

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU033023\  
 Data File : VU053480.D  
 Acq On : 30 Mar 2023 11:48  
 Operator : JC/MD  
 Sample : VU0330WBS01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0330WBS01

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 04/07/2023  
 Supervised By :Mahesh Dadoda 04/07/2023

Quant Time: Mar 30 16:06:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U032923DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Mar 30 13:33:10 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Fluorobenzene             | 6.108  | 96   | 41694    | 1.000  | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 57) 4-Bromofluorobenzene     | 10.629 | 95   | 13626    | 0.905  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 91.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.189 | 152  | 12756    | 0.844  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 84.000% |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85   | 28699    | 1.904  | ug/l    | 98       |
| 3) Chloromethane             | 1.520  | 50   | 29473    | 1.919  | ug/l    | 100      |
| 4) Vinyl Chloride            | 1.604  | 62   | 30950    | 1.908  | ug/l    | 92       |
| 5) Bromomethane              | 1.858  | 94   | 23318    | 1.687  | ug/l    | 99       |
| 6) Chloroethane              | 1.935  | 64   | 18923    | 1.824  | ug/l    | 98       |
| 7) Trichlorofluoromethane    | 2.138  | 101  | 45103    | 1.856  | ug/l    | 98       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.581  | 101  | 21456    | 1.782  | ug/l    | 96       |
| 9) 1,1-Dichloroethene        | 2.581  | 96   | 20792    | 1.887  | ug/l    | 91       |
| 10) Iodomethane              | 2.723  | 142  | 21283    | 2.102  | ug/l    | 98       |
| 11) Allyl Chloride           | 2.919  | 41   | 25032    | 2.013  | ug/l    | 90       |
| 12) Acrylonitrile            | 3.324  | 53   | 8008     | 3.743  | ug/l    | # 91     |
| 13) Acetone                  | 2.649  | 43   | 38767    | 9.237  | ug/l    | 98       |
| 14) Carbon Disulfide         | 2.793  | 76   | 62134    | 1.840  | ug/l    | 98       |
| 15) Methylene Chloride       | 3.044  | 84   | 30543    | 0.729  | ug/l    | 88       |
| 16) trans-1,2-Dichloroethene | 3.350  | 96   | 23005    | 2.021  | ug/l    | 93       |
| 17) 1,1-Dichloroethane       | 3.867  | 63   | 41463    | 1.996  | ug/l    | 96       |
| 18) 2-Butanone               | 4.713  | 43   | 38247    | 8.954  | ug/l    | 99       |
| 19) Cyclohexane              | 5.382  | 56   | 35338    | 2.066  | ug/l    | 90       |
| 20) Methylcyclohexane        | 6.758  | 83   | 39792    | 1.862  | ug/l    | 95       |
| 21) 2,2-Dichloropropane      | 4.658  | 77   | 36334    | 2.043  | ug/l    | 97       |
| 22) cis-1,2-Dichloroethene   | 4.662  | 96   | 24542    | 1.984  | ug/l    | 97       |
| 23) Diethyl Ether            | 2.375  | 59   | 15775    | 1.804  | ug/l    | # 89     |
| 24) tert-Butyl Alcohol       | 3.244  | 59   | 15486m   | 19.486 | ug/l    |          |
| 25) Methyl tert-Butyl Ether  | 3.359  | 73   | 48419    | 1.983  | ug/l    | 99       |
| 26) Bromochloromethane       | 4.973  | 128  | 9261     | 1.858  | ug/l    | 87       |
| 27) Chloroform               | 5.083  | 83   | 42253    | 1.960  | ug/l    | 96       |
| 28) 1,1,1-Trichloroethane    | 5.311  | 97   | 35006    | 1.883  | ug/l    | 97       |
| 29) 1,1-Dichloropropene      | 5.523  | 75   | 31889    | 1.982  | ug/l    | 98       |
| 30) Carbon Tetrachloride     | 5.523  | 117  | 28840    | 1.949  | ug/l    | 96       |
| 31) Isopropyl Ether          | 3.986  | 45   | 56616    | 1.981  | ug/l    | 98       |
| 32) Ethyl-t-butyl ether      | 4.501  | 59   | 58781    | 2.002  | ug/l    | 98       |
| 33) Tert-Amyl methyl ether   | 5.935  | 73   | 51232    | 1.963  | ug/l    | 98       |
| 34) Propionitrile            | 4.813  | 54   | 7922m    | 10.349 | ug/l    |          |
| 35) Benzene                  | 5.771  | 78   | 93631    | 1.990  | ug/l    | 98       |
| 36) 1,2-Dichloroethane       | 5.790  | 62   | 26765    | 1.980  | ug/l    | # 85     |
| 37) Trichloroethene          | 6.539  | 130  | 23146    | 1.956  | ug/l    | 99       |
| 38) 1,2-Dichloropropane      | 6.787  | 63   | 23994    | 1.990  | ug/l    | 99       |
| 39) Methacrylonitrile        | 4.977  | 41   | 5890     | 2.004  | ug/l    | # 93     |
| 40) Methyl acrylate          | 4.858  | 55   | 10869m   | 2.040  | ug/l    |          |
| 41) Tetrahydrofuran          | 5.073  | 42   | 6442     | 4.198  | ug/l    | # 79     |
| 42) 1-Chlorobutane           | 5.456  | 56   | 42254    | 1.975  | ug/l    | 96       |
| 43) Dibromomethane           | 6.915  | 93   | 11259    | 1.960  | ug/l    | 91       |
| 44) Bromodichloromethane     | 7.102  | 83   | 27735    | 1.931  | ug/l    | 90       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU033023\  
 Data File : VU053480.D  
 Acq On : 30 Mar 2023 11:48  
 Operator : JC/MD  
 Sample : VU0330WBS01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0330WBS01

Manual Integrations  
 APPROVED

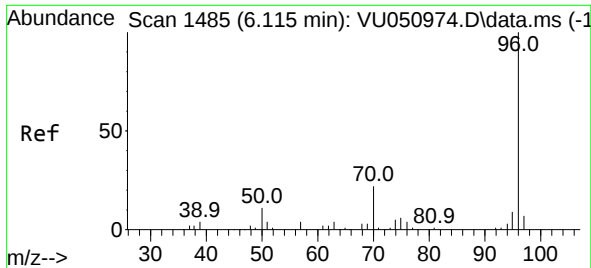
Reviewed By :Krupa Patel 04/07/2023  
 Supervised By :Mahesh Dadoda 04/07/2023

Quant Time: Mar 30 16:06:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U032923DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Mar 30 13:33:10 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.787  | 43   | 59890    | 10.051 | ug/l   | 99       |
| 46) t-1,4-Dichloro-2-butene   | 10.828 | 75   | 9937m    | 3.363  | ug/l   |          |
| 47) Methyl methacrylate       | 6.960  | 69   | 20742    | 3.927  | ug/l   | 95       |
| 48) Ethyl methacrylate        | 8.330  | 69   | 18612    | 1.817  | ug/l   | 96       |
| 49) Toluene                   | 7.967  | 92   | 55082    | 1.910  | ug/l   | 98       |
| 50) t-1,3-Dichloropropene     | 8.205  | 75   | 27371    | 2.057  | ug/l   | 98       |
| 51) cis-1,3-Dichloropropene   | 7.604  | 75   | 33292    | 2.020  | ug/l   | 95       |
| 52) 1,1,2-Trichloroethane     | 8.394  | 97   | 15580    | 1.870  | ug/l   | 95       |
| 53) 1,3-Dichloropropane       | 8.571  | 76   | 30076    | 2.093  | ug/l   | 97       |
| 54) 2-Hexanone                | 8.681  | 43   | 56538    | 9.044  | ug/l   | 95       |
| 55) Dibromochloromethane      | 8.803  | 129  | 15828    | 1.867  | ug/l   | 97       |
| 56) 1,2-Dibromoethane         | 8.922  | 107  | 14571    | 1.899  | ug/l   | 94       |
| 58) Tetrachloroethene         | 8.549  | 164  | 20858    | 1.885  | ug/l   | 96       |
| 59) Chlorobenzene             | 9.443  | 112  | 60840    | 1.916  | ug/l   | 98       |
| 60) 1,1,1,2-Tetrachloroethane | 9.529  | 131  | 19188    | 1.988  | ug/l   | 99       |
| 61) Pentachloroethane         | 11.423 | 117  | 12524    | 1.847  | ug/l   | 97       |
| 62) Hexachloroethane          | 12.471 | 117  | 14329    | 1.956  | ug/l # | 80       |
| 63) Ethyl Benzene             | 9.565  | 91   | 107079   | 1.923  | ug/l   | 98       |
| 64) m/p-Xylenes               | 9.690  | 106  | 81099    | 3.809  | ug/l   | 100      |
| 65) o-Xylene                  | 10.095 | 106  | 38729    | 1.859  | ug/l   | 91       |
| 66) Styrene                   | 10.111 | 104  | 60248    | 1.881  | ug/l   | 95       |
| 67) Bromoform                 | 10.285 | 173  | 7794     | 2.021  | ug/l # | 92       |
| 69) Isopropylbenzene          | 10.481 | 105  | 104662   | 1.918  | ug/l   | 98       |
| 70) 1,1,2,2-Tetrachloroethane | 10.777 | 83   | 19837    | 1.978  | ug/l   | 97       |
| 71) 1,2,3-Trichloropropane    | 10.822 | 75   | 13835m   | 1.827  | ug/l   |          |
| 72) Bromobenzene              | 10.777 | 156  | 22174    | 1.940  | ug/l   | 95       |
| 73) n-propylbenzene           | 10.899 | 120  | 28576    | 1.983  | ug/l   | 96       |
| 74) 2-Chlorotoluene           | 10.983 | 126  | 24204    | 1.942  | ug/l   | 96       |
| 75) 1,3,5-Trimethylbenzene    | 11.082 | 105  | 86835    | 1.895  | ug/l   | 99       |
| 76) 4-Chlorotoluene           | 11.092 | 126  | 24137    | 1.865  | ug/l   | 92       |
| 77) tert-Butylbenzene         | 11.417 | 119  | 79855    | 1.880  | ug/l   | 97       |
| 78) 1,2,4-Trimethylbenzene    | 11.465 | 105  | 89324    | 1.914  | ug/l   | 97       |
| 79) sec-Butylbenzene          | 11.639 | 105  | 115429   | 1.887  | ug/l   | 99       |
| 80) Nitrobenzene              | 13.208 | 77   | 2450     | 9.725  | ug/l # | 82       |
| 81) p-Isopropyltoluene        | 11.790 | 119  | 90849    | 1.891  | ug/l   | 98       |
| 82) 1,3-Dichlorobenzene       | 11.742 | 146  | 46668    | 1.916  | ug/l   | 98       |
| 83) 1,4-Dichlorobenzene       | 11.832 | 146  | 45985    | 1.865  | ug/l   | 96       |
| 84) n-Butylbenzene            | 12.205 | 91   | 89748    | 1.891  | ug/l   | 98       |
| 85) 1,2-Dichlorobenzene       | 12.208 | 146  | 44361    | 1.922  | ug/l   | 98       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.992 | 75   | 3202     | 2.103  | ug/l # | 80       |
| 87) 1,2,4-Trichlorobenzene    | 13.835 | 180  | 25427    | 1.889  | ug/l   | 97       |
| 88) Hexachlorobutadiene       | 14.015 | 225  | 12482    | 1.938  | ug/l   | 91       |
| 89) Naphthalene               | 14.082 | 128  | 50438    | 1.862  | ug/l   | 98       |
| 90) 1,2,3-Trichlorobenzene    | 14.323 | 180  | 23382    | 2.016  | ug/l   | 97       |

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





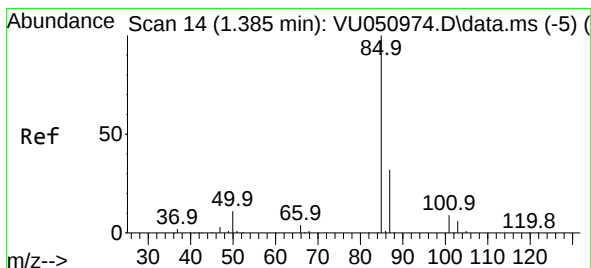
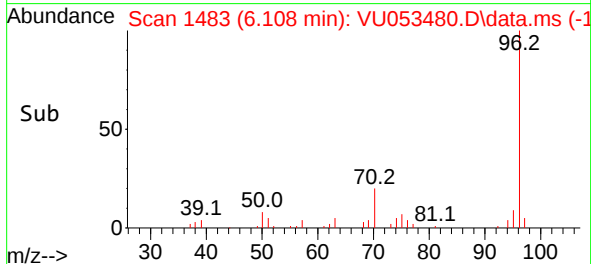
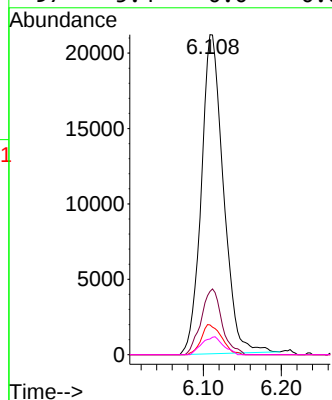
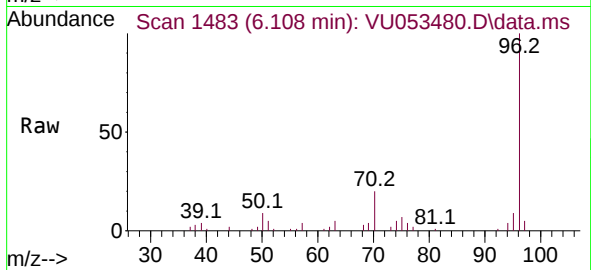
#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.108 min Scan# 14  
Delta R.T. -0.007 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 41694 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 70 19.2     | 16.5 24.7   |
| 95 8.7      | 7.4 11.0    |
| 97 5.4      | 0.0 0.0#    |

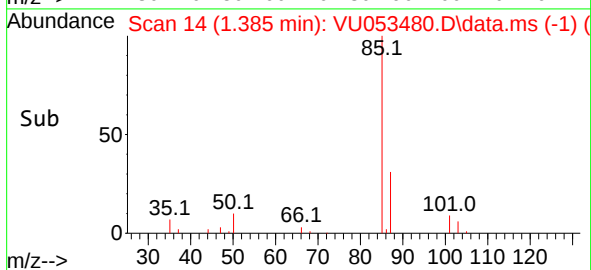
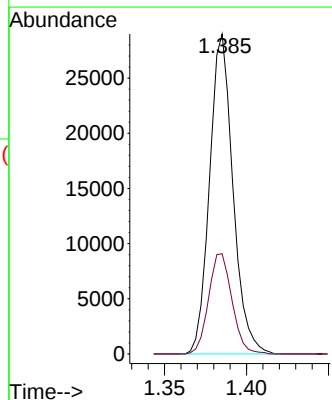
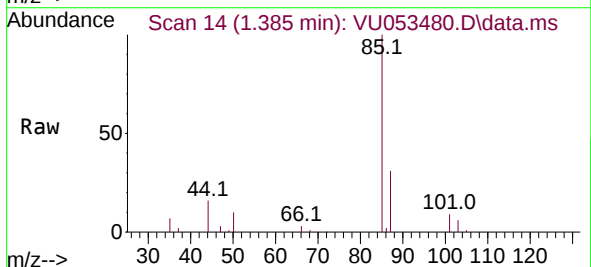
Manual Integrations  
APPROVED

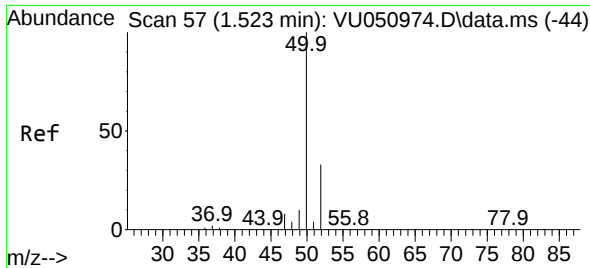
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#2  
Dichlorodifluoromethane  
Concen: 1.904 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

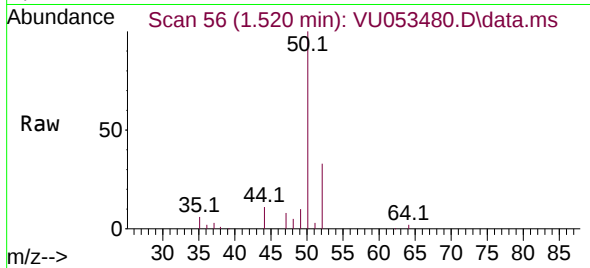
|             |             |
|-------------|-------------|
| Tgt Ion: 85 | Resp: 28699 |
| Ion Ratio   | Lower Upper |
| 85 100      |             |
| 87 31.3     | 16.2 48.6   |





#3  
Chloromethane  
Concen: 1.919 ug/l  
RT: 1.520 min Scan# 50  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

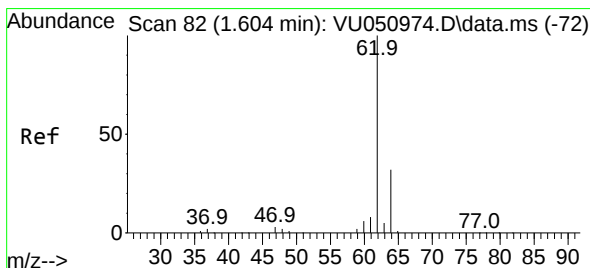
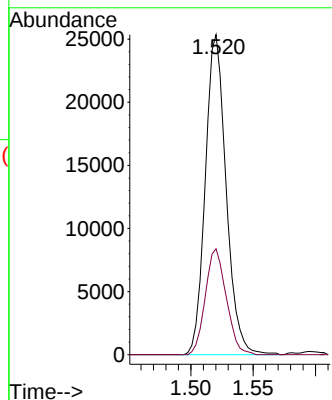
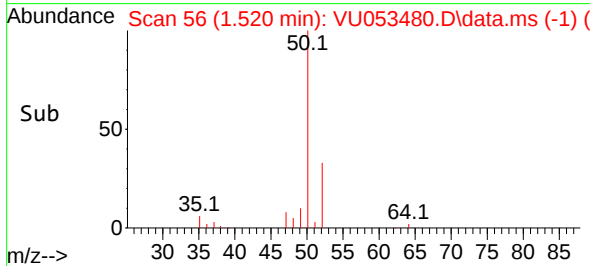
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



Tgt Ion: 50 Resp: 2947  
Ion Ratio Lower Upper  
50 100  
52 33.1 26.6 40.0

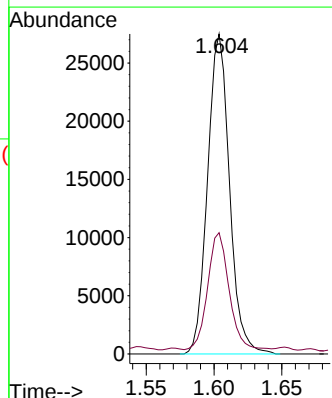
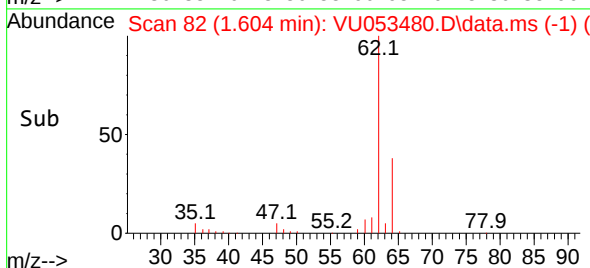
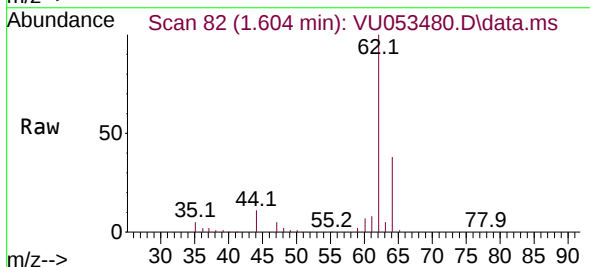
Manual Integrations  
APPROVED

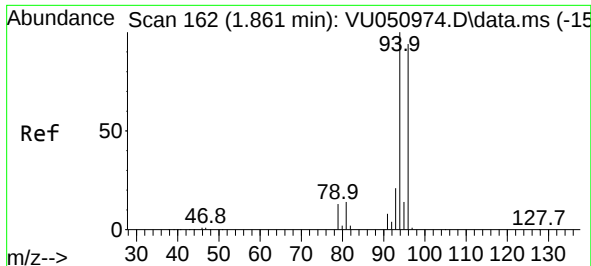
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#4  
Vinyl Chloride  
Concen: 1.908 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Tgt Ion: 62 Resp: 30950  
Ion Ratio Lower Upper  
62 100  
64 36.3 25.4 38.2





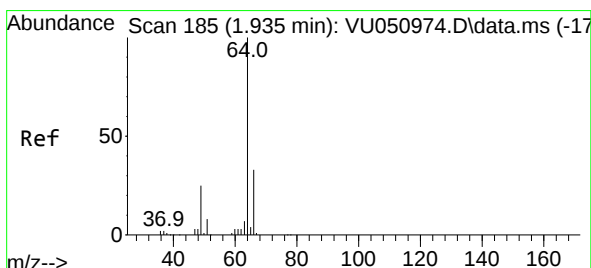
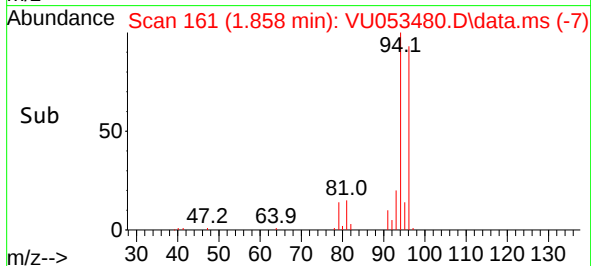
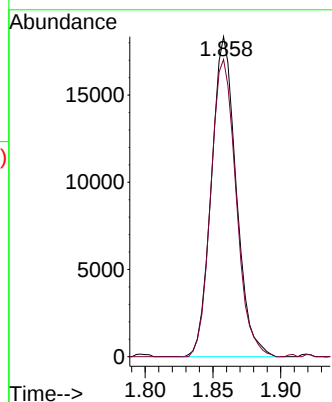
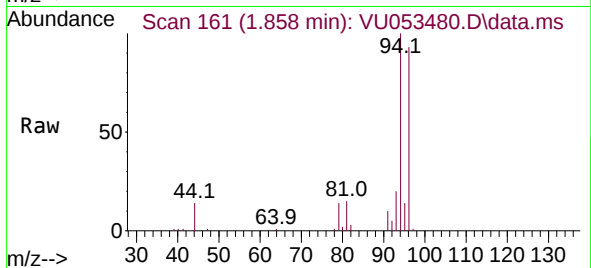
#5  
Bromomethane  
Concen: 1.687 ug/l  
RT: 1.858 min Scan# 161  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01

Tgt Ion: 94 Resp: 23318  
Ion Ratio Lower Upper  
94 100  
96 92.9 75.4 113.2

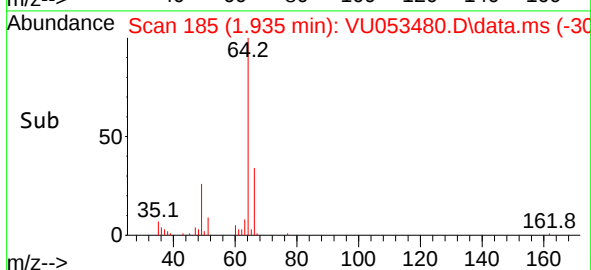
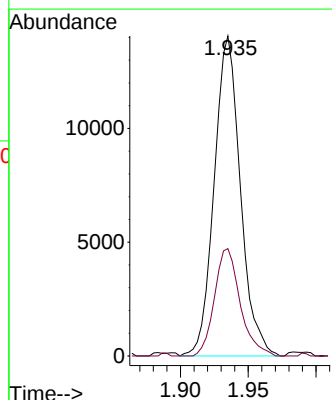
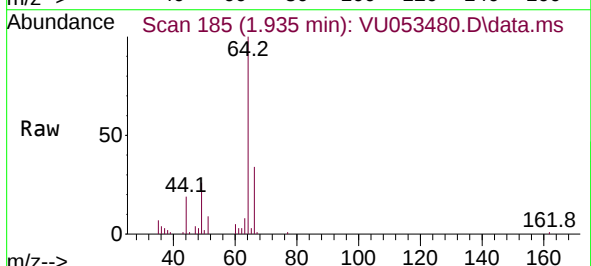
Manual Integrations  
APPROVED

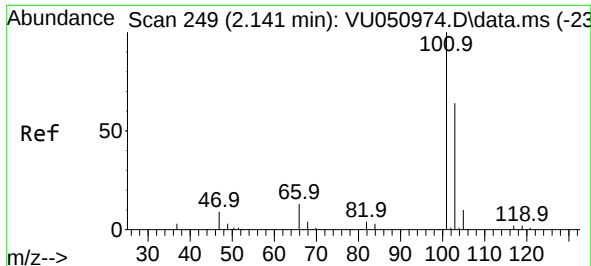
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#6  
Chloroethane  
Concen: 1.824 ug/l  
RT: 1.935 min Scan# 185  
Delta R.T. -0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

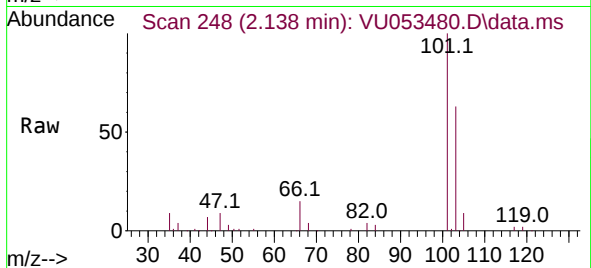
Tgt Ion: 64 Resp: 18923  
Ion Ratio Lower Upper  
64 100  
66 33.5 26.0 39.0





#7  
Trichlorofluoromethane  
Concen: 1.856 ug/l  
RT: 2.138 min Scan# 249  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

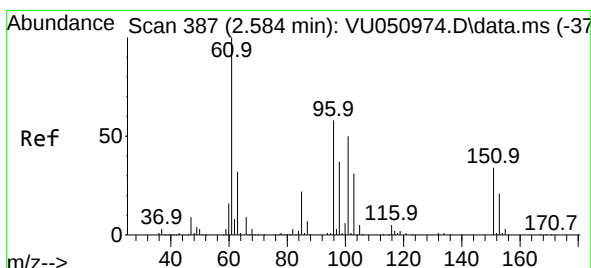
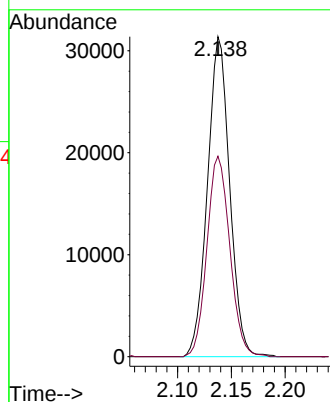
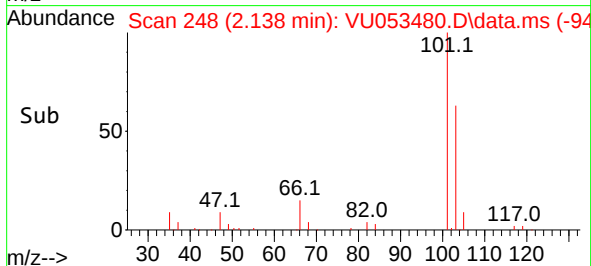
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



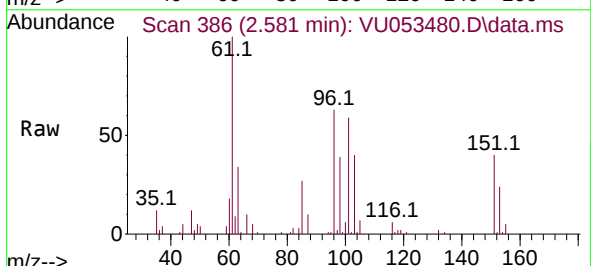
Tgt Ion:101 Resp: 4510  
Ion Ratio Lower Upper  
101 100  
103 62.7 51.4 77.0

Manual Integrations  
APPROVED

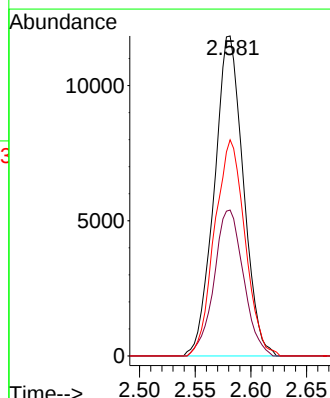
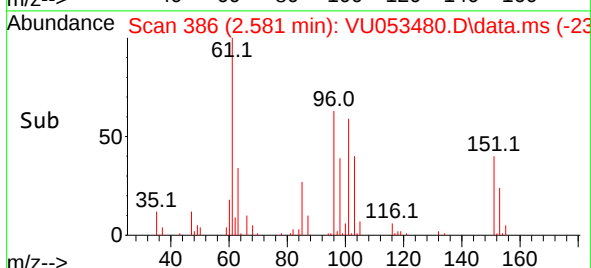
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

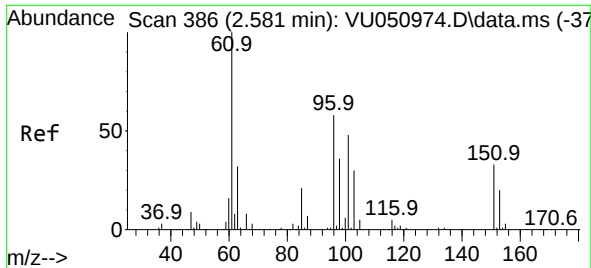


#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 1.782 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48



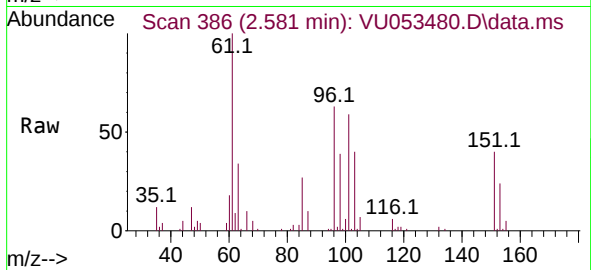
Tgt Ion:101 Resp: 21456  
Ion Ratio Lower Upper  
101 100  
85 46.2 35.4 53.0  
151 70.8 54.0 81.0





#9  
1,1-Dichloroethene  
Concen: 1.887 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. 0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

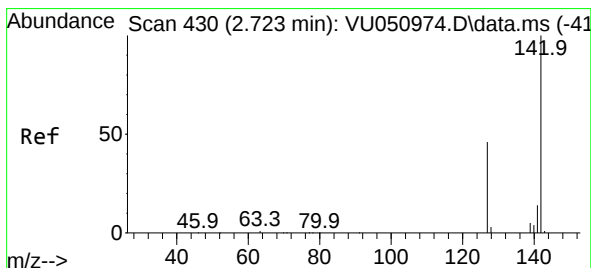
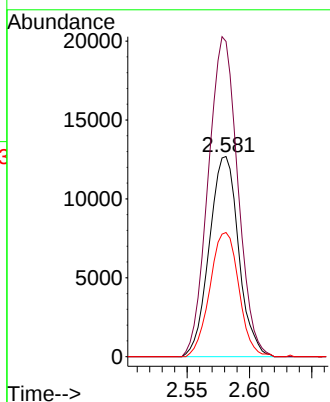
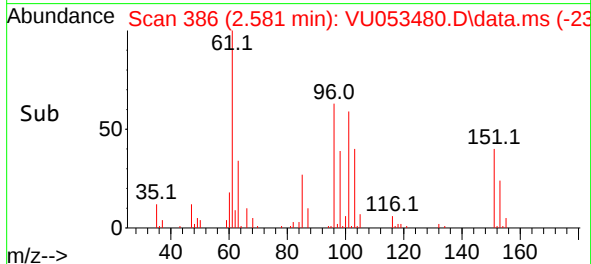
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



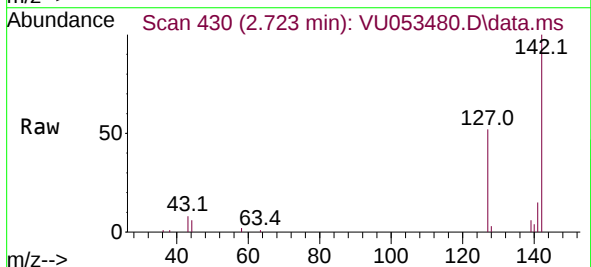
Tgt Ion: 96 Resp: 20792  
Ion Ratio Lower Upper  
96 100  
61 157.5 0.0 521.4  
98 62.0 0.0 125.8

Manual Integrations  
APPROVED

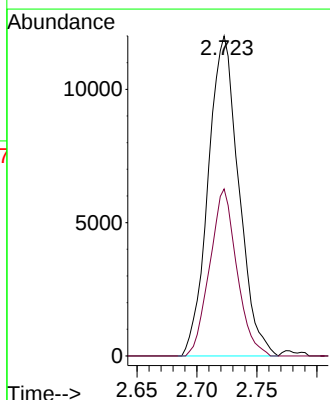
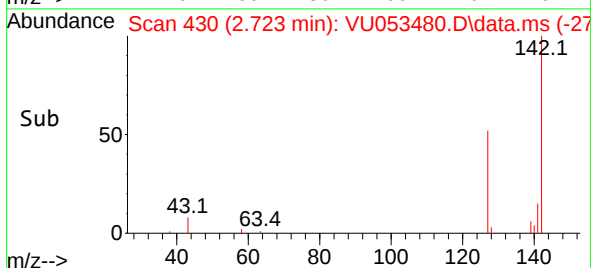
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

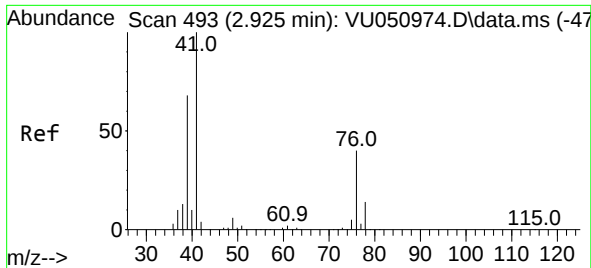


#10  
Iodomethane  
Concen: 2.102 ug/l  
RT: 2.723 min Scan# 430  
Delta R.T. -0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48



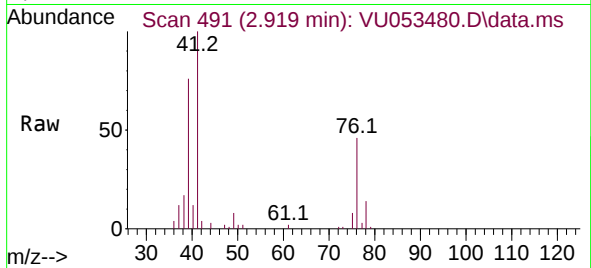
Tgt Ion:142 Resp: 21283  
Ion Ratio Lower Upper  
142 100  
127 46.2 35.9 53.9





#11  
 Allyl Chloride  
 Concen: 2.013 ug/l  
 RT: 2.919 min Scan# 491  
 Delta R.T. -0.006 min  
 Lab File: VU053480.D  
 Acq: 30 Mar 2023 11:48

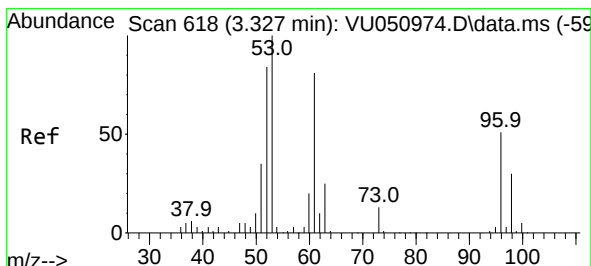
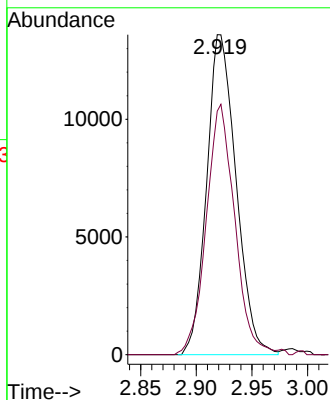
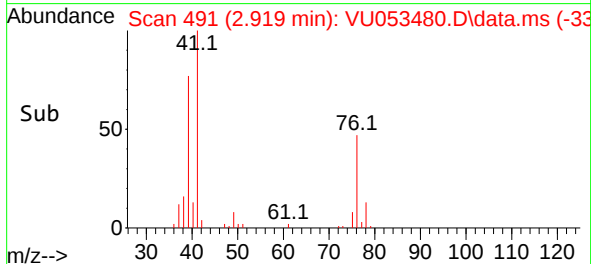
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0330WBS01



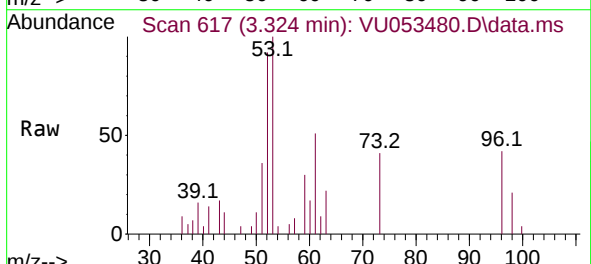
Tgt Ion: 41 Resp: 2503  
 Ion Ratio Lower Upper  
 41 100  
 39 75.5 54.2 81.2

Manual Integrations  
 APPROVED

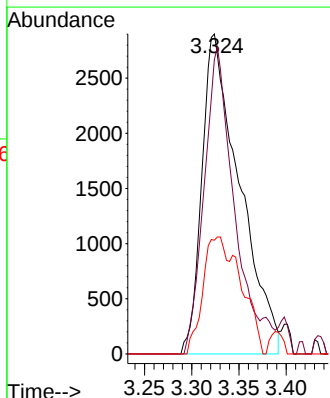
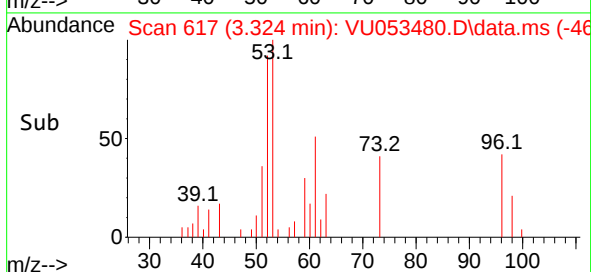
Reviewed By :Krupa Patel 04/07/2023  
 Supervised By :Mahesh Dadoda 04/07/2023

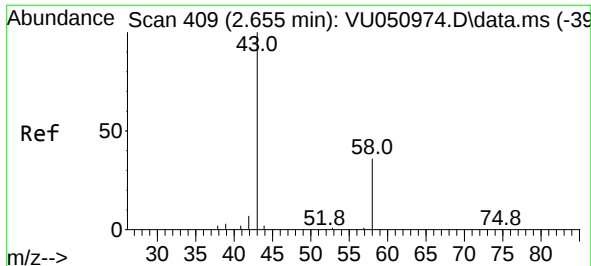


#12  
 Acrylonitrile  
 Concen: 3.743 ug/l  
 RT: 3.324 min Scan# 617  
 Delta R.T. -0.003 min  
 Lab File: VU053480.D  
 Acq: 30 Mar 2023 11:48



Tgt Ion: 53 Resp: 8008  
 Ion Ratio Lower Upper  
 53 100  
 52 74.6 62.9 94.3  
 51 24.2 27.8 41.6#





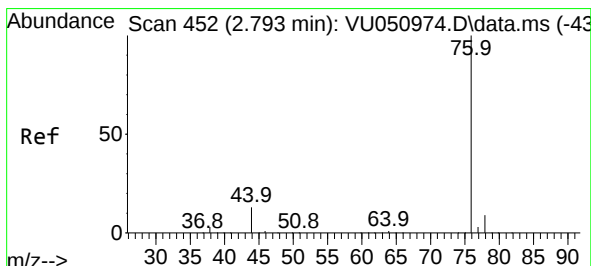
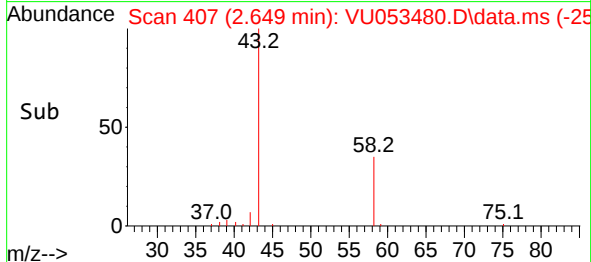
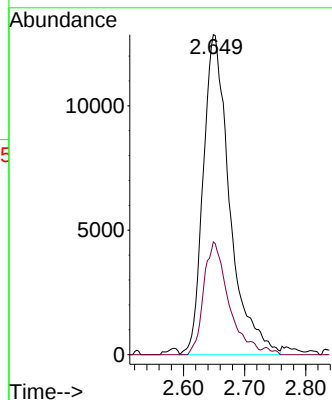
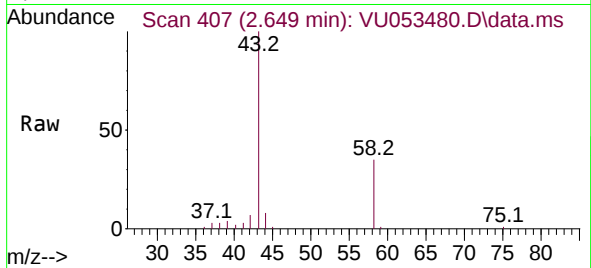
#13  
Acetone  
Concen: 9.237 ug/l  
RT: 2.649 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01

Tgt Ion: 43 Resp: 3876  
Ion Ratio Lower Upper  
43 100  
58 35.2 29.0 43.4

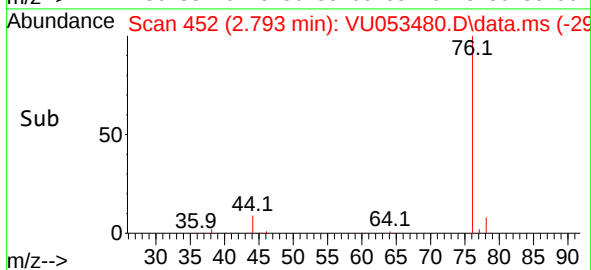
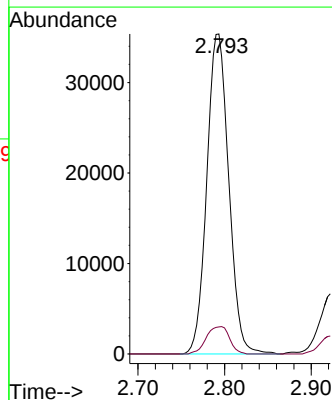
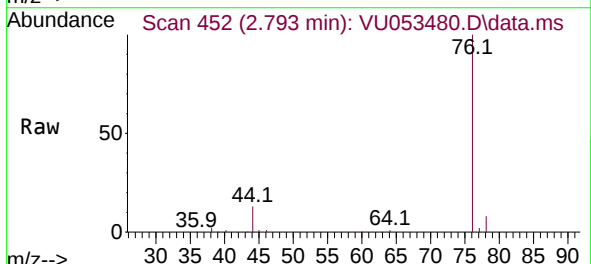
Manual Integrations  
APPROVED

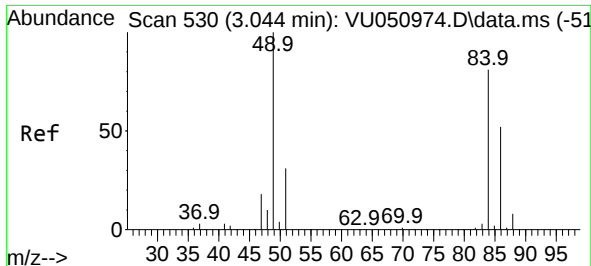
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#14  
Carbon Disulfide  
Concen: 1.840 ug/l  
RT: 2.793 min Scan# 452  
Delta R.T. 0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

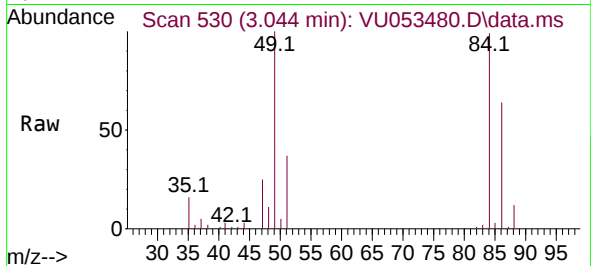
Tgt Ion: 76 Resp: 62134  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.4 11.0





#15  
Methylene Chloride  
Concen: 0.729 ug/l  
RT: 3.044 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

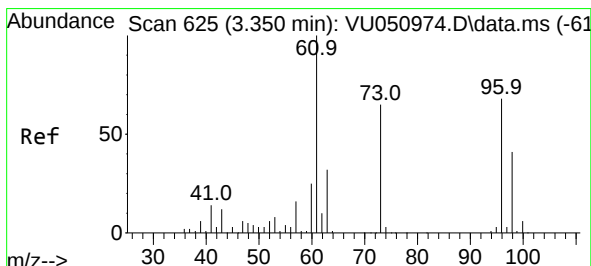
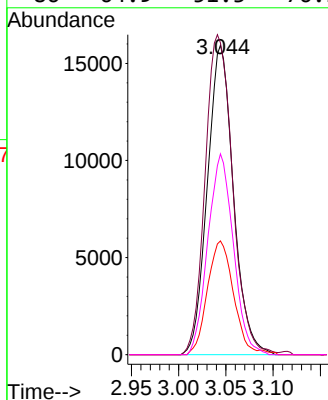
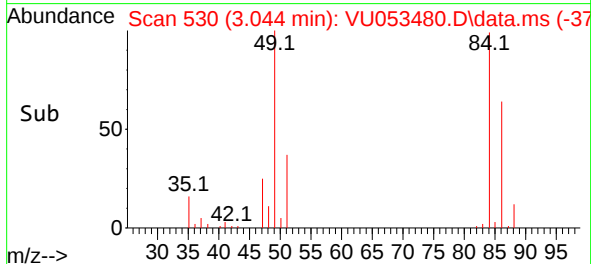
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 100.8 | 98.9  | 148.3 |
| 51      | 36.8  | 0.0   | 75.4  |
| 86      | 64.9  | 51.3  | 76.9  |

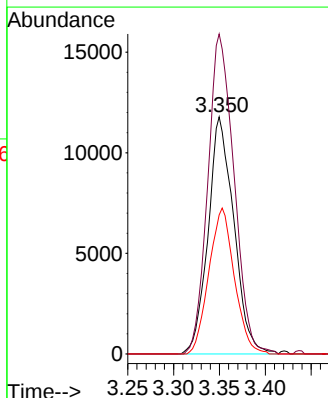
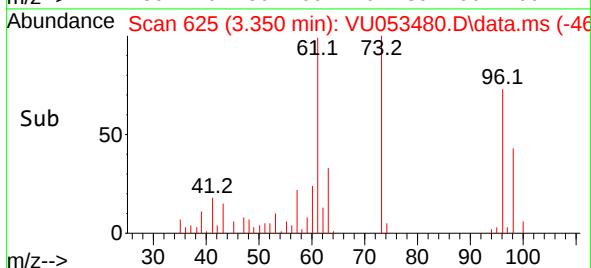
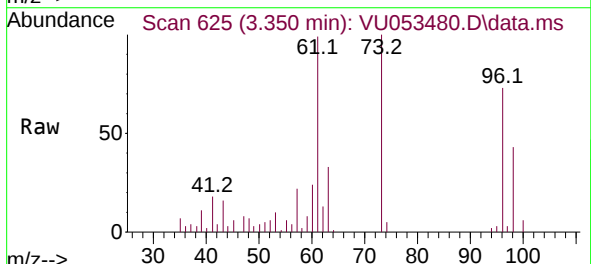
Manual Integrations  
APPROVED

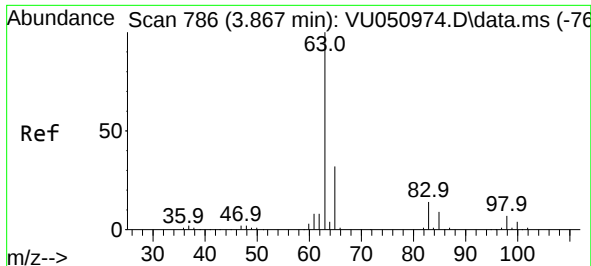
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#16  
trans-1,2-Dichloroethene  
Concen: 2.021 ug/l  
RT: 3.350 min Scan# 625  
Delta R.T. 0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 134.9 | 117.5 | 176.3 |
| 98      | 58.6  | 48.3  | 72.5  |





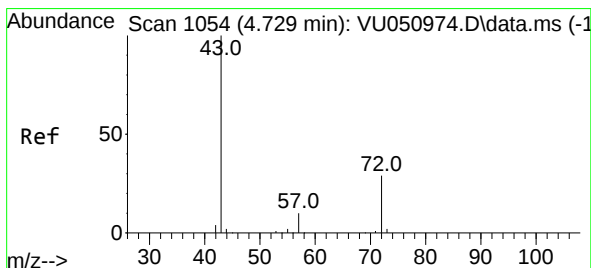
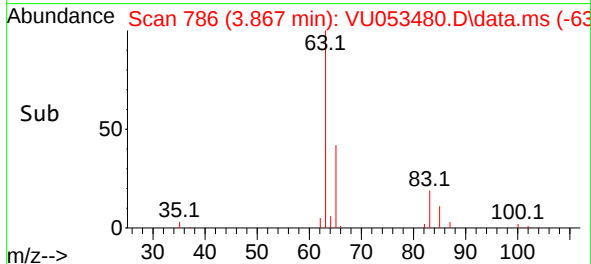
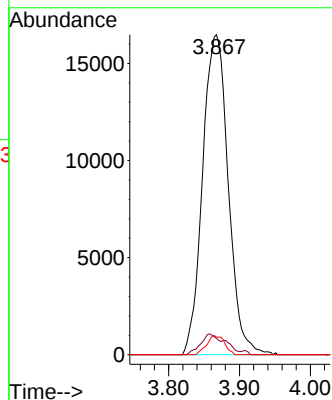
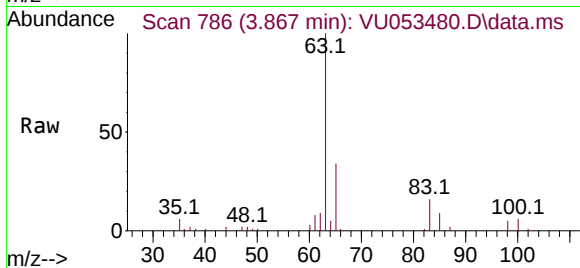
#17  
1,1-Dichloroethane  
Concen: 1.996 ug/l  
RT: 3.867 min Scan# 786  
Delta R.T. 0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Instrument :  
MSVOA\_U  
Client Sample Id :  
VU0330WBS01

Tgt Ion: 63 Resp: 4146  
Ion Ratio Lower Upper  
63 100  
98 5.2 3.4 10.1  
100 5.5 2.2 6.6

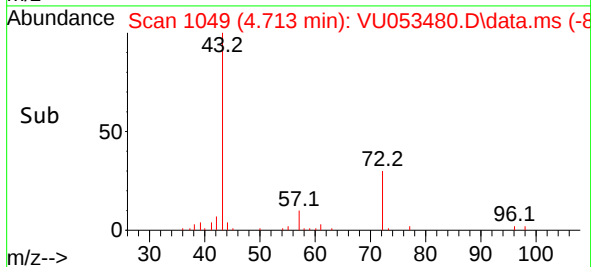
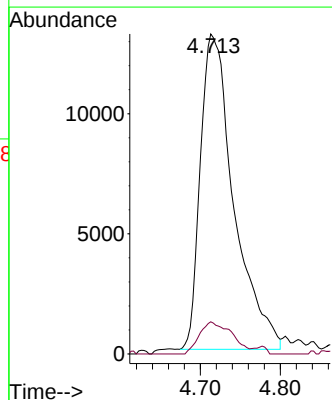
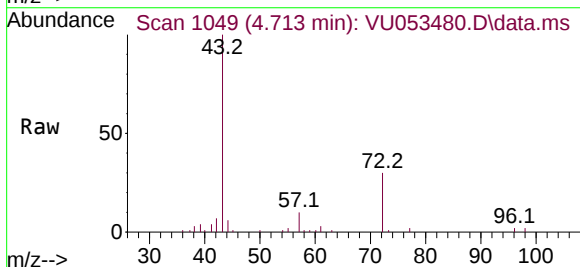
Manual Integrations  
APPROVED

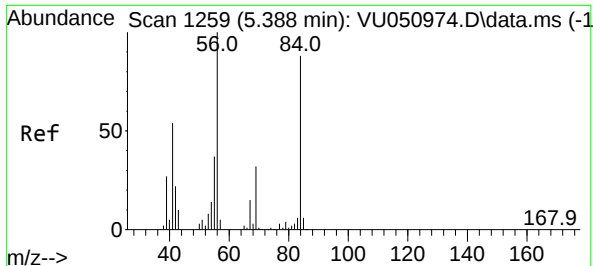
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#18  
2-Butanone  
Concen: 8.954 ug/l  
RT: 4.713 min Scan# 1049  
Delta R.T. -0.016 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

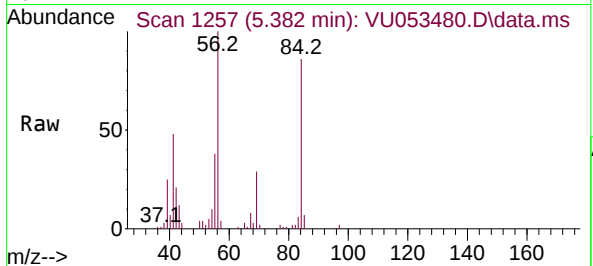
Tgt Ion: 43 Resp: 38247  
Ion Ratio Lower Upper  
43 100  
57 10.2 0.0 19.6





#19  
Cyclohexane  
Concen: 2.066 ug/l  
RT: 5.382 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

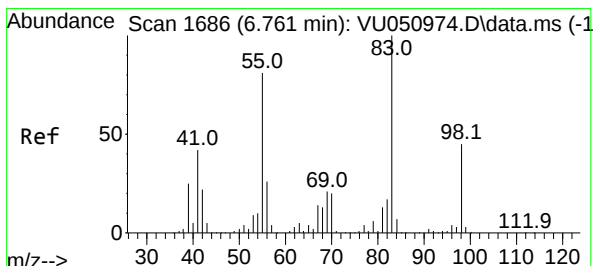
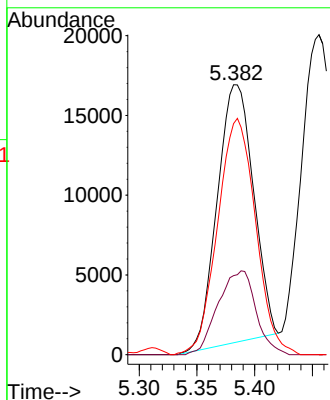
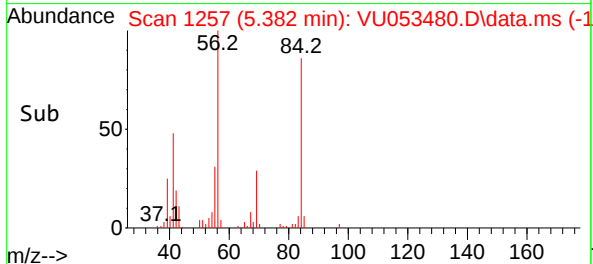
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



Tgt Ion: 56 Resp: 35338  
Ion Ratio Lower Upper  
56 100  
69 33.9 24.6 37.0  
84 96.2 68.4 102.6

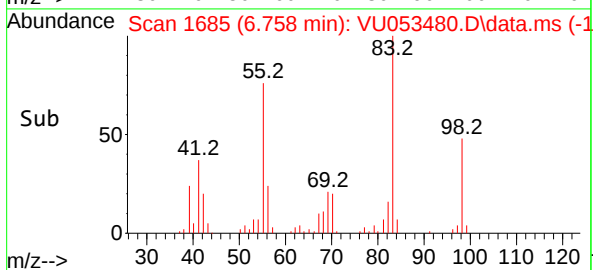
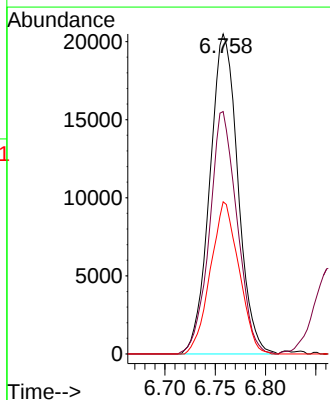
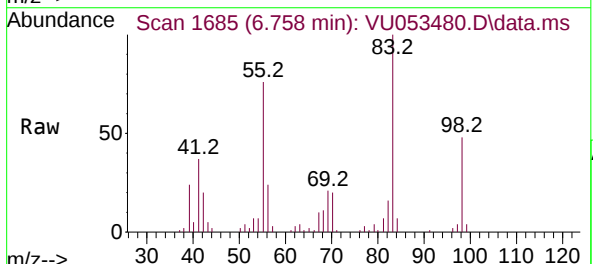
Manual Integrations  
APPROVED

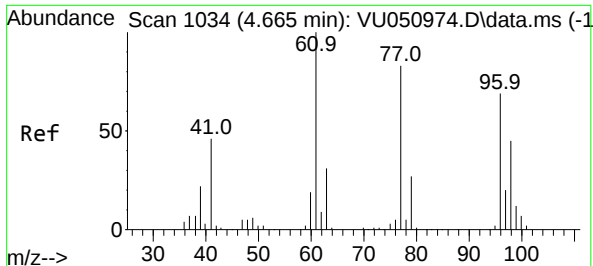
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#20  
Methylcyclohexane  
Concen: 1.862 ug/l  
RT: 6.758 min Scan# 1685  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Tgt Ion: 83 Resp: 39792  
Ion Ratio Lower Upper  
83 100  
55 74.4 63.5 95.3  
98 48.3 36.0 54.0





#21

2,2-Dichloropropane

Concen: 2.043 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

Instrument :

MSVOA\_U

ClientSampleId :

VU0330WBS01

Tgt Ion: 77 Resp: 36334

Ion Ratio Lower Upper

77 100

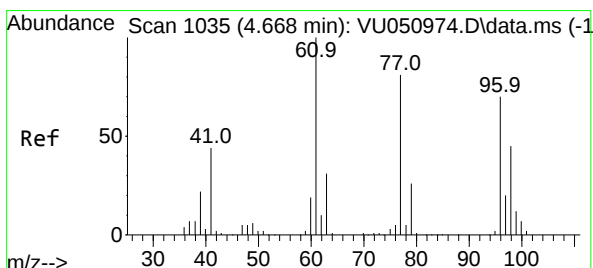
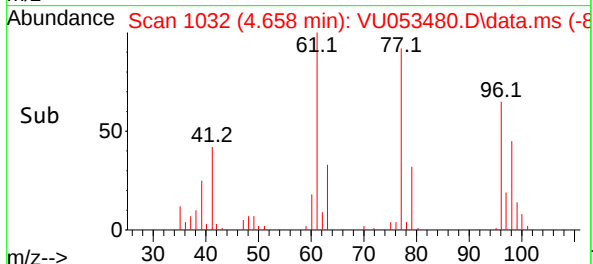
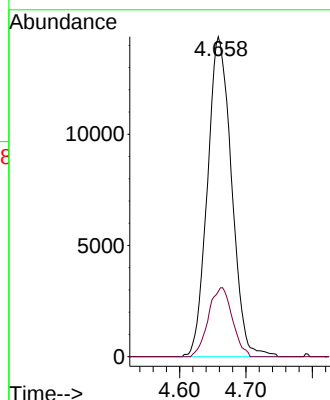
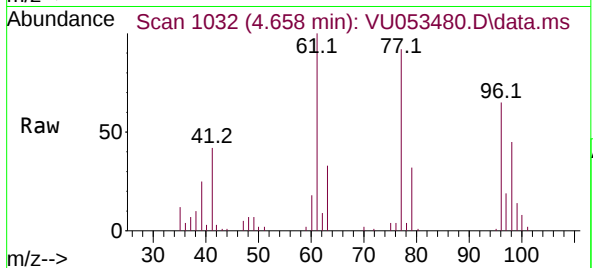
97 21.4 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#22

cis-1,2-Dichloroethene

Concen: 1.984 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

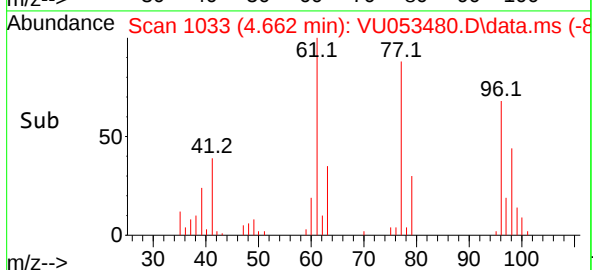
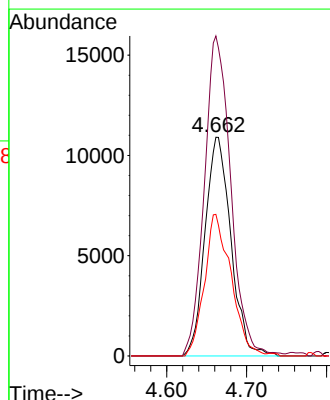
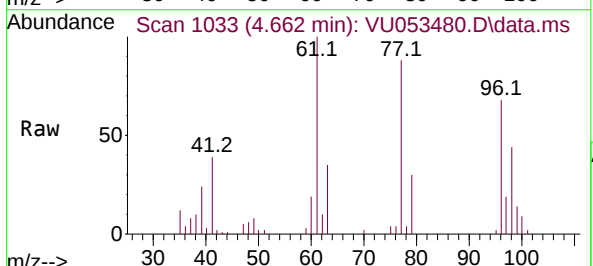
Tgt Ion: 96 Resp: 24542

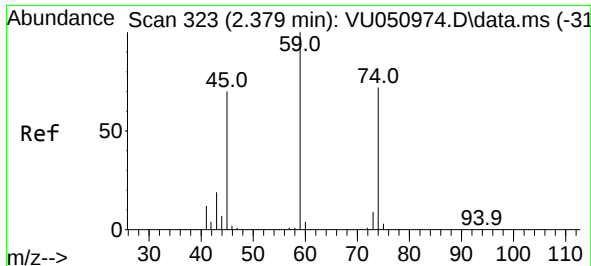
Ion Ratio Lower Upper

96 100

61 149.5 0.0 365.8

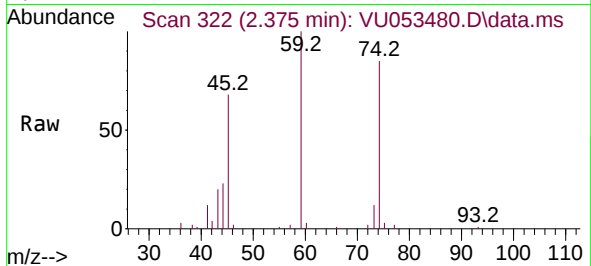
98 66.4 32.0 96.0





#23  
Diethyl Ether  
Concen: 1.804 ug/l  
RT: 2.375 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

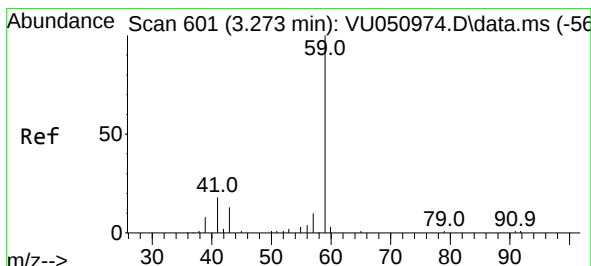
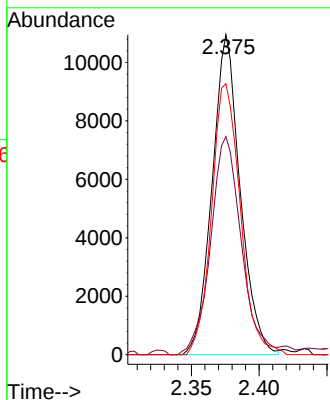
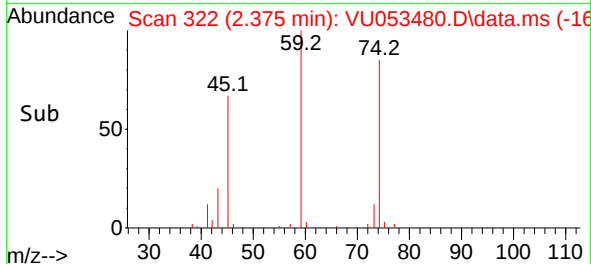
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



Tgt Ion: 59 Resp: 15779  
Ion Ratio Lower Upper  
59 100  
45 73.9 56.1 84.1  
74 86.4 57.4 86.2

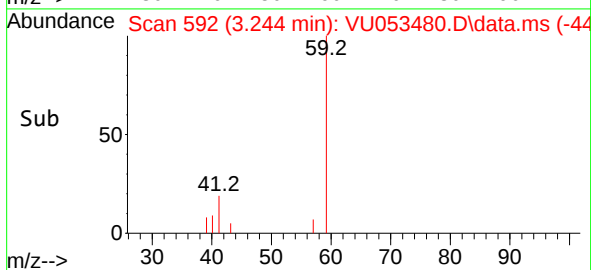
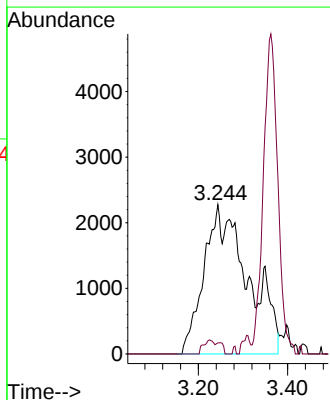
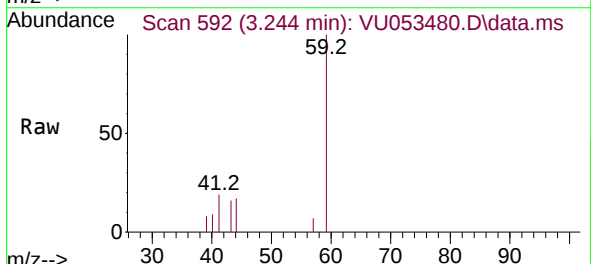
Manual Integrations  
APPROVED

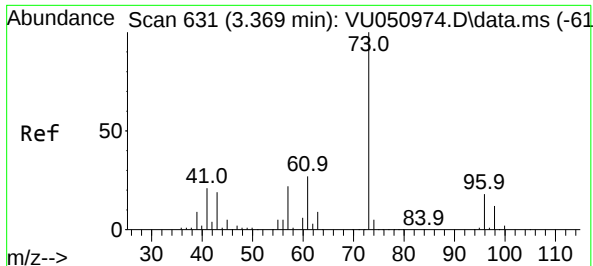
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#24  
tert-Butyl Alcohol  
Concen: 19.486 ug/l m  
RT: 3.244 min Scan# 592  
Delta R.T. -0.029 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

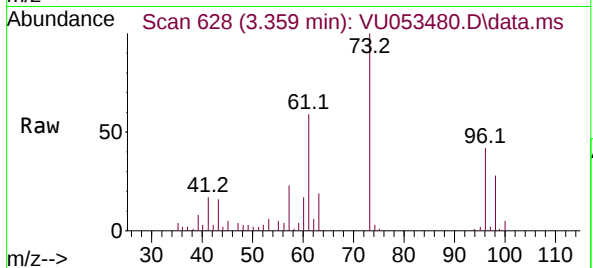
Tgt Ion: 59 Resp: 15486  
Ion Ratio Lower Upper  
59 100  
57 2.3 105.6 158.4#





#25  
Methyl tert-Butyl Ether  
Concen: 1.983 ug/l  
RT: 3.359 min Scan# 61  
Delta R.T. -0.010 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

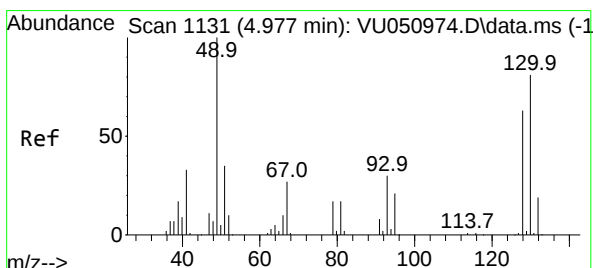
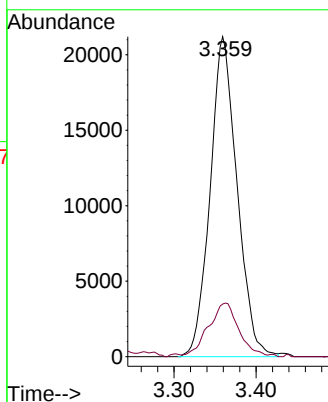
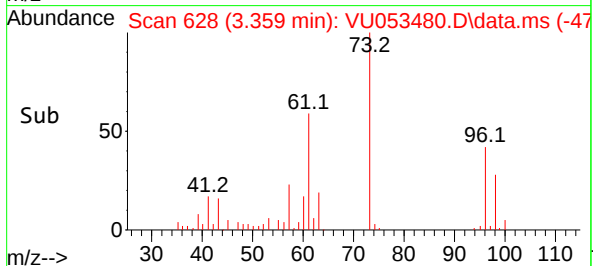
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



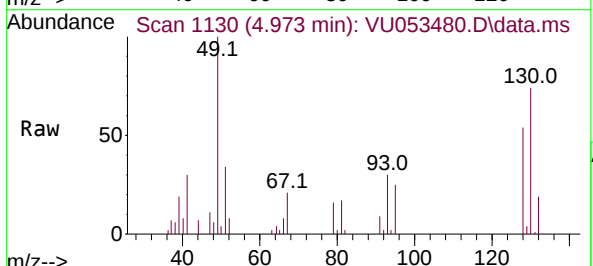
Tgt Ion: 73 Resp: 48419  
Ion Ratio Lower Upper  
73 100  
43 18.2 15.0 22.6

Manual Integrations  
APPROVED

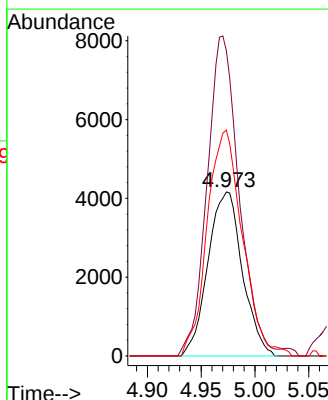
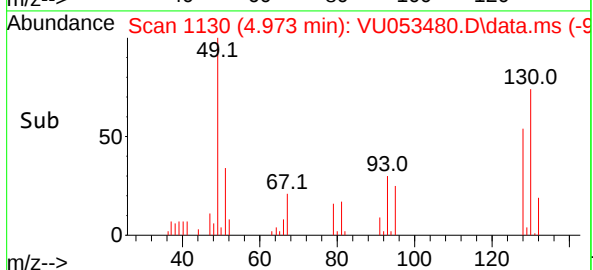
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

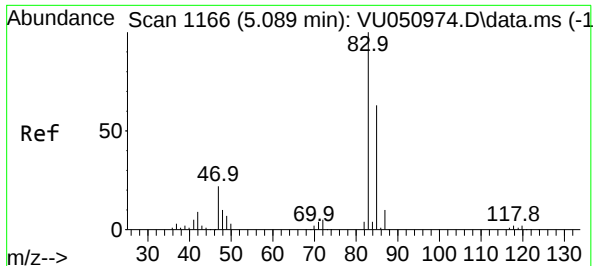


#26  
Bromochloromethane  
Concen: 1.858 ug/l  
RT: 4.973 min Scan# 1130  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48



Tgt Ion:128 Resp: 9261  
Ion Ratio Lower Upper  
128 100  
49 181.3 0.0 324.6  
130 141.6 103.0 154.4





#27

Chloroform

Concen: 1.960 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

Instrument :

MSVOA\_U

ClientSampleId :

VU0330WBS01

Tgt Ion: 83 Resp: 4225

Ion Ratio Lower Upper

83 100

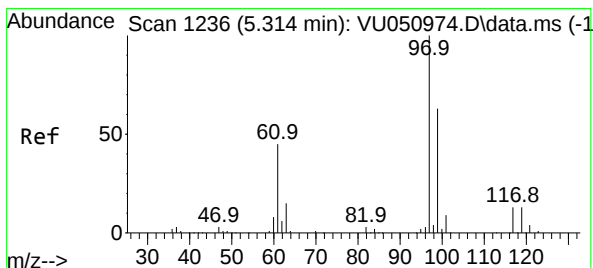
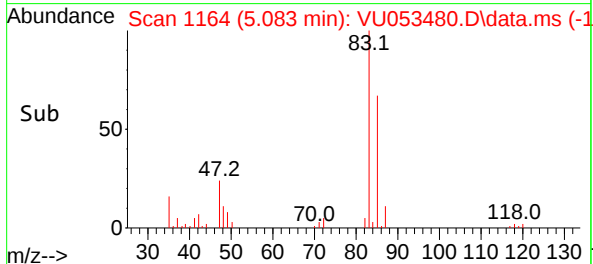
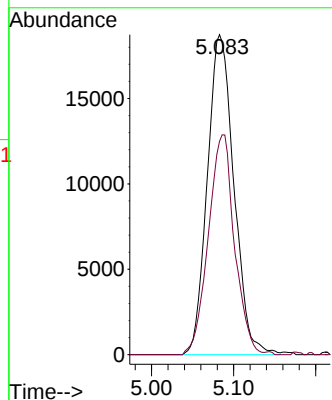
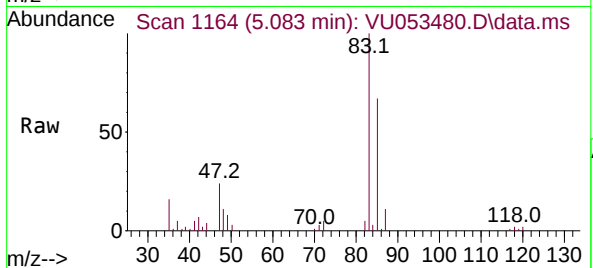
85 66.7 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#28

1,1,1-Trichloroethane

Concen: 1.883 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

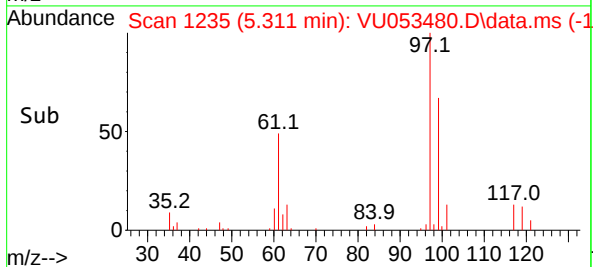
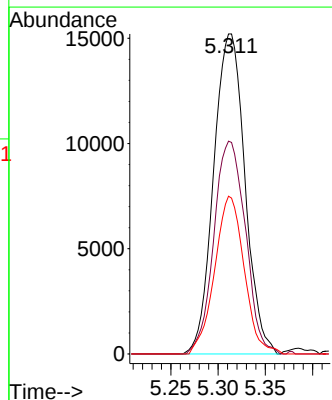
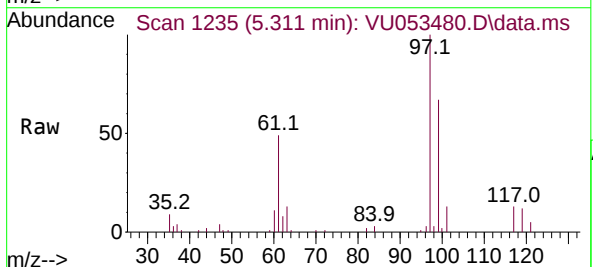
Tgt Ion: 97 Resp: 35006

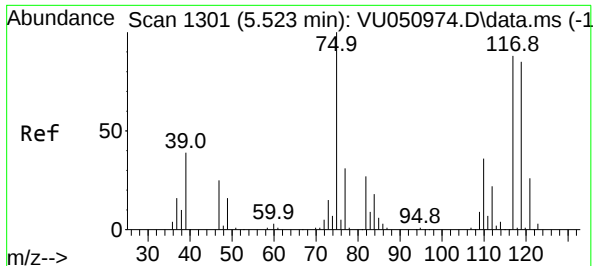
Ion Ratio Lower Upper

97 100

99 67.0 32.0 96.2

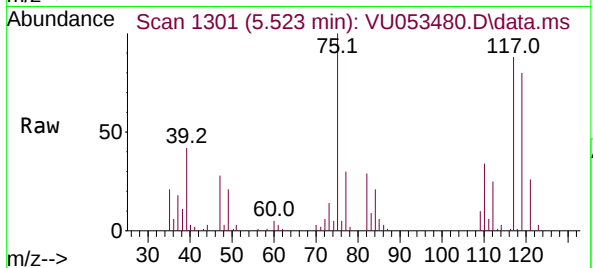
61 46.5 22.9 68.5





#29  
1,1-Dichloropropene  
Concen: 1.982 ug/l  
RT: 5.523 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

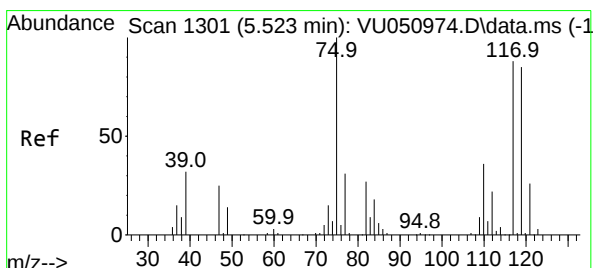
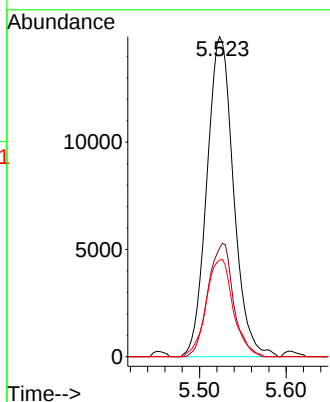
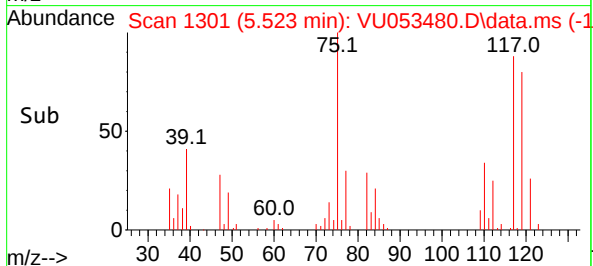
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



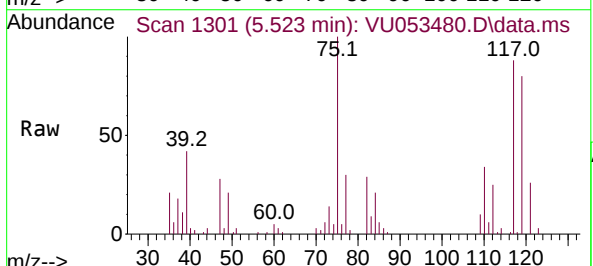
Tgt Ion: 75 Resp: 31889  
Ion Ratio Lower Upper  
75 100  
110 33.7 18.0 54.0  
77 30.8 24.7 37.1

Manual Integrations  
APPROVED

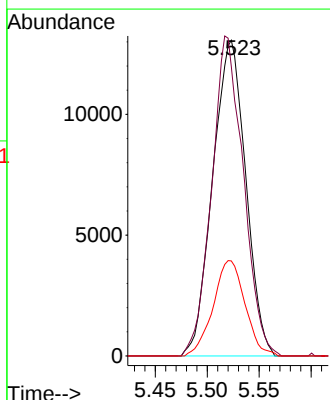
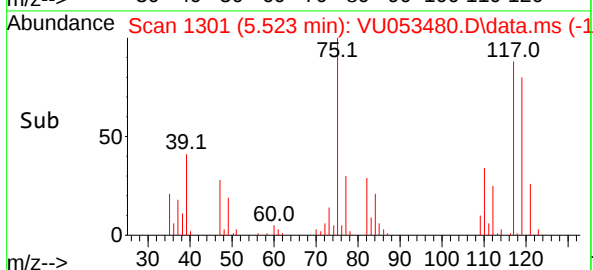
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

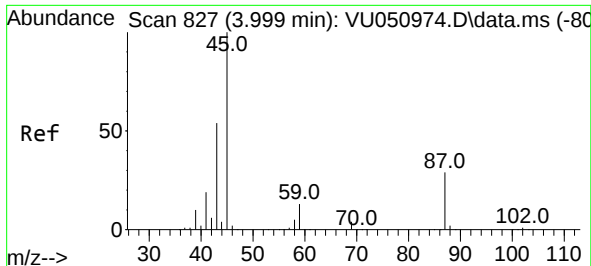


#30  
Carbon Tetrachloride  
Concen: 1.949 ug/l  
RT: 5.523 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48



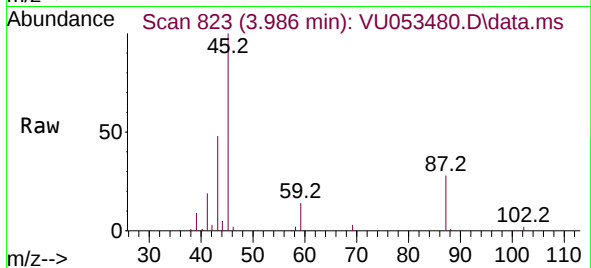
Tgt Ion:117 Resp: 28840  
Ion Ratio Lower Upper  
117 100  
119 91.7 77.4 116.0  
121 30.1 24.0 36.0





#31  
Isopropyl Ether  
Concen: 1.981 ug/l  
RT: 3.986 min Scan# 81  
Delta R.T. -0.013 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

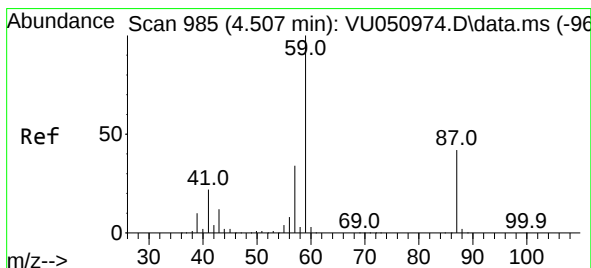
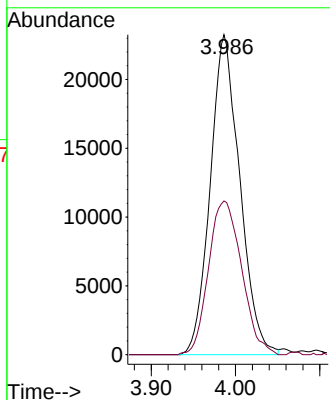
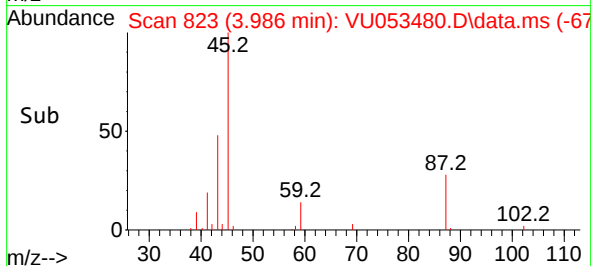
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



Tgt Ion: 45 Resp: 56610  
Ion Ratio Lower Upper  
45 100  
43 53.8 27.5 82.5

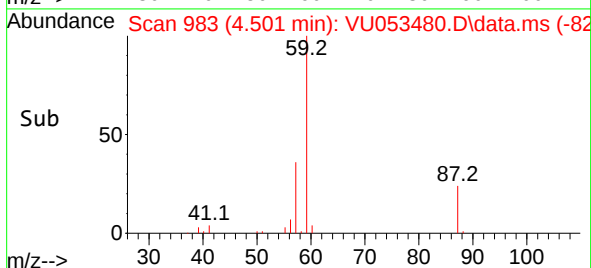
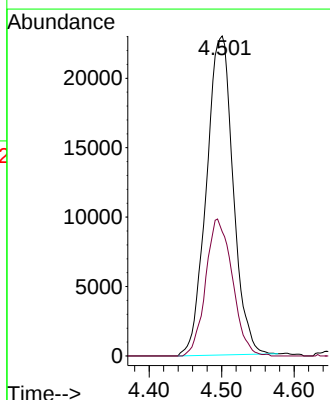
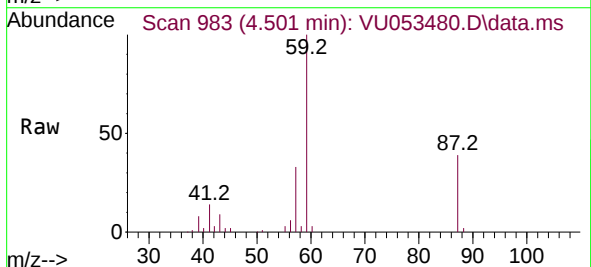
Manual Integrations  
APPROVED

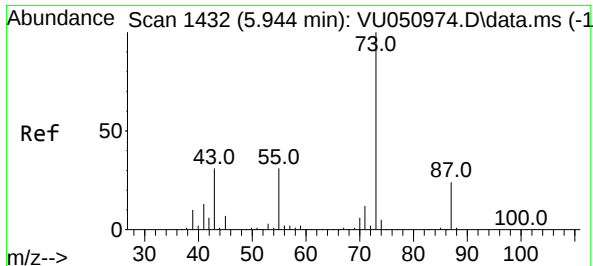
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#32  
Ethyl-t-butyl ether  
Concen: 2.002 ug/l  
RT: 4.501 min Scan# 983  
Delta R.T. -0.006 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

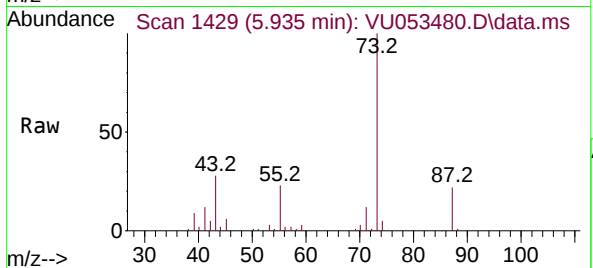
Tgt Ion: 59 Resp: 58781  
Ion Ratio Lower Upper  
59 100  
87 43.0 33.5 50.3





#33  
Tert-Amyl methyl ether  
Concen: 1.963 ug/l  
RT: 5.935 min Scan# 1432  
Delta R.T. -0.010 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

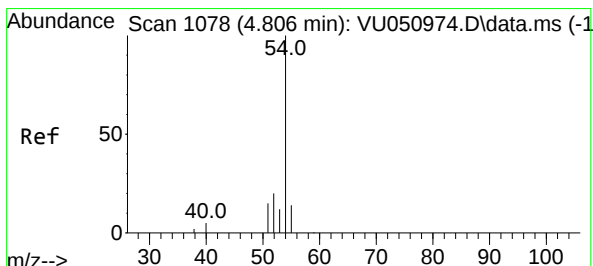
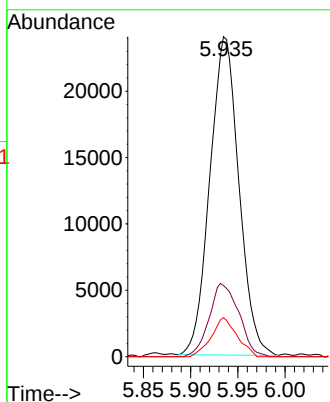
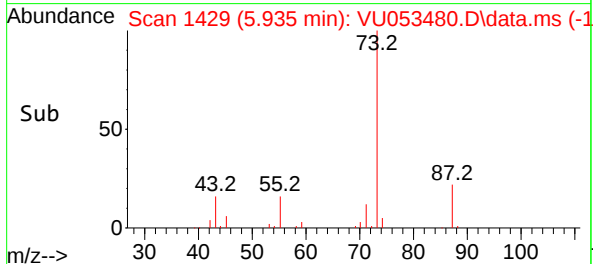
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



Tgt Ion: 73 Resp: 5123  
Ion Ratio Lower Upper  
73 100  
87 23.4 18.6 28.0  
71 10.8 9.9 14.9

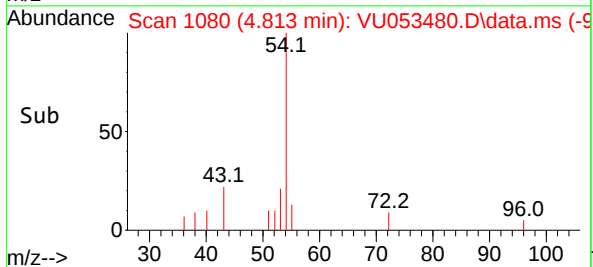
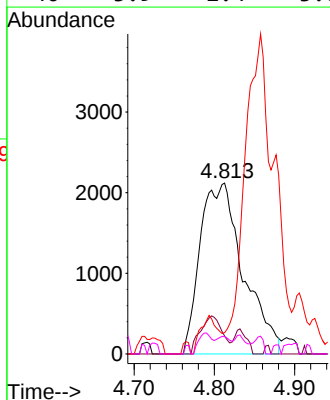
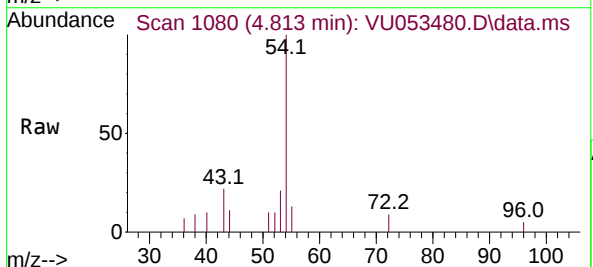
Manual Integrations  
APPROVED

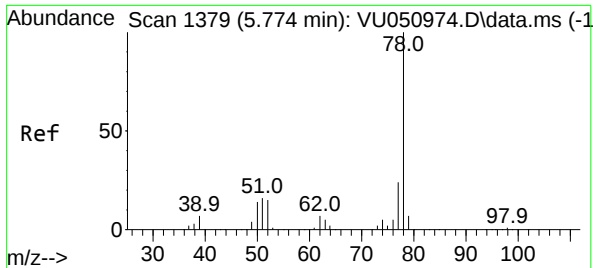
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#34  
Propionitrile  
Concen: 10.349 ug/l m  
RT: 4.813 min Scan# 1080  
Delta R.T. 0.007 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Tgt Ion: 54 Resp: 7922  
Ion Ratio Lower Upper  
54 100  
52 11.3 17.4 26.0#  
55 8.9 104.1 156.1#  
40 3.9 2.4 3.6#





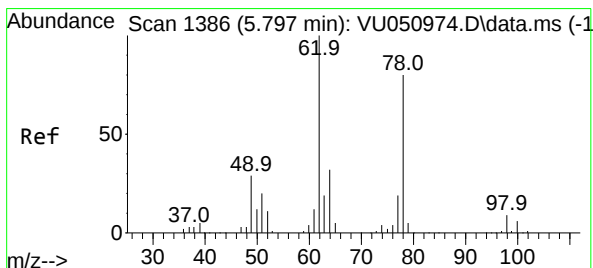
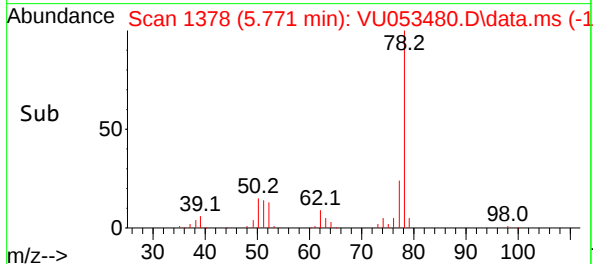
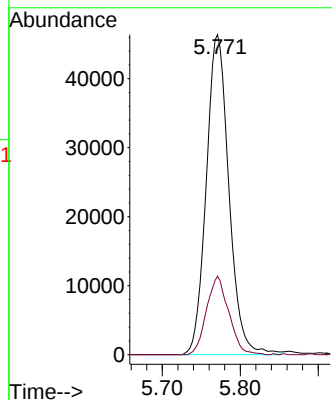
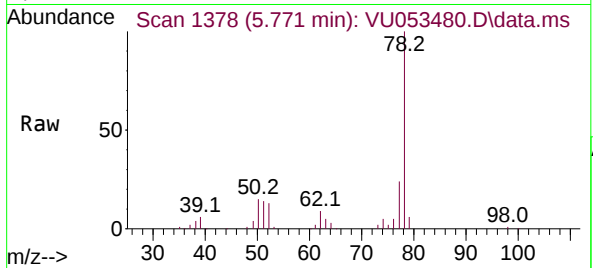
#35  
Benzene  
Concen: 1.990 ug/l  
RT: 5.771 min Scan# 1379  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01

Tgt Ion: 78 Resp: 9363  
Ion Ratio Lower Upper  
78 100  
77 24.5 18.9 28.3

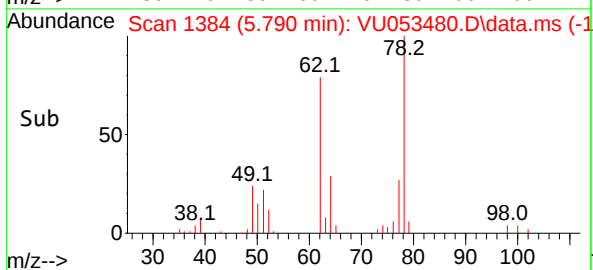
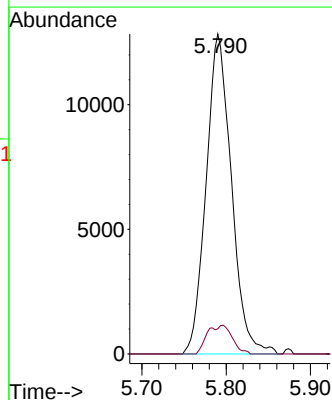
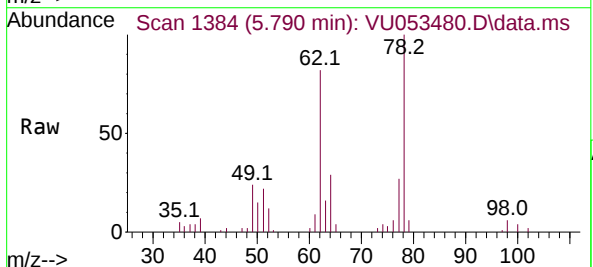
Manual Integrations  
APPROVED

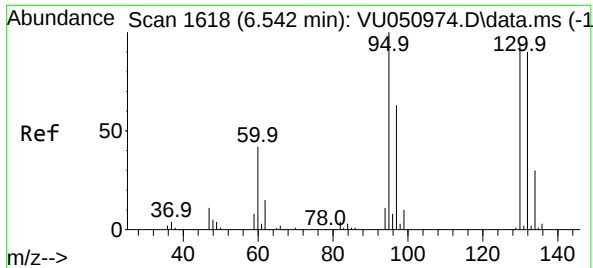
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#36  
1,2-Dichloroethane  
Concen: 1.980 ug/l  
RT: 5.790 min Scan# 1384  
Delta R.T. -0.006 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

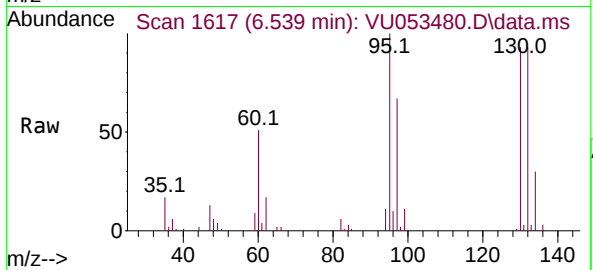
Tgt Ion: 62 Resp: 26765  
Ion Ratio Lower Upper  
62 100  
98 3.6 7.3 10.9#





#37  
 Trichloroethene  
 Concen: 1.956 ug/l  
 RT: 6.539 min Scan# 1617  
 Delta R.T. -0.003 min  
 Lab File: VU053480.D  
 Acq: 30 Mar 2023 11:48

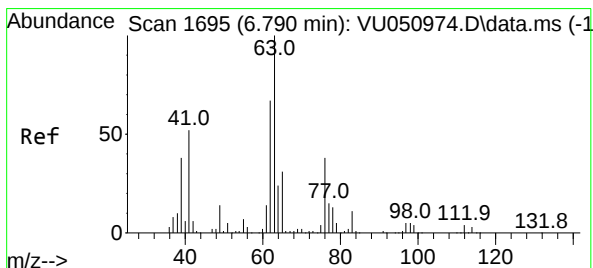
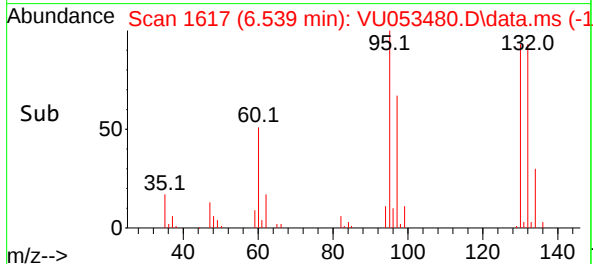
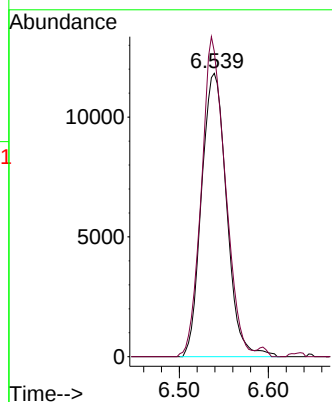
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0330WBS01



Tgt Ion:130 Resp: 23140  
 Ion Ratio Lower Upper  
 130 100  
 95 107.7 85.0 127.6

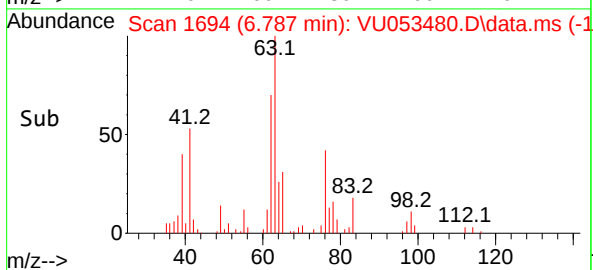
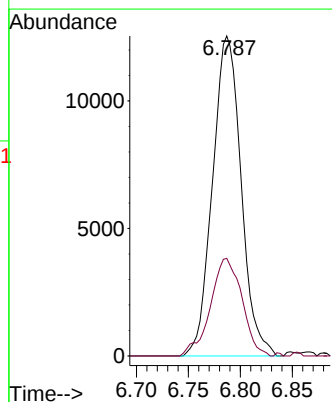
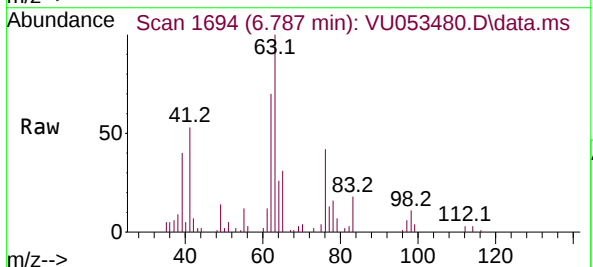
Manual Integrations  
 APPROVED

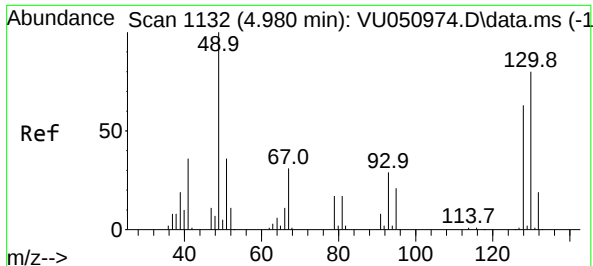
Reviewed By :Krupa Patel 04/07/2023  
 Supervised By :Mahesh Dadoda 04/07/2023



#38  
 1,2-Dichloropropane  
 Concen: 1.990 ug/l  
 RT: 6.787 min Scan# 1694  
 Delta R.T. -0.003 min  
 Lab File: VU053480.D  
 Acq: 30 Mar 2023 11:48

Tgt Ion: 63 Resp: 23994  
 Ion Ratio Lower Upper  
 63 100  
 65 30.5 24.9 37.3





#39

Methacrylonitrile

Concen: 2.004 ug/l

RT: 4.977 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

Instrument :

MSVOA\_U

ClientSampleId :

VU0330WBS01

Tgt Ion: 41 Resp: 5890

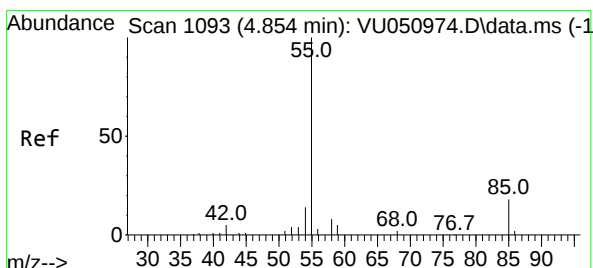
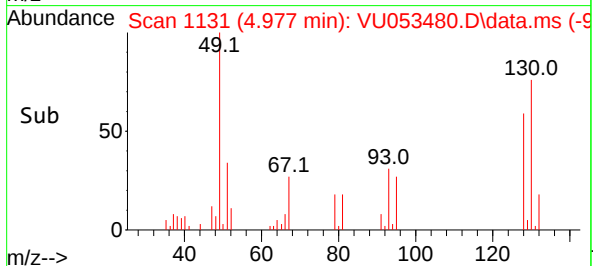
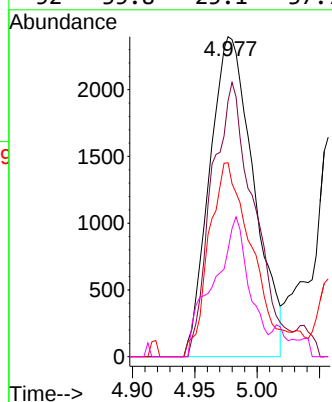
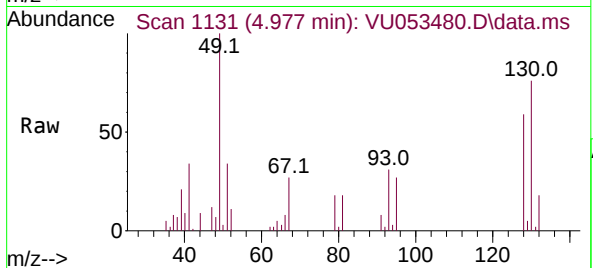
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 67  | 83.0  | 66.8  | 100.2 |
| 39  | 62.2  | 41.2  | 61.8  |
| 52  | 35.8  | 25.1  | 37.7  |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

Methyl acrylate

Concen: 2.040 ug/l m

RT: 4.858 min Scan# 1094

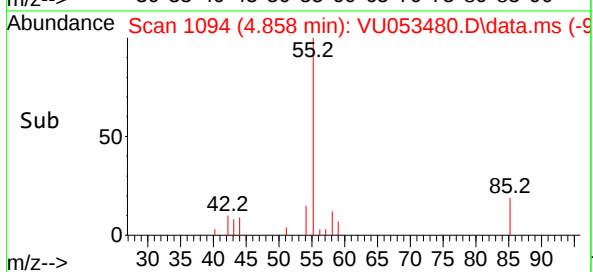
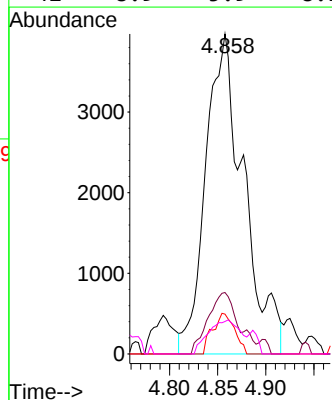
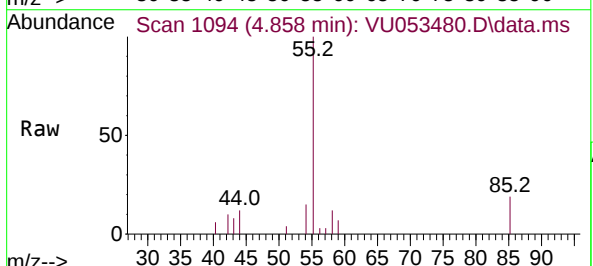
Delta R.T. 0.003 min

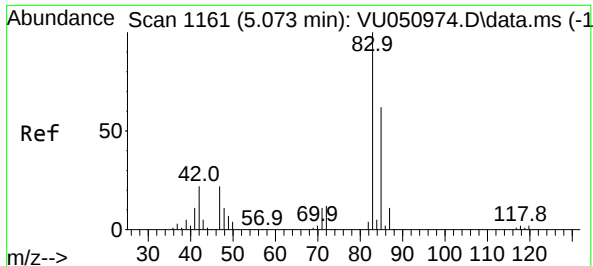
Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

Tgt Ion: 55 Resp: 10869

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 55  | 100   |       |       |
| 85  | 15.4  | 13.3  | 19.9  |
| 58  | 7.4   | 6.5   | 9.7   |
| 42  | 8.9   | 5.9   | 8.9   |





#41

Tetrahydrofuran

Concen: 4.198 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. 0.000 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

Instrument :

MSVOA\_U

ClientSampleId :

VU0330WBS01

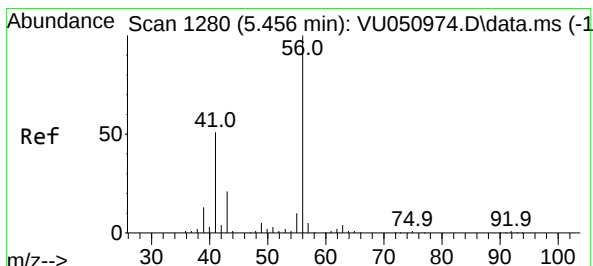
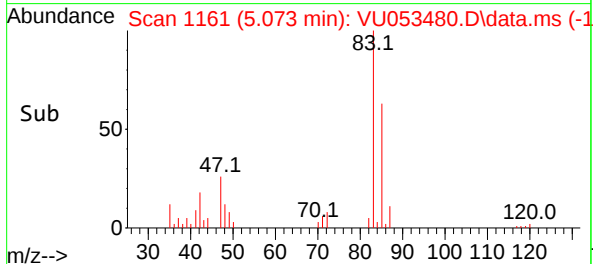
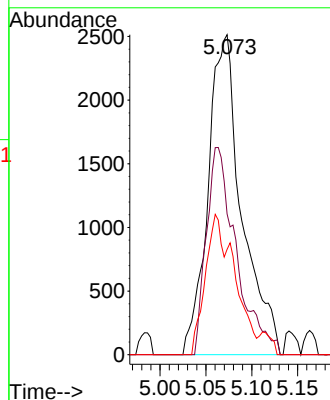
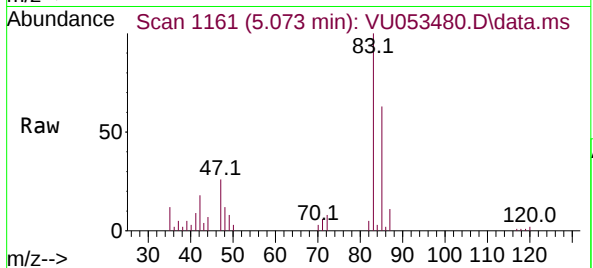
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 644  |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 57.4  | 40.9  | 61.3 |
| 71        | 22.8  | 36.9  | 55.3 |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#42

1-Chlorobutane

Concen: 1.975 ug/l

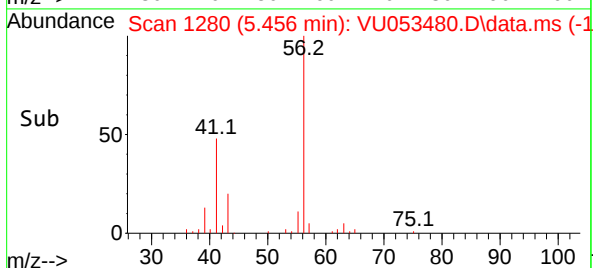
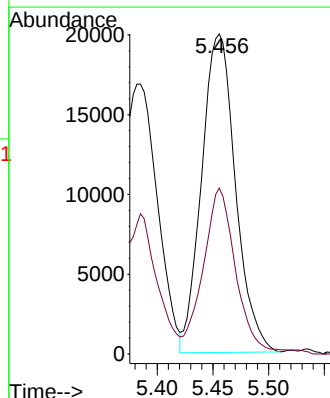
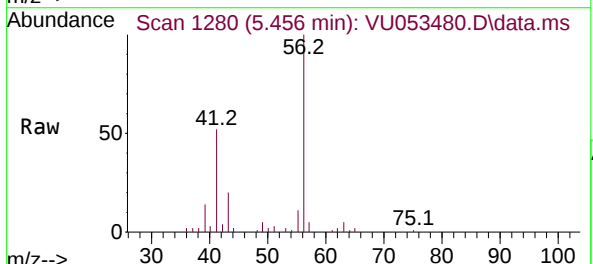
RT: 5.456 min Scan# 1280

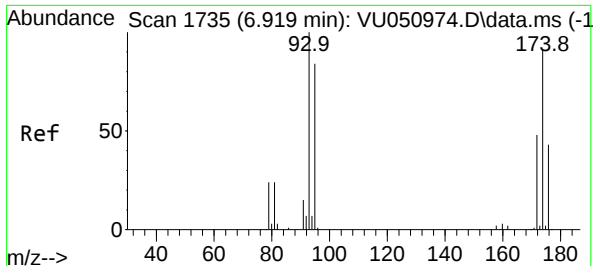
Delta R.T. -0.000 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

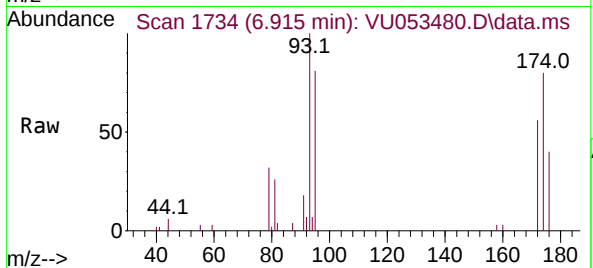
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 42254 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 41        | 47.9  | 25.2  | 75.6  |





#43  
Dibromomethane  
Concen: 1.960 ug/l  
RT: 6.915 min Scan# 1735  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

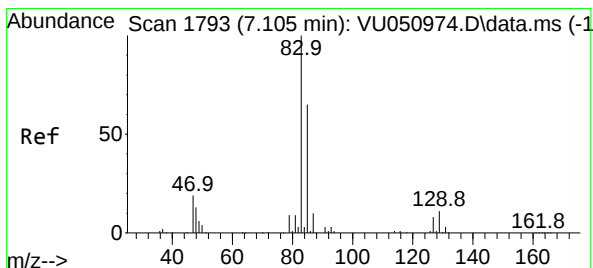
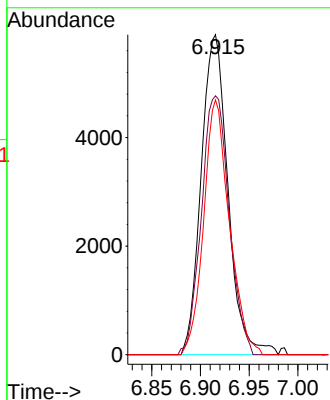
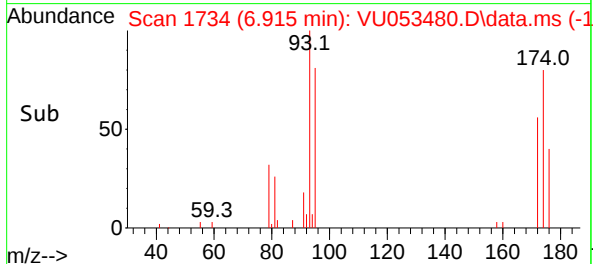
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



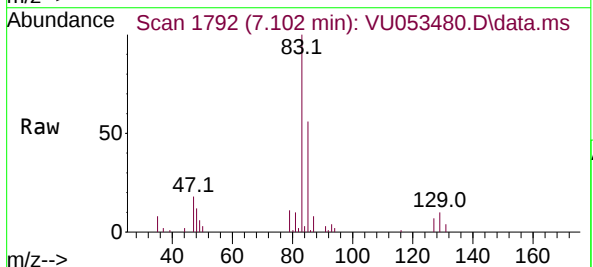
Tgt Ion: 93 Resp: 11259  
Ion Ratio Lower Upper  
93 100  
95 83.5 67.0 100.6  
174 76.5 73.8 110.6

Manual Integrations  
APPROVED

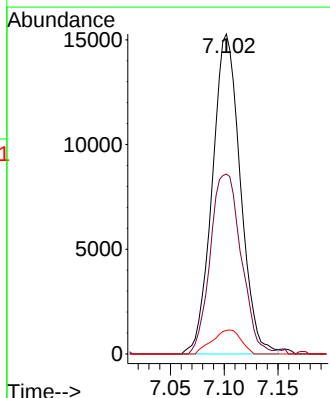
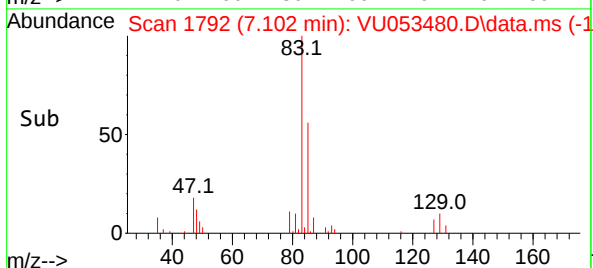
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

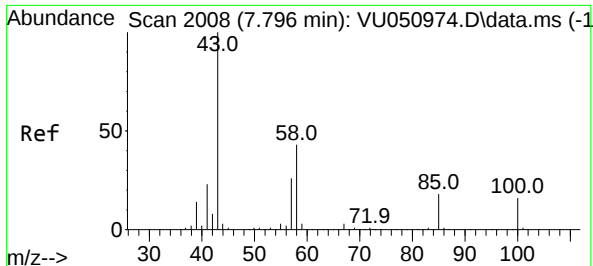


#44  
Bromodichloromethane  
Concen: 1.931 ug/l  
RT: 7.102 min Scan# 1792  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48



Tgt Ion: 83 Resp: 27735  
Ion Ratio Lower Upper  
83 100  
85 56.2 51.9 77.9  
127 7.4 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 10.051 ug/l

RT: 7.787 min Scan# 2005

Delta R.T. -0.010 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

Instrument :

MSVOA\_U

ClientSampleId :

VU0330WBS01

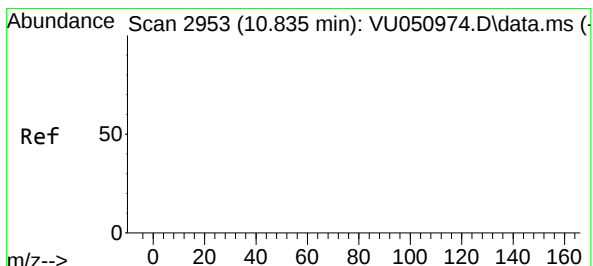
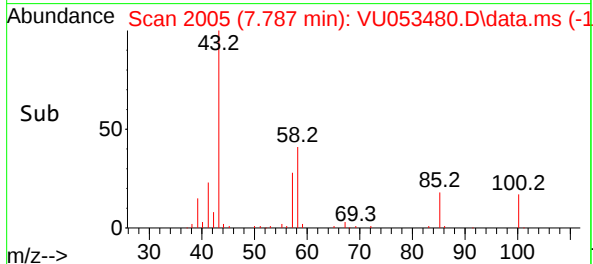
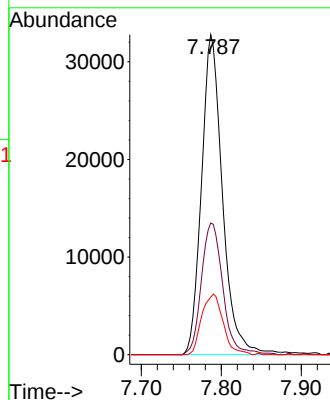
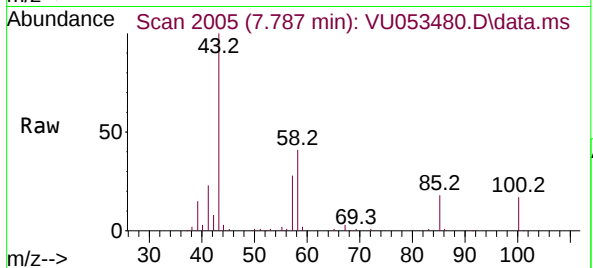
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 59890 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 42.2     | 20.9 62.8   |
| 85 19.3     | 14.6 21.8   |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#46

t-1,4-Dichloro-2-butene

Concen: 3.363 ug/l m

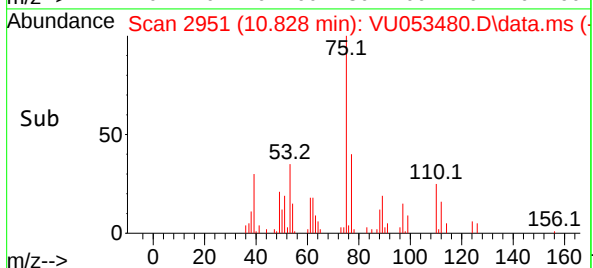
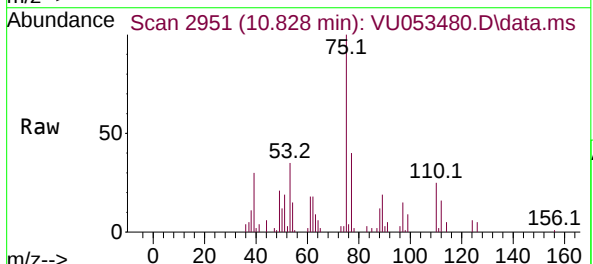
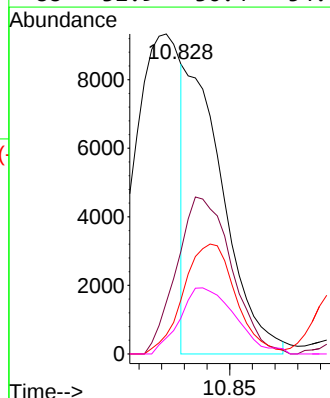
RT: 10.828 min Scan# 2951

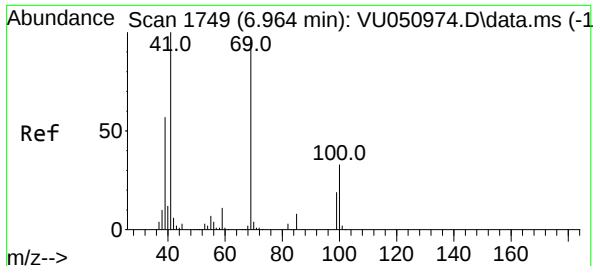
Delta R.T. -0.007 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 9937  |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 53 77.5     | 73.3 109.9  |
| 89 51.7     | 48.2 72.4   |
| 88 32.9     | 36.4 54.6   |





#47

Methyl methacrylate

Concen: 3.927 ug/l

RT: 6.960 min Scan# 1749

Delta R.T. -0.004 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

Instrument :

MSVOA\_U

ClientSampleId :

VU0330WBS01

Tgt Ion: 69 Resp: 2074

Ion Ratio Lower Upper

69 100

41 96.8 0.0 209.2

39 59.4 46.7 70.1

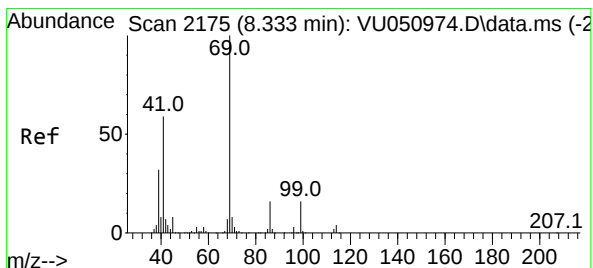
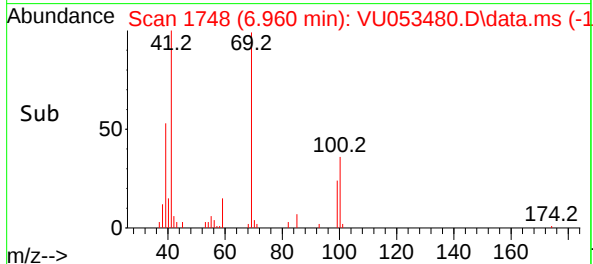
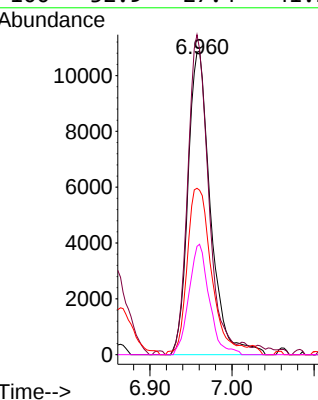
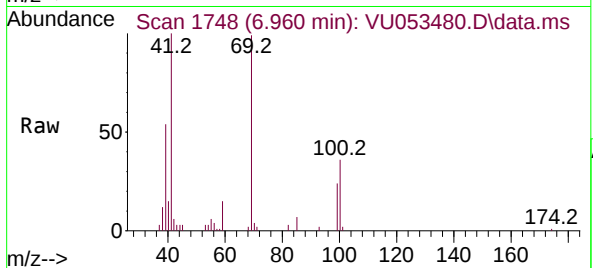
100 32.9 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#48

Ethyl methacrylate

Concen: 1.817 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VU053480.D

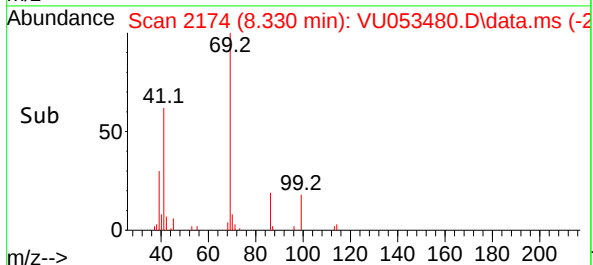
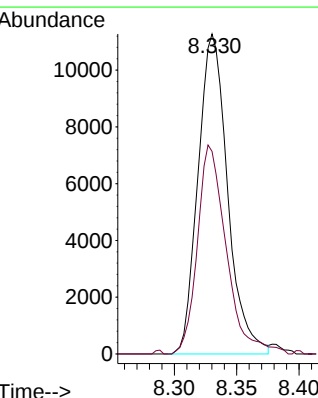
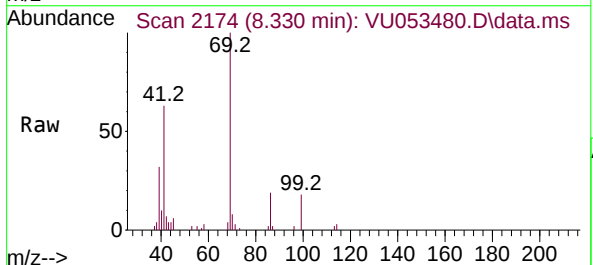
Acq: 30 Mar 2023 11:48

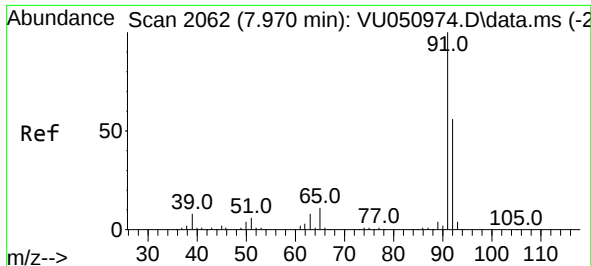
Tgt Ion: 69 Resp: 18612

Ion Ratio Lower Upper

69 100

41 63.9 30.3 90.8





#49

Toluene

Concen: 1.910 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

Instrument :

MSVOA\_U

ClientSampleId :

VU0330WBS01

Tgt Ion: 92 Resp: 5508

Ion Ratio Lower Upper

92 100

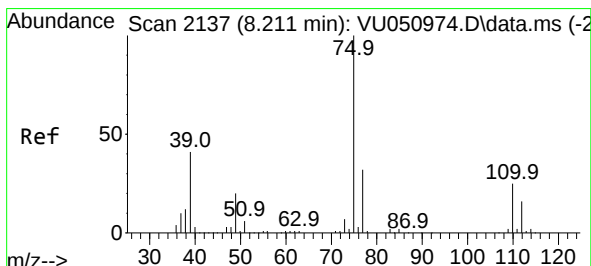
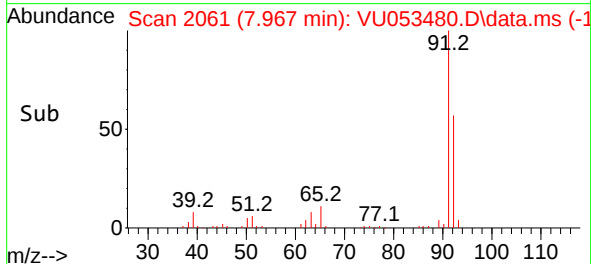
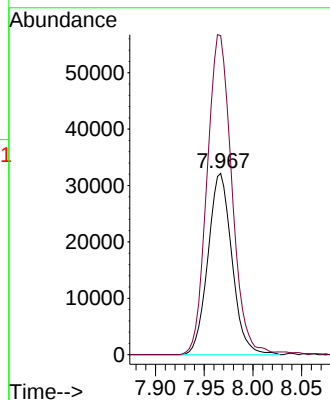
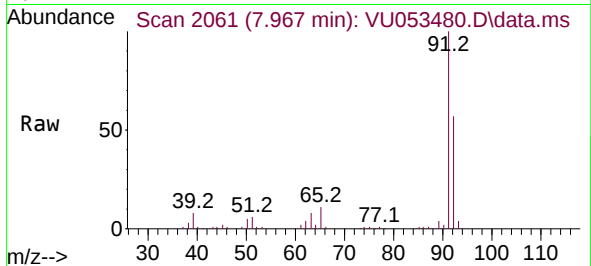
91 182.2 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#50

t-1,3-Dichloropropene

Concen: 2.057 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. -0.006 min

Lab File: VU053480.D

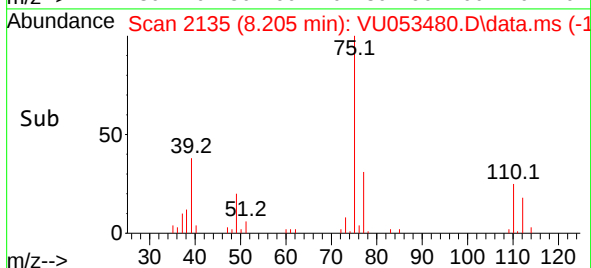
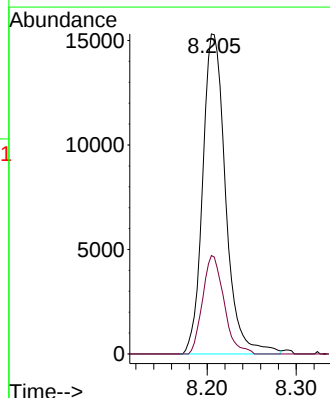
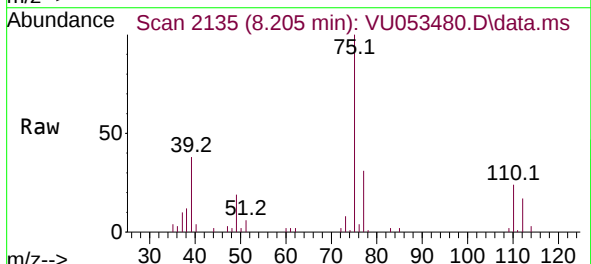
Acq: 30 Mar 2023 11:48

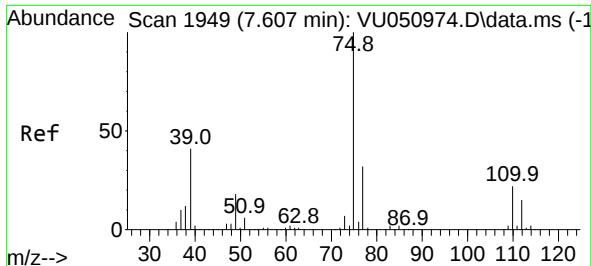
Tgt Ion: 75 Resp: 27371

Ion Ratio Lower Upper

75 100

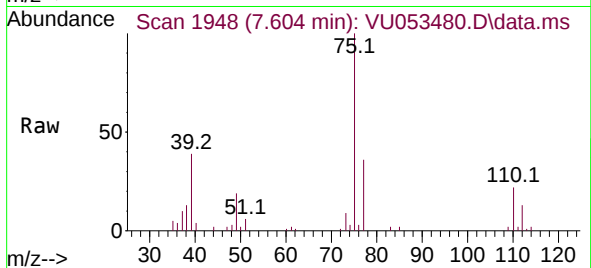
77 30.8 25.3 37.9





#51  
 cis-1,3-Dichloropropene  
 Concen: 2.020 ug/l  
 RT: 7.604 min Scan# 1949  
 Delta R.T. -0.003 min  
 Lab File: VU053480.D  
 Acq: 30 Mar 2023 11:48

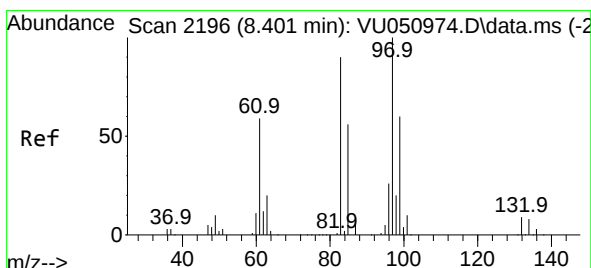
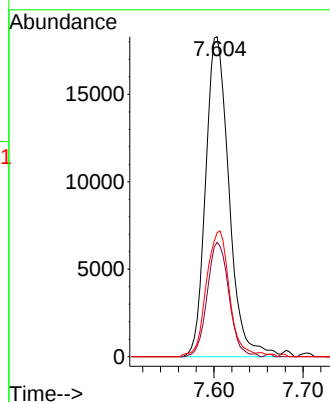
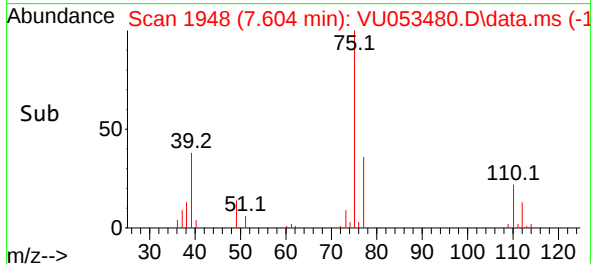
Instrument : MSVOA\_U  
 ClientSampleId : VU0330WBS01



Tgt Ion: 75 Resp: 33292  
 Ion Ratio Lower Upper  
 75 100  
 77 35.7 25.7 38.5  
 39 38.8 32.8 49.2

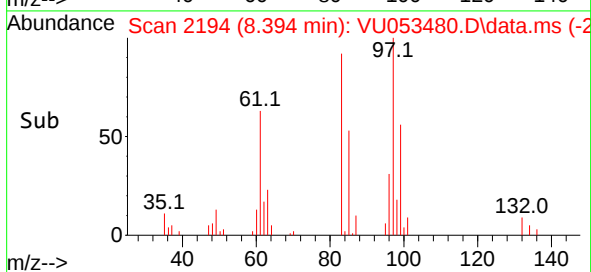
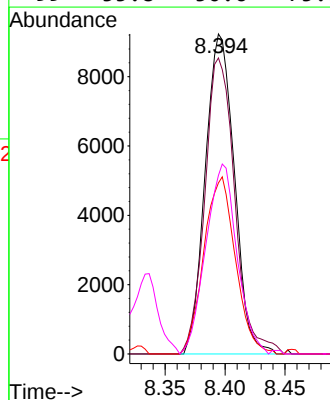
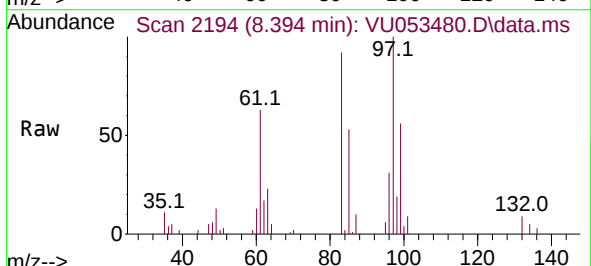
Manual Integrations  
 APPROVED

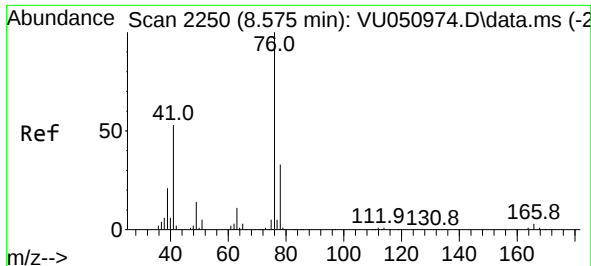
Reviewed By :Krupa Patel 04/07/2023  
 Supervised By :Mahesh Dadoda 04/07/2023



#52  
 1,1,2-Trichloroethane  
 Concen: 1.870 ug/l  
 RT: 8.394 min Scan# 2194  
 Delta R.T. -0.006 min  
 Lab File: VU053480.D  
 Acq: 30 Mar 2023 11:48

Tgt Ion: 97 Resp: 15580  
 Ion Ratio Lower Upper  
 97 100  
 83 92.5 71.8 107.8  
 85 53.4 45.2 67.8  
 99 55.8 50.6 75.8





#53

1,3-Dichloropropane

Concen: 2.093 ug/l

RT: 8.571 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

Instrument :

MSVOA\_U

ClientSampleId :

VU0330WBS01

Tgt Ion: 76 Resp: 30070

Ion Ratio Lower Upper

76 100

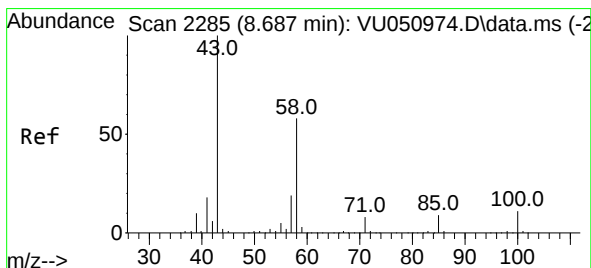
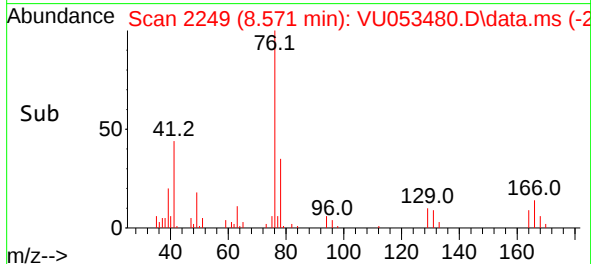
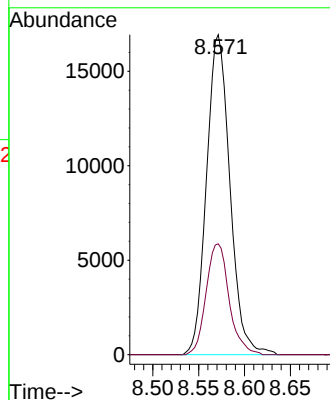
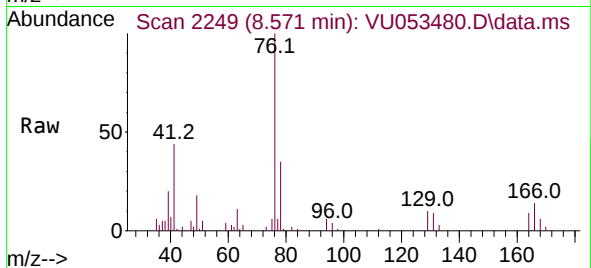
78 34.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#54

2-Hexanone

Concen: 9.044 ug/l

RT: 8.681 min Scan# 2283

Delta R.T. -0.006 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

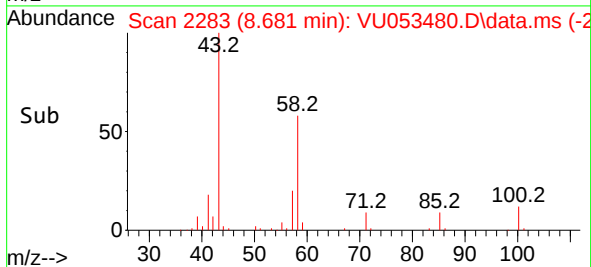
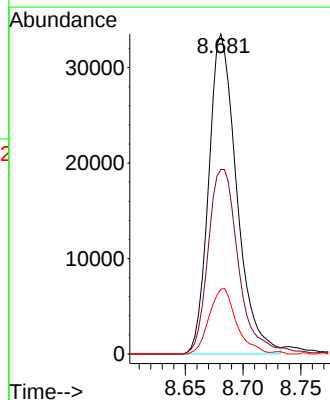
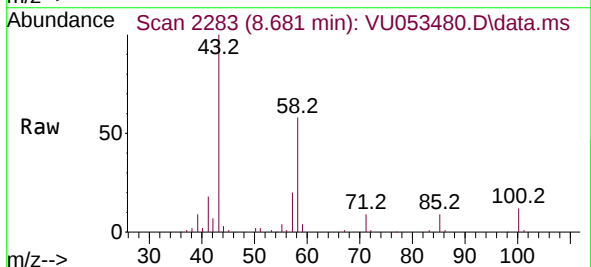
Tgt Ion: 43 Resp: 56538

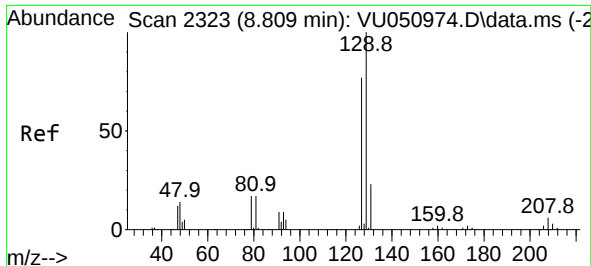
Ion Ratio Lower Upper

43 100

58 62.8 38.2 78.2

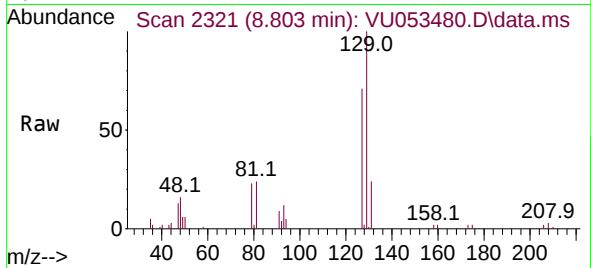
57 19.9 0.0 39.1





#55  
 Dibromochloromethane  
 Concen: 1.867 ug/l  
 RT: 8.803 min Scan# 2323  
 Delta R.T. -0.006 min  
 Lab File: VU053480.D  
 Acq: 30 Mar 2023 11:48

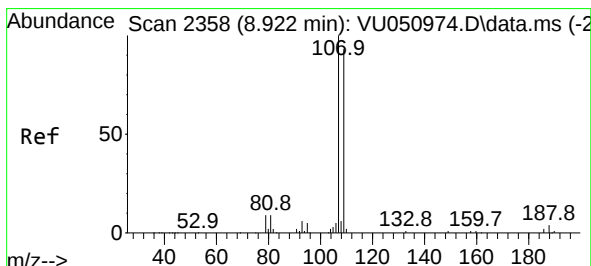
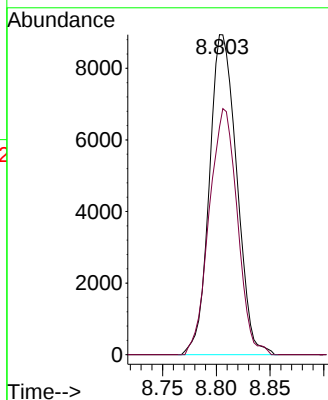
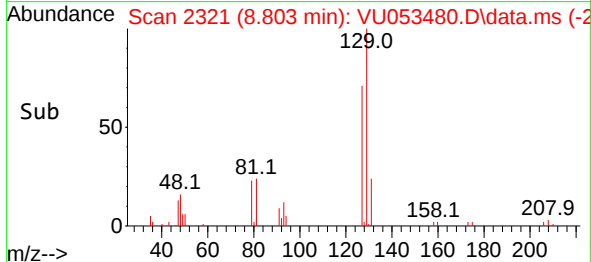
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0330WBS01



Tgt Ion:129 Resp: 15828  
 Ion Ratio Lower Upper  
 129 100  
 127 79.1 61.4 92.0

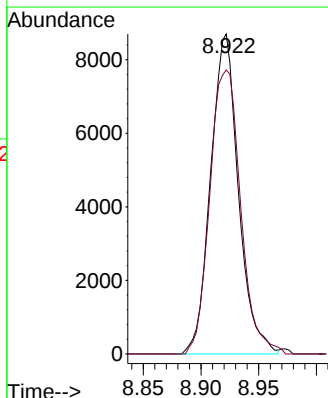
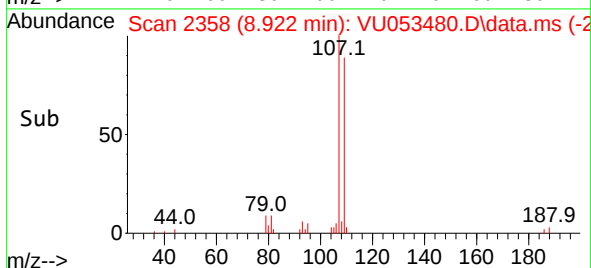
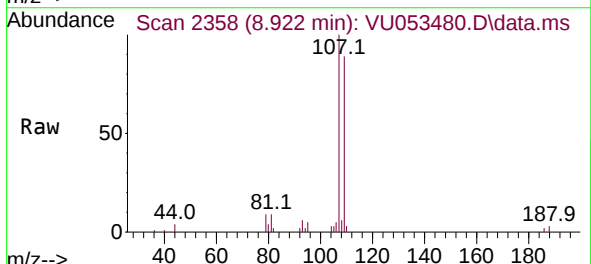
Manual Integrations  
 APPROVED

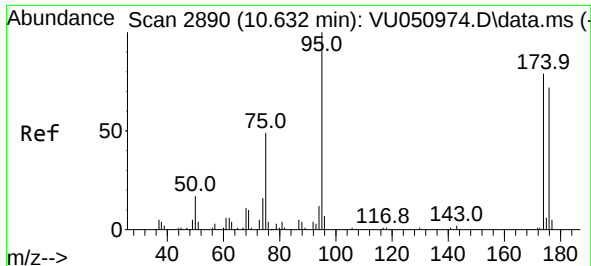
Reviewed By :Krupa Patel 04/07/2023  
 Supervised By :Mahesh Dadoda 04/07/2023



#56  
 1,2-Dibromoethane  
 Concen: 1.899 ug/l  
 RT: 8.922 min Scan# 2358  
 Delta R.T. -0.000 min  
 Lab File: VU053480.D  
 Acq: 30 Mar 2023 11:48

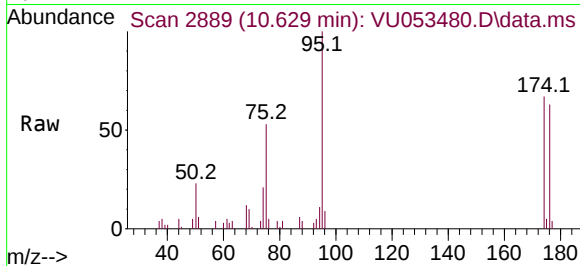
Tgt Ion:107 Resp: 14571  
 Ion Ratio Lower Upper  
 107 100  
 109 98.3 0.0 184.4





#57  
4-Bromofluorobenzene  
Concen: 0.905 ug/l  
RT: 10.629 min Scan# 2889  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

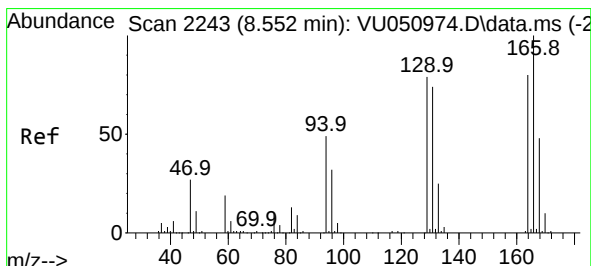
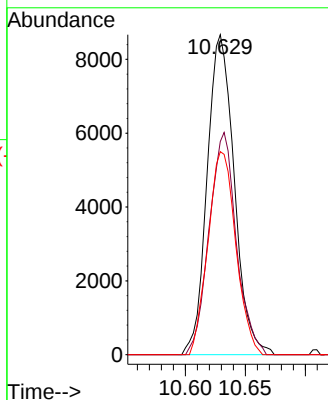
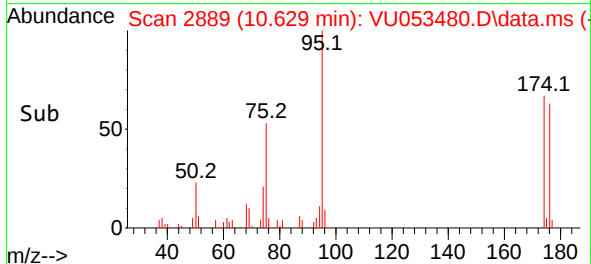
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



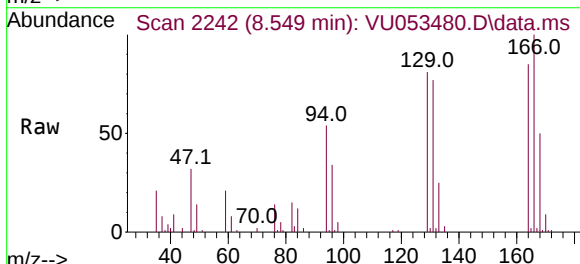
Tgt Ion: 95 Resp: 13620  
Ion Ratio Lower Upper  
95 100  
174 69.7 63.3 94.9  
176 65.0 59.3 88.9

Manual Integrations  
APPROVED

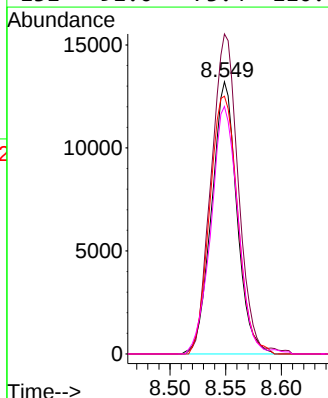
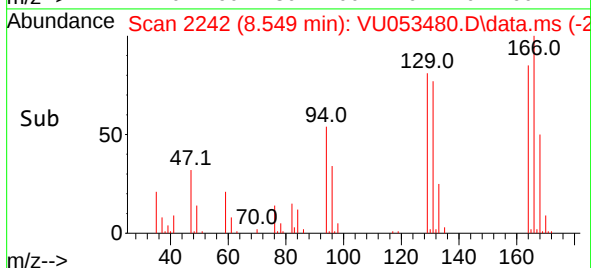
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

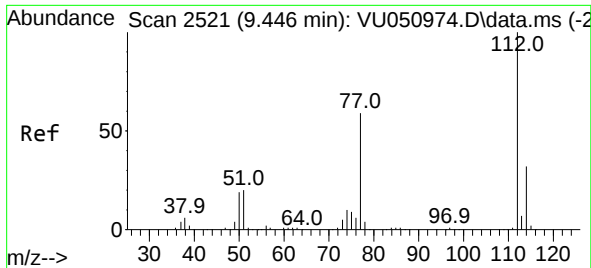


#58  
Tetrachloroethene  
Concen: 1.885 ug/l  
RT: 8.549 min Scan# 2242  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48



Tgt Ion:164 Resp: 20858  
Ion Ratio Lower Upper  
164 100  
166 117.6 99.6 149.4  
129 94.7 78.6 117.8  
131 91.0 73.4 110.0





#59

Chlorobenzene

Concen: 1.916 ug/l

RT: 9.443 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

Instrument :

MSVOA\_U

ClientSampleId :

VU0330WBS01

Tgt Ion:112 Resp: 60840

Ion Ratio Lower Upper

112 100

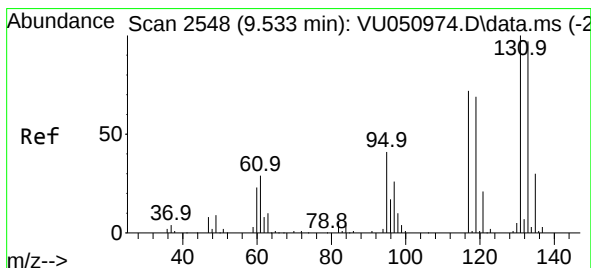
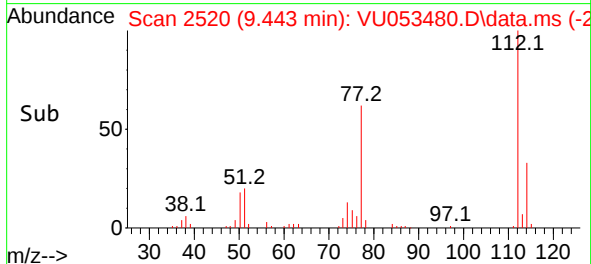
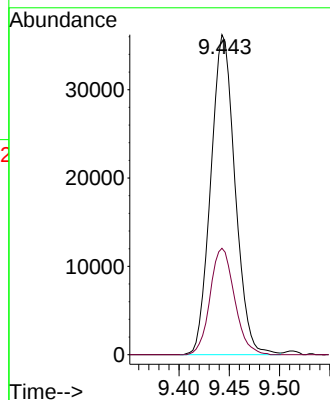
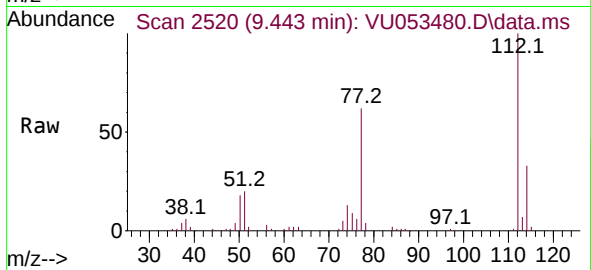
114 33.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#60

1,1,1,2-Tetrachloroethane

Concen: 1.988 ug/l

RT: 9.529 min Scan# 2547

Delta R.T. -0.003 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

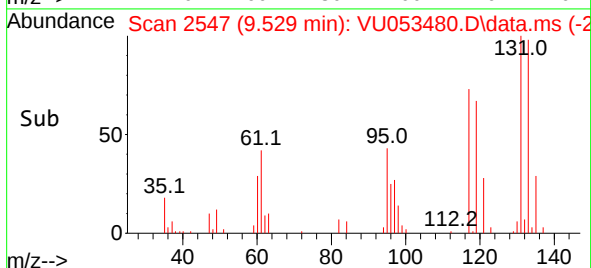
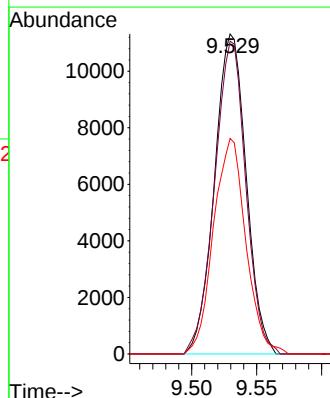
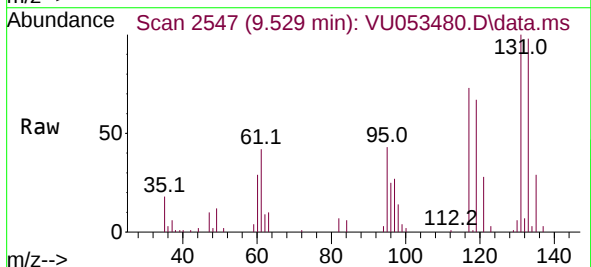
Tgt Ion:131 Resp: 19188

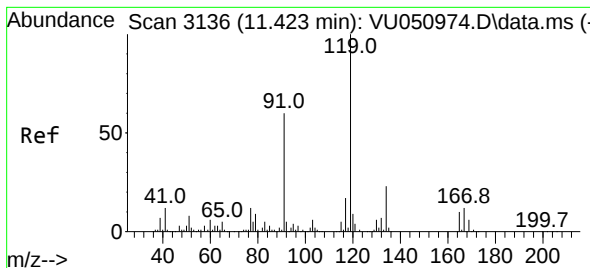
Ion Ratio Lower Upper

131 100

133 96.5 77.8 116.6

119 68.6 55.2 82.8





#61

Pentachloroethane

Concen: 1.847 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

Instrument :

MSVOA\_U

ClientSampleId :

VU0330WBS01

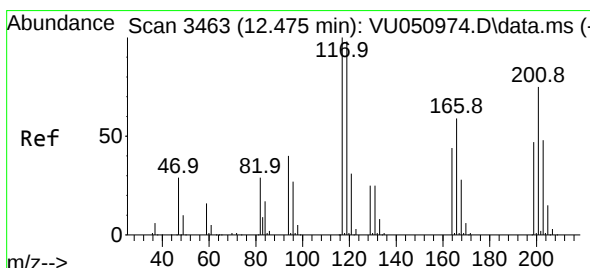
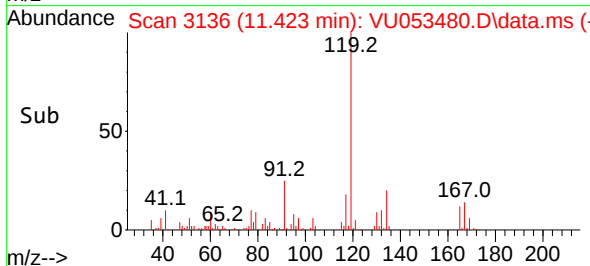
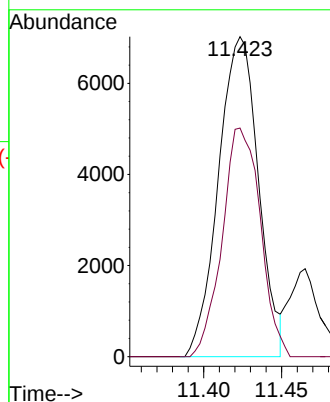
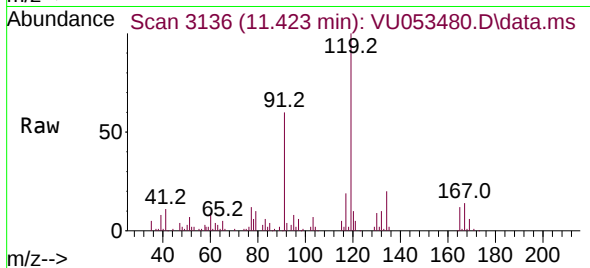
Tgt Ion:117 Resp: 12524  
 Ion Ratio Lower Upper  
 117 100  
 167 68.2 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#62

Hexachloroethane

Concen: 1.956 ug/l

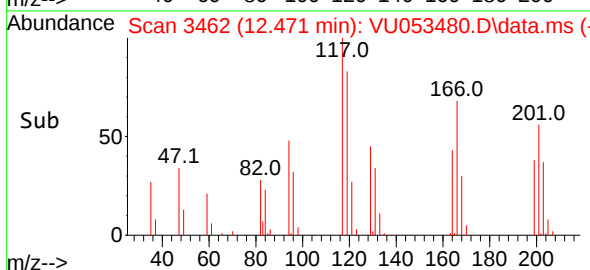
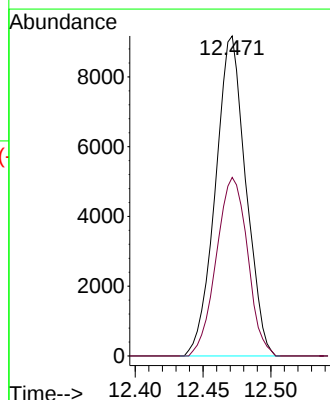
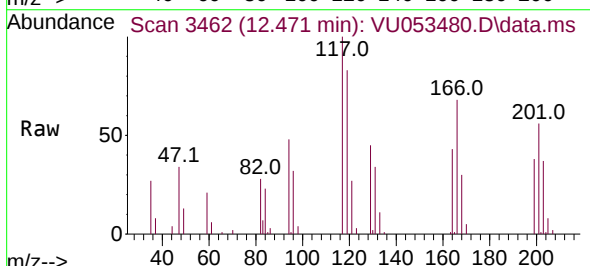
RT: 12.471 min Scan# 3462

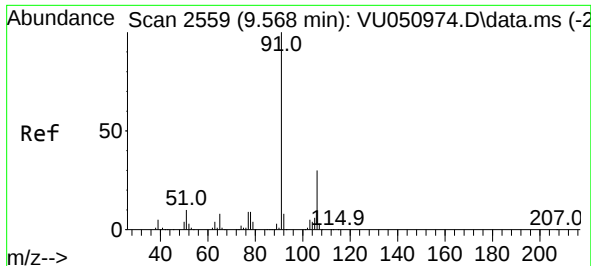
Delta R.T. -0.004 min

Lab File: VU053480.D

Acq: 30 Mar 2023 11:48

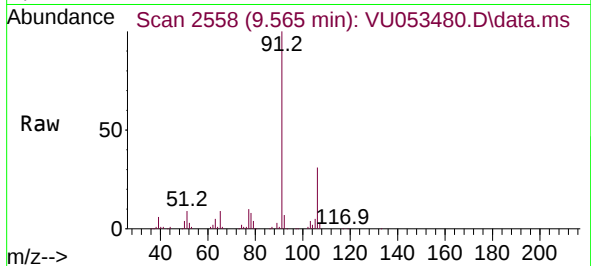
Tgt Ion:117 Resp: 14329  
 Ion Ratio Lower Upper  
 117 100  
 201 57.3 59.6 89.4#





#63  
Ethyl Benzene  
Concen: 1.923 ug/l  
RT: 9.565 min Scan# 2558  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

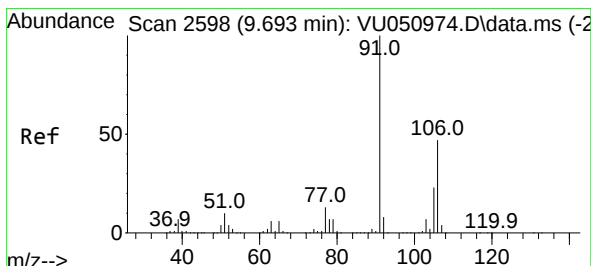
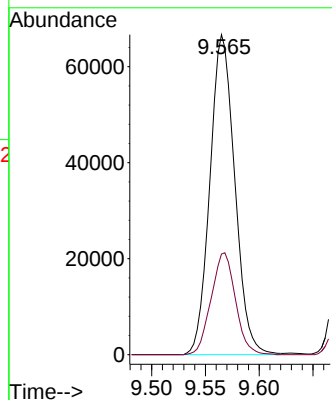
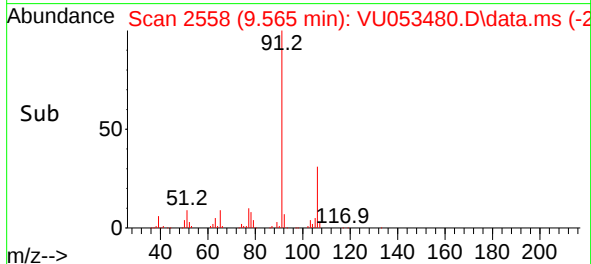
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



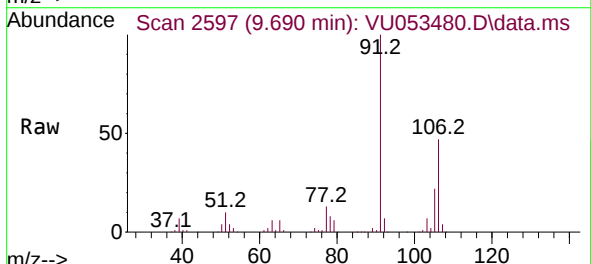
Tgt Ion: 91 Resp: 107079  
Ion Ratio Lower Upper  
91 100  
106 31.5 24.2 36.2

Manual Integrations  
APPROVED

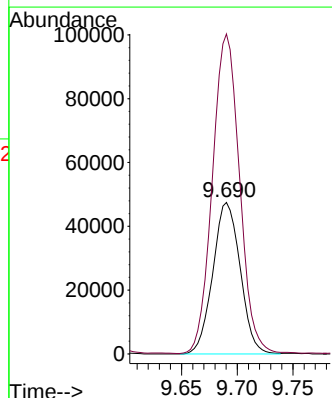
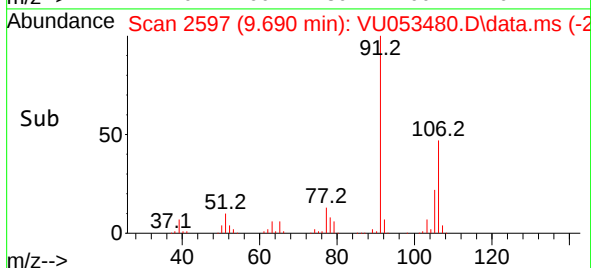
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

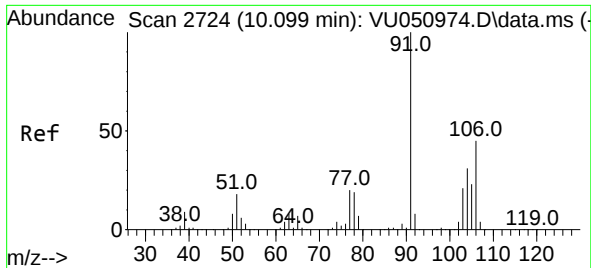


#64  
m/p-Xylenes  
Concen: 3.809 ug/l  
RT: 9.690 min Scan# 2597  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48



Tgt Ion:106 Resp: 81099  
Ion Ratio Lower Upper  
106 100  
91 209.2 167.3 250.9





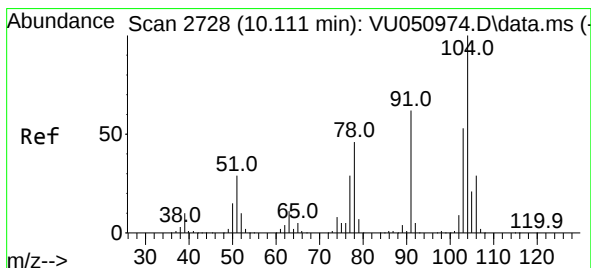
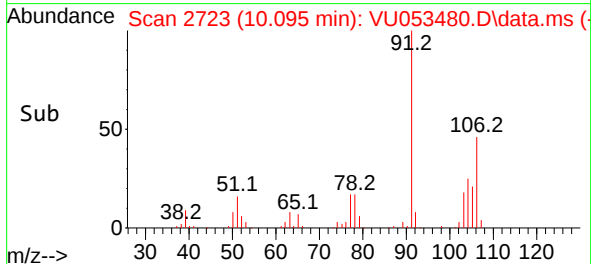
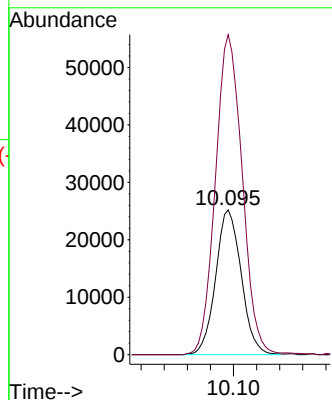
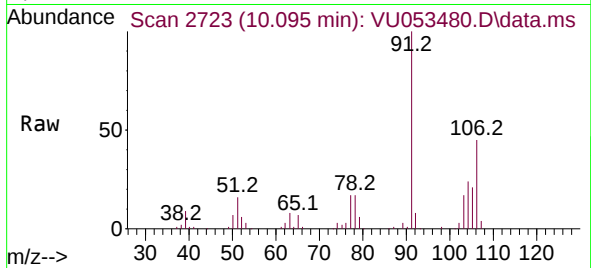
#65  
o-Xylene  
Concen: 1.859 ug/l  
RT: 10.095 min Scan# 2723  
Delta R.T. -0.004 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01

Tgt Ion:106 Resp: 38729  
Ion Ratio Lower Upper  
106 100  
91 232.5 109.3 327.9

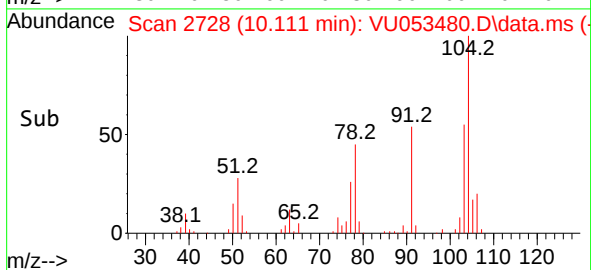
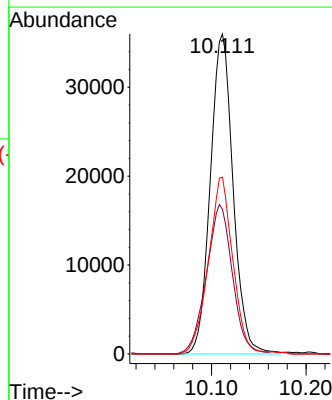
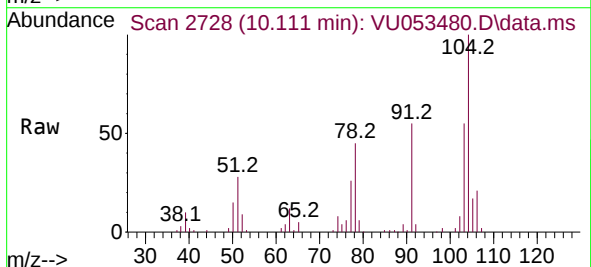
Manual Integrations  
APPROVED

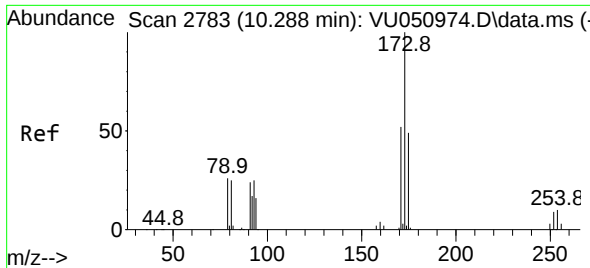
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#66  
Styrene  
Concen: 1.881 ug/l  
RT: 10.111 min Scan# 2728  
Delta R.T. 0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

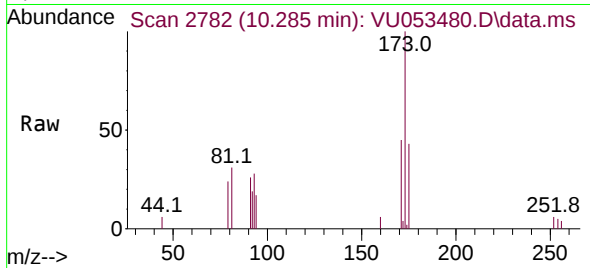
Tgt Ion:104 Resp: 60248  
Ion Ratio Lower Upper  
104 100  
78 53.1 39.7 59.5  
103 59.4 44.8 67.2





#67  
Bromoform  
Concen: 2.021 ug/l  
RT: 10.285 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

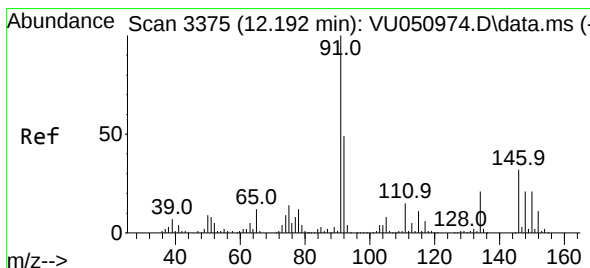
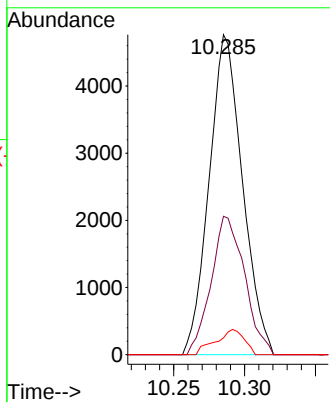
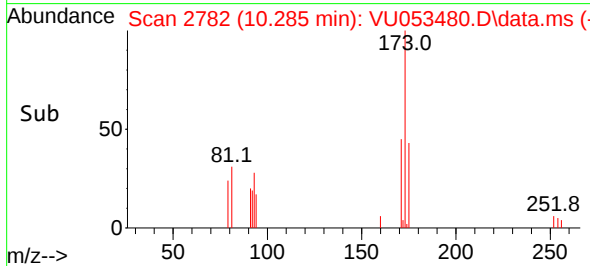
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



Tgt Ion:173 Resp: 7794  
Ion Ratio Lower Upper  
173 100  
175 43.3 39.0 58.6  
254 6.7 7.4 11.0

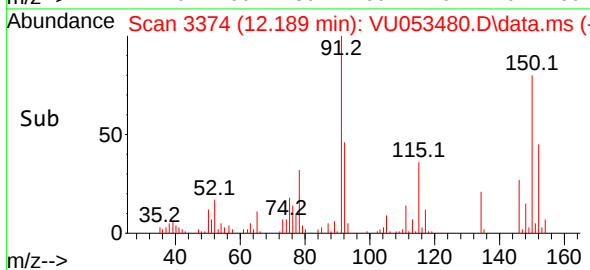
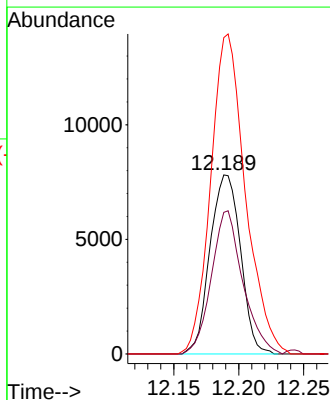
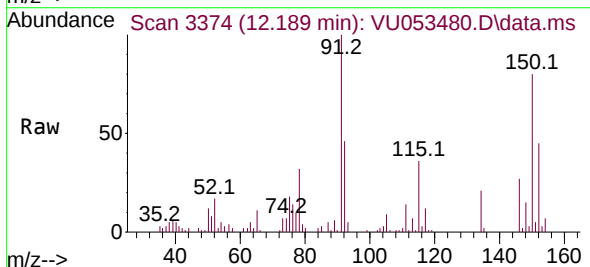
Manual Integrations  
APPROVED

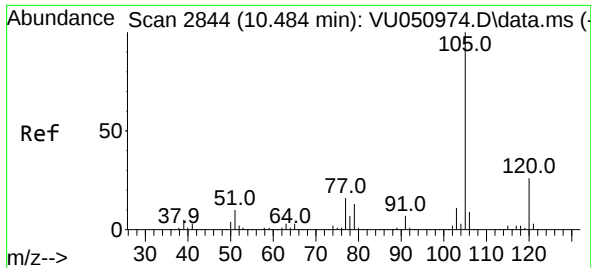
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#68  
1,2-Dichlorobenzene-d4  
Concen: 0.844 ug/l  
RT: 12.189 min Scan# 3374  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Tgt Ion:152 Resp: 12756  
Ion Ratio Lower Upper  
152 100  
115 82.4 0.0 308.8  
150 202.9 0.0 635.0





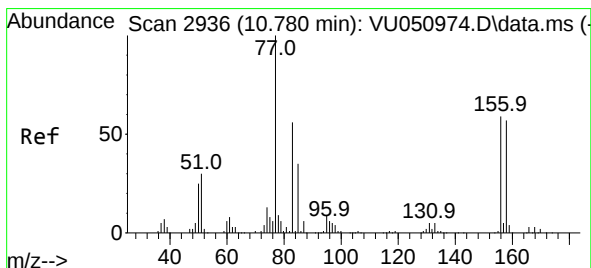
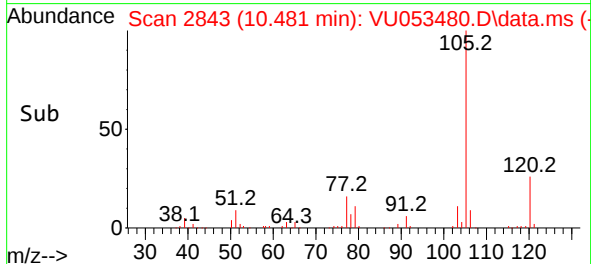
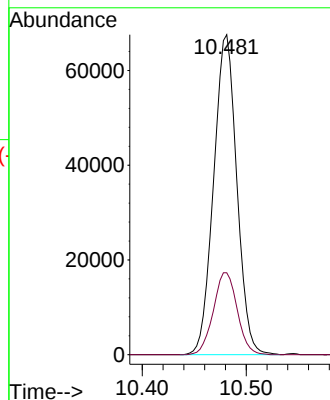
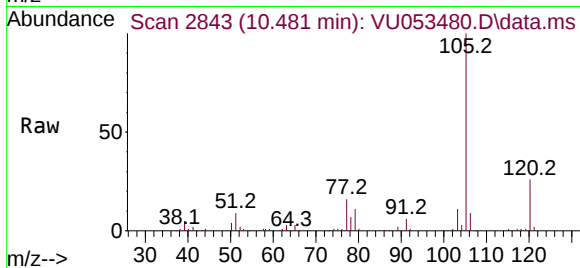
#69  
Isopropylbenzene  
Concen: 1.918 ug/l  
RT: 10.481 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01

Tgt Ion:105 Resp: 104662  
Ion Ratio Lower Upper  
105 100  
120 26.4 12.8 38.4

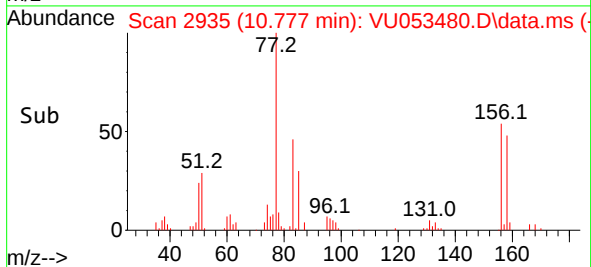
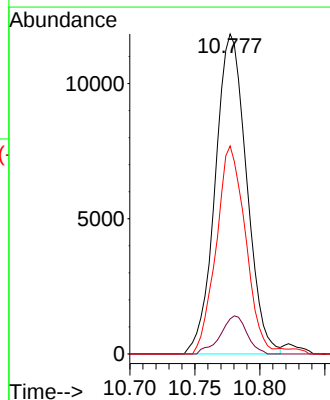
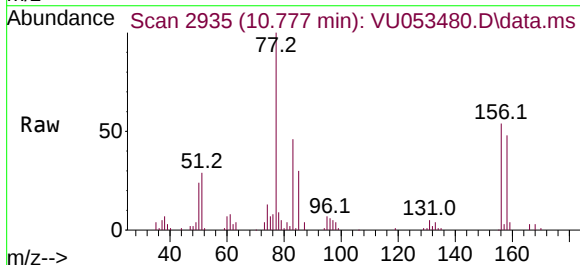
Manual Integrations  
APPROVED

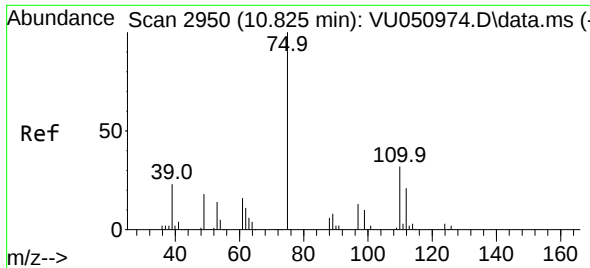
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#70  
1,1,2,2-Tetrachloroethane  
Concen: 1.978 ug/l  
RT: 10.777 min Scan# 2935  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

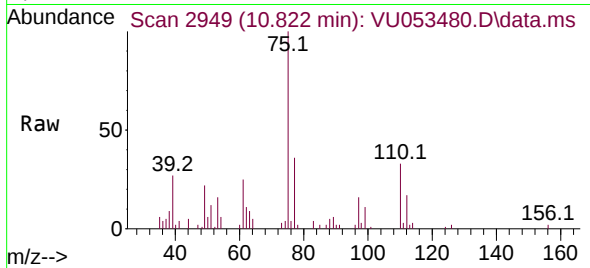
Tgt Ion: 83 Resp: 19837  
Ion Ratio Lower Upper  
83 100  
131 10.1 7.2 10.8  
85 60.5 50.5 75.7





#71  
1,2,3-Trichloropropane  
Concen: 1.827 ug/l m  
RT: 10.822 min Scan# 2949  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01

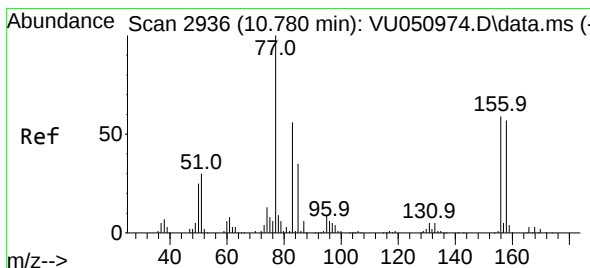
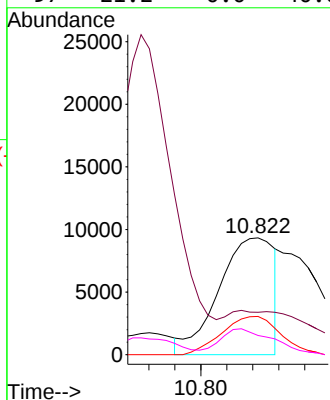
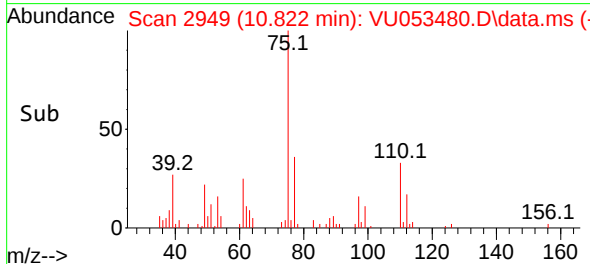


Tgt Ion: 75 Resp: 1383

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 116.4 |
| 110 | 34.5  | 0.0   | 74.6  |
| 97  | 21.2  | 0.0   | 40.0  |

Manual Integrations  
APPROVED

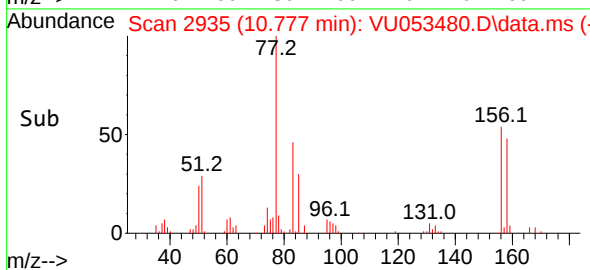
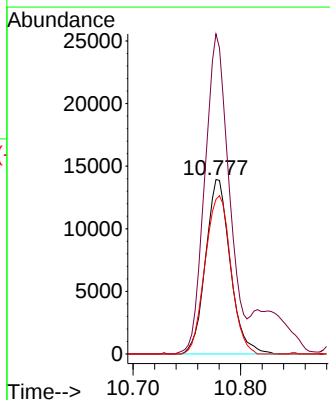
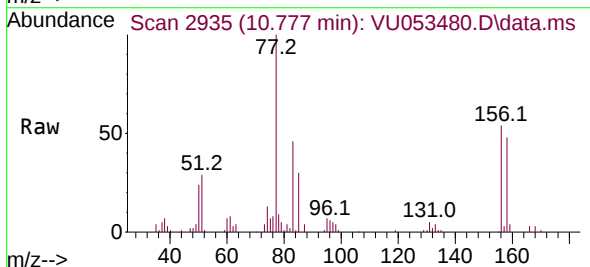
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

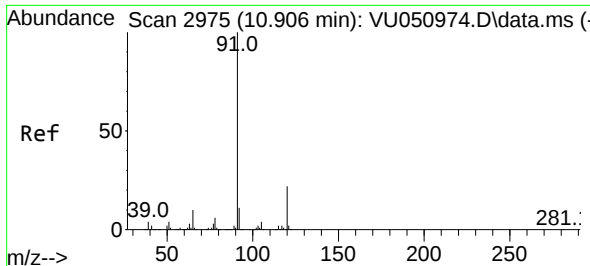


#72  
Bromobenzene  
Concen: 1.940 ug/l  
RT: 10.777 min Scan# 2935  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Tgt Ion:156 Resp: 22174

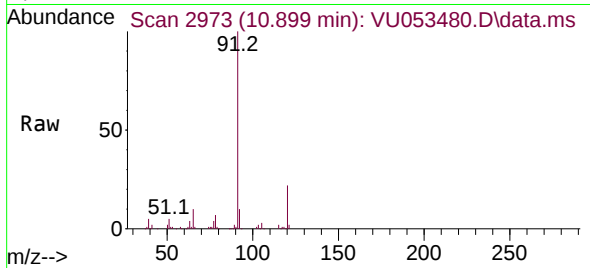
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 181.2 | 0.0   | 343.0 |
| 158 | 94.7  | 0.0   | 194.8 |





#73  
n-propylbenzene  
Concen: 1.983 ug/l  
RT: 10.899 min Scan# 2975  
Delta R.T. -0.007 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

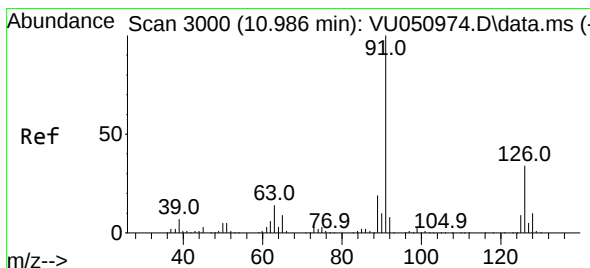
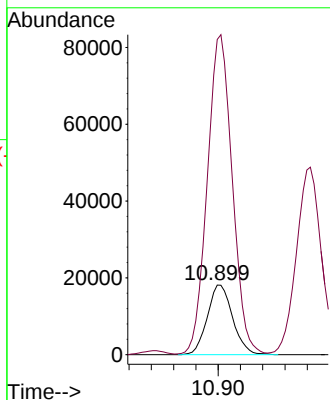
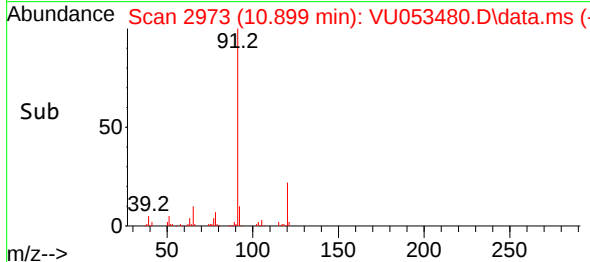
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



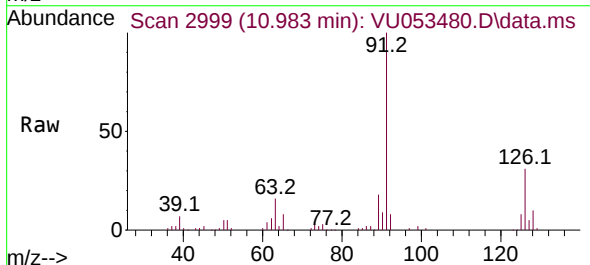
Tgt Ion:120 Resp: 28570  
Ion Ratio Lower Upper  
120 100  
91 451.8 369.8 554.6

Manual Integrations  
APPROVED

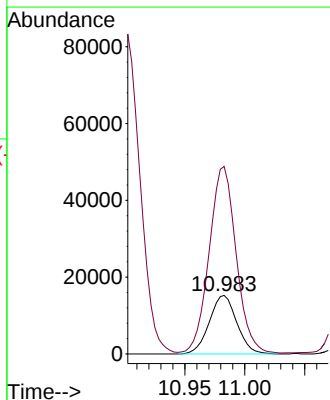
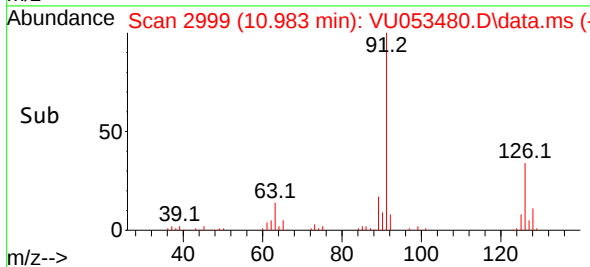
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

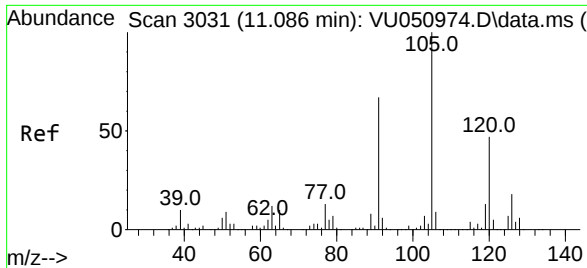


#74  
2-Chlorotoluene  
Concen: 1.942 ug/l  
RT: 10.983 min Scan# 2999  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48



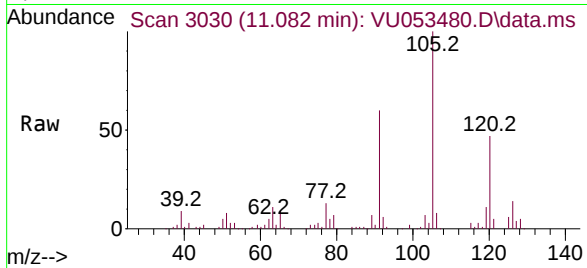
Tgt Ion:126 Resp: 24204  
Ion Ratio Lower Upper  
126 100  
91 313.0 0.0 610.0





#75  
1,3,5-Trimethylbenzene  
Concen: 1.895 ug/l  
RT: 11.082 min Scan# 3031  
Delta R.T. -0.004 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

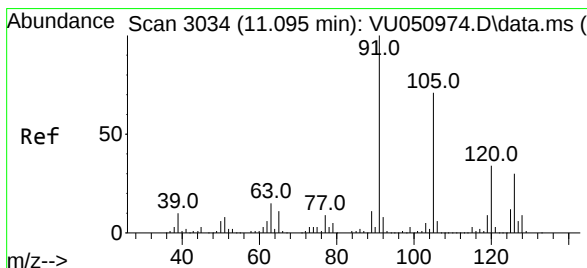
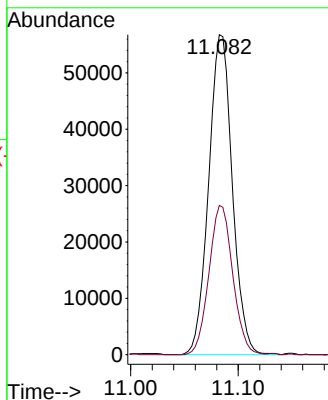
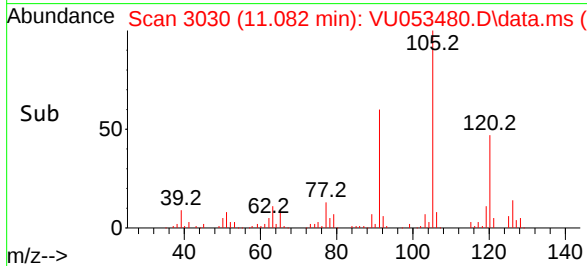
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



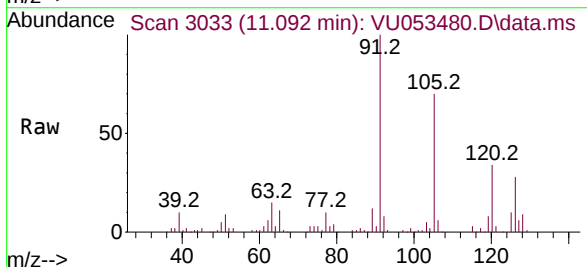
Tgt Ion:105 Resp: 8683  
Ion Ratio Lower Upper  
105 100  
120 46.9 37.8 56.8

Manual Integrations  
APPROVED

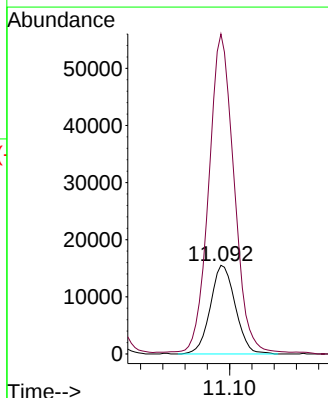
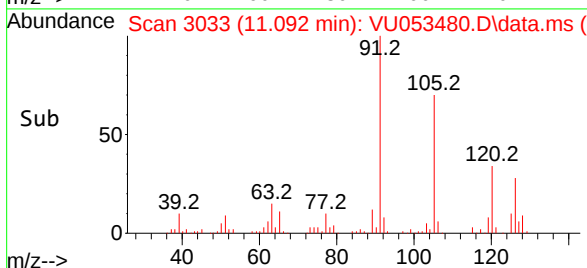
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

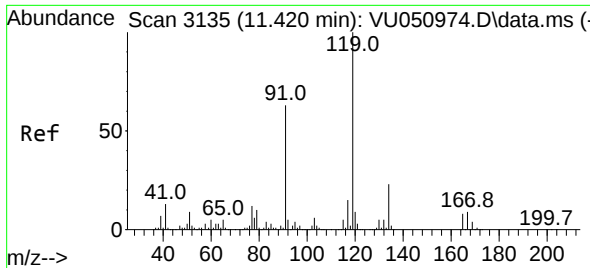


#76  
4-Chlorotoluene  
Concen: 1.865 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48



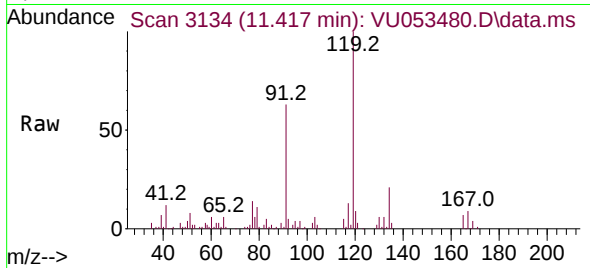
Tgt Ion:126 Resp: 24137  
Ion Ratio Lower Upper  
126 100  
91 360.3 0.0 686.2





#77  
tert-Butylbenzene  
Concen: 1.880 ug/l  
RT: 11.417 min Scan# 3135  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

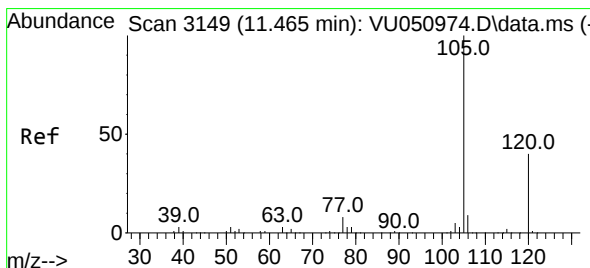
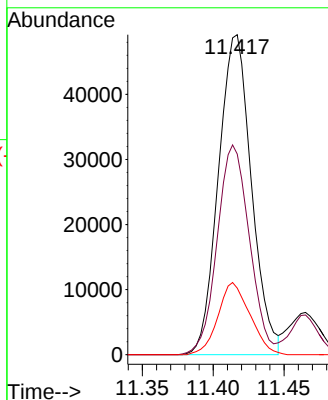
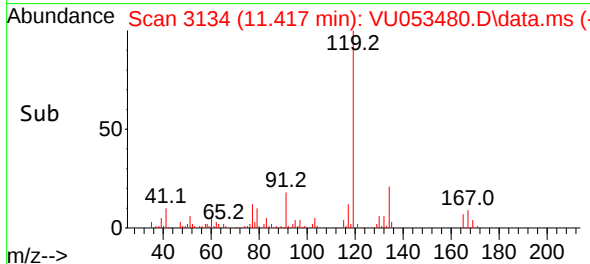
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



Tgt Ion:119 Resp: 7985  
Ion Ratio Lower Upper  
119 100  
91 63.9 30.8 92.4  
134 21.8 18.0 27.0

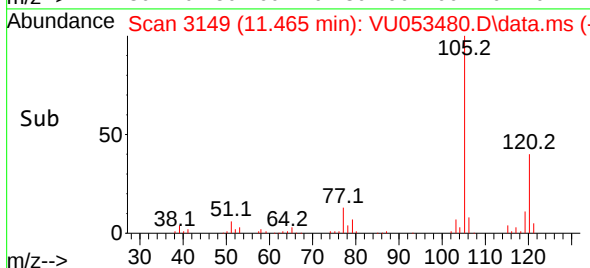
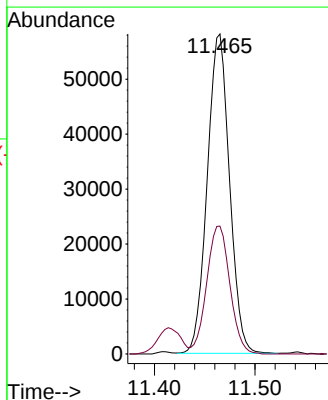
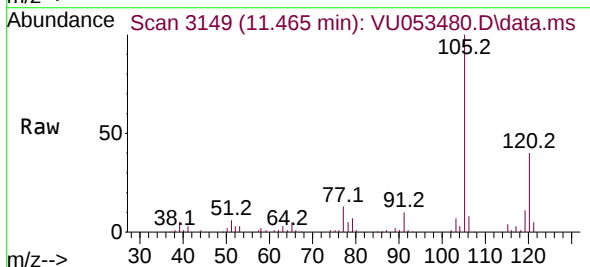
Manual Integrations  
APPROVED

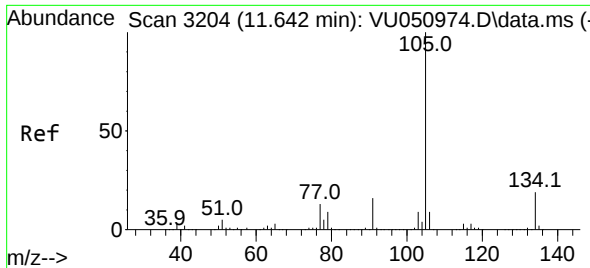
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#78  
1,2,4-Trimethylbenzene  
Concen: 1.914 ug/l  
RT: 11.465 min Scan# 3149  
Delta R.T. 0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

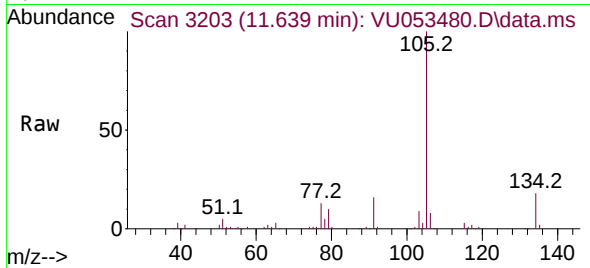
Tgt Ion:105 Resp: 89324  
Ion Ratio Lower Upper  
105 100  
120 41.9 21.9 65.8





#79  
sec-Butylbenzene  
Concen: 1.887 ug/l  
RT: 11.639 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

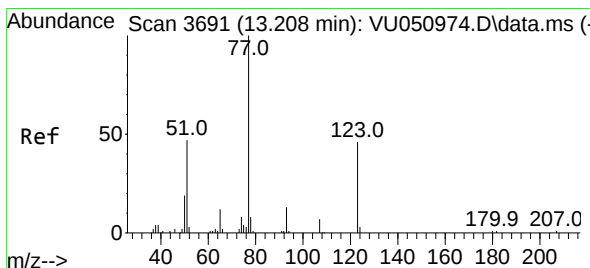
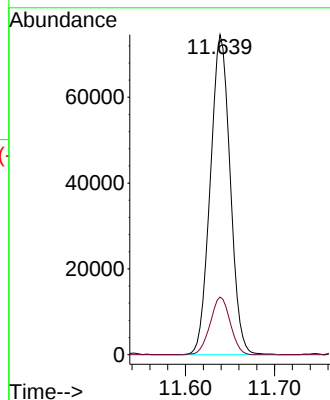
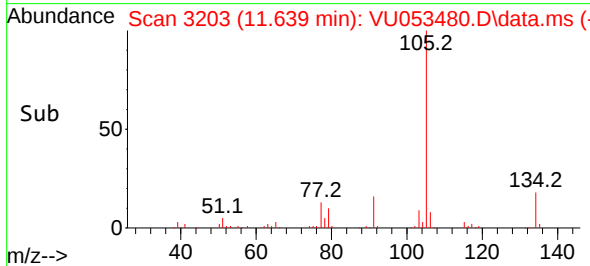
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



Tgt Ion:105 Resp: 115429  
Ion Ratio Lower Upper  
105 100  
134 18.2 14.9 22.3

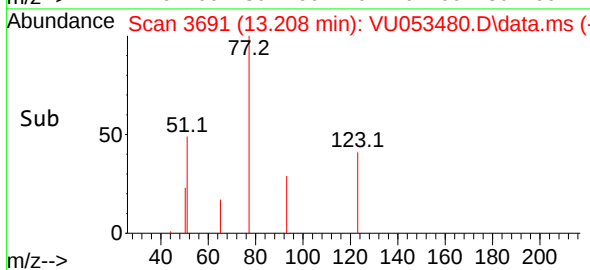
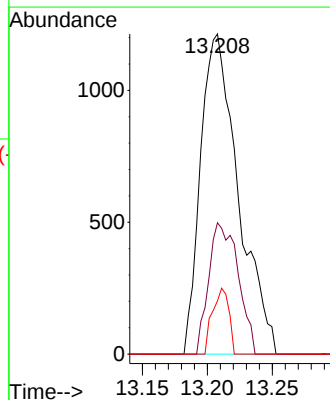
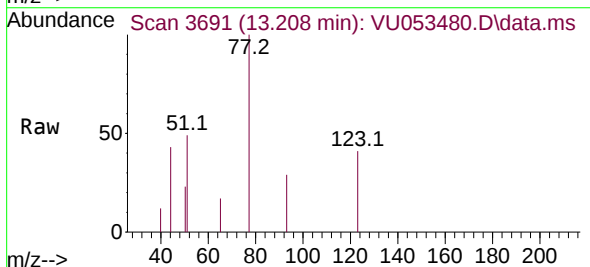
Manual Integrations  
APPROVED

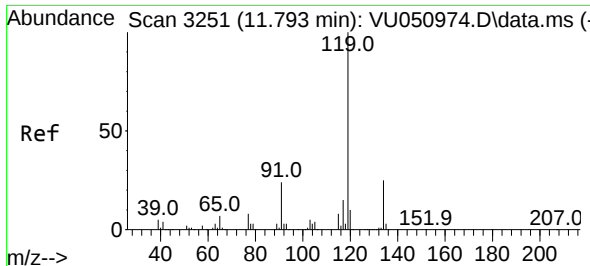
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#80  
Nitrobenzene  
Concen: 9.725 ug/l  
RT: 13.208 min Scan# 3691  
Delta R.T. -0.000 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Tgt Ion: 77 Resp: 2450  
Ion Ratio Lower Upper  
77 100  
123 32.0 19.7 69.7  
65 8.9 11.5 14.7#





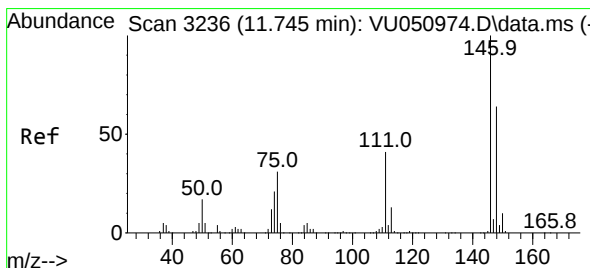
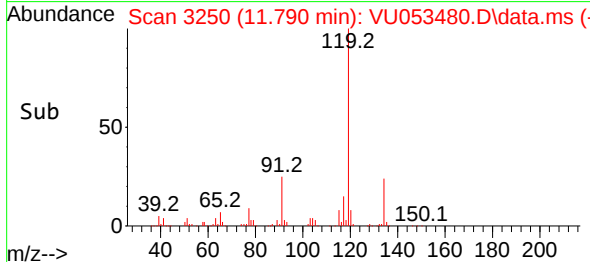
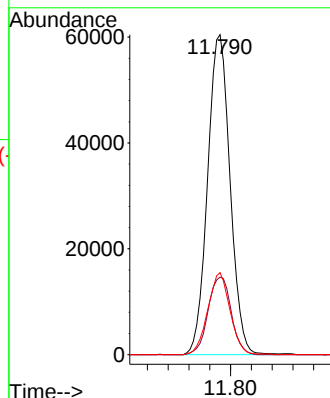
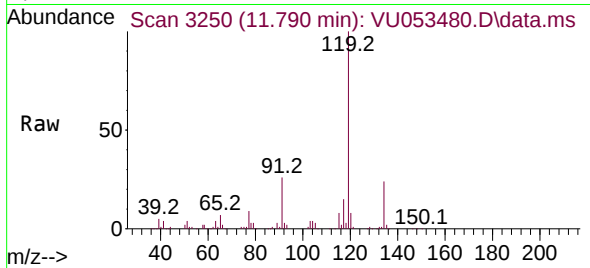
#81  
p-Isopropyltoluene  
Concen: 1.891 ug/l  
RT: 11.790 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01

Tgt Ion:119 Resp: 90849  
Ion Ratio Lower Upper  
119 100  
134 24.9 20.2 30.4  
91 25.4 19.3 28.9

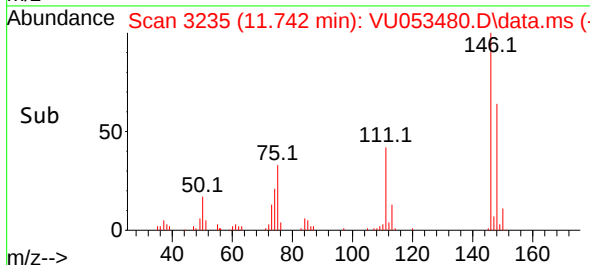
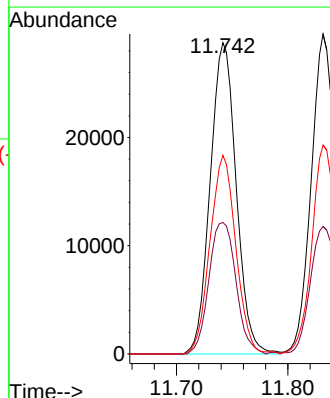
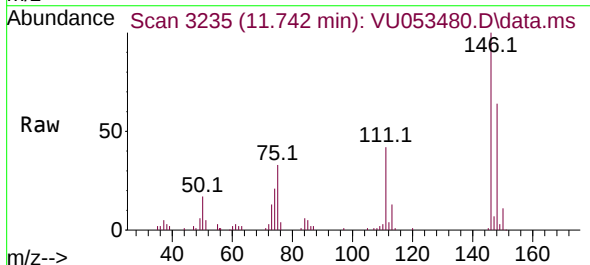
Manual Integrations  
APPROVED

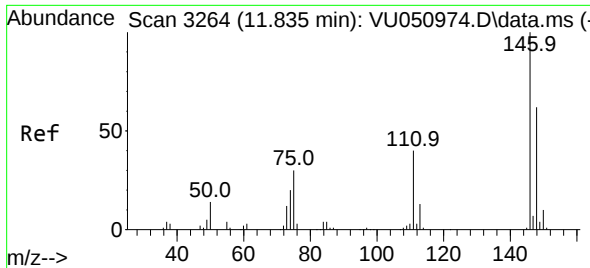
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#82  
1,3-Dichlorobenzene  
Concen: 1.916 ug/l  
RT: 11.742 min Scan# 3235  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

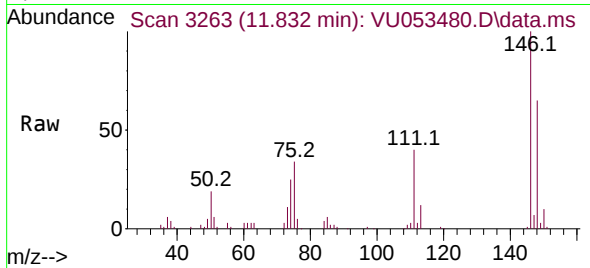
Tgt Ion:146 Resp: 46668  
Ion Ratio Lower Upper  
146 100  
111 43.9 32.6 49.0  
148 63.4 51.0 76.4





#83  
1,4-Dichlorobenzene  
Concen: 1.865 ug/l  
RT: 11.832 min Scan# 311  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

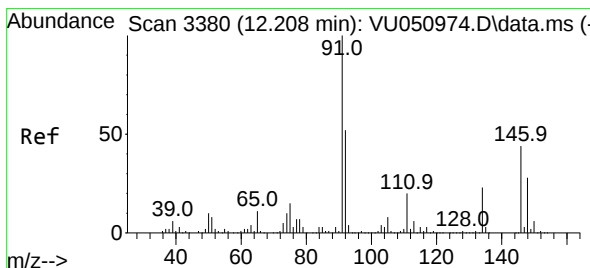
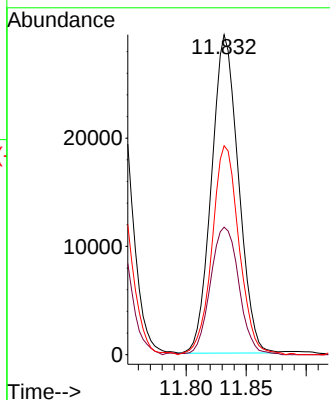
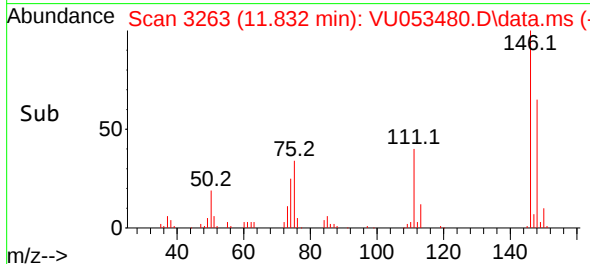
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



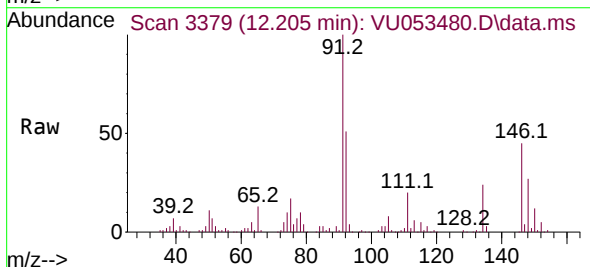
Tgt Ion:146 Resp: 4598  
Ion Ratio Lower Upper  
146 100  
111 42.3 31.6 47.4  
148 65.7 50.3 75.5

Manual Integrations  
APPROVED

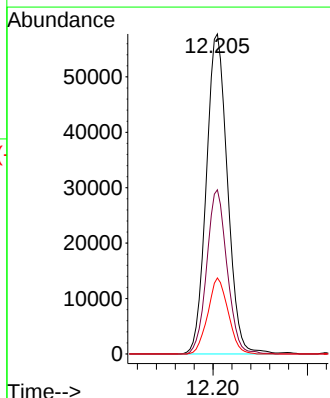
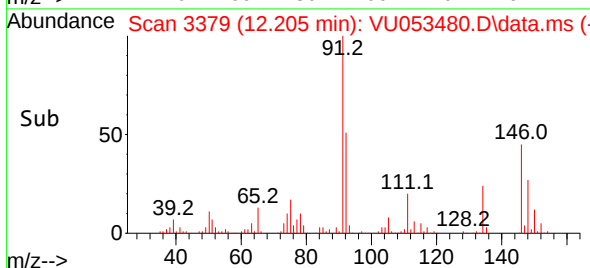
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

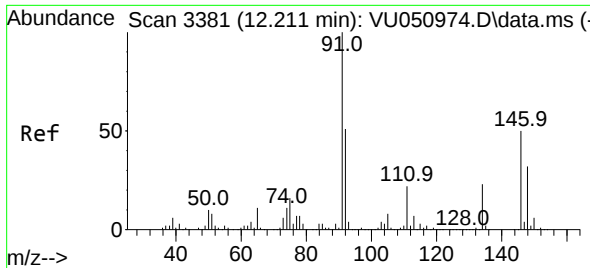


#84  
n-Butylbenzene  
Concen: 1.891 ug/l  
RT: 12.205 min Scan# 3379  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48



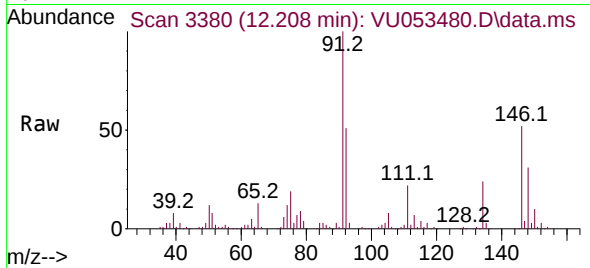
Tgt Ion: 91 Resp: 89748  
Ion Ratio Lower Upper  
91 100  
92 49.3 40.8 61.2  
134 22.8 18.4 27.6





#85  
1,2-Dichlorobenzene  
Concen: 1.922 ug/l  
RT: 12.208 min Scan# 311  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

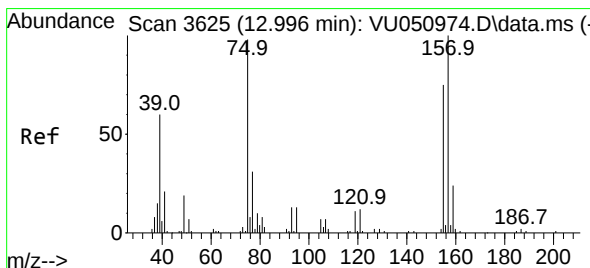
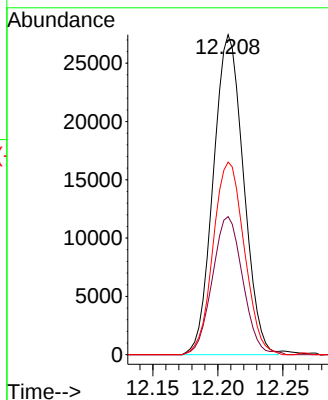
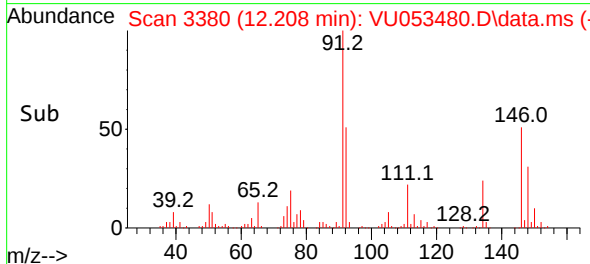
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



Tgt Ion:146 Resp: 4436  
Ion Ratio Lower Upper  
146 100  
111 43.4 21.6 64.6  
148 62.1 32.1 96.5

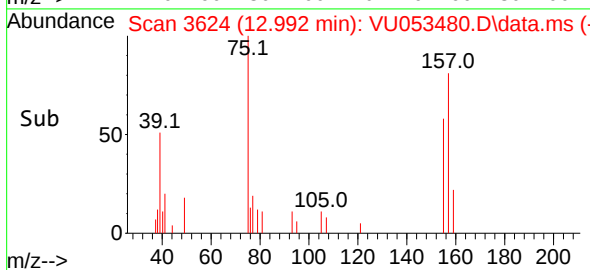
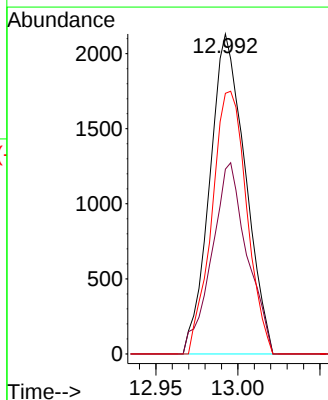
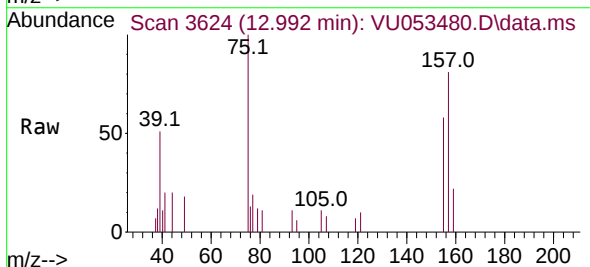
Manual Integrations  
APPROVED

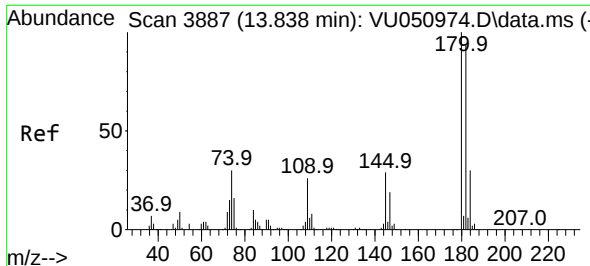
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 2.103 ug/l  
RT: 12.992 min Scan# 3624  
Delta R.T. -0.004 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Tgt Ion: 75 Resp: 3202  
Ion Ratio Lower Upper  
75 100  
155 59.4 61.8 92.8#  
157 80.5 80.2 120.4





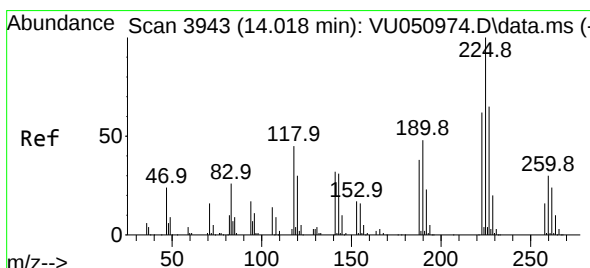
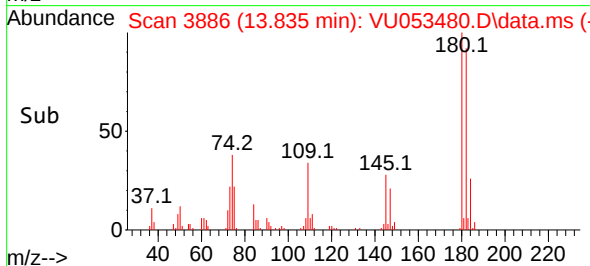
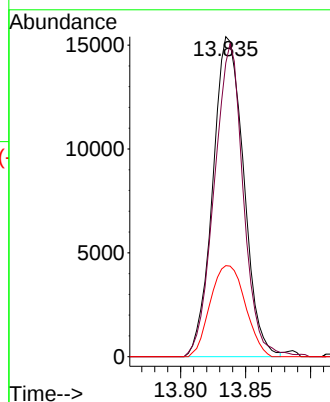
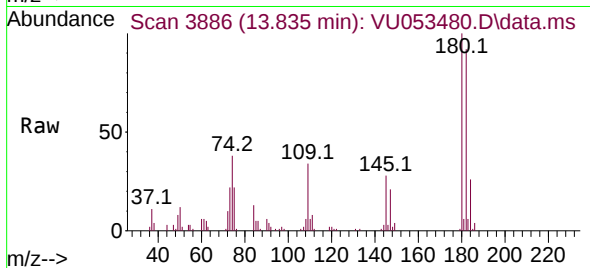
#87  
1,2,4-Trichlorobenzene  
Concen: 1.889 ug/l  
RT: 13.835 min Scan# 3887  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01

Tgt Ion:180 Resp: 2542  
Ion Ratio Lower Upper  
180 100  
182 92.1 75.8 113.6  
145 32.3 23.9 35.9

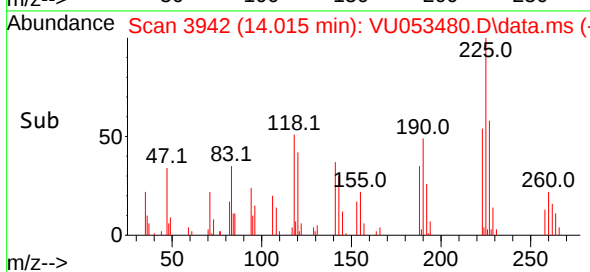
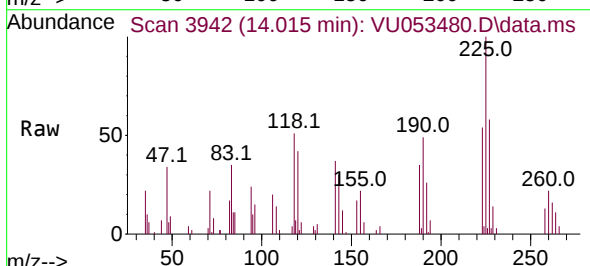
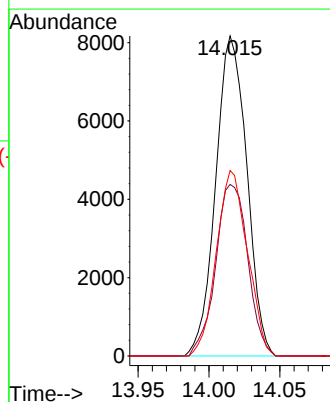
Manual Integrations  
APPROVED

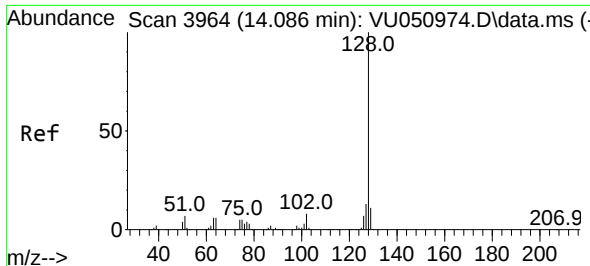
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#88  
Hexachlorobutadiene  
Concen: 1.938 ug/l  
RT: 14.015 min Scan# 3942  
Delta R.T. -0.003 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

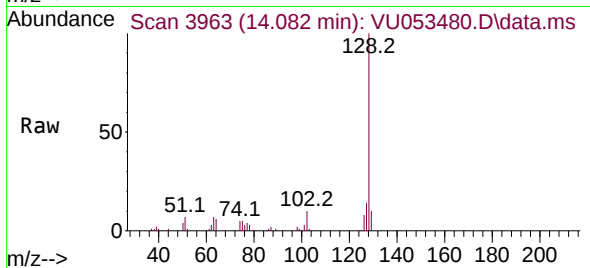
Tgt Ion:225 Resp: 12482  
Ion Ratio Lower Upper  
225 100  
223 55.5 50.2 75.4  
227 57.9 51.5 77.3





#89  
Naphthalene  
Concen: 1.862 ug/l  
RT: 14.082 min Scan# 3964  
Delta R.T. -0.004 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

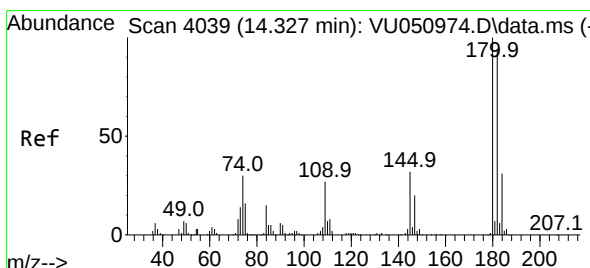
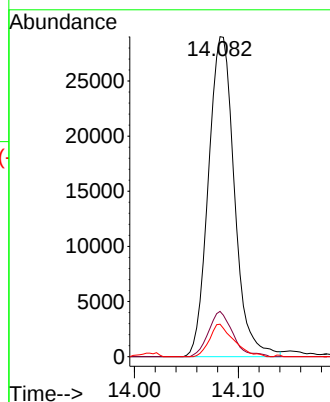
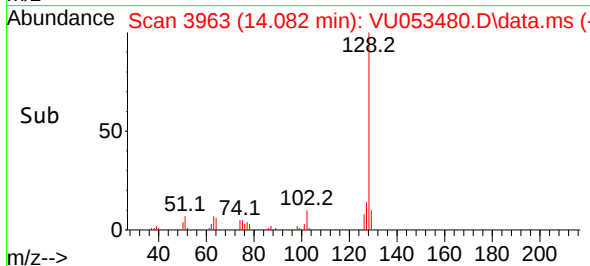
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0330WBS01



Tgt Ion:128 Resp: 50438  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.9 16.3  
129 9.4 8.6 12.8

Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#90  
1,2,3-Trichlorobenzene  
Concen: 2.016 ug/l  
RT: 14.323 min Scan# 4038  
Delta R.T. -0.004 min  
Lab File: VU053480.D  
Acq: 30 Mar 2023 11:48

Tgt Ion:180 Resp: 23382  
Ion Ratio Lower Upper  
180 100  
182 97.8 75.7 113.5  
145 34.9 26.1 39.1

