

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102124\  
 Data File : VU061169.D  
 Acq On : 21 Oct 2024 13:50  
 Operator : MD/SY  
 Sample : VU1021WBS01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1021WBS01

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024  
 Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 22 01:21:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U101724DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Fri Oct 18 02:52:28 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Fluorobenzene             | 6.110  | 96   | 27841    | 1.000  | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 57) 4-Bromofluorobenzene     | 10.627 | 95   | 14573    | 0.985  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 98.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.187 | 152  | 14167    | 0.972  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 97.000% |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.383  | 85   | 30078    | 1.962  | ug/l    | 99       |
| 3) Chloromethane             | 1.515  | 50   | 27989    | 1.919  | ug/l    | 100      |
| 4) Vinyl Chloride            | 1.602  | 62   | 28692    | 1.915  | ug/l    | 97       |
| 5) Bromomethane              | 1.856  | 94   | 19308    | 2.051  | ug/l    | 94       |
| 6) Chloroethane              | 1.930  | 64   | 20620    | 2.054  | ug/l    | 99       |
| 7) Trichlorofluoromethane    | 2.132  | 101  | 41033    | 1.925  | ug/l    | 99       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.576  | 101  | 21812    | 2.058  | ug/l    | 98       |
| 9) 1,1-Dichloroethene        | 2.576  | 96   | 21730    | 1.967  | ug/l    | 98       |
| 10) Iodomethane              | 2.718  | 142  | 23216    | 2.146  | ug/l    | 99       |
| 11) Allyl Chloride           | 2.917  | 41   | 27245    | 1.915  | ug/l    | 99       |
| 12) Acrylonitrile            | 3.332  | 53   | 8943m    | 4.025  | ug/l    |          |
| 13) Acetone                  | 2.640  | 43   | 33710    | 11.634 | ug/l    | 98       |
| 14) Carbon Disulfide         | 2.788  | 76   | 72120    | 1.895  | ug/l    | 99       |
| 15) Methylene Chloride       | 3.039  | 84   | 27054    | 1.892  | ug/l    | 99       |
| 16) trans-1,2-Dichloroethene | 3.348  | 96   | 24961    | 1.927  | ug/l    | 96       |
| 17) 1,1-Dichloroethane       | 3.862  | 63   | 44270    | 1.927  | ug/l    | 100      |
| 18) 2-Butanone               | 4.714  | 43   | 36364    | 10.250 | ug/l    | 98       |
| 19) Cyclohexane              | 5.380  | 56   | 39506m   | 1.920  | ug/l    |          |
| 20) Methylcyclohexane        | 6.756  | 83   | 44100    | 1.922  | ug/l    | 97       |
| 21) 2,2-Dichloropropane      | 4.656  | 77   | 40241    | 1.899  | ug/l    | 99       |
| 22) cis-1,2-Dichloroethene   | 4.663  | 96   | 27891    | 1.976  | ug/l    | 96       |
| 23) Diethyl Ether            | 2.374  | 59   | 16359    | 1.906  | ug/l    | 98       |
| 24) tert-Butyl Alcohol       | 3.232  | 59   | 19134    | 21.364 | ug/l    | 99       |
| 25) Methyl tert-Butyl Ether  | 3.357  | 73   | 57173    | 1.932  | ug/l    | 99       |
| 26) Bromochloromethane       | 4.968  | 128  | 11990    | 2.032  | ug/l    | 91       |
| 27) Chloroform               | 5.081  | 83   | 47194    | 1.959  | ug/l    | 95       |
| 28) 1,1,1-Trichloroethane    | 5.309  | 97   | 40627    | 1.913  | ug/l    | 97       |
| 29) 1,1-Dichloropropene      | 5.521  | 75   | 36452    | 1.942  | ug/l    | 99       |
| 30) Carbon Tetrachloride     | 5.518  | 117  | 36198    | 1.965  | ug/l    | 99       |
| 31) Isopropyl Ether          | 3.984  | 45   | 63665    | 1.943  | ug/l    | 99       |
| 32) Ethyl-t-butyl ether      | 4.489  | 59   | 65442    | 1.942  | ug/l    | 100      |
| 33) Tert-Amyl methyl ether   | 5.933  | 73   | 58602    | 1.932  | ug/l    | 100      |
| 34) Propionitrile            | 4.801  | 54   | 8554m    | 10.106 | ug/l    |          |
| 35) Benzene                  | 5.769  | 78   | 104610   | 1.979  | ug/l    | 98       |
| 36) 1,2-Dichloroethane       | 5.788  | 62   | 29745    | 1.993  | ug/l    | 100      |
| 37) Trichloroethene          | 6.537  | 130  | 27583    | 1.955  | ug/l    | 98       |
| 38) 1,2-Dichloropropane      | 6.785  | 63   | 26640    | 1.990  | ug/l    | 98       |
| 39) Methacrylonitrile        | 4.984  | 41   | 5792     | 1.900  | ug/l    | # 95     |
| 40) Methyl acrylate          | 4.862  | 55   | 11574m   | 1.872  | ug/l    |          |
| 41) Tetrahydrofuran          | 5.058  | 42   | 7256     | 3.963  | ug/l    | # 91     |
| 42) 1-Chlorobutane           | 5.451  | 56   | 45760    | 1.900  | ug/l    | 96       |
| 43) Dibromomethane           | 6.917  | 93   | 13618    | 1.962  | ug/l    | 98       |
| 44) Bromodichloromethane     | 7.097  | 83   | 32727    | 1.939  | ug/l    | 98       |

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 Acq On : 21 Oct 2024 13:50  
 Operator : MD/SY  
 Sample : VU1021WBS01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1021WBS01

Manual Integrations  
 APPROVED

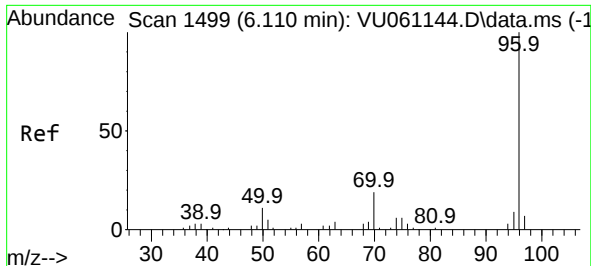
Reviewed By :Mahesh Dadoda 10/25/2024  
 Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 22 01:21:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U101724DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Fri Oct 18 02:52:28 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.785  | 43   | 65533    | 9.406  | ug/l  | 99       |
| 46) t-1,4-Dichloro-2-butene   | 10.830 | 75   | 10677m   | 3.843  | ug/l  |          |
| 47) Methyl methacrylate       | 6.959  | 69   | 23253    | 3.855  | ug/l  | 97       |
| 48) Ethyl methacrylate        | 8.332  | 69   | 24026    | 1.868  | ug/l  | 96       |
| 49) Toluene                   | 7.965  | 92   | 64821    | 1.942  | ug/l  | 99       |
| 50) t-1,3-Dichloropropene     | 8.206  | 75   | 31861    | 1.958  | ug/l  | 98       |
| 51) cis-1,3-Dichloropropene   | 7.602  | 75   | 38684    | 1.937  | ug/l  | 99       |
| 52) 1,1,2-Trichloroethane     | 8.396  | 97   | 18876    | 2.017  | ug/l  | 94       |
| 53) 1,3-Dichloropropane       | 8.569  | 76   | 32469    | 1.975  | ug/l  | 96       |
| 54) 2-Hexanone                | 8.682  | 43   | 54779    | 9.571  | ug/l  | 99       |
| 55) Dibromochloromethane      | 8.804  | 129  | 22171    | 2.006  | ug/l  | 97       |
| 56) 1,2-Dibromoethane         | 8.920  | 107  | 17332    | 1.930  | ug/l  | 99       |
| 58) Tetrachloroethene         | 8.547  | 164  | 23950    | 2.002  | ug/l  | 98       |
| 59) Chlorobenzene             | 9.441  | 112  | 70630    | 1.964  | ug/l  | 100      |
| 60) 1,1,1,2-Tetrachloroethane | 9.528  | 131  | 23589    | 1.944  | ug/l  | 99       |
| 61) Pentachloroethane         | 11.418 | 117  | 17595    | 1.895  | ug/l  | 100      |
| 62) Hexachloroethane          | 12.466 | 117  | 17681    | 1.848  | ug/l  | 98       |
| 63) Ethyl Benzene             | 9.563  | 91   | 124086   | 1.926  | ug/l  | 98       |
| 64) m/p-Xylenes               | 9.688  | 106  | 94274    | 3.845  | ug/l  | 99       |
| 65) o-Xylene                  | 10.093 | 106  | 46848    | 1.940  | ug/l  | 99       |
| 66) Styrene                   | 10.110 | 104  | 71342    | 1.899  | ug/l  | 99       |
| 67) Bromoform                 | 10.286 | 173  | 10895    | 1.883  | ug/l  | 95       |
| 69) Isopropylbenzene          | 10.476 | 105  | 112458   | 1.957  | ug/l  | 99       |
| 70) 1,1,2,2-Tetrachloroethane | 10.775 | 83   | 21995    | 1.935  | ug/l  | 98       |
| 71) 1,2,3-Trichloropropane    | 10.814 | 75   | 16924m   | 1.828  | ug/l  |          |
| 72) Bromobenzene              | 10.778 | 156  | 26870    | 1.945  | ug/l  | 85       |
| 73) n-propylbenzene           | 10.901 | 120  | 32590    | 1.944  | ug/l  | 98       |
| 74) 2-Chlorotoluene           | 10.981 | 126  | 27907    | 1.925  | ug/l  | 96       |
| 75) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 101435   | 1.958  | ug/l  | 100      |
| 76) 4-Chlorotoluene           | 11.090 | 126  | 28834    | 1.956  | ug/l  | 93       |
| 77) tert-Butylbenzene         | 11.412 | 119  | 99664    | 1.946  | ug/l  | 99       |
| 78) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 100169   | 1.915  | ug/l  | 100      |
| 79) sec-Butylbenzene          | 11.637 | 105  | 131354   | 1.970  | ug/l  | 99       |
| 80) Nitrobenzene              | 13.219 | 77   | 2002m    | 10.130 | ug/l  |          |
| 81) p-Isopropyltoluene        | 11.785 | 119  | 105144   | 1.905  | ug/l  | 100      |
| 82) 1,3-Dichlorobenzene       | 11.740 | 146  | 51140    | 1.929  | ug/l  | 98       |
| 83) 1,4-Dichlorobenzene       | 11.830 | 146  | 50514    | 1.911  | ug/l  | 99       |
| 84) n-Butylbenzene            | 12.203 | 91   | 97083    | 1.895  | ug/l  | 100      |
| 85) 1,2-Dichlorobenzene       | 12.206 | 146  | 47797    | 1.929  | ug/l  | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.990 | 75   | 3146     | 1.865  | ug/l  | 99       |
| 87) 1,2,4-Trichlorobenzene    | 13.836 | 180  | 25585    | 1.805  | ug/l  | 98       |
| 88) Hexachlorobutadiene       | 14.013 | 225  | 16207    | 2.022  | ug/l  | 98       |
| 89) Naphthalene               | 14.087 | 128  | 41779    | 1.671  | ug/l  | 98       |
| 90) 1,2,3-Trichlorobenzene    | 14.325 | 180  | 22457    | 1.764  | ug/l  | 98       |

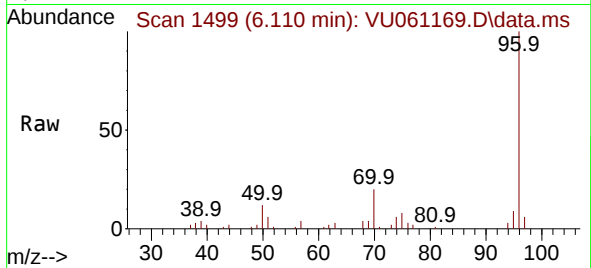
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.110 min Scan# 1499  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

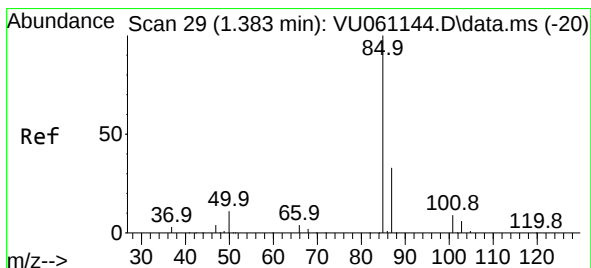
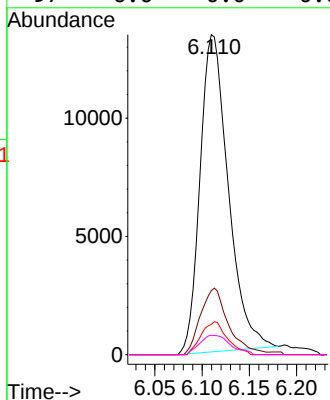
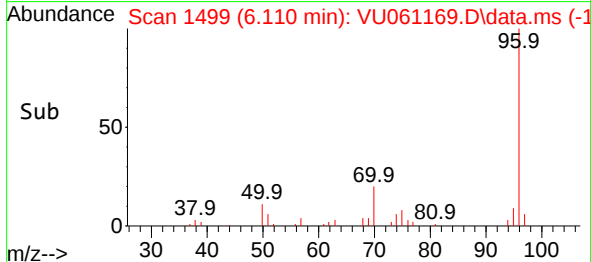
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



Tgt Ion: 96 Resp: 2784  
Ion Ratio Lower Upper  
96 100  
70 19.7 16.1 24.1  
95 9.6 0.0 0.0  
97 6.6 0.0 0.0

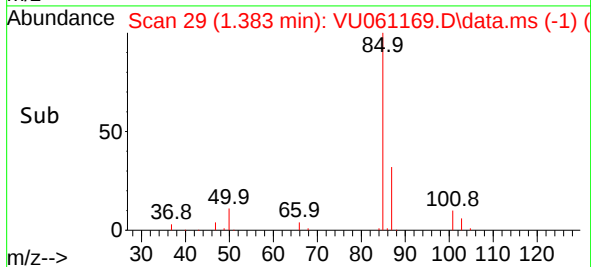
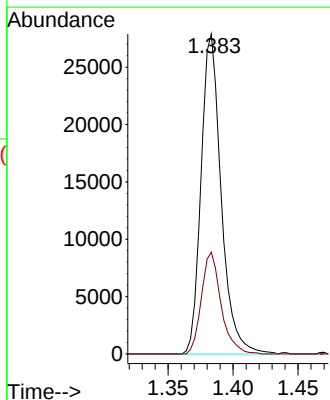
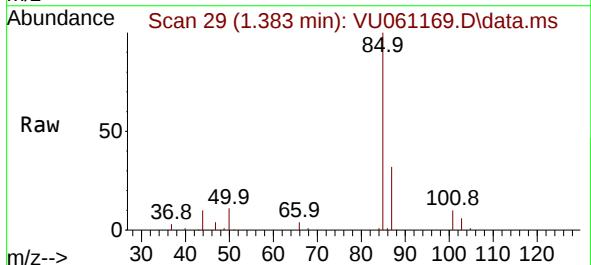
Manual Integrations  
APPROVED

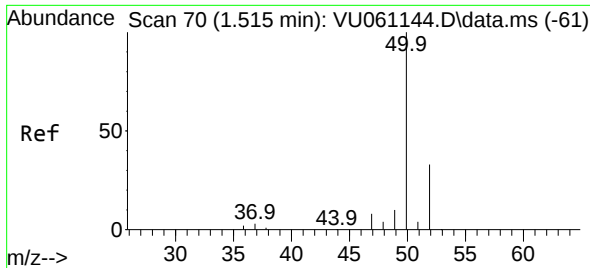
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#2  
Dichlorodifluoromethane  
Concen: 1.962 ug/l  
RT: 1.383 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Tgt Ion: 85 Resp: 30078  
Ion Ratio Lower Upper  
85 100  
87 31.8 16.3 48.9





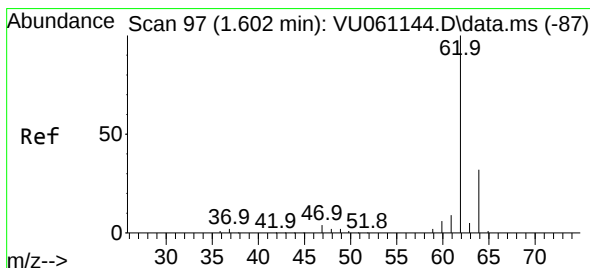
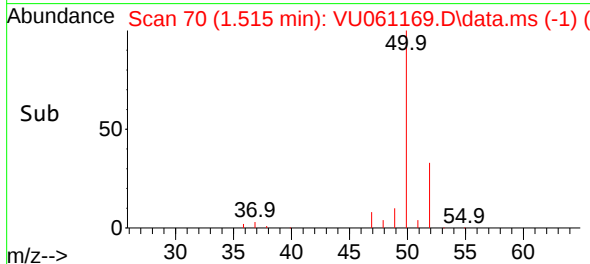
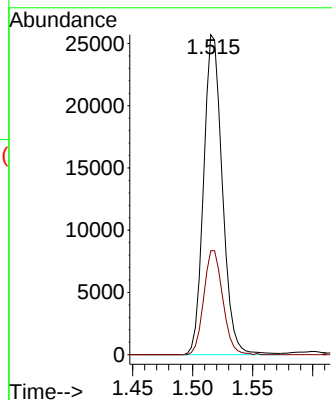
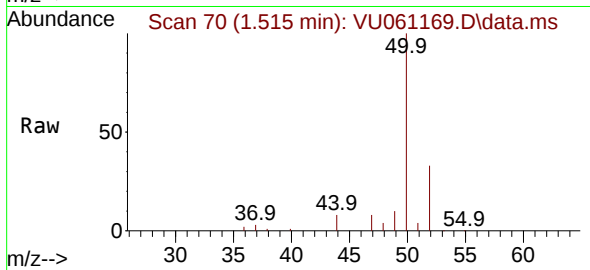
#3  
Chloromethane  
Concen: 1.919 ug/l  
RT: 1.515 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01

Tgt Ion: 50 Resp: 27989  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.2 39.2

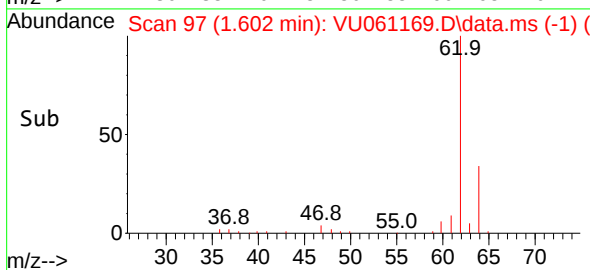
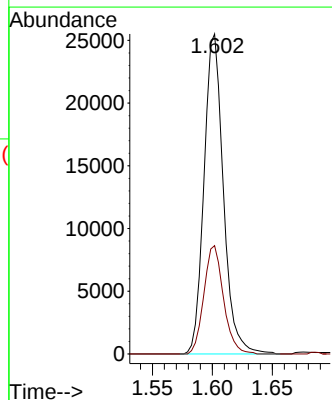
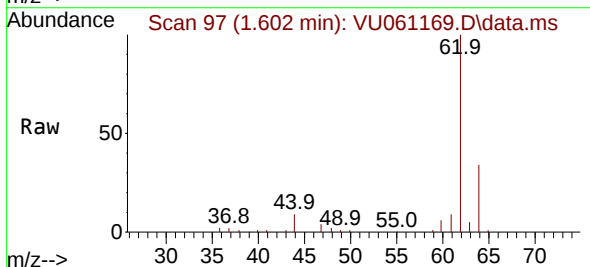
Manual Integrations  
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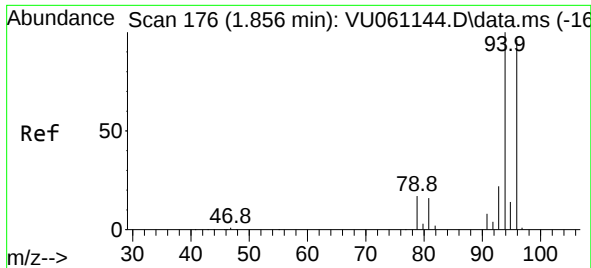
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#4  
Vinyl Chloride  
Concen: 1.915 ug/l  
RT: 1.602 min Scan# 97  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

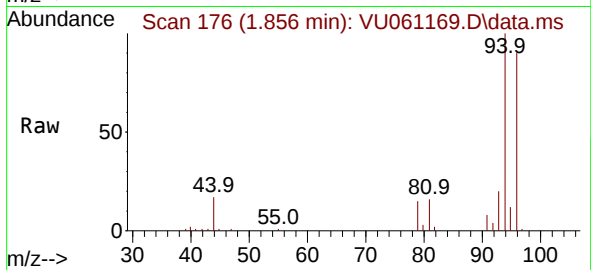
Tgt Ion: 62 Resp: 28692  
Ion Ratio Lower Upper  
62 100  
64 33.9 25.9 38.9





#5  
Bromomethane  
Concen: 2.051 ug/l  
RT: 1.856 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

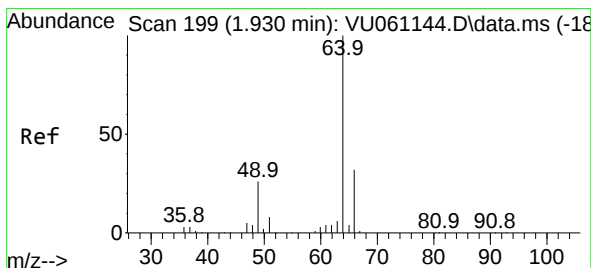
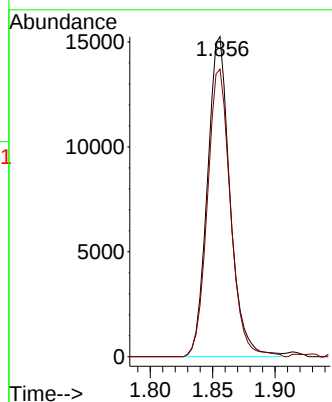
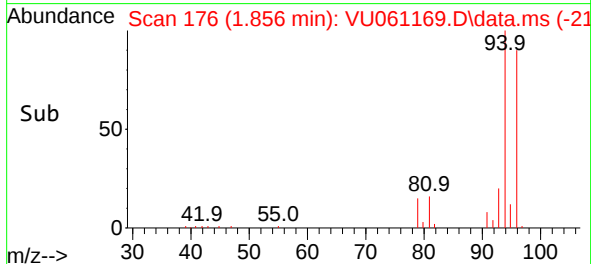
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



Tgt Ion: 94 Resp: 19308  
Ion Ratio Lower Upper  
94 100  
96 89.9 76.5 114.7

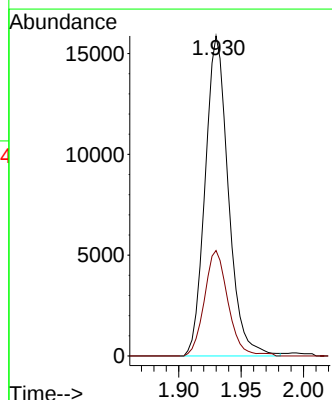
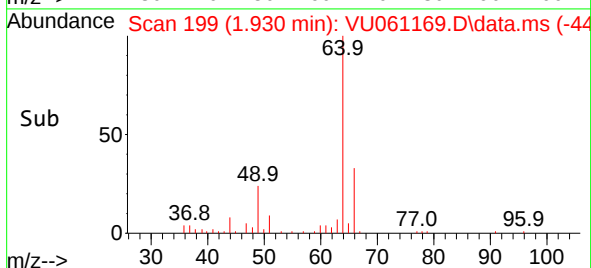
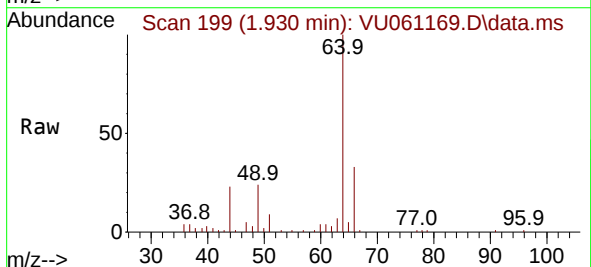
Manual Integrations  
APPROVED

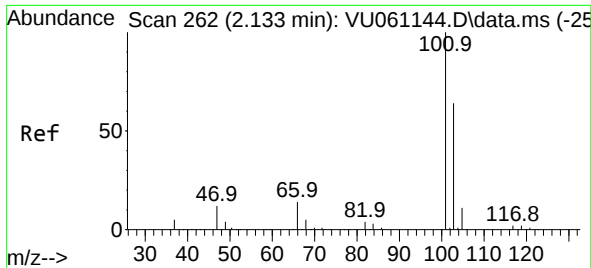
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#6  
Chloroethane  
Concen: 2.054 ug/l  
RT: 1.930 min Scan# 199  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

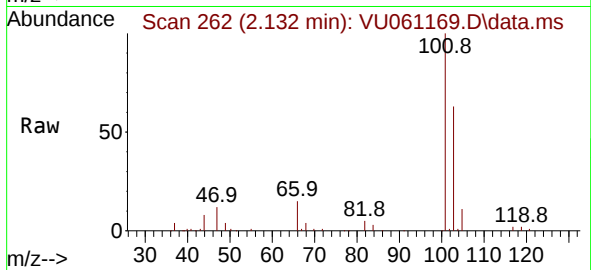
Tgt Ion: 64 Resp: 20620  
Ion Ratio Lower Upper  
64 100  
66 32.9 25.8 38.8





#7  
Trichlorofluoromethane  
Concen: 1.925 ug/l  
RT: 2.132 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

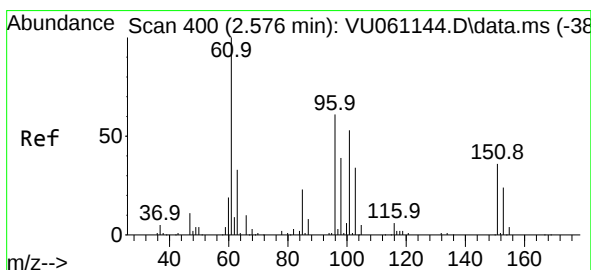
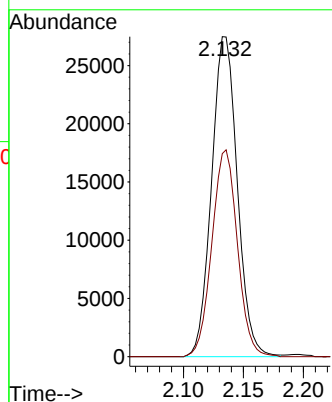
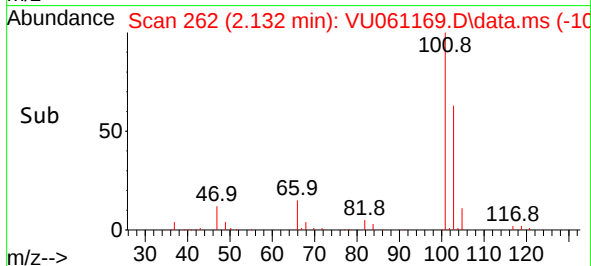
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



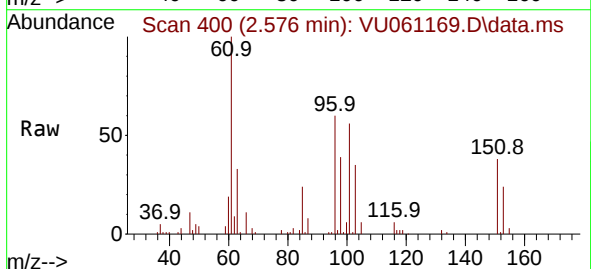
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Ion Ratio Lower Upper  
101 100  
103 63.4 51.5 77.3

Manual Integrations  
APPROVED

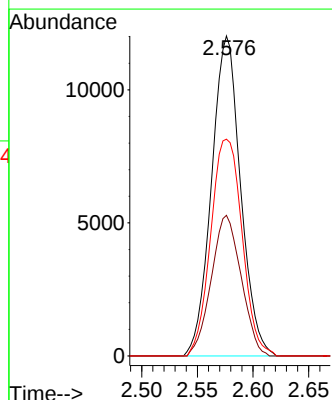
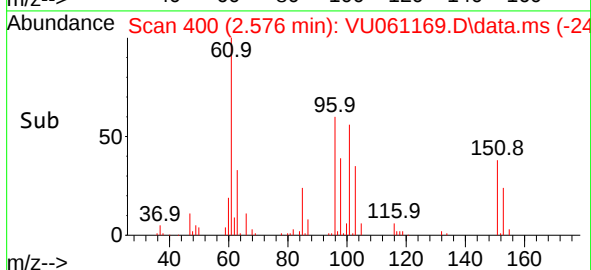
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

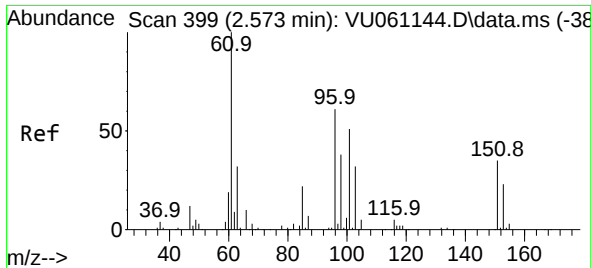


#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 2.058 ug/l  
RT: 2.576 min Scan# 400  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50



Tgt Ion:101 Resp: 21812  
Ion Ratio Lower Upper  
101 100  
85 45.2 35.8 53.8  
151 73.1 56.2 84.4





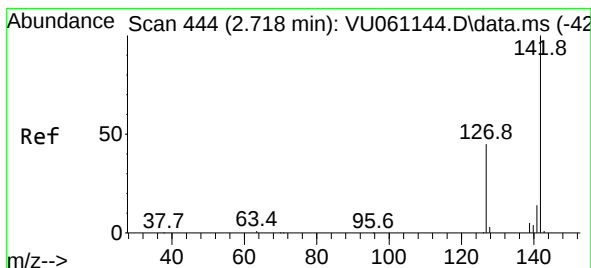
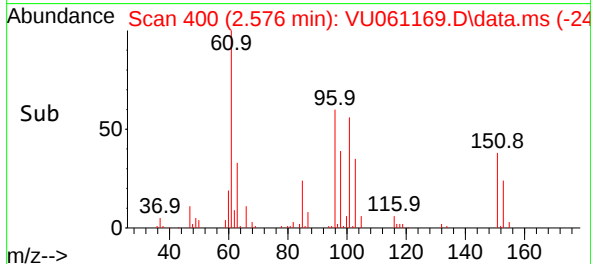
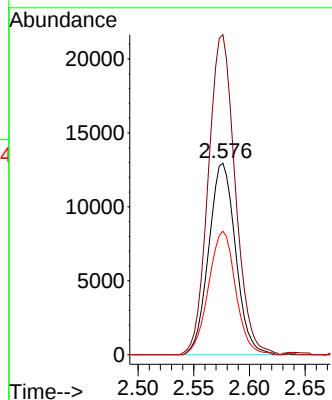
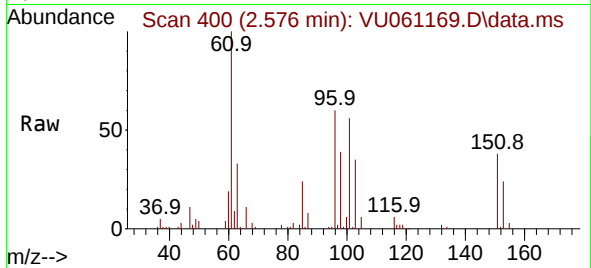
#9  
1,1-Dichloroethene  
Concen: 1.967 ug/l  
RT: 2.576 min Scan# 400  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01

Tgt Ion: 96 Resp: 21730  
Ion Ratio Lower Upper  
96 100  
61 167.1 0.0 494.4  
98 64.4 0.0 124.4

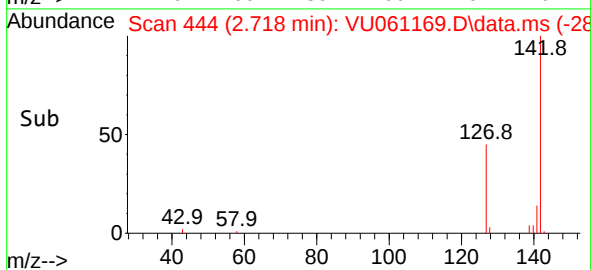
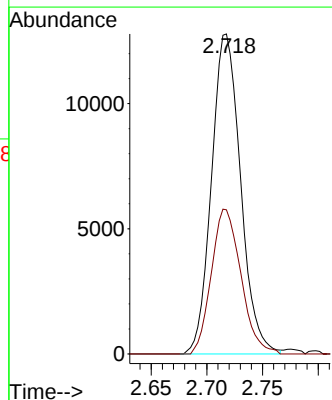
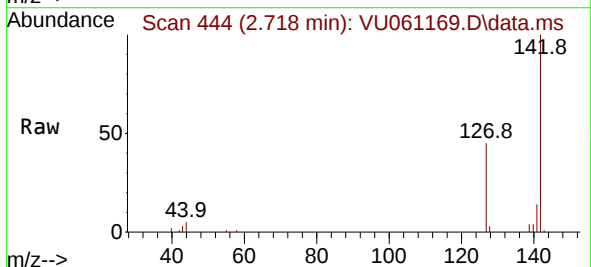
Manual Integrations  
APPROVED

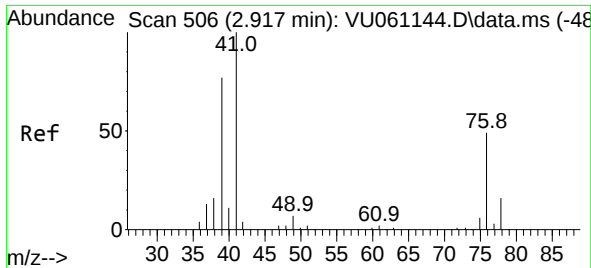
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#10  
Iodomethane  
Concen: 2.146 ug/l  
RT: 2.718 min Scan# 444  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

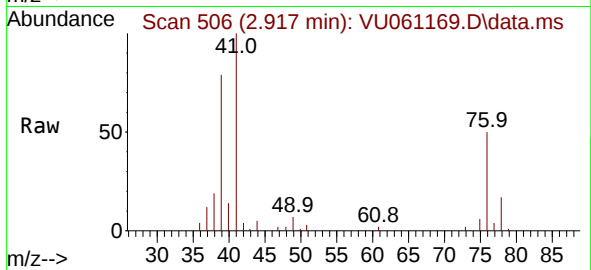
Tgt Ion:142 Resp: 23216  
Ion Ratio Lower Upper  
142 100  
127 46.1 36.2 54.4





#11  
Allyl Chloride  
Concen: 1.915 ug/l  
RT: 2.917 min Scan# 506  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

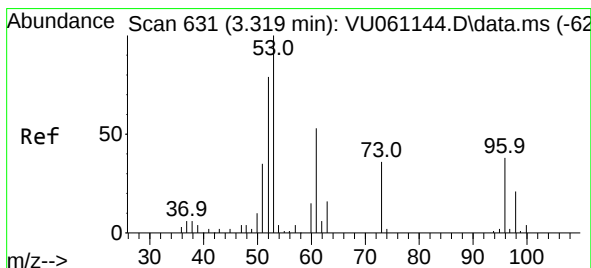
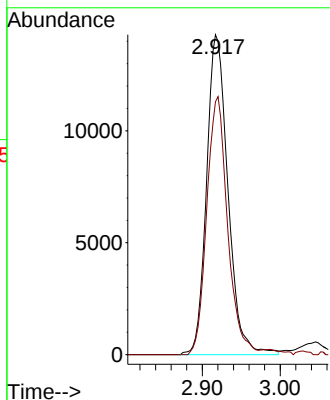
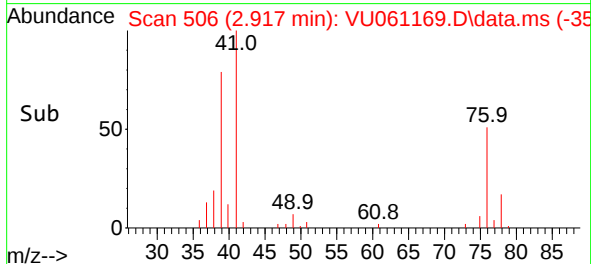
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



Tgt Ion: 41 Resp: 2724  
Ion Ratio Lower Upper  
41 100  
39 78.5 62.4 93.6

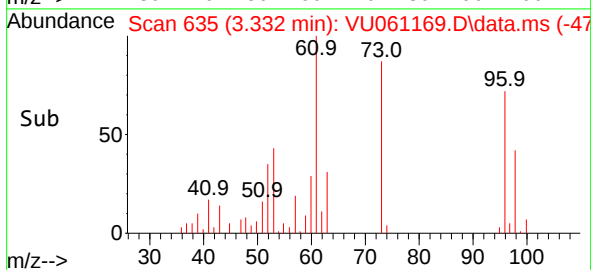
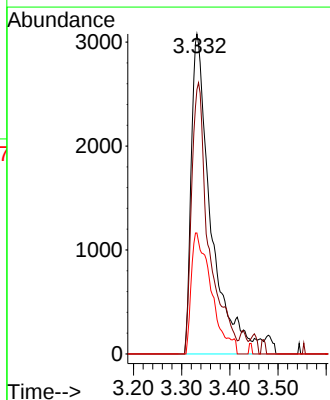
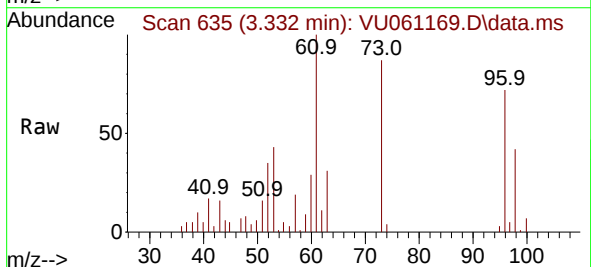
Manual Integrations  
APPROVED

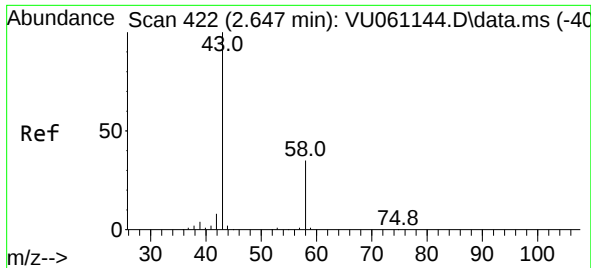
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#12  
Acrylonitrile  
Concen: 4.025 ug/l m  
RT: 3.332 min Scan# 635  
Delta R.T. 0.013 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Tgt Ion: 53 Resp: 8943  
Ion Ratio Lower Upper  
53 100  
52 72.4 62.6 94.0  
51 37.6 30.7 46.1





#13

Acetone

Concen: 11.634 ug/l

RT: 2.640 min Scan# 422

Delta R.T. -0.007 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

Instrument :

MSVOA\_U

ClientSampleId :

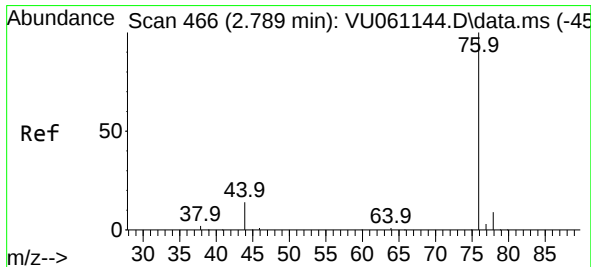
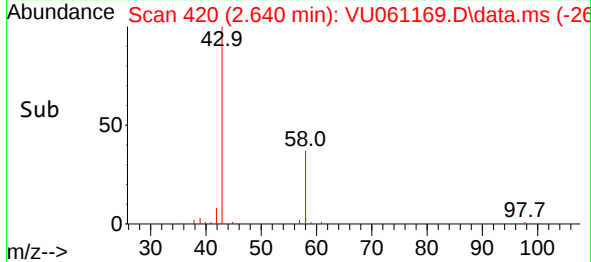
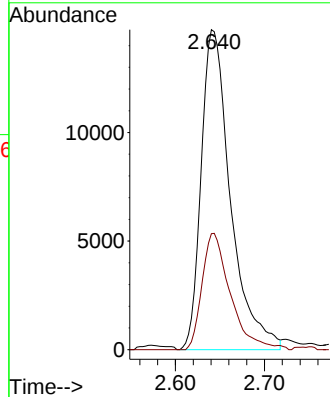
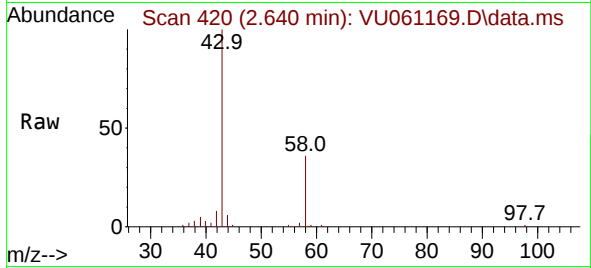
VU1021WBS01

Tgt Ion: 43 Resp: 33710  
 Ion Ratio Lower Upper  
 43 100  
 58 36.3 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024  
 Supervised By :Semsettin Yesilyurt 10/25/2024



#14

Carbon Disulfide

Concen: 1.895 ug/l

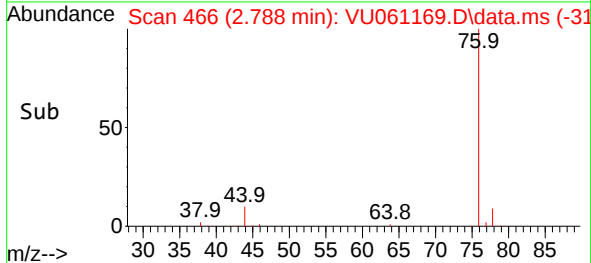
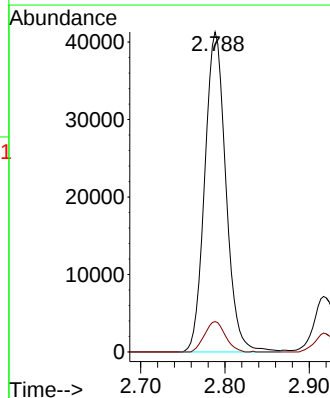
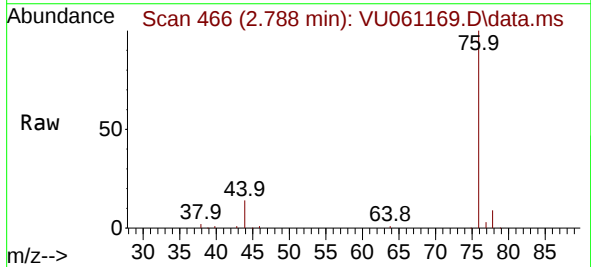
RT: 2.788 min Scan# 466

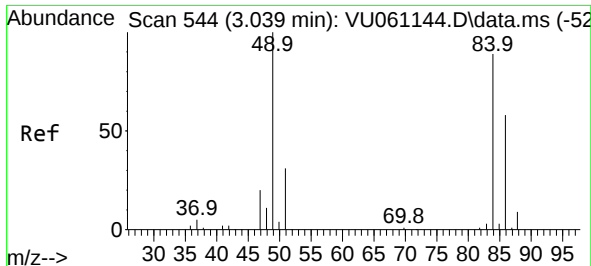
Delta R.T. -0.000 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

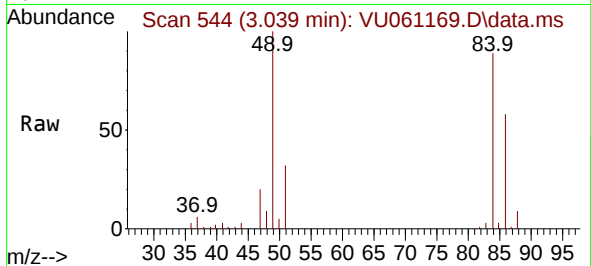
Tgt Ion: 76 Resp: 72120  
 Ion Ratio Lower Upper  
 76 100  
 78 9.5 7.4 11.0





#15  
Methylene Chloride  
Concen: 1.892 ug/l  
RT: 3.039 min Scan# 544  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

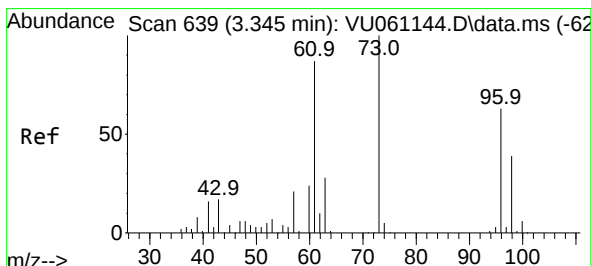
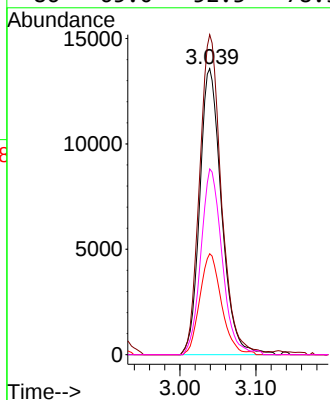
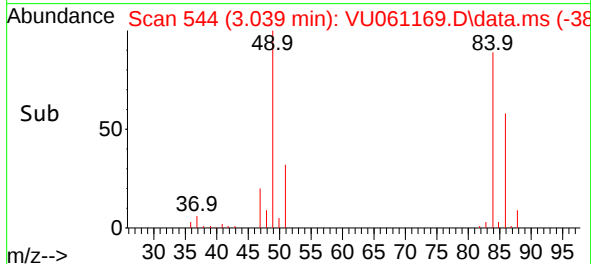
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



Tgt Ion: 84 Resp: 27054  
Ion Ratio Lower Upper  
84 100  
49 111.9 90.4 135.6  
51 35.3 0.0 70.6  
86 65.0 52.3 78.5

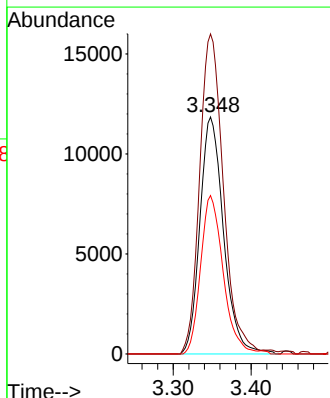
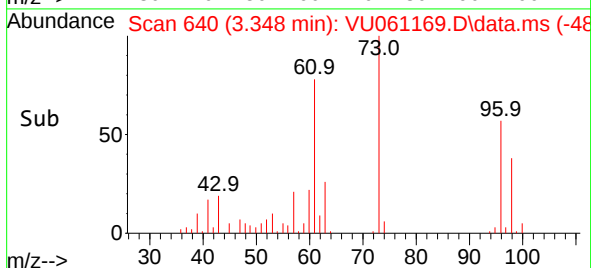
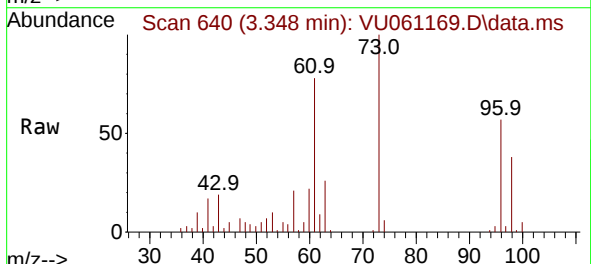
Manual Integrations  
APPROVED

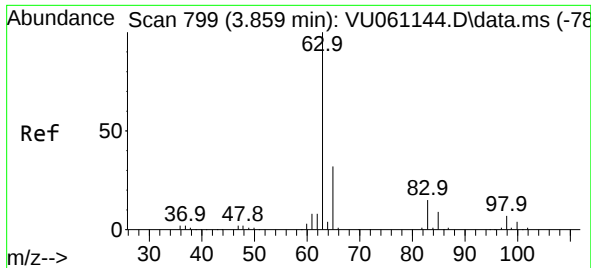
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#16  
trans-1,2-Dichloroethene  
Concen: 1.927 ug/l  
RT: 3.348 min Scan# 640  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Tgt Ion: 96 Resp: 24961  
Ion Ratio Lower Upper  
96 100  
61 135.0 110.6 166.0  
98 66.8 49.8 74.8





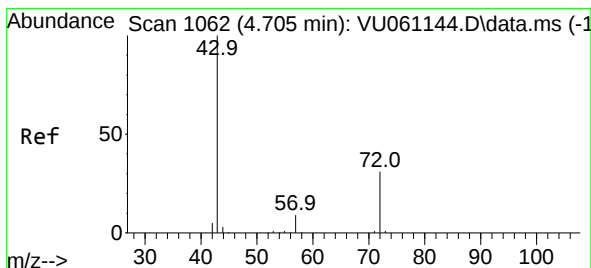
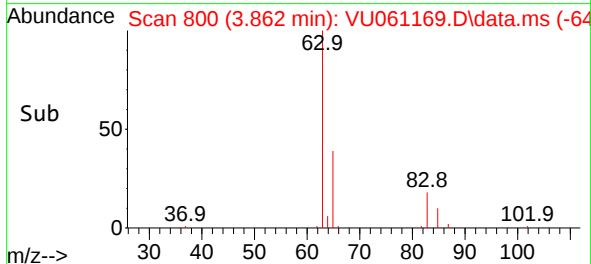
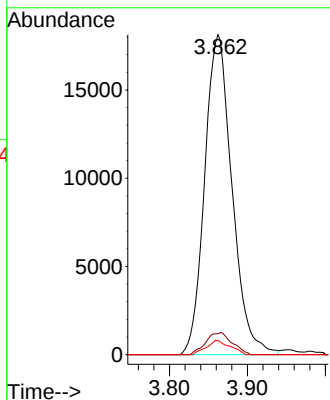
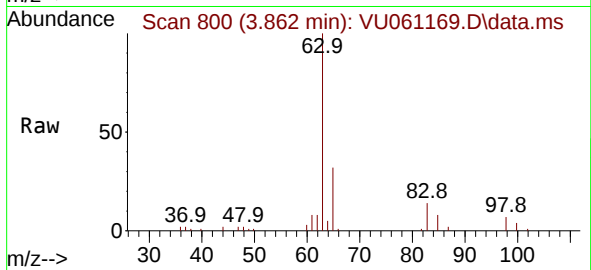
#17  
1,1-Dichloroethane  
Concen: 1.927 ug/l  
RT: 3.862 min Scan# 80  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01

Tgt Ion: 63 Resp: 44270  
Ion Ratio Lower Upper  
63 100  
98 6.6 3.3 9.8  
100 4.4 2.1 6.5

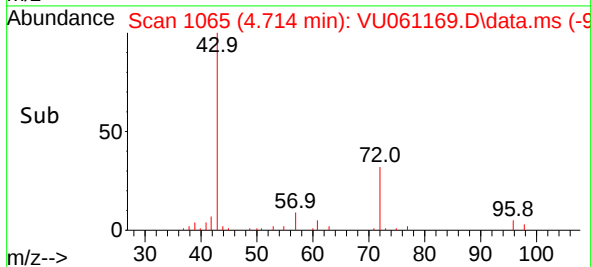
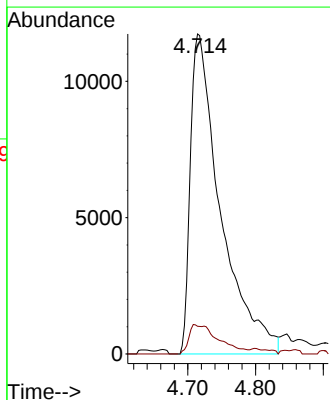
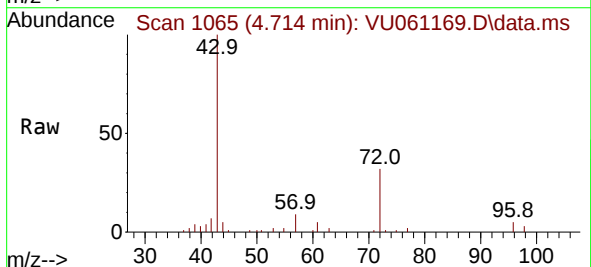
Manual Integrations  
APPROVED

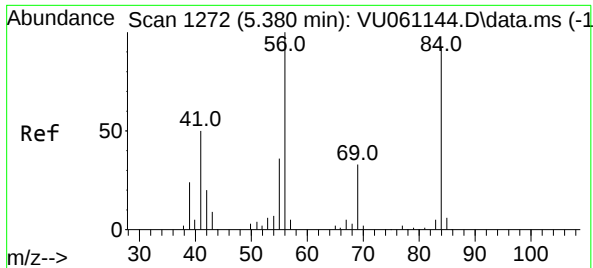
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#18  
2-Butanone  
Concen: 10.250 ug/l  
RT: 4.714 min Scan# 1065  
Delta R.T. 0.009 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

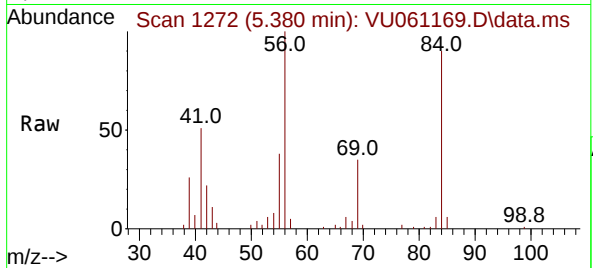
Tgt Ion: 43 Resp: 36364  
Ion Ratio Lower Upper  
43 100  
57 8.7 0.0 19.0





#19  
Cyclohexane  
Concen: 1.920 ug/l m  
RT: 5.380 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

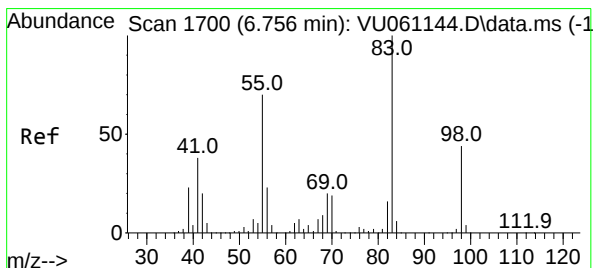
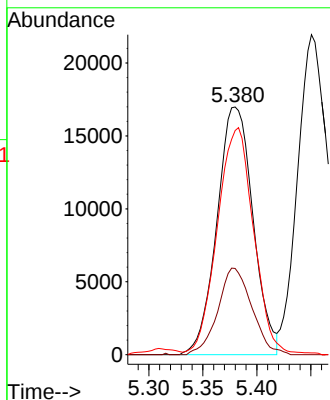
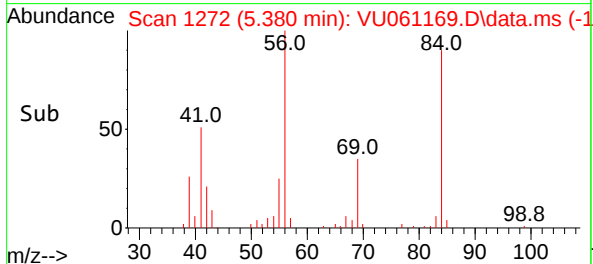
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



Tgt Ion: 56 Resp: 39500  
Ion Ratio Lower Upper  
56 100  
69 32.9 26.2 39.4  
84 91.0 72.7 109.1

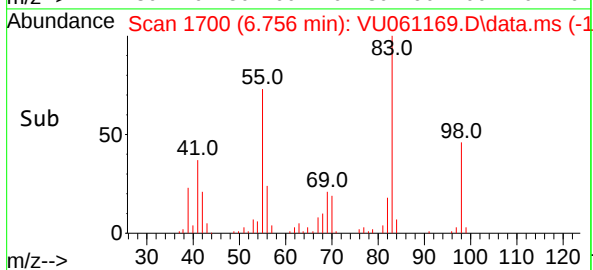
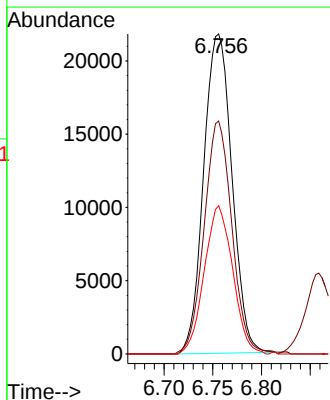
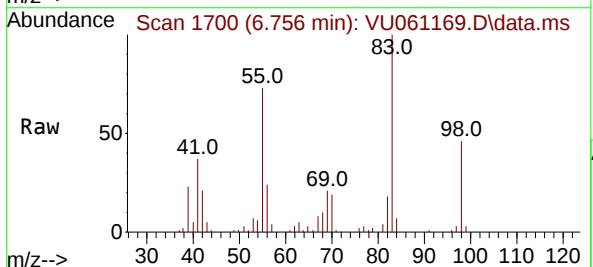
Manual Integrations  
APPROVED

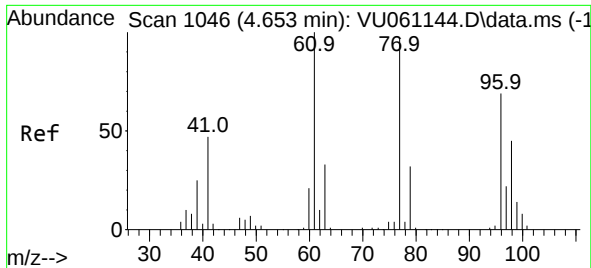
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#20  
Methylcyclohexane  
Concen: 1.922 ug/l  
RT: 6.756 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Tgt Ion: 83 Resp: 44100  
Ion Ratio Lower Upper  
83 100  
55 71.6 55.5 83.3  
98 46.5 35.8 53.6





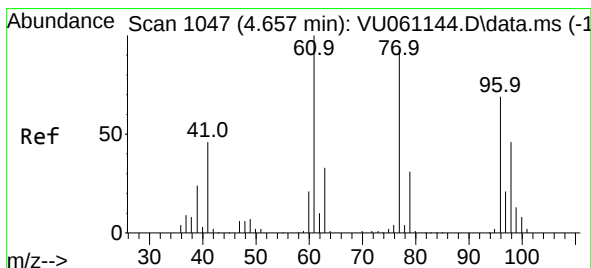
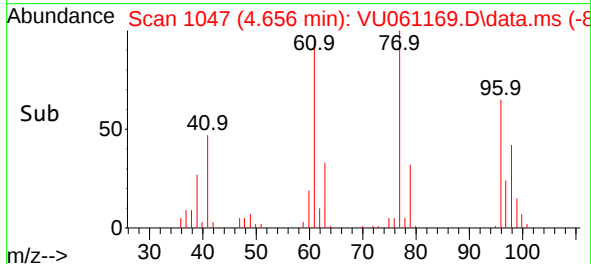
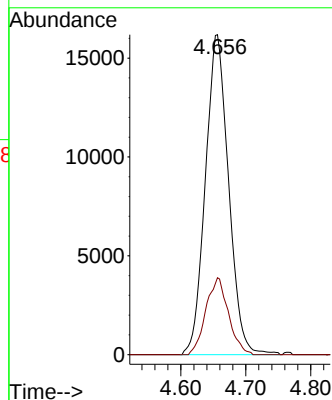
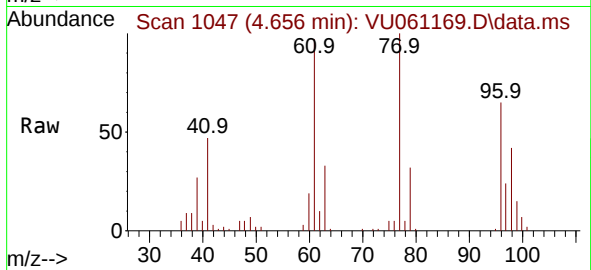
#21  
2,2-Dichloropropane  
Concen: 1.899 ug/l  
RT: 4.656 min Scan# 1046  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01

Tgt Ion: 77 Resp: 4024  
Ion Ratio Lower Upper  
77 100  
97 23.3 18.3 27.5

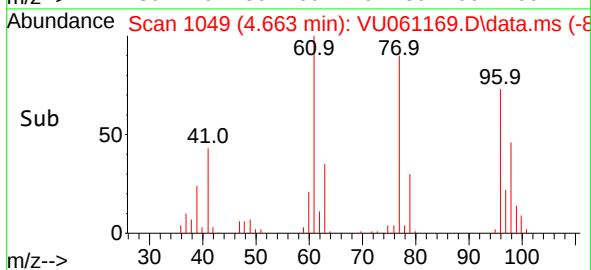
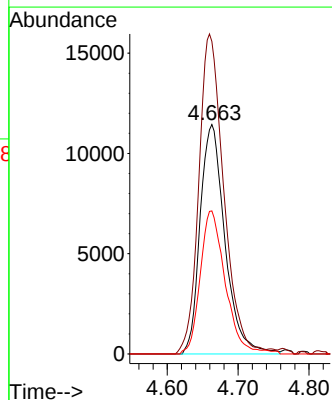
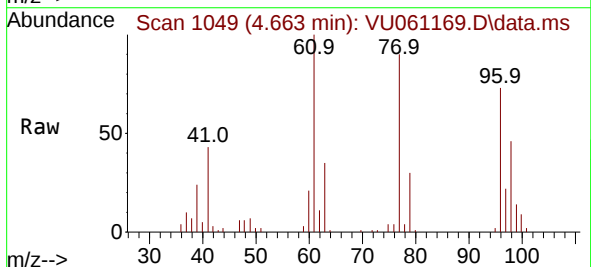
Manual Integrations  
APPROVED

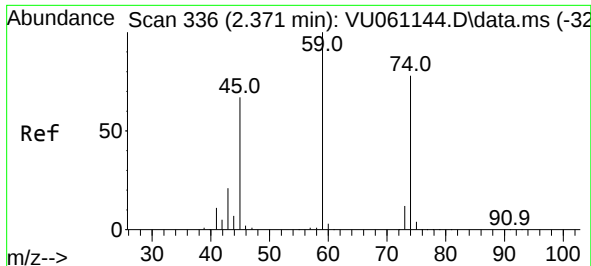
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#22  
cis-1,2-Dichloroethene  
Concen: 1.976 ug/l  
RT: 4.663 min Scan# 1049  
Delta R.T. 0.006 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

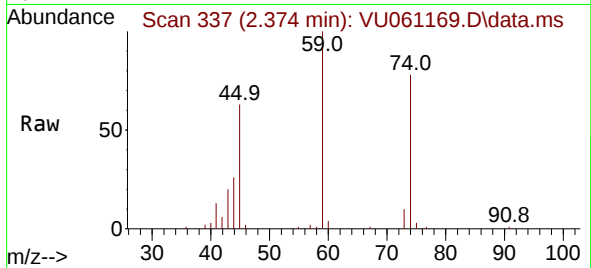
Tgt Ion: 96 Resp: 27891  
Ion Ratio Lower Upper  
96 100  
61 139.7 0.0 364.8  
98 63.0 32.1 96.3





#23  
Diethyl Ether  
Concen: 1.906 ug/l  
RT: 2.374 min Scan# 311  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

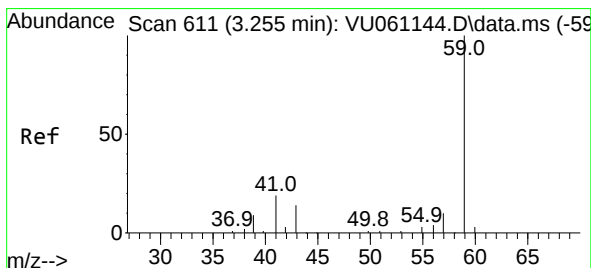
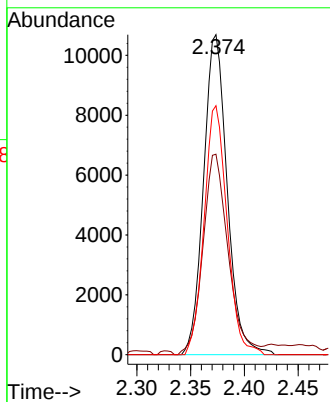
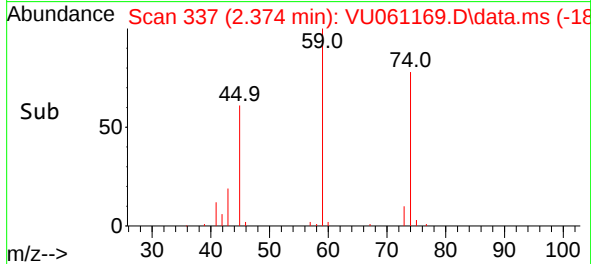
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



Tgt Ion: 59 Resp: 16359  
Ion Ratio Lower Upper  
59 100  
45 66.8 52.0 78.0  
74 75.7 62.2 93.2

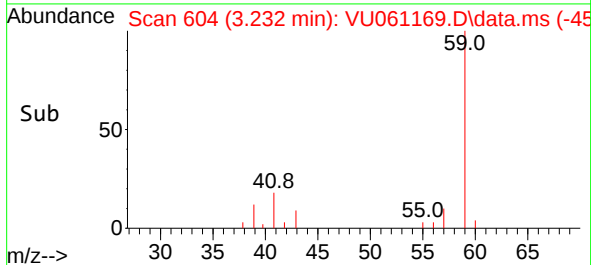
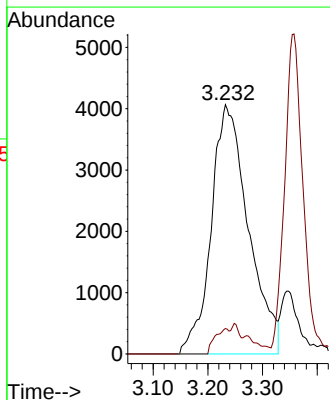
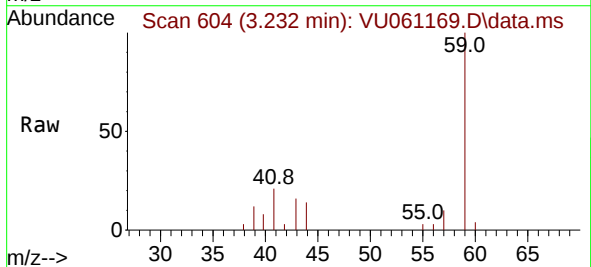
Manual Integrations  
APPROVED

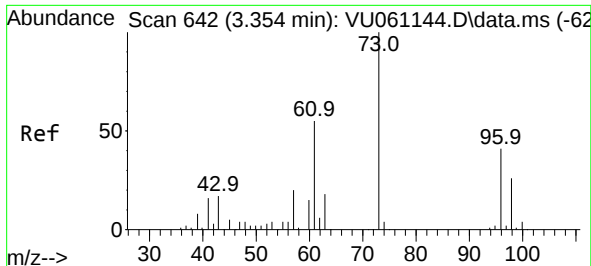
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#24  
tert-Butyl Alcohol  
Concen: 21.364 ug/l  
RT: 3.232 min Scan# 604  
Delta R.T. -0.023 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

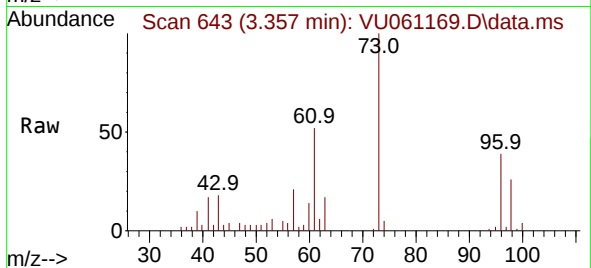
Tgt Ion: 59 Resp: 19134  
Ion Ratio Lower Upper  
59 100  
57 3.8 3.2 4.8





#25  
Methyl tert-Butyl Ether  
Concen: 1.932 ug/l  
RT: 3.357 min Scan# 642  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

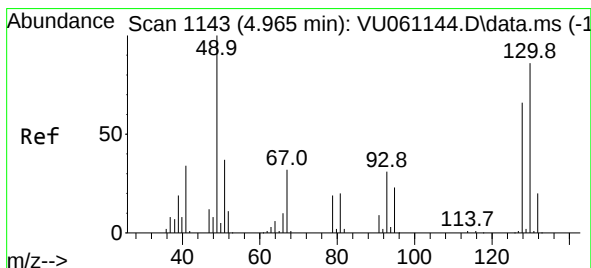
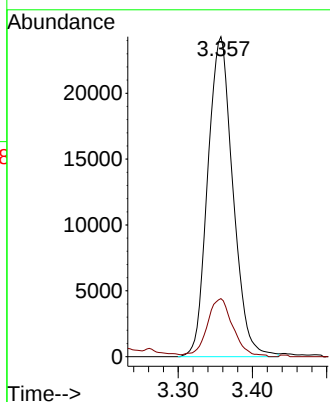
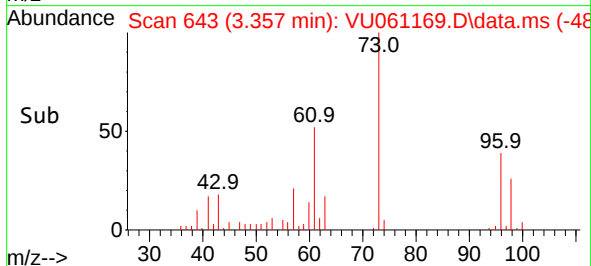
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



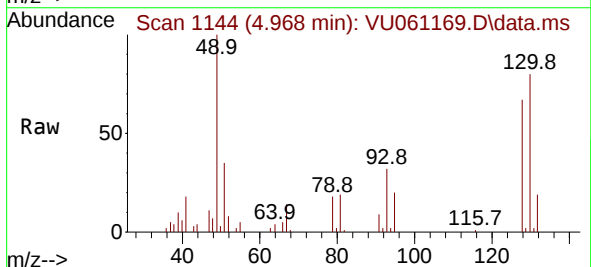
Tgt Ion: 73 Resp: 5717  
Ion Ratio Lower Upper  
73 100  
43 18.7 14.7 22.1

Manual Integrations  
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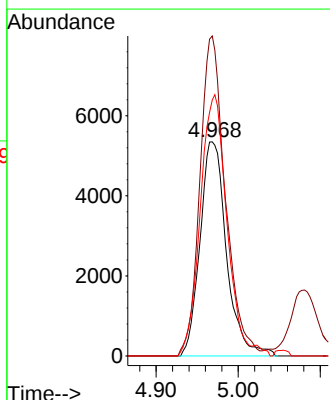
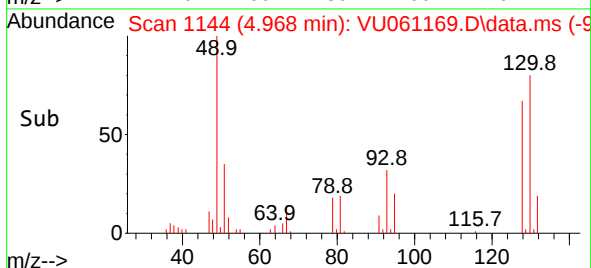
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

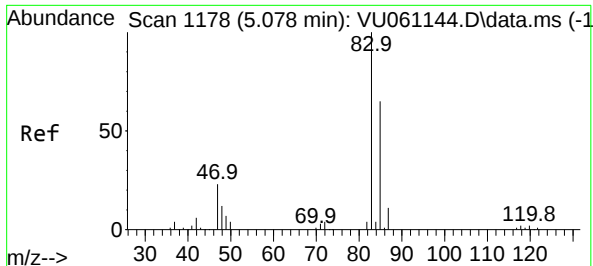


#26  
Bromochloromethane  
Concen: 2.032 ug/l  
RT: 4.968 min Scan# 1144  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50



Tgt Ion:128 Resp: 11990  
Ion Ratio Lower Upper  
128 100  
49 143.5 0.0 308.8  
130 121.2 105.3 157.9





#27

Chloroform

Concen: 1.959 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

Instrument :

MSVOA\_U

ClientSampleId :

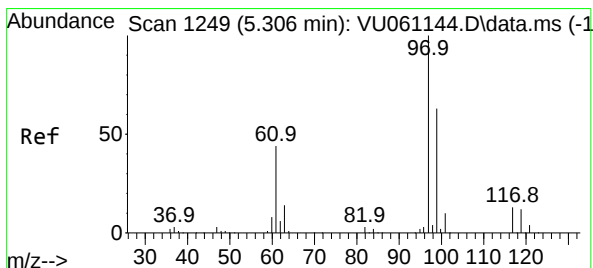
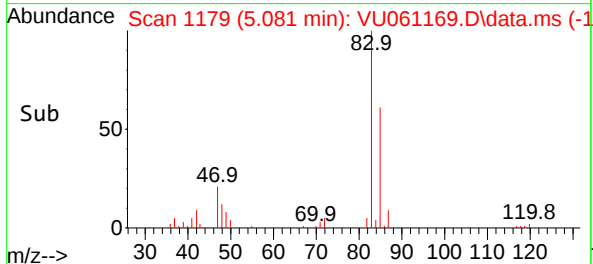
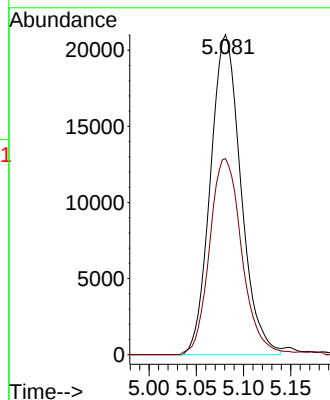
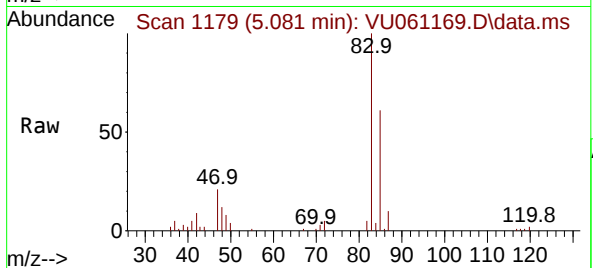
VU1021WBS01

Tgt Ion: 83 Resp: 47194  
 Ion Ratio Lower Upper  
 83 100  
 85 61.2 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024  
 Supervised By :Semsettin Yesilyurt 10/25/2024



#28

1,1,1-Trichloroethane

Concen: 1.913 ug/l

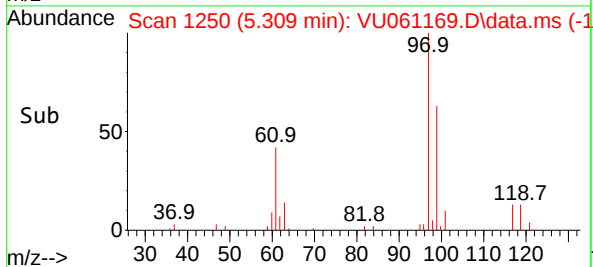
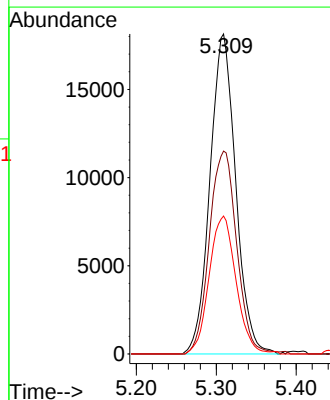
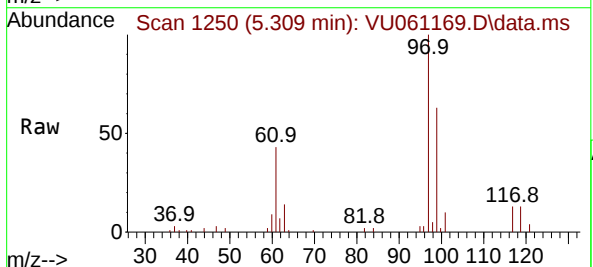
RT: 5.309 min Scan# 1250

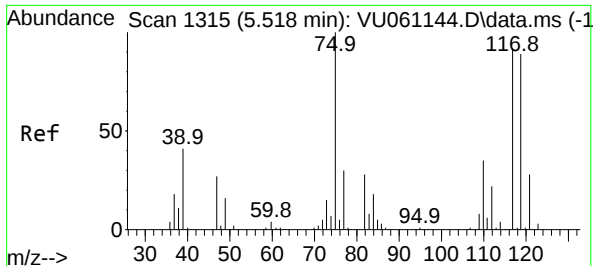
Delta R.T. 0.003 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

Tgt Ion: 97 Resp: 40627  
 Ion Ratio Lower Upper  
 97 100  
 99 67.4 31.9 95.5  
 61 44.9 22.1 66.1





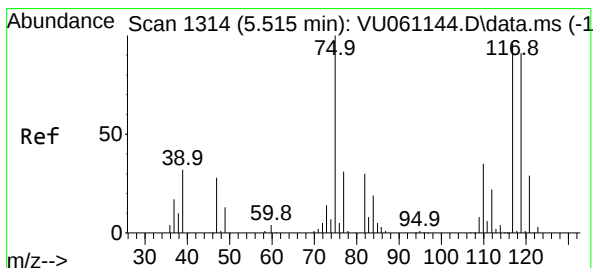
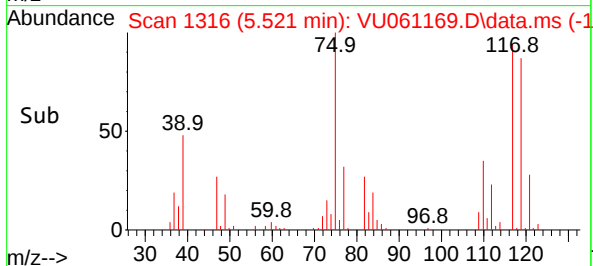
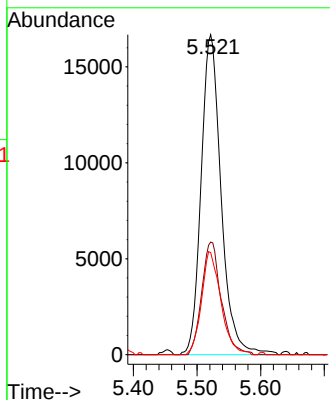
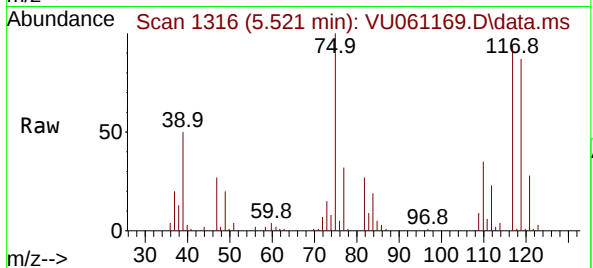
#29  
1,1-Dichloropropene  
Concen: 1.942 ug/l  
RT: 5.521 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01

Tgt Ion: 75 Resp: 3645  
Ion Ratio Lower Upper  
75 100  
110 34.4 17.8 53.3  
77 31.2 24.6 37.0

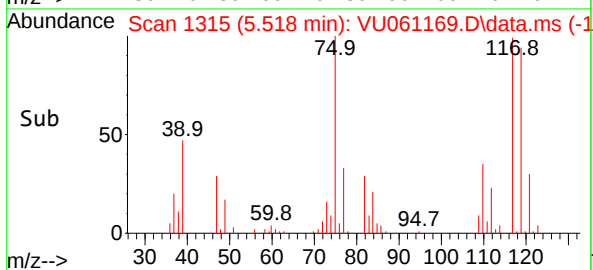
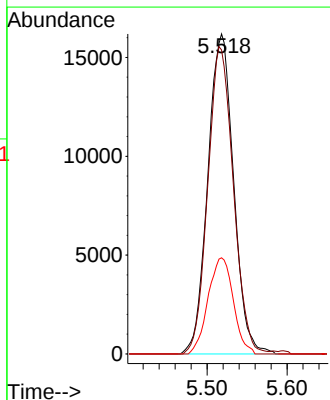
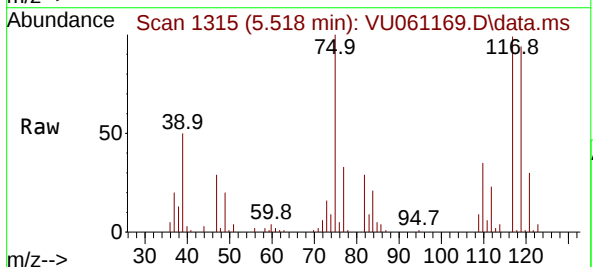
Manual Integrations  
APPROVED

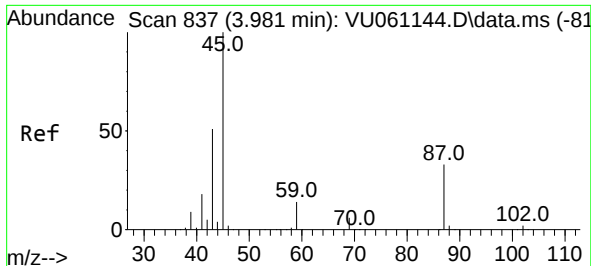
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#30  
Carbon Tetrachloride  
Concen: 1.965 ug/l  
RT: 5.518 min Scan# 1315  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Tgt Ion:117 Resp: 36198  
Ion Ratio Lower Upper  
117 100  
119 95.0 76.4 114.6  
121 30.7 24.1 36.1





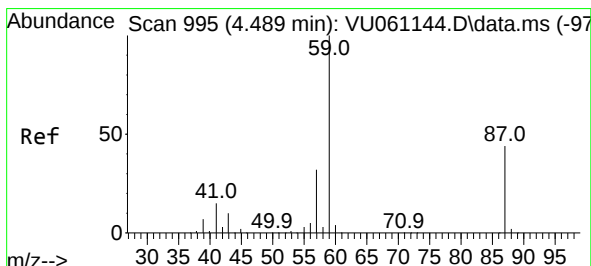
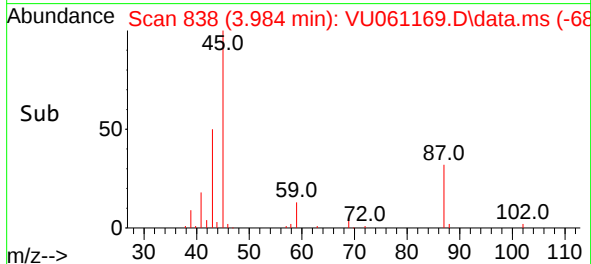
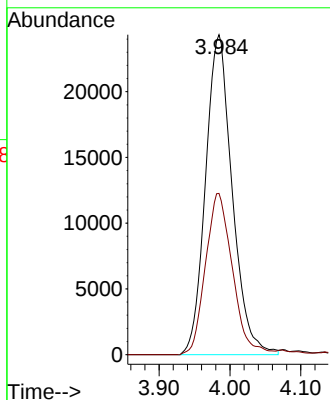
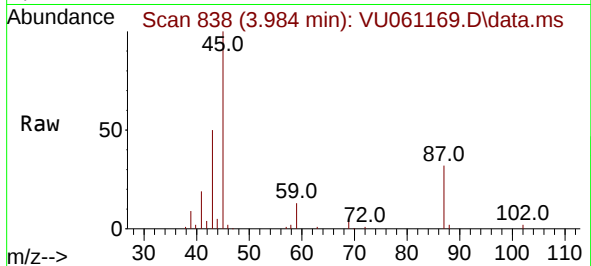
#31  
Isopropyl Ether  
Concen: 1.943 ug/l  
RT: 3.984 min Scan# 837  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01

Tgt Ion: 45 Resp: 6366  
Ion Ratio Lower Upper  
45 100  
43 50.9 25.7 77.0

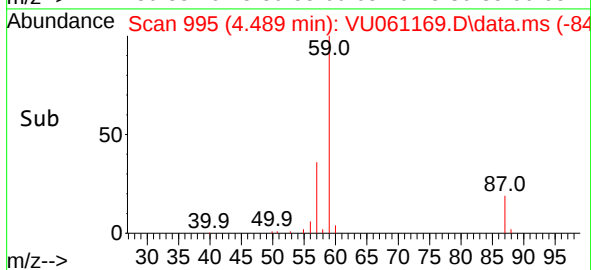
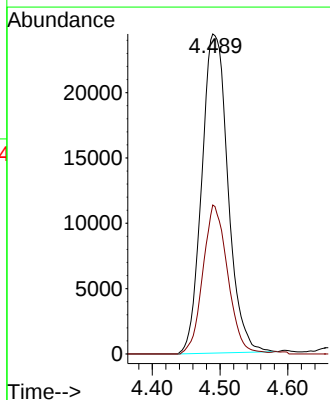
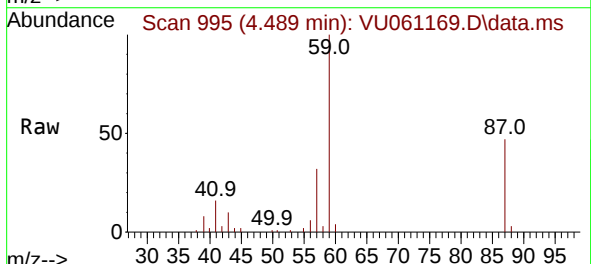
Manual Integrations  
APPROVED

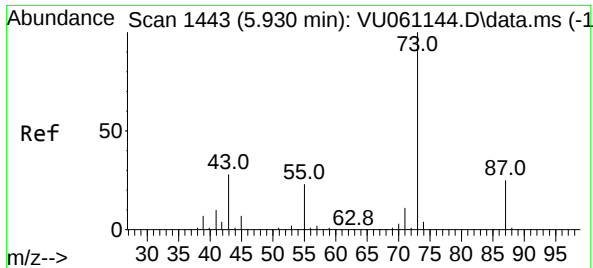
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#32  
Ethyl-t-butyl ether  
Concen: 1.942 ug/l  
RT: 4.489 min Scan# 995  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

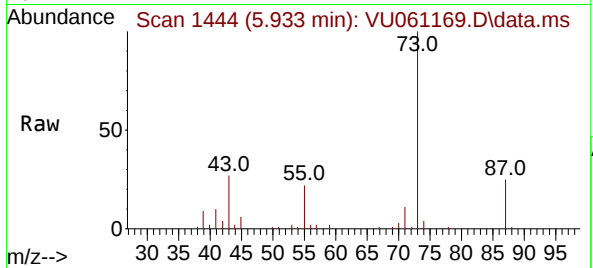
Tgt Ion: 59 Resp: 65442  
Ion Ratio Lower Upper  
59 100  
87 43.6 34.7 52.1





#33  
Tert-Amyl methyl ether  
Concen: 1.932 ug/l  
RT: 5.933 min Scan# 1444  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

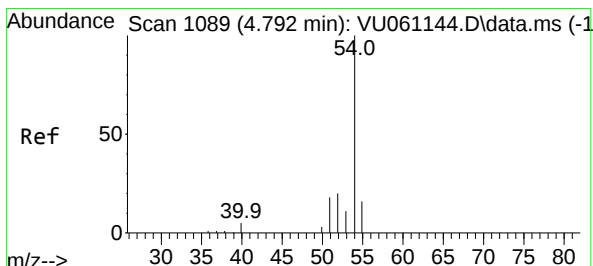
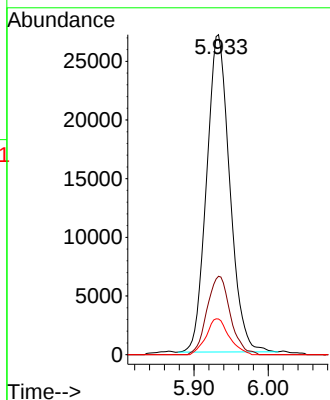
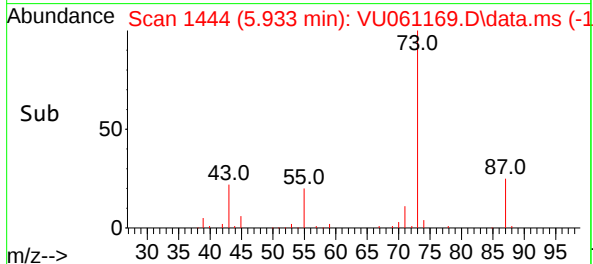
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



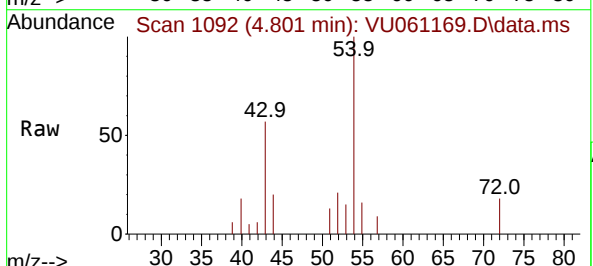
Tgt Ion: 73 Resp: 5860  
Ion Ratio Lower Upper  
73 100  
87 24.9 19.8 29.8  
71 11.2 8.6 12.8

Manual Integrations  
APPROVED

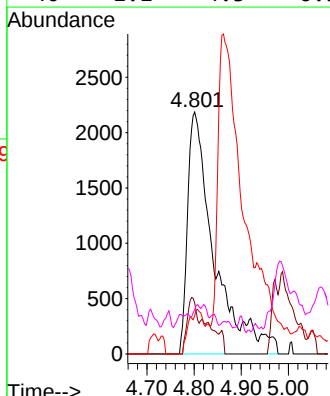
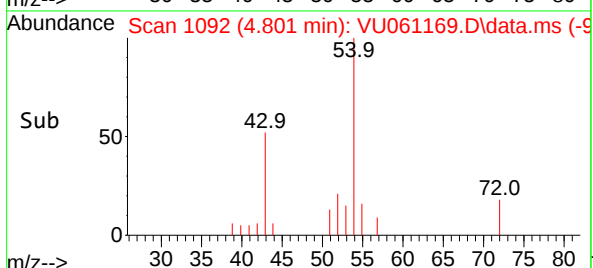
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

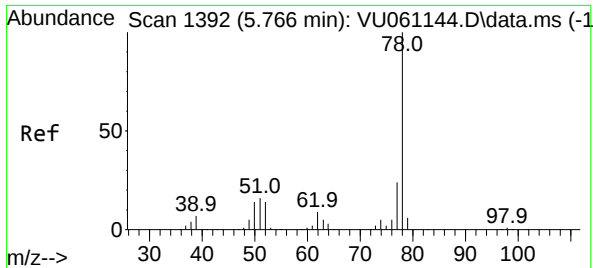


#34  
Propionitrile  
Concen: 10.106 ug/l m  
RT: 4.801 min Scan# 1092  
Delta R.T. 0.009 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50



Tgt Ion: 54 Resp: 8554  
Ion Ratio Lower Upper  
54 100  
52 8.8 15.3 22.9#  
55 10.1 9.7 14.5  
40 1.1 4.3 6.5#





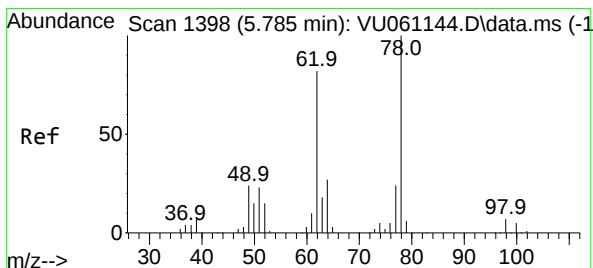
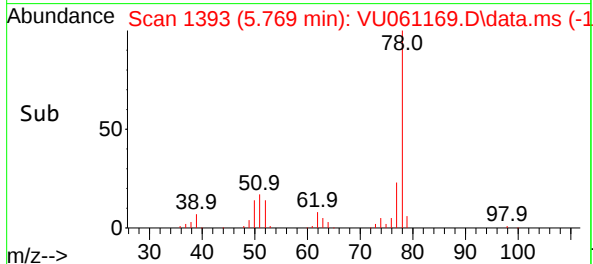
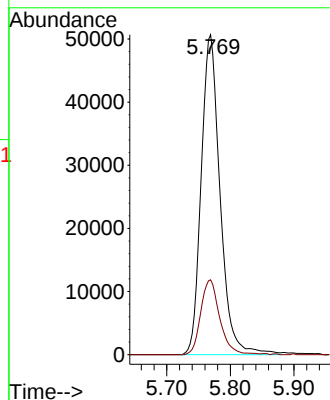
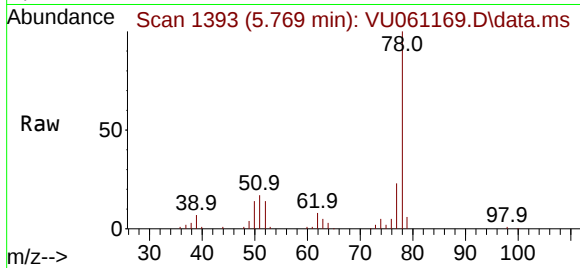
#35  
Benzene  
Concen: 1.979 ug/l  
RT: 5.769 min Scan# 1392  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01

Tgt Ion: 78 Resp: 104610  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.4 29.0

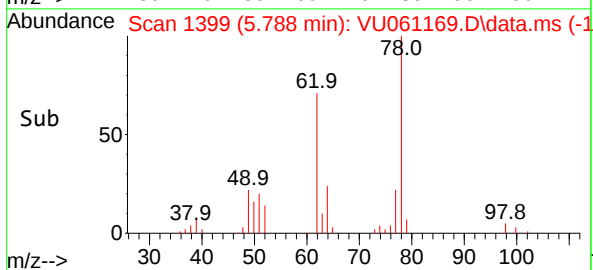
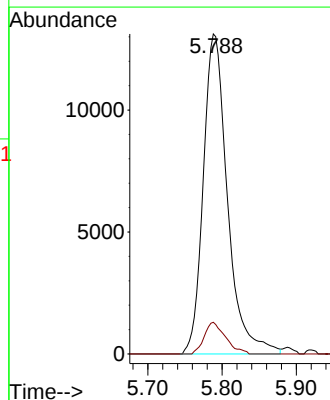
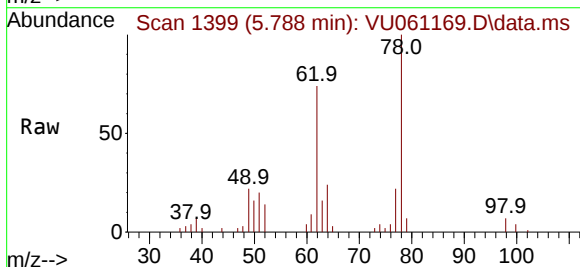
Manual Integrations  
APPROVED

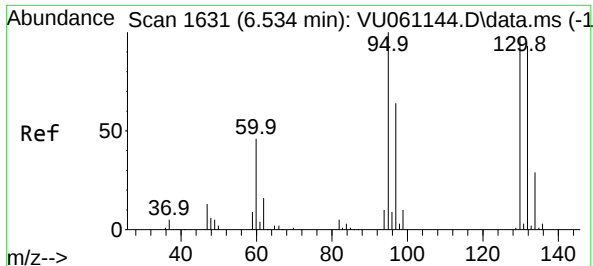
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#36  
1,2-Dichloroethane  
Concen: 1.993 ug/l  
RT: 5.788 min Scan# 1399  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Tgt Ion: 62 Resp: 29745  
Ion Ratio Lower Upper  
62 100  
98 8.7 7.0 10.4





#37

Trichloroethene

Concen: 1.955 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

Instrument :

MSVOA\_U

ClientSampleId :

VU1021WBS01

Tgt Ion:130 Resp: 2758

Ion Ratio Lower Upper

130 100

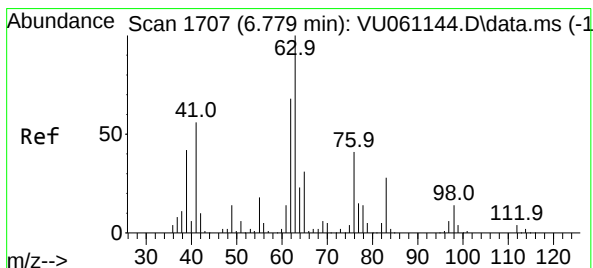
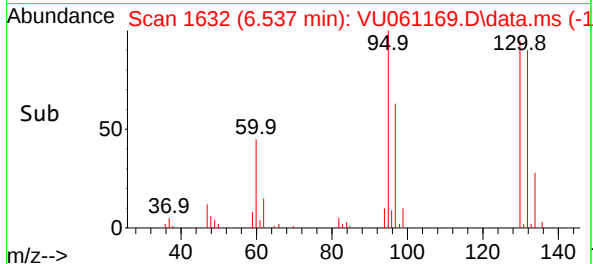
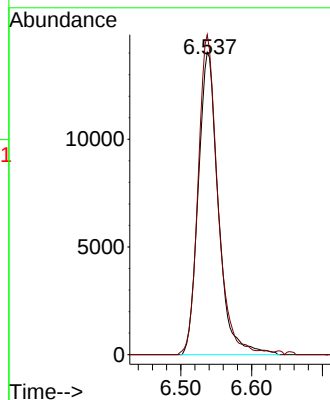
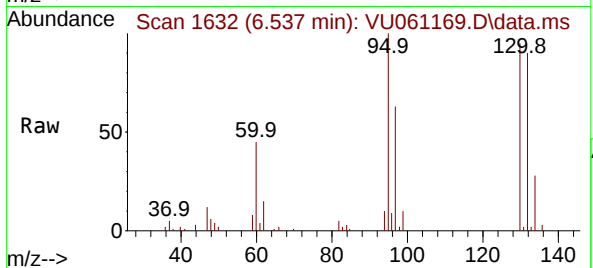
95 105.1 82.6 123.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#38

1,2-Dichloropropane

Concen: 1.990 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VU061169.D

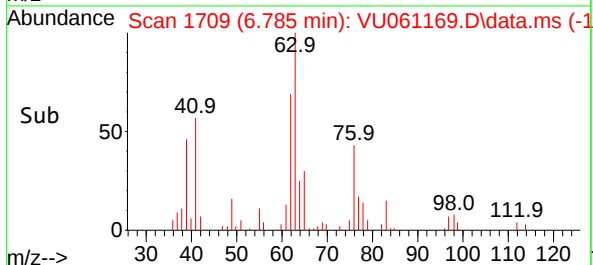
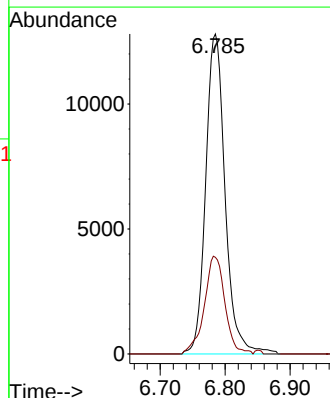
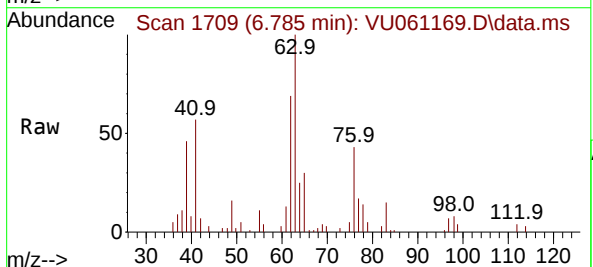
Acq: 21 Oct 2024 13:50

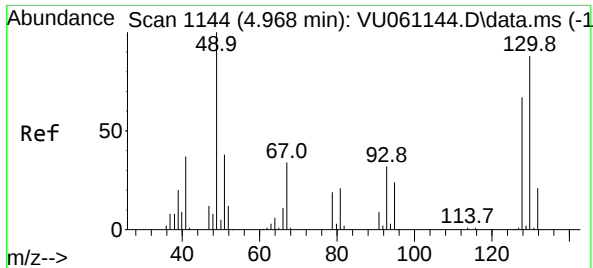
Tgt Ion: 63 Resp: 26640

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.6





#39

Methacrylonitrile

Concen: 1.900 ug/l

RT: 4.984 min Scan# 1149

Delta R.T. 0.016 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

Instrument :

MSVOA\_U

ClientSampleId :

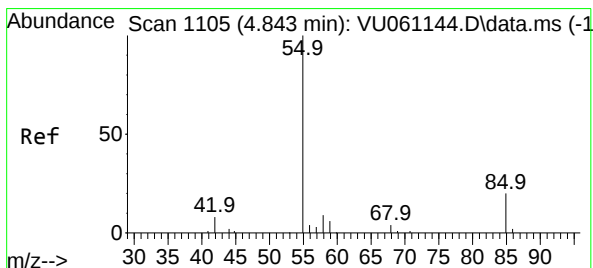
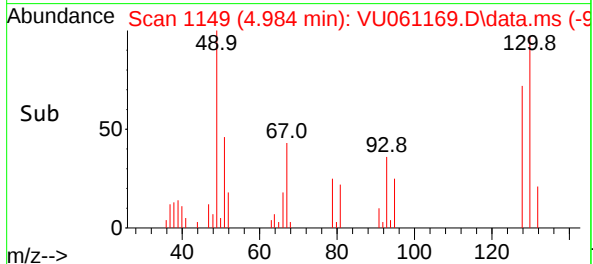
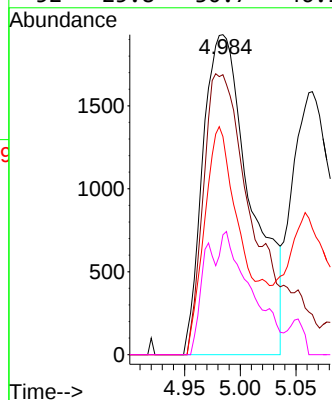
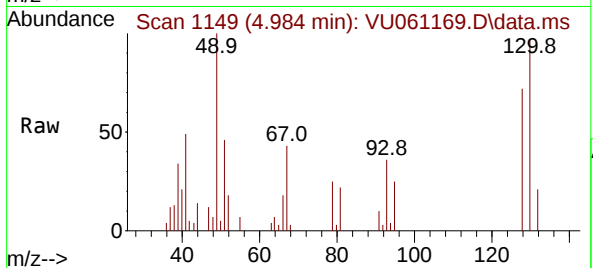
VU1021WBS01

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 5792  |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 67 96.8     | 78.1 117.1  |
| 39 56.6     | 44.6 67.0   |
| 52 25.8     | 30.7 46.1   |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#40

Methyl acrylate

Concen: 1.872 ug/l m

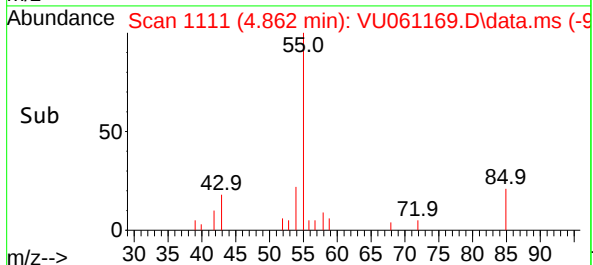
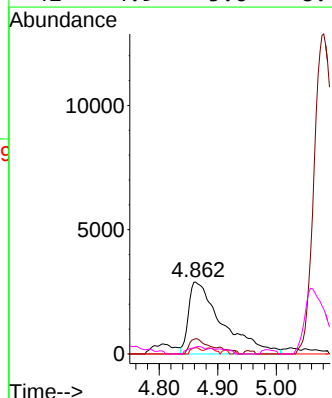
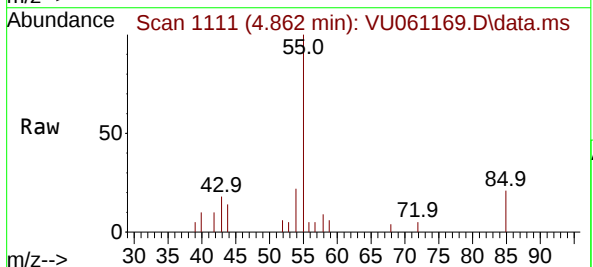
RT: 4.862 min Scan# 1111

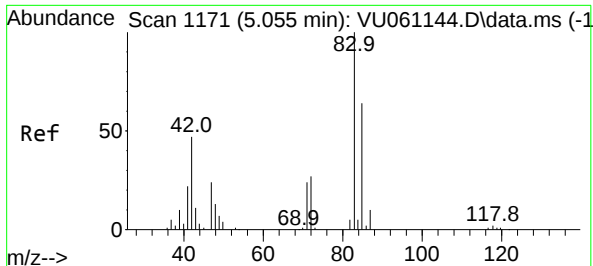
Delta R.T. 0.019 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

|             |             |
|-------------|-------------|
| Tgt Ion: 55 | Resp: 11574 |
| Ion Ratio   | Lower Upper |
| 55 100      |             |
| 85 11.4     | 14.1 21.1   |
| 58 2.7      | 6.9 10.3    |
| 42 4.9      | 5.6 8.4     |





#41

Tetrahydrofuran

Concen: 3.963 ug/l

RT: 5.058 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

Instrument :

MSVOA\_U

ClientSampleId :

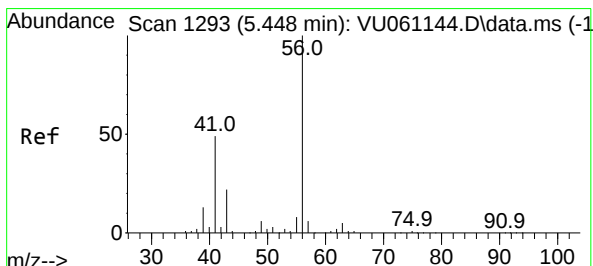
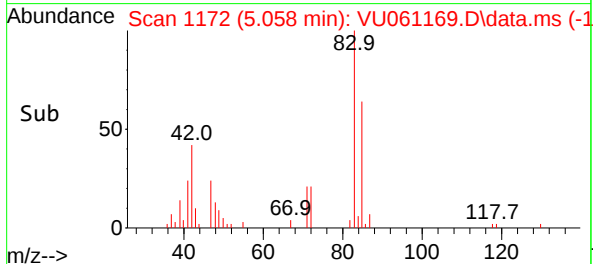
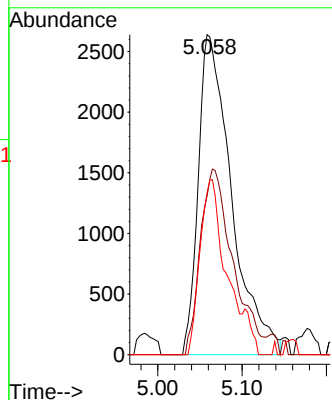
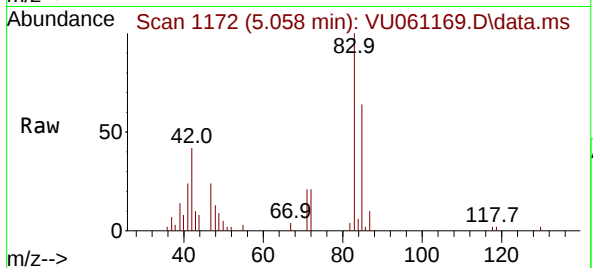
VU1021WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 7250  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 56.7  | 47.8  | 71.8  |
| 71       | 41.4  | 41.5  | 62.3  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#42

1-Chlorobutane

Concen: 1.900 ug/l

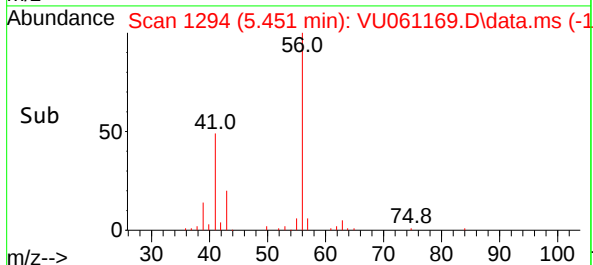
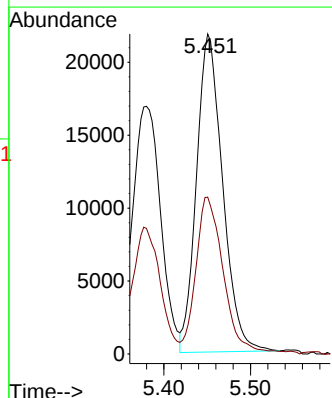
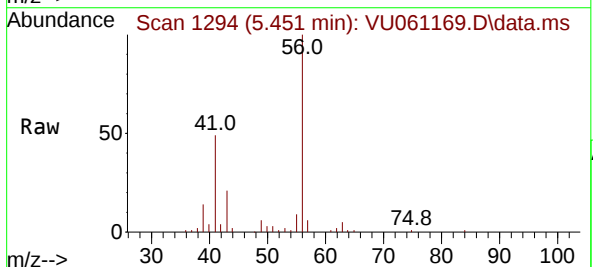
RT: 5.451 min Scan# 1294

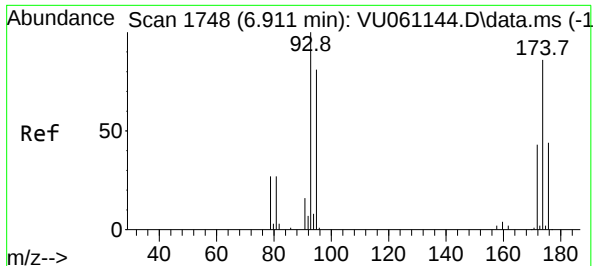
Delta R.T. 0.003 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

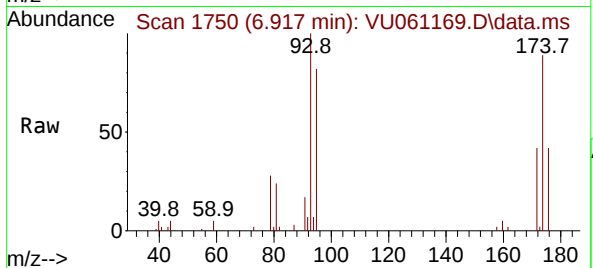
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 45760 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 41       | 50.2  | 23.9  | 71.7  |





#43  
Dibromomethane  
Concen: 1.962 ug/l  
RT: 6.917 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

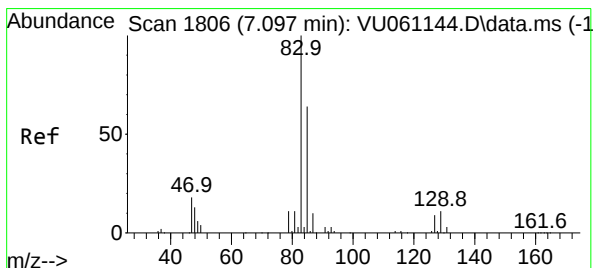
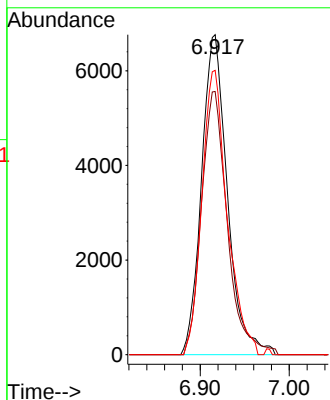
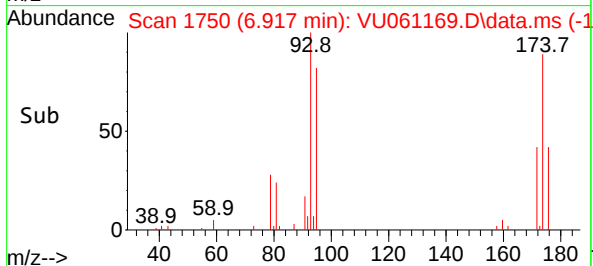
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



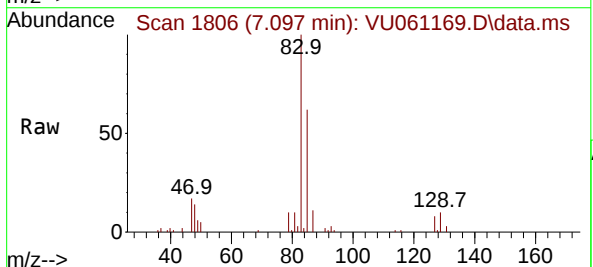
Tgt Ion: 93 Resp: 13618  
Ion Ratio Lower Upper  
93 100  
95 82.3 67.5 101.3  
174 87.0 71.2 106.8

Manual Integrations  
APPROVED

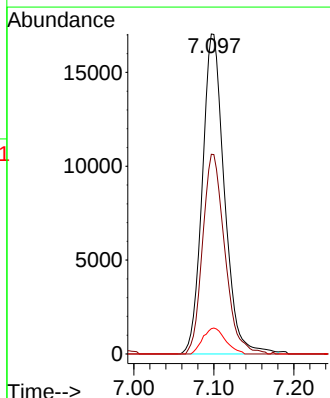
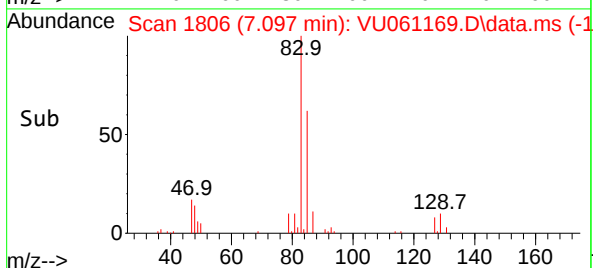
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

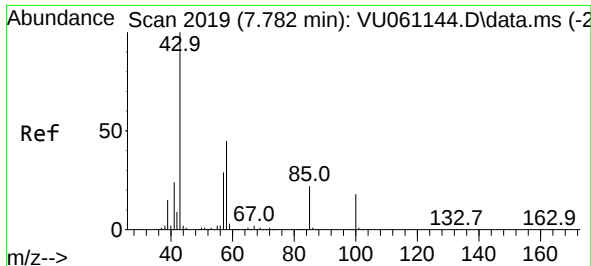


#44  
Bromodichloromethane  
Concen: 1.939 ug/l  
RT: 7.097 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50



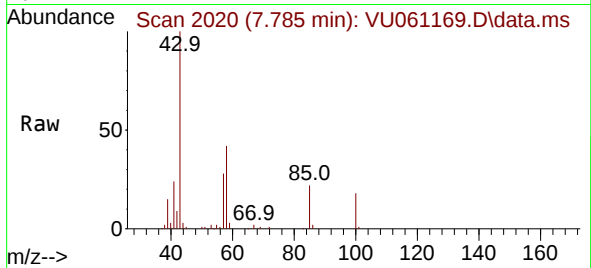
Tgt Ion: 83 Resp: 32727  
Ion Ratio Lower Upper  
83 100  
85 62.4 51.4 77.2  
127 8.8 7.4 11.2





#45  
4-Methyl-2-Pentanone  
Concen: 9.406 ug/l  
RT: 7.785 min Scan# 2019  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

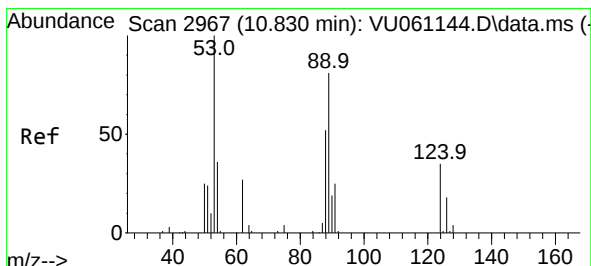
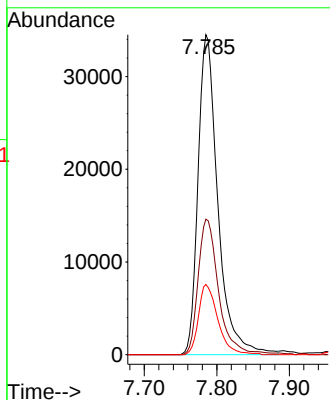
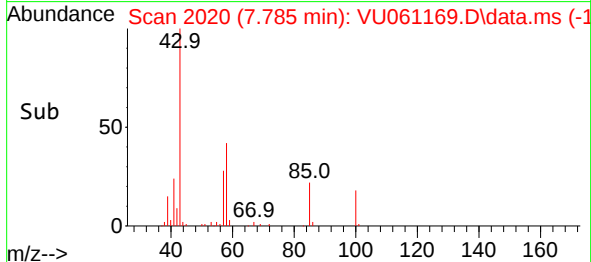
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



Tgt Ion: 43 Resp: 6553  
Ion Ratio Lower Upper  
43 100  
58 43.6 22.2 66.6  
85 21.4 17.2 25.8

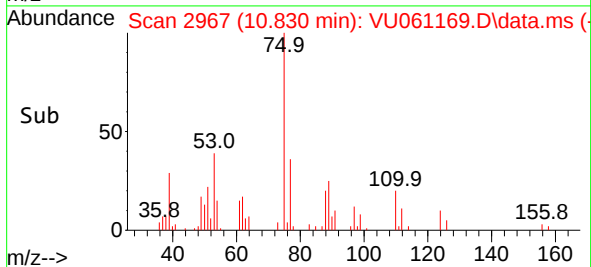
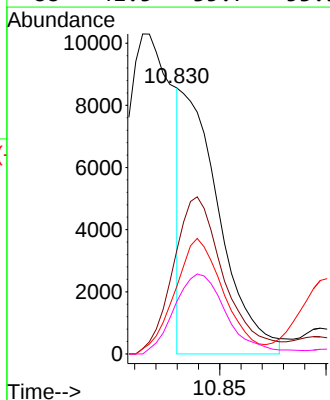
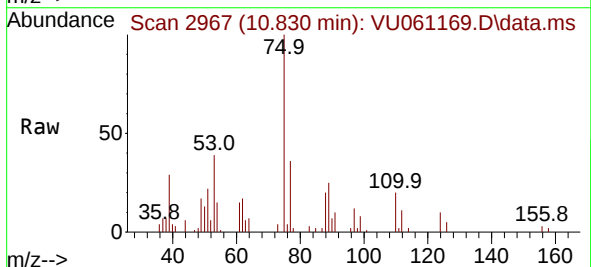
Manual Integrations  
APPROVED

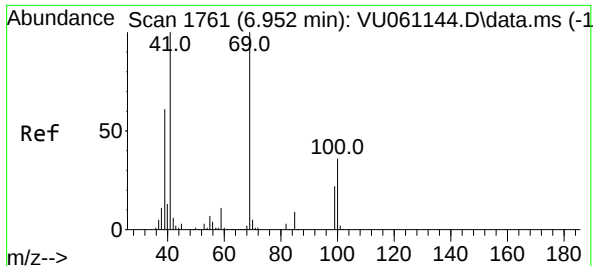
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#46  
t-1,4-Dichloro-2-butene  
Concen: 3.843 ug/l m  
RT: 10.830 min Scan# 2967  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Tgt Ion: 75 Resp: 10677  
Ion Ratio Lower Upper  
75 100  
53 79.5 66.0 99.0  
89 55.8 48.0 72.0  
88 41.5 35.7 53.5





#47

Methyl methacrylate

Concen: 3.855 ug/l

RT: 6.959 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

Instrument :

MSVOA\_U

ClientSampleId :

VU1021WBS01

Tgt Ion: 69 Resp: 2325

Ion Ratio Lower Upper

69 100

41 101.5 0.0 196.0

39 61.9 48.0 72.0

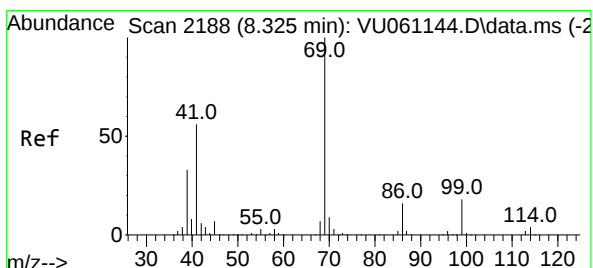
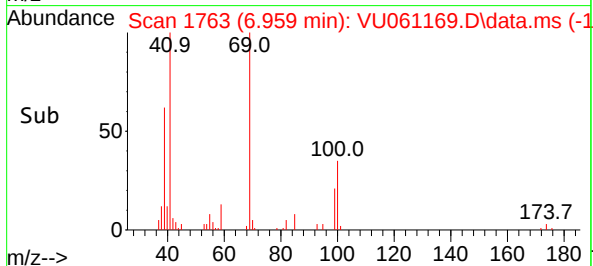
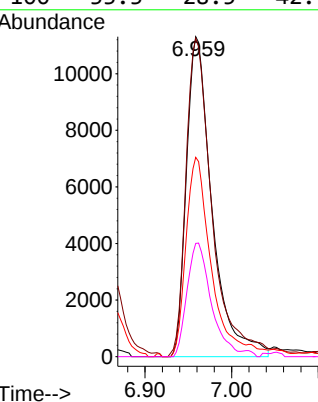
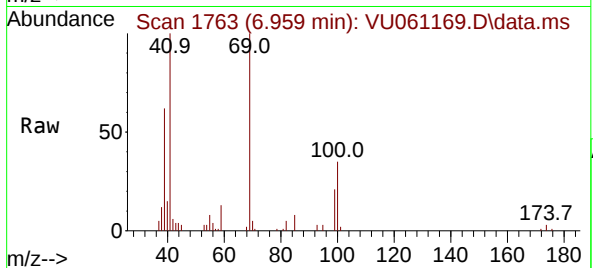
100 33.3 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#48

Ethyl methacrylate

Concen: 1.868 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.006 min

Lab File: VU061169.D

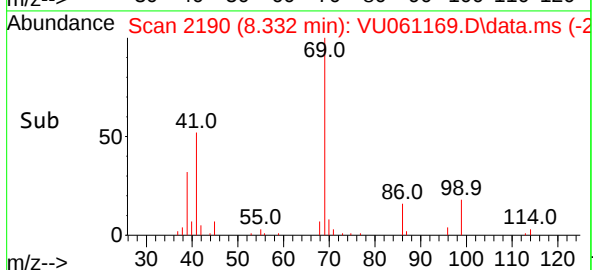
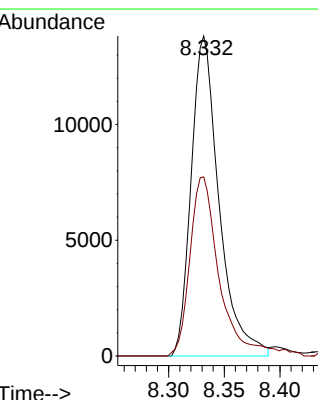
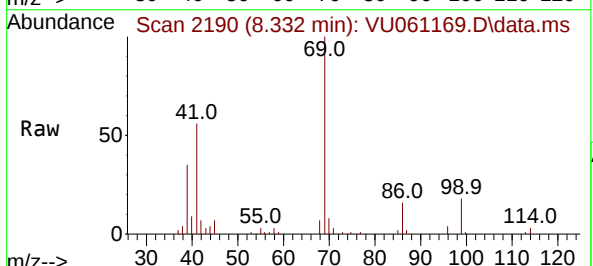
Acq: 21 Oct 2024 13:50

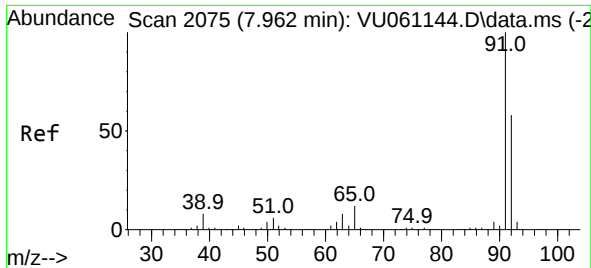
Tgt Ion: 69 Resp: 24026

Ion Ratio Lower Upper

69 100

41 59.5 28.1 84.3





#49

Toluene

Concen: 1.942 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

Instrument :

MSVOA\_U

ClientSampleId :

VU1021WBS01

Tgt Ion: 92 Resp: 6482

Ion Ratio Lower Upper

92 100

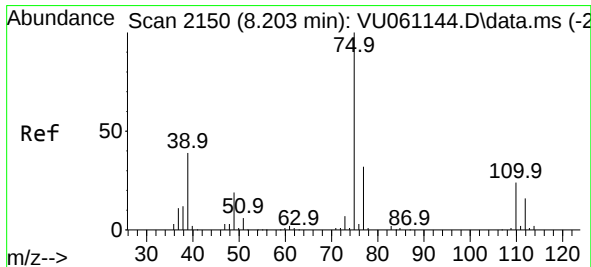
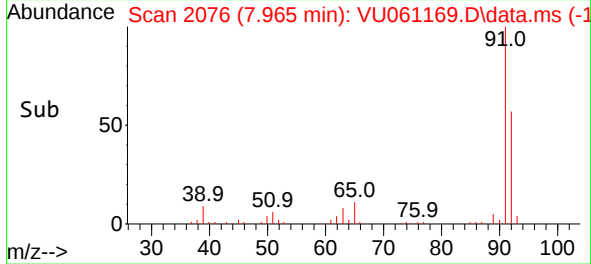
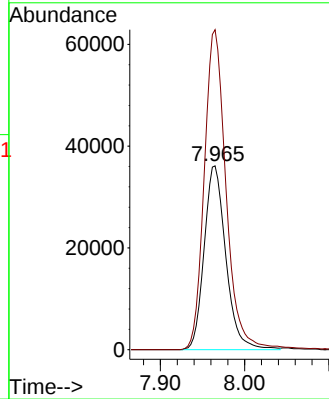
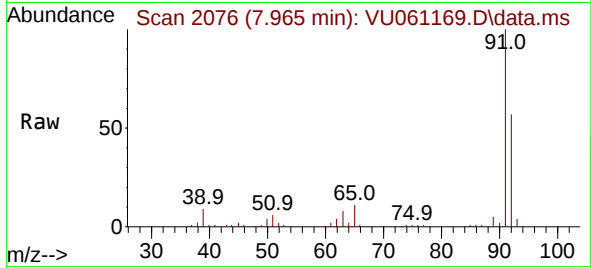
91 175.7 139.1 208.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#50

t-1,3-Dichloropropene

Concen: 1.958 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU061169.D

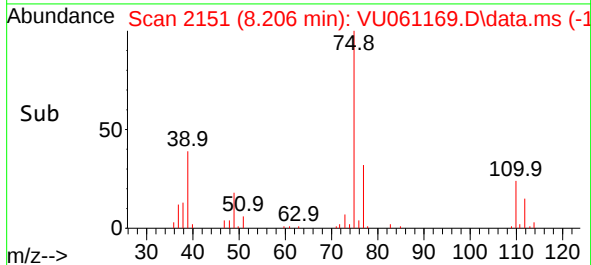
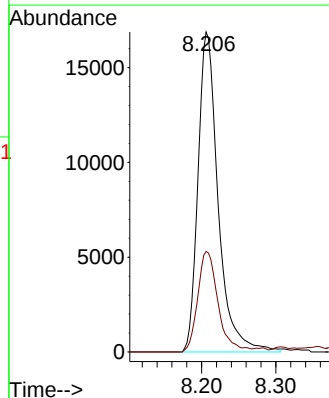
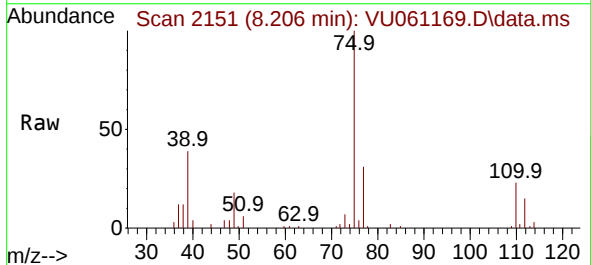
Acq: 21 Oct 2024 13:50

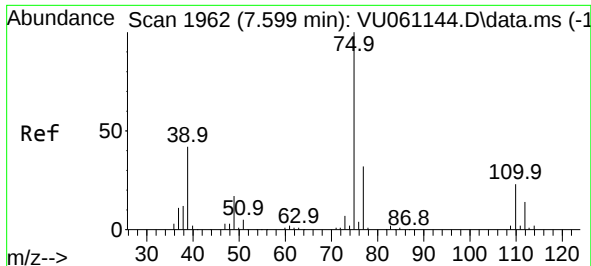
Tgt Ion: 75 Resp: 31861

Ion Ratio Lower Upper

75 100

77 31.4 25.9 38.9





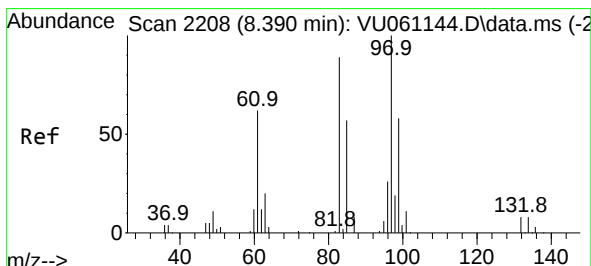
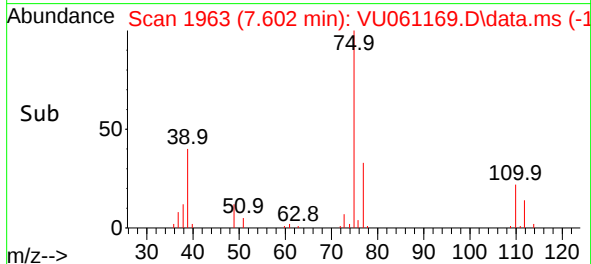
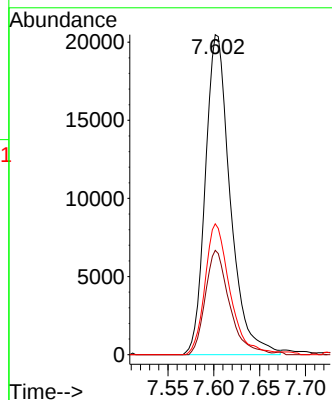
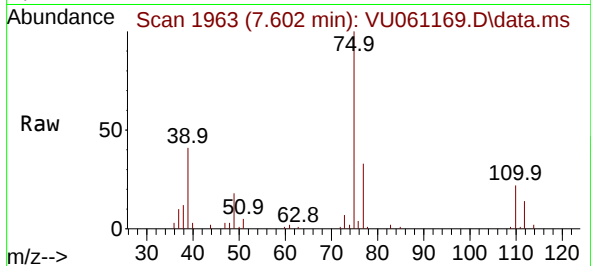
#51  
 cis-1,3-Dichloropropene  
 Concen: 1.937 ug/l  
 RT: 7.602 min Scan# 1962  
 Delta R.T. 0.003 min  
 Lab File: VU061169.D  
 Acq: 21 Oct 2024 13:50

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1021WBS01

Tgt Ion: 75 Resp: 38684  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.8 38.8  
 39 40.9 33.7 50.5

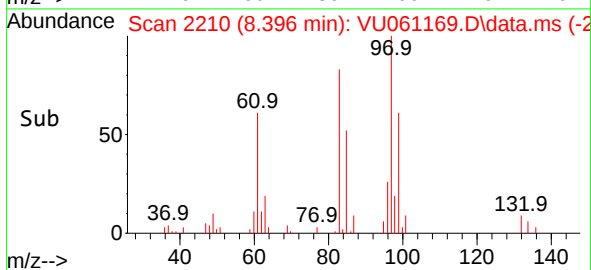
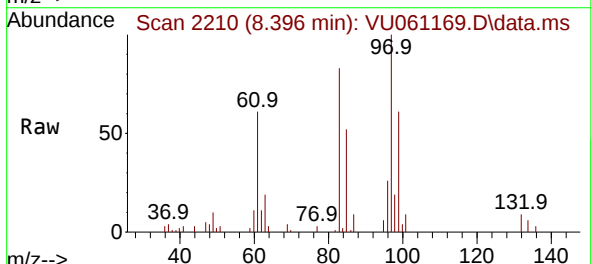
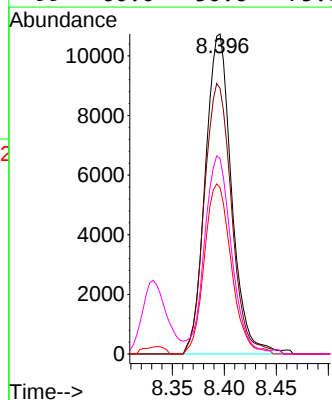
Manual Integrations  
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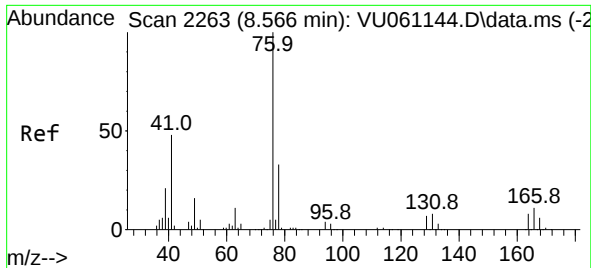
Reviewed By :Mahesh Dadoda 10/25/2024  
 Supervised By :Semsettin Yesilyurt 10/25/2024



#52  
 1,1,2-Trichloroethane  
 Concen: 2.017 ug/l  
 RT: 8.396 min Scan# 2210  
 Delta R.T. 0.006 min  
 Lab File: VU061169.D  
 Acq: 21 Oct 2024 13:50

Tgt Ion: 97 Resp: 18876  
 Ion Ratio Lower Upper  
 97 100  
 83 83.1 71.0 106.4  
 85 52.0 46.1 69.1  
 99 60.0 50.6 75.8





#53

1,3-Dichloropropane

Concen: 1.975 ug/l

RT: 8.569 min Scan# 2263

Delta R.T. 0.003 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

Instrument :

MSVOA\_U

ClientSampleId :

VU1021WBS01

Tgt Ion: 76 Resp: 32469

Ion Ratio Lower Upper

76 100

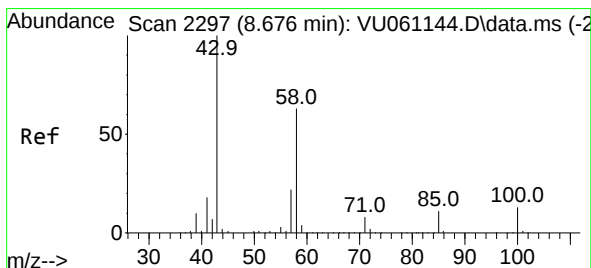
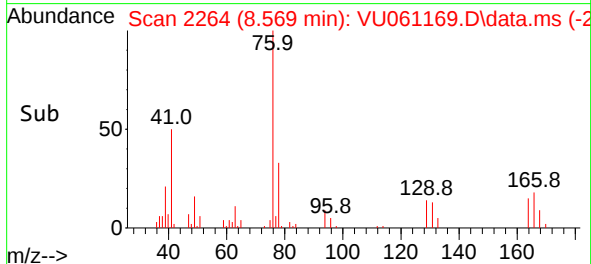
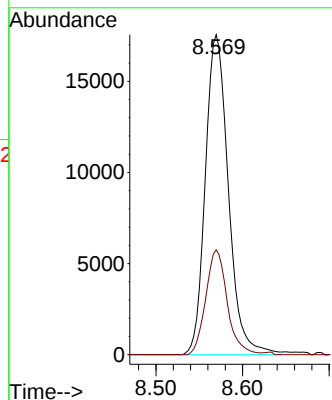
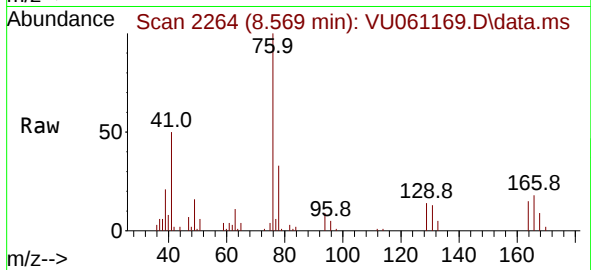
78 30.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#54

2-Hexanone

Concen: 9.571 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

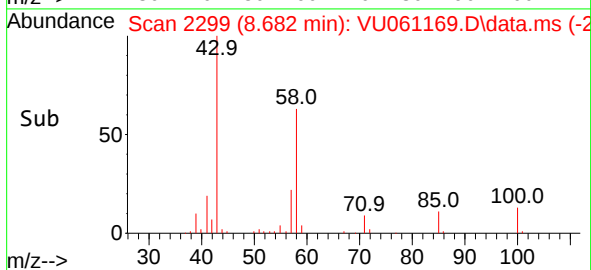
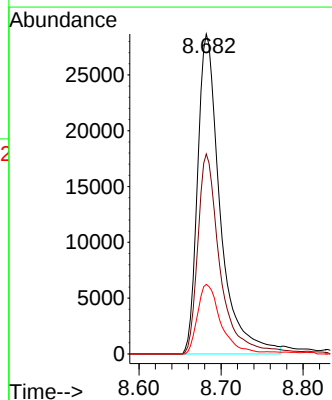
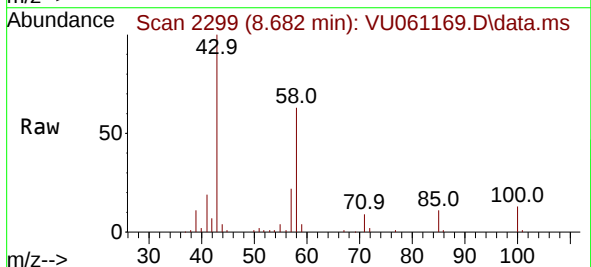
Tgt Ion: 43 Resp: 54779

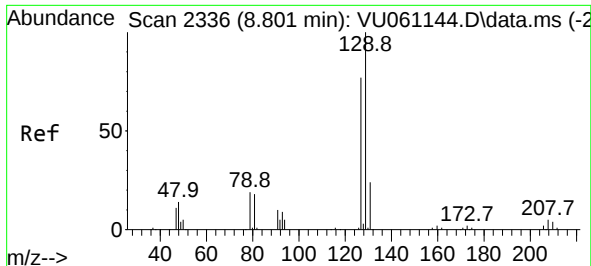
Ion Ratio Lower Upper

43 100

58 61.8 41.8 81.8

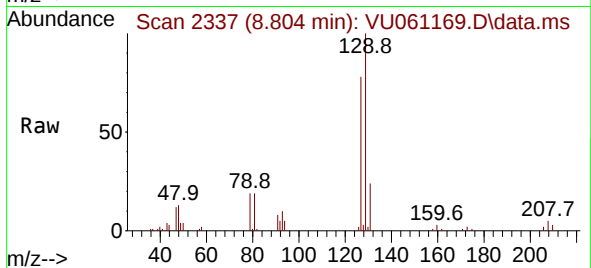
57 22.4 1.4 41.4





#55  
Dibromochloromethane  
Concen: 2.006 ug/l  
RT: 8.804 min Scan# 2117  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

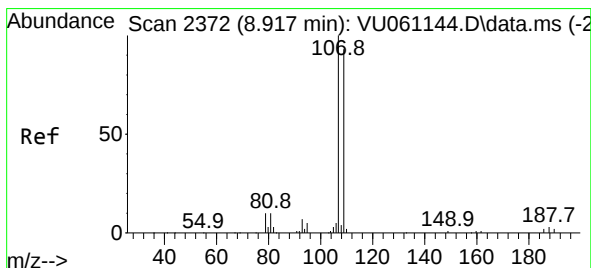
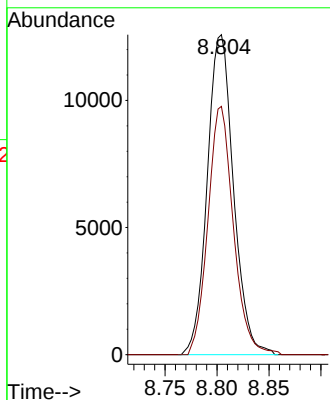
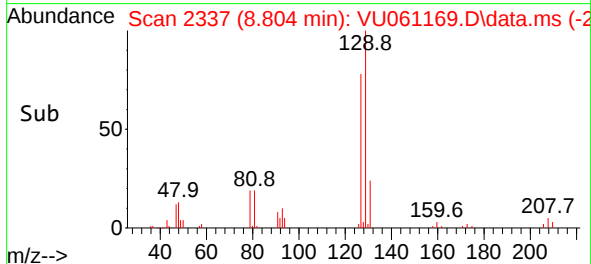
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



Tgt Ion:129 Resp: 2217  
Ion Ratio Lower Upper  
129 100  
127 75.1 61.9 92.9

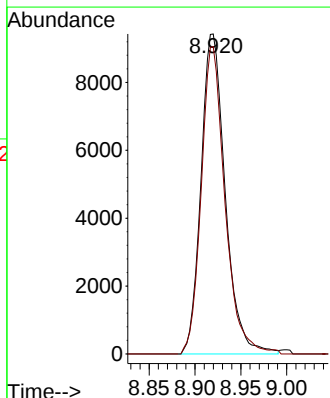
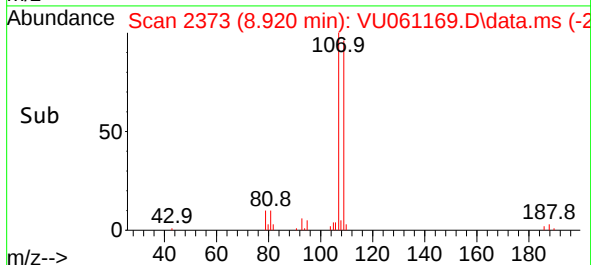
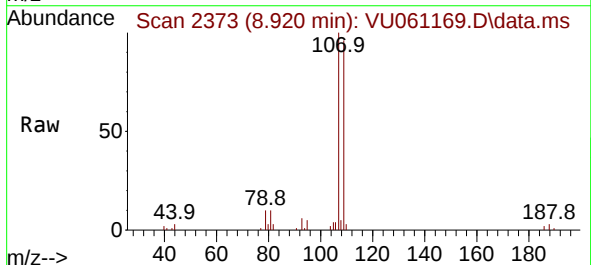
Manual Integrations  
APPROVED

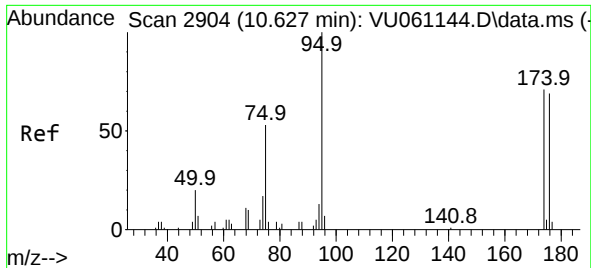
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#56  
1,2-Dibromoethane  
Concen: 1.930 ug/l  
RT: 8.920 min Scan# 2373  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

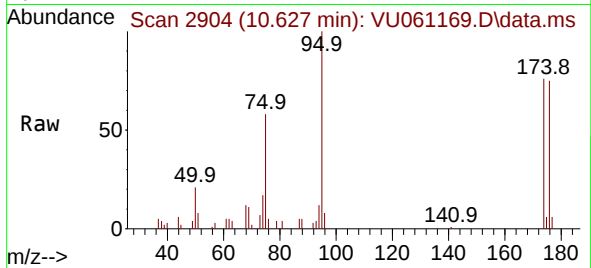
Tgt Ion:107 Resp: 17332  
Ion Ratio Lower Upper  
107 100  
109 93.8 0.0 185.2





#57  
4-Bromofluorobenzene  
Concen: 0.985 ug/l  
RT: 10.627 min Scan# 2904  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

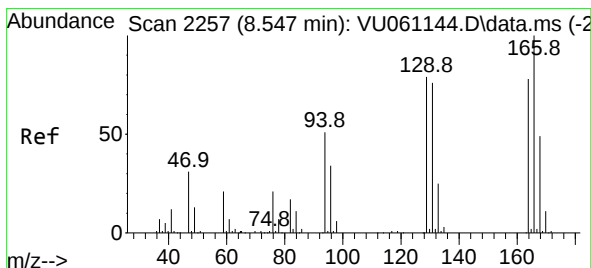
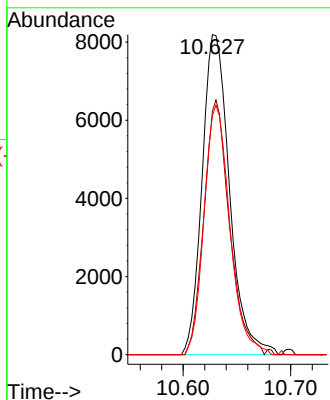
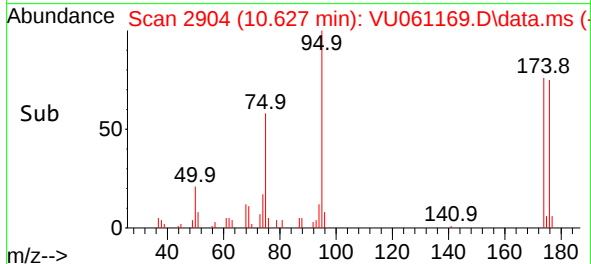
Instrument : MSVOA\_U  
ClientSampleId : VU1021WBS01



Tgt Ion: 95 Resp: 1457  
Ion Ratio Lower Upper  
95 100  
174 73.9 55.4 83.0  
176 73.1 54.4 81.6

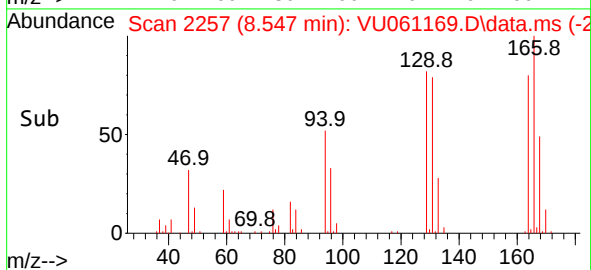
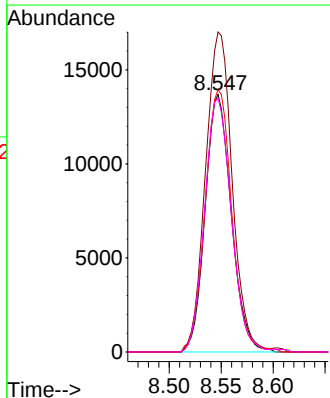
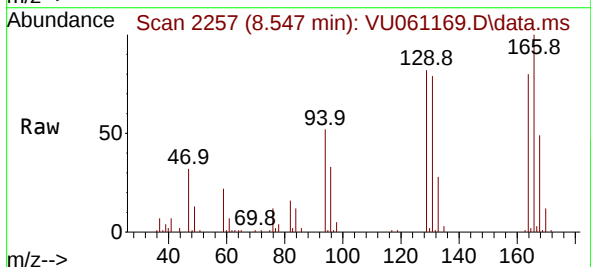
Manual Integrations  
APPROVED

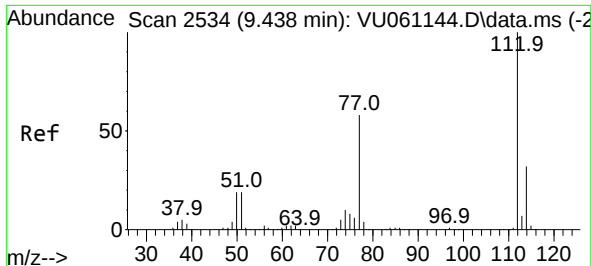
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#58  
Tetrachloroethene  
Concen: 2.002 ug/l  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

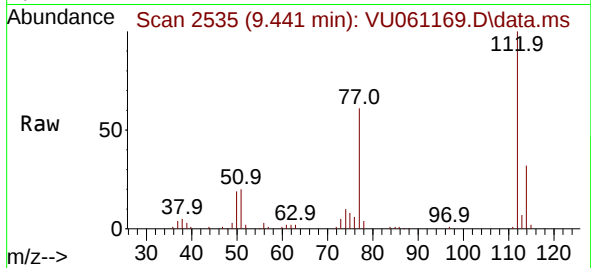
Tgt Ion:164 Resp: 23950  
Ion Ratio Lower Upper  
164 100  
166 124.3 102.1 153.1  
129 101.9 80.6 120.8  
131 98.6 77.7 116.5





#59  
Chlorobenzene  
Concen: 1.964 ug/l  
RT: 9.441 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

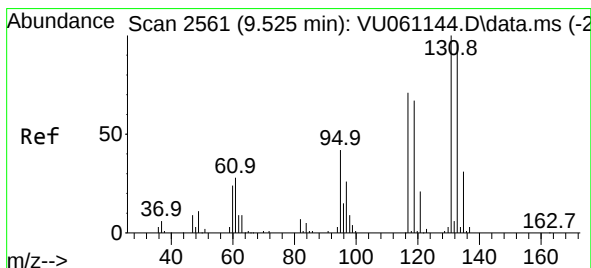
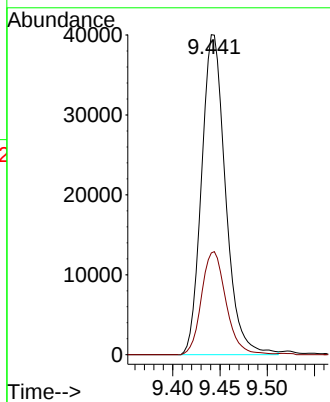
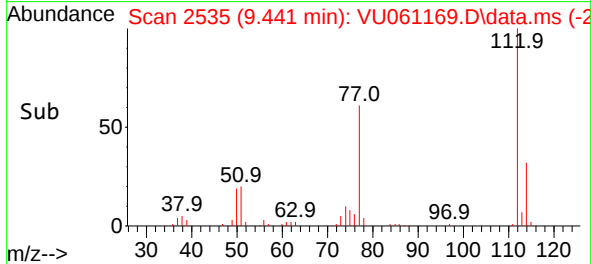
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



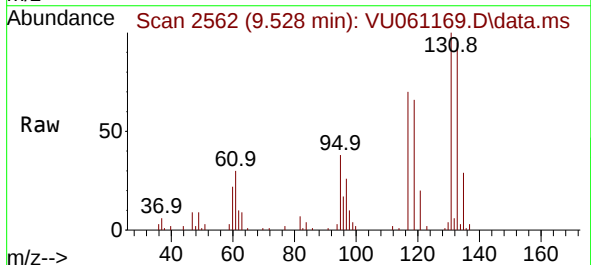
Tgt Ion:112 Resp: 70630  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.4 38.2

Manual Integrations  
APPROVED

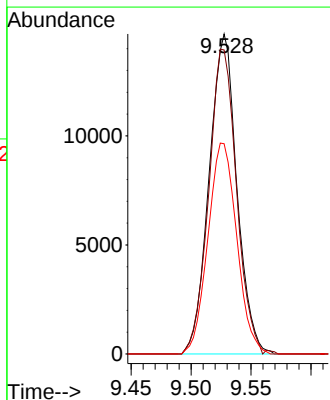
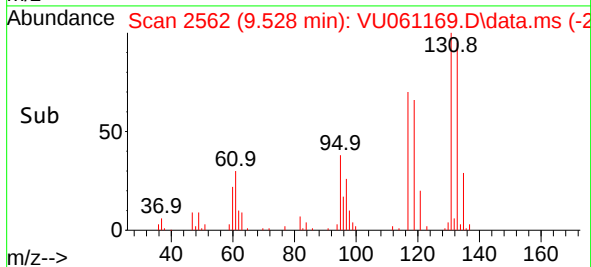
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

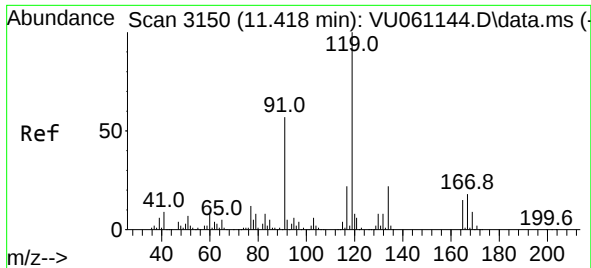


#60  
1,1,1,2-Tetrachloroethane  
Concen: 1.944 ug/l  
RT: 9.528 min Scan# 2562  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50



Tgt Ion:131 Resp: 23589  
Ion Ratio Lower Upper  
131 100  
133 95.8 76.8 115.2  
119 68.5 54.2 81.2





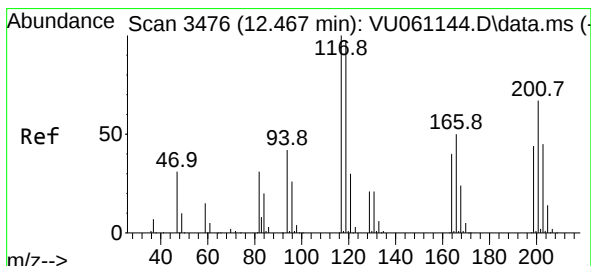
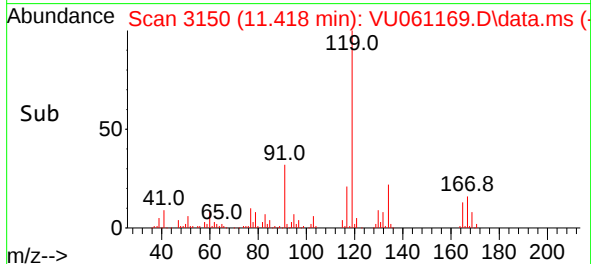
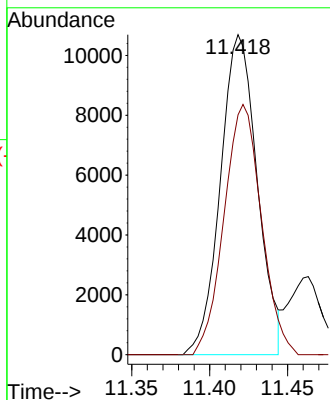
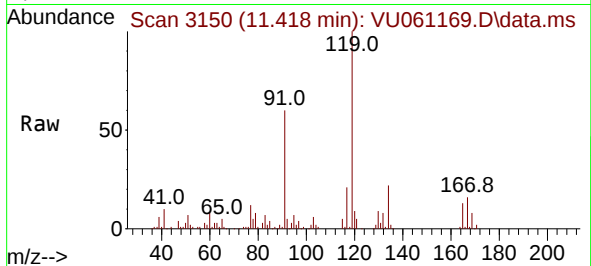
#61  
Pentachloroethane  
Concen: 1.895 ug/l  
RT: 11.418 min Scan# 3150  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01

Tgt Ion:117 Resp: 17598  
Ion Ratio Lower Upper  
117 100  
167 79.1 63.4 95.2

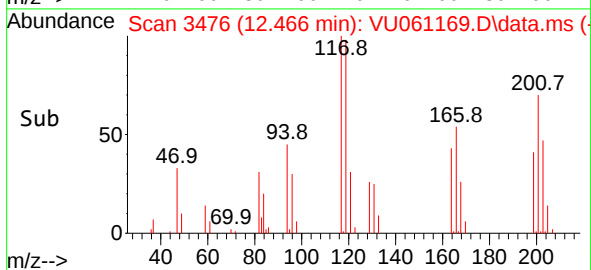
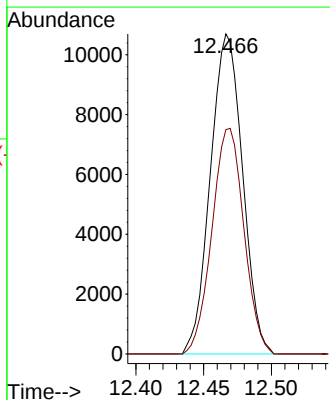
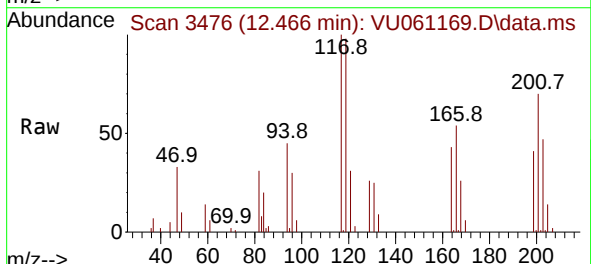
Manual Integrations  
APPROVED

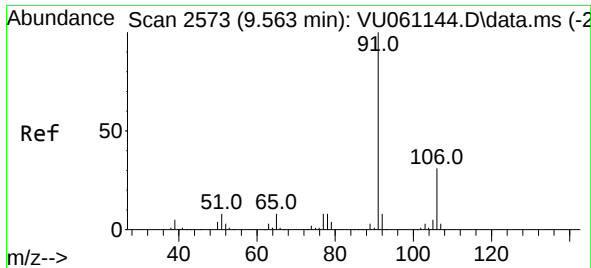
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#62  
Hexachloroethane  
Concen: 1.848 ug/l  
RT: 12.466 min Scan# 3476  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Tgt Ion:117 Resp: 17681  
Ion Ratio Lower Upper  
117 100  
201 69.9 54.3 81.5





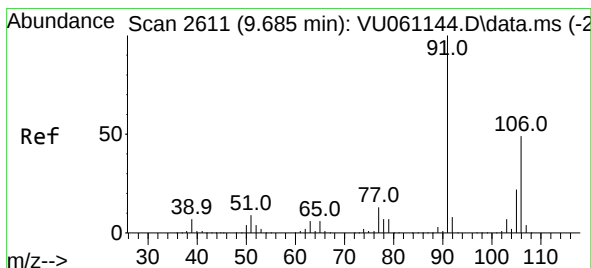
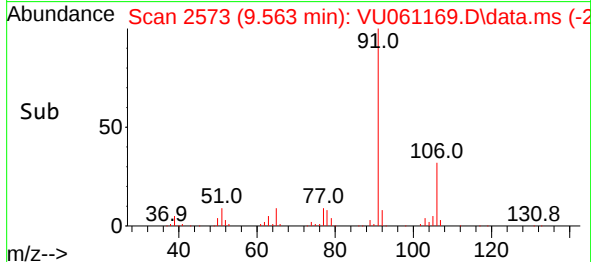
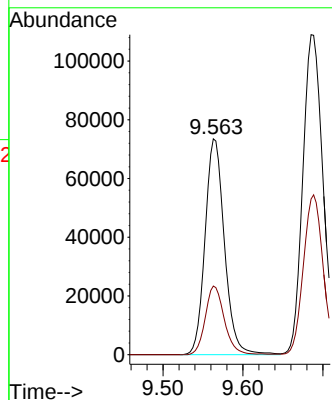
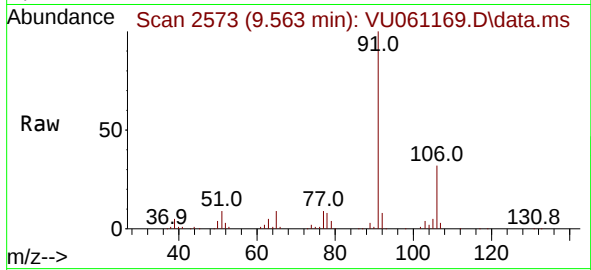
#63  
Ethyl Benzene  
Concen: 1.926 ug/l  
RT: 9.563 min Scan# 2100  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01

Tgt Ion: 91 Resp: 124086  
Ion Ratio Lower Upper  
91 100  
106 31.8 24.6 37.0

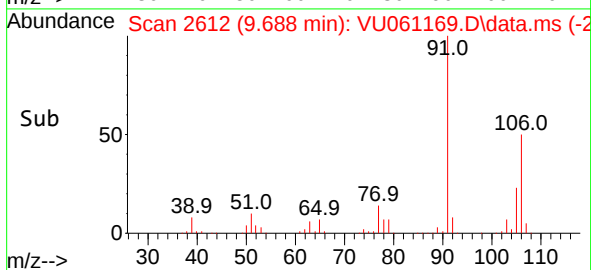
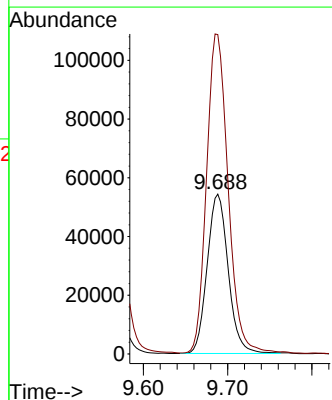
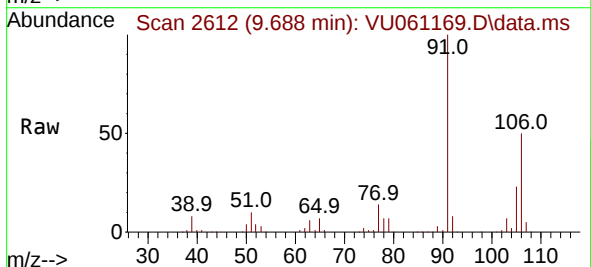
Manual Integrations  
APPROVED

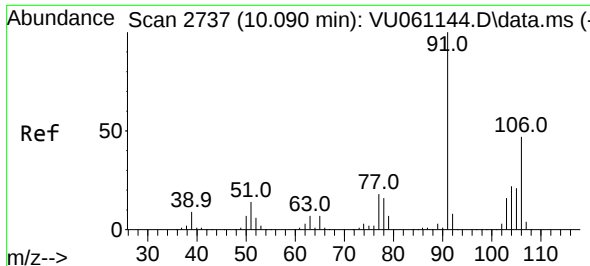
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#64  
m/p-Xylenes  
Concen: 3.845 ug/l  
RT: 9.688 min Scan# 2612  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Tgt Ion:106 Resp: 94274  
Ion Ratio Lower Upper  
106 100  
91 206.1 163.3 244.9





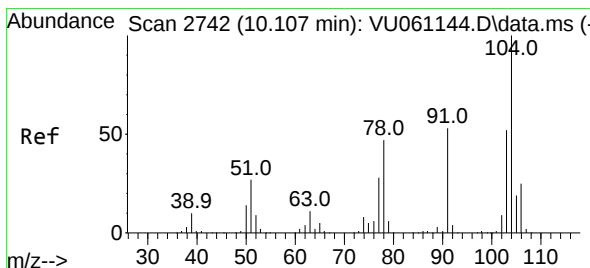
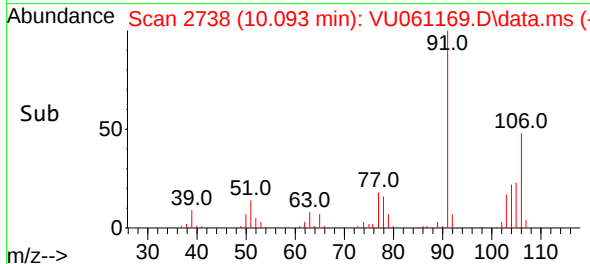
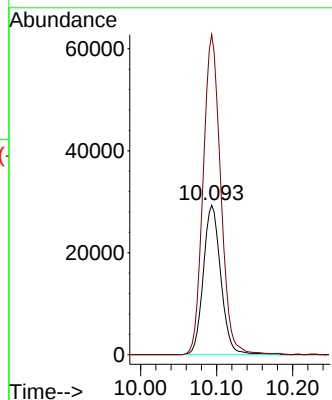
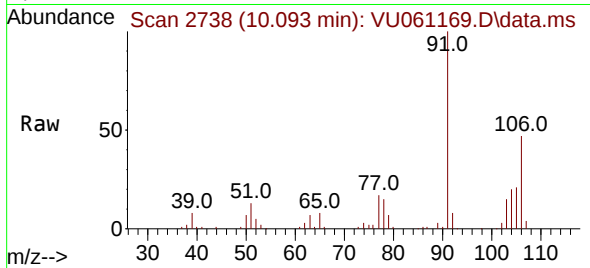
#65  
o-Xylene  
Concen: 1.940 ug/l  
RT: 10.093 min Scan# 2737  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01

Tgt Ion:106 Resp: 4684  
Ion Ratio Lower Upper  
106 100  
91 215.2 106.9 320.8

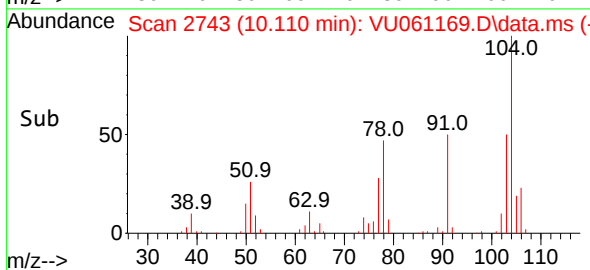
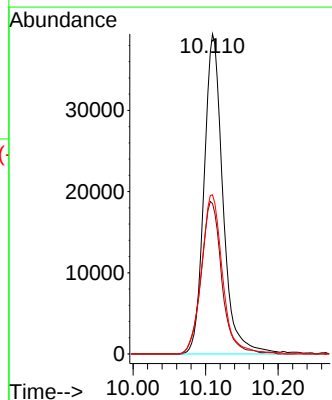
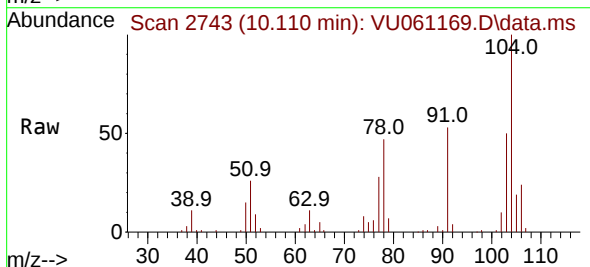
Manual Integrations  
APPROVED

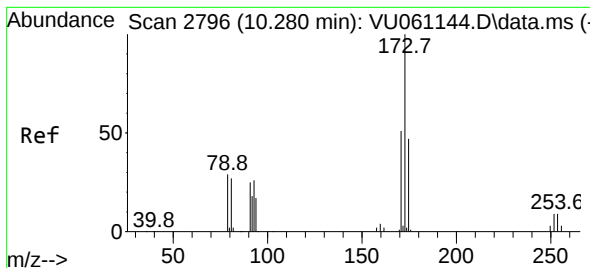
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#66  
Styrene  
Concen: 1.899 ug/l  
RT: 10.110 min Scan# 2743  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Tgt Ion:104 Resp: 71342  
Ion Ratio Lower Upper  
104 100  
78 51.9 41.6 62.4  
103 55.3 45.0 67.6





#67

Bromoform

Concen: 1.883 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

Instrument :

MSVOA\_U

ClientSampleId :

VU1021WBS01

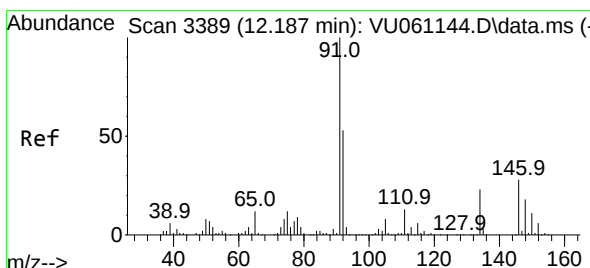
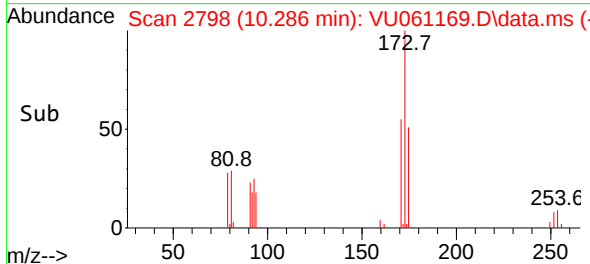
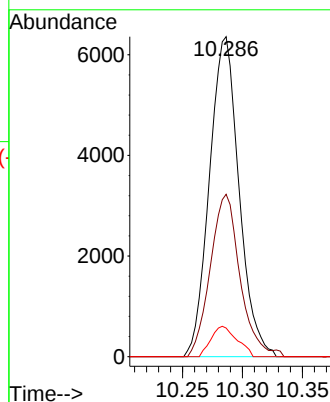
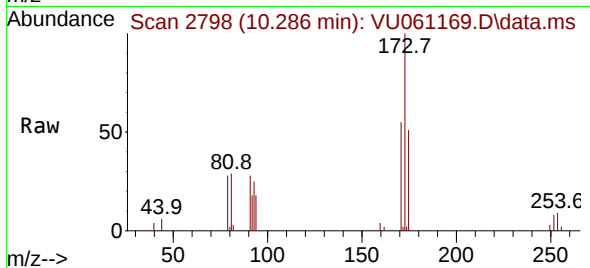
Tgt Ion:173 Resp: 1089

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 50.9  | 37.8  | 56.8  |
| 254 | 8.3   | 7.0   | 10.4  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#68

1,2-Dichlorobenzene-d4

Concen: 0.972 ug/l

RT: 12.187 min Scan# 3389

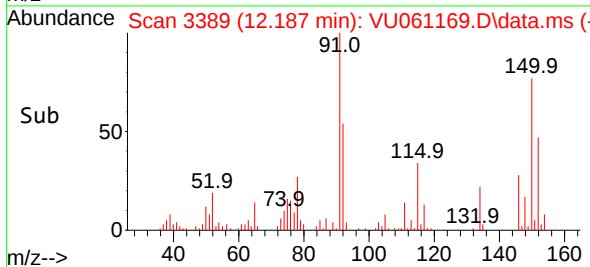
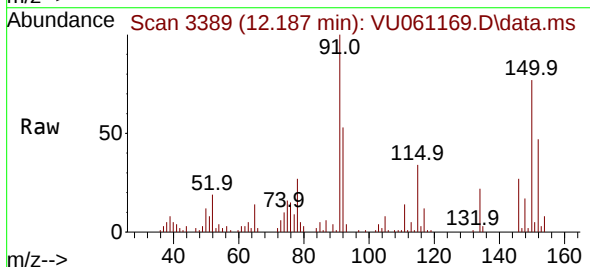
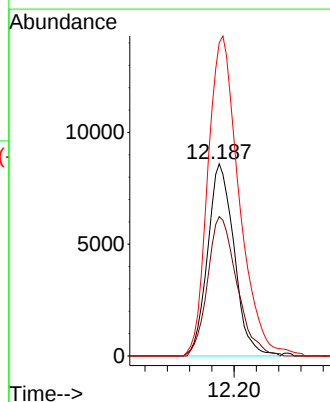
Delta R.T. -0.000 min

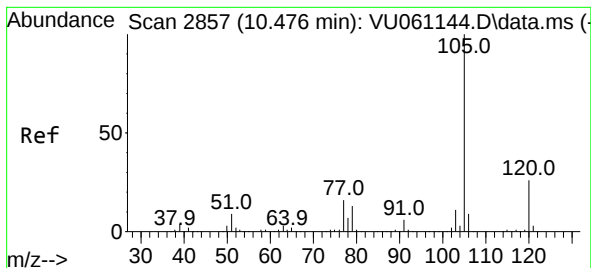
Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

Tgt Ion:152 Resp: 14167

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 80.4  | 0.0   | 275.0 |
| 150 | 196.5 | 0.0   | 668.8 |





#69

Isopropylbenzene

Concen: 1.957 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

Instrument :

MSVOA\_U

ClientSampleId :

VU1021WBS01

Tgt Ion:105 Resp: 112458

Ion Ratio Lower Upper

105 100

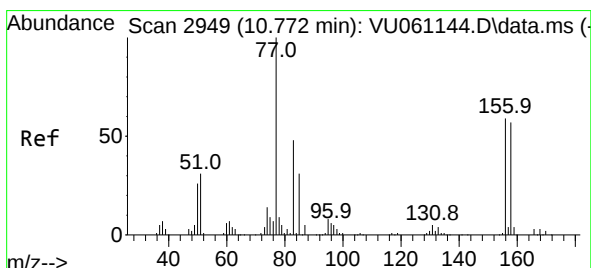
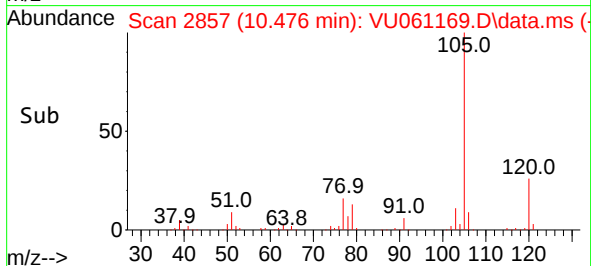
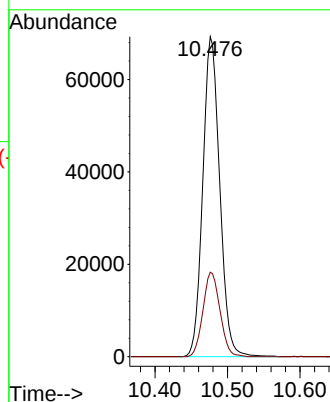
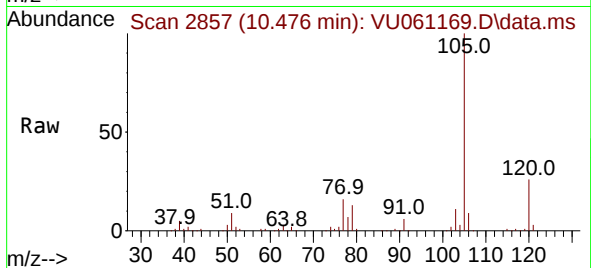
120 26.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 1.935 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

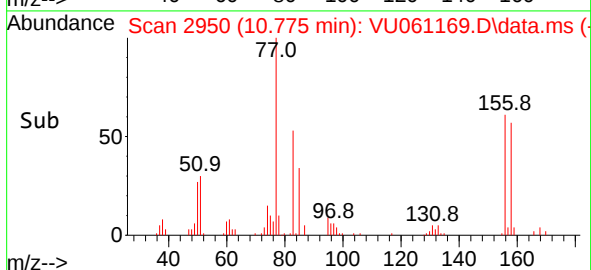
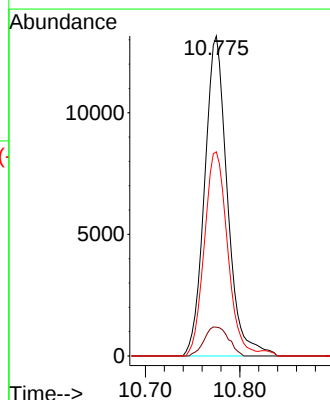
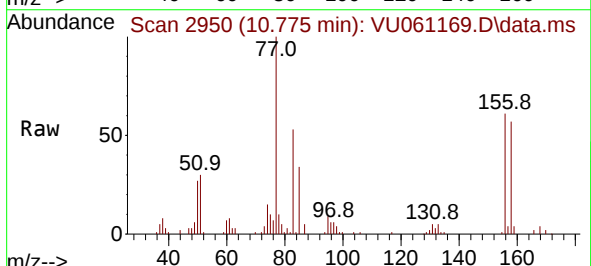
Tgt Ion: 83 Resp: 21995

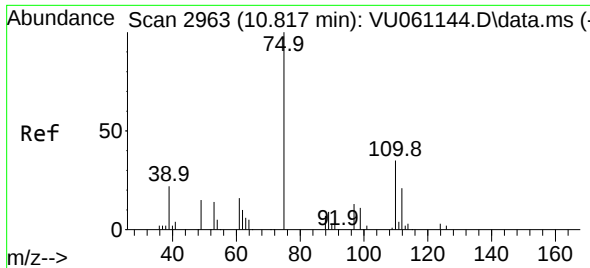
Ion Ratio Lower Upper

83 100

131 9.7 7.8 11.8

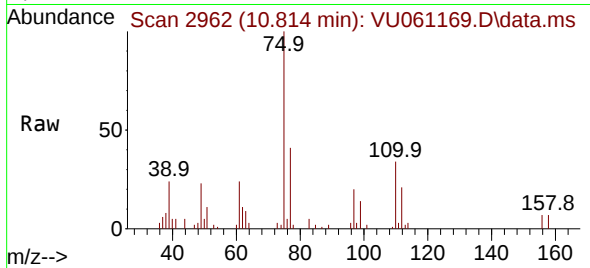
85 65.1 50.8 76.2





#71  
1,2,3-Trichloropropane  
Concen: 1.828 ug/l m  
RT: 10.814 min Scan# 2963  
Delta R.T. -0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

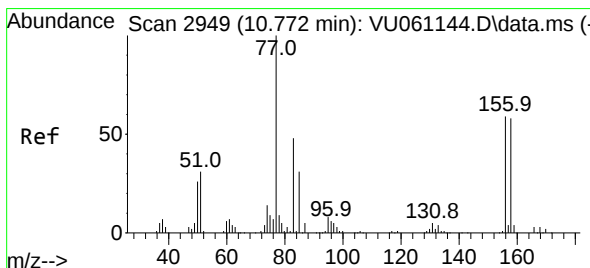
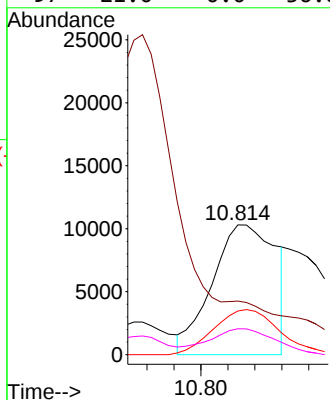
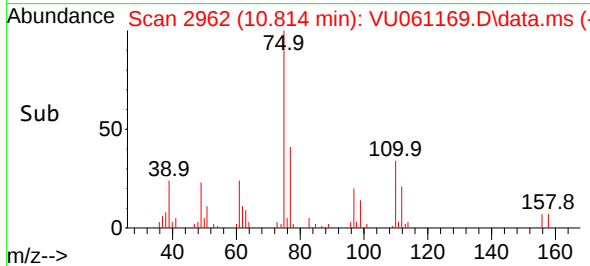
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



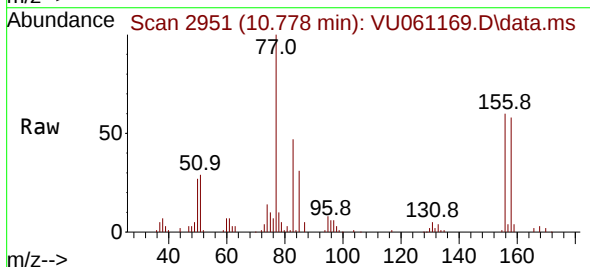
Tgt Ion: 75 Resp: 16924  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0  
110 35.7 0.0 68.6  
97 21.0 0.0 36.8

Manual Integrations  
APPROVED

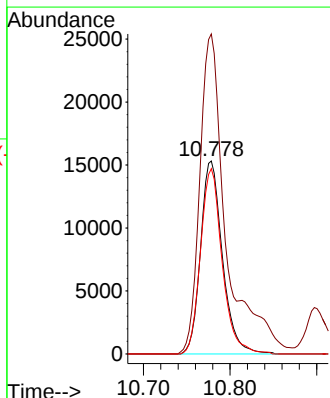
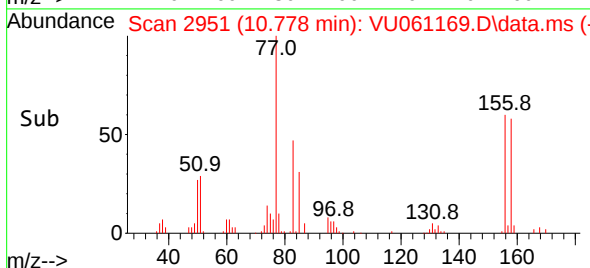
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

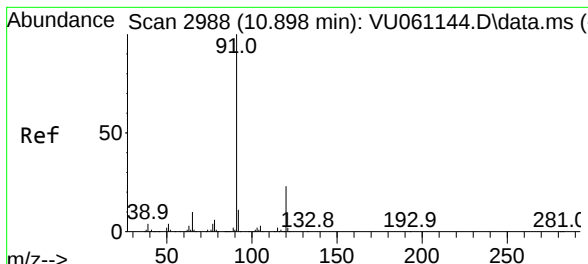


#72  
Bromobenzene  
Concen: 1.945 ug/l  
RT: 10.778 min Scan# 2951  
Delta R.T. 0.006 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50



Tgt Ion:156 Resp: 26870  
Ion Ratio Lower Upper  
156 100  
77 200.4 0.0 337.2  
158 95.4 0.0 192.8





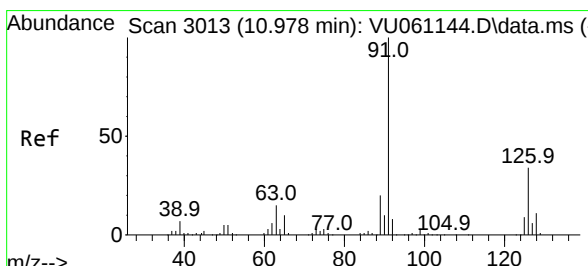
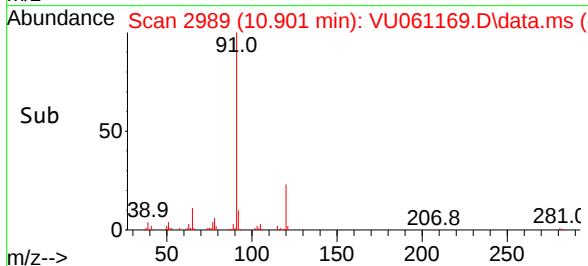
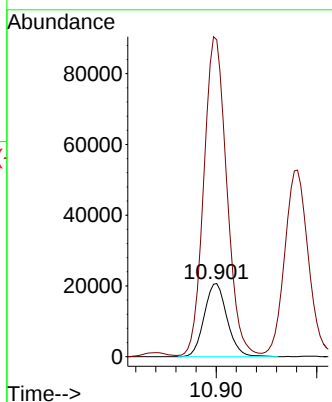
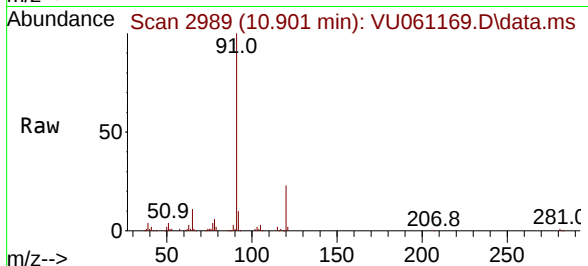
#73  
 n-propylbenzene  
 Concen: 1.944 ug/l  
 RT: 10.901 min Scan# 2989  
 Delta R.T. 0.003 min  
 Lab File: VU061169.D  
 Acq: 21 Oct 2024 13:50

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1021WBS01

Tgt Ion:120 Resp: 32590  
 Ion Ratio Lower Upper  
 120 100  
 91 437.7 353.6 530.4

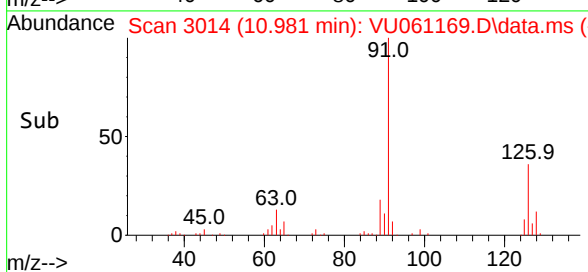
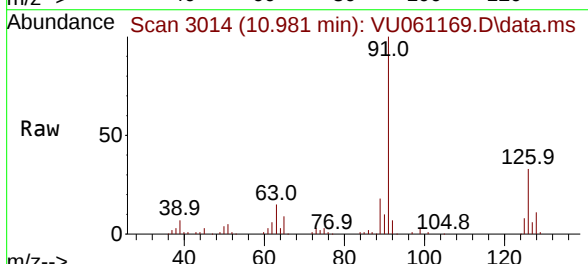
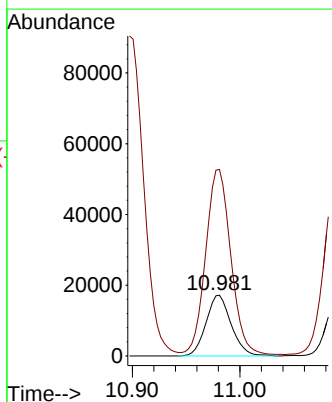
Manual Integrations  
 APPROVED

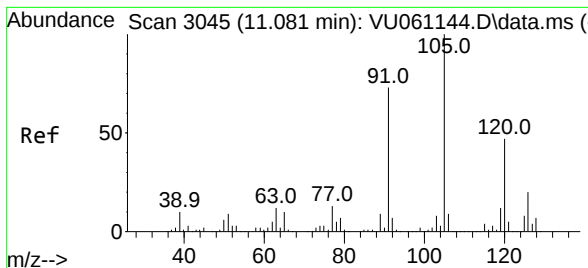
Reviewed By :Mahesh Dadoda 10/25/2024  
 Supervised By :Semsettin Yesilyurt 10/25/2024



#74  
 2-Chlorotoluene  
 Concen: 1.925 ug/l  
 RT: 10.981 min Scan# 3014  
 Delta R.T. 0.003 min  
 Lab File: VU061169.D  
 Acq: 21 Oct 2024 13:50

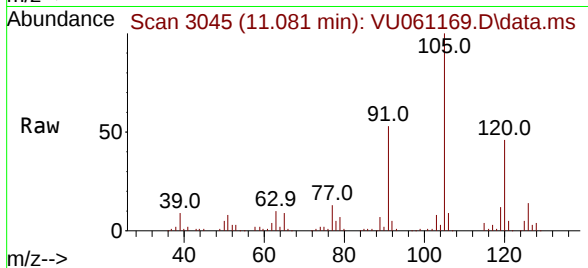
Tgt Ion:126 Resp: 27907  
 Ion Ratio Lower Upper  
 126 100  
 91 305.0 0.0 595.2





#75  
1,3,5-Trimethylbenzene  
Concen: 1.958 ug/l  
RT: 11.081 min Scan# 3045  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

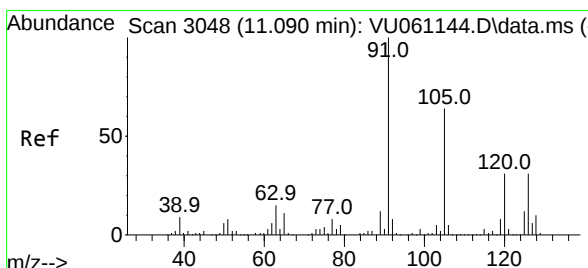
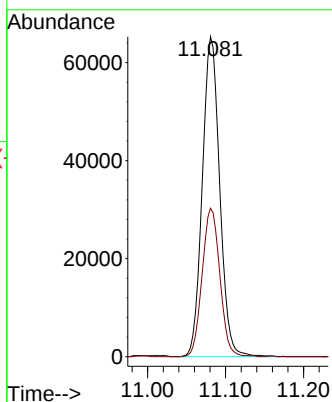
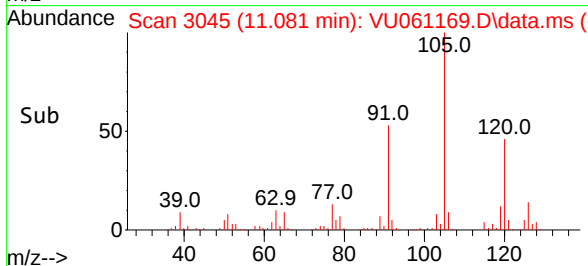
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



Tgt Ion:105 Resp: 101435  
Ion Ratio Lower Upper  
105 100  
120 47.2 38.0 57.0

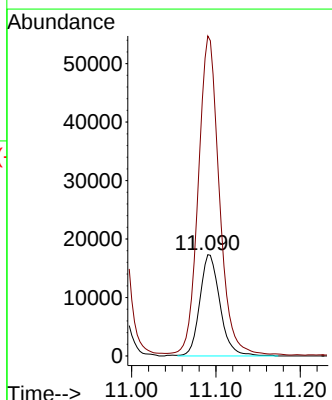
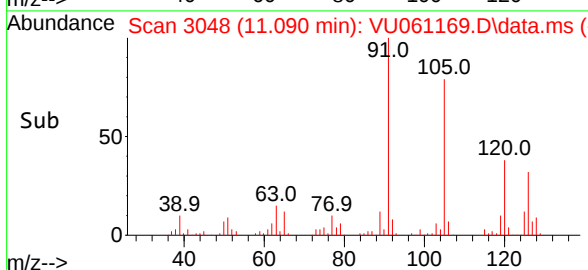
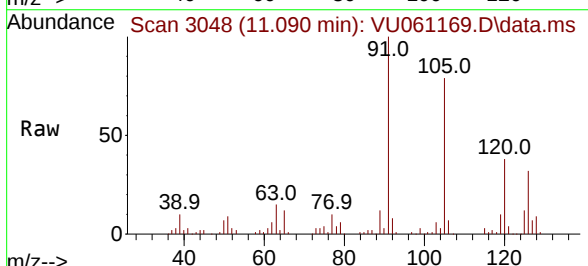
Manual Integrations  
APPROVED

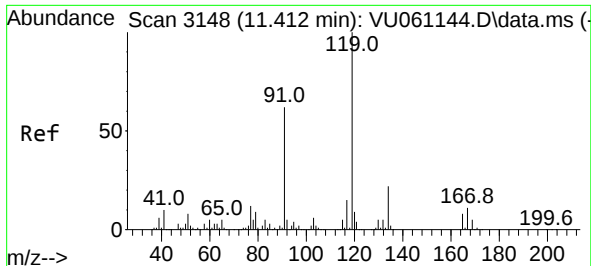
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#76  
4-Chlorotoluene  
Concen: 1.956 ug/l  
RT: 11.090 min Scan# 3048  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

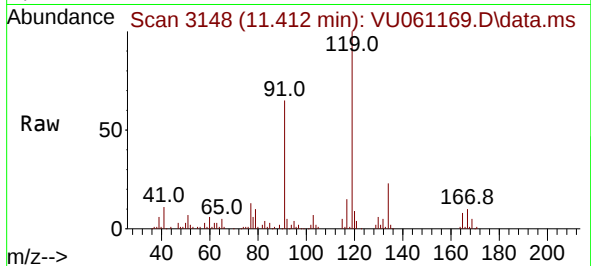
Tgt Ion:126 Resp: 28834  
Ion Ratio Lower Upper  
126 100  
91 323.9 0.0 678.2





#77  
tert-Butylbenzene  
Concen: 1.946 ug/l  
RT: 11.412 min Scan# 3148  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

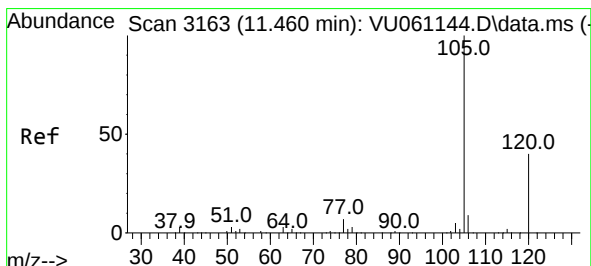
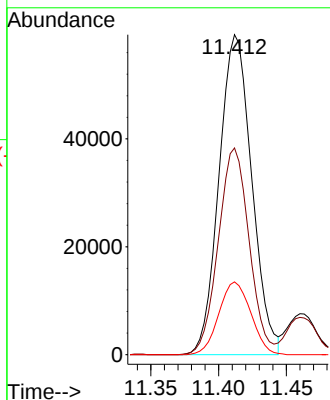
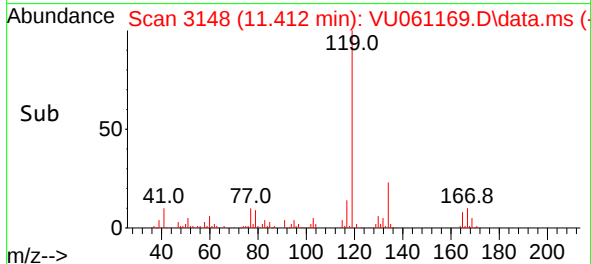
Instrument : MSVOA\_U  
ClientSampleId : VU1021WBS01



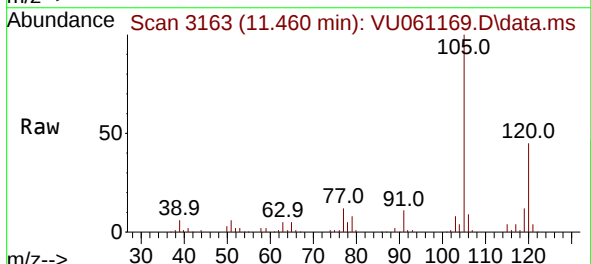
Tgt Ion:119 Resp: 99664  
Ion Ratio Lower Upper  
119 100  
91 61.0 30.1 90.5  
134 22.2 17.5 26.3

Manual Integrations  
APPROVED

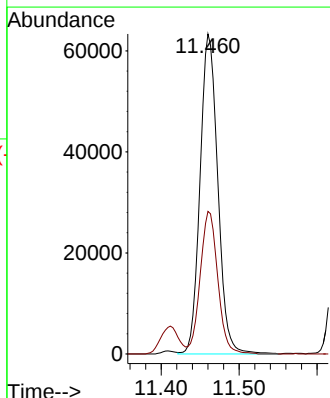
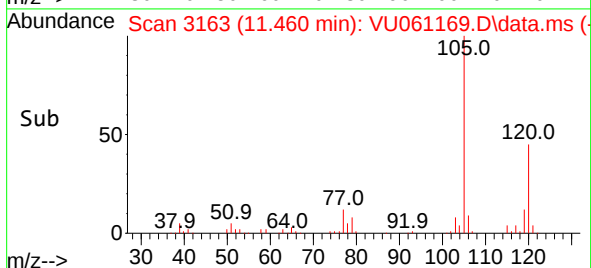
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

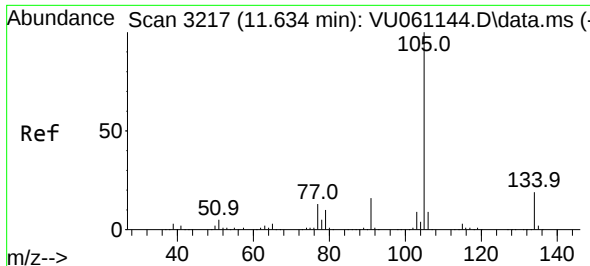


#78  
1,2,4-Trimethylbenzene  
Concen: 1.915 ug/l  
RT: 11.460 min Scan# 3163  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50



Tgt Ion:105 Resp: 100169  
Ion Ratio Lower Upper  
105 100  
120 44.3 22.3 66.9





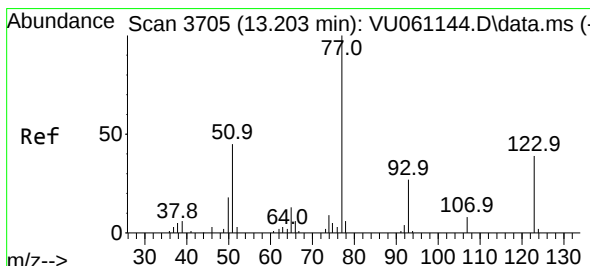
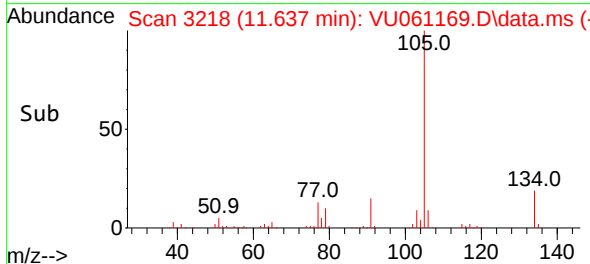
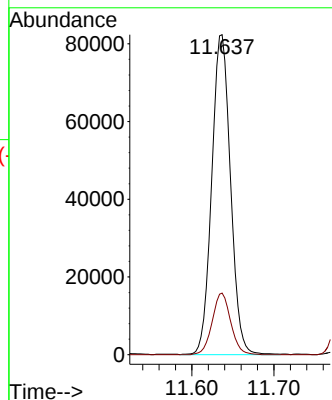
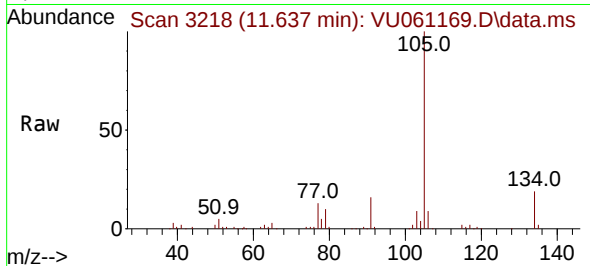
#79  
 sec-Butylbenzene  
 Concen: 1.970 ug/l  
 RT: 11.637 min Scan# 31  
 Delta R.T. 0.003 min  
 Lab File: VU061169.D  
 Acq: 21 Oct 2024 13:50

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1021WBS01

Tgt Ion:105 Resp: 131354  
 Ion Ratio Lower Upper  
 105 100  
 134 19.0 15.5 23.3

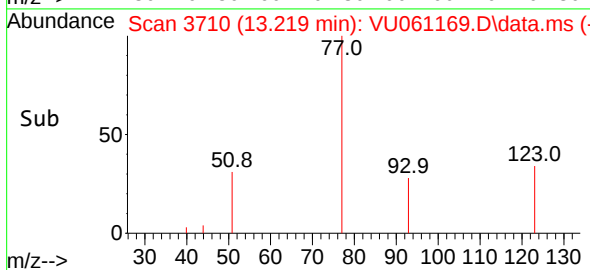
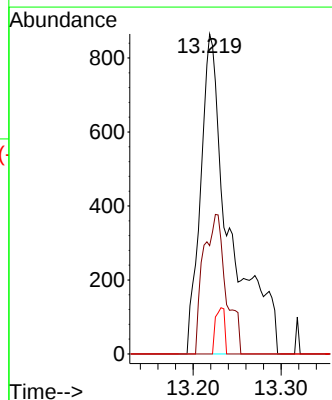
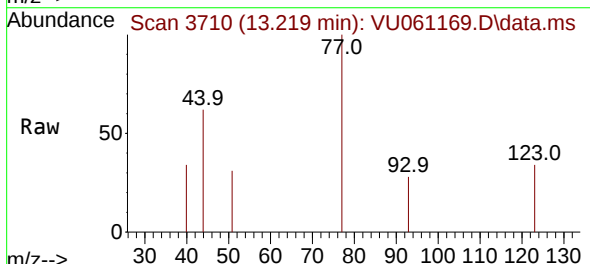
Manual Integrations  
 APPROVED

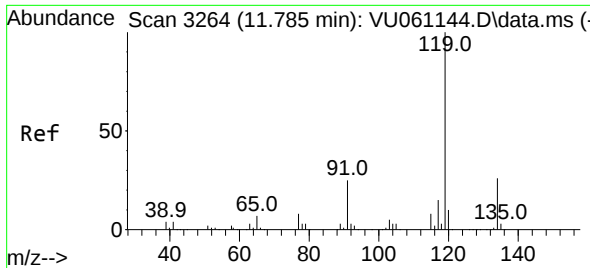
Reviewed By :Mahesh Dadoda 10/25/2024  
 Supervised By :Semsettin Yesilyurt 10/25/2024



#80  
 Nitrobenzene  
 Concen: 10.130 ug/l m  
 RT: 13.219 min Scan# 3710  
 Delta R.T. 0.016 min  
 Lab File: VU061169.D  
 Acq: 21 Oct 2024 13:50

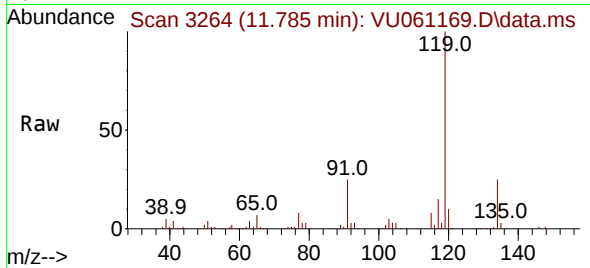
Tgt Ion: 77 Resp: 2002  
 Ion Ratio Lower Upper  
 77 100  
 123 33.5 15.6 55.2  
 65 4.4 10.7 13.7#





#81  
p-Isopropyltoluene  
Concen: 1.905 ug/l  
RT: 11.785 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

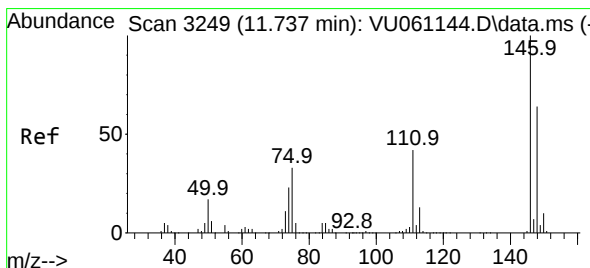
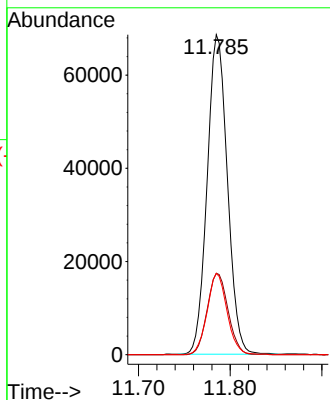
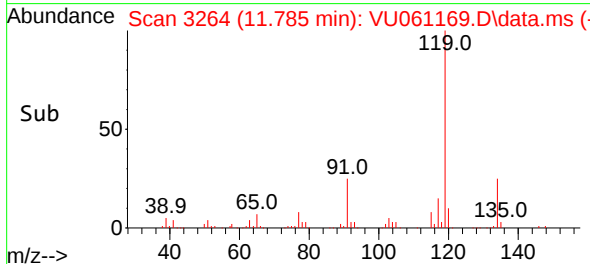
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



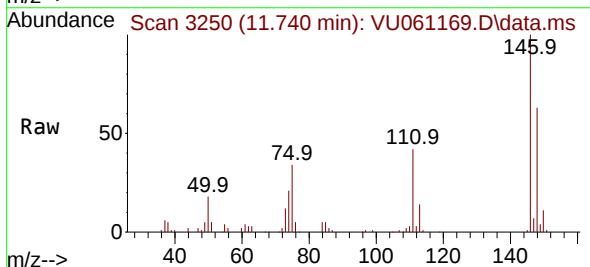
Tgt Ion:119 Resp: 10514  
Ion Ratio Lower Upper  
119 100  
134 26.2 21.0 31.6  
91 25.0 19.8 29.8

Manual Integrations  
APPROVED

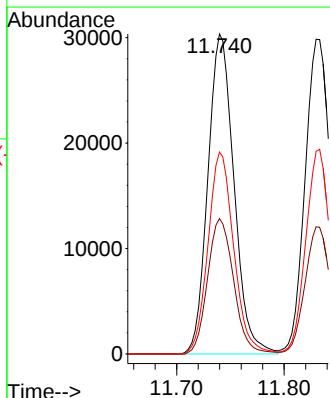
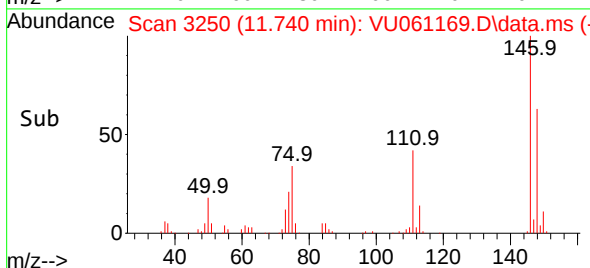
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

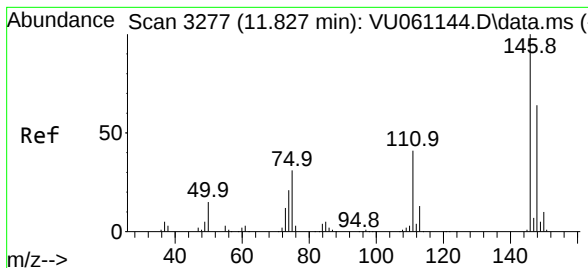


#82  
1,3-Dichlorobenzene  
Concen: 1.929 ug/l  
RT: 11.740 min Scan# 3250  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50



Tgt Ion:146 Resp: 51140  
Ion Ratio Lower Upper  
146 100  
111 42.3 34.1 51.1  
148 62.2 51.2 76.8





#83

1,4-Dichlorobenzene

Concen: 1.911 ug/l

RT: 11.830 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

Instrument :

MSVOA\_U

ClientSampleId :

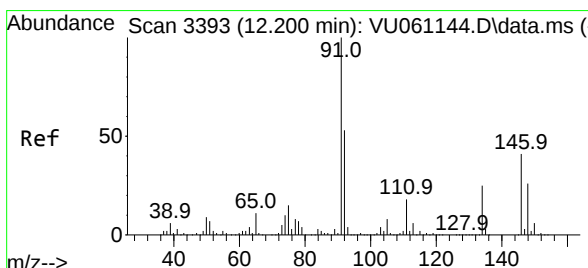
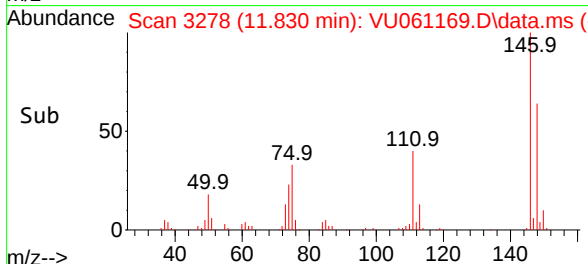
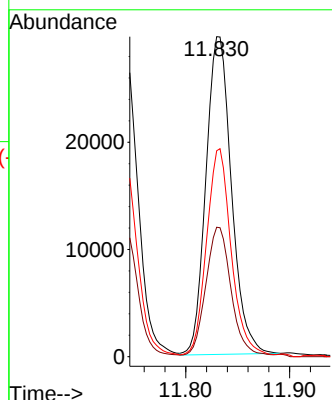
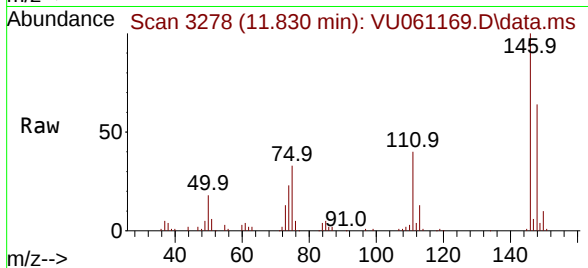
VU1021WBS01

Tgt Ion:146 Resp: 50514  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 32.1 48.1  
 148 62.5 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024  
 Supervised By :Semsettin Yesilyurt 10/25/2024



#84

n-Butylbenzene

Concen: 1.895 ug/l

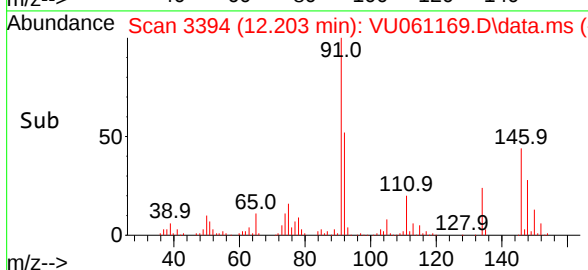
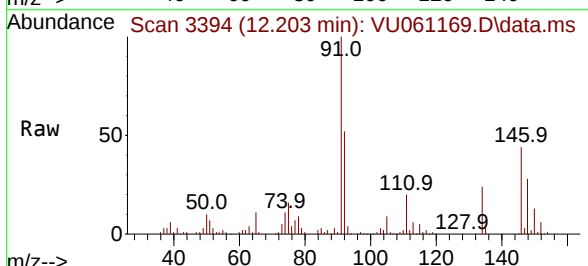
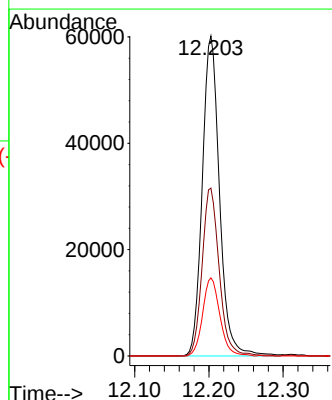
RT: 12.203 min Scan# 3394

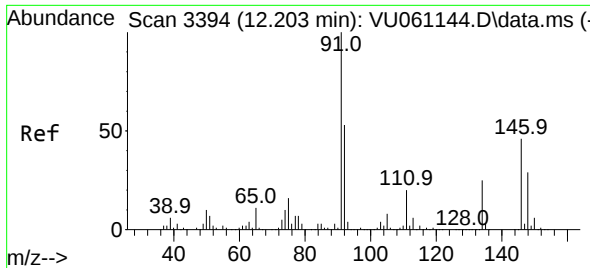
Delta R.T. 0.003 min

Lab File: VU061169.D

Acq: 21 Oct 2024 13:50

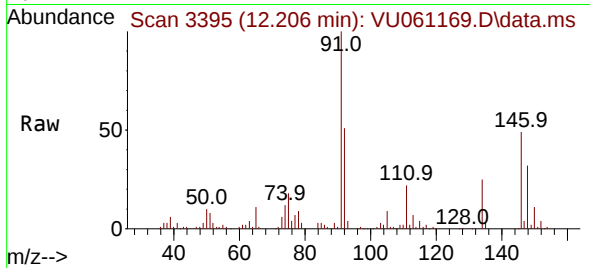
Tgt Ion: 91 Resp: 97083  
 Ion Ratio Lower Upper  
 91 100  
 92 52.0 41.8 62.8  
 134 24.3 19.7 29.5





#85  
1,2-Dichlorobenzene  
Concen: 1.929 ug/l  
RT: 12.206 min Scan# 311  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

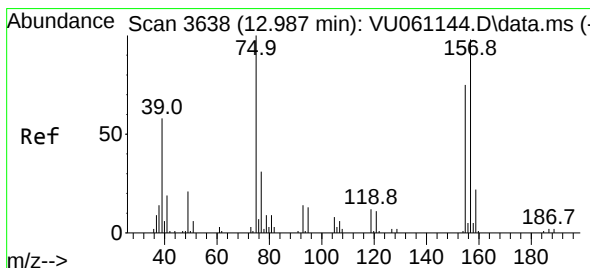
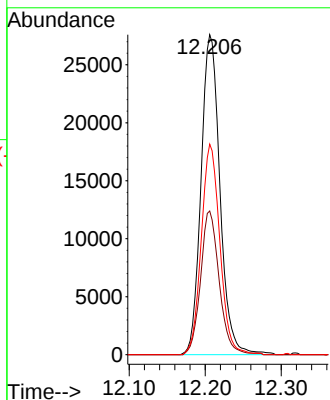
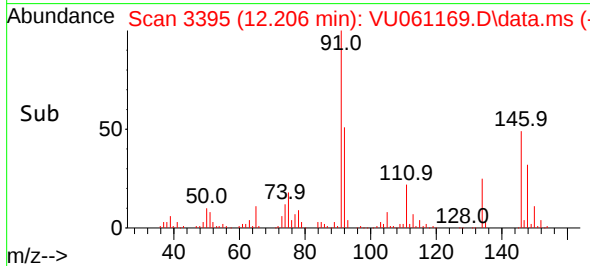
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



Tgt Ion:146 Resp: 4779  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.9 65.7  
148 64.6 31.9 95.5

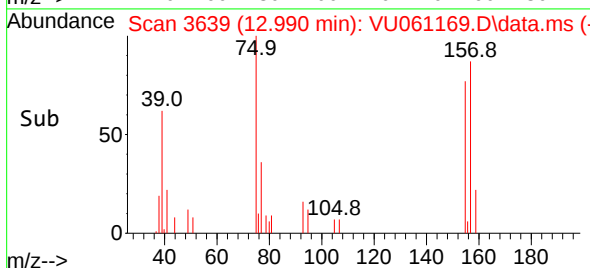
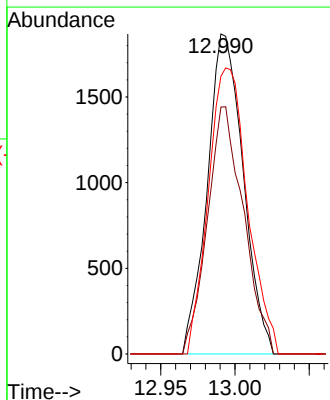
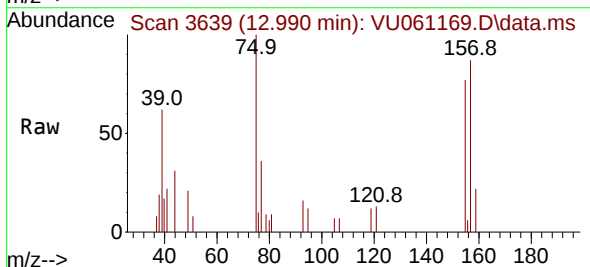
Manual Integrations  
APPROVED

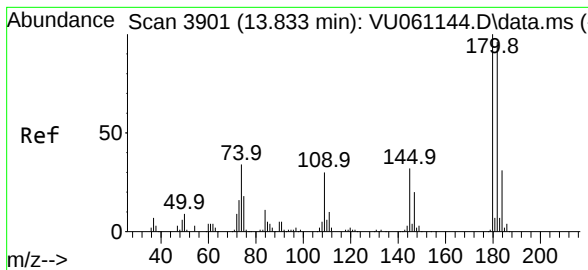
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 1.865 ug/l  
RT: 12.990 min Scan# 3639  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

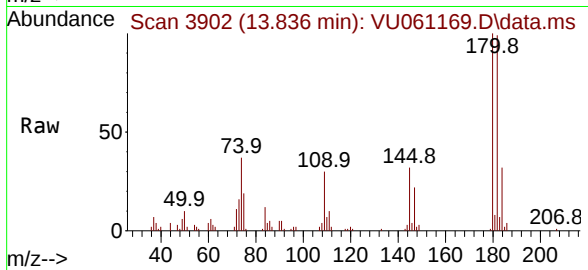
Tgt Ion: 75 Resp: 3146  
Ion Ratio Lower Upper  
75 100  
155 77.7 61.4 92.0  
157 97.1 78.5 117.7





#87  
1,2,4-Trichlorobenzene  
Concen: 1.805 ug/l  
RT: 13.836 min Scan# 3901  
Delta R.T. 0.003 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

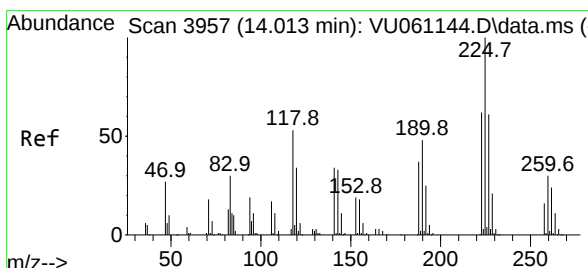
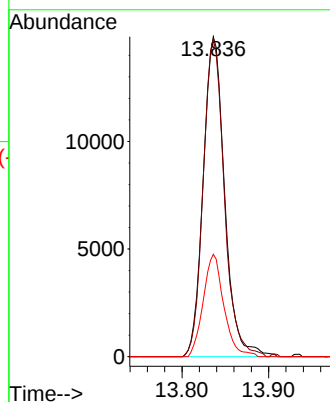
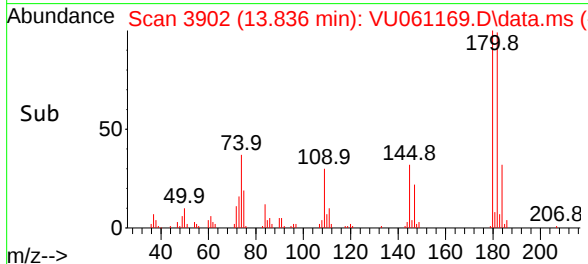
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



Tgt Ion:180 Resp: 2558  
Ion Ratio Lower Upper  
180 100  
182 97.4 77.0 115.6  
145 30.7 25.7 38.5

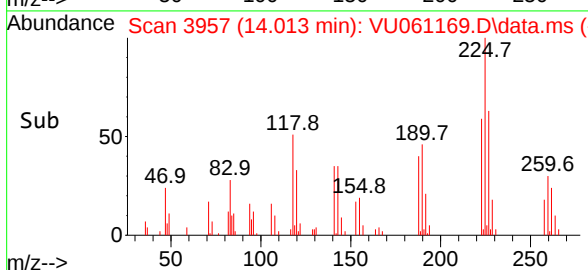
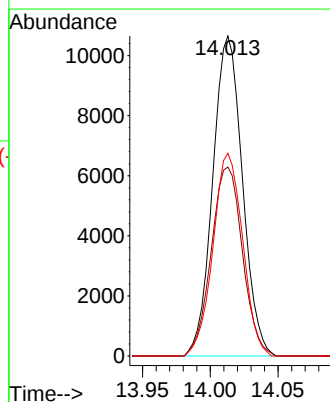
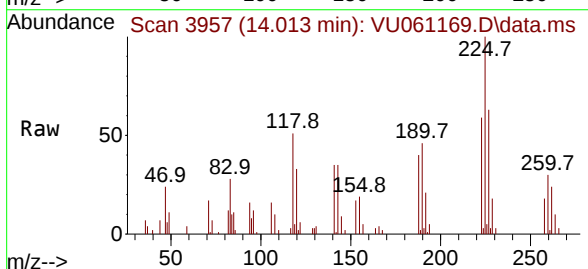
Manual Integrations  
APPROVED

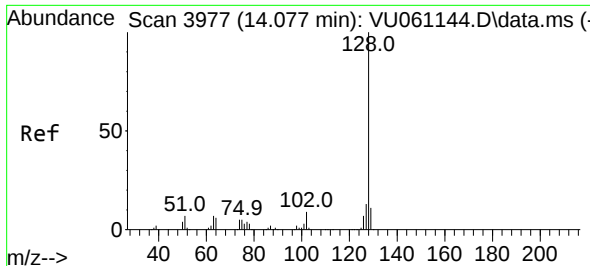
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#88  
Hexachlorobutadiene  
Concen: 2.022 ug/l  
RT: 14.013 min Scan# 3957  
Delta R.T. -0.000 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

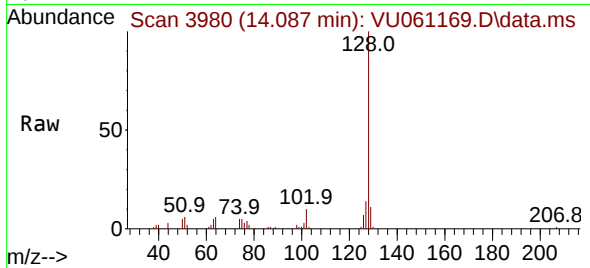
Tgt Ion:225 Resp: 16207  
Ion Ratio Lower Upper  
225 100  
223 62.3 51.4 77.2  
227 63.4 50.3 75.5





#89  
Naphthalene  
Concen: 1.671 ug/l  
RT: 14.087 min Scan# 3977  
Delta R.T. 0.009 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

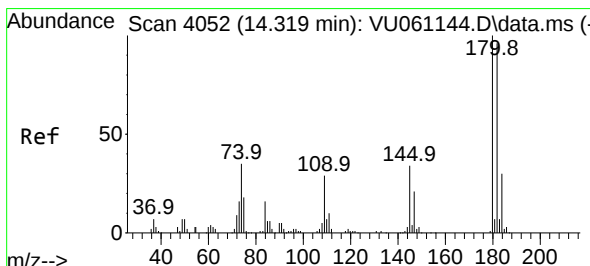
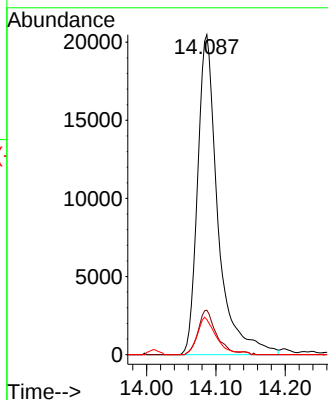
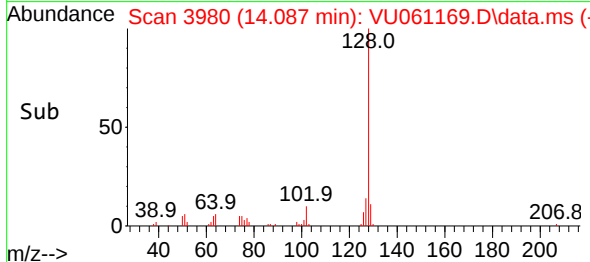
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1021WBS01



Tgt Ion:128 Resp: 41779  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.6 16.0  
129 10.6 8.7 13.1

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#90  
1,2,3-Trichlorobenzene  
Concen: 1.764 ug/l  
RT: 14.325 min Scan# 4054  
Delta R.T. 0.006 min  
Lab File: VU061169.D  
Acq: 21 Oct 2024 13:50

Tgt Ion:180 Resp: 22457  
Ion Ratio Lower Upper  
180 100  
182 97.2 76.2 114.4  
145 33.4 26.8 40.2

