

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012423\  
 Data File : VU052796.D  
 Acq On : 24 Jan 2023 17:42  
 Operator : JC/MD  
 Sample : RL CHECK  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RL CHECK

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 01/31/2023  
 Supervised By :Mahesh Dadoda 01/31/2023

Quant Time: Jan 25 01:40:34 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   | 34902    | 1.000 | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |       |          |          |
| 57) 4-Bromofluorobenzene     | 10.629 | 95   | 10396    | 0.895 | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =     | 90.000%  |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.192 | 152  | 11943    | 1.000 | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =     | 100.000% |          |
| Target Compounds             |        |      |          |       |          |          |
|                              |        |      |          |       |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85   | 9774     | 0.827 | ug/l     | 99       |
| 3) Chloromethane             | 1.520  | 50   | 9295     | 0.829 | ug/l     | 95       |
| 4) Vinyl Chloride            | 1.604  | 62   | 8987     | 0.830 | ug/l     | 100      |
| 5) Bromomethane              | 1.858  | 94   | 5120     | 0.910 | ug/l     | 98       |
| 6) Chloroethane              | 1.935  | 64   | 5639     | 0.866 | ug/l     | 97       |
| 7) Trichlorofluoromethane    | 2.137  | 101  | 13387    | 0.849 | ug/l     | 92       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.581  | 101  | 7223     | 0.838 | ug/l     | 99       |
| 9) 1,1-Dichloroethene        | 2.578  | 96   | 7025     | 0.863 | ug/l     | 93       |
| 10) Iodomethane              | 2.723  | 142  | 7758     | 0.861 | ug/l     | 94       |
| 11) Allyl Chloride           | 2.922  | 41   | 7945     | 0.816 | ug/l     | 98       |
| 12) Acrylonitrile            | 3.324  | 53   | 3302     | 1.912 | ug/l     | # 87     |
| 13) Acetone                  | 2.655  | 43   | 11744    | 4.795 | ug/l     | 97       |
| 14) Carbon Disulfide         | 2.790  | 76   | 21596    | 0.792 | ug/l     | 98       |
| 15) Methylene Chloride       | 3.041  | 84   | 9074     | 0.922 | ug/l     | 99       |
| 16) trans-1,2-Dichloroethene | 3.353  | 96   | 7683     | 0.848 | ug/l     | 95       |
| 17) 1,1-Dichloroethane       | 3.864  | 63   | 13482    | 0.881 | ug/l     | 98       |
| 18) 2-Butanone               | 4.732  | 43   | 13299    | 4.674 | ug/l     | 99       |
| 19) Cyclohexane              | 5.382  | 56   | 10936m   | 0.813 | ug/l     |          |
| 20) Methylcyclohexane        | 6.758  | 83   | 9913     | 0.660 | ug/l     | 96       |
| 21) 2,2-Dichloropropane      | 4.661  | 77   | 12473    | 0.878 | ug/l     | 97       |
| 22) cis-1,2-Dichloroethene   | 4.661  | 96   | 8505     | 0.898 | ug/l     | 99       |
| 23) Diethyl Ether            | 2.379  | 59   | 5138     | 0.892 | ug/l     | 97       |
| 24) tert-Butyl Alcohol       | 3.340  | 59   | 6856m    | 9.890 | ug/l     |          |
| 25) Methyl tert-Butyl Ether  | 3.366  | 73   | 16975    | 0.909 | ug/l     | 95       |
| 26) Bromochloromethane       | 4.973  | 128  | 3635     | 0.822 | ug/l     | 97       |
| 27) Chloroform               | 5.083  | 83   | 16318    | 0.995 | ug/l     | 99       |
| 28) 1,1,1-Trichloroethane    | 5.311  | 97   | 13800    | 0.911 | ug/l     | 99       |
| 29) 1,1-Dichloropropene      | 5.520  | 75   | 10106    | 0.791 | ug/l     | 92       |
| 30) Carbon Tetrachloride     | 5.517  | 117  | 11409    | 0.830 | ug/l     | 98       |
| 31) Isopropyl Ether          | 3.999  | 45   | 19123    | 0.869 | ug/l     | 98       |
| 32) Ethyl-t-butyl ether      | 4.510  | 59   | 17926    | 0.873 | ug/l     | 98       |
| 33) Tert-Amyl methyl ether   | 5.944  | 73   | 15380    | 0.847 | ug/l     | 99       |
| 34) Propionitrile            | 4.822  | 54   | 2733m    | 4.195 | ug/l     |          |
| 35) Benzene                  | 5.771  | 78   | 30396    | 0.820 | ug/l     | 97       |
| 36) 1,2-Dichloroethane       | 5.793  | 62   | 10018    | 0.900 | ug/l     | # 94     |
| 37) Trichloroethene          | 6.539  | 130  | 8424     | 0.834 | ug/l     | 97       |
| 38) 1,2-Dichloropropane      | 6.790  | 63   | 7683     | 0.817 | ug/l     | 97       |
| 39) Methacrylonitrile        | 4.989  | 41   | 2534m    | 0.974 | ug/l     |          |
| 40) Methyl acrylate          | 4.851  | 55   | 4287     | 0.929 | ug/l     | # 77     |
| 41) Tetrahydrofuran          | 5.073  | 42   | 2358     | 1.822 | ug/l     | 89       |
| 42) 1-Chlorobutane           | 5.456  | 56   | 13917    | 0.852 | ug/l     | 99       |
| 43) Dibromomethane           | 6.919  | 93   | 4152     | 0.873 | ug/l     | 98       |
| 44) Bromodichloromethane     | 7.105  | 83   | 11038    | 0.855 | ug/l     | 96       |

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 Sample : RL CHECK  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RL CHECK

Quant Time: Jan 25 01:40:34 2023  
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 QLast Update : Tue Jan 24 05:16:59 2023  
 Response via : Initial Calibration

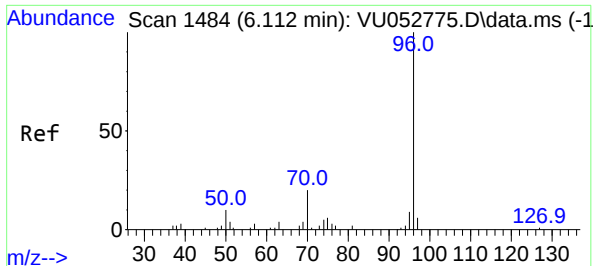
### Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/31/2023  
 Supervised By :Mahesh Dadoda 01/31/2023

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.800  | 43   | 18844    | 3.769 | ug/l   | 95       |
| 46) t-1,4-Dichloro-2-butene   | 10.828 | 75   | 4177m    | 1.593 | ug/l   |          |
| 47) Methyl methacrylate       | 6.967  | 69   | 5599     | 1.324 | ug/l # | 90       |
| 48) Ethyl methacrylate        | 8.337  | 69   | 5543     | 0.723 | ug/l   | 96       |
| 49) Toluene                   | 7.967  | 92   | 16489    | 0.733 | ug/l   | 99       |
| 50) t-1,3-Dichloropropene     | 8.211  | 75   | 8410     | 0.747 | ug/l # | 87       |
| 51) cis-1,3-Dichloropropene   | 7.607  | 75   | 10063    | 0.760 | ug/l   | 98       |
| 52) 1,1,2-Trichloroethane     | 8.398  | 97   | 5525     | 0.817 | ug/l   | 94       |
| 53) 1,3-Dichloropropane       | 8.574  | 76   | 9221     | 0.788 | ug/l   | 96       |
| 54) 2-Hexanone                | 8.690  | 43   | 14974    | 3.423 | ug/l   | 93       |
| 55) Dibromochloromethane      | 8.809  | 129  | 7284     | 0.823 | ug/l   | 97       |
| 56) 1,2-Dibromoethane         | 8.925  | 107  | 5014     | 0.778 | ug/l   | 91       |
| 58) Tetrachloroethene         | 8.549  | 164  | 7483     | 0.821 | ug/l   | 96       |
| 59) Chlorobenzene             | 9.446  | 112  | 18742    | 0.766 | ug/l   | 97       |
| 60) 1,1,1,2-Tetrachloroethane | 9.529  | 131  | 8411     | 0.888 | ug/l   | 95       |
| 61) Pentachloroethane         | 11.426 | 117  | 7038     | 0.907 | ug/l   | 91       |
| 62) Hexachloroethane          | 12.471 | 117  | 6333     | 0.807 | ug/l   | 100      |
| 63) Ethyl Benzene             | 9.568  | 91   | 26322    | 0.664 | ug/l   | 99       |
| 64) m/p-Xylenes               | 9.690  | 106  | 20694    | 1.309 | ug/l   | 99       |
| 65) o-Xylene                  | 10.099 | 106  | 10543    | 0.691 | ug/l   | 98       |
| 66) Styrene                   | 10.111 | 104  | 17034    | 0.975 | ug/l   | 97       |
| 67) Bromoform                 | 10.285 | 173  | 4430     | 0.848 | ug/l # | 98       |
| 69) Isopropylbenzene          | 10.481 | 105  | 27196    | 0.700 | ug/l   | 99       |
| 70) 1,1,2,2-Tetrachloroethane | 10.777 | 83   | 7555     | 0.896 | ug/l   | 93       |
| 71) 1,2,3-Trichloropropane    | 10.828 | 75   | 6965m    | 0.954 | ug/l   |          |
| 72) Bromobenzene              | 10.780 | 156  | 7816     | 0.793 | ug/l   | 95       |
| 73) n-propylbenzene           | 10.902 | 120  | 6918     | 0.945 | ug/l   | 91       |
| 74) 2-Chlorotoluene           | 10.983 | 126  | 7567     | 0.772 | ug/l   | 87       |
| 75) 1,3,5-Trimethylbenzene    | 11.086 | 105  | 21441    | 0.935 | ug/l   | 98       |
| 76) 4-Chlorotoluene           | 11.095 | 126  | 7007     | 0.696 | ug/l   | 96       |
| 77) tert-Butylbenzene         | 11.417 | 119  | 23876    | 0.707 | ug/l   | 99       |
| 78) 1,2,4-Trimethylbenzene    | 11.462 | 105  | 22146    | 0.973 | ug/l   | 99       |
| 79) sec-Butylbenzene          | 11.639 | 105  | 28478    | 0.950 | ug/l   | 98       |
| 80) Nitrobenzene              | 13.208 | 77   | 1785     | 3.419 | ug/l # | 86       |
| 81) p-Isopropyltoluene        | 11.790 | 119  | 23430    | 0.975 | ug/l   | 100      |
| 82) 1,3-Dichlorobenzene       | 11.742 | 146  | 16002    | 0.795 | ug/l   | 98       |
| 83) 1,4-Dichlorobenzene       | 11.835 | 146  | 15218    | 0.753 | ug/l   | 99       |
| 84) n-Butylbenzene            | 12.205 | 91   | 19829    | 1.023 | ug/l   | 97       |
| 85) 1,2-Dichlorobenzene       | 12.211 | 146  | 14817    | 0.780 | ug/l   | 100      |
| 86) 1,2-Dibromo-3-Chloropr... | 12.989 | 75   | 1270     | 0.813 | ug/l   | 90       |
| 87) 1,2,4-Trichlorobenzene    | 13.838 | 180  | 8382     | 0.736 | ug/l   | 96       |
| 88) Hexachlorobutadiene       | 14.018 | 225  | 6951     | 0.870 | ug/l   | 95       |
| 89) Naphthalene               | 14.082 | 128  | 18446    | 0.835 | ug/l   | 98       |
| 90) 1,2,3-Trichlorobenzene    | 14.327 | 180  | 11196    | 1.035 | ug/l   | 99       |

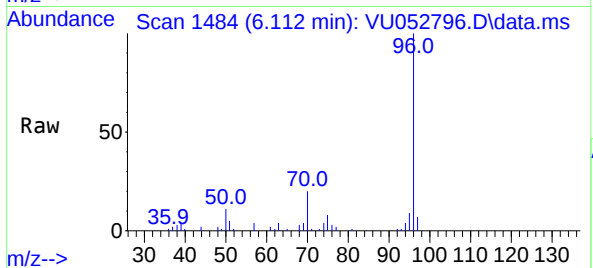
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.112 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

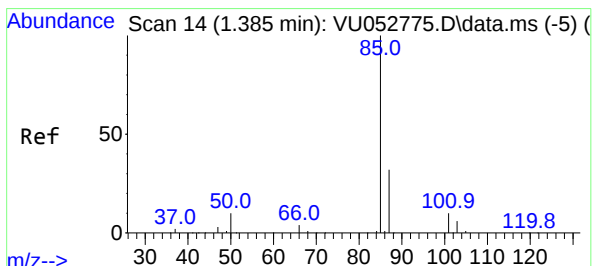
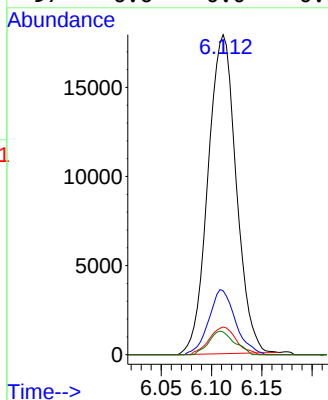
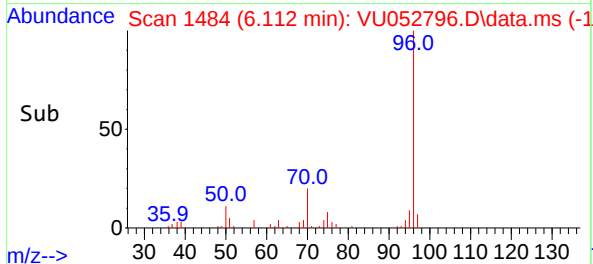
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion: 96 Resp: 3490  
Ion Ratio Lower Upper  
96 100  
70 19.3 16.2 24.4  
95 8.3 7.4 11.0  
97 6.6 0.0 0.0#

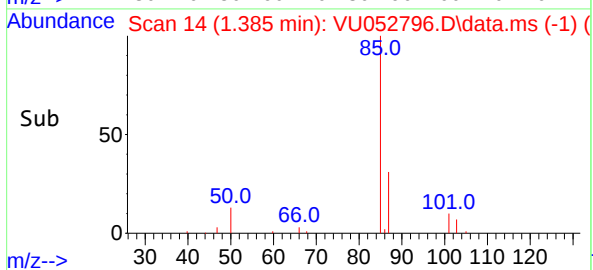
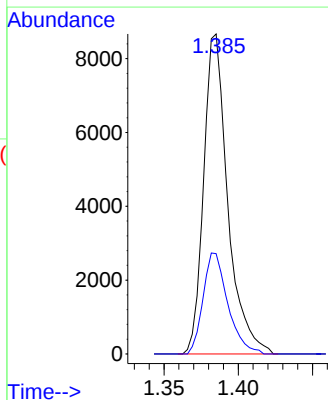
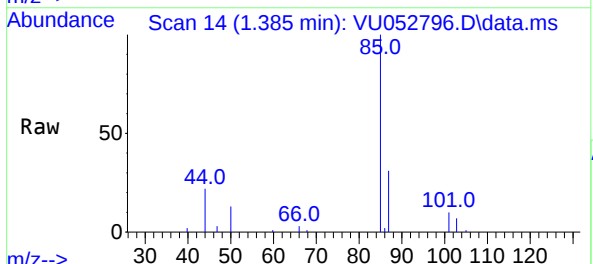
Manual Integrations  
APPROVED

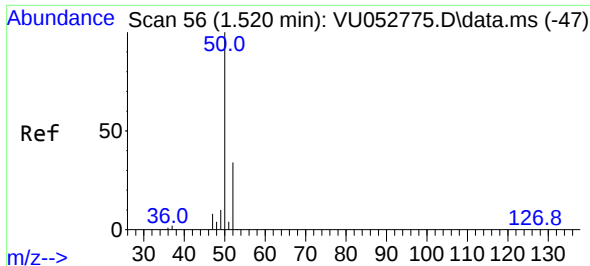
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#2  
Dichlorodifluoromethane  
Concen: 0.827 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

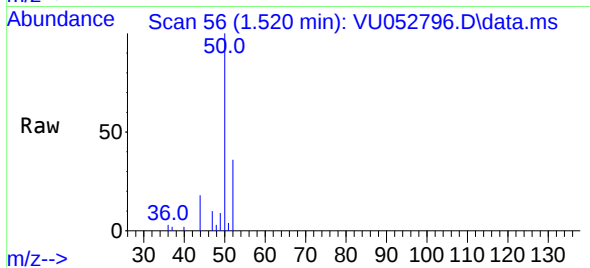
Tgt Ion: 85 Resp: 9774  
Ion Ratio Lower Upper  
85 100  
87 31.4 16.1 48.2





#3  
Chloromethane  
Concen: 0.829 ug/l  
RT: 1.520 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

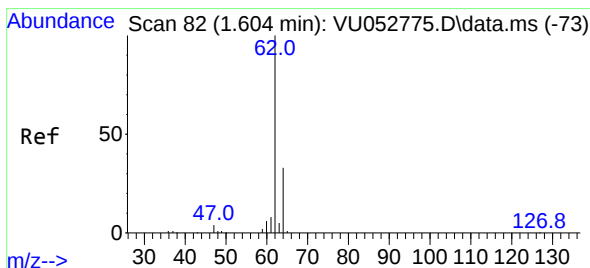
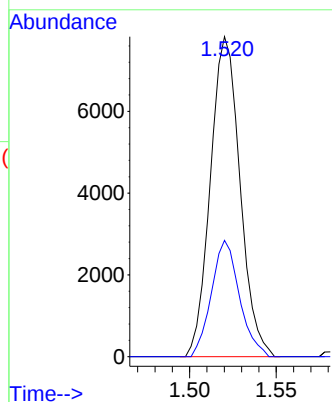
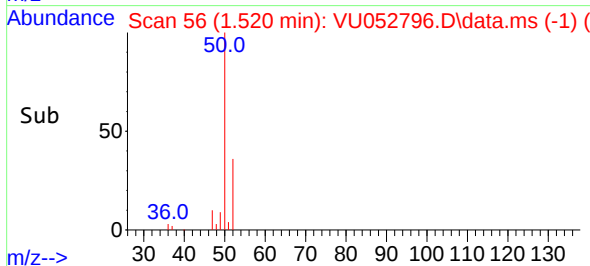
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion: 50 Resp: 929  
Ion Ratio Lower Upper  
50 100  
52 36.3 26.8 40.2

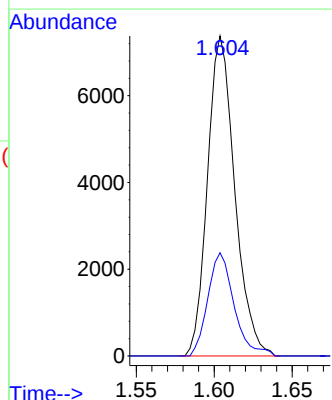
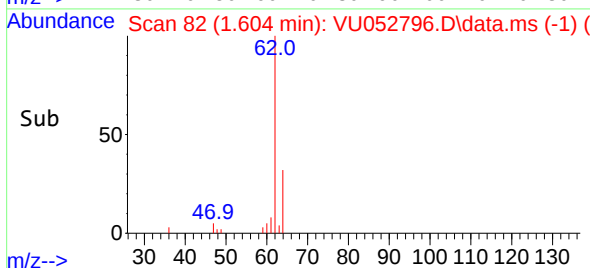
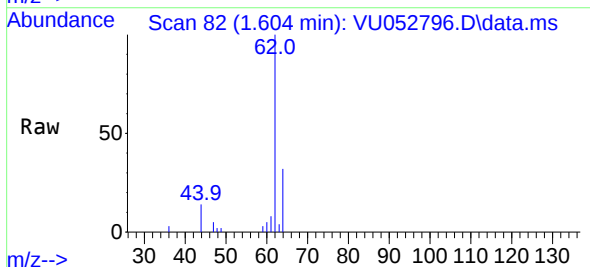
Manual Integrations  
APPROVED

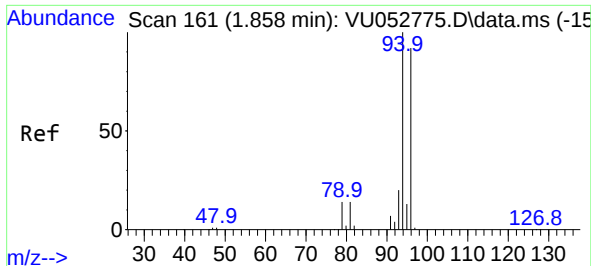
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#4  
Vinyl Chloride  
Concen: 0.830 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

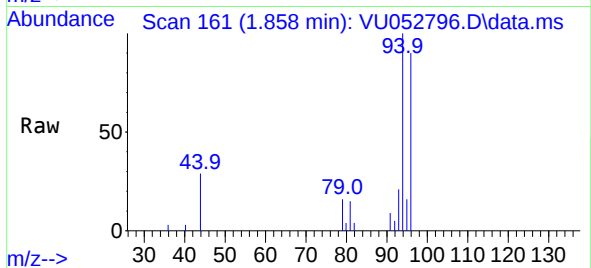
Tgt Ion: 62 Resp: 8987  
Ion Ratio Lower Upper  
62 100  
64 32.2 26.0 39.0





#5  
Bromomethane  
Concen: 0.910 ug/l  
RT: 1.858 min Scan# 161  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

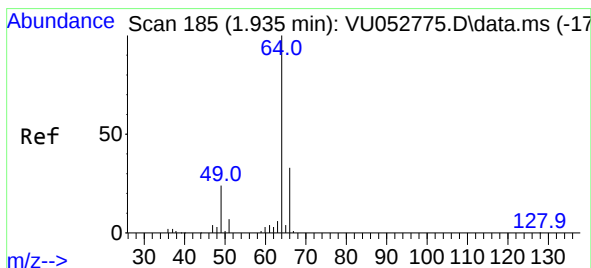
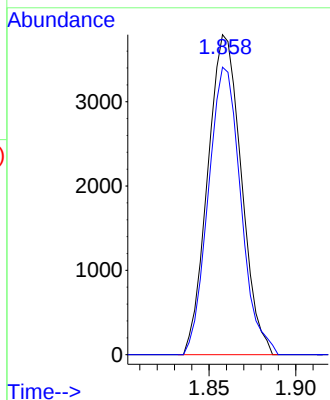
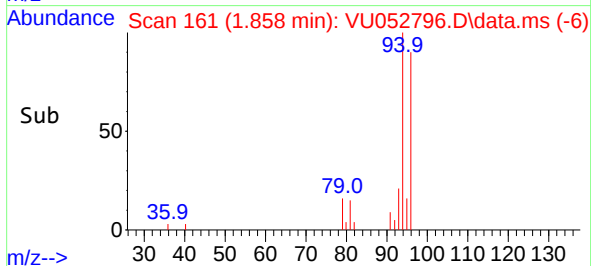
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion: 94 Resp: 5120  
Ion Ratio Lower Upper  
94 100  
96 89.8 73.8 110.6

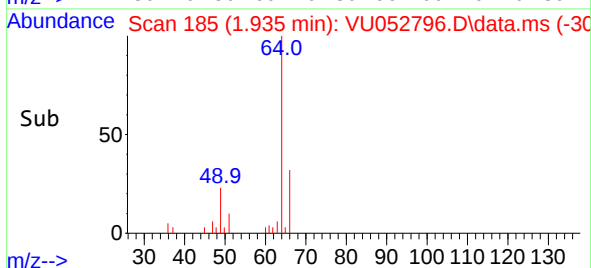
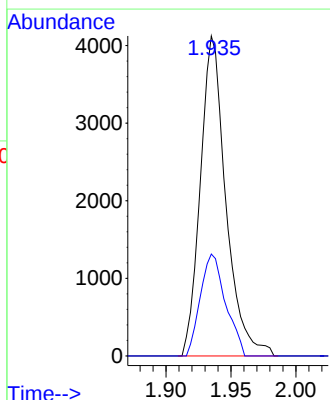
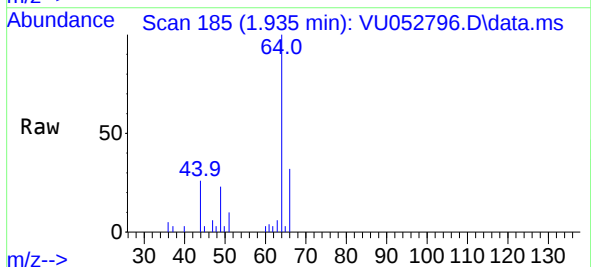
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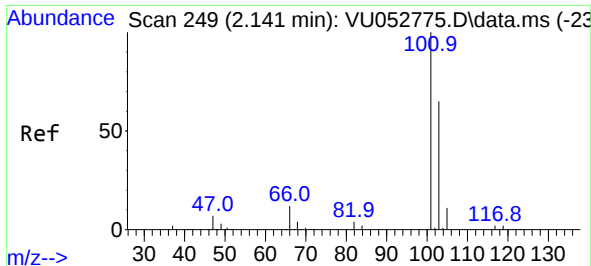
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#6  
Chloroethane  
Concen: 0.866 ug/l  
RT: 1.935 min Scan# 185  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Tgt Ion: 64 Resp: 5639  
Ion Ratio Lower Upper  
64 100  
66 31.8 26.6 40.0





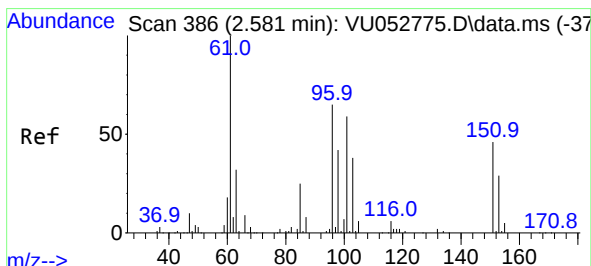
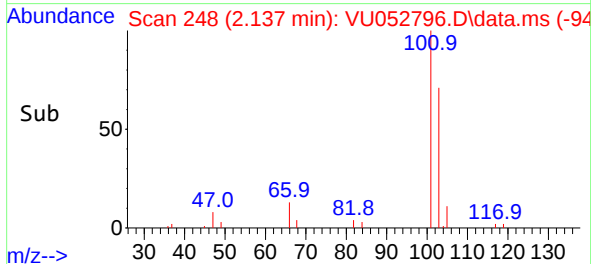
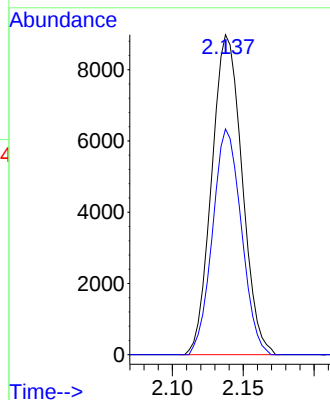
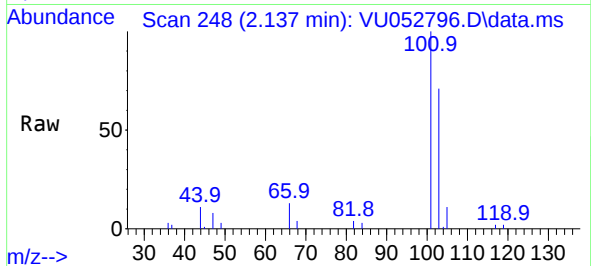
#7  
Trichlorofluoromethane  
Concen: 0.849 ug/l  
RT: 2.137 min Scan# 249  
Delta R.T. -0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK

Tgt Ion:101 Resp: 1338  
Ion Ratio Lower Upper  
101 100  
103 70.5 51.6 77.4

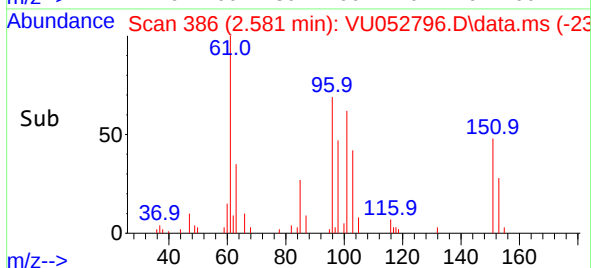
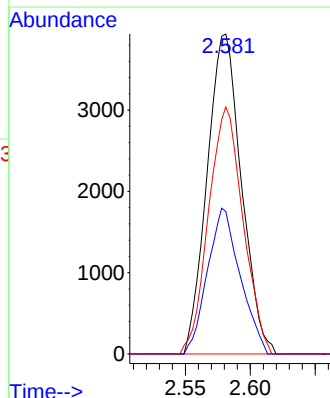
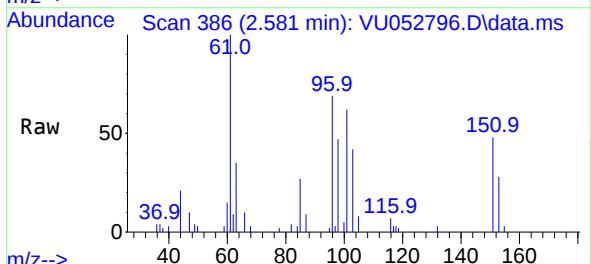
Manual Integrations  
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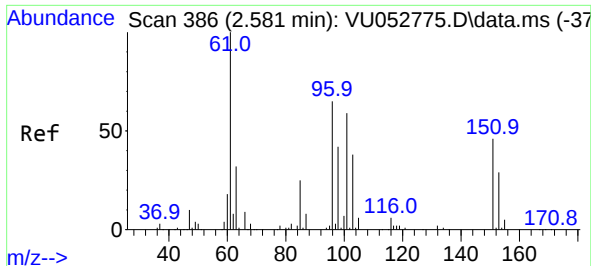
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.838 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Tgt Ion:101 Resp: 7223  
Ion Ratio Lower Upper  
101 100  
85 43.5 34.1 51.1  
151 77.4 63.0 94.4





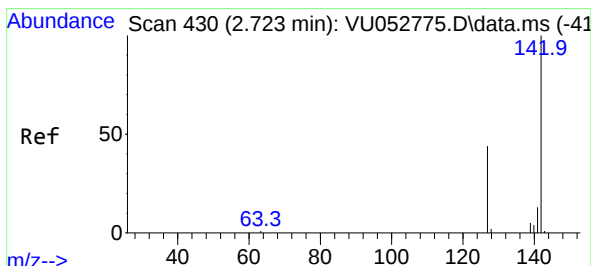
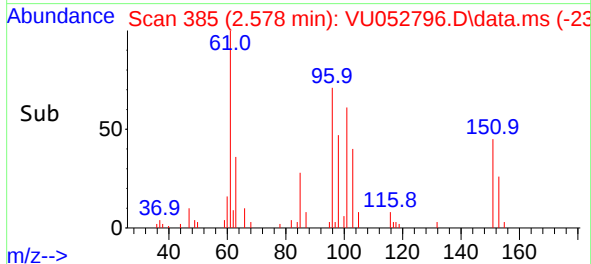
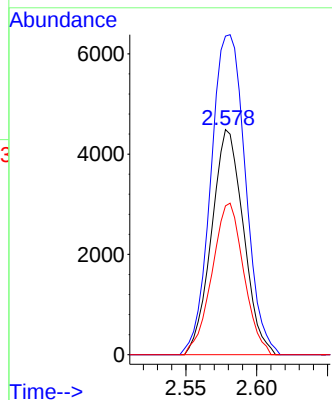
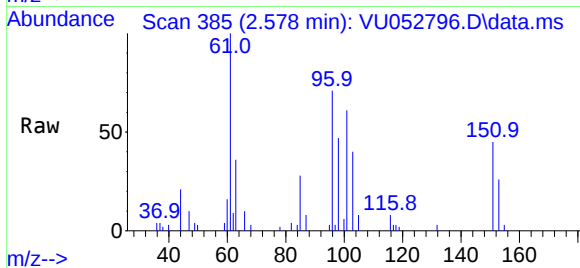
#9  
1,1-Dichloroethene  
Concen: 0.863 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK

Tgt Ion: 96 Resp: 7025  
Ion Ratio Lower Upper  
96 100  
61 141.5 0.0 460.5  
98 66.1 0.0 128.0

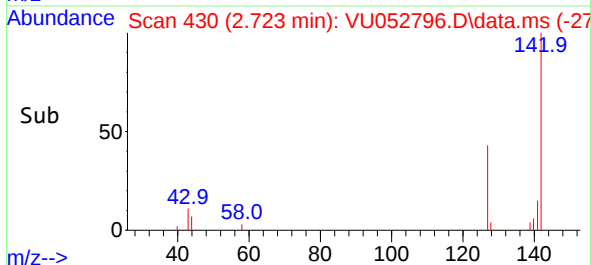
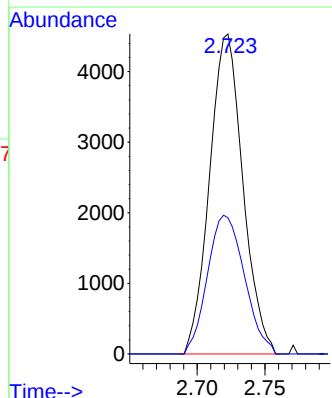
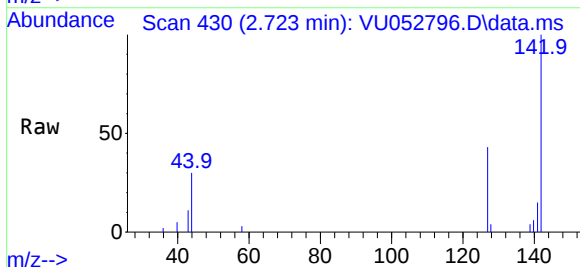
Manual Integrations  
APPROVED

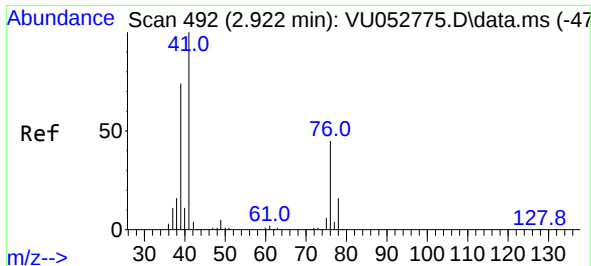
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#10  
Iodomethane  
Concen: 0.861 ug/l  
RT: 2.723 min Scan# 430  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

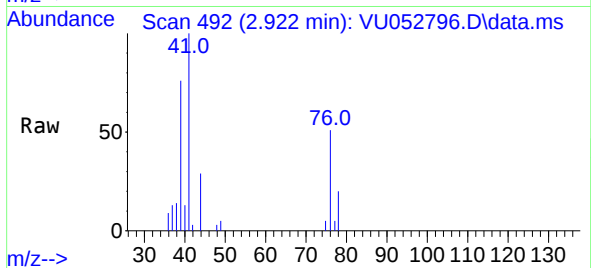
Tgt Ion:142 Resp: 7758  
Ion Ratio Lower Upper  
142 100  
127 48.0 35.4 53.0





#11  
Allyl Chloride  
Concen: 0.816 ug/l  
RT: 2.922 min Scan# 492  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

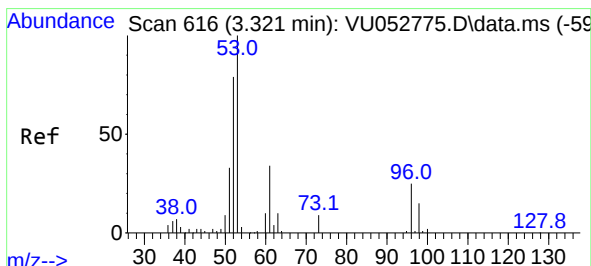
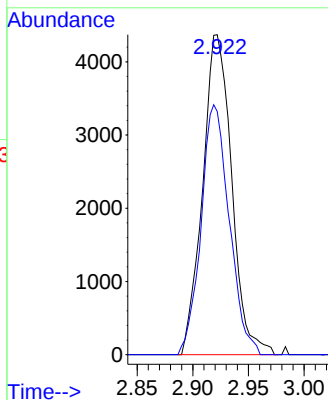
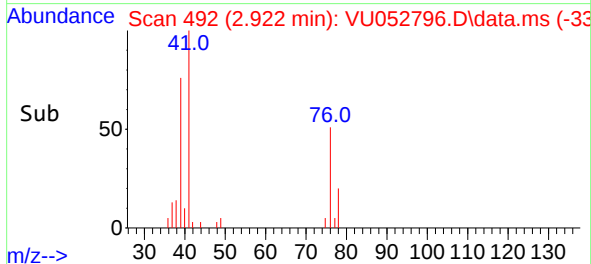
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion: 41 Resp: 7945  
Ion Ratio Lower Upper  
41 100  
39 75.7 59.3 88.9

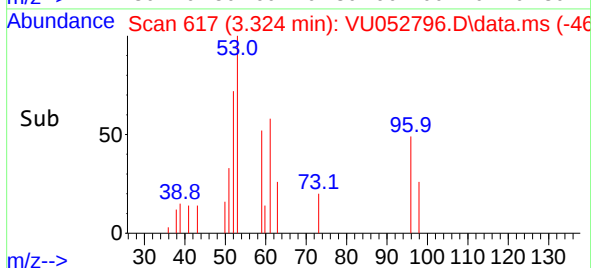
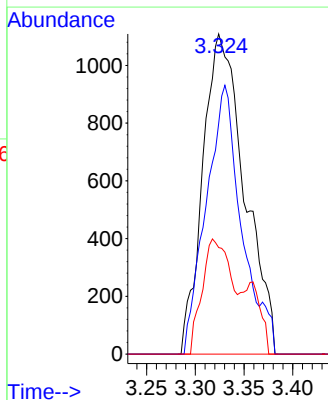
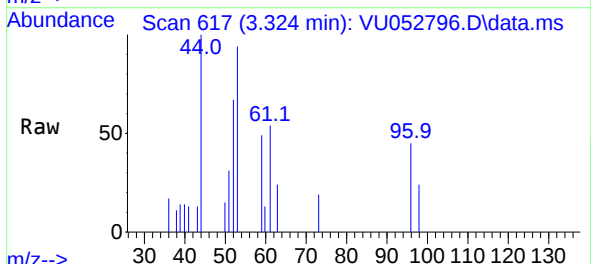
Manual Integrations  
APPROVED

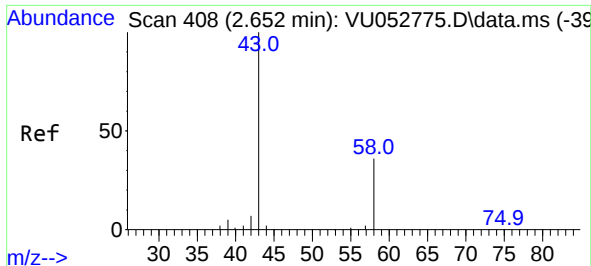
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#12  
Acrylonitrile  
Concen: 1.912 ug/l  
RT: 3.324 min Scan# 617  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Tgt Ion: 53 Resp: 3302  
Ion Ratio Lower Upper  
53 100  
52 71.4 63.0 94.4  
51 24.7 31.3 46.9





#13

Acetone

Concen: 4.795 ug/l

RT: 2.655 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU052796.D

Acq: 24 Jan 2023 17:42

Instrument :

MSVOA\_U

ClientSampleId :

RL CHECK

Tgt Ion: 43 Resp: 11744

Ion Ratio Lower Upper

43 100

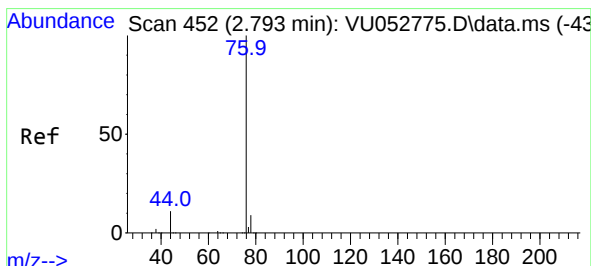
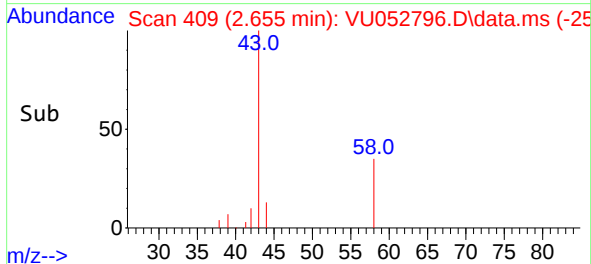
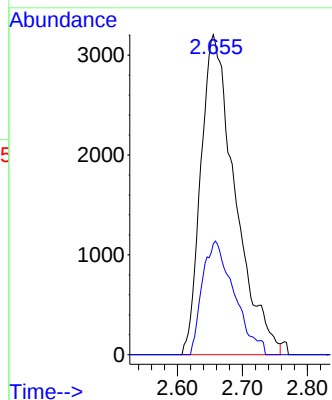
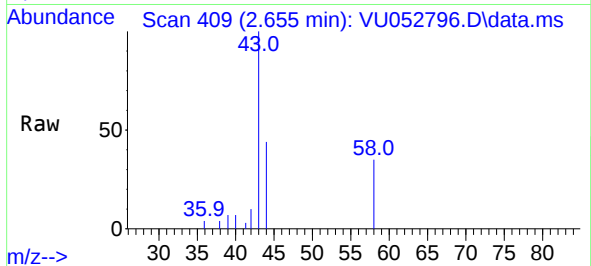
58 34.6 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#14

Carbon Disulfide

Concen: 0.792 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU052796.D

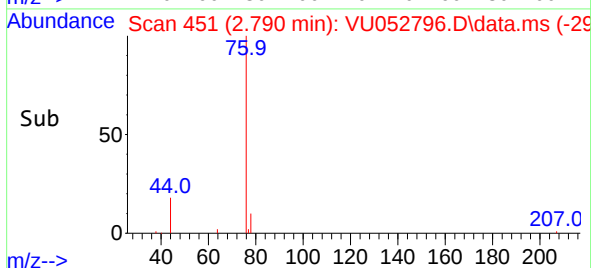
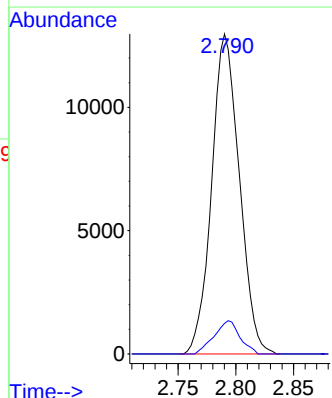
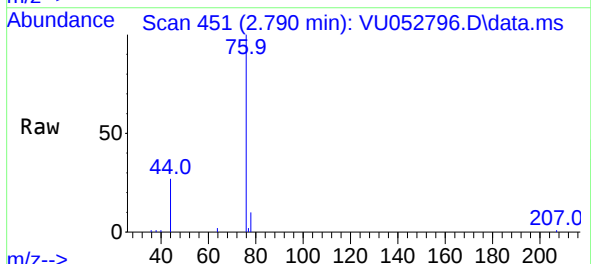
Acq: 24 Jan 2023 17:42

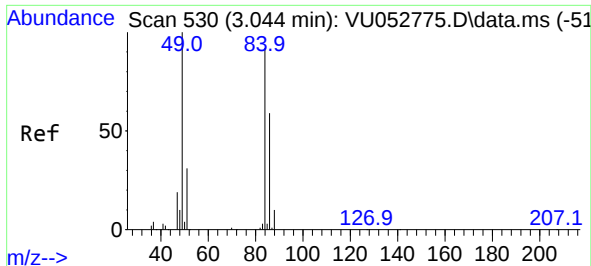
Tgt Ion: 76 Resp: 21596

Ion Ratio Lower Upper

76 100

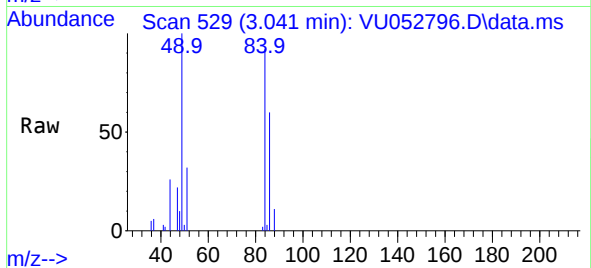
78 9.6 7.1 10.7





#15  
Methylene Chloride  
Concen: 0.922 ug/l  
RT: 3.041 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

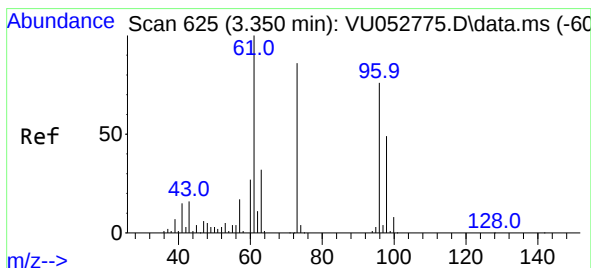
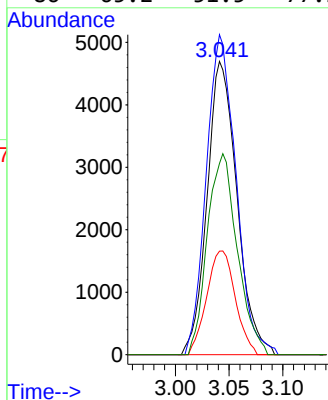
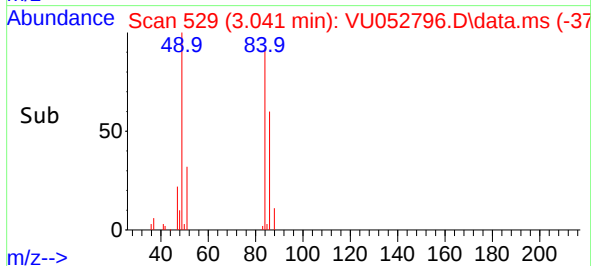
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion: 84 Resp: 9074  
Ion Ratio Lower Upper  
84 100  
49 109.1 86.7 130.1  
51 35.3 0.0 66.8  
86 65.2 51.5 77.3

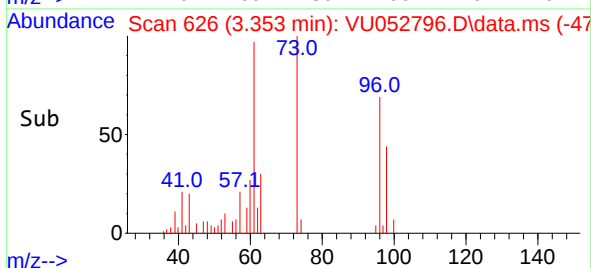
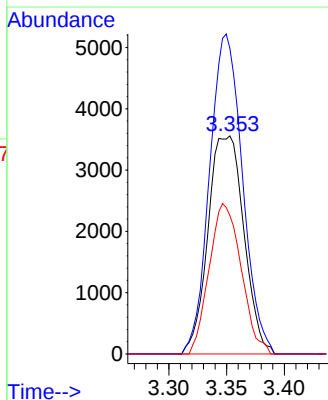
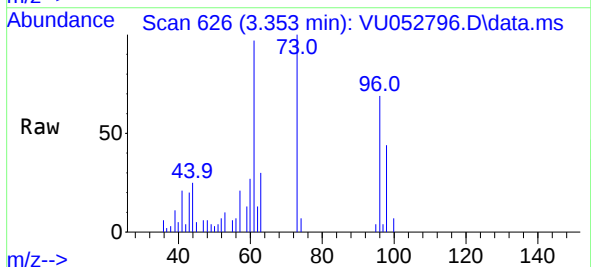
Manual Integrations  
APPROVED

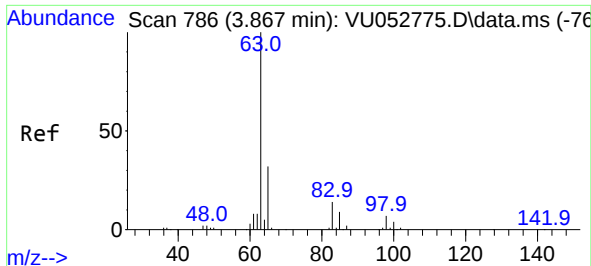
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#16  
trans-1,2-Dichloroethene  
Concen: 0.848 ug/l  
RT: 3.353 min Scan# 626  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

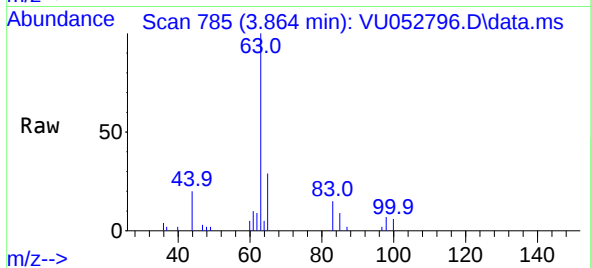
Tgt Ion: 96 Resp: 7683  
Ion Ratio Lower Upper  
96 100  
61 140.1 105.7 158.5  
98 63.5 51.4 77.2





#17  
1,1-Dichloroethane  
Concen: 0.881 ug/l  
RT: 3.864 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

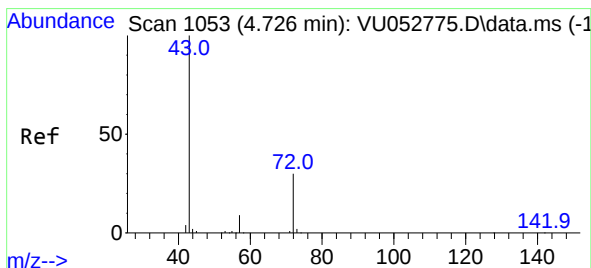
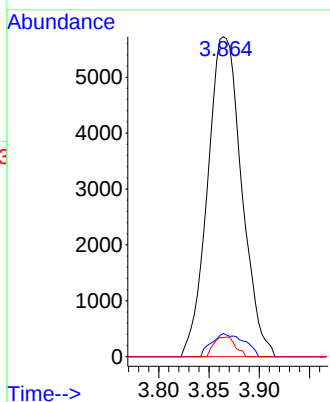
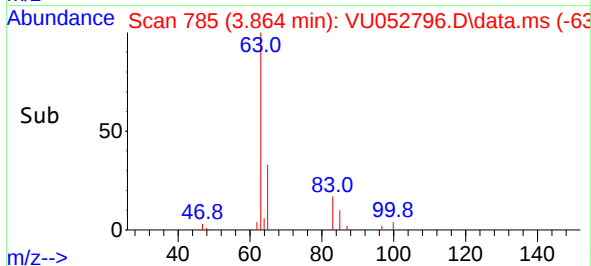
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion: 63 Resp: 1348  
Ion Ratio Lower Upper  
63 100  
98 7.3 3.8 11.2  
100 6.0 2.2 6.6

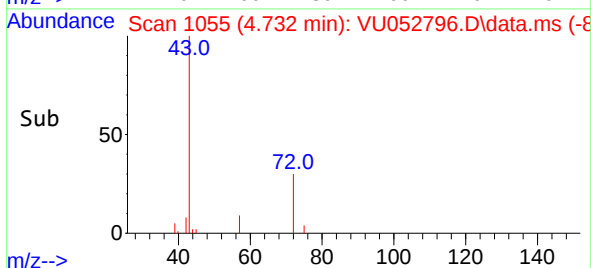
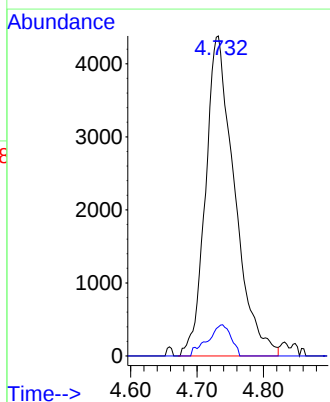
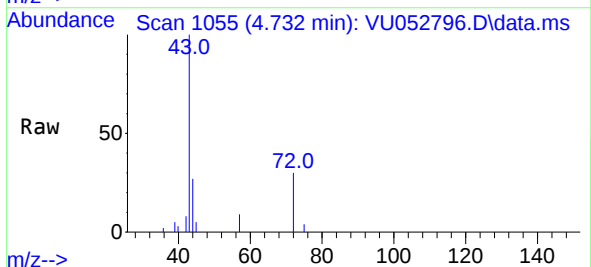
Manual Integrations  
APPROVED

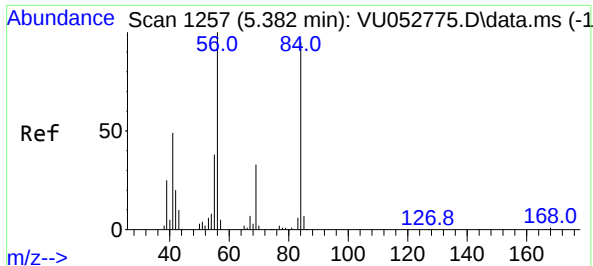
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#18  
2-Butanone  
Concen: 4.674 ug/l  
RT: 4.732 min Scan# 1055  
Delta R.T. 0.006 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

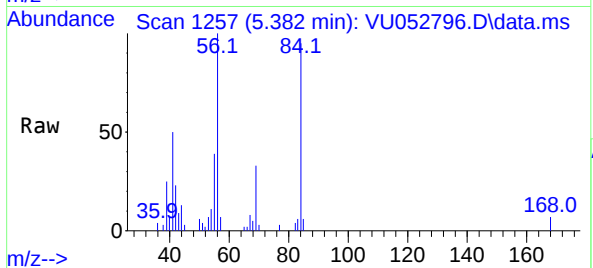
Tgt Ion: 43 Resp: 13299  
Ion Ratio Lower Upper  
43 100  
57 9.0 0.0 17.4





#19  
Cyclohexane  
Concen: 0.813 ug/l m  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

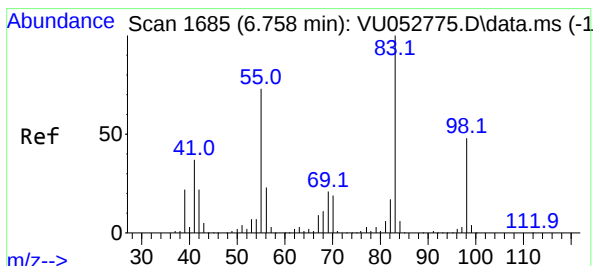
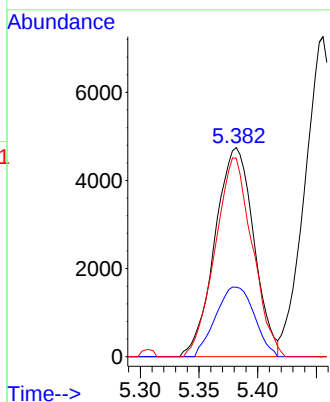
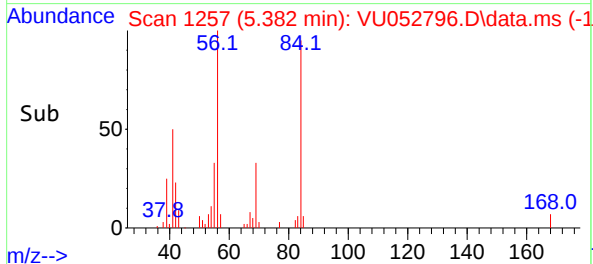
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion: 56 Resp: 10930  
Ion Ratio Lower Upper  
56 100  
69 33.0 26.8 40.2  
84 91.1 77.0 115.6

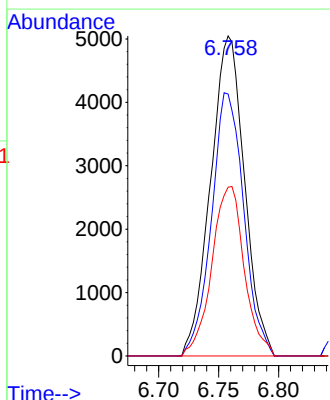
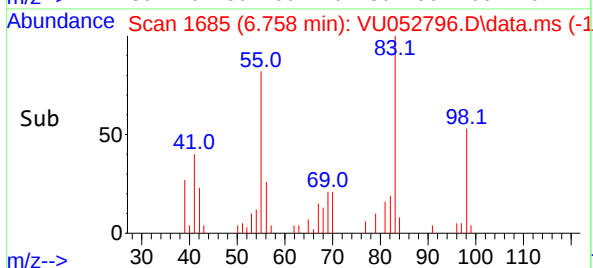
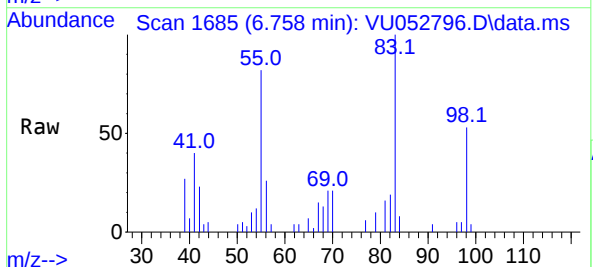
Manual Integrations  
APPROVED

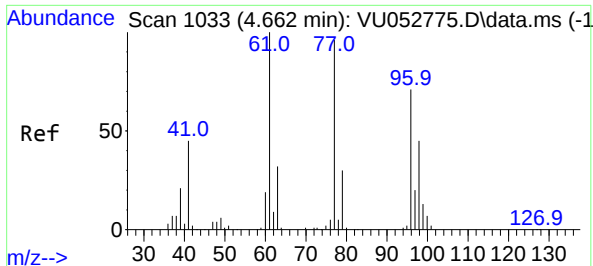
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#20  
Methylcyclohexane  
Concen: 0.660 ug/l  
RT: 6.758 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Tgt Ion: 83 Resp: 9913  
Ion Ratio Lower Upper  
83 100  
55 78.3 58.7 88.1  
98 50.8 39.4 59.2





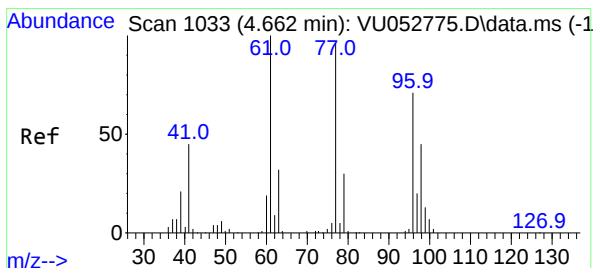
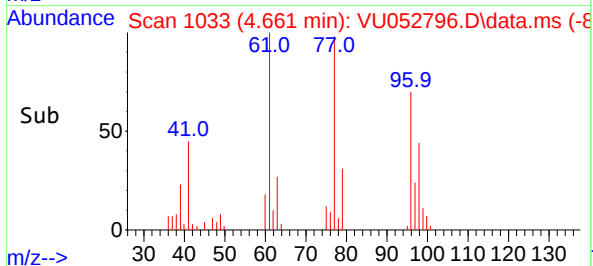
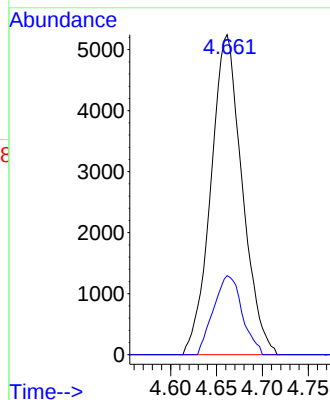
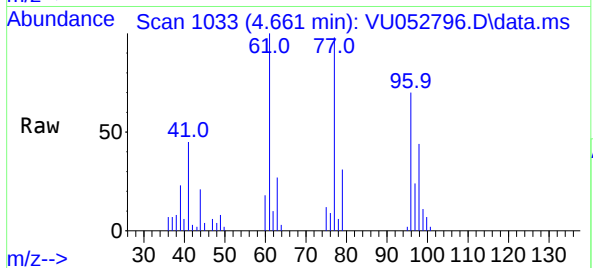
#21  
2,2-Dichloropropane  
Concen: 0.878 ug/l  
RT: 4.661 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK

Tgt Ion: 77 Resp: 1247  
Ion Ratio Lower Upper  
77 100  
97 22.5 16.8 25.2

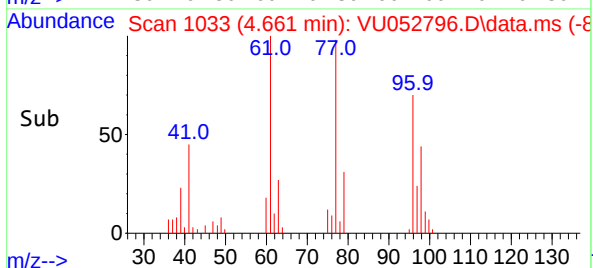
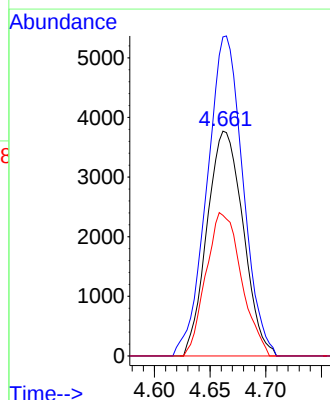
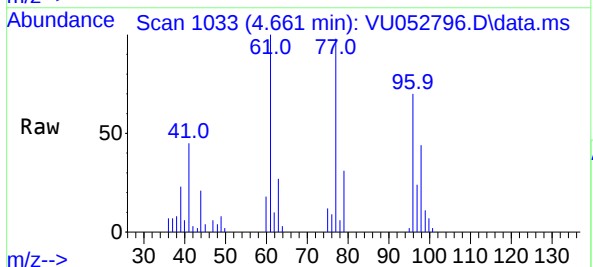
Manual Integrations  
APPROVED

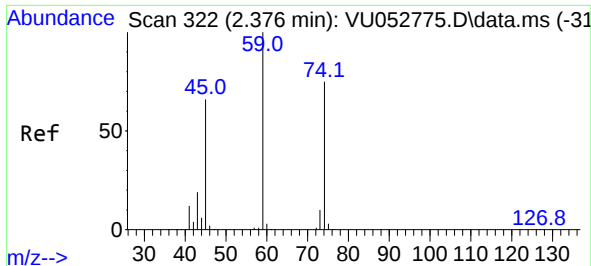
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#22  
cis-1,2-Dichloroethene  
Concen: 0.898 ug/l  
RT: 4.661 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

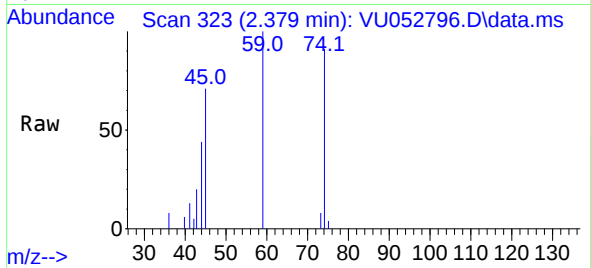
Tgt Ion: 96 Resp: 8505  
Ion Ratio Lower Upper  
96 100  
61 141.7 0.0 353.3  
98 62.4 32.6 97.7





#23  
Diethyl Ether  
Concen: 0.892 ug/l  
RT: 2.379 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

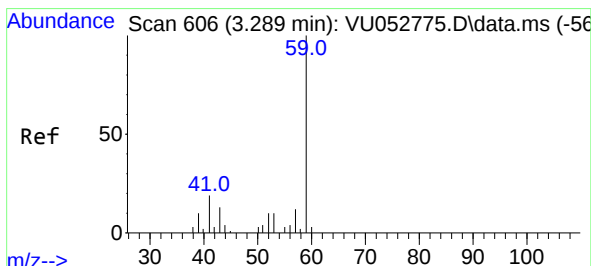
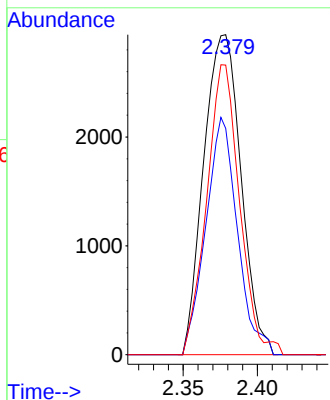
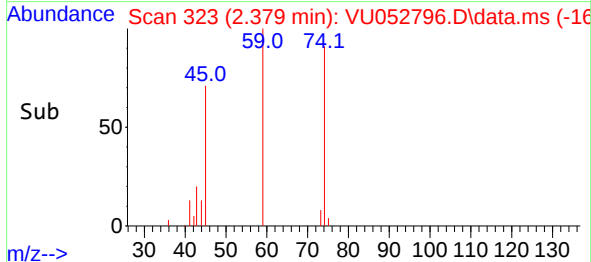
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion: 59 Resp: 5138  
Ion Ratio Lower Upper  
59 100  
45 62.9 52.1 78.1  
74 80.0 61.6 92.4

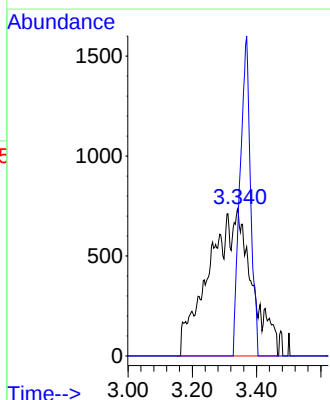
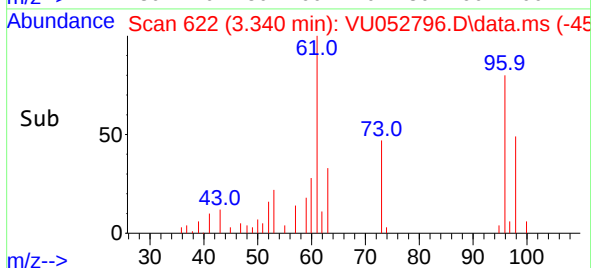
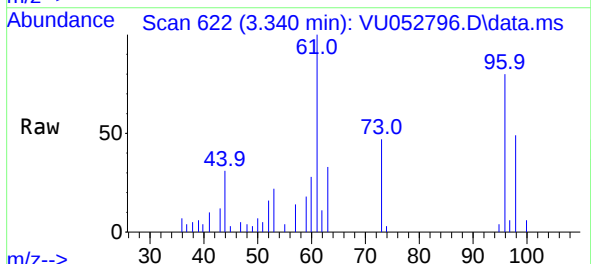
Manual Integrations  
APPROVED

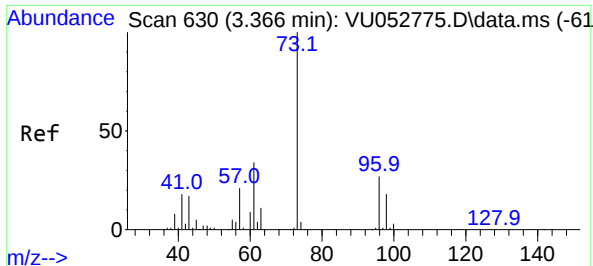
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#24  
tert-Butyl Alcohol  
Concen: 9.890 ug/l m  
RT: 3.340 min Scan# 622  
Delta R.T. 0.051 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

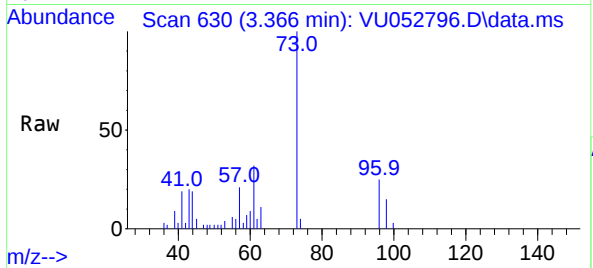
Tgt Ion: 59 Resp: 6856  
Ion Ratio Lower Upper  
59 100  
57 0.0 45.8 68.8#





#25  
Methyl tert-Butyl Ether  
Concen: 0.909 ug/l  
RT: 3.366 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

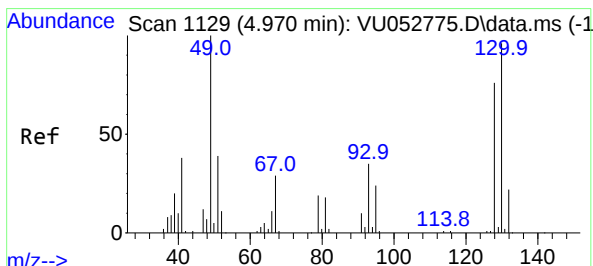
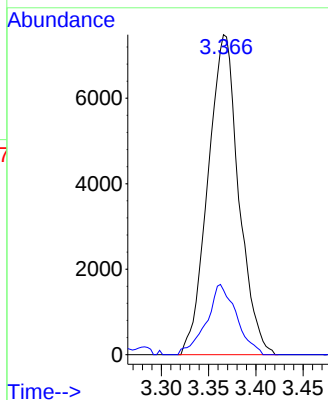
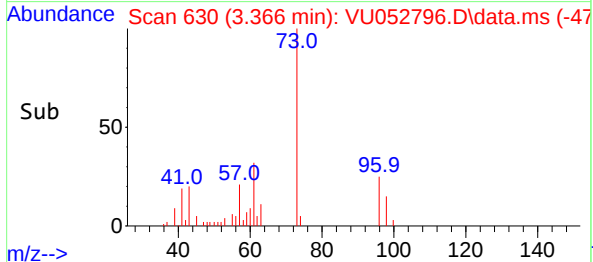
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion: 73 Resp: 1697  
Ion Ratio Lower Upper  
73 100  
43 21.4 15.3 22.9

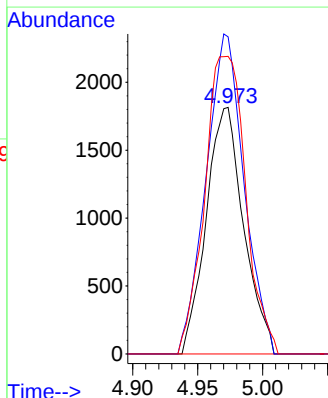
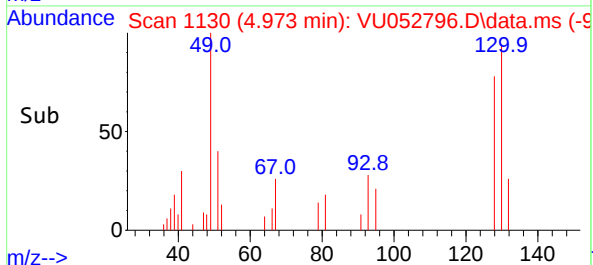
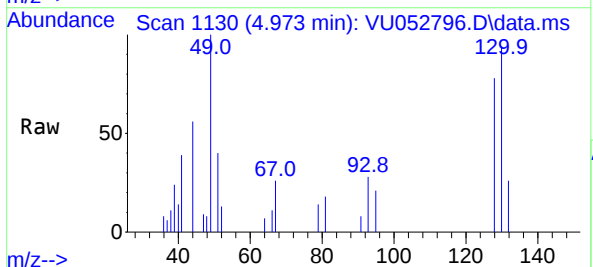
Manual Integrations  
APPROVED

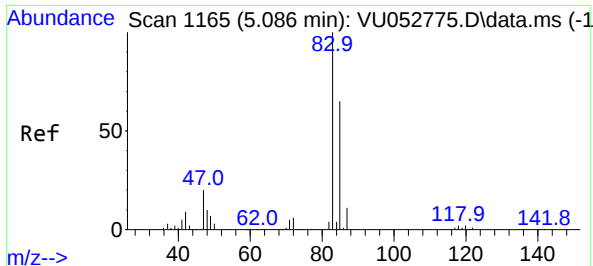
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#26  
Bromochloromethane  
Concen: 0.822 ug/l  
RT: 4.973 min Scan# 1130  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

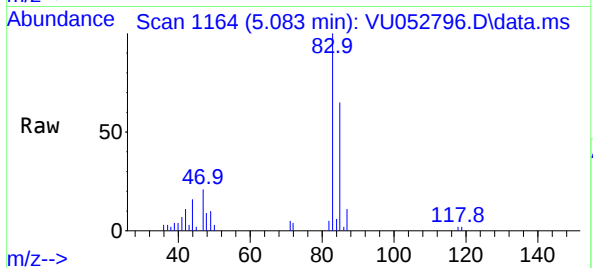
Tgt Ion:128 Resp: 3635  
Ion Ratio Lower Upper  
128 100  
49 131.9 0.0 265.0  
130 132.3 100.7 151.1





#27  
Chloroform  
Concen: 0.995 ug/l  
RT: 5.083 min Scan# 1165  
Delta R.T. -0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

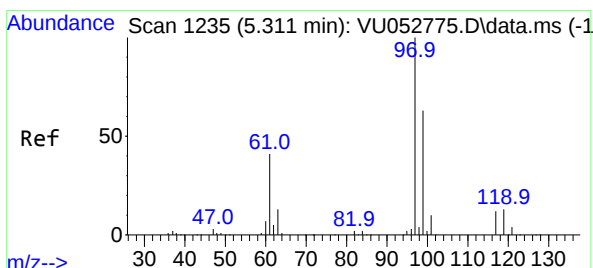
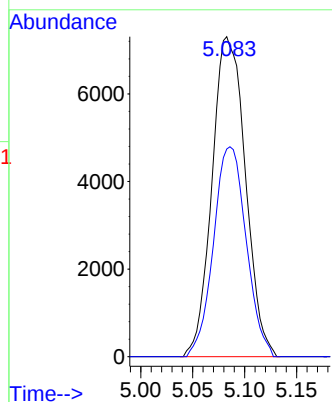
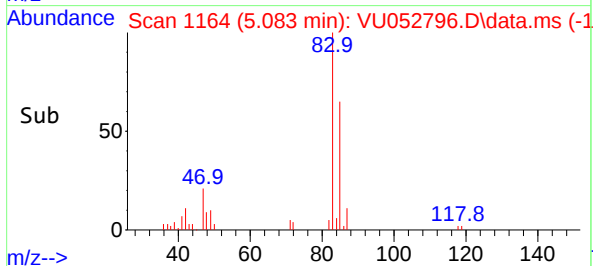
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion: 83 Resp: 16318  
Ion Ratio Lower Upper  
83 100  
85 64.9 0.0 130.6

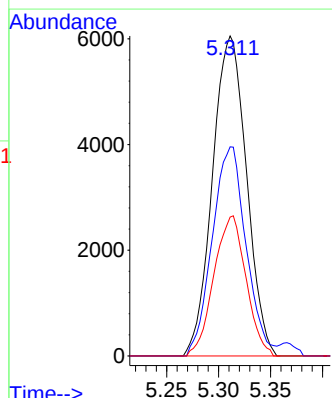
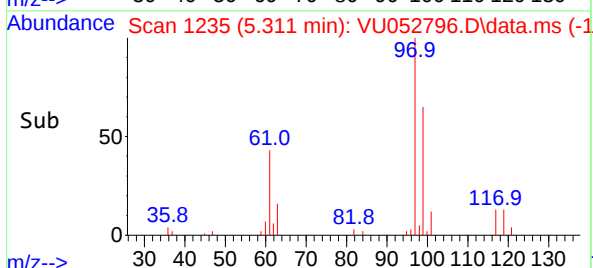
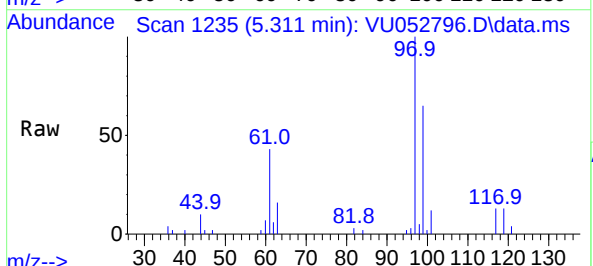
Manual Integrations  
APPROVED

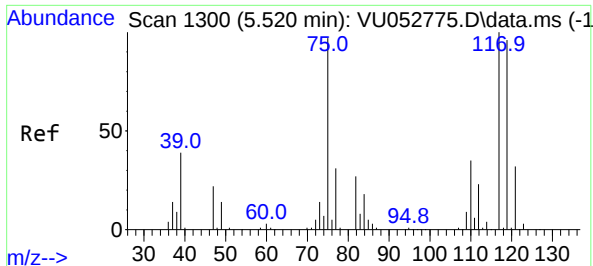
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#28  
1,1,1-Trichloroethane  
Concen: 0.911 ug/l  
RT: 5.311 min Scan# 1235  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Tgt Ion: 97 Resp: 13800  
Ion Ratio Lower Upper  
97 100  
99 65.0 31.9 95.5  
61 41.3 20.8 62.2





#29  
1,1-Dichloropropene  
Concen: 0.791 ug/l  
RT: 5.520 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

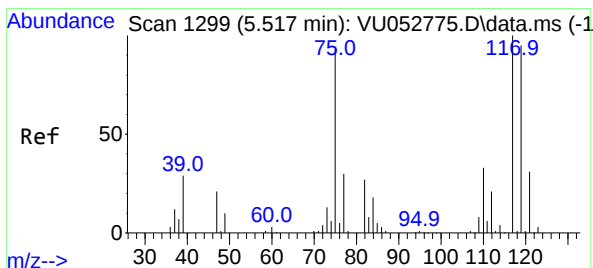
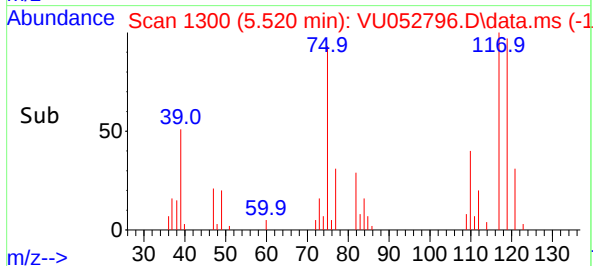
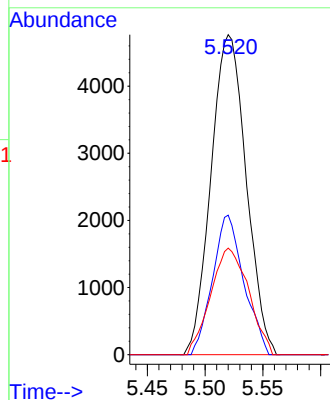
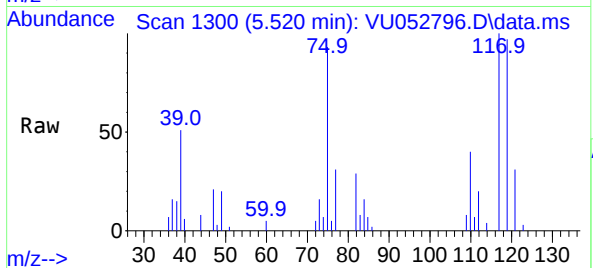
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK

Tgt Ion: 75 Resp: 10100

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 38.7  | 17.4  | 52.2  |
| 77  | 35.9  | 24.8  | 37.2  |

Manual Integrations  
APPROVED

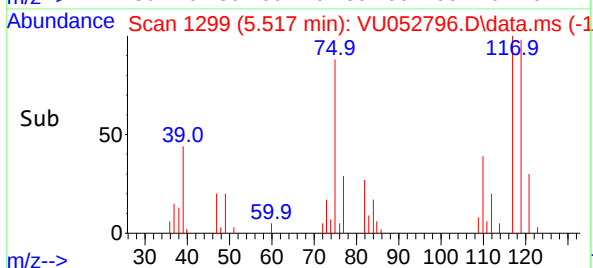
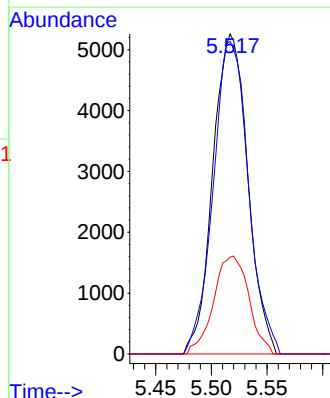
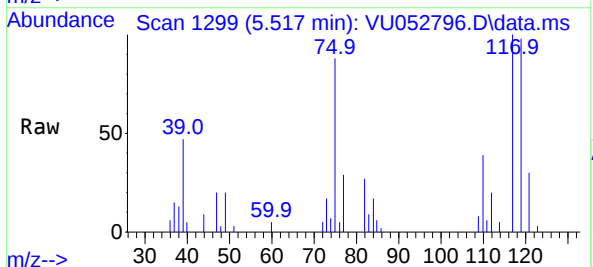
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

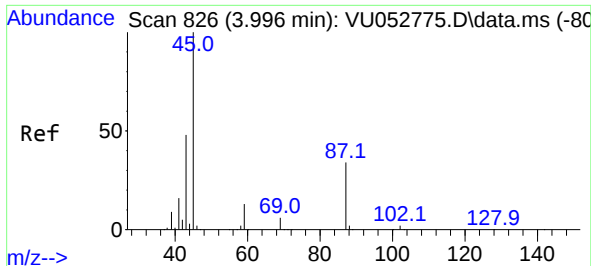


#30  
Carbon Tetrachloride  
Concen: 0.830 ug/l  
RT: 5.517 min Scan# 1299  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Tgt Ion:117 Resp: 11409

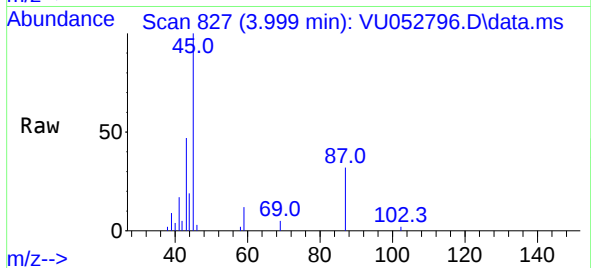
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.7  | 76.4  | 114.6 |
| 121 | 30.2  | 25.0  | 37.6  |





#31  
Isopropyl Ether  
Concen: 0.869 ug/l  
RT: 3.999 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

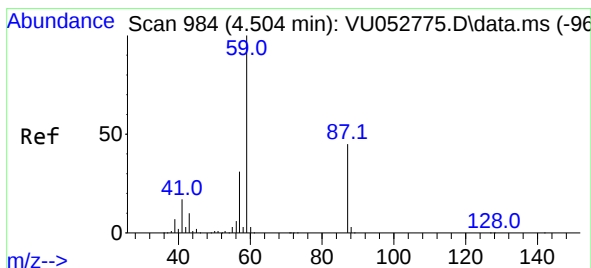
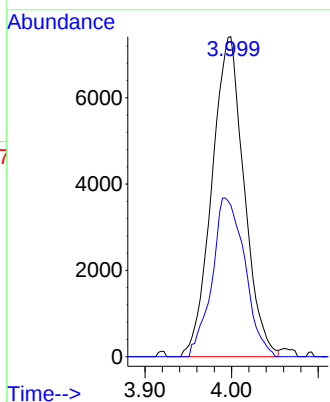
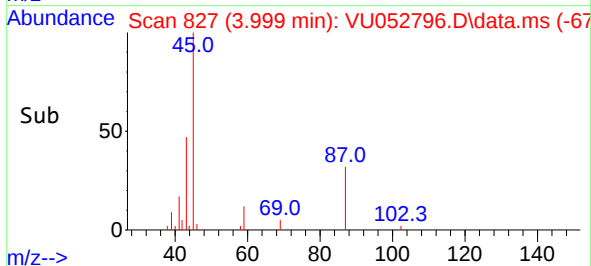
Instrument :  
MSVOA\_U  
Client SampleId :  
RL CHECK



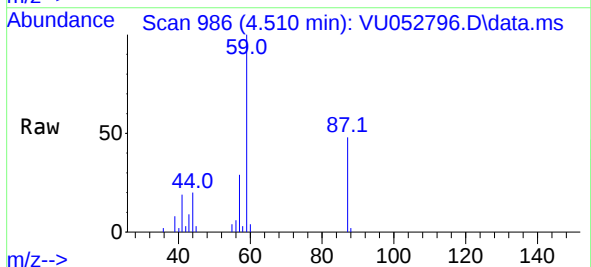
Tgt Ion: 45 Resp: 1912  
Ion Ratio Lower Upper  
45 100  
43 50.4 24.5 73.5

Manual Integrations  
APPROVED

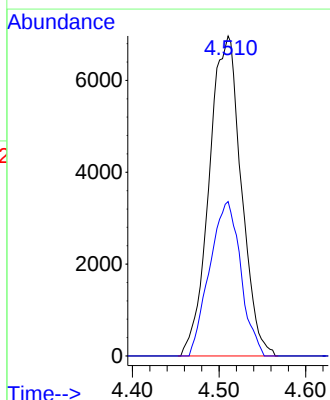
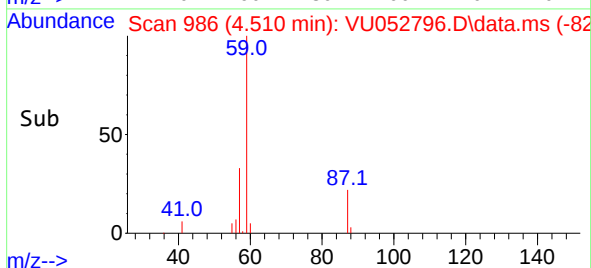
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

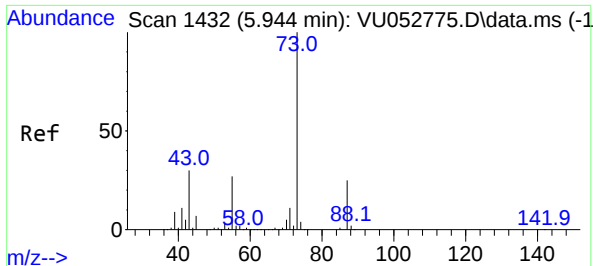


#32  
Ethyl-t-butyl ether  
Concen: 0.873 ug/l  
RT: 4.510 min Scan# 986  
Delta R.T. 0.006 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



Tgt Ion: 59 Resp: 17926  
Ion Ratio Lower Upper  
59 100  
87 46.7 36.2 54.2





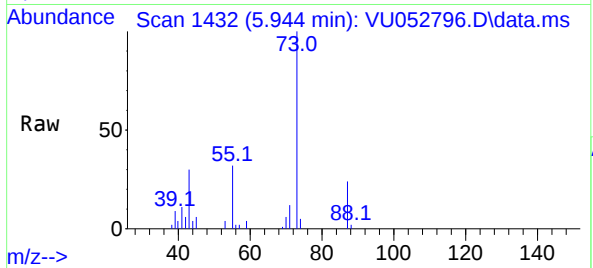
#33  
Tert-Amyl methyl ether  
Concen: 0.847 ug/l  
RT: 5.944 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Instrument :

MSVOA\_U

ClientSampleId :

RL CHECK



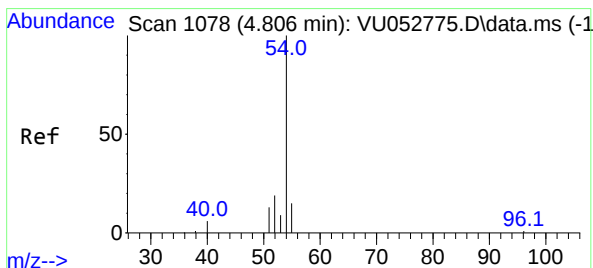
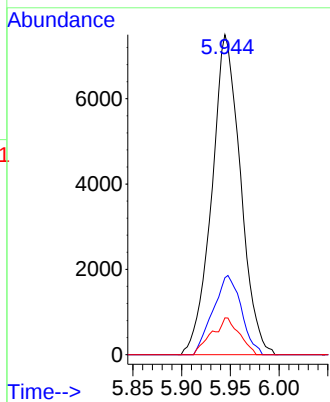
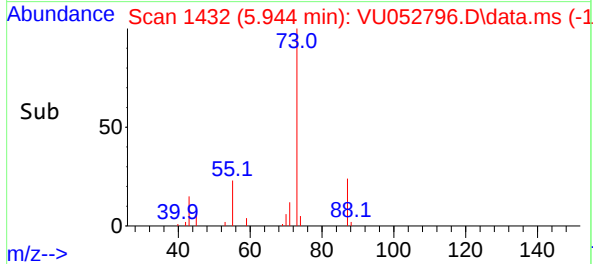
Tgt Ion: 73 Resp: 15380  
Ion Ratio Lower Upper  
73 100  
87 24.4 20.1 30.1  
71 10.9 9.2 13.8

Manual Integrations

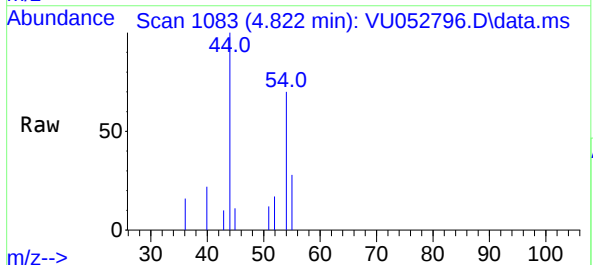
APPROVED

Reviewed By :Krupa Patel 01/31/2023

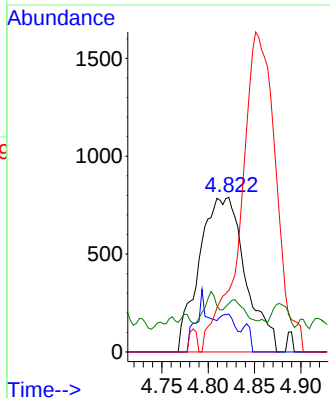
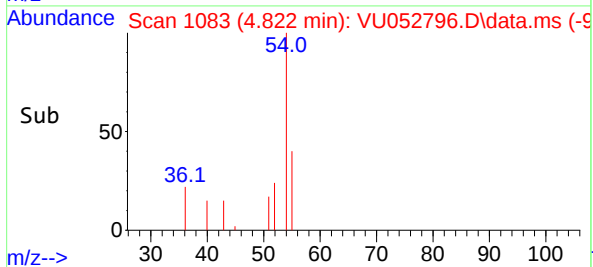
Supervised By :Mahesh Dadoda 01/31/2023

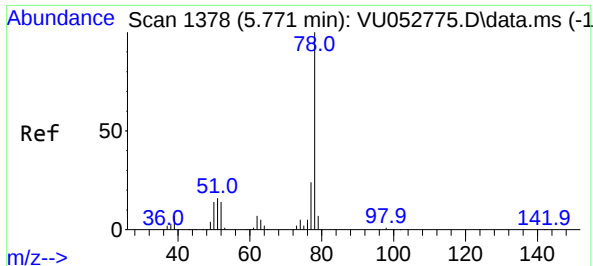


#34  
Propionitrile  
Concen: 4.195 ug/l m  
RT: 4.822 min Scan# 1083  
Delta R.T. 0.016 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



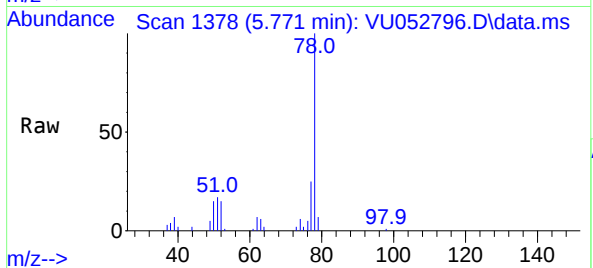
Tgt Ion: 54 Resp: 2733  
Ion Ratio Lower Upper  
54 100  
52 12.4 16.9 25.3#  
55 0.0 118.6 178.0#  
40 5.2 2.8 4.2#





#35  
Benzene  
Concen: 0.820 ug/l  
RT: 5.771 min Scan# 1378  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

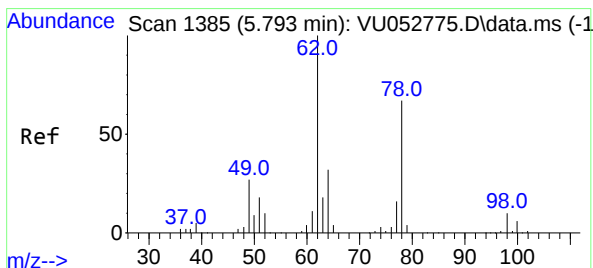
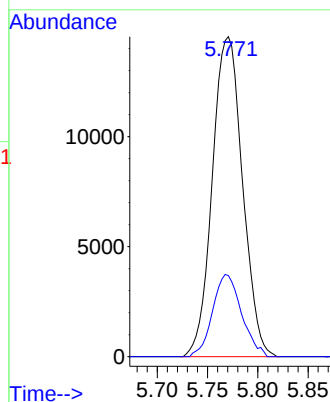
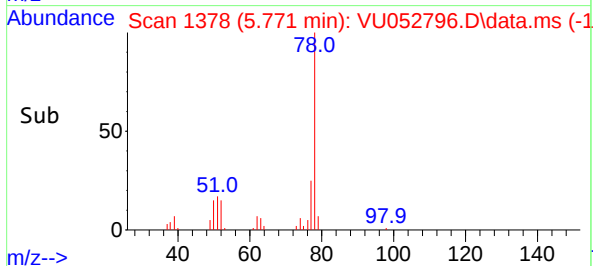
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion: 78 Resp: 30390  
Ion Ratio Lower Upper  
78 100  
77 25.3 19.0 28.4

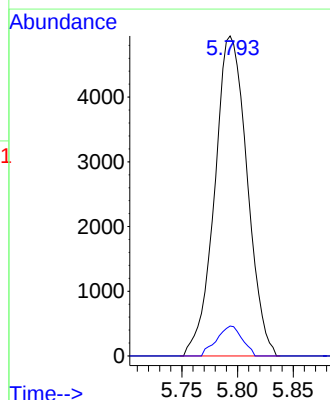
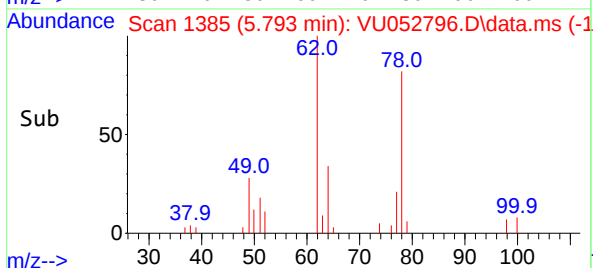
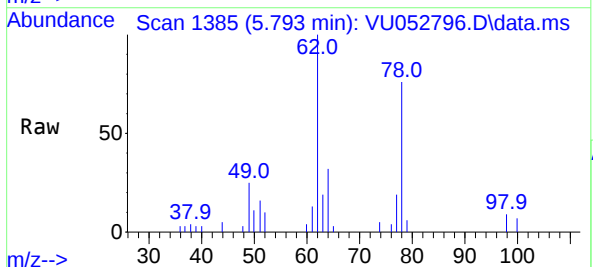
Manual Integrations  
APPROVED

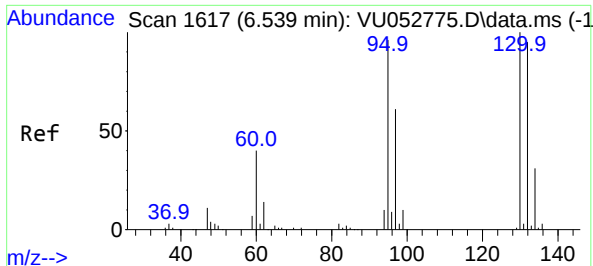
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#36  
1,2-Dichloroethane  
Concen: 0.900 ug/l  
RT: 5.793 min Scan# 1385  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

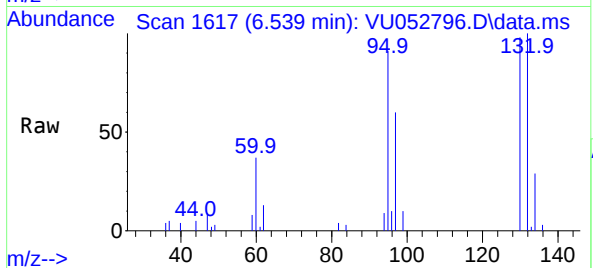
Tgt Ion: 62 Resp: 10018  
Ion Ratio Lower Upper  
62 100  
98 7.3 7.5 11.3





#37  
Trichloroethene  
Concen: 0.834 ug/l  
RT: 6.539 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

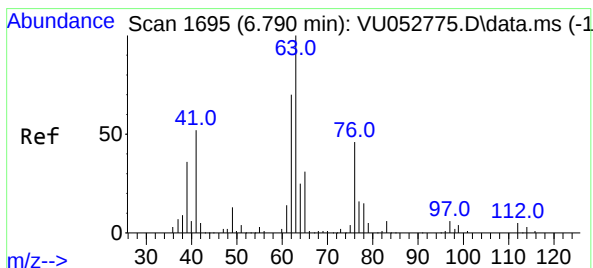
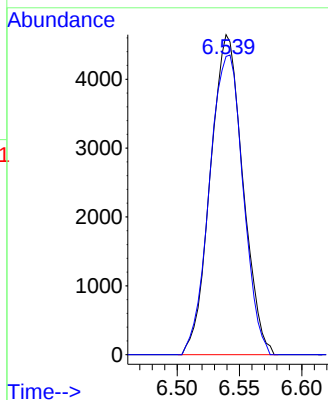
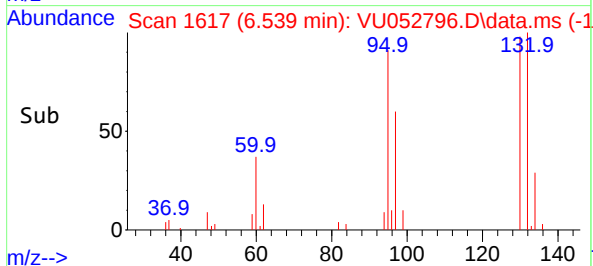
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



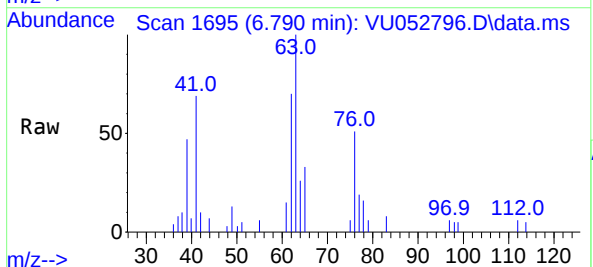
Tgt Ion:130 Resp: 8424  
Ion Ratio Lower Upper  
130 100  
95 93.2 76.6 114.8

Manual Integrations  
APPROVED

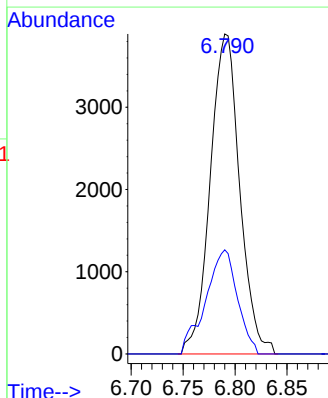
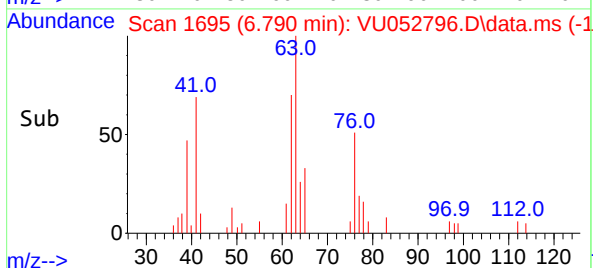
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

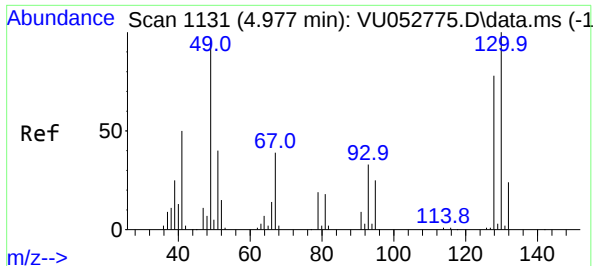


#38  
1,2-Dichloropropane  
Concen: 0.817 ug/l  
RT: 6.790 min Scan# 1695  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



Tgt Ion: 63 Resp: 7683  
Ion Ratio Lower Upper  
63 100  
65 32.6 24.6 36.8





#39

Methacrylonitrile

Concen: 0.974 ug/l m

RT: 4.989 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VU052796.D

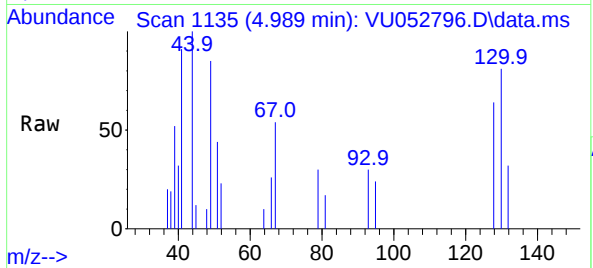
Acq: 24 Jan 2023 17:42

Instrument :

MSVOA\_U

ClientSampleId :

RL CHECK



Tgt Ion: 41 Resp: 2534

Ion Ratio Lower Upper

41 100

67 68.8 64.9 97.3

39 58.8 41.7 62.5

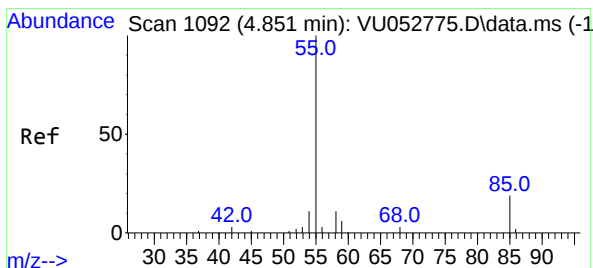
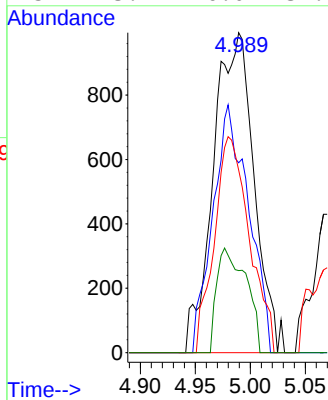
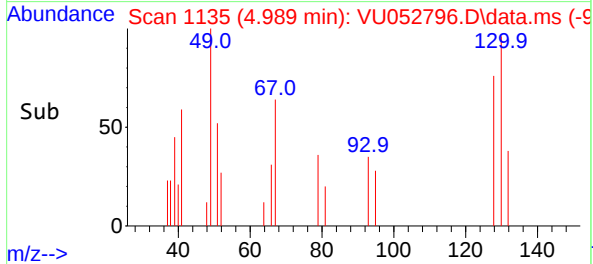
52 23.7 26.0 39.0#

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#40

Methyl acrylate

Concen: 0.929 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VU052796.D

Acq: 24 Jan 2023 17:42

Tgt Ion: 55 Resp: 4287

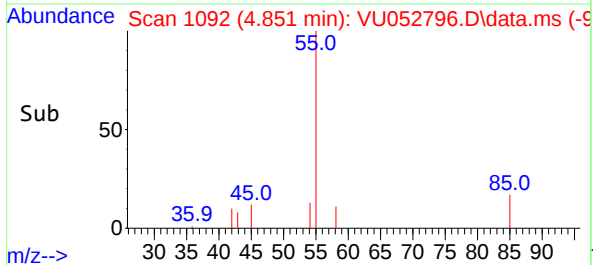
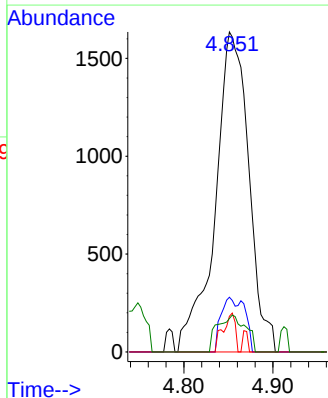
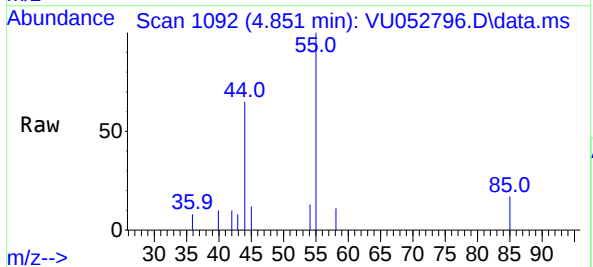
Ion Ratio Lower Upper

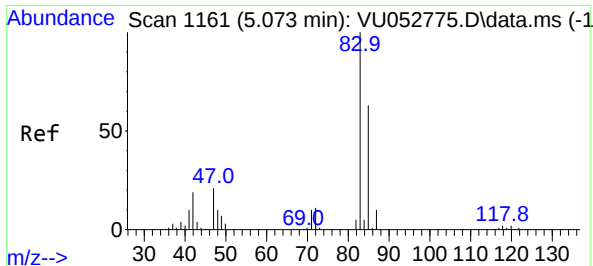
55 100

85 0.0 14.4 21.6#

58 4.5 7.3 10.9#

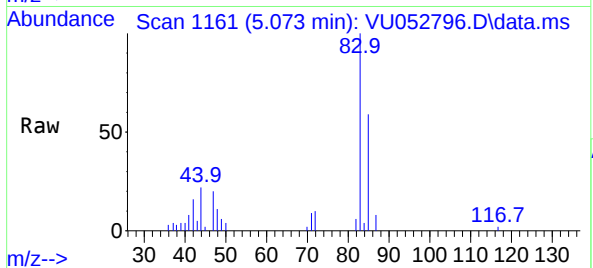
42 9.6 7.6 11.4





#41  
Tetrahydrofuran  
Concen: 1.822 ug/l  
RT: 5.073 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

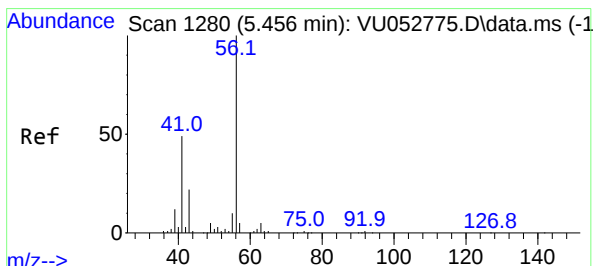
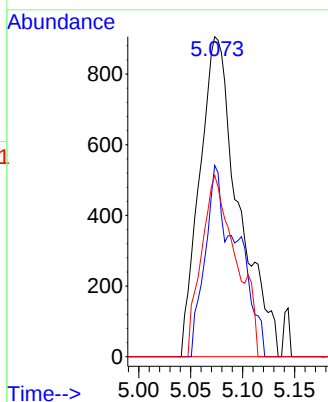
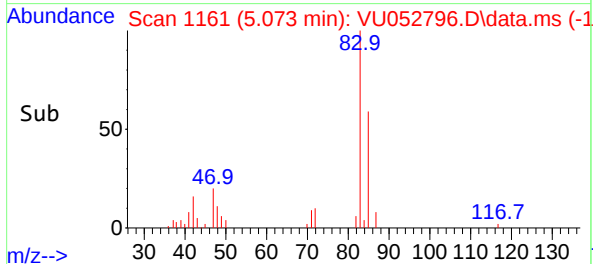
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion: 42 Resp: 2358  
Ion Ratio Lower Upper  
42 100  
72 49.5 49.1 73.7  
71 50.1 43.8 65.6

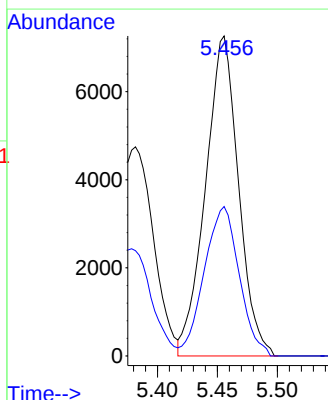
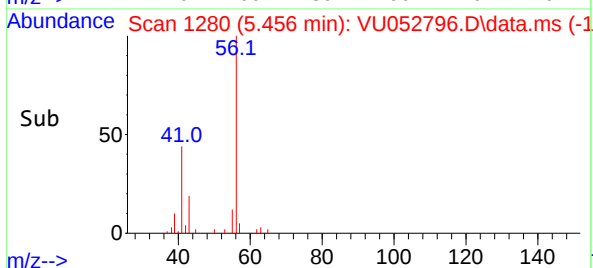
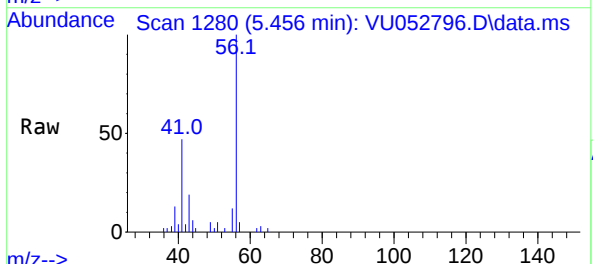
Manual Integrations  
APPROVED

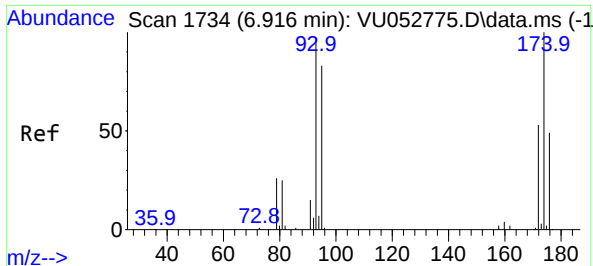
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#42  
1-Chlorobutane  
Concen: 0.852 ug/l  
RT: 5.456 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

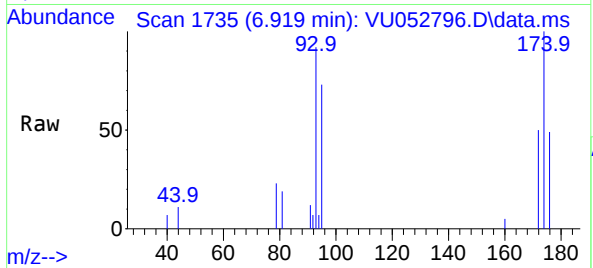
Tgt Ion: 56 Resp: 13917  
Ion Ratio Lower Upper  
56 100  
41 49.5 24.5 73.5





#43  
Dibromomethane  
Concen: 0.873 ug/l  
RT: 6.919 min Scan# 1735  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

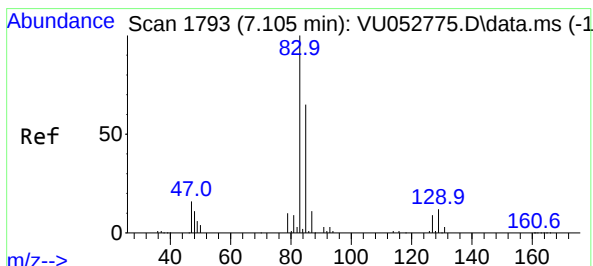
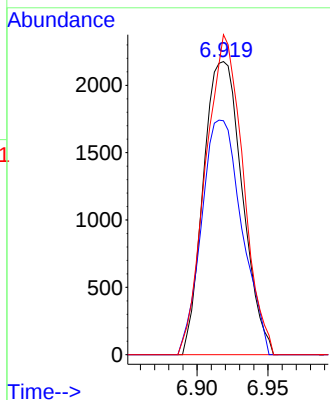
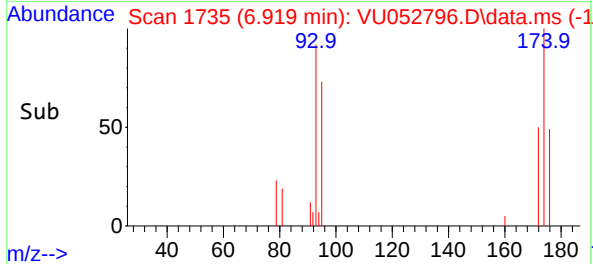
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



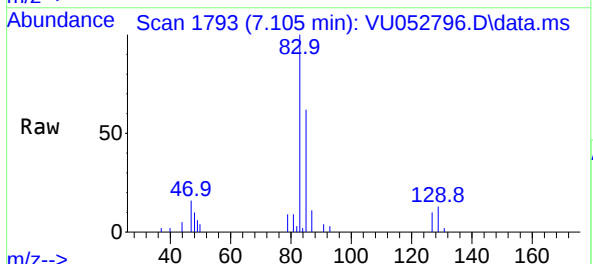
Tgt Ion: 93 Resp: 4152  
Ion Ratio Lower Upper  
93 100  
95 83.1 67.0 100.6  
174 105.4 82.2 123.4

Manual Integrations  
APPROVED

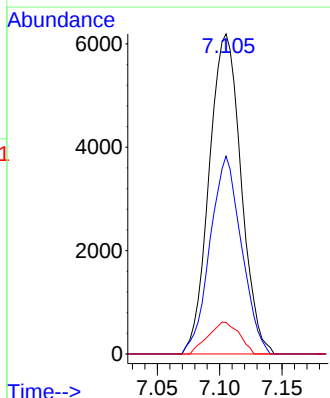
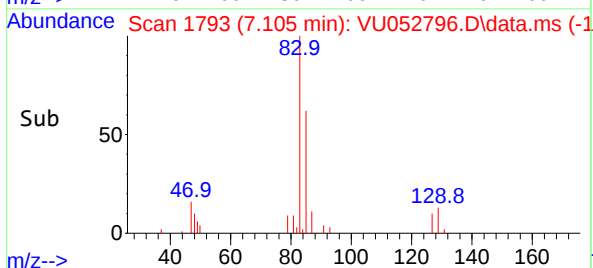
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

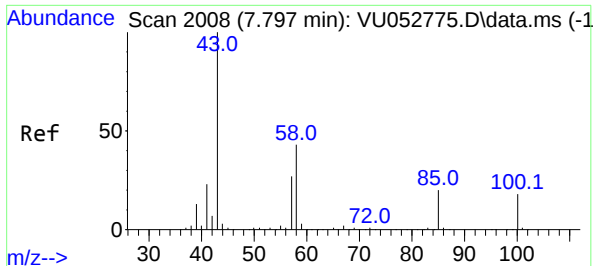


#44  
Bromodichloromethane  
Concen: 0.855 ug/l  
RT: 7.105 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



Tgt Ion: 83 Resp: 11038  
Ion Ratio Lower Upper  
83 100  
85 61.8 52.1 78.1  
127 9.8 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 3.769 ug/l

RT: 7.800 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VU052796.D

Acq: 24 Jan 2023 17:42

Instrument :

MSVOA\_U

ClientSampleId :

RL CHECK

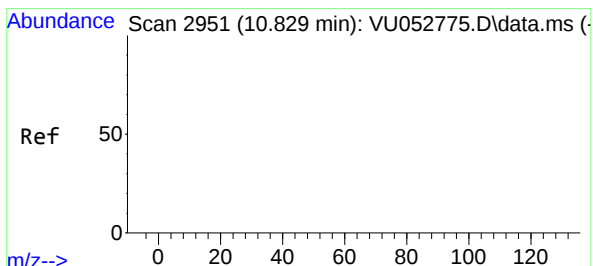
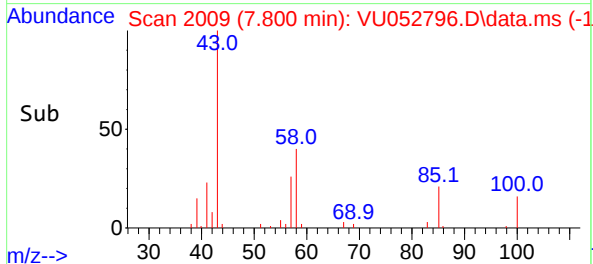
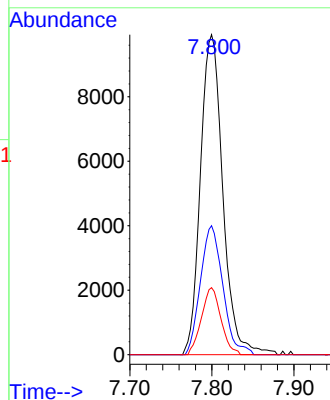
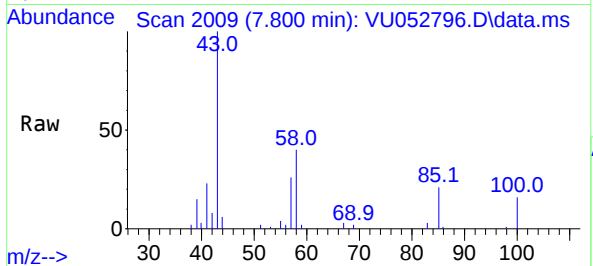
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 1884  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 40.3     | 21.7 65.1   |
| 85 18.2     | 16.2 24.4   |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#46

t-1,4-Dichloro-2-butene

Concen: 1.593 ug/l m

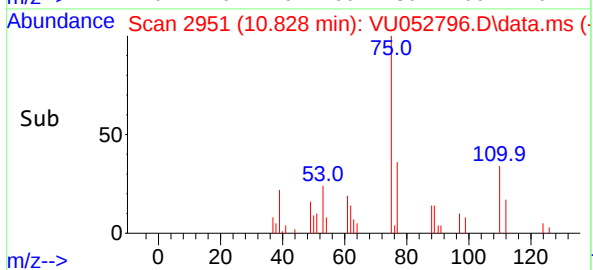
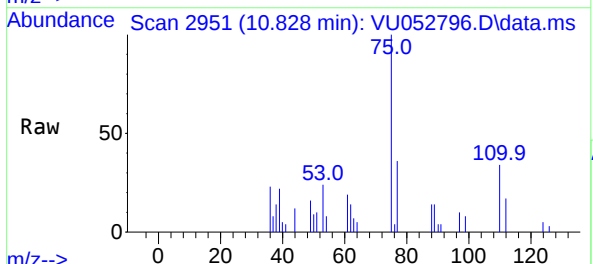
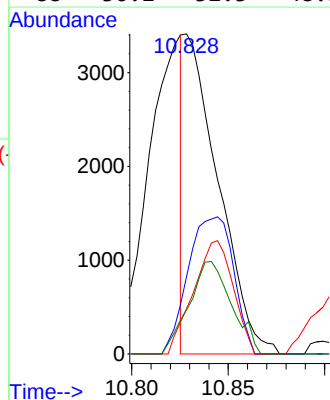
RT: 10.828 min Scan# 2951

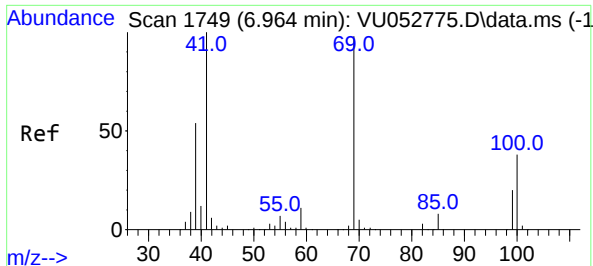
Delta R.T. -0.000 min

Lab File: VU052796.D

Acq: 24 Jan 2023 17:42

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 4177  |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 53 57.4     | 57.0 85.4   |
| 89 41.3     | 41.1 61.7   |
| 88 36.2     | 32.3 48.5   |





#47

Methyl methacrylate

Concen: 1.324 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU052796.D

Acq: 24 Jan 2023 17:42

Instrument :

MSVOA\_U

ClientSampleId :

RL CHECK

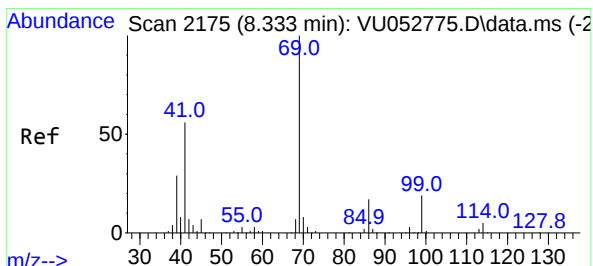
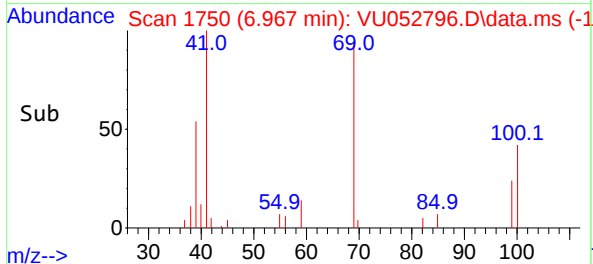
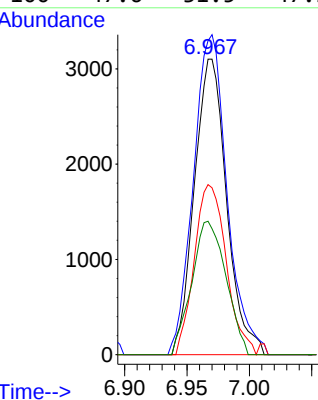
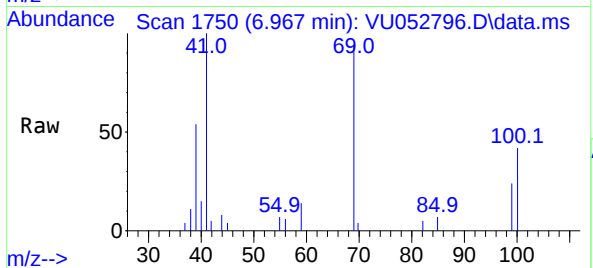
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 5599  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 112.8 | 0.0   | 201.8 |
| 39       | 56.9  | 44.0  | 66.0  |
| 100      | 47.6  | 31.5  | 47.3  |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#48

Ethyl methacrylate

Concen: 0.723 ug/l

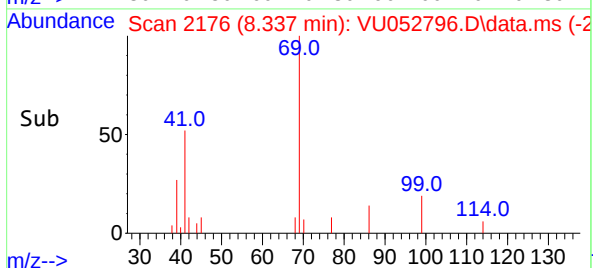
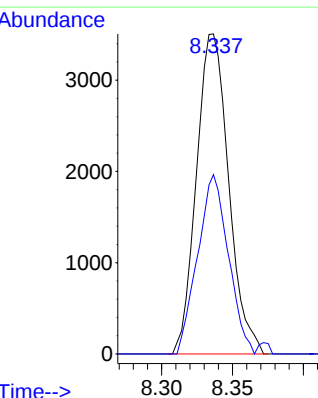
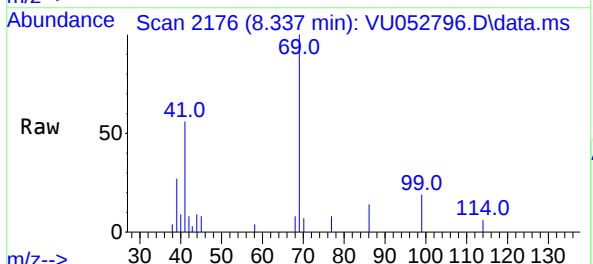
RT: 8.337 min Scan# 2176

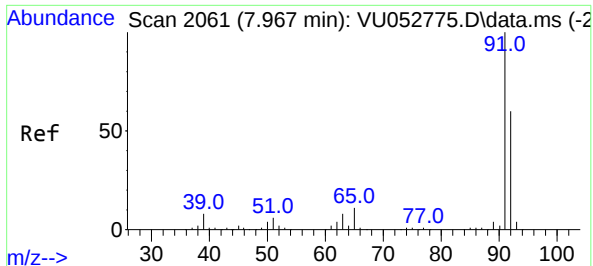
Delta R.T. 0.003 min

Lab File: VU052796.D

Acq: 24 Jan 2023 17:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 5543  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 53.4  | 28.1  | 84.4  |





#49

Toluene

Concen: 0.733 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052796.D

Acq: 24 Jan 2023 17:42

Instrument :

MSVOA\_U

ClientSampleId :

RL CHECK

Tgt Ion: 92 Resp: 16489

Ion Ratio Lower Upper

92 100

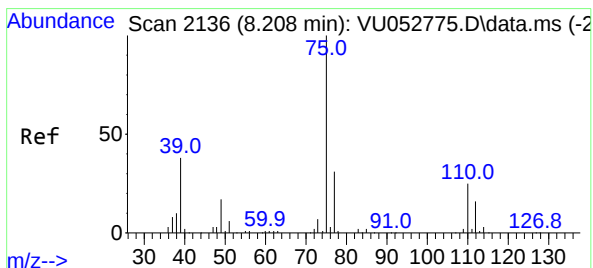
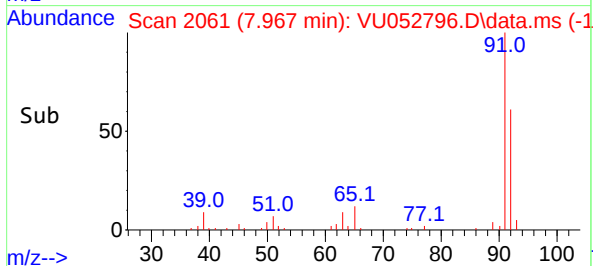
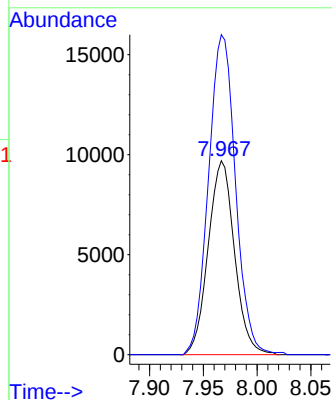
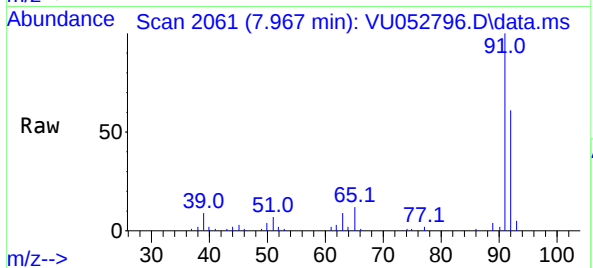
91 169.3 133.8 200.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#50

t-1,3-Dichloropropene

Concen: 0.747 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU052796.D

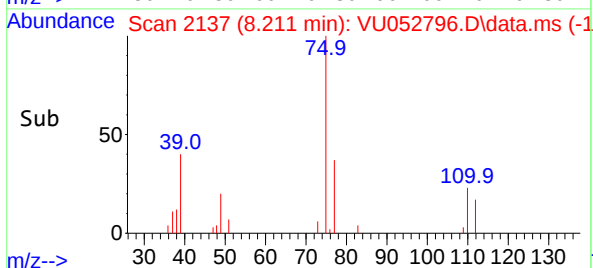
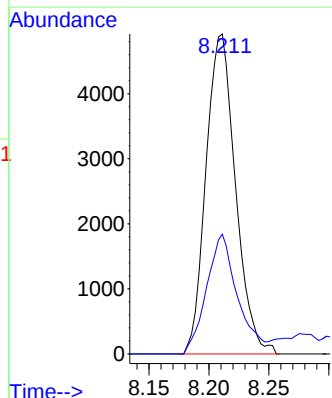
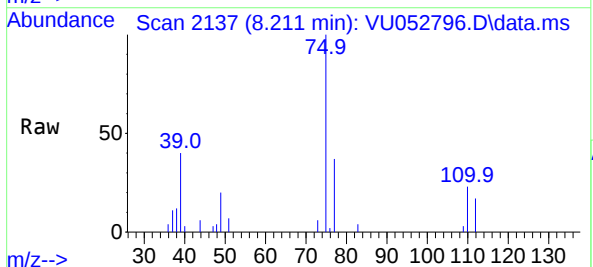
Acq: 24 Jan 2023 17:42

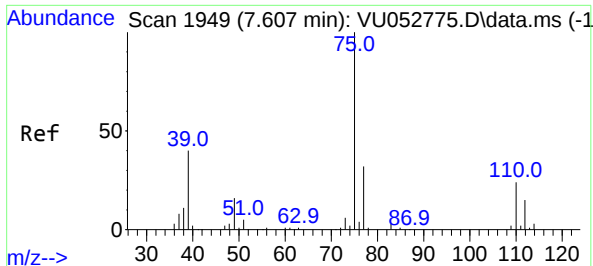
Tgt Ion: 75 Resp: 8410

Ion Ratio Lower Upper

75 100

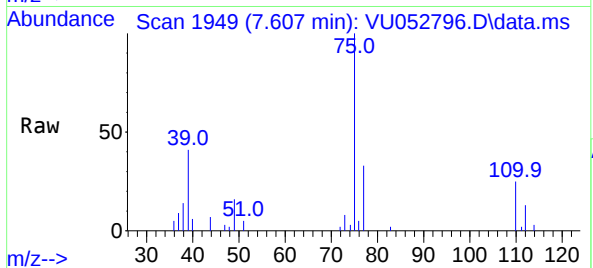
77 37.4 24.4 36.6#





#51  
 cis-1,3-Dichloropropene  
 Concen: 0.760 ug/l  
 RT: 7.607 min Scan# 1949  
 Delta R.T. -0.000 min  
 Lab File: VU052796.D  
 Acq: 24 Jan 2023 17:42

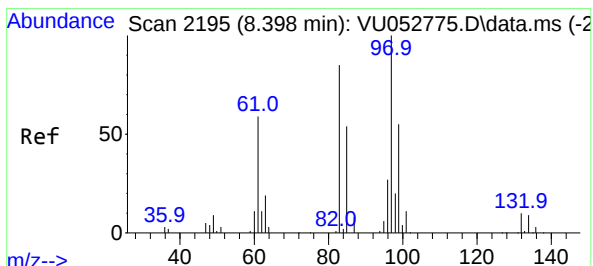
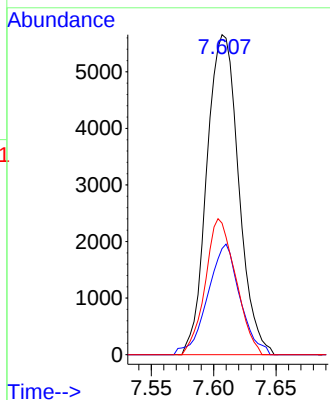
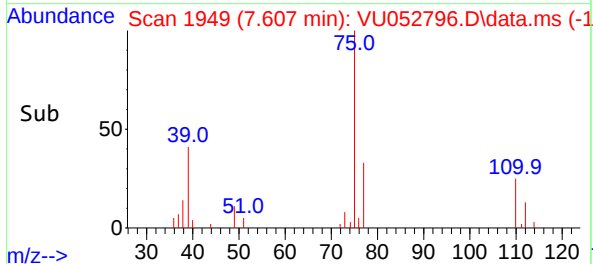
Instrument : MSVOA\_U  
 ClientSampleId :  
 RL CHECK



Tgt Ion: 75 Resp: 1006  
 Ion Ratio Lower Upper  
 75 100  
 77 33.1 25.5 38.3  
 39 41.1 32.3 48.5

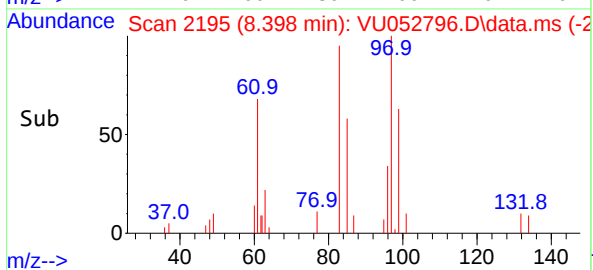
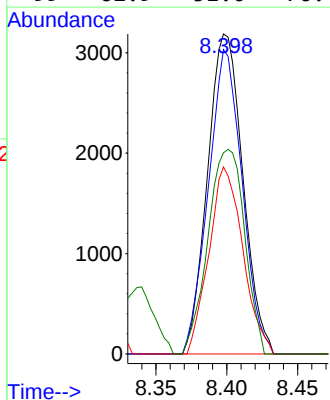
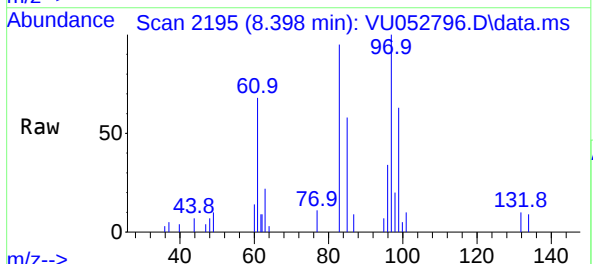
Manual Integrations  
 APPROVED

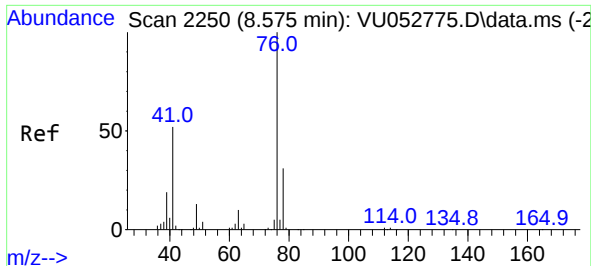
Reviewed By :Krupa Patel 01/31/2023  
 Supervised By :Mahesh Dadoda 01/31/2023



#52  
 1,1,2-Trichloroethane  
 Concen: 0.817 ug/l  
 RT: 8.398 min Scan# 2195  
 Delta R.T. -0.000 min  
 Lab File: VU052796.D  
 Acq: 24 Jan 2023 17:42

Tgt Ion: 97 Resp: 5525  
 Ion Ratio Lower Upper  
 97 100  
 83 95.1 68.2 102.2  
 85 58.4 44.5 66.7  
 99 62.9 51.0 76.4





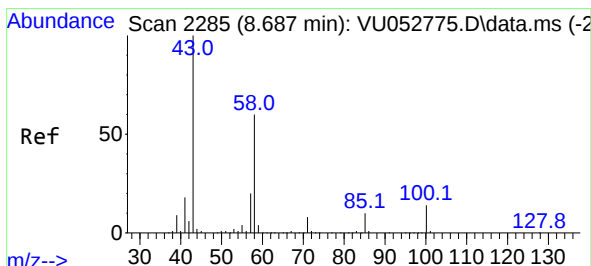
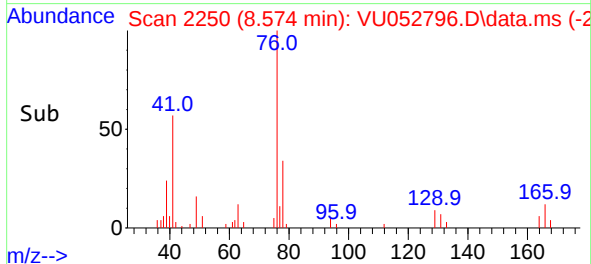
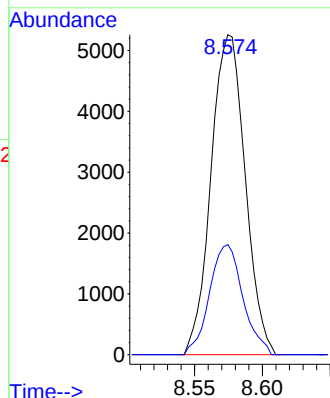
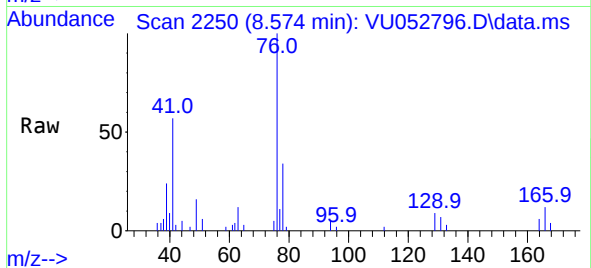
#53  
1,3-Dichloropropane  
Concen: 0.788 ug/l  
RT: 8.574 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK

Tgt Ion: 76 Resp: 922  
Ion Ratio Lower Upper  
76 100  
78 33.6 25.2 37.8

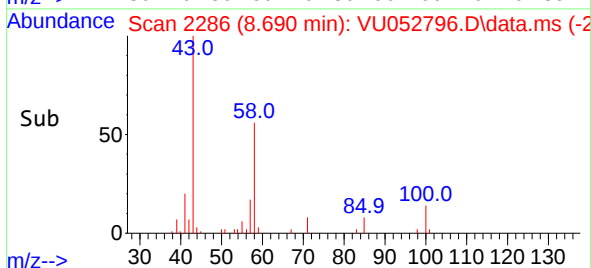
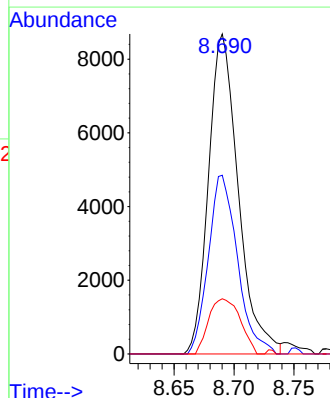
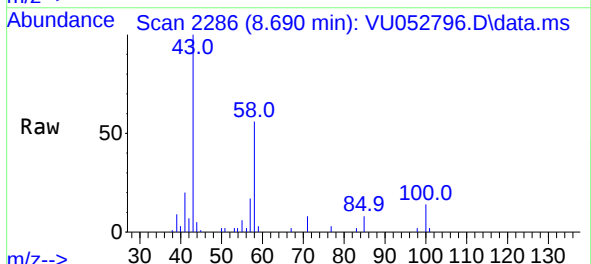
Manual Integrations  
APPROVED

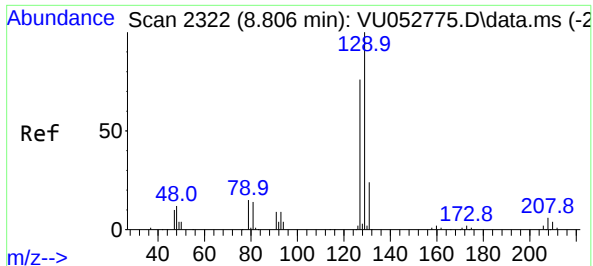
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#54  
2-Hexanone  
Concen: 3.423 ug/l  
RT: 8.690 min Scan# 2286  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

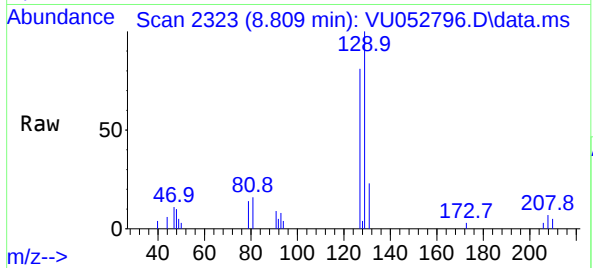
Tgt Ion: 43 Resp: 14974  
Ion Ratio Lower Upper  
43 100  
58 54.7 40.0 80.0  
57 18.3 0.6 40.6





#55  
Dibromochloromethane  
Concen: 0.823 ug/l  
RT: 8.809 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

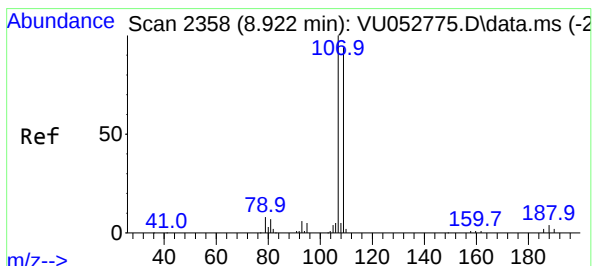
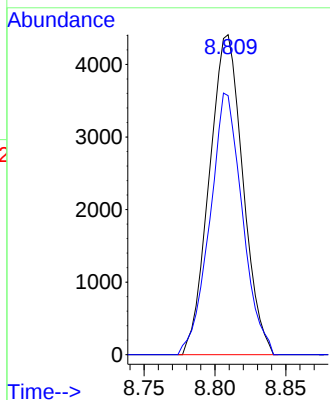
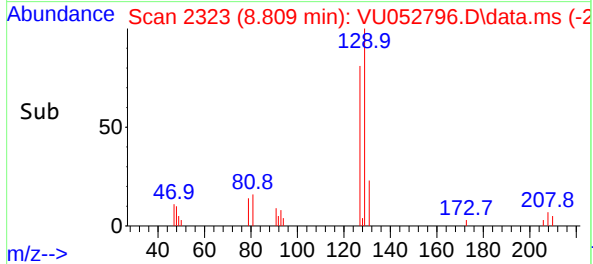
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



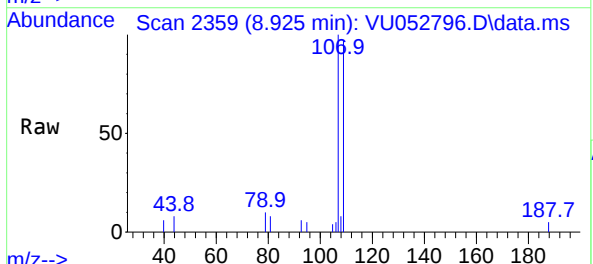
Tgt Ion:129 Resp: 7284  
Ion Ratio Lower Upper  
129 100  
127 79.1 61.5 92.3

Manual Integrations  
APPROVED

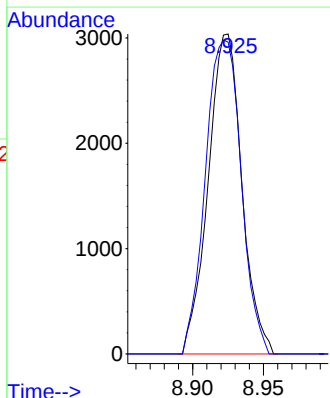
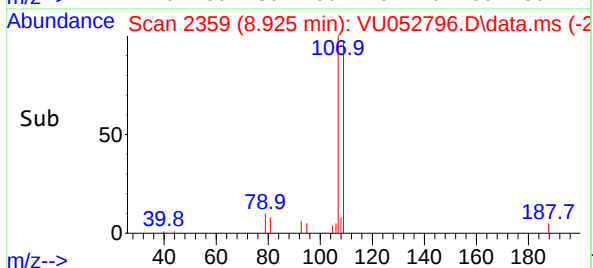
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

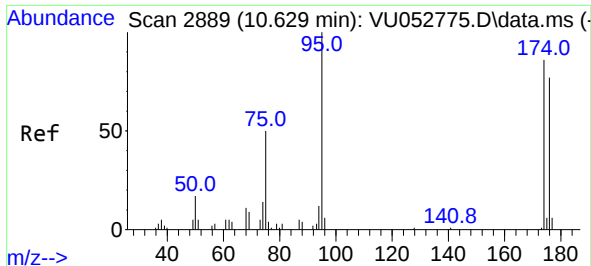


#56  
1,2-Dibromoethane  
Concen: 0.778 ug/l  
RT: 8.925 min Scan# 2359  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



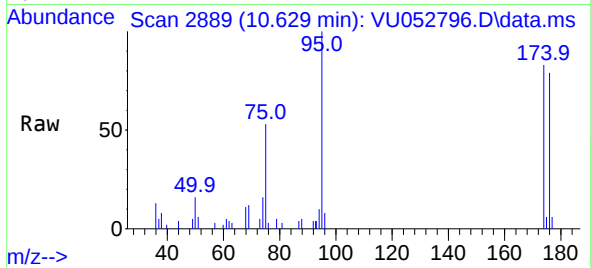
Tgt Ion:107 Resp: 5014  
Ion Ratio Lower Upper  
107 100  
109 104.3 0.0 190.4





#57  
4-Bromofluorobenzene  
Concen: 0.895 ug/l  
RT: 10.629 min Scan# 2889  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

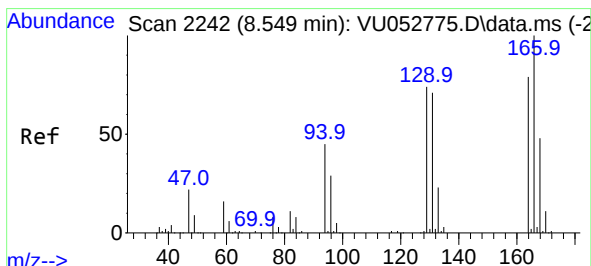
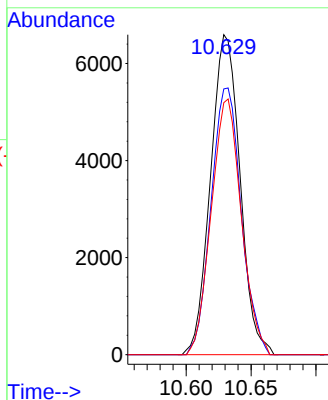
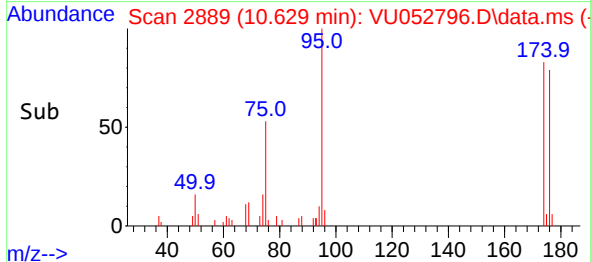
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



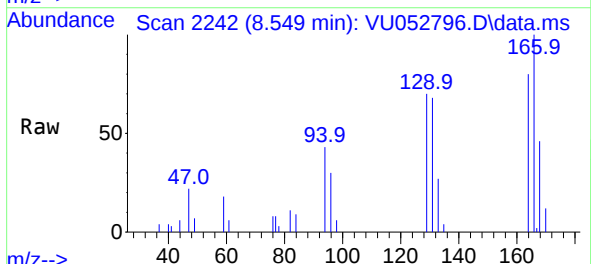
Tgt Ion: 95 Resp: 10390  
Ion Ratio Lower Upper  
95 100  
174 85.4 66.9 100.3  
176 81.5 61.9 92.9

Manual Integrations  
APPROVED

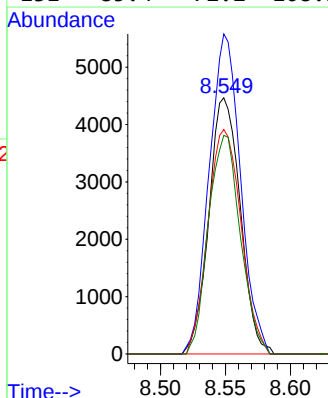
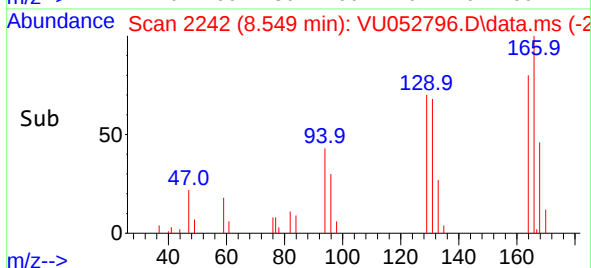
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

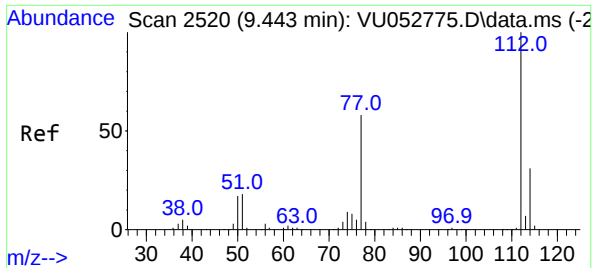


#58  
Tetrachloroethene  
Concen: 0.821 ug/l  
RT: 8.549 min Scan# 2242  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



Tgt Ion:164 Resp: 7483  
Ion Ratio Lower Upper  
164 100  
166 124.9 101.5 152.3  
129 87.7 75.2 112.8  
131 85.4 72.2 108.2





#59

Chlorobenzene

Concen: 0.766 ug/l

RT: 9.446 min Scan# 2520

Delta R.T. 0.003 min

Lab File: VU052796.D

Acq: 24 Jan 2023 17:42

Instrument :

MSVOA\_U

ClientSampleId :

RL CHECK

Tgt Ion:112 Resp: 1874

Ion Ratio Lower Upper

112 100

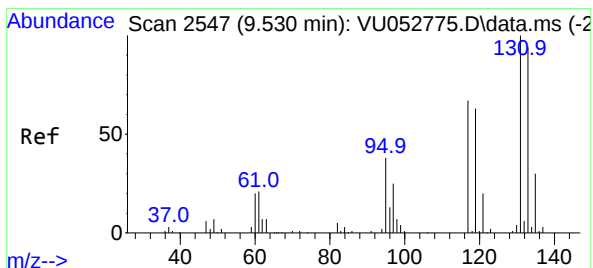
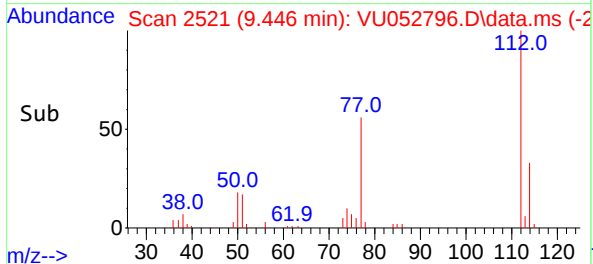
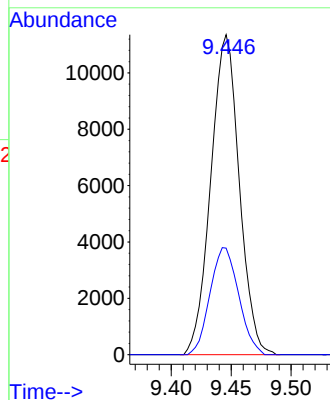
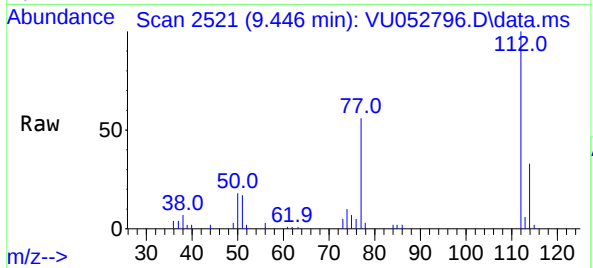
114 33.3 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#60

1,1,1,2-Tetrachloroethane

Concen: 0.888 ug/l

RT: 9.529 min Scan# 2547

Delta R.T. -0.000 min

Lab File: VU052796.D

Acq: 24 Jan 2023 17:42

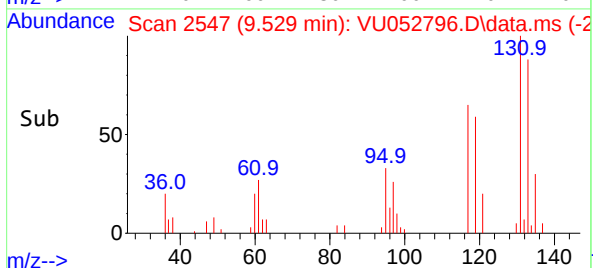
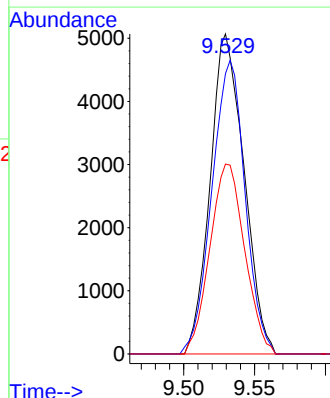
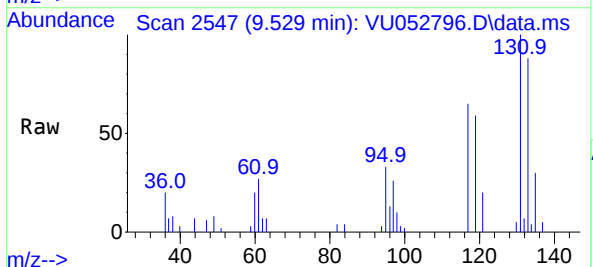
Tgt Ion:131 Resp: 8411

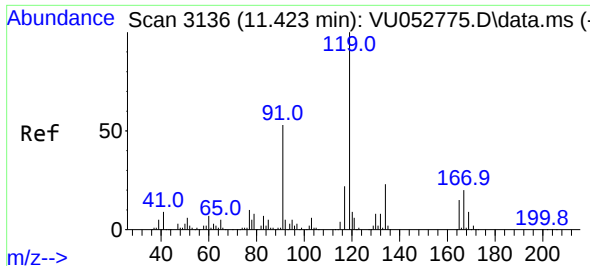
Ion Ratio Lower Upper

131 100

133 90.2 77.2 115.8

119 61.0 50.8 76.2





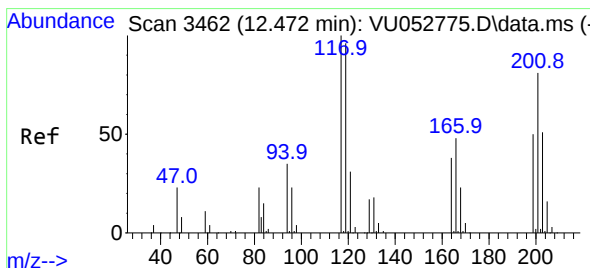
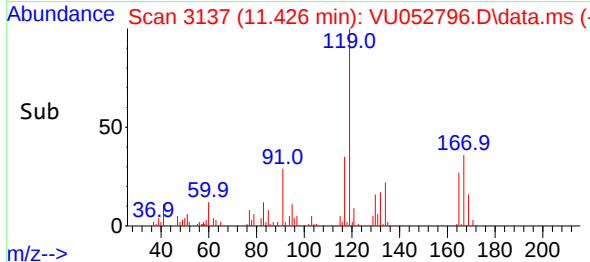
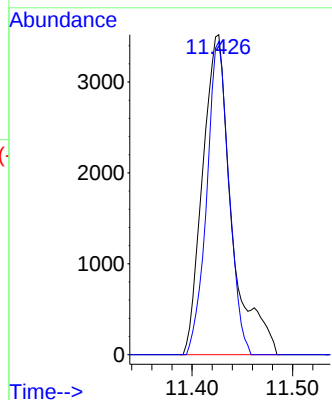
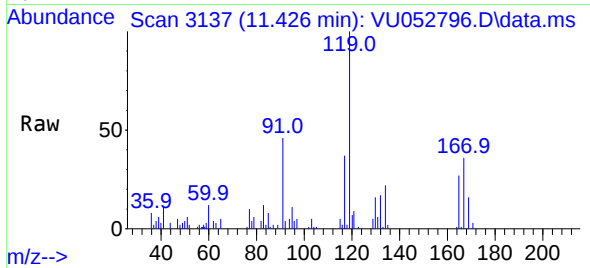
#61  
Pentachloroethane  
Concen: 0.907 ug/l  
RT: 11.426 min Scan# 3136  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK

Tgt Ion:117 Resp: 7038  
Ion Ratio Lower Upper  
117 100  
167 75.2 66.8 100.2

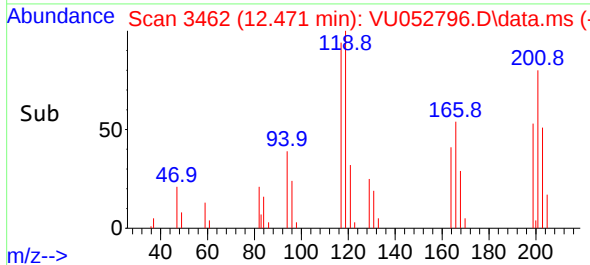
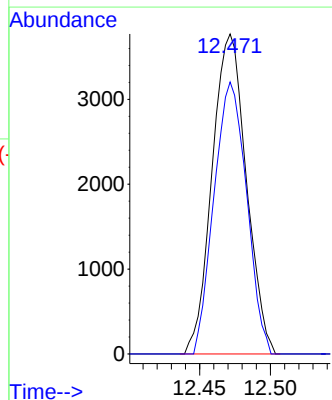
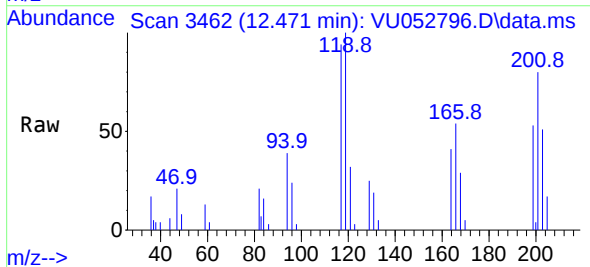
Manual Integrations  
APPROVED

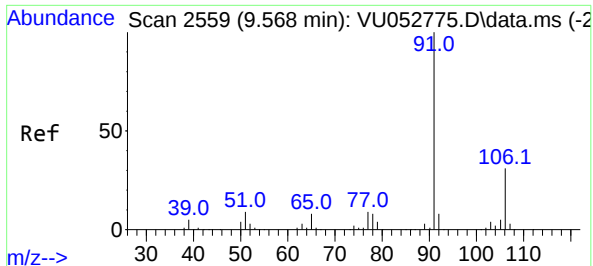
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#62  
Hexachloroethane  
Concen: 0.807 ug/l  
RT: 12.471 min Scan# 3462  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Tgt Ion:117 Resp: 6333  
Ion Ratio Lower Upper  
117 100  
201 81.0 64.6 97.0





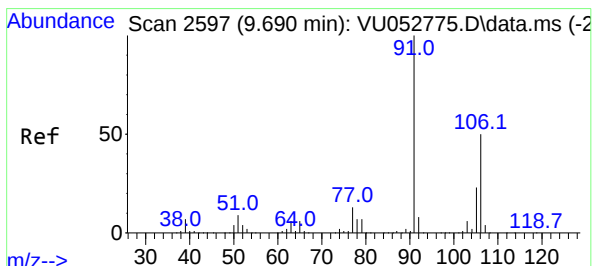
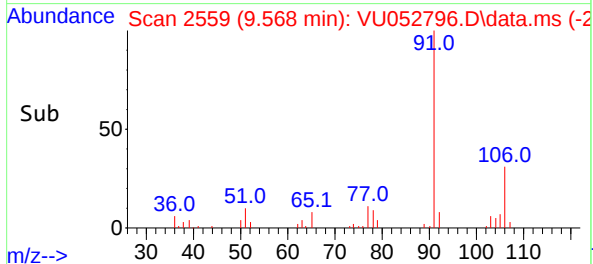
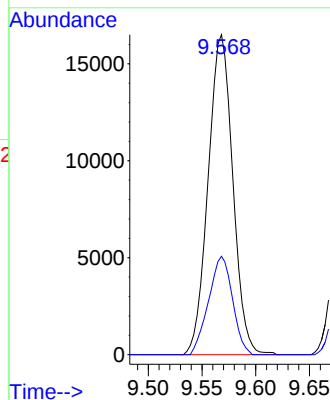
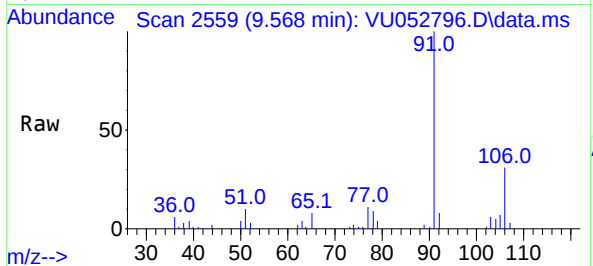
#63  
Ethyl Benzene  
Concen: 0.664 ug/l  
RT: 9.568 min Scan# 2559  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK

Tgt Ion: 91 Resp: 2632  
Ion Ratio Lower Upper  
91 100  
106 30.8 25.1 37.7

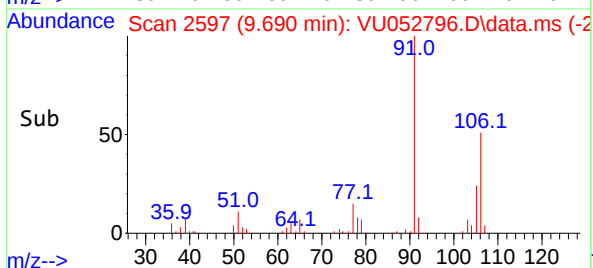
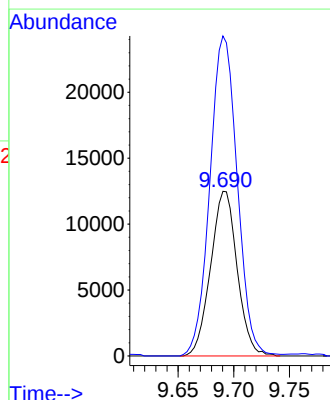
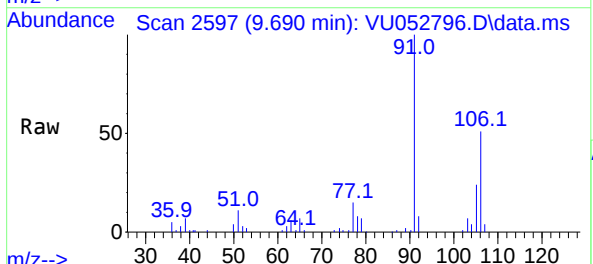
Manual Integrations  
APPROVED

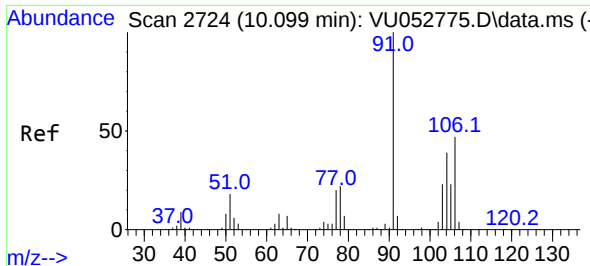
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#64  
m/p-Xylenes  
Concen: 1.309 ug/l  
RT: 9.690 min Scan# 2597  
Delta R.T. 0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Tgt Ion:106 Resp: 20694  
Ion Ratio Lower Upper  
106 100  
91 200.5 158.7 238.1





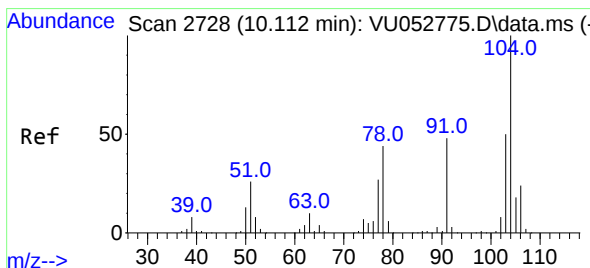
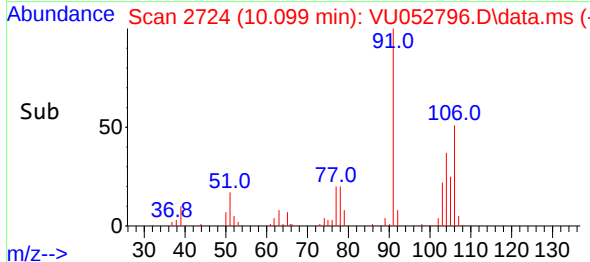
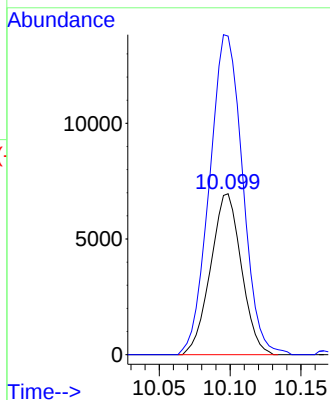
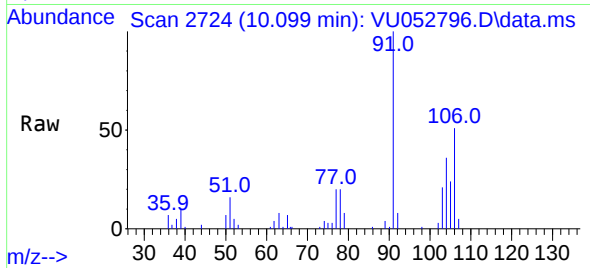
#65  
o-Xylene  
Concen: 0.691 ug/l  
RT: 10.099 min Scan# 2724  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK

Tgt Ion:106 Resp: 1054  
Ion Ratio Lower Upper  
106 100  
91 213.6 105.6 316.8

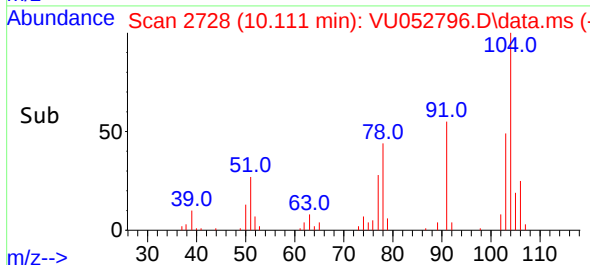
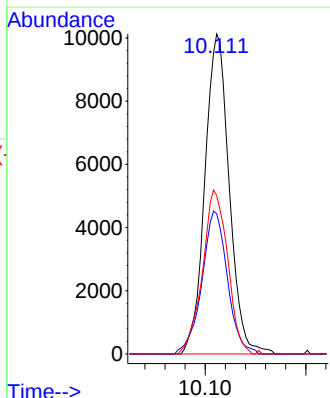
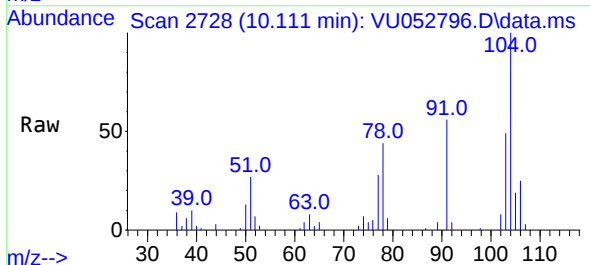
Manual Integrations  
APPROVED

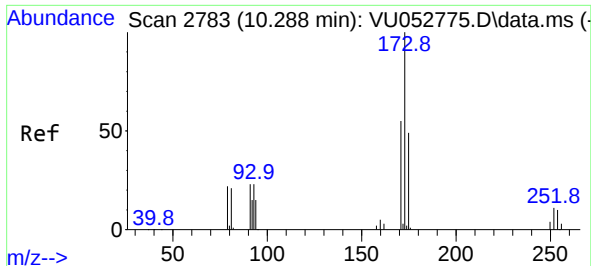
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#66  
Styrene  
Concen: 0.975 ug/l  
RT: 10.111 min Scan# 2728  
Delta R.T. -0.001 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

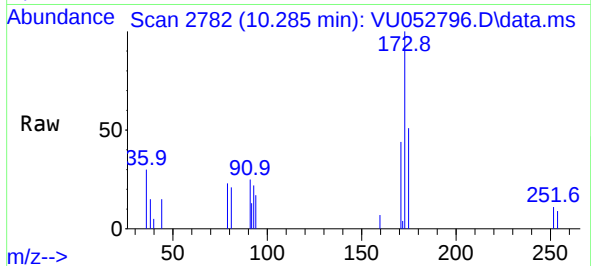
Tgt Ion:104 Resp: 17034  
Ion Ratio Lower Upper  
104 100  
78 46.5 39.6 59.4  
103 52.8 42.9 64.3





#67  
Bromoform  
Concen: 0.848 ug/l  
RT: 10.285 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

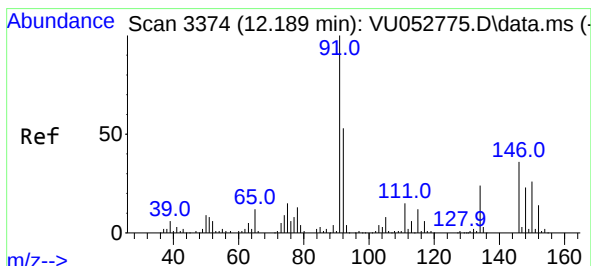
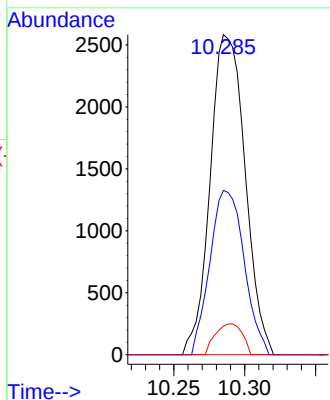
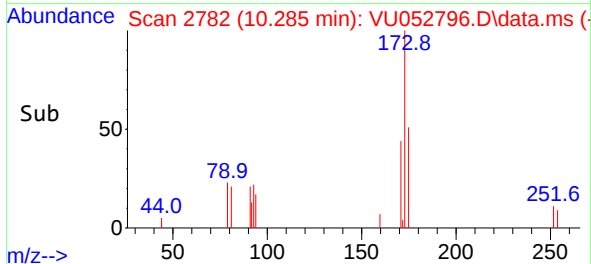
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



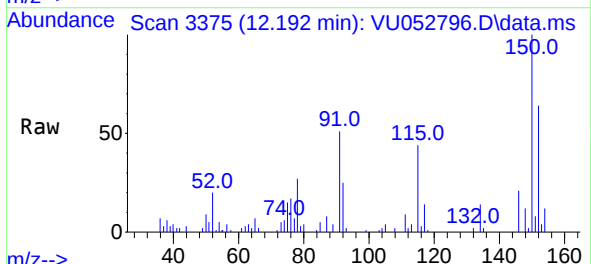
Tgt Ion:173 Resp: 4430  
Ion Ratio Lower Upper  
173 100  
175 50.2 39.5 59.3  
254 7.4 8.0 12.0

Manual Integrations  
APPROVED

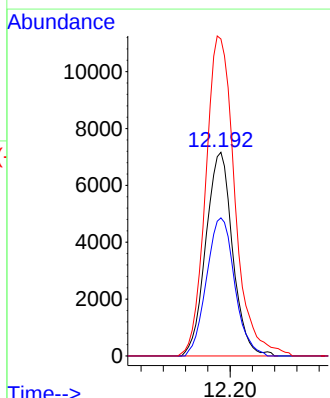
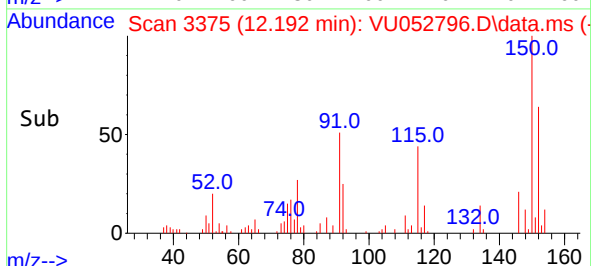
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

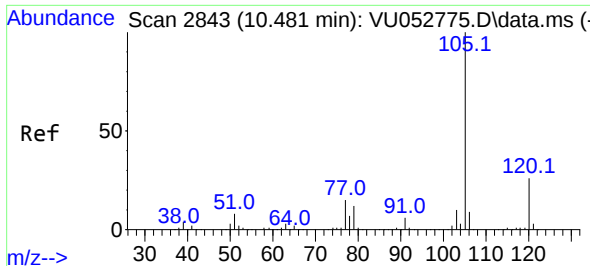


#68  
1,2-Dichlorobenzene-d4  
Concen: 1.000 ug/l  
RT: 12.192 min Scan# 3375  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



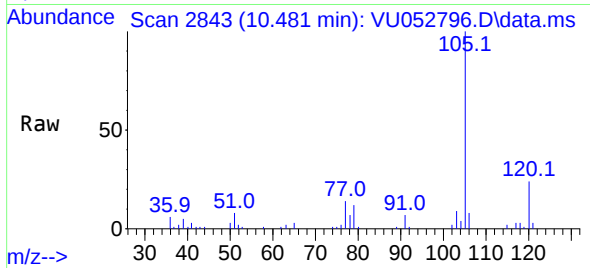
Tgt Ion:152 Resp: 11943  
Ion Ratio Lower Upper  
152 100  
115 71.3 0.0 262.6  
150 170.8 0.0 638.0





#69  
Isopropylbenzene  
Concen: 0.700 ug/l  
RT: 10.481 min Scan# 2843  
Delta R.T. 0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

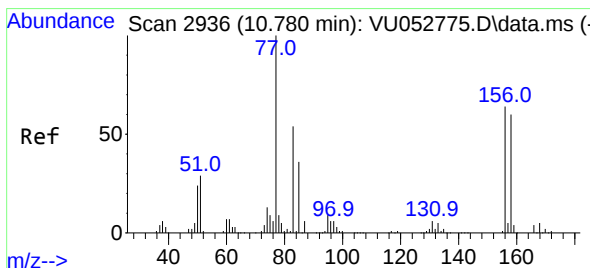
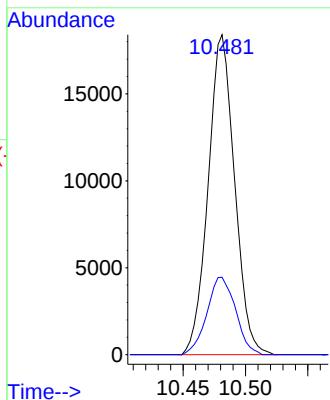
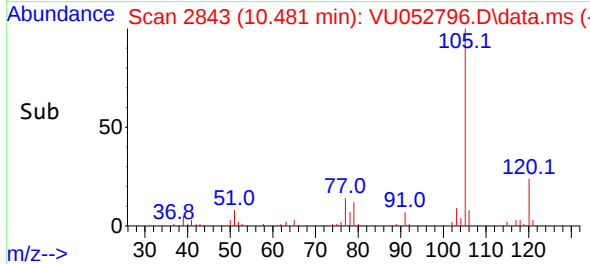
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion:105 Resp: 27190  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.3 39.9

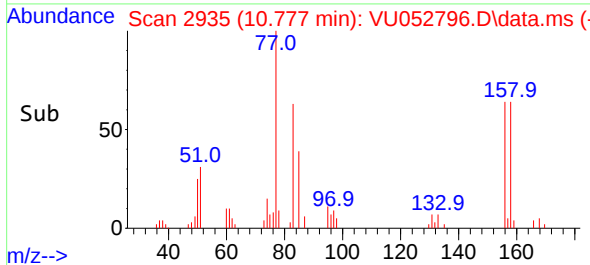
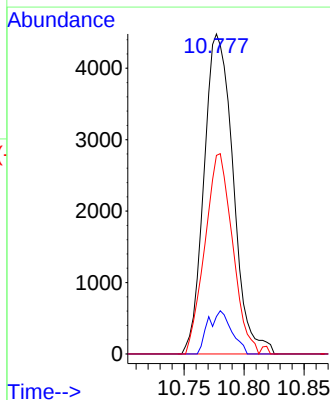
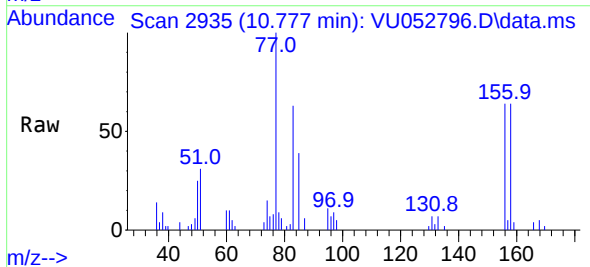
Manual Integrations  
APPROVED

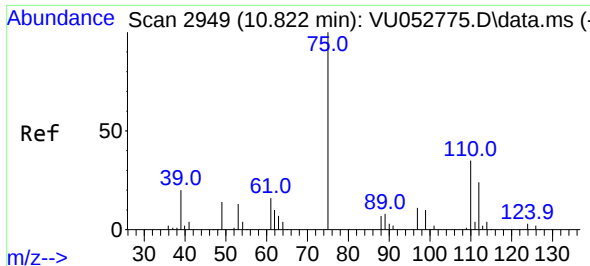
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#70  
1,1,2,2-Tetrachloroethane  
Concen: 0.896 ug/l  
RT: 10.777 min Scan# 2935  
Delta R.T. -0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

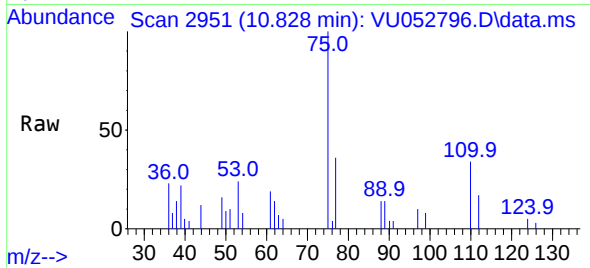
Tgt Ion: 83 Resp: 7555  
Ion Ratio Lower Upper  
83 100  
131 10.9 8.6 13.0  
85 59.5 52.6 78.8





#71  
1,2,3-Trichloropropane  
Concen: 0.954 ug/l m  
RT: 10.828 min Scan# 2949  
Delta R.T. 0.006 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK

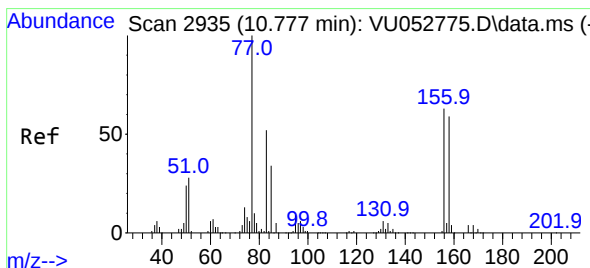
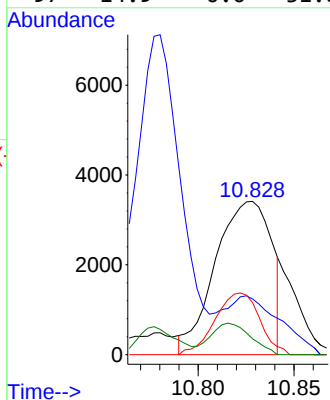
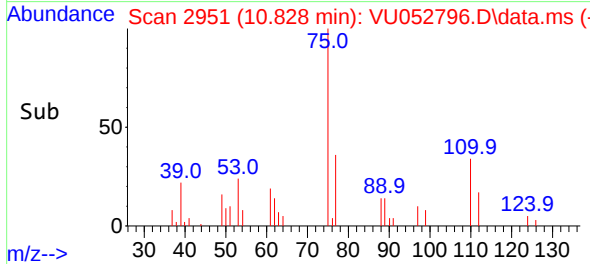


Tgt Ion: 75 Resp: 696

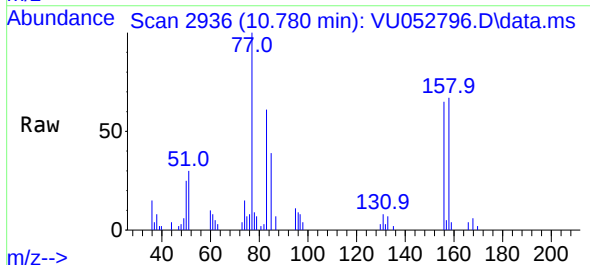
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.6  | 0.0   | 86.0  |
| 110 | 32.0  | 0.0   | 63.8  |
| 97  | 14.9  | 0.0   | 31.8  |

Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

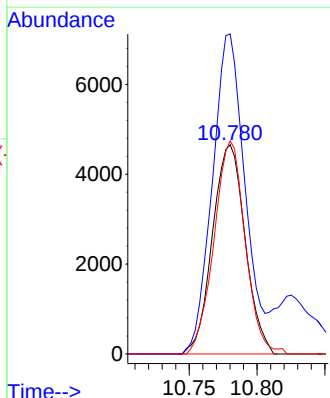
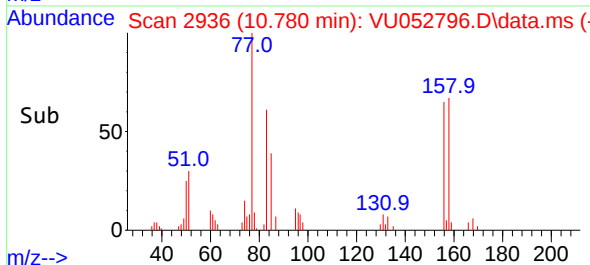


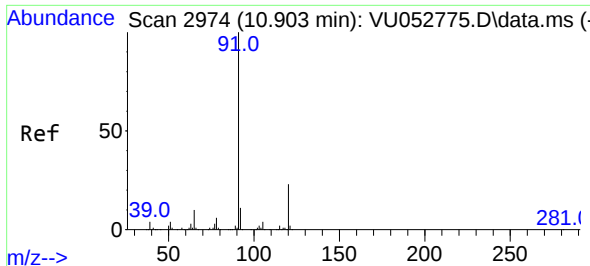
#72  
Bromobenzene  
Concen: 0.793 ug/l  
RT: 10.780 min Scan# 2936  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



Tgt Ion:156 Resp: 7816

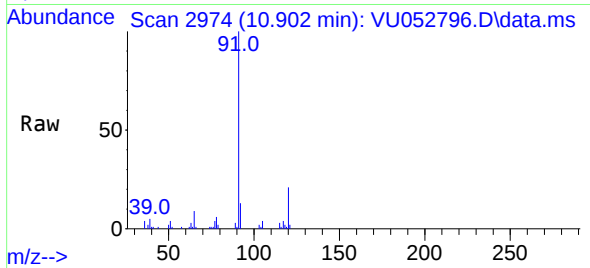
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 151.3 | 0.0   | 321.2 |
| 158 | 96.9  | 0.0   | 192.0 |





#73  
n-propylbenzene  
Concen: 0.945 ug/l  
RT: 10.902 min Scan# 2974  
Delta R.T. -0.001 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

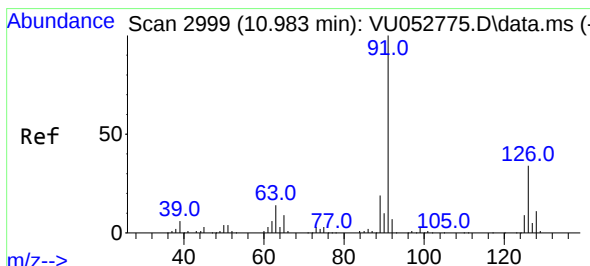
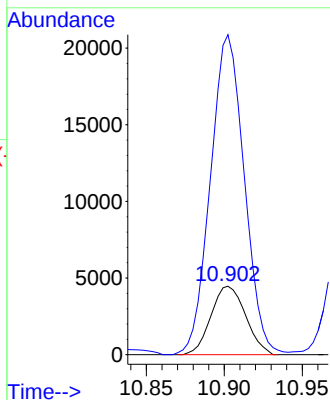
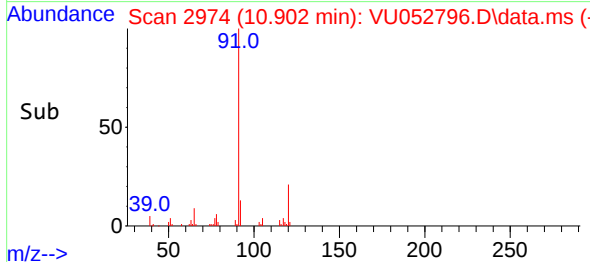
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion:120 Resp: 6918  
Ion Ratio Lower Upper  
120 100  
91 456.5 348.0 522.0

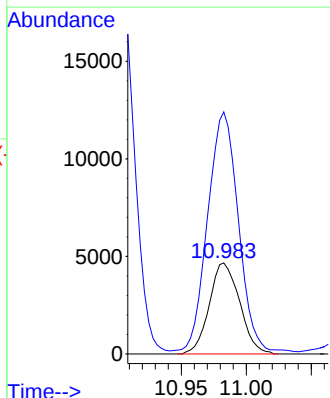
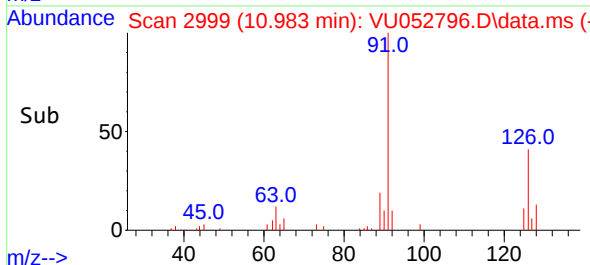
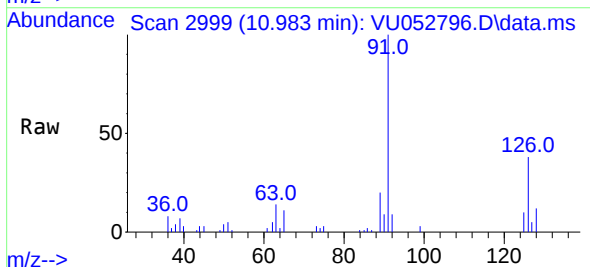
Manual Integrations  
APPROVED

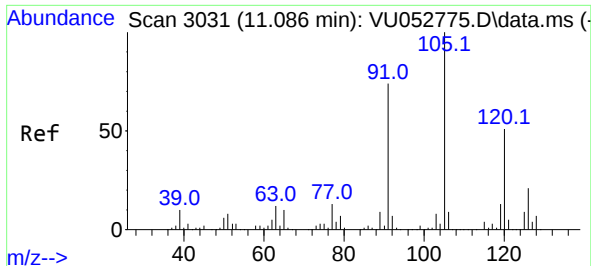
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#74  
2-Chlorotoluene  
Concen: 0.772 ug/l  
RT: 10.983 min Scan# 2999  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

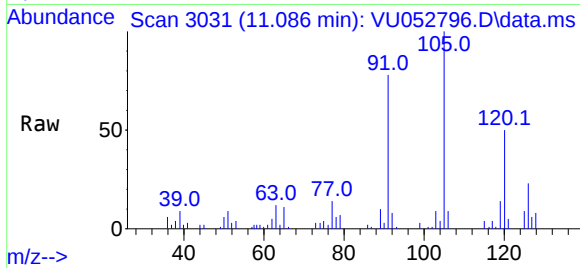
Tgt Ion:126 Resp: 7567  
Ion Ratio Lower Upper  
126 100  
91 268.4 0.0 588.6





#75  
1,3,5-Trimethylbenzene  
Concen: 0.935 ug/l  
RT: 11.086 min Scan# 3031  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

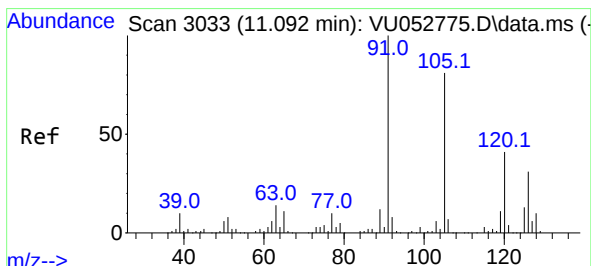
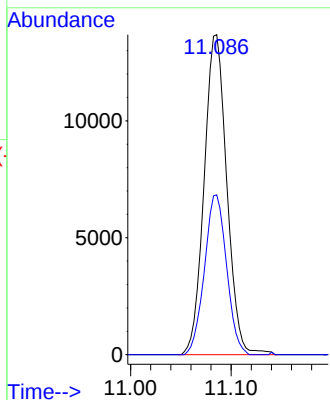
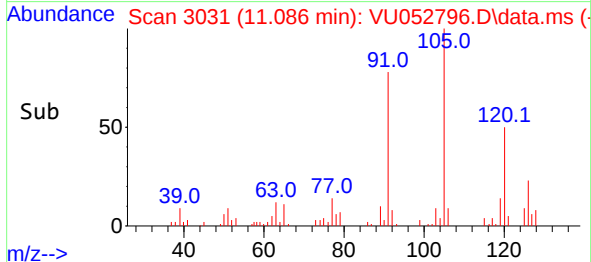
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



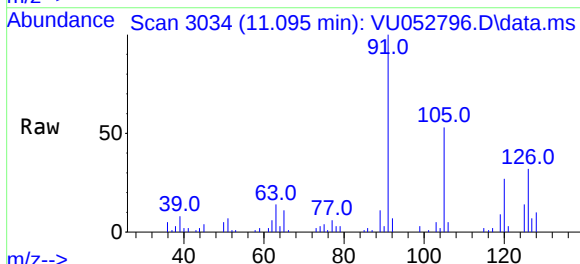
Tgt Ion:105 Resp: 2144  
Ion Ratio Lower Upper  
105 100  
120 48.6 39.9 59.9

Manual Integrations  
APPROVED

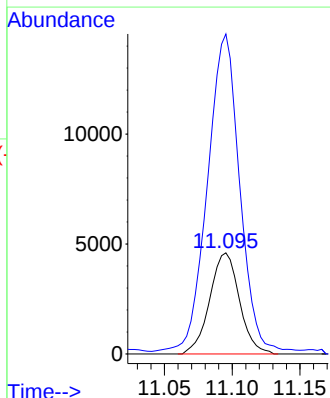
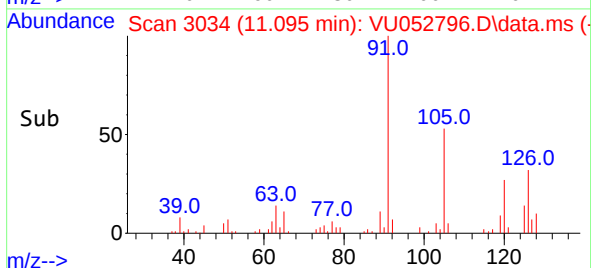
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

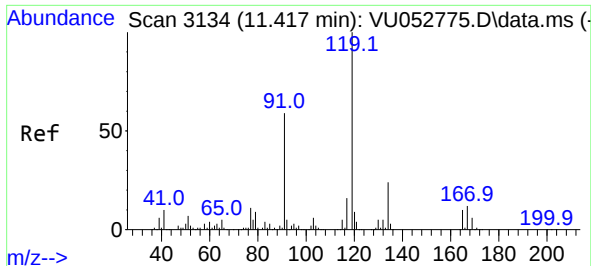


#76  
4-Chlorotoluene  
Concen: 0.696 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



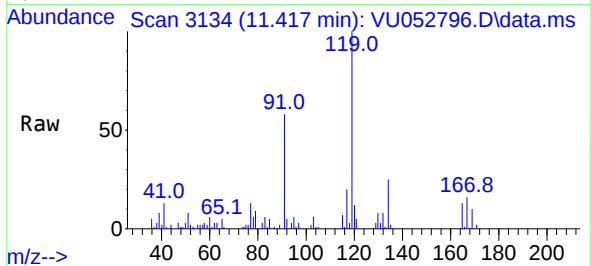
Tgt Ion:126 Resp: 7007  
Ion Ratio Lower Upper  
126 100  
91 338.3 0.0 661.8





#77  
tert-Butylbenzene  
Concen: 0.707 ug/l  
RT: 11.417 min Scan# 3134  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

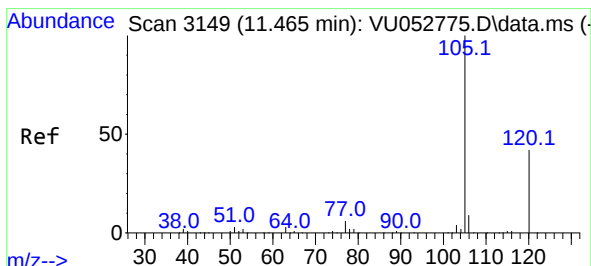
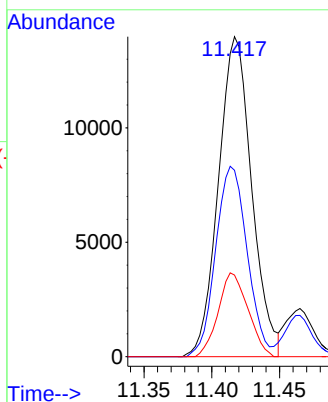
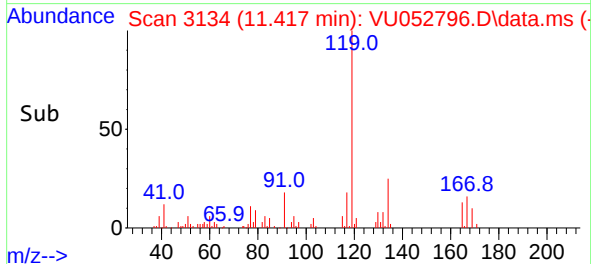
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



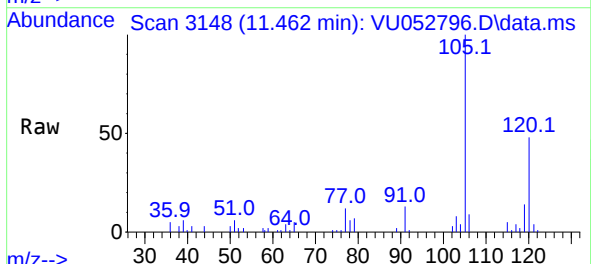
Tgt Ion:119 Resp: 23870  
Ion Ratio Lower Upper  
119 100  
91 56.2 28.4 85.3  
134 23.4 18.6 27.8

Manual Integrations  
APPROVED

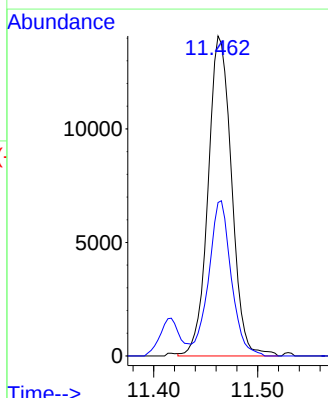
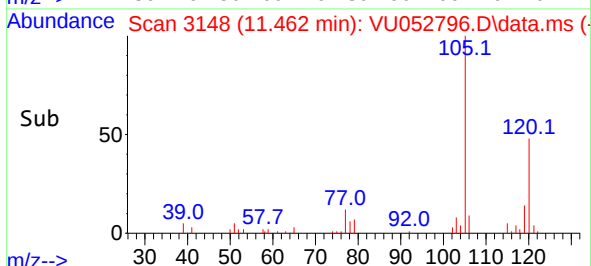
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

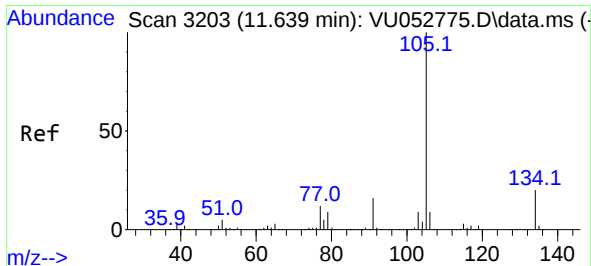


#78  
1,2,4-Trimethylbenzene  
Concen: 0.973 ug/l  
RT: 11.462 min Scan# 3148  
Delta R.T. -0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



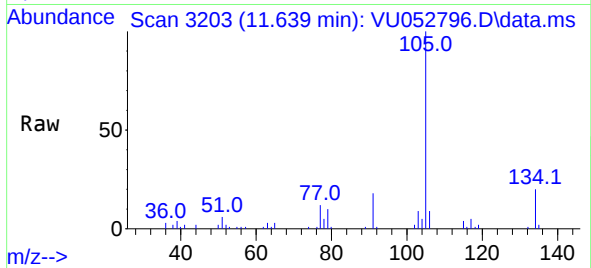
Tgt Ion:105 Resp: 22146  
Ion Ratio Lower Upper  
105 100  
120 46.5 23.4 70.3





#79  
sec-Butylbenzene  
Concen: 0.950 ug/l  
RT: 11.639 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

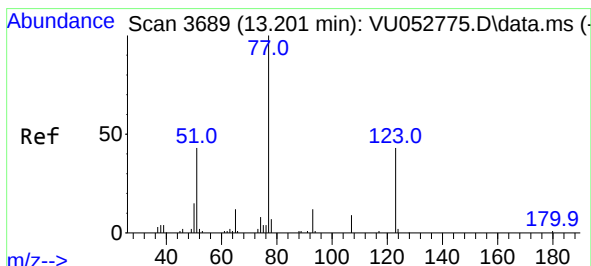
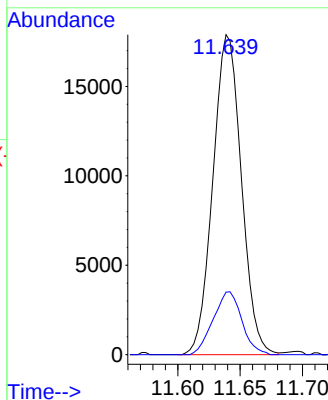
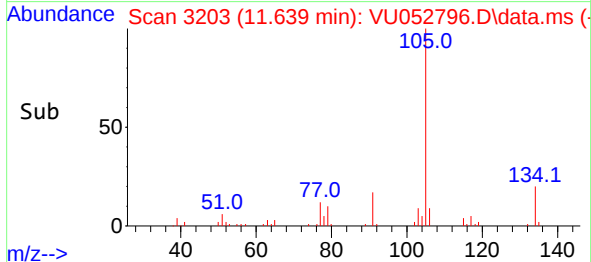
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



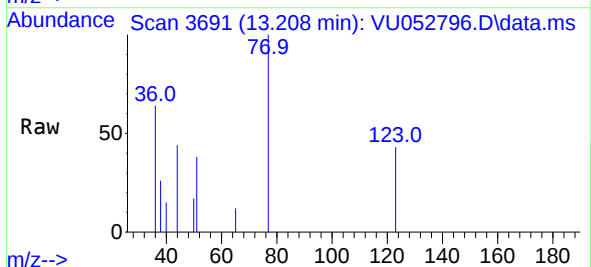
Tgt Ion:105 Resp: 28478  
Ion Ratio Lower Upper  
105 100  
134 19.8 16.5 24.7

Manual Integrations  
APPROVED

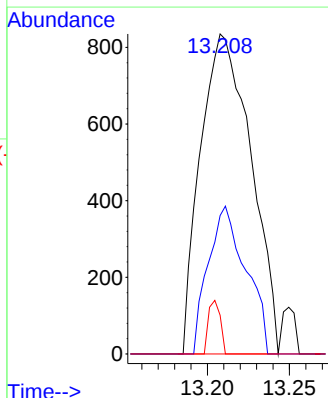
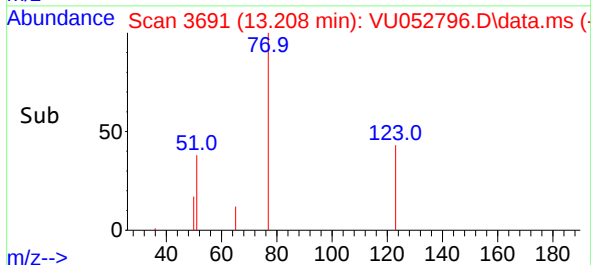
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

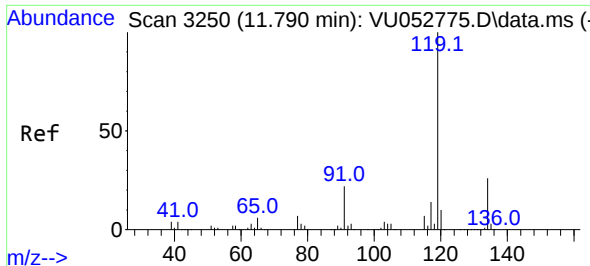


#80  
Nitrobenzene  
Concen: 3.419 ug/l  
RT: 13.208 min Scan# 3691  
Delta R.T. 0.007 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



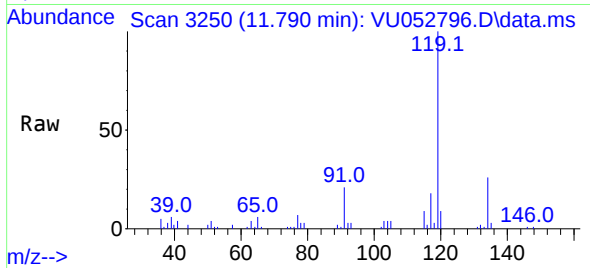
Tgt Ion: 77 Resp: 1785  
Ion Ratio Lower Upper  
77 100  
123 34.5 18.8 66.8  
65 3.9 10.1 12.9#





#81  
p-Isopropyltoluene  
Concen: 0.975 ug/l  
RT: 11.790 min Scan# 3250  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

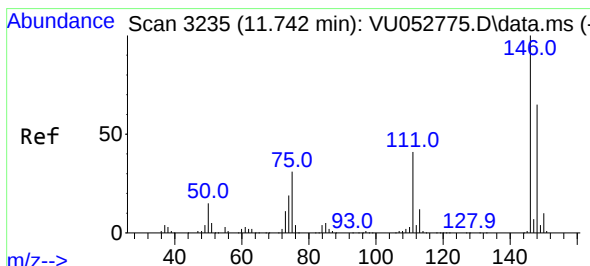
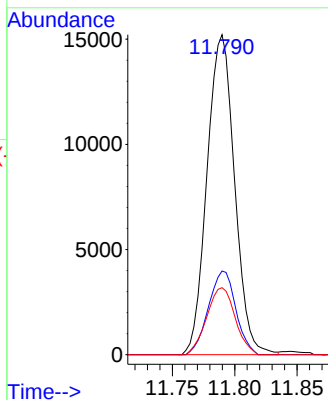
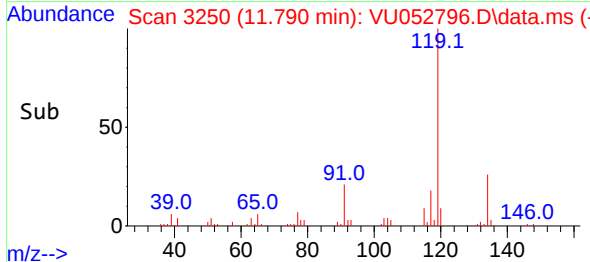
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



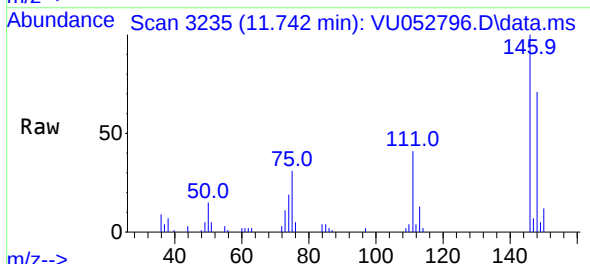
Tgt Ion:119 Resp: 23430  
Ion Ratio Lower Upper  
119 100  
134 25.9 20.7 31.1  
91 21.6 17.6 26.4

Manual Integrations  
APPROVED

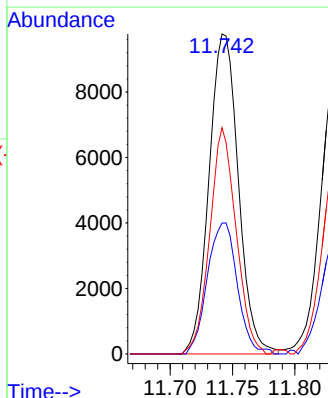
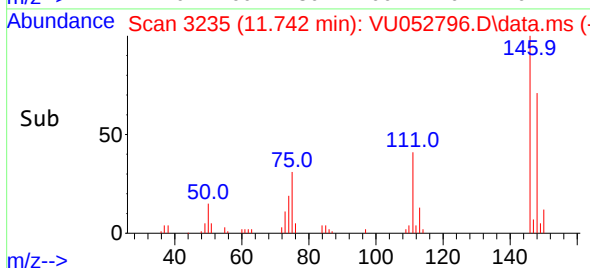
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

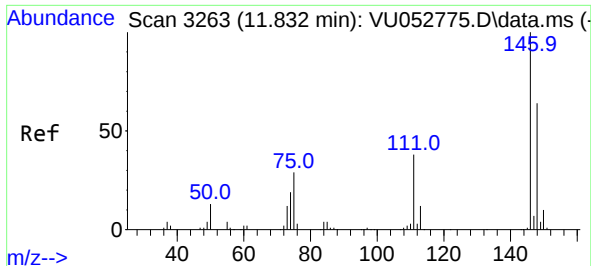


#82  
1,3-Dichlorobenzene  
Concen: 0.795 ug/l  
RT: 11.742 min Scan# 3235  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



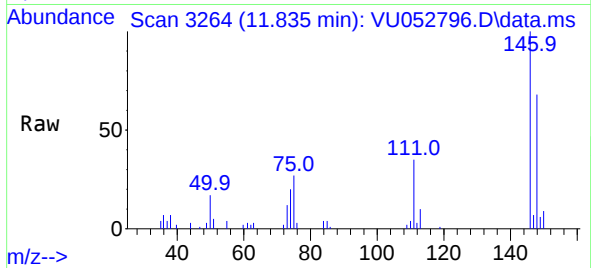
Tgt Ion:146 Resp: 16002  
Ion Ratio Lower Upper  
146 100  
111 41.8 32.6 48.8  
148 63.6 51.9 77.9





#83  
1,4-Dichlorobenzene  
Concen: 0.753 ug/l  
RT: 11.835 min Scan# 3263  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

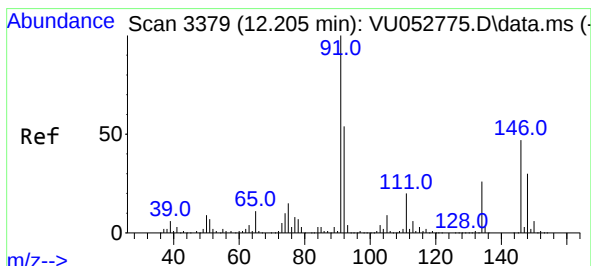
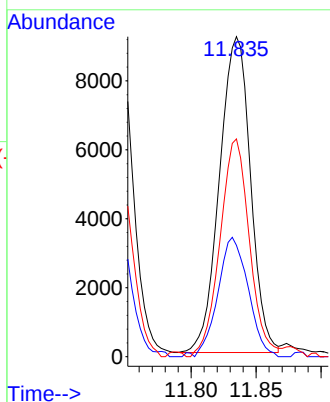
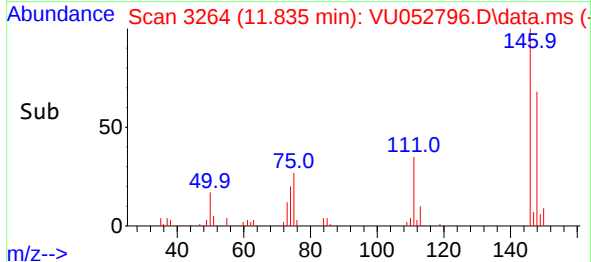
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



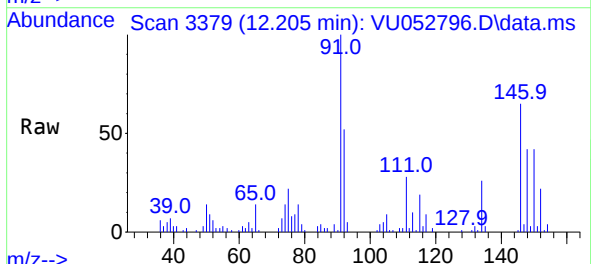
Tgt Ion:146 Resp: 15218  
Ion Ratio Lower Upper  
146 100  
111 37.0 29.5 44.3  
148 65.4 51.4 77.0

Manual Integrations  
APPROVED

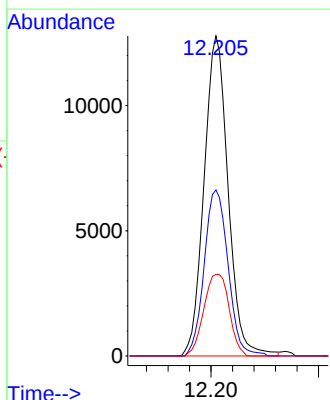
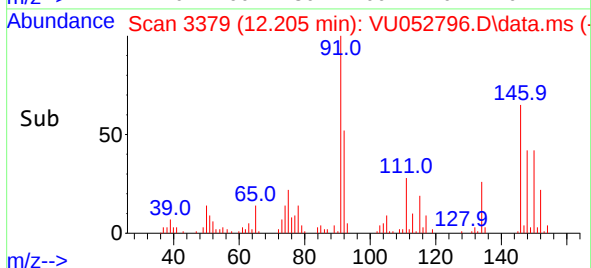
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

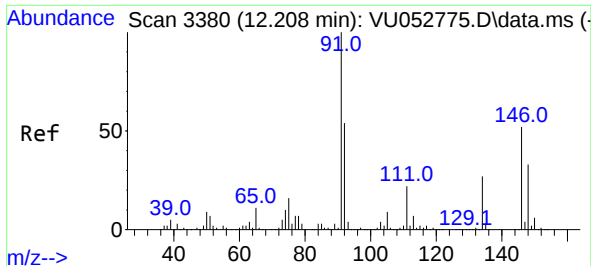


#84  
n-Butylbenzene  
Concen: 1.023 ug/l  
RT: 12.205 min Scan# 3379  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



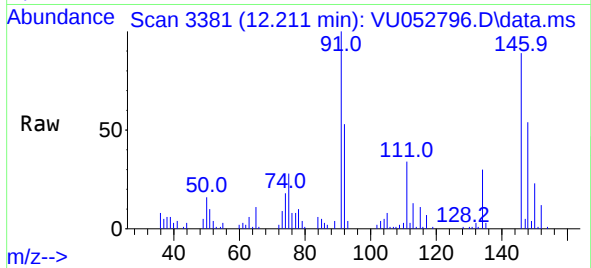
Tgt Ion: 91 Resp: 19829  
Ion Ratio Lower Upper  
91 100  
92 51.6 43.4 65.0  
134 26.9 21.2 31.8





#85  
1,2-Dichlorobenzene  
Concen: 0.780 ug/l  
RT: 12.211 min Scan# 311  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

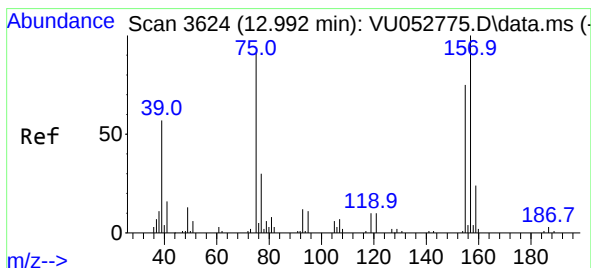
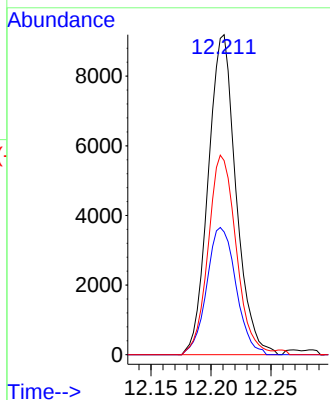
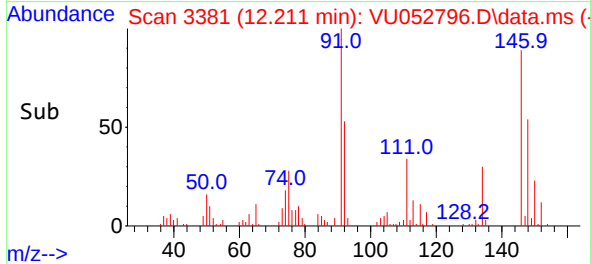
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



Tgt Ion:146 Resp: 1481  
Ion Ratio Lower Upper  
146 100  
111 41.8 20.8 62.5  
148 63.0 31.4 94.2

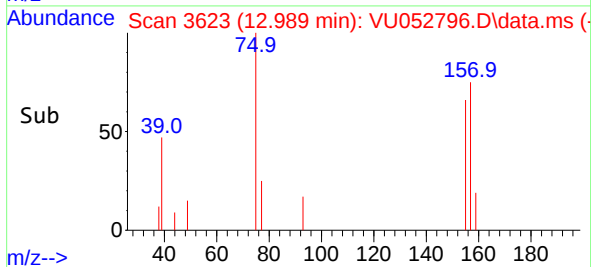
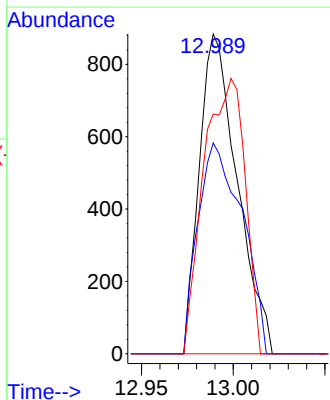
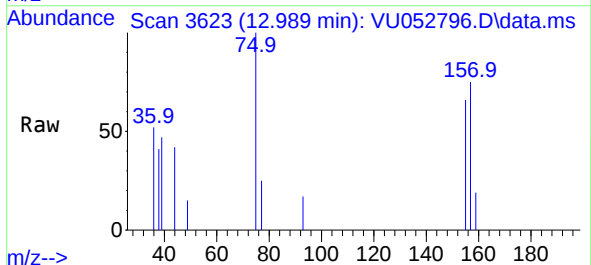
Manual Integrations  
APPROVED

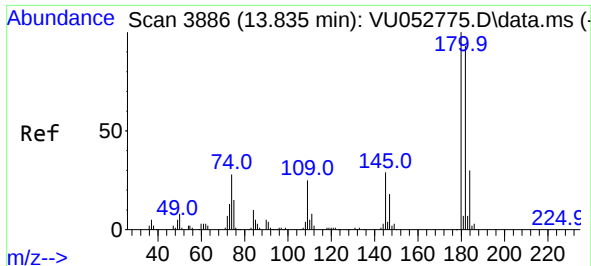
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 0.813 ug/l  
RT: 12.989 min Scan# 3623  
Delta R.T. -0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

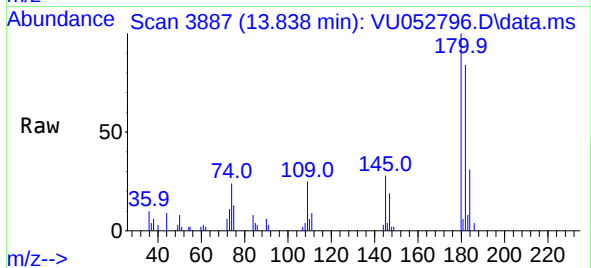
Tgt Ion: 75 Resp: 1270  
Ion Ratio Lower Upper  
75 100  
155 77.2 66.0 99.0  
157 93.6 85.9 128.9





#87  
1,2,4-Trichlorobenzene  
Concen: 0.736 ug/l  
RT: 13.838 min Scan# 3887  
Delta R.T. 0.003 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

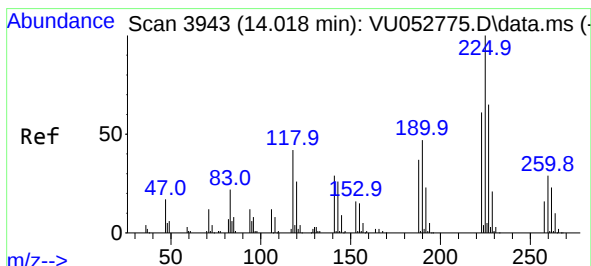
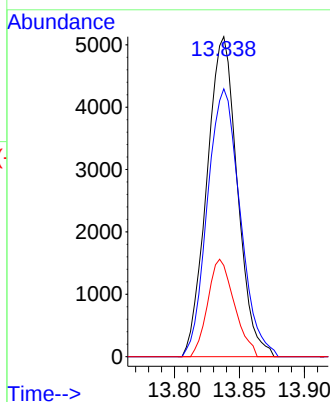
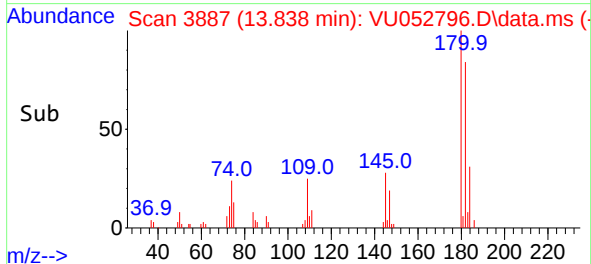
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



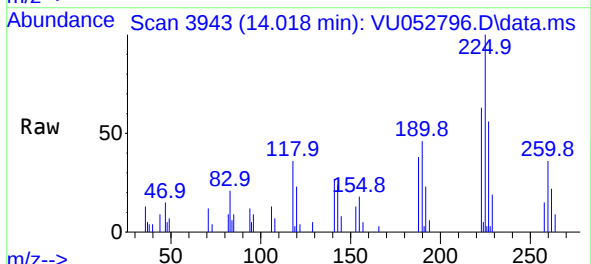
Tgt Ion:180 Resp: 838  
Ion Ratio Lower Upper  
180 100  
182 89.5 74.6 112.0  
145 26.5 23.4 35.0

Manual Integrations  
APPROVED

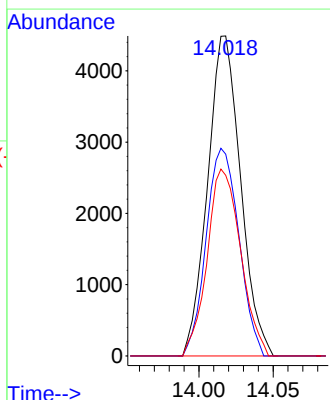
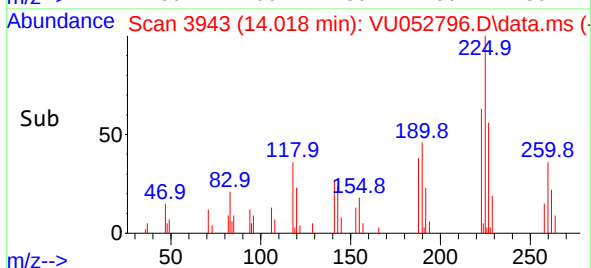
Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023

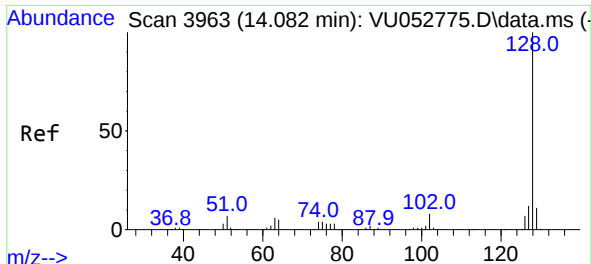


#88  
Hexachlorobutadiene  
Concen: 0.870 ug/l  
RT: 14.018 min Scan# 3943  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



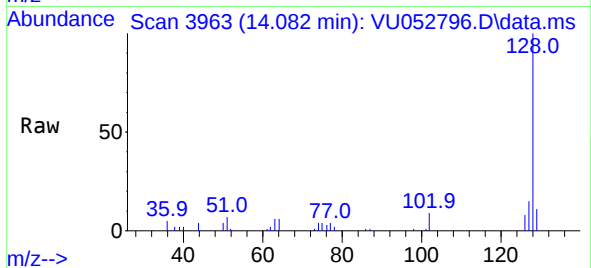
Tgt Ion:225 Resp: 6951  
Ion Ratio Lower Upper  
225 100  
223 64.2 49.8 74.6  
227 59.0 51.5 77.3





#89  
Naphthalene  
Concen: 0.835 ug/l  
RT: 14.082 min Scan# 3963  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42

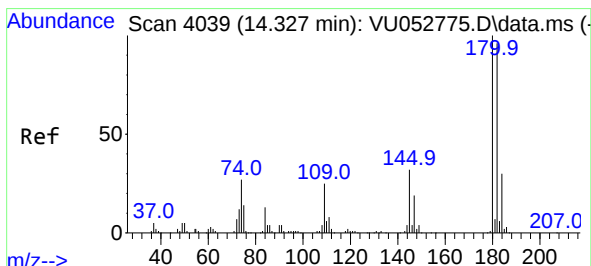
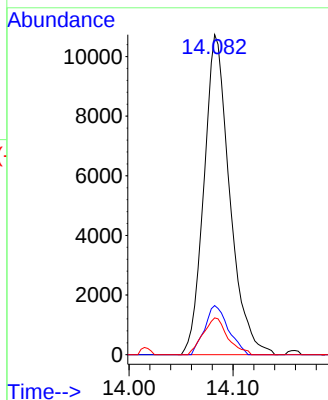
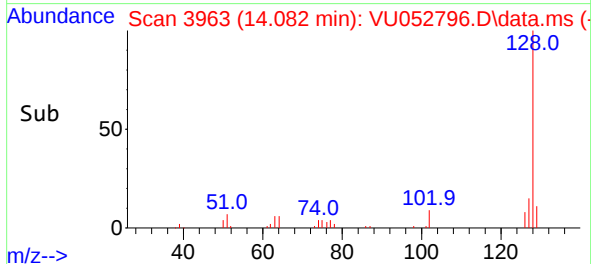
Instrument :  
MSVOA\_U  
ClientSampleId :  
RL CHECK



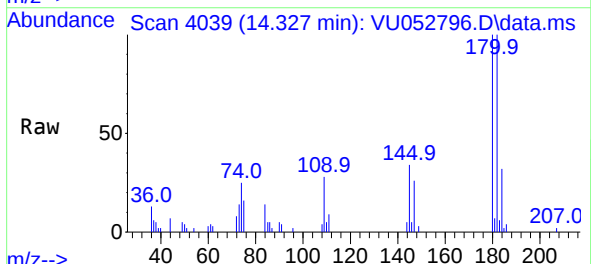
Tgt Ion:128 Resp: 18440  
Ion Ratio Lower Upper  
128 100  
127 14.1 10.2 15.4  
129 11.0 8.6 12.8

Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 01/31/2023  
Supervised By :Mahesh Dadoda 01/31/2023



#90  
1,2,3-Trichlorobenzene  
Concen: 1.035 ug/l  
RT: 14.327 min Scan# 4039  
Delta R.T. -0.000 min  
Lab File: VU052796.D  
Acq: 24 Jan 2023 17:42



Tgt Ion:180 Resp: 11196  
Ion Ratio Lower Upper  
180 100  
182 96.6 77.8 116.6  
145 33.2 25.2 37.8

