

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101824\  
 Data File : VU061156.D  
 Acq On : 18 Oct 2024 10:26  
 Operator : MD/SY  
 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

Manual Integrations  
 APPROVED

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

Quant Time: Oct 18 23:45:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U101724DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Fri Oct 18 02:52:28 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units    | Dev(Min) |
|------------------------------|--------|------|----------|---------|----------|----------|
| -----                        |        |      |          |         |          |          |
| Internal Standards           |        |      |          |         |          |          |
| 1) Fluorobenzene             | 6.110  | 96   | 28257    | 1.000   | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |         |          |          |
| 57) 4-Bromofluorobenzene     | 10.627 | 95   | 15374    | 1.024   | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 102.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.184 | 152  | 15712    | 1.062   | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 106.000% |          |
| Target Compounds             |        |      |          |         |          |          |
|                              |        |      |          |         |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.383  | 85   | 171727   | 11.034  | ug/l     | 98       |
| 3) Chloromethane             | 1.515  | 50   | 162216   | 10.956  | ug/l     | 99       |
| 4) Vinyl Chloride            | 1.599  | 62   | 170376   | 11.204  | ug/l     | 99       |
| 5) Bromomethane              | 1.853  | 94   | 104352   | 10.921  | ug/l     | 99       |
| 6) Chloroethane              | 1.930  | 64   | 118524   | 11.631  | ug/l     | 99       |
| 7) Trichlorofluoromethane    | 2.129  | 101  | 275832   | 12.751  | ug/l     | 98       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.573  | 101  | 119116   | 11.075  | ug/l     | 97       |
| 9) 1,1-Dichloroethene        | 2.570  | 96   | 127380   | 11.361  | ug/l     | 99       |
| 10) Iodomethane              | 2.714  | 142  | 175268   | 10.945  | ug/l     | 100      |
| 11) Allyl Chloride           | 2.914  | 41   | 158931   | 11.005  | ug/l     | 100      |
| 12) Acrylonitrile            | 3.319  | 53   | 51006    | 22.621  | ug/l     | 99       |
| 13) Acetone                  | 2.647  | 43   | 160440   | 54.555  | ug/l     | 98       |
| 14) Carbon Disulfide         | 2.785  | 76   | 422911   | 10.948  | ug/l     | 100      |
| 15) Methylene Chloride       | 3.036  | 84   | 143968   | 9.922   | ug/l     | 99       |
| 16) trans-1,2-Dichloroethene | 3.341  | 96   | 144520   | 10.992  | ug/l     | 100      |
| 17) 1,1-Dichloroethane       | 3.856  | 63   | 260346   | 11.168  | ug/l     | 99       |
| 18) 2-Butanone               | 4.708  | 43   | 195840   | 54.387  | ug/l     | 100      |
| 19) Cyclohexane              | 5.377  | 56   | 227284m  | 10.884  | ug/l     |          |
| 20) Methylcyclohexane        | 6.753  | 83   | 258537   | 11.104  | ug/l     | 99       |
| 21) 2,2-Dichloropropane      | 4.653  | 77   | 231401   | 10.760  | ug/l     | 99       |
| 22) cis-1,2-Dichloroethene   | 4.656  | 96   | 159471   | 11.133  | ug/l     | 100      |
| 23) Diethyl Ether            | 2.370  | 59   | 95517    | 10.964  | ug/l     | 99       |
| 24) tert-Butyl Alcohol       | 3.261  | 59   | 115511m  | 127.077 | ug/l     |          |
| 25) Methyl tert-Butyl Ether  | 3.354  | 73   | 334794   | 11.147  | ug/l     | 99       |
| 26) Bromochloromethane       | 4.962  | 128  | 67512    | 11.271  | ug/l     | 97       |
| 27) Chloroform               | 5.078  | 83   | 274129   | 11.213  | ug/l     | 99       |
| 28) 1,1,1-Trichloroethane    | 5.306  | 97   | 239323   | 11.104  | ug/l     | 99       |
| 29) 1,1-Dichloropropene      | 5.515  | 75   | 208099   | 10.922  | ug/l     | 100      |
| 30) Carbon Tetrachloride     | 5.515  | 117  | 209834   | 11.221  | ug/l     | 100      |
| 31) Isopropyl Ether          | 3.981  | 45   | 374132   | 11.249  | ug/l     | 100      |
| 32) Ethyl-t-butyl ether      | 4.489  | 59   | 386479   | 11.302  | ug/l     | 99       |
| 33) Tert-Amyl methyl ether   | 5.930  | 73   | 356976   | 11.598  | ug/l     | 99       |
| 34) Propionitrile            | 4.792  | 54   | 50323    | 58.579  | ug/l     | # 98     |
| 35) Benzene                  | 5.763  | 78   | 604699   | 11.274  | ug/l     | 100      |
| 36) 1,2-Dichloroethane       | 5.785  | 62   | 168469   | 11.124  | ug/l     | 99       |
| 37) Trichloroethene          | 6.534  | 130  | 157959   | 11.033  | ug/l     | 100      |
| 38) 1,2-Dichloropropane      | 6.782  | 63   | 152731   | 11.242  | ug/l     | 99       |
| 39) Methacrylonitrile        | 4.968  | 41   | 36684    | 11.857  | ug/l     | 97       |
| 40) Methyl acrylate          | 4.843  | 55   | 69596    | 11.093  | ug/l     | 99       |
| 41) Tetrahydrofuran          | 5.058  | 42   | 39036    | 21.008  | ug/l     | 97       |
| 42) 1-Chlorobutane           | 5.447  | 56   | 269923   | 11.045  | ug/l     | 99       |
| 43) Dibromomethane           | 6.910  | 93   | 77576    | 11.012  | ug/l     | 99       |
| 44) Bromodichloromethane     | 7.097  | 83   | 192965   | 11.265  | ug/l     | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101824\  
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 Acq On : 18 Oct 2024 10:26  
 Operator : MD/SY  
 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

Manual Integrations  
 APPROVED

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

Quant Time: Oct 18 23:45:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U101724DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Fri Oct 18 02:52:28 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.782  | 43   | 388895   | 54.996 | ug/l  | 100      |
| 46) t-1,4-Dichloro-2-butene   | 10.830 | 75   | 61162m   | 21.692 | ug/l  |          |
| 47) Methyl methacrylate       | 6.952  | 69   | 141553   | 23.121 | ug/l  | 99       |
| 48) Ethyl methacrylate        | 8.325  | 69   | 149301   | 11.437 | ug/l  | 100      |
| 49) Toluene                   | 7.962  | 92   | 382712   | 11.294 | ug/l  | 100      |
| 50) t-1,3-Dichloropropene     | 8.203  | 75   | 189548   | 11.477 | ug/l  | 98       |
| 51) cis-1,3-Dichloropropene   | 7.598  | 75   | 232124   | 11.455 | ug/l  | 99       |
| 52) 1,1,2-Trichloroethane     | 8.393  | 97   | 106237   | 11.182 | ug/l  | 100      |
| 53) 1,3-Dichloropropane       | 8.566  | 76   | 185529   | 11.118 | ug/l  | 99       |
| 54) 2-Hexanone                | 8.679  | 43   | 310141   | 53.389 | ug/l  | 100      |
| 55) Dibromochloromethane      | 8.801  | 129  | 129438   | 11.541 | ug/l  | 99       |
| 56) 1,2-Dibromoethane         | 8.914  | 107  | 101748   | 11.162 | ug/l  | 98       |
| 58) Tetrachloroethene         | 8.547  | 164  | 133360   | 10.986 | ug/l  | 99       |
| 59) Chlorobenzene             | 9.438  | 112  | 406510   | 11.137 | ug/l  | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.524  | 131  | 141516   | 11.492 | ug/l  | 98       |
| 61) Pentachloroethane         | 11.418 | 117  | 111509   | 11.833 | ug/l  | 100      |
| 62) Hexachloroethane          | 12.466 | 117  | 115959   | 11.943 | ug/l  | 99       |
| 63) Ethyl Benzene             | 9.563  | 91   | 732843   | 11.207 | ug/l  | 100      |
| 64) m/p-Xylenes               | 9.685  | 106  | 559613   | 22.486 | ug/l  | 99       |
| 65) o-Xylene                  | 10.094 | 106  | 276285   | 11.271 | ug/l  | 99       |
| 66) Styrene                   | 10.106 | 104  | 441977   | 11.593 | ug/l  | 99       |
| 67) Bromoform                 | 10.283 | 173  | 69415    | 11.819 | ug/l  | 98       |
| 69) Isopropylbenzene          | 10.476 | 105  | 655838   | 11.247 | ug/l  | 99       |
| 70) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 131940   | 11.434 | ug/l  | 99       |
| 71) 1,2,3-Trichloropropane    | 10.817 | 75   | 101290m  | 10.778 | ug/l  |          |
| 72) Bromobenzene              | 10.775 | 156  | 154990   | 11.054 | ug/l  | 100      |
| 73) n-propylbenzene           | 10.897 | 120  | 196066   | 11.522 | ug/l  | 98       |
| 74) 2-Chlorotoluene           | 10.978 | 126  | 166142   | 11.289 | ug/l  | 100      |
| 75) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 601339   | 11.437 | ug/l  | 100      |
| 76) 4-Chlorotoluene           | 11.090 | 126  | 169405   | 11.326 | ug/l  | 99       |
| 77) tert-Butylbenzene         | 11.412 | 119  | 594280   | 11.435 | ug/l  | 100      |
| 78) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 607942   | 11.453 | ug/l  | 100      |
| 79) sec-Butylbenzene          | 11.634 | 105  | 775991   | 11.466 | ug/l  | 100      |
| 80) Nitrobenzene              | 13.206 | 77   | 16017m   | 48.625 | ug/l  |          |
| 81) p-Isopropyltoluene        | 11.785 | 119  | 645371   | 11.518 | ug/l  | 99       |
| 82) 1,3-Dichlorobenzene       | 11.737 | 146  | 306333   | 11.387 | ug/l  | 100      |
| 83) 1,4-Dichlorobenzene       | 11.830 | 146  | 307346   | 11.459 | ug/l  | 99       |
| 84) n-Butylbenzene            | 12.200 | 91   | 610936   | 11.752 | ug/l  | 99       |
| 85) 1,2-Dichlorobenzene       | 12.206 | 146  | 286459   | 11.390 | ug/l  | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.987 | 75   | 20665    | 12.069 | ug/l  | 97       |
| 87) 1,2,4-Trichlorobenzene    | 13.833 | 180  | 175093   | 12.173 | ug/l  | 98       |
| 88) Hexachlorobutadiene       | 14.013 | 225  | 93396    | 11.483 | ug/l  | 99       |
| 89) Naphthalene               | 14.077 | 128  | 310641   | 12.238 | ug/l  | 100      |
| 90) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 153812   | 11.903 | ug/l  | 99       |

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

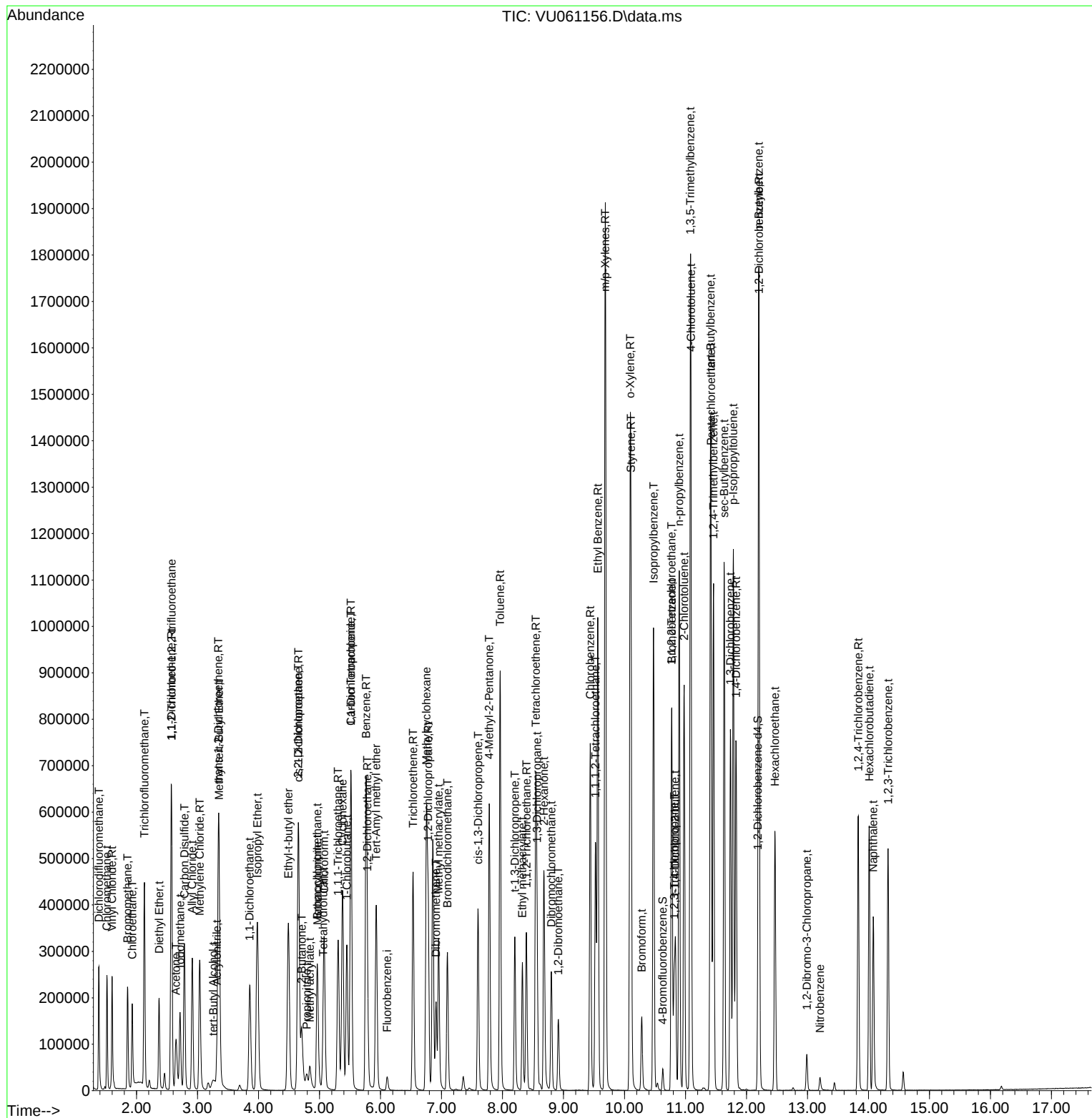
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101824\  
 Data File : VU061156.D  
 Acq On : 18 Oct 2024 10:26  
 Operator : MD/SY  
 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

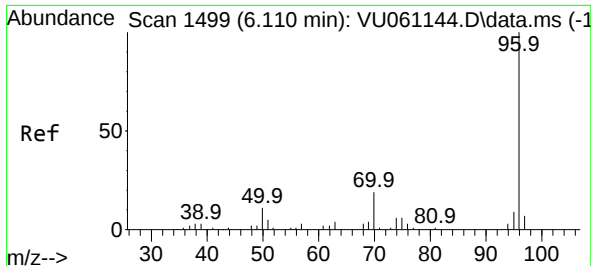
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

### Manual Integrations APPROVED

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

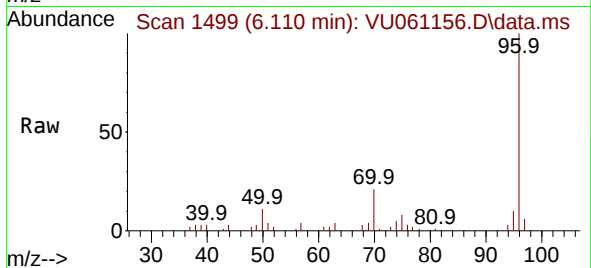
Quant Time: Oct 18 23:45:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U101724DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Fri Oct 18 02:52:28 2024  
 Response via : Initial Calibration





#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.110 min Scan# 1499  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

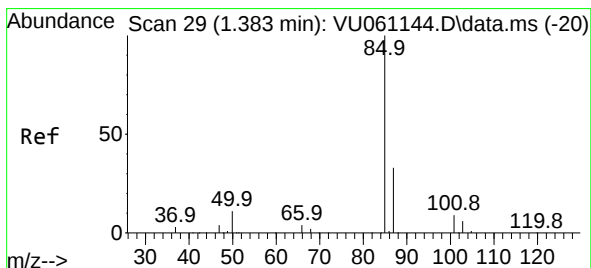
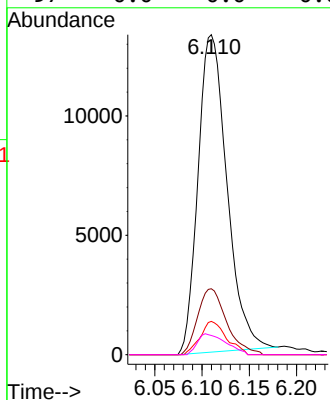
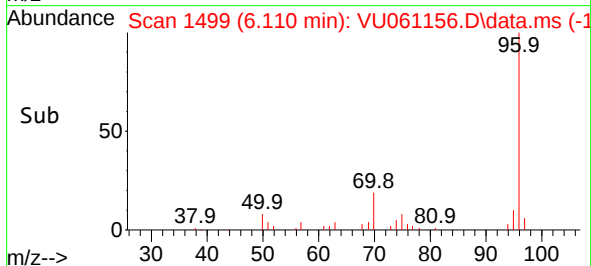
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



| Tgt Ion: | 96    | Resp: | 2825  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 20.8  | 16.1  | 24.1  |
| 95       | 0.0   | 0.0   | 0.0   |
| 97       | 0.0   | 0.0   | 0.0   |

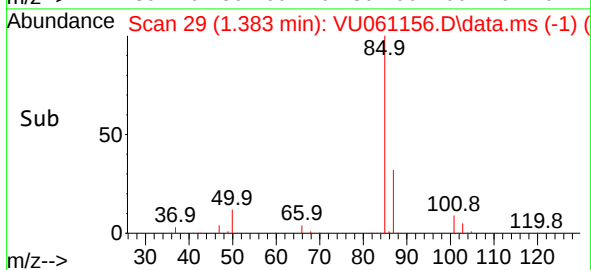
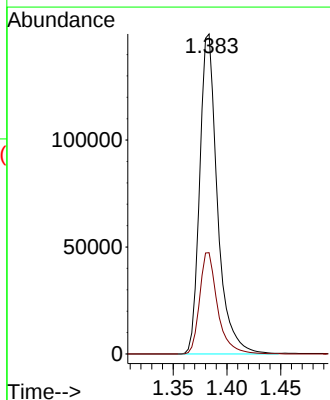
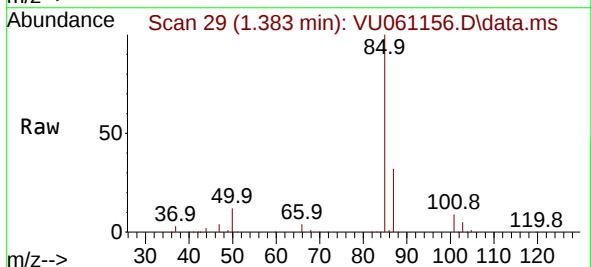
Manual Integrations  
APPROVED

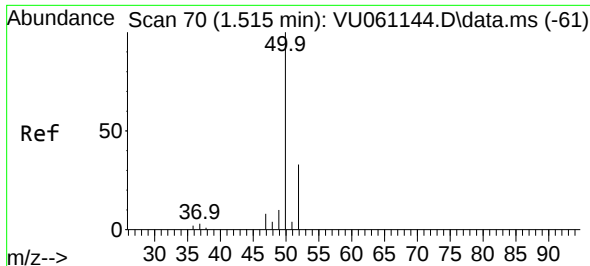
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#2  
Dichlorodifluoromethane  
Concen: 11.034 ug/l  
RT: 1.383 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

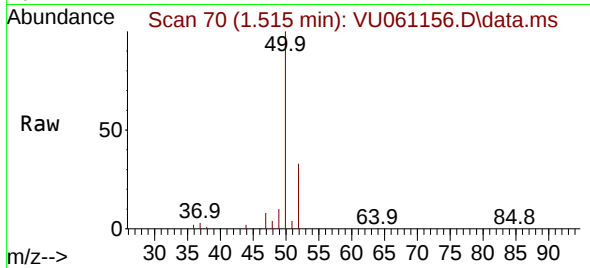
| Tgt Ion: | 85    | Resp: | 171727 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 85       | 100   |       |        |
| 87       | 31.7  | 16.3  | 48.9   |





#3  
Chloromethane  
Concen: 10.956 ug/l  
RT: 1.515 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

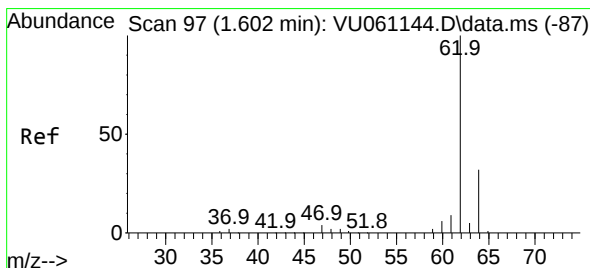
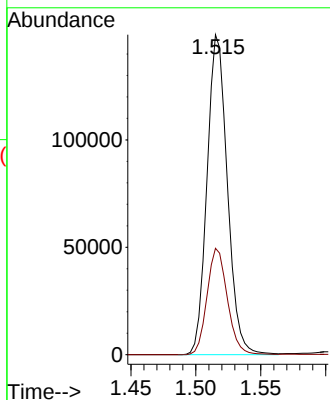
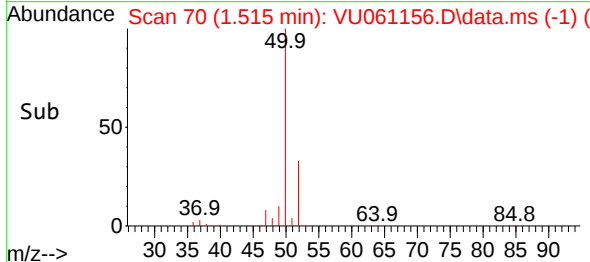
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 50 Resp: 162210  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.2 39.2

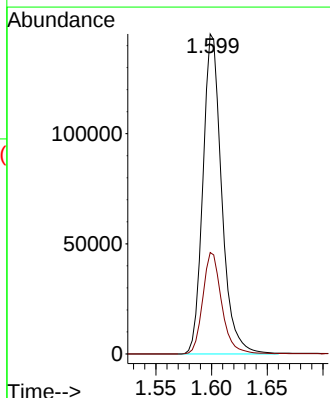
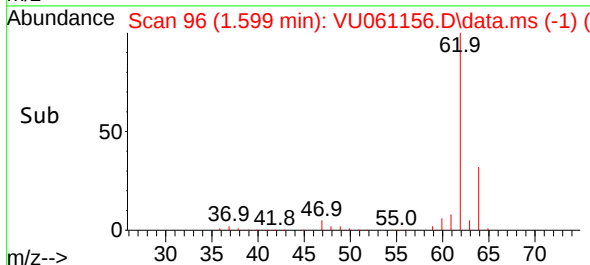
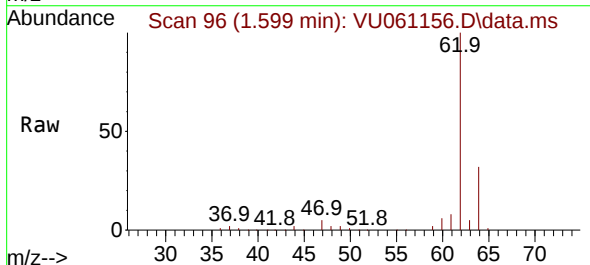
Manual Integrations  
APPROVED

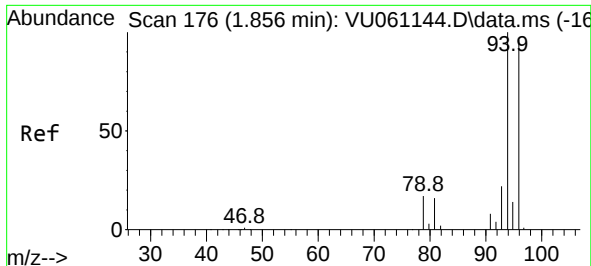
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#4  
Vinyl Chloride  
Concen: 11.204 ug/l  
RT: 1.599 min Scan# 96  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

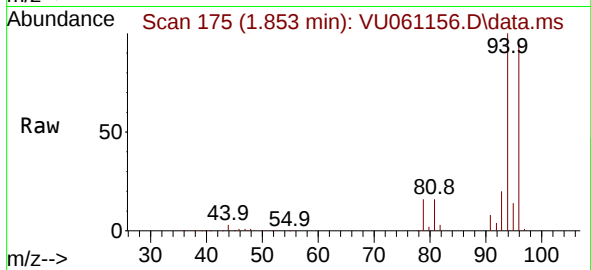
Tgt Ion: 62 Resp: 170376  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.9 38.9





#5  
Bromomethane  
Concen: 10.921 ug/l  
RT: 1.853 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

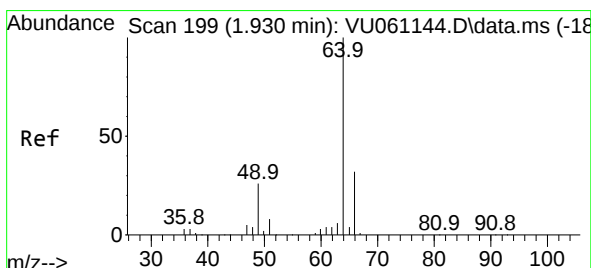
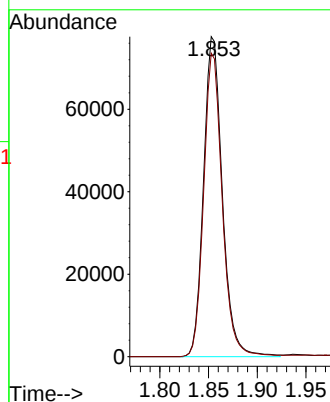
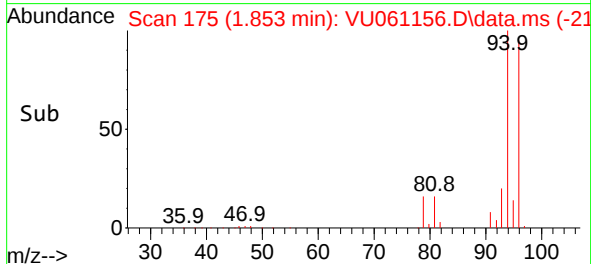
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 94 Resp: 104352  
Ion Ratio Lower Upper  
94 100  
96 94.8 76.5 114.7

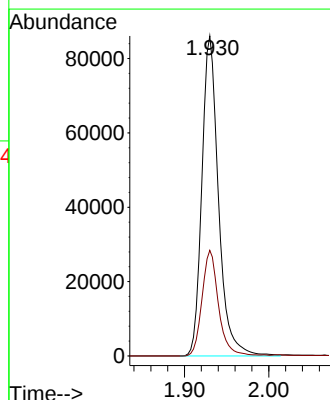
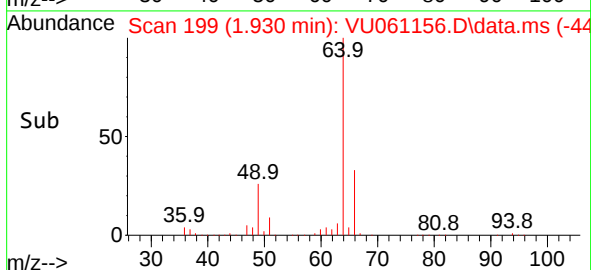
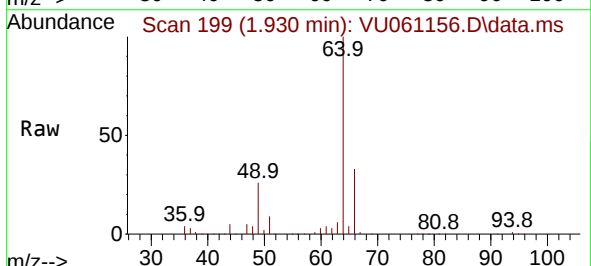
Manual Integrations  
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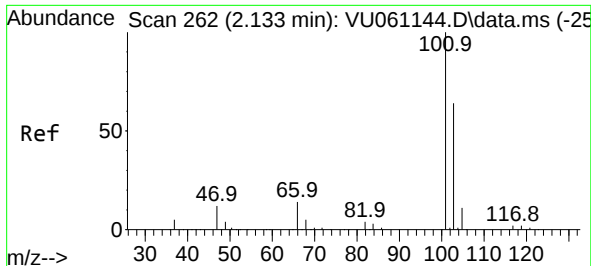
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#6  
Chloroethane  
Concen: 11.631 ug/l  
RT: 1.930 min Scan# 199  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Tgt Ion: 64 Resp: 118524  
Ion Ratio Lower Upper  
64 100  
66 33.0 25.8 38.8





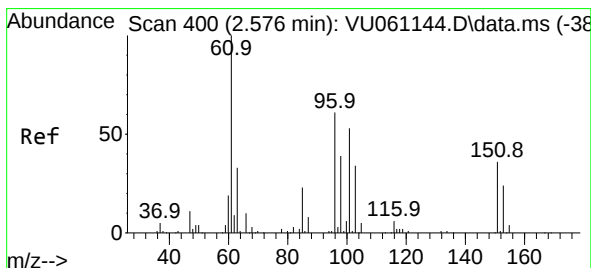
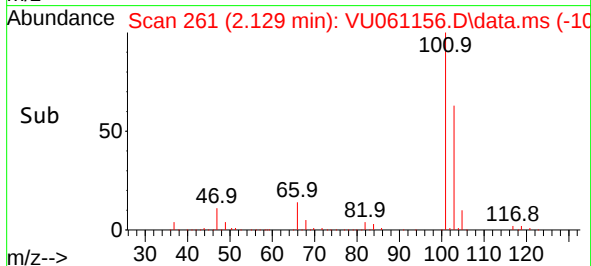
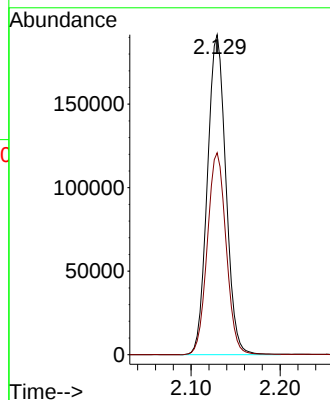
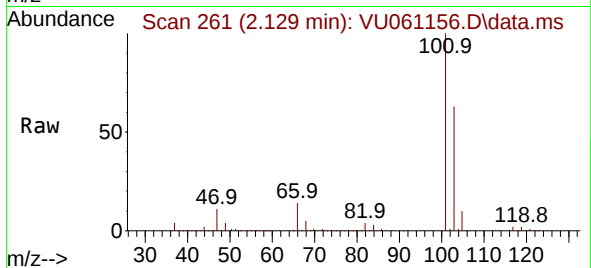
#7  
Trichlorofluoromethane  
Concen: 12.751 ug/l  
RT: 2.129 min Scan# 201  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:101 Resp: 27583  
Ion Ratio Lower Upper  
101 100  
103 63.1 51.5 77.3

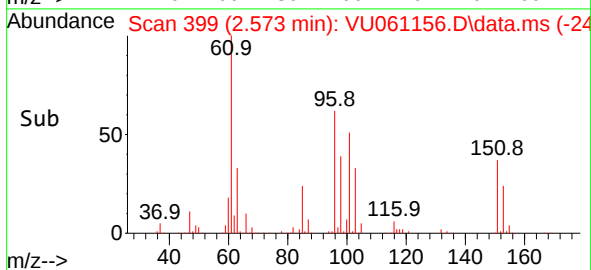
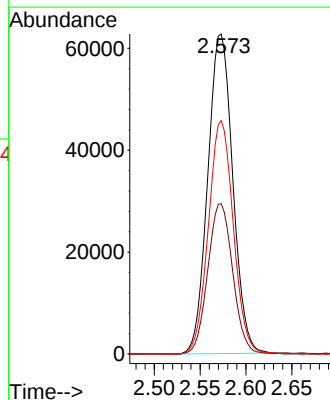
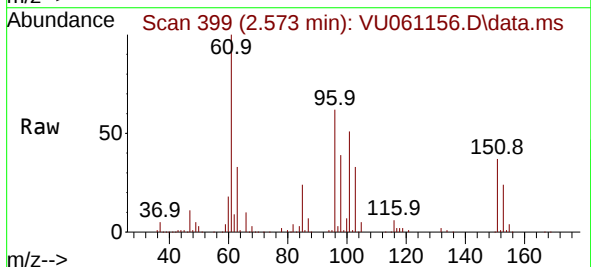
Manual Integrations  
APPROVED

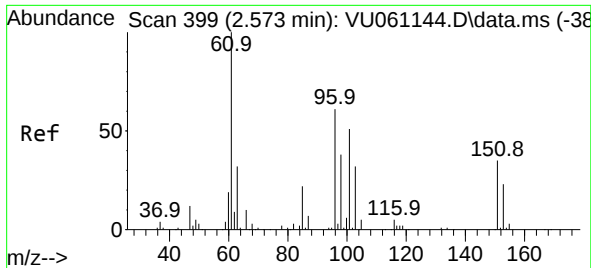
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 11.075 ug/l  
RT: 2.573 min Scan# 399  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Tgt Ion:101 Resp: 119116  
Ion Ratio Lower Upper  
101 100  
85 46.8 35.8 53.8  
151 72.7 56.2 84.4





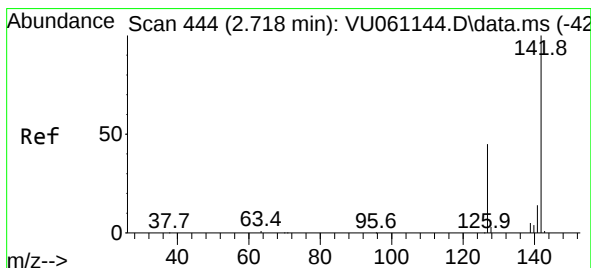
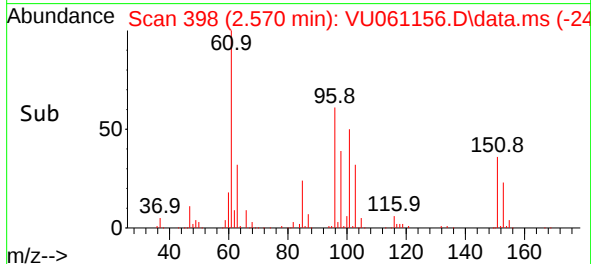
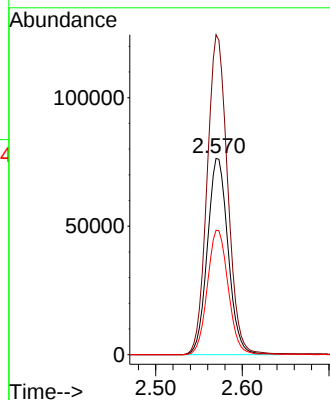
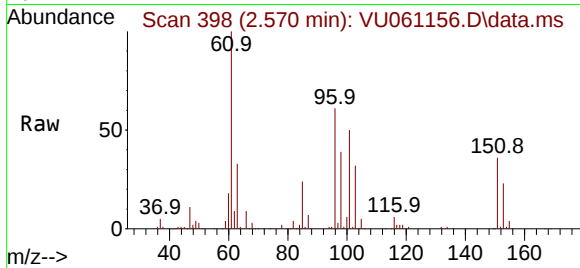
#9  
1,1-Dichloroethene  
Concen: 11.361 ug/l  
RT: 2.570 min Scan# 399  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 96 Resp: 127380  
Ion Ratio Lower Upper  
96 100  
61 162.9 0.0 494.4  
98 63.4 0.0 124.4

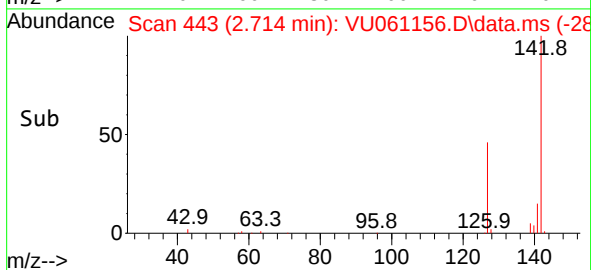
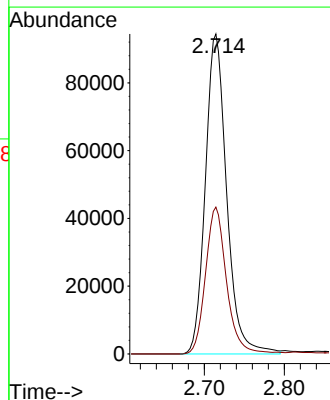
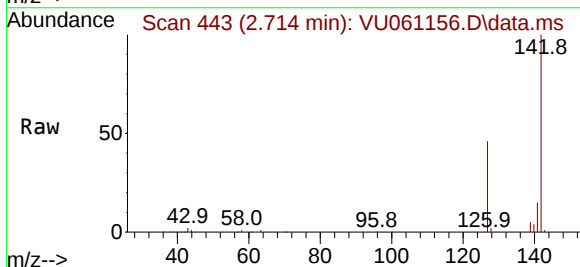
Manual Integrations  
APPROVED

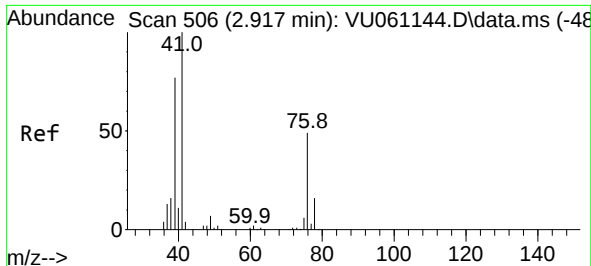
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#10  
Iodomethane  
Concen: 10.945 ug/l  
RT: 2.714 min Scan# 443  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Tgt Ion:142 Resp: 175268  
Ion Ratio Lower Upper  
142 100  
127 45.4 36.2 54.4





#11

Allyl Chloride

Concen: 11.005 ug/l

RT: 2.914 min Scan# 506

Delta R.T. -0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 15893

Ion Ratio Lower Upper

41 100

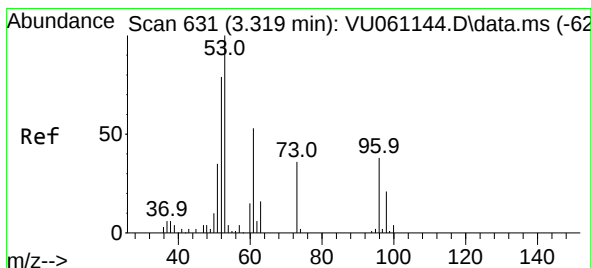
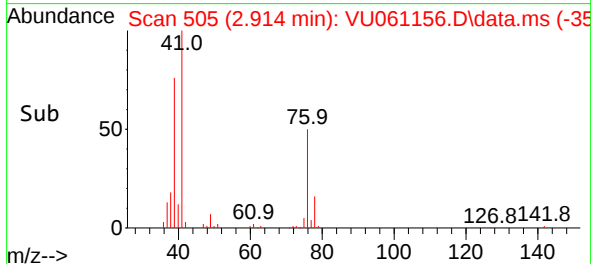
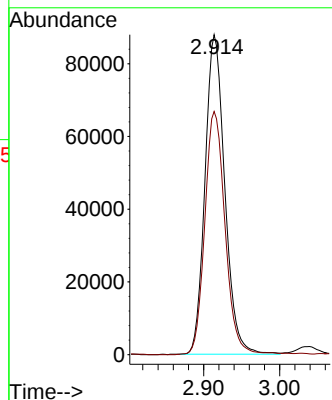
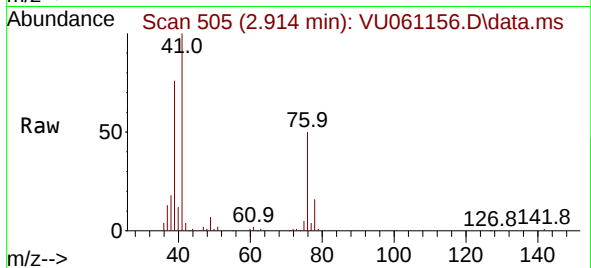
39 78.0 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#12

Acrylonitrile

Concen: 22.621 ug/l

RT: 3.319 min Scan# 631

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

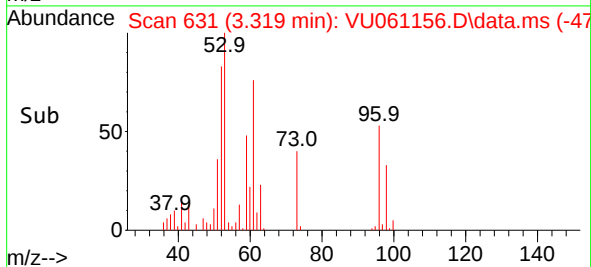
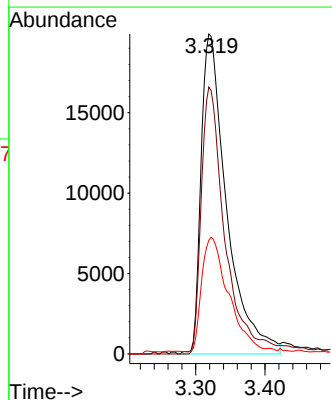
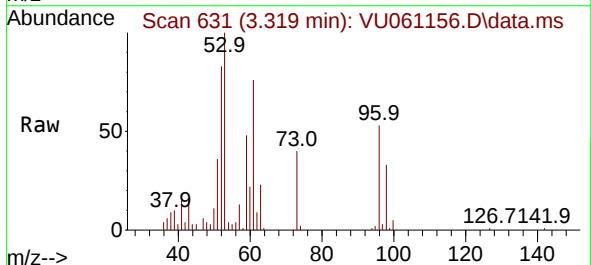
Tgt Ion: 53 Resp: 51006

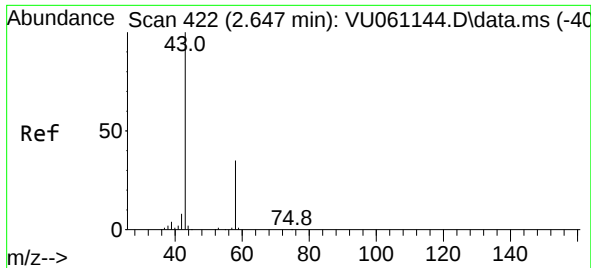
Ion Ratio Lower Upper

53 100

52 79.3 62.6 94.0

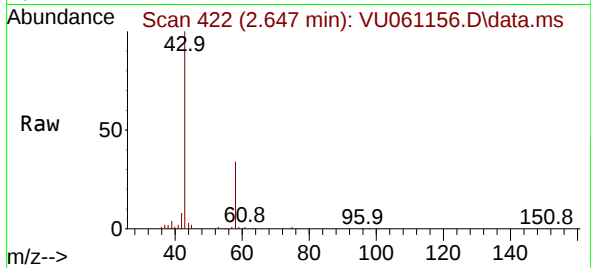
51 37.6 30.7 46.1





#13  
Acetone  
Concen: 54.555 ug/l  
RT: 2.647 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

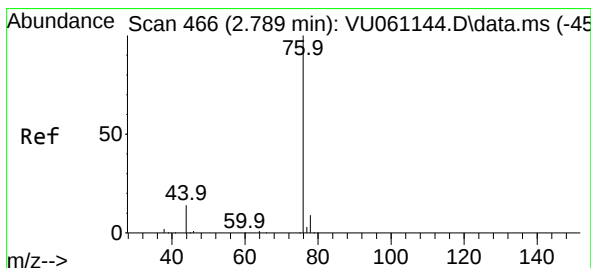
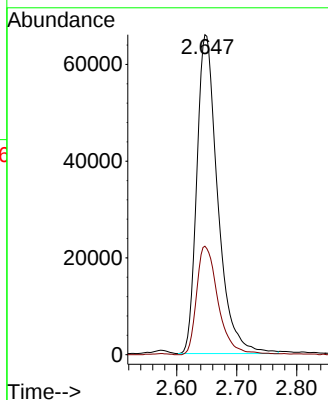
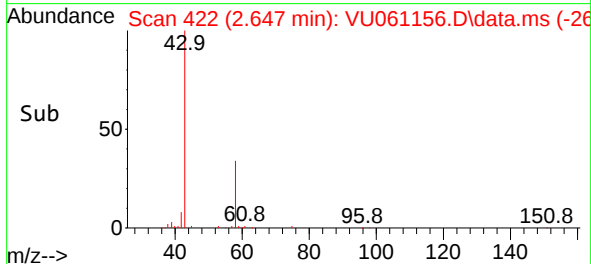
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



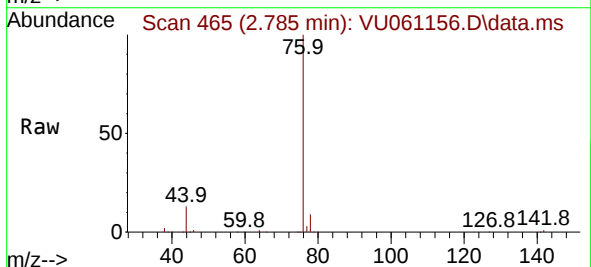
Tgt Ion: 43 Resp: 160440  
Ion Ratio Lower Upper  
43 100  
58 34.0 27.9 41.9

Manual Integrations  
APPROVED

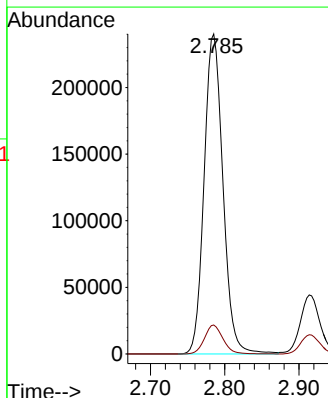
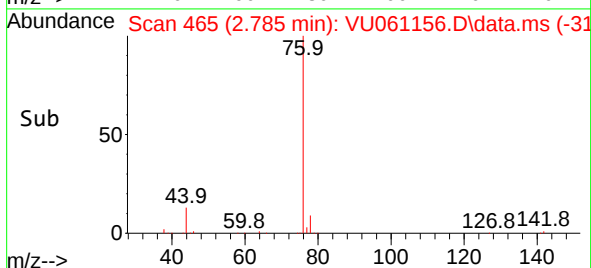
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

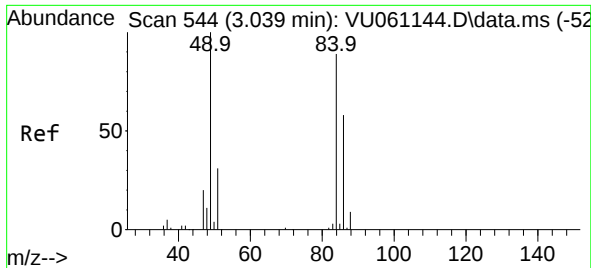


#14  
Carbon Disulfide  
Concen: 10.948 ug/l  
RT: 2.785 min Scan# 465  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26



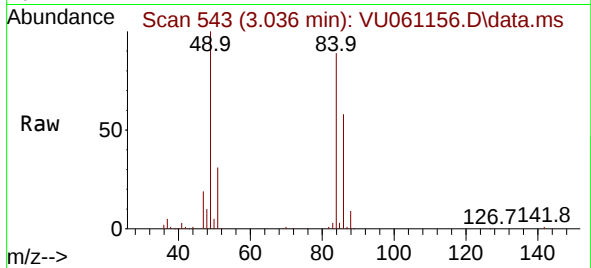
Tgt Ion: 76 Resp: 422911  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.0





#15  
Methylene Chloride  
Concen: 9.922 ug/l  
RT: 3.036 min Scan# 544  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

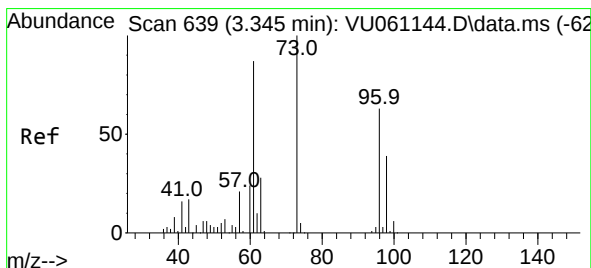
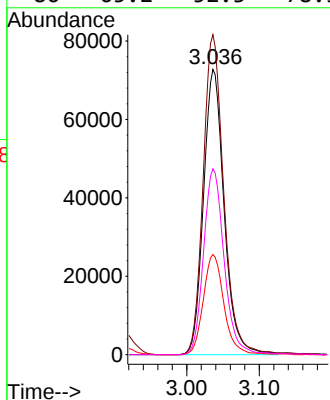
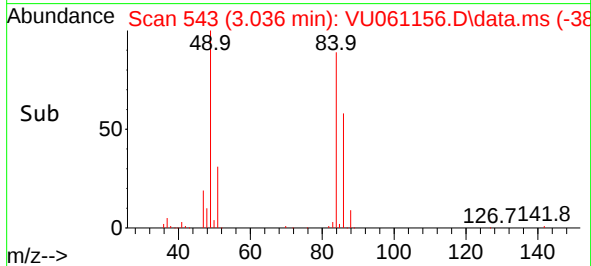
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 84 Resp: 143968  
Ion Ratio Lower Upper  
84 100  
49 112.2 90.4 135.6  
51 35.1 0.0 70.6  
86 65.2 52.3 78.5

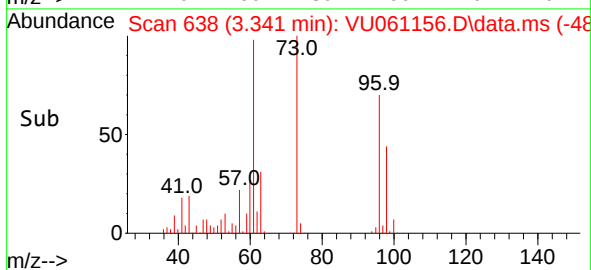
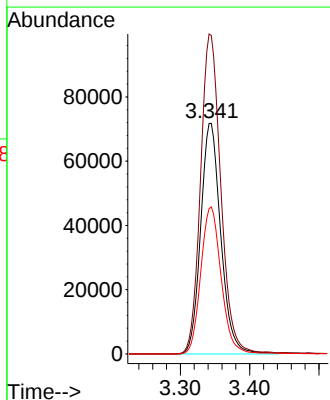
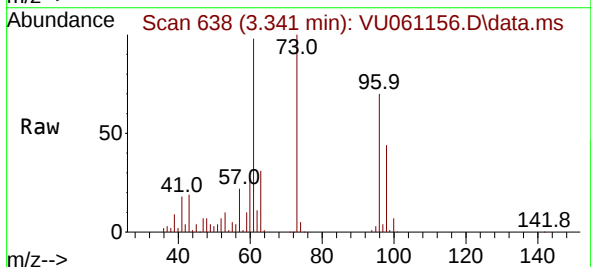
Manual Integrations  
APPROVED

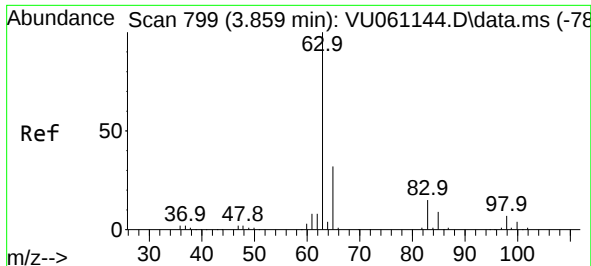
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#16  
trans-1,2-Dichloroethene  
Concen: 10.992 ug/l  
RT: 3.341 min Scan# 638  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

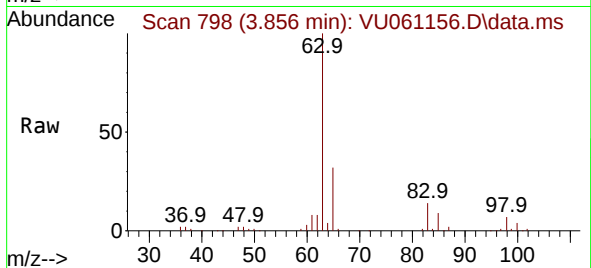
Tgt Ion: 96 Resp: 144520  
Ion Ratio Lower Upper  
96 100  
61 138.6 110.6 166.0  
98 63.0 49.8 74.8





#17  
1,1-Dichloroethane  
Concen: 11.168 ug/l  
RT: 3.856 min Scan# 799  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

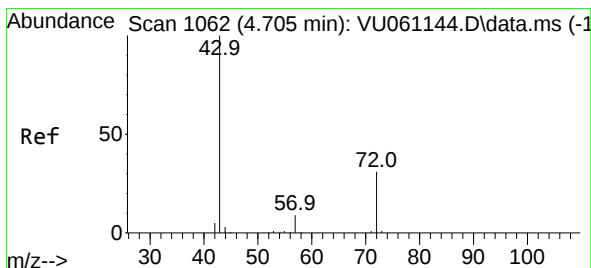
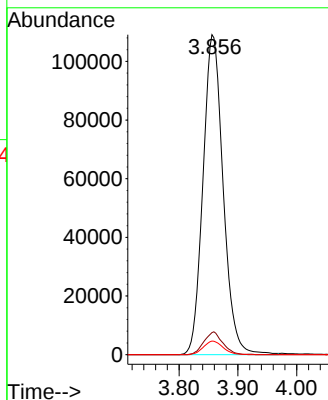
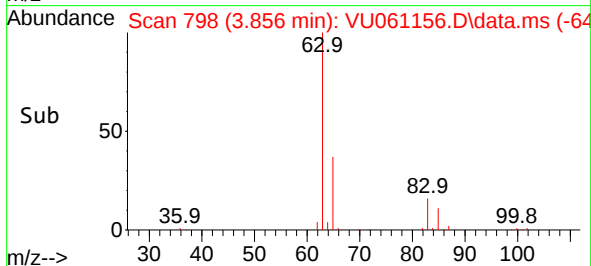
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 63 Resp: 260340  
Ion Ratio Lower Upper  
63 100  
98 6.9 3.3 9.8  
100 4.2 2.1 6.5

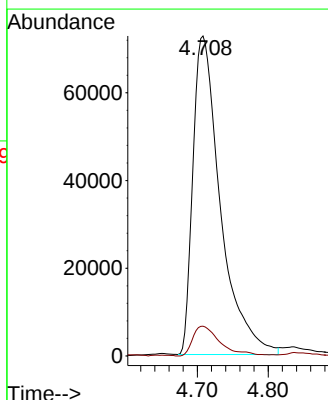
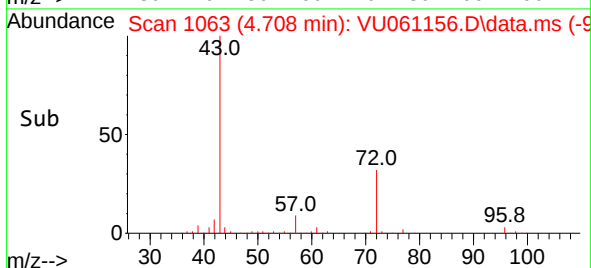
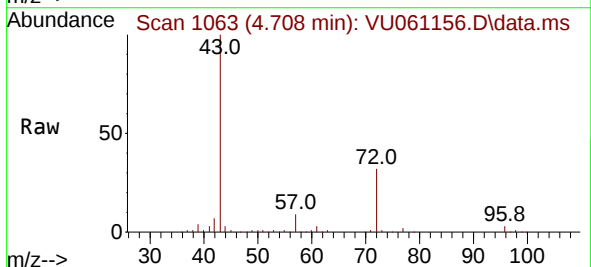
Manual Integrations  
APPROVED

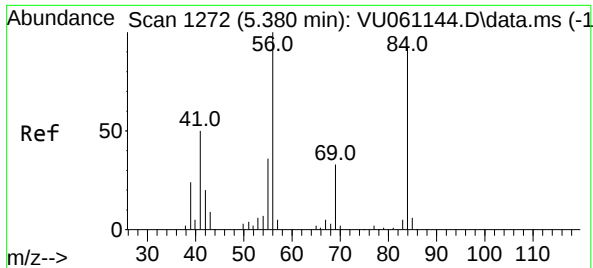
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#18  
2-Butanone  
Concen: 54.387 ug/l  
RT: 4.708 min Scan# 1063  
Delta R.T. 0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Tgt Ion: 43 Resp: 195840  
Ion Ratio Lower Upper  
43 100  
57 9.3 0.0 19.0





#19

Cyclohexane

Concen: 10.884 ug/l m

RT: 5.377 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

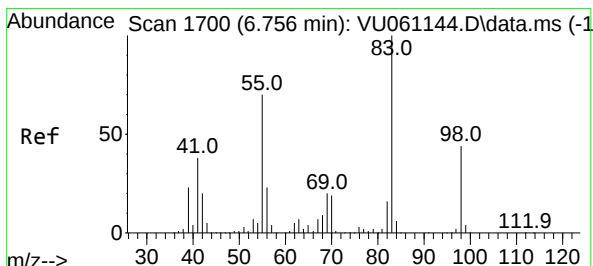
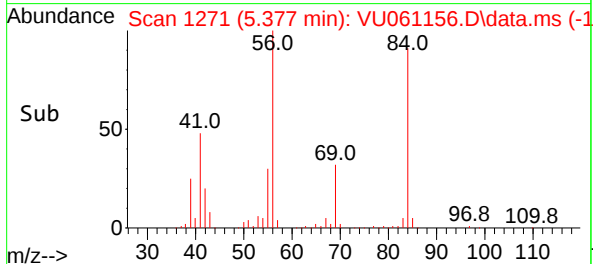
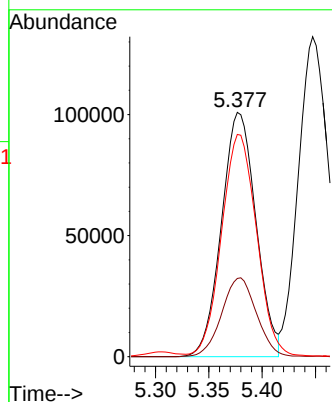
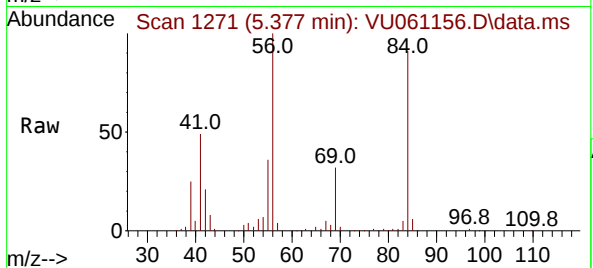
Tgt Ion: 56 Resp: 227284

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.4  | 26.2  | 39.4  |
| 84  | 90.5  | 72.7  | 109.1 |

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 11.104 ug/l

RT: 6.753 min Scan# 1699

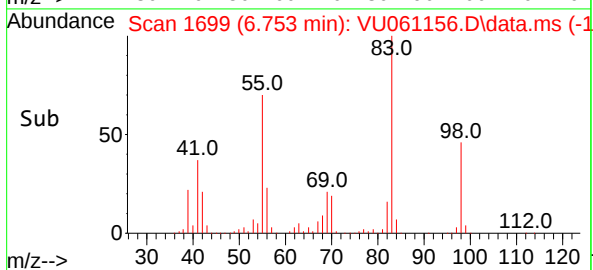
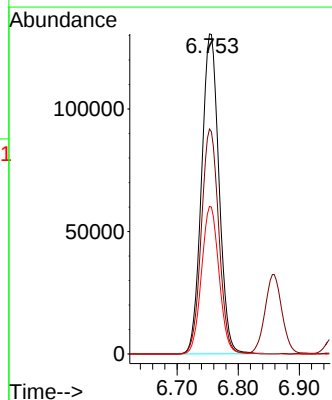
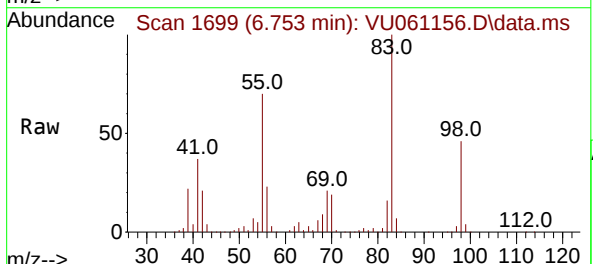
Delta R.T. -0.003 min

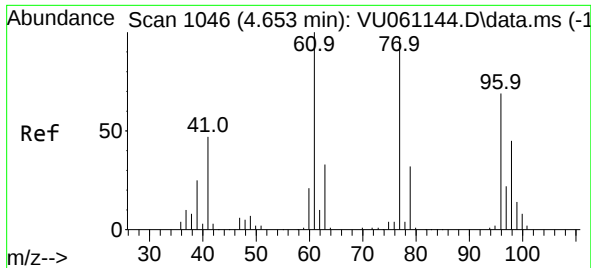
Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Tgt Ion: 83 Resp: 258537

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 69.8  | 55.5  | 83.3  |
| 98  | 46.5  | 35.8  | 53.6  |





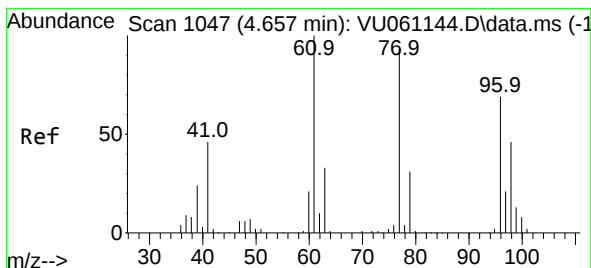
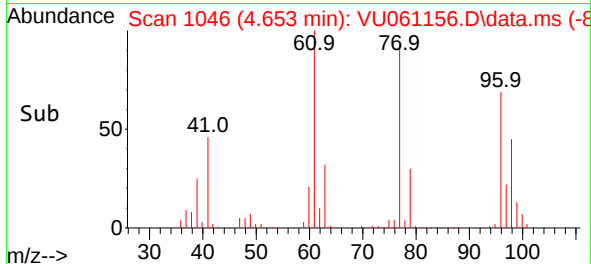
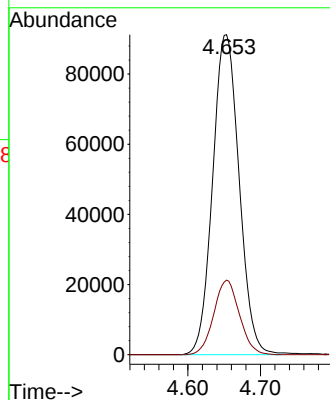
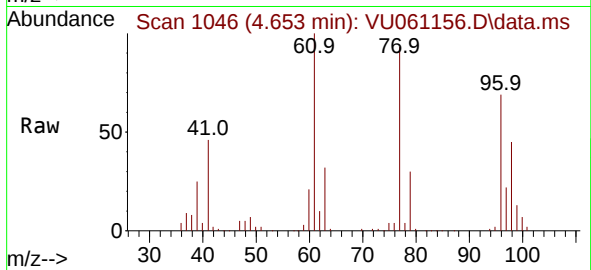
#21  
2,2-Dichloropropane  
Concen: 10.760 ug/l  
RT: 4.653 min Scan# 1046  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 77 Resp: 23140  
Ion Ratio Lower Upper  
77 100  
97 22.6 18.3 27.5

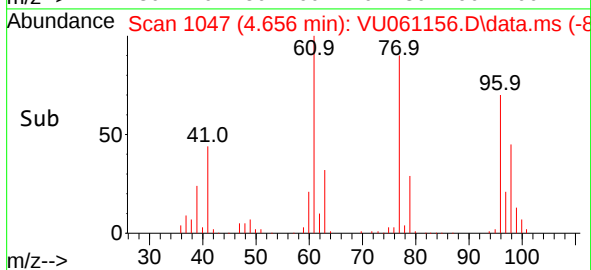
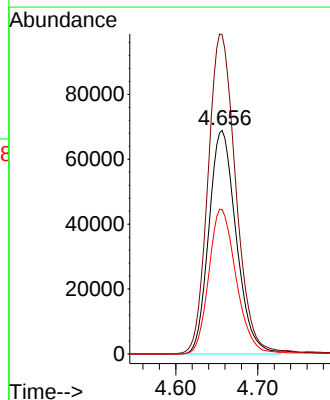
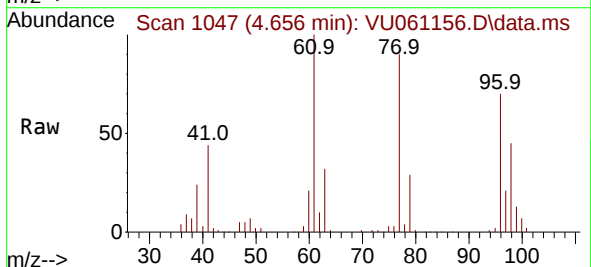
Manual Integrations  
APPROVED

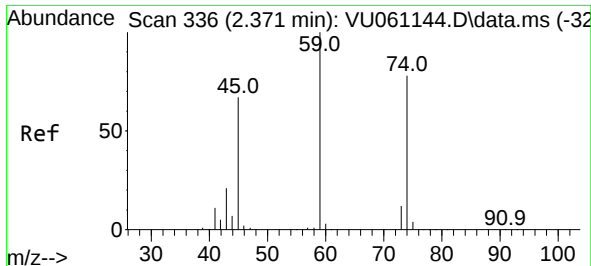
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#22  
cis-1,2-Dichloroethene  
Concen: 11.133 ug/l  
RT: 4.656 min Scan# 1047  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

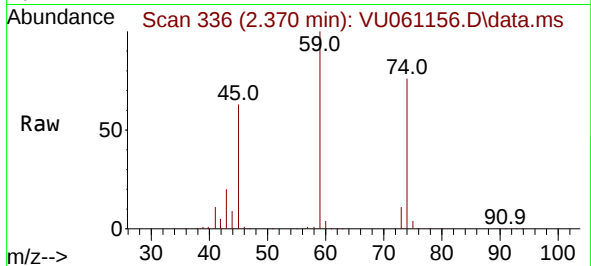
Tgt Ion: 96 Resp: 159471  
Ion Ratio Lower Upper  
96 100  
61 145.8 0.0 364.8  
98 64.8 32.1 96.3





#23  
Diethyl Ether  
Concen: 10.964 ug/l  
RT: 2.370 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

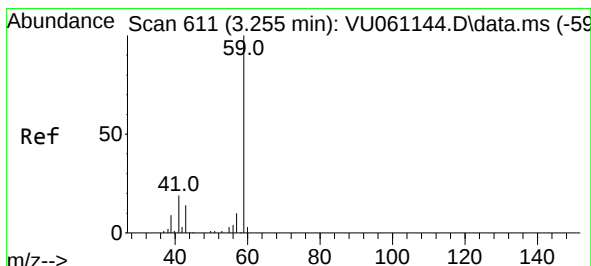
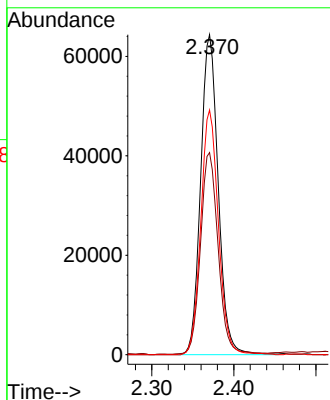
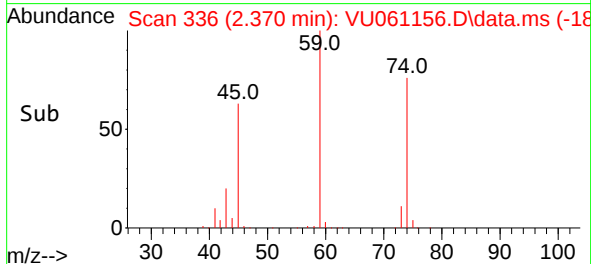
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 59 Resp: 95517  
Ion Ratio Lower Upper  
59 100  
45 63.4 52.0 78.0  
74 76.9 62.2 93.2

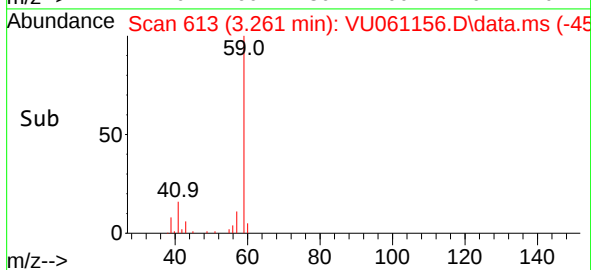
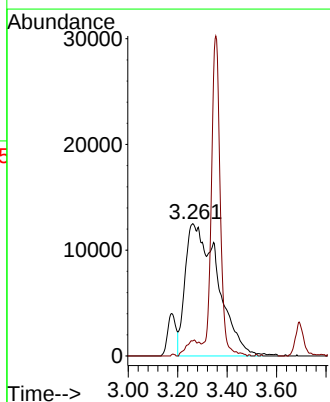
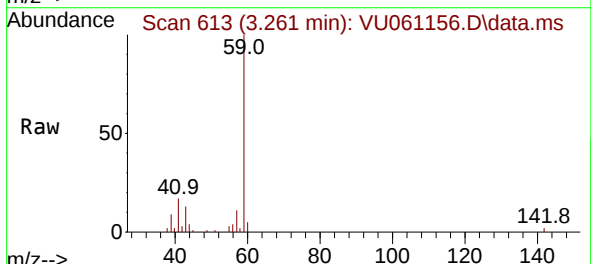
Manual Integrations  
APPROVED

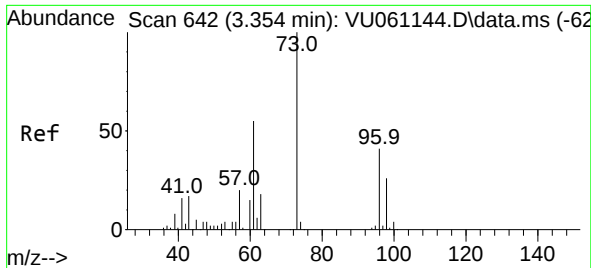
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#24  
tert-Butyl Alcohol  
Concen: 127.077 ug/l m  
RT: 3.261 min Scan# 613  
Delta R.T. 0.006 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

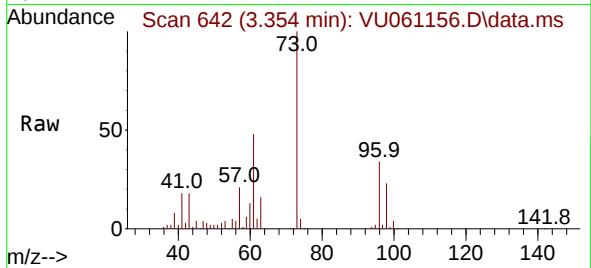
Tgt Ion: 59 Resp: 115511  
Ion Ratio Lower Upper  
59 100  
57 3.7 3.2 4.8





#25  
Methyl tert-Butyl Ether  
Concen: 11.147 ug/l  
RT: 3.354 min Scan# 642  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

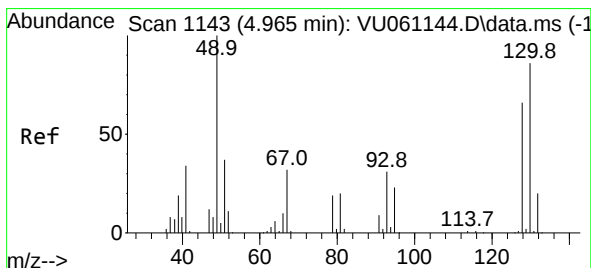
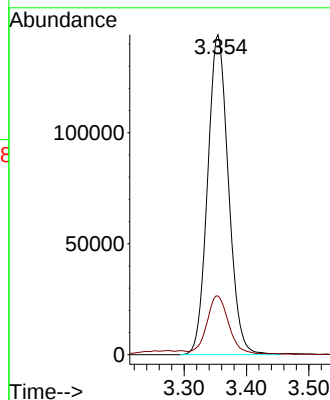
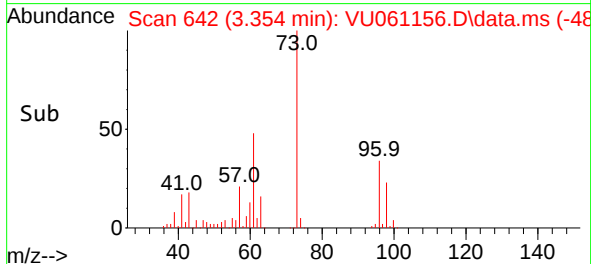
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



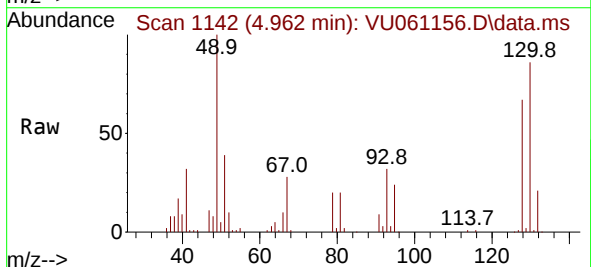
Tgt Ion: 73 Resp: 334794  
Ion Ratio Lower Upper  
73 100  
43 18.7 14.7 22.1

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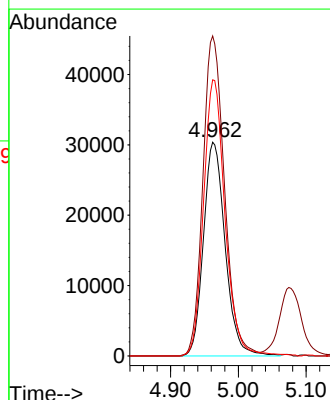
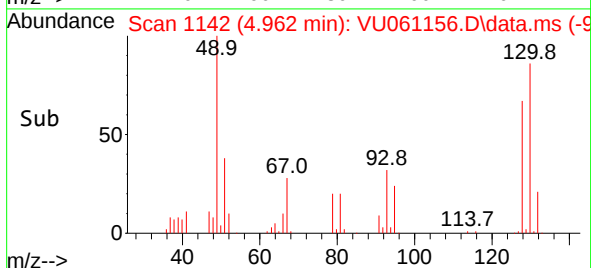
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

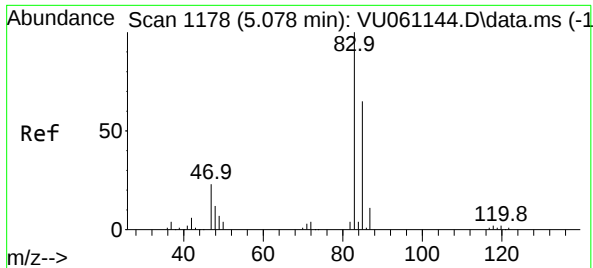


#26  
Bromochloromethane  
Concen: 11.271 ug/l  
RT: 4.962 min Scan# 1142  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26



Tgt Ion:128 Resp: 67512  
Ion Ratio Lower Upper  
128 100  
49 149.0 0.0 308.8  
130 128.5 105.3 157.9





#27

Chloroform

Concen: 11.213 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 274129

Ion Ratio Lower Upper

83 100

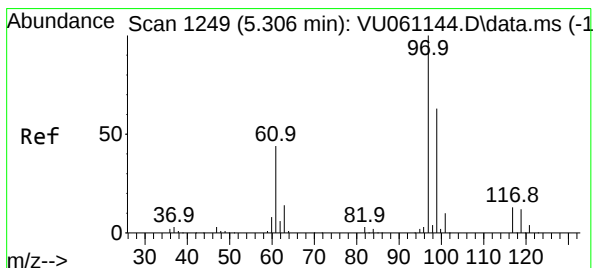
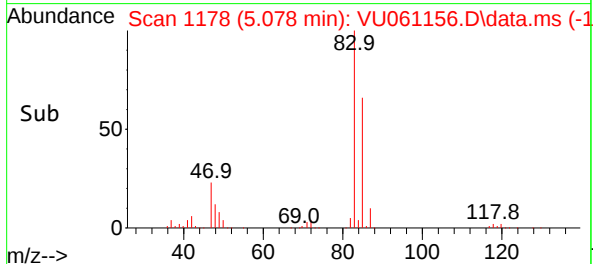
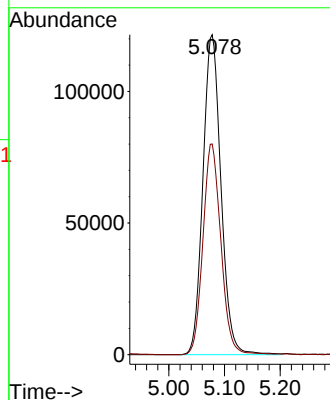
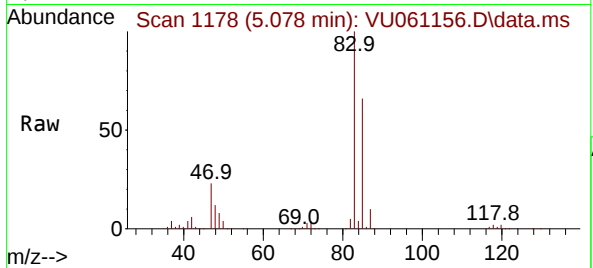
85 65.9 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#28

1,1,1-Trichloroethane

Concen: 11.104 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

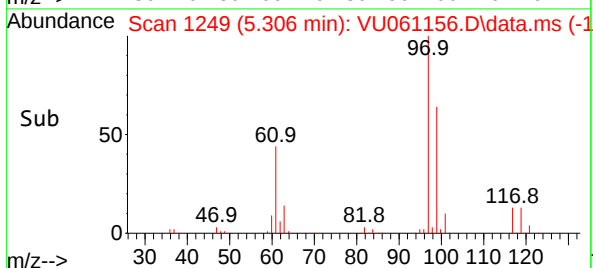
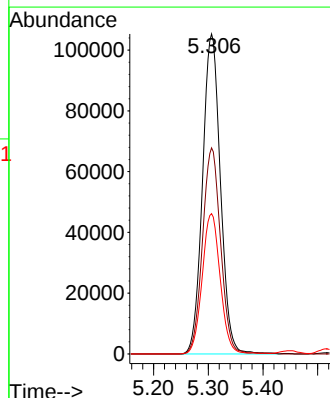
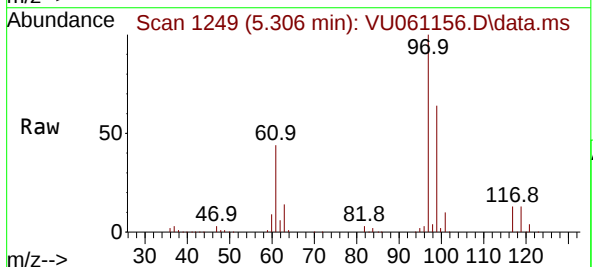
Tgt Ion: 97 Resp: 239323

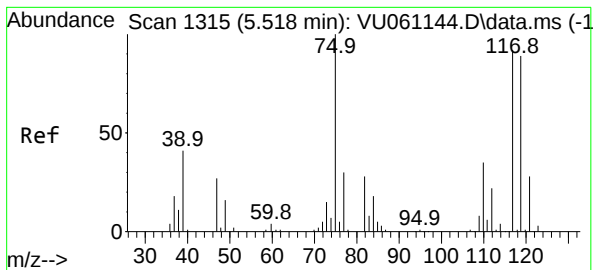
Ion Ratio Lower Upper

97 100

99 64.8 31.9 95.5

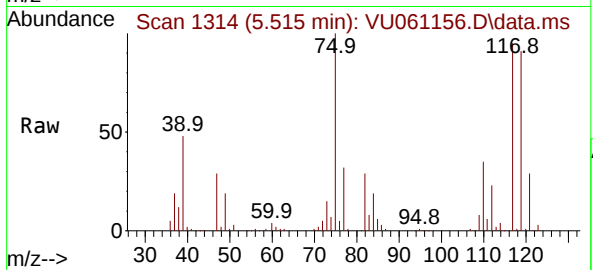
61 44.1 22.1 66.1





#29  
1,1-Dichloropropene  
Concen: 10.922 ug/l  
RT: 5.515 min Scan# 1315  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

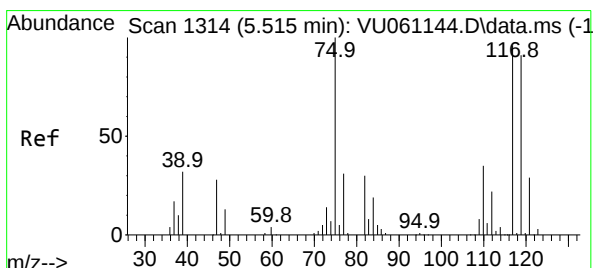
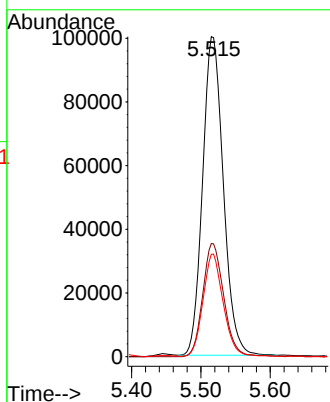
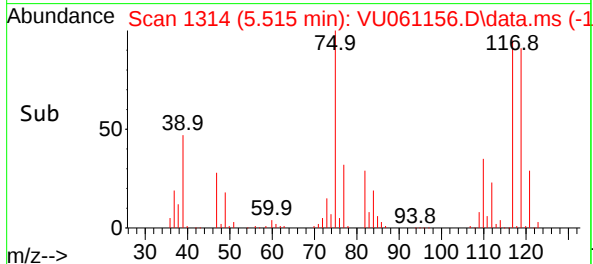
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



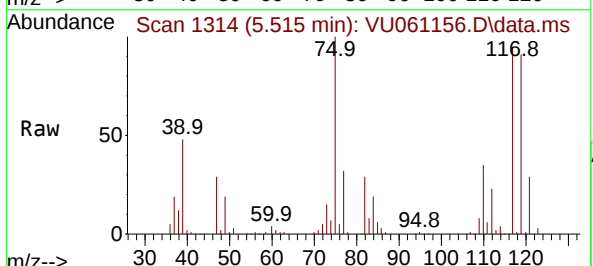
Tgt Ion: 75 Resp: 208095  
Ion Ratio Lower Upper  
75 100  
110 35.7 17.8 53.3  
77 31.0 24.6 37.0

Manual Integrations  
APPROVED

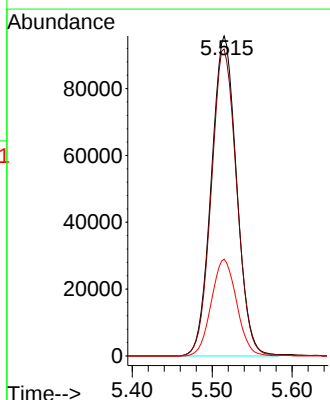
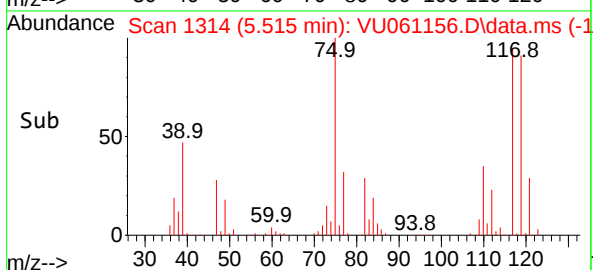
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

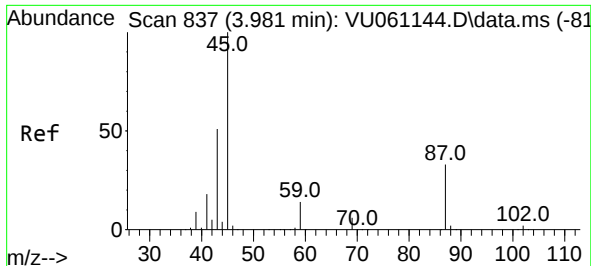


#30  
Carbon Tetrachloride  
Concen: 11.221 ug/l  
RT: 5.515 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26



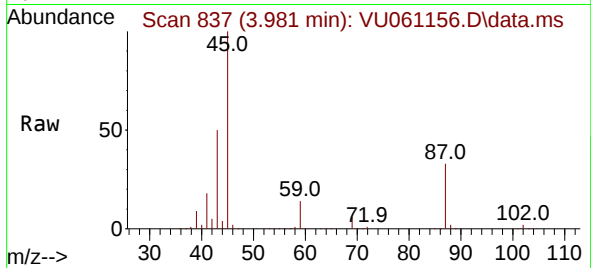
Tgt Ion:117 Resp: 209834  
Ion Ratio Lower Upper  
117 100  
119 95.9 76.4 114.6  
121 30.3 24.1 36.1





#31  
Isopropyl Ether  
Concen: 11.249 ug/l  
RT: 3.981 min Scan# 837  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

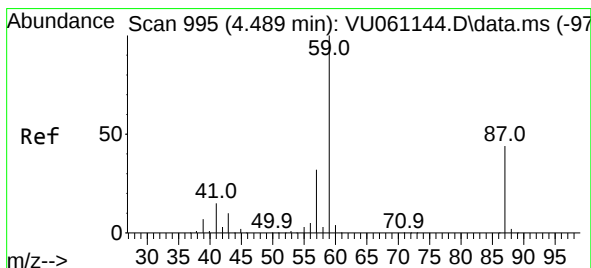
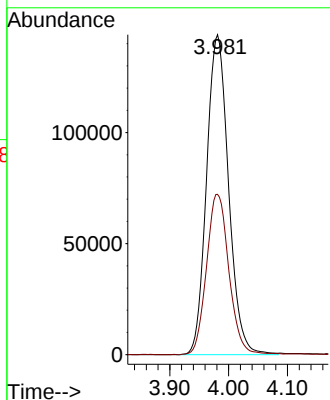
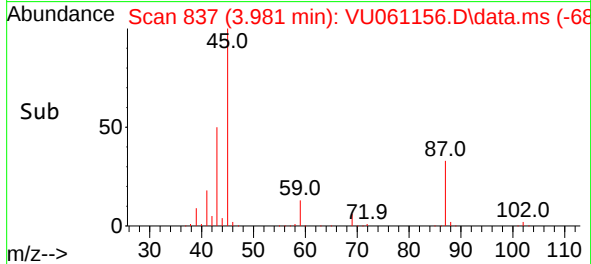
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



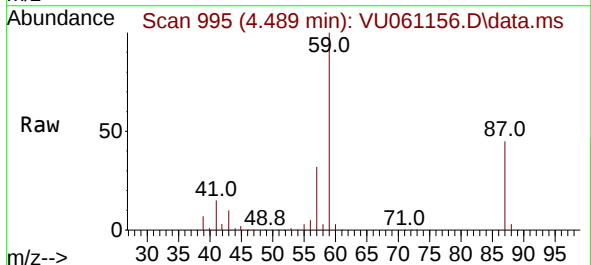
Tgt Ion: 45 Resp: 37413  
Ion Ratio Lower Upper  
45 100  
43 51.0 25.7 77.0

Manual Integrations  
APPROVED

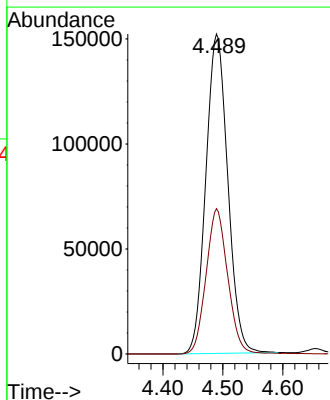
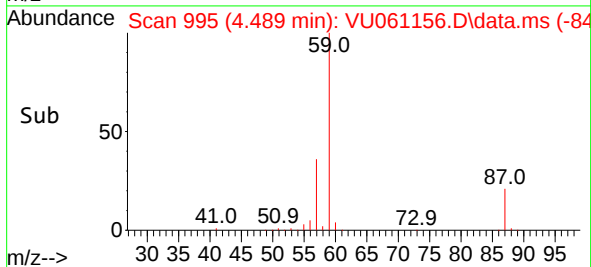
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

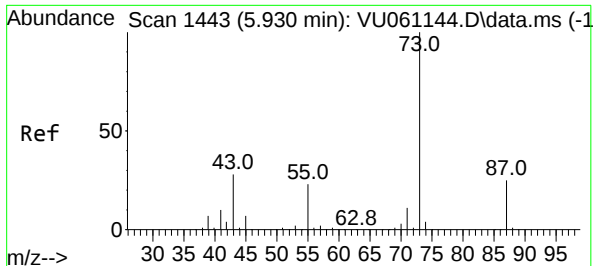


#32  
Ethyl-t-butyl ether  
Concen: 11.302 ug/l  
RT: 4.489 min Scan# 995  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26



Tgt Ion: 59 Resp: 386479  
Ion Ratio Lower Upper  
59 100  
87 44.3 34.7 52.1





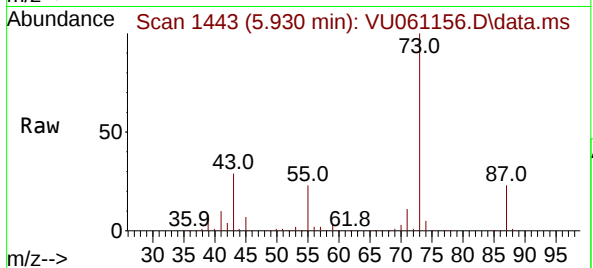
#33  
Tert-Amyl methyl ether  
Concen: 11.598 ug/l  
RT: 5.930 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

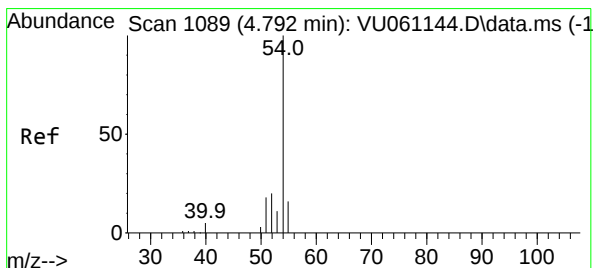
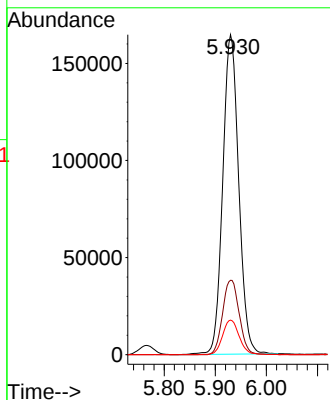
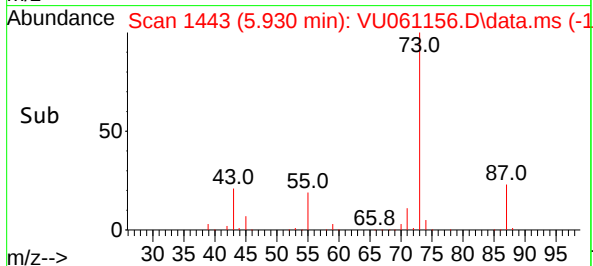


Tgt Ion: 73 Resp: 356970  
Ion Ratio Lower Upper  
73 100  
87 24.3 19.8 29.8  
71 11.4 8.6 12.8

Manual Integrations

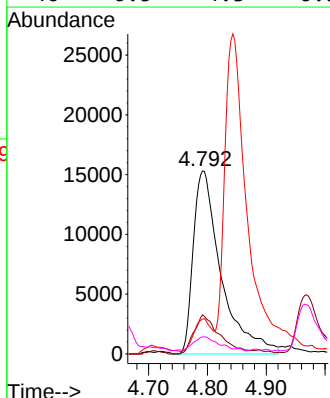
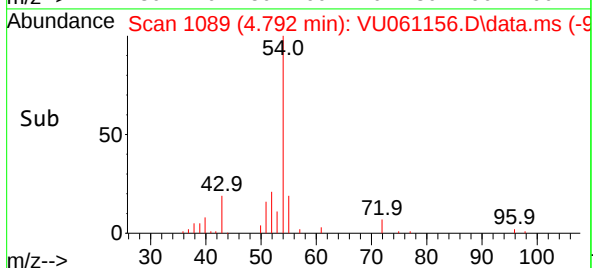
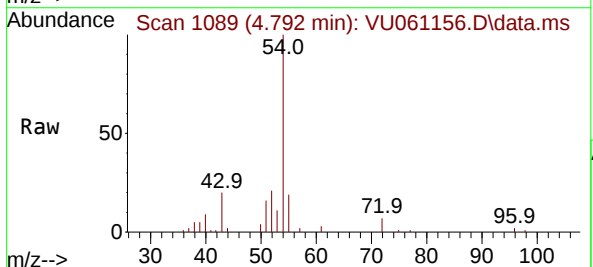
APPROVED

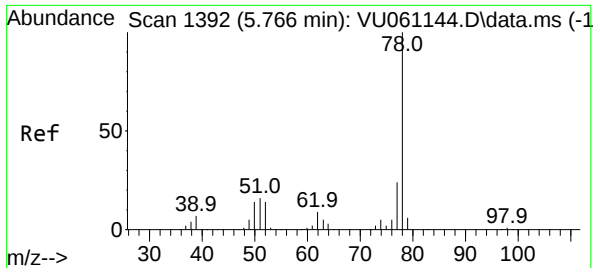
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#34  
Propionitrile  
Concen: 58.579 ug/l  
RT: 4.792 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Tgt Ion: 54 Resp: 50323  
Ion Ratio Lower Upper  
54 100  
52 20.0 15.3 22.9  
55 11.0 9.7 14.5  
40 6.5 4.3 6.5#





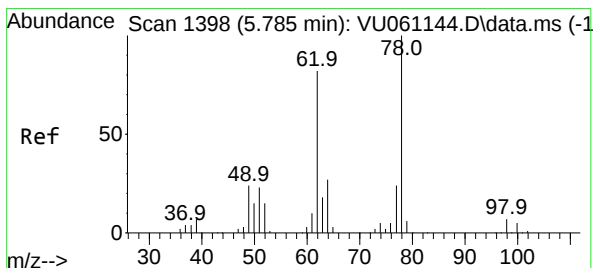
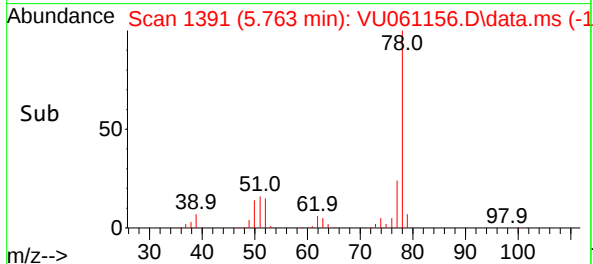
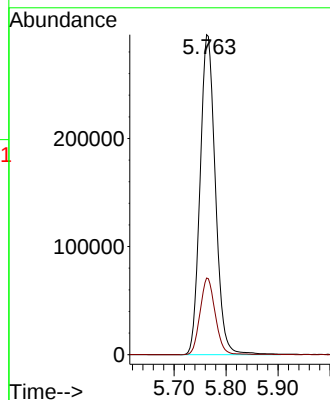
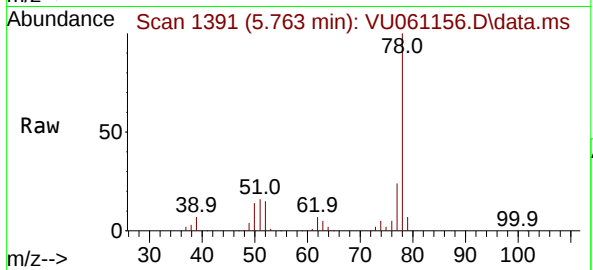
#35  
Benzene  
Concen: 11.274 ug/l  
RT: 5.763 min Scan# 1391  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 78 Resp: 604699  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.4 29.0

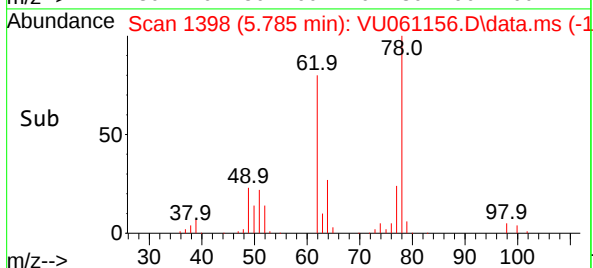
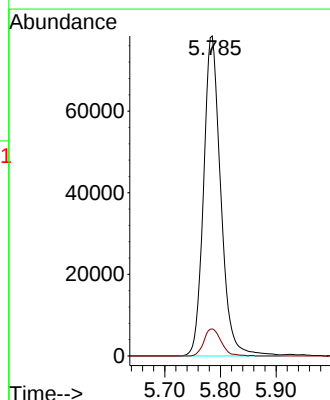
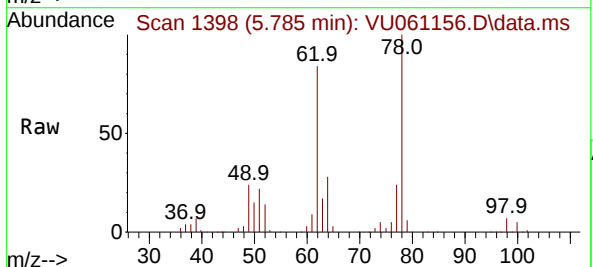
Manual Integrations  
APPROVED

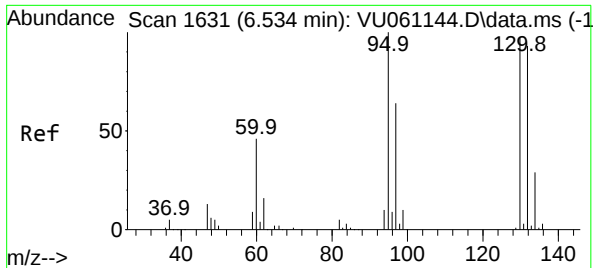
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#36  
1,2-Dichloroethane  
Concen: 11.124 ug/l  
RT: 5.785 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

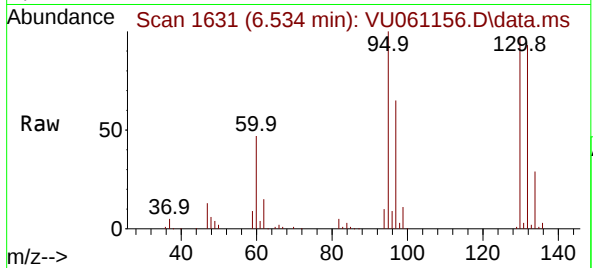
Tgt Ion: 62 Resp: 168469  
Ion Ratio Lower Upper  
62 100  
98 8.5 7.0 10.4





#37  
Trichloroethene  
Concen: 11.033 ug/l  
RT: 6.534 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

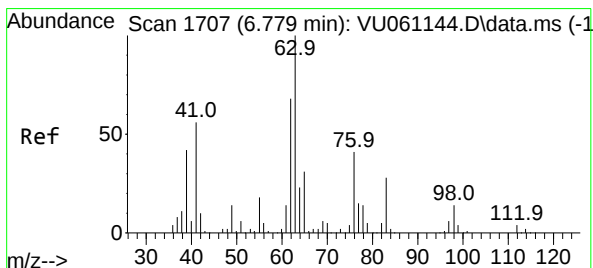
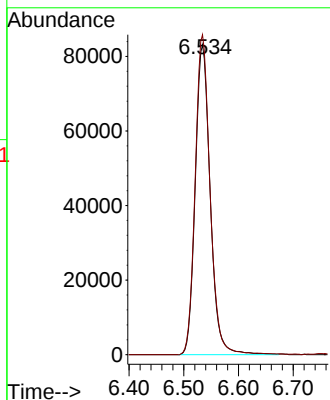
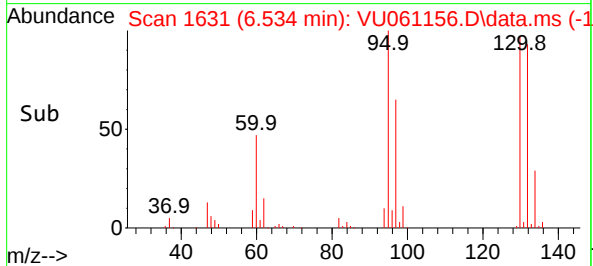
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



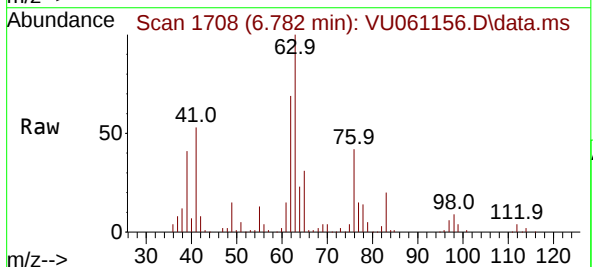
Tgt Ion:130 Resp: 157959  
Ion Ratio Lower Upper  
130 100  
95 103.2 82.6 123.8

Manual Integrations  
APPROVED

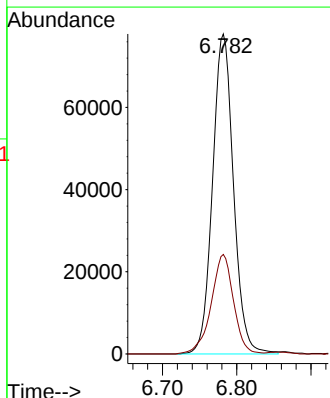
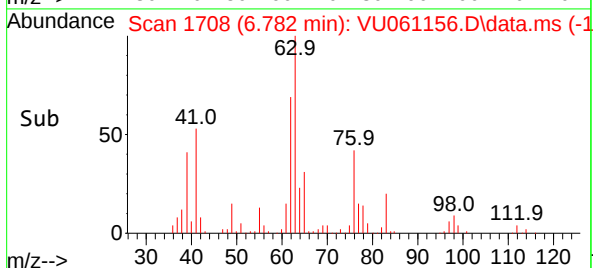
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

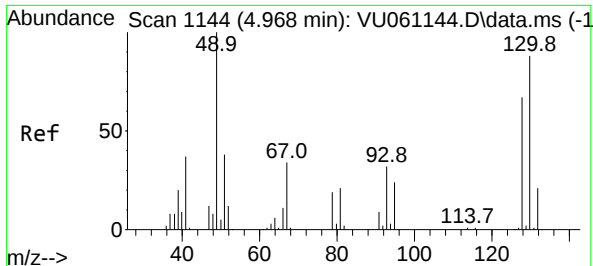


#38  
1,2-Dichloropropane  
Concen: 11.242 ug/l  
RT: 6.782 min Scan# 1708  
Delta R.T. 0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26



Tgt Ion: 63 Resp: 152731  
Ion Ratio Lower Upper  
63 100  
65 30.9 25.0 37.6





#39

Methacrylonitrile

Concen: 11.857 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

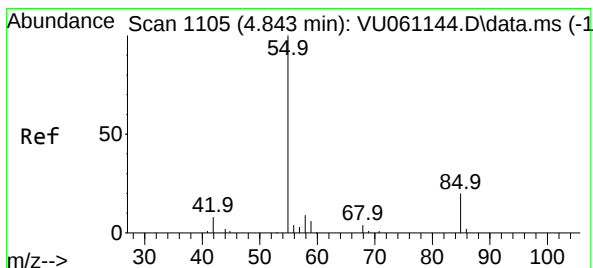
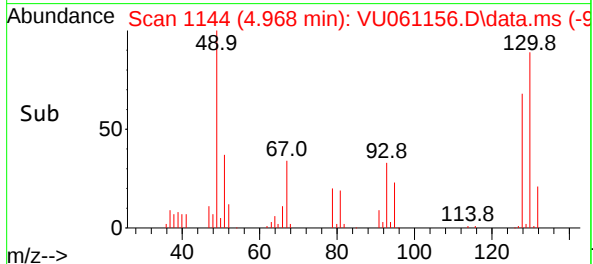
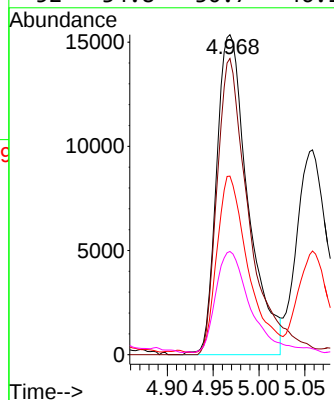
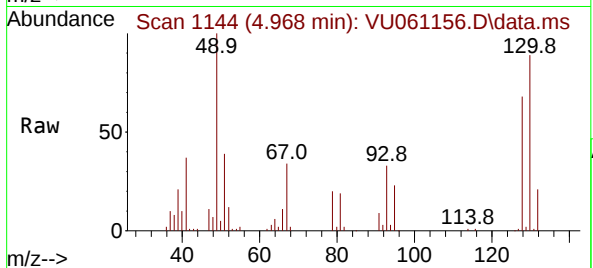
Tgt Ion: 41 Resp: 36684

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 67  | 94.7  | 78.1  | 117.1 |
| 39  | 54.4  | 44.6  | 67.0  |
| 52  | 34.8  | 30.7  | 46.1  |

Manual Integrations

APPROVED

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



#40

Methyl acrylate

Concen: 11.093 ug/l

RT: 4.843 min Scan# 1105

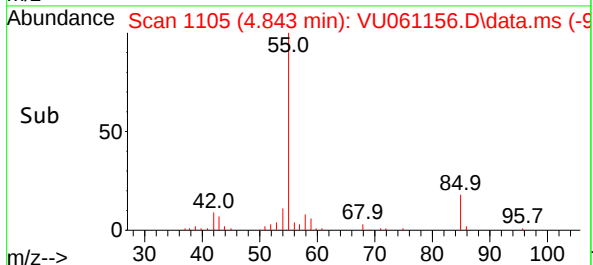
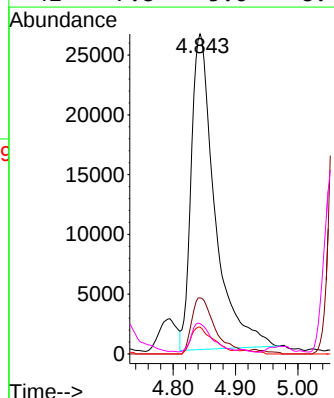
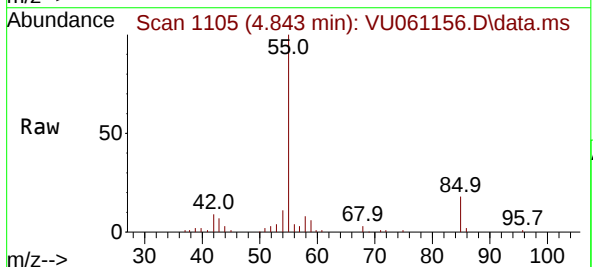
Delta R.T. -0.000 min

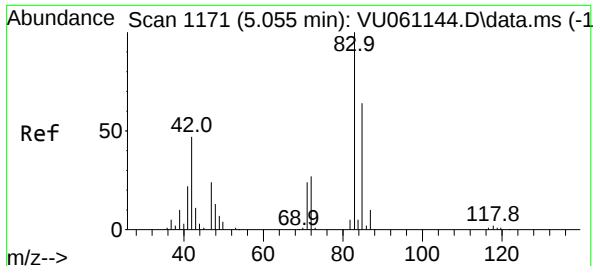
Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Tgt Ion: 55 Resp: 69596

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 55  | 100   |       |       |
| 85  | 17.5  | 14.1  | 21.1  |
| 58  | 8.1   | 6.9   | 10.3  |
| 42  | 7.8   | 5.6   | 8.4   |





#41

Tetrahydrofuran

Concen: 21.008 ug/l

RT: 5.058 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

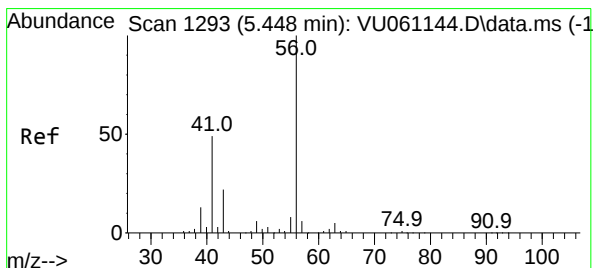
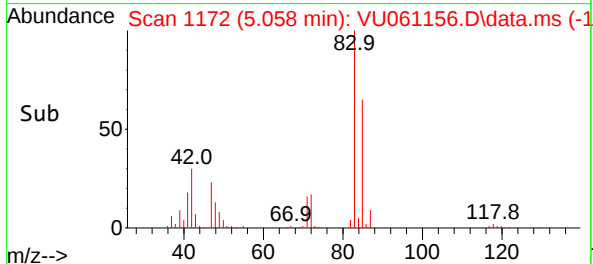
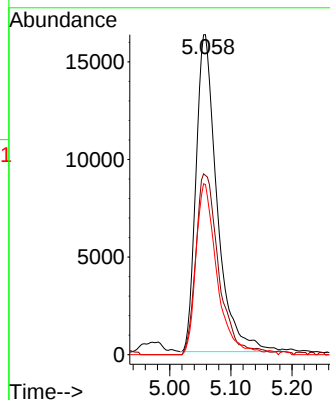
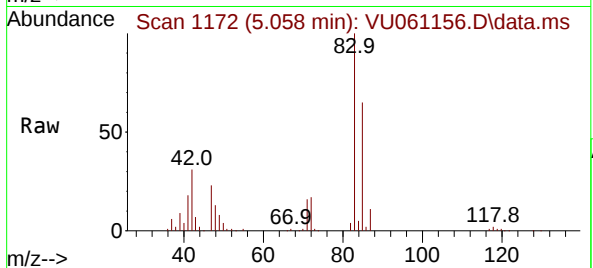
Tgt Ion: 42 Resp: 39036

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 62.1  | 47.8  | 71.8  |
| 71  | 53.5  | 41.5  | 62.3  |

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 11.045 ug/l

RT: 5.447 min Scan# 1293

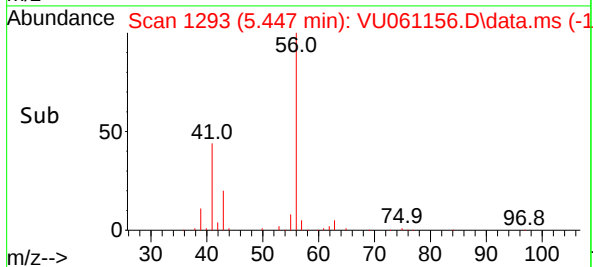
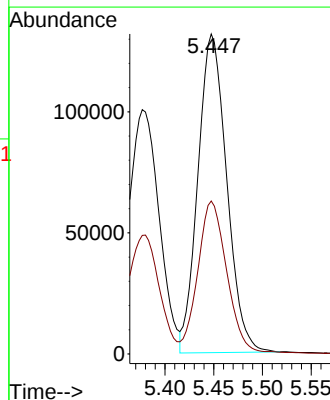
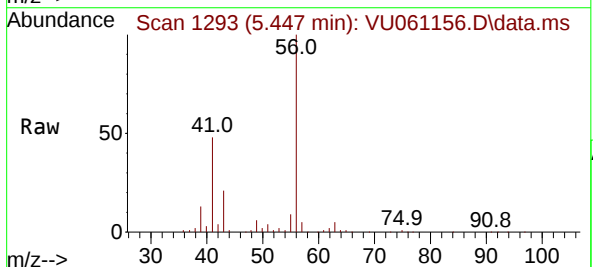
Delta R.T. -0.000 min

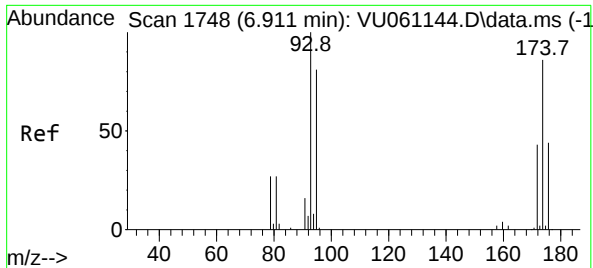
Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Tgt Ion: 56 Resp: 269923

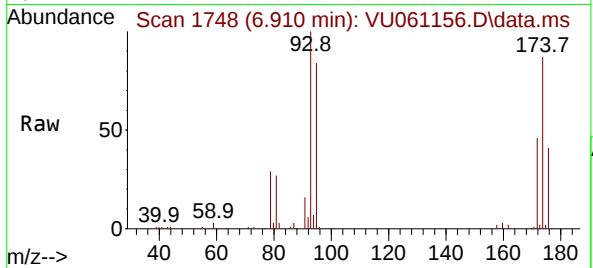
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 41  | 48.3  | 23.9  | 71.7  |





#43  
Dibromomethane  
Concen: 11.012 ug/l  
RT: 6.910 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

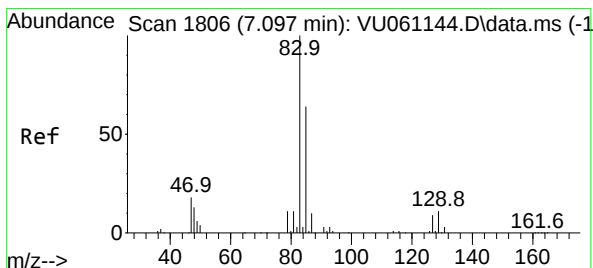
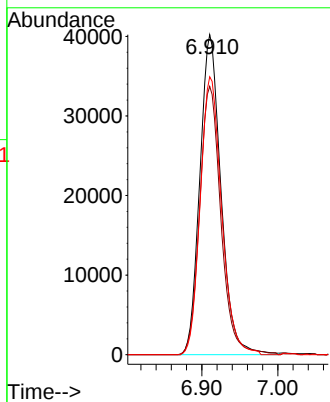
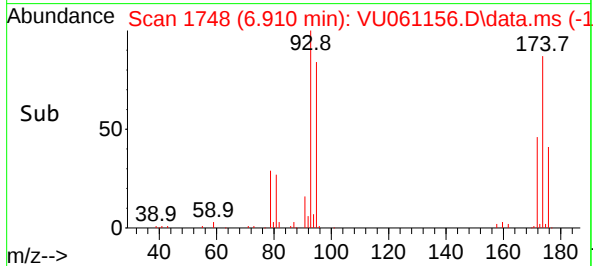
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 93 Resp: 77570  
Ion Ratio Lower Upper  
93 100  
95 84.3 67.5 101.3  
174 87.9 71.2 106.8

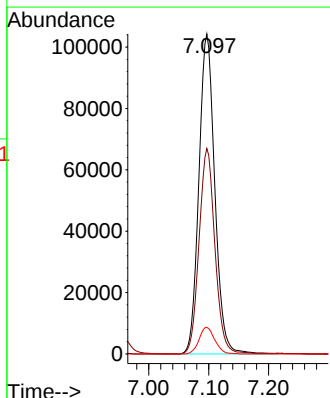
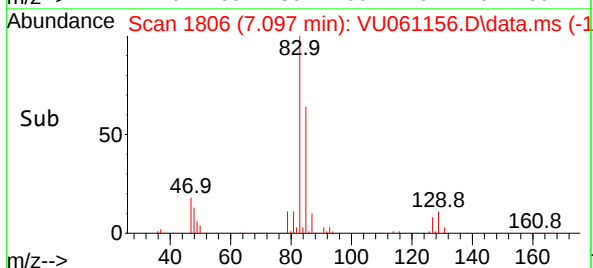
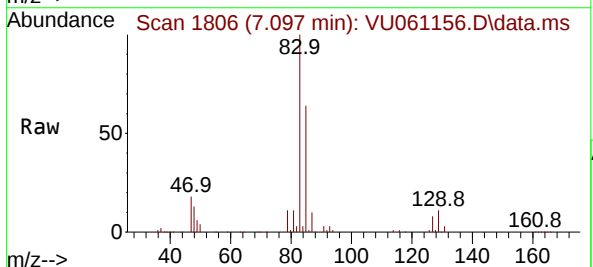
Manual Integrations  
APPROVED

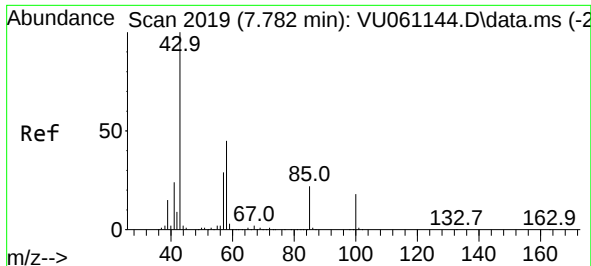
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#44  
Bromodichloromethane  
Concen: 11.265 ug/l  
RT: 7.097 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Tgt Ion: 83 Resp: 192965  
Ion Ratio Lower Upper  
83 100  
85 64.2 51.4 77.2  
127 8.3 7.4 11.2





#45

4-Methyl-2-Pentanone

Concen: 54.996 ug/l

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 38889

Ion Ratio Lower Upper

43 100

58 44.5 22.2 66.6

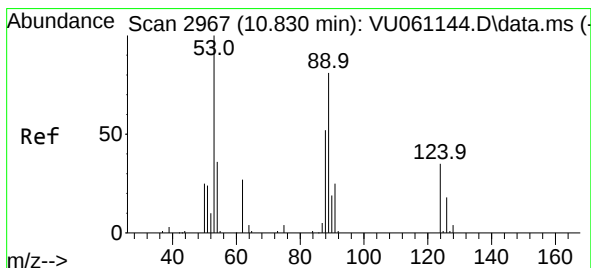
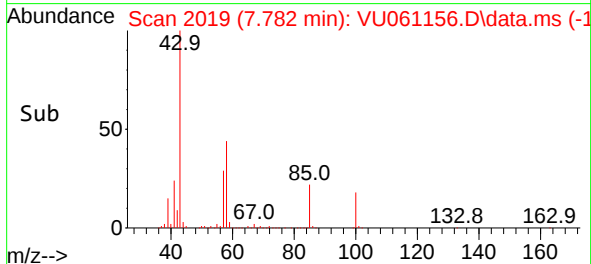
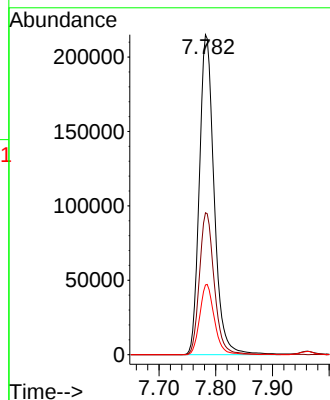
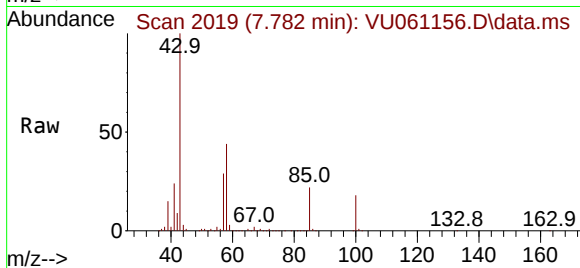
85 21.8 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#46

t-1,4-Dichloro-2-butene

Concen: 21.692 ug/l m

RT: 10.830 min Scan# 2967

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Tgt Ion: 75 Resp: 61162

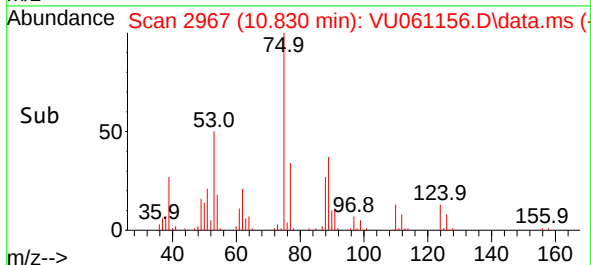
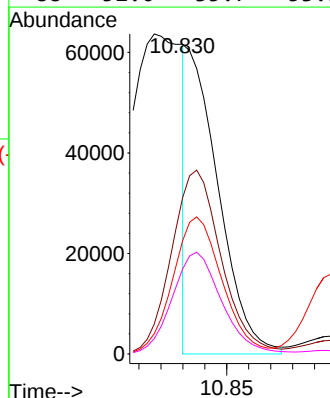
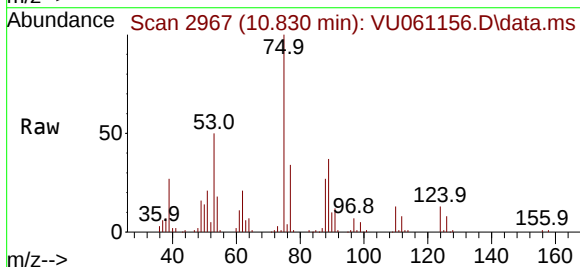
Ion Ratio Lower Upper

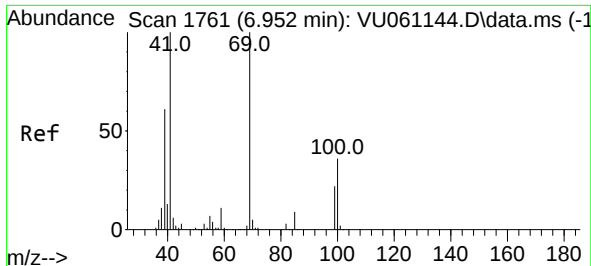
75 100

53 94.5 66.0 99.0

89 70.1 48.0 72.0

88 52.0 35.7 53.5





#47

Methyl methacrylate

Concen: 23.121 ug/l

RT: 6.952 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 14155

Ion Ratio Lower Upper

69 100

41 97.1 0.0 196.0

39 58.7 48.0 72.0

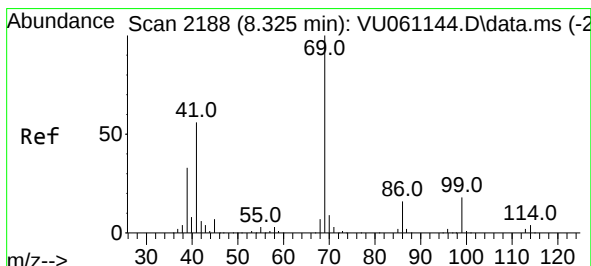
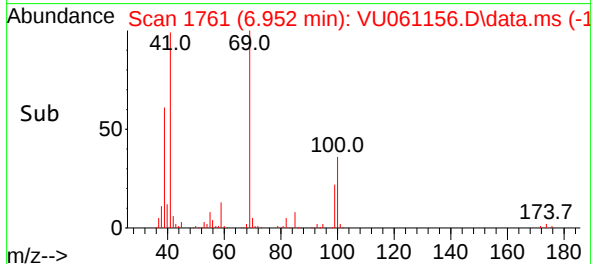
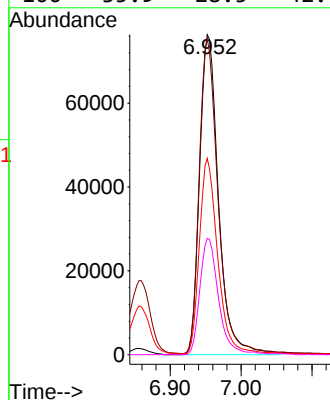
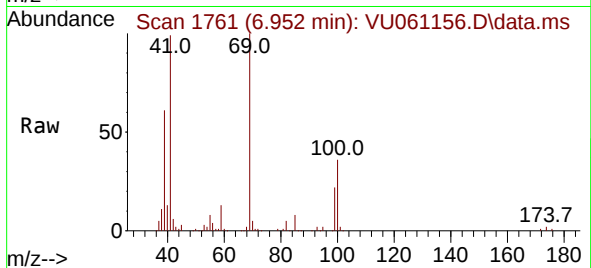
100 35.9 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#48

Ethyl methacrylate

Concen: 11.437 ug/l

RT: 8.325 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VU061156.D

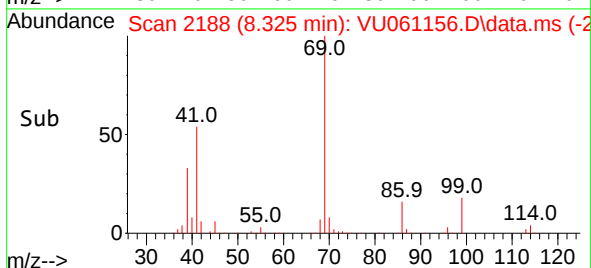
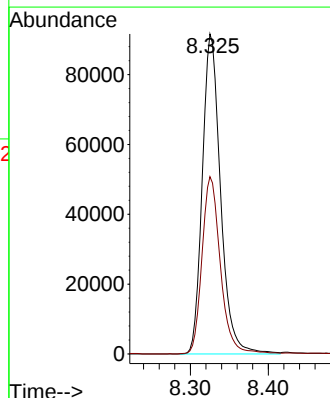
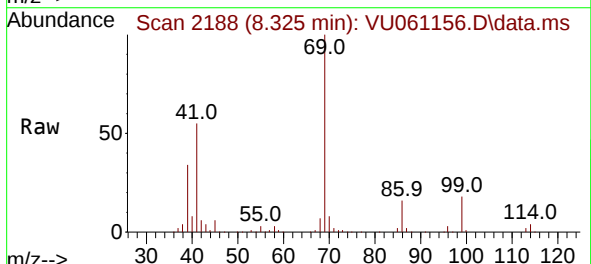
Acq: 18 Oct 2024 10:26

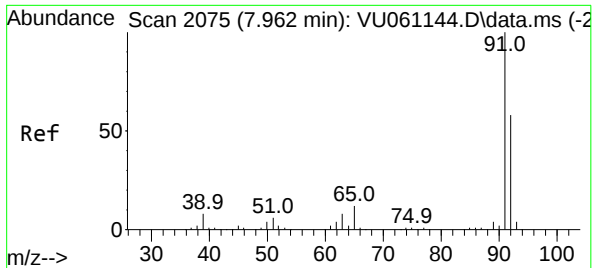
Tgt Ion: 69 Resp: 149301

Ion Ratio Lower Upper

69 100

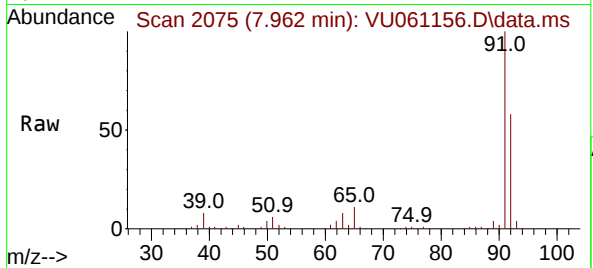
41 55.9 28.1 84.3





#49  
Toluene  
Concen: 11.294 ug/l  
RT: 7.962 min Scan# 2075  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

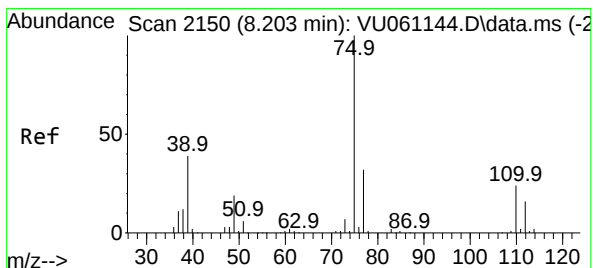
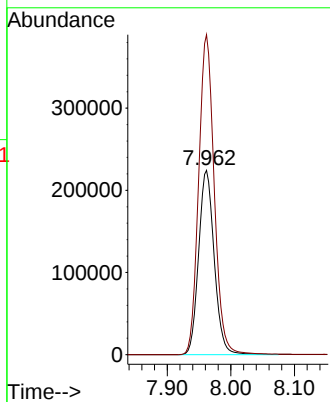
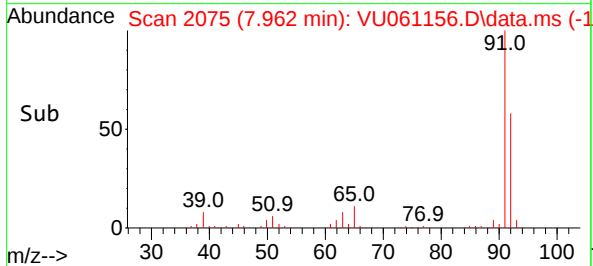
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



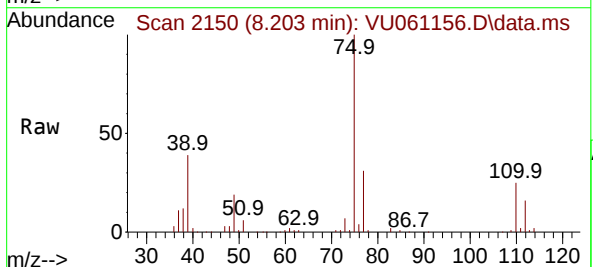
Tgt Ion: 92 Resp: 382712  
Ion Ratio Lower Upper  
92 100  
91 173.3 139.1 208.7

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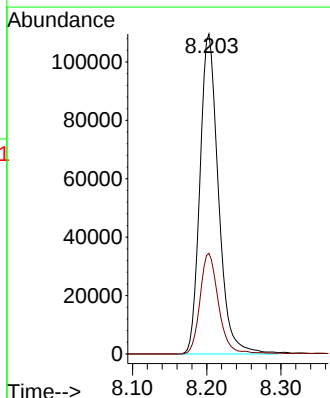
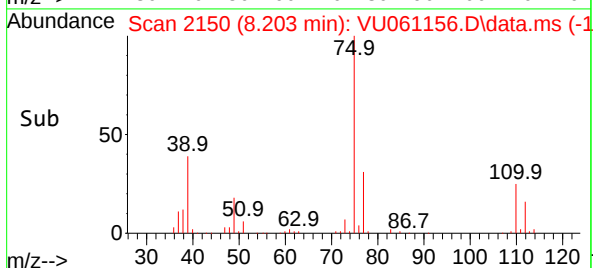
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

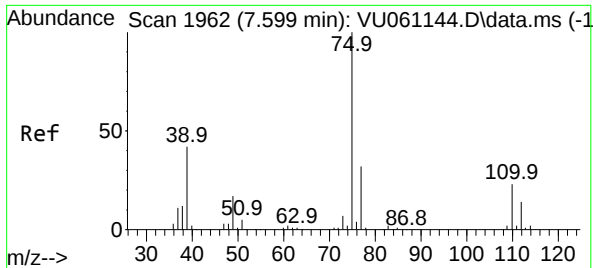


#50  
t-1,3-Dichloropropene  
Concen: 11.477 ug/l  
RT: 8.203 min Scan# 2150  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26



Tgt Ion: 75 Resp: 189548  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.9 38.9





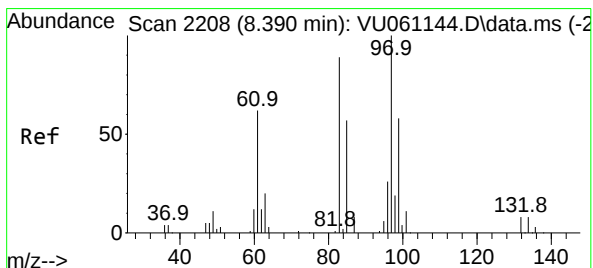
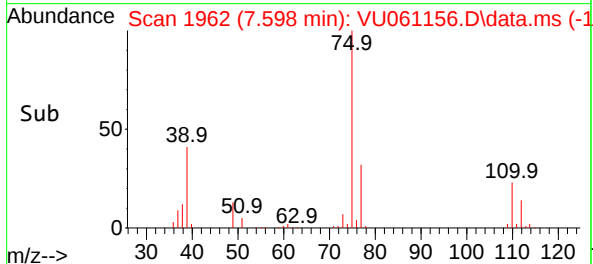
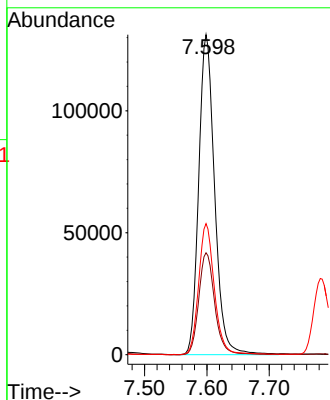
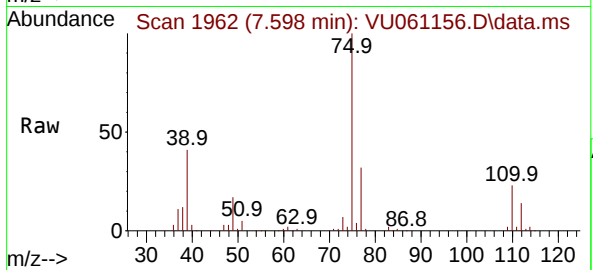
#51  
 cis-1,3-Dichloropropene  
 Concen: 11.455 ug/l  
 RT: 7.598 min Scan# 1962  
 Delta R.T. -0.000 min  
 Lab File: VU061156.D  
 Acq: 18 Oct 2024 10:26

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

Tgt Ion: 75 Resp: 232124  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.8 38.8  
 39 41.0 33.7 50.5

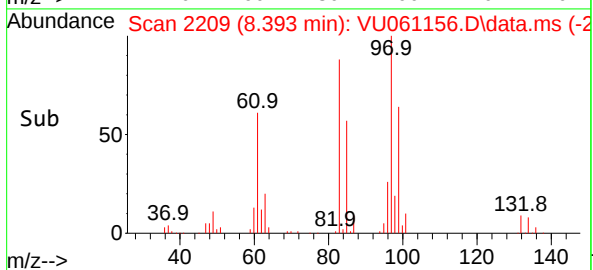
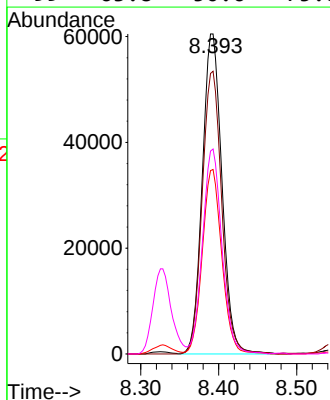
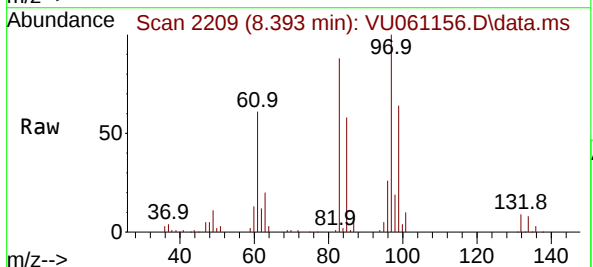
Manual Integrations  
 APPROVED

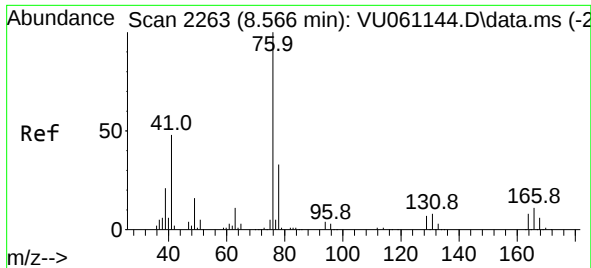
Reviewed By :Mahesh Dadoda 10/25/2024  
 Supervised By :Semsettin Yesilyurt 10/25/2024



#52  
 1,1,2-Trichloroethane  
 Concen: 11.182 ug/l  
 RT: 8.393 min Scan# 2209  
 Delta R.T. 0.003 min  
 Lab File: VU061156.D  
 Acq: 18 Oct 2024 10:26

Tgt Ion: 97 Resp: 106237  
 Ion Ratio Lower Upper  
 97 100  
 83 88.3 71.0 106.4  
 85 57.7 46.1 69.1  
 99 63.8 50.6 75.8





#53

1,3-Dichloropropane

Concen: 11.118 ug/l

RT: 8.566 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 185529

Ion Ratio Lower Upper

76 100

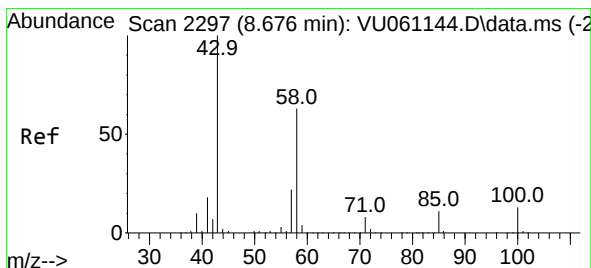
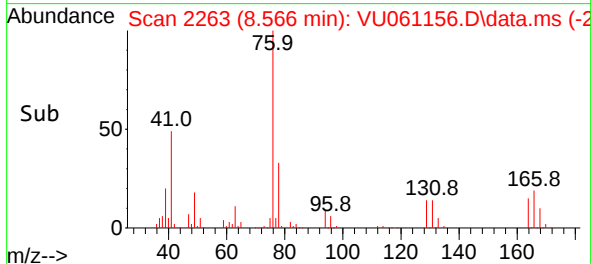
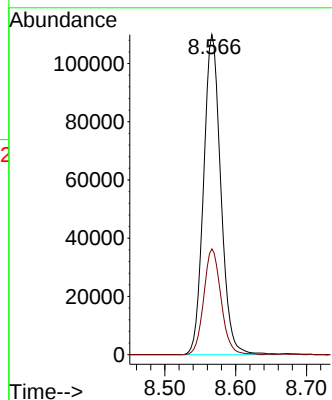
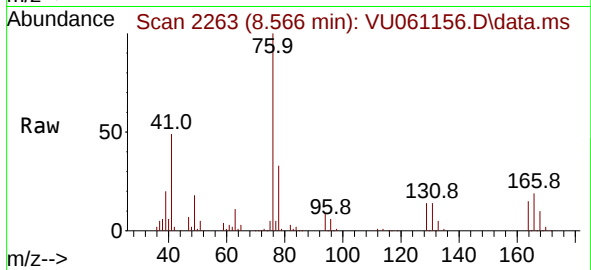
78 33.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#54

2-Hexanone

Concen: 53.389 ug/l

RT: 8.679 min Scan# 2298

Delta R.T. 0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

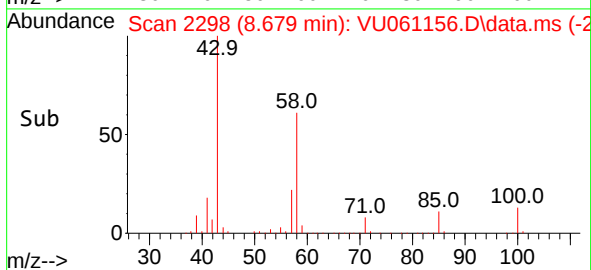
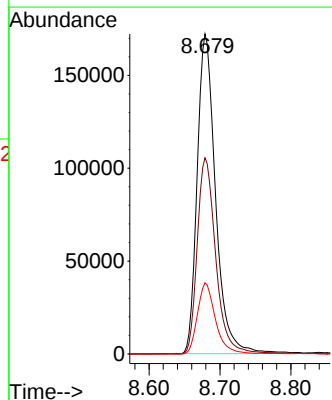
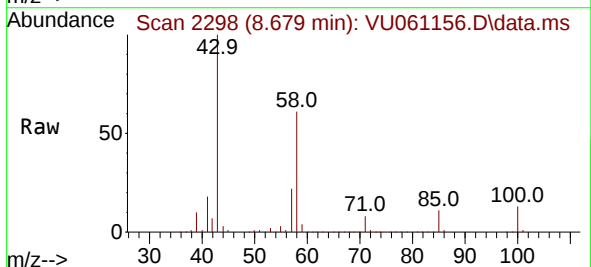
Tgt Ion: 43 Resp: 310141

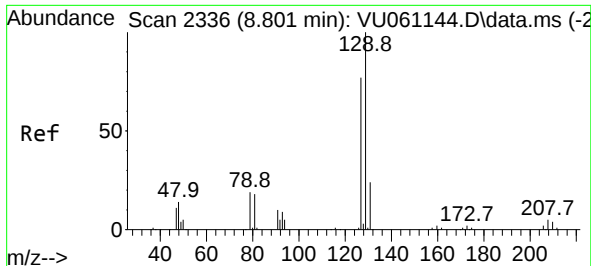
Ion Ratio Lower Upper

43 100

58 62.0 41.8 81.8

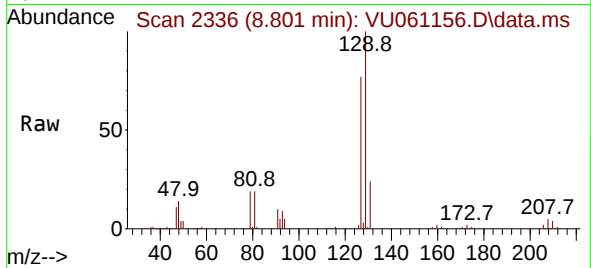
57 21.8 1.4 41.4





#55  
Dibromochloromethane  
Concen: 11.541 ug/l  
RT: 8.801 min Scan# 2336  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

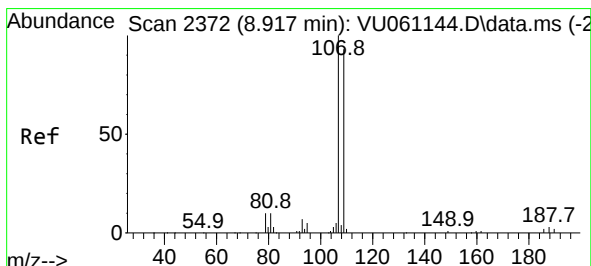
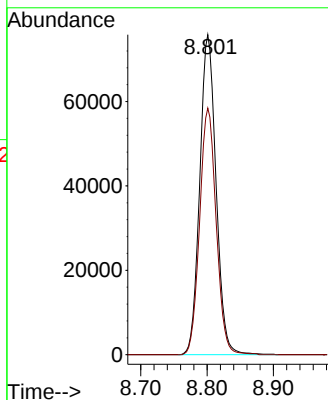
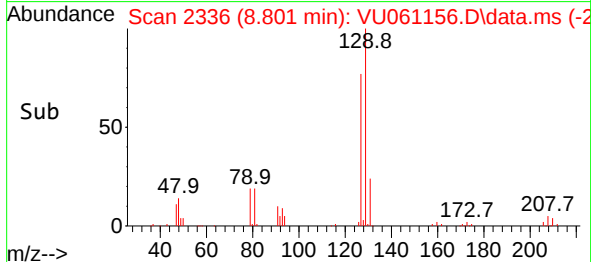
Instrument : MSVOA\_U  
ClientSampleId : VSTDCCC010



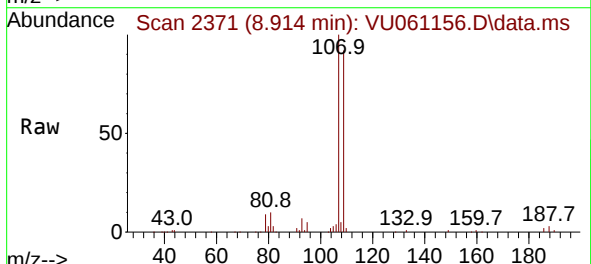
Tgt Ion:129 Resp: 129438  
Ion Ratio Lower Upper  
129 100  
127 78.2 61.9 92.9

Manual Integrations  
APPROVED

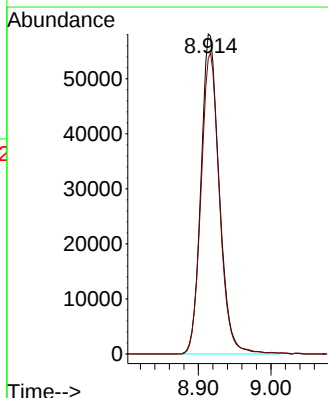
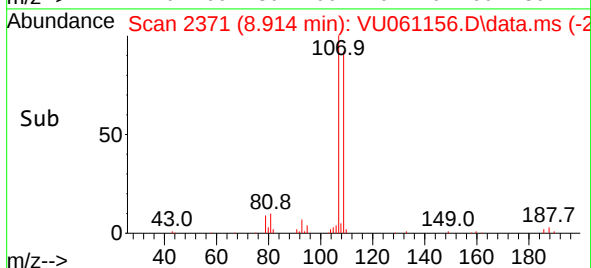
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

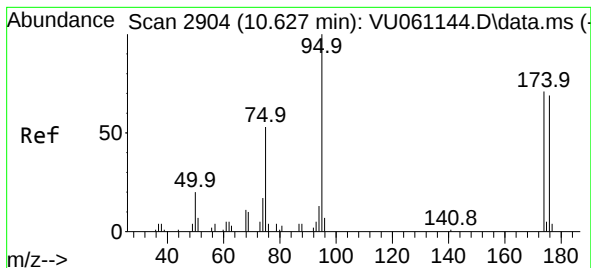


#56  
1,2-Dibromoethane  
Concen: 11.162 ug/l  
RT: 8.914 min Scan# 2371  
Delta R.T. -0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26



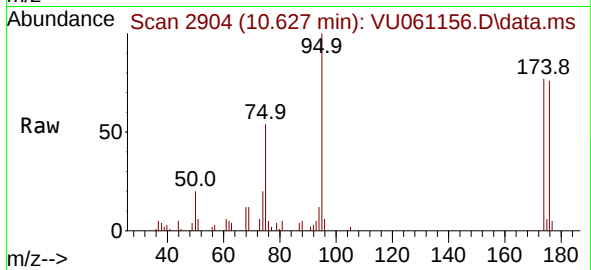
Tgt Ion:107 Resp: 101748  
Ion Ratio Lower Upper  
107 100  
109 94.6 0.0 185.2





#57  
4-Bromofluorobenzene  
Concen: 1.024 ug/l  
RT: 10.627 min Scan# 2904  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

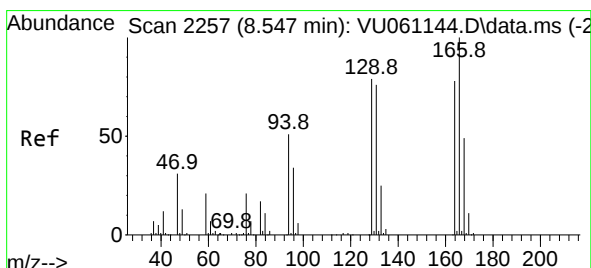
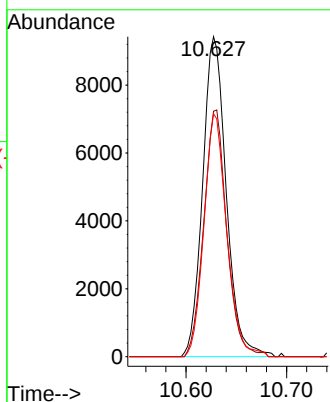
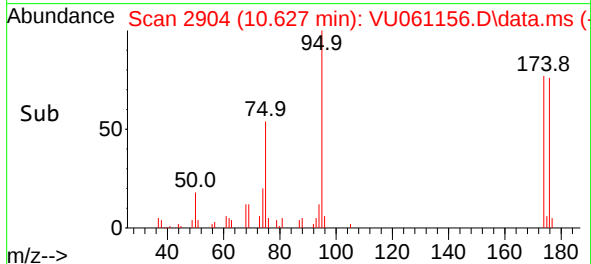
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 95 Resp: 15374  
Ion Ratio Lower Upper  
95 100  
174 74.9 55.4 83.0  
176 73.3 54.4 81.6

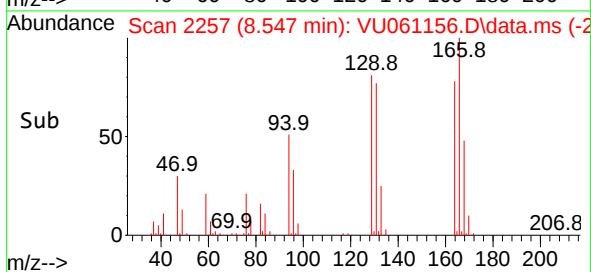
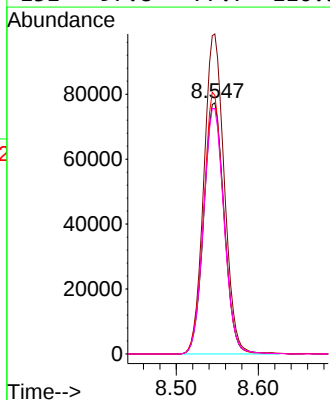
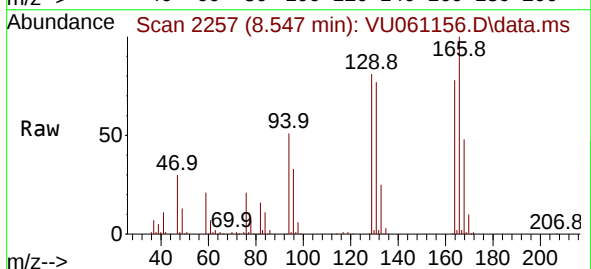
Manual Integrations  
APPROVED

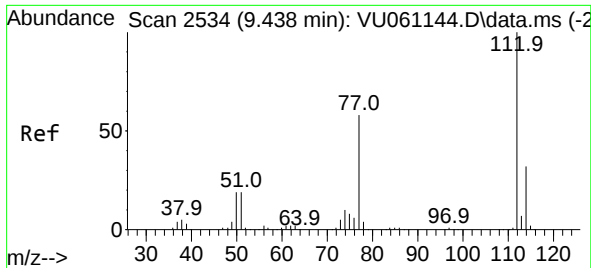
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#58  
Tetrachloroethene  
Concen: 10.986 ug/l  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

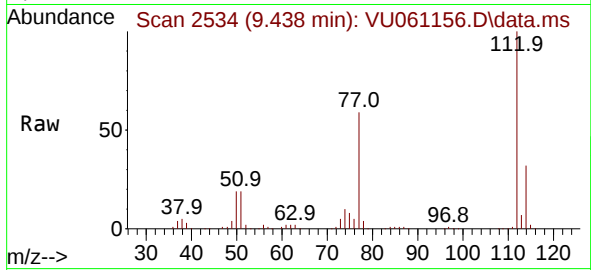
Tgt Ion:164 Resp: 133360  
Ion Ratio Lower Upper  
164 100  
166 127.4 102.1 153.1  
129 103.1 80.6 120.8  
131 97.8 77.7 116.5





#59  
Chlorobenzene  
Concen: 11.137 ug/l  
RT: 9.438 min Scan# 2534  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

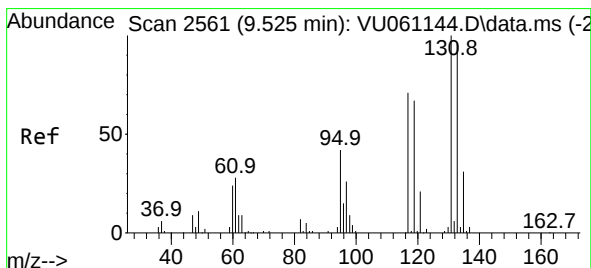
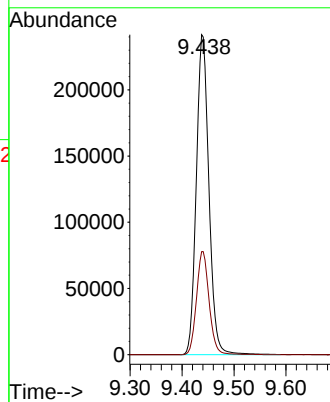
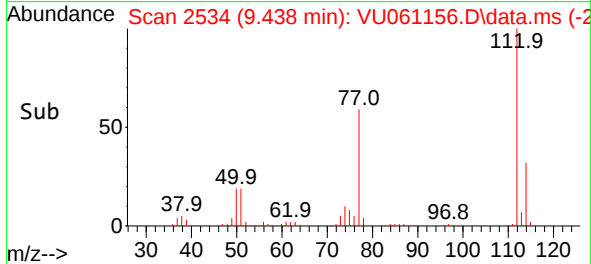
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



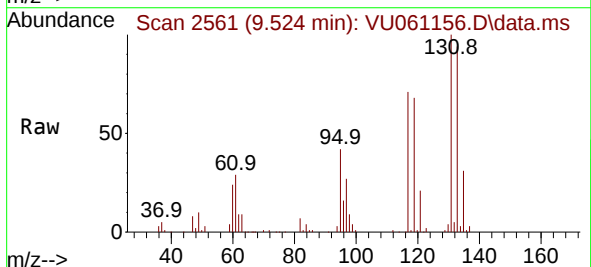
Tgt Ion:112 Resp: 406510  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.4 38.2

Manual Integrations  
APPROVED

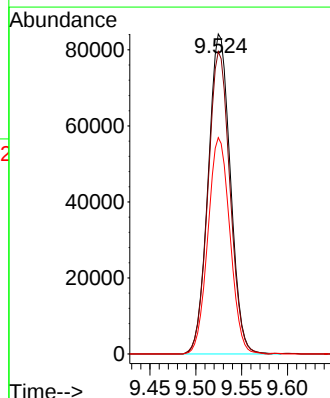
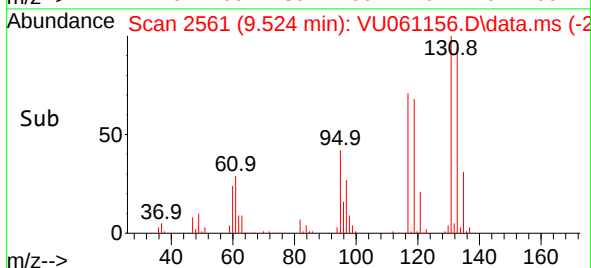
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

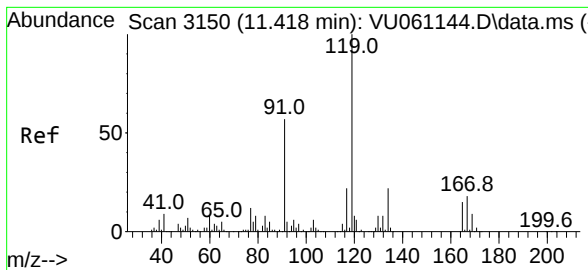


#60  
1,1,1,2-Tetrachloroethane  
Concen: 11.492 ug/l  
RT: 9.524 min Scan# 2561  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26



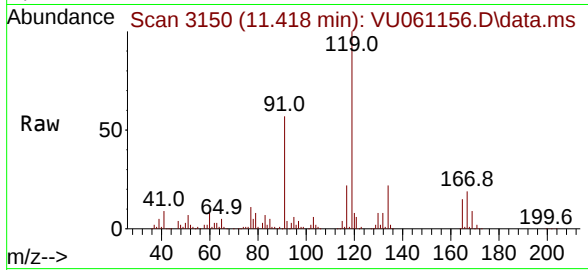
Tgt Ion:131 Resp: 141516  
Ion Ratio Lower Upper  
131 100  
133 93.9 76.8 115.2  
119 67.2 54.2 81.2





#61  
 Pentachloroethane  
 Concen: 11.833 ug/l  
 RT: 11.418 min Scan# 3150  
 Delta R.T. -0.000 min  
 Lab File: VU061156.D  
 Acq: 18 Oct 2024 10:26

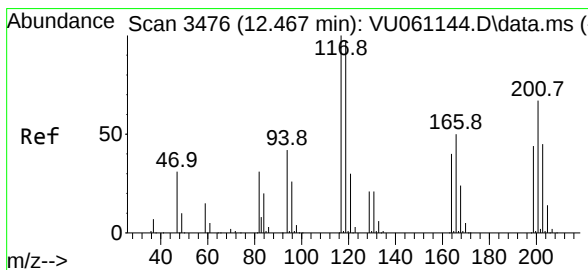
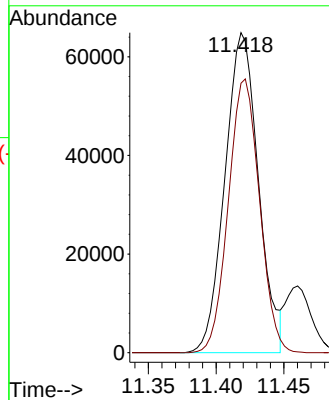
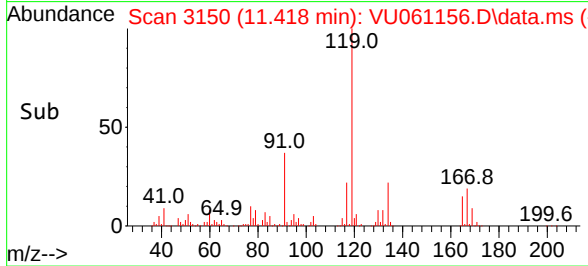
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010



Tgt Ion:117 Resp: 111509  
 Ion Ratio Lower Upper  
 117 100  
 167 79.6 63.4 95.2

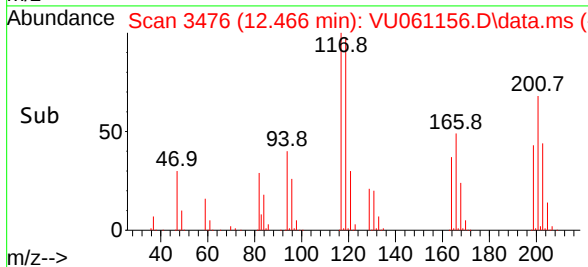
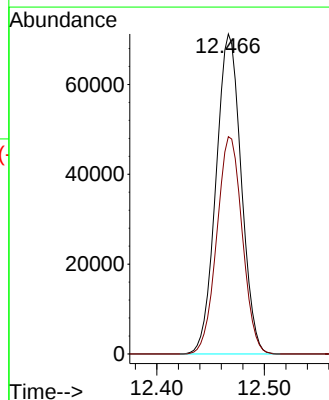
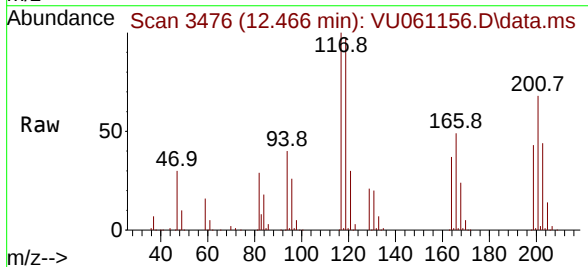
Manual Integrations  
 APPROVED

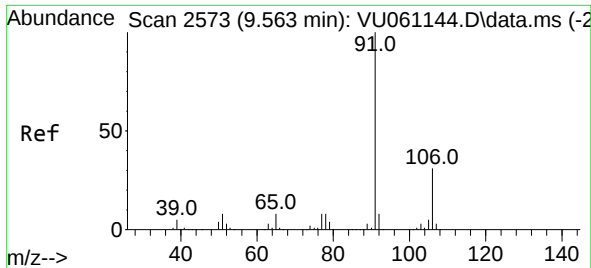
Reviewed By :Mahesh Dadoda 10/25/2024  
 Supervised By :Semsettin Yesilyurt 10/25/2024



#62  
 Hexachloroethane  
 Concen: 11.943 ug/l  
 RT: 12.466 min Scan# 3476  
 Delta R.T. -0.000 min  
 Lab File: VU061156.D  
 Acq: 18 Oct 2024 10:26

Tgt Ion:117 Resp: 115959  
 Ion Ratio Lower Upper  
 117 100  
 201 68.6 54.3 81.5





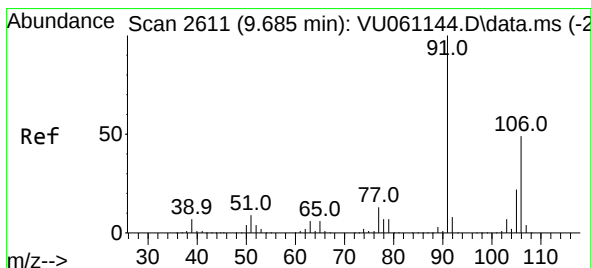
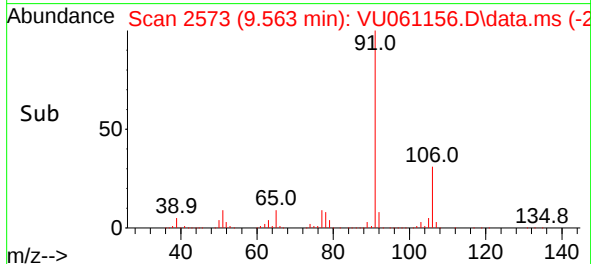
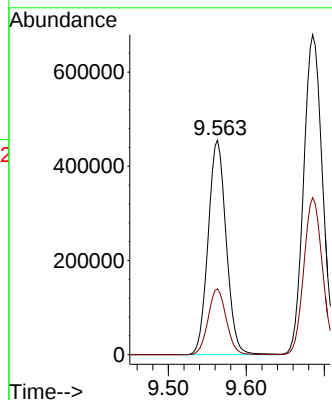
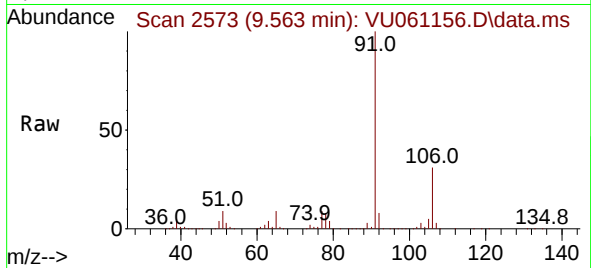
#63  
Ethyl Benzene  
Concen: 11.207 ug/l  
RT: 9.563 min Scan# 2573  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 91 Resp: 73284  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.6 37.0

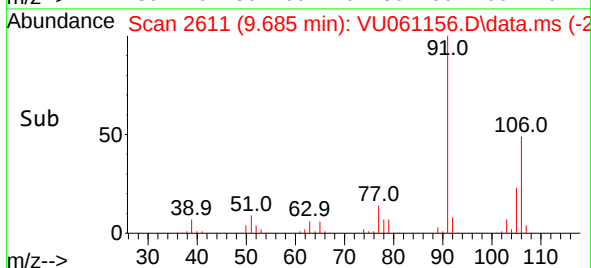
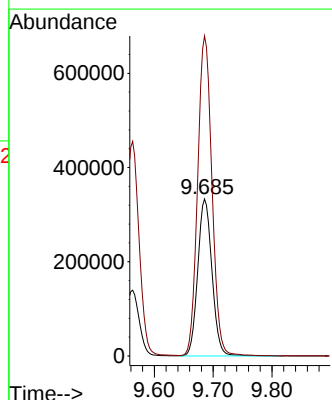
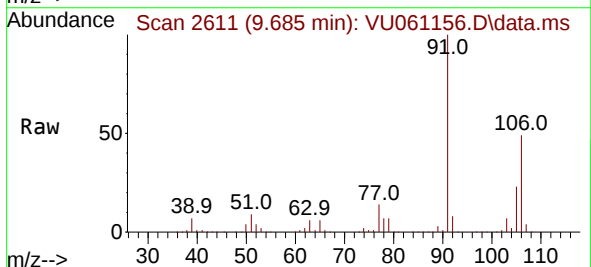
Manual Integrations  
APPROVED

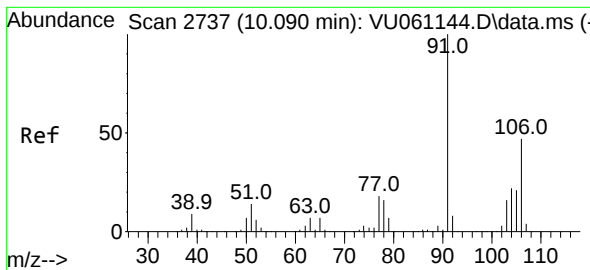
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#64  
m/p-Xylenes  
Concen: 22.486 ug/l  
RT: 9.685 min Scan# 2611  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Tgt Ion:106 Resp: 559613  
Ion Ratio Lower Upper  
106 100  
91 205.0 163.3 244.9





#65

o-Xylene

Concen: 11.271 ug/l

RT: 10.094 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion:106 Resp: 27628

Ion Ratio Lower Upper

106 100

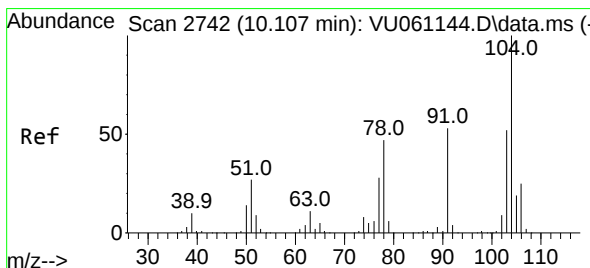
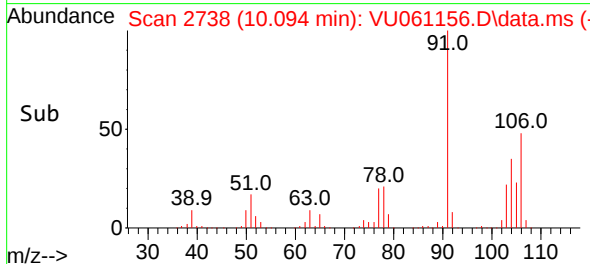
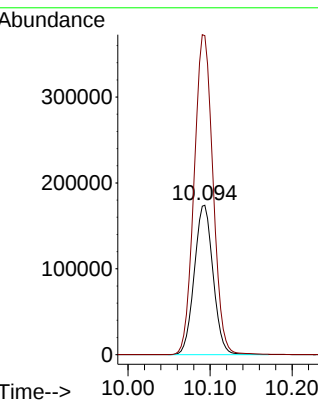
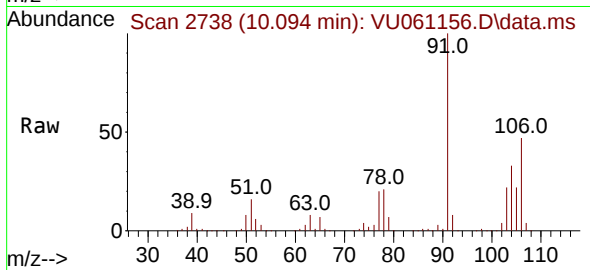
91 215.2 106.9 320.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#66

Styrene

Concen: 11.593 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

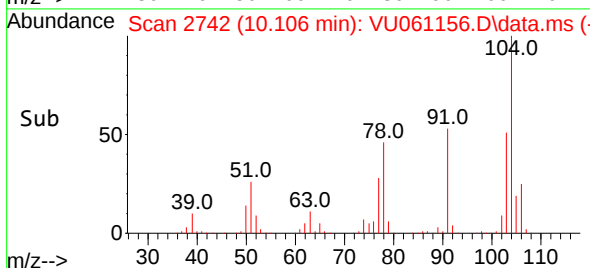
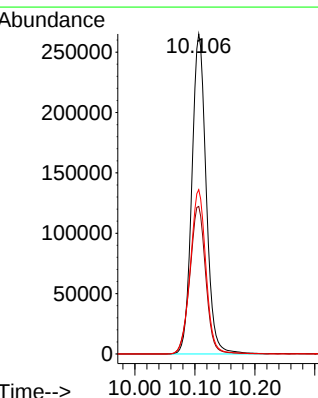
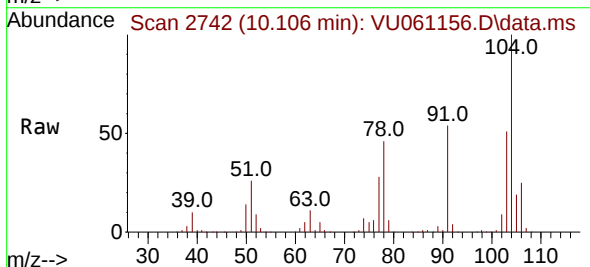
Tgt Ion:104 Resp: 441977

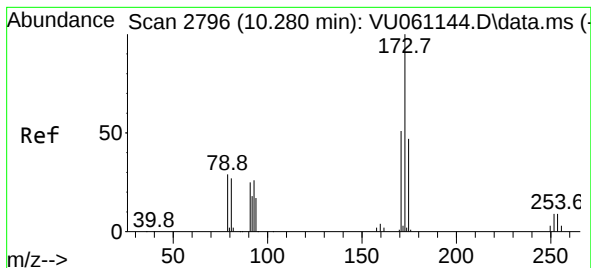
Ion Ratio Lower Upper

104 100

78 51.1 41.6 62.4

103 55.8 45.0 67.6





#67

Bromoform

Concen: 11.819 ug/l

RT: 10.283 min Scan# 2796

Delta R.T. 0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

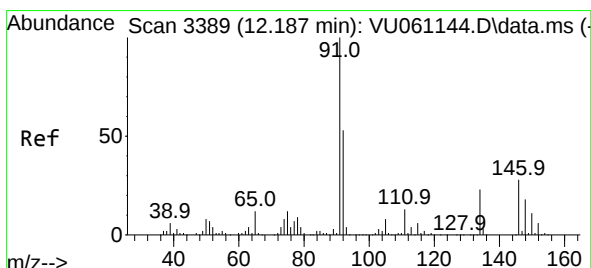
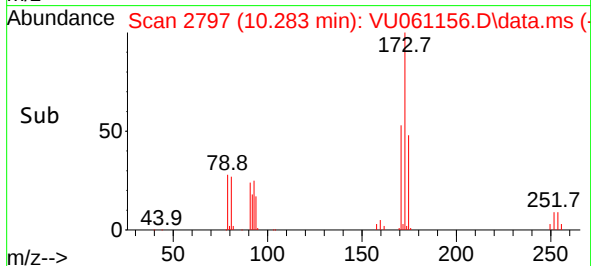
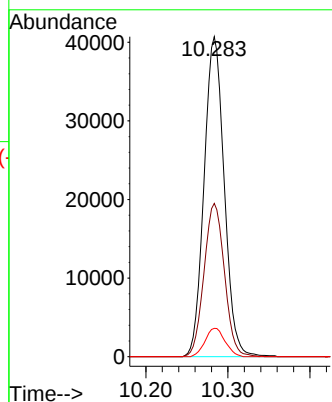
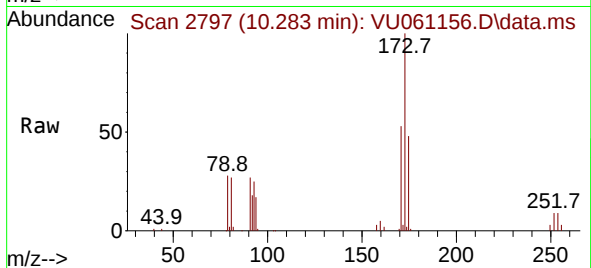
VSTDCCC010

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 6941 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 48.5  | 37.8  | 56.8 |
| 254       | 8.8   | 7.0   | 10.4 |

Manual Integrations

APPROVED

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



#68

1,2-Dichlorobenzene-d4

Concen: 1.062 ug/l

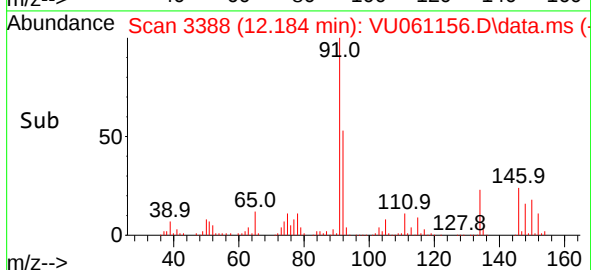
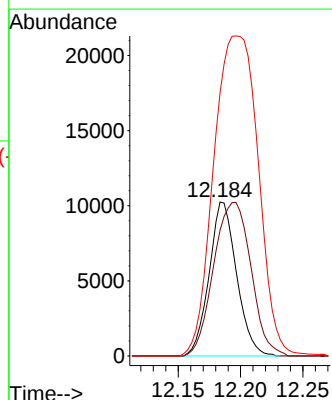
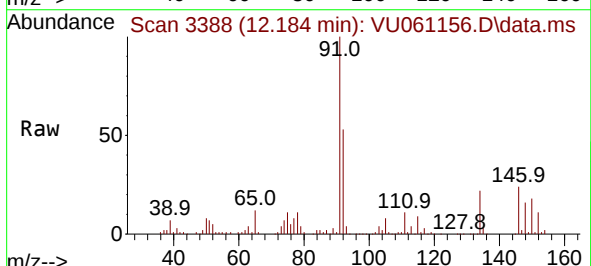
RT: 12.184 min Scan# 3388

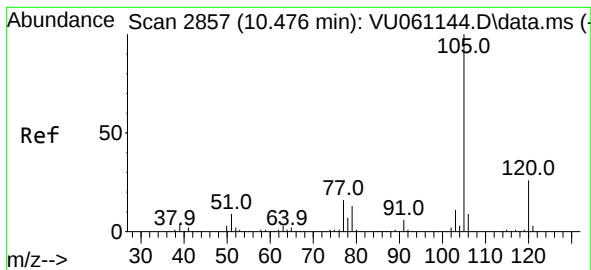
Delta R.T. -0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 15712 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 135.3 | 0.0   | 275.0 |
| 150       | 337.0 | 0.0   | 668.8 |





#69  
Isopropylbenzene  
Concen: 11.247 ug/l  
RT: 10.476 min Scan# 2857  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

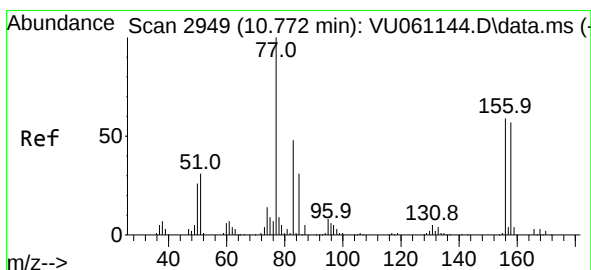
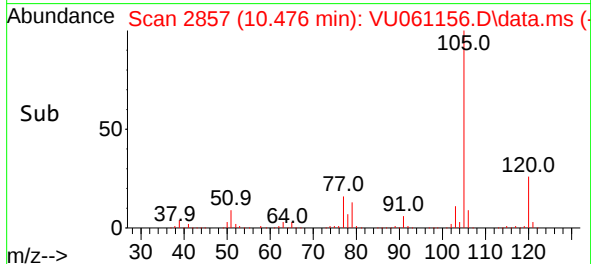
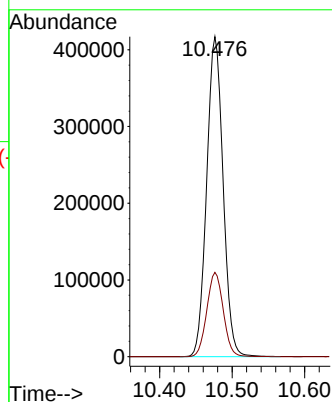
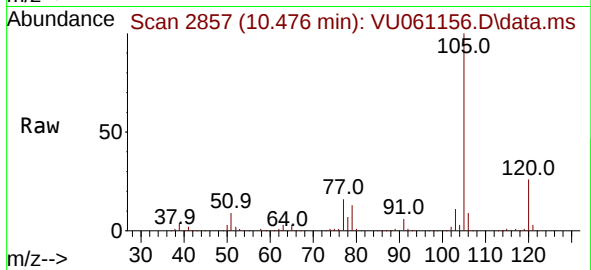
VSTDCCC010

Tgt Ion:105 Resp: 655838  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.1 39.1

Manual Integrations

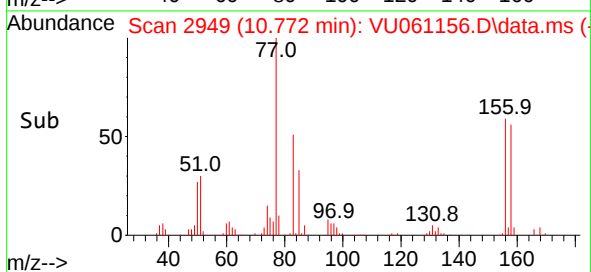
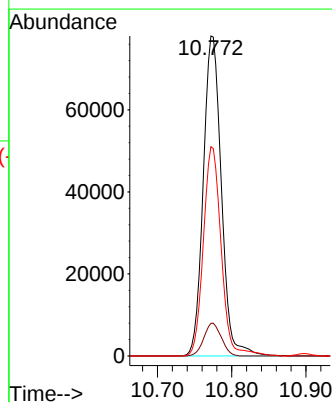
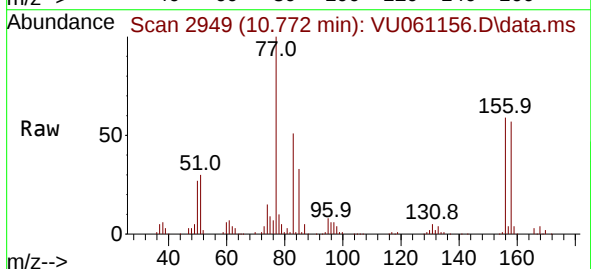
APPROVED

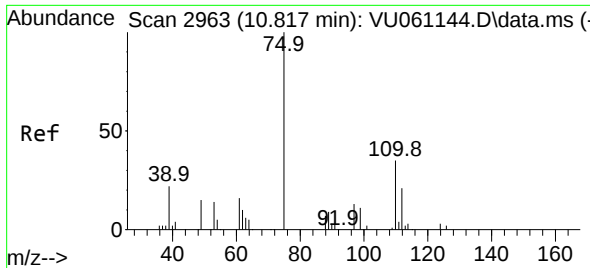
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#70  
1,1,2,2-Tetrachloroethane  
Concen: 11.434 ug/l  
RT: 10.772 min Scan# 2949  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

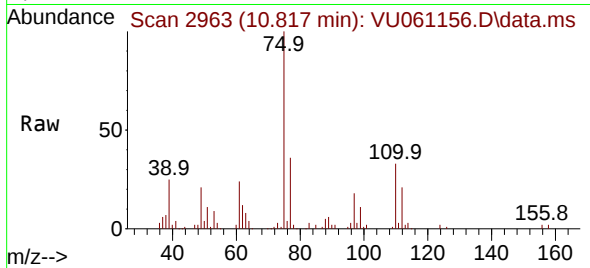
Tgt Ion: 83 Resp: 131940  
Ion Ratio Lower Upper  
83 100  
131 9.9 7.8 11.8  
85 64.3 50.8 76.2





#71  
1,2,3-Trichloropropane  
Concen: 10.778 ug/l m  
RT: 10.817 min Scan# 2963  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

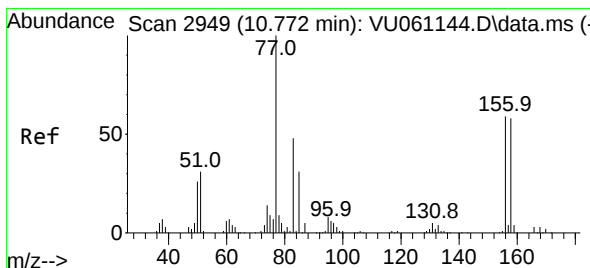
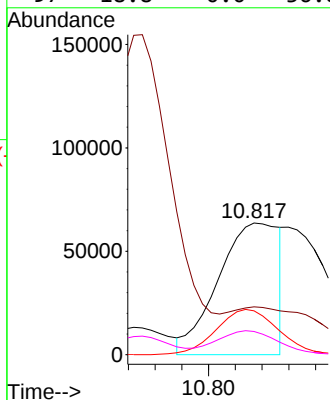
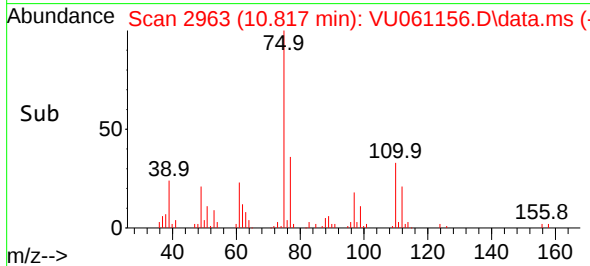
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



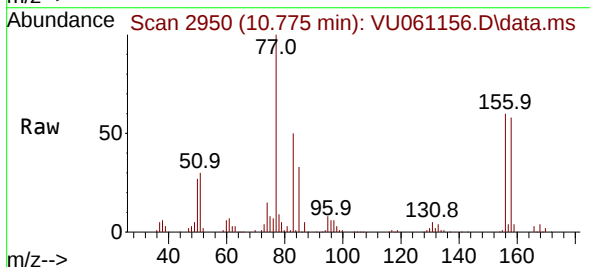
Tgt Ion: 75 Resp: 101290  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0  
110 35.0 0.0 68.6  
97 18.8 0.0 36.8

Manual Integrations  
APPROVED

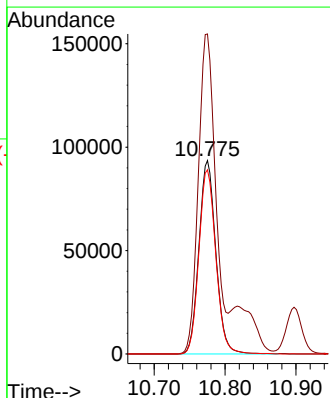
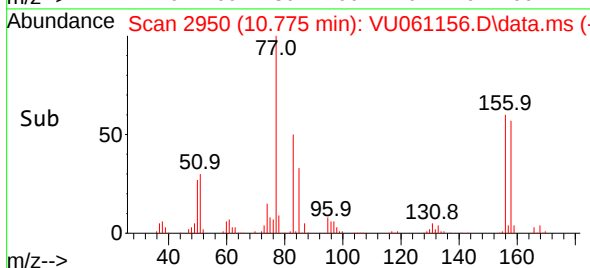
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

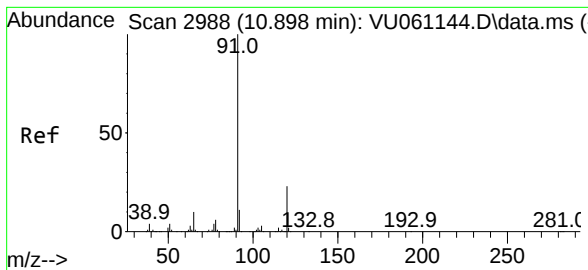


#72  
Bromobenzene  
Concen: 11.054 ug/l  
RT: 10.775 min Scan# 2950  
Delta R.T. 0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26



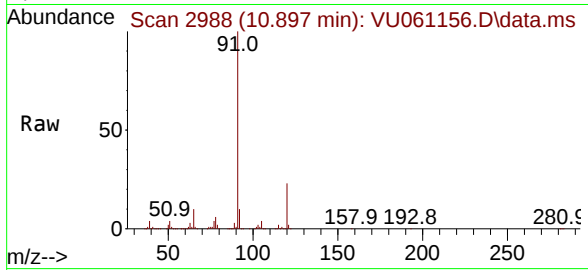
Tgt Ion:156 Resp: 154990  
Ion Ratio Lower Upper  
156 100  
77 168.3 0.0 337.2  
158 95.5 0.0 192.8





#73  
n-propylbenzene  
Concen: 11.522 ug/l  
RT: 10.897 min Scan# 2988  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

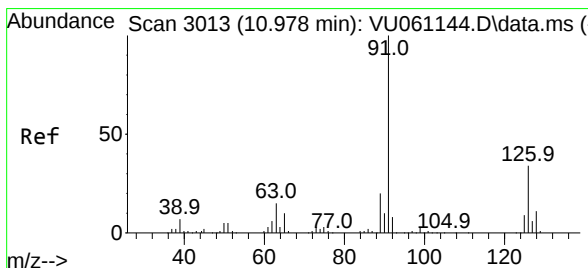
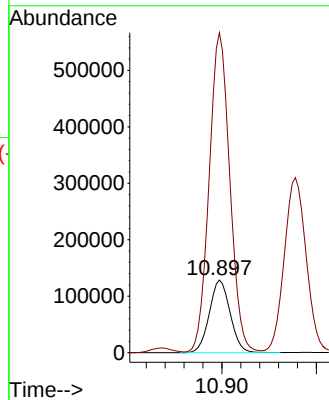
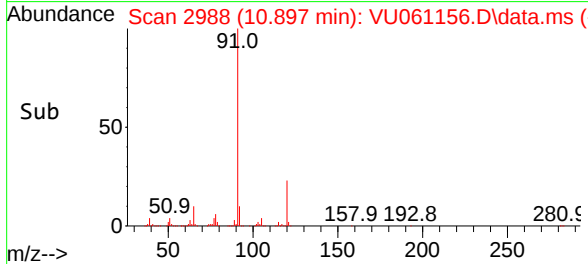
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



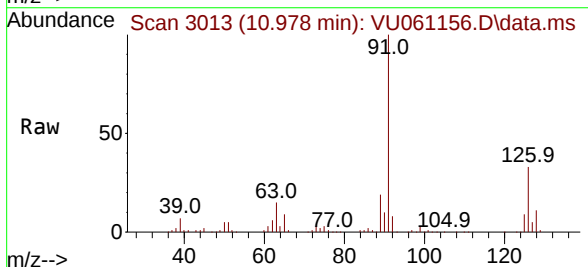
Tgt Ion:120 Resp: 196060  
Ion Ratio Lower Upper  
120 100  
91 436.5 353.6 530.4

Manual Integrations  
APPROVED

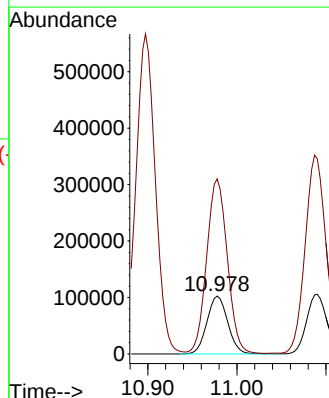
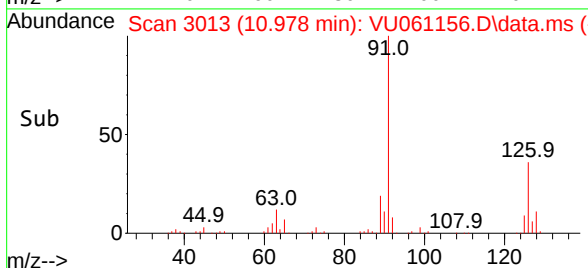
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

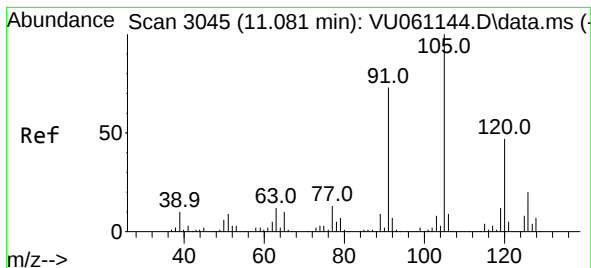


#74  
2-Chlorotoluene  
Concen: 11.289 ug/l  
RT: 10.978 min Scan# 3013  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26



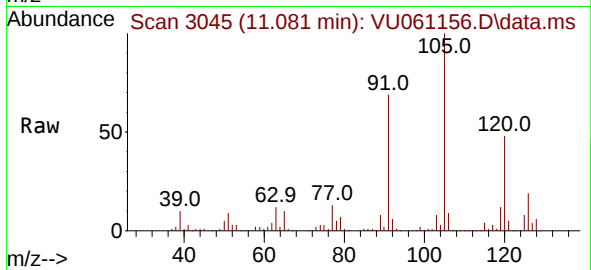
Tgt Ion:126 Resp: 166142  
Ion Ratio Lower Upper  
126 100  
91 298.4 0.0 595.2





#75  
1,3,5-Trimethylbenzene  
Concen: 11.437 ug/l  
RT: 11.081 min Scan# 3045  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

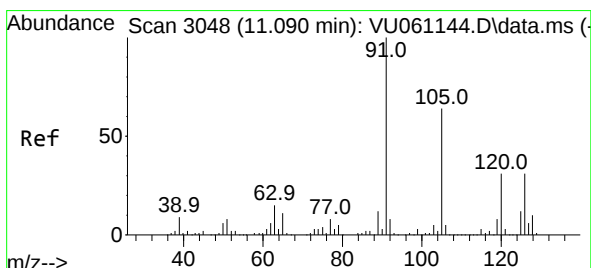
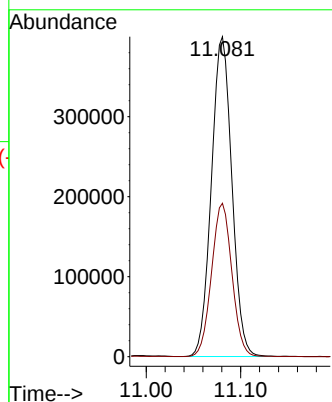
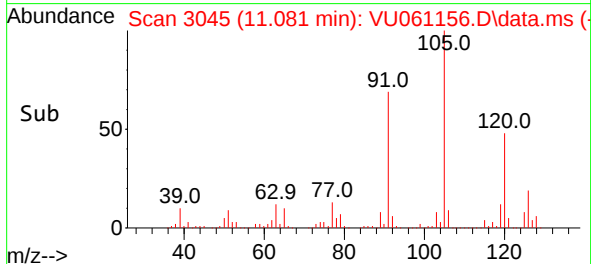
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



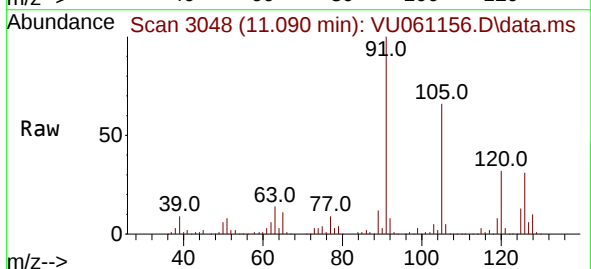
Tgt Ion:105 Resp: 601339  
Ion Ratio Lower Upper  
105 100  
120 47.8 38.0 57.0

Manual Integrations  
APPROVED

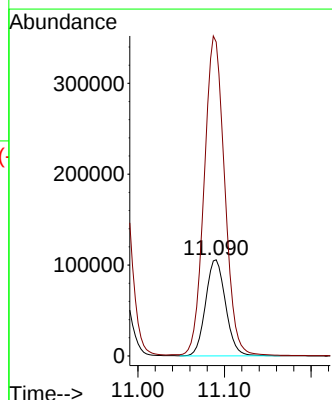
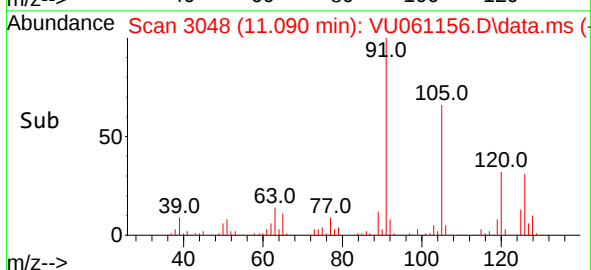
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

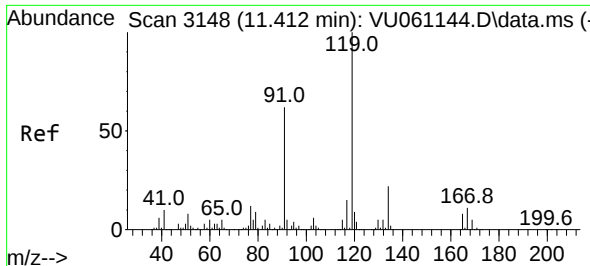


#76  
4-Chlorotoluene  
Concen: 11.326 ug/l  
RT: 11.090 min Scan# 3048  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26



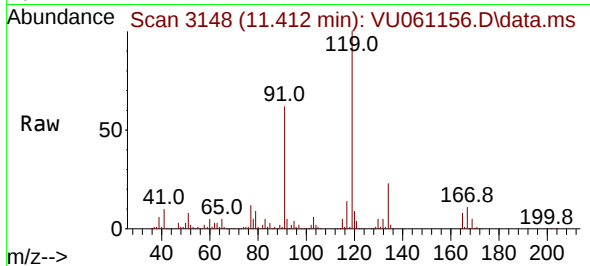
Tgt Ion:126 Resp: 169405  
Ion Ratio Lower Upper  
126 100  
91 342.3 0.0 678.2





#77  
tert-Butylbenzene  
Concen: 11.435 ug/l  
RT: 11.412 min Scan# 3148  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

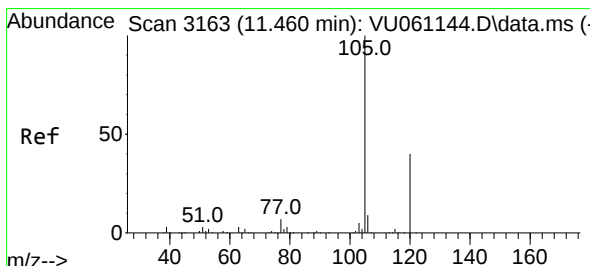
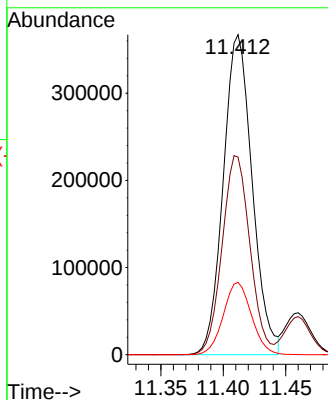
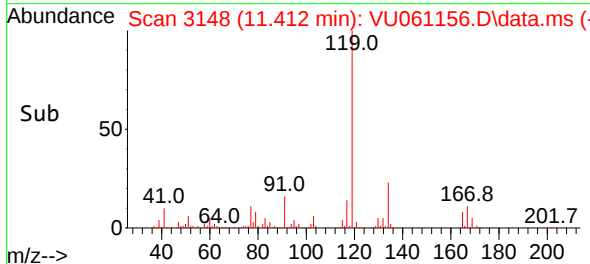
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion:119 Resp: 594280  
Ion Ratio Lower Upper  
119 100  
91 60.0 30.1 90.5  
134 22.0 17.5 26.3

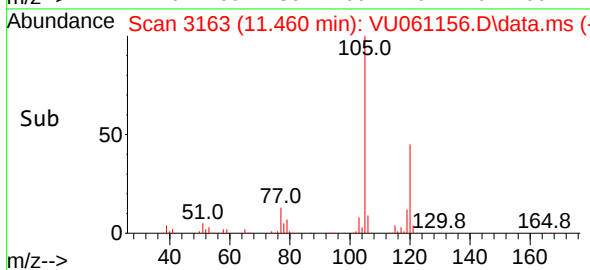
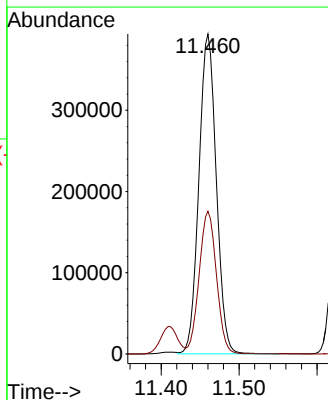
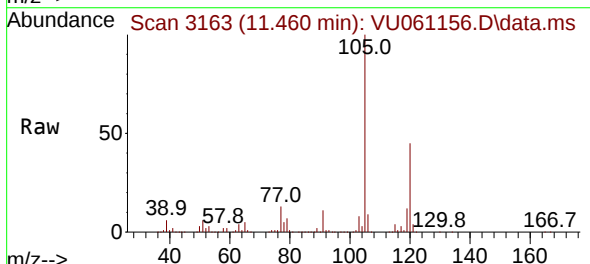
Manual Integrations  
APPROVED

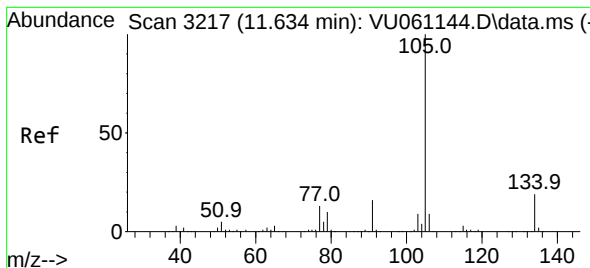
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#78  
1,2,4-Trimethylbenzene  
Concen: 11.453 ug/l  
RT: 11.460 min Scan# 3163  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

Tgt Ion:105 Resp: 607942  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.3 66.9





#79

sec-Butylbenzene

Concen: 11.466 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 77599

Ion Ratio Lower Upper

105 100

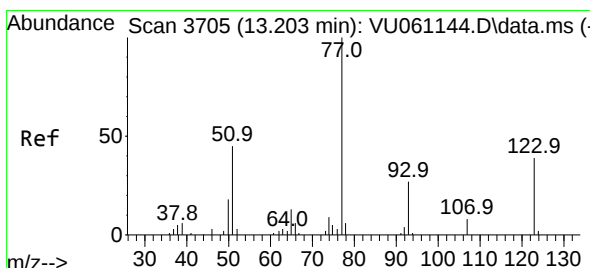
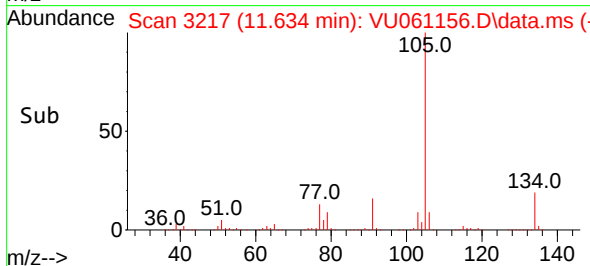
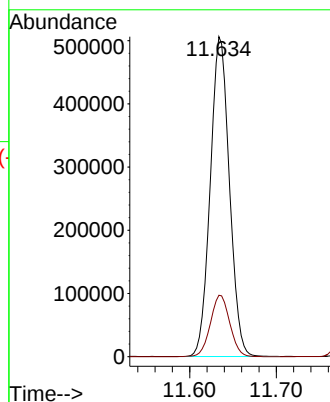
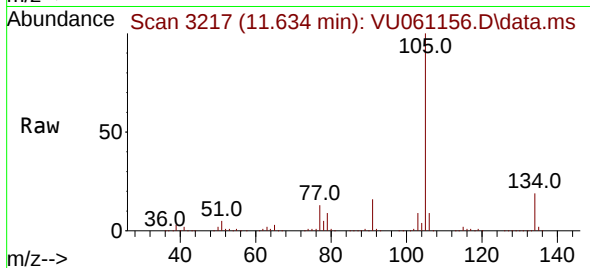
134 19.5 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#80

Nitrobenzene

Concen: 48.625 ug/l m

RT: 13.206 min Scan# 3706

Delta R.T. 0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

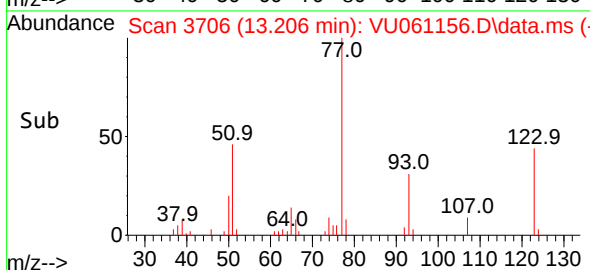
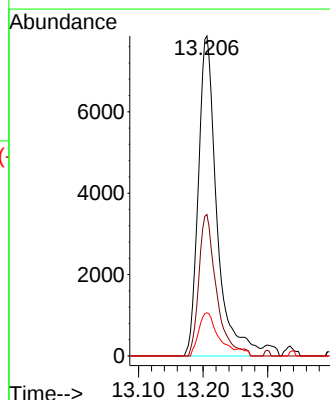
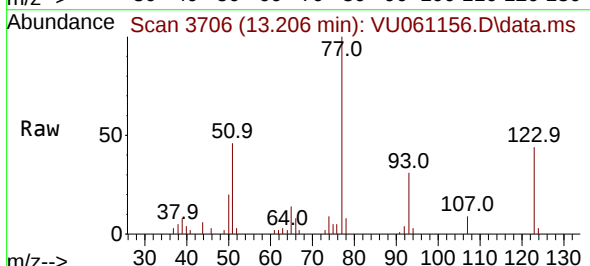
Tgt Ion: 77 Resp: 16017

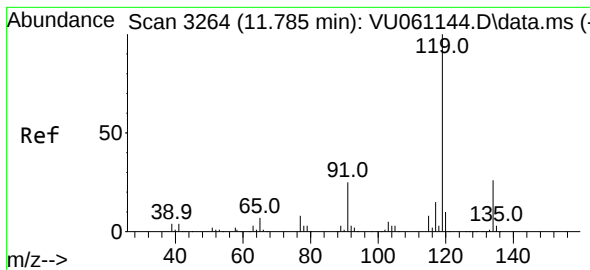
Ion Ratio Lower Upper

77 100

123 41.0 15.6 55.2

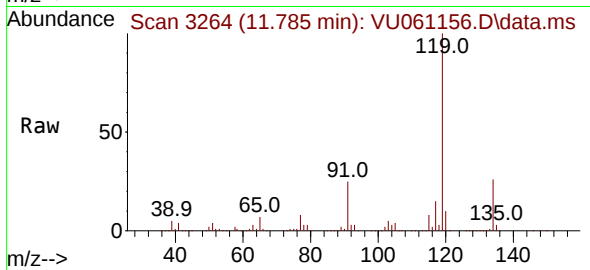
65 11.8 10.7 13.7





#81  
p-Isopropyltoluene  
Concen: 11.518 ug/l  
RT: 11.785 min Scan# 3264  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

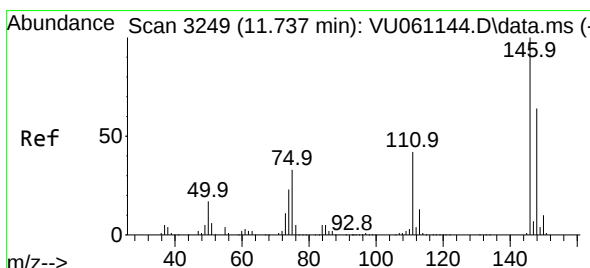
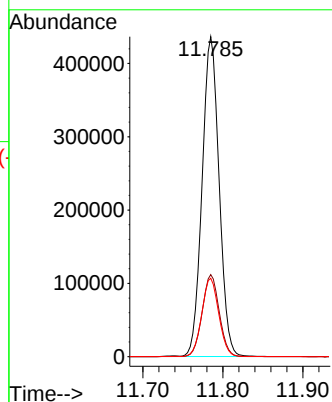
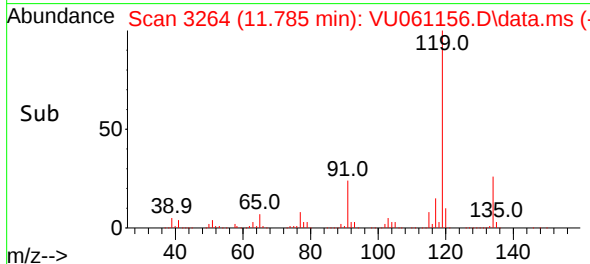
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



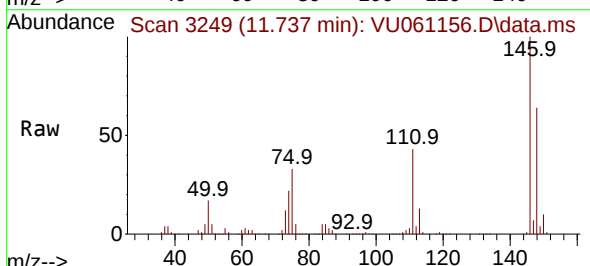
Tgt Ion:119 Resp: 64537  
Ion Ratio Lower Upper  
119 100  
134 25.7 21.0 31.6  
91 24.5 19.8 29.8

Manual Integrations  
APPROVED

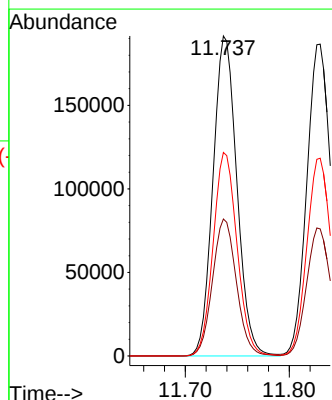
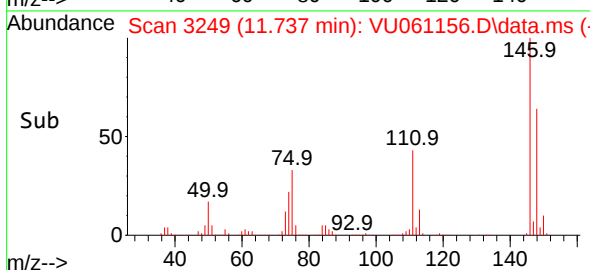
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

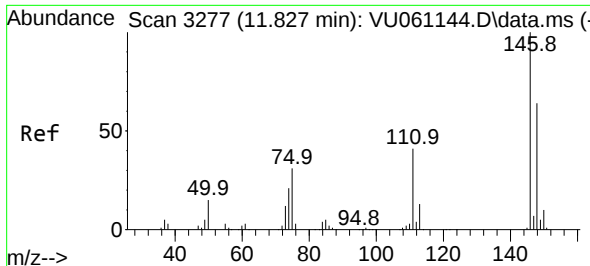


#82  
1,3-Dichlorobenzene  
Concen: 11.387 ug/l  
RT: 11.737 min Scan# 3249  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26



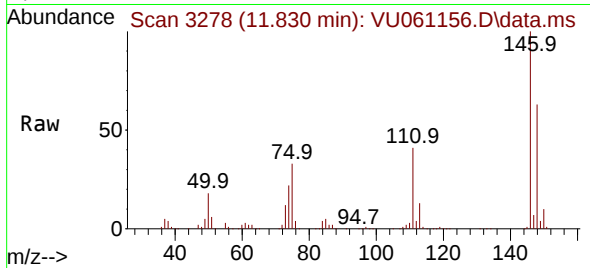
Tgt Ion:146 Resp: 306333  
Ion Ratio Lower Upper  
146 100  
111 42.8 34.1 51.1  
148 63.7 51.2 76.8





#83  
1,4-Dichlorobenzene  
Concen: 11.459 ug/l  
RT: 11.830 min Scan# 3277  
Delta R.T. 0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

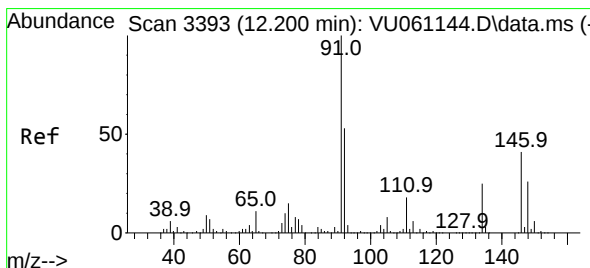
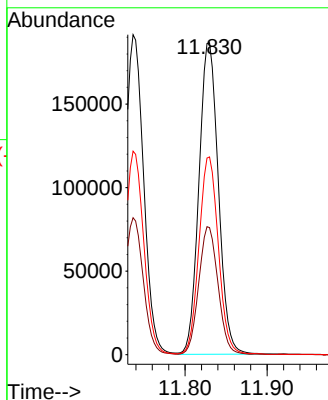
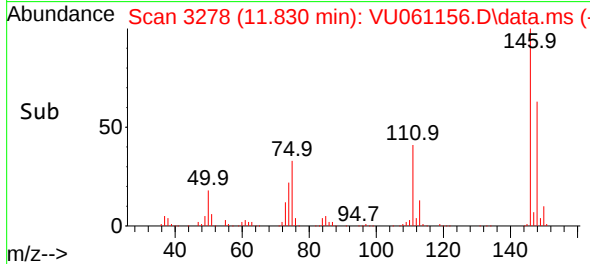
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion:146 Resp: 307340  
Ion Ratio Lower Upper  
146 100  
111 40.4 32.1 48.1  
148 63.3 50.3 75.5

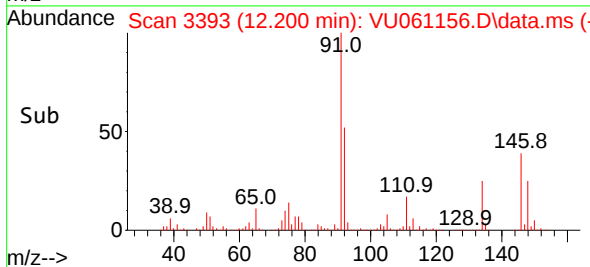
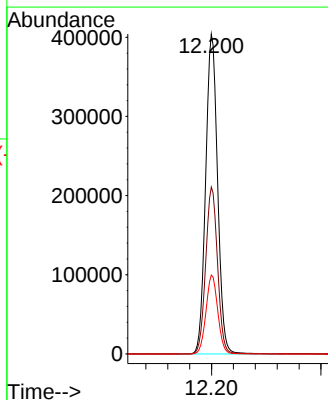
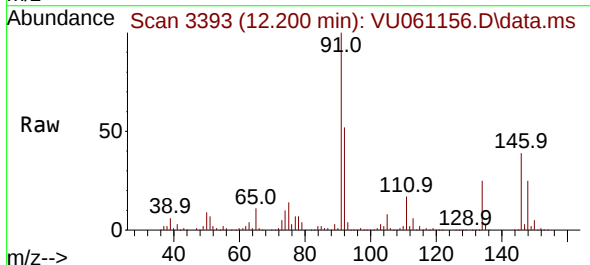
Manual Integrations  
APPROVED

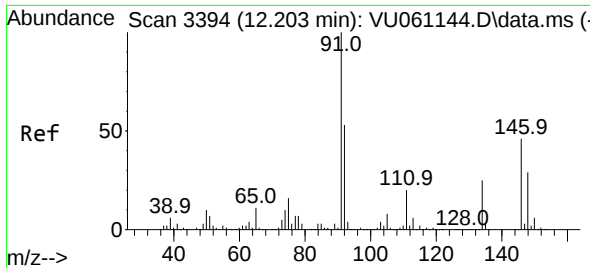
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#84  
n-Butylbenzene  
Concen: 11.752 ug/l  
RT: 12.200 min Scan# 3393  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

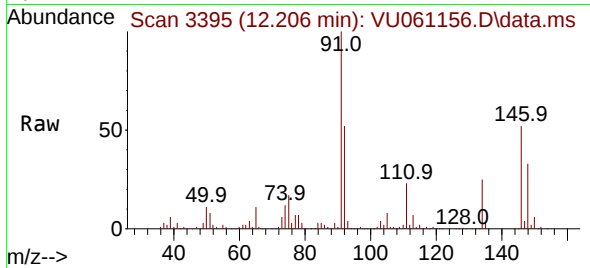
Tgt Ion: 91 Resp: 610936  
Ion Ratio Lower Upper  
91 100  
92 51.8 41.8 62.8  
134 24.4 19.7 29.5





#85  
1,2-Dichlorobenzene  
Concen: 11.390 ug/l  
RT: 12.206 min Scan# 3394  
Delta R.T. 0.003 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

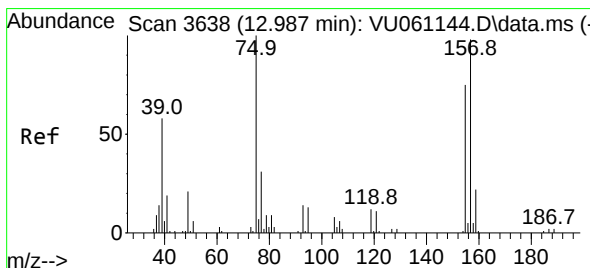
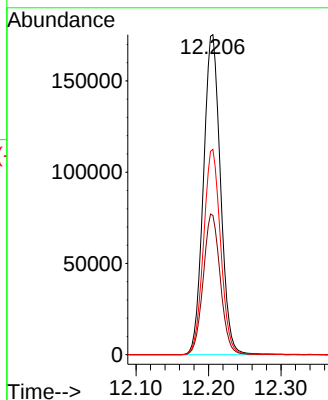
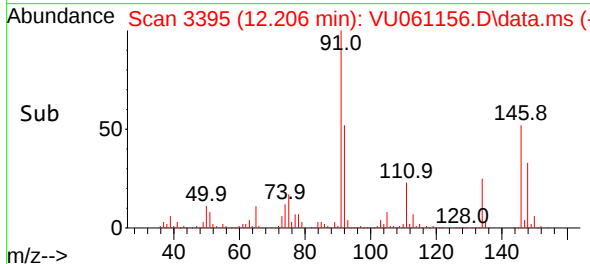
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion:146 Resp: 286459  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.9 65.7  
148 64.4 31.9 95.5

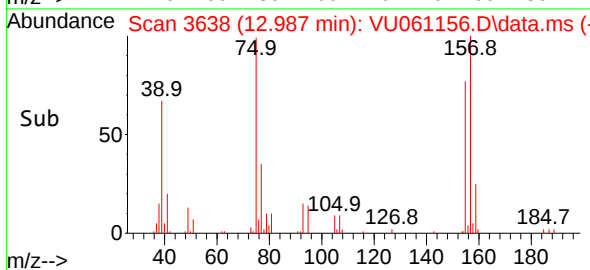
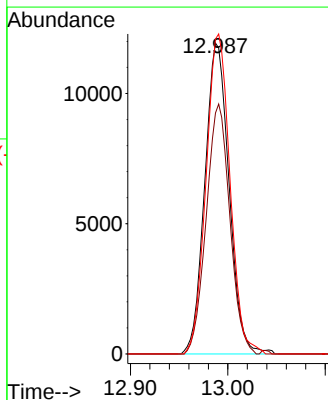
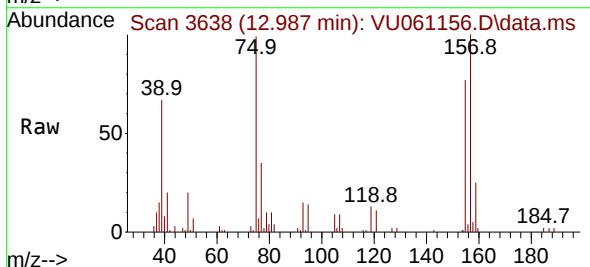
Manual Integrations  
APPROVED

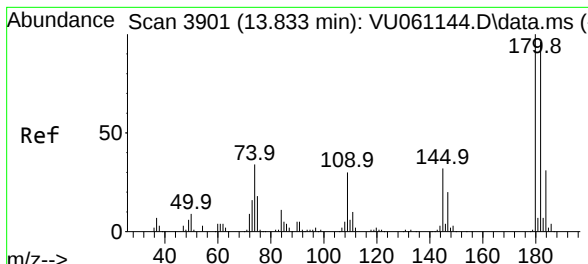
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 12.069 ug/l  
RT: 12.987 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

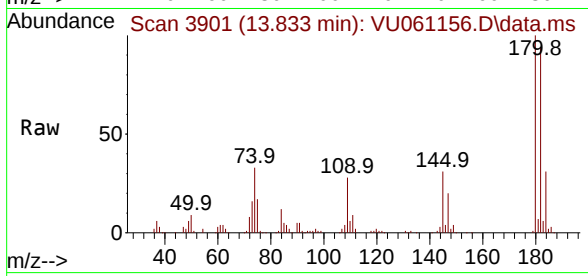
Tgt Ion: 75 Resp: 20665  
Ion Ratio Lower Upper  
75 100  
155 78.3 61.4 92.0  
157 101.7 78.5 117.7





#87  
1,2,4-Trichlorobenzene  
Concen: 12.173 ug/l  
RT: 13.833 min Scan# 3901  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26

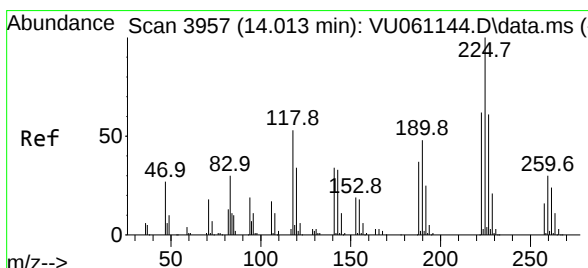
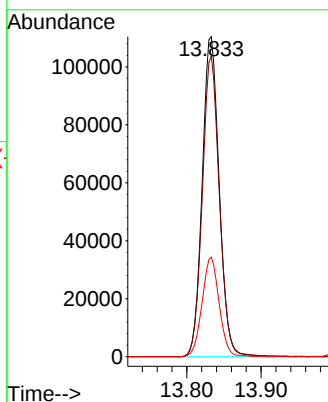
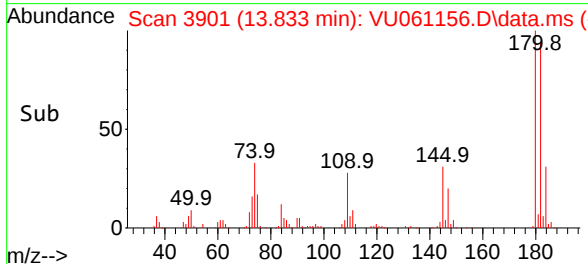
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



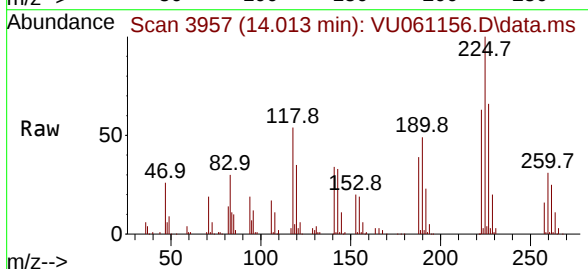
Tgt Ion:180 Resp: 175093  
Ion Ratio Lower Upper  
180 100  
182 94.3 77.0 115.6  
145 31.3 25.7 38.5

Manual Integrations  
APPROVED

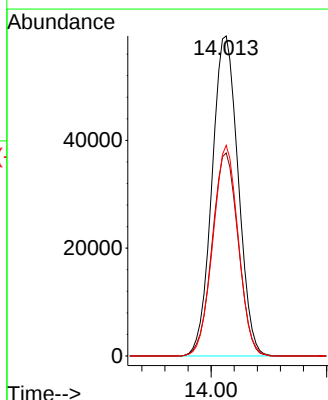
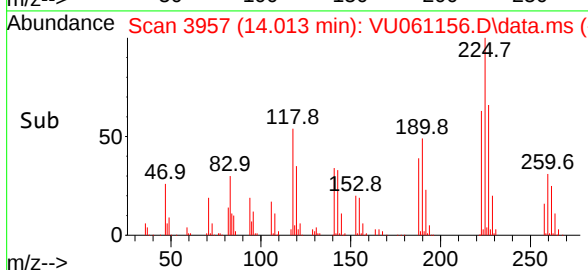
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

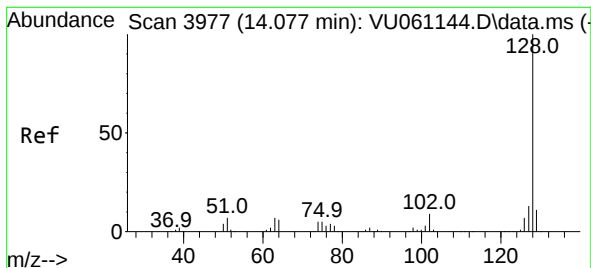


#88  
Hexachlorobutadiene  
Concen: 11.483 ug/l  
RT: 14.013 min Scan# 3957  
Delta R.T. -0.000 min  
Lab File: VU061156.D  
Acq: 18 Oct 2024 10:26



Tgt Ion:225 Resp: 93396  
Ion Ratio Lower Upper  
225 100  
223 63.4 51.4 77.2  
227 63.9 50.3 75.5





#89

Naphthalene

Concen: 12.238 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. -0.000 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

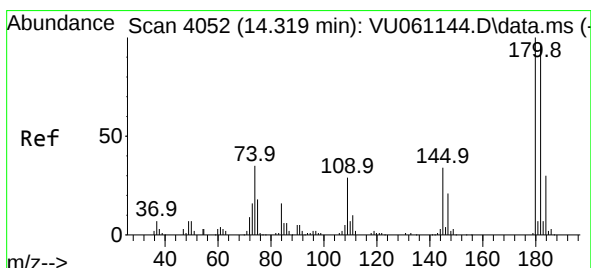
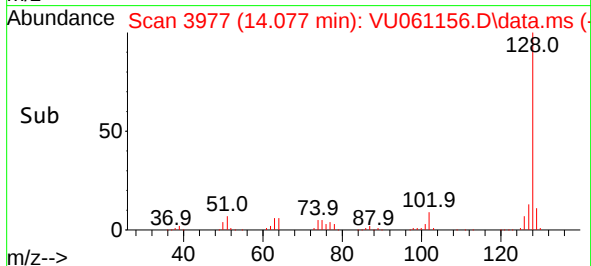
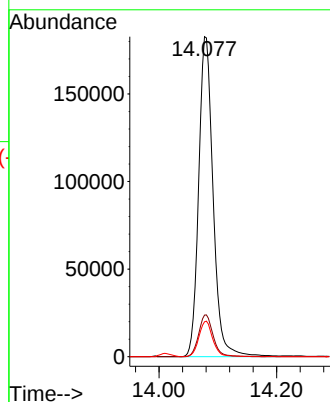
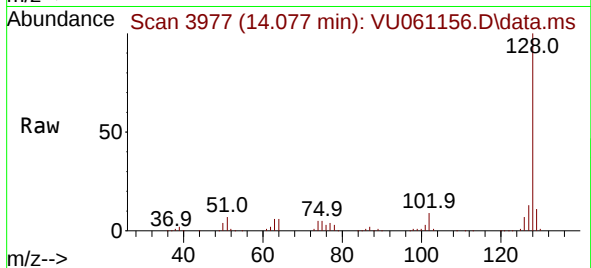
Tgt Ion:128 Resp: 31064

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.1  | 10.6  | 16.0  |
| 129 | 10.8  | 8.7   | 13.1  |

Manual Integrations

APPROVED

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



#90

1,2,3-Trichlorobenzene

Concen: 11.903 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.003 min

Lab File: VU061156.D

Acq: 18 Oct 2024 10:26

Tgt Ion:180 Resp: 153812

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 93.4  | 76.2  | 114.4 |
| 145 | 33.4  | 26.8  | 40.2  |

