

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU013023\  
 Data File : VU052866.D  
 Acq On : 30 Jan 2023 17:14  
 Operator : JC/MD  
 Sample : VU0130WBSD01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0130WBSD01

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 02/01/2023  
 Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Jan 31 13:08:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U012323DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jan 24 05:16:59 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units    | Dev(Min) |
|------------------------------|--------|------|----------|--------|----------|----------|
| -----                        |        |      |          |        |          |          |
| Internal Standards           |        |      |          |        |          |          |
| 1) Fluorobenzene             | 6.112  | 96   | 32051    | 1.000  | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |          |          |
| 57) 4-Bromofluorobenzene     | 10.629 | 95   | 9495     | 0.891  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 89.000%  |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.192 | 152  | 11964    | 1.091  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 109.000% |          |
| Target Compounds             |        |      |          |        |          |          |
|                              |        |      |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85   | 19848    | 1.830  | ug/l     | 97       |
| 3) Chloromethane             | 1.520  | 50   | 13817    | 1.342  | ug/l     | 99       |
| 4) Vinyl Chloride            | 1.604  | 62   | 14906    | 1.500  | ug/l     | 99       |
| 5) Bromomethane              | 1.858  | 94   | 11779    | 2.281  | ug/l     | 99       |
| 6) Chloroethane              | 1.935  | 64   | 12348    | 2.066  | ug/l     | 94       |
| 7) Trichlorofluoromethane    | 2.141  | 101  | 33046    | 2.282  | ug/l     | 98       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.581  | 101  | 18210    | 2.300  | ug/l     | 97       |
| 9) 1,1-Dichloroethene        | 2.581  | 96   | 15746    | 2.105  | ug/l     | 94       |
| 10) Iodomethane              | 2.723  | 142  | 19926    | 2.407  | ug/l     | 100      |
| 11) Allyl Chloride           | 2.922  | 41   | 17137    | 1.918  | ug/l     | 92       |
| 12) Acrylonitrile            | 3.324  | 53   | 7509     | 4.735  | ug/l     | 99       |
| 13) Acetone                  | 2.655  | 43   | 30818    | 13.703 | ug/l     | 96       |
| 14) Carbon Disulfide         | 2.793  | 76   | 44039    | 1.758  | ug/l     | 99       |
| 15) Methylene Chloride       | 3.044  | 84   | 20792    | 2.302  | ug/l     | 94       |
| 16) trans-1,2-Dichloroethene | 3.350  | 96   | 18903    | 2.272  | ug/l     | 98       |
| 17) 1,1-Dichloroethane       | 3.864  | 63   | 33321    | 2.372  | ug/l     | 99       |
| 18) 2-Butanone               | 4.729  | 43   | 32818    | 12.560 | ug/l     | 98       |
| 19) Cyclohexane              | 5.378  | 56   | 23215    | 1.879  | ug/l     | 89       |
| 20) Methylcyclohexane        | 6.758  | 83   | 19646    | 1.425  | ug/l     | 97       |
| 21) 2,2-Dichloropropane      | 4.661  | 77   | 31726    | 2.431  | ug/l     | 97       |
| 22) cis-1,2-Dichloroethene   | 4.661  | 96   | 20249    | 2.328  | ug/l     | 99       |
| 23) Diethyl Ether            | 2.375  | 59   | 11082    | 2.096  | ug/l     | 97       |
| 24) tert-Butyl Alcohol       | 3.276  | 59   | 16499m   | 25.917 | ug/l     |          |
| 25) Methyl tert-Butyl Ether  | 3.369  | 73   | 42364    | 2.469  | ug/l     | 97       |
| 26) Bromochloromethane       | 4.973  | 128  | 8781     | 2.163  | ug/l     | 96       |
| 27) Chloroform               | 5.086  | 83   | 38129    | 2.532  | ug/l     | 100      |
| 28) 1,1,1-Trichloroethane    | 5.311  | 97   | 34434    | 2.476  | ug/l     | 98       |
| 29) 1,1-Dichloropropene      | 5.520  | 75   | 23509    | 2.005  | ug/l     | 98       |
| 30) Carbon Tetrachloride     | 5.517  | 117  | 29987    | 2.376  | ug/l     | 98       |
| 31) Isopropyl Ether          | 3.996  | 45   | 45015    | 2.229  | ug/l     | 94       |
| 32) Ethyl-t-butyl ether      | 4.510  | 59   | 44719    | 2.371  | ug/l     | 95       |
| 33) Tert-Amyl methyl ether   | 5.948  | 73   | 31881    | 1.912  | ug/l     | 97       |
| 34) Propionitrile            | 4.796  | 54   | 7225     | 12.077 | ug/l     | # 1      |
| 35) Benzene                  | 5.771  | 78   | 69069    | 2.030  | ug/l     | 98       |
| 36) 1,2-Dichloroethane       | 5.793  | 62   | 23554    | 2.305  | ug/l     | 98       |
| 37) Trichloroethene          | 6.539  | 130  | 18480    | 1.992  | ug/l     | 92       |
| 38) 1,2-Dichloropropane      | 6.790  | 63   | 13453    | 1.558  | ug/l     | 100      |
| 39) Methacrylonitrile        | 4.980  | 41   | 5412     | 2.265  | ug/l     | 96       |
| 40) Methyl acrylate          | 4.854  | 55   | 10103    | 2.385  | ug/l     | # 95     |
| 41) Tetrahydrofuran          | 5.073  | 42   | 5194     | 4.370  | ug/l     | 97       |
| 42) 1-Chlorobutane           | 5.452  | 56   | 31474    | 2.099  | ug/l     | 99       |
| 43) Dibromomethane           | 6.915  | 93   | 8021     | 1.836  | ug/l     | 95       |
| 44) Bromodichloromethane     | 7.105  | 83   | 22251    | 1.877  | ug/l     | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU013023\  
 Data File : VU052866.D  
 Acq On : 30 Jan 2023 17:14  
 Operator : JC/MD  
 Sample : VU0130WBSD01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0130WBSD01

Manual Integrations  
 APPROVED

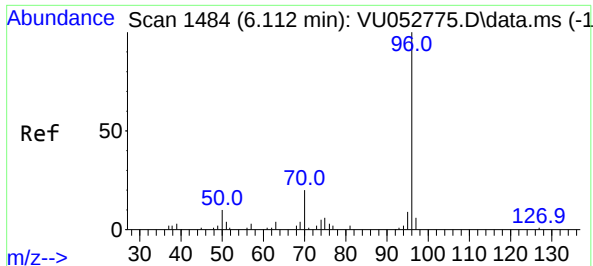
Reviewed By :Krupa Patel 02/01/2023  
 Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Jan 31 13:08:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U012323DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jan 24 05:16:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.800  | 43   | 30523    | 6.648 | ug/l  | 97       |
| 46) t-1,4-Dichloro-2-butene   | 10.828 | 75   | 6409m    | 2.662 | ug/l  |          |
| 47) Methyl methacrylate       | 6.967  | 69   | 10955    | 2.821 | ug/l  | 95       |
| 48) Ethyl methacrylate        | 8.333  | 69   | 10047    | 1.427 | ug/l  | 88       |
| 49) Toluene                   | 7.970  | 92   | 32161    | 1.557 | ug/l  | 96       |
| 50) t-1,3-Dichloropropene     | 8.211  | 75   | 15568    | 1.506 | ug/l  | 98       |
| 51) cis-1,3-Dichloropropene   | 7.607  | 75   | 17694    | 1.455 | ug/l  | 100      |
| 52) 1,1,2-Trichloroethane     | 8.398  | 97   | 11432    | 1.840 | ug/l  | 94       |
| 53) 1,3-Dichloropropane       | 8.574  | 76   | 17652    | 1.644 | ug/l  | 98       |
| 54) 2-Hexanone                | 8.690  | 43   | 28996    | 7.219 | ug/l  | 100      |
| 55) Dibromochloromethane      | 8.806  | 129  | 15218    | 1.873 | ug/l  | 99       |
| 56) 1,2-Dibromoethane         | 8.922  | 107  | 10483    | 1.772 | ug/l  | 100      |
| 58) Tetrachloroethene         | 8.549  | 164  | 16056    | 1.918 | ug/l  | 96       |
| 59) Chlorobenzene             | 9.446  | 112  | 38667    | 1.720 | ug/l  | 97       |
| 60) 1,1,1,2-Tetrachloroethane | 9.533  | 131  | 17226    | 1.980 | ug/l  | 98       |
| 61) Pentachloroethane         | 11.423 | 117  | 13602    | 1.908 | ug/l  | 96       |
| 62) Hexachloroethane          | 12.471 | 117  | 13342    | 1.852 | ug/l  | 87       |
| 63) Ethyl Benzene             | 9.568  | 91   | 51542    | 1.415 | ug/l  | 95       |
| 64) m/p-Xylenes               | 9.690  | 106  | 45726    | 3.149 | ug/l  | 95       |
| 65) o-Xylene                  | 10.095 | 106  | 22995    | 1.641 | ug/l  | 91       |
| 66) Styrene                   | 10.111 | 104  | 35940    | 1.695 | ug/l  | 98       |
| 67) Bromoform                 | 10.285 | 173  | 9522     | 1.986 | ug/l  | 98       |
| 69) Isopropylbenzene          | 10.481 | 105  | 56868    | 1.595 | ug/l  | 97       |
| 70) 1,1,2,2-Tetrachloroethane | 10.780 | 83   | 13572    | 1.752 | ug/l  | 94       |
| 71) 1,2,3-Trichloropropane    | 10.822 | 75   | 11376m   | 1.697 | ug/l  |          |
| 72) Bromobenzene              | 10.780 | 156  | 16840    | 1.860 | ug/l  | 87       |
| 73) n-propylbenzene           | 10.902 | 120  | 16588    | 1.759 | ug/l  | 91       |
| 74) 2-Chlorotoluene           | 10.983 | 126  | 16376    | 1.818 | ug/l  | 83       |
| 75) 1,3,5-Trimethylbenzene    | 11.086 | 105  | 49068    | 1.704 | ug/l  | 97       |
| 76) 4-Chlorotoluene           | 11.095 | 126  | 16649    | 1.801 | ug/l  | 91       |
| 77) tert-Butylbenzene         | 11.417 | 119  | 52317    | 1.687 | ug/l  | 96       |
| 78) 1,2,4-Trimethylbenzene    | 11.465 | 105  | 48832    | 1.699 | ug/l  | 95       |
| 79) sec-Butylbenzene          | 11.639 | 105  | 66122    | 1.745 | ug/l  | 99       |
| 80) Nitrobenzene              | 13.204 | 77   | 3665     | 7.645 | ug/l  | 89       |
| 81) p-Isopropyltoluene        | 11.790 | 119  | 56171    | 1.765 | ug/l  | 99       |
| 82) 1,3-Dichlorobenzene       | 11.741 | 146  | 37688    | 2.039 | ug/l  | 96       |
| 83) 1,4-Dichlorobenzene       | 11.835 | 146  | 36598    | 1.972 | ug/l  | 99       |
| 84) n-Butylbenzene            | 12.204 | 91   | 44241    | 1.693 | ug/l  | 97       |
| 85) 1,2-Dichlorobenzene       | 12.208 | 146  | 34655    | 1.986 | ug/l  | 97       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.992 | 75   | 2212     | 1.542 | ug/l  | 84       |
| 87) 1,2,4-Trichlorobenzene    | 13.838 | 180  | 17941    | 1.714 | ug/l  | 94       |
| 88) Hexachlorobutadiene       | 14.018 | 225  | 15804    | 2.155 | ug/l  | 99       |
| 89) Naphthalene               | 14.085 | 128  | 24838    | 1.224 | ug/l  | 98       |
| 90) 1,2,3-Trichlorobenzene    | 14.323 | 180  | 16841    | 1.696 | ug/l  | 98       |

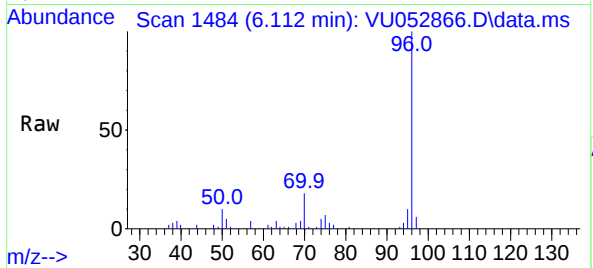
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.112 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

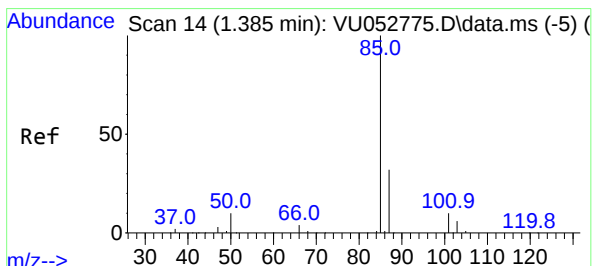
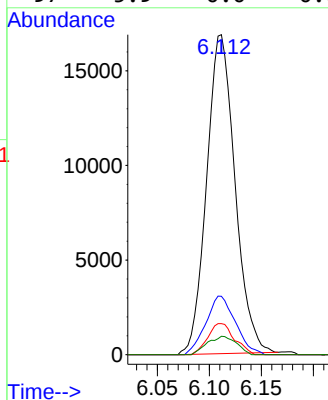
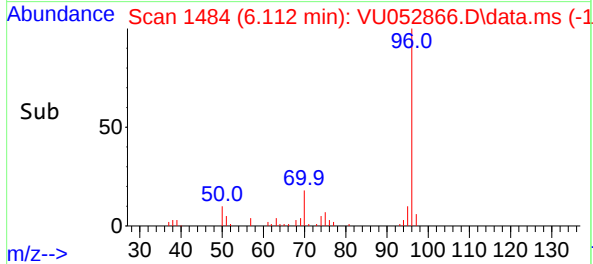
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



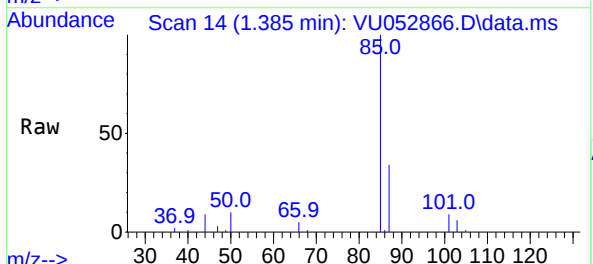
Tgt Ion: 96 Resp: 3205  
Ion Ratio Lower Upper  
96 100  
70 19.2 16.2 24.4  
95 9.2 7.4 11.0  
97 5.9 0.0 0.0#

Manual Integrations  
APPROVED

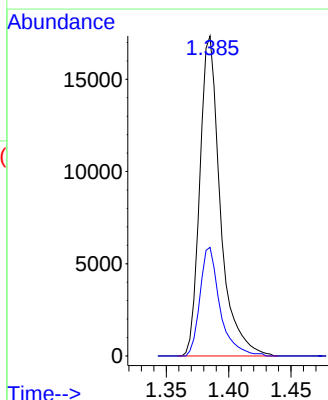
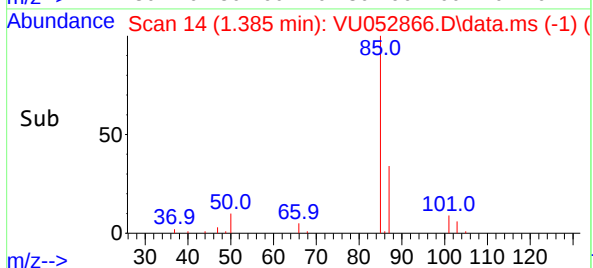
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

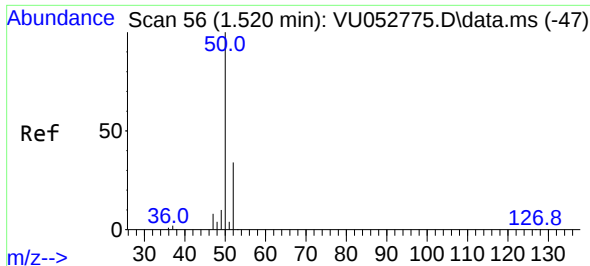


#2  
Dichlorodifluoromethane  
Concen: 1.830 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



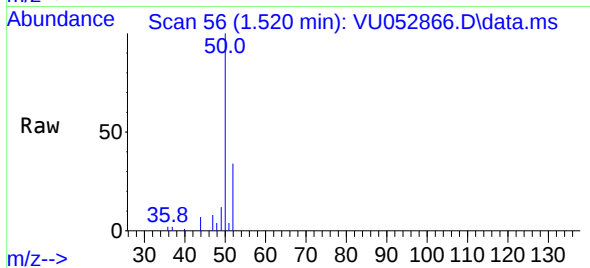
Tgt Ion: 85 Resp: 19848  
Ion Ratio Lower Upper  
85 100  
87 34.0 16.1 48.2





#3  
Chloromethane  
Concen: 1.342 ug/l  
RT: 1.520 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

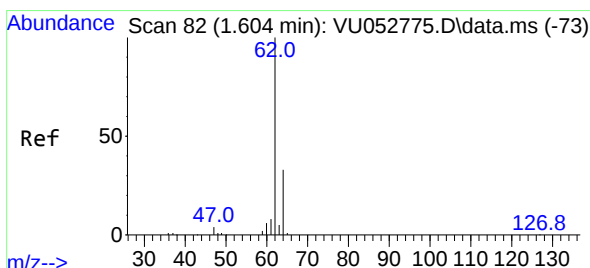
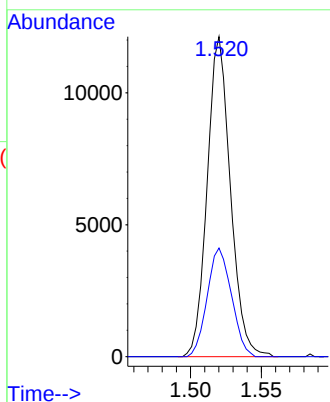
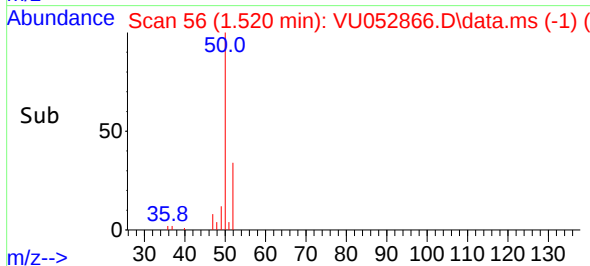
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



Tgt Ion: 50 Resp: 1381  
Ion Ratio Lower Upper  
50 100  
52 34.0 26.8 40.2

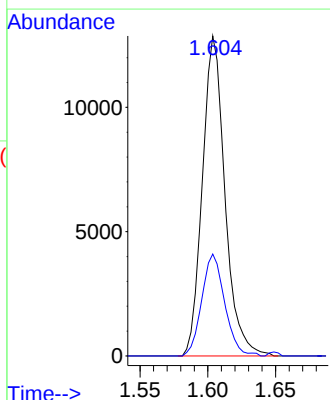
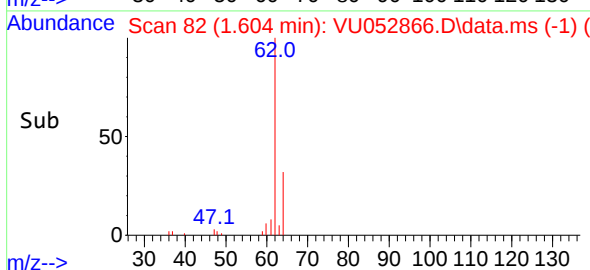
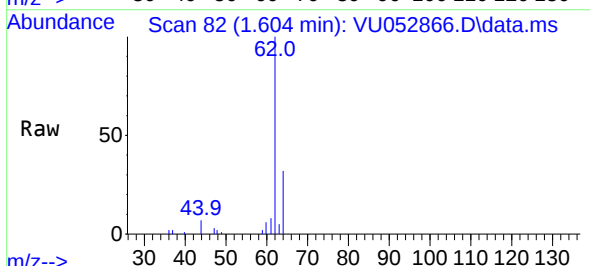
Manual Integrations  
APPROVED

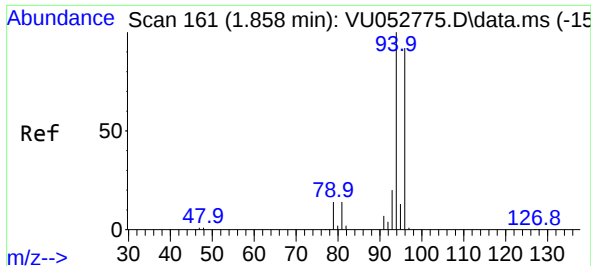
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#4  
Vinyl Chloride  
Concen: 1.500 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

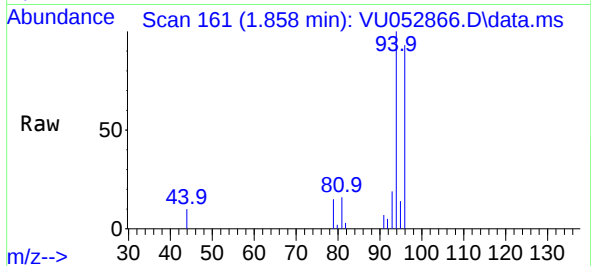
Tgt Ion: 62 Resp: 14906  
Ion Ratio Lower Upper  
62 100  
64 31.8 26.0 39.0





#5  
Bromomethane  
Concen: 2.281 ug/l  
RT: 1.858 min Scan# 161  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

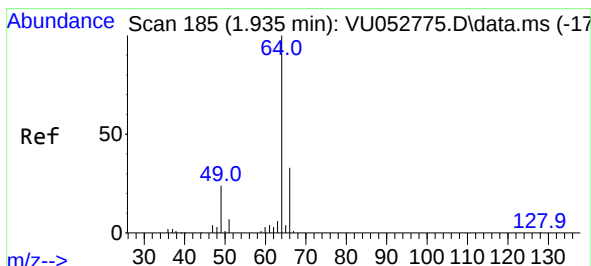
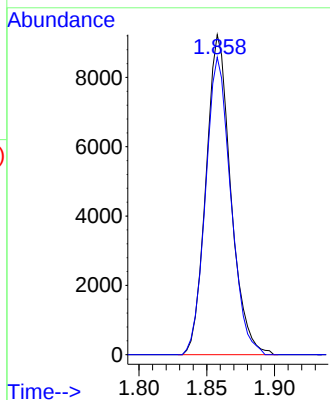
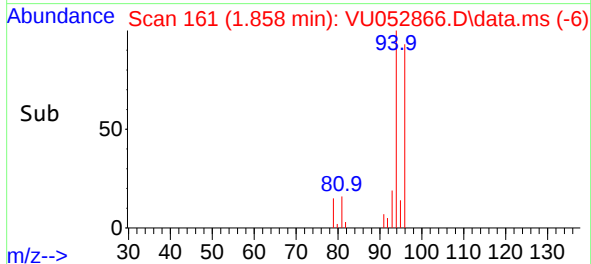
Instrument :  
MSVOA\_U  
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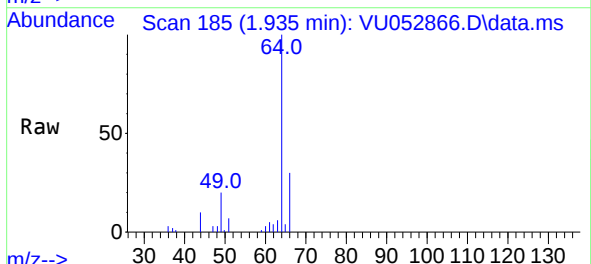
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Ion Ratio Lower Upper  
94 100  
96 93.0 73.8 110.6

Manual Integrations  
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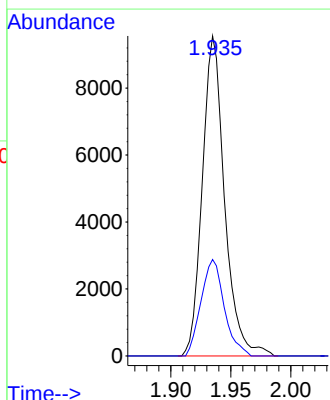
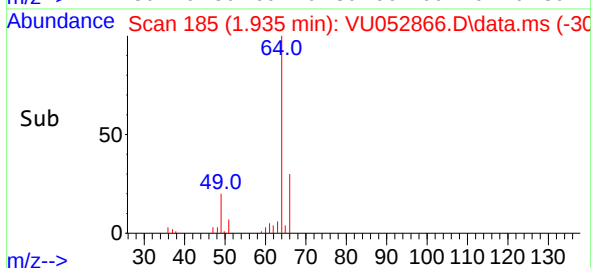
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

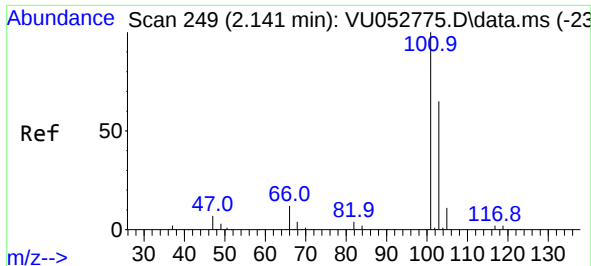


#6  
Chloroethane  
Concen: 2.066 ug/l  
RT: 1.935 min Scan# 185  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



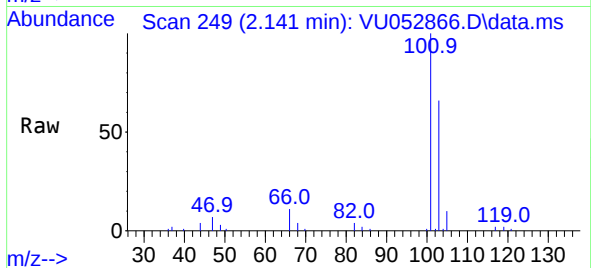
Tgt Ion: 64 Resp: 12348  
Ion Ratio Lower Upper  
64 100  
66 30.1 26.6 40.0





#7  
Trichlorofluoromethane  
Concen: 2.282 ug/l  
RT: 2.141 min Scan# 249  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

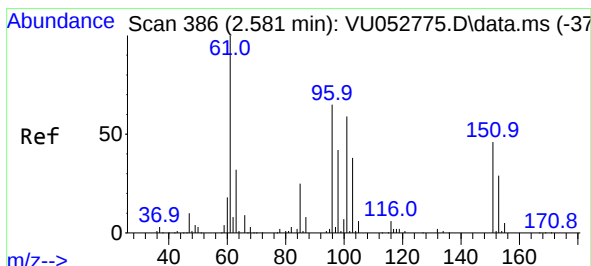
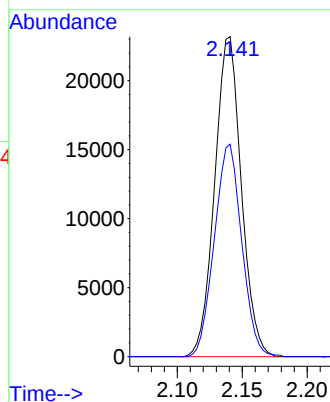
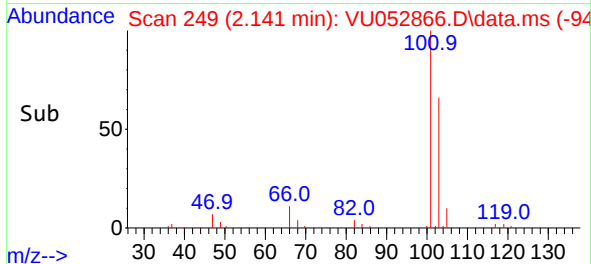
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



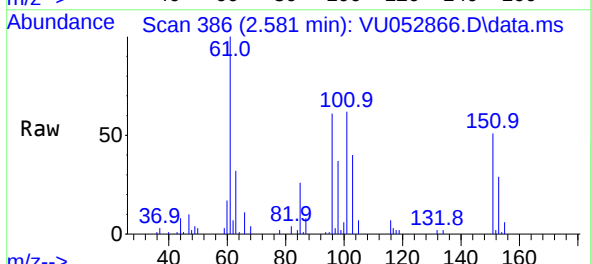
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Ion Ratio Lower Upper  
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103 66.4 51.6 77.4

Manual Integrations  
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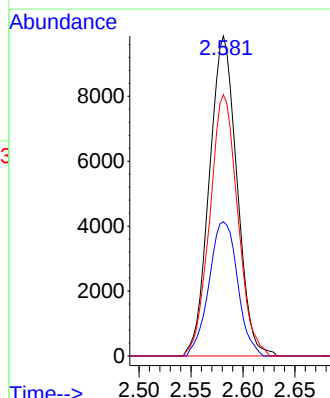
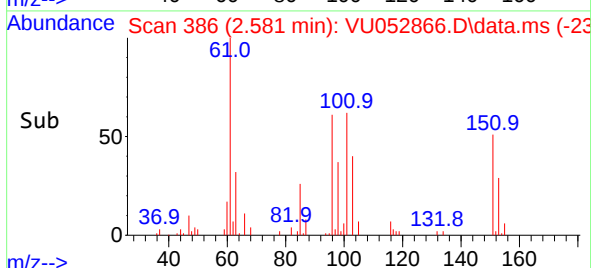
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

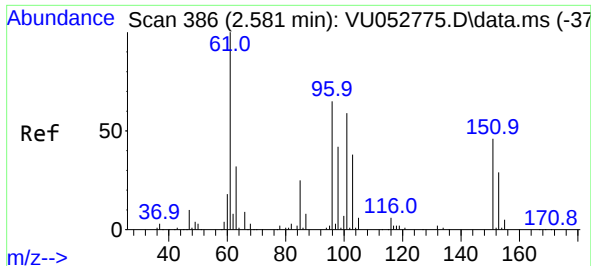


#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 2.300 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



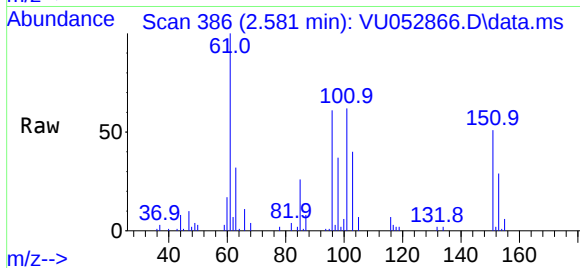
Tgt Ion:101 Resp: 18210  
Ion Ratio Lower Upper  
101 100  
85 43.4 34.1 51.1  
151 82.6 63.0 94.4





#9  
1,1-Dichloroethene  
Concen: 2.105 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

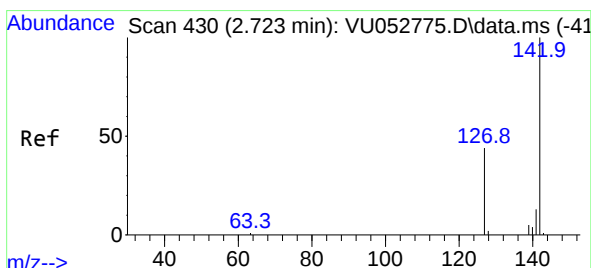
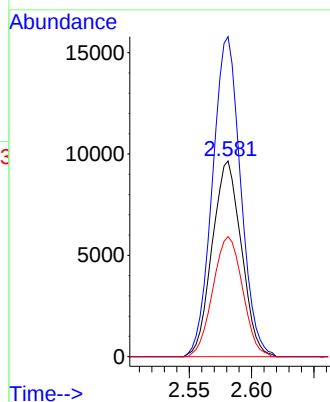
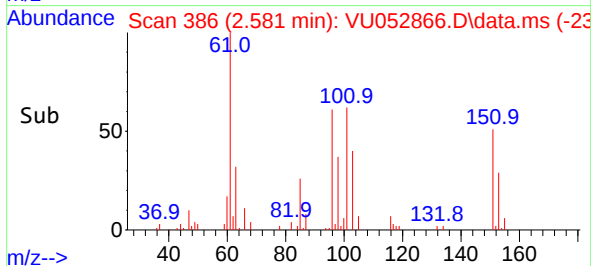
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



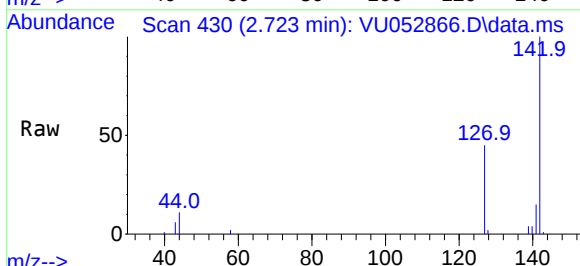
Tgt Ion: 96 Resp: 15740  
Ion Ratio Lower Upper  
96 100  
61 163.5 0.0 460.5  
98 61.3 0.0 128.0

Manual Integrations  
APPROVED

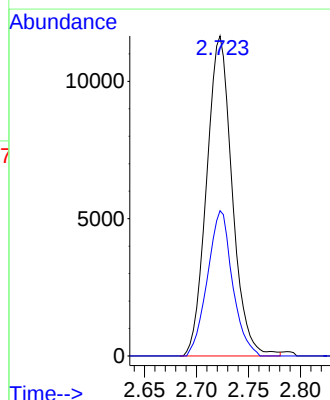
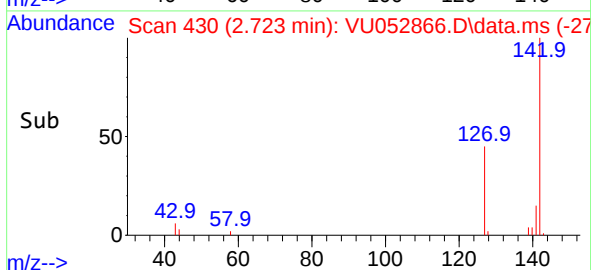
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

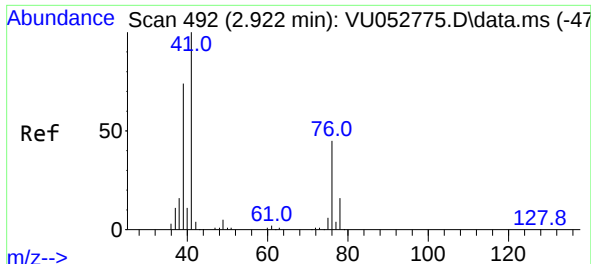


#10  
Iodomethane  
Concen: 2.407 ug/l  
RT: 2.723 min Scan# 430  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



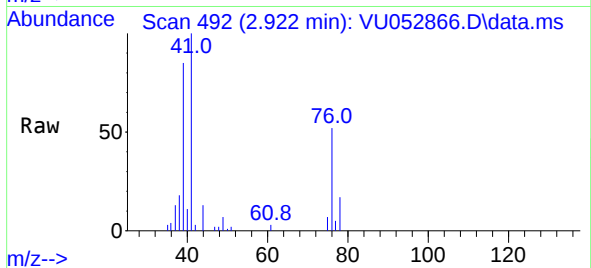
Tgt Ion:142 Resp: 19926  
Ion Ratio Lower Upper  
142 100  
127 44.4 35.4 53.0





#11  
Allyl Chloride  
Concen: 1.918 ug/l  
RT: 2.922 min Scan# 492  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

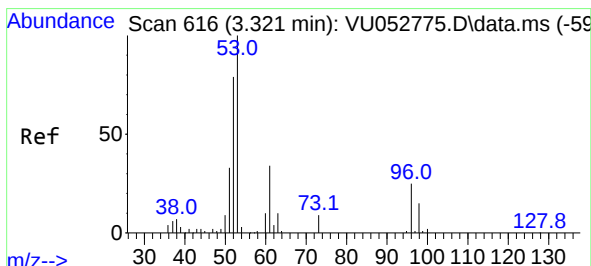
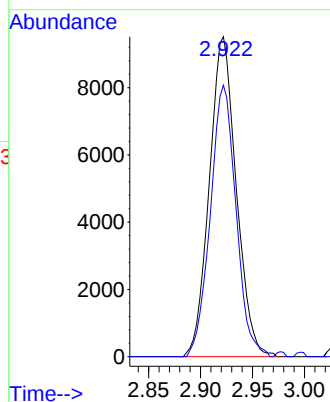
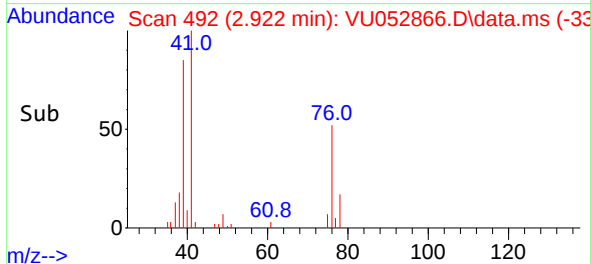
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



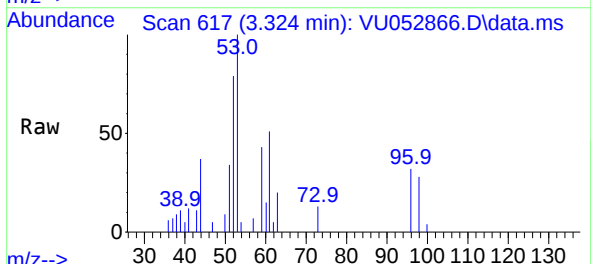
Tgt Ion: 41 Resp: 1713  
Ion Ratio Lower Upper  
41 100  
39 80.9 59.3 88.9

Manual Integrations  
APPROVED

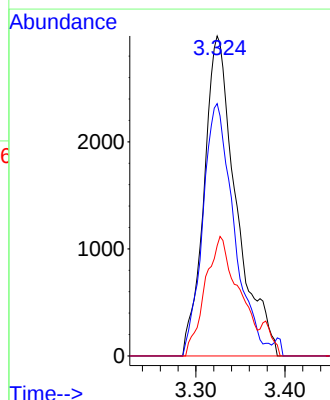
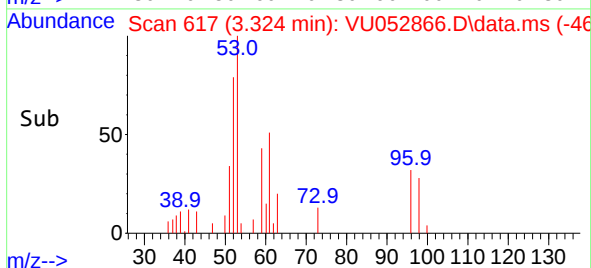
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

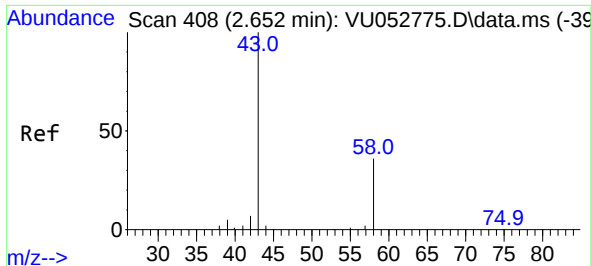


#12  
Acrylonitrile  
Concen: 4.735 ug/l  
RT: 3.324 min Scan# 617  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



Tgt Ion: 53 Resp: 7509  
Ion Ratio Lower Upper  
53 100  
52 76.9 63.0 94.4  
51 38.8 31.3 46.9





#13

Acetone

Concen: 13.703 ug/l

RT: 2.655 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 17:14

Instrument :

MSVOA\_U

ClientSampleId :

VU0130WBSD01

Tgt Ion: 43 Resp: 30818

Ion Ratio Lower Upper

43 100

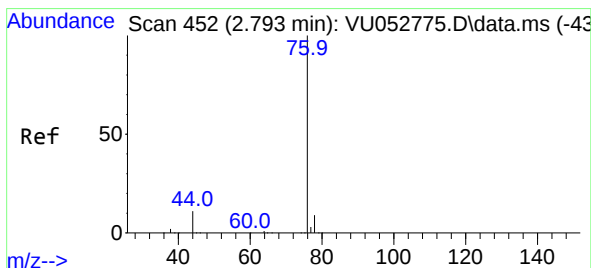
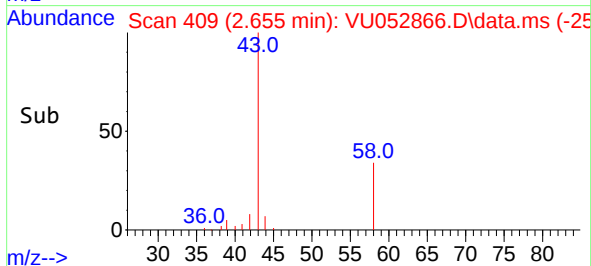
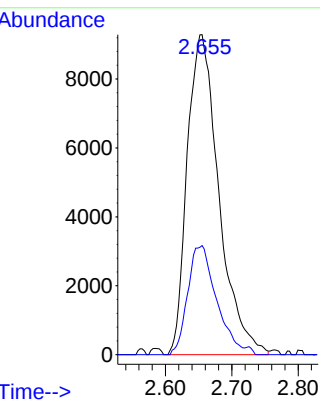
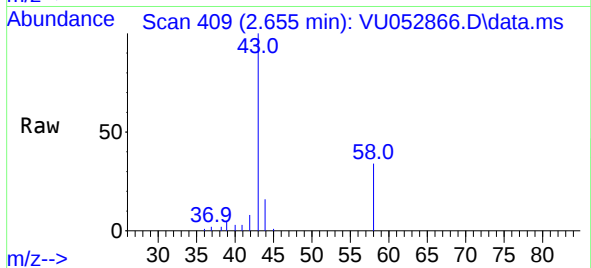
58 34.1 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#14

Carbon Disulfide

Concen: 1.758 ug/l

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052866.D

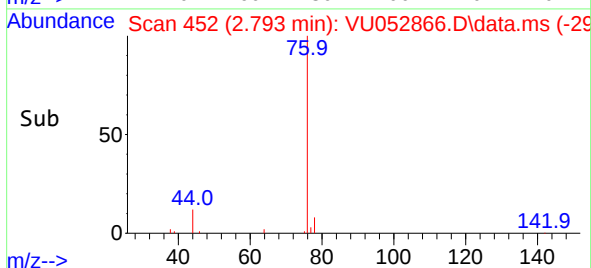
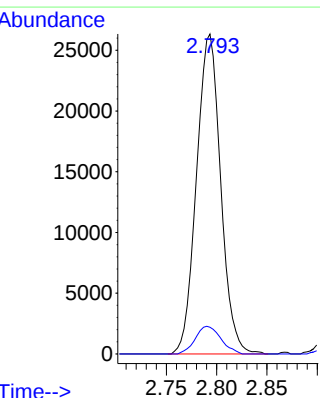
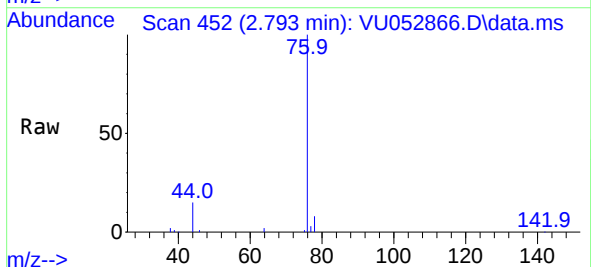
Acq: 30 Jan 2023 17:14

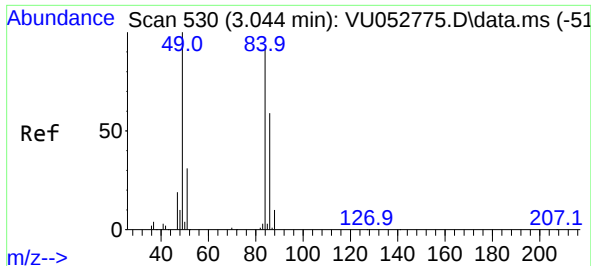
Tgt Ion: 76 Resp: 44039

Ion Ratio Lower Upper

76 100

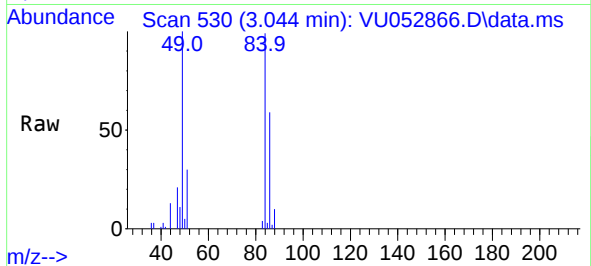
78 8.4 7.1 10.7





#15  
Methylene Chloride  
Concen: 2.302 ug/l  
RT: 3.044 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

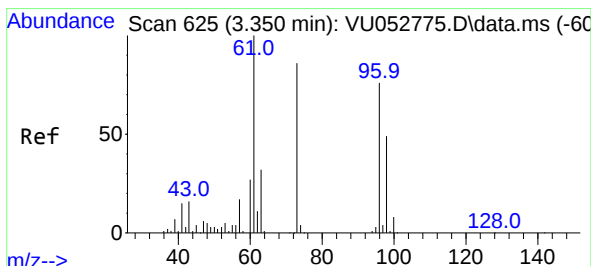
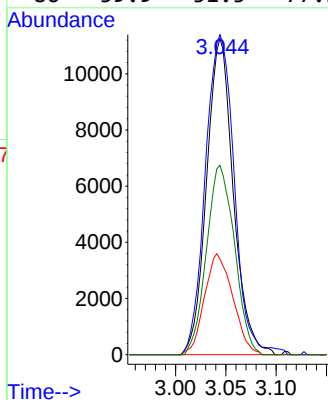
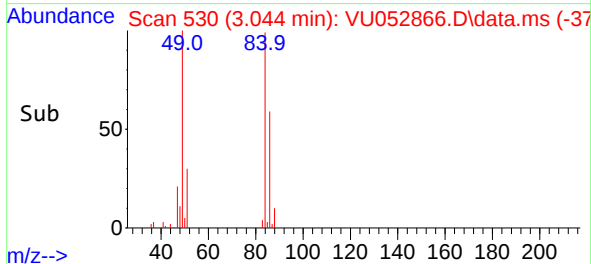
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 2079  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 101.1 | 86.7  | 130.1 |
| 51       | 30.2  | 0.0   | 66.8  |
| 86       | 59.9  | 51.5  | 77.3  |

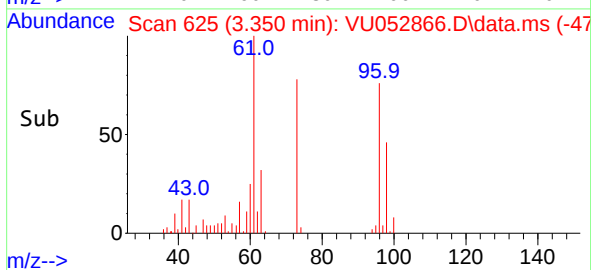
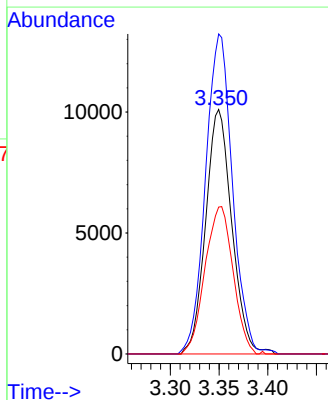
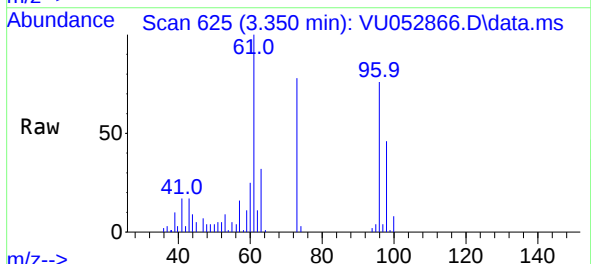
Manual Integrations  
APPROVED

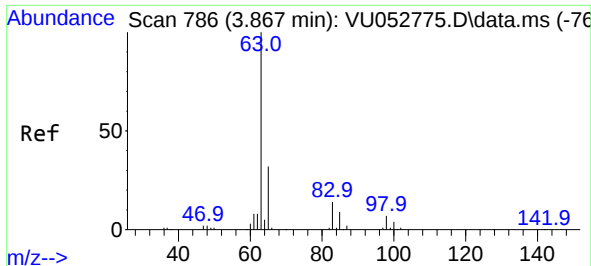
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#16  
trans-1,2-Dichloroethene  
Concen: 2.272 ug/l  
RT: 3.350 min Scan# 625  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 18903 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 130.9 | 105.7 | 158.5 |
| 98       | 60.1  | 51.4  | 77.2  |





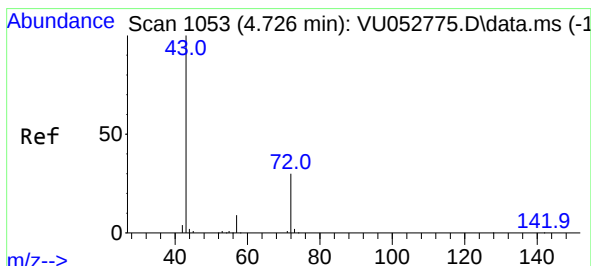
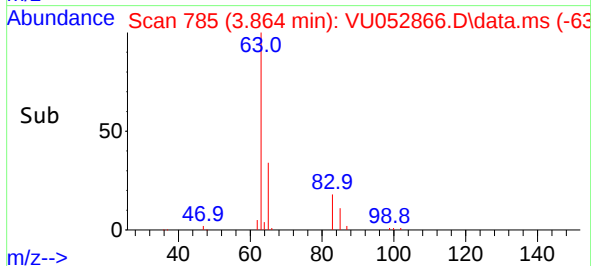
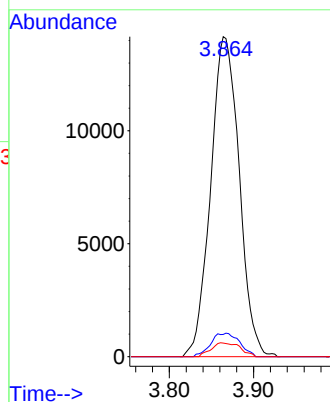
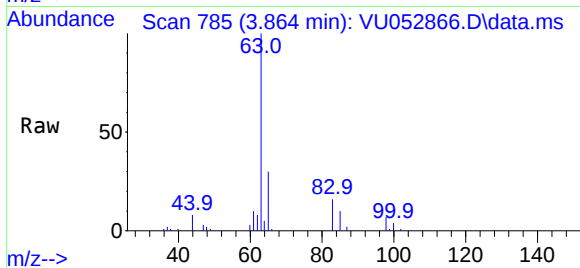
#17  
1,1-Dichloroethane  
Concen: 2.372 ug/l  
RT: 3.864 min Scan# 786  
Delta R.T. -0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01

Tgt Ion: 63 Resp: 3332  
Ion Ratio Lower Upper  
63 100  
98 6.9 3.8 11.2  
100 4.2 2.2 6.6

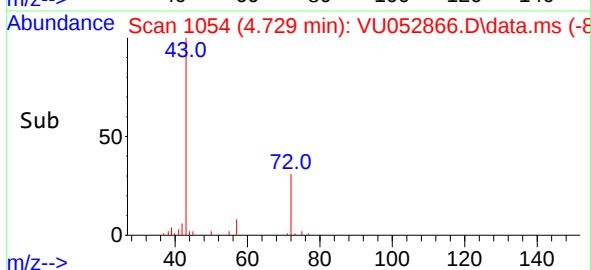
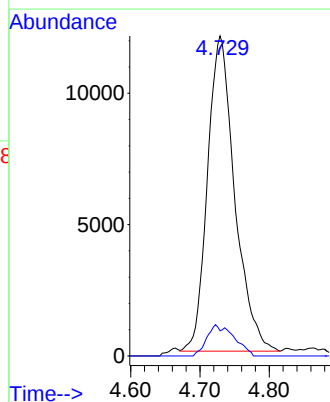
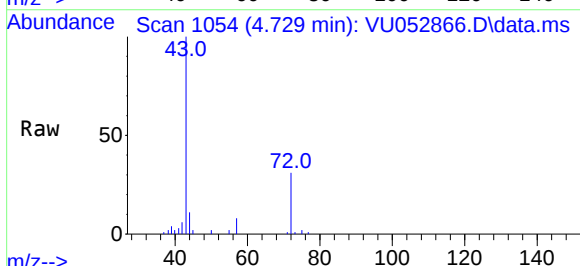
Manual Integrations  
APPROVED

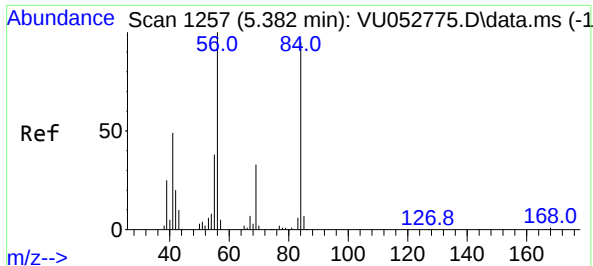
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#18  
2-Butanone  
Concen: 12.560 ug/l  
RT: 4.729 min Scan# 1054  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

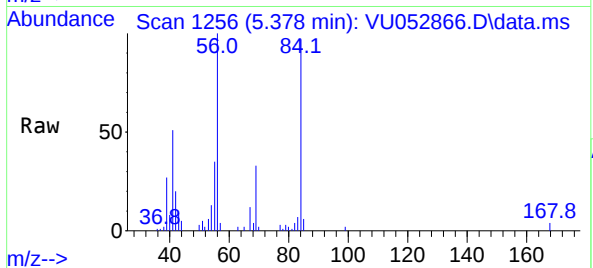
Tgt Ion: 43 Resp: 32818  
Ion Ratio Lower Upper  
43 100  
57 8.0 0.0 17.4





#19  
Cyclohexane  
Concen: 1.879 ug/l  
RT: 5.378 min Scan# 1256  
Delta R.T. -0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

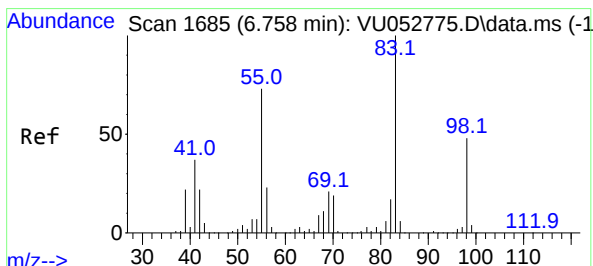
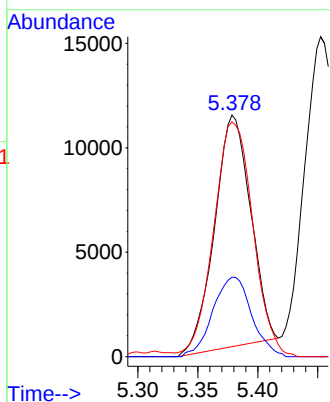
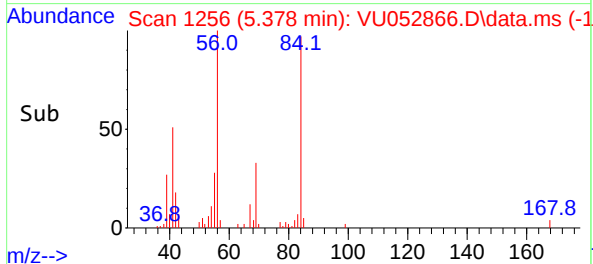
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



Tgt Ion: 56 Resp: 2321  
Ion Ratio Lower Upper  
56 100  
69 36.9 26.8 40.2  
84 108.2 77.0 115.6

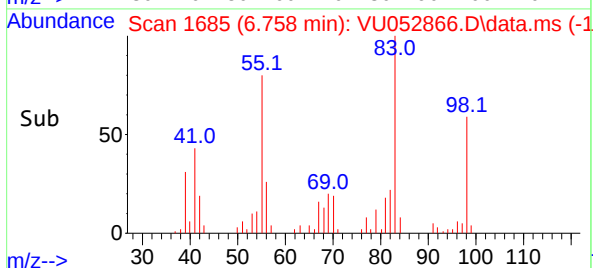
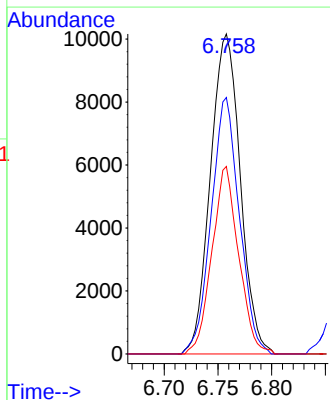
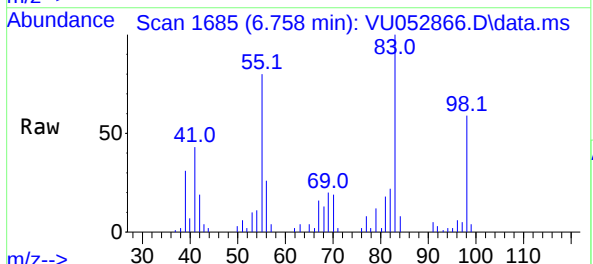
Manual Integrations  
APPROVED

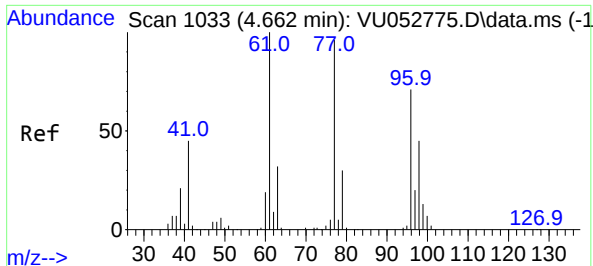
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#20  
Methylcyclohexane  
Concen: 1.425 ug/l  
RT: 6.758 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Tgt Ion: 83 Resp: 19646  
Ion Ratio Lower Upper  
83 100  
55 75.6 58.7 88.1  
98 52.4 39.4 59.2





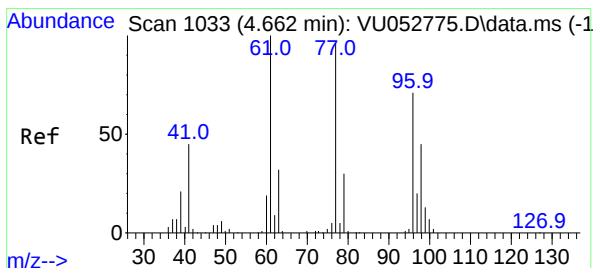
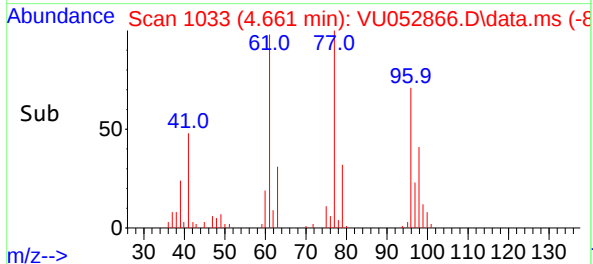
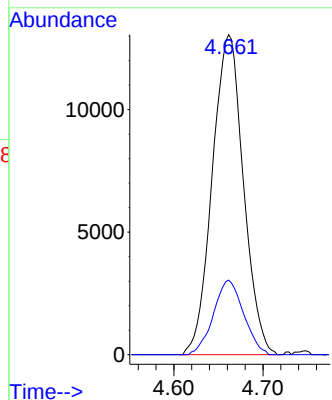
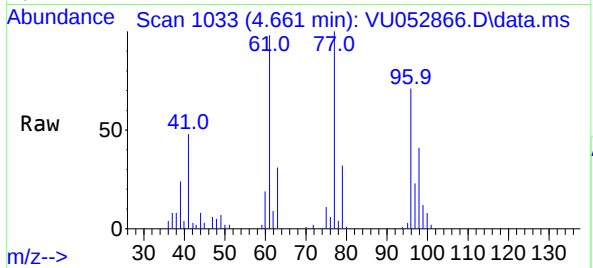
#21  
2,2-Dichloropropane  
Concen: 2.431 ug/l  
RT: 4.661 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01

Tgt Ion: 77 Resp: 31720  
Ion Ratio Lower Upper  
77 100  
97 22.6 16.8 25.2

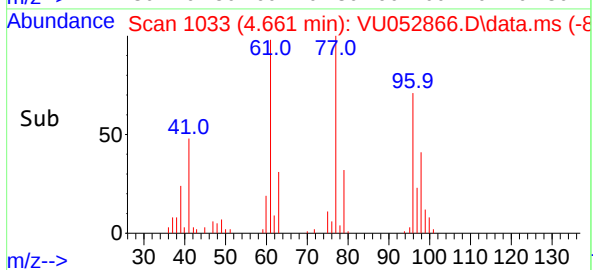
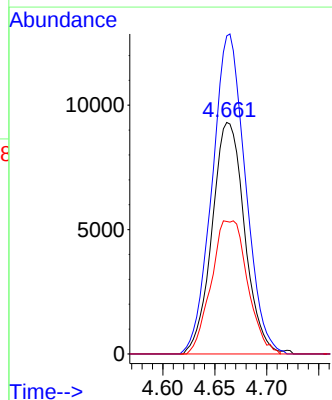
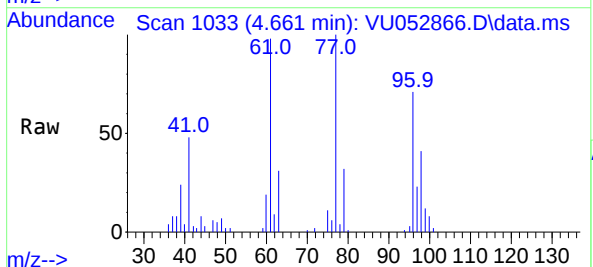
Manual Integrations  
APPROVED

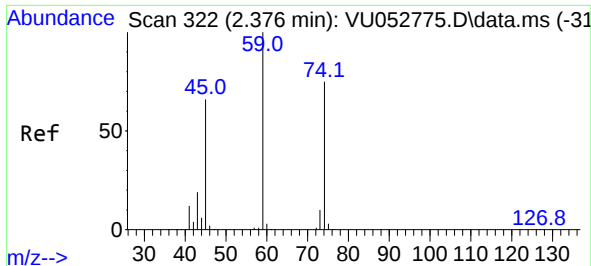
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#22  
cis-1,2-Dichloroethene  
Concen: 2.328 ug/l  
RT: 4.661 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Tgt Ion: 96 Resp: 20249  
Ion Ratio Lower Upper  
96 100  
61 141.5 0.0 353.3  
98 63.8 32.6 97.7





#23

Diethyl Ether

Concen: 2.096 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 17:14

Instrument :

MSVOA\_U

ClientSampleId :

VU0130WBSD01

Tgt Ion: 59 Resp: 1108

Ion Ratio Lower Upper

59 100

45 68.3 52.1 78.1

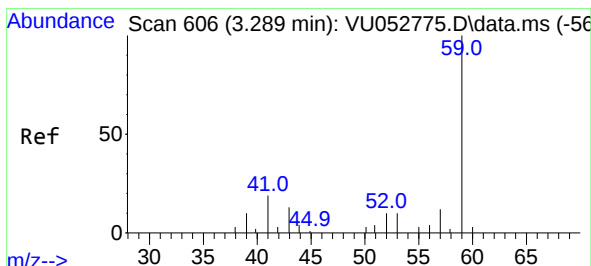
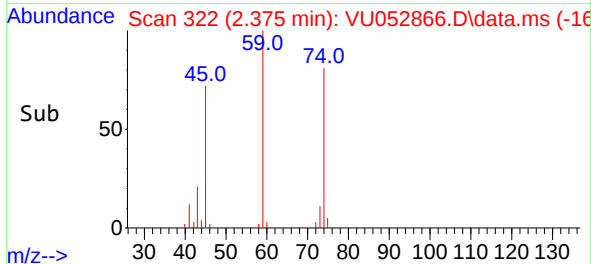
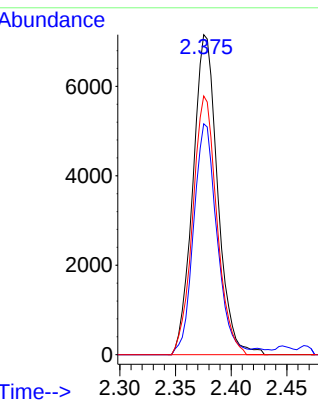
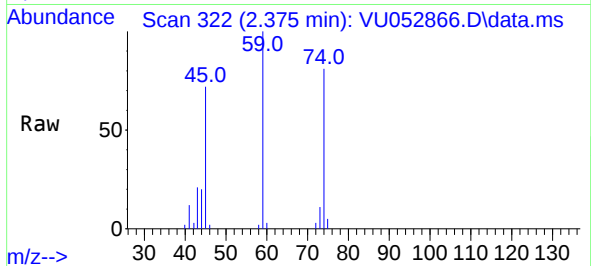
74 78.8 61.6 92.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#24

tert-Butyl Alcohol

Concen: 25.917 ug/l m

RT: 3.276 min Scan# 602

Delta R.T. -0.013 min

Lab File: VU052866.D

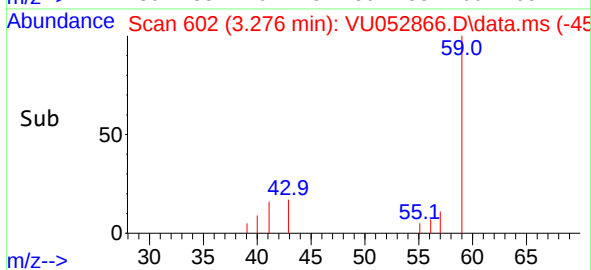
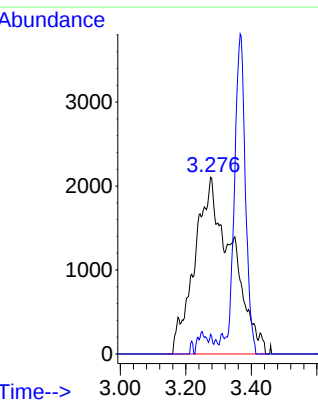
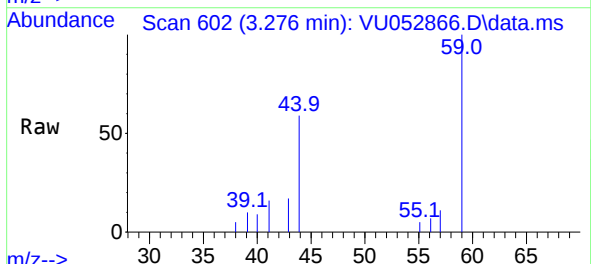
Acq: 30 Jan 2023 17:14

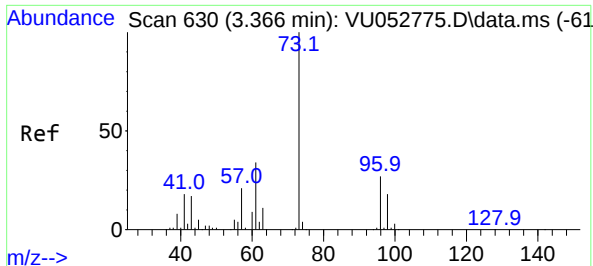
Tgt Ion: 59 Resp: 16499

Ion Ratio Lower Upper

59 100

57 2.9 45.8 68.8#





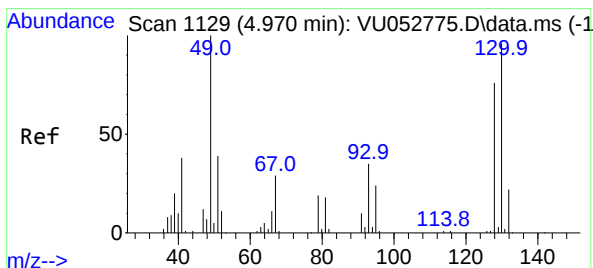
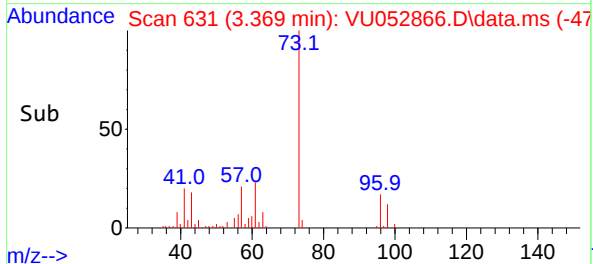
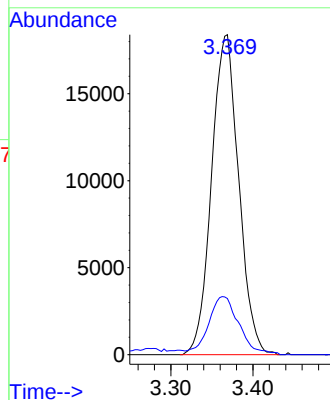
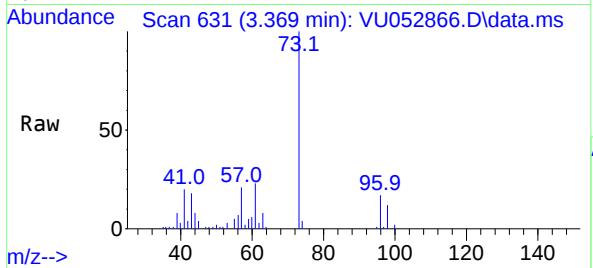
#25  
Methyl tert-Butyl Ether  
Concen: 2.469 ug/l  
RT: 3.369 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01

Tgt Ion: 73 Resp: 42364  
Ion Ratio Lower Upper  
73 100  
43 20.4 15.3 22.9

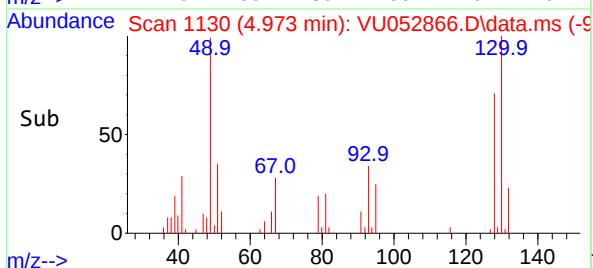
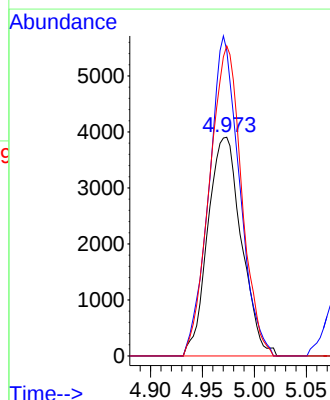
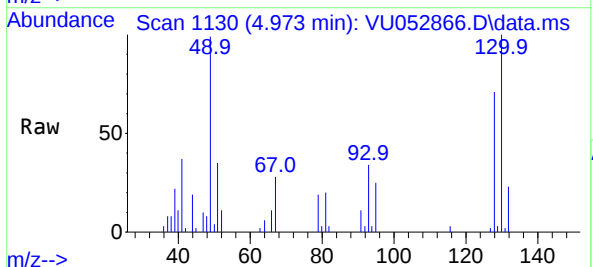
Manual Integrations  
APPROVED

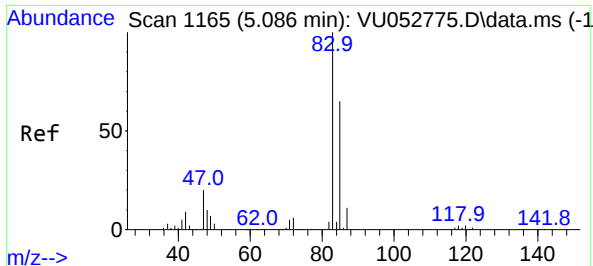
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#26  
Bromochloromethane  
Concen: 2.163 ug/l  
RT: 4.973 min Scan# 1130  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

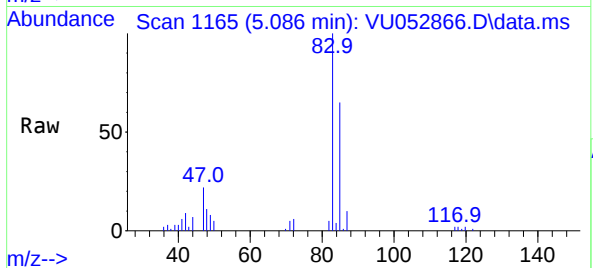
Tgt Ion:128 Resp: 8781  
Ion Ratio Lower Upper  
128 100  
49 132.8 0.0 265.0  
130 135.4 100.7 151.1





#27  
Chloroform  
Concen: 2.532 ug/l  
RT: 5.086 min Scan# 1165  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

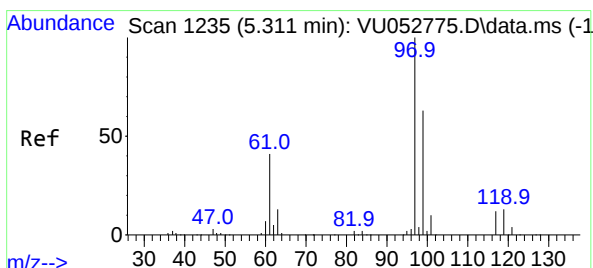
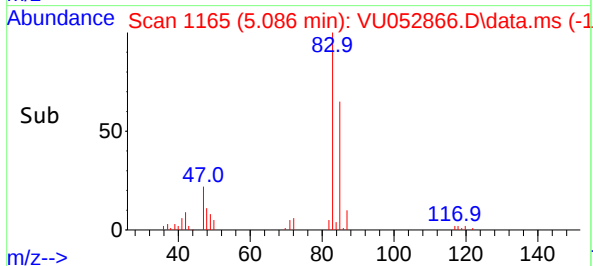
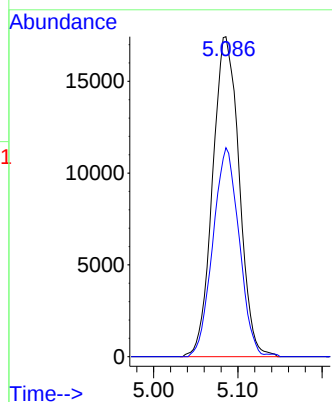
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



Tgt Ion: 83 Resp: 38129  
Ion Ratio Lower Upper  
83 100  
85 65.3 0.0 130.6

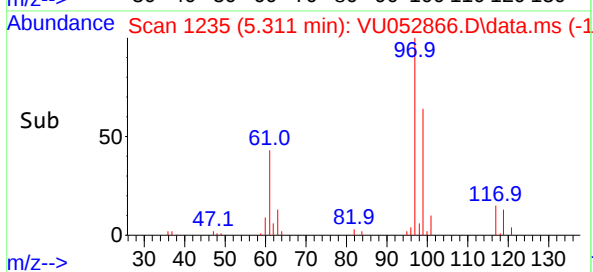
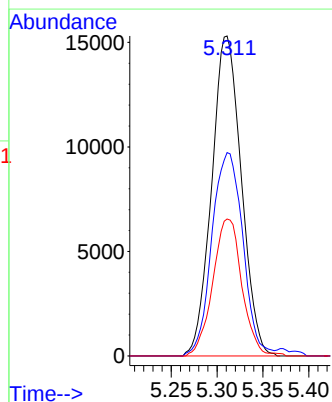
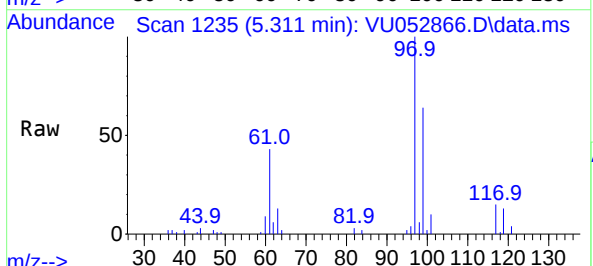
Manual Integrations  
APPROVED

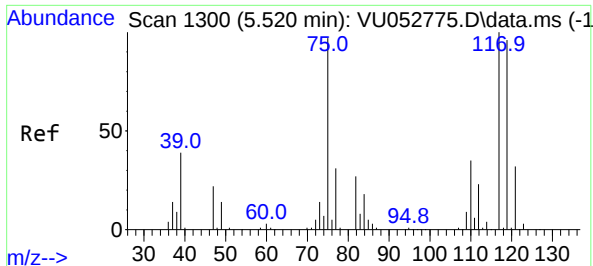
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#28  
1,1,1-Trichloroethane  
Concen: 2.476 ug/l  
RT: 5.311 min Scan# 1235  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Tgt Ion: 97 Resp: 34434  
Ion Ratio Lower Upper  
97 100  
99 66.4 31.9 95.5  
61 42.1 20.8 62.2





#29  
1,1-Dichloropropene  
Concen: 2.005 ug/l  
RT: 5.520 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

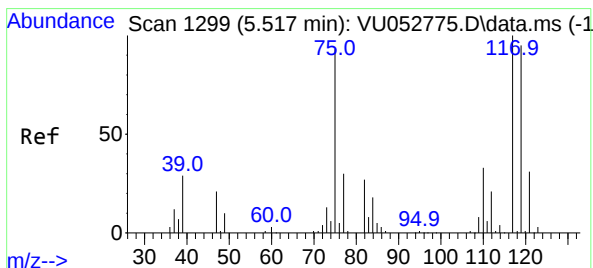
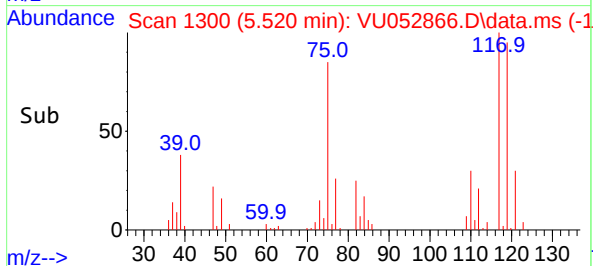
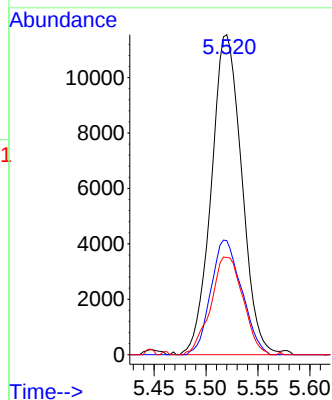
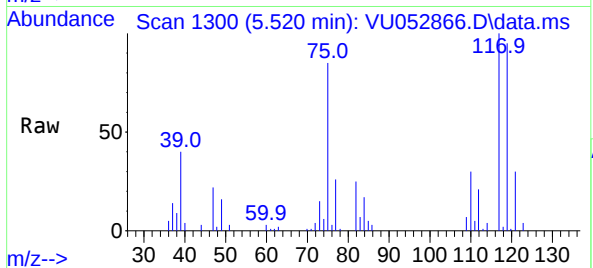
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01

Tgt Ion: 75 Resp: 23509

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 36.3  | 17.4  | 52.2  |
| 77  | 32.3  | 24.8  | 37.2  |

Manual Integrations  
APPROVED

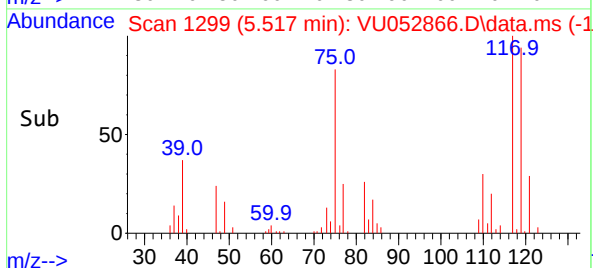
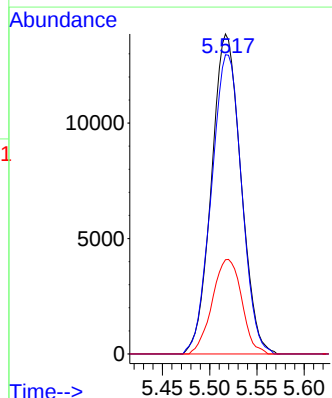
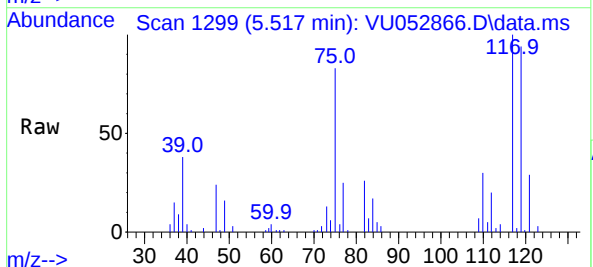
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

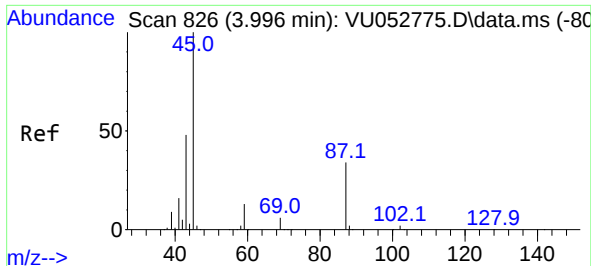


#30  
Carbon Tetrachloride  
Concen: 2.376 ug/l  
RT: 5.517 min Scan# 1299  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Tgt Ion:117 Resp: 29987

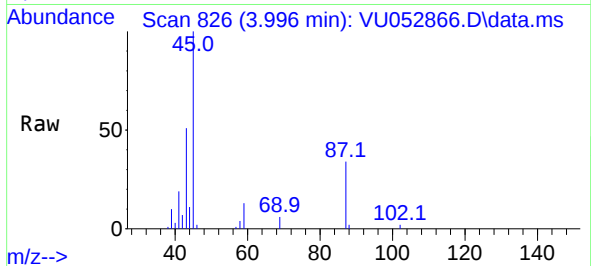
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 93.5  | 76.4  | 114.6 |
| 121 | 29.4  | 25.0  | 37.6  |





#31  
Isopropyl Ether  
Concen: 2.229 ug/l  
RT: 3.996 min Scan# 826  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

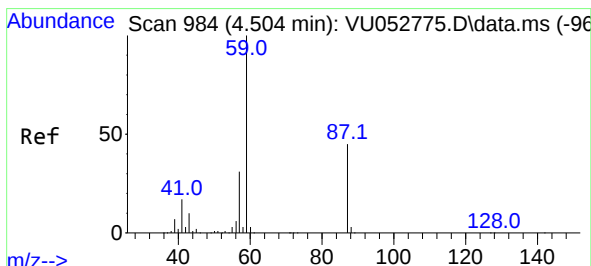
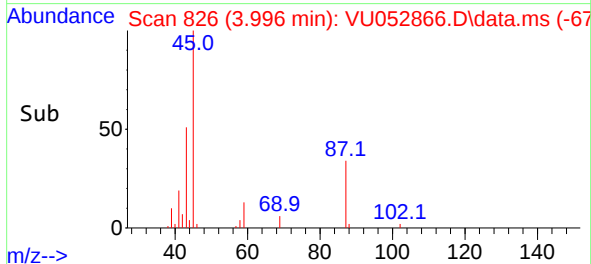
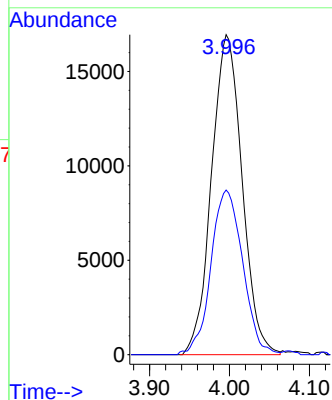
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



Tgt Ion: 45 Resp: 45019  
Ion Ratio Lower Upper  
45 100  
43 53.4 24.5 73.5

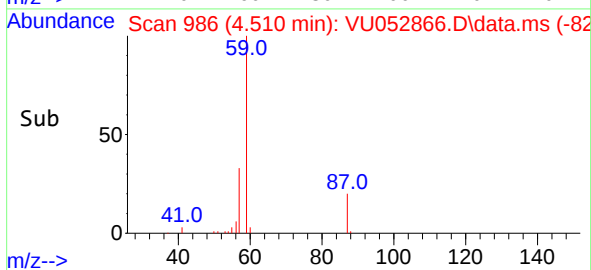
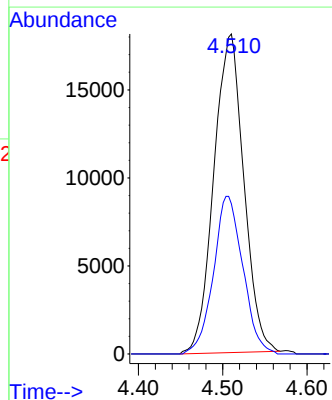
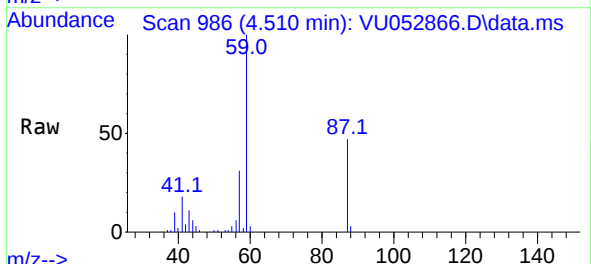
Manual Integrations  
APPROVED

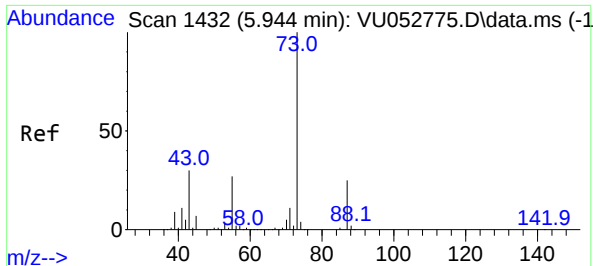
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#32  
Ethyl-t-butyl ether  
Concen: 2.371 ug/l  
RT: 4.510 min Scan# 986  
Delta R.T. 0.006 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

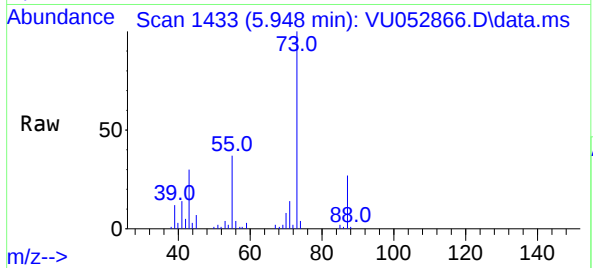
Tgt Ion: 59 Resp: 44719  
Ion Ratio Lower Upper  
59 100  
87 48.5 36.2 54.2





#33  
Tert-Amyl methyl ether  
Concen: 1.912 ug/l  
RT: 5.948 min Scan# 1432  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

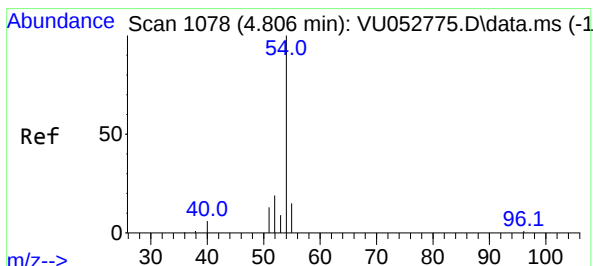
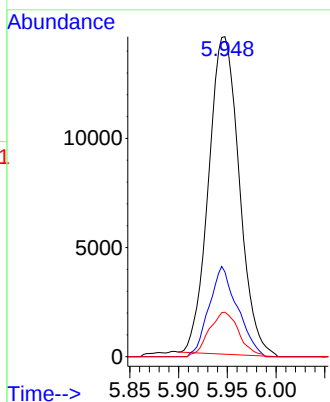
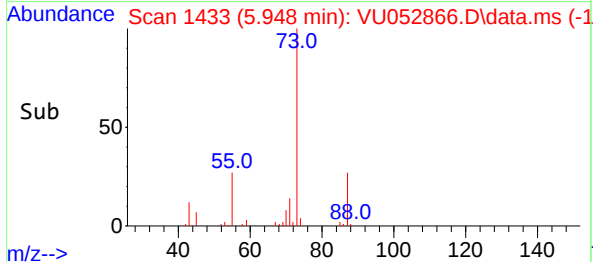
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



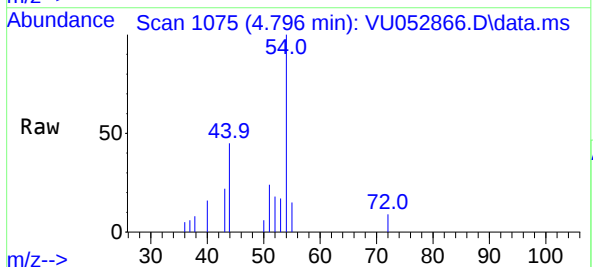
Tgt Ion: 73 Resp: 3188  
Ion Ratio Lower Upper  
73 100  
87 26.3 20.1 30.1  
71 13.6 9.2 13.8

Manual Integrations  
APPROVED

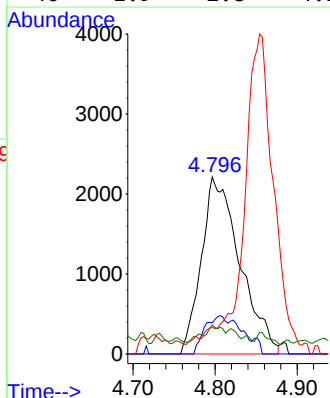
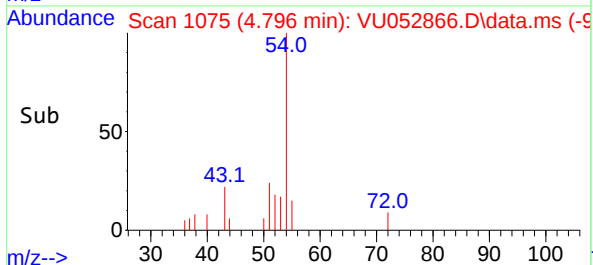
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

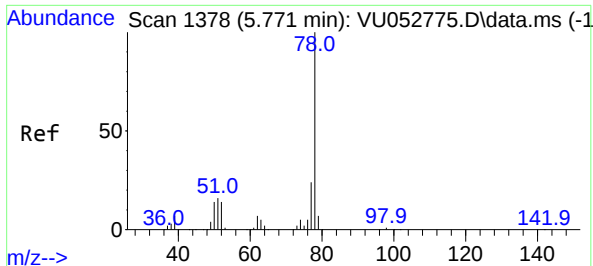


#34  
Propionitrile  
Concen: 12.077 ug/l  
RT: 4.796 min Scan# 1075  
Delta R.T. -0.010 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



Tgt Ion: 54 Resp: 7225  
Ion Ratio Lower Upper  
54 100  
52 12.4 16.9 25.3#  
55 0.0 118.6 178.0#  
40 1.9 2.8 4.2#





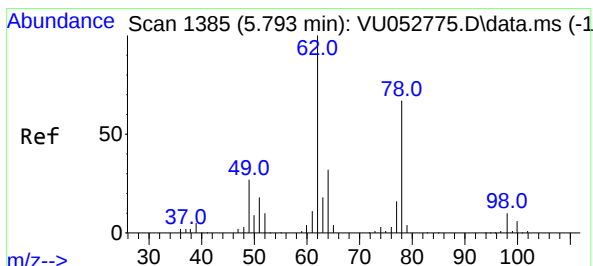
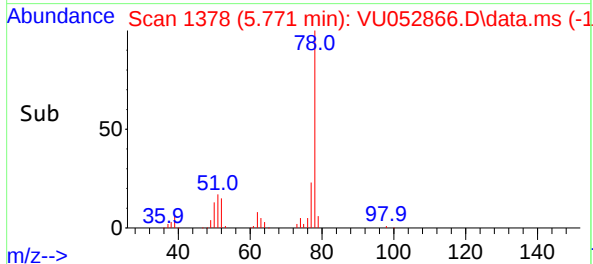
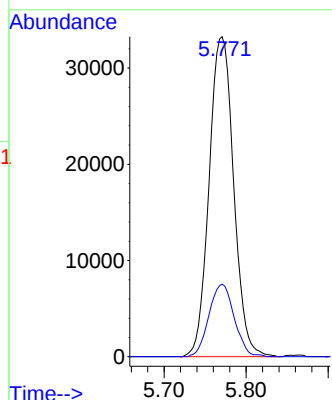
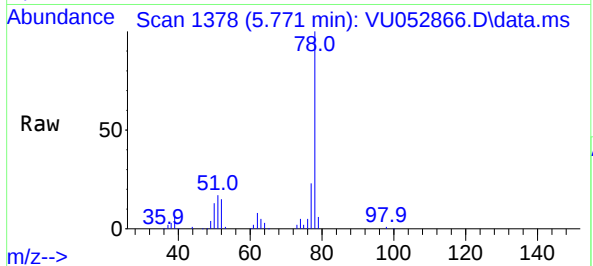
#35  
Benzene  
Concen: 2.030 ug/l  
RT: 5.771 min Scan# 1378  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01

Tgt Ion: 78 Resp: 69069  
Ion Ratio Lower Upper  
78 100  
77 22.6 19.0 28.4

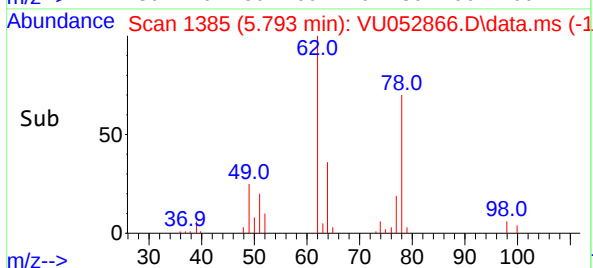
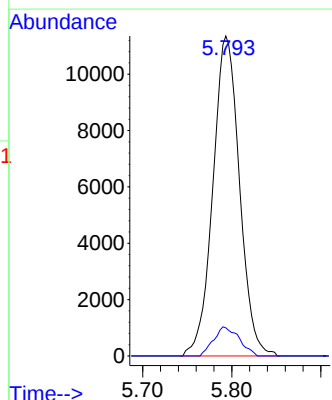
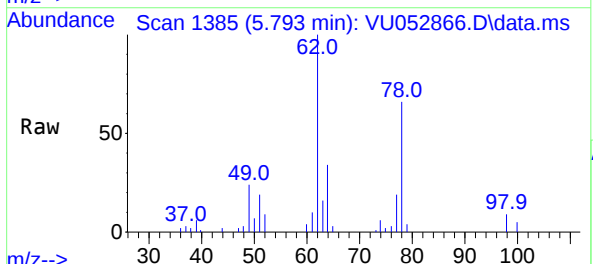
Manual Integrations  
APPROVED

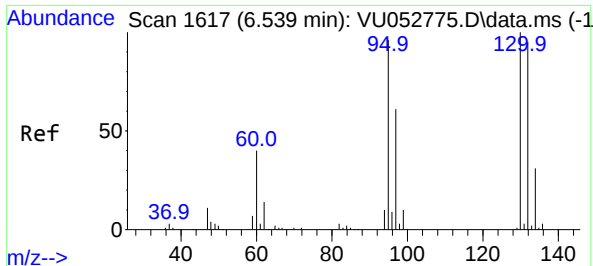
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#36  
1,2-Dichloroethane  
Concen: 2.305 ug/l  
RT: 5.793 min Scan# 1385  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

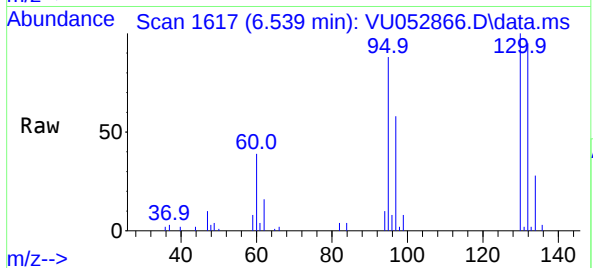
Tgt Ion: 62 Resp: 23554  
Ion Ratio Lower Upper  
62 100  
98 8.7 7.5 11.3





#37  
Trichloroethene  
Concen: 1.992 ug/l  
RT: 6.539 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

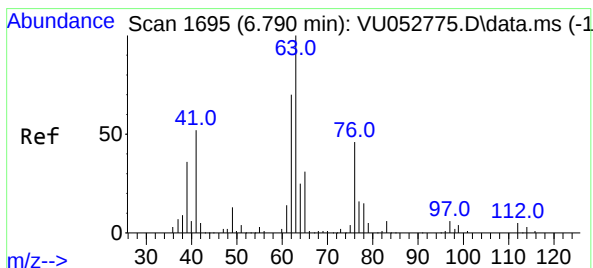
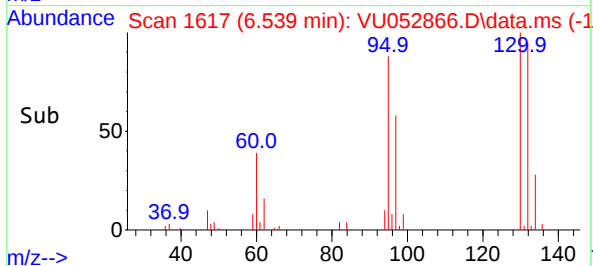
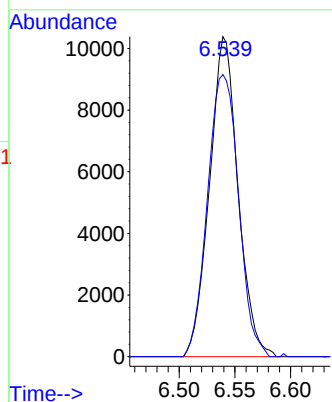
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



Tgt Ion:130 Resp: 18480  
Ion Ratio Lower Upper  
130 100  
95 88.2 76.6 114.8

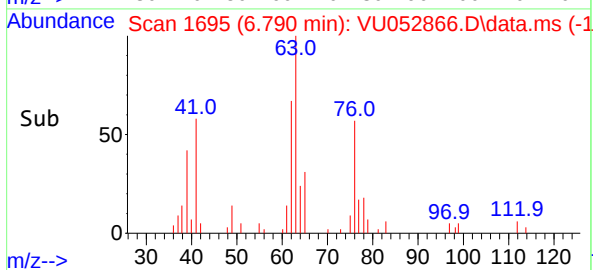
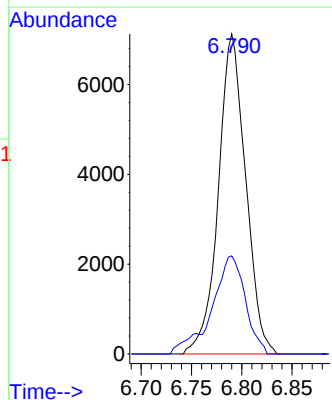
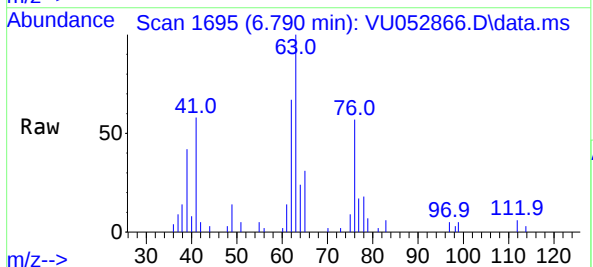
Manual Integrations  
APPROVED

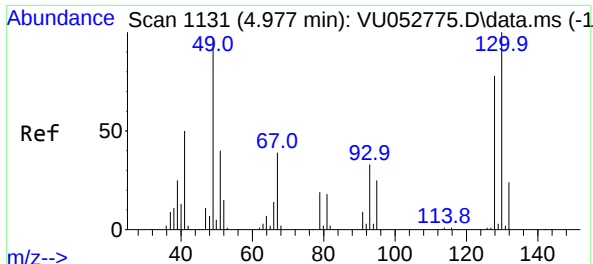
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#38  
1,2-Dichloropropane  
Concen: 1.558 ug/l  
RT: 6.790 min Scan# 1695  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Tgt Ion: 63 Resp: 13453  
Ion Ratio Lower Upper  
63 100  
65 30.7 24.6 36.8





#39

Methacrylonitrile

Concen: 2.265 ug/l

RT: 4.980 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 17:14

Instrument :

MSVOA\_U

ClientSampleId :

VU0130WBSD01

Tgt Ion: 41 Resp: 541

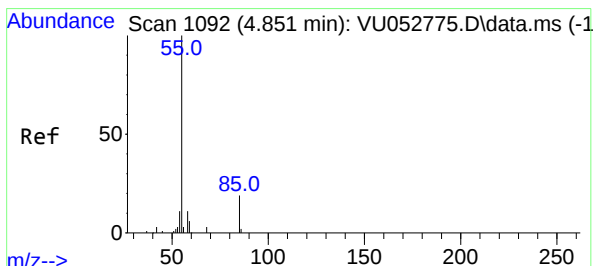
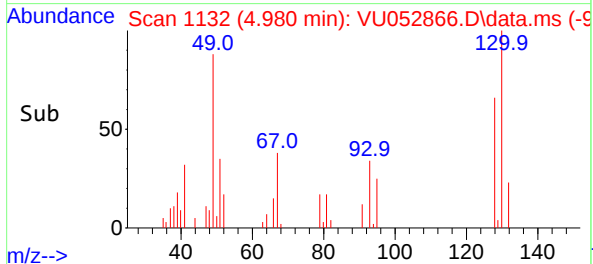
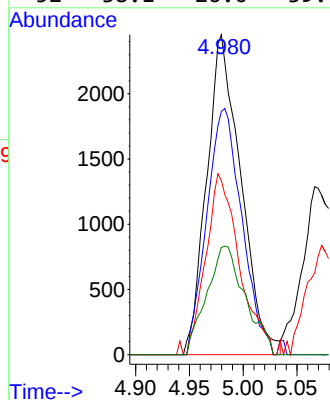
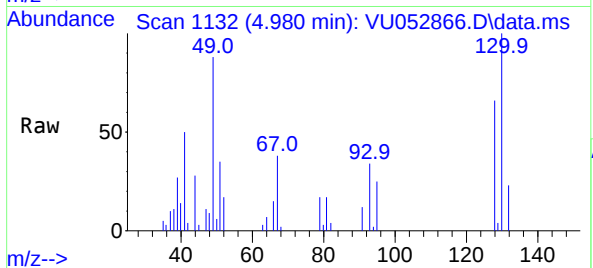
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 67  | 79.2  | 64.9  | 97.3  |
| 39  | 55.4  | 41.7  | 62.5  |
| 52  | 38.1  | 26.0  | 39.0  |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#40

Methyl acrylate

Concen: 2.385 ug/l

RT: 4.854 min Scan# 1093

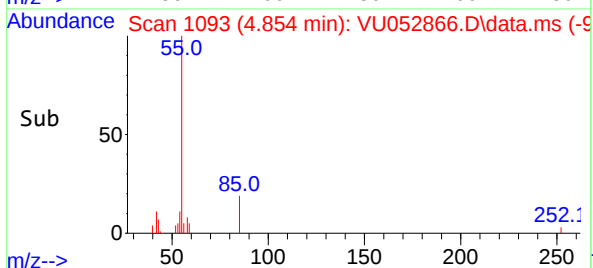
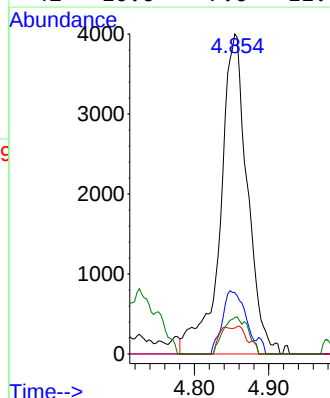
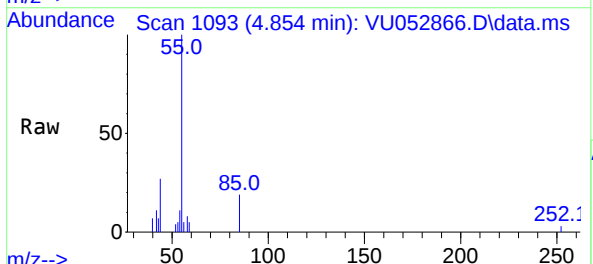
Delta R.T. 0.003 min

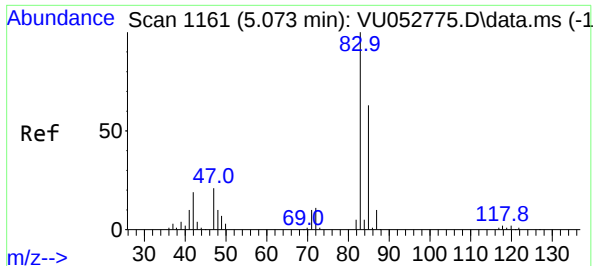
Lab File: VU052866.D

Acq: 30 Jan 2023 17:14

Tgt Ion: 55 Resp: 10103

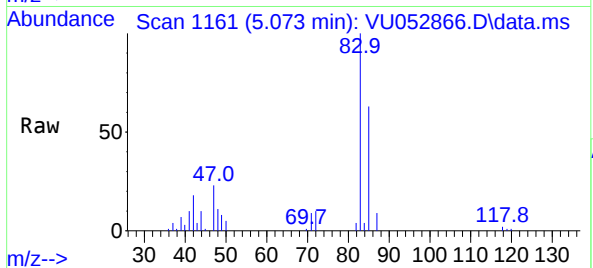
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 55  | 100   |       |       |
| 85  | 17.0  | 14.4  | 21.6  |
| 58  | 4.3   | 7.3   | 10.9  |
| 42  | 10.6  | 7.6   | 11.4  |





#41  
Tetrahydrofuran  
Concen: 4.370 ug/l  
RT: 5.073 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

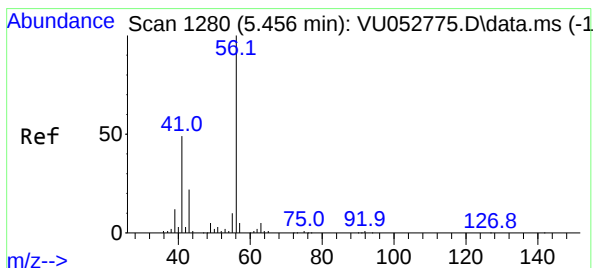
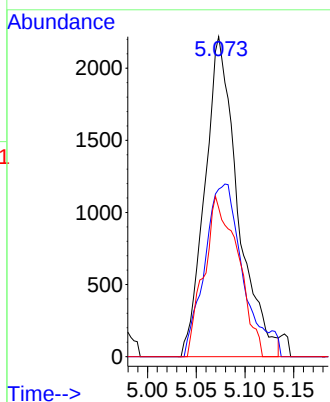
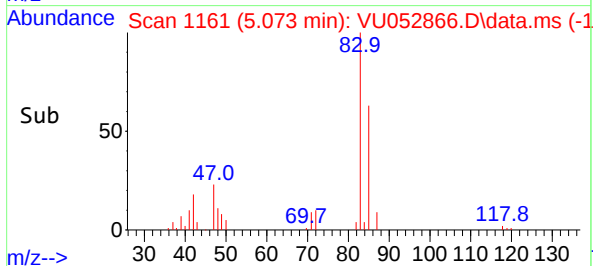
Instrument : MSVOA\_U  
ClientSampleId : VU0130WBSD01



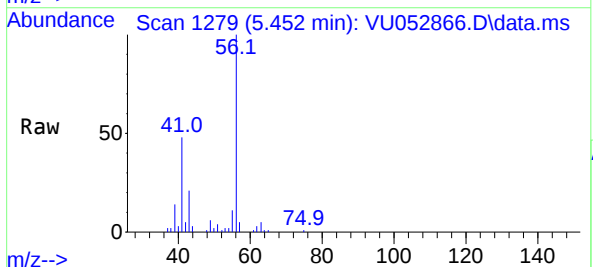
Tgt Ion: 42 Resp: 5194  
Ion Ratio Lower Upper  
42 100  
72 62.9 49.1 73.7  
71 51.8 43.8 65.6

Manual Integrations  
APPROVED

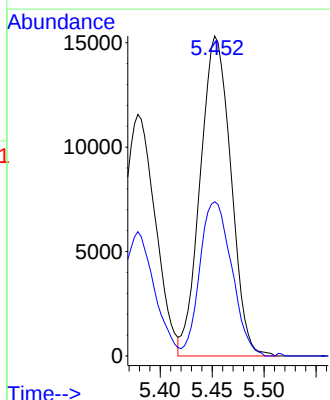
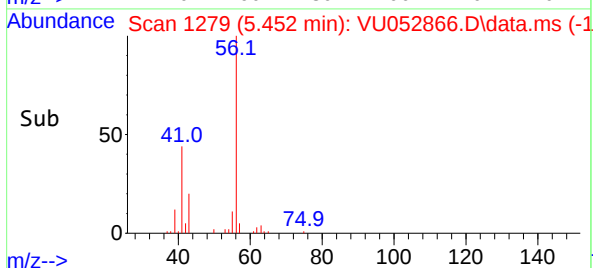
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

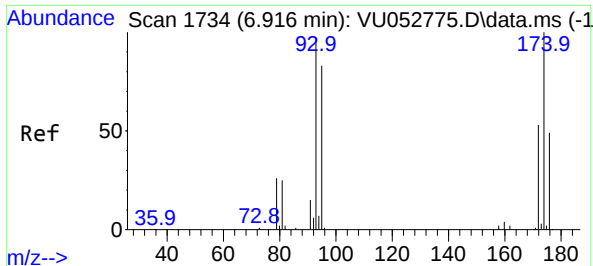


#42  
1-Chlorobutane  
Concen: 2.099 ug/l  
RT: 5.452 min Scan# 1279  
Delta R.T. -0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



Tgt Ion: 56 Resp: 31474  
Ion Ratio Lower Upper  
56 100  
41 50.0 24.5 73.5





#43

Dibromomethane

Concen: 1.836 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 17:14

Instrument :

MSVOA\_U

ClientSampleId :

VU0130WBSD01

Tgt Ion: 93 Resp: 802

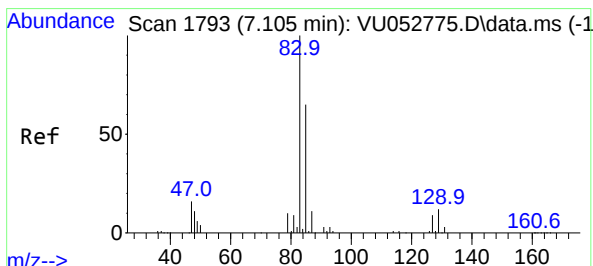
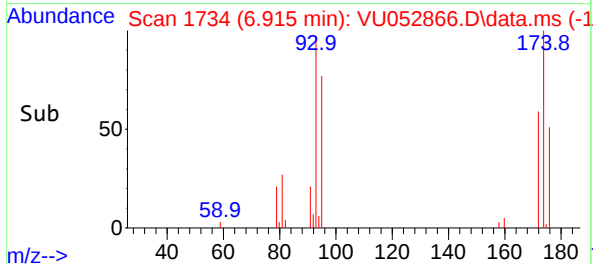
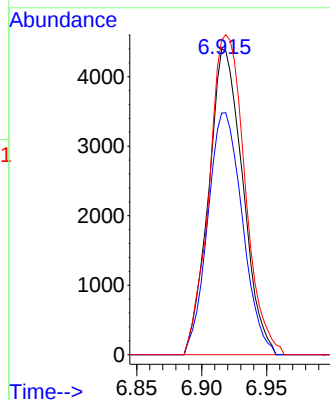
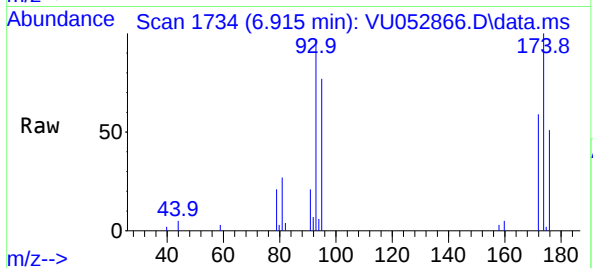
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 80.4  | 67.0  | 100.6 |
| 174 | 109.5 | 82.2  | 123.4 |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#44

Bromodichloromethane

Concen: 1.877 ug/l

RT: 7.105 min Scan# 1793

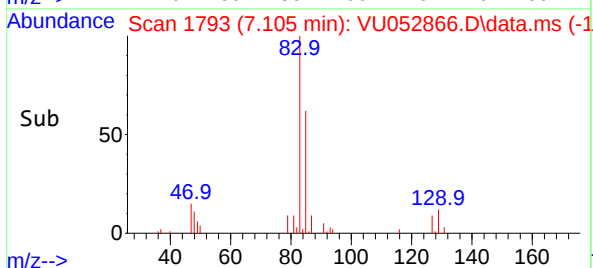
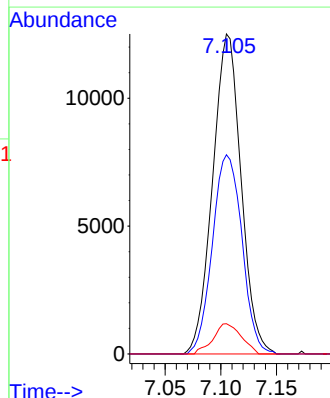
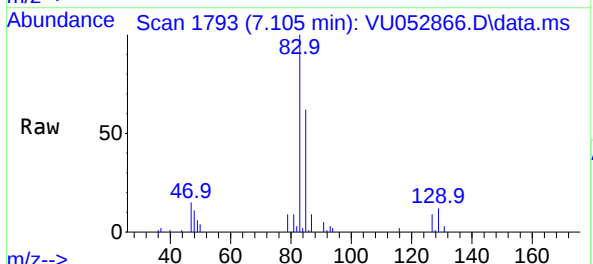
Delta R.T. -0.000 min

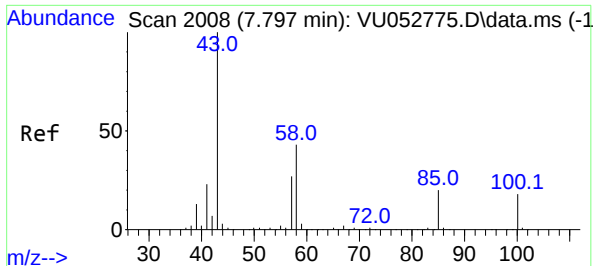
Lab File: VU052866.D

Acq: 30 Jan 2023 17:14

Tgt Ion: 83 Resp: 22251

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.3  | 52.1  | 78.1  |
| 127 | 9.5   | 7.2   | 10.8  |





#45  
4-Methyl-2-Pentanone  
Concen: 6.648 ug/l  
RT: 7.800 min Scan# 2009  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Instrument :

MSVOA\_U

ClientSampleId :

VU0130WBSD01

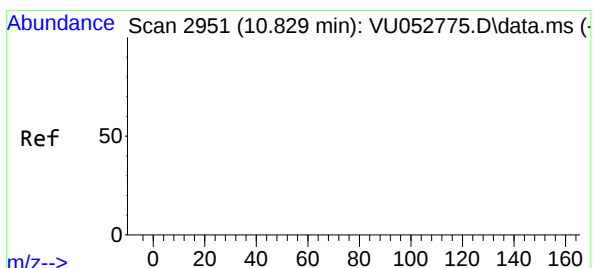
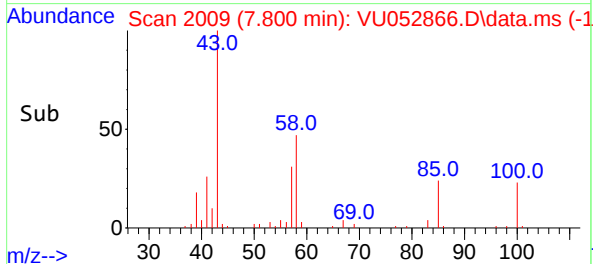
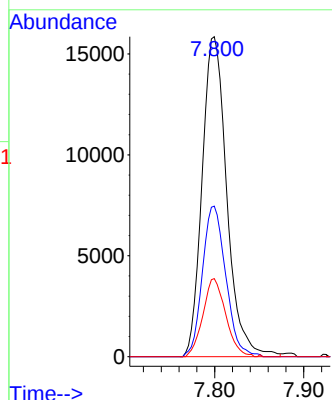
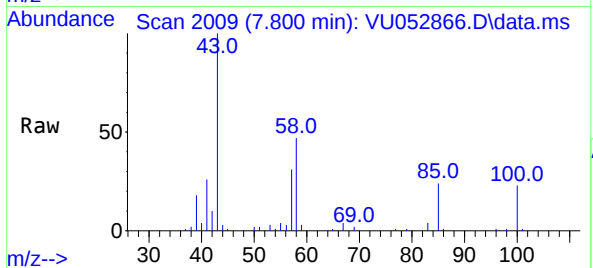
Tgt Ion: 43 Resp: 3052  
Ion Ratio Lower Upper  
43 100  
58 44.5 21.7 65.1  
85 22.5 16.2 24.4

Manual Integrations

APPROVED

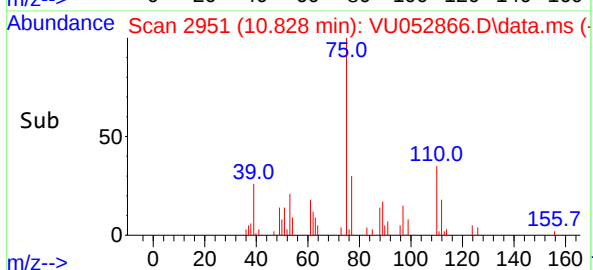
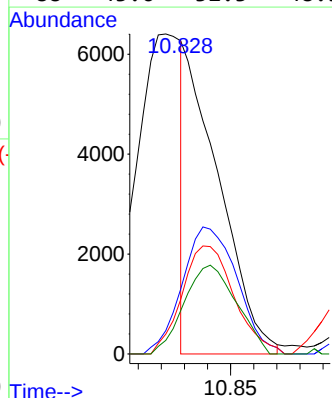
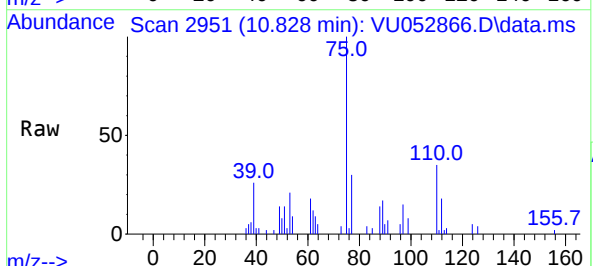
Reviewed By :Krupa Patel 02/01/2023

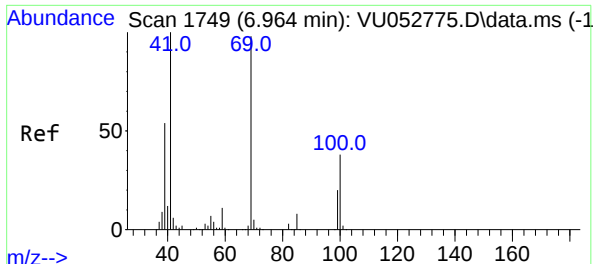
Supervised By :Mahesh Dadoda 02/01/2023



#46  
t-1,4-Dichloro-2-butene  
Concen: 2.662 ug/l m  
RT: 10.828 min Scan# 2951  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Tgt Ion: 75 Resp: 6409  
Ion Ratio Lower Upper  
75 100  
53 65.5 57.0 85.4  
89 53.0 41.1 61.7  
88 43.6 32.3 48.5





#47

Methyl methacrylate

Concen: 2.821 ug/l

RT: 6.967 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU052866.D

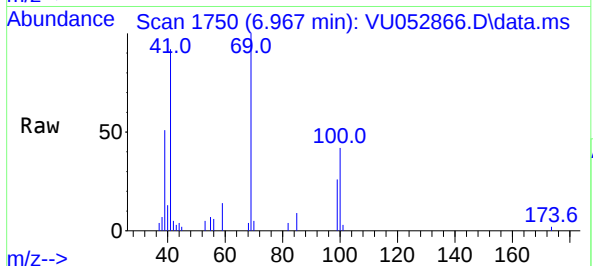
Acq: 30 Jan 2023 17:14

Instrument :

MSVOA\_U

ClientSampleId :

VU0130WBSD01



Tgt Ion: 69 Resp: 1095

Ion Ratio Lower Upper

69 100

41 92.7 0.0 201.8

39 54.6 44.0 66.0

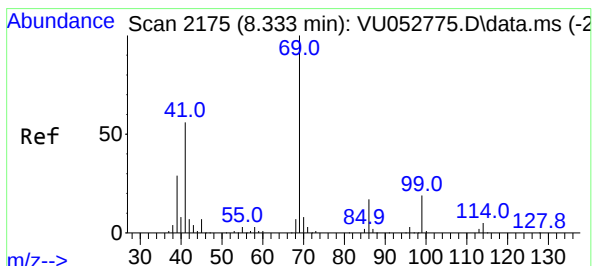
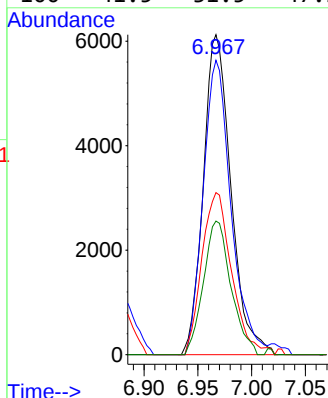
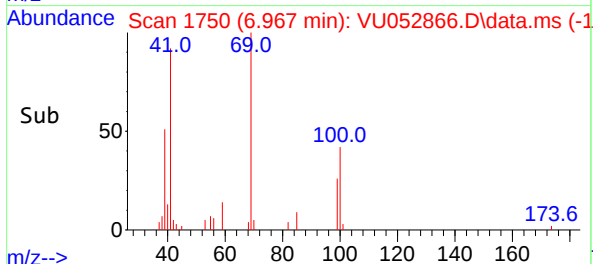
100 41.5 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#48

Ethyl methacrylate

Concen: 1.427 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.000 min

Lab File: VU052866.D

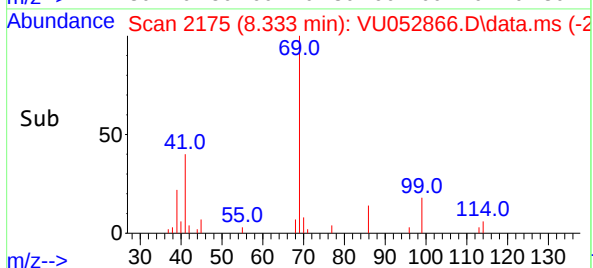
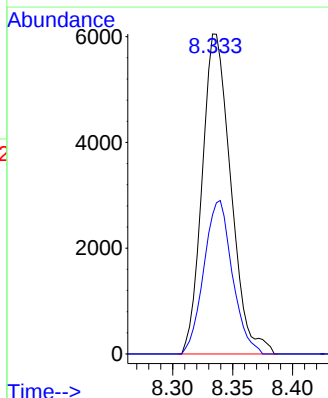
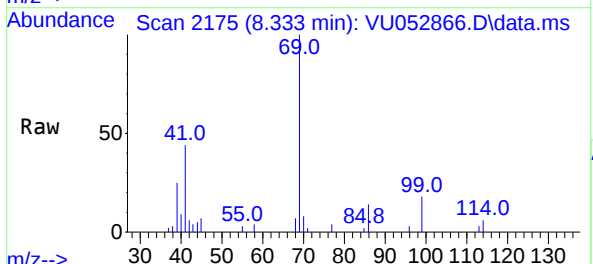
Acq: 30 Jan 2023 17:14

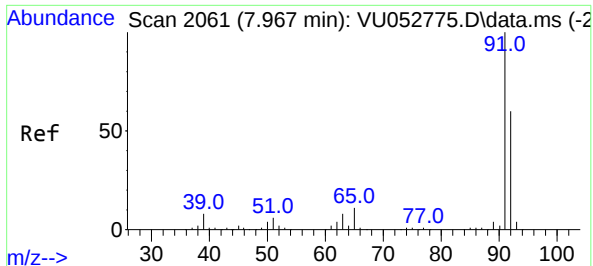
Tgt Ion: 69 Resp: 10047

Ion Ratio Lower Upper

69 100

41 47.6 28.1 84.4





#49

Toluene

Concen: 1.557 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 17:14

Instrument :

MSVOA\_U

ClientSampleId :

VU0130WBSD01

Tgt Ion: 92 Resp: 3216

Ion Ratio Lower Upper

92 100

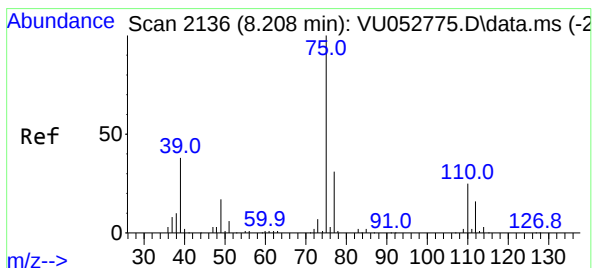
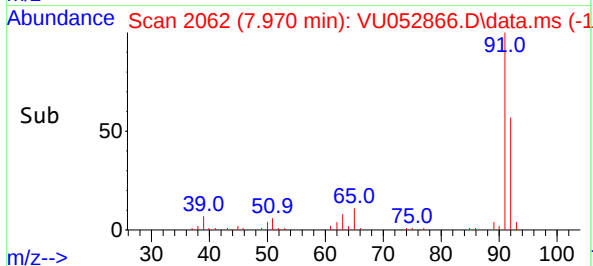
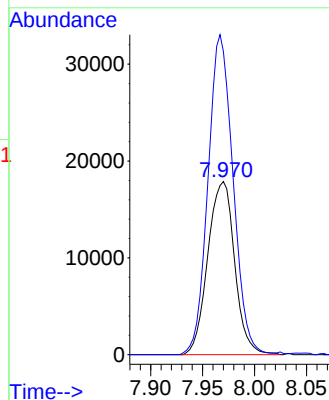
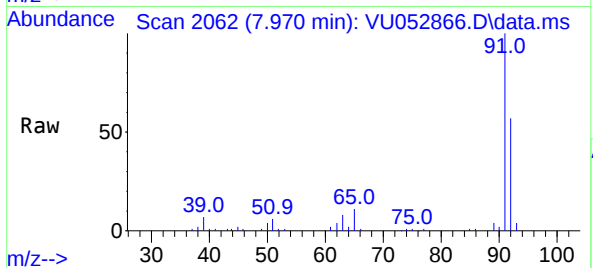
91 172.6 133.8 200.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#50

t-1,3-Dichloropropene

Concen: 1.506 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU052866.D

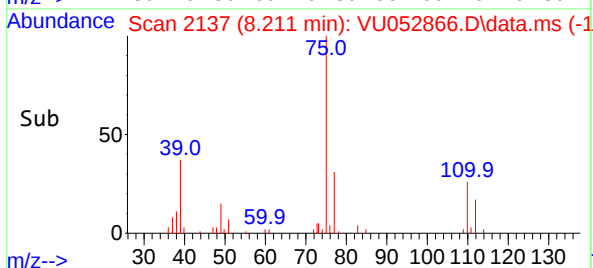
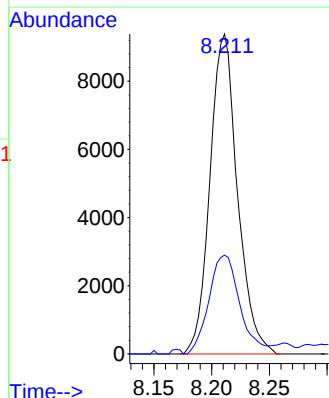
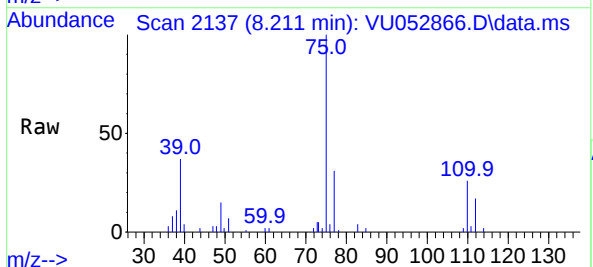
Acq: 30 Jan 2023 17:14

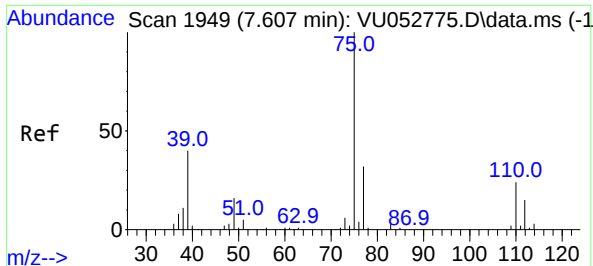
Tgt Ion: 75 Resp: 15568

Ion Ratio Lower Upper

75 100

77 29.6 24.4 36.6





#51  
cis-1,3-Dichloropropene  
Concen: 1.455 ug/l  
RT: 7.607 min Scan# 1949  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

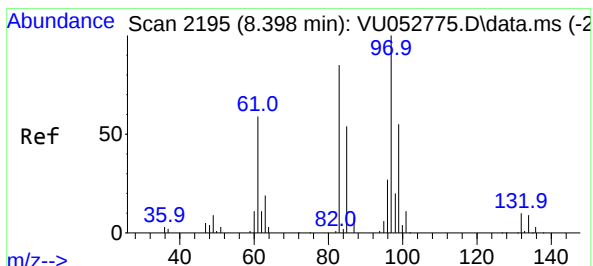
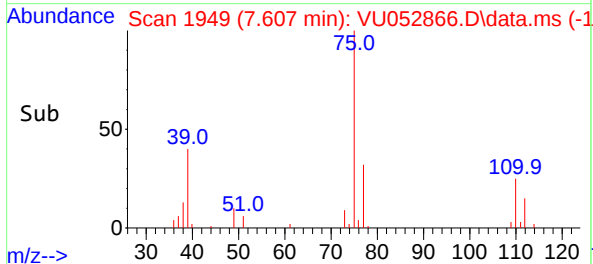
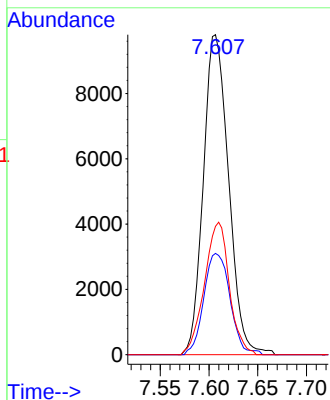
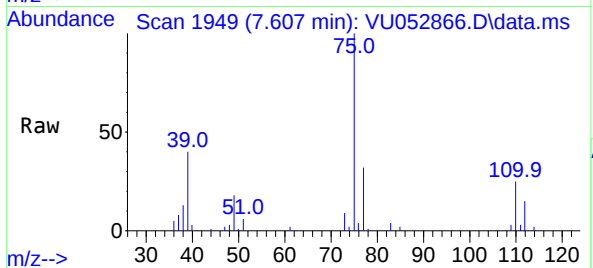
Instrument : MSVOA\_U  
ClientSampleId : VU0130WBSD01

Tgt Ion: 75 Resp: 17694

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.6  | 25.5  | 38.3  |
| 39  | 40.1  | 32.3  | 48.5  |

Manual Integrations  
APPROVED

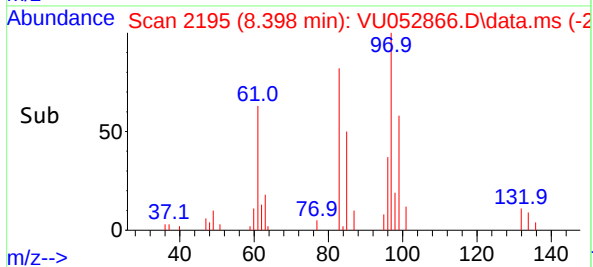
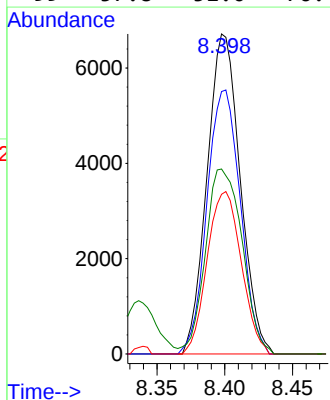
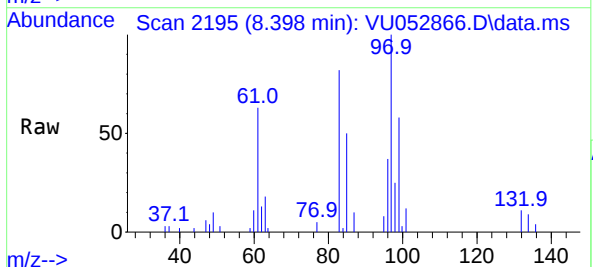
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

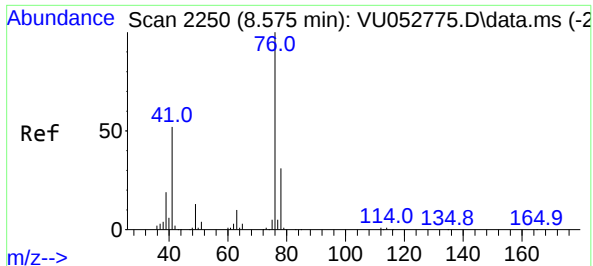


#52  
1,1,2-Trichloroethane  
Concen: 1.840 ug/l  
RT: 8.398 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Tgt Ion: 97 Resp: 11432

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.0  | 68.2  | 102.2 |
| 85  | 49.9  | 44.5  | 66.7  |
| 99  | 57.8  | 51.0  | 76.4  |





#53

1,3-Dichloropropane

Concen: 1.644 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 17:14

Instrument :

MSVOA\_U

ClientSampleId :

VU0130WBSD01

Tgt Ion: 76 Resp: 17652

Ion Ratio Lower Upper

76 100

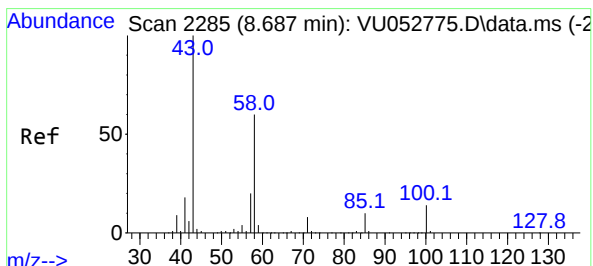
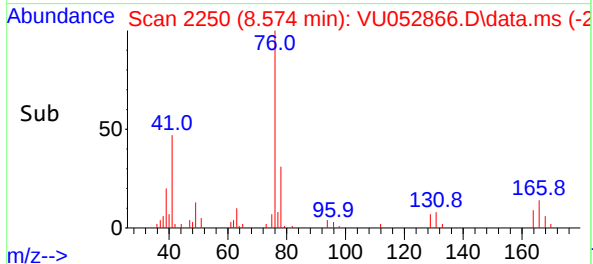
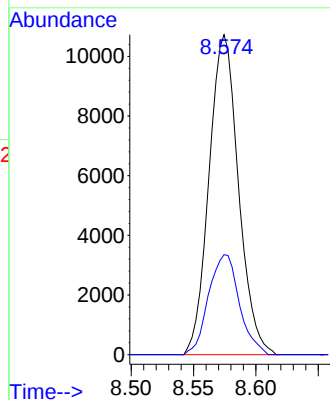
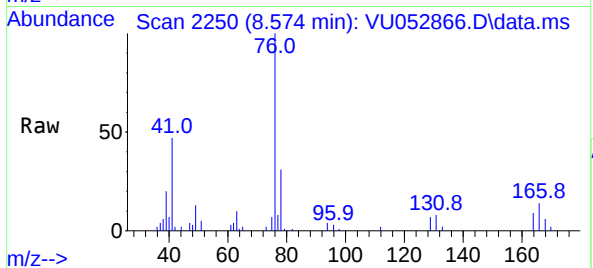
78 32.6 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#54

2-Hexanone

Concen: 7.219 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 17:14

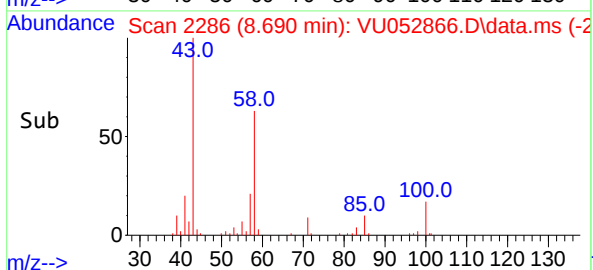
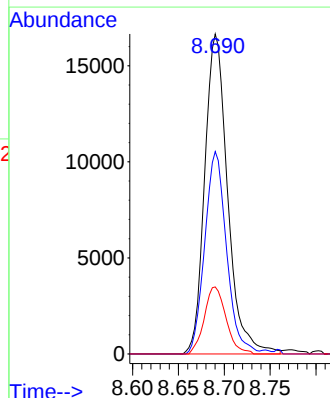
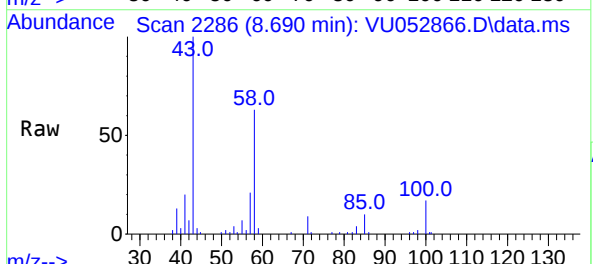
Tgt Ion: 43 Resp: 28996

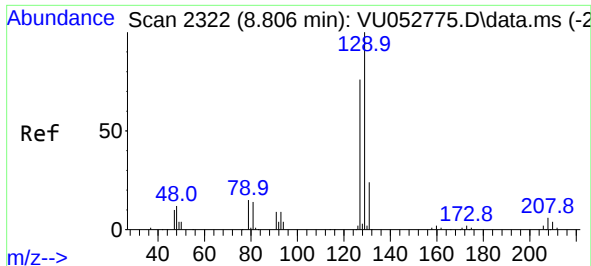
Ion Ratio Lower Upper

43 100

58 60.0 40.0 80.0

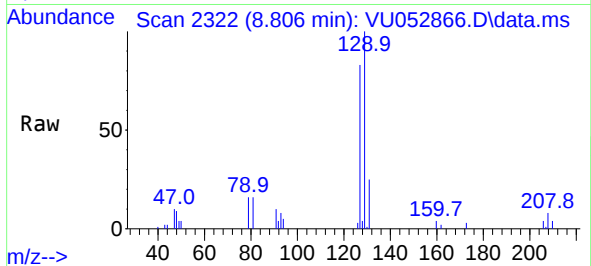
57 19.9 0.6 40.6





#55  
Dibromochloromethane  
Concen: 1.873 ug/l  
RT: 8.806 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

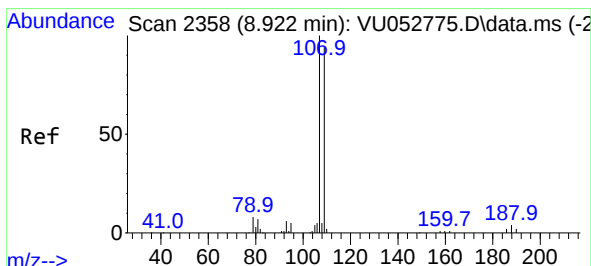
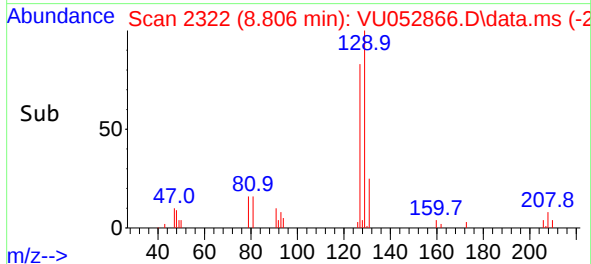
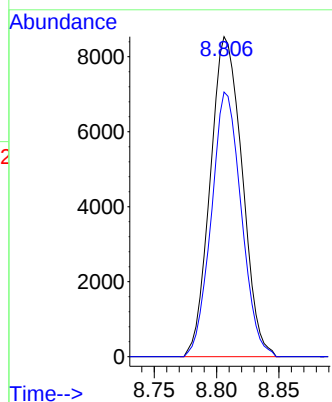
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



Tgt Ion:129 Resp: 15218  
Ion Ratio Lower Upper  
129 100  
127 77.7 61.5 92.3

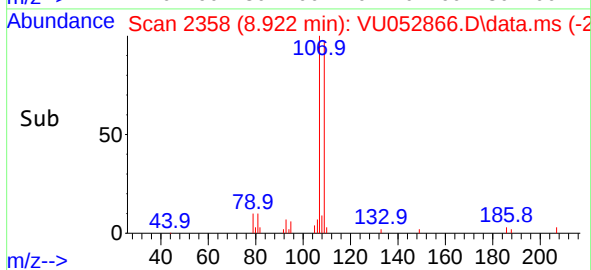
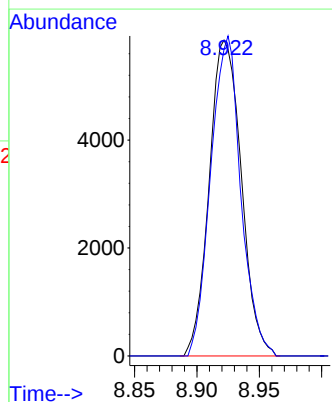
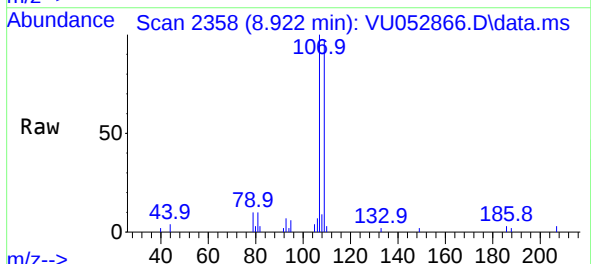
Manual Integrations  
APPROVED

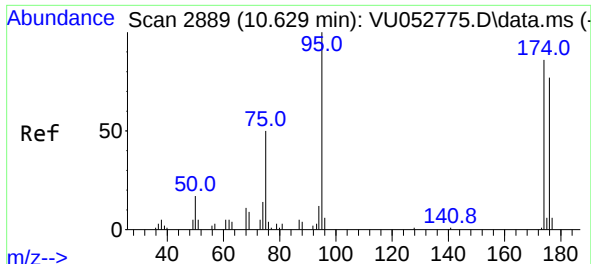
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#56  
1,2-Dibromoethane  
Concen: 1.772 ug/l  
RT: 8.922 min Scan# 2358  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

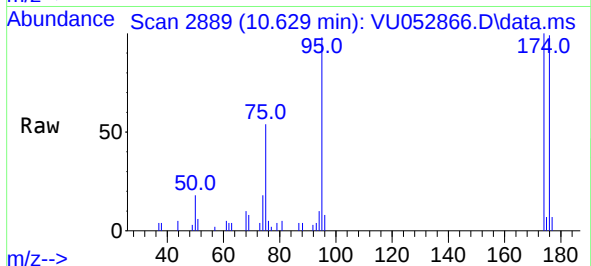
Tgt Ion:107 Resp: 10483  
Ion Ratio Lower Upper  
107 100  
109 95.0 0.0 190.4





#57  
4-Bromofluorobenzene  
Concen: 0.891 ug/l  
RT: 10.629 min Scan# 2889  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

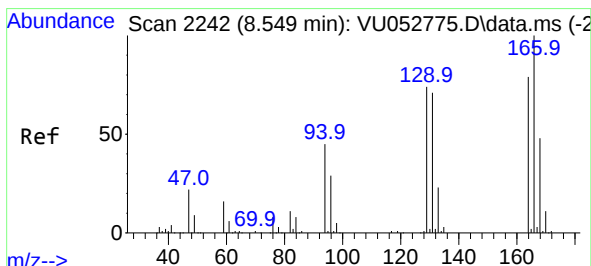
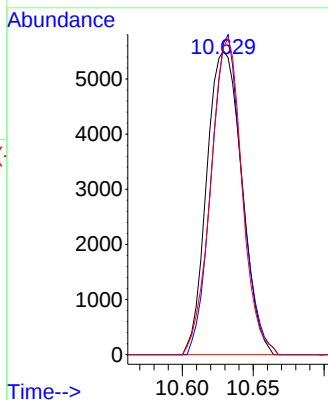
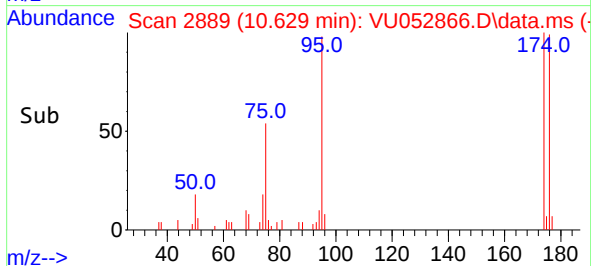
Instrument : MSVOA\_U  
ClientSampleId : VU0130WBSD01



Tgt Ion: 95 Resp: 949  
Ion Ratio Lower Upper  
95 100  
174 92.5 66.9 100.3  
176 92.9 61.9 92.9

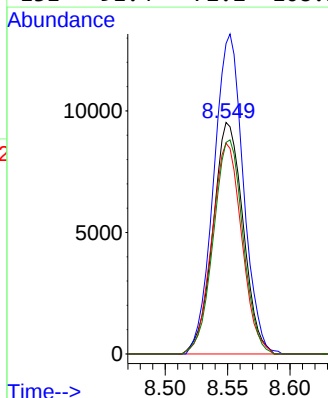
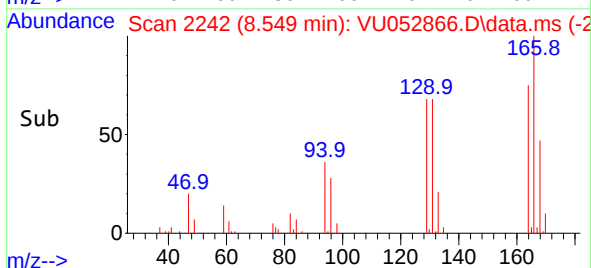
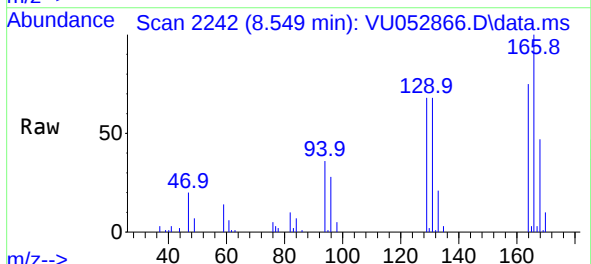
Manual Integrations  
APPROVED

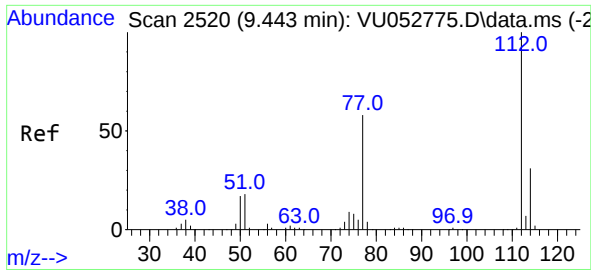
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#58  
Tetrachloroethene  
Concen: 1.918 ug/l  
RT: 8.549 min Scan# 2242  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Tgt Ion:164 Resp: 16056  
Ion Ratio Lower Upper  
164 100  
166 134.1 101.5 152.3  
129 91.1 75.2 112.8  
131 91.4 72.2 108.2





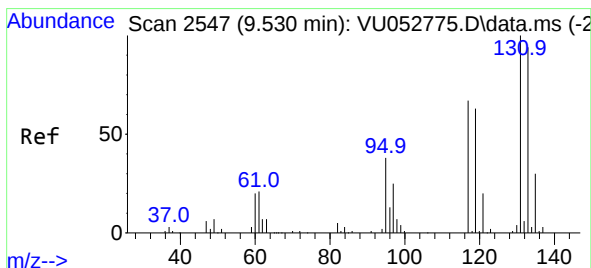
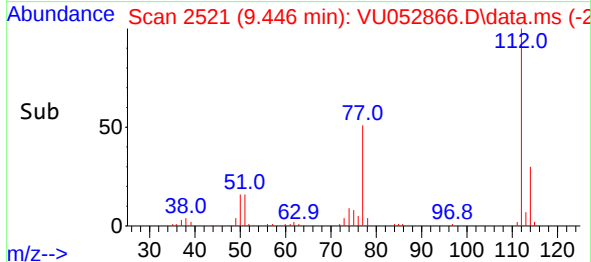
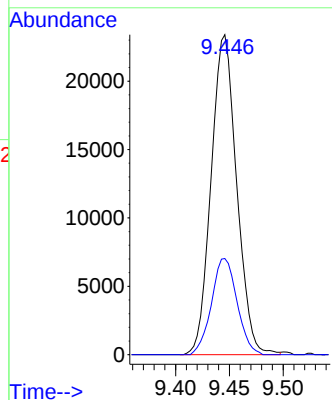
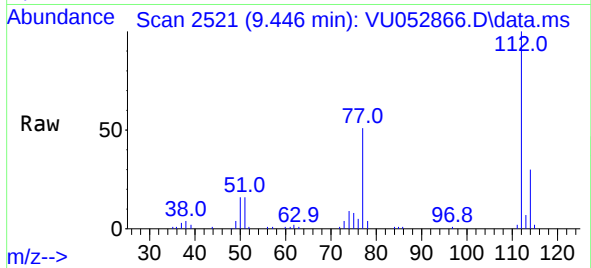
#59  
Chlorobenzene  
Concen: 1.720 ug/l  
RT: 9.446 min Scan# 2520  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01

Tgt Ion:112 Resp: 3866  
Ion Ratio Lower Upper  
112 100  
114 30.1 25.2 37.8

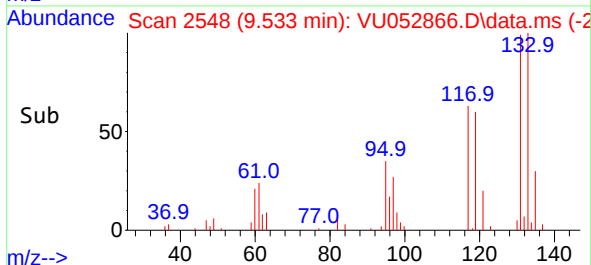
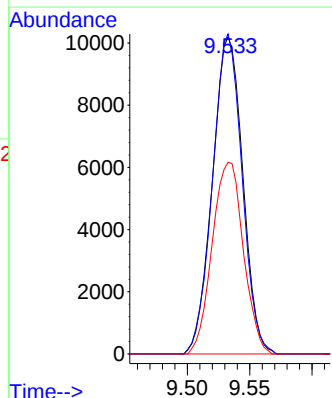
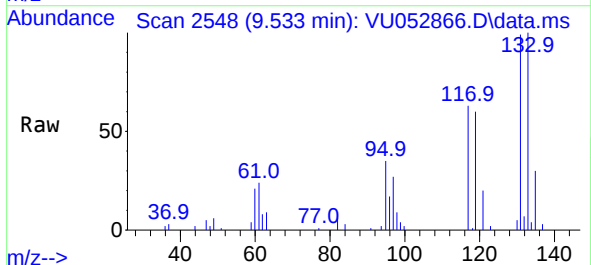
Manual Integrations  
APPROVED

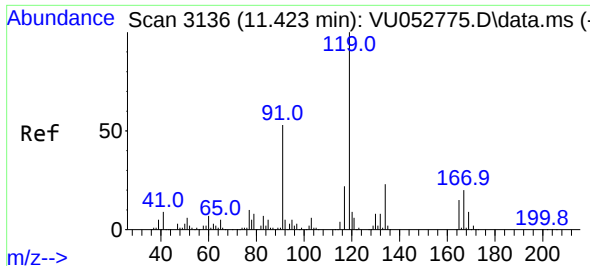
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#60  
1,1,1,2-Tetrachloroethane  
Concen: 1.980 ug/l  
RT: 9.533 min Scan# 2548  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Tgt Ion:131 Resp: 17226  
Ion Ratio Lower Upper  
131 100  
133 98.3 77.2 115.8  
119 62.2 50.8 76.2





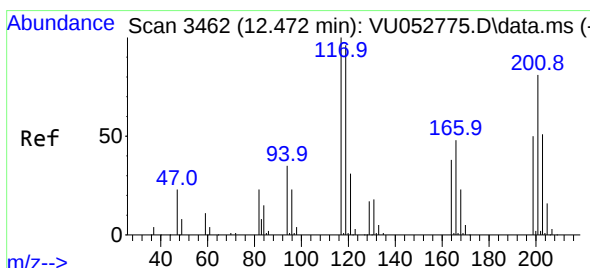
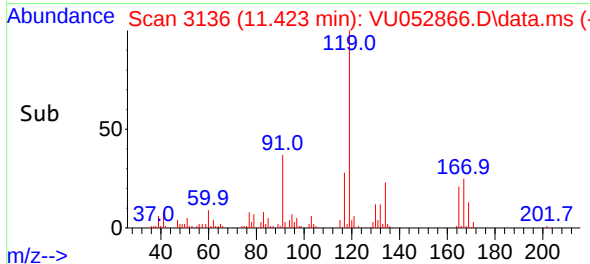
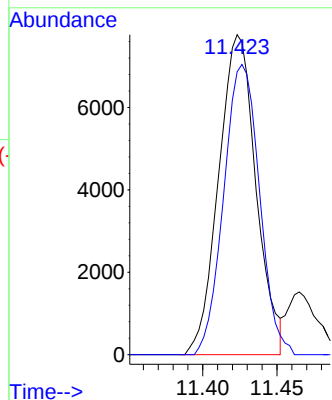
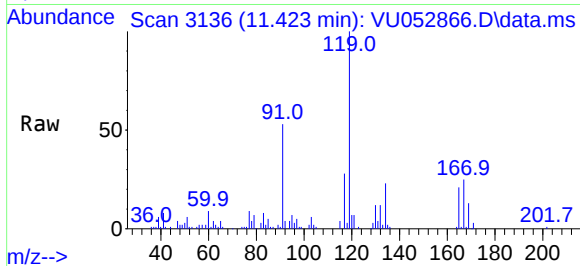
#61  
Pentachloroethane  
Concen: 1.908 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01

Tgt Ion:117 Resp: 13602  
Ion Ratio Lower Upper  
117 100  
167 86.7 66.8 100.2

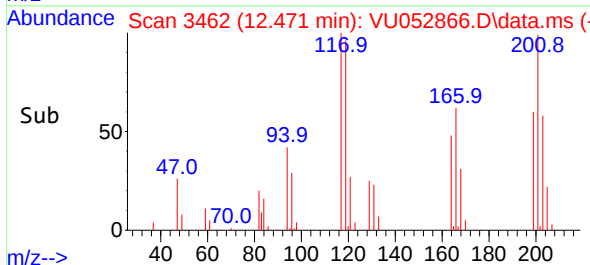
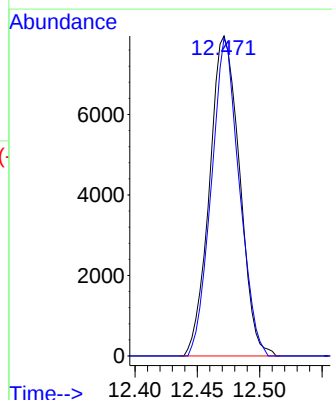
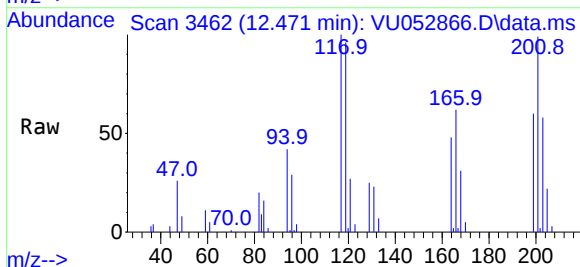
Manual Integrations  
APPROVED

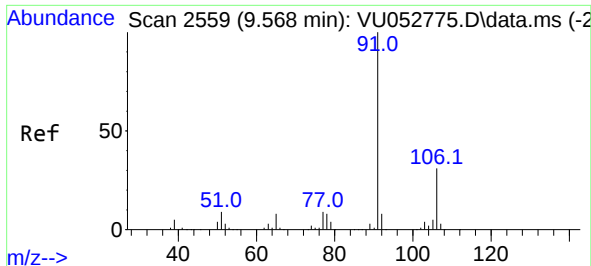
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#62  
Hexachloroethane  
Concen: 1.852 ug/l  
RT: 12.471 min Scan# 3462  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Tgt Ion:117 Resp: 13342  
Ion Ratio Lower Upper  
117 100  
201 92.0 64.6 97.0





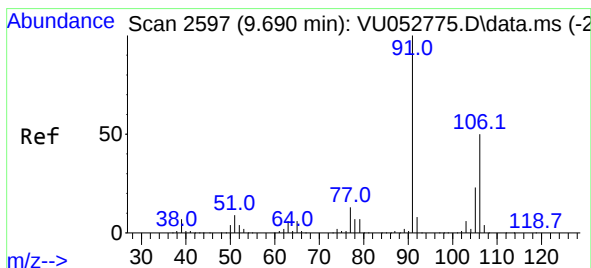
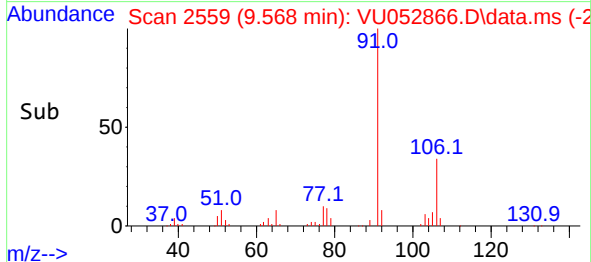
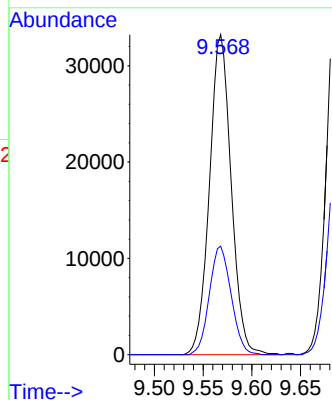
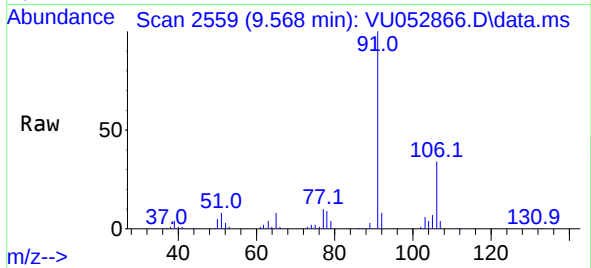
#63  
Ethyl Benzene  
Concen: 1.415 ug/l  
RT: 9.568 min Scan# 2559  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01

Tgt Ion: 91 Resp: 5154  
Ion Ratio Lower Upper  
91 100  
106 33.9 25.1 37.7

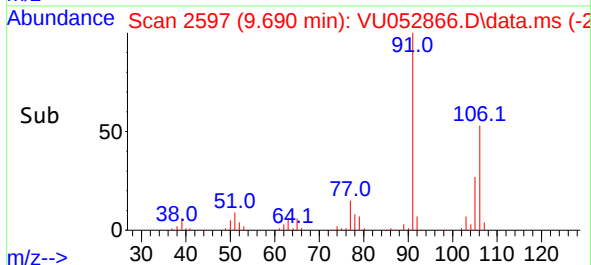
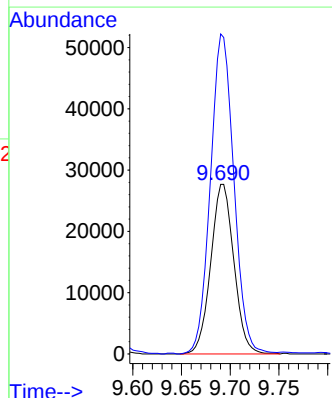
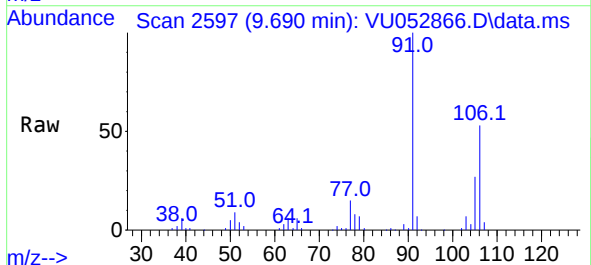
Manual Integrations  
APPROVED

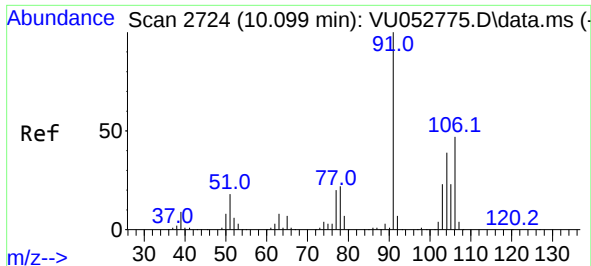
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#64  
m/p-Xylenes  
Concen: 3.149 ug/l  
RT: 9.690 min Scan# 2597  
Delta R.T. 0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Tgt Ion:106 Resp: 45726  
Ion Ratio Lower Upper  
106 100  
91 191.4 158.7 238.1





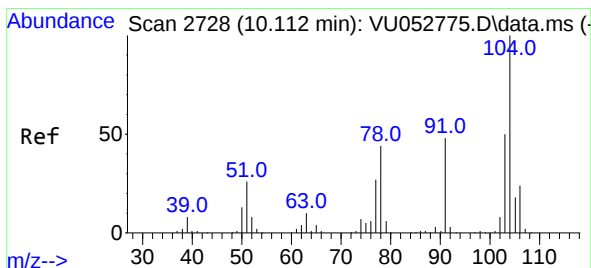
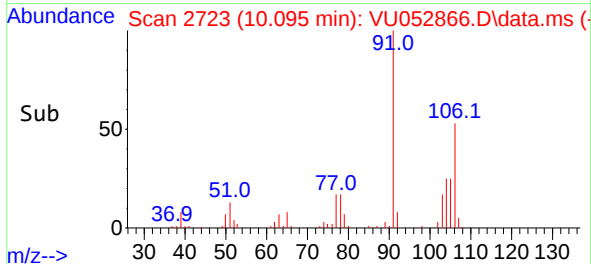
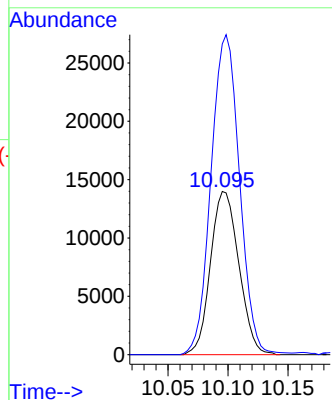
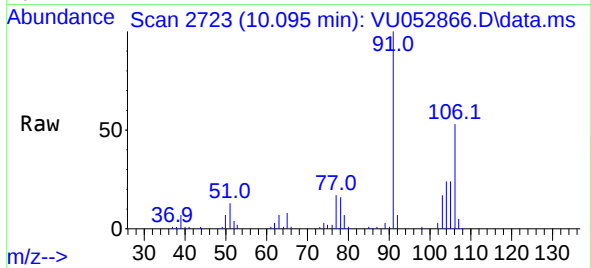
#65  
o-Xylene  
Concen: 1.641 ug/l  
RT: 10.095 min Scan# 2723  
Delta R.T. -0.004 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01

Tgt Ion:106 Resp: 22998  
Ion Ratio Lower Upper  
106 100  
91 196.8 105.6 316.8

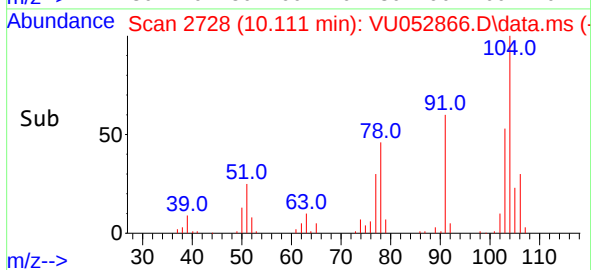
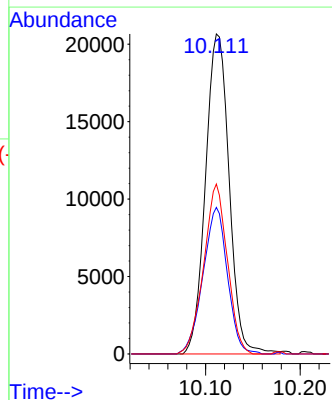
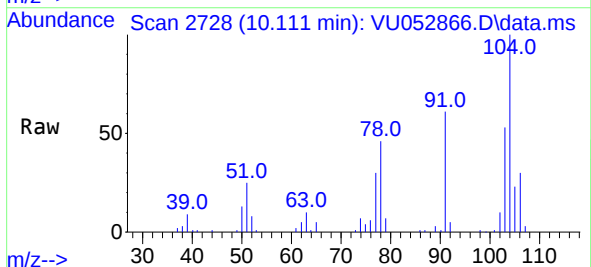
Manual Integrations  
APPROVED

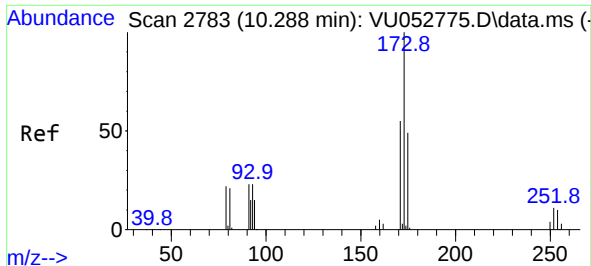
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#66  
Styrene  
Concen: 1.695 ug/l  
RT: 10.111 min Scan# 2728  
Delta R.T. -0.001 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

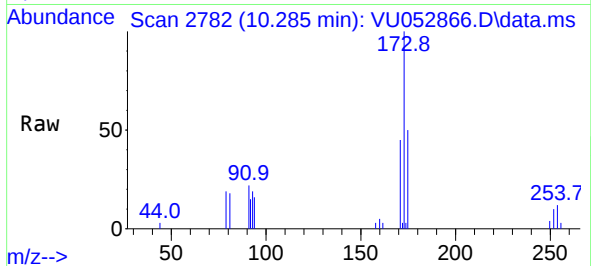
Tgt Ion:104 Resp: 35940  
Ion Ratio Lower Upper  
104 100  
78 47.2 39.6 59.4  
103 53.0 42.9 64.3





#67  
Bromoform  
Concen: 1.986 ug/l  
RT: 10.285 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

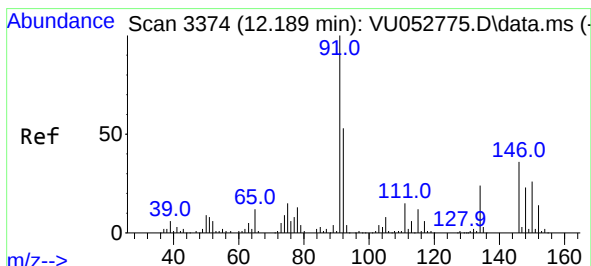
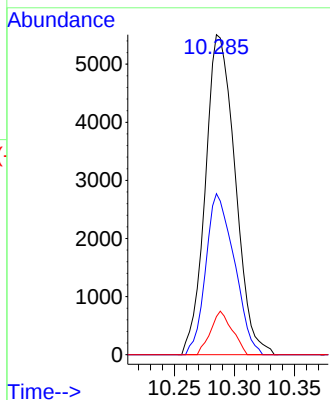
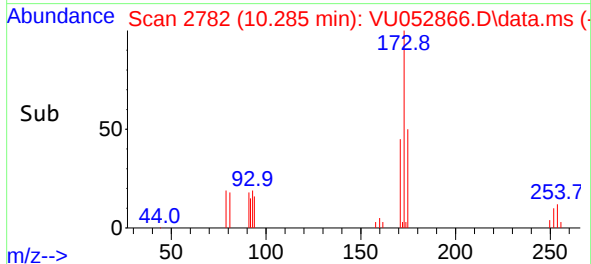
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



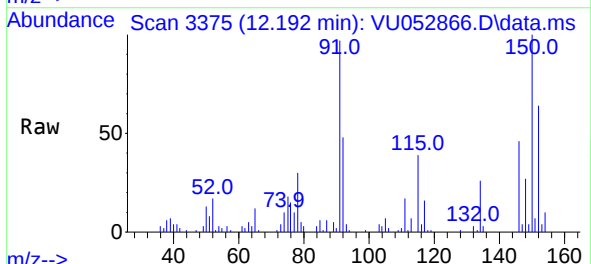
Tgt Ion:173 Resp: 952  
Ion Ratio Lower Upper  
173 100  
175 48.2 39.5 59.3  
254 9.8 8.0 12.0

Manual Integrations  
APPROVED

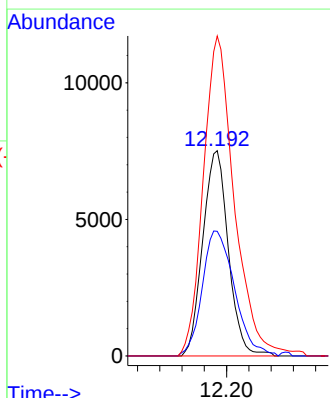
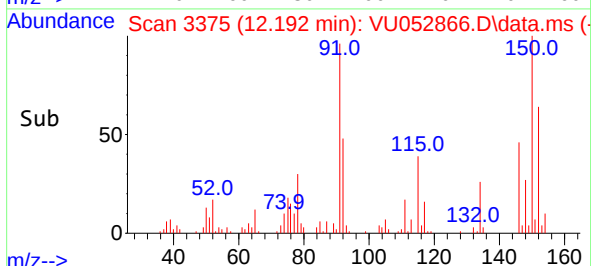
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

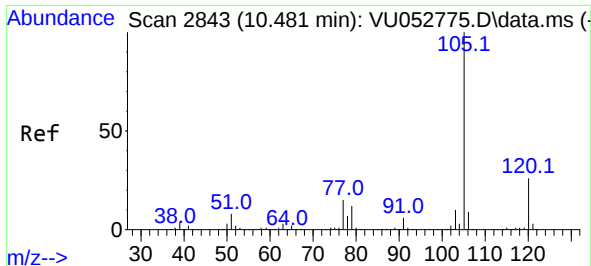


#68  
1,2-Dichlorobenzene-d4  
Concen: 1.091 ug/l  
RT: 12.192 min Scan# 3375  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



Tgt Ion:152 Resp: 11964  
Ion Ratio Lower Upper  
152 100  
115 76.8 0.0 262.6  
150 189.2 0.0 638.0





#69  
Isopropylbenzene  
Concen: 1.595 ug/l  
RT: 10.481 min Scan# 2843  
Delta R.T. 0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Instrument :

MSVOA\_U

ClientSampleId :

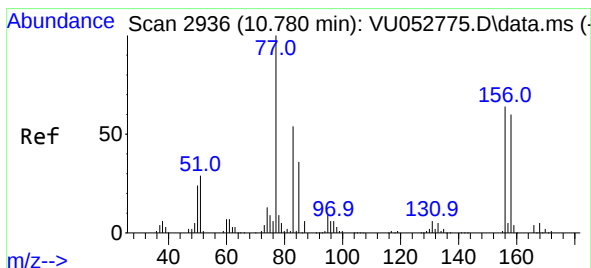
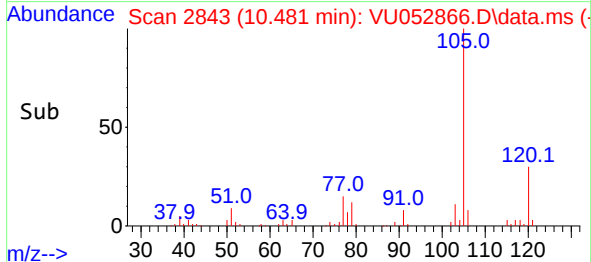
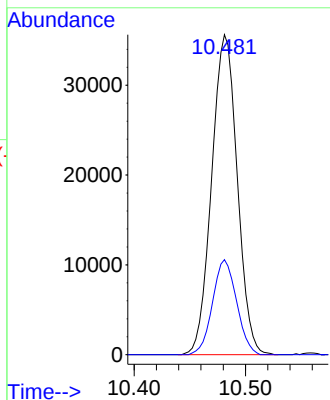
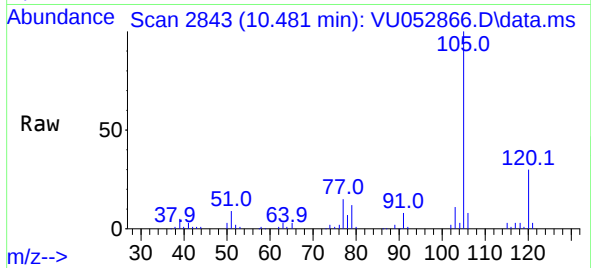
VU0130WBSD01

Tgt Ion:105 Resp: 5686  
Ion Ratio Lower Upper  
105 100  
120 27.9 13.3 39.9

Manual Integrations

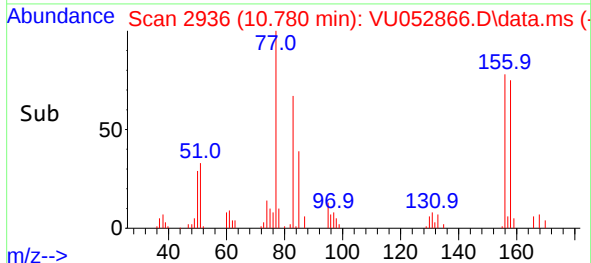
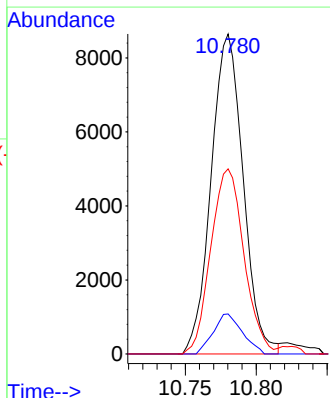
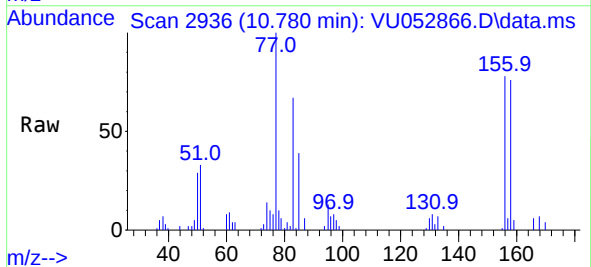
APPROVED

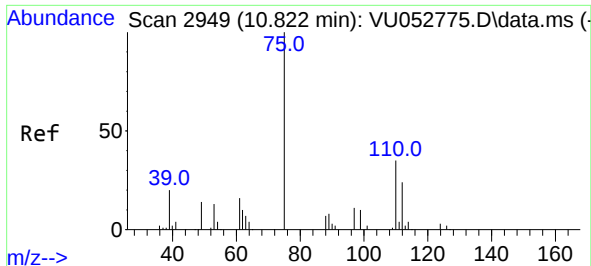
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#70  
1,1,2,2-Tetrachloroethane  
Concen: 1.752 ug/l  
RT: 10.780 min Scan# 2936  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

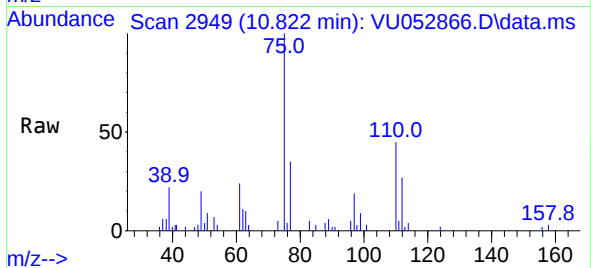
Tgt Ion: 83 Resp: 13572  
Ion Ratio Lower Upper  
83 100  
131 11.3 8.6 13.0  
85 60.0 52.6 78.8





#71  
1,2,3-Trichloropropane  
Concen: 1.697 ug/l m  
RT: 10.822 min Scan# 2949  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01

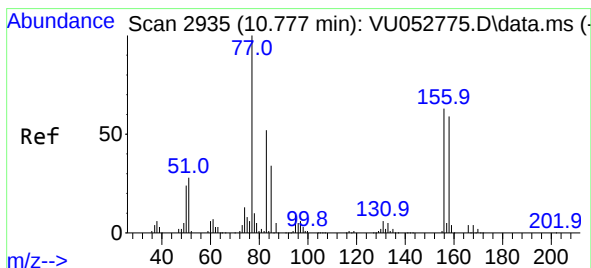
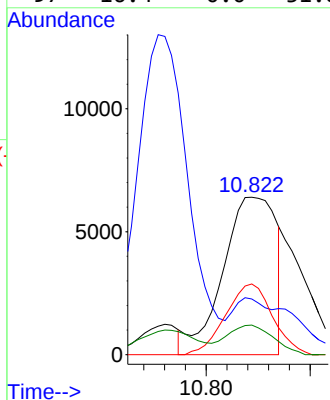
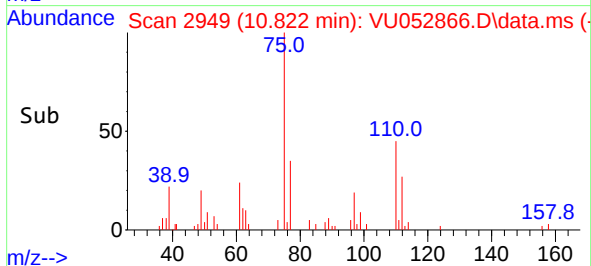


Tgt Ion: 75 Resp: 11370

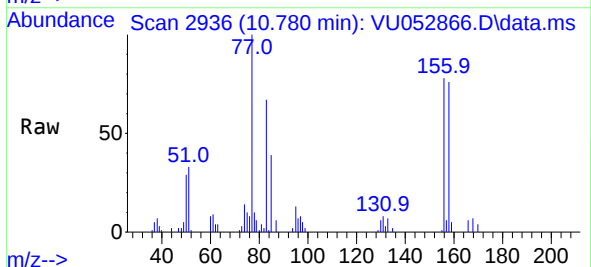
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 43.2  | 0.0   | 86.0  |
| 110 | 39.8  | 0.0   | 63.8  |
| 97  | 16.4  | 0.0   | 31.8  |

Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

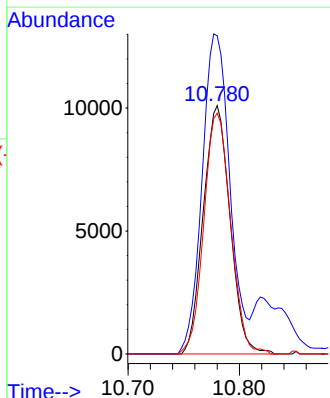
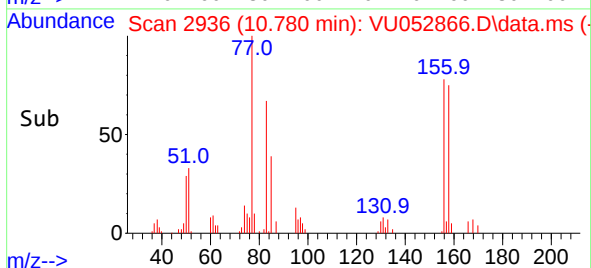


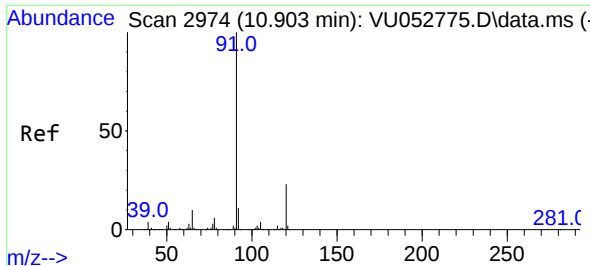
#72  
Bromobenzene  
Concen: 1.860 ug/l  
RT: 10.780 min Scan# 2936  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



Tgt Ion:156 Resp: 16840

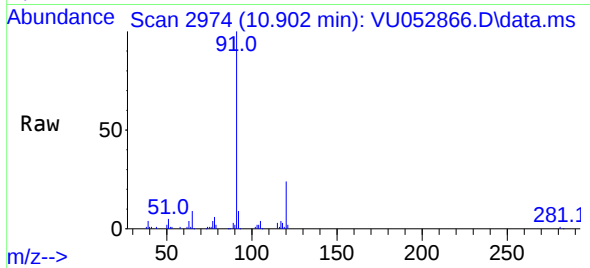
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 134.0 | 0.0   | 321.2 |
| 158 | 97.1  | 0.0   | 192.0 |





#73  
n-propylbenzene  
Concen: 1.759 ug/l  
RT: 10.902 min Scan# 2974  
Delta R.T. -0.001 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

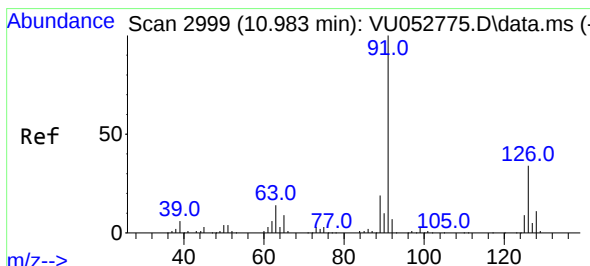
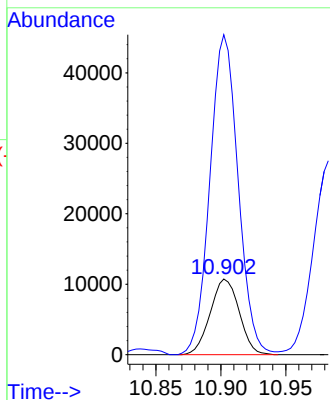
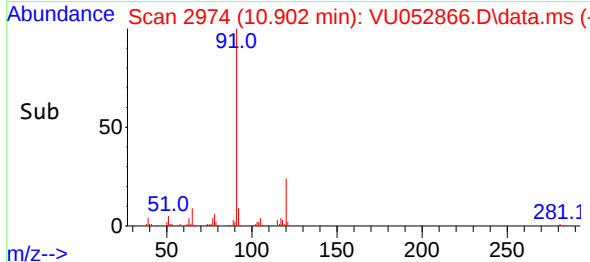
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



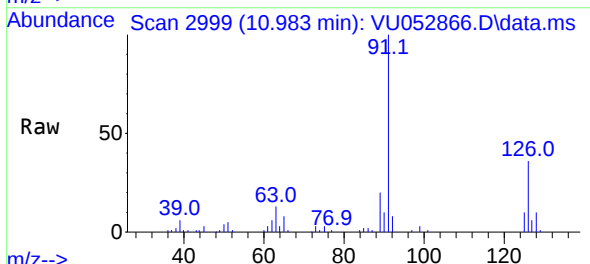
Tgt Ion:120 Resp: 16588  
Ion Ratio Lower Upper  
120 100  
91 412.6 348.0 522.0

Manual Integrations  
APPROVED

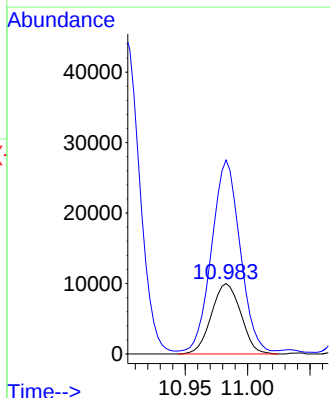
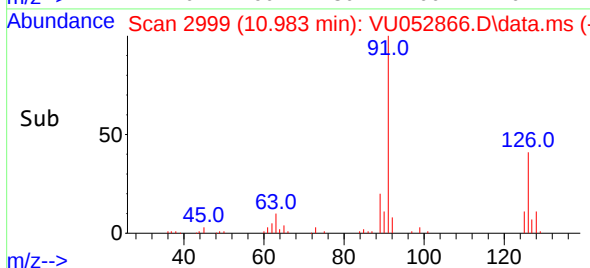
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

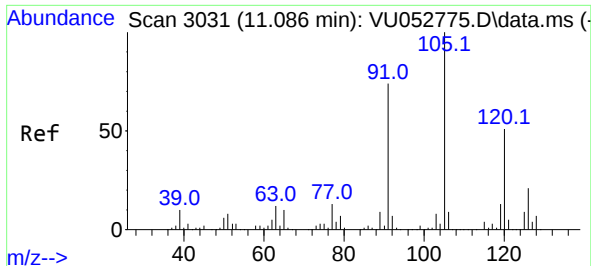


#74  
2-Chlorotoluene  
Concen: 1.818 ug/l  
RT: 10.983 min Scan# 2999  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



Tgt Ion:126 Resp: 16376  
Ion Ratio Lower Upper  
126 100  
91 262.2 0.0 588.6





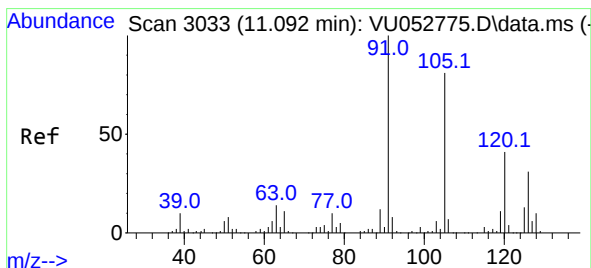
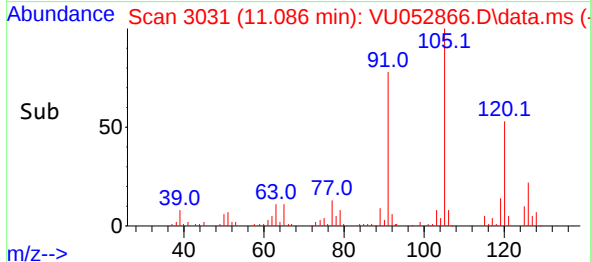
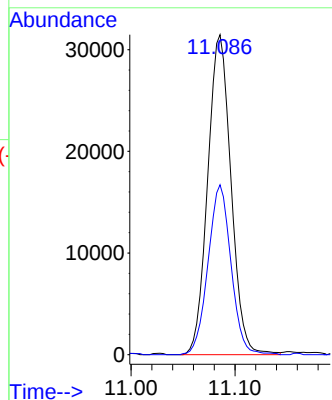
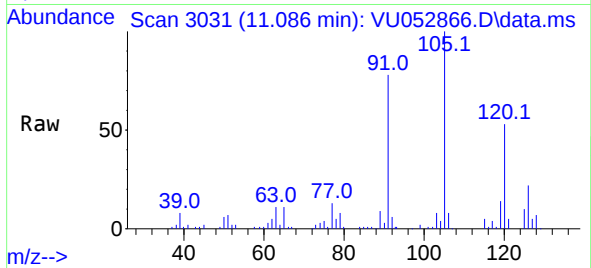
#75  
1,3,5-Trimethylbenzene  
Concen: 1.704 ug/l  
RT: 11.086 min Scan# 3031  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01

Tgt Ion:105 Resp: 4906  
Ion Ratio Lower Upper  
105 100  
120 52.3 39.9 59.9

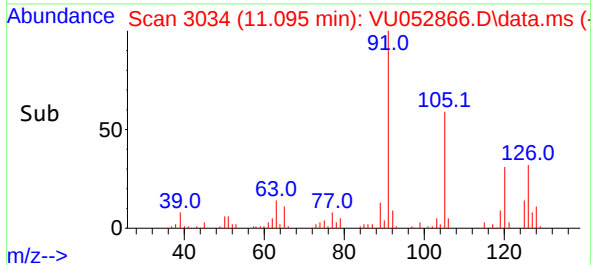
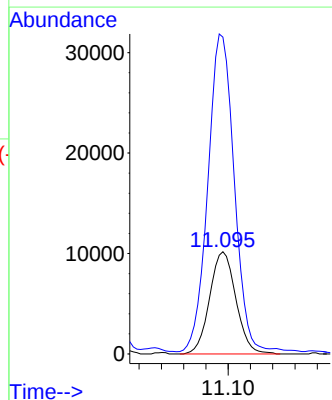
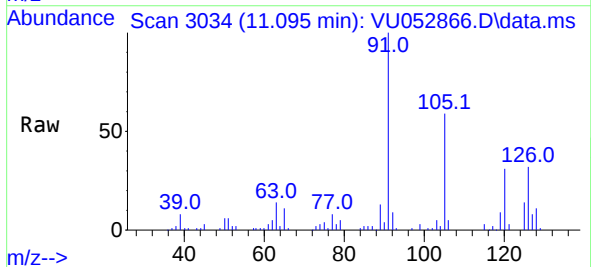
Manual Integrations  
APPROVED

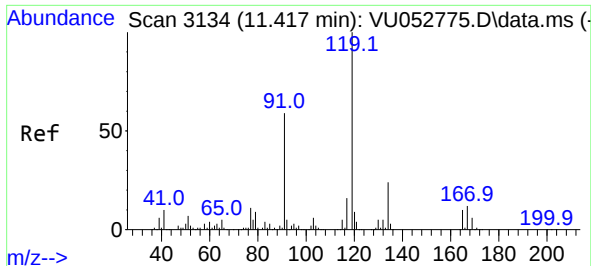
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#76  
4-Chlorotoluene  
Concen: 1.801 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Tgt Ion:126 Resp: 16649  
Ion Ratio Lower Upper  
126 100  
91 311.1 0.0 661.8





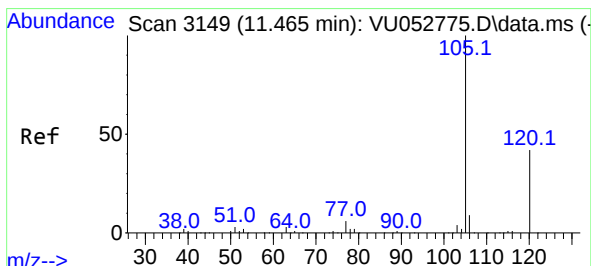
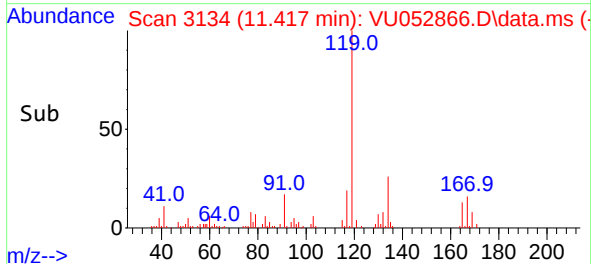
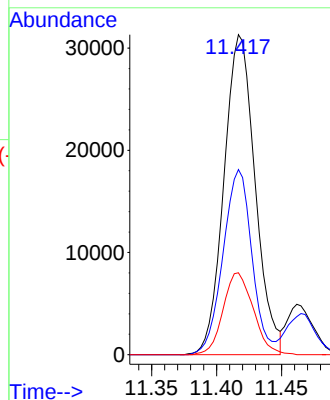
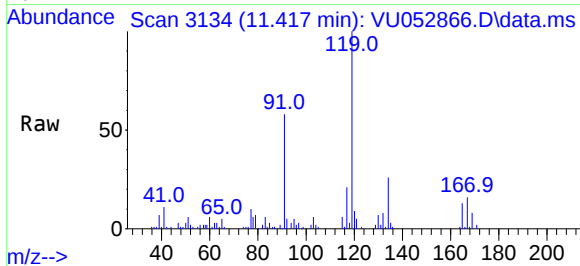
#77  
tert-Butylbenzene  
Concen: 1.687 ug/l  
RT: 11.417 min Scan# 3134  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01

Tgt Ion:119 Resp: 5231  
Ion Ratio Lower Upper  
119 100  
91 53.8 28.4 85.3  
134 24.8 18.6 27.8

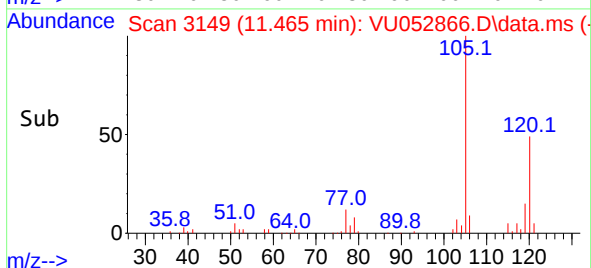
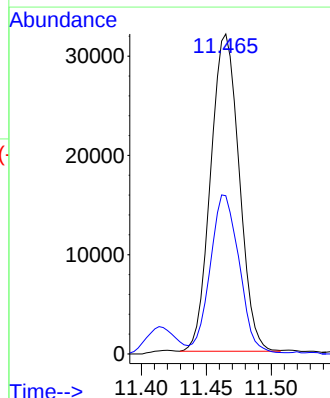
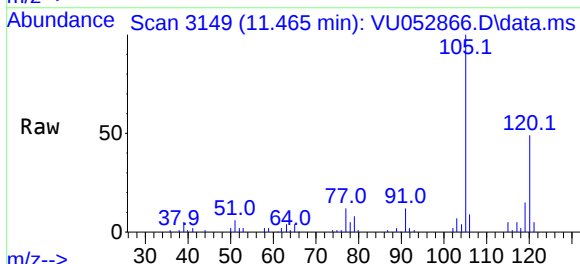
Manual Integrations  
APPROVED

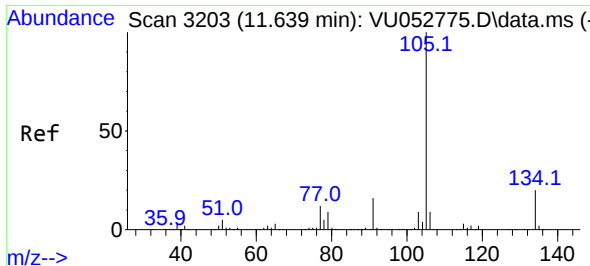
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023



#78  
1,2,4-Trimethylbenzene  
Concen: 1.699 ug/l  
RT: 11.465 min Scan# 3149  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

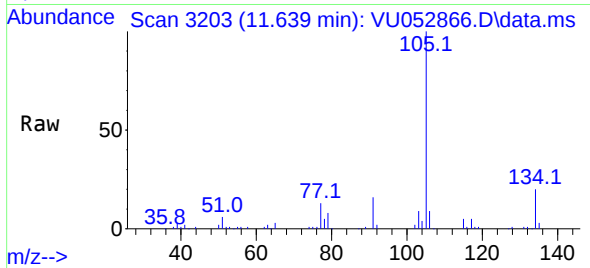
Tgt Ion:105 Resp: 48832  
Ion Ratio Lower Upper  
105 100  
120 50.6 23.4 70.3





#79  
sec-Butylbenzene  
Concen: 1.745 ug/l  
RT: 11.639 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

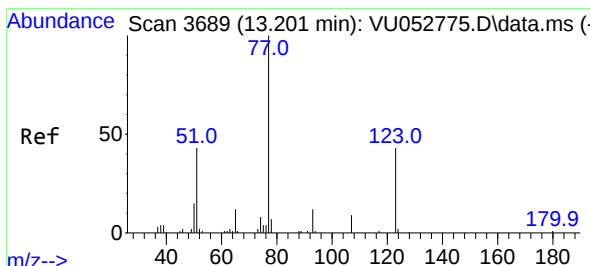
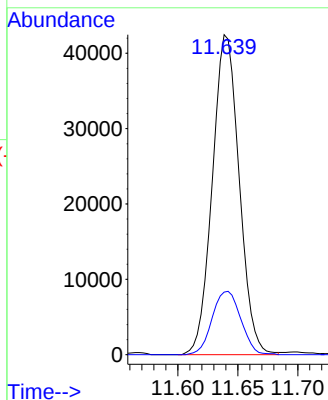
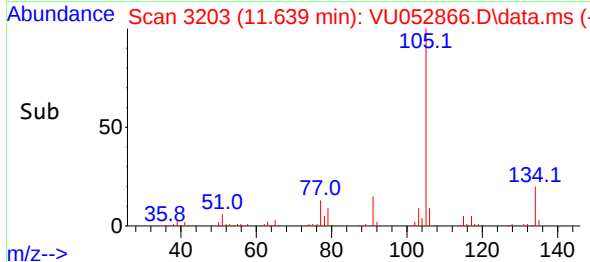
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



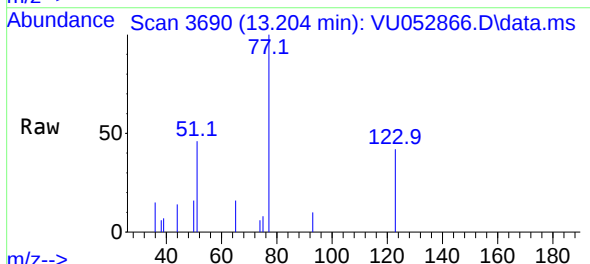
Tgt Ion:105 Resp: 6612  
Ion Ratio Lower Upper  
105 100  
134 21.1 16.5 24.7

Manual Integrations  
APPROVED

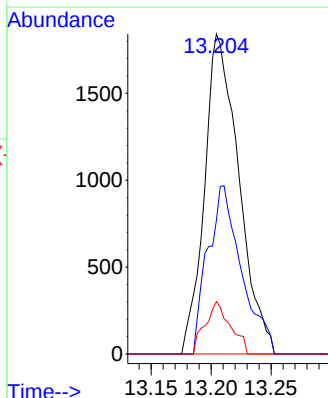
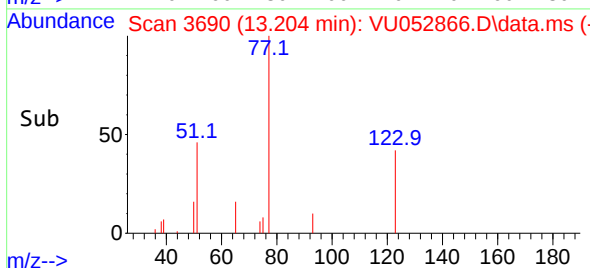
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

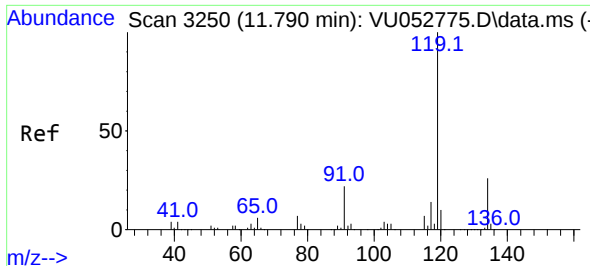


#80  
Nitrobenzene  
Concen: 7.645 ug/l  
RT: 13.204 min Scan# 3690  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



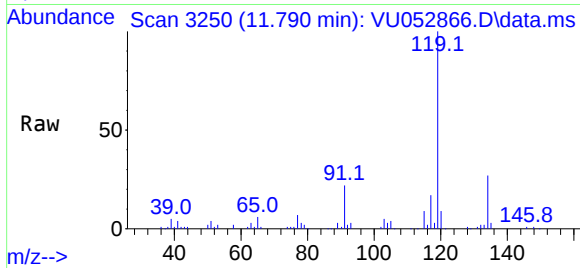
Tgt Ion: 77 Resp: 3665  
Ion Ratio Lower Upper  
77 100  
123 51.5 18.8 66.8  
65 12.1 10.1 12.9





#81  
p-Isopropyltoluene  
Concen: 1.765 ug/l  
RT: 11.790 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

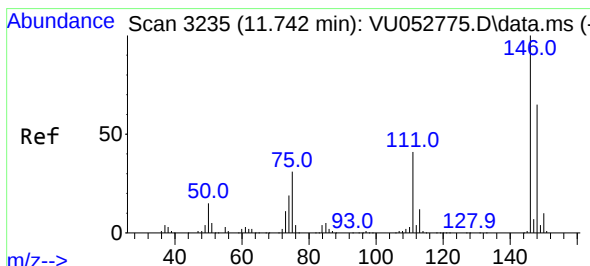
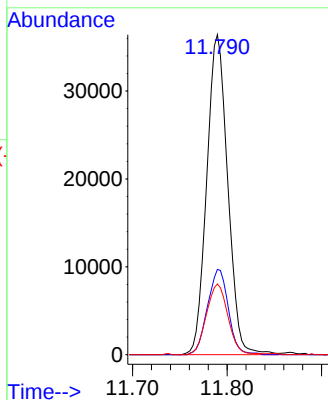
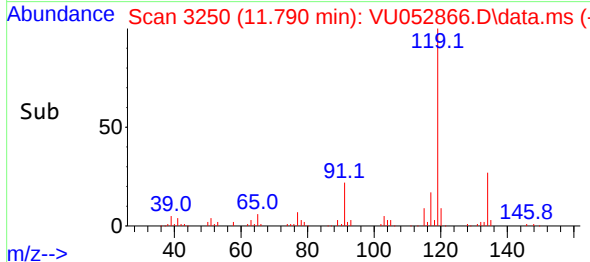
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



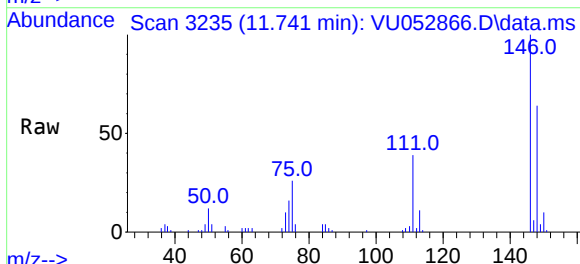
Tgt Ion:119 Resp: 5617  
Ion Ratio Lower Upper  
119 100  
134 26.5 20.7 31.1  
91 22.7 17.6 26.4

Manual Integrations  
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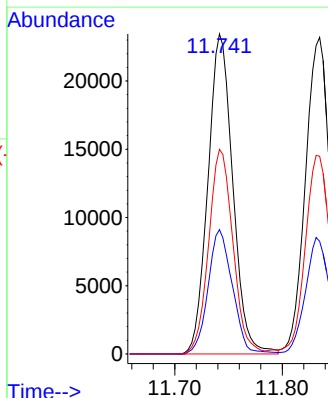
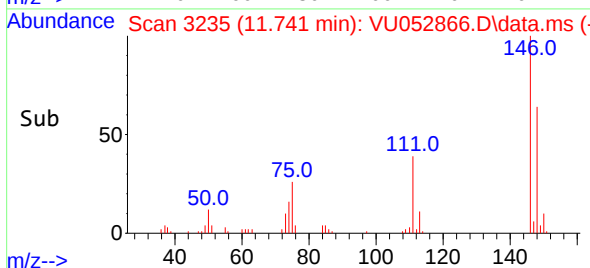
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

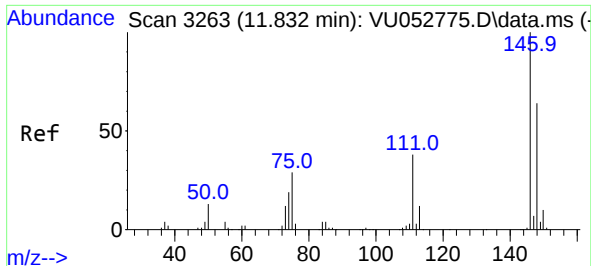


#82  
1,3-Dichlorobenzene  
Concen: 2.039 ug/l  
RT: 11.741 min Scan# 3235  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



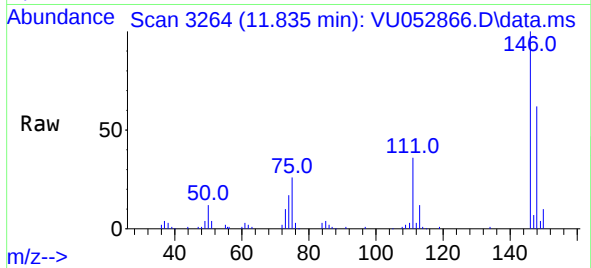
Tgt Ion:146 Resp: 37688  
Ion Ratio Lower Upper  
146 100  
111 38.0 32.6 48.8  
148 62.4 51.9 77.9





#83  
1,4-Dichlorobenzene  
Concen: 1.972 ug/l  
RT: 11.835 min Scan# 3263  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

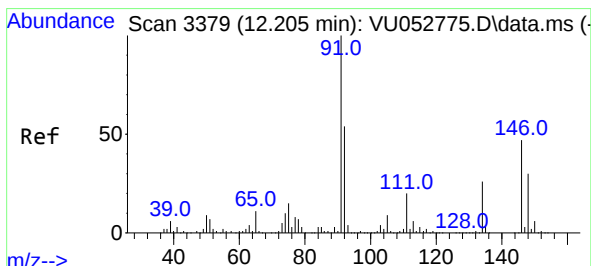
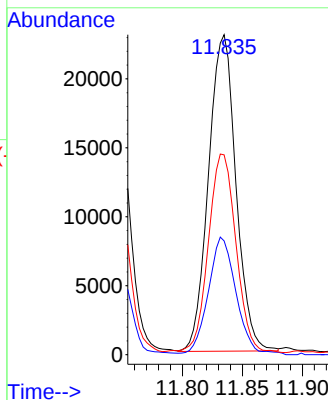
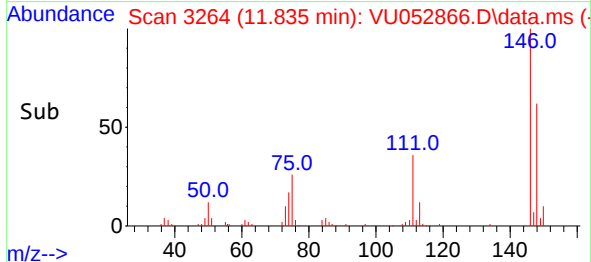
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



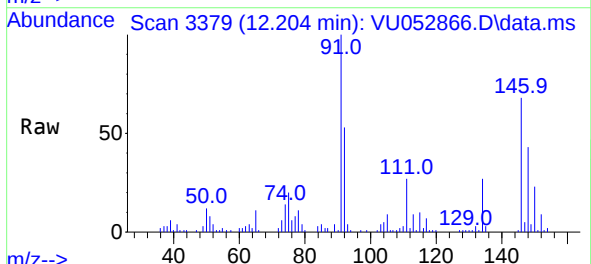
Tgt Ion:146 Resp: 36598  
Ion Ratio Lower Upper  
146 100  
111 37.6 29.5 44.3  
148 63.8 51.4 77.0

Manual Integrations  
APPROVED

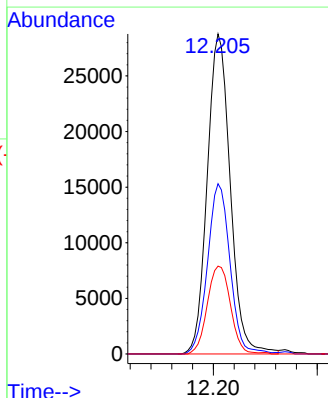
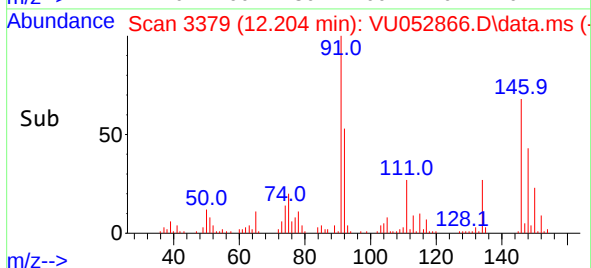
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

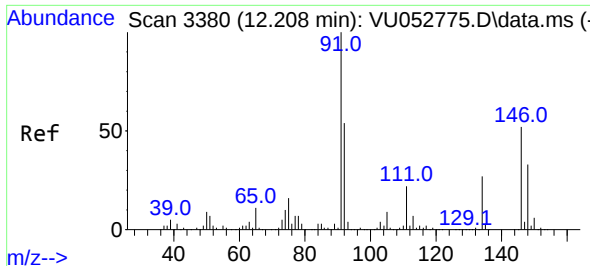


#84  
n-Butylbenzene  
Concen: 1.693 ug/l  
RT: 12.204 min Scan# 3379  
Delta R.T. -0.001 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



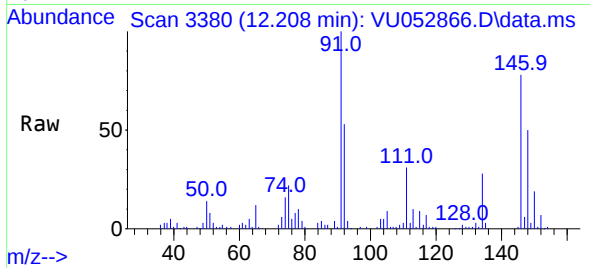
Tgt Ion: 91 Resp: 44241  
Ion Ratio Lower Upper  
91 100  
92 52.1 43.4 65.0  
134 27.5 21.2 31.8





#85  
1,2-Dichlorobenzene  
Concen: 1.986 ug/l  
RT: 12.208 min Scan# 3111  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

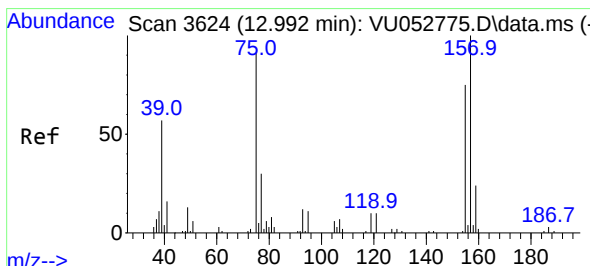
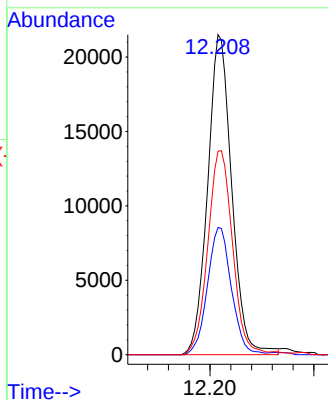
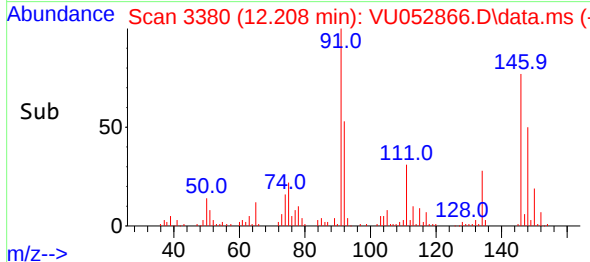
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



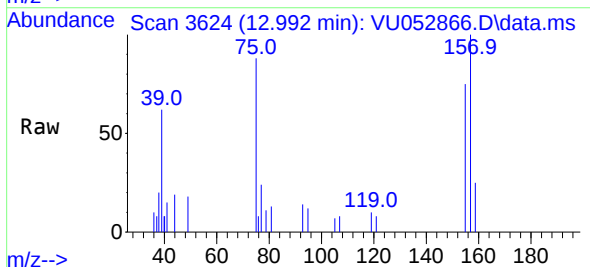
Tgt Ion:146 Resp: 3465  
Ion Ratio Lower Upper  
146 100  
111 39.4 20.8 62.5  
148 65.2 31.4 94.2

Manual Integrations  
APPROVED

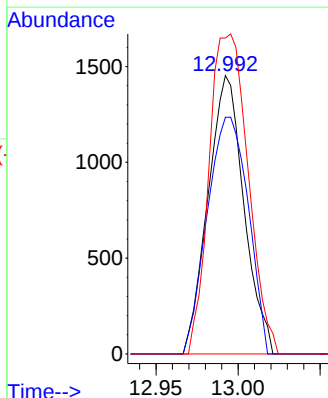
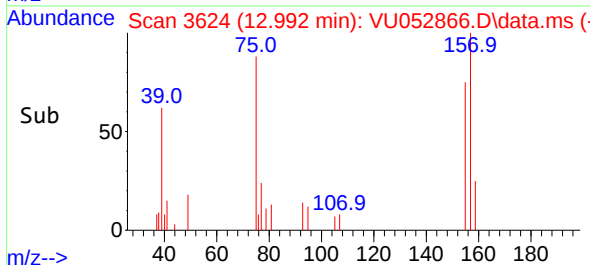
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

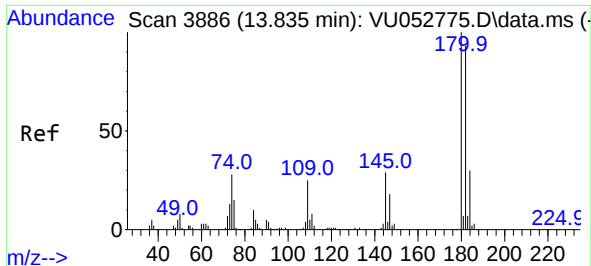


#86  
1,2-Dibromo-3-Chloropropane  
Concen: 1.542 ug/l  
RT: 12.992 min Scan# 3624  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



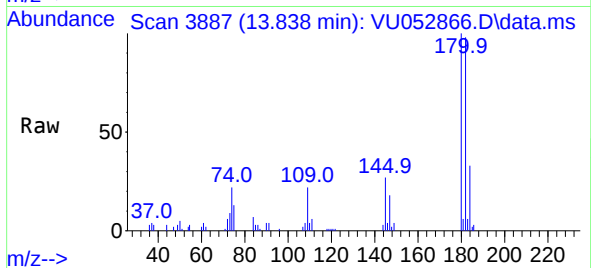
Tgt Ion: 75 Resp: 2212  
Ion Ratio Lower Upper  
75 100  
155 96.5 66.0 99.0  
157 124.8 85.9 128.9





#87  
1,2,4-Trichlorobenzene  
Concen: 1.714 ug/l  
RT: 13.838 min Scan# 3887  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

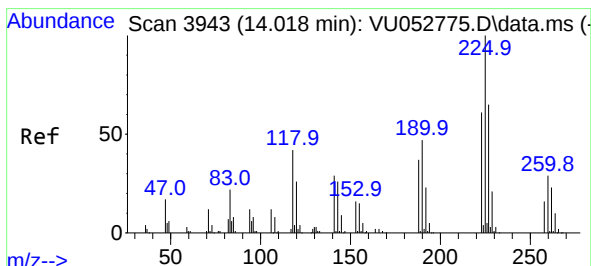
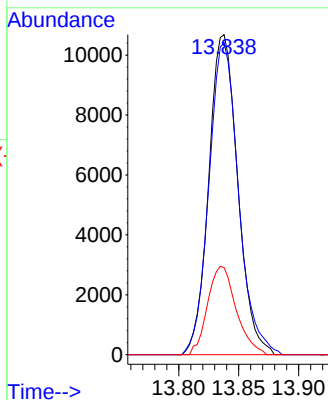
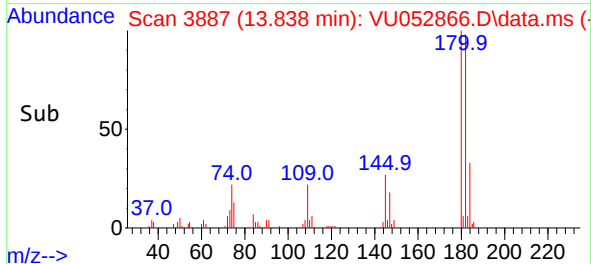
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



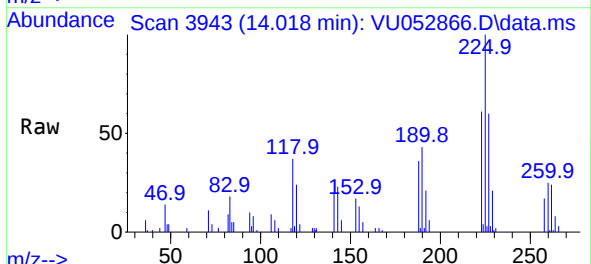
Tgt Ion:180 Resp: 1794  
Ion Ratio Lower Upper  
180 100  
182 99.3 74.6 112.0  
145 27.2 23.4 35.0

Manual Integrations  
APPROVED

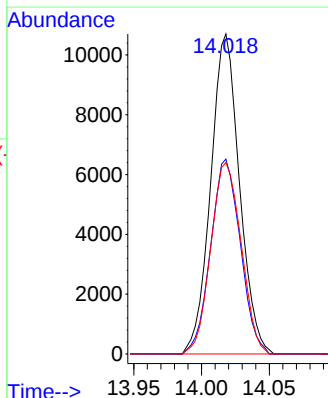
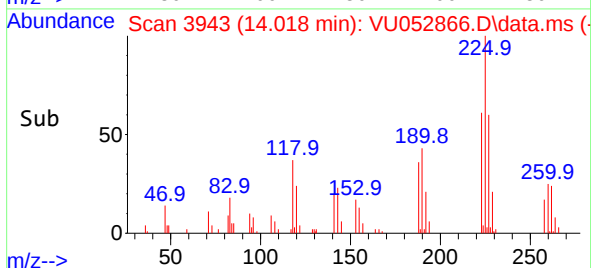
Reviewed By :Krupa Patel 02/01/2023  
Supervised By :Mahesh Dadoda 02/01/2023

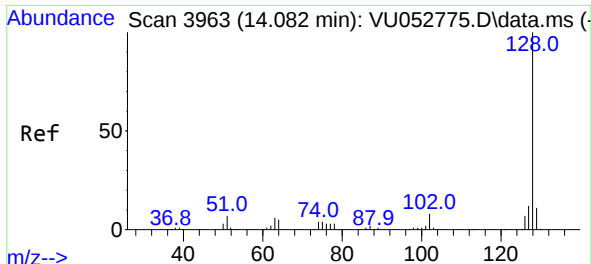


#88  
Hexachlorobutadiene  
Concen: 2.155 ug/l  
RT: 14.018 min Scan# 3943  
Delta R.T. -0.000 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



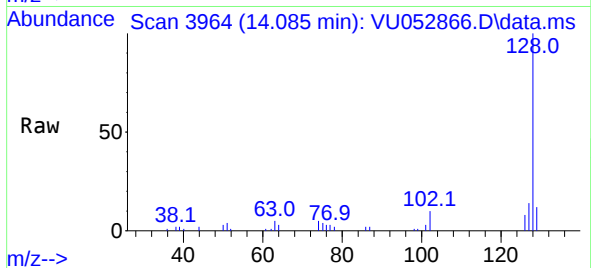
Tgt Ion:225 Resp: 15804  
Ion Ratio Lower Upper  
225 100  
223 62.8 49.8 74.6  
227 63.1 51.5 77.3





#89  
Naphthalene  
Concen: 1.224 ug/l  
RT: 14.085 min Scan# 3963  
Delta R.T. 0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14

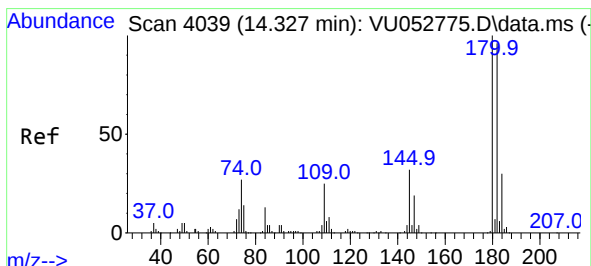
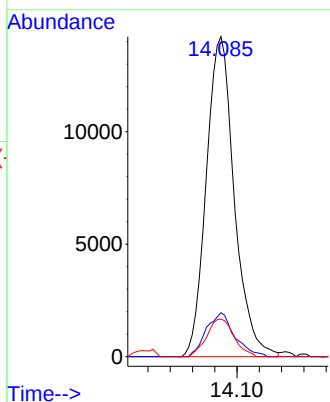
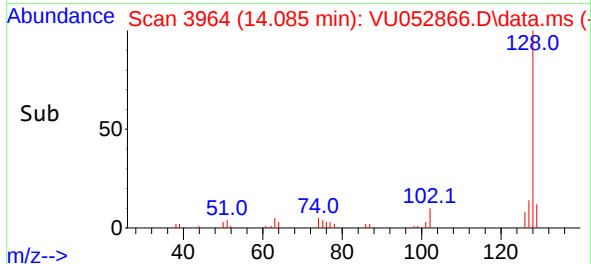
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0130WBSD01



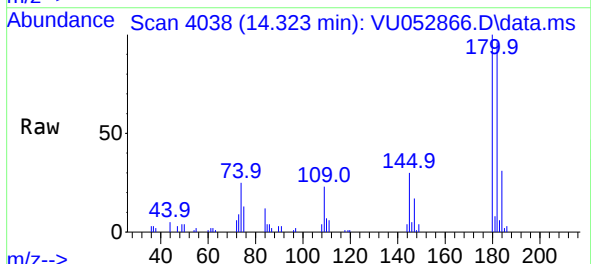
Tgt Ion:128 Resp: 24838  
Ion Ratio Lower Upper  
128 100  
127 13.9 10.2 15.4  
129 11.5 8.6 12.8

Manual Integrations  
APPROVED

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Supervised By :Mahesh Dadoda 02/01/2023



#90  
1,2,3-Trichlorobenzene  
Concen: 1.696 ug/l  
RT: 14.323 min Scan# 4038  
Delta R.T. -0.003 min  
Lab File: VU052866.D  
Acq: 30 Jan 2023 17:14



Tgt Ion:180 Resp: 16841  
Ion Ratio Lower Upper  
180 100  
182 98.6 77.8 116.6  
145 29.4 25.2 37.8

