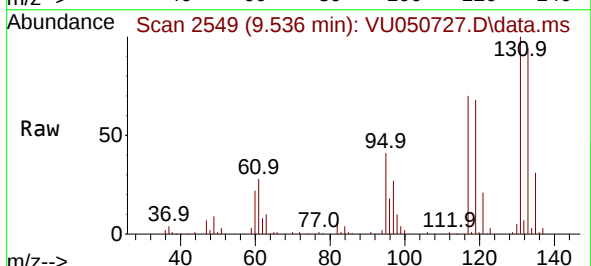
Tgt Ion:131 Resp: 106112

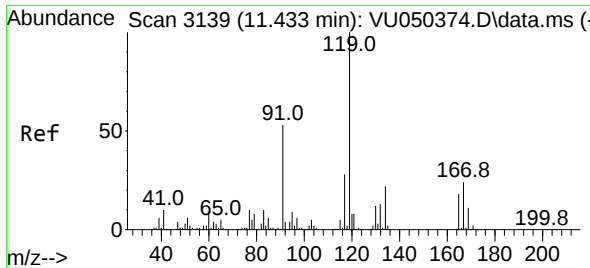
Ion Ratio Lower Upper

131 100

133 94.8 78.3 117.5

119 67.6 53.2 79.8





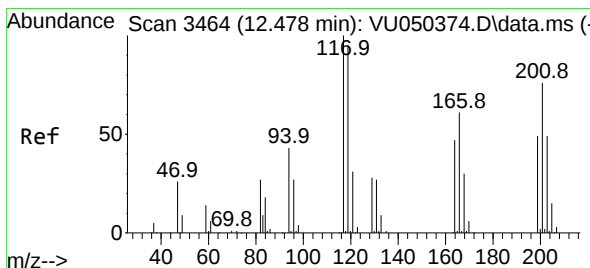
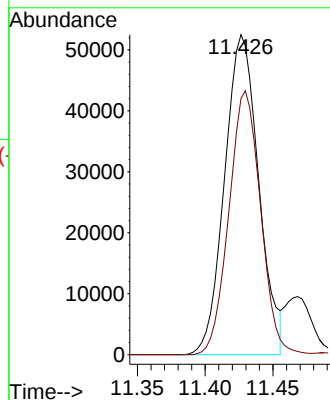
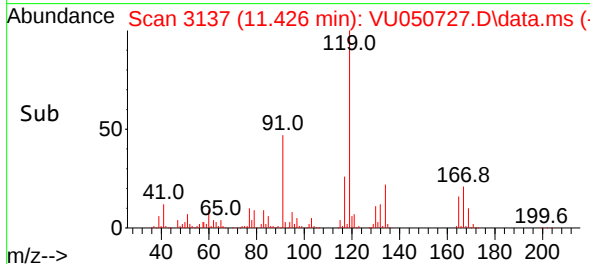
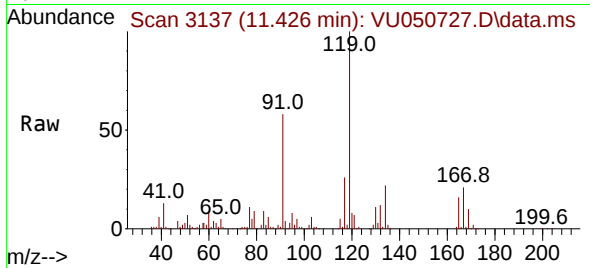
#61  
Pentachloroethane  
Concen: 10.429 ug/l  
RT: 11.426 min Scan# 3139  
Delta R.T. -0.003 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion:117 Resp: 9192  
Ion Ratio Lower Upper  
117 100  
167 76.6 66.2 99.4

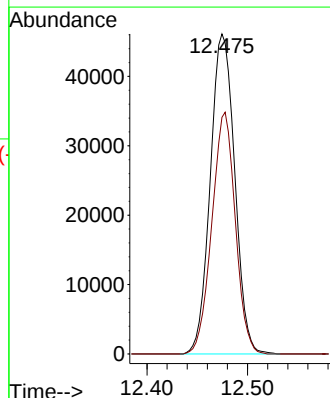
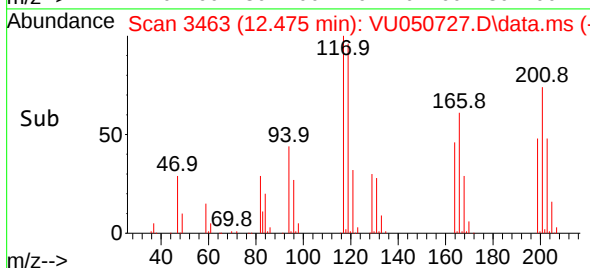
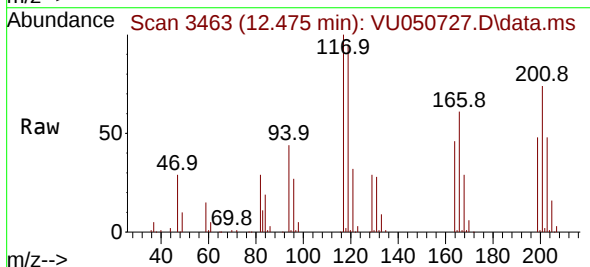
Manual Integrations  
APPROVED

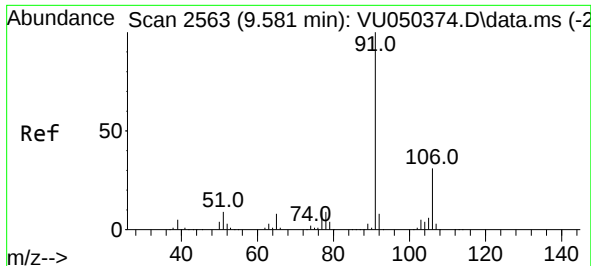
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#62  
Hexachloroethane  
Concen: 10.619 ug/l  
RT: 12.475 min Scan# 3463  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Tgt Ion:117 Resp: 77852  
Ion Ratio Lower Upper  
117 100  
201 72.5 61.0 91.4





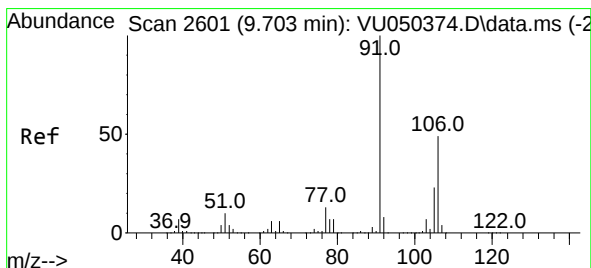
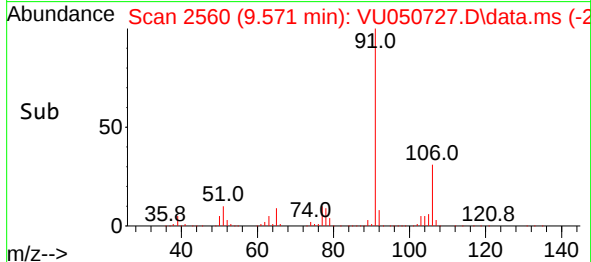
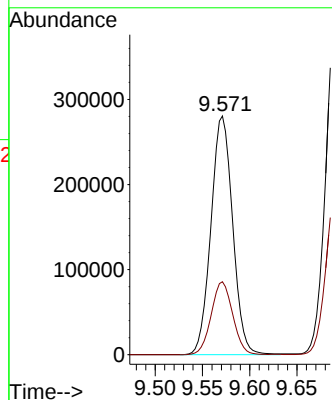
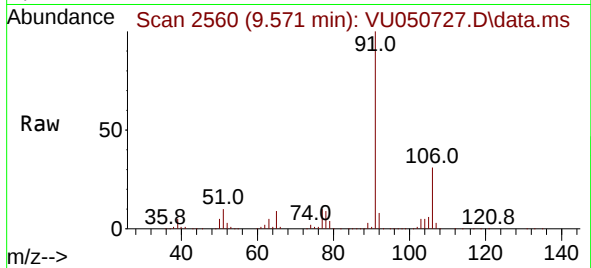
#63  
Ethyl Benzene  
Concen: 8.861 ug/l  
RT: 9.571 min Scan# 2563  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion: 91 Resp: 448250  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.4 36.6

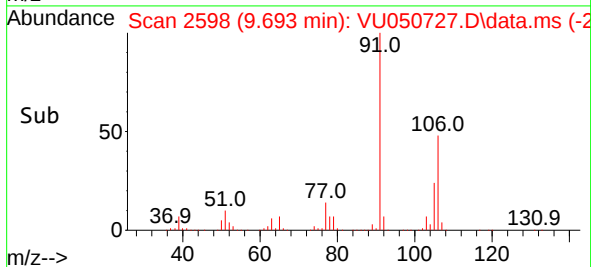
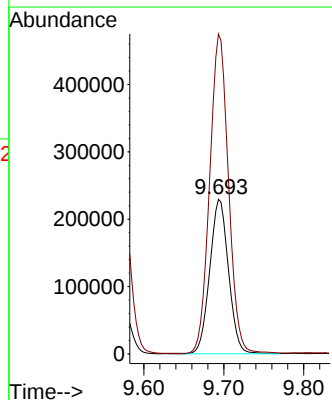
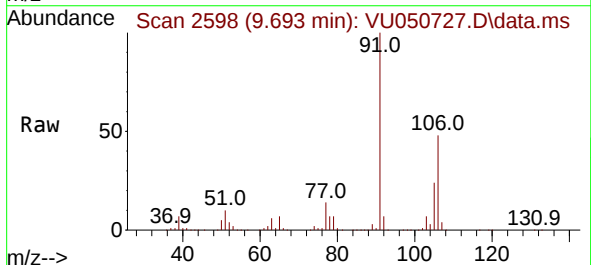
Manual Integrations  
APPROVED

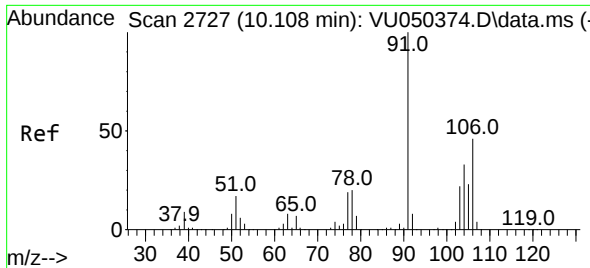
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#64  
m/p-Xylenes  
Concen: 18.524 ug/l  
RT: 9.693 min Scan# 2598  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

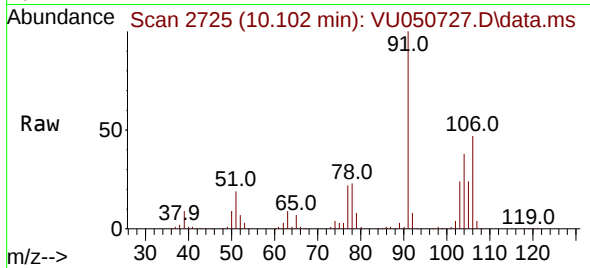
Tgt Ion:106 Resp: 373198  
Ion Ratio Lower Upper  
106 100  
91 207.1 167.8 251.6





#65  
o-Xylene  
Concen: 9.059 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

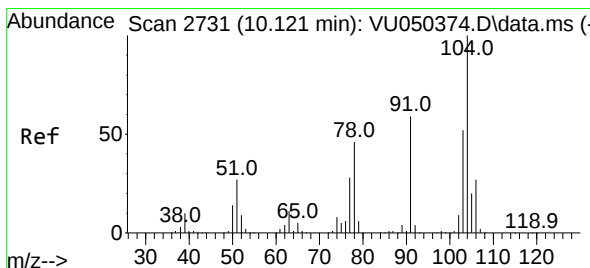
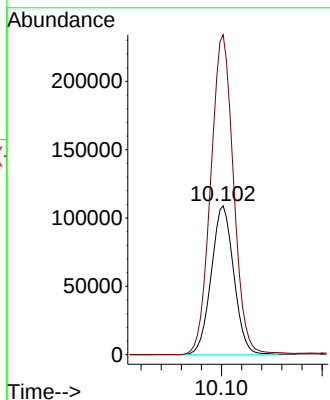
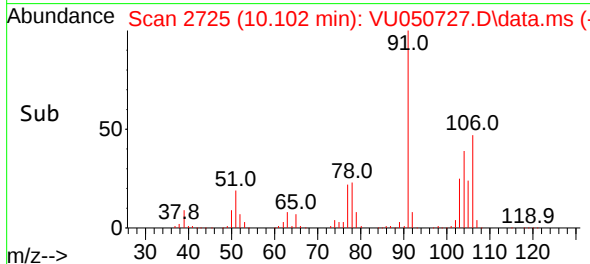
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



Tgt Ion:106 Resp: 16975  
Ion Ratio Lower Upper  
106 100  
91 218.3 111.1 333.2

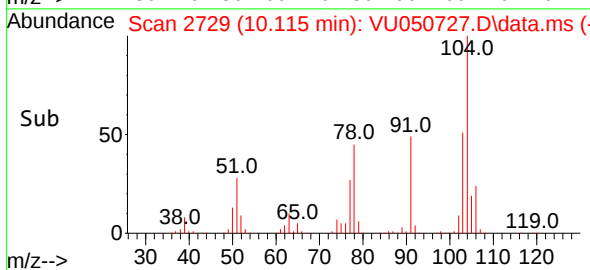
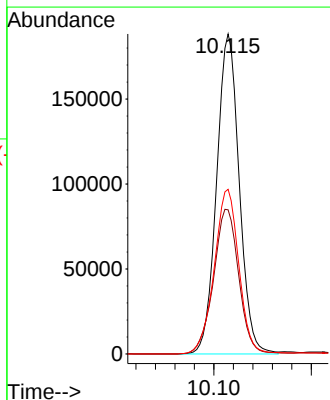
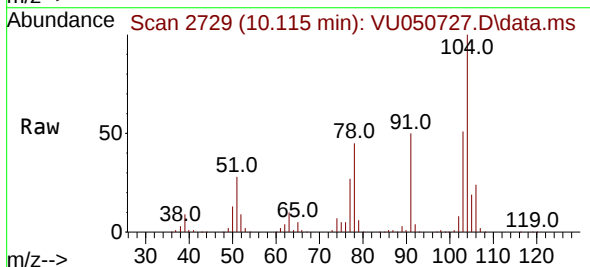
Manual Integrations  
APPROVED

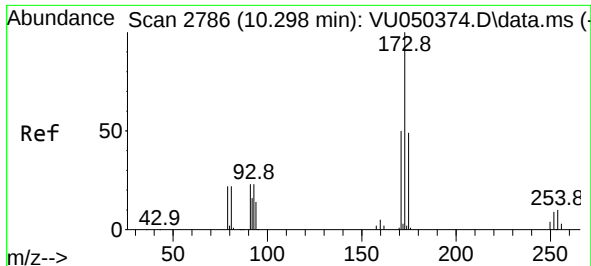
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#66  
Styrene  
Concen: 9.097 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

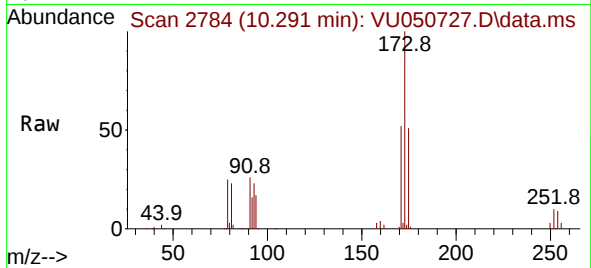
Tgt Ion:104 Resp: 303583  
Ion Ratio Lower Upper  
104 100  
78 50.6 42.1 63.1  
103 56.0 44.5 66.7





#67  
Bromoform  
Concen: 11.803 ug/l  
RT: 10.291 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

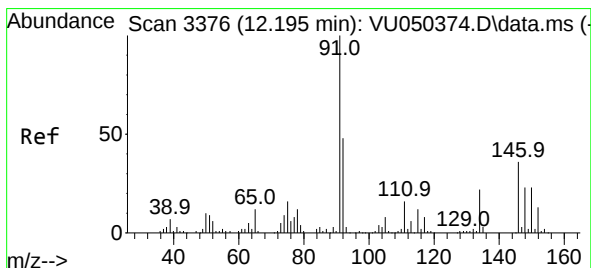
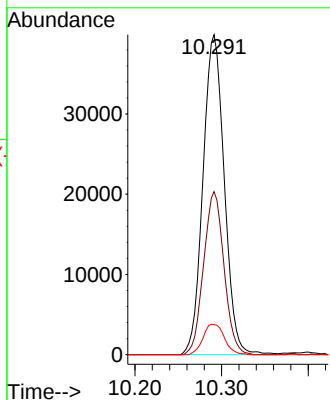
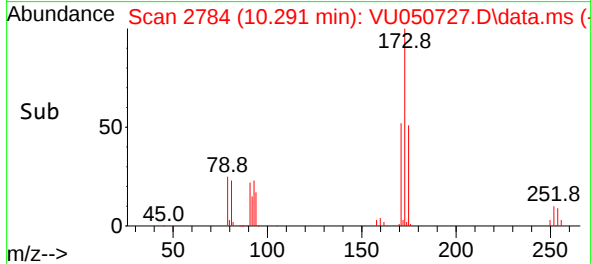
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



Tgt Ion:173 Resp: 6814  
Ion Ratio Lower Upper  
173 100  
175 48.7 38.4 57.6  
254 9.5 7.7 11.5

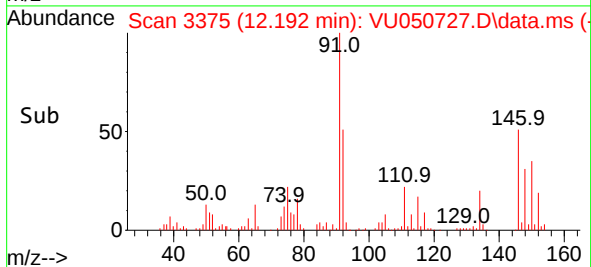
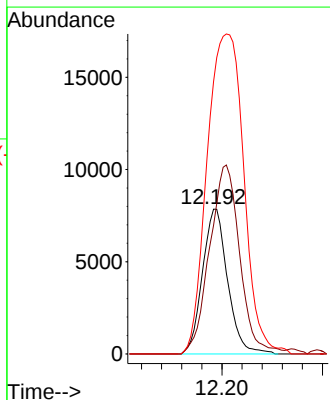
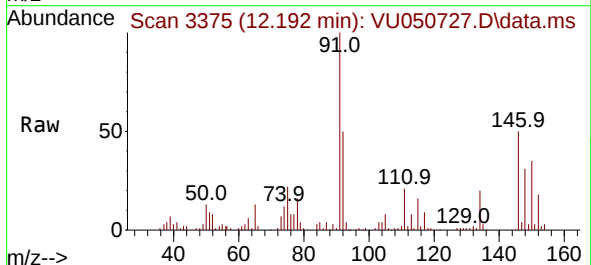
Manual Integrations  
APPROVED

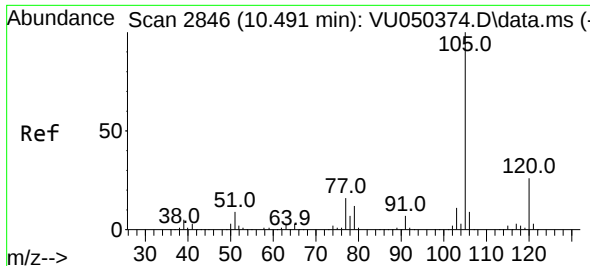
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#68  
1,2-Dichlorobenzene-d4  
Concen: 0.961 ug/l  
RT: 12.192 min Scan# 3375  
Delta R.T. -0.003 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Tgt Ion:152 Resp: 13624  
Ion Ratio Lower Upper  
152 100  
115 156.3 0.0 254.6  
150 322.5 0.0 623.6





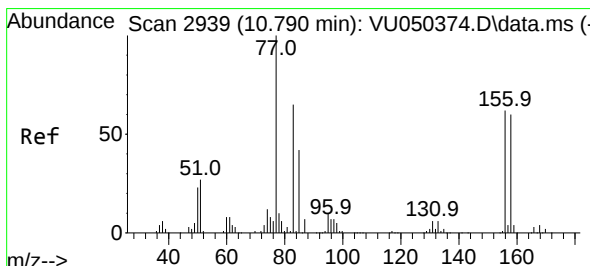
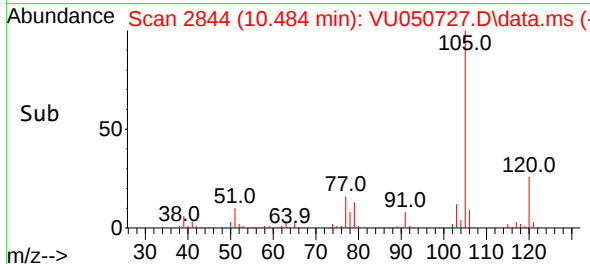
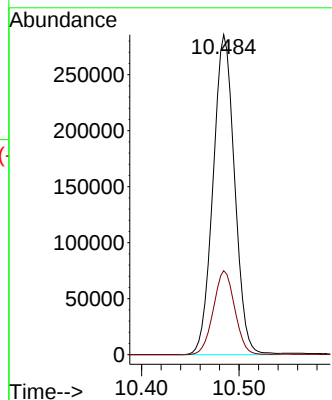
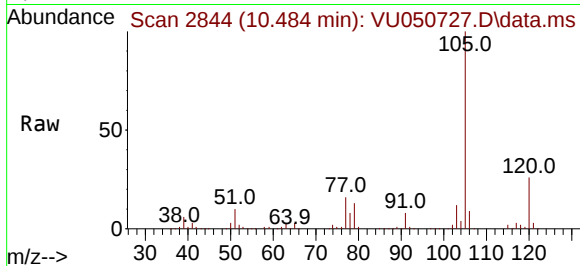
#69  
Isopropylbenzene  
Concen: 8.889 ug/l  
RT: 10.484 min Scan# 2844  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion:105 Resp: 43944  
Ion Ratio Lower Upper  
105 100  
120 26.0 12.6 37.8

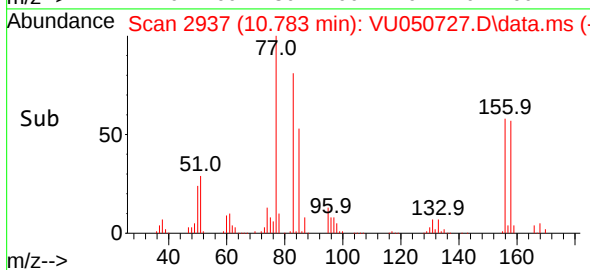
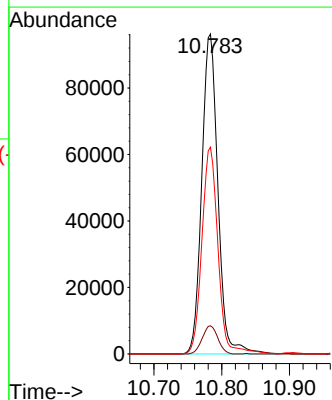
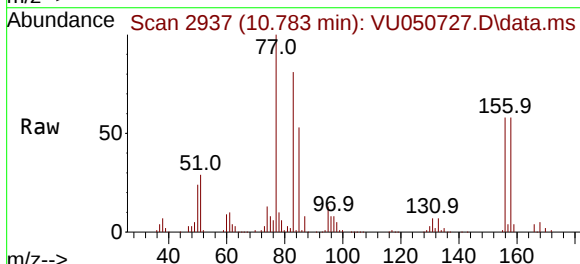
Manual Integrations  
APPROVED

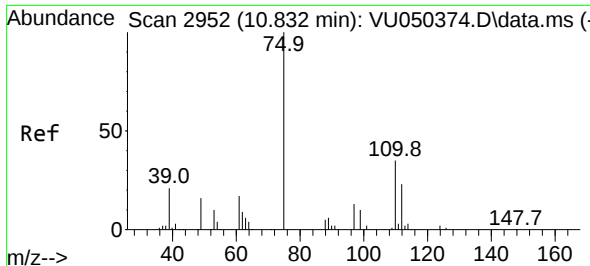
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#70  
1,1,2,2-Tetrachloroethane  
Concen: 12.508 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

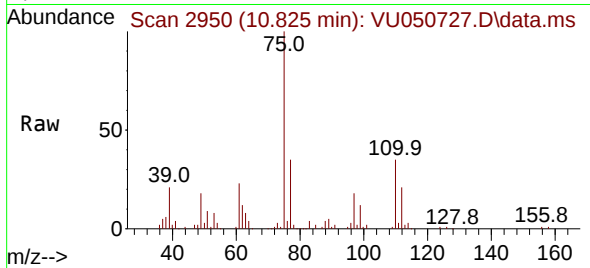
Tgt Ion: 83 Resp: 159090  
Ion Ratio Lower Upper  
83 100  
131 8.5 7.7 11.5  
85 64.3 51.2 76.8





#71  
1,2,3-Trichloropropane  
Concen: 11.942 ug/l m  
RT: 10.825 min Scan# 2950  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

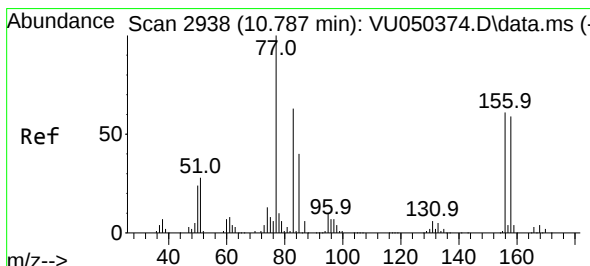
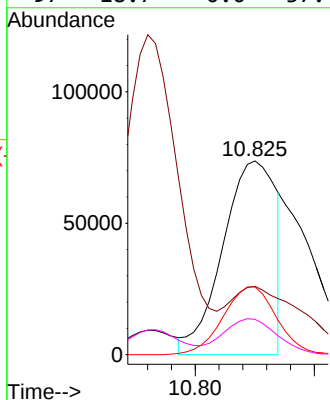
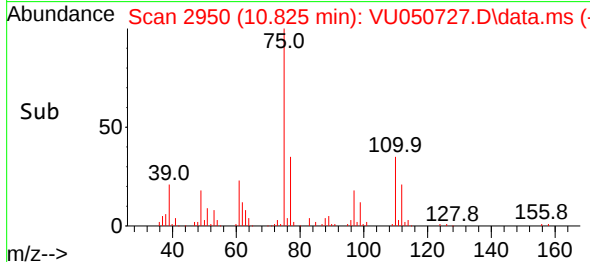
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



Tgt Ion: 75 Resp: 114227  
Ion Ratio Lower Upper  
75 100  
77 50.0 0.0 112.4  
110 35.6 0.0 70.6  
97 18.7 0.0 37.4

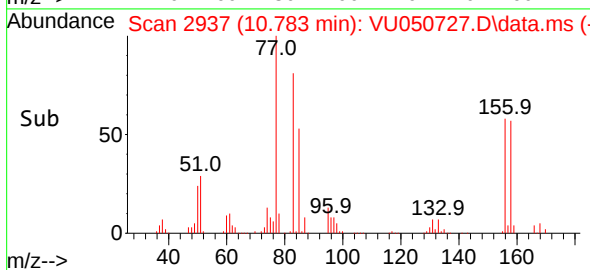
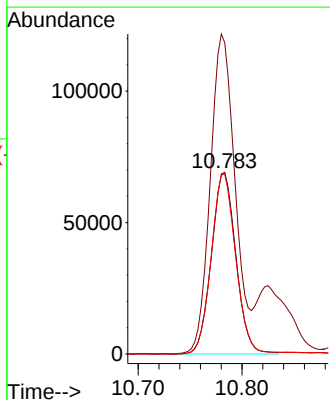
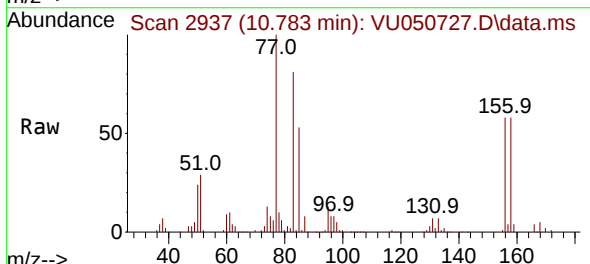
Manual Integrations  
APPROVED

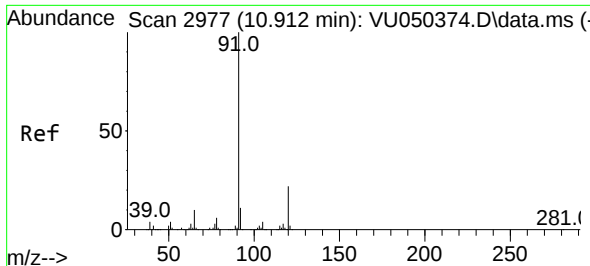
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#72  
Bromobenzene  
Concen: 10.373 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

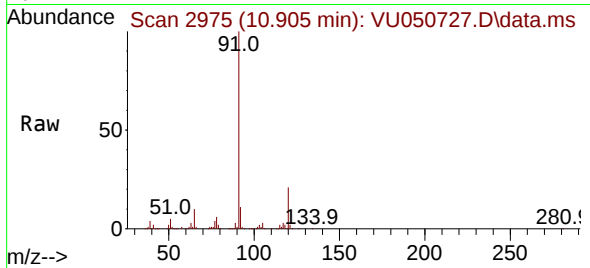
Tgt Ion:156 Resp: 112846  
Ion Ratio Lower Upper  
156 100  
77 178.3 0.0 344.4  
158 99.3 0.0 192.2





#73  
n-propylbenzene  
Concen: 8.671 ug/l  
RT: 10.905 min Scan# 2975  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

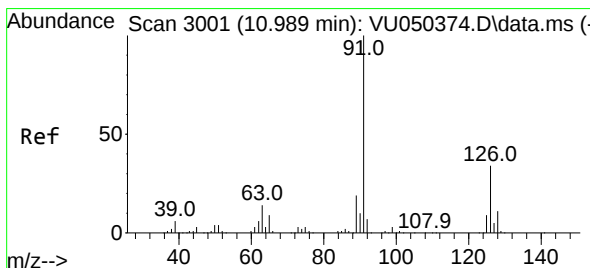
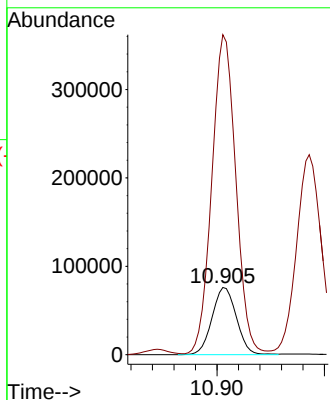
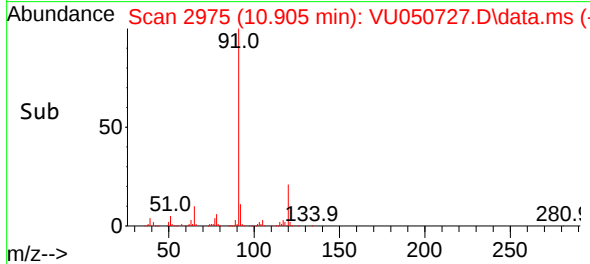
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



Tgt Ion:120 Resp: 119439  
Ion Ratio Lower Upper  
120 100  
91 467.1 367.8 551.6

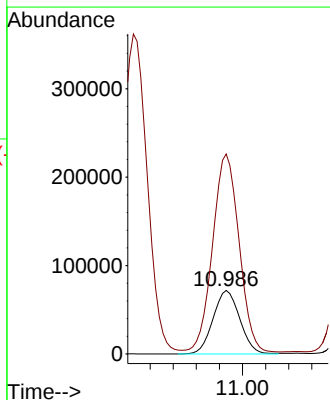
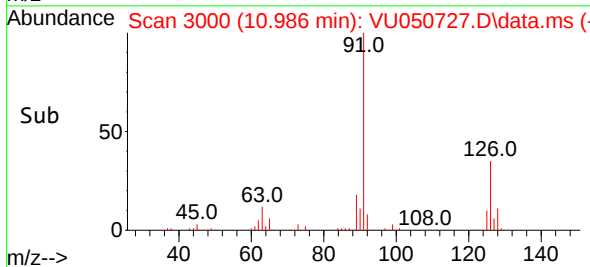
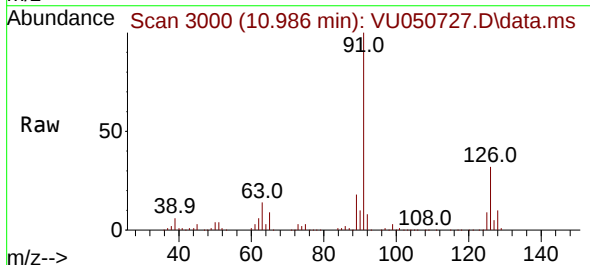
Manual Integrations  
APPROVED

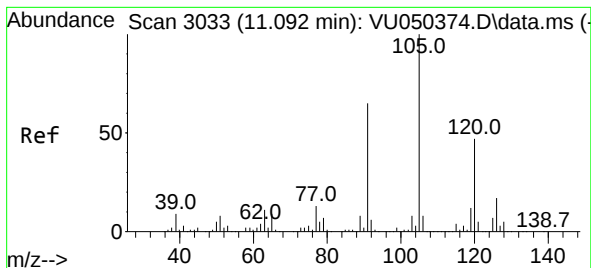
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#74  
2-Chlorotoluene  
Concen: 9.184 ug/l  
RT: 10.986 min Scan# 3000  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Tgt Ion:126 Resp: 115253  
Ion Ratio Lower Upper  
126 100  
91 309.5 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 9.023 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 399530

Ion Ratio Lower Upper

105 100

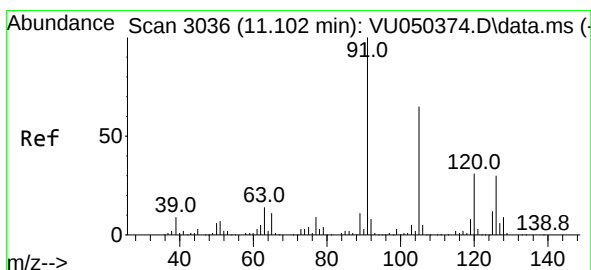
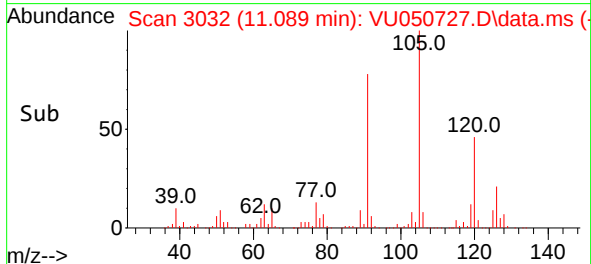
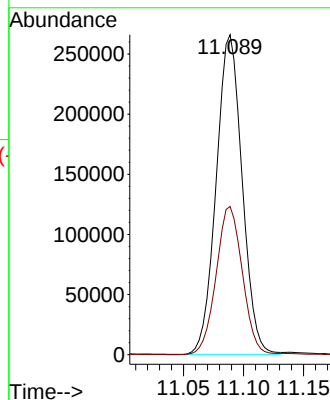
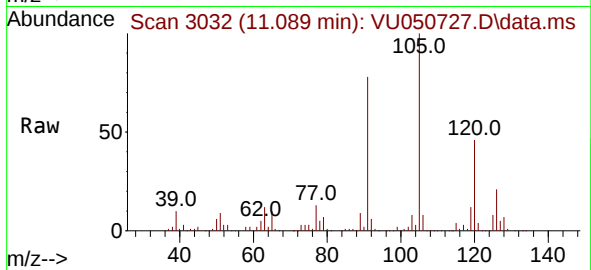
120 47.3 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#76

4-Chlorotoluene

Concen: 9.166 ug/l

RT: 11.098 min Scan# 3035

Delta R.T. -0.000 min

Lab File: VU050727.D

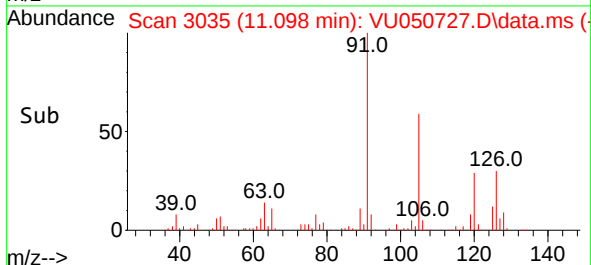
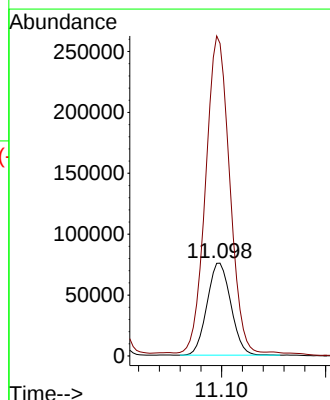
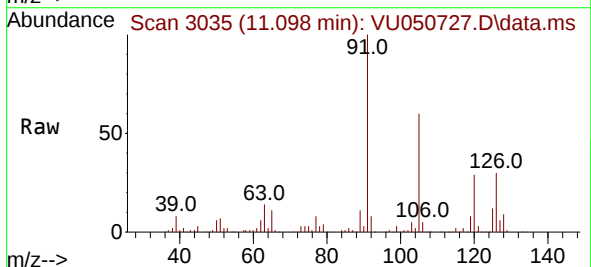
Acq: 16 Sep 2022 16:50

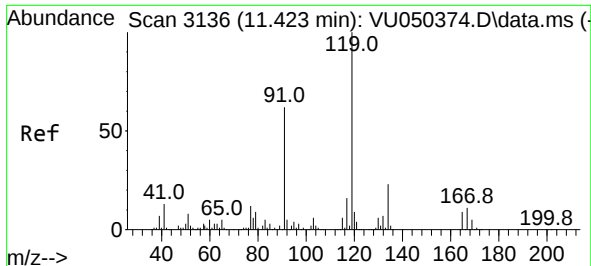
Tgt Ion:126 Resp: 119962

Ion Ratio Lower Upper

126 100

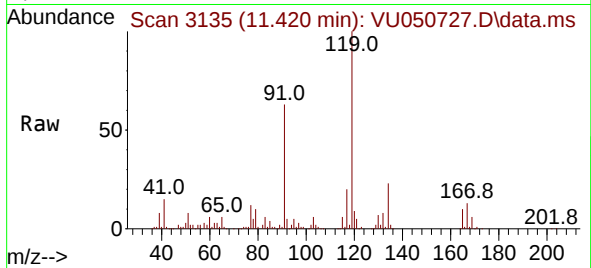
91 358.7 0.0 738.8





#77  
tert-Butylbenzene  
Concen: 8.802 ug/l  
RT: 11.420 min Scan# 3135  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

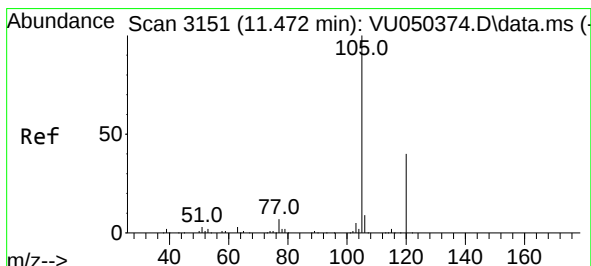
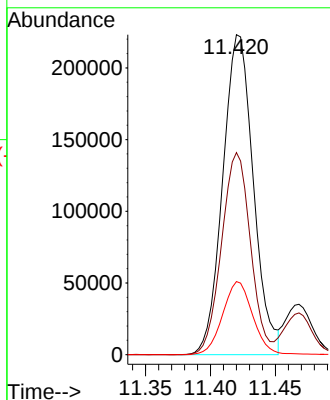
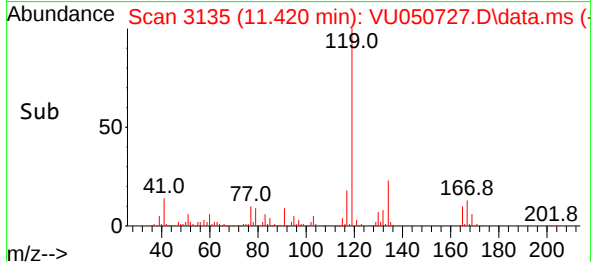
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



Tgt Ion:119 Resp: 366542  
Ion Ratio Lower Upper  
119 100  
91 59.9 30.4 91.3  
134 22.6 17.8 26.6

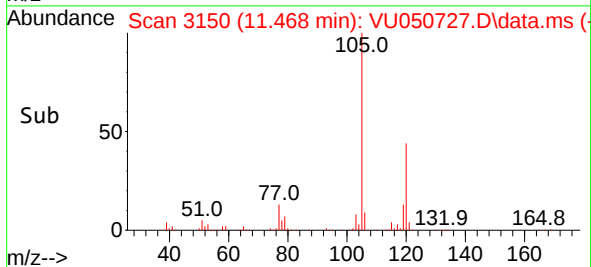
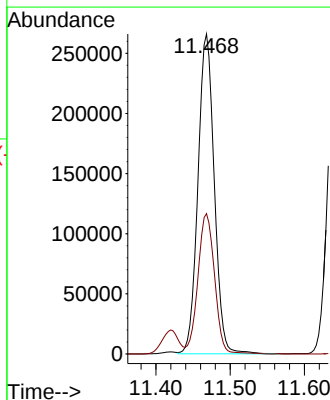
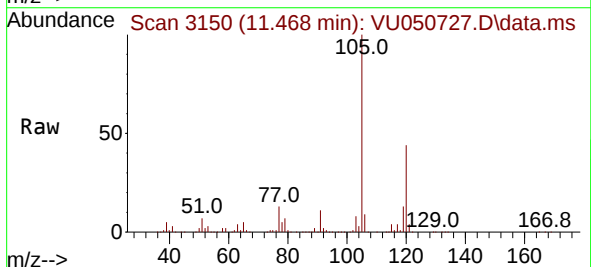
Manual Integrations  
APPROVED

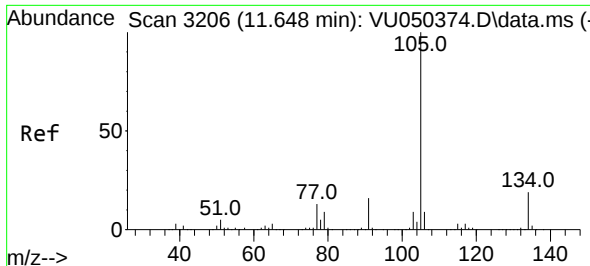
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#78  
1,2,4-Trimethylbenzene  
Concen: 8.772 ug/l  
RT: 11.468 min Scan# 3150  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Tgt Ion:105 Resp: 405254  
Ion Ratio Lower Upper  
105 100  
120 44.8 21.6 65.0





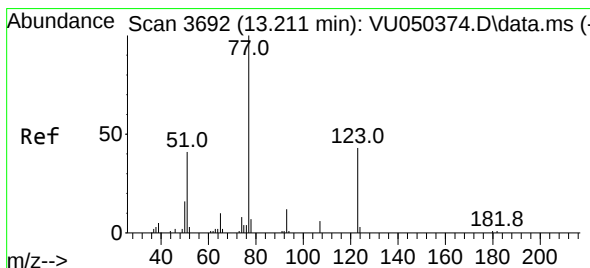
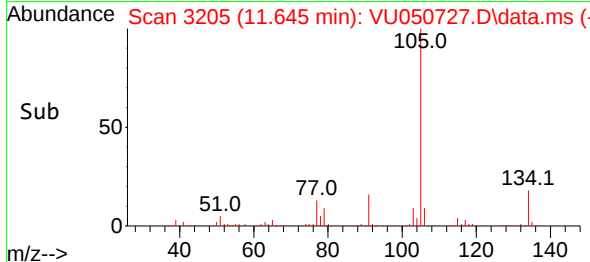
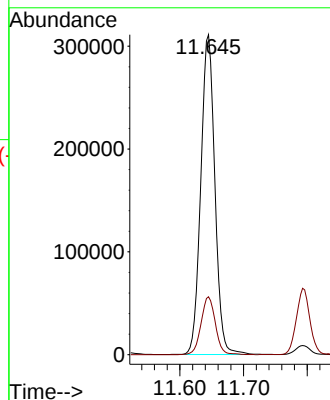
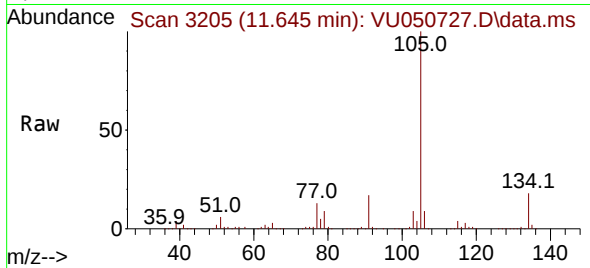
#79  
 sec-Butylbenzene  
 Concen: 8.433 ug/l  
 RT: 11.645 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VU050727.D  
 Acq: 16 Sep 2022 16:50

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010EC

Tgt Ion:105 Resp: 478890  
 Ion Ratio Lower Upper  
 105 100  
 134 18.4 15.4 23.0

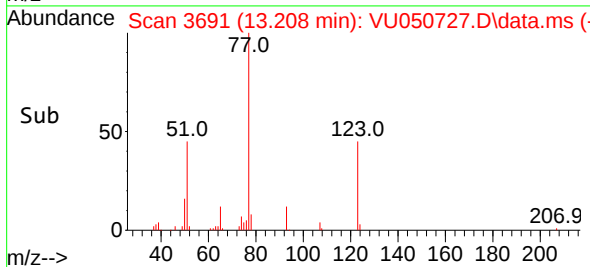
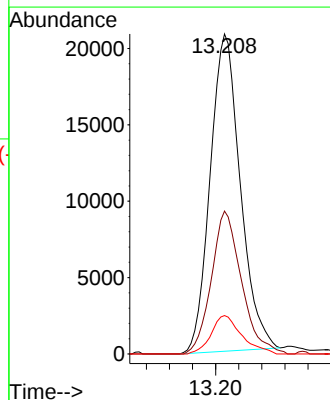
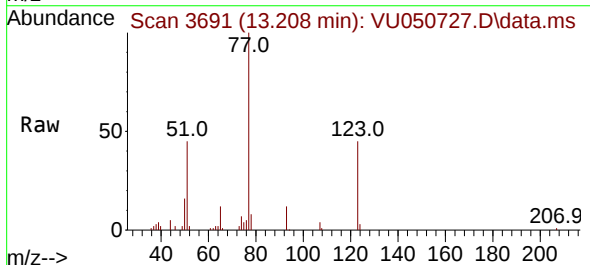
Manual Integrations  
 APPROVED

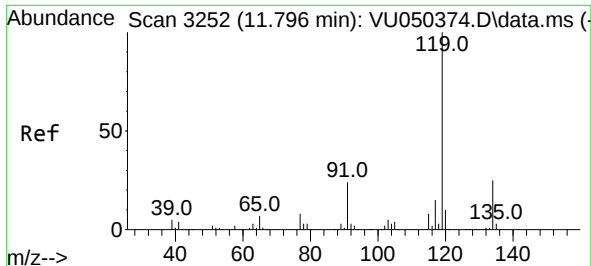
Reviewed By :Krupa Patel 09/19/2022  
 Supervised By :Mahesh Dadoda 09/21/2022



#80  
 Nitrobenzene  
 Concen: 54.544 ug/l  
 RT: 13.208 min Scan# 3691  
 Delta R.T. -0.000 min  
 Lab File: VU050727.D  
 Acq: 16 Sep 2022 16:50

Tgt Ion: 77 Resp: 37636  
 Ion Ratio Lower Upper  
 77 100  
 123 44.9 18.1 64.3  
 65 12.3 10.8 13.8





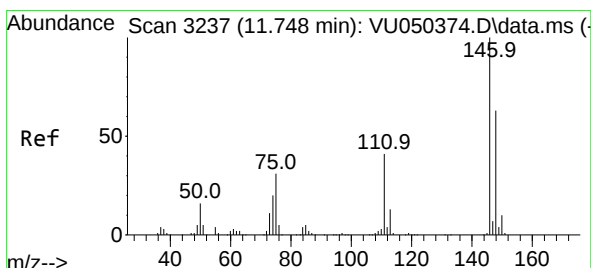
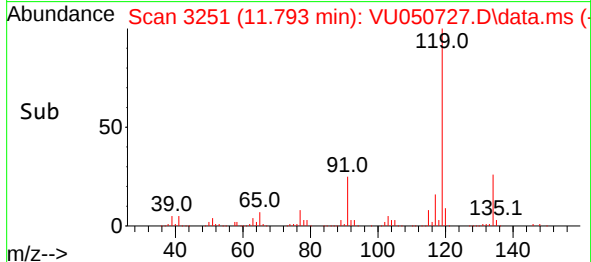
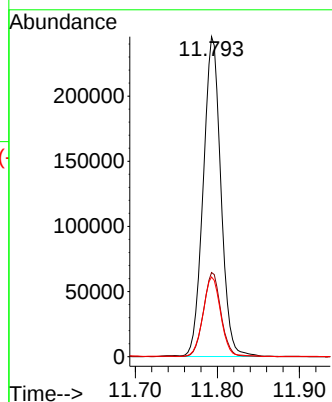
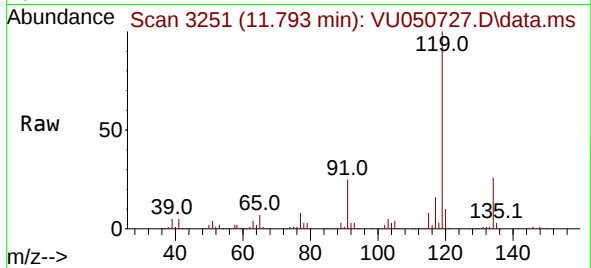
#81  
p-Isopropyltoluene  
Concen: 7.941 ug/l  
RT: 11.793 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion:119 Resp: 36619  
Ion Ratio Lower Upper  
119 100  
134 25.9 20.5 30.7  
91 25.3 19.8 29.6

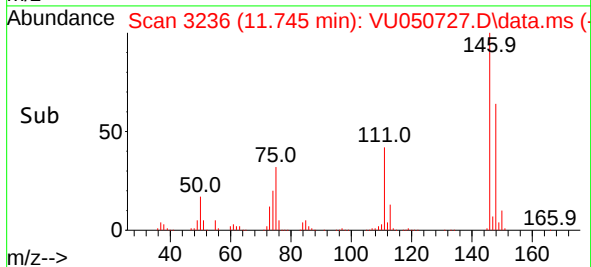
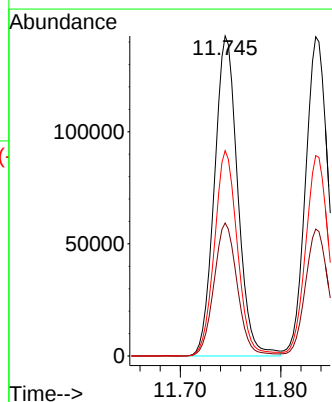
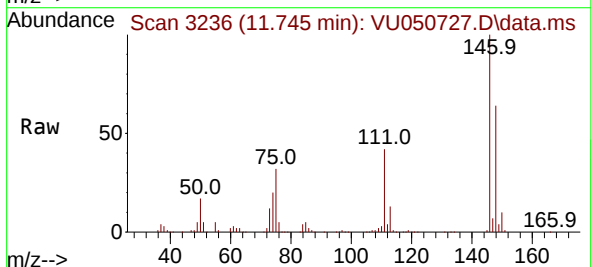
Manual Integrations  
APPROVED

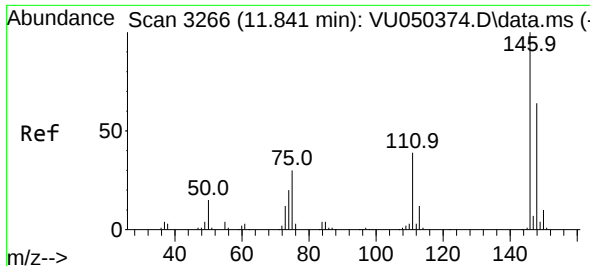
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#82  
1,3-Dichlorobenzene  
Concen: 10.257 ug/l  
RT: 11.745 min Scan# 3236  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

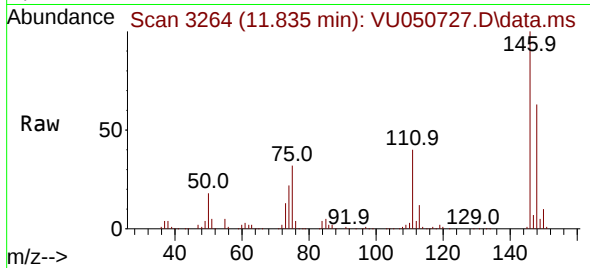
Tgt Ion:146 Resp: 229767  
Ion Ratio Lower Upper  
146 100  
111 41.7 33.4 50.2  
148 63.7 51.2 76.8





#83  
1,4-Dichlorobenzene  
Concen: 10.313 ug/l  
RT: 11.835 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

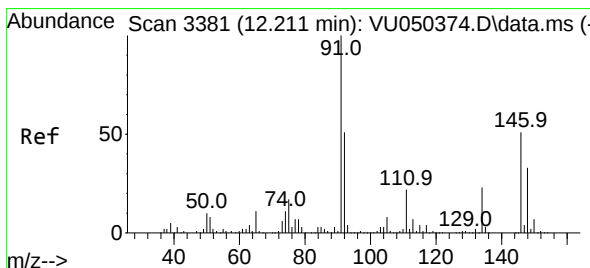
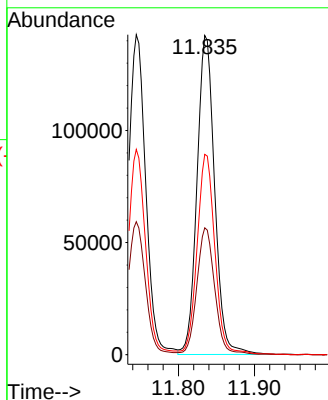
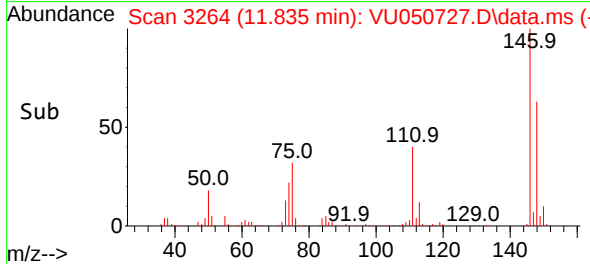
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



Tgt Ion:146 Resp: 229659  
Ion Ratio Lower Upper  
146 100  
111 39.8 32.6 49.0  
148 62.6 51.6 77.4

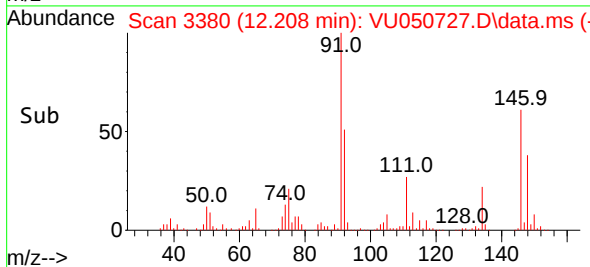
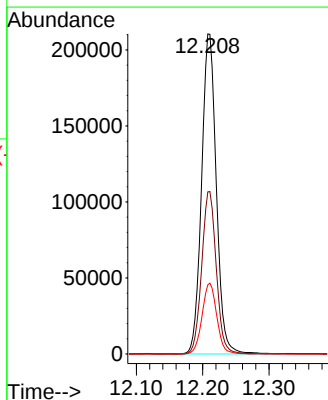
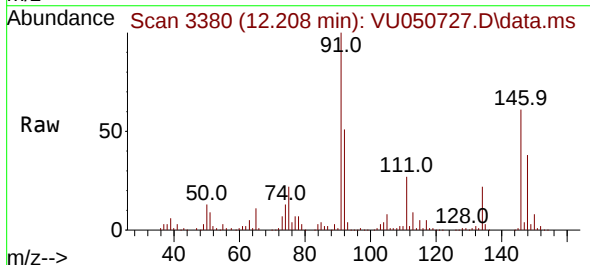
Manual Integrations  
APPROVED

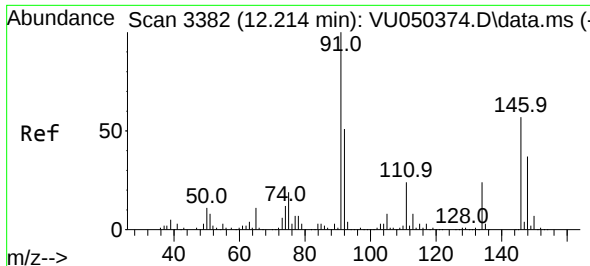
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#84  
n-Butylbenzene  
Concen: 7.714 ug/l  
RT: 12.208 min Scan# 3380  
Delta R.T. -0.003 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

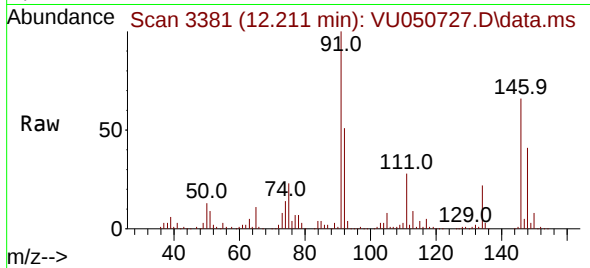
Tgt Ion: 91 Resp: 324871  
Ion Ratio Lower Upper  
91 100  
92 50.2 42.3 63.5  
134 22.0 19.6 29.4





#85  
1,2-Dichlorobenzene  
Concen: 10.364 ug/l  
RT: 12.211 min Scan# 3381  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

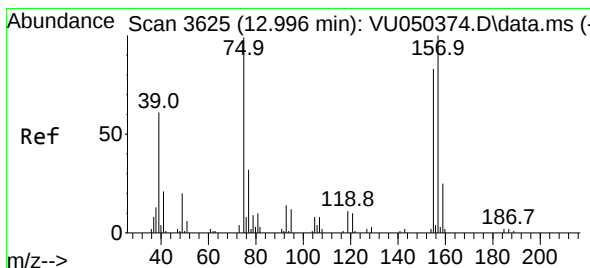
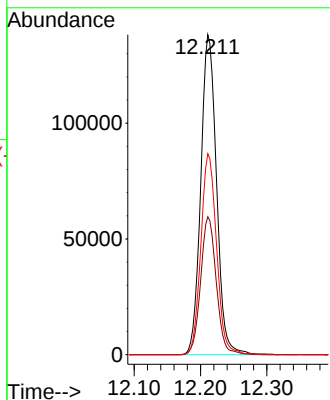
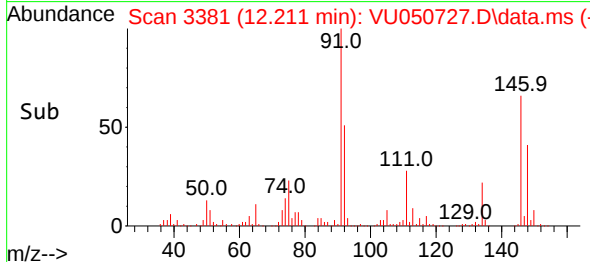
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



Tgt Ion:146 Resp: 228214  
Ion Ratio Lower Upper  
146 100  
111 42.7 22.1 66.1  
148 62.8 32.1 96.3

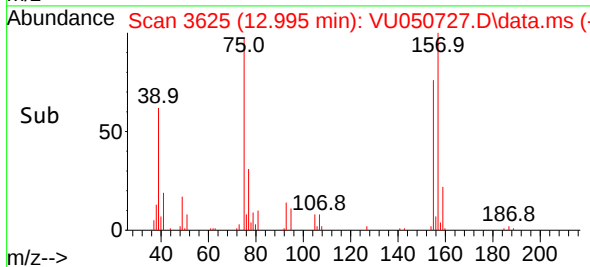
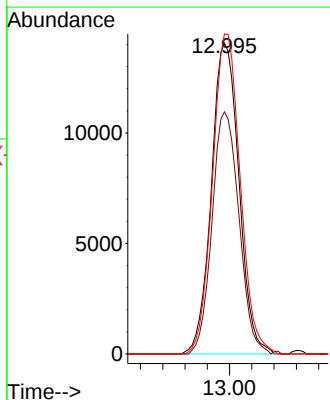
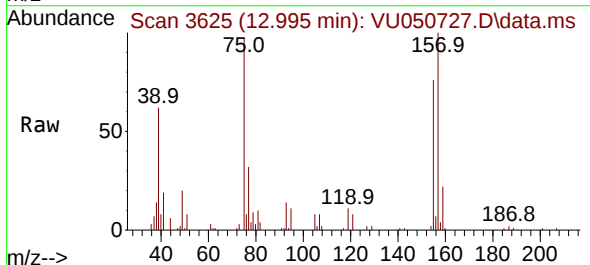
Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 12.050 ug/l  
RT: 12.995 min Scan# 3625  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

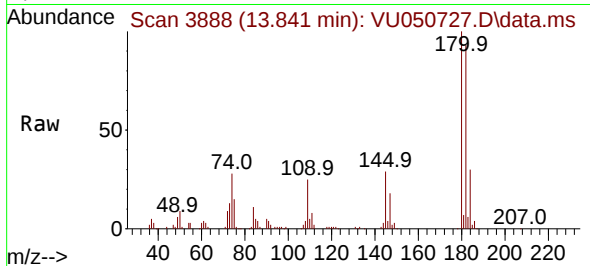
Tgt Ion: 75 Resp: 24186  
Ion Ratio Lower Upper  
75 100  
155 76.1 66.8 100.2  
157 103.4 83.8 125.8





#87  
1,2,4-Trichlorobenzene  
Concen: 9.498 ug/l  
RT: 13.841 min Scan# 3888  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

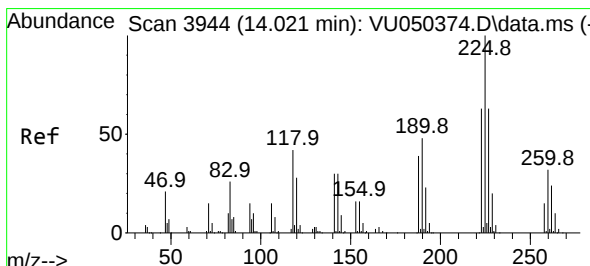
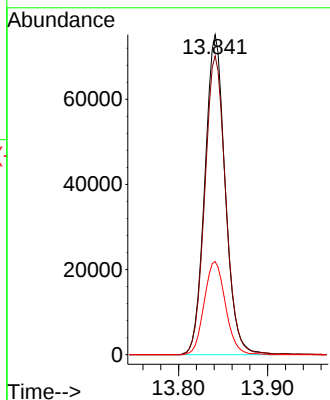
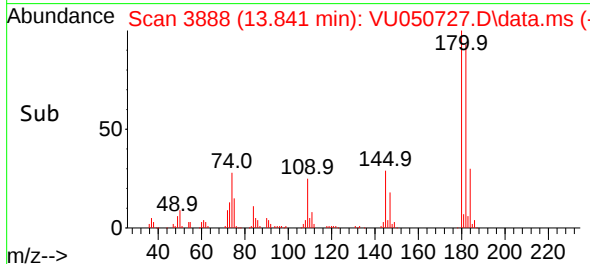
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC



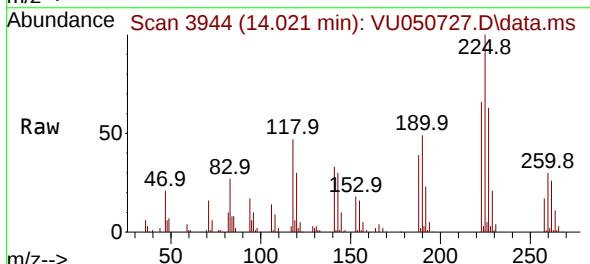
Tgt Ion:180 Resp: 119334  
Ion Ratio Lower Upper  
180 100  
182 95.6 77.0 115.6  
145 30.4 25.7 38.5

Manual Integrations  
APPROVED

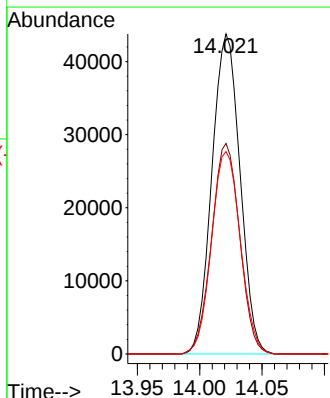
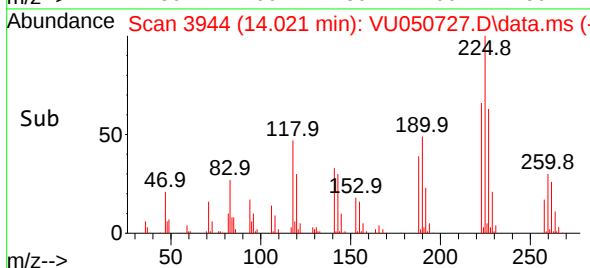
Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022

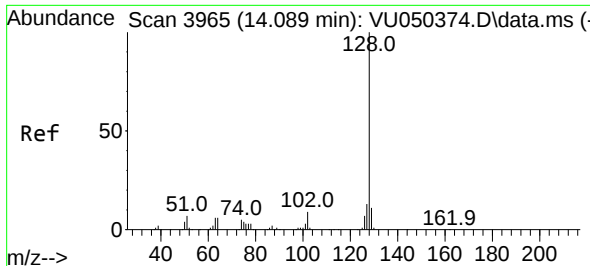


#88  
Hexachlorobutadiene  
Concen: 8.410 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50



Tgt Ion:225 Resp: 68767  
Ion Ratio Lower Upper  
225 100  
223 65.6 50.6 76.0  
227 64.8 50.7 76.1





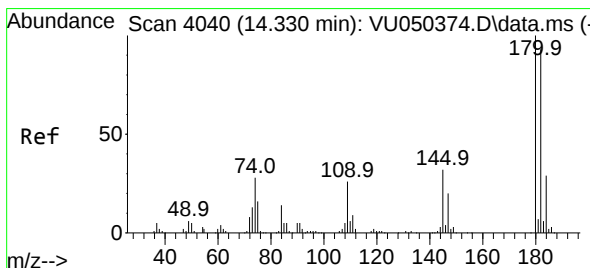
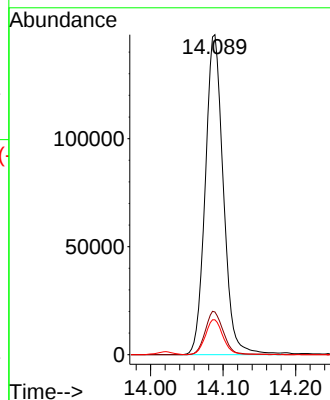
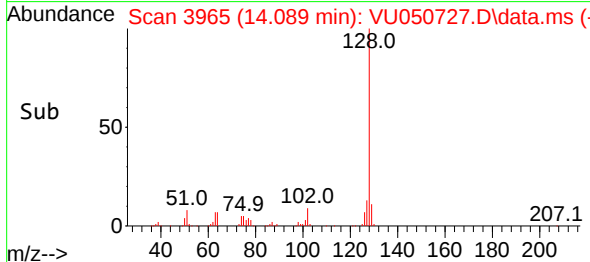
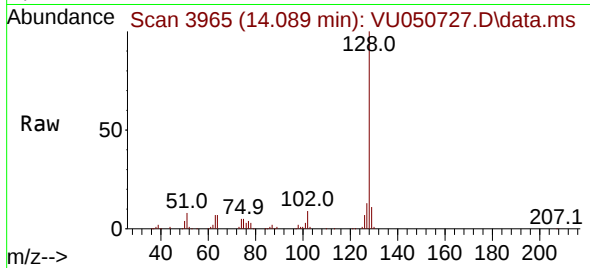
#89  
Naphthalene  
Concen: 7.778 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion:128 Resp: 25692  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.1 15.1  
129 10.7 8.6 12.8

Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 09/19/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#90  
1,2,3-Trichlorobenzene  
Concen: 8.160 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. -0.000 min  
Lab File: VU050727.D  
Acq: 16 Sep 2022 16:50

Tgt Ion:180 Resp: 130905  
Ion Ratio Lower Upper  
180 100  
182 95.0 76.6 114.8  
145 32.1 27.3 40.9

