

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071725\  
 Data File : VU063521.D  
 Acq On : 17 Jul 2025 12:43  
 Operator : MD/SY  
 Sample : VU0717WBS01  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0717WBS01

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025  
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 18 04:10:50 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U071625DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jul 17 03:49:40 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Fluorobenzene             | 6.097  | 96   | 21864    | 1.000  | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 57) 4-Bromofluorobenzene     | 10.628 | 95   | 8236     | 0.995  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 99.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.187 | 152  | 7166     | 0.936  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 94.000% |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.381  | 85   | 12281    | 1.905  | ug/l    | 98       |
| 3) Chloromethane             | 1.519  | 50   | 12925    | 2.157  | ug/l    | 98       |
| 4) Vinyl Chloride            | 1.599  | 62   | 15376    | 2.015  | ug/l    | 100      |
| 5) Bromomethane              | 1.847  | 94   | 13111    | 2.278  | ug/l    | 94       |
| 6) Chloroethane              | 1.927  | 64   | 9342     | 2.027  | ug/l    | 100      |
| 7) Trichlorofluoromethane    | 2.130  | 101  | 22634    | 2.065  | ug/l    | 100      |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.570  | 101  | 11730    | 2.048  | ug/l    | 99       |
| 9) 1,1-Dichloroethene        | 2.567  | 96   | 11724    | 2.065  | ug/l    | 97       |
| 10) Iodomethane              | 2.708  | 142  | 8006     | 1.773  | ug/l    | 97       |
| 11) Allyl Chloride           | 2.908  | 41   | 16576    | 2.021  | ug/l    | 98       |
| 12) Acrylonitrile            | 3.306  | 53   | 5711     | 4.023  | ug/l    | 98       |
| 13) Acetone                  | 2.622  | 43   | 14599    | 12.835 | ug/l    | 98       |
| 14) Carbon Disulfide         | 2.779  | 76   | 33865    | 1.847  | ug/l    | 98       |
| 15) Methylene Chloride       | 3.030  | 84   | 15114    | 2.262  | ug/l    | 97       |
| 16) trans-1,2-Dichloroethene | 3.335  | 96   | 12801    | 1.986  | ug/l    | 96       |
| 17) 1,1-Dichloroethane       | 3.850  | 63   | 24869    | 2.081  | ug/l    | 99       |
| 18) 2-Butanone               | 4.718  | 43   | 19663    | 11.163 | ug/l    | 95       |
| 19) Cyclohexane              | 5.358  | 56   | 20801    | 2.056  | ug/l    | 99       |
| 20) Methylcyclohexane        | 6.740  | 83   | 17274    | 1.757  | ug/l    | 98       |
| 21) 2,2-Dichloropropane      | 4.641  | 77   | 20379    | 2.003  | ug/l    | 99       |
| 22) cis-1,2-Dichloroethene   | 4.647  | 96   | 14565    | 2.082  | ug/l    | 99       |
| 23) Diethyl Ether            | 2.371  | 59   | 9050     | 2.092  | ug/l    | 96       |
| 24) tert-Butyl Alcohol       | 3.197  | 59   | 10601    | 20.303 | ug/l    | 100      |
| 25) Methyl tert-Butyl Ether  | 3.361  | 73   | 31377    | 2.117  | ug/l    | 99       |
| 26) Bromochloromethane       | 4.956  | 128  | 6000     | 2.054  | ug/l    | 93       |
| 27) Chloroform               | 5.072  | 83   | 25113    | 2.060  | ug/l    | 99       |
| 28) 1,1,1-Trichloroethane    | 5.294  | 97   | 20838    | 2.014  | ug/l    | 99       |
| 29) 1,1-Dichloropropene      | 5.506  | 75   | 20417    | 2.130  | ug/l    | 97       |
| 30) Carbon Tetrachloride     | 5.499  | 117  | 16009    | 1.922  | ug/l    | 95       |
| 31) Isopropyl Ether          | 3.995  | 45   | 38467    | 2.133  | ug/l    | 97       |
| 32) Ethyl-t-butyl ether      | 4.506  | 59   | 35330    | 2.117  | ug/l    | 98       |
| 33) Tert-Amyl methyl ether   | 5.943  | 73   | 30771    | 2.124  | ug/l    | 99       |
| 34) Propionitrile            | 4.782  | 54   | 5569     | 10.376 | ug/l #  | 92       |
| 35) Benzene                  | 5.753  | 78   | 55862    | 2.169  | ug/l    | 94       |
| 36) 1,2-Dichloroethane       | 5.779  | 62   | 17638    | 2.204  | ug/l    | 100      |
| 37) Trichloroethene          | 6.525  | 130  | 11954    | 1.819  | ug/l    | 99       |
| 38) 1,2-Dichloropropane      | 6.779  | 63   | 11421    | 1.895  | ug/l    | 99       |
| 39) Methacrylonitrile        | 4.972  | 41   | 4514     | 1.892  | ug/l    | 95       |
| 40) Methyl acrylate          | 4.850  | 55   | 6649     | 1.907  | ug/l #  | 97       |
| 41) Tetrahydrofuran          | 5.062  | 42   | 5866     | 4.674  | ug/l    | 90       |
| 42) 1-Chlorobutane           | 5.438  | 56   | 26277    | 2.062  | ug/l    | 96       |
| 43) Dibromomethane           | 6.908  | 93   | 5740     | 1.838  | ug/l    | 96       |
| 44) Bromodichloromethane     | 7.097  | 83   | 12690    | 1.802  | ug/l    | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071725\  
 Data File : VU063521.D  
 Acq On : 17 Jul 2025 12:43  
 Operator : MD/SY  
 Sample : VU0717WBS01  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0717WBS01

Manual Integrations  
 APPROVED

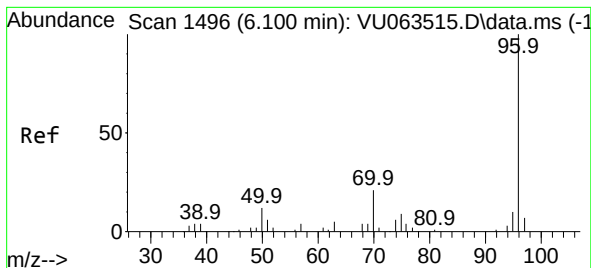
Reviewed By :Mahesh Dadoda 07/18/2025  
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 18 04:10:50 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U071625DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jul 17 03:49:40 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.798  | 43   | 31264    | 9.714  | ug/l  | 99       |
| 46) t-1,4-Dichloro-2-butene   | 10.824 | 75   | 4116m    | 3.407  | ug/l  |          |
| 47) Methyl methacrylate       | 6.969  | 69   | 9287     | 3.541  | ug/l  | 92       |
| 48) Ethyl methacrylate        | 8.338  | 69   | 9397     | 1.877  | ug/l  | 96       |
| 49) Toluene                   | 7.962  | 92   | 26503    | 1.885  | ug/l  | 97       |
| 50) t-1,3-Dichloropropene     | 8.207  | 75   | 9090     | 1.645  | ug/l  | 98       |
| 51) cis-1,3-Dichloropropene   | 7.602  | 75   | 12550    | 1.692  | ug/l  | 96       |
| 52) 1,1,2-Trichloroethane     | 8.393  | 97   | 8229     | 1.957  | ug/l  | 95       |
| 53) 1,3-Dichloropropane       | 8.570  | 76   | 14200    | 1.956  | ug/l  | 99       |
| 54) 2-Hexanone                | 8.692  | 43   | 21798    | 10.196 | ug/l  | 99       |
| 55) Dibromochloromethane      | 8.801  | 129  | 7818     | 1.760  | ug/l  | 100      |
| 56) 1,2-Dibromoethane         | 8.917  | 107  | 7165     | 1.904  | ug/l  | 100      |
| 58) Tetrachloroethene         | 8.541  | 164  | 11402    | 1.896  | ug/l  | 98       |
| 59) Chlorobenzene             | 9.441  | 112  | 30941    | 1.916  | ug/l  | 97       |
| 60) 1,1,1,2-Tetrachloroethane | 9.525  | 131  | 8917     | 1.717  | ug/l  | 92       |
| 61) Pentachloroethane         | 11.419 | 117  | 6375     | 1.737  | ug/l  | 88       |
| 62) Hexachloroethane          | 12.467 | 117  | 5976     | 1.644  | ug/l  | 99       |
| 63) Ethyl Benzene             | 9.563  | 91   | 53621    | 1.929  | ug/l  | 99       |
| 64) m/p-Xylenes               | 9.686  | 106  | 40731    | 3.770  | ug/l  | 98       |
| 65) o-Xylene                  | 10.094 | 106  | 20319    | 1.957  | ug/l  | 97       |
| 66) Styrene                   | 10.110 | 104  | 31561    | 1.908  | ug/l  | 98       |
| 67) Bromoform                 | 10.284 | 173  | 3644     | 1.597  | ug/l  | 99       |
| 69) Isopropylbenzene          | 10.477 | 105  | 48988    | 1.952  | ug/l  | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.776 | 83   | 9968     | 1.948  | ug/l  | 98       |
| 71) 1,2,3-Trichloropropane    | 10.814 | 75   | 7776m    | 1.871  | ug/l  |          |
| 72) Bromobenzene              | 10.776 | 156  | 12098    | 1.868  | ug/l  | 92       |
| 73) n-propylbenzene           | 10.898 | 120  | 14781    | 1.956  | ug/l  | 93       |
| 74) 2-Chlorotoluene           | 10.978 | 126  | 13064    | 1.957  | ug/l  | 91       |
| 75) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 46460    | 1.938  | ug/l  | 100      |
| 76) 4-Chlorotoluene           | 11.091 | 126  | 13377    | 1.973  | ug/l  | 97       |
| 77) tert-Butylbenzene         | 11.412 | 119  | 43549    | 1.901  | ug/l  | 96       |
| 78) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 46303    | 1.947  | ug/l  | 96       |
| 79) sec-Butylbenzene          | 11.634 | 105  | 61626    | 1.994  | ug/l  | 98       |
| 80) Nitrobenzene              | 13.219 | 77   | 968m     | 11.740 | ug/l  |          |
| 81) p-Isopropyltoluene        | 11.785 | 119  | 50943    | 1.975  | ug/l  | 99       |
| 82) 1,3-Dichlorobenzene       | 11.740 | 146  | 24826    | 1.916  | ug/l  | 99       |
| 83) 1,4-Dichlorobenzene       | 11.830 | 146  | 25218    | 1.944  | ug/l  | 98       |
| 84) n-Butylbenzene            | 12.203 | 91   | 48117    | 2.011  | ug/l  | 98       |
| 85) 1,2-Dichlorobenzene       | 12.206 | 146  | 23502    | 1.930  | ug/l  | 97       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.988 | 75   | 1114     | 1.706  | ug/l  | 94       |
| 87) 1,2,4-Trichlorobenzene    | 13.837 | 180  | 14007    | 1.850  | ug/l  | 98       |
| 88) Hexachlorobutadiene       | 14.013 | 225  | 8260     | 1.921  | ug/l  | 97       |
| 89) Naphthalene               | 14.087 | 128  | 24449    | 1.802  | ug/l  | 98       |
| 90) 1,2,3-Trichlorobenzene    | 14.325 | 180  | 12843    | 1.836  | ug/l  | 97       |

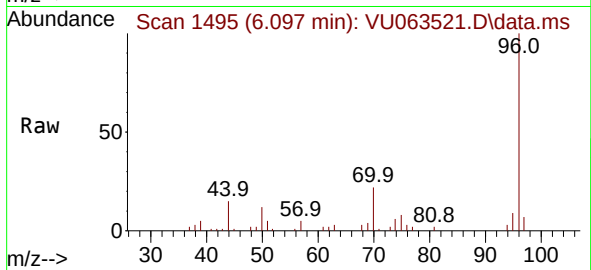
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.097 min Scan# 1496  
Delta R.T. -0.003 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

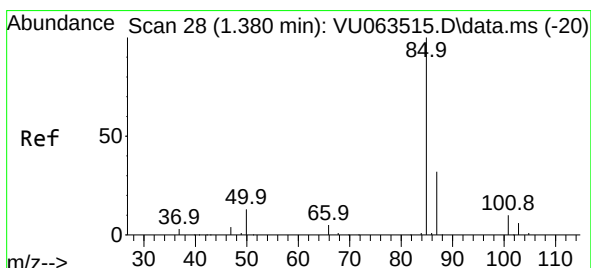
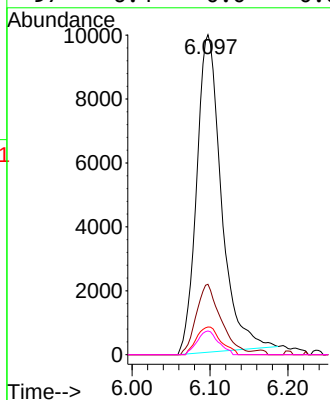
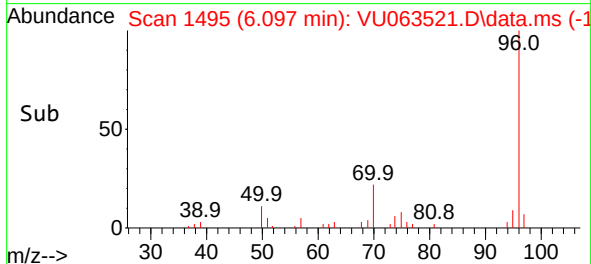
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



Tgt Ion: 96 Resp: 21864  
Ion Ratio Lower Upper  
96 100  
70 20.9 15.0 22.4  
95 8.5 7.4 11.0  
97 6.4 0.0 0.0#

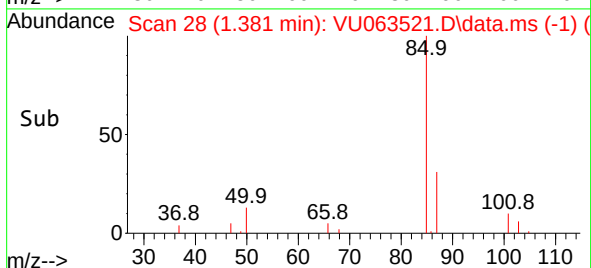
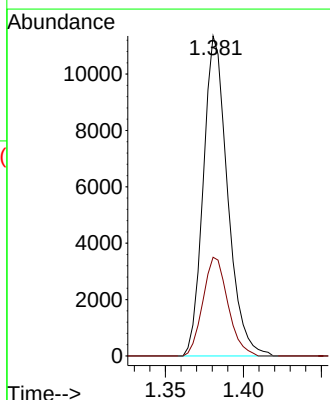
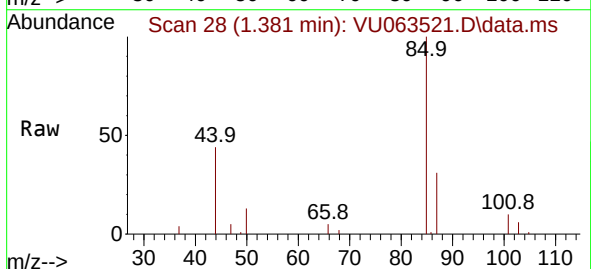
Manual Integrations  
APPROVED

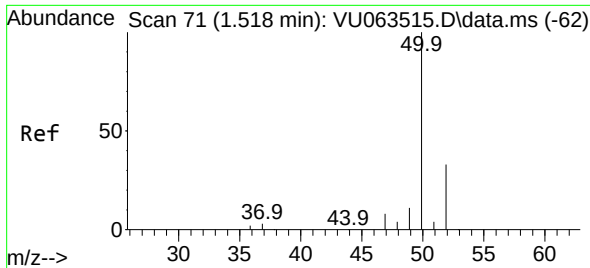
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#2  
Dichlorodifluoromethane  
Concen: 1.905 ug/l  
RT: 1.381 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion: 85 Resp: 12281  
Ion Ratio Lower Upper  
85 100  
87 30.9 16.0 47.9





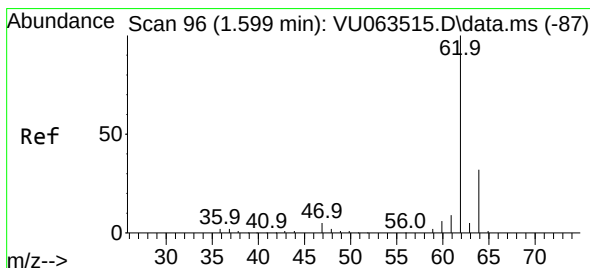
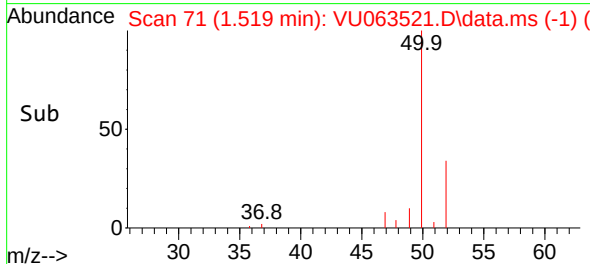
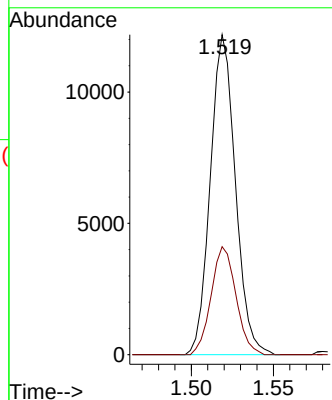
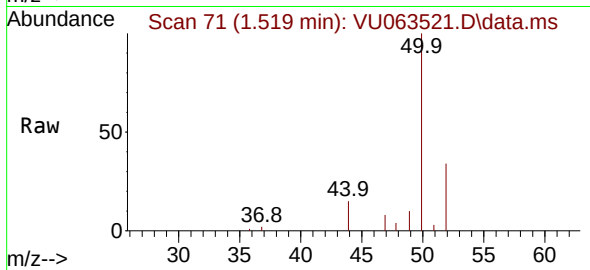
#3  
Chloromethane  
Concen: 2.157 ug/l  
RT: 1.519 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01

Tgt Ion: 50 Resp: 12925  
Ion Ratio Lower Upper  
50 100  
52 33.7 26.3 39.5

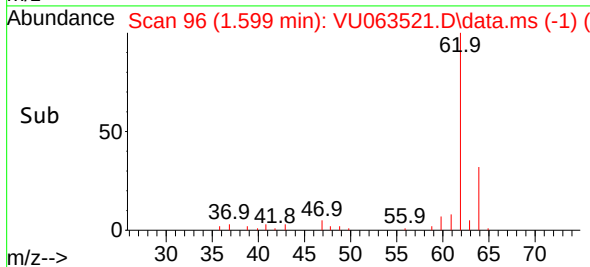
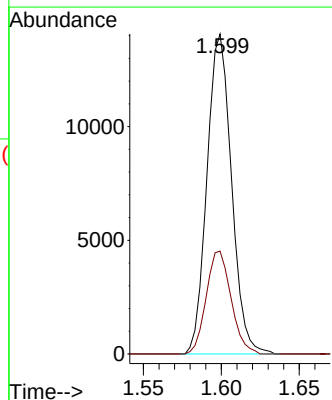
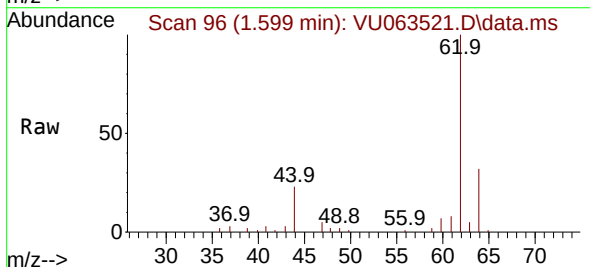
Manual Integrations  
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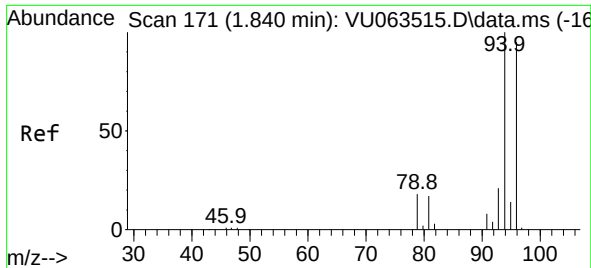
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#4  
Vinyl Chloride  
Concen: 2.015 ug/l  
RT: 1.599 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

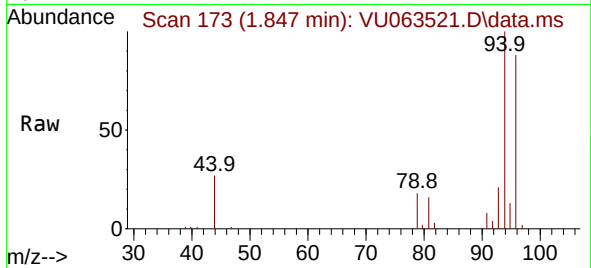
Tgt Ion: 62 Resp: 15376  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.7 38.5





#5  
Bromomethane  
Concen: 2.278 ug/l  
RT: 1.847 min Scan# 171  
Delta R.T. 0.007 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

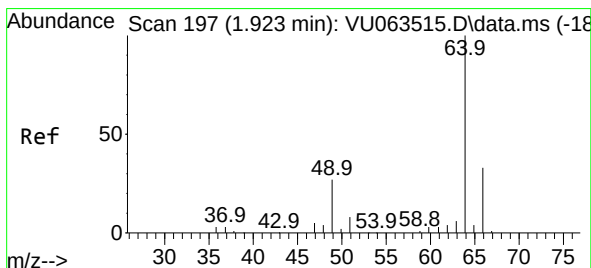
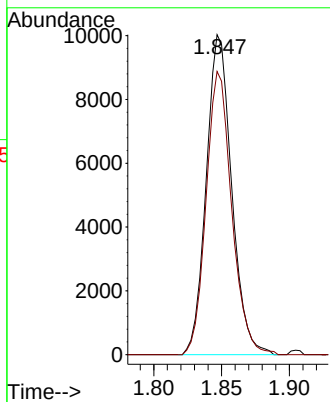
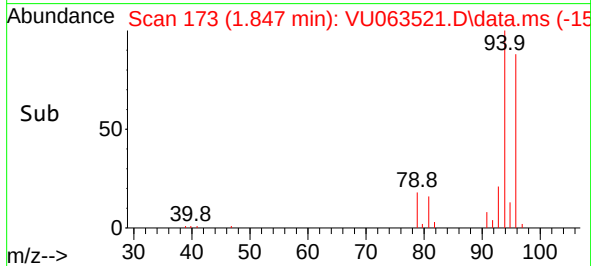
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



Tgt Ion: 94 Resp: 1311  
Ion Ratio Lower Upper  
94 100  
96 88.5 75.8 113.6

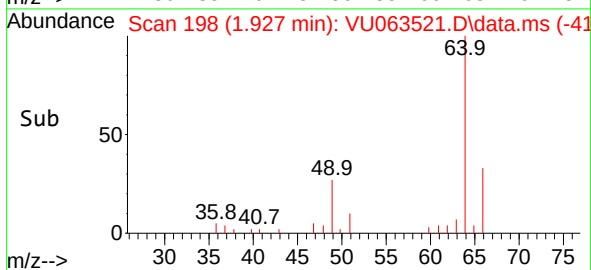
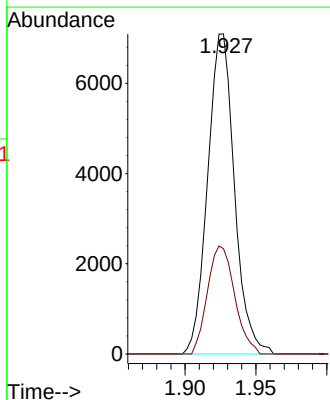
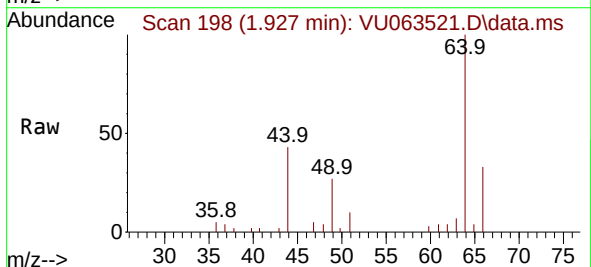
Manual Integrations  
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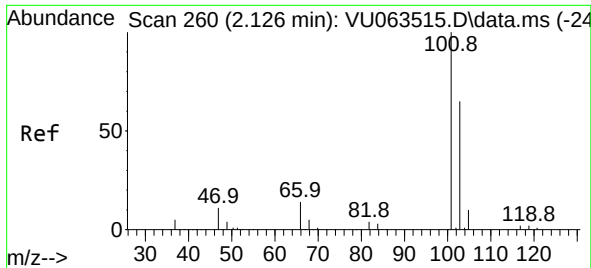
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#6  
Chloroethane  
Concen: 2.027 ug/l  
RT: 1.927 min Scan# 198  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

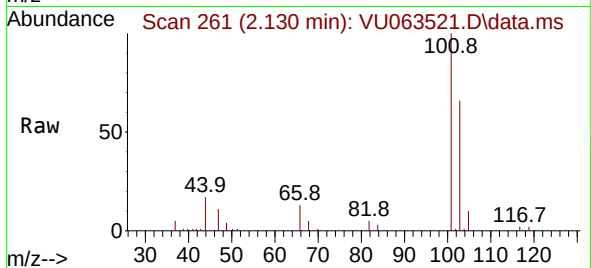
Tgt Ion: 64 Resp: 9342  
Ion Ratio Lower Upper  
64 100  
66 32.9 26.2 39.4





#7  
 Trichlorofluoromethane  
 Concen: 2.065 ug/l  
 RT: 2.130 min Scan# 206  
 Delta R.T. 0.004 min  
 Lab File: VU063521.D  
 Acq: 17 Jul 2025 12:43

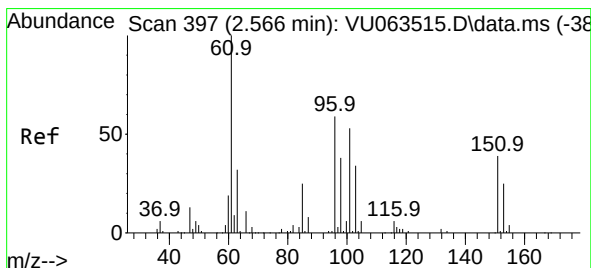
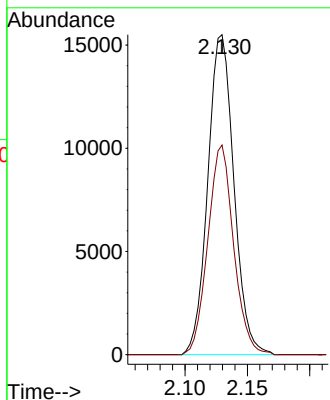
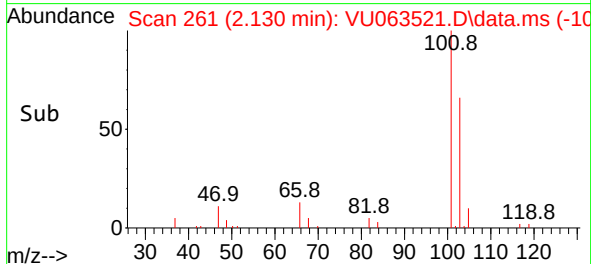
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0717WBS01



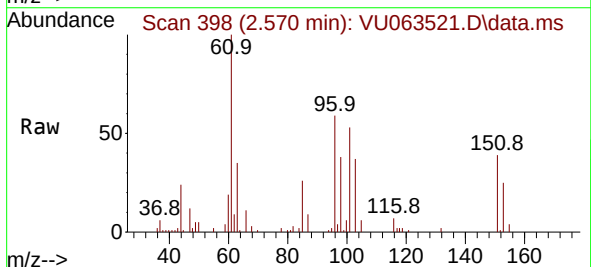
Tgt Ion:101 Resp: 22634  
 Ion Ratio Lower Upper  
 101 100  
 103 65.5 52.2 78.4

Manual Integrations  
 APPROVED

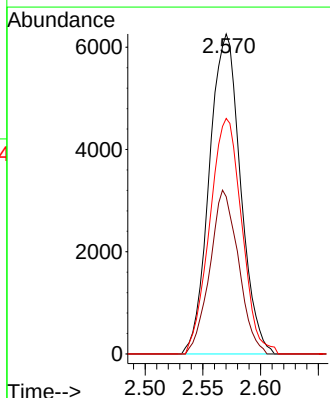
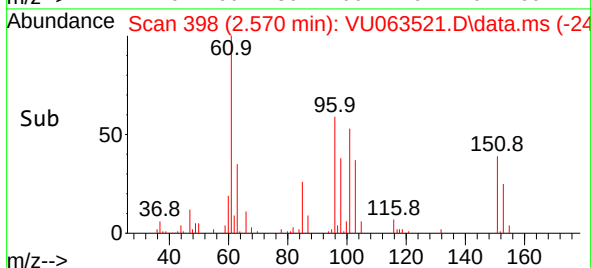
Reviewed By :Mahesh Dadoda 07/18/2025  
 Supervised By :Semsettin Yesilyurt 07/21/2025

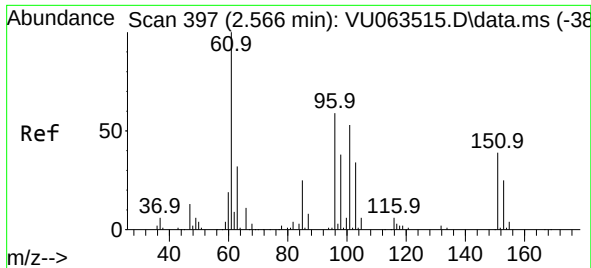


#8  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 2.048 ug/l  
 RT: 2.570 min Scan# 398  
 Delta R.T. 0.004 min  
 Lab File: VU063521.D  
 Acq: 17 Jul 2025 12:43



Tgt Ion:101 Resp: 11730  
 Ion Ratio Lower Upper  
 101 100  
 85 47.0 37.8 56.6  
 151 75.9 59.2 88.8





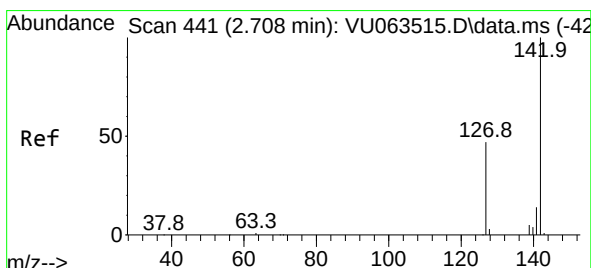
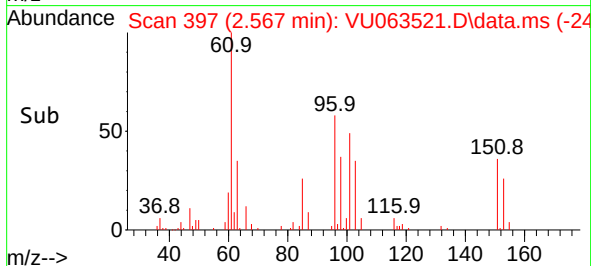
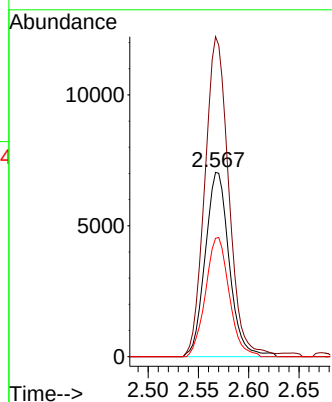
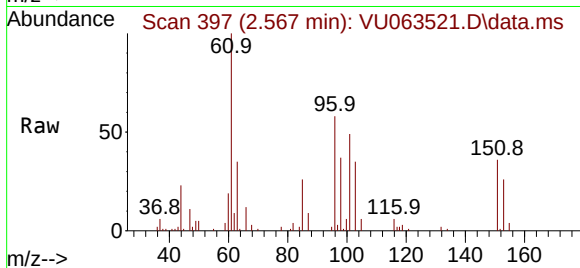
#9  
1,1-Dichloroethene  
Concen: 2.065 ug/l  
RT: 2.567 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01

Tgt Ion: 96 Resp: 11724  
Ion Ratio Lower Upper  
96 100  
61 173.6 0.0 504.3  
98 64.2 0.0 126.8

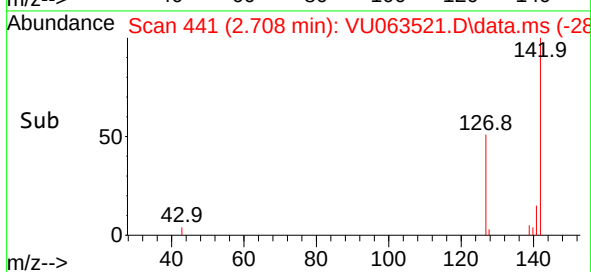
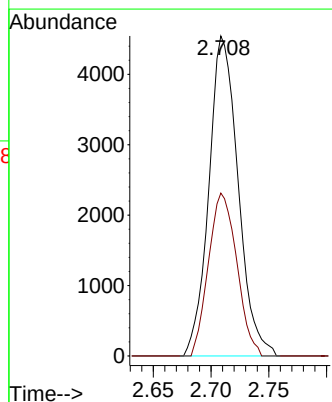
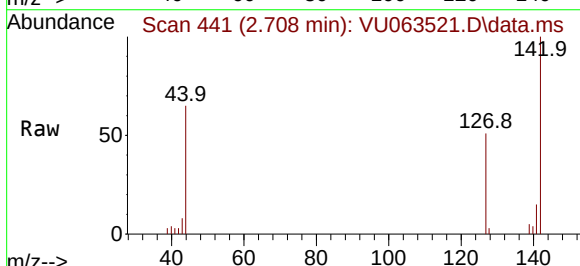
Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

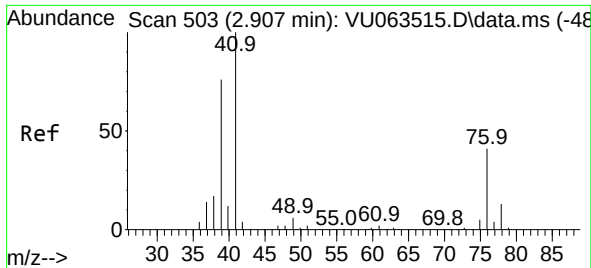


#10  
Iodomethane  
Concen: 1.773 ug/l  
RT: 2.708 min Scan# 441  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion:142 Resp: 8006  
Ion Ratio Lower Upper  
142 100  
127 49.2 37.9 56.9

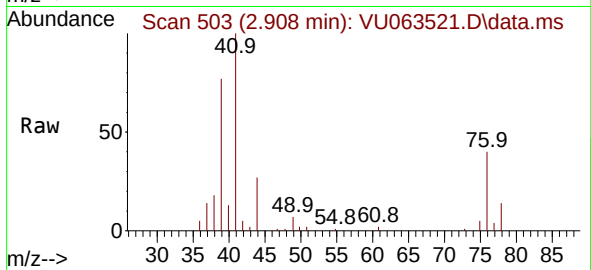






#11  
 Allyl Chloride  
 Concen: 2.021 ug/l  
 RT: 2.908 min Scan# 503  
 Delta R.T. 0.000 min  
 Lab File: VU063521.D  
 Acq: 17 Jul 2025 12:43

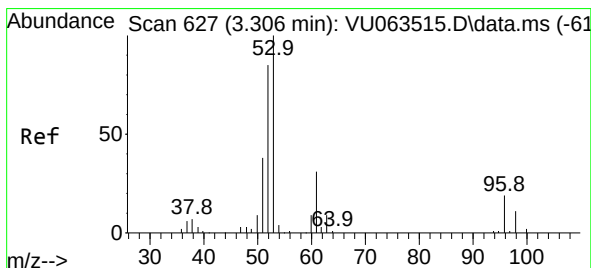
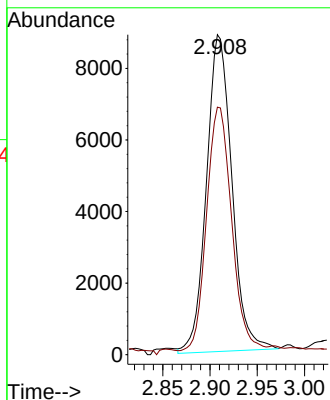
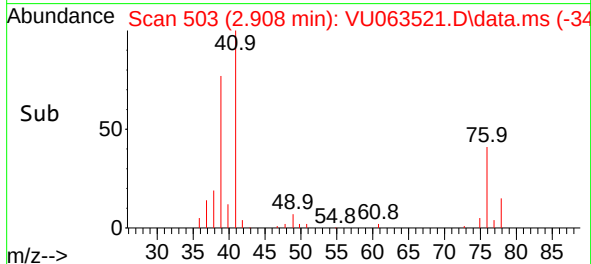
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0717WBS01



Tgt Ion: 41 Resp: 16570  
 Ion Ratio Lower Upper  
 41 100  
 39 75.4 61.5 92.3

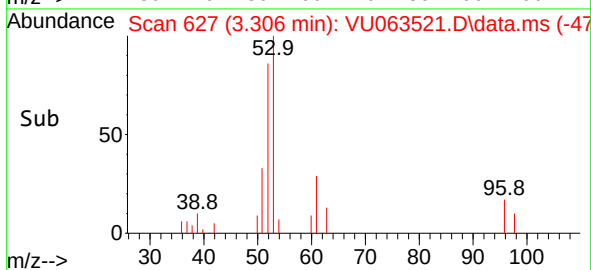
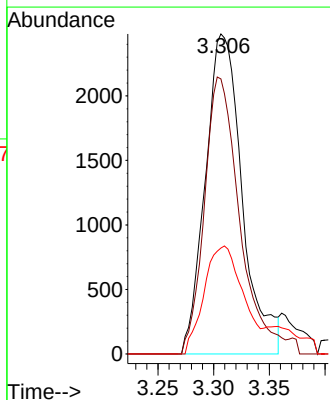
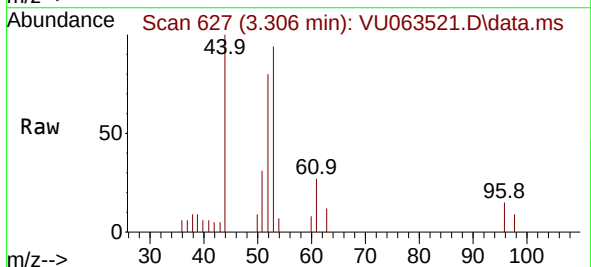
Manual Integrations  
 APPROVED

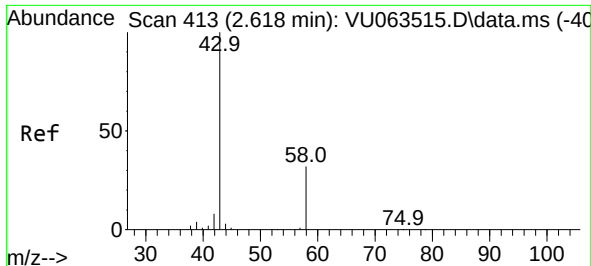
Reviewed By :Mahesh Dadoda 07/18/2025  
 Supervised By :Semsettin Yesilyurt 07/21/2025



#12  
 Acrylonitrile  
 Concen: 4.023 ug/l  
 RT: 3.306 min Scan# 627  
 Delta R.T. 0.000 min  
 Lab File: VU063521.D  
 Acq: 17 Jul 2025 12:43

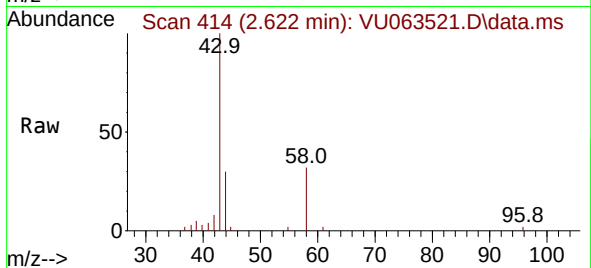
Tgt Ion: 53 Resp: 5711  
 Ion Ratio Lower Upper  
 53 100  
 52 82.6 64.3 96.5  
 51 36.1 27.8 41.8





#13  
Acetone  
Concen: 12.835 ug/l  
RT: 2.622 min Scan# 413  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

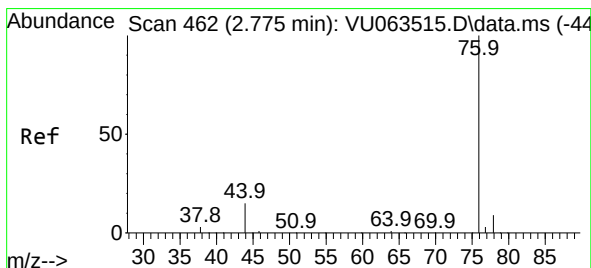
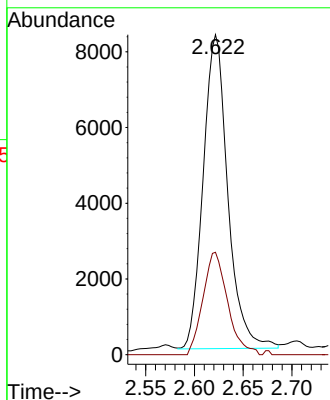
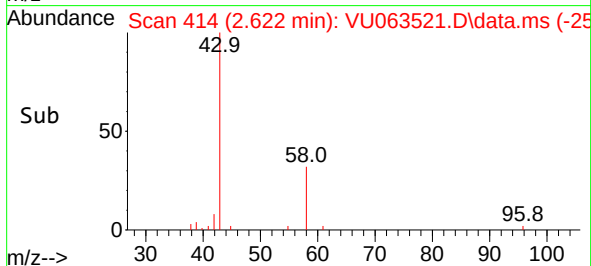
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



Tgt Ion: 43 Resp: 14599  
Ion Ratio Lower Upper  
43 100  
58 32.7 25.4 38.0

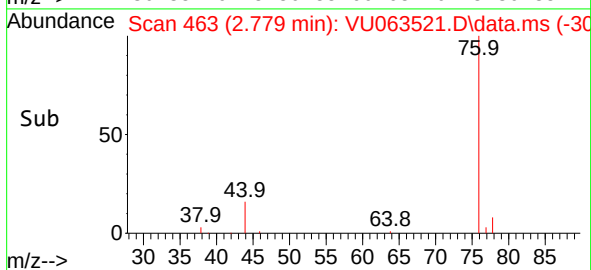
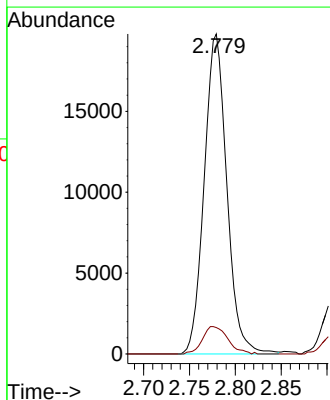
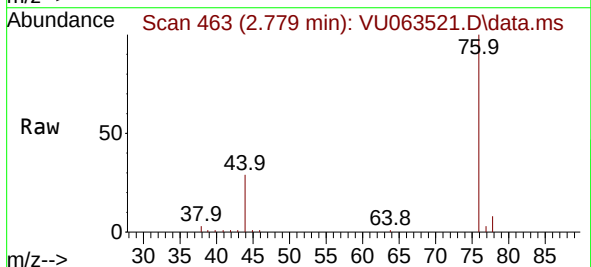
Manual Integrations  
APPROVED

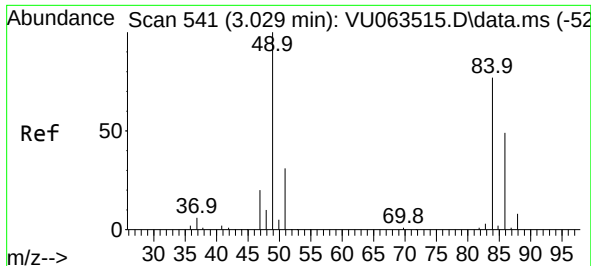
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#14  
Carbon Disulfide  
Concen: 1.847 ug/l  
RT: 2.779 min Scan# 463  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

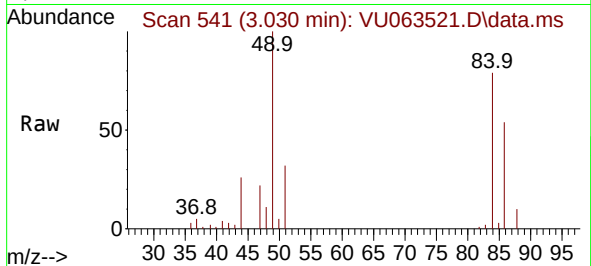
Tgt Ion: 76 Resp: 33865  
Ion Ratio Lower Upper  
76 100  
78 8.2 7.0 10.6





#15  
Methylene Chloride  
Concen: 2.262 ug/l  
RT: 3.030 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

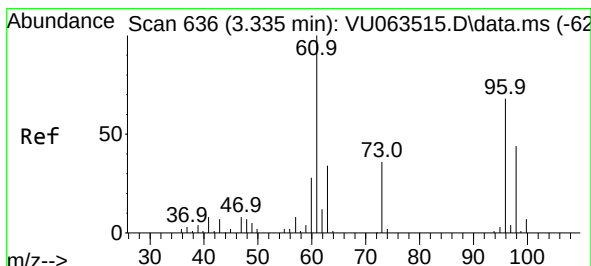
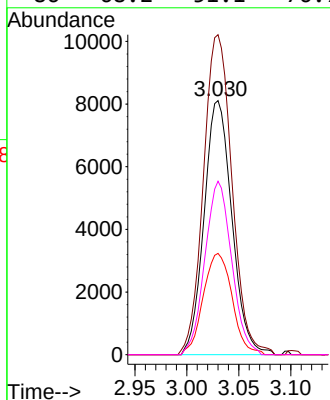
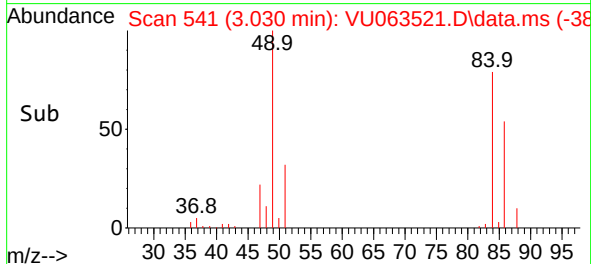
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



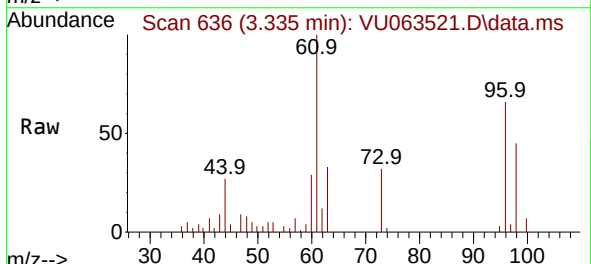
Tgt Ion: 84 Resp: 15114  
Ion Ratio Lower Upper  
84 100  
49 125.9 103.8 155.8  
51 39.9 0.0 80.4  
86 68.2 51.1 76.7

Manual Integrations  
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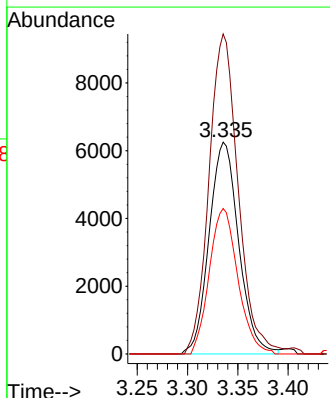
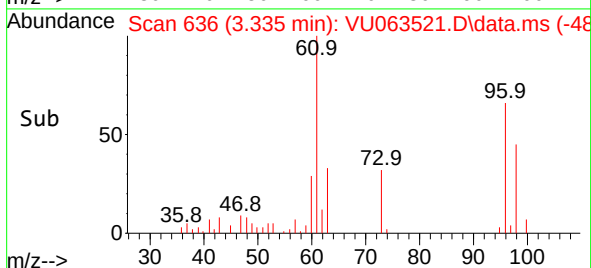
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

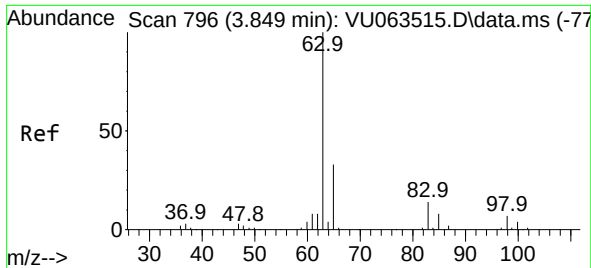


#16  
trans-1,2-Dichloroethene  
Concen: 1.986 ug/l  
RT: 3.335 min Scan# 636  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43



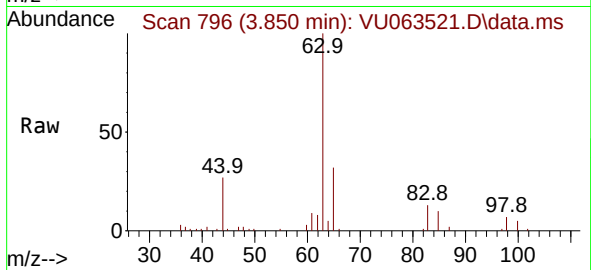
Tgt Ion: 96 Resp: 12801  
Ion Ratio Lower Upper  
96 100  
61 151.1 117.2 175.8  
98 68.7 51.4 77.2





#17  
1,1-Dichloroethane  
Concen: 2.081 ug/l  
RT: 3.850 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

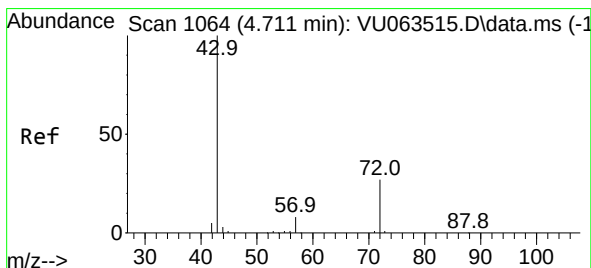
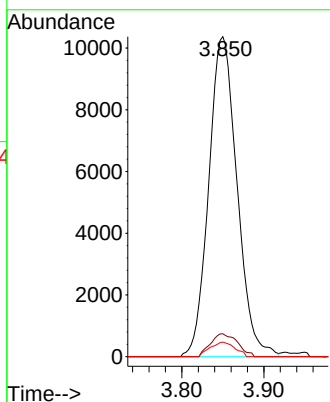
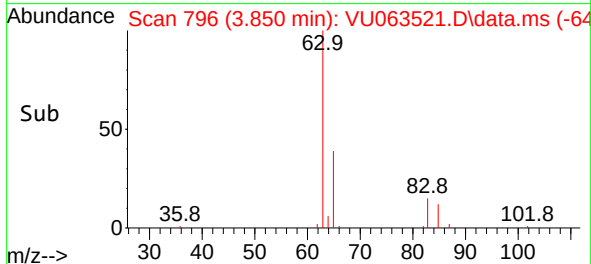
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



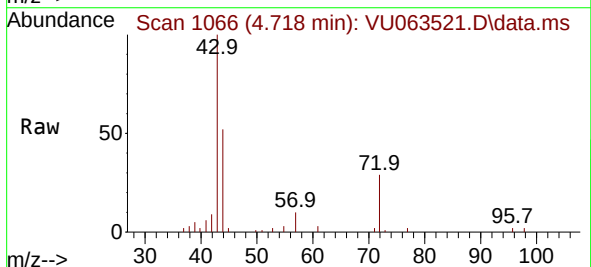
Tgt Ion: 63 Resp: 24869  
Ion Ratio Lower Upper  
63 100  
98 7.1 3.4 10.2  
100 4.6 2.1 6.2

Manual Integrations  
APPROVED

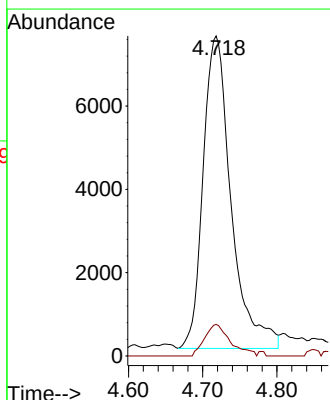
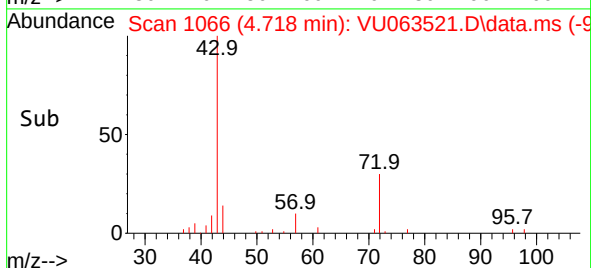
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

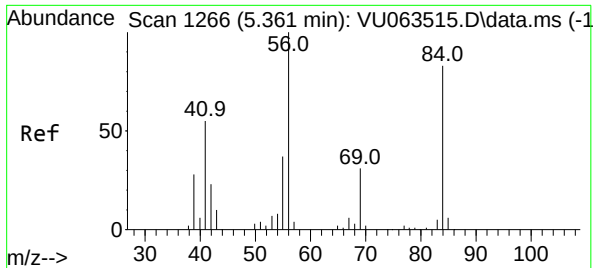


#18  
2-Butanone  
Concen: 11.163 ug/l  
RT: 4.718 min Scan# 1066  
Delta R.T. 0.007 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43



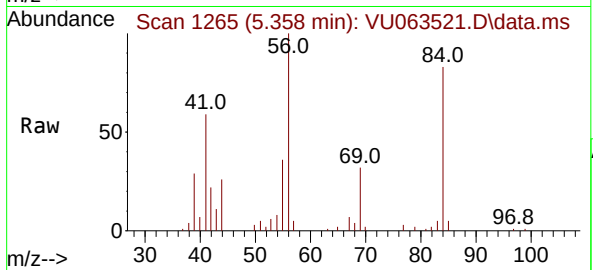
Tgt Ion: 43 Resp: 19663  
Ion Ratio Lower Upper  
43 100  
57 10.1 0.0 16.4





#19  
Cyclohexane  
Concen: 2.056 ug/l  
RT: 5.358 min Scan# 1265  
Delta R.T. -0.003 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

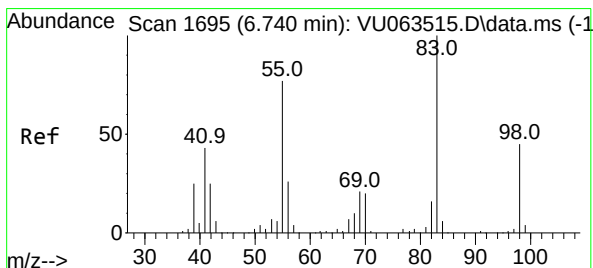
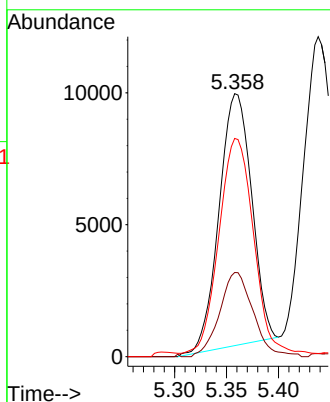
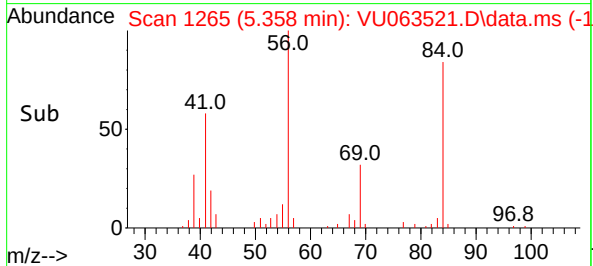
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



Tgt Ion: 56 Resp: 2080  
Ion Ratio Lower Upper  
56 100  
69 34.4 26.6 39.8  
84 89.8 71.0 106.4

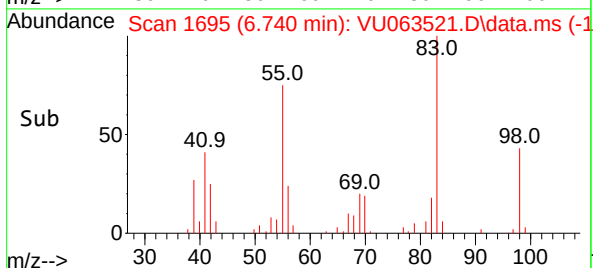
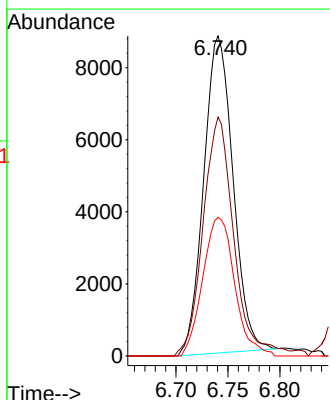
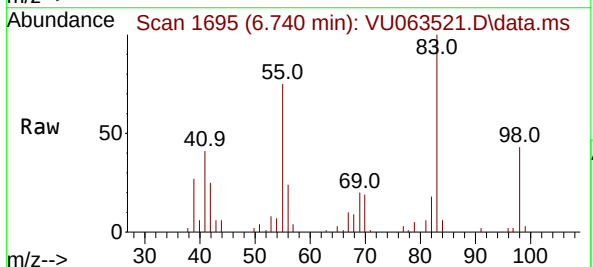
Manual Integrations  
APPROVED

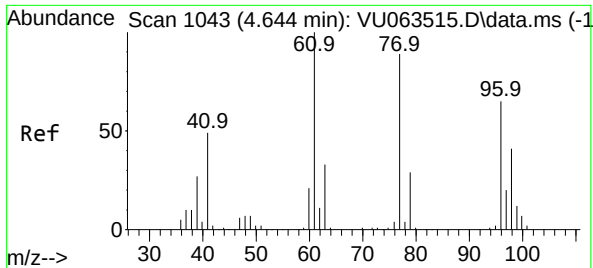
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#20  
Methylcyclohexane  
Concen: 1.757 ug/l  
RT: 6.740 min Scan# 1695  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion: 83 Resp: 17274  
Ion Ratio Lower Upper  
83 100  
55 76.1 60.6 90.8  
98 47.5 35.8 53.8





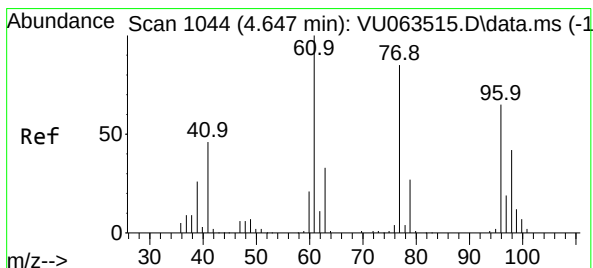
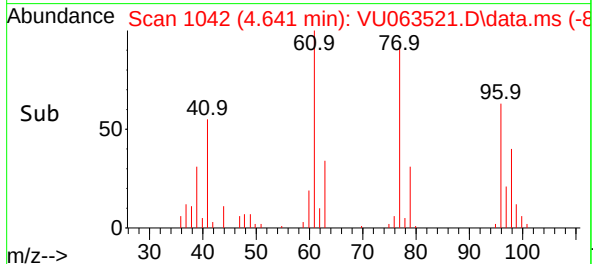
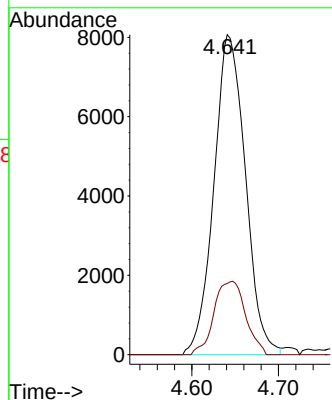
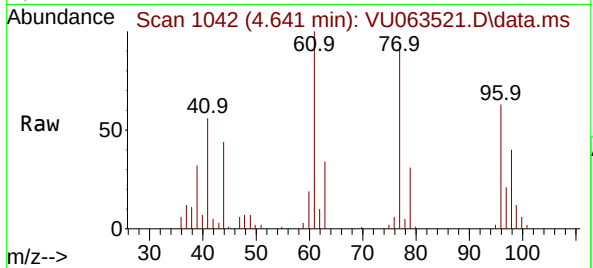
#21  
2,2-Dichloropropane  
Concen: 2.003 ug/l  
RT: 4.641 min Scan# 1042  
Delta R.T. -0.003 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01

Tgt Ion: 77 Resp: 20379  
Ion Ratio Lower Upper  
77 100  
97 23.0 17.8 26.8

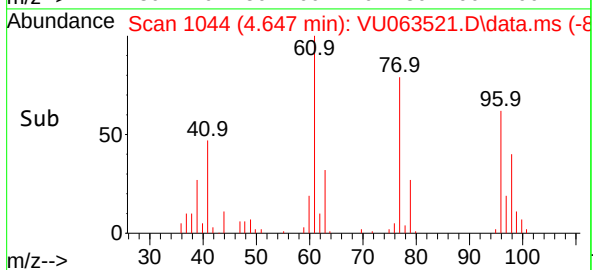
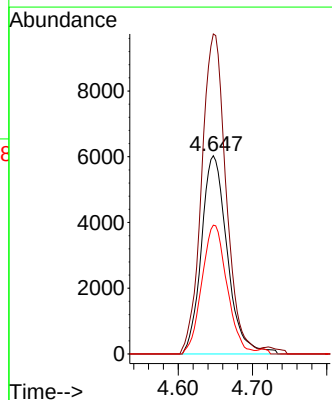
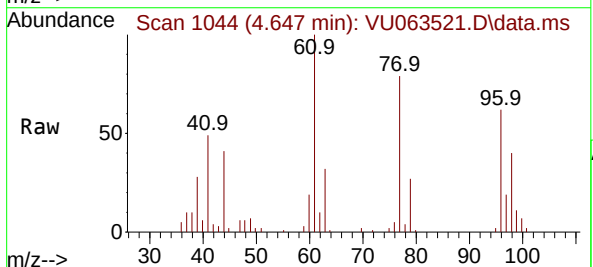
Manual Integrations  
APPROVED

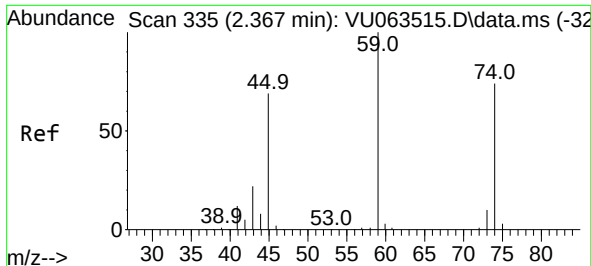
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#22  
cis-1,2-Dichloroethene  
Concen: 2.082 ug/l  
RT: 4.647 min Scan# 1044  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

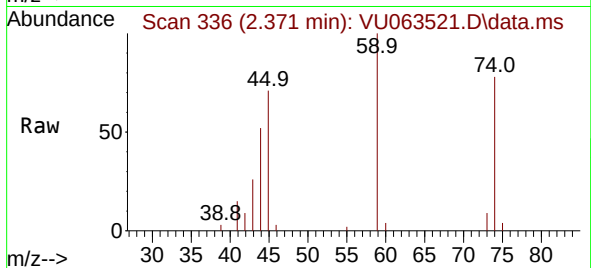
Tgt Ion: 96 Resp: 14565  
Ion Ratio Lower Upper  
96 100  
61 152.8 0.0 384.7  
98 63.5 32.1 96.3





#23  
Diethyl Ether  
Concen: 2.092 ug/l  
RT: 2.371 min Scan# 311  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

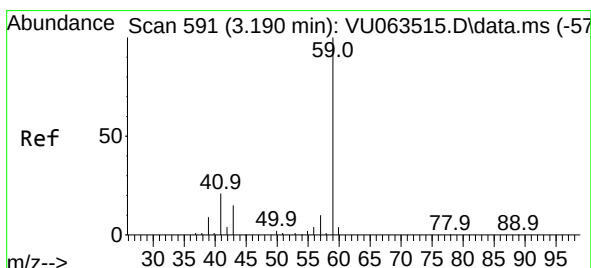
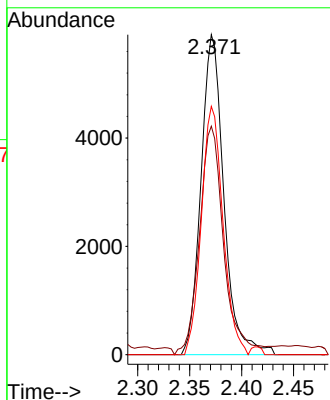
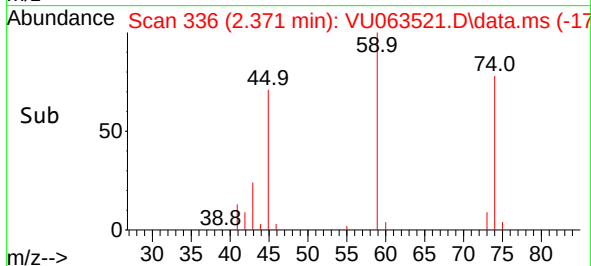
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



Tgt Ion: 59 Resp: 9050  
Ion Ratio Lower Upper  
59 100  
45 75.7 55.1 82.7  
74 73.5 58.2 87.4

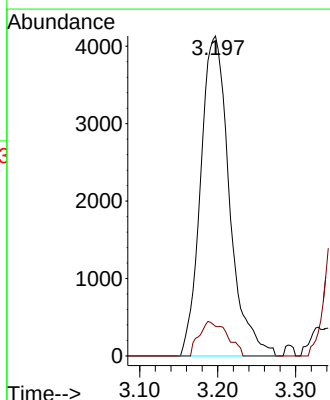
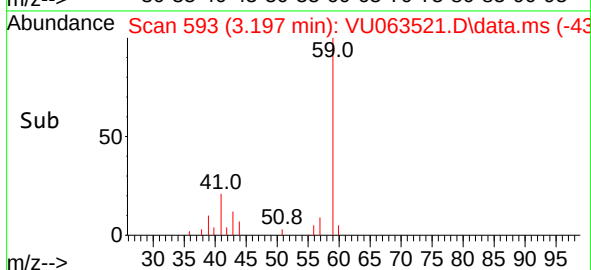
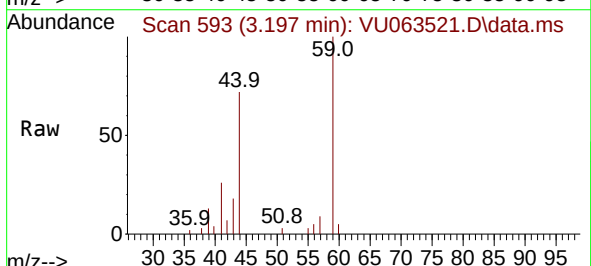
Manual Integrations  
APPROVED

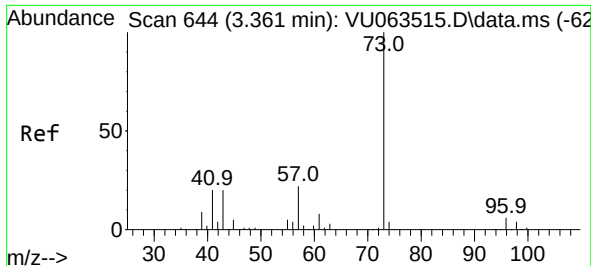
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#24  
tert-Butyl Alcohol  
Concen: 20.303 ug/l  
RT: 3.197 min Scan# 593  
Delta R.T. 0.007 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion: 59 Resp: 10601  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.6 12.8





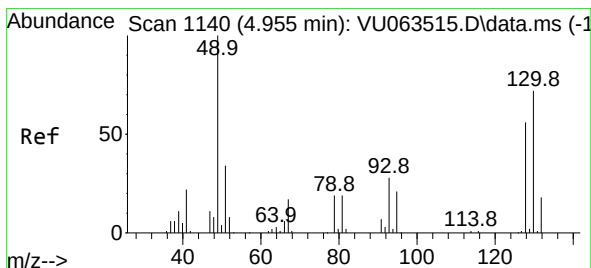
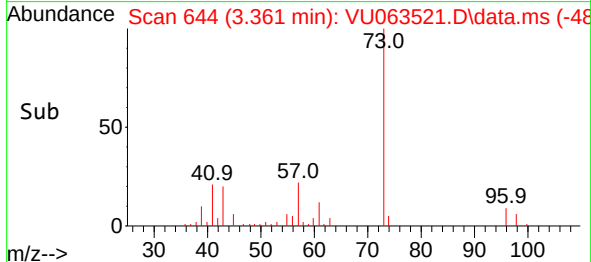
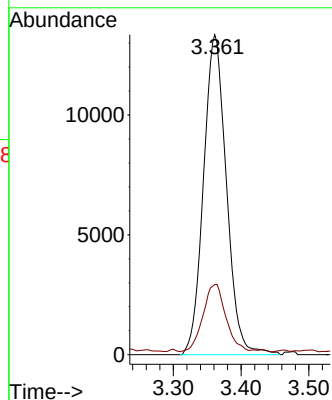
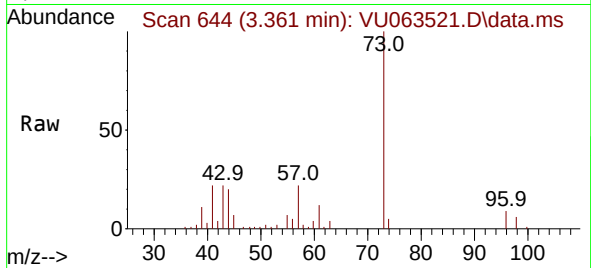
#25  
Methyl tert-Butyl Ether  
Concen: 2.117 ug/l  
RT: 3.361 min Scan# 644  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01

Tgt Ion: 73 Resp: 3137  
Ion Ratio Lower Upper  
73 100  
43 20.8 16.2 24.2

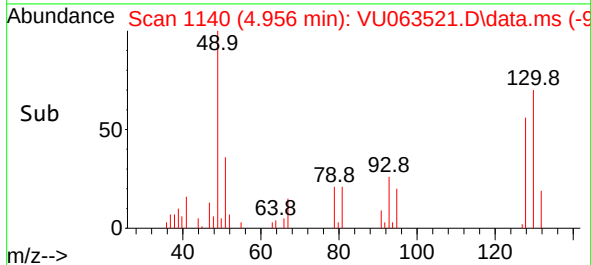
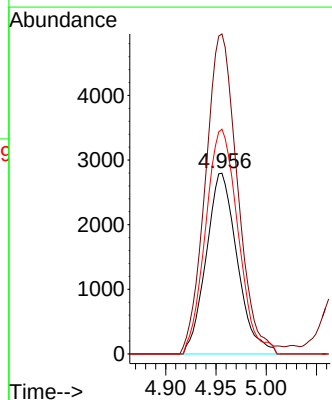
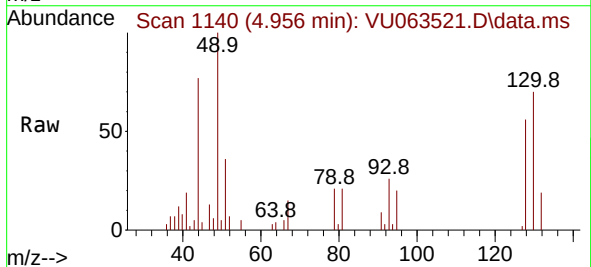
Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

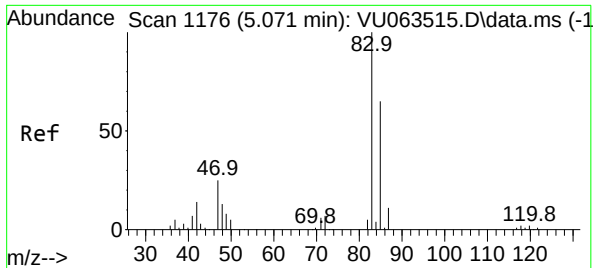


#26  
Bromochloromethane  
Concen: 2.054 ug/l  
RT: 4.956 min Scan# 1140  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion:128 Resp: 6000  
Ion Ratio Lower Upper  
128 100  
49 183.5 0.0 340.8  
130 130.4 100.5 150.7







#27

Chloroform

Concen: 2.060 ug/l

RT: 5.072 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA\_U

ClientSampleId :

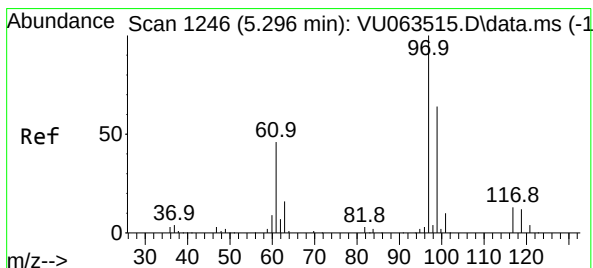
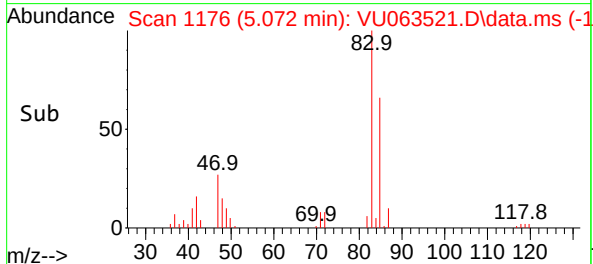
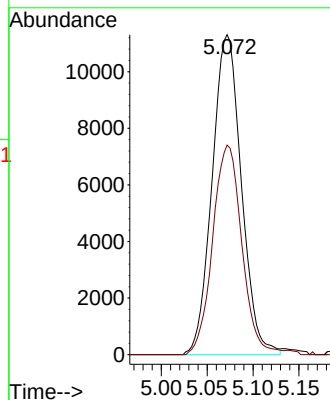
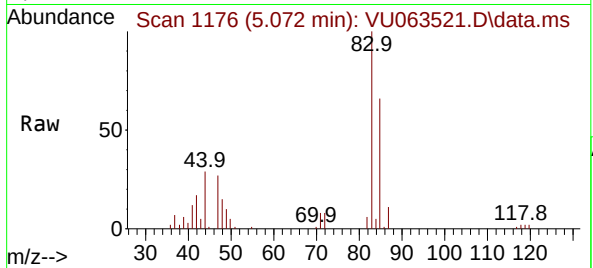
VU0717WBS01

Tgt Ion: 83 Resp: 2511  
 Ion Ratio Lower Upper  
 83 100  
 85 65.5 0.0 130.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/18/2025  
 Supervised By :Semsettin Yesilyurt 07/21/2025



#28

1,1,1-Trichloroethane

Concen: 2.014 ug/l

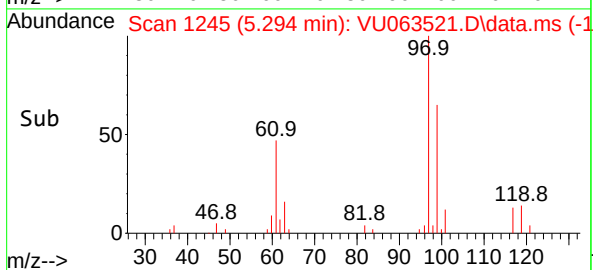
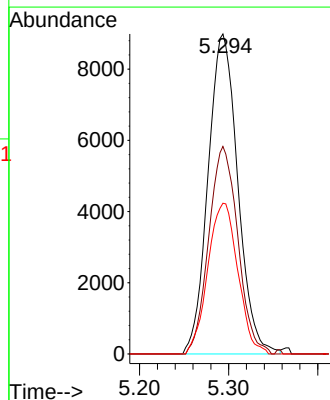
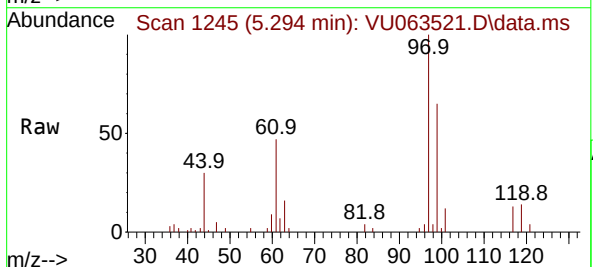
RT: 5.294 min Scan# 1245

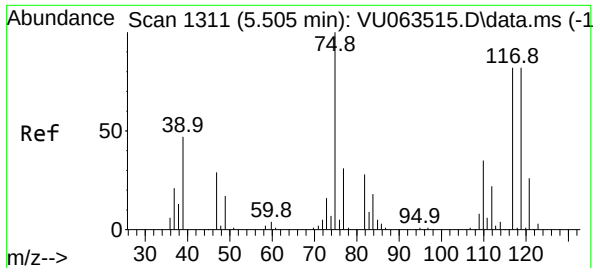
Delta R.T. -0.003 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Tgt Ion: 97 Resp: 20838  
 Ion Ratio Lower Upper  
 97 100  
 99 63.5 31.8 95.3  
 61 47.6 23.3 69.9





#29  
1,1-Dichloropropene  
Concen: 2.130 ug/l  
RT: 5.506 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

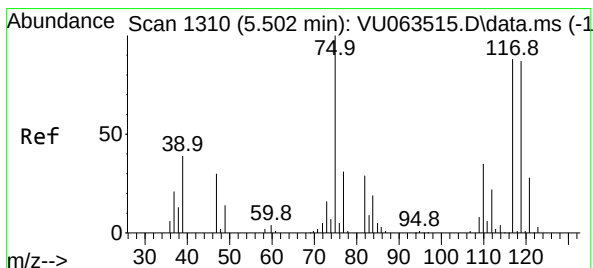
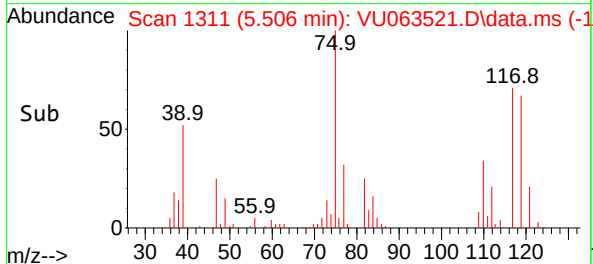
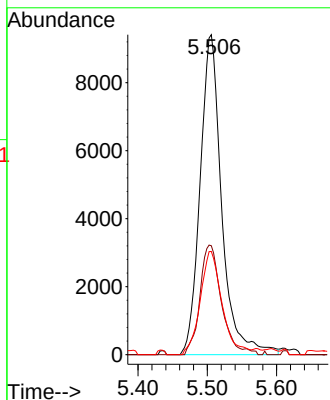
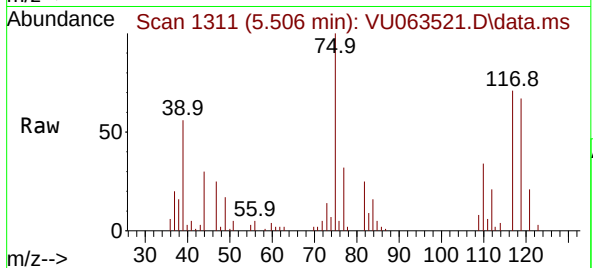
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01

Tgt Ion: 75 Resp: 2041

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 34.0  | 17.8  | 53.4  |
| 77  | 32.6  | 24.6  | 37.0  |

Manual Integrations  
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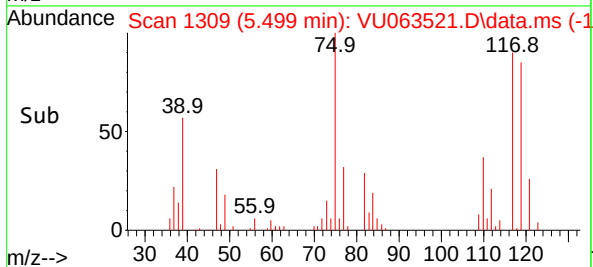
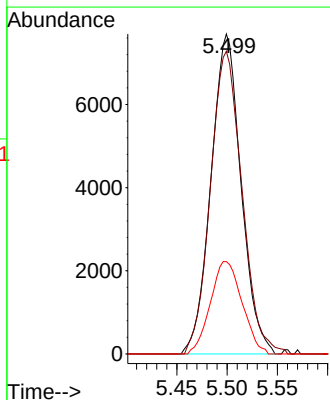
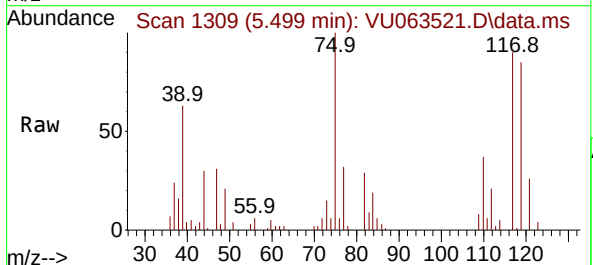
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

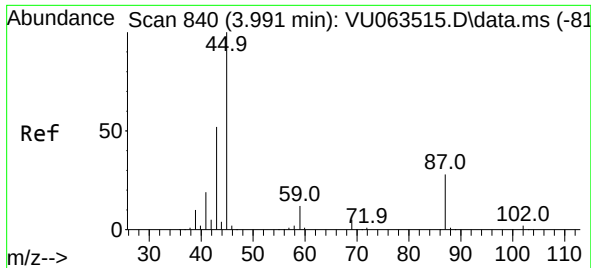


#30  
Carbon Tetrachloride  
Concen: 1.922 ug/l  
RT: 5.499 min Scan# 1309  
Delta R.T. -0.003 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion:117 Resp: 16009

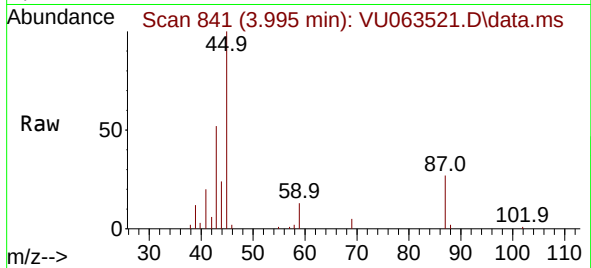
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 94.6  | 79.2  | 118.8 |
| 121 | 28.9  | 25.5  | 38.3  |





#31  
Isopropyl Ether  
Concen: 2.133 ug/l  
RT: 3.995 min Scan# 841  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

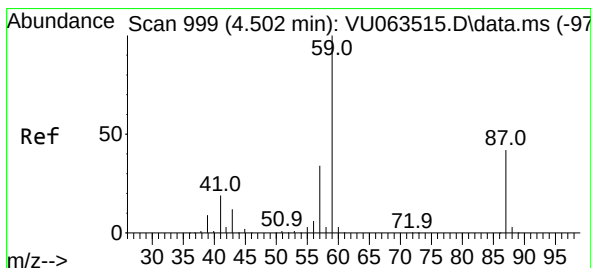
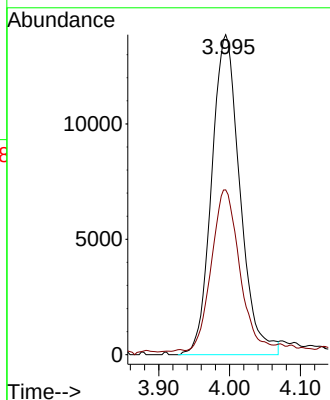
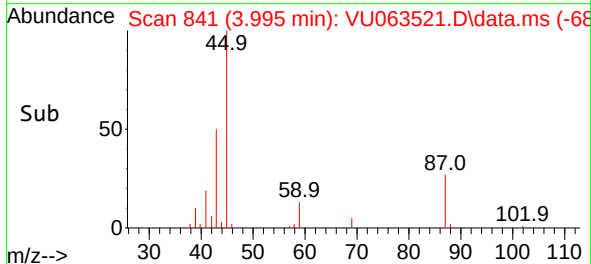
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



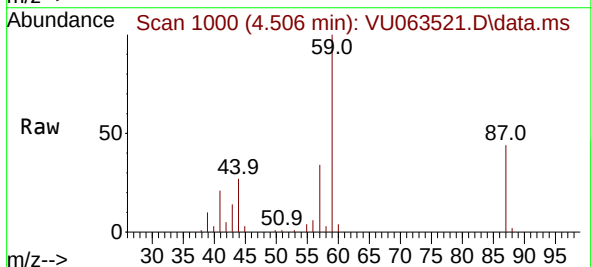
Tgt Ion: 45 Resp: 3846  
Ion Ratio Lower Upper  
45 100  
43 49.5 25.7 77.0

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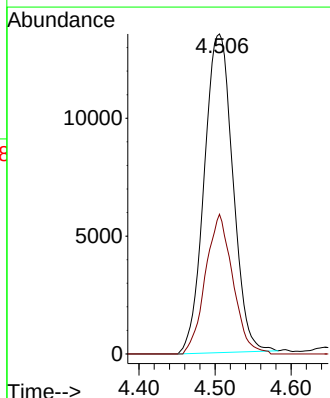
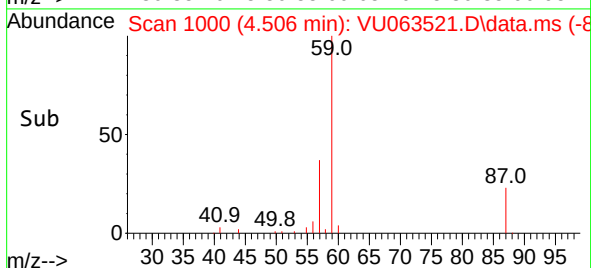
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

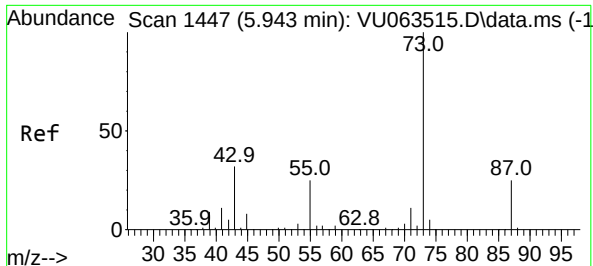


#32  
Ethyl-t-butyl ether  
Concen: 2.117 ug/l  
RT: 4.506 min Scan# 1000  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43



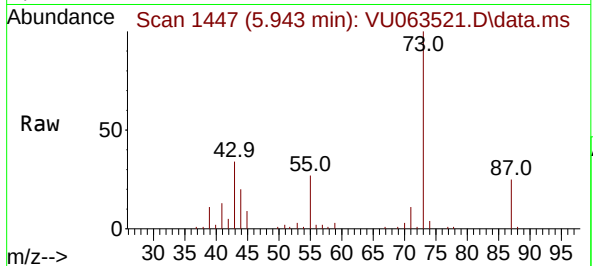
Tgt Ion: 59 Resp: 35330  
Ion Ratio Lower Upper  
59 100  
87 41.9 32.6 49.0





#33  
Tert-Amyl methyl ether  
Concen: 2.124 ug/l  
RT: 5.943 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

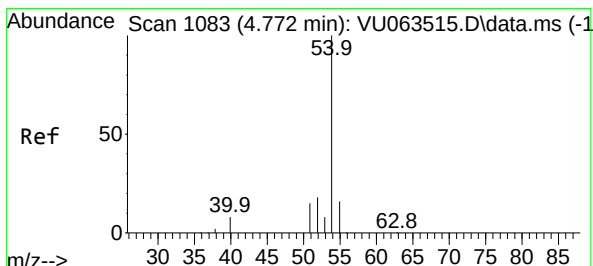
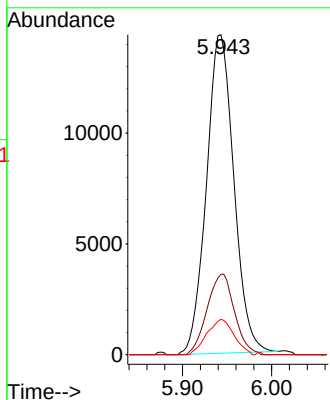
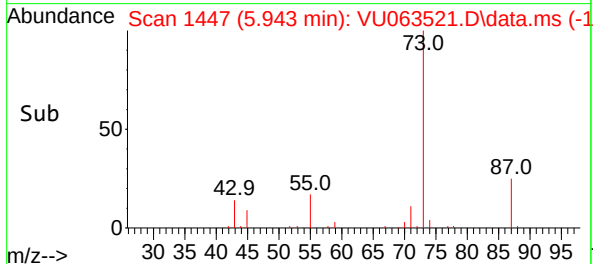
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



Tgt Ion: 73 Resp: 3077  
Ion Ratio Lower Upper  
73 100  
87 25.2 19.4 29.2  
71 10.9 8.9 13.3

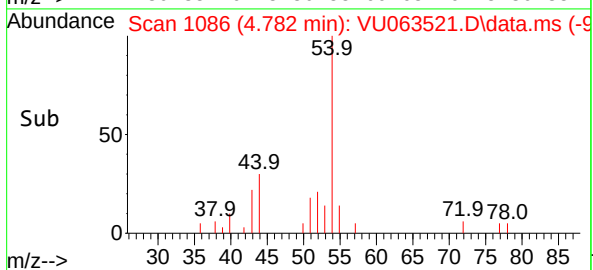
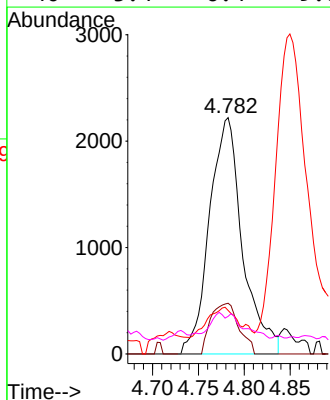
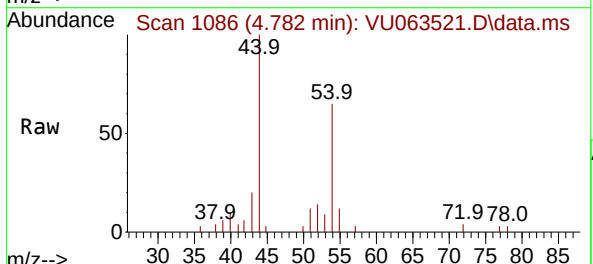
Manual Integrations  
APPROVED

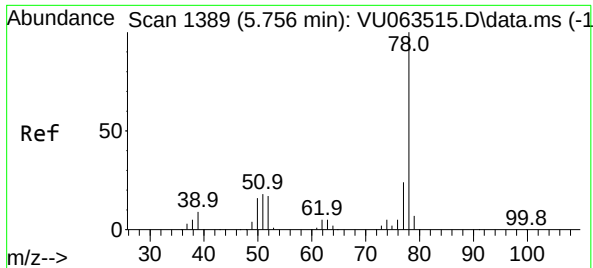
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#34  
Propionitrile  
Concen: 10.376 ug/l  
RT: 4.782 min Scan# 1086  
Delta R.T. 0.010 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion: 54 Resp: 5569  
Ion Ratio Lower Upper  
54 100  
52 18.3 17.0 25.4  
55 13.2 13.6 20.4#  
40 3.4 6.4 9.6#





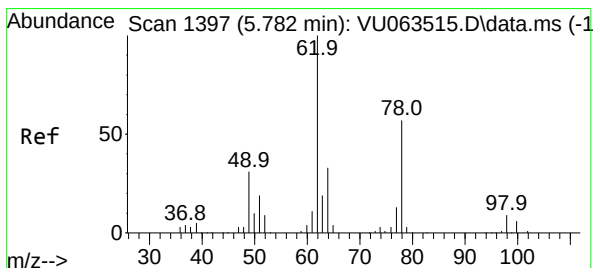
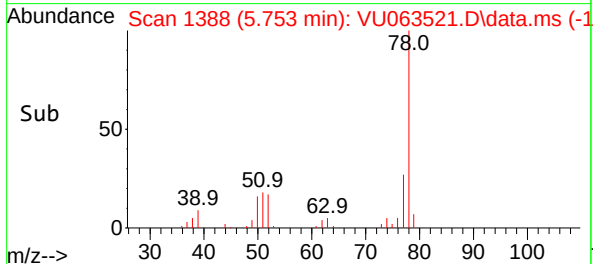
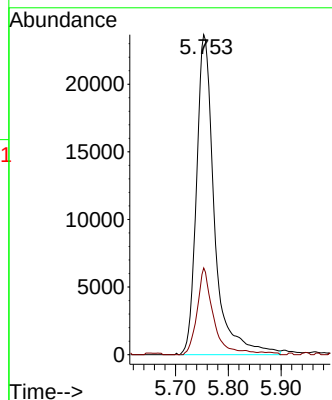
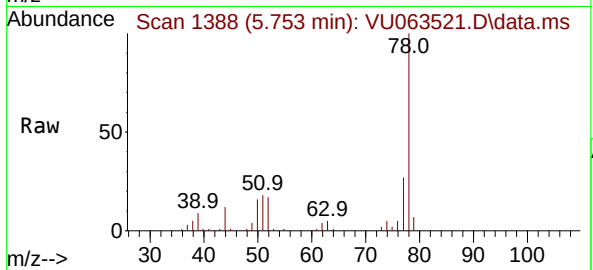
#35  
Benzene  
Concen: 2.169 ug/l  
RT: 5.753 min Scan# 1388  
Delta R.T. -0.003 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01

Tgt Ion: 78 Resp: 55862  
Ion Ratio Lower Upper  
78 100  
77 27.1 19.4 29.2

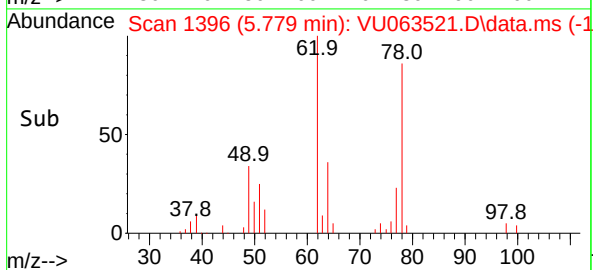
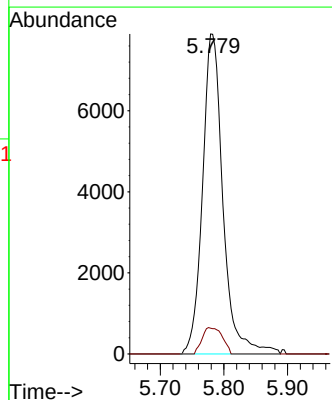
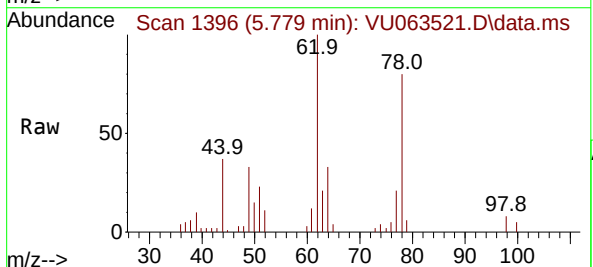
Manual Integrations  
APPROVED

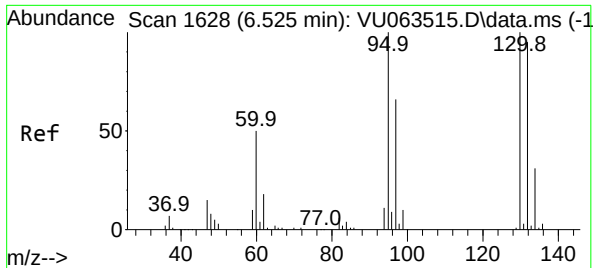
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#36  
1,2-Dichloroethane  
Concen: 2.204 ug/l  
RT: 5.779 min Scan# 1396  
Delta R.T. -0.003 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

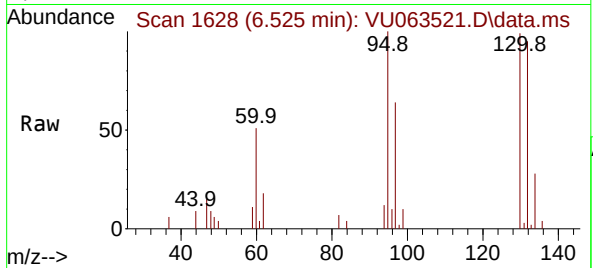
Tgt Ion: 62 Resp: 17638  
Ion Ratio Lower Upper  
62 100  
98 8.1 6.4 9.6





#37  
Trichloroethene  
Concen: 1.819 ug/l  
RT: 6.525 min Scan# 1628  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

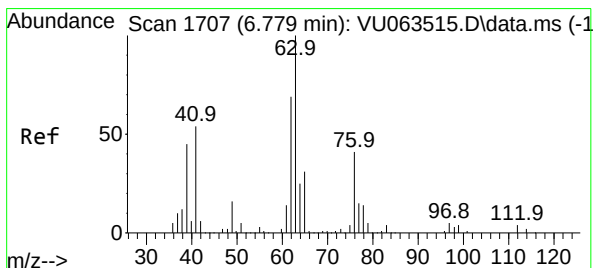
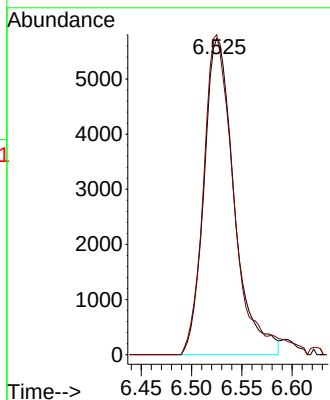
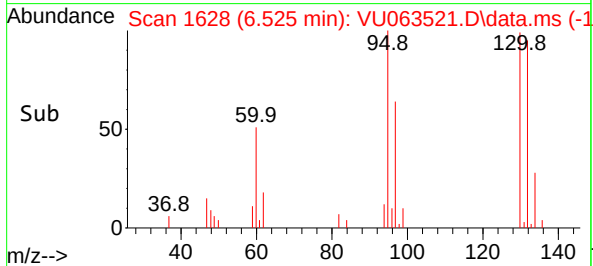
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



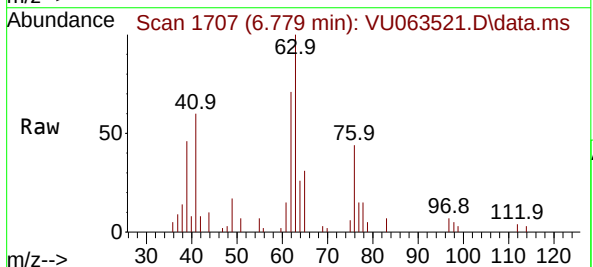
Tgt Ion:130 Resp: 11954  
Ion Ratio Lower Upper  
130 100  
95 101.2 80.3 120.5

Manual Integrations  
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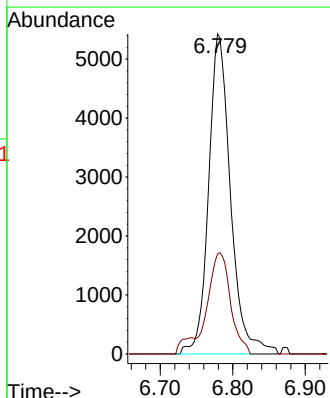
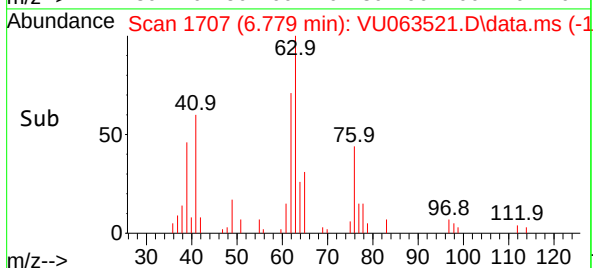
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

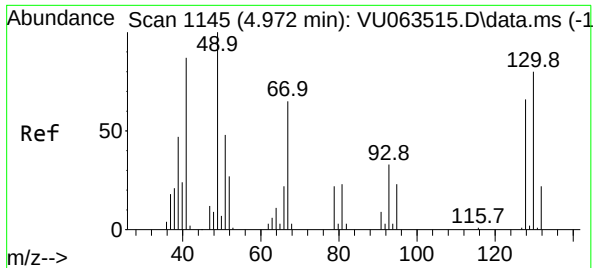


#38  
1,2-Dichloropropane  
Concen: 1.895 ug/l  
RT: 6.779 min Scan# 1707  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43



Tgt Ion: 63 Resp: 11421  
Ion Ratio Lower Upper  
63 100  
65 31.3 24.6 36.8





#39

Methacrylonitrile

Concen: 1.892 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA\_U

ClientSampleId :

VU0717WBS01

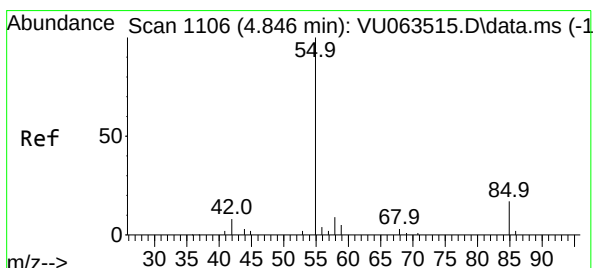
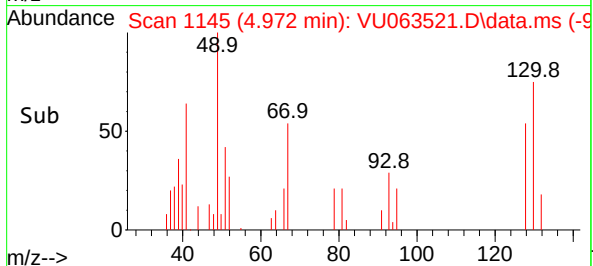
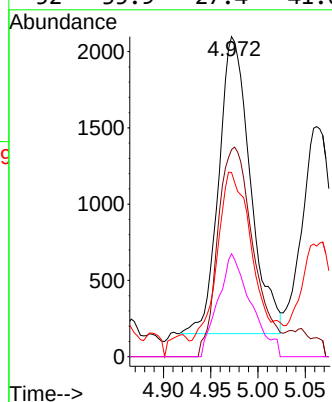
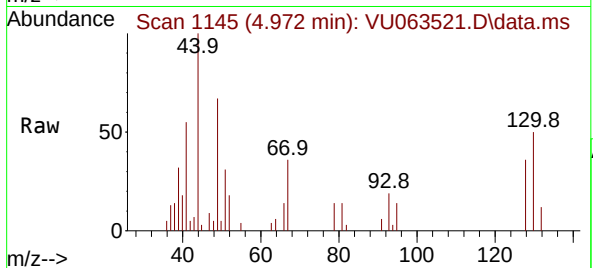
Tgt Ion: 41 Resp: 4514

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 67  | 80.4  | 62.7  | 94.1  |
| 39  | 61.5  | 43.1  | 64.7  |
| 52  | 35.9  | 27.4  | 41.0  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#40

Methyl acrylate

Concen: 1.907 ug/l

RT: 4.850 min Scan# 1107

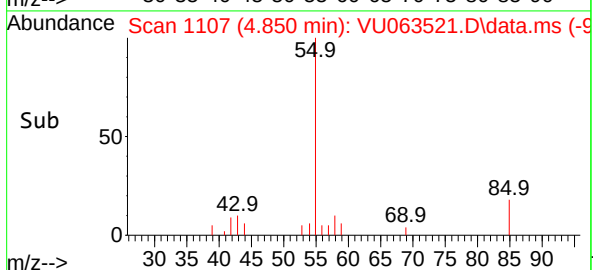
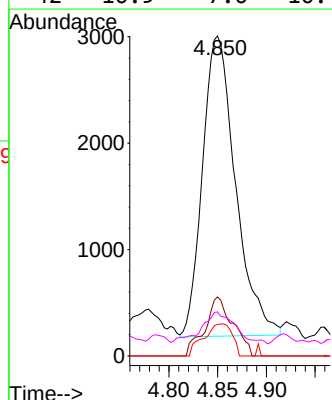
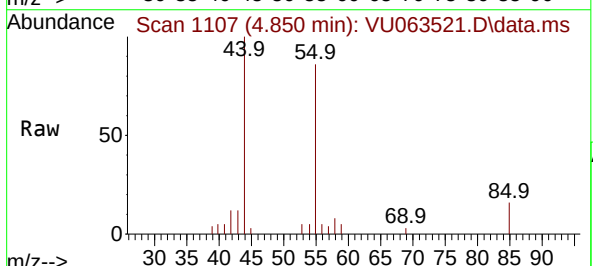
Delta R.T. 0.004 min

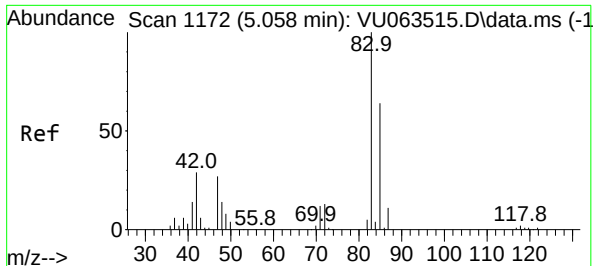
Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Tgt Ion: 55 Resp: 6649

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 55  | 100   |       |       |
| 85  | 16.7  | 12.8  | 19.2  |
| 58  | 9.2   | 7.0   | 10.4  |
| 42  | 10.9  | 7.0   | 10.4  |





#41

Tetrahydrofuran

Concen: 4.674 ug/l

RT: 5.062 min Scan# 1172

Delta R.T. 0.004 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA\_U

ClientSampleId :

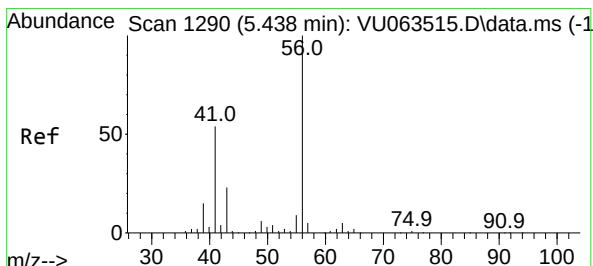
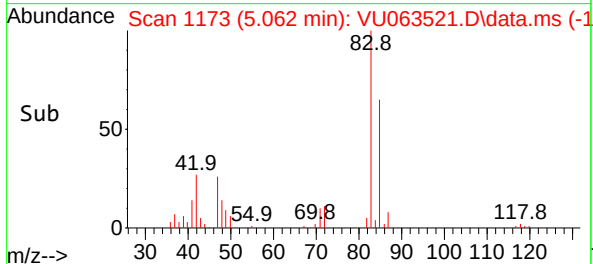
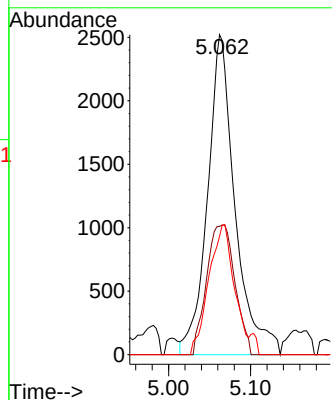
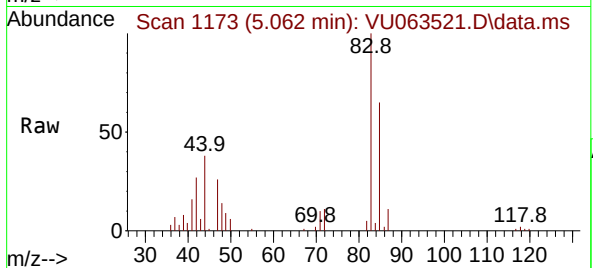
VU0717WBS01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 586  |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 41.9  | 39.2  | 58.8 |
| 71        | 37.7  | 34.8  | 52.2 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#42

1-Chlorobutane

Concen: 2.062 ug/l

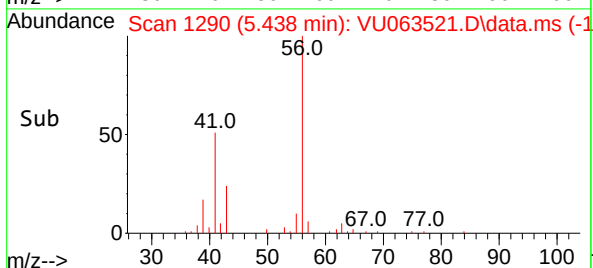
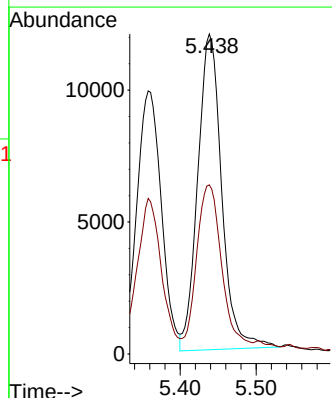
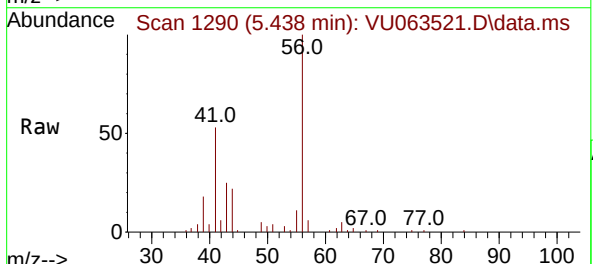
RT: 5.438 min Scan# 1290

Delta R.T. 0.000 min

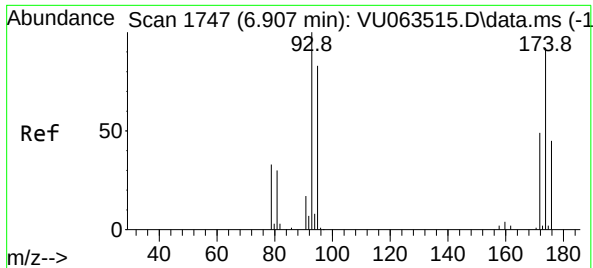
Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 26277 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 41        | 50.5  | 26.7  | 80.0  |

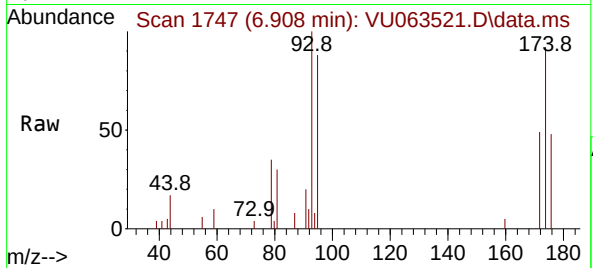






#43  
Dibromomethane  
Concen: 1.838 ug/l  
RT: 6.908 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

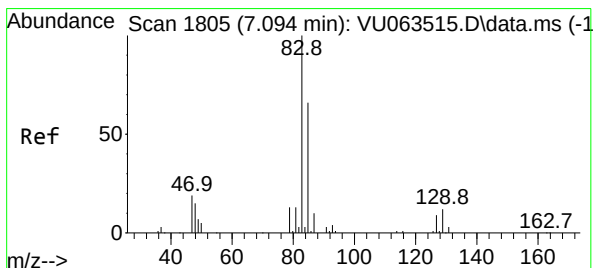
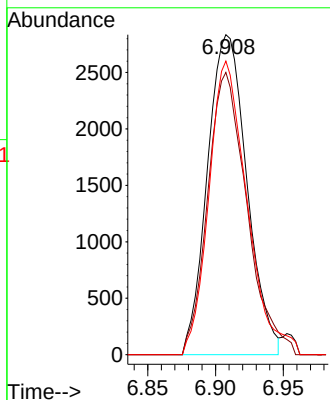
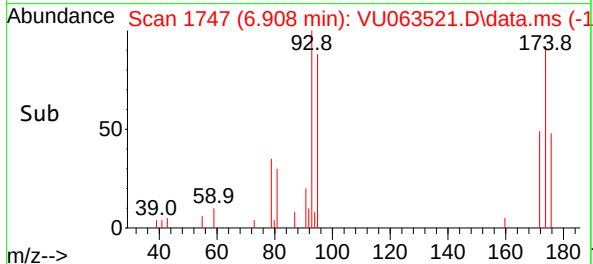
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



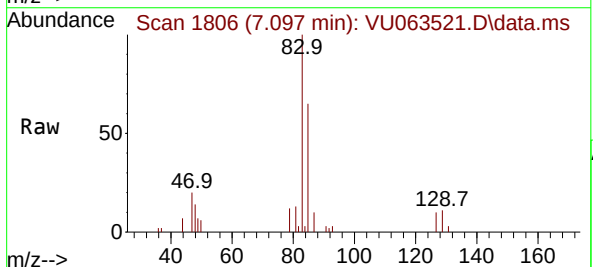
Tgt Ion: 93 Resp: 5740  
Ion Ratio Lower Upper  
93 100  
95 87.8 67.9 101.9  
174 88.9 74.6 111.8

Manual Integrations  
APPROVED

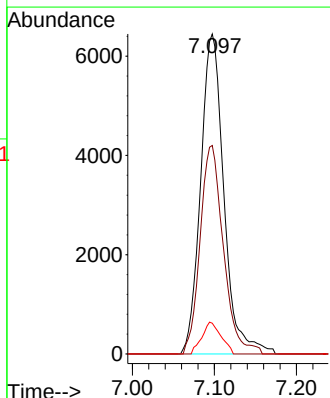
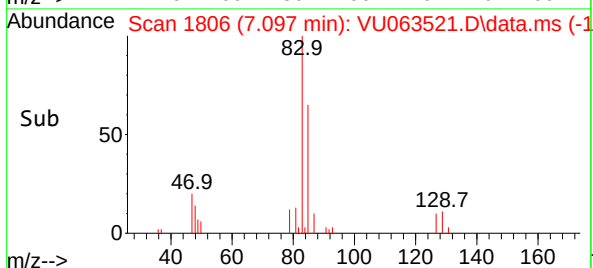
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

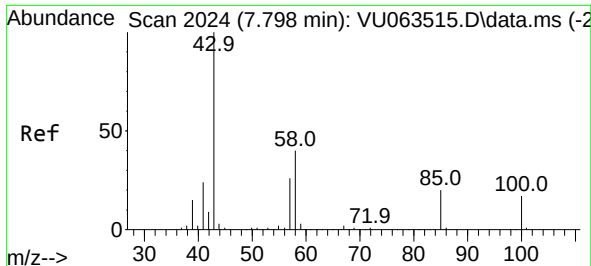


#44  
Bromodichloromethane  
Concen: 1.802 ug/l  
RT: 7.097 min Scan# 1806  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43



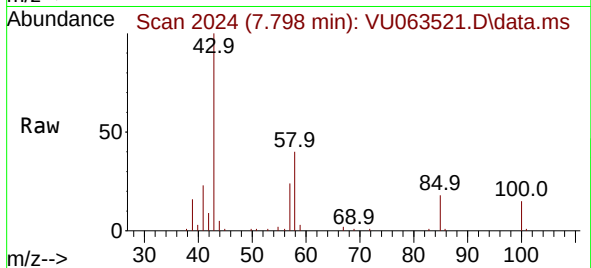
Tgt Ion: 83 Resp: 12690  
Ion Ratio Lower Upper  
83 100  
85 65.2 52.7 79.1  
127 9.6 8.1 12.1





#45  
4-Methyl-2-Pentanone  
Concen: 9.714 ug/l  
RT: 7.798 min Scan# 2024  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

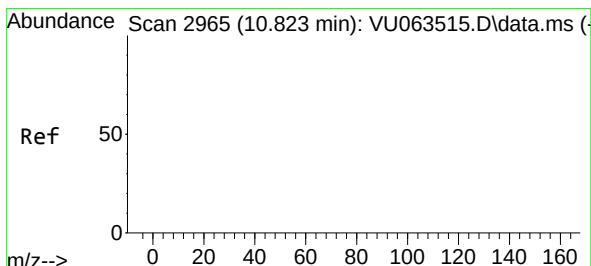
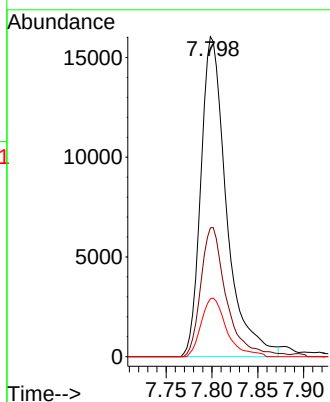
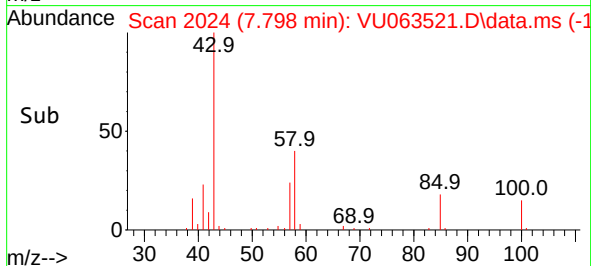
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



Tgt Ion: 43 Resp: 31264  
Ion Ratio Lower Upper  
43 100  
58 40.5 20.0 60.0  
85 18.1 15.4 23.0

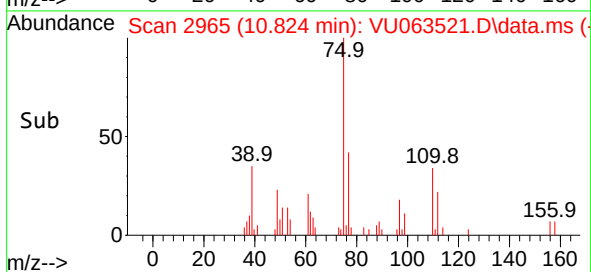
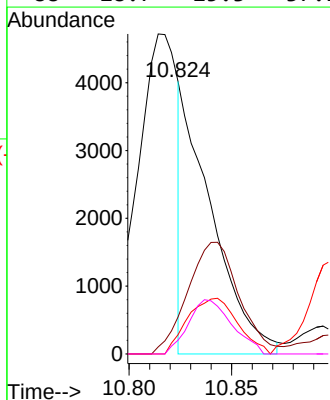
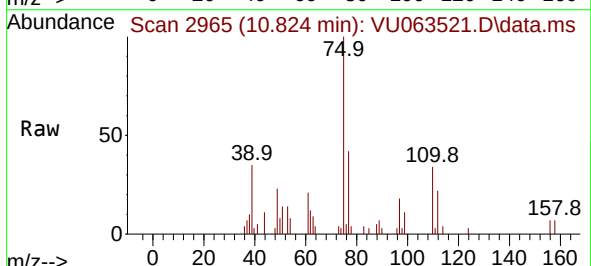
Manual Integrations  
APPROVED

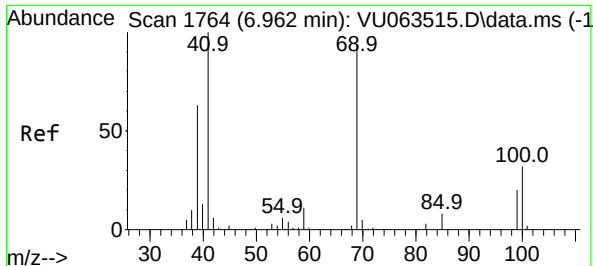
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#46  
t-1,4-Dichloro-2-butene  
Concen: 3.407 ug/l m  
RT: 10.824 min Scan# 2965  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

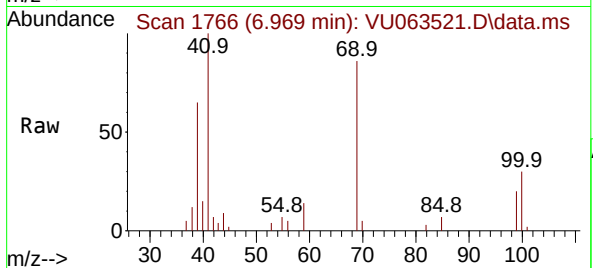
Tgt Ion: 75 Resp: 4116  
Ion Ratio Lower Upper  
75 100  
53 70.0 48.4 72.6  
89 33.8 30.6 45.8  
88 28.7 25.3 37.9





#47  
Methyl methacrylate  
Concen: 3.541 ug/l  
RT: 6.969 min Scan# 1766  
Delta R.T. 0.007 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

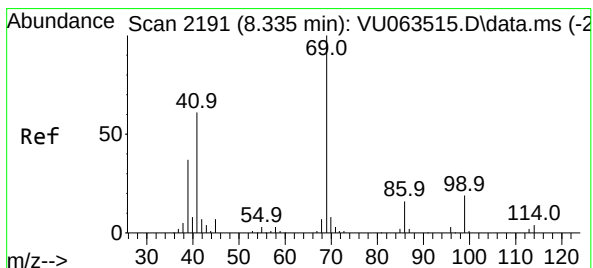
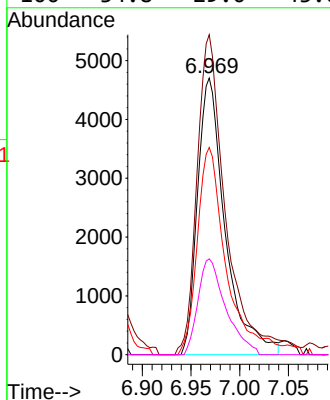
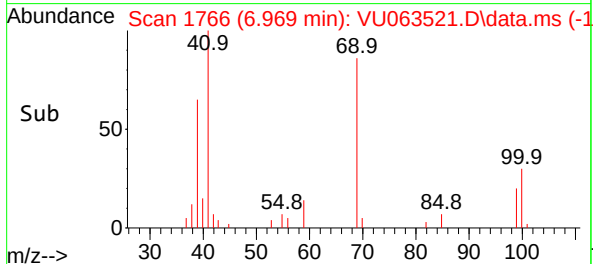
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



Tgt Ion: 69 Resp: 928  
Ion Ratio Lower Upper  
69 100  
41 121.4 0.0 224.0  
39 78.2 55.3 82.9  
100 34.8 29.0 43.6

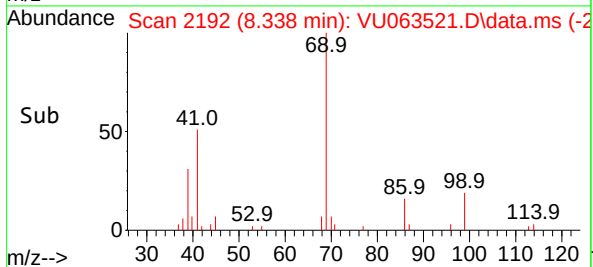
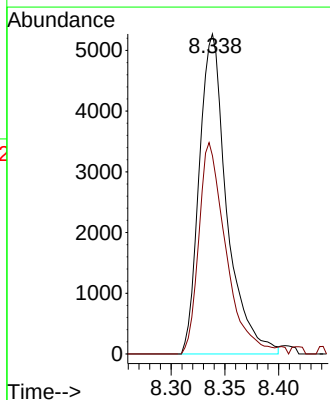
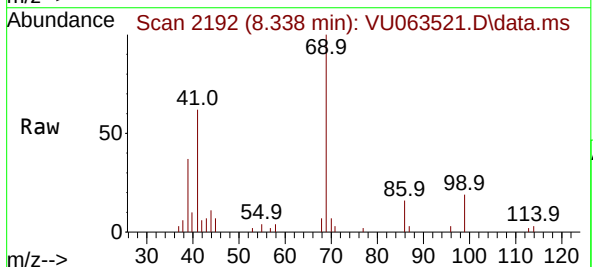
Manual Integrations  
APPROVED

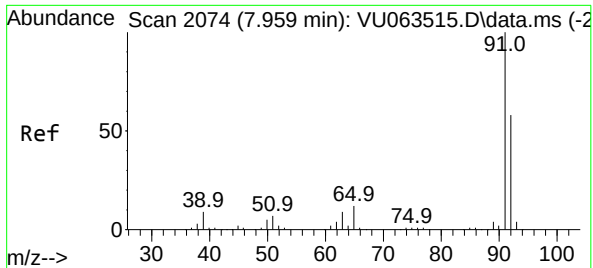
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#48  
Ethyl methacrylate  
Concen: 1.877 ug/l  
RT: 8.338 min Scan# 2192  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion: 69 Resp: 9397  
Ion Ratio Lower Upper  
69 100  
41 64.9 30.8 92.4





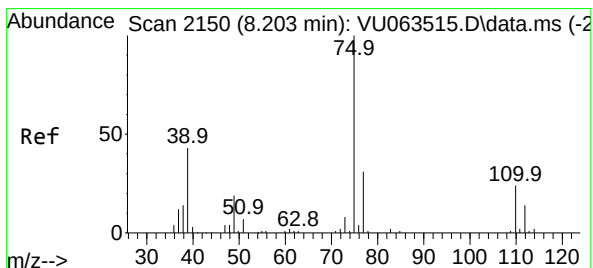
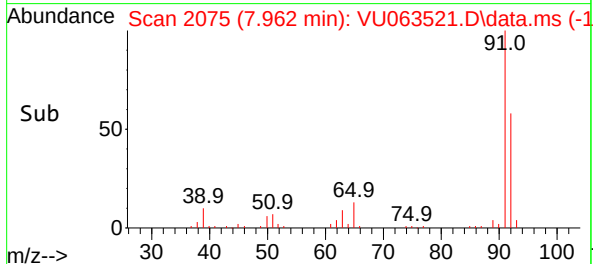
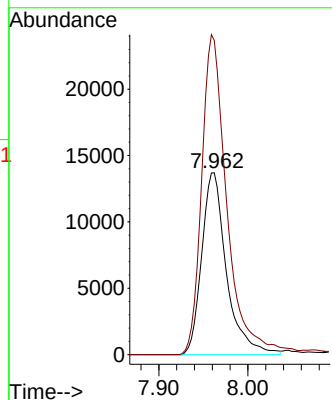
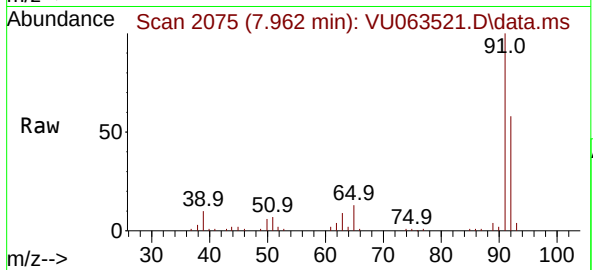
#49  
Toluene  
Concen: 1.885 ug/l  
RT: 7.962 min Scan# 2074  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01

Tgt Ion: 92 Resp: 2650  
Ion Ratio Lower Upper  
92 100  
91 179.8 140.4 210.6

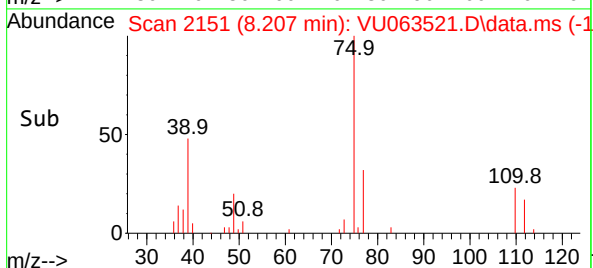
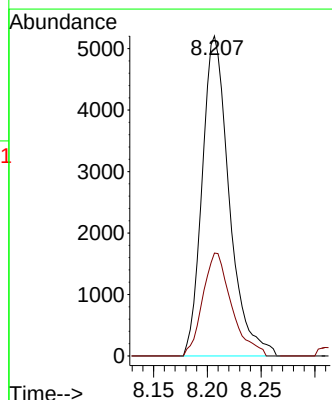
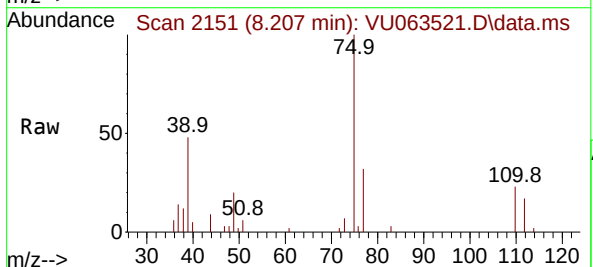
Manual Integrations  
APPROVED

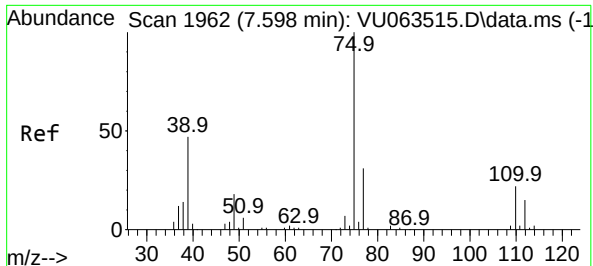
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#50  
t-1,3-Dichloropropene  
Concen: 1.645 ug/l  
RT: 8.207 min Scan# 2151  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

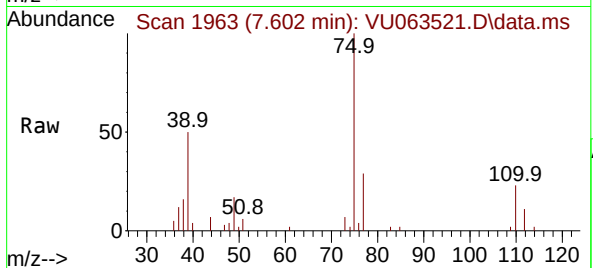
Tgt Ion: 75 Resp: 9090  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.9 37.3





#51  
 cis-1,3-Dichloropropene  
 Concen: 1.692 ug/l  
 RT: 7.602 min Scan# 1962  
 Delta R.T. 0.004 min  
 Lab File: VU063521.D  
 Acq: 17 Jul 2025 12:43

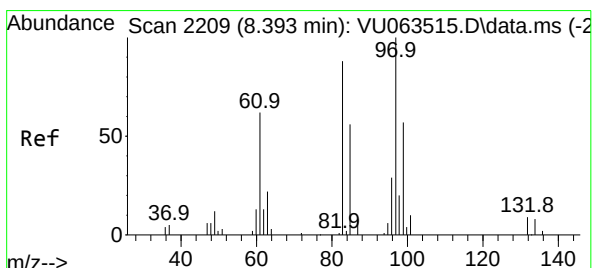
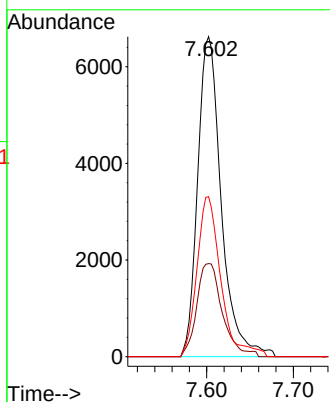
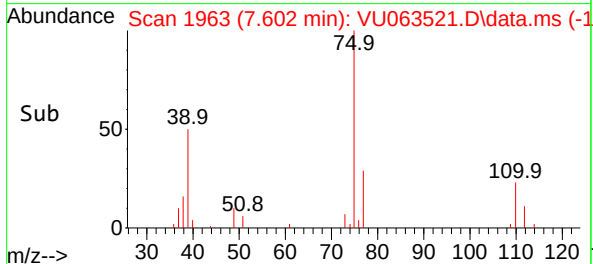
Instrument : MSVOA\_U  
 ClientSampleId : VU0717WBS01



Tgt Ion: 75 Resp: 12550  
 Ion Ratio Lower Upper  
 75 100  
 77 29.1 25.1 37.7  
 39 50.0 37.8 56.6

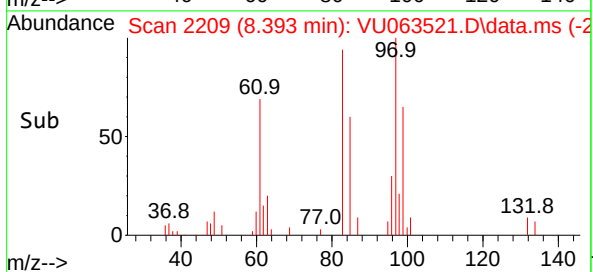
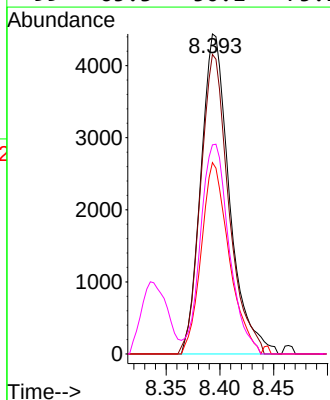
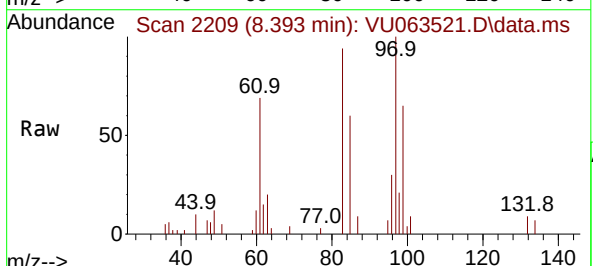
Manual Integrations  
 APPROVED

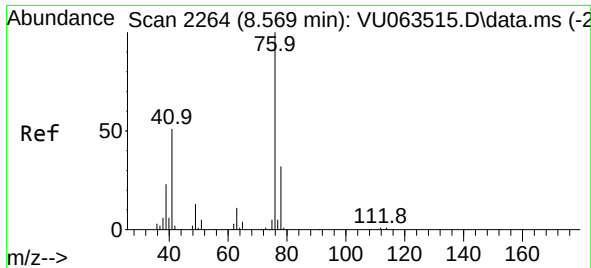
Reviewed By :Mahesh Dadoda 07/18/2025  
 Supervised By :Semsettin Yesilyurt 07/21/2025



#52  
 1,1,2-Trichloroethane  
 Concen: 1.957 ug/l  
 RT: 8.393 min Scan# 2209  
 Delta R.T. 0.000 min  
 Lab File: VU063521.D  
 Acq: 17 Jul 2025 12:43

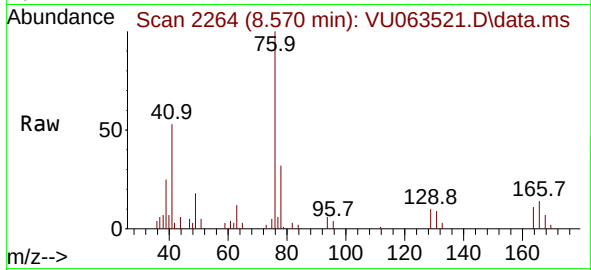
Tgt Ion: 97 Resp: 8229  
 Ion Ratio Lower Upper  
 97 100  
 83 93.6 70.2 105.2  
 85 59.8 45.2 67.8  
 99 65.3 50.1 75.1





#53  
1,3-Dichloropropane  
Concen: 1.956 ug/l  
RT: 8.570 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

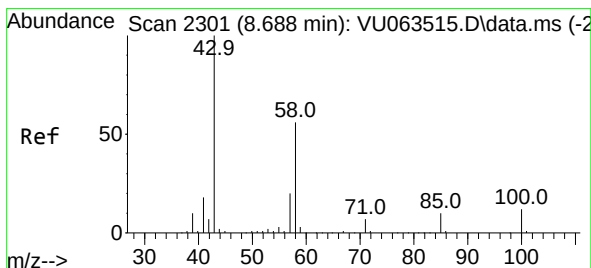
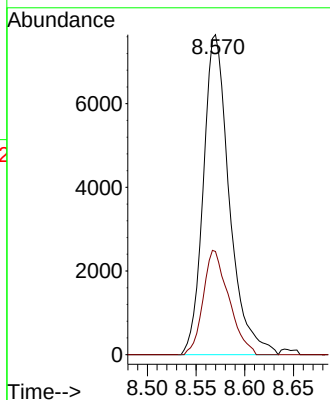
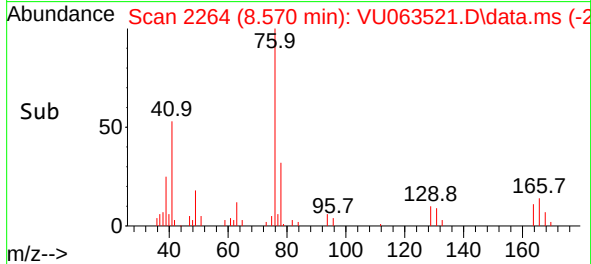
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



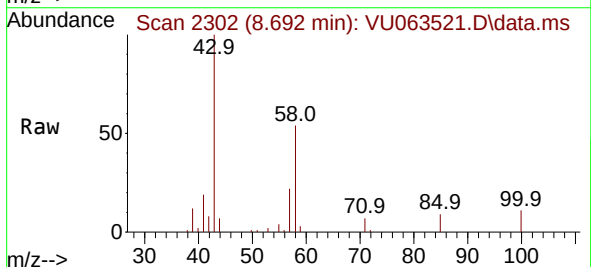
Tgt Ion: 76 Resp: 14200  
Ion Ratio Lower Upper  
76 100  
78 32.2 26.0 39.0

Manual Integrations  
APPROVED

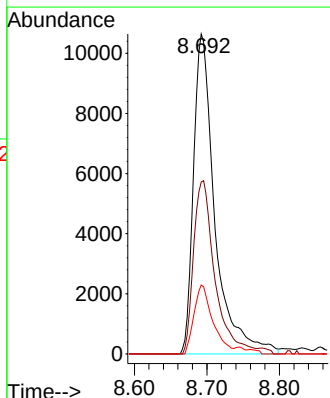
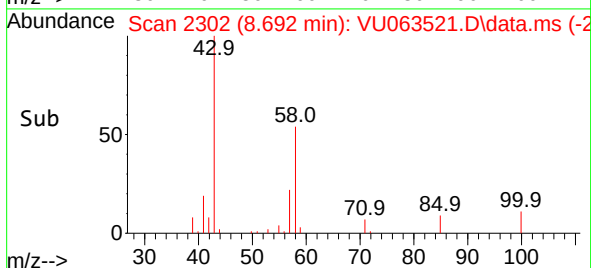
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

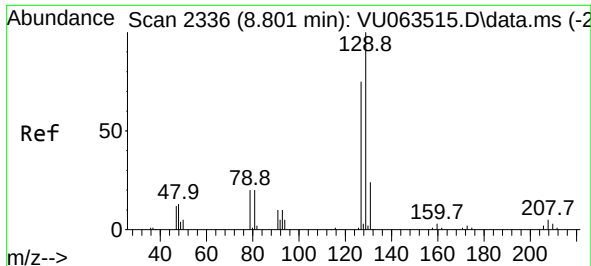


#54  
2-Hexanone  
Concen: 10.196 ug/l  
RT: 8.692 min Scan# 2302  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43



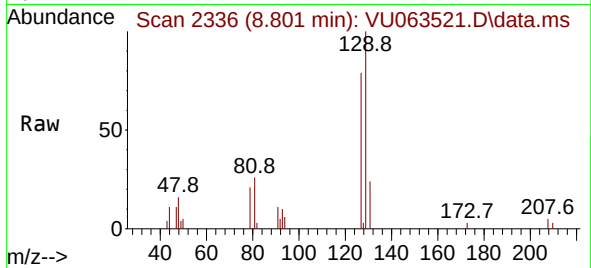
Tgt Ion: 43 Resp: 21798  
Ion Ratio Lower Upper  
43 100  
58 53.9 34.8 74.8  
57 19.0 0.0 39.5





#55  
Dibromochloromethane  
Concen: 1.760 ug/l  
RT: 8.801 min Scan# 2336  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

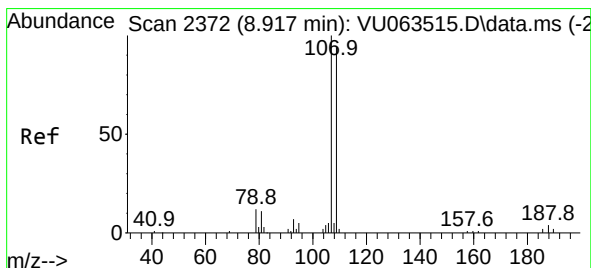
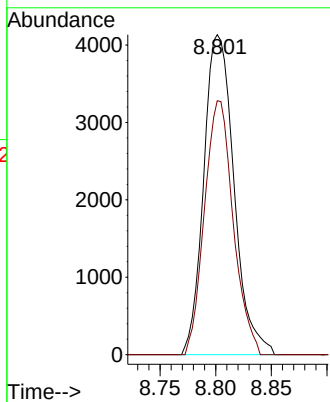
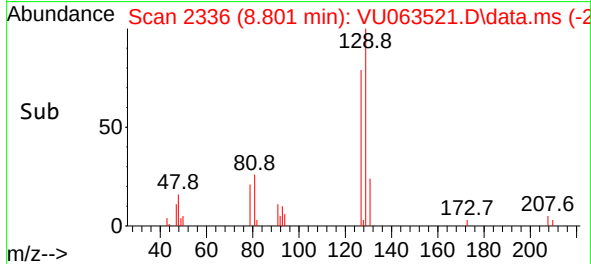
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



Tgt Ion:129 Resp: 7818  
Ion Ratio Lower Upper  
129 100  
127 75.2 60.1 90.1

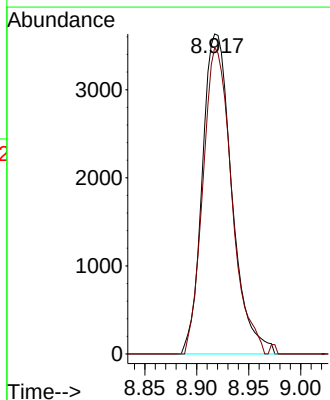
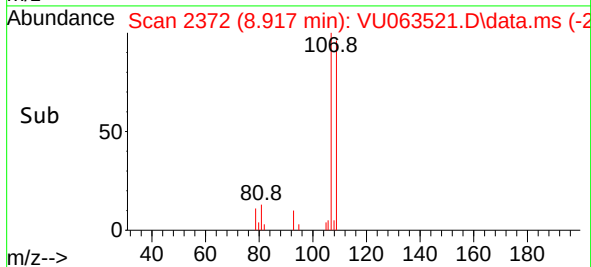
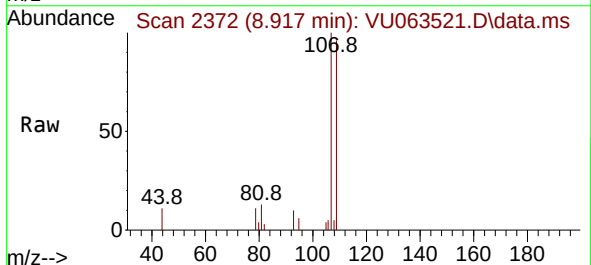
Manual Integrations  
APPROVED

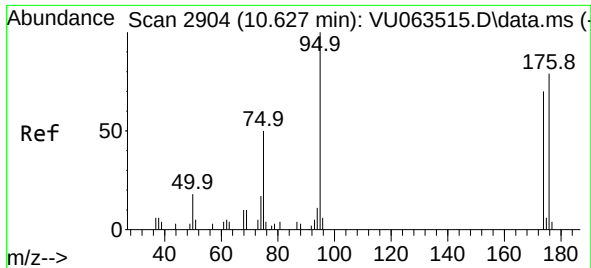
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#56  
1,2-Dibromoethane  
Concen: 1.904 ug/l  
RT: 8.917 min Scan# 2372  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

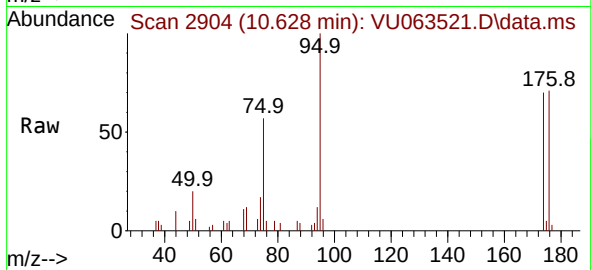
Tgt Ion:107 Resp: 7165  
Ion Ratio Lower Upper  
107 100  
109 93.4 0.0 186.4





#57  
4-Bromofluorobenzene  
Concen: 0.995 ug/l  
RT: 10.628 min Scan# 2904  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

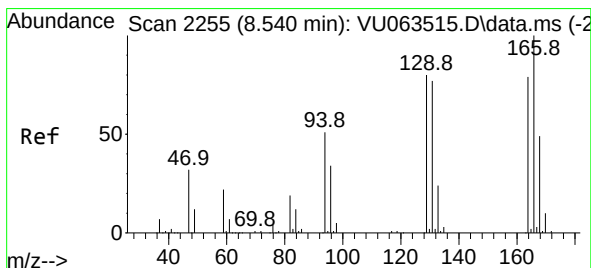
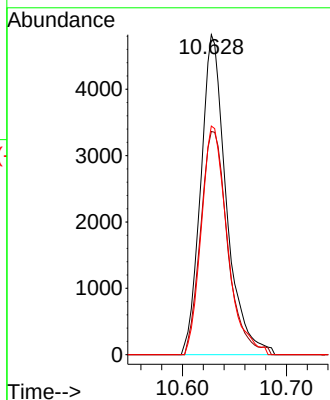
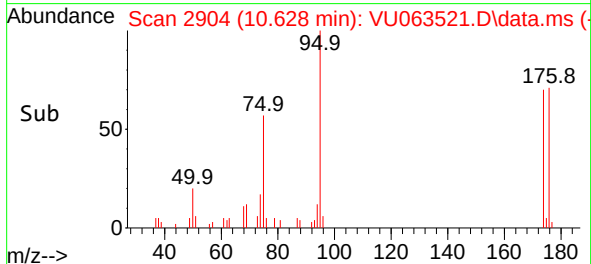
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



Tgt Ion: 95 Resp: 8230  
Ion Ratio Lower Upper  
95 100  
174 73.6 59.8 89.8  
176 72.5 61.8 92.8

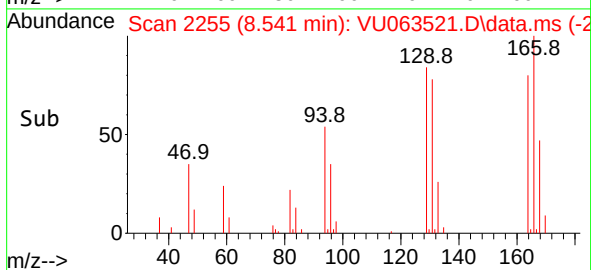
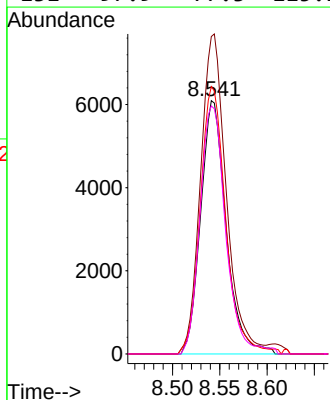
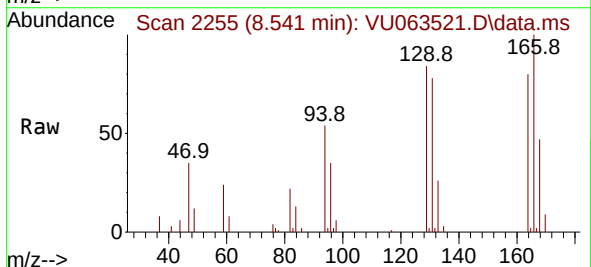
Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

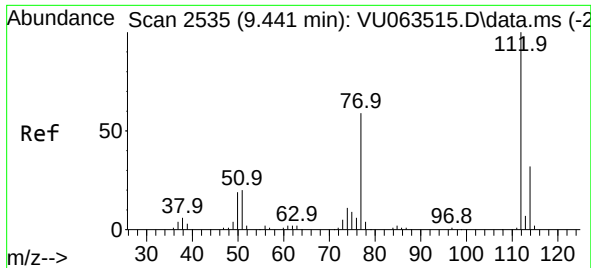


#58  
Tetrachloroethene  
Concen: 1.896 ug/l  
RT: 8.541 min Scan# 2255  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion:164 Resp: 11402  
Ion Ratio Lower Upper  
164 100  
166 125.3 100.7 151.1  
129 105.5 80.6 120.8  
131 97.9 77.3 115.9

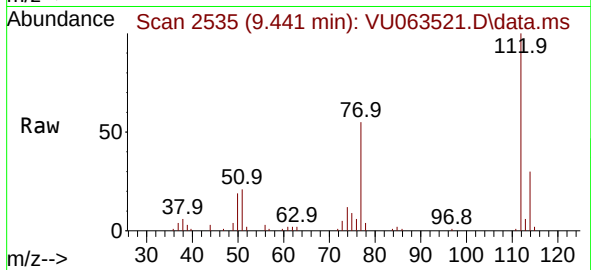






#59  
Chlorobenzene  
Concen: 1.916 ug/l  
RT: 9.441 min Scan# 2535  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

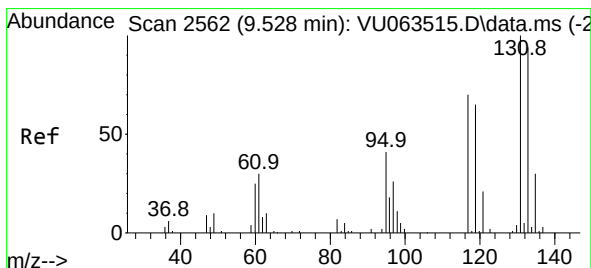
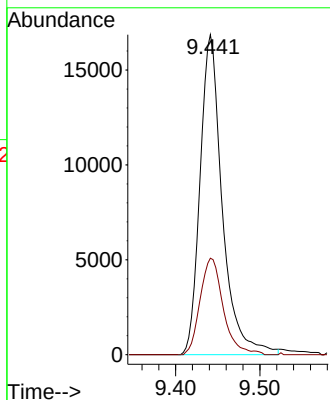
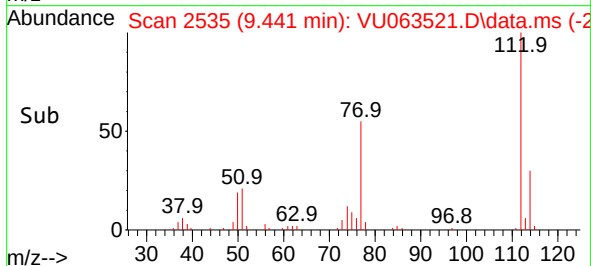
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



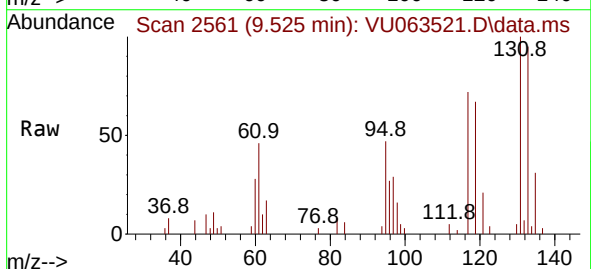
Tgt Ion:112 Resp: 3094  
Ion Ratio Lower Upper  
112 100  
114 30.1 25.4 38.2

Manual Integrations  
APPROVED

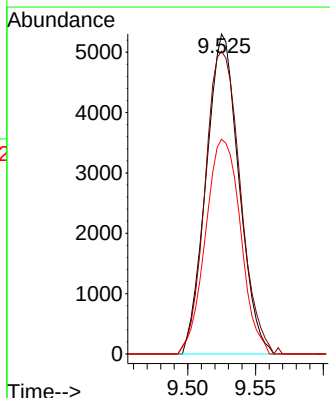
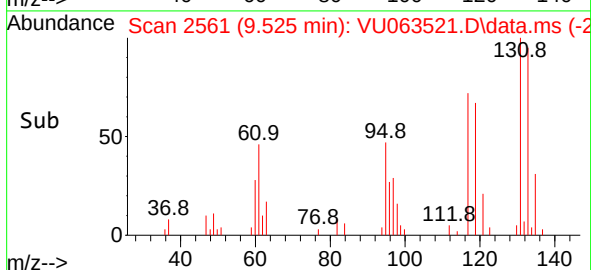
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

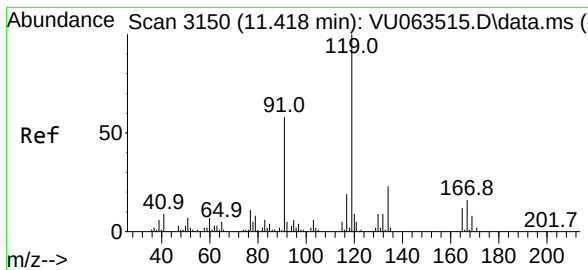


#60  
1,1,1,2-Tetrachloroethane  
Concen: 1.717 ug/l  
RT: 9.525 min Scan# 2561  
Delta R.T. -0.003 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43



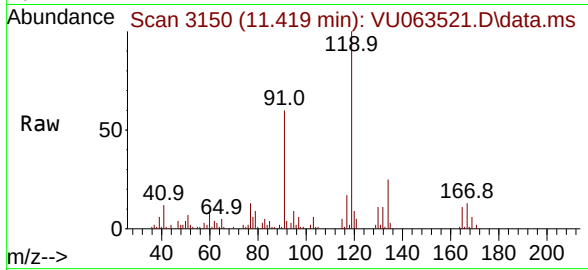
Tgt Ion:131 Resp: 8917  
Ion Ratio Lower Upper  
131 100  
133 101.3 74.7 112.1  
119 71.6 53.0 79.4





#61  
Pentachloroethane  
Concen: 1.737 ug/l  
RT: 11.419 min Scan# 3150  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

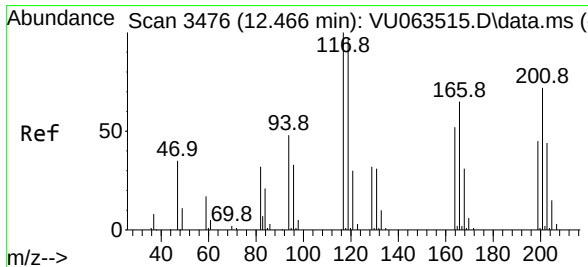
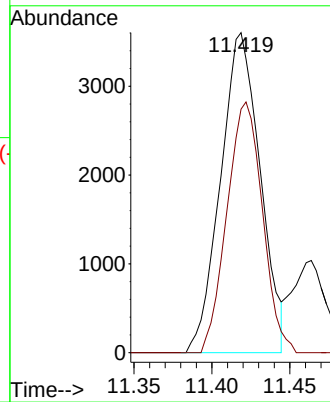
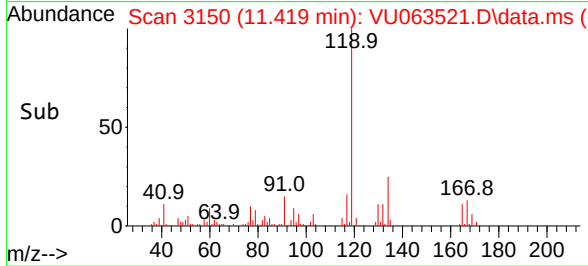
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



Tgt Ion:117 Resp: 6375  
Ion Ratio Lower Upper  
117 100  
167 70.2 65.0 97.6

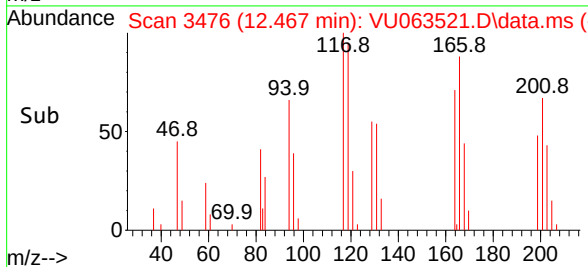
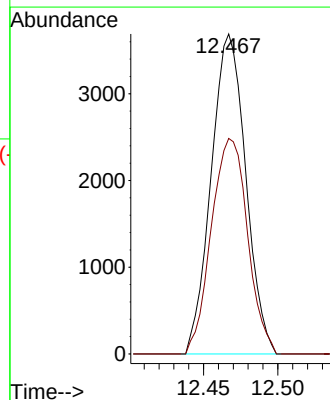
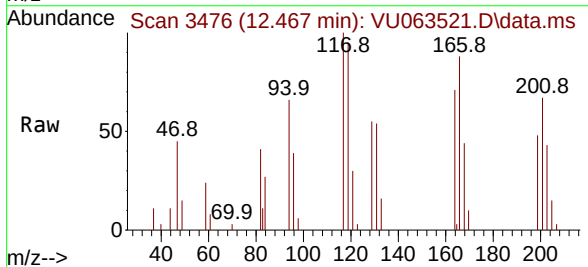
Manual Integrations  
APPROVED

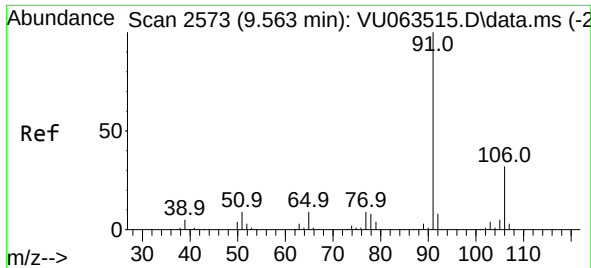
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#62  
Hexachloroethane  
Concen: 1.644 ug/l  
RT: 12.467 min Scan# 3476  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion:117 Resp: 5976  
Ion Ratio Lower Upper  
117 100  
201 70.6 57.4 86.0





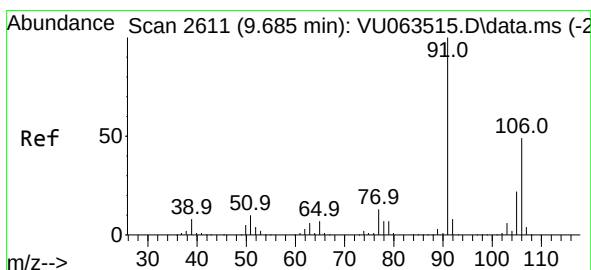
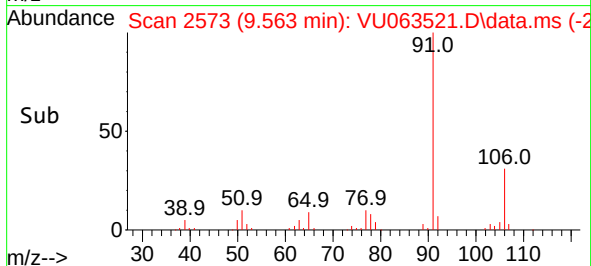
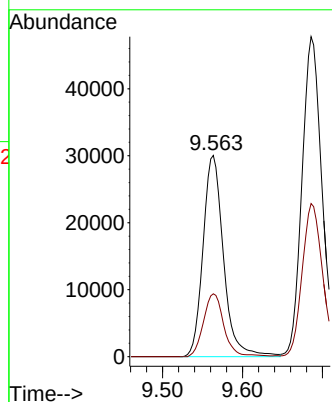
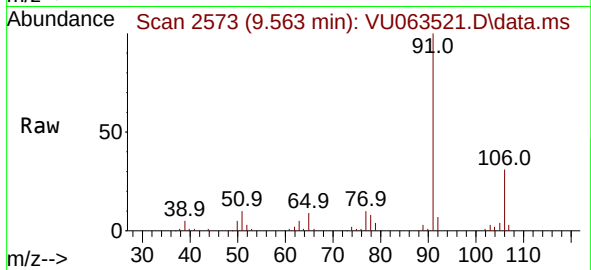
#63  
Ethyl Benzene  
Concen: 1.929 ug/l  
RT: 9.563 min Scan# 2573  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01

Tgt Ion: 91 Resp: 5362  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.4 38.0

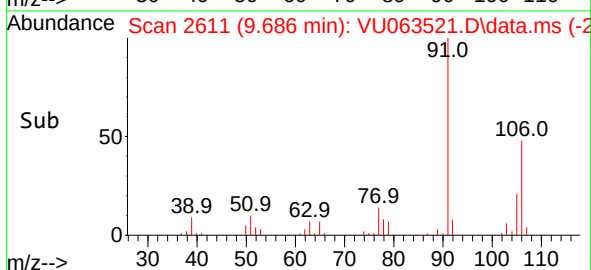
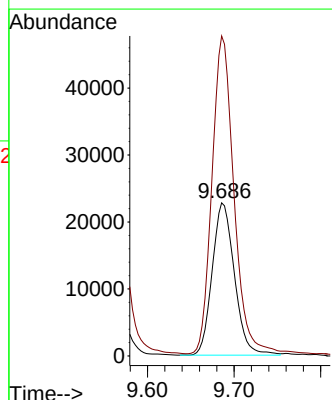
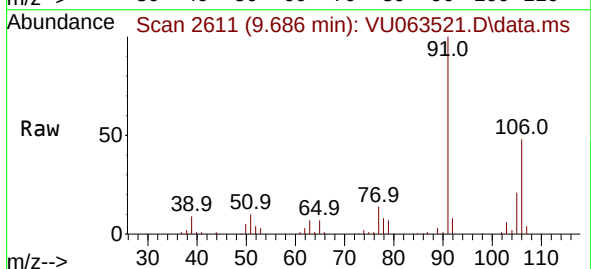
Manual Integrations  
APPROVED

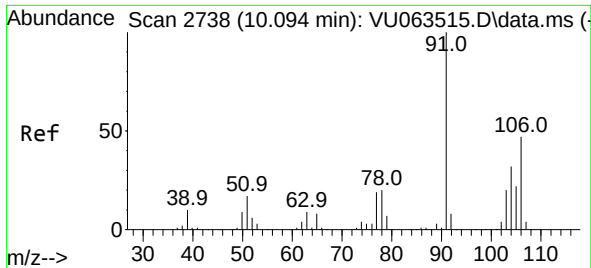
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#64  
m/p-Xylenes  
Concen: 3.770 ug/l  
RT: 9.686 min Scan# 2611  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion:106 Resp: 40731  
Ion Ratio Lower Upper  
106 100  
91 207.2 163.6 245.4





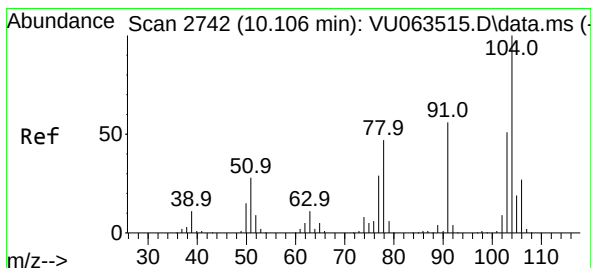
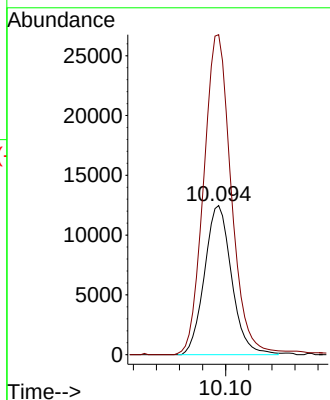
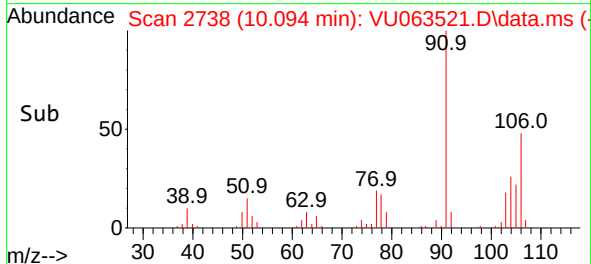
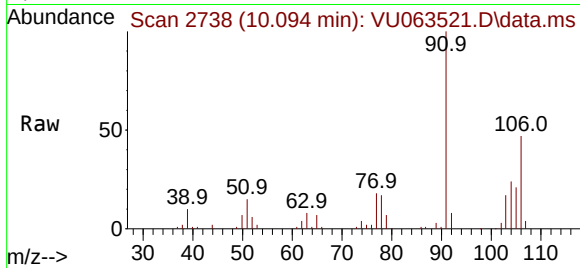
#65  
o-Xylene  
Concen: 1.957 ug/l  
RT: 10.094 min Scan# 2738  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01

Tgt Ion:106 Resp: 20319  
Ion Ratio Lower Upper  
106 100  
91 221.2 108.1 324.4

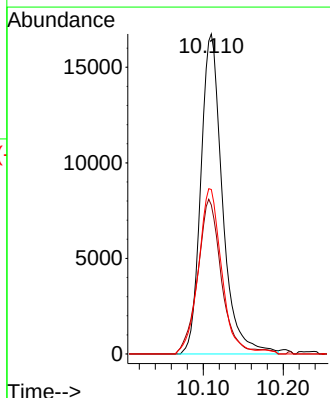
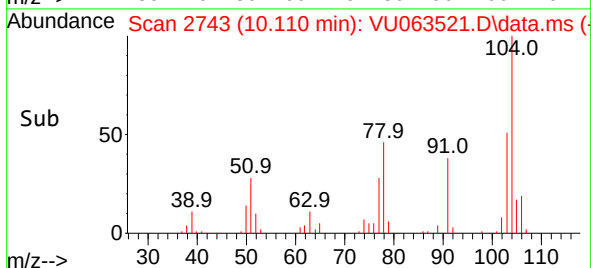
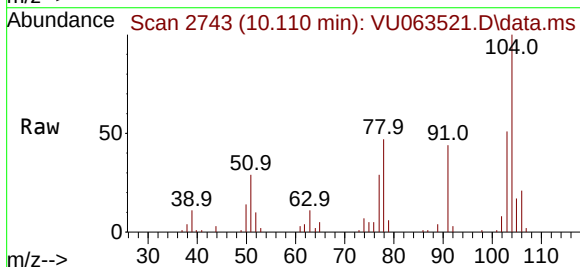
Manual Integrations  
APPROVED

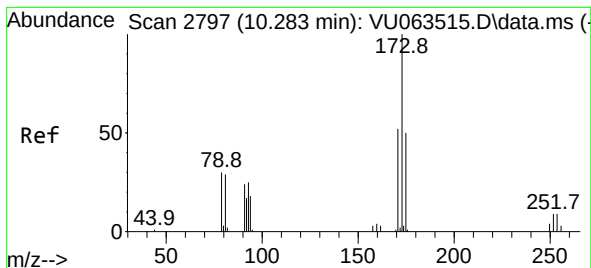
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#66  
Styrene  
Concen: 1.908 ug/l  
RT: 10.110 min Scan# 2743  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion:104 Resp: 31561  
Ion Ratio Lower Upper  
104 100  
78 53.4 41.3 61.9  
103 55.2 43.6 65.4





#67

Bromoform

Concen: 1.597 ug/l

RT: 10.284 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA\_U

ClientSampleId :

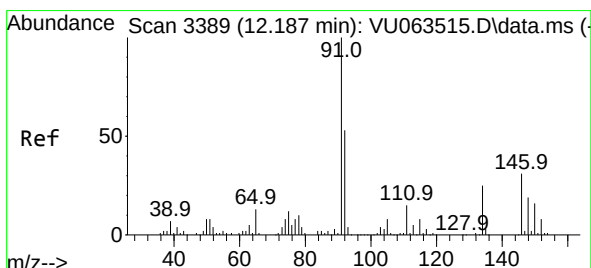
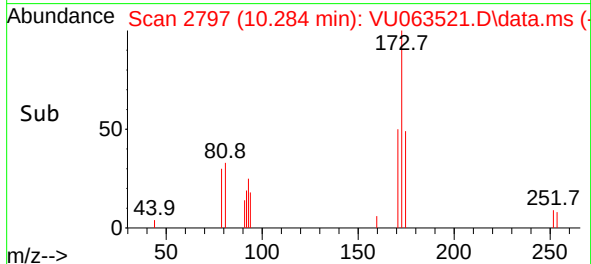
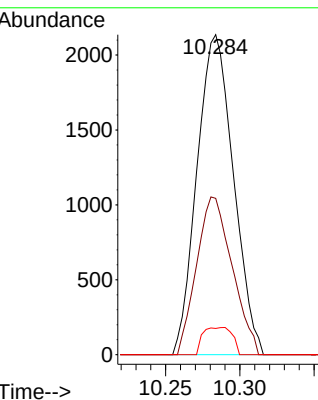
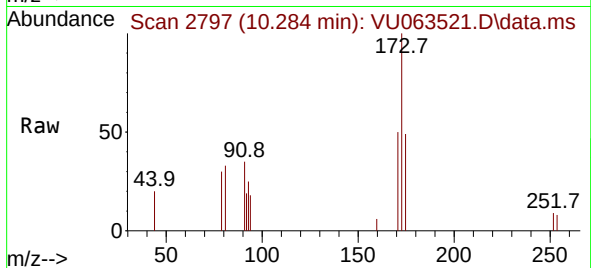
VU0717WBS01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 364  |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 48.0  | 39.0  | 58.4 |
| 254       | 6.8   | 6.5   | 9.7  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.936 ug/l

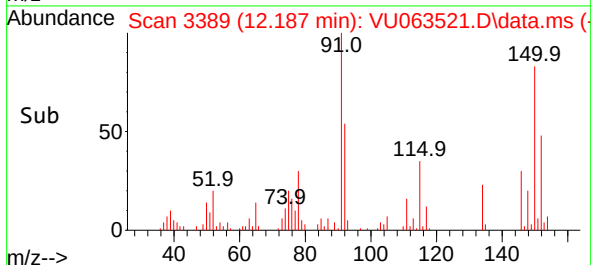
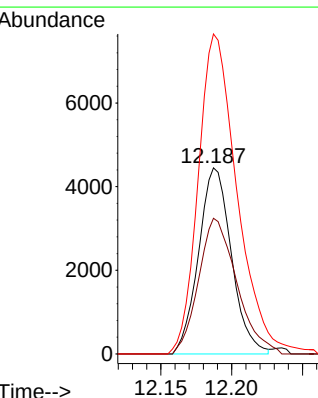
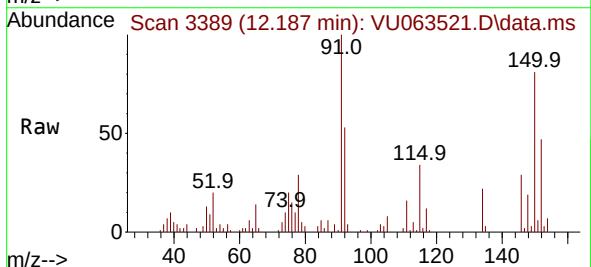
RT: 12.187 min Scan# 3389

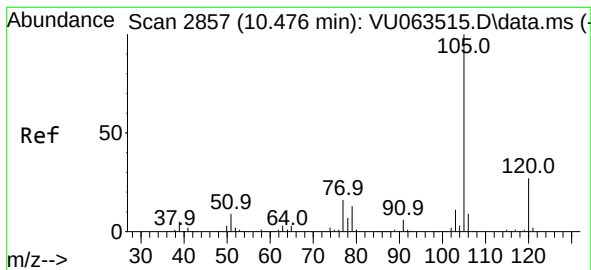
Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 7166  |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 84.6  | 0.0   | 262.2 |
| 150       | 204.2 | 0.0   | 651.2 |





#69

Isopropylbenzene

Concen: 1.952 ug/l

RT: 10.477 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA\_U

ClientSampleId :

VU0717WBS01

Tgt Ion:105 Resp: 4898

Ion Ratio Lower Upper

105 100

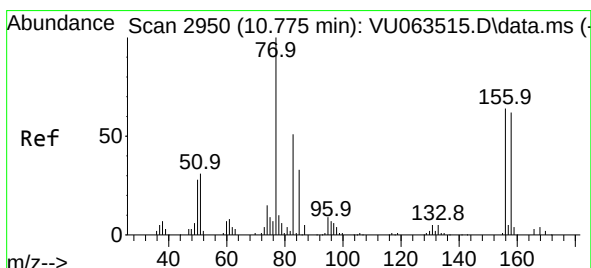
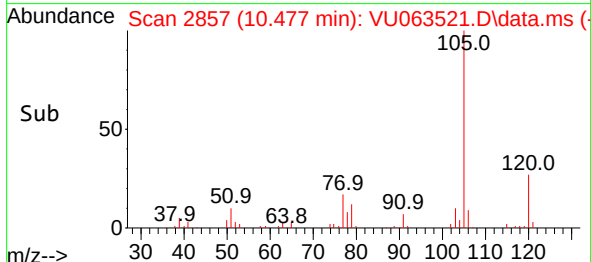
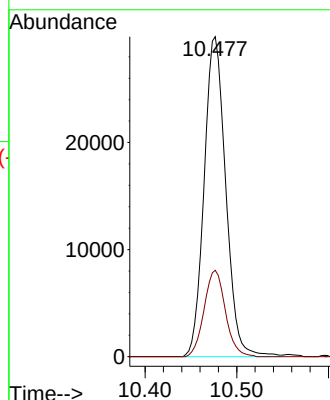
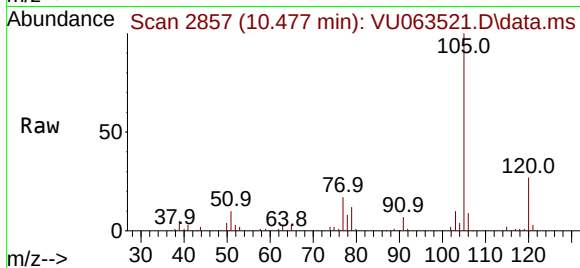
120 26.5 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 1.948 ug/l

RT: 10.776 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

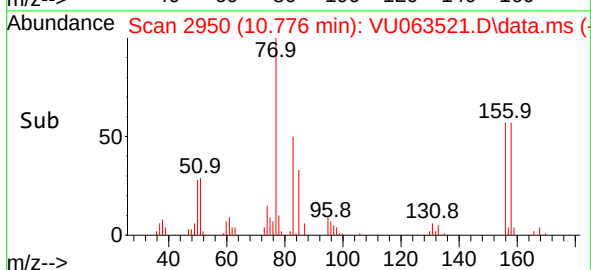
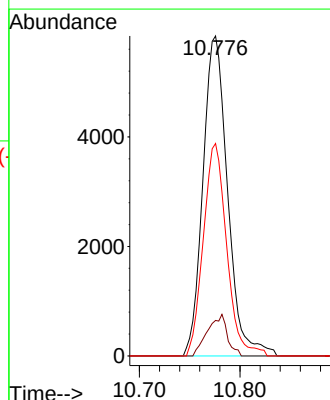
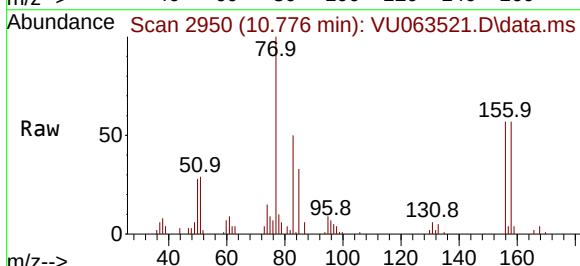
Tgt Ion: 83 Resp: 9968

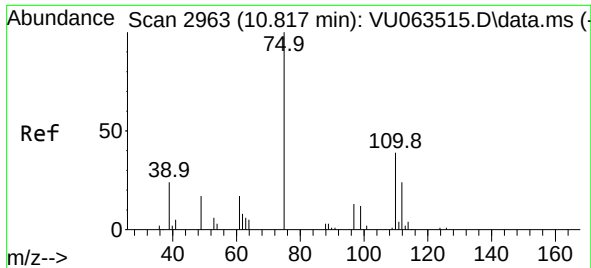
Ion Ratio Lower Upper

83 100

131 10.4 8.4 12.6

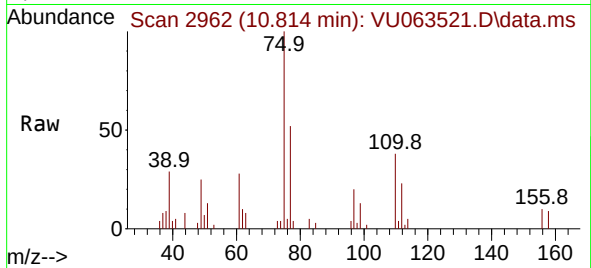
85 62.7 51.9 77.9





#71  
1,2,3-Trichloropropane  
Concen: 1.871 ug/l m  
RT: 10.814 min Scan# 2963  
Delta R.T. -0.003 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

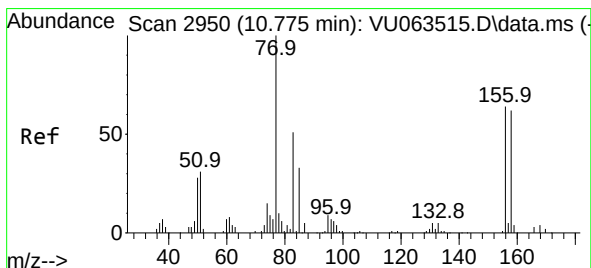
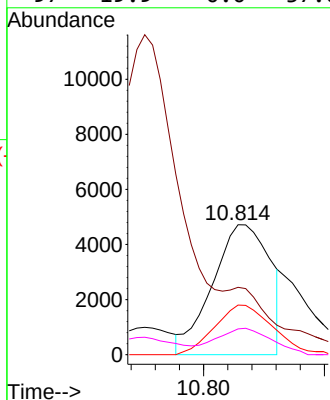
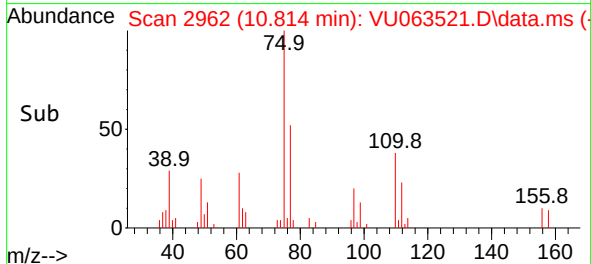
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



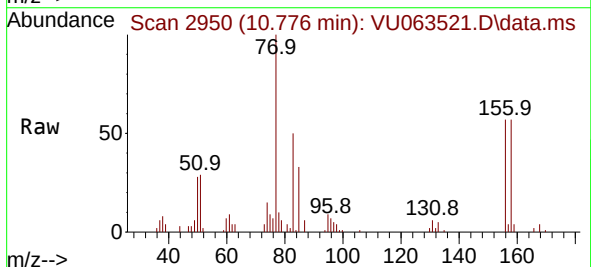
Tgt Ion: 75 Resp: 7770  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0  
110 38.8 0.0 73.2  
97 19.9 0.0 37.6

Manual Integrations  
APPROVED

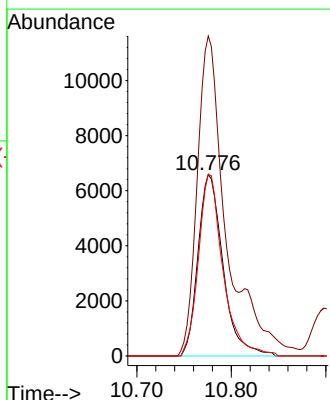
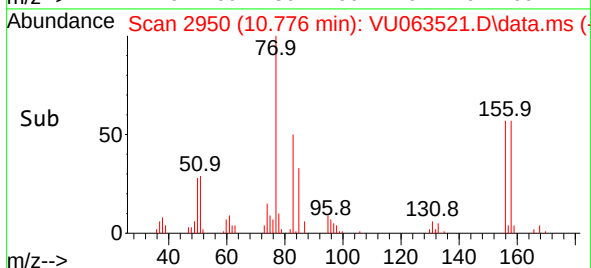
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

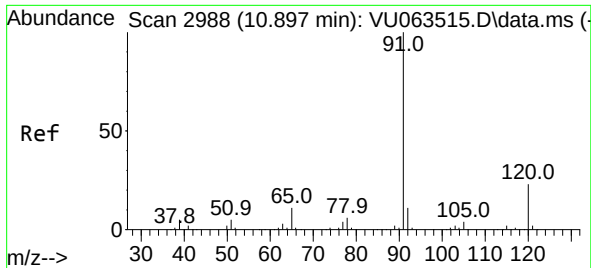


#72  
Bromobenzene  
Concen: 1.868 ug/l  
RT: 10.776 min Scan# 2950  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43



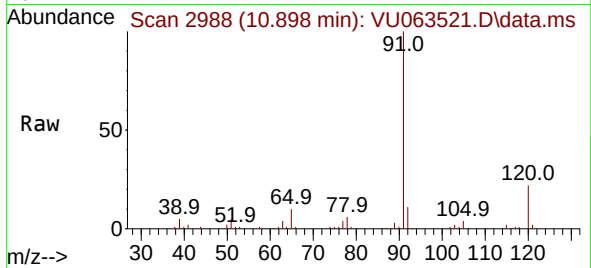
Tgt Ion:156 Resp: 12098  
Ion Ratio Lower Upper  
156 100  
77 174.0 0.0 315.2  
158 98.3 0.0 195.4





#73  
n-propylbenzene  
Concen: 1.956 ug/l  
RT: 10.898 min Scan# 2988  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

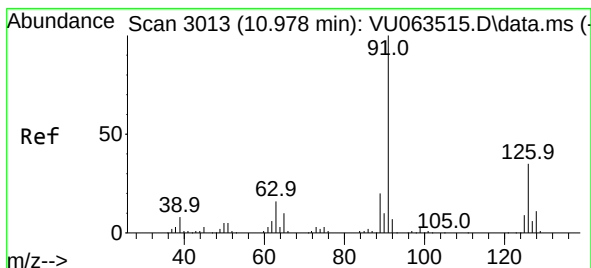
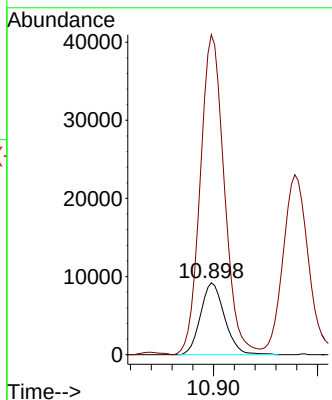
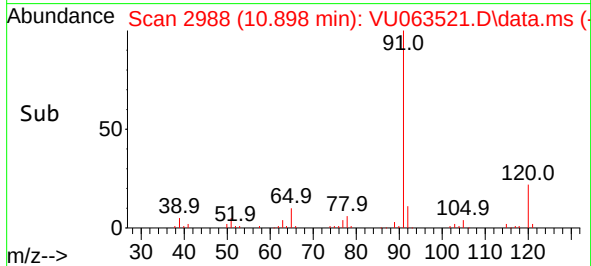
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



Tgt Ion:120 Resp: 1478  
Ion Ratio Lower Upper  
120 100  
91 446.9 343.1 514.7

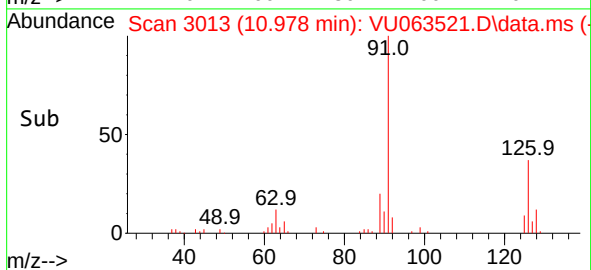
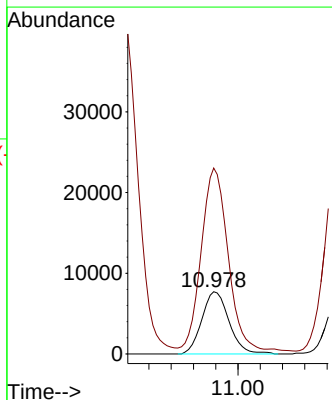
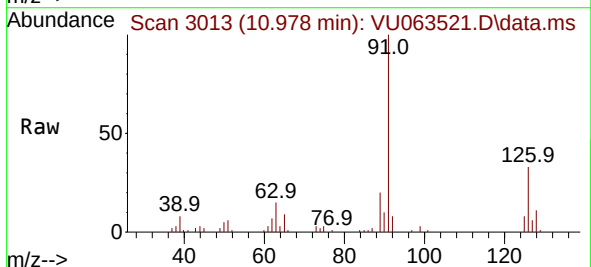
Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

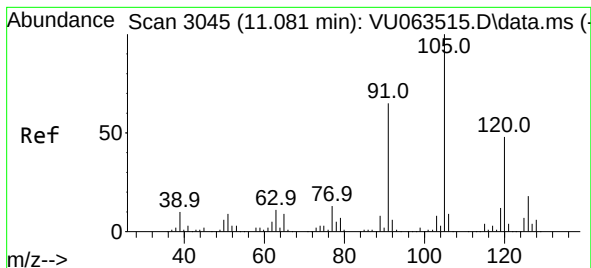


#74  
2-Chlorotoluene  
Concen: 1.957 ug/l  
RT: 10.978 min Scan# 3013  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion:126 Resp: 13064  
Ion Ratio Lower Upper  
126 100  
91 285.4 0.0 606.0







#75

1,3,5-Trimethylbenzene

Concen: 1.938 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA\_U

ClientSampleId :

VU0717WBS01

Tgt Ion:105 Resp: 46460

Ion Ratio Lower Upper

105 100

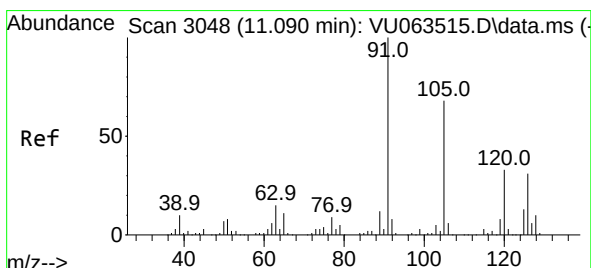
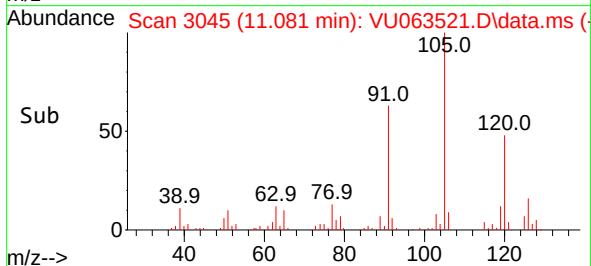
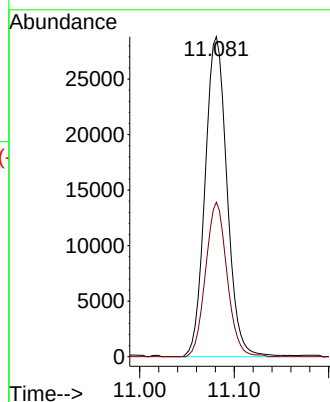
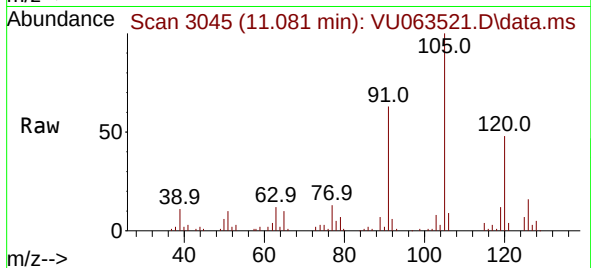
120 47.2 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#76

4-Chlorotoluene

Concen: 1.973 ug/l

RT: 11.091 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VU063521.D

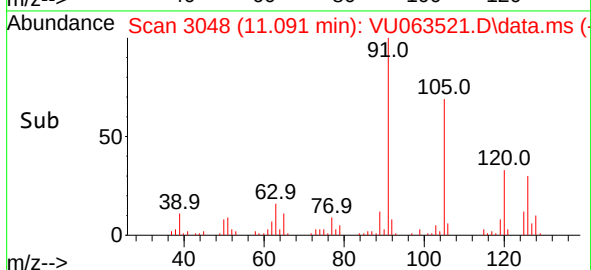
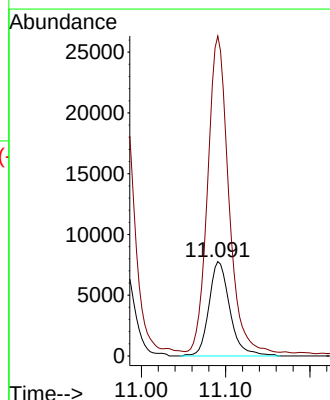
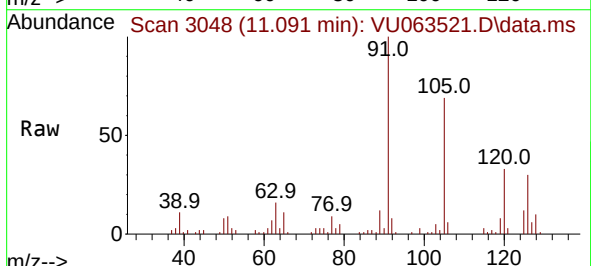
Acq: 17 Jul 2025 12:43

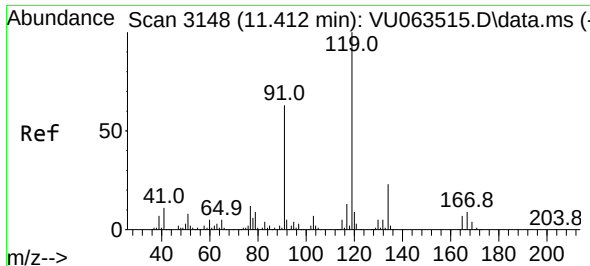
Tgt Ion:126 Resp: 13377

Ion Ratio Lower Upper

126 100

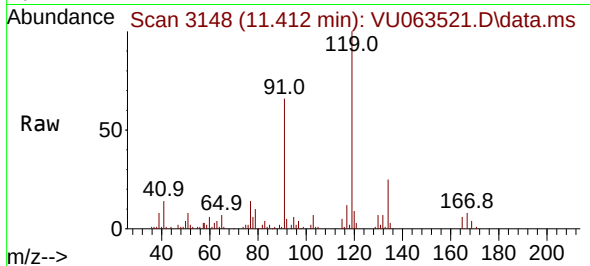
91 334.9 0.0 682.2





#77  
tert-Butylbenzene  
Concen: 1.901 ug/l  
RT: 11.412 min Scan# 3148  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

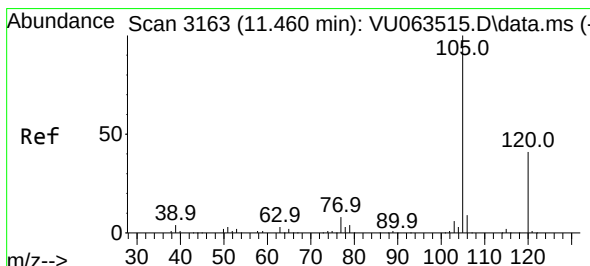
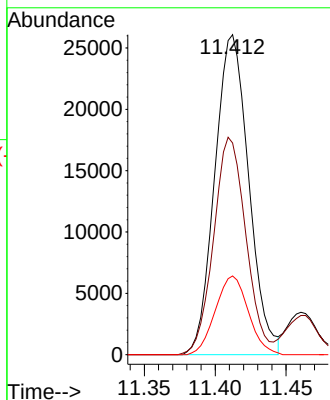
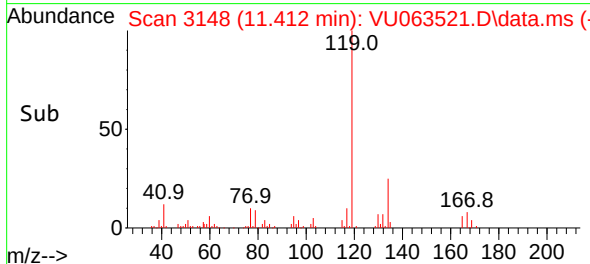
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



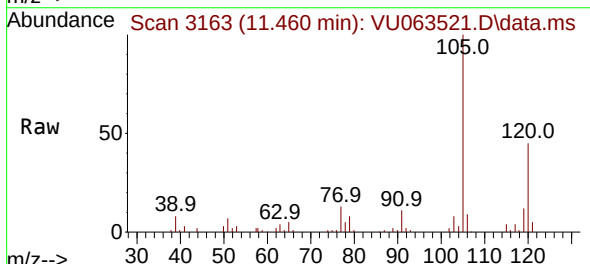
Tgt Ion:119 Resp: 43549  
Ion Ratio Lower Upper  
119 100  
91 64.8 30.7 92.1  
134 23.9 18.5 27.7

Manual Integrations  
APPROVED

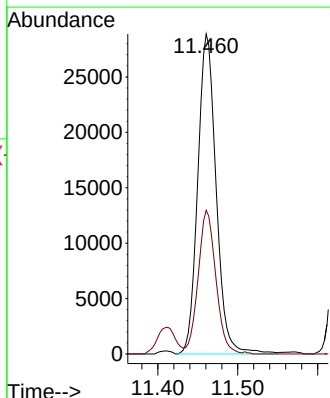
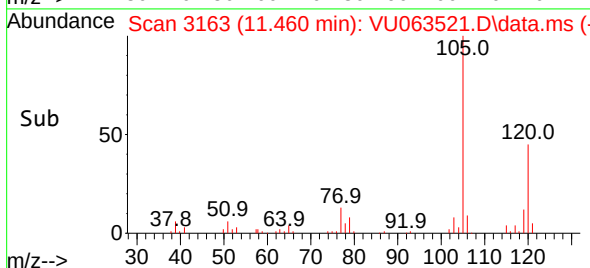
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025

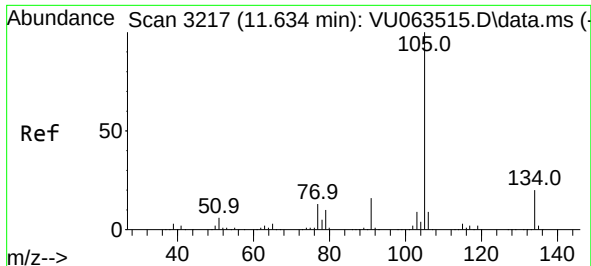


#78  
1,2,4-Trimethylbenzene  
Concen: 1.947 ug/l  
RT: 11.460 min Scan# 3163  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43



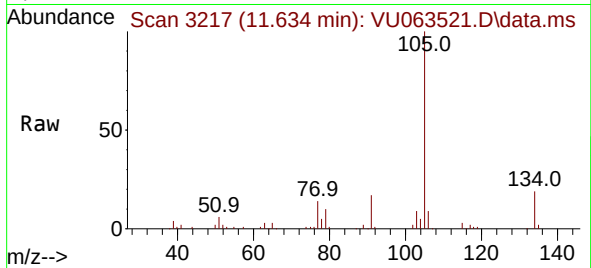
Tgt Ion:105 Resp: 46303  
Ion Ratio Lower Upper  
105 100  
120 42.6 22.7 68.0





#79  
 sec-Butylbenzene  
 Concen: 1.994 ug/l  
 RT: 11.634 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU063521.D  
 Acq: 17 Jul 2025 12:43

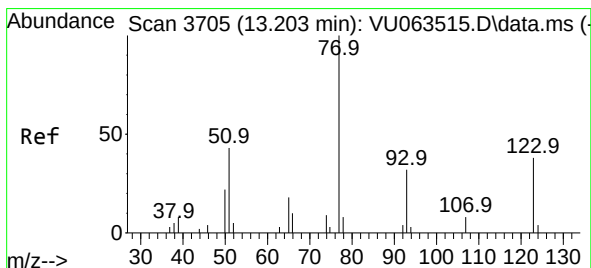
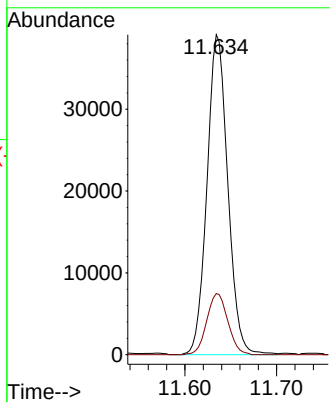
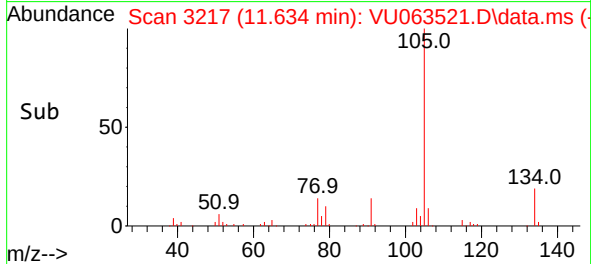
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0717WBS01



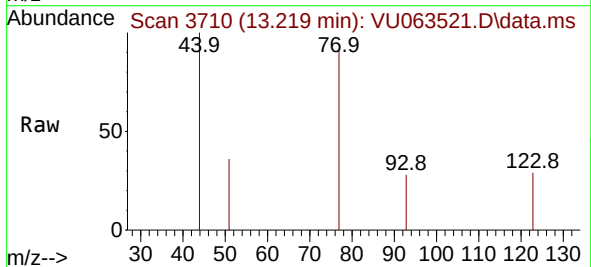
Tgt Ion:105 Resp: 61620  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 16.2 24.4

Manual Integrations  
 APPROVED

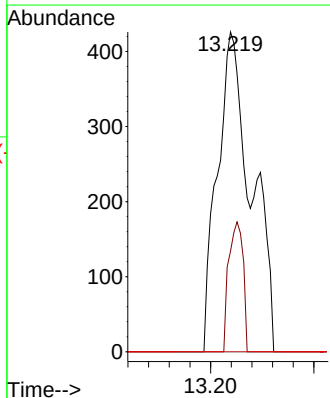
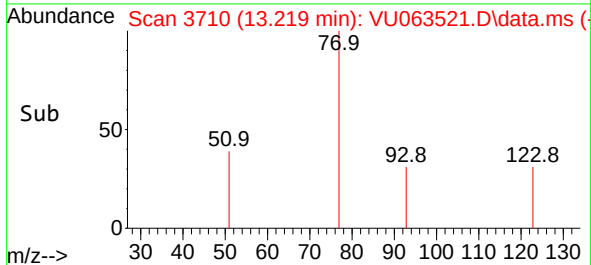
Reviewed By :Mahesh Dadoda 07/18/2025  
 Supervised By :Semsettin Yesilyurt 07/21/2025

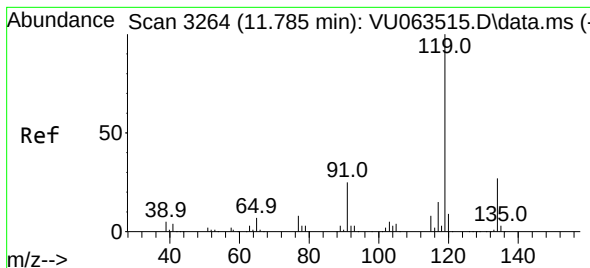


#80  
 Nitrobenzene  
 Concen: 11.740 ug/l m  
 RT: 13.219 min Scan# 3710  
 Delta R.T. 0.016 min  
 Lab File: VU063521.D  
 Acq: 17 Jul 2025 12:43



Tgt Ion: 77 Resp: 968  
 Ion Ratio Lower Upper  
 77 100  
 123 17.0 16.9 59.7  
 65 0.0 16.5 20.9#





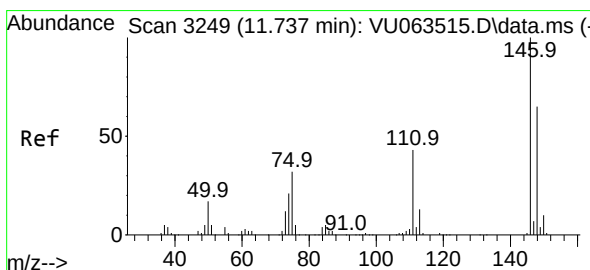
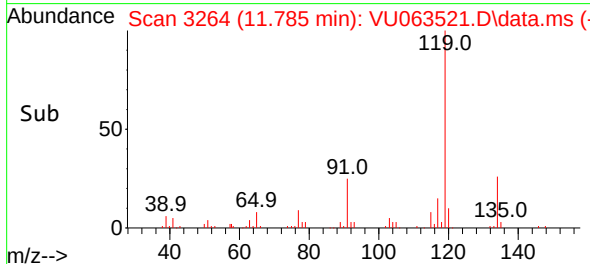
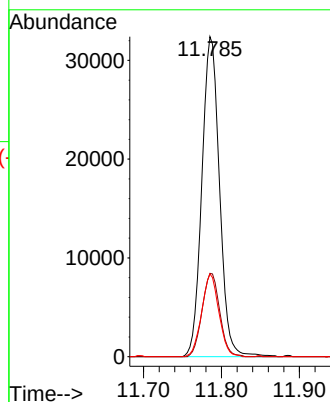
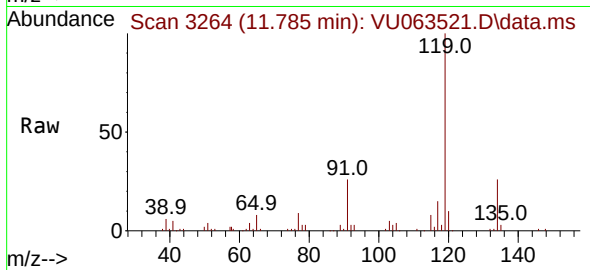
#81  
p-Isopropyltoluene  
Concen: 1.975 ug/l  
RT: 11.785 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01

Tgt Ion:119 Resp: 5094  
Ion Ratio Lower Upper  
119 100  
134 26.0 21.1 31.7  
91 25.1 19.8 29.8

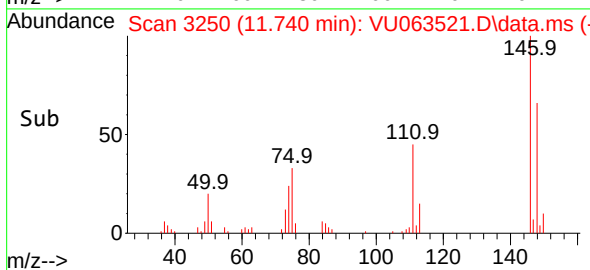
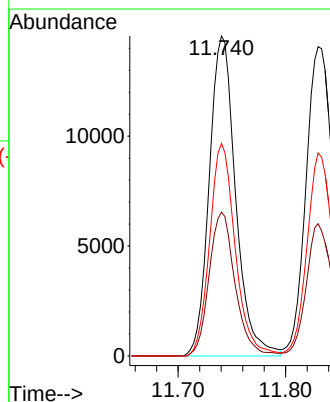
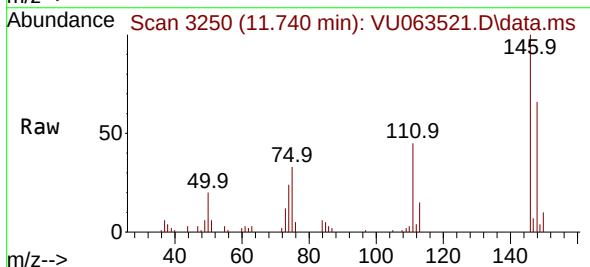
Manual Integrations  
APPROVED

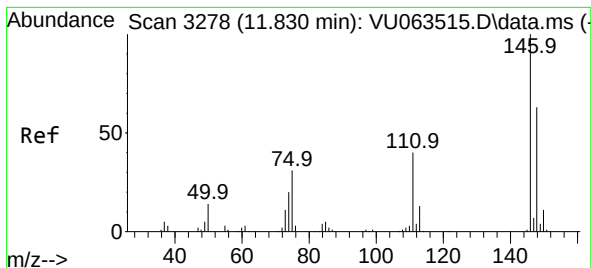
Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#82  
1,3-Dichlorobenzene  
Concen: 1.916 ug/l  
RT: 11.740 min Scan# 3250  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

Tgt Ion:146 Resp: 24826  
Ion Ratio Lower Upper  
146 100  
111 44.3 33.8 50.6  
148 64.5 51.5 77.3





#83

1,4-Dichlorobenzene

Concen: 1.944 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA\_U

ClientSampleId :

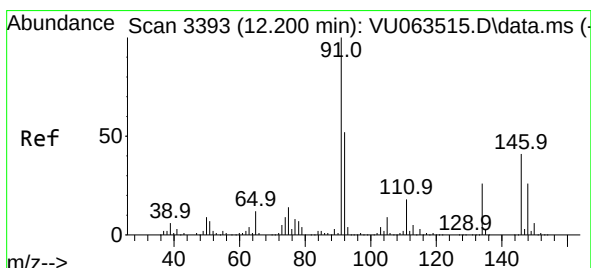
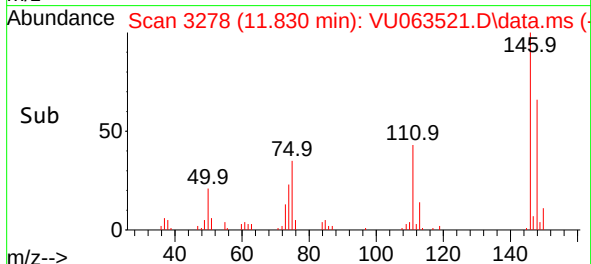
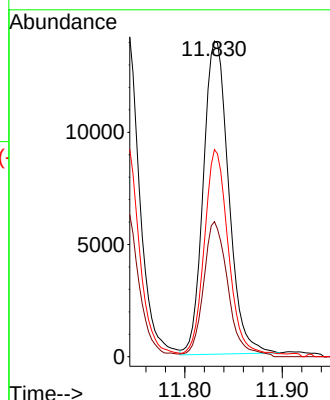
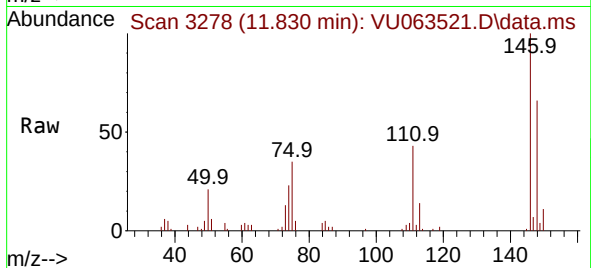
VU0717WBS01

Tgt Ion:146 Resp: 25218  
 Ion Ratio Lower Upper  
 146 100  
 111 41.7 32.0 48.0  
 148 61.9 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025  
 Supervised By :Semsettin Yesilyurt 07/21/2025



#84

n-Butylbenzene

Concen: 2.011 ug/l

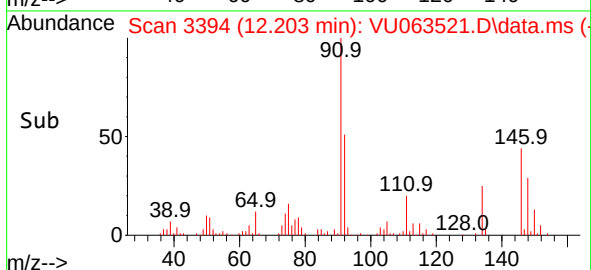
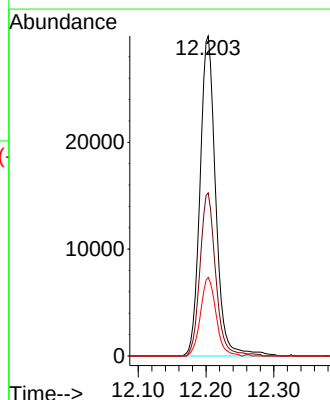
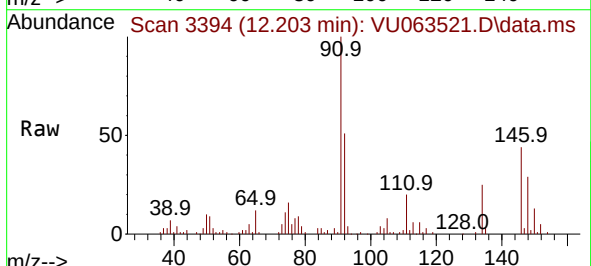
RT: 12.203 min Scan# 3394

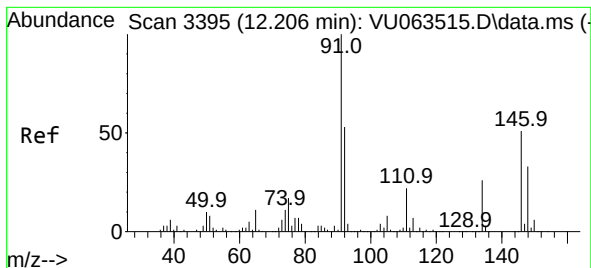
Delta R.T. 0.003 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Tgt Ion: 91 Resp: 48117  
 Ion Ratio Lower Upper  
 91 100  
 92 51.1 41.5 62.3  
 134 24.2 20.6 30.8





#85

1,2-Dichlorobenzene

Concen: 1.930 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA\_U

ClientSampleId :

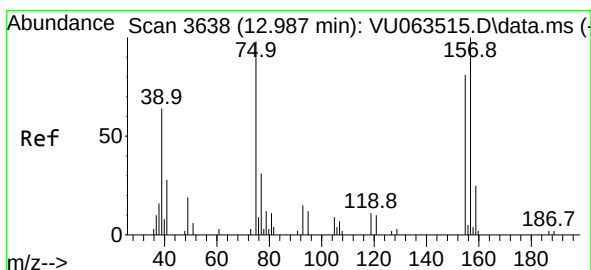
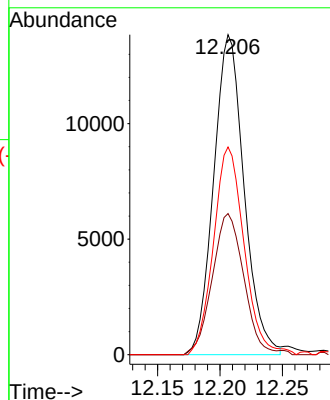
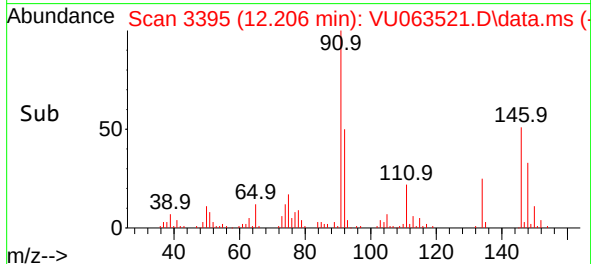
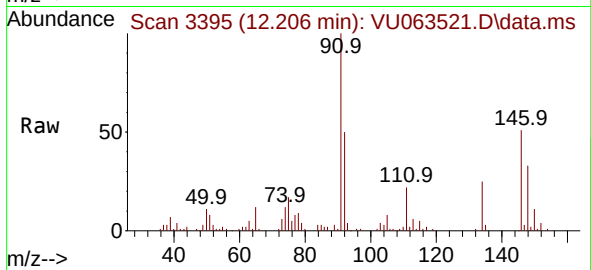
VU0717WBS01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 146   | Resp: | 2350 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 111       | 45.8  | 21.7  | 65.1 |
| 148       | 65.4  | 31.8  | 95.3 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.706 ug/l

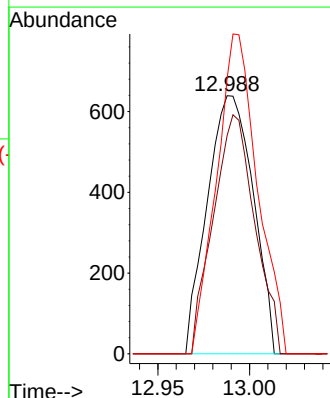
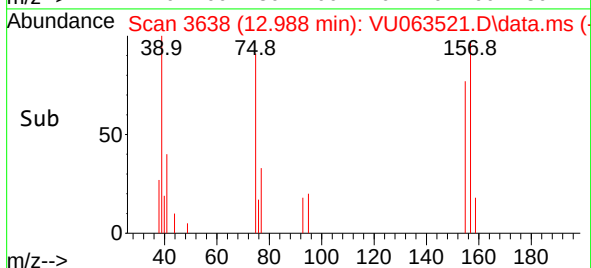
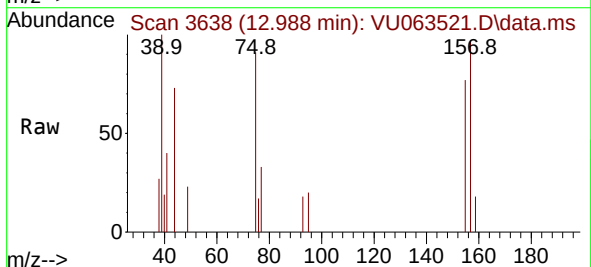
RT: 12.988 min Scan# 3638

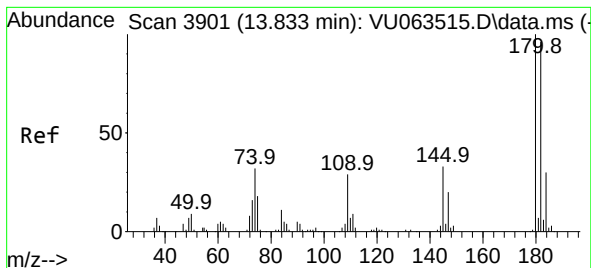
Delta R.T. 0.001 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 1114  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 83.8  | 65.8  | 98.6  |
| 157       | 110.8 | 81.4  | 122.2 |





#87

1,2,4-Trichlorobenzene

Concen: 1.850 ug/l

RT: 13.837 min Scan# 3901

Delta R.T. 0.004 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA\_U

ClientSampleId :

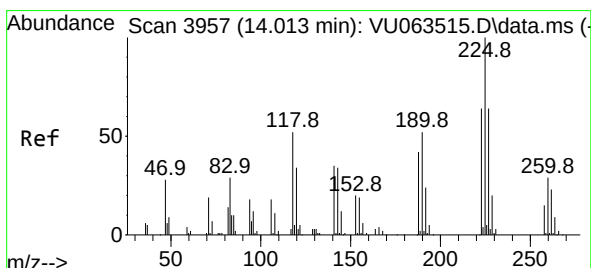
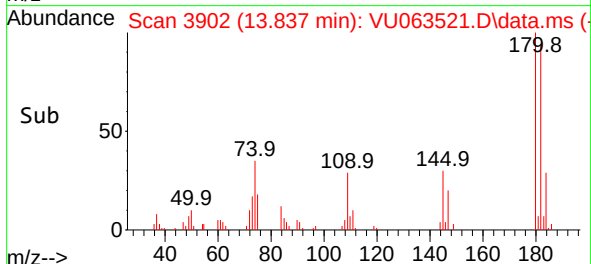
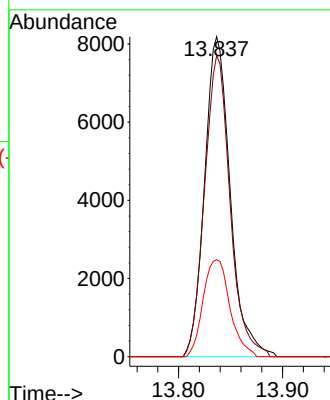
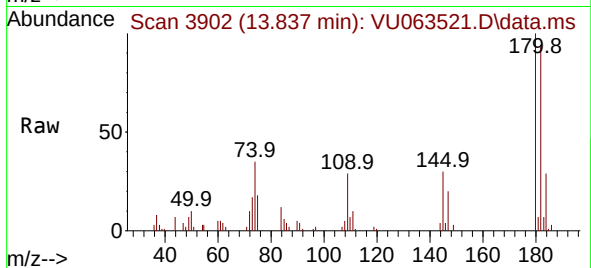
VU0717WBS01

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 1400       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 93.7  | 76.2 114.4 |
| 145         | 31.6  | 26.2 39.2  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#88

Hexachlorobutadiene

Concen: 1.921 ug/l

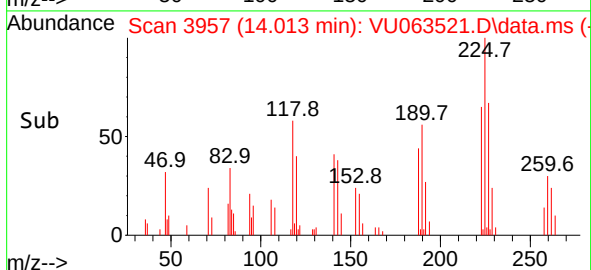
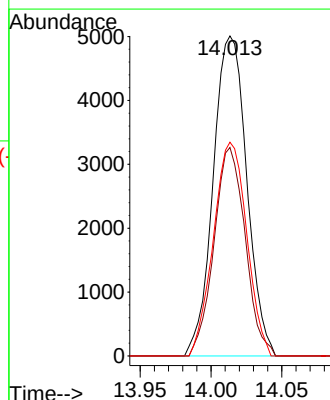
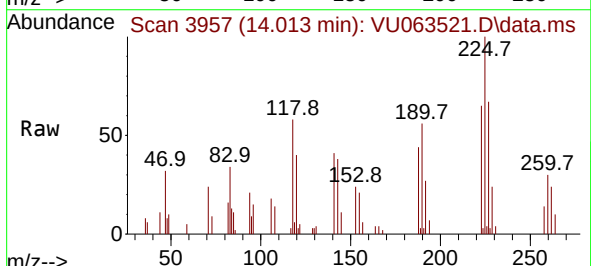
RT: 14.013 min Scan# 3957

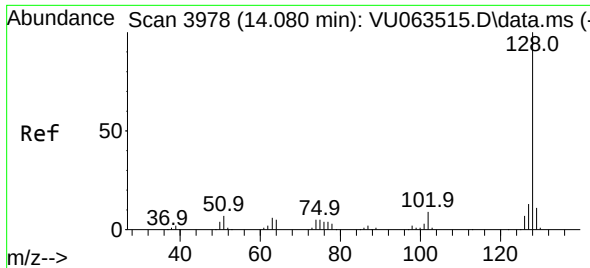
Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

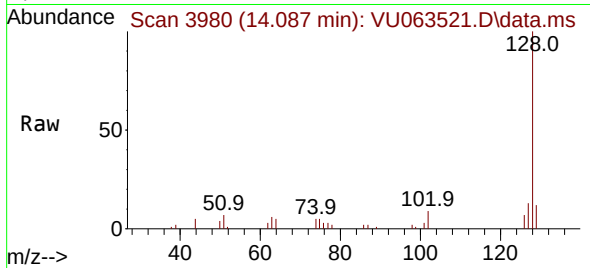
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 8260      |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 60.6  | 50.8 76.2 |
| 227         | 66.2  | 51.0 76.6 |





#89  
Naphthalene  
Concen: 1.802 ug/l  
RT: 14.087 min Scan# 3978  
Delta R.T. 0.007 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43

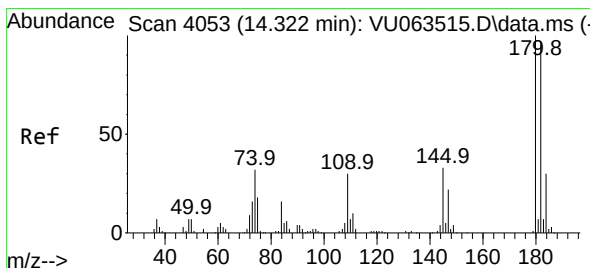
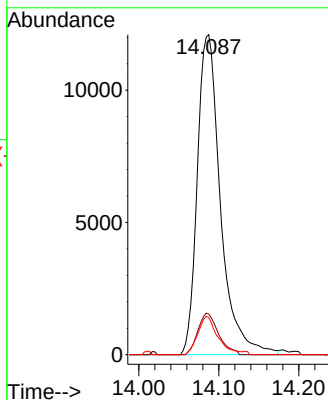
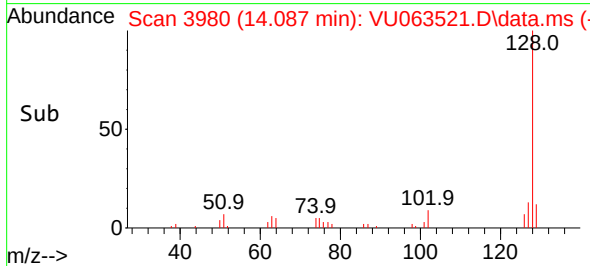
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0717WBS01



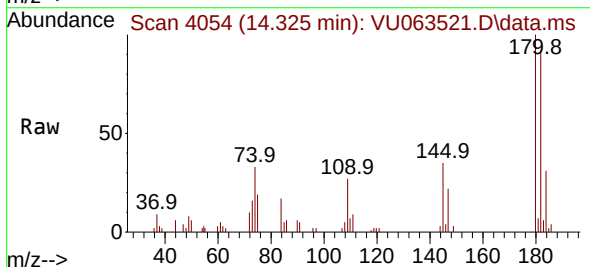
Tgt Ion:128 Resp: 24449  
Ion Ratio Lower Upper  
128 100  
127 11.5 10.2 15.4  
129 10.5 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025  
Supervised By :Semsettin Yesilyurt 07/21/2025



#90  
1,2,3-Trichlorobenzene  
Concen: 1.836 ug/l  
RT: 14.325 min Scan# 4054  
Delta R.T. 0.004 min  
Lab File: VU063521.D  
Acq: 17 Jul 2025 12:43



Tgt Ion:180 Resp: 12843  
Ion Ratio Lower Upper  
180 100  
182 93.4 78.0 117.0  
145 34.0 27.3 40.9

