

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020124\  
 Data File : VU057771.D  
 Acq On : 01 Feb 2024 11:19  
 Operator : MD/SY  
 Sample : VU0201WBSD01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0201WBSD01

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024  
 Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 02 00:33:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U013124DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Fri Feb 02 00:27:55 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Fluorobenzene             | 6.110  | 96   | 42156    | 1.000  | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 57) 4-Bromofluorobenzene     | 10.631 | 95   | 15051    | 0.943  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 94.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.187 | 152  | 13680    | 0.952  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 95.000% |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.380  | 85   | 28332    | 2.018  | ug/l    | 96       |
| 3) Chloromethane             | 1.518  | 50   | 26819    | 1.991  | ug/l    | 100      |
| 4) Vinyl Chloride            | 1.602  | 62   | 27605    | 2.010  | ug/l    | 98       |
| 5) Bromomethane              | 1.856  | 94   | 18029    | 2.212  | ug/l    | 96       |
| 6) Chloroethane              | 1.933  | 64   | 17467    | 2.013  | ug/l    | 98       |
| 7) Trichlorofluoromethane    | 2.132  | 101  | 41122    | 1.955  | ug/l    | 96       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.576  | 101  | 21094    | 1.951  | ug/l    | 93       |
| 9) 1,1-Dichloroethene        | 2.576  | 96   | 21013    | 2.006  | ug/l    | 99       |
| 10) Iodomethane              | 2.718  | 142  | 24308    | 1.956  | ug/l    | 95       |
| 11) Allyl Chloride           | 2.917  | 41   | 29366    | 2.066  | ug/l    | 85       |
| 12) Acrylonitrile            | 3.338  | 53   | 7415     | 4.147  | ug/l    | # 89     |
| 13) Acetone                  | 2.650  | 43   | 31882    | 9.852  | ug/l    | 95       |
| 14) Carbon Disulfide         | 2.788  | 76   | 67250    | 2.005  | ug/l    | 100      |
| 15) Methylene Chloride       | 3.039  | 84   | 26283    | 2.100  | ug/l    | 95       |
| 16) trans-1,2-Dichloroethene | 3.348  | 96   | 23501    | 2.054  | ug/l    | 96       |
| 17) 1,1-Dichloroethane       | 3.859  | 63   | 43485    | 2.014  | ug/l    | 99       |
| 18) 2-Butanone               | 4.724  | 43   | 34929    | 10.015 | ug/l    | 97       |
| 19) Cyclohexane              | 5.380  | 56   | 33270    | 1.966  | ug/l    | 87       |
| 20) Methylcyclohexane        | 6.756  | 83   | 41115    | 2.010  | ug/l    | 96       |
| 21) 2,2-Dichloropropane      | 4.657  | 77   | 38151    | 1.990  | ug/l    | 99       |
| 22) cis-1,2-Dichloroethene   | 4.660  | 96   | 25115    | 2.005  | ug/l    | 96       |
| 23) Diethyl Ether            | 2.370  | 59   | 14925    | 1.974  | ug/l    | 95       |
| 24) tert-Butyl Alcohol       | 3.261  | 59   | 19673m   | 22.888 | ug/l    |          |
| 25) Methyl tert-Butyl Ether  | 3.358  | 73   | 50268    | 2.045  | ug/l    | 97       |
| 26) Bromochloromethane       | 4.972  | 128  | 9748     | 1.937  | ug/l    | 96       |
| 27) Chloroform               | 5.081  | 83   | 46116    | 2.054  | ug/l    | 98       |
| 28) 1,1,1-Trichloroethane    | 5.309  | 97   | 41103    | 2.028  | ug/l    | 99       |
| 29) 1,1-Dichloropropene      | 5.521  | 75   | 33803    | 2.061  | ug/l    | 96       |
| 30) Carbon Tetrachloride     | 5.515  | 117  | 34716    | 1.988  | ug/l    | 96       |
| 31) Isopropyl Ether          | 3.981  | 45   | 63589    | 2.012  | ug/l    | 96       |
| 32) Ethyl-t-butyl ether      | 4.493  | 59   | 58027    | 1.978  | ug/l    | 98       |
| 33) Tert-Amyl methyl ether   | 5.933  | 73   | 49398    | 2.000  | ug/l    | 98       |
| 34) Propionitrile            | 4.814  | 54   | 7084     | 9.800  | ug/l    | # 3      |
| 35) Benzene                  | 5.769  | 78   | 93823    | 1.987  | ug/l    | 98       |
| 36) 1,2-Dichloroethane       | 5.792  | 62   | 28250    | 2.053  | ug/l    | 97       |
| 37) Trichloroethene          | 6.537  | 130  | 25564    | 2.039  | ug/l    | 97       |
| 38) 1,2-Dichloropropane      | 6.785  | 63   | 25262    | 2.063  | ug/l    | 99       |
| 39) Methacrylonitrile        | 4.978  | 41   | 5714     | 1.983  | ug/l    | 95       |
| 40) Methyl acrylate          | 4.862  | 55   | 8676     | 2.049  | ug/l    | # 78     |
| 41) Tetrahydrofuran          | 5.065  | 42   | 6062     | 3.941  | ug/l    | 98       |
| 42) 1-Chlorobutane           | 5.451  | 56   | 44958    | 2.079  | ug/l    | 99       |
| 43) Dibromomethane           | 6.914  | 93   | 11466    | 2.036  | ug/l    | 96       |
| 44) Bromodichloromethane     | 7.100  | 83   | 31352    | 1.989  | ug/l    | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020124\  
 Data File : VU057771.D  
 Acq On : 01 Feb 2024 11:19  
 Operator : MD/SY  
 Sample : VU0201WBSD01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0201WBSD01

Manual Integrations  
 APPROVED

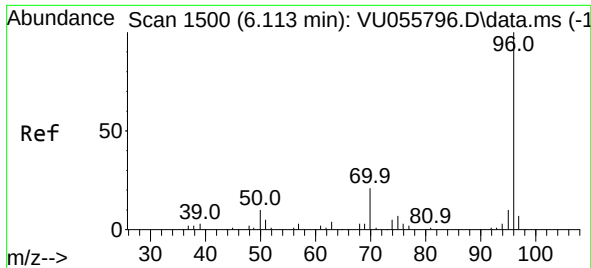
Reviewed By :Semsettin Yesilyurt 02/08/2024  
 Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 02 00:33:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U013124DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Fri Feb 02 00:27:55 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.788  | 43   | 59649    | 9.940  | ug/l   | 98       |
| 46) t-1,4-Dichloro-2-butene   | 10.833 | 75   | 6544m    | 4.617  | ug/l   |          |
| 47) Methyl methacrylate       | 6.959  | 69   | 19334    | 3.887  | ug/l # | 90       |
| 48) Ethyl methacrylate        | 8.332  | 69   | 18645    | 1.870  | ug/l   | 96       |
| 49) Toluene                   | 7.965  | 92   | 58037    | 2.012  | ug/l   | 98       |
| 50) t-1,3-Dichloropropene     | 8.206  | 75   | 27104    | 1.991  | ug/l   | 97       |
| 51) cis-1,3-Dichloropropene   | 7.602  | 75   | 33941    | 1.969  | ug/l # | 91       |
| 52) 1,1,2-Trichloroethane     | 8.396  | 97   | 15326    | 1.975  | ug/l   | 95       |
| 53) 1,3-Dichloropropane       | 8.570  | 76   | 28009    | 2.008  | ug/l   | 99       |
| 54) 2-Hexanone                | 8.685  | 43   | 55593    | 10.063 | ug/l   | 97       |
| 55) Dibromochloromethane      | 8.804  | 129  | 18399    | 1.916  | ug/l   | 100      |
| 56) 1,2-Dibromoethane         | 8.920  | 107  | 14132    | 1.979  | ug/l   | 95       |
| 58) Tetrachloroethene         | 8.547  | 164  | 22763    | 2.057  | ug/l   | 94       |
| 59) Chlorobenzene             | 9.444  | 112  | 64021    | 2.007  | ug/l   | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.528  | 131  | 20965    | 1.936  | ug/l   | 98       |
| 61) Pentachloroethane         | 11.422 | 117  | 14838    | 1.885  | ug/l   | 88       |
| 62) Hexachloroethane          | 12.470 | 117  | 15811    | 1.948  | ug/l   | 94       |
| 63) Ethyl Benzene             | 9.563  | 91   | 111657   | 1.969  | ug/l   | 98       |
| 64) m/p-Xylenes               | 9.688  | 106  | 81309    | 3.947  | ug/l   | 97       |
| 65) o-Xylene                  | 10.097 | 106  | 40240    | 1.973  | ug/l   | 93       |
| 66) Styrene                   | 10.110 | 104  | 57881    | 1.902  | ug/l   | 95       |
| 67) Bromoform                 | 10.287 | 173  | 9789     | 1.980  | ug/l   | 96       |
| 69) Isopropylbenzene          | 10.479 | 105  | 103474   | 1.936  | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.775 | 83   | 18552    | 1.908  | ug/l   | 100      |
| 71) 1,2,3-Trichloropropane    | 10.820 | 75   | 14913m   | 1.857  | ug/l   |          |
| 72) Bromobenzene              | 10.778 | 156  | 22966    | 1.952  | ug/l   | 81       |
| 73) n-propylbenzene           | 10.901 | 120  | 25077    | 1.867  | ug/l   | 97       |
| 74) 2-Chlorotoluene           | 10.981 | 126  | 25006    | 2.007  | ug/l   | 99       |
| 75) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 90295    | 1.966  | ug/l   | 98       |
| 76) 4-Chlorotoluene           | 11.094 | 126  | 24341    | 1.944  | ug/l   | 95       |
| 77) tert-Butylbenzene         | 11.415 | 119  | 81804    | 1.898  | ug/l   | 98       |
| 78) 1,2,4-Trimethylbenzene    | 11.463 | 105  | 90643    | 1.946  | ug/l   | 99       |
| 79) sec-Butylbenzene          | 11.637 | 105  | 108164   | 1.964  | ug/l   | 99       |
| 80) Nitrobenzene              | 13.222 | 77   | 2134     | 11.181 | ug/l # | 87       |
| 81) p-Isopropyltoluene        | 11.788 | 119  | 91701    | 1.975  | ug/l   | 97       |
| 82) 1,3-Dichlorobenzene       | 11.740 | 146  | 44707    | 1.880  | ug/l   | 97       |
| 83) 1,4-Dichlorobenzene       | 11.833 | 146  | 45972    | 1.980  | ug/l   | 98       |
| 84) n-Butylbenzene            | 12.203 | 91   | 88264    | 1.988  | ug/l   | 99       |
| 85) 1,2-Dichlorobenzene       | 12.209 | 146  | 41822    | 1.938  | ug/l   | 97       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.994 | 75   | 2422     | 1.842  | ug/l   | 98       |
| 87) 1,2,4-Trichlorobenzene    | 13.836 | 180  | 25277    | 1.960  | ug/l   | 98       |
| 88) Hexachlorobutadiene       | 14.013 | 225  | 16411    | 1.984  | ug/l   | 99       |
| 89) Naphthalene               | 14.087 | 128  | 37782    | 1.898  | ug/l   | 98       |
| 90) 1,2,3-Trichlorobenzene    | 14.325 | 180  | 20889    | 1.947  | ug/l   | 99       |

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





#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.110 min Scan# 1499  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

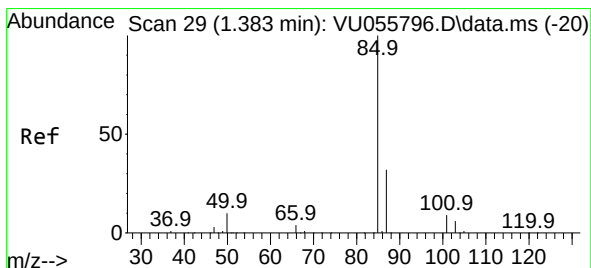
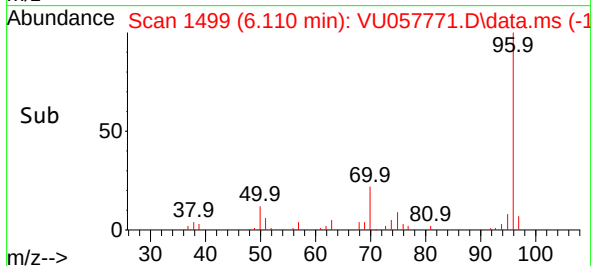
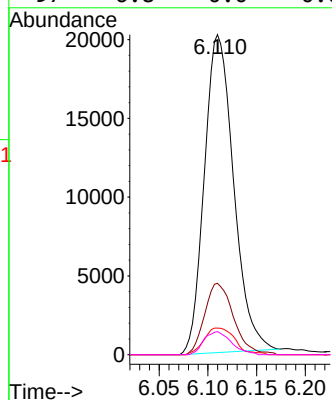
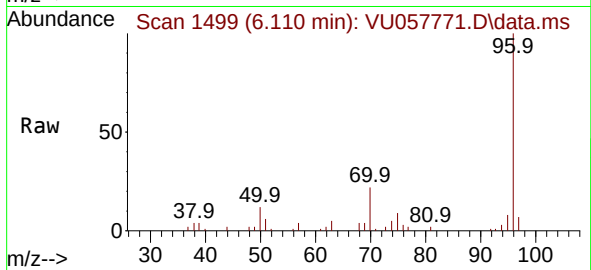
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01

Tgt Ion: 96 Resp: 42150

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 70  | 22.2  | 16.5  | 24.7  |
| 95  | 8.9   | 7.4   | 11.0  |
| 97  | 6.8   | 0.0   | 0.0   |

Manual Integrations  
APPROVED

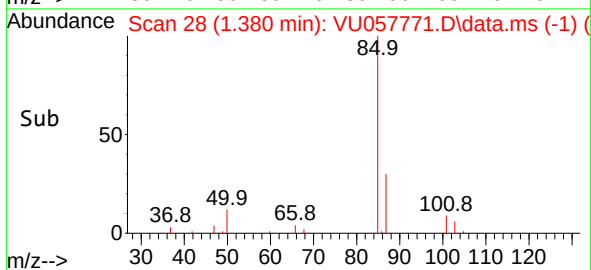
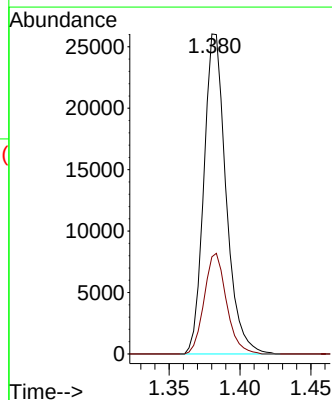
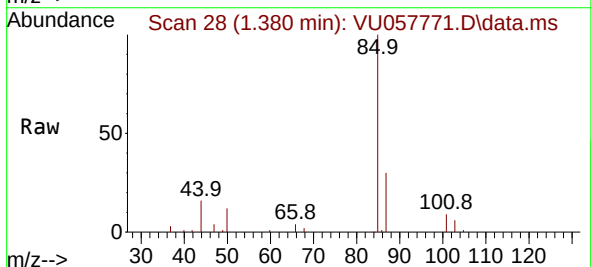
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024

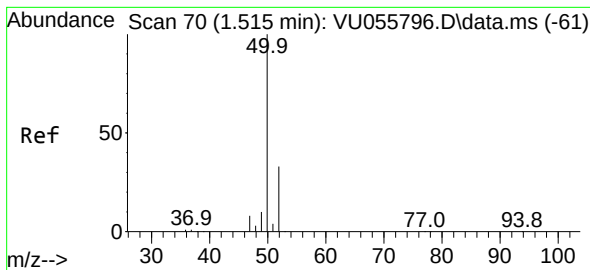


#2  
Dichlorodifluoromethane  
Concen: 2.018 ug/l  
RT: 1.380 min Scan# 28  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion: 85 Resp: 28332

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 85  | 100   |       |       |
| 87  | 30.3  | 16.2  | 48.6  |





#3

Chloromethane

Concen: 1.991 ug/l

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0201WBSD01

Tgt Ion: 50 Resp: 26819

Ion Ratio Lower Upper

50 100

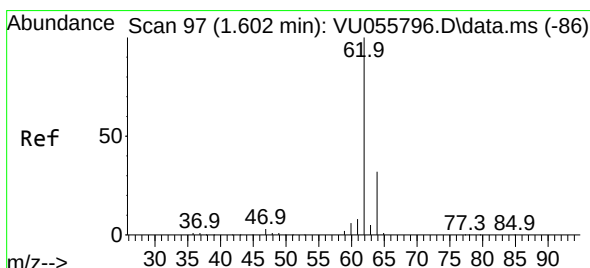
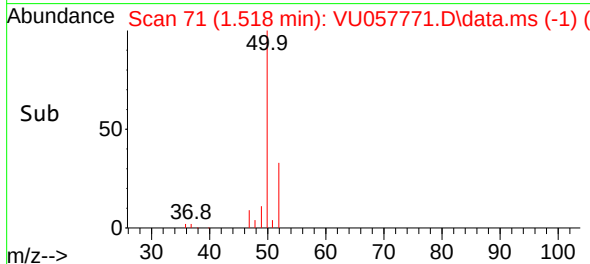
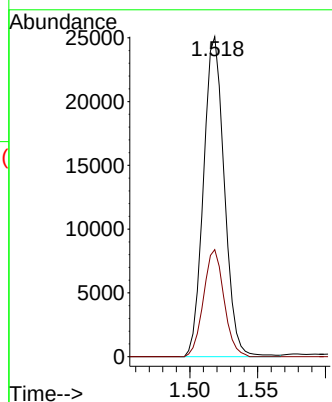
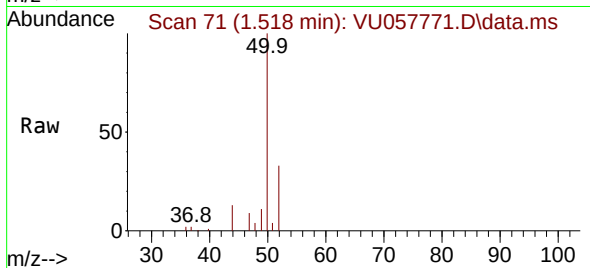
52 33.5 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#4

Vinyl Chloride

Concen: 2.010 ug/l

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU057771.D

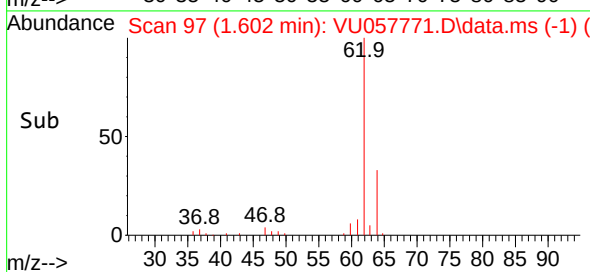
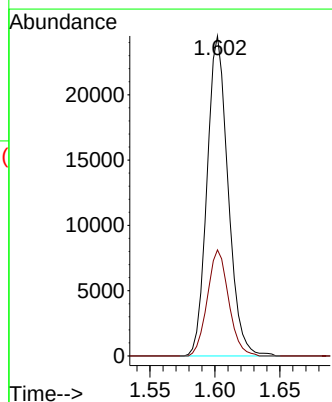
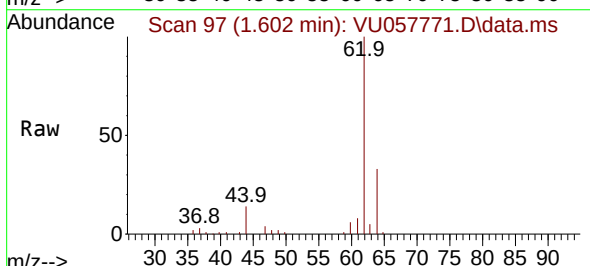
Acq: 01 Feb 2024 11:19

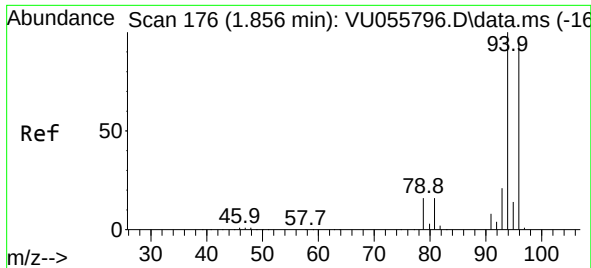
Tgt Ion: 62 Resp: 27605

Ion Ratio Lower Upper

62 100

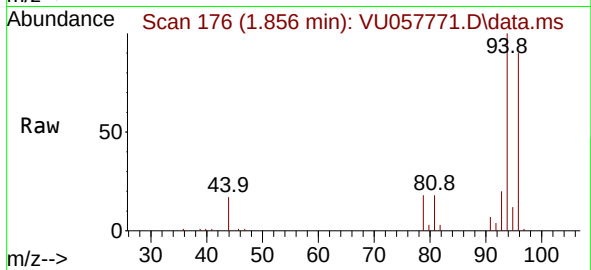
64 33.2 25.4 38.2





#5  
Bromomethane  
Concen: 2.212 ug/l  
RT: 1.856 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

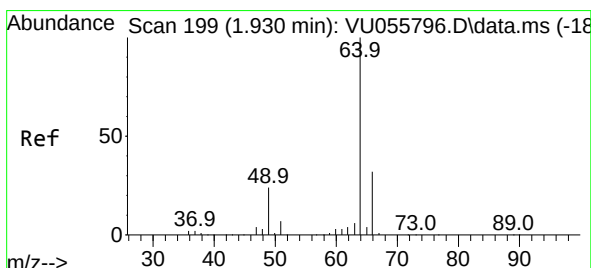
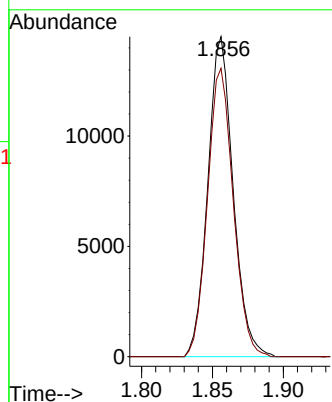
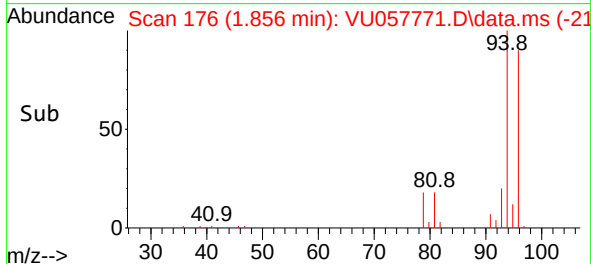
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



Tgt Ion: 94 Resp: 18029  
Ion Ratio Lower Upper  
94 100  
96 90.1 75.4 113.2

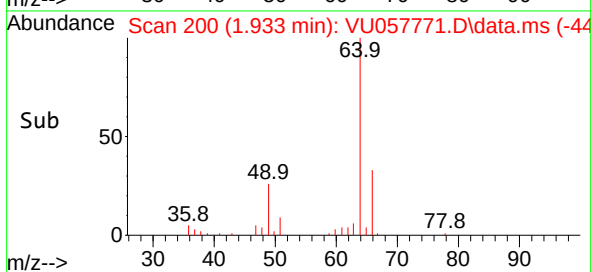
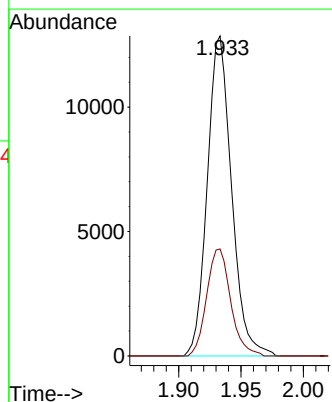
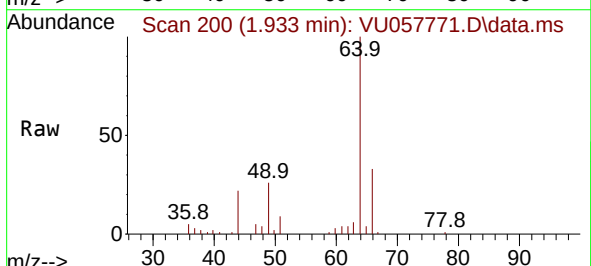
Manual Integrations  
APPROVED

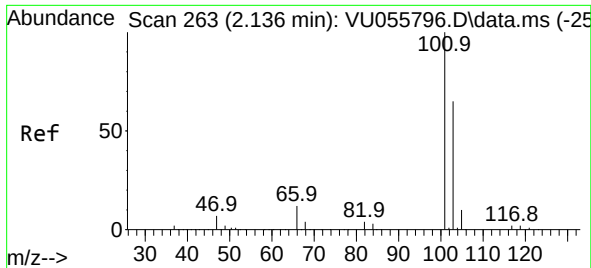
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#6  
Chloroethane  
Concen: 2.013 ug/l  
RT: 1.933 min Scan# 200  
Delta R.T. 0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion: 64 Resp: 17467  
Ion Ratio Lower Upper  
64 100  
66 33.4 26.0 39.0





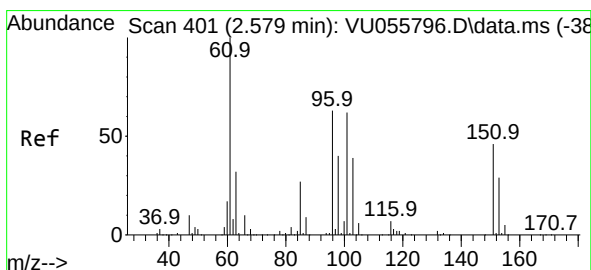
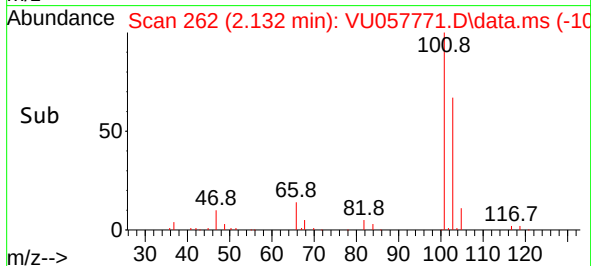
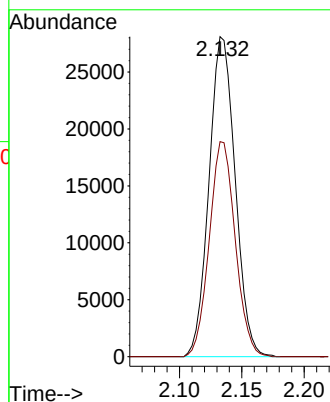
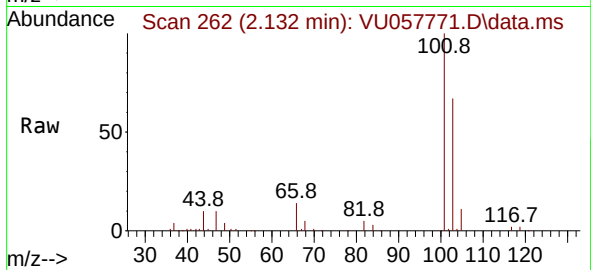
#7  
Trichlorofluoromethane  
Concen: 1.955 ug/l  
RT: 2.132 min Scan# 201  
Delta R.T. -0.004 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01

Tgt Ion:101 Resp: 4112  
Ion Ratio Lower Upper  
101 100  
103 67.2 51.4 77.0

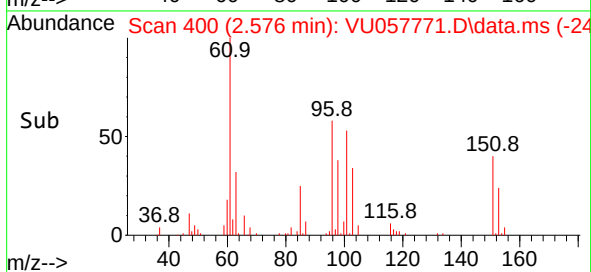
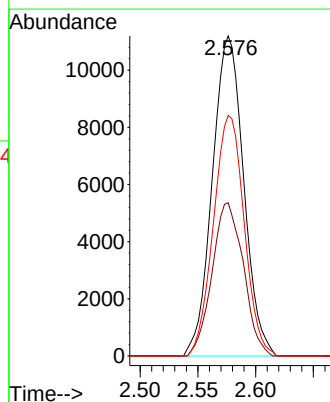
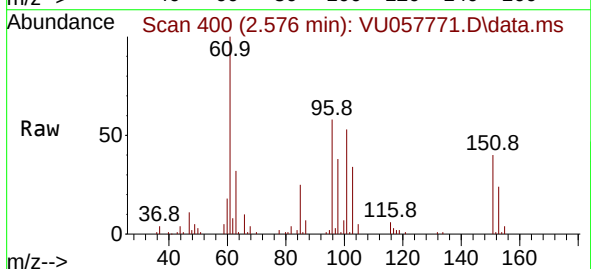
Manual Integrations  
APPROVED

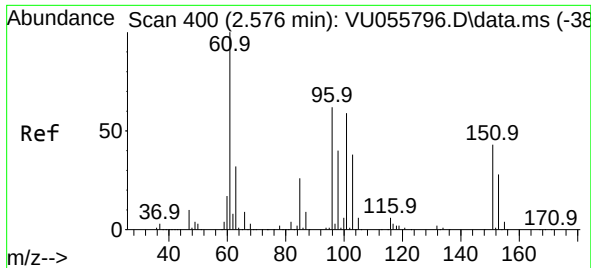
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 1.951 ug/l  
RT: 2.576 min Scan# 400  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

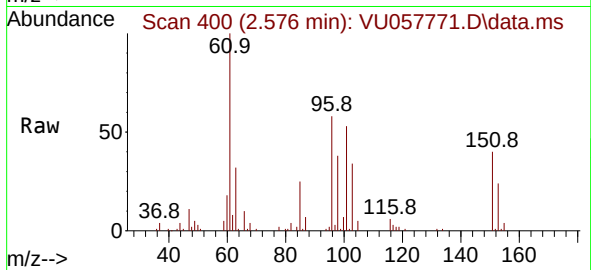
Tgt Ion:101 Resp: 21094  
Ion Ratio Lower Upper  
101 100  
85 47.8 35.4 53.0  
151 73.8 54.0 81.0





#9  
1,1-Dichloroethene  
Concen: 2.006 ug/l  
RT: 2.576 min Scan# 400  
Delta R.T. 0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

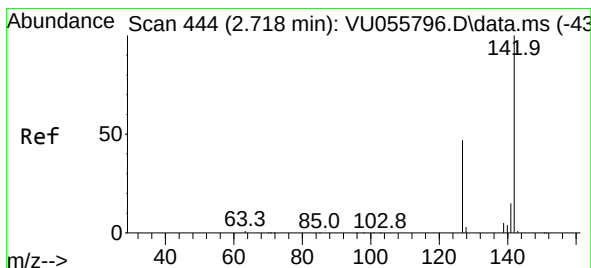
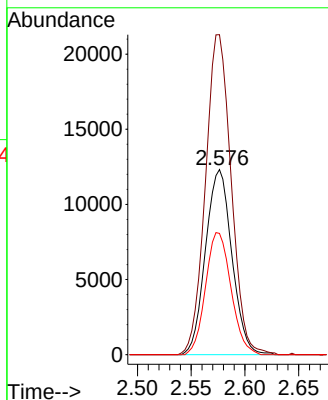
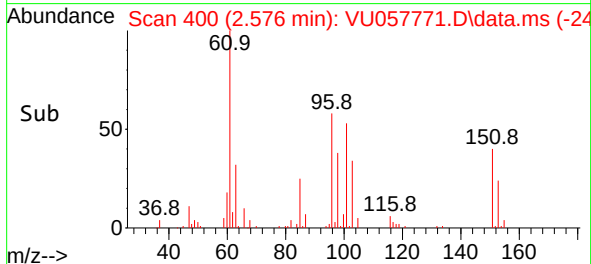
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



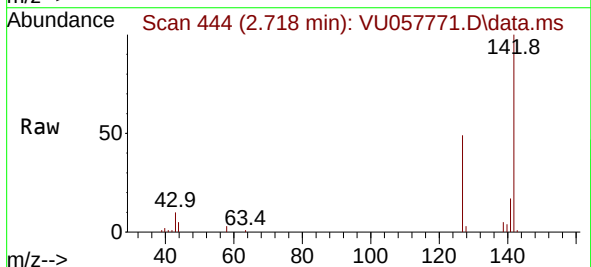
Tgt Ion: 96 Resp: 2101  
Ion Ratio Lower Upper  
96 100  
61 172.9 0.0 521.4  
98 65.5 0.0 125.8

Manual Integrations  
APPROVED

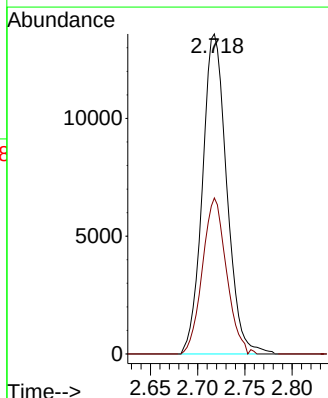
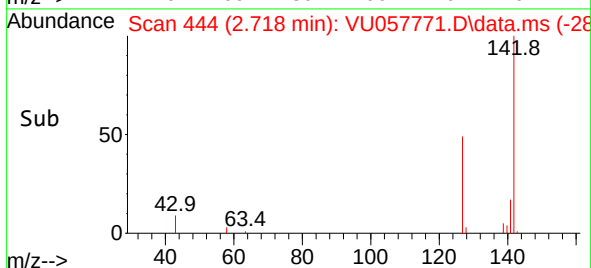
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



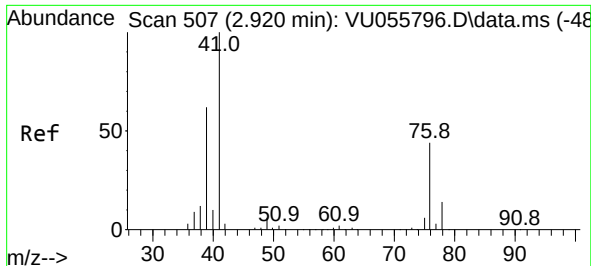
#10  
Iodomethane  
Concen: 1.956 ug/l  
RT: 2.718 min Scan# 444  
Delta R.T. -0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19



Tgt Ion:142 Resp: 24308  
Ion Ratio Lower Upper  
142 100  
127 48.1 35.9 53.9

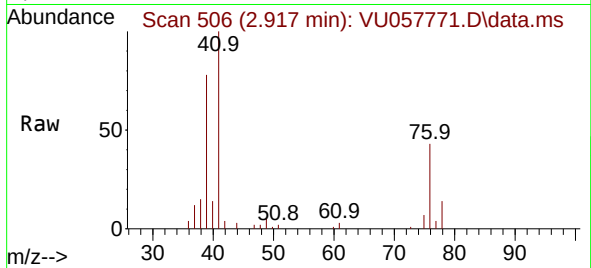






#11  
 Allyl Chloride  
 Concen: 2.066 ug/l  
 RT: 2.917 min Scan# 507  
 Delta R.T. -0.003 min  
 Lab File: VU057771.D  
 Acq: 01 Feb 2024 11:19

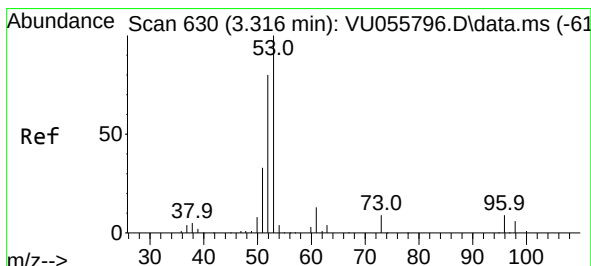
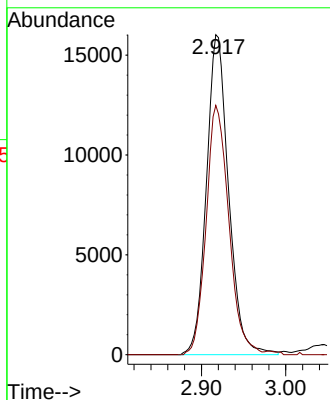
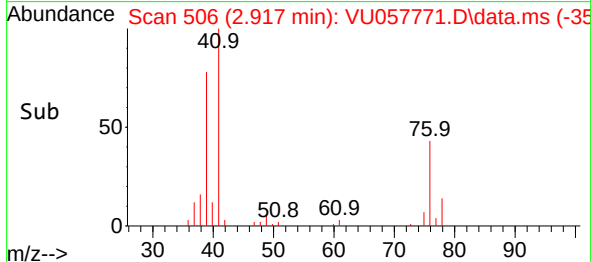
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0201WBSD01



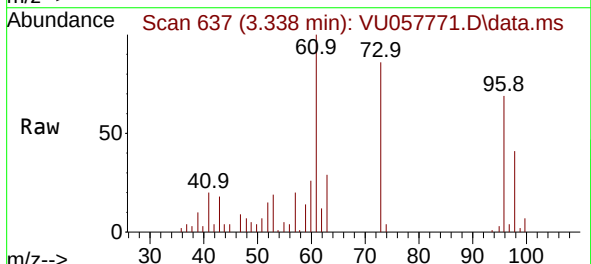
Tgt Ion: 41 Resp: 2936  
 Ion Ratio Lower Upper  
 41 100  
 39 79.9 54.2 81.2

Manual Integrations  
 APPROVED

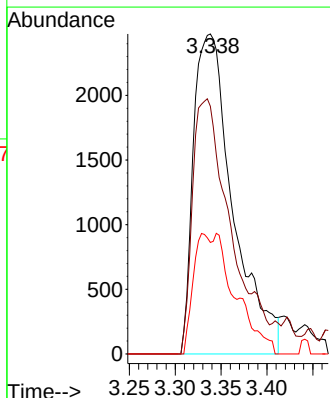
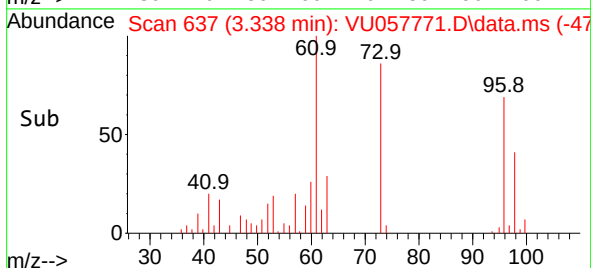
Reviewed By :Semsettin Yesilyurt 02/08/2024  
 Supervised By :Mahesh Dadoda 02/08/2024

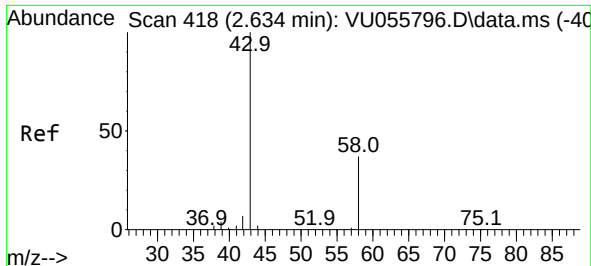


#12  
 Acrylonitrile  
 Concen: 4.147 ug/l  
 RT: 3.338 min Scan# 637  
 Delta R.T. 0.022 min  
 Lab File: VU057771.D  
 Acq: 01 Feb 2024 11:19



Tgt Ion: 53 Resp: 7415  
 Ion Ratio Lower Upper  
 53 100  
 52 76.8 62.9 94.3  
 51 16.4 27.8 41.6





#13

Acetone

Concen: 9.852 ug/l

RT: 2.650 min Scan# 418

Delta R.T. 0.016 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0201WBSD01

Tgt Ion: 43 Resp: 3188

Ion Ratio Lower Upper

43 100

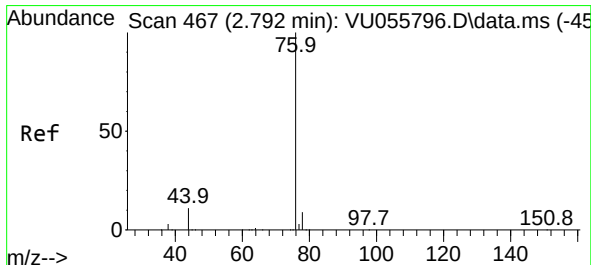
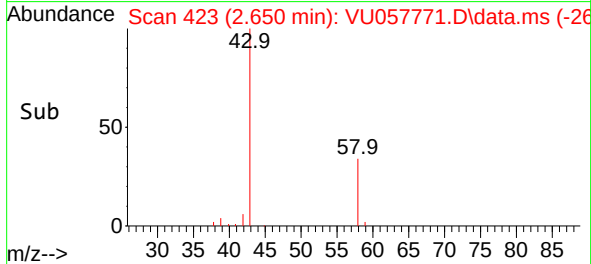
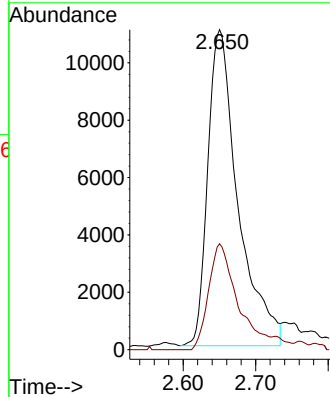
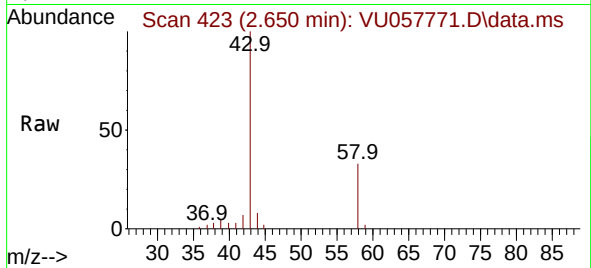
58 33.5 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#14

Carbon Disulfide

Concen: 2.005 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU057771.D

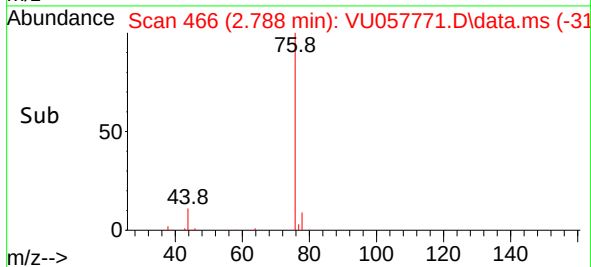
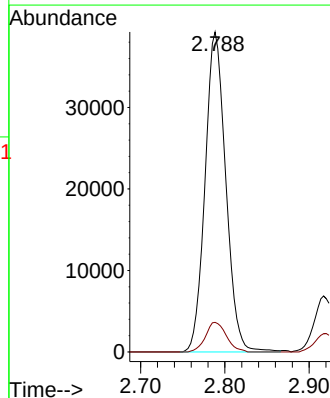
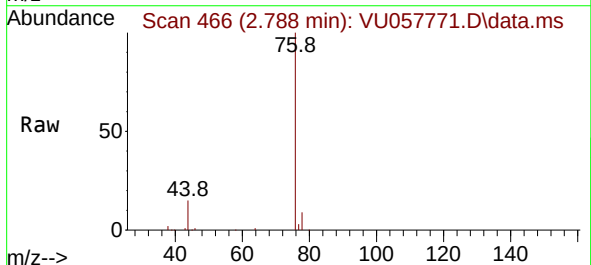
Acq: 01 Feb 2024 11:19

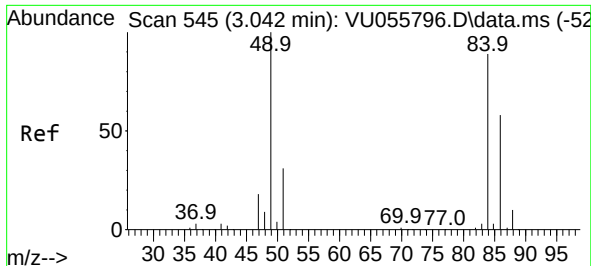
Tgt Ion: 76 Resp: 67250

Ion Ratio Lower Upper

76 100

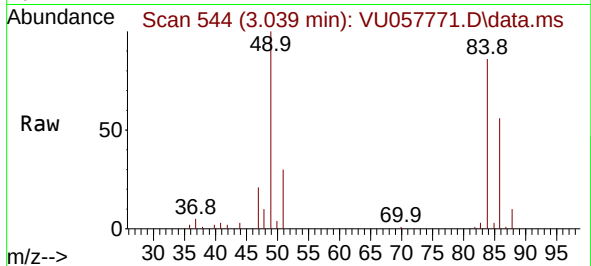
78 9.3 7.4 11.0





#15  
Methylene Chloride  
Concen: 2.100 ug/l  
RT: 3.039 min Scan# 545  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

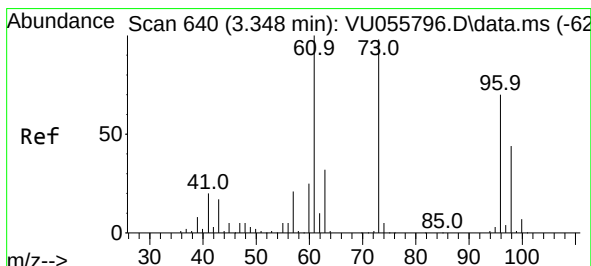
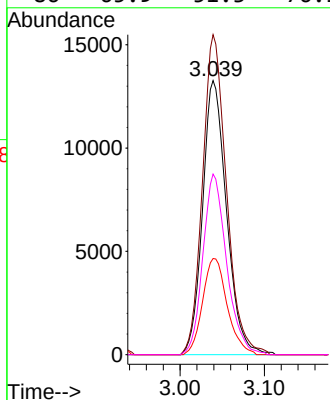
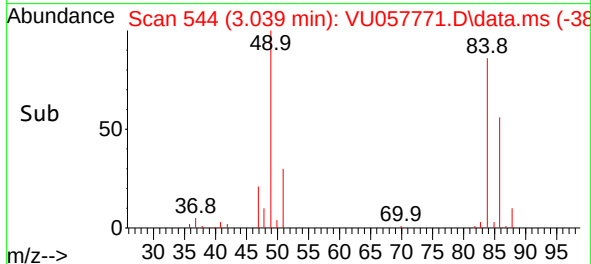
Instrument : MSVOA\_U  
ClientSampleId : VU0201WBSD01



Tgt Ion: 84 Resp: 2628  
Ion Ratio Lower Upper  
84 100  
49 116.8 98.9 148.3  
51 35.1 0.0 75.4  
86 65.9 51.3 76.9

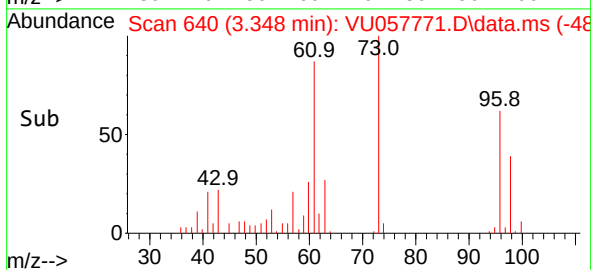
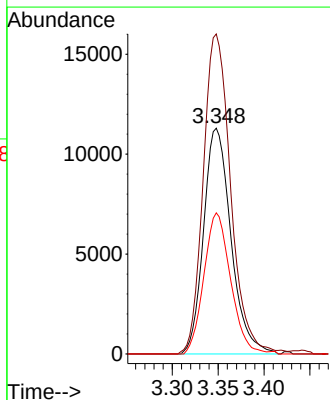
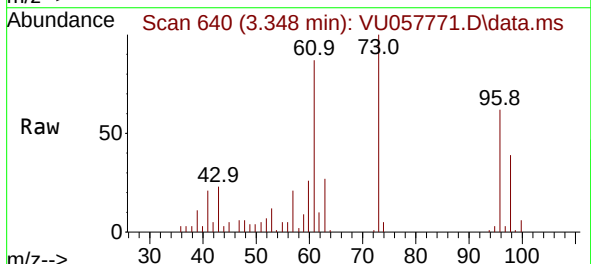
Manual Integrations  
APPROVED

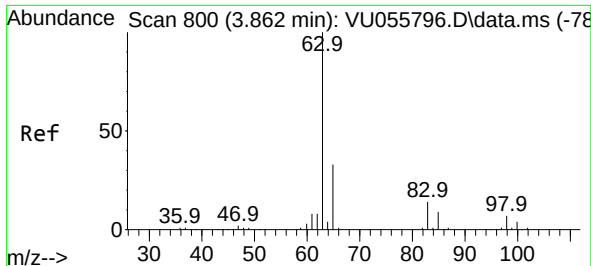
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#16  
trans-1,2-Dichloroethene  
Concen: 2.054 ug/l  
RT: 3.348 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion: 96 Resp: 23501  
Ion Ratio Lower Upper  
96 100  
61 141.8 117.5 176.3  
98 64.2 48.3 72.5





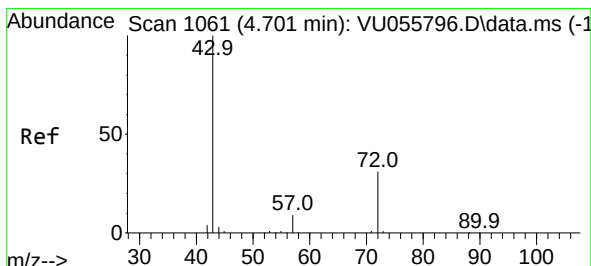
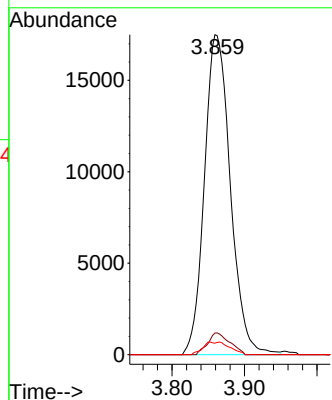
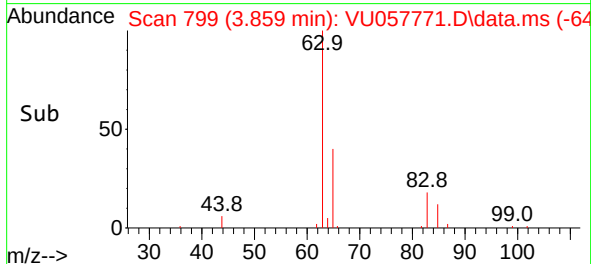
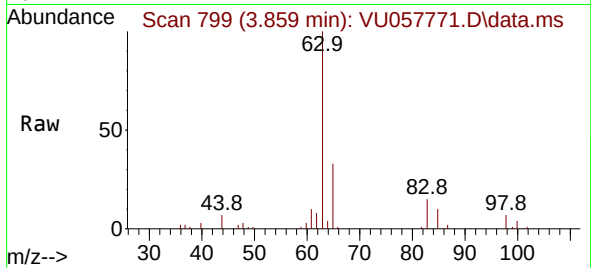
#17  
1,1-Dichloroethane  
Concen: 2.014 ug/l  
RT: 3.859 min Scan# 74  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01

Tgt Ion: 63 Resp: 4348  
Ion Ratio Lower Upper  
63 100  
98 6.8 3.4 10.1  
100 3.6 2.2 6.6

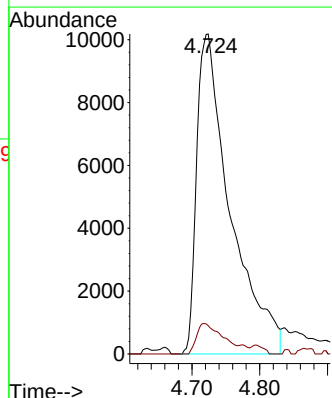
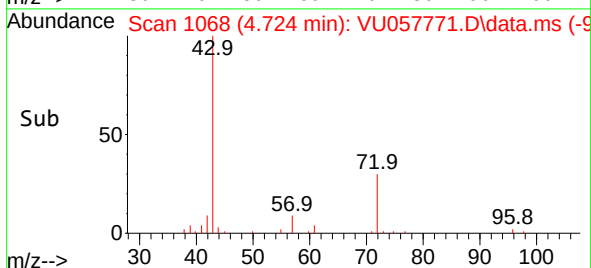
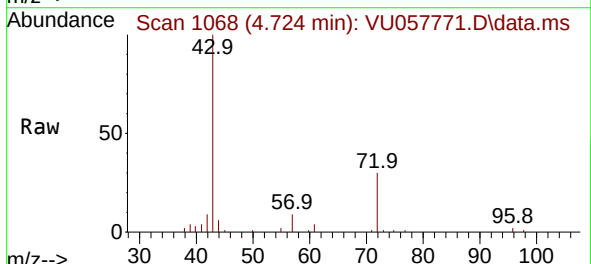
Manual Integrations  
APPROVED

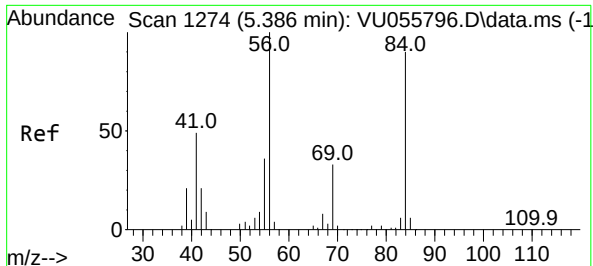
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#18  
2-Butanone  
Concen: 10.015 ug/l  
RT: 4.724 min Scan# 1068  
Delta R.T. 0.023 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

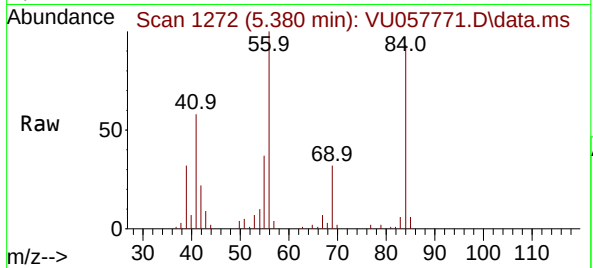
Tgt Ion: 43 Resp: 34929  
Ion Ratio Lower Upper  
43 100  
57 8.8 0.0 19.6





#19  
Cyclohexane  
Concen: 1.966 ug/l  
RT: 5.380 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

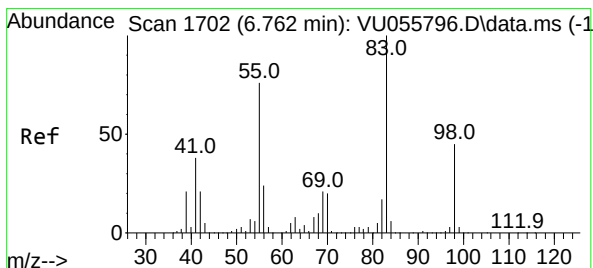
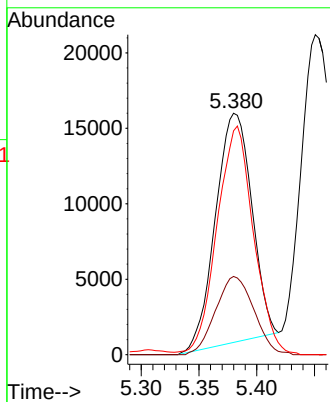
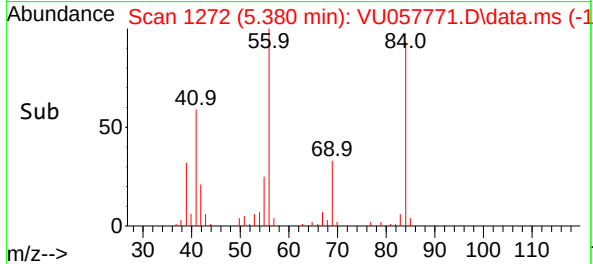
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



Tgt Ion: 56 Resp: 33270  
Ion Ratio Lower Upper  
56 100  
69 36.0 24.6 37.0  
84 98.6 68.4 102.6

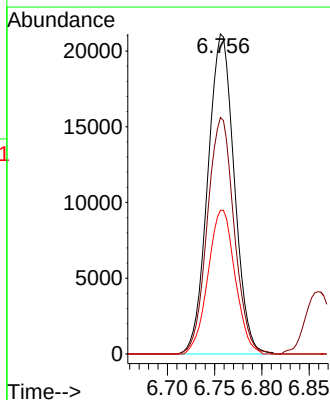
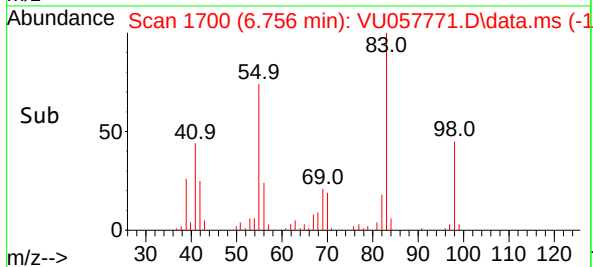
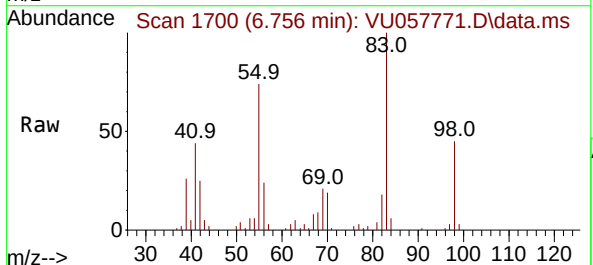
Manual Integrations  
APPROVED

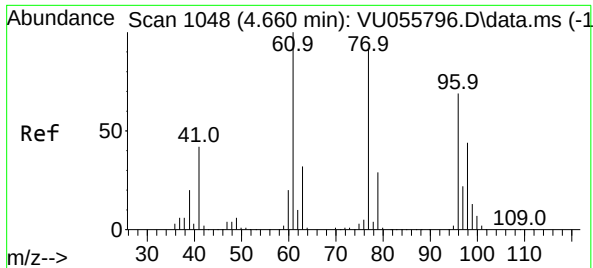
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#20  
Methylcyclohexane  
Concen: 2.010 ug/l  
RT: 6.756 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion: 83 Resp: 41115  
Ion Ratio Lower Upper  
83 100  
55 75.0 63.5 95.3  
98 46.1 36.0 54.0





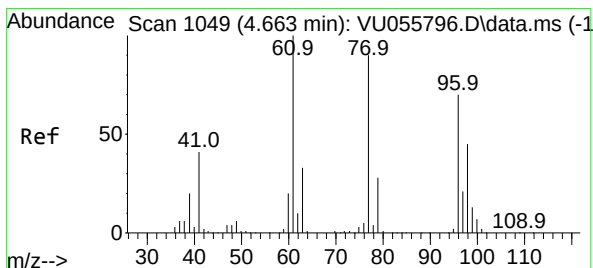
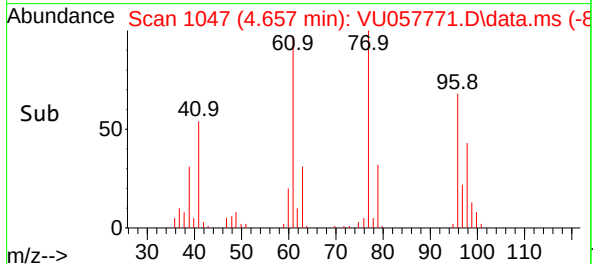
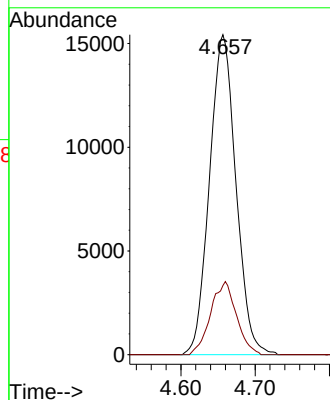
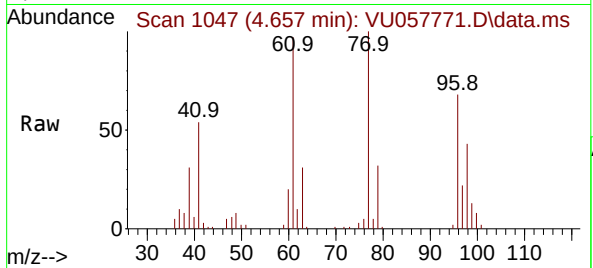
#21  
2,2-Dichloropropane  
Concen: 1.990 ug/l  
RT: 4.657 min Scan# 1047  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01

Tgt Ion: 77 Resp: 3815  
Ion Ratio Lower Upper  
77 100  
97 22.3 18.4 27.6

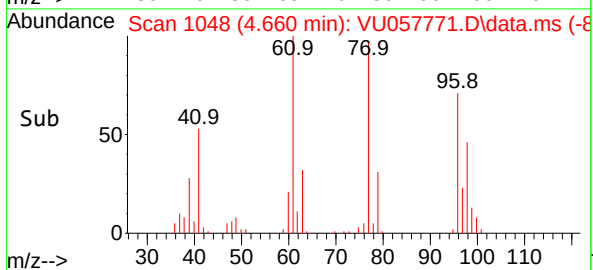
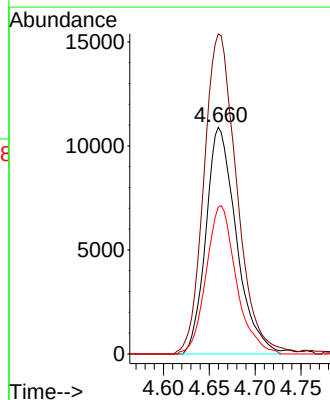
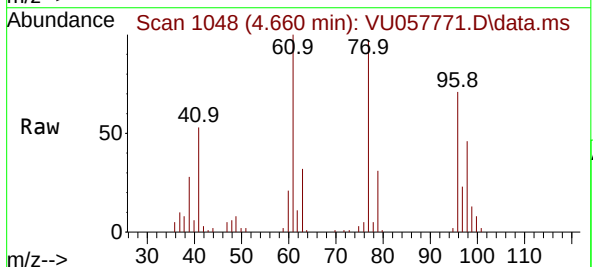
Manual Integrations  
APPROVED

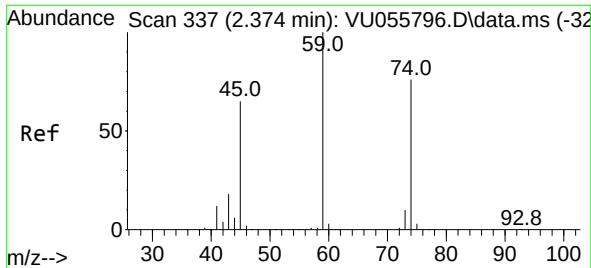
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#22  
cis-1,2-Dichloroethene  
Concen: 2.005 ug/l  
RT: 4.660 min Scan# 1048  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion: 96 Resp: 25115  
Ion Ratio Lower Upper  
96 100  
61 152.4 0.0 365.8  
98 64.7 32.0 96.0





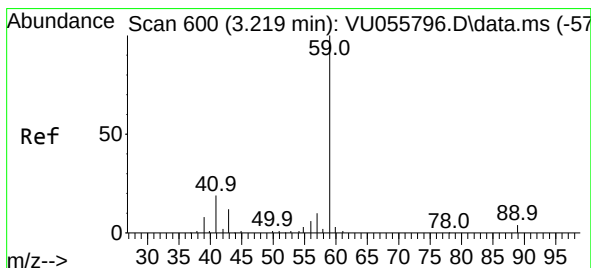
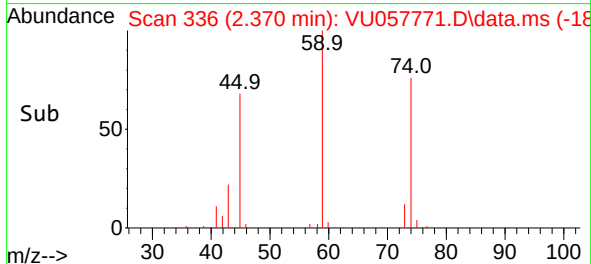
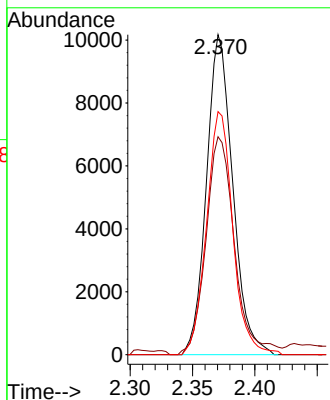
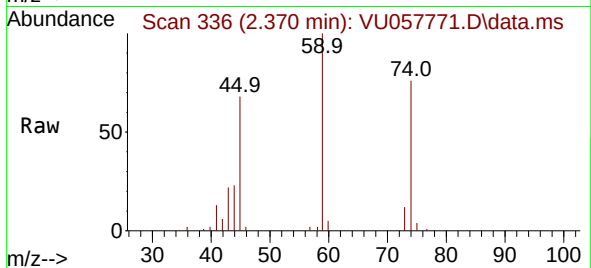
#23  
Diethyl Ether  
Concen: 1.974 ug/l  
RT: 2.370 min Scan# 311  
Delta R.T. -0.004 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01

Tgt Ion: 59 Resp: 14925  
Ion Ratio Lower Upper  
59 100  
45 74.1 56.1 84.1  
74 76.0 57.4 86.2

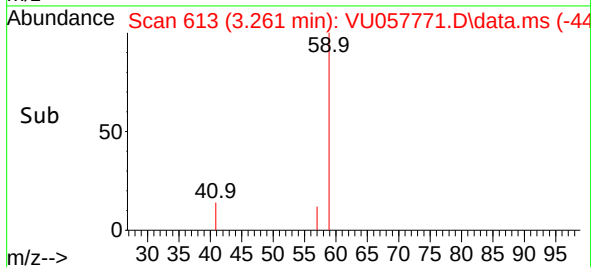
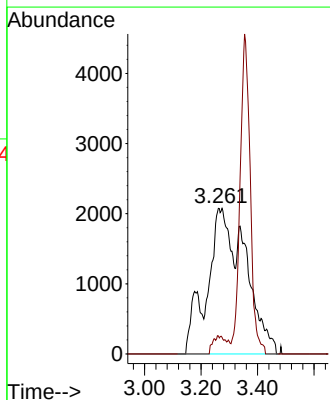
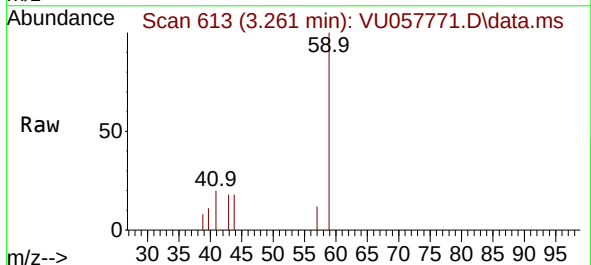
Manual Integrations  
APPROVED

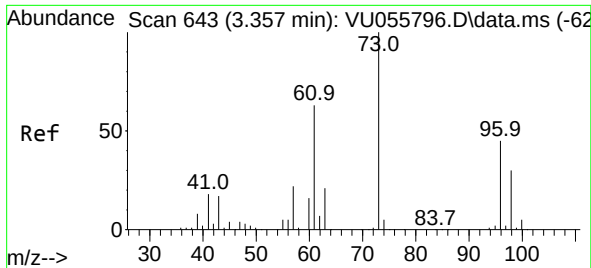
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#24  
tert-Butyl Alcohol  
Concen: 22.888 ug/l m  
RT: 3.261 min Scan# 613  
Delta R.T. 0.042 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

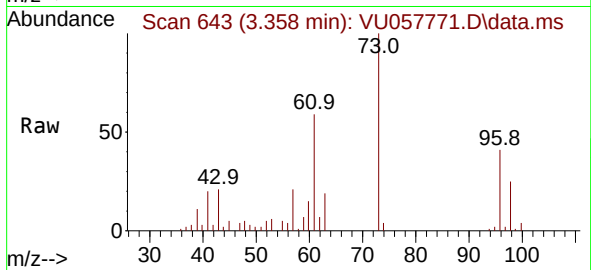
Tgt Ion: 59 Resp: 19673  
Ion Ratio Lower Upper  
59 100  
57 2.1 105.6 158.4#





#25  
Methyl tert-Butyl Ether  
Concen: 2.045 ug/l  
RT: 3.358 min Scan# 643  
Delta R.T. 0.001 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

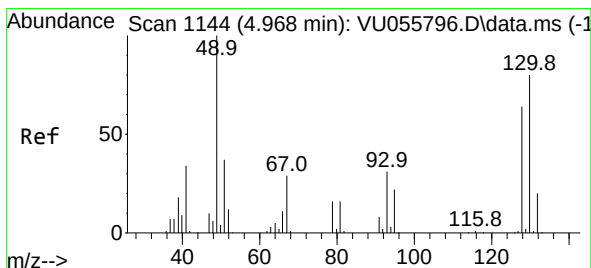
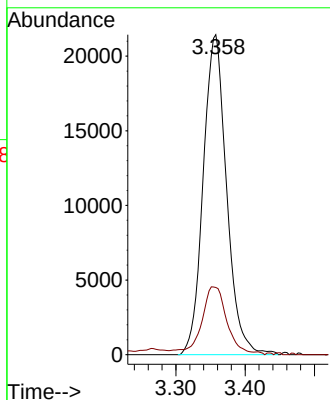
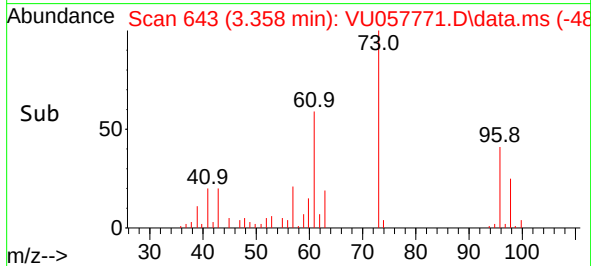
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



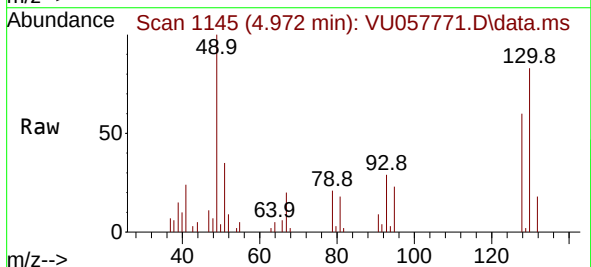
Tgt Ion: 73 Resp: 5026  
Ion Ratio Lower Upper  
73 100  
43 20.4 15.0 22.6

Manual Integrations  
APPROVED

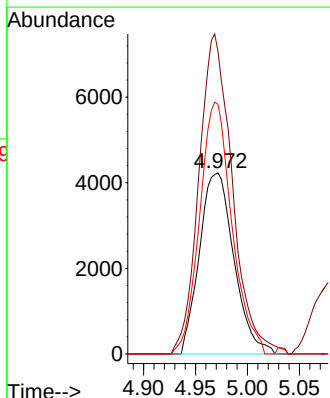
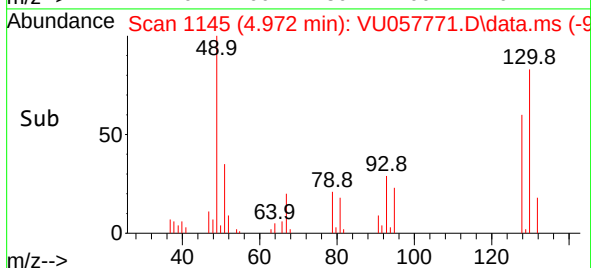
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



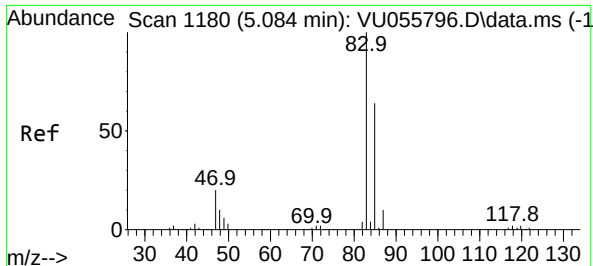
#26  
Bromochloromethane  
Concen: 1.937 ug/l  
RT: 4.972 min Scan# 1145  
Delta R.T. 0.004 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19



Tgt Ion:128 Resp: 9748  
Ion Ratio Lower Upper  
128 100  
49 171.2 0.0 324.6  
130 130.2 103.0 154.4







#27

Chloroform

Concen: 2.054 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0201WBSD01

Tgt Ion: 83 Resp: 46110

Ion Ratio Lower Upper

83 100

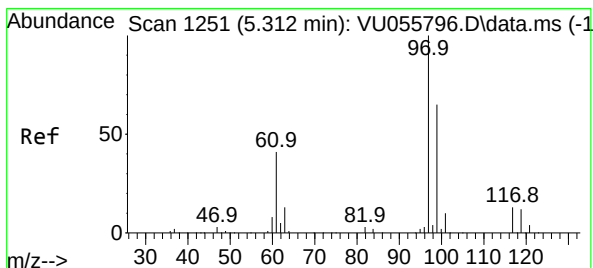
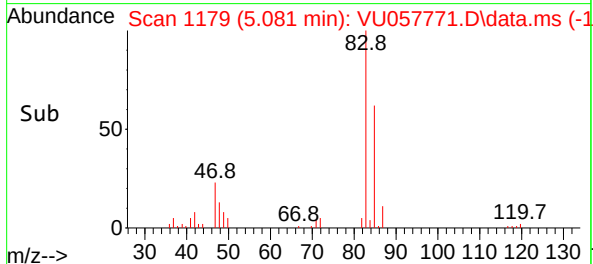
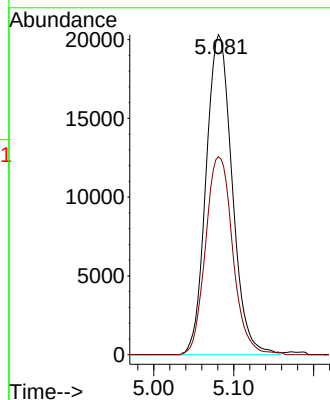
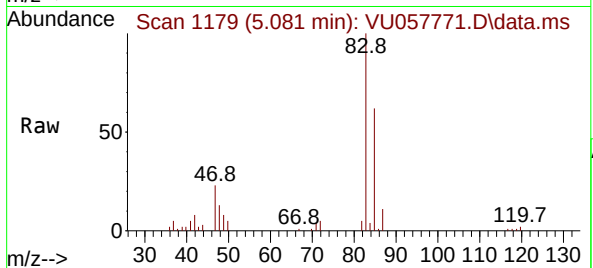
85 61.8 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#28

1,1,1-Trichloroethane

Concen: 2.028 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

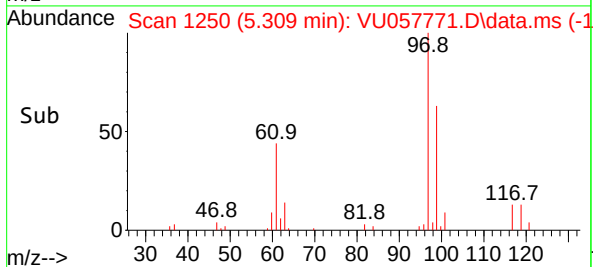
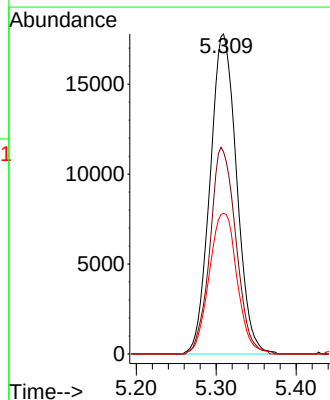
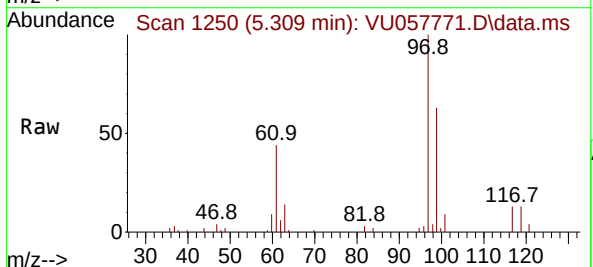
Tgt Ion: 97 Resp: 41103

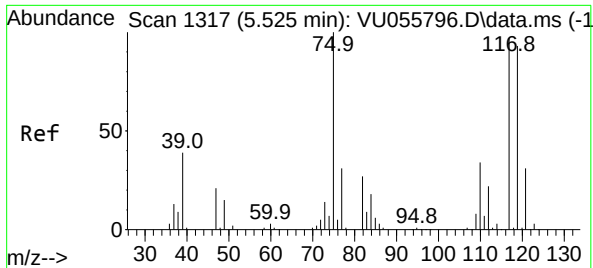
Ion Ratio Lower Upper

97 100

99 62.9 32.0 96.2

61 46.0 22.9 68.5





#29

1,1-Dichloropropene

Concen: 2.061 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. -0.004 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0201WBSD01

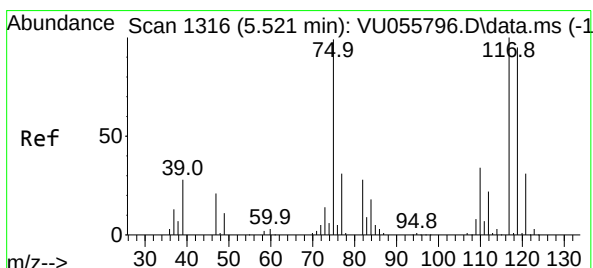
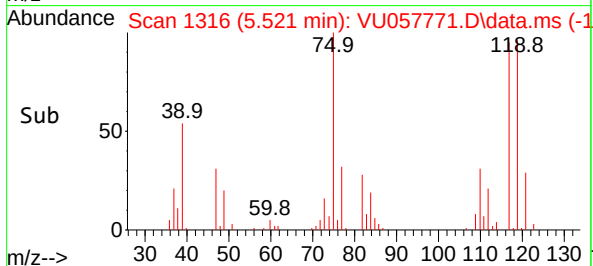
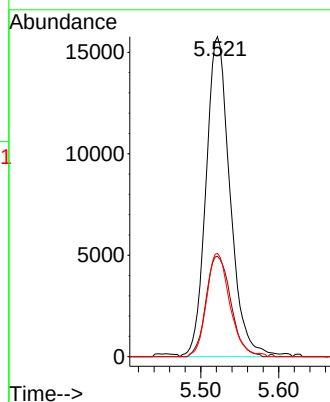
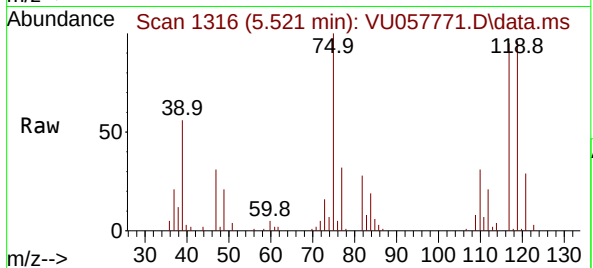
Tgt Ion: 75 Resp: 3380

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 32.5  | 18.0  | 54.0  |
| 77  | 31.5  | 24.7  | 37.1  |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#30

Carbon Tetrachloride

Concen: 1.988 ug/l

RT: 5.515 min Scan# 1314

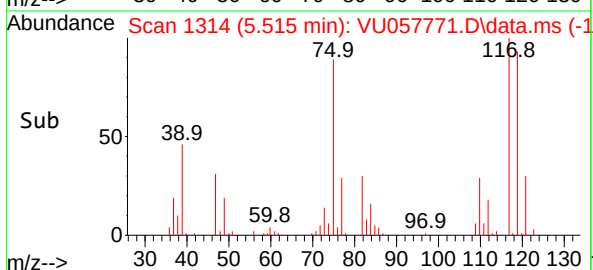
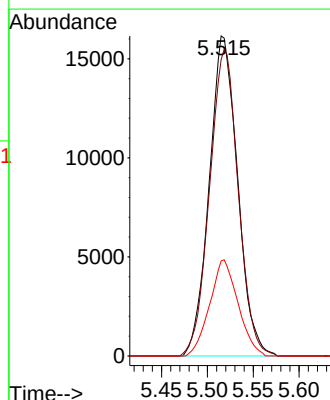
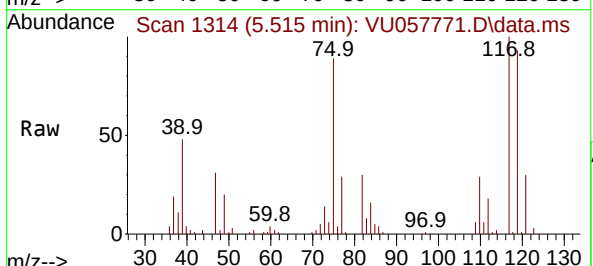
Delta R.T. -0.006 min

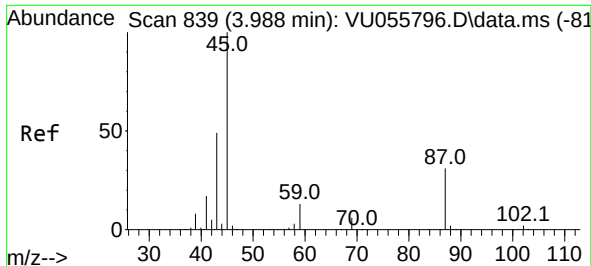
Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Tgt Ion:117 Resp: 34716

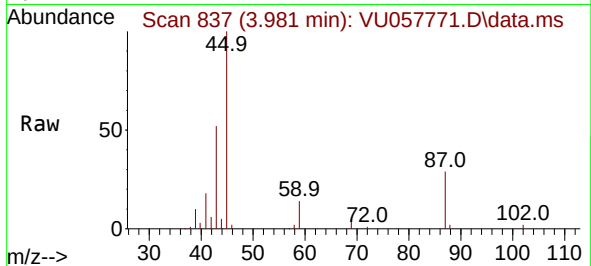
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 91.6  | 77.4  | 116.0 |
| 121 | 29.4  | 24.0  | 36.0  |





#31  
Isopropyl Ether  
Concen: 2.012 ug/l  
RT: 3.981 min Scan# 839  
Delta R.T. -0.007 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

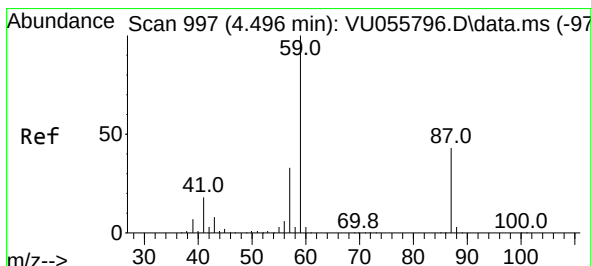
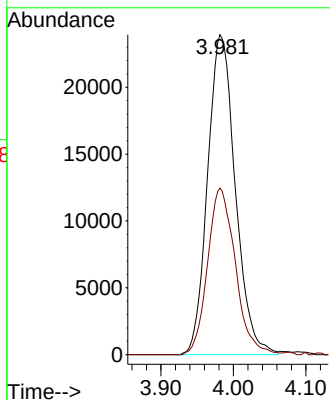
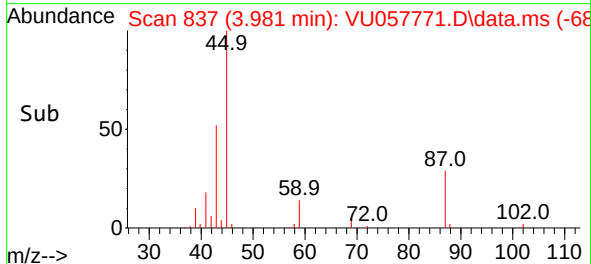
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



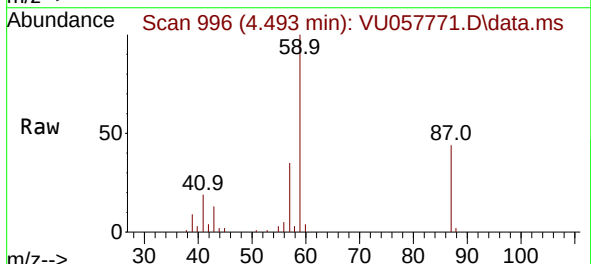
Tgt Ion: 45 Resp: 63589  
Ion Ratio Lower Upper  
45 100  
43 52.2 27.5 82.5

Manual Integrations  
APPROVED

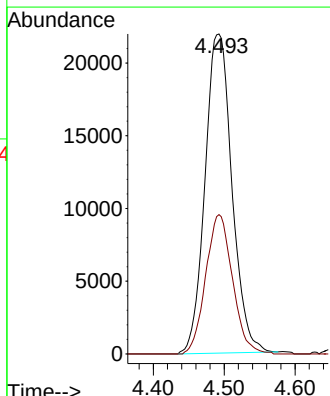
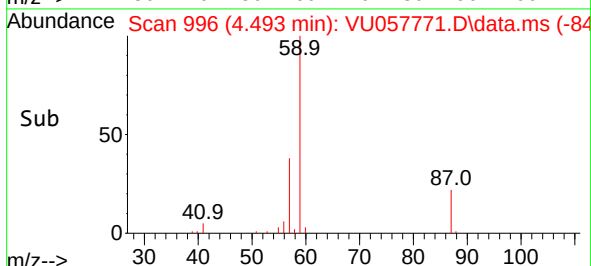
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024

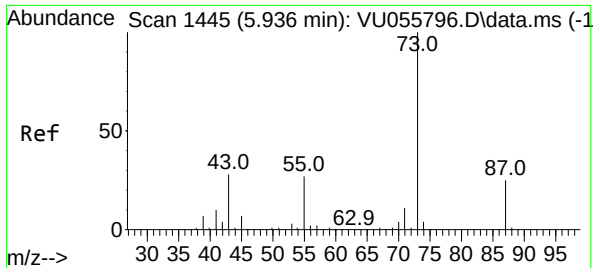


#32  
Ethyl-t-butyl ether  
Concen: 1.978 ug/l  
RT: 4.493 min Scan# 996  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19



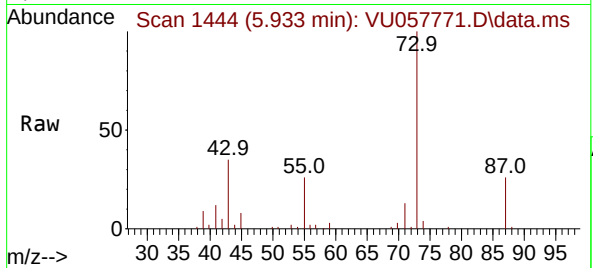
Tgt Ion: 59 Resp: 58027  
Ion Ratio Lower Upper  
59 100  
87 43.4 33.5 50.3





#33  
Tert-Amyl methyl ether  
Concen: 2.000 ug/l  
RT: 5.933 min Scan# 1445  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

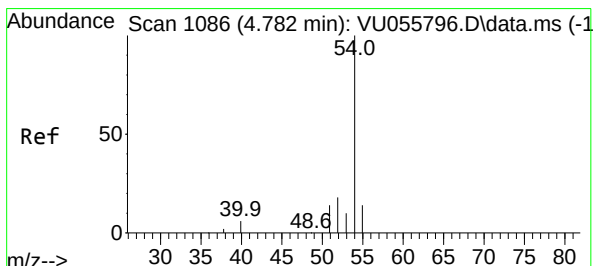
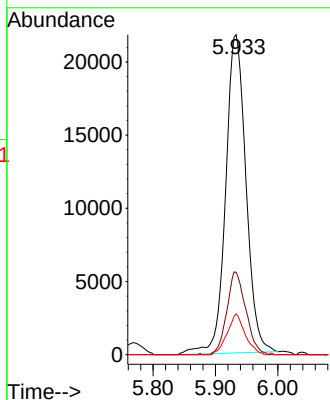
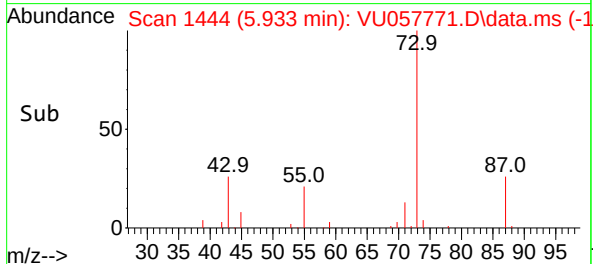
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



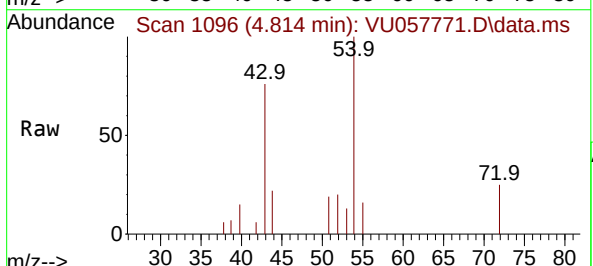
Tgt Ion: 73 Resp: 49398  
Ion Ratio Lower Upper  
73 100  
87 24.2 18.6 28.0  
71 11.2 9.9 14.9

Manual Integrations  
APPROVED

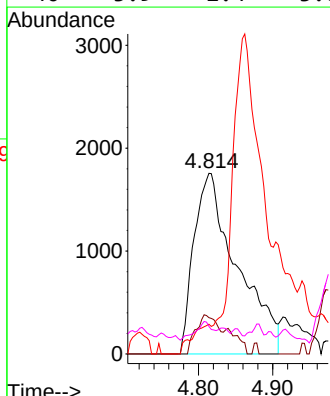
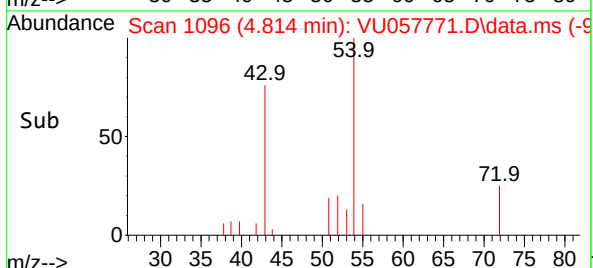
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024

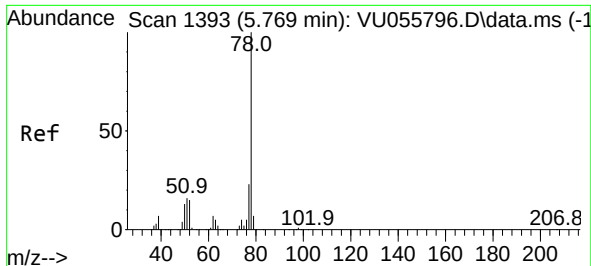


#34  
Propionitrile  
Concen: 9.800 ug/l  
RT: 4.814 min Scan# 1096  
Delta R.T. 0.032 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19



Tgt Ion: 54 Resp: 7084  
Ion Ratio Lower Upper  
54 100  
52 11.3 17.4 26.0#  
55 0.0 104.1 156.1#  
40 3.9 2.4 3.6#





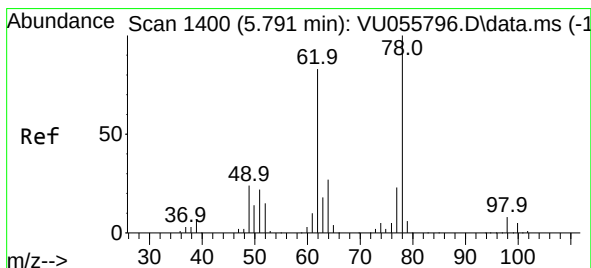
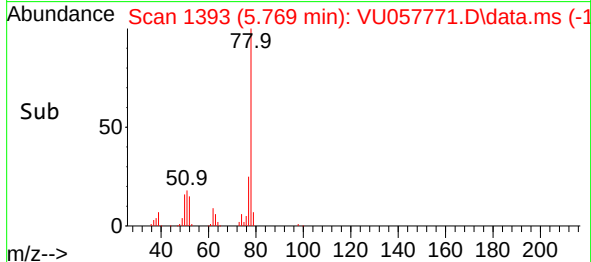
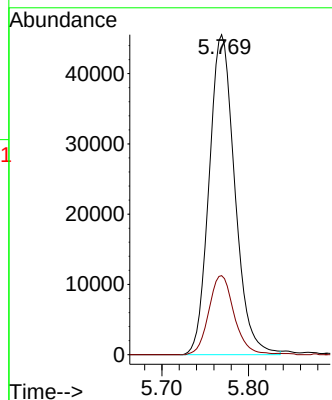
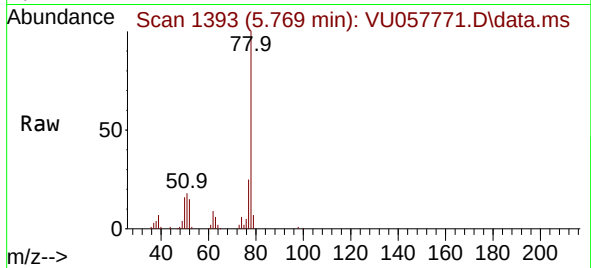
#35  
Benzene  
Concen: 1.987 ug/l  
RT: 5.769 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01

Tgt Ion: 78 Resp: 9382  
Ion Ratio Lower Upper  
78 100  
77 24.7 18.9 28.3

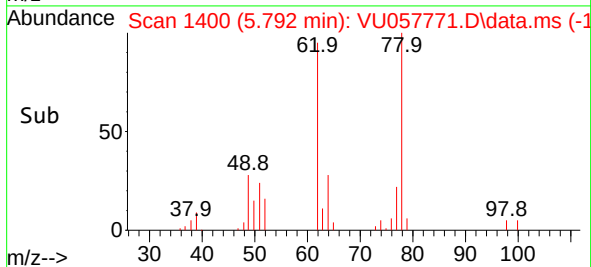
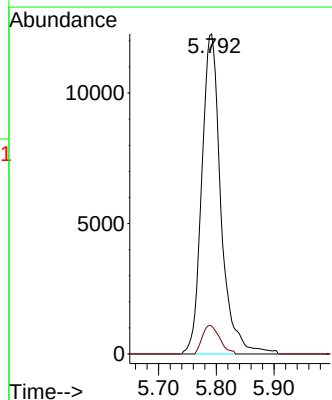
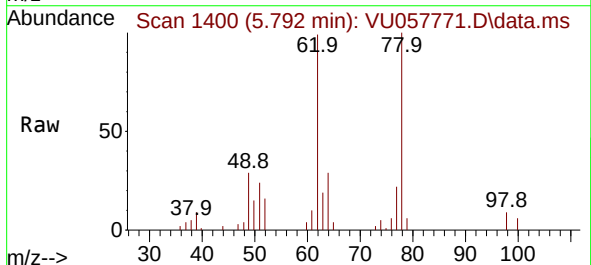
Manual Integrations  
APPROVED

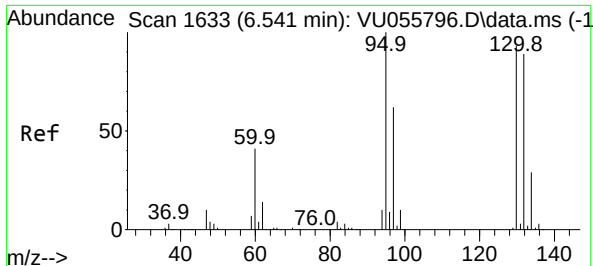
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#36  
1,2-Dichloroethane  
Concen: 2.053 ug/l  
RT: 5.792 min Scan# 1400  
Delta R.T. 0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion: 62 Resp: 28250  
Ion Ratio Lower Upper  
62 100  
98 8.0 7.3 10.9





#37

Trichloroethene

Concen: 2.039 ug/l

RT: 6.537 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0201WBSD01

Tgt Ion:130 Resp: 2556

Ion Ratio Lower Upper

130 100

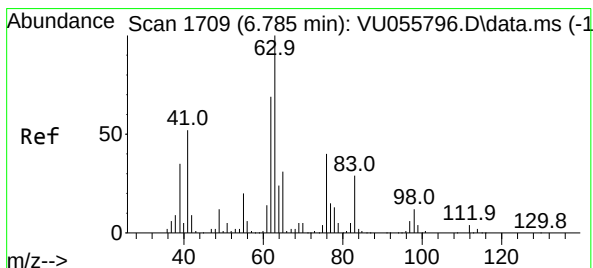
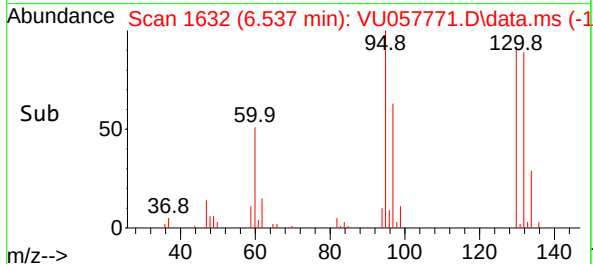
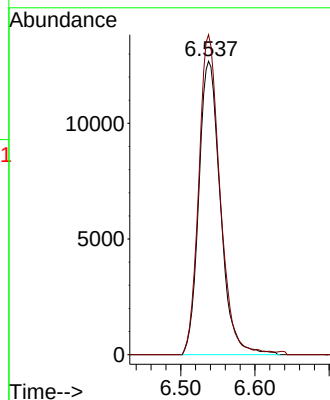
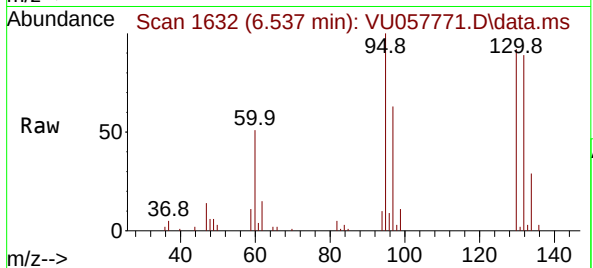
95 109.0 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#38

1,2-Dichloropropane

Concen: 2.063 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU057771.D

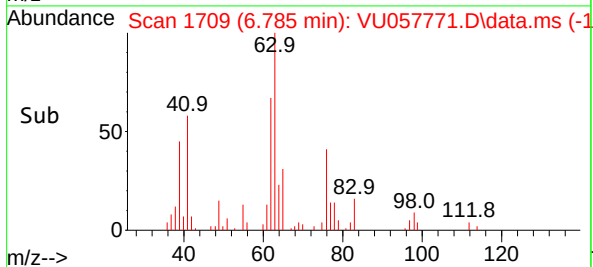
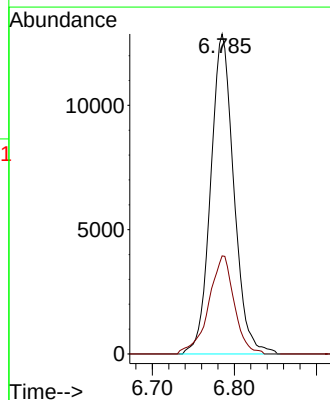
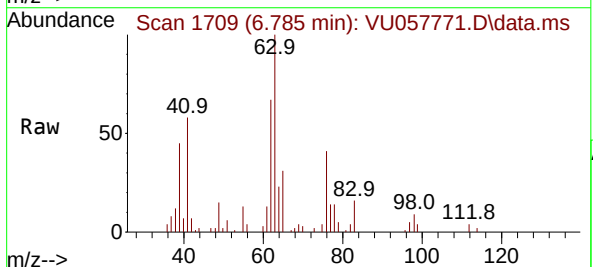
Acq: 01 Feb 2024 11:19

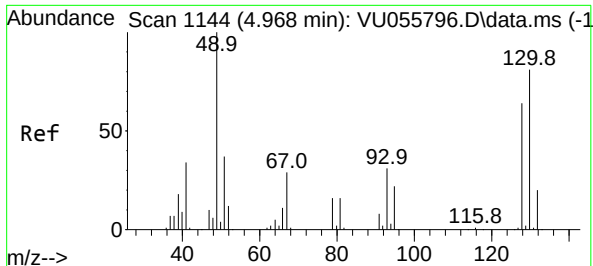
Tgt Ion: 63 Resp: 25262

Ion Ratio Lower Upper

63 100

65 30.6 24.9 37.3





#39

Methacrylonitrile

Concen: 1.983 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.010 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0201WBSD01

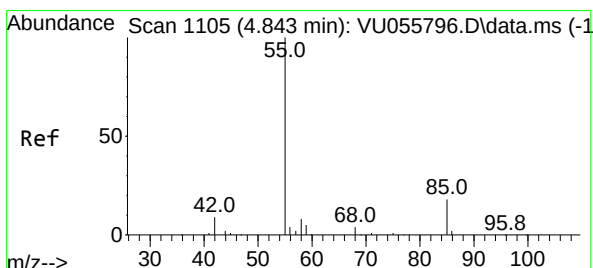
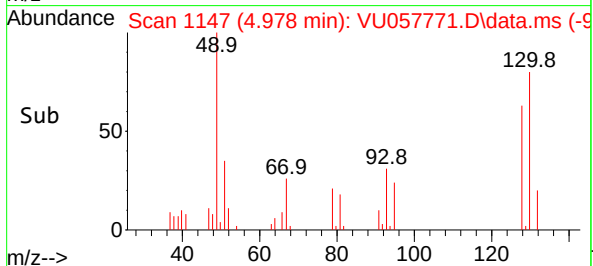
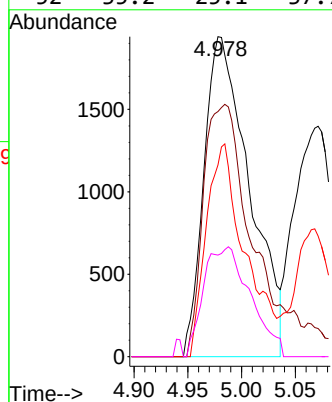
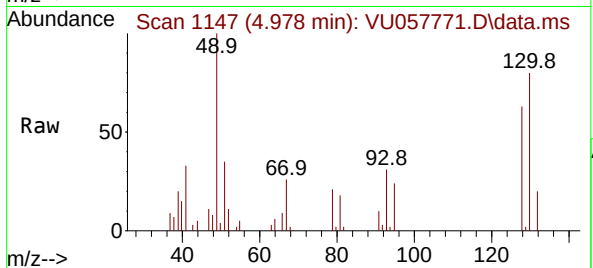
Tgt Ion: 41 Resp: 5714

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 67  | 85.4  | 66.8  | 100.2 |
| 39  | 56.6  | 41.2  | 61.8  |
| 52  | 35.2  | 25.1  | 37.7  |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#40

Methyl acrylate

Concen: 2.049 ug/l

RT: 4.862 min Scan# 1111

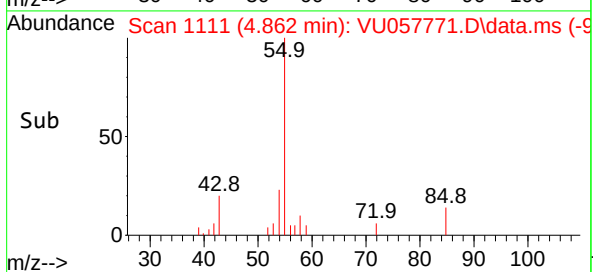
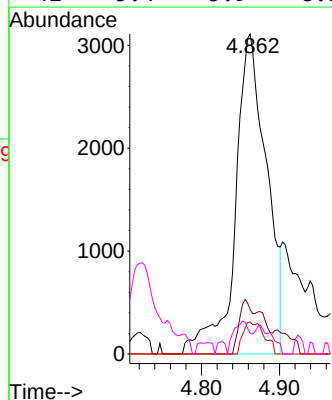
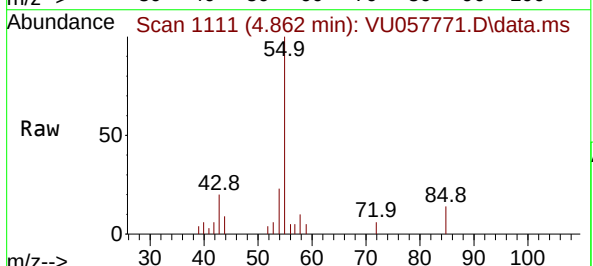
Delta R.T. 0.019 min

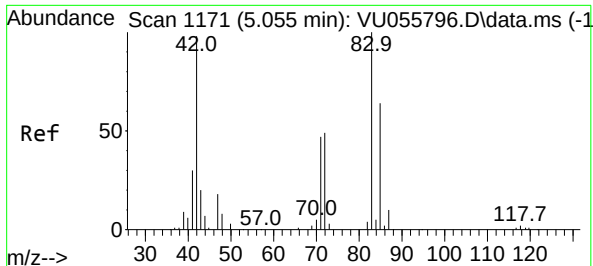
Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Tgt Ion: 55 Resp: 8676

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 55  | 100   |       |       |
| 85  | 0.0   | 13.3  | 19.9# |
| 58  | 6.8   | 6.5   | 9.7   |
| 42  | 5.4   | 5.9   | 8.9#  |





#41

Tetrahydrofuran

Concen: 3.941 ug/l

RT: 5.065 min Scan# 1171

Delta R.T. 0.010 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

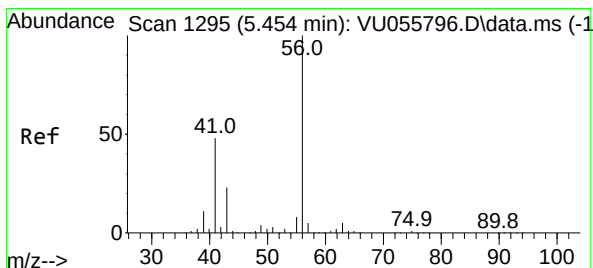
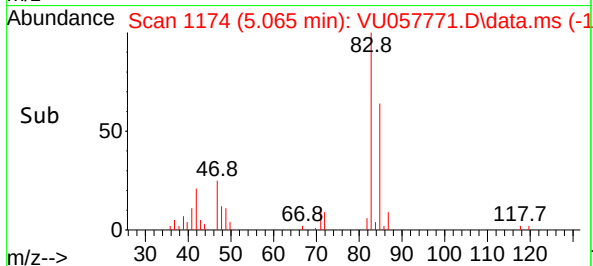
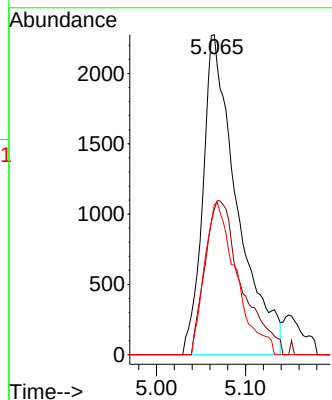
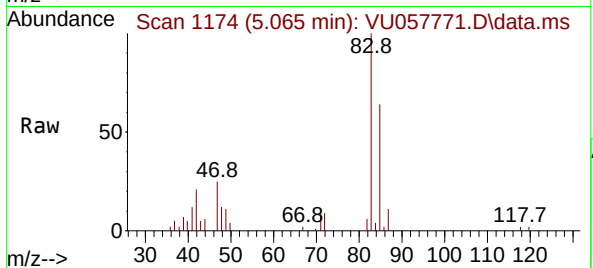
VU0201WBSD01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 606  |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 51.5  | 40.9  | 61.3 |
| 71        | 44.3  | 36.9  | 55.3 |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#42

1-Chlorobutane

Concen: 2.079 ug/l

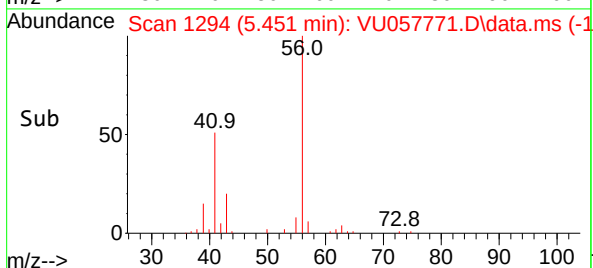
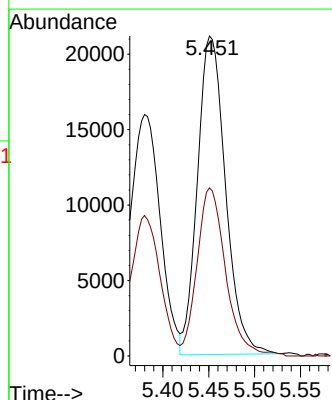
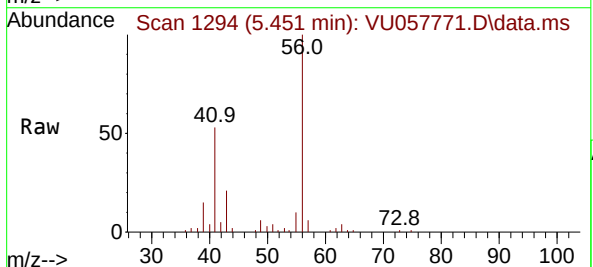
RT: 5.451 min Scan# 1294

Delta R.T. -0.003 min

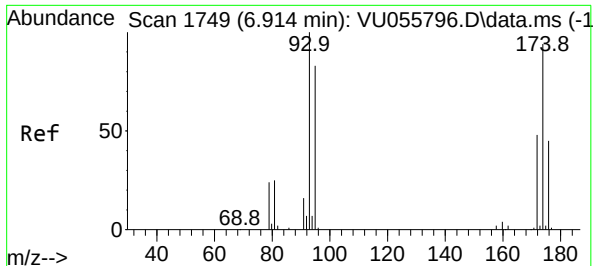
Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 44958 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 41        | 51.0  | 25.2  | 75.6  |







#43

Dibromomethane

Concen: 2.036 ug/l

RT: 6.914 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0201WBSD01

Tgt Ion: 93 Resp: 1146

Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.6

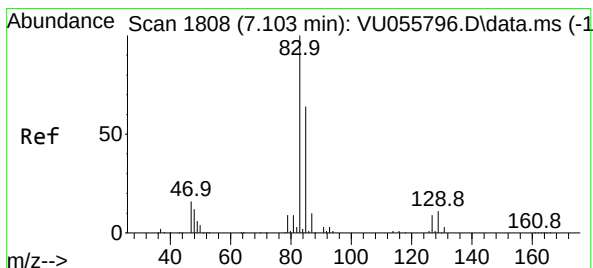
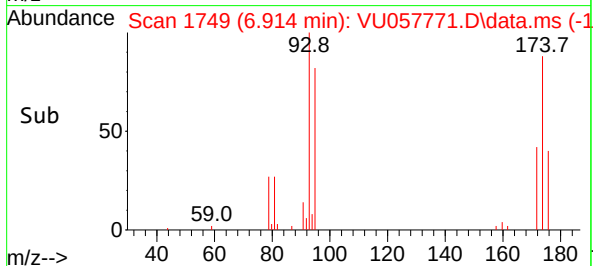
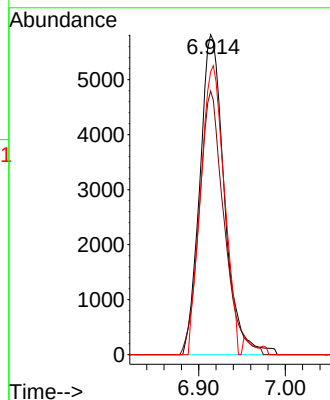
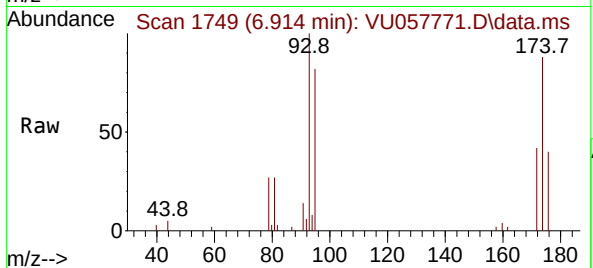
174 86.1 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#44

Bromodichloromethane

Concen: 1.989 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

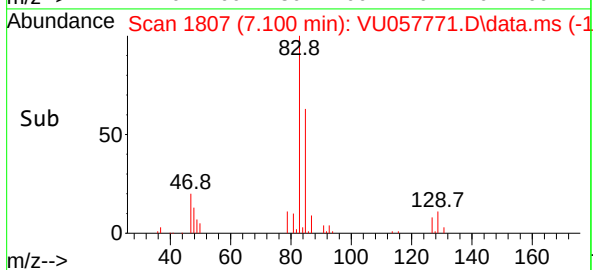
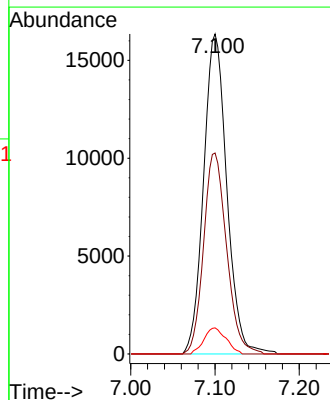
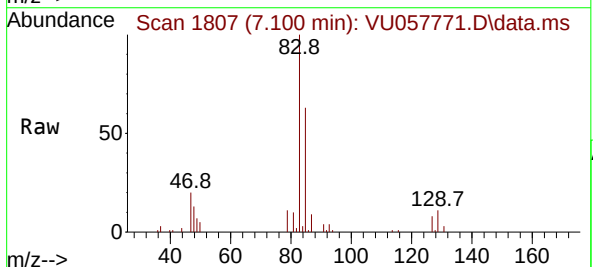
Tgt Ion: 83 Resp: 31352

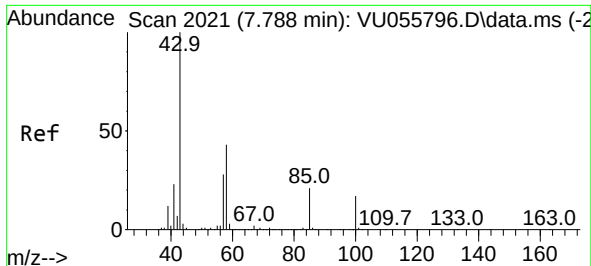
Ion Ratio Lower Upper

83 100

85 62.8 51.9 77.9

127 8.2 6.7 10.1





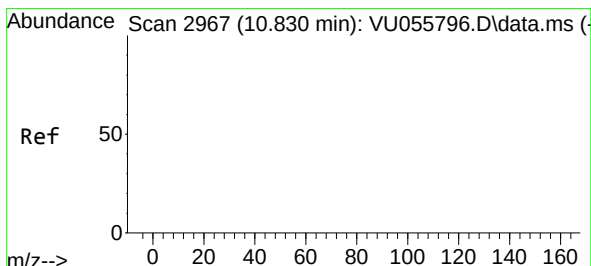
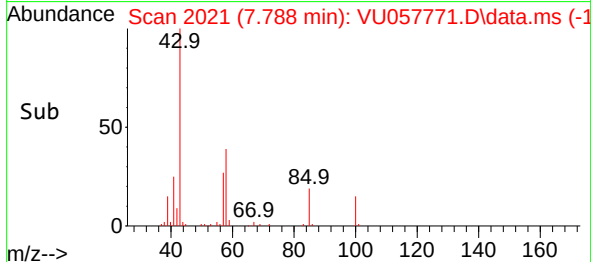
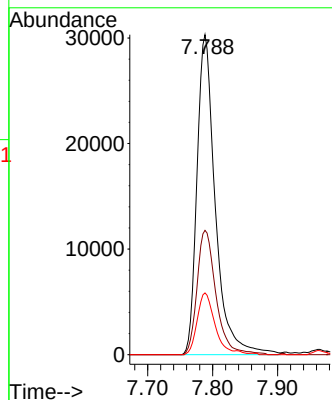
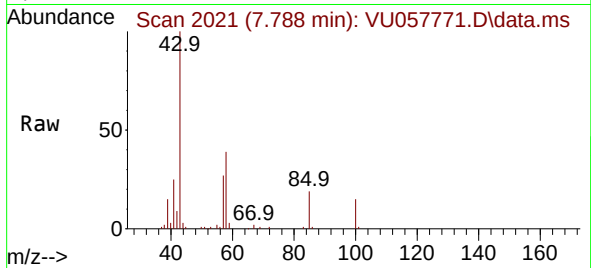
#45  
4-Methyl-2-Pentanone  
Concen: 9.940 ug/l  
RT: 7.788 min Scan# 2021  
Delta R.T. 0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01

Tgt Ion: 43 Resp: 59649  
Ion Ratio Lower Upper  
43 100  
58 40.2 20.9 62.8  
85 18.9 14.6 21.8

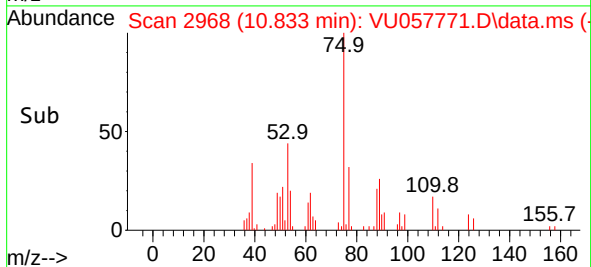
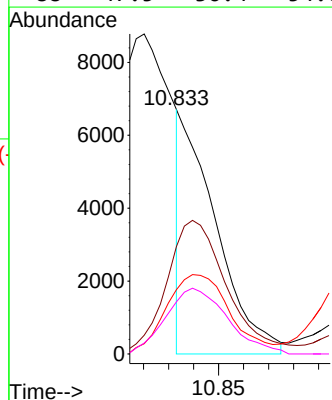
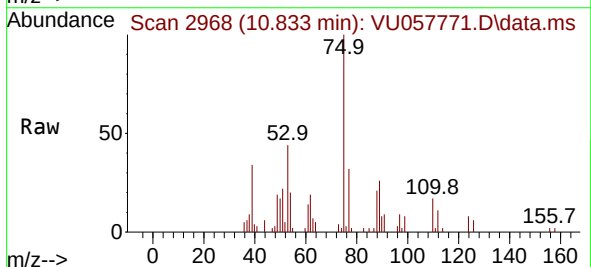
Manual Integrations  
APPROVED

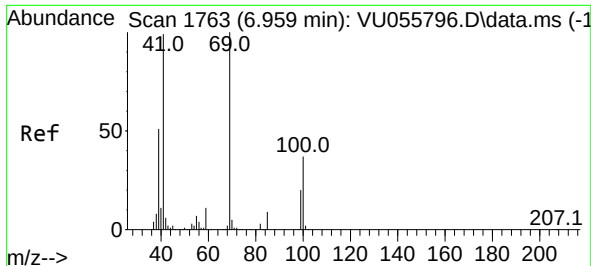
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#46  
t-1,4-Dichloro-2-butene  
Concen: 4.617 ug/l m  
RT: 10.833 min Scan# 2968  
Delta R.T. 0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion: 75 Resp: 6544  
Ion Ratio Lower Upper  
75 100  
53 94.5 73.3 109.9  
89 58.9 48.2 72.4  
88 47.5 36.4 54.6





#47

Methyl methacrylate

Concen: 3.887 ug/l

RT: 6.959 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057771.D

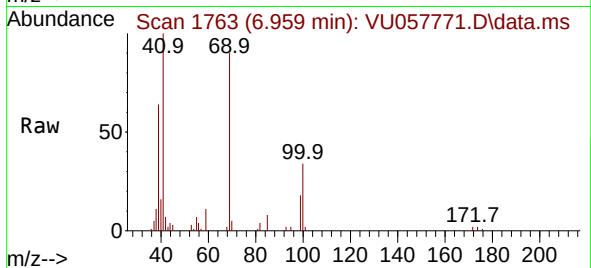
Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0201WBSD01



Tgt Ion: 69 Resp: 19334

Ion Ratio Lower Upper

69 100

41 113.3 0.0 209.2

39 70.1 46.7 70.1

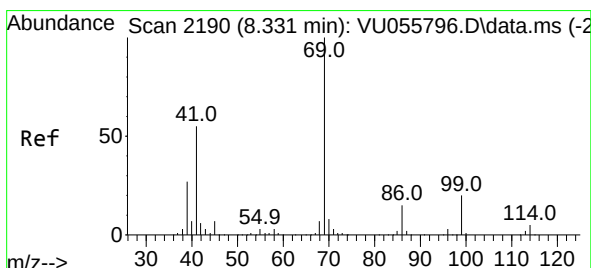
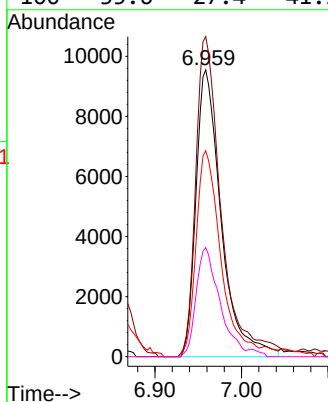
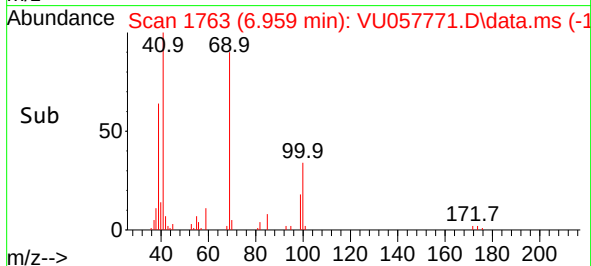
100 35.6 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#48

Ethyl methacrylate

Concen: 1.870 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.001 min

Lab File: VU057771.D

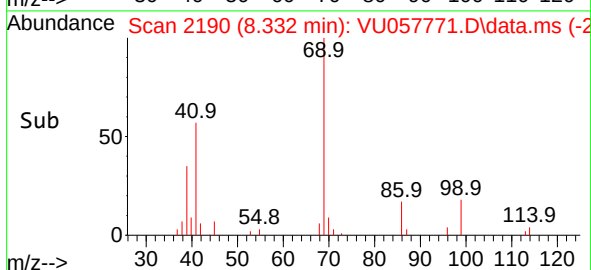
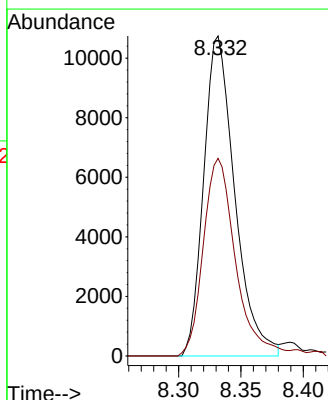
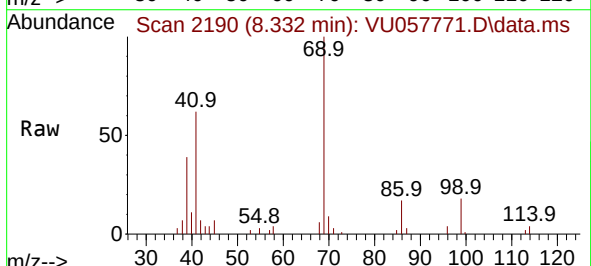
Acq: 01 Feb 2024 11:19

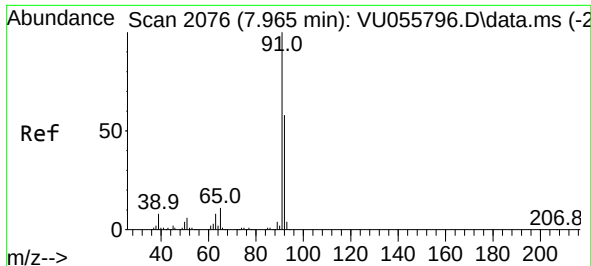
Tgt Ion: 69 Resp: 18645

Ion Ratio Lower Upper

69 100

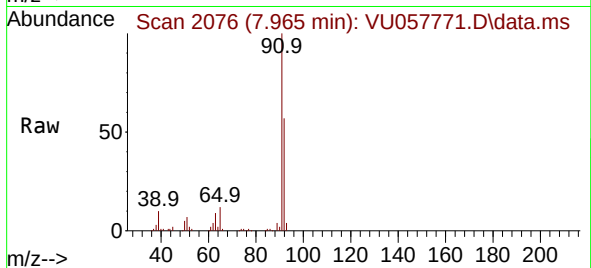
41 63.8 30.3 90.8





#49  
Toluene  
Concen: 2.012 ug/l  
RT: 7.965 min Scan# 2076  
Delta R.T. 0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

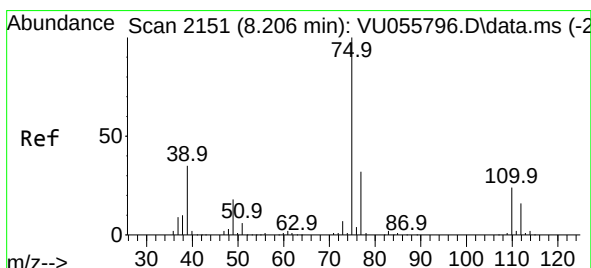
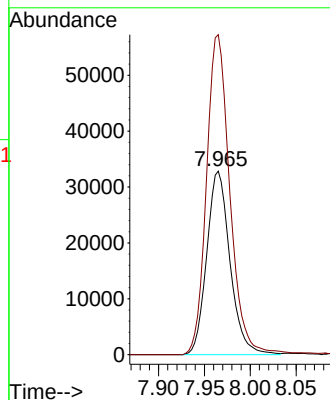
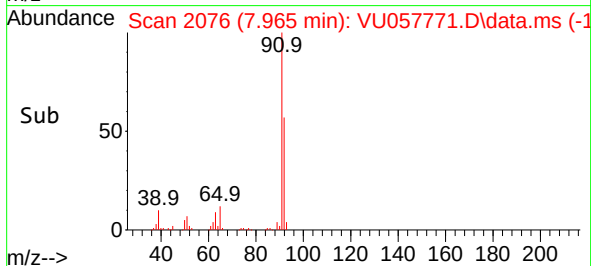
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



Tgt Ion: 92 Resp: 5803  
Ion Ratio Lower Upper  
92 100  
91 175.9 143.0 214.6

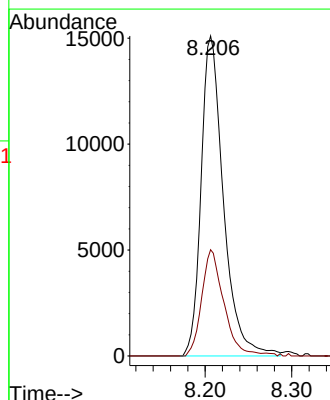
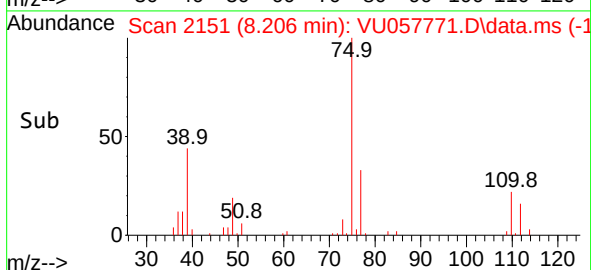
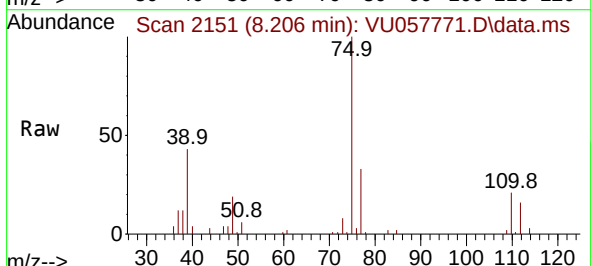
Manual Integrations  
APPROVED

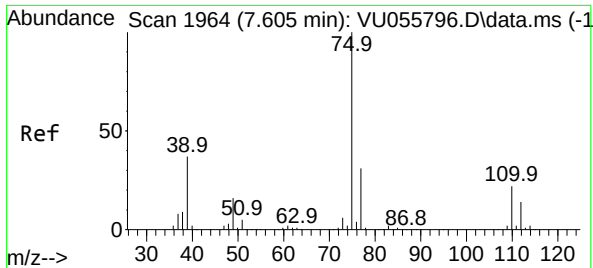
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#50  
t-1,3-Dichloropropene  
Concen: 1.991 ug/l  
RT: 8.206 min Scan# 2151  
Delta R.T. 0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion: 75 Resp: 27104  
Ion Ratio Lower Upper  
75 100  
77 33.2 25.3 37.9





#51  
 cis-1,3-Dichloropropene  
 Concen: 1.969 ug/l  
 RT: 7.602 min Scan# 1964  
 Delta R.T. -0.003 min  
 Lab File: VU057771.D  
 Acq: 01 Feb 2024 11:19

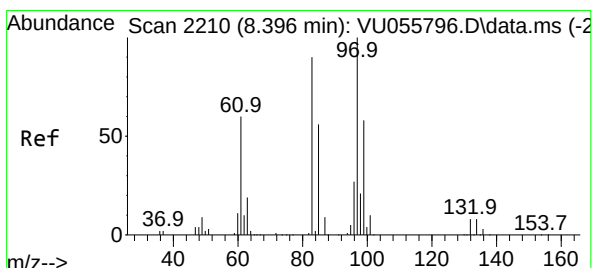
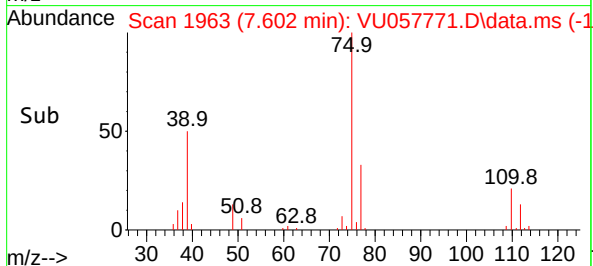
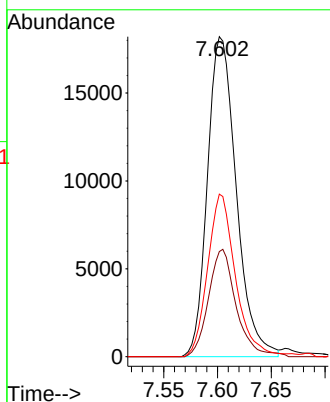
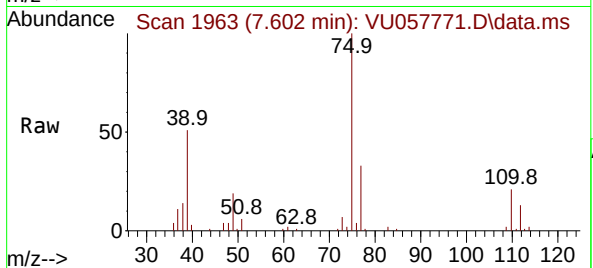
Instrument : MSVOA\_U  
 ClientSampleId : VU0201WBSD01

Tgt Ion: 75 Resp: 3394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 32.8  | 25.7  | 38.5  |
| 39  | 49.9  | 32.8  | 49.2  |

Manual Integrations  
 APPROVED

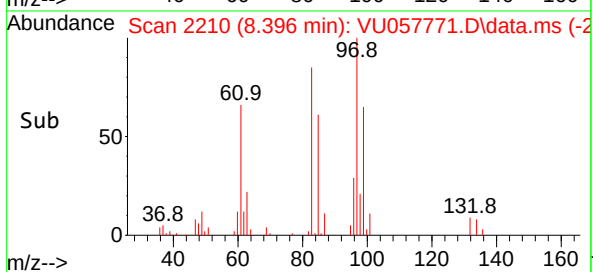
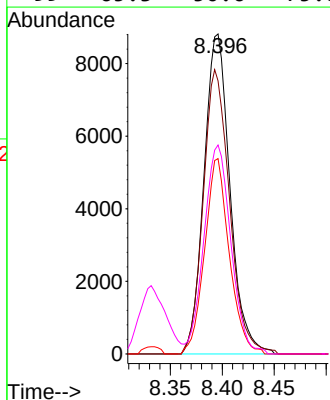
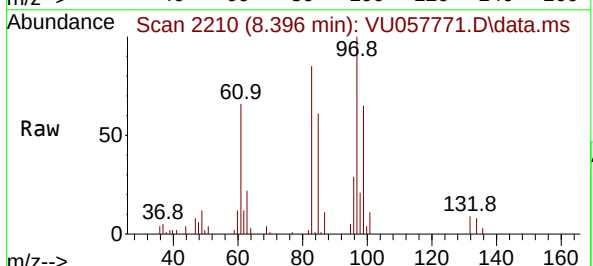
Reviewed By :Semsettin Yesilyurt 02/08/2024  
 Supervised By :Mahesh Dadoda 02/08/2024

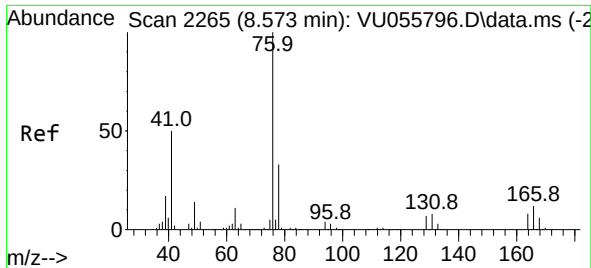


#52  
 1,1,2-Trichloroethane  
 Concen: 1.975 ug/l  
 RT: 8.396 min Scan# 2210  
 Delta R.T. -0.000 min  
 Lab File: VU057771.D  
 Acq: 01 Feb 2024 11:19

Tgt Ion: 97 Resp: 15326

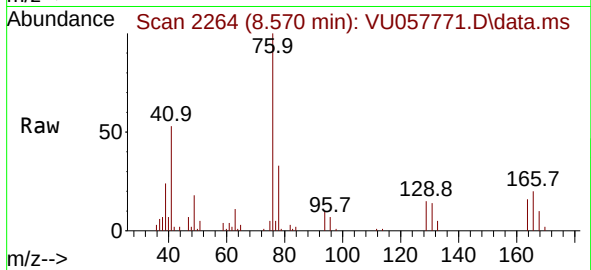
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.3  | 71.8  | 107.8 |
| 85  | 61.0  | 45.2  | 67.8  |
| 99  | 65.3  | 50.6  | 75.8  |





#53  
1,3-Dichloropropane  
Concen: 2.008 ug/l  
RT: 8.570 min Scan# 2100  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

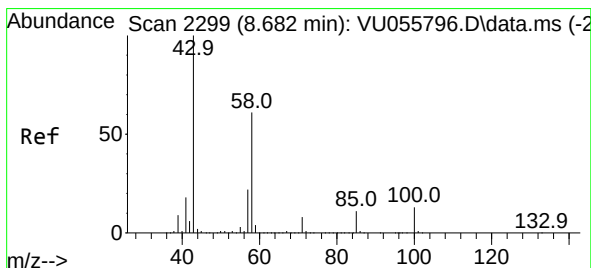
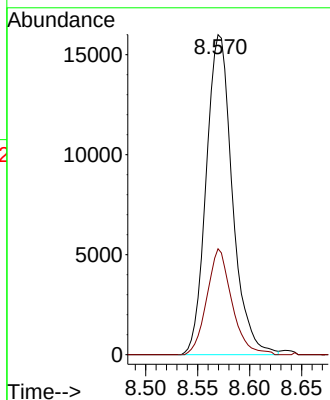
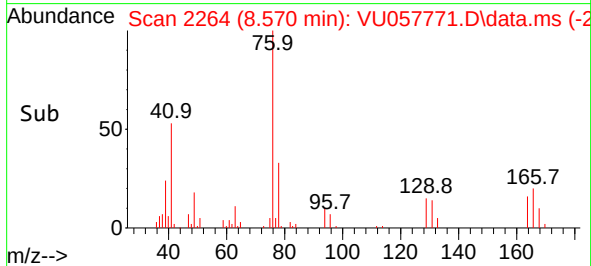
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



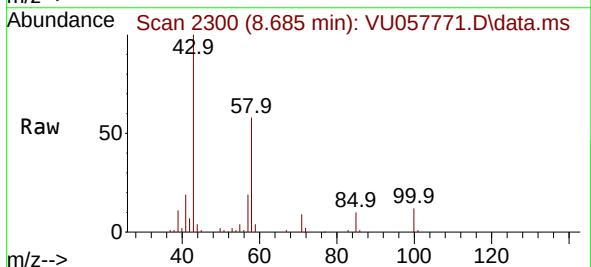
Tgt Ion: 76 Resp: 28009  
Ion Ratio Lower Upper  
76 100  
78 31.6 25.9 38.9

Manual Integrations  
APPROVED

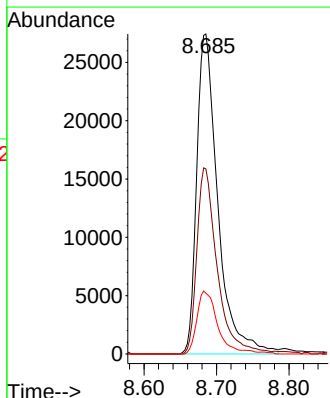
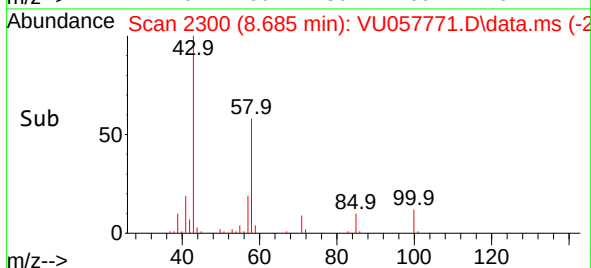
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024

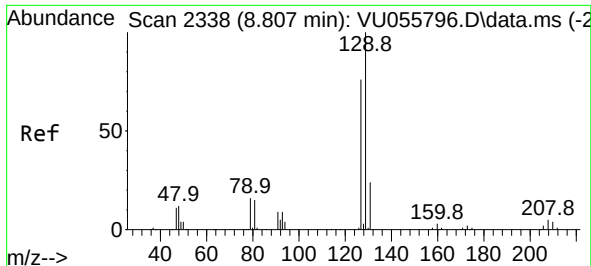


#54  
2-Hexanone  
Concen: 10.063 ug/l  
RT: 8.685 min Scan# 2300  
Delta R.T. 0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19



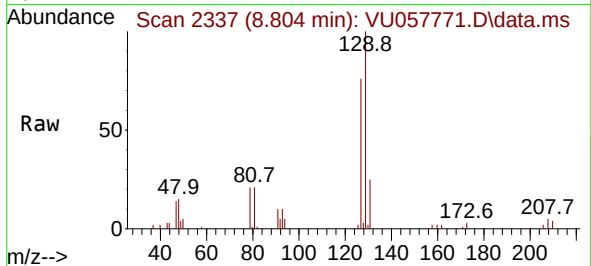
Tgt Ion: 43 Resp: 55593  
Ion Ratio Lower Upper  
43 100  
58 55.7 38.2 78.2  
57 19.3 0.0 39.1





#55  
Dibromochloromethane  
Concen: 1.916 ug/l  
RT: 8.804 min Scan# 2337  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

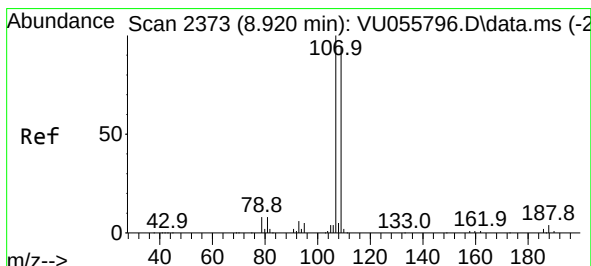
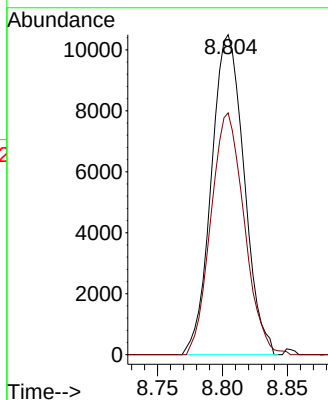
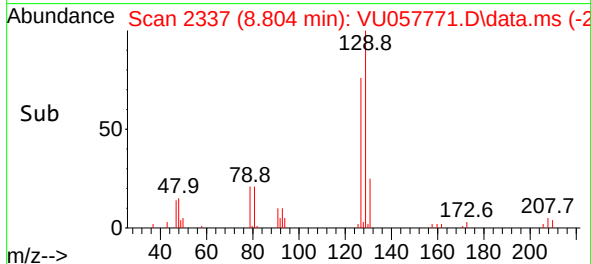
Instrument : MSVOA\_U  
ClientSampleId : VU0201WBSD01



Tgt Ion:129 Resp: 1839  
Ion Ratio Lower Upper  
129 100  
127 76.9 61.4 92.0

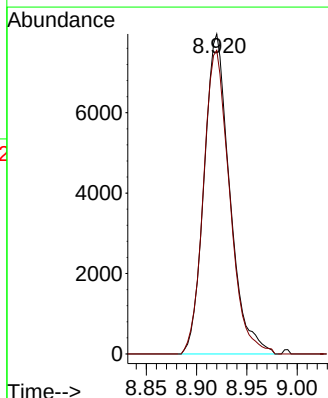
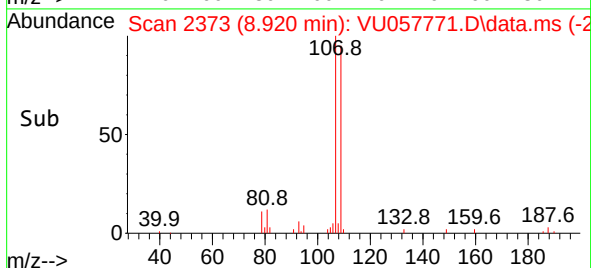
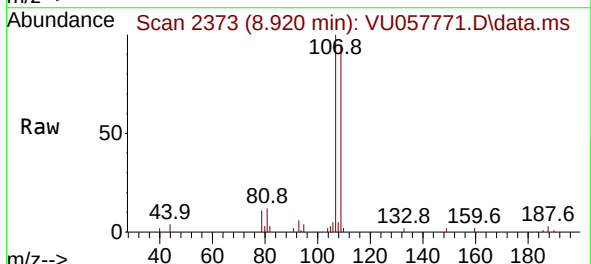
Manual Integrations  
APPROVED

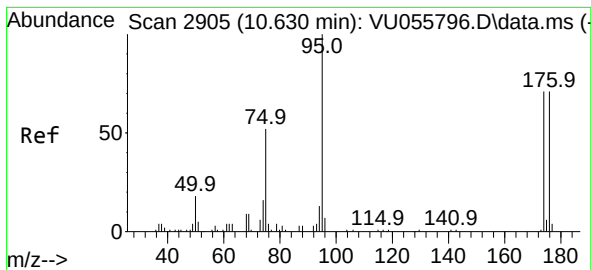
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#56  
1,2-Dibromoethane  
Concen: 1.979 ug/l  
RT: 8.920 min Scan# 2373  
Delta R.T. 0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

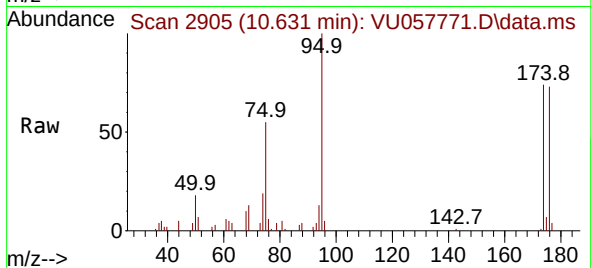
Tgt Ion:107 Resp: 14132  
Ion Ratio Lower Upper  
107 100  
109 96.7 0.0 184.4





#57  
4-Bromofluorobenzene  
Concen: 0.943 ug/l  
RT: 10.631 min Scan# 2905  
Delta R.T. 0.001 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

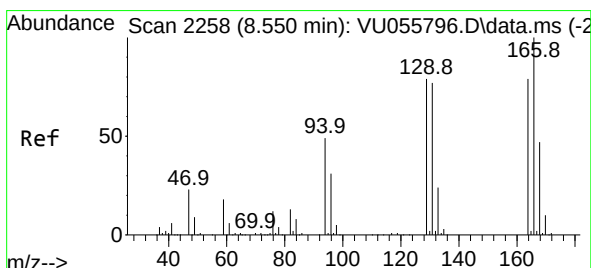
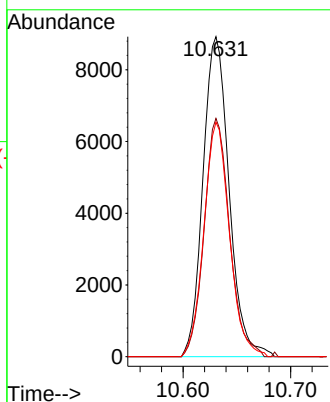
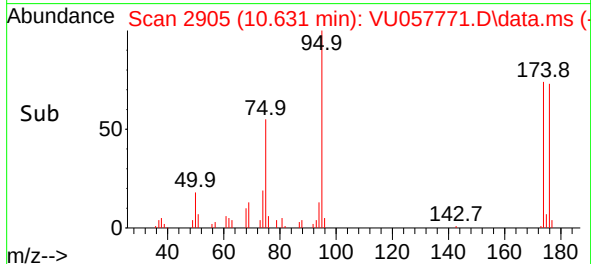
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



Tgt Ion: 95 Resp: 1505  
Ion Ratio Lower Upper  
95 100  
174 72.5 63.3 94.9  
176 71.7 59.3 88.9

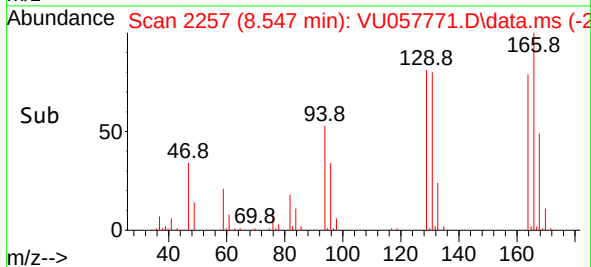
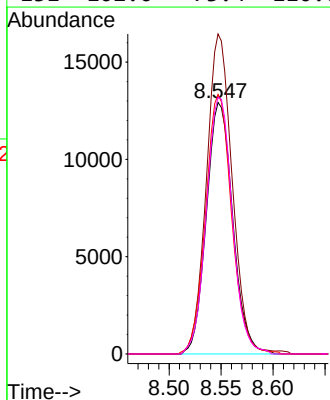
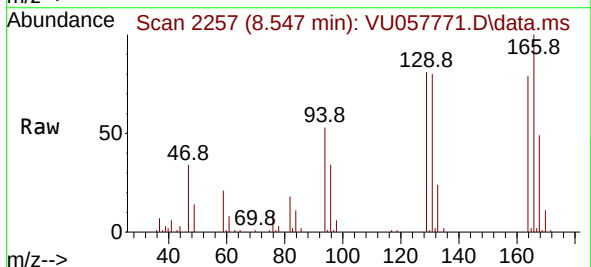
Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024

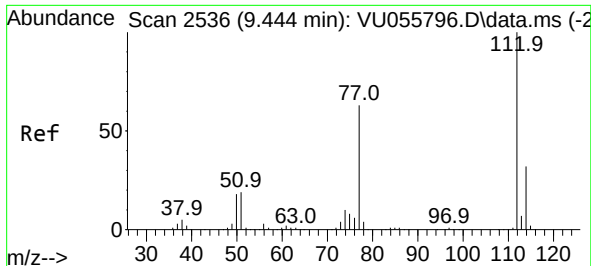


#58  
Tetrachloroethene  
Concen: 2.057 ug/l  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion:164 Resp: 22763  
Ion Ratio Lower Upper  
164 100  
166 127.2 99.6 149.4  
129 103.2 78.6 117.8  
131 102.0 73.4 110.0

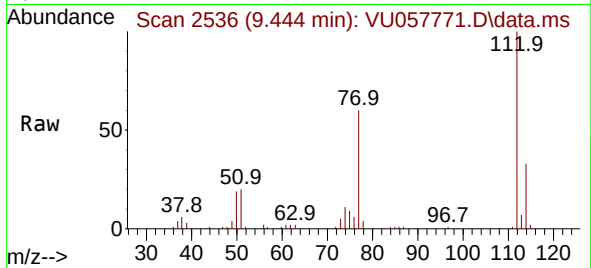






#59  
Chlorobenzene  
Concen: 2.007 ug/l  
RT: 9.444 min Scan# 2536  
Delta R.T. 0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

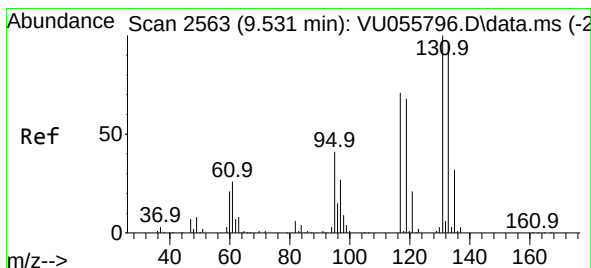
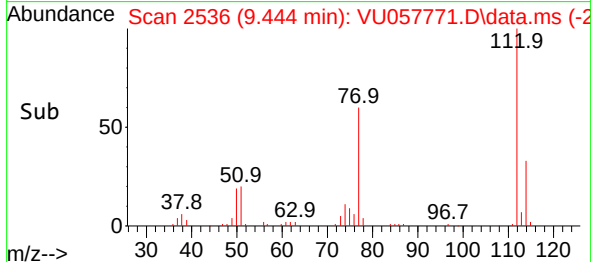
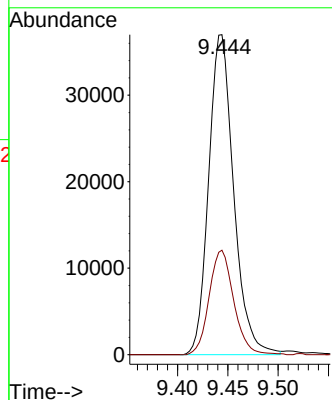
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



Tgt Ion:112 Resp: 6402  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.6 38.4

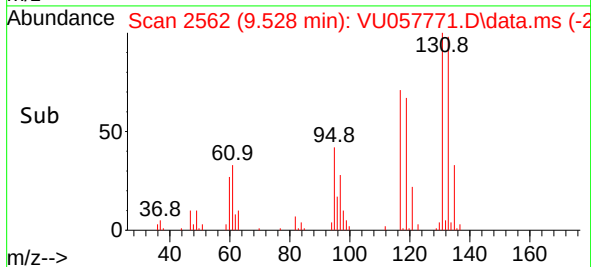
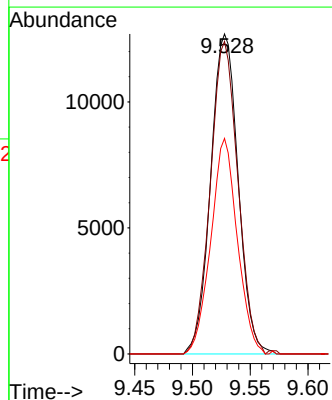
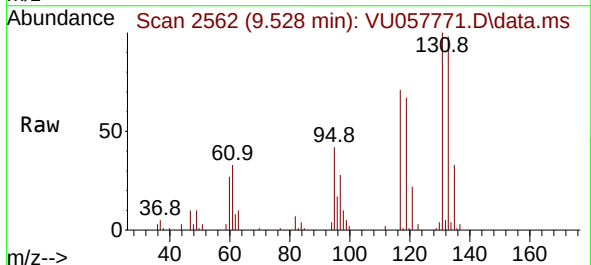
Manual Integrations  
APPROVED

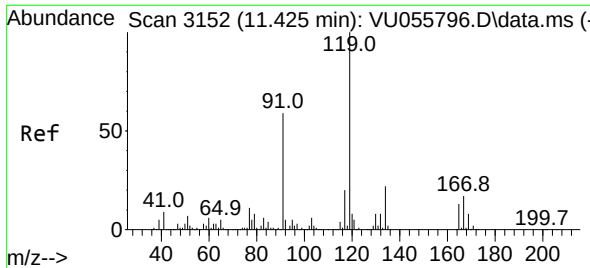
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#60  
1,1,1,2-Tetrachloroethane  
Concen: 1.936 ug/l  
RT: 9.528 min Scan# 2562  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion:131 Resp: 20965  
Ion Ratio Lower Upper  
131 100  
133 98.0 77.8 116.6  
119 65.0 55.2 82.8





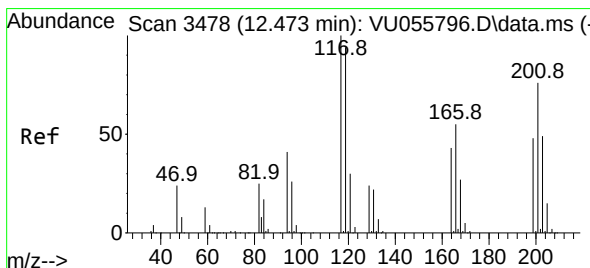
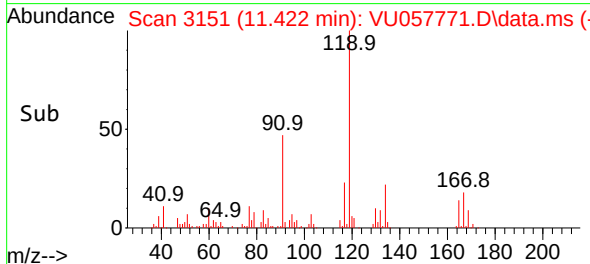
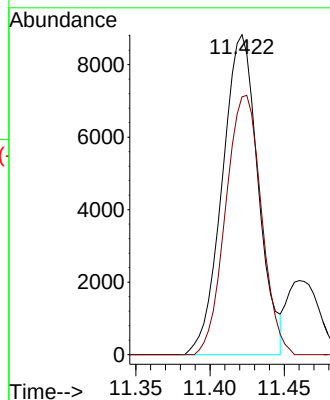
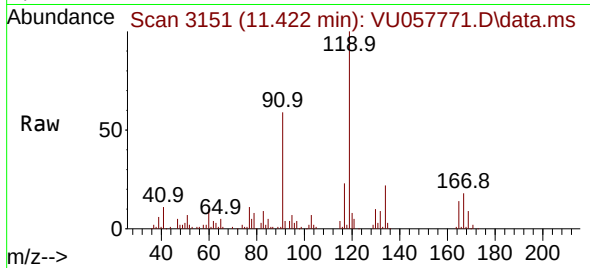
#61  
Pentachloroethane  
Concen: 1.885 ug/l  
RT: 11.422 min Scan# 3152  
Delta R.T. -0.004 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01

Tgt Ion:117 Resp: 14838  
Ion Ratio Lower Upper  
117 100  
167 80.5 56.7 85.1

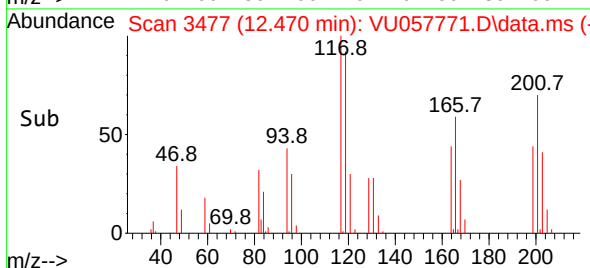
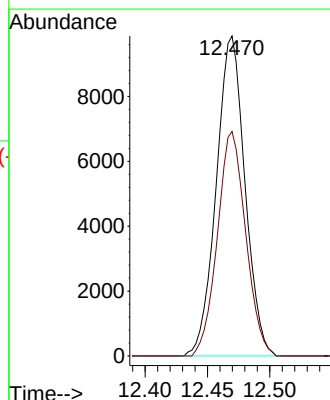
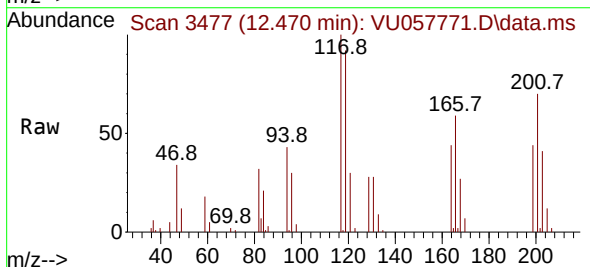
Manual Integrations  
APPROVED

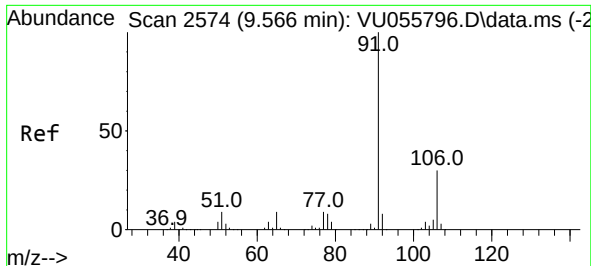
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#62  
Hexachloroethane  
Concen: 1.948 ug/l  
RT: 12.470 min Scan# 3477  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion:117 Resp: 15811  
Ion Ratio Lower Upper  
117 100  
201 69.2 59.6 89.4





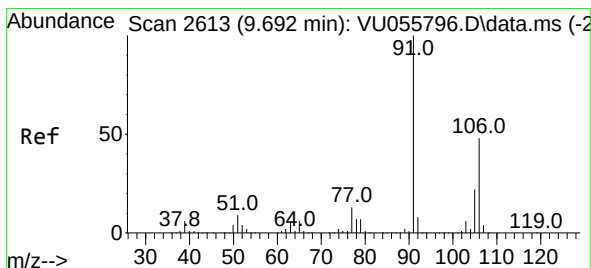
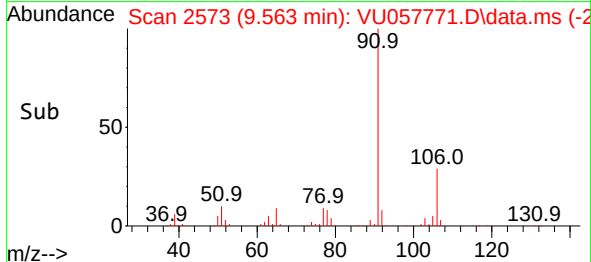
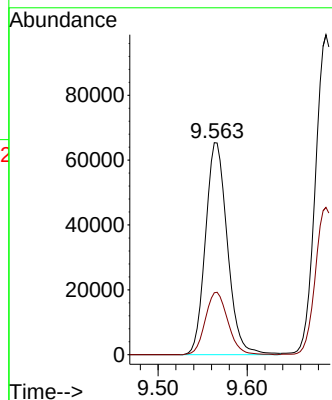
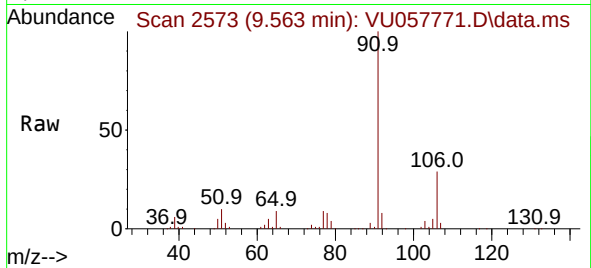
#63  
Ethyl Benzene  
Concen: 1.969 ug/l  
RT: 9.563 min Scan# 21165  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01

Tgt Ion: 91 Resp: 11165  
Ion Ratio Lower Upper  
91 100  
106 29.2 24.2 36.2

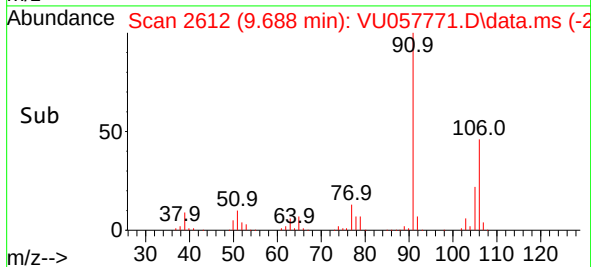
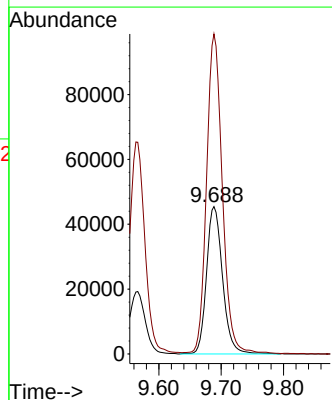
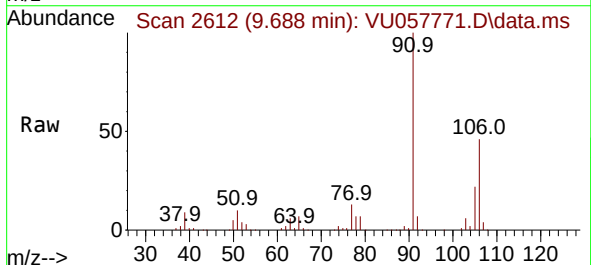
Manual Integrations  
APPROVED

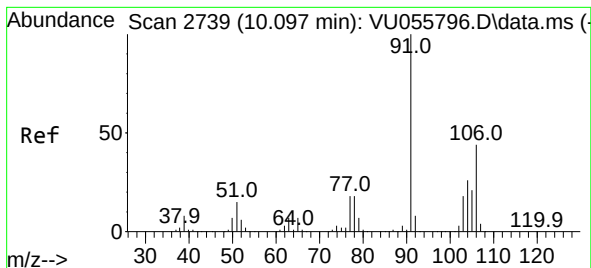
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#64  
m/p-Xylenes  
Concen: 3.947 ug/l  
RT: 9.688 min Scan# 2612  
Delta R.T. -0.004 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion:106 Resp: 81309  
Ion Ratio Lower Upper  
106 100  
91 213.2 167.3 250.9





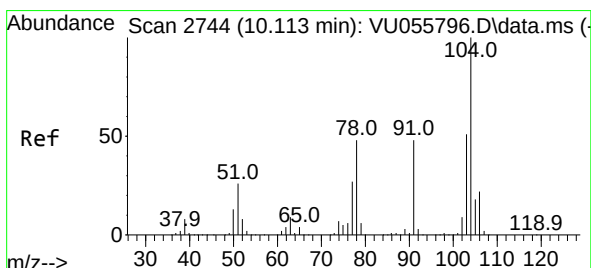
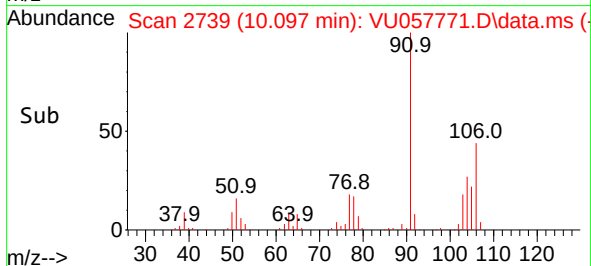
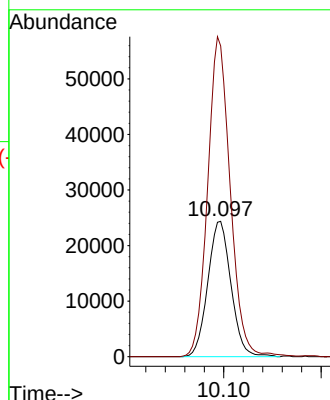
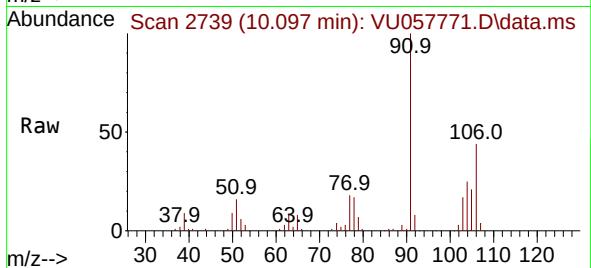
#65  
o-Xylene  
Concen: 1.973 ug/l  
RT: 10.097 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01

Tgt Ion:106 Resp: 40240  
Ion Ratio Lower Upper  
106 100  
91 230.2 109.3 327.9

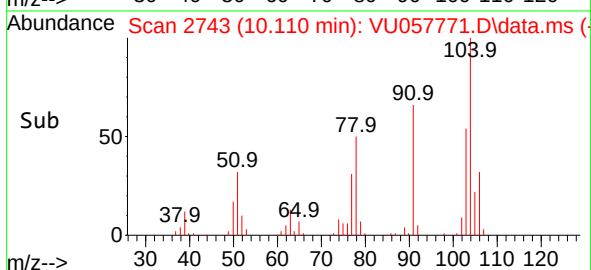
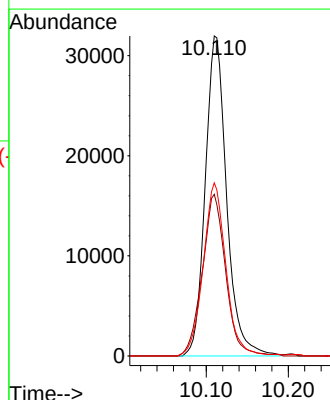
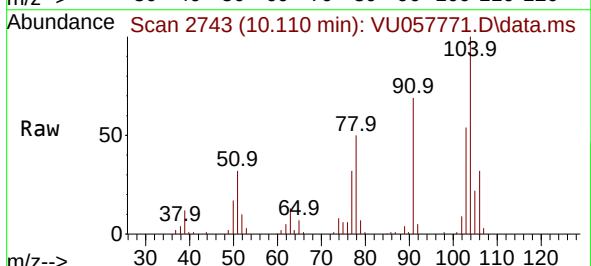
Manual Integrations  
APPROVED

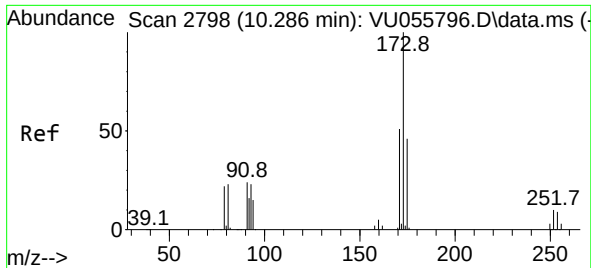
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#66  
Styrene  
Concen: 1.902 ug/l  
RT: 10.110 min Scan# 2743  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

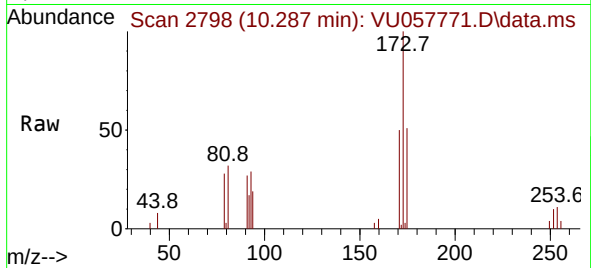
Tgt Ion:104 Resp: 57881  
Ion Ratio Lower Upper  
104 100  
78 55.0 39.7 59.5  
103 57.2 44.8 67.2





#67  
Bromoform  
Concen: 1.980 ug/l  
RT: 10.287 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

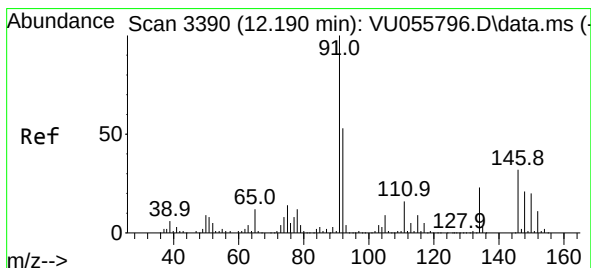
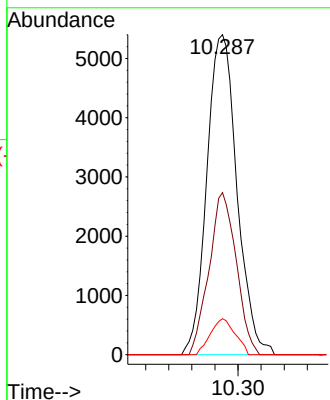
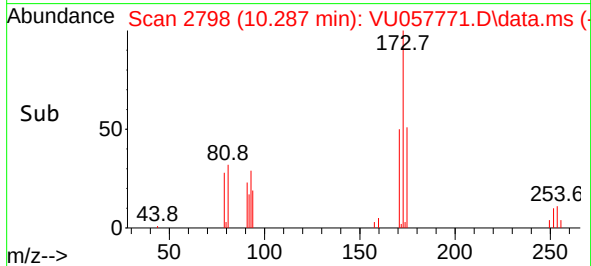
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



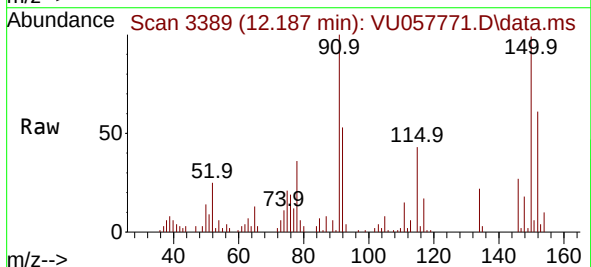
Tgt Ion:173 Resp: 9789  
Ion Ratio Lower Upper  
173 100  
175 45.6 39.0 58.6  
254 9.2 7.4 11.0

Manual Integrations  
APPROVED

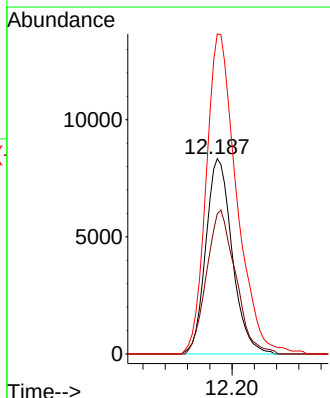
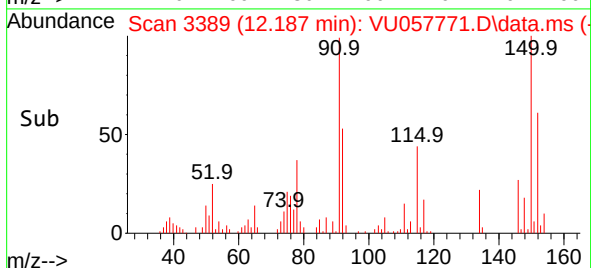
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024

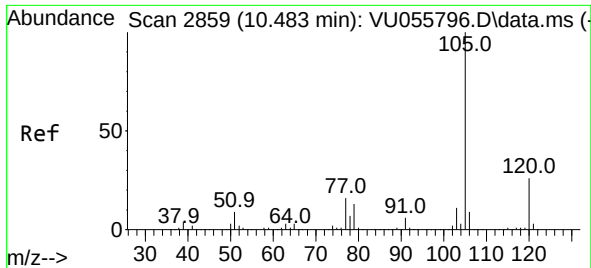


#68  
1,2-Dichlorobenzene-d4  
Concen: 0.952 ug/l  
RT: 12.187 min Scan# 3389  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19



Tgt Ion:152 Resp: 13680  
Ion Ratio Lower Upper  
152 100  
115 81.4 0.0 308.8  
150 189.5 0.0 635.0





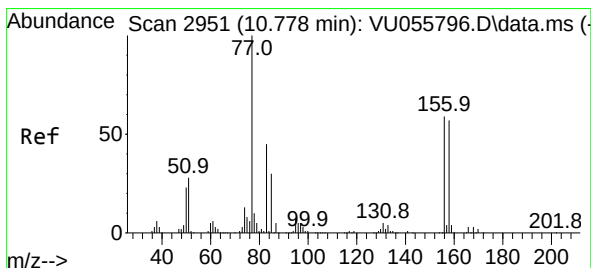
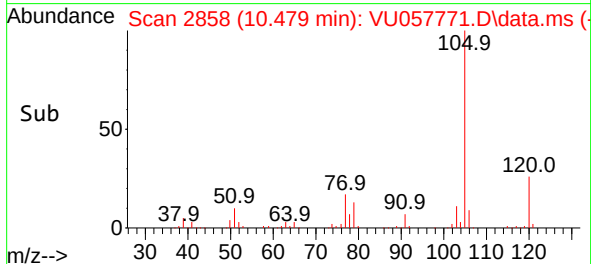
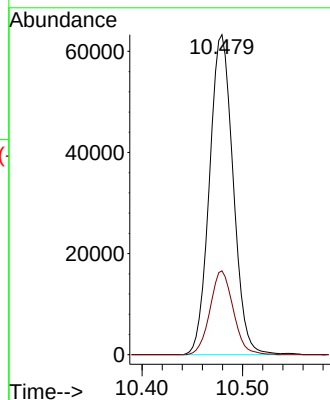
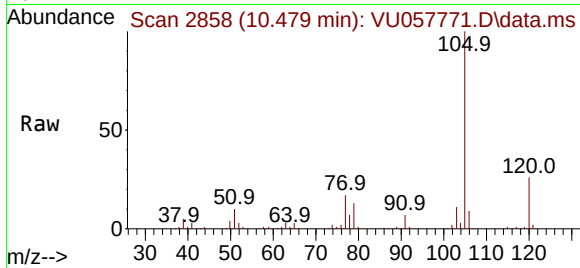
#69  
Isopropylbenzene  
Concen: 1.936 ug/l  
RT: 10.479 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01

Tgt Ion:105 Resp: 103474  
Ion Ratio Lower Upper  
105 100  
120 25.7 12.8 38.4

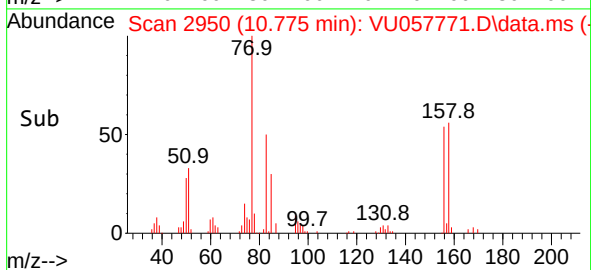
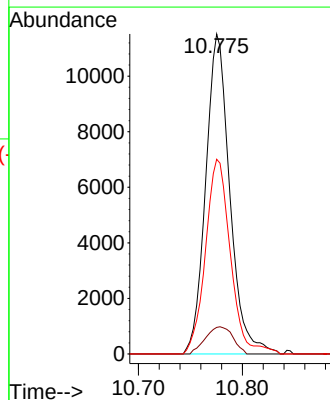
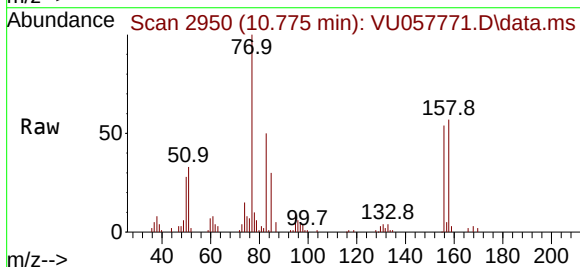
Manual Integrations  
APPROVED

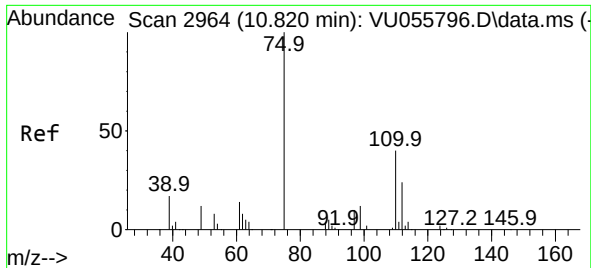
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#70  
1,1,2,2-Tetrachloroethane  
Concen: 1.908 ug/l  
RT: 10.775 min Scan# 2950  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

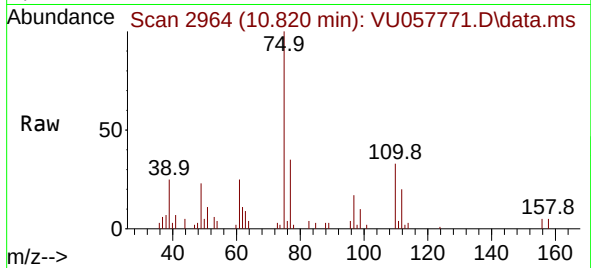
Tgt Ion: 83 Resp: 18552  
Ion Ratio Lower Upper  
83 100  
131 9.7 7.2 10.8  
85 63.1 50.5 75.7





#71  
1,2,3-Trichloropropane  
Concen: 1.857 ug/l m  
RT: 10.820 min Scan# 2964  
Delta R.T. 0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

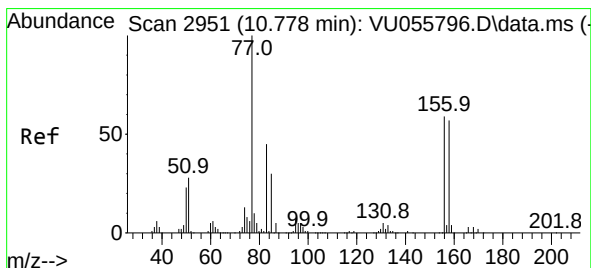
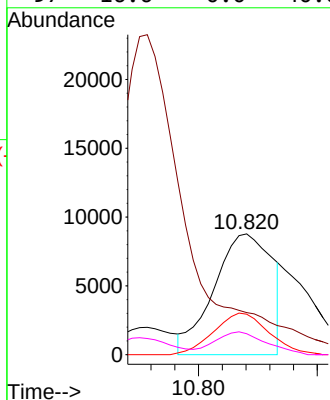
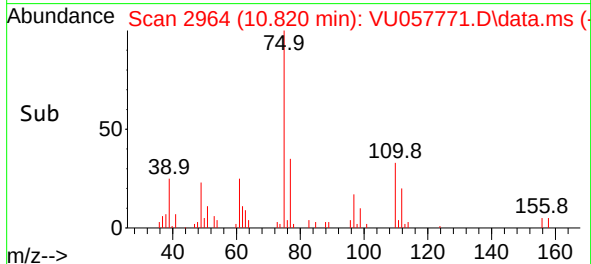
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



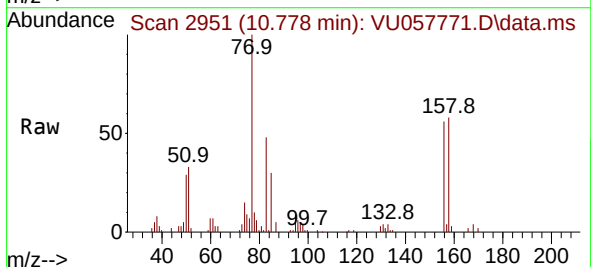
| Tgt Ion:  | 75    | Resp: | 1491  |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 116.4 |
| 110       | 32.7  | 0.0   | 74.6  |
| 97        | 16.6  | 0.0   | 40.0  |

Manual Integrations  
APPROVED

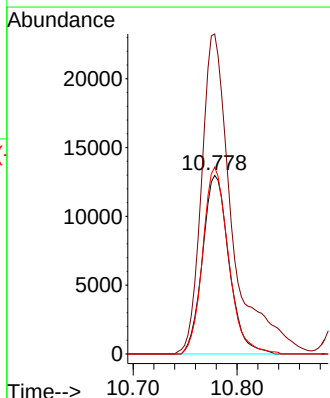
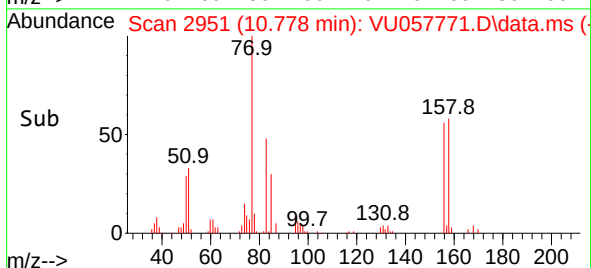
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024

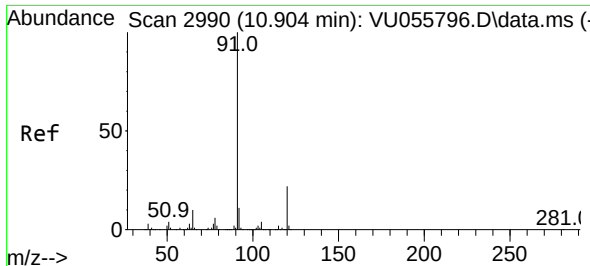


#72  
Bromobenzene  
Concen: 1.952 ug/l  
RT: 10.778 min Scan# 2951  
Delta R.T. 0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19



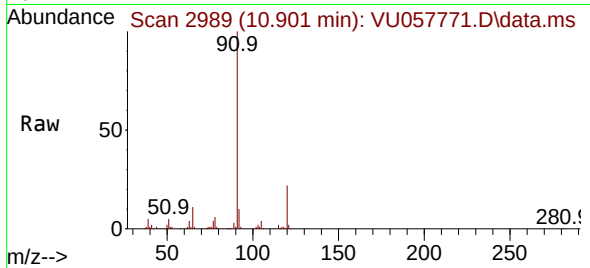
| Tgt Ion:  | 156   | Resp: | 22966 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 208.2 | 0.0   | 343.0 |
| 158       | 101.8 | 0.0   | 194.8 |





#73  
n-propylbenzene  
Concen: 1.867 ug/l  
RT: 10.901 min Scan# 2990  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

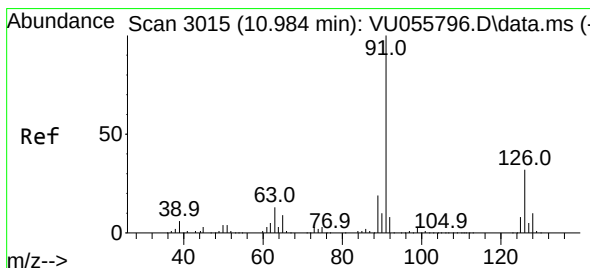
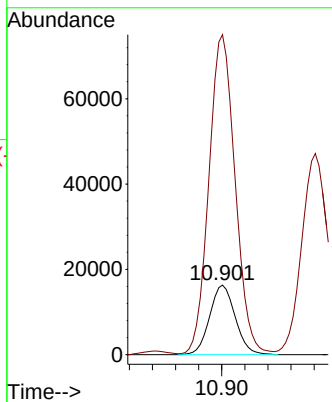
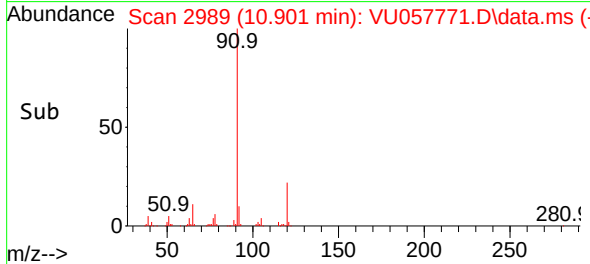
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



Tgt Ion:120 Resp: 2507  
Ion Ratio Lower Upper  
120 100  
91 469.3 369.8 554.6

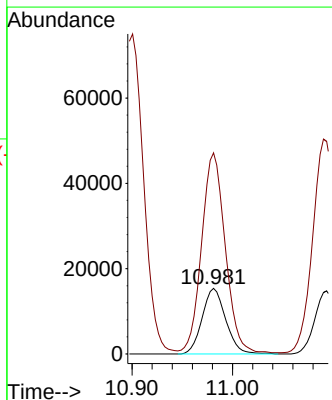
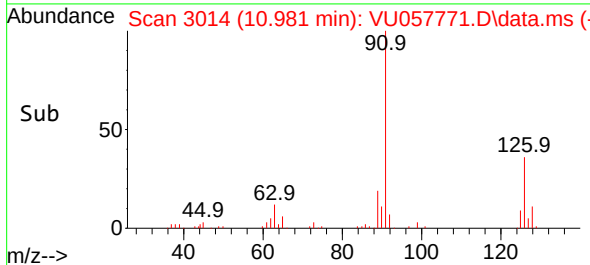
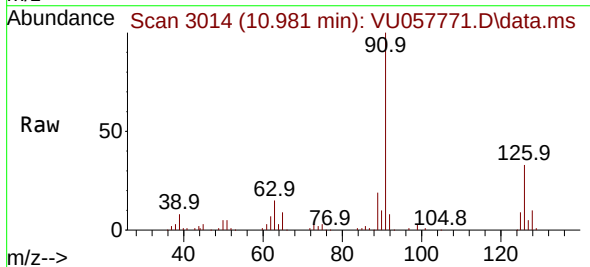
Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024

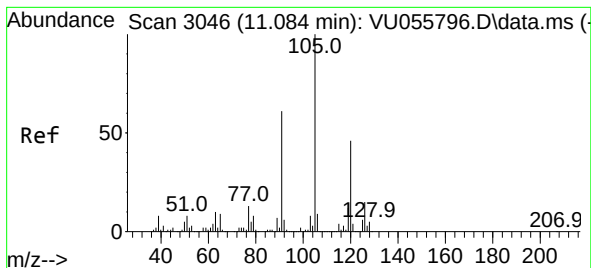


#74  
2-Chlorotoluene  
Concen: 2.007 ug/l  
RT: 10.981 min Scan# 3014  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion:126 Resp: 25006  
Ion Ratio Lower Upper  
126 100  
91 306.7 0.0 610.0







#75

1,3,5-Trimethylbenzene

Concen: 1.966 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0201WBSD01

Tgt Ion:105 Resp: 9029

Ion Ratio Lower Upper

105 100

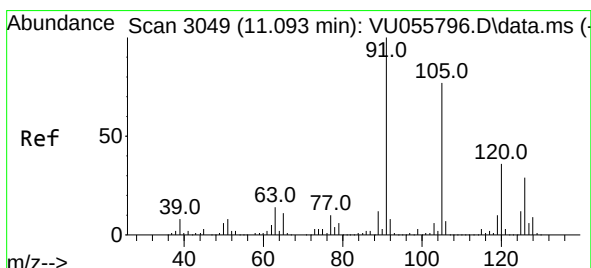
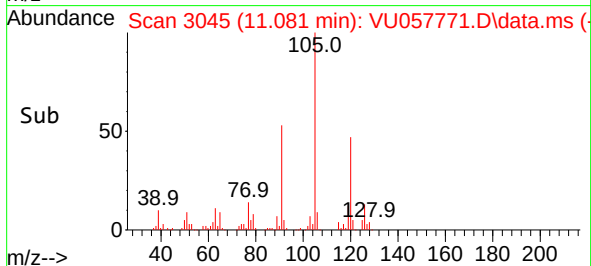
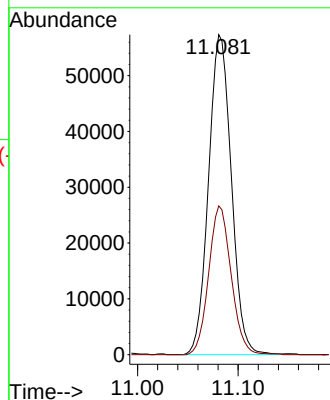
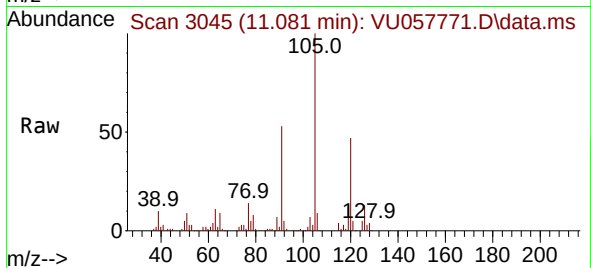
120 45.9 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#76

4-Chlorotoluene

Concen: 1.944 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.001 min

Lab File: VU057771.D

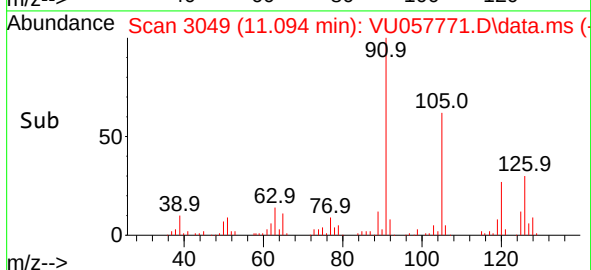
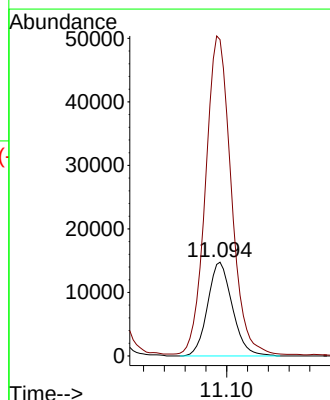
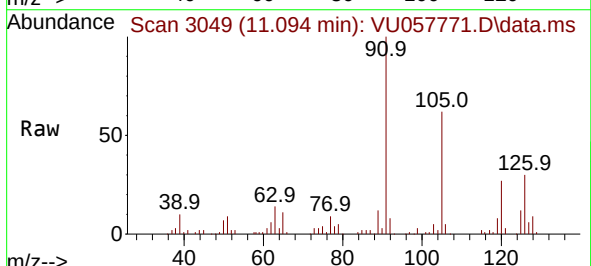
Acq: 01 Feb 2024 11:19

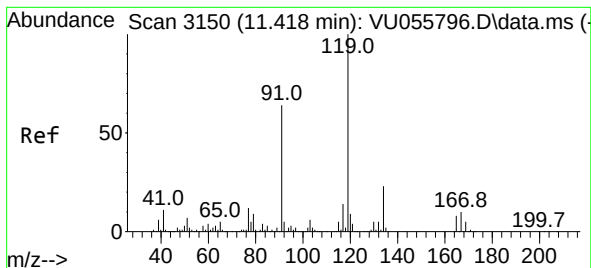
Tgt Ion:126 Resp: 24341

Ion Ratio Lower Upper

126 100

91 354.0 0.0 686.2





#77

tert-Butylbenzene

Concen: 1.898 ug/l

RT: 11.415 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

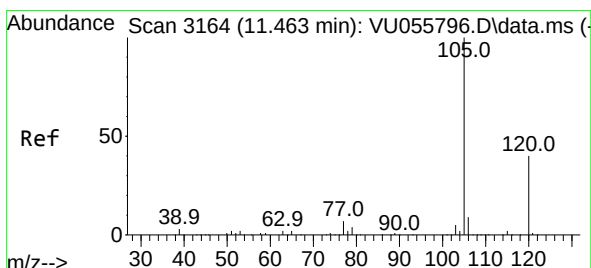
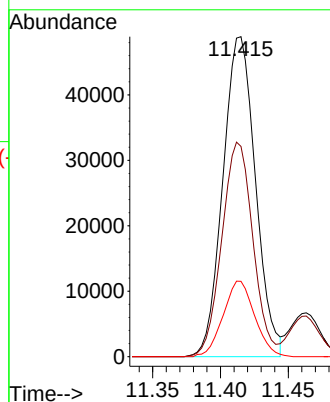
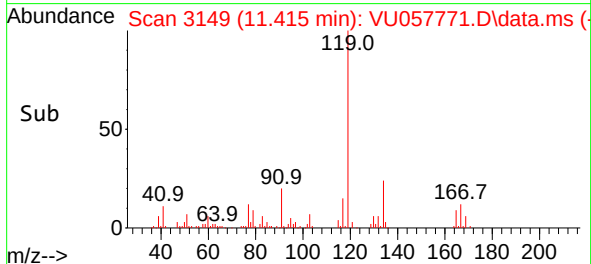
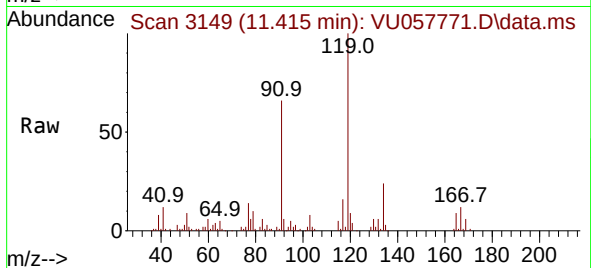
VU0201WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 81804 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 63.8  | 30.8  | 92.4  |
| 134       | 22.9  | 18.0  | 27.0  |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#78

1,2,4-Trimethylbenzene

Concen: 1.946 ug/l

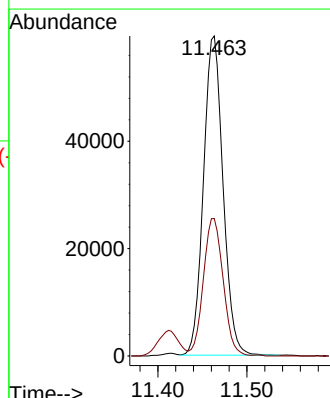
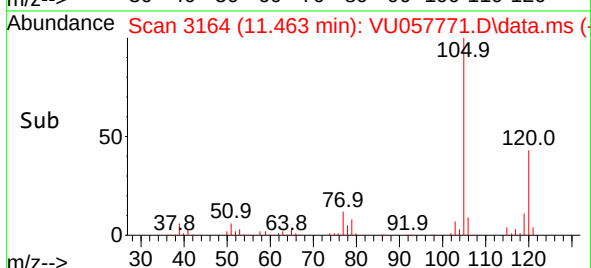
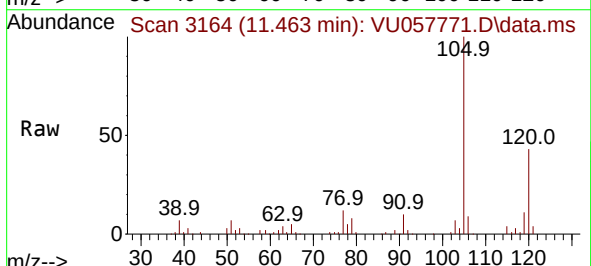
RT: 11.463 min Scan# 3164

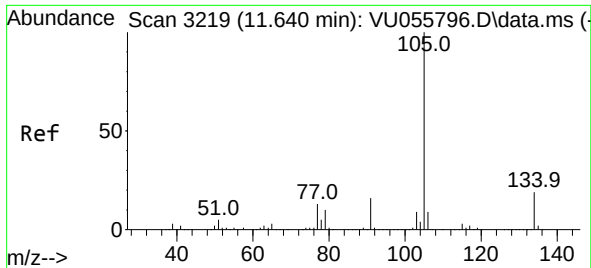
Delta R.T. 0.000 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 90643 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 43.1  | 21.9  | 65.8  |





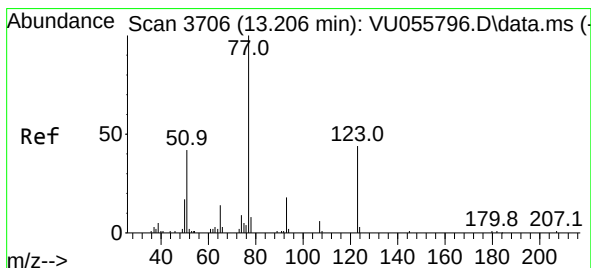
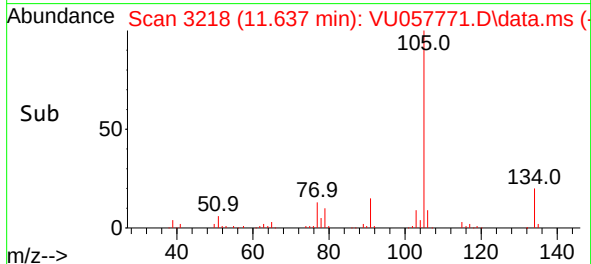
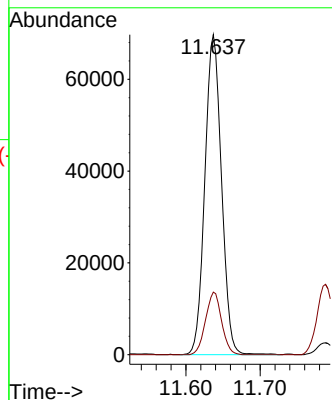
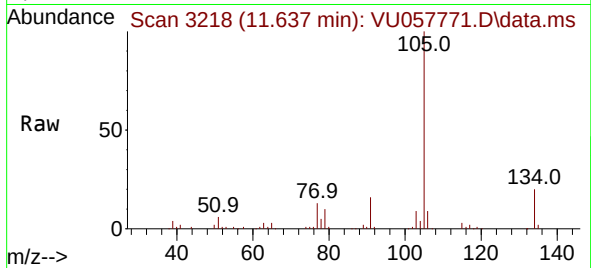
#79  
sec-Butylbenzene  
Concen: 1.964 ug/l  
RT: 11.637 min Scan# 3111  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01

Tgt Ion:105 Resp: 108164  
Ion Ratio Lower Upper  
105 100  
134 18.8 14.9 22.3

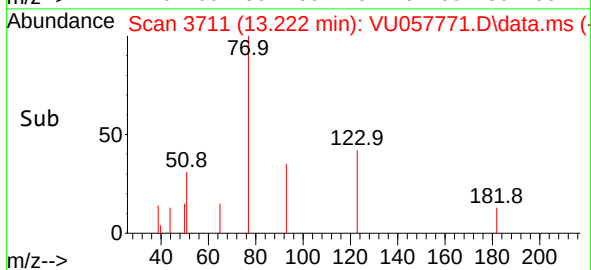
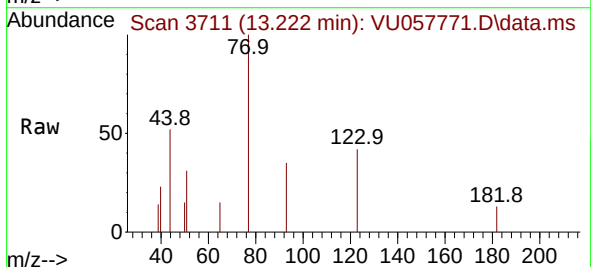
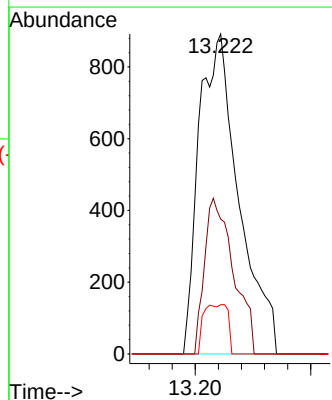
Manual Integrations  
APPROVED

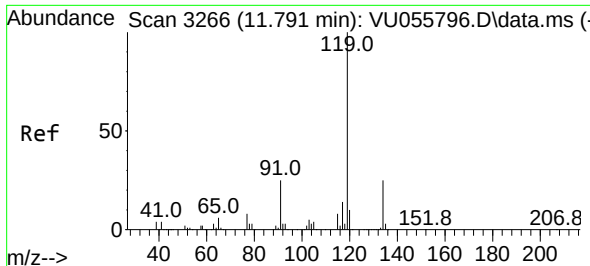
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#80  
Nitrobenzene  
Concen: 11.181 ug/l  
RT: 13.222 min Scan# 3711  
Delta R.T. 0.016 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Tgt Ion: 77 Resp: 2134  
Ion Ratio Lower Upper  
77 100  
123 35.5 19.7 69.7  
65 9.3 11.5 14.7#





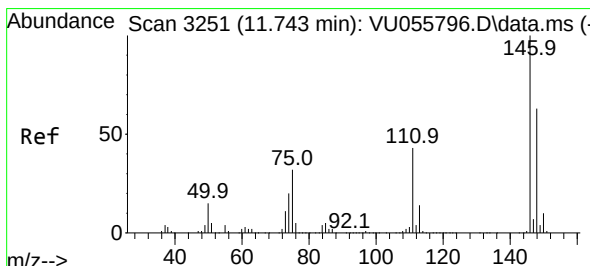
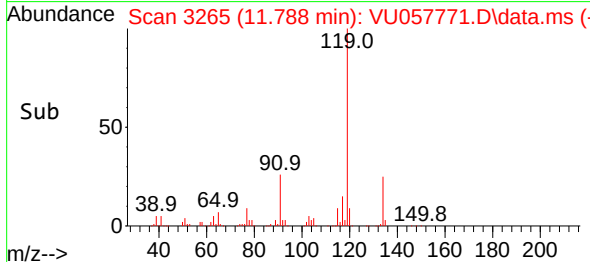
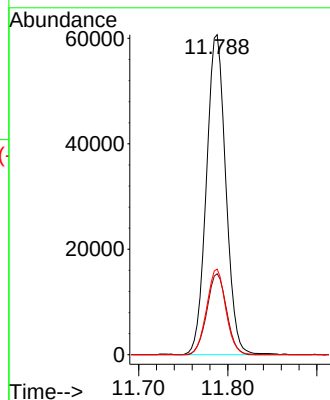
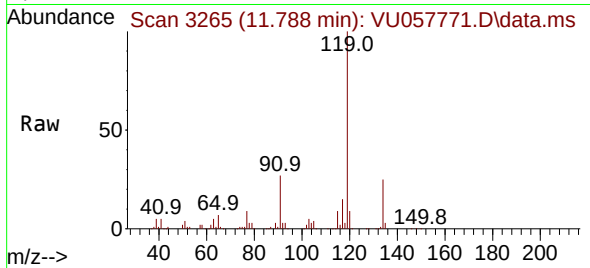
#81  
p-Isopropyltoluene  
Concen: 1.975 ug/l  
RT: 11.788 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01

Tgt Ion:119 Resp: 9170  
Ion Ratio Lower Upper  
119 100  
134 25.6 20.2 30.4  
91 26.4 19.3 28.9

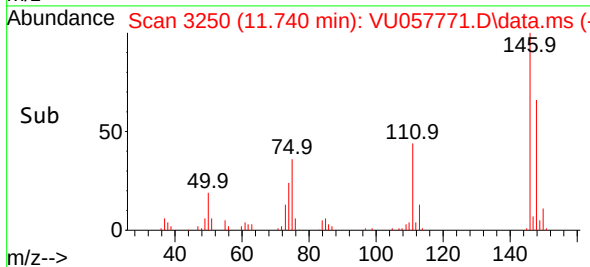
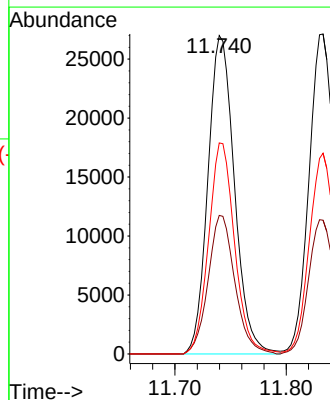
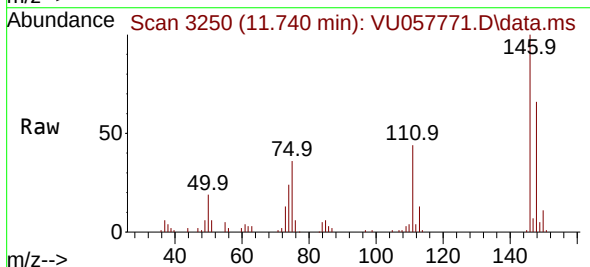
Manual Integrations  
APPROVED

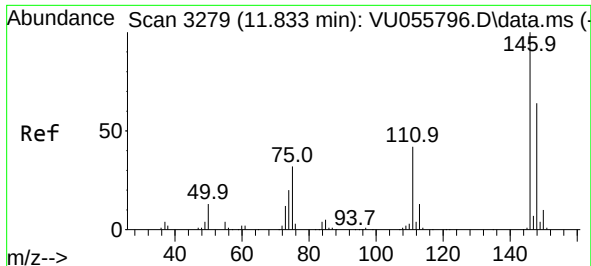
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#82  
1,3-Dichlorobenzene  
Concen: 1.880 ug/l  
RT: 11.740 min Scan# 3250  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

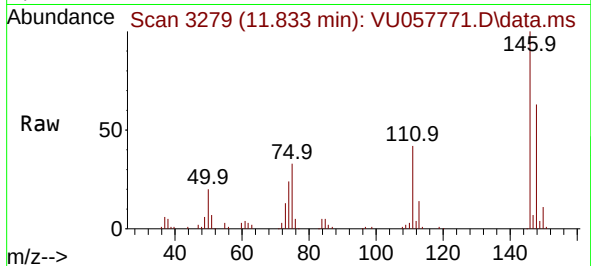
Tgt Ion:146 Resp: 44707  
Ion Ratio Lower Upper  
146 100  
111 43.8 32.6 49.0  
148 65.0 51.0 76.4





#83  
1,4-Dichlorobenzene  
Concen: 1.980 ug/l  
RT: 11.833 min Scan# 3279  
Delta R.T. 0.000 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19

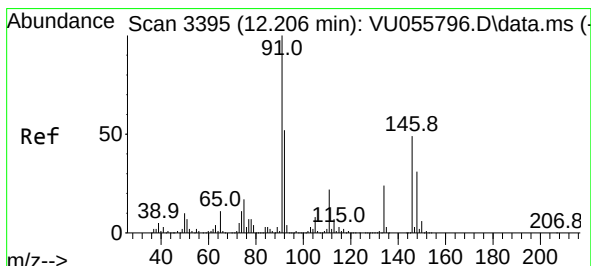
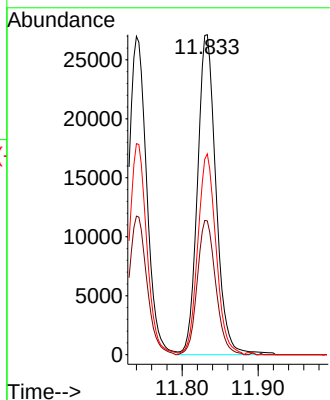
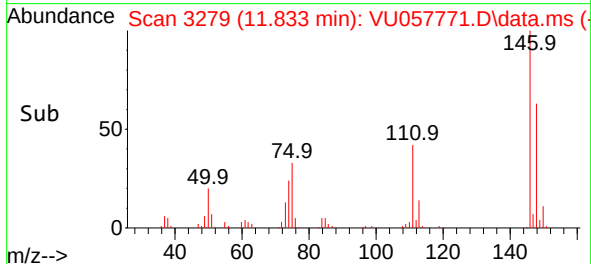
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0201WBSD01



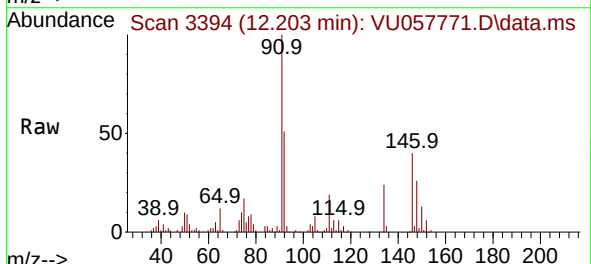
Tgt Ion:146 Resp: 45972  
Ion Ratio Lower Upper  
146 100  
111 41.6 31.6 47.4  
148 61.8 50.3 75.5

Manual Integrations  
APPROVED

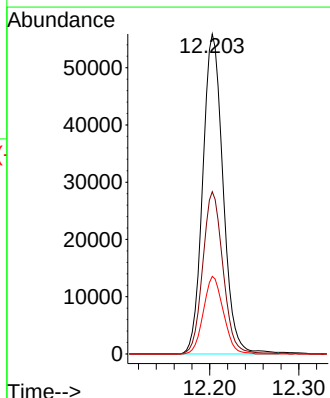
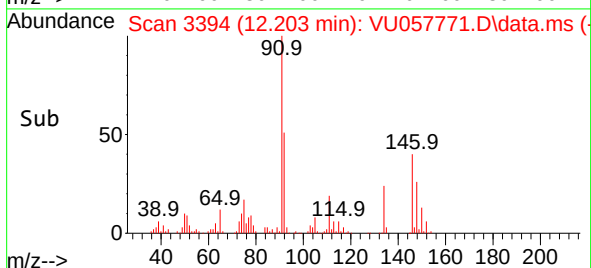
Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024

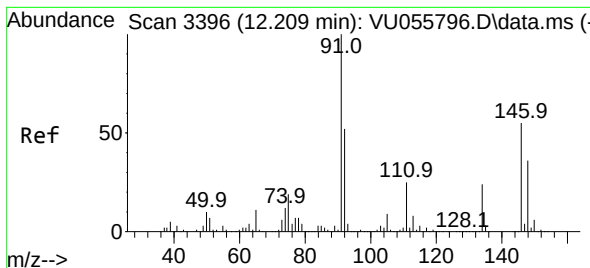


#84  
n-Butylbenzene  
Concen: 1.988 ug/l  
RT: 12.203 min Scan# 3394  
Delta R.T. -0.003 min  
Lab File: VU057771.D  
Acq: 01 Feb 2024 11:19



Tgt Ion: 91 Resp: 88264  
Ion Ratio Lower Upper  
91 100  
92 50.7 40.8 61.2  
134 23.7 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 1.938 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

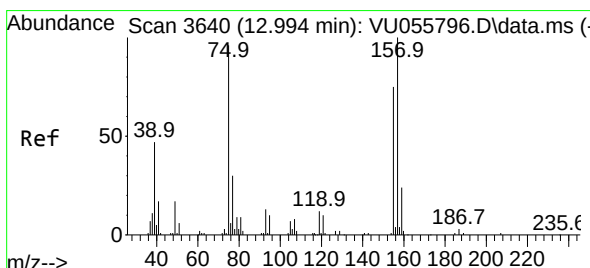
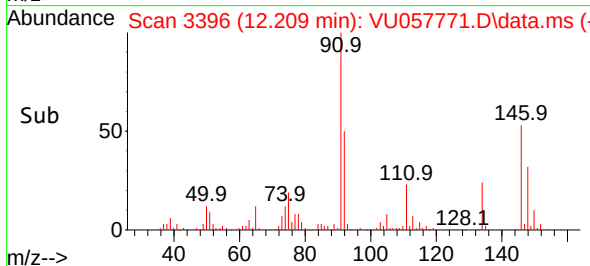
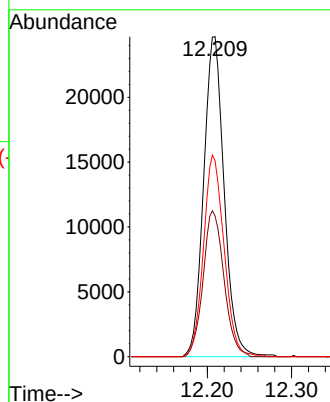
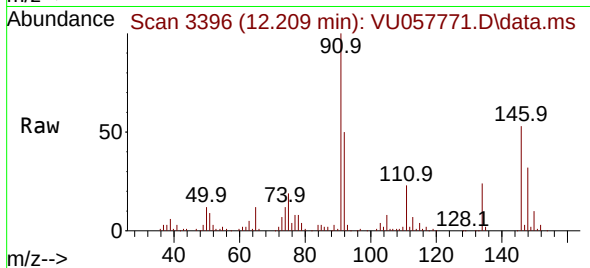
VU0201WBSD01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 146   | Resp: | 4182 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 111       | 46.4  | 21.6  | 64.6 |
| 148       | 63.3  | 32.1  | 96.5 |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.842 ug/l

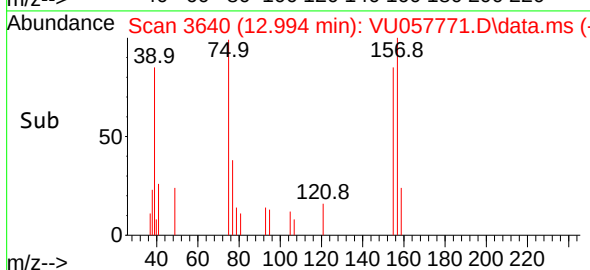
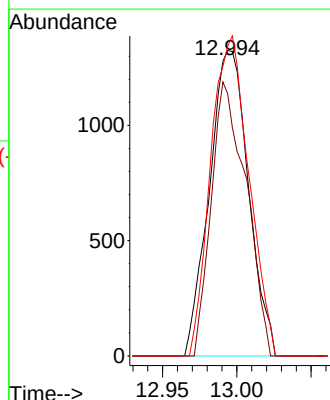
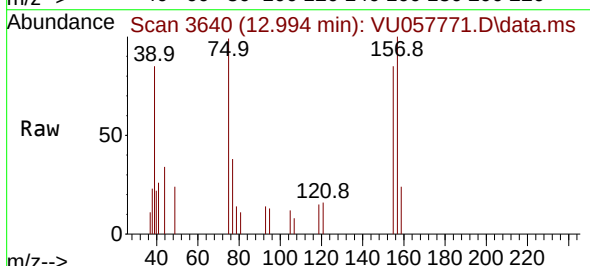
RT: 12.994 min Scan# 3640

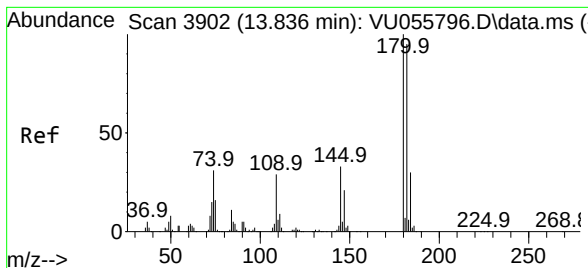
Delta R.T. -0.000 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 2422  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 80.0  | 61.8  | 92.8  |
| 157       | 102.3 | 80.2  | 120.4 |





#87

1,2,4-Trichlorobenzene

Concen: 1.960 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

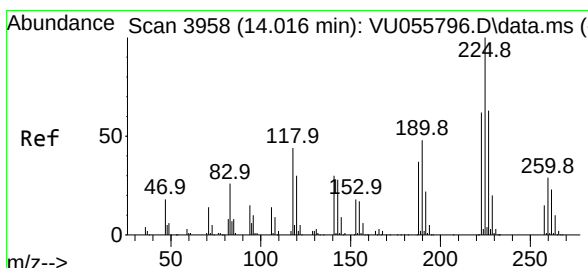
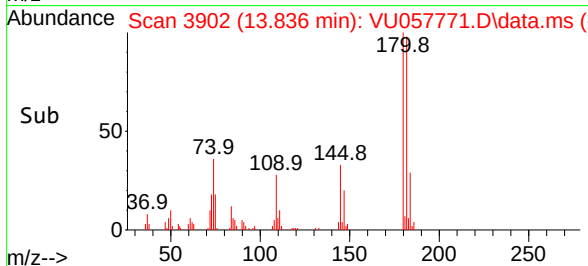
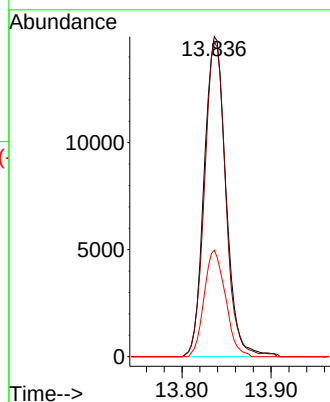
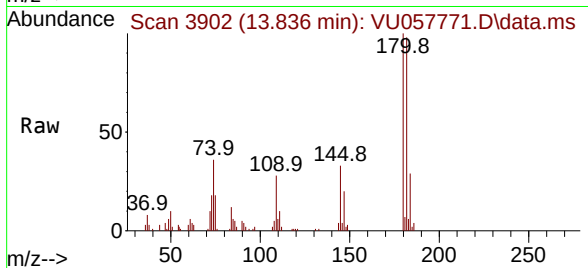
VU0201WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 2527  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.8  | 75.8  | 113.6 |
| 145       | 32.6  | 23.9  | 35.9  |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#88

Hexachlorobutadiene

Concen: 1.984 ug/l

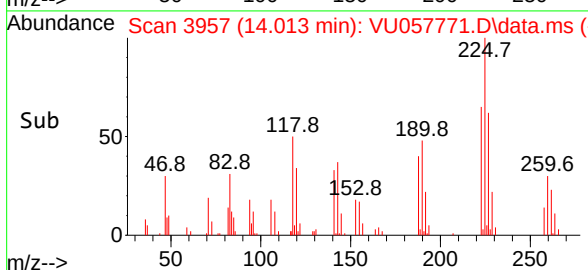
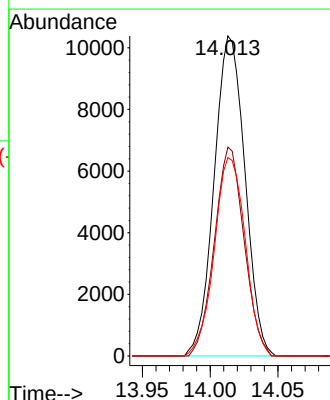
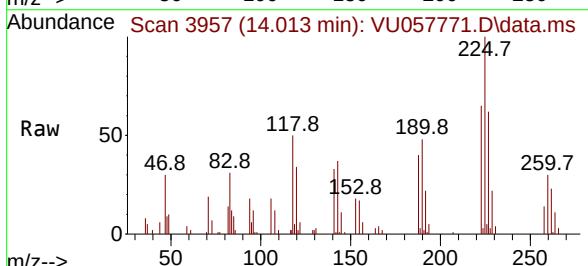
RT: 14.013 min Scan# 3957

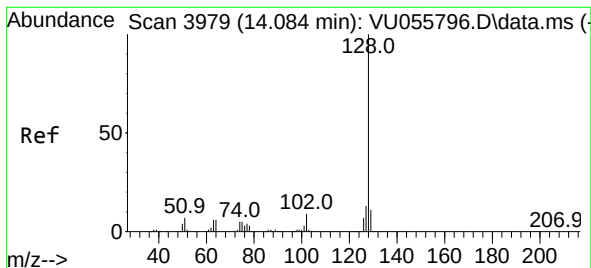
Delta R.T. -0.003 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 16411 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.9  | 50.2  | 75.4  |
| 227       | 62.3  | 51.5  | 77.3  |





#89

Naphthalene

Concen: 1.898 ug/l

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

Instrument :

MSVOA\_U

ClientSampleId :

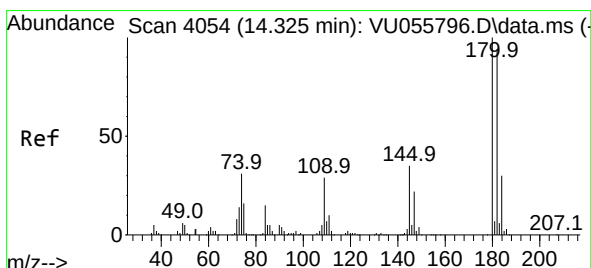
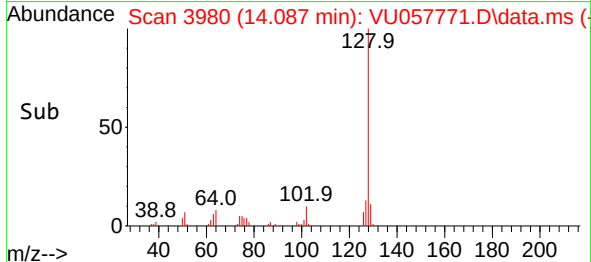
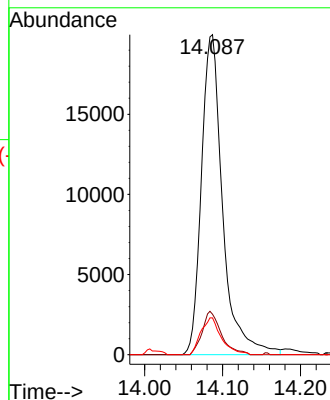
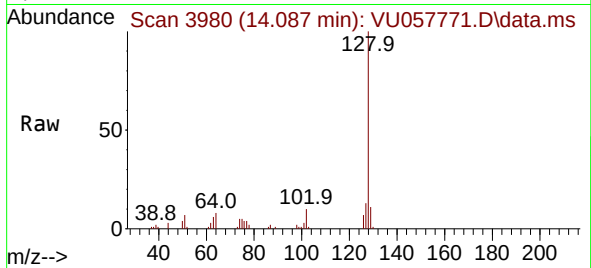
VU0201WBSD01

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 3778      |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 12.2  | 10.9 16.3 |
| 129         | 11.1  | 8.6 12.8  |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024  
Supervised By :Mahesh Dadoda 02/08/2024



#90

1,2,3-Trichlorobenzene

Concen: 1.947 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU057771.D

Acq: 01 Feb 2024 11:19

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 20889      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.6  | 75.7 113.5 |
| 145         | 33.9  | 26.1 39.1  |

