

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020923\  
 Data File : VU053013.D  
 Acq On : 09 Feb 2023 10:31  
 Operator : JC/MD  
 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 02/10/2023  
 Supervised By :Mahesh Dadoda 02/10/2023

Quant Time: Feb 09 13:46:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U012323DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jan 24 05:16:59 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units    | Dev(Min) |
|------------------------------|--------|------|----------|---------|----------|----------|
| -----                        |        |      |          |         |          |          |
| Internal Standards           |        |      |          |         |          |          |
| 1) Fluorobenzene             | 6.109  | 96   | 34141    | 1.000   | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |         |          |          |
| 57) 4-Bromofluorobenzene     | 10.630 | 95   | 13891    | 1.223   | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 122.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.189 | 152  | 11752    | 1.006   | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 101.000% |          |
| Target Compounds             |        |      |          |         |          |          |
|                              |        |      |          |         | Qvalue   |          |
| 2) Dichlorodifluoromethane   | 1.383  | 85   | 97790    | 8.463   | ug/l     | 99       |
| 3) Chloromethane             | 1.521  | 50   | 92233    | 8.412   | ug/l     | 99       |
| 4) Vinyl Chloride            | 1.605  | 62   | 106628   | 10.071  | ug/l     | 99       |
| 5) Bromomethane              | 1.859  | 94   | 63695    | 11.577  | ug/l     | 100      |
| 6) Chloroethane              | 1.933  | 64   | 71309    | 11.198  | ug/l     | 96       |
| 7) Trichlorofluoromethane    | 2.135  | 101  | 175145   | 11.356  | ug/l     | 99       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.579  | 101  | 94191    | 11.170  | ug/l     | 93       |
| 9) 1,1-Dichloroethene        | 2.576  | 96   | 86403    | 10.845  | ug/l     | 94       |
| 10) Iodomethane              | 2.720  | 142  | 110429   | 12.522  | ug/l     | 97       |
| 11) Allyl Chloride           | 2.920  | 41   | 112615   | 11.830  | ug/l     | 97       |
| 12) Acrylonitrile            | 3.322  | 53   | 40567    | 24.017  | ug/l     | 99       |
| 13) Acetone                  | 2.643  | 43   | 173657   | 72.491  | ug/l     | 99       |
| 14) Carbon Disulfide         | 2.788  | 76   | 250385   | 9.382   | ug/l     | 99       |
| 15) Methylene Chloride       | 3.042  | 84   | 99898    | 10.382  | ug/l     | 99       |
| 16) trans-1,2-Dichloroethene | 3.347  | 96   | 92524    | 10.439  | ug/l     | 94       |
| 17) 1,1-Dichloroethane       | 3.865  | 63   | 181130   | 12.102  | ug/l     | 98       |
| 18) 2-Butanone               | 4.720  | 43   | 197915   | 71.110  | ug/l     | 99       |
| 19) Cyclohexane              | 5.379  | 56   | 140002   | 10.636  | ug/l     | 99       |
| 20) Methylcyclohexane        | 6.756  | 83   | 153544   | 10.456  | ug/l     | 96       |
| 21) 2,2-Dichloropropane      | 4.659  | 77   | 165563   | 11.910  | ug/l     | 97       |
| 22) cis-1,2-Dichloroethene   | 4.662  | 96   | 103352   | 11.156  | ug/l     | 94       |
| 23) Diethyl Ether            | 2.373  | 59   | 65480    | 11.627  | ug/l     | 98       |
| 24) tert-Butyl Alcohol       | 3.347  | 59   | 88439m   | 130.415 | ug/l     |          |
| 25) Methyl tert-Butyl Ether  | 3.363  | 73   | 238930   | 13.074  | ug/l     | 99       |
| 26) Bromochloromethane       | 4.971  | 128  | 43512    | 10.060  | ug/l     | 89       |
| 27) Chloroform               | 5.084  | 83   | 180371   | 11.242  | ug/l     | 100      |
| 28) 1,1,1-Trichloroethane    | 5.309  | 97   | 164487   | 11.102  | ug/l     | 98       |
| 29) 1,1-Dichloropropene      | 5.518  | 75   | 120963   | 9.684   | ug/l     | 98       |
| 30) Carbon Tetrachloride     | 5.518  | 117  | 119484   | 8.888   | ug/l     | 100      |
| 31) Isopropyl Ether          | 3.994  | 45   | 263189   | 12.233  | ug/l     | 100      |
| 32) Ethyl-t-butyl ether      | 4.505  | 59   | 281003   | 13.990  | ug/l     | 96       |
| 33) Tert-Amyl methyl ether   | 5.942  | 73   | 220228   | 12.398  | ug/l     | 98       |
| 34) Propionitrile            | 4.794  | 54   | 38518    | 60.445  | ug/l #   | 5        |
| 35) Benzene                  | 5.768  | 78   | 337200   | 9.304   | ug/l     | 99       |
| 36) 1,2-Dichloroethane       | 5.791  | 62   | 100186   | 9.203   | ug/l     | 98       |
| 37) Trichloroethene          | 6.537  | 130  | 85244    | 8.628   | ug/l     | 89       |
| 38) 1,2-Dichloropropane      | 6.788  | 63   | 92474    | 10.057  | ug/l     | 97       |
| 39) Methacrylonitrile        | 4.974  | 41   | 30044    | 11.804  | ug/l     | 92       |
| 40) Methyl acrylate          | 4.849  | 55   | 56014    | 12.415  | ug/l     | 98       |
| 41) Tetrahydrofuran          | 5.067  | 42   | 30426    | 24.033  | ug/l     | 97       |
| 42) 1-Chlorobutane           | 5.450  | 56   | 157028   | 9.833   | ug/l     | 97       |
| 43) Dibromomethane           | 6.916  | 93   | 46423    | 9.974   | ug/l #   | 86       |
| 44) Bromodichloromethane     | 7.103  | 83   | 120236   | 9.523   | ug/l     | 99       |

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 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

Manual Integrations  
 APPROVED

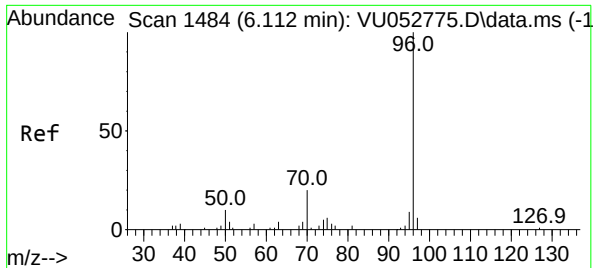
Reviewed By :Krupa Patel 02/10/2023  
 Supervised By :Mahesh Dadoda 02/10/2023

Quant Time: Feb 09 13:46:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U012323DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jan 24 05:16:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.797  | 43   | 266905   | 54.571 | ug/l   | 97       |
| 46) t-1,4-Dichloro-2-butene   | 10.829 | 75   | 58961m   | 22.992 | ug/l   |          |
| 47) Methyl methacrylate       | 6.965  | 69   | 94342    | 22.803 | ug/l   | 95       |
| 48) Ethyl methacrylate        | 8.334  | 69   | 95659    | 12.754 | ug/l   | 96       |
| 49) Toluene                   | 7.964  | 92   | 210428   | 9.562  | ug/l   | 93       |
| 50) t-1,3-Dichloropropene     | 8.209  | 75   | 123357   | 11.201 | ug/l   | 98       |
| 51) cis-1,3-Dichloropropene   | 7.604  | 75   | 145014   | 11.193 | ug/l   | 98       |
| 52) 1,1,2-Trichloroethane     | 8.399  | 97   | 63588    | 9.607  | ug/l   | 98       |
| 53) 1,3-Dichloropropane       | 8.572  | 76   | 115800   | 10.122 | ug/l   | 98       |
| 54) 2-Hexanone                | 8.688  | 43   | 265188   | 61.977 | ug/l   | 96       |
| 55) Dibromochloromethane      | 8.807  | 129  | 80342    | 9.281  | ug/l   | 99       |
| 56) 1,2-Dibromoethane         | 8.923  | 107  | 62877    | 9.979  | ug/l   | 98       |
| 58) Tetrachloroethene         | 8.550  | 164  | 67036    | 7.519  | ug/l   | 91       |
| 59) Chlorobenzene             | 9.444  | 112  | 238494   | 9.958  | ug/l   | 100      |
| 60) 1,1,1,2-Tetrachloroethane | 9.530  | 131  | 82446    | 8.895  | ug/l   | 97       |
| 61) Pentachloroethane         | 11.424 | 117  | 71566    | 9.424  | ug/l   | 94       |
| 62) Hexachloroethane          | 12.472 | 117  | 79220    | 10.326 | ug/l # | 82       |
| 63) Ethyl Benzene             | 9.566  | 91   | 429076   | 11.060 | ug/l   | 98       |
| 64) m/p-Xylenes               | 9.691  | 106  | 324194   | 20.961 | ug/l   | 93       |
| 65) o-Xylene                  | 10.096 | 106  | 160443   | 10.751 | ug/l   | 94       |
| 66) Styrene                   | 10.112 | 104  | 261014   | 9.110  | ug/l   | 96       |
| 67) Bromoform                 | 10.286 | 173  | 44554    | 8.722  | ug/l   | 99       |
| 69) Isopropylbenzene          | 10.482 | 105  | 426894   | 11.240 | ug/l   | 99       |
| 70) 1,1,2,2-Tetrachloroethane | 10.781 | 83   | 89634    | 10.864 | ug/l   | 97       |
| 71) 1,2,3-Trichloropropane    | 10.829 | 75   | 87563m   | 12.261 | ug/l   |          |
| 72) Bromobenzene              | 10.778 | 156  | 88508    | 9.175  | ug/l   | 88       |
| 73) n-propylbenzene           | 10.903 | 120  | 114836   | 9.008  | ug/l   | 92       |
| 74) 2-Chlorotoluene           | 10.984 | 126  | 96768    | 10.087 | ug/l   | 93       |
| 75) 1,3,5-Trimethylbenzene    | 11.083 | 105  | 360410   | 9.272  | ug/l   | 94       |
| 76) 4-Chlorotoluene           | 11.093 | 126  | 100299   | 10.187 | ug/l   | 91       |
| 77) tert-Butylbenzene         | 11.418 | 119  | 352954   | 10.687 | ug/l   | 94       |
| 78) 1,2,4-Trimethylbenzene    | 11.463 | 105  | 366600   | 9.221  | ug/l   | 95       |
| 79) sec-Butylbenzene          | 11.640 | 105  | 474259   | 9.291  | ug/l   | 96       |
| 80) Nitrobenzene              | 13.202 | 77   | 31201    | 61.097 | ug/l # | 97       |
| 81) p-Isopropyltoluene        | 11.791 | 119  | 384612   | 8.717  | ug/l   | 96       |
| 82) 1,3-Dichlorobenzene       | 11.742 | 146  | 185315   | 9.410  | ug/l   | 96       |
| 83) 1,4-Dichlorobenzene       | 11.832 | 146  | 187008   | 9.458  | ug/l   | 94       |
| 84) n-Butylbenzene            | 12.205 | 91   | 380932   | 9.765  | ug/l   | 97       |
| 85) 1,2-Dichlorobenzene       | 12.209 | 146  | 179044   | 9.634  | ug/l   | 97       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.993 | 75   | 16697    | 10.926 | ug/l   | 87       |
| 87) 1,2,4-Trichlorobenzene    | 13.836 | 180  | 119074   | 10.682 | ug/l   | 97       |
| 88) Hexachlorobutadiene       | 14.019 | 225  | 62814    | 8.040  | ug/l   | 99       |
| 89) Naphthalene               | 14.080 | 128  | 244151   | 11.298 | ug/l   | 99       |
| 90) 1,2,3-Trichlorobenzene    | 14.324 | 180  | 107517   | 10.162 | ug/l   | 97       |

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





#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.109 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

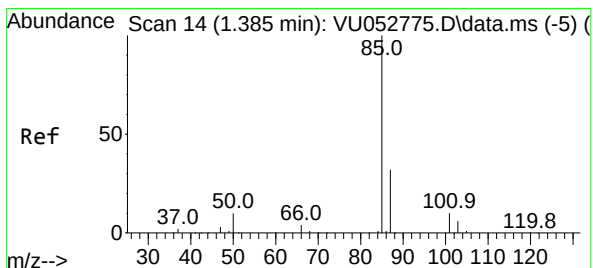
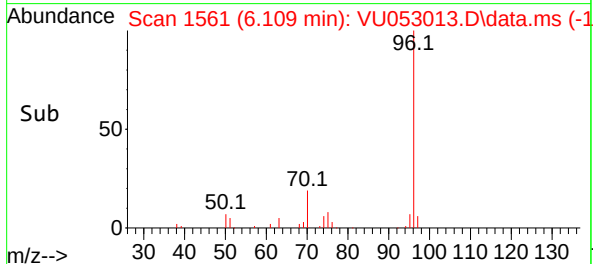
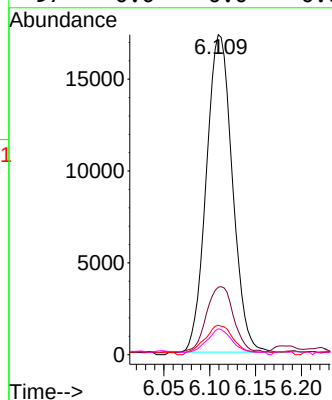
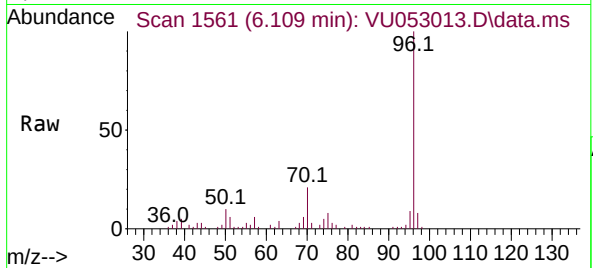
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 96 Resp: 3414

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 70  | 21.6  | 16.2  | 24.4  |
| 95  | 9.5   | 7.4   | 11.0  |
| 97  | 0.0   | 0.0   | 0.0   |

Manual Integrations  
APPROVED

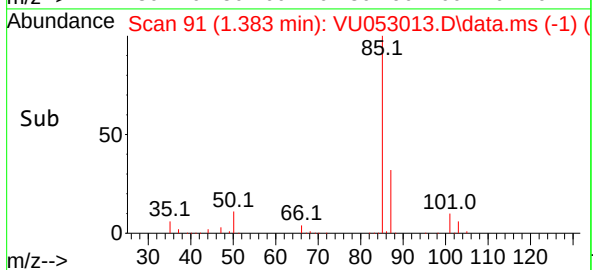
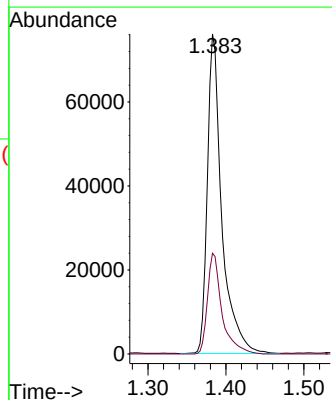
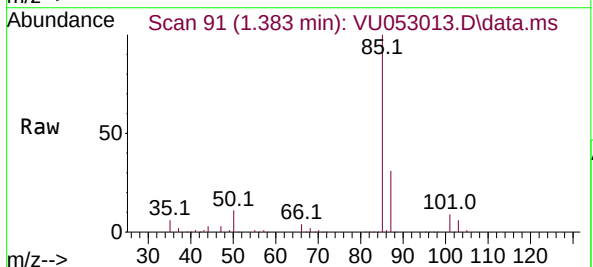
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

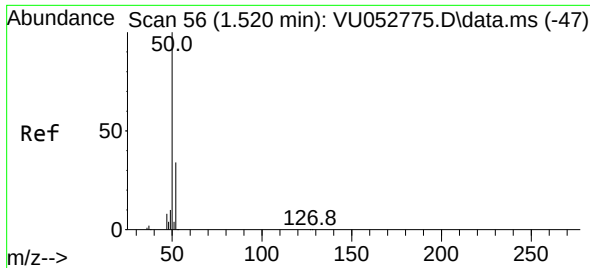


#2  
Dichlorodifluoromethane  
Concen: 8.463 ug/l  
RT: 1.383 min Scan# 91  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Tgt Ion: 85 Resp: 97790

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 85  | 100   |       |       |
| 87  | 31.5  | 16.1  | 48.2  |





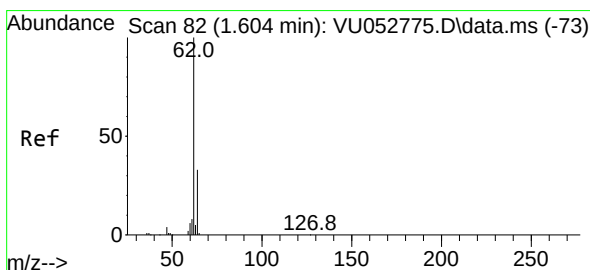
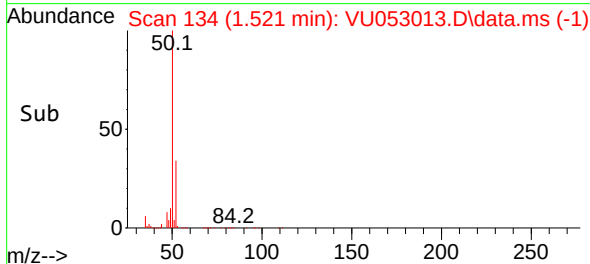
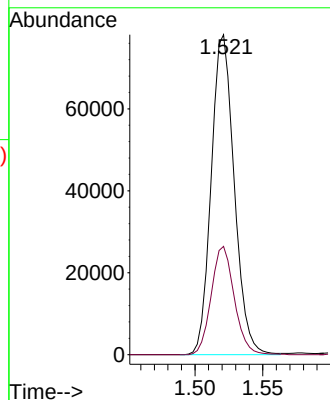
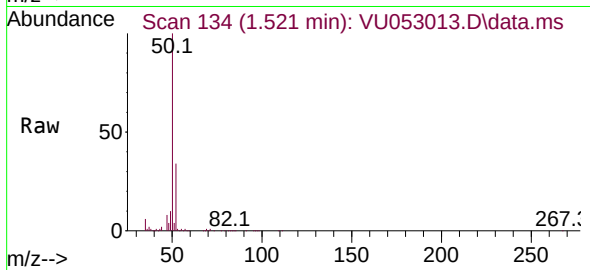
#3  
Chloromethane  
Concen: 8.412 ug/l  
RT: 1.521 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 50 Resp: 9223  
Ion Ratio Lower Upper  
50 100  
52 33.8 26.8 40.2

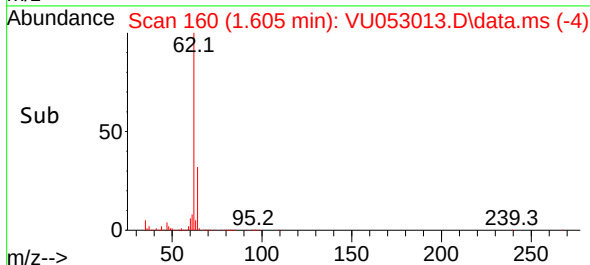
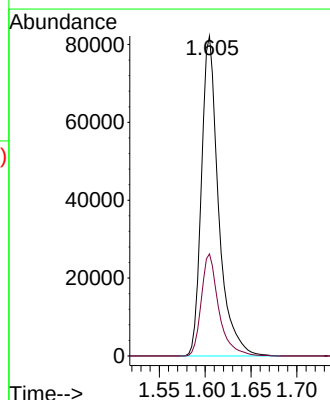
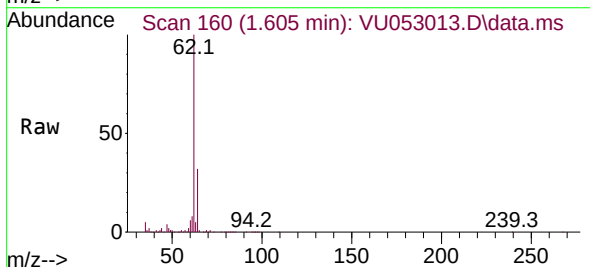
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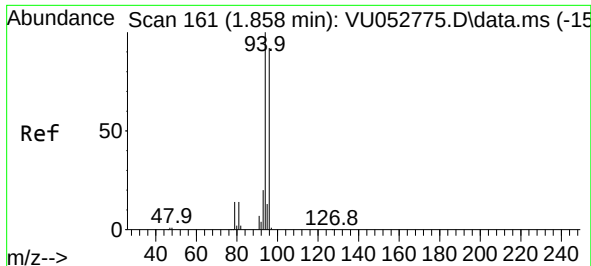
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#4  
Vinyl Chloride  
Concen: 10.071 ug/l  
RT: 1.605 min Scan# 160  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

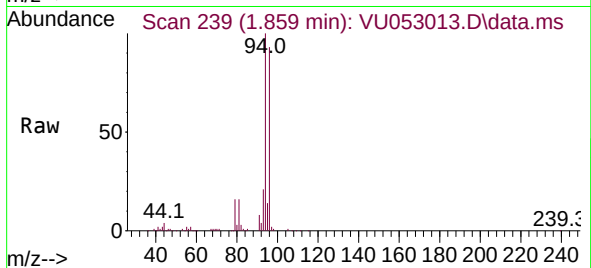
Tgt Ion: 62 Resp: 106628  
Ion Ratio Lower Upper  
62 100  
64 31.9 26.0 39.0





#5  
Bromomethane  
Concen: 11.577 ug/l  
RT: 1.859 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

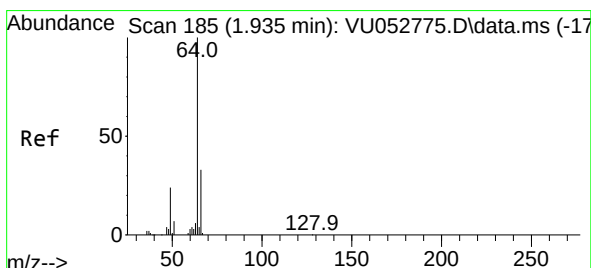
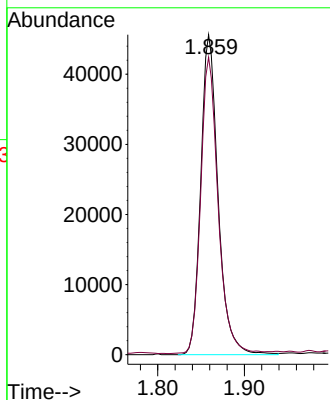
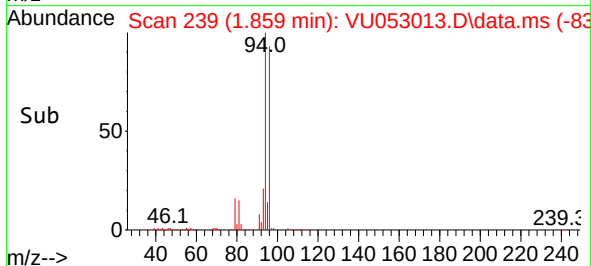
Instrument :  
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Tgt Ion: 94 Resp: 6369  
Ion Ratio Lower Upper  
94 100  
96 92.4 73.8 110.6

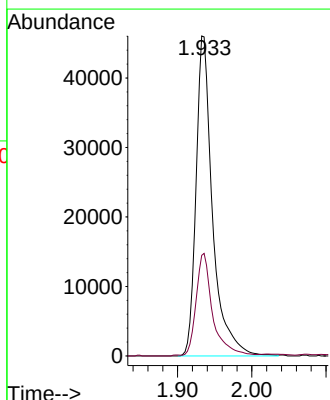
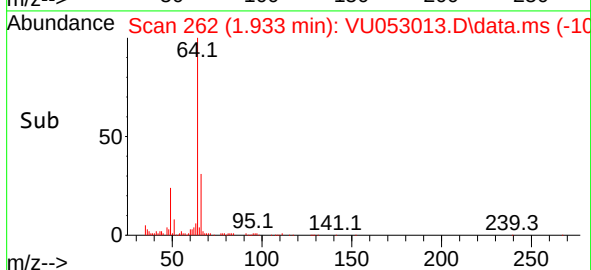
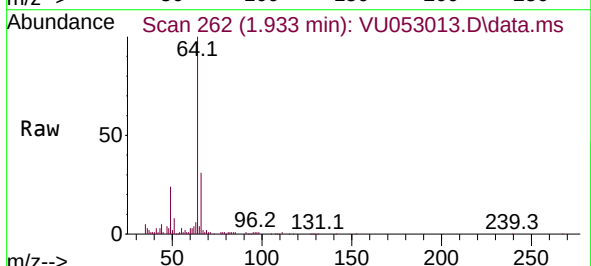
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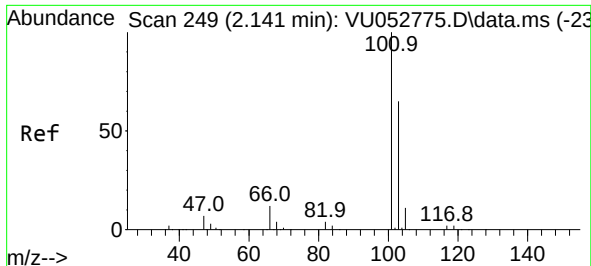
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#6  
Chloroethane  
Concen: 11.198 ug/l  
RT: 1.933 min Scan# 262  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

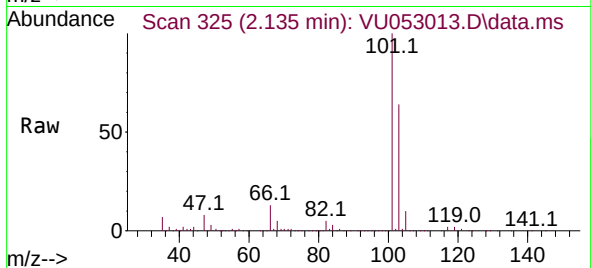
Tgt Ion: 64 Resp: 71309  
Ion Ratio Lower Upper  
64 100  
66 31.1 26.6 40.0





#7  
 Trichlorofluoromethane  
 Concen: 11.356 ug/l  
 RT: 2.135 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: VU053013.D  
 Acq: 09 Feb 2023 10:31

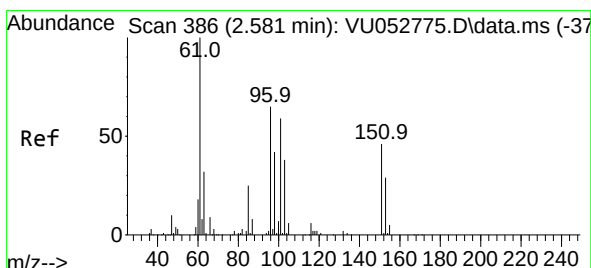
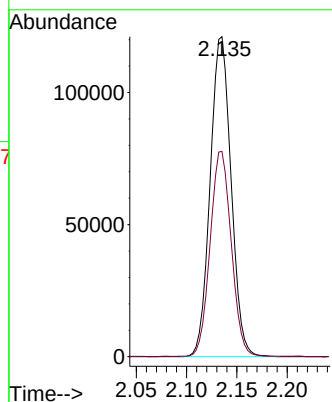
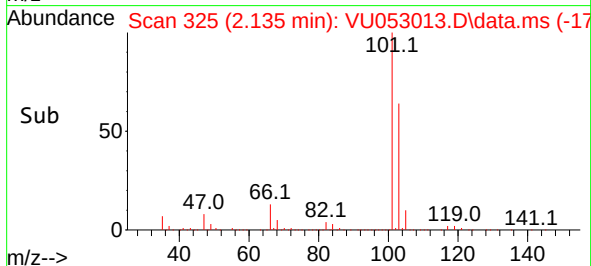
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010



Tgt Ion:101 Resp: 17514  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 51.6 77.4

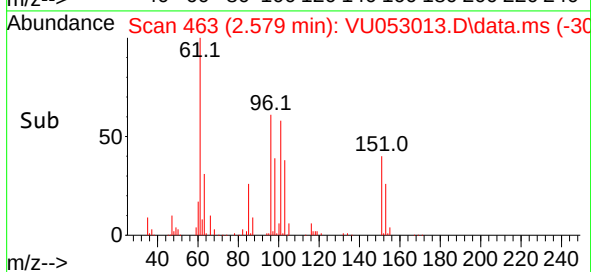
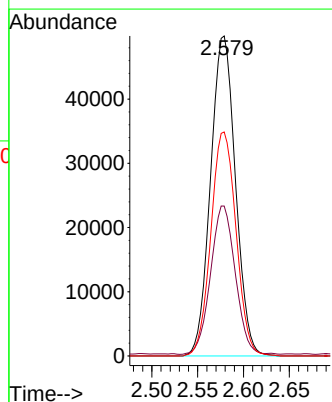
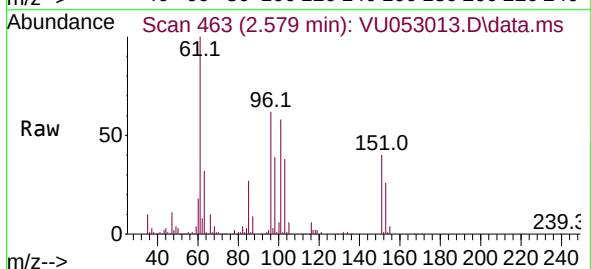
Manual Integrations  
 APPROVED

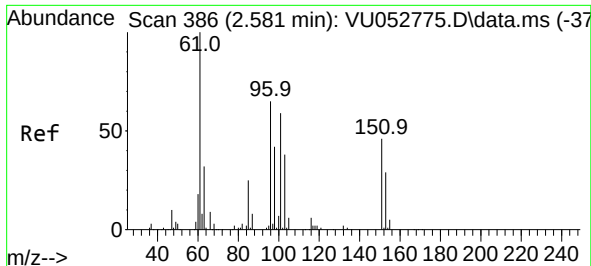
Reviewed By :Krupa Patel 02/10/2023  
 Supervised By :Mahesh Dadoda 02/10/2023



#8  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 11.170 ug/l  
 RT: 2.579 min Scan# 463  
 Delta R.T. -0.002 min  
 Lab File: VU053013.D  
 Acq: 09 Feb 2023 10:31

Tgt Ion:101 Resp: 94191  
 Ion Ratio Lower Upper  
 101 100  
 85 45.5 34.1 51.1  
 151 70.7 63.0 94.4





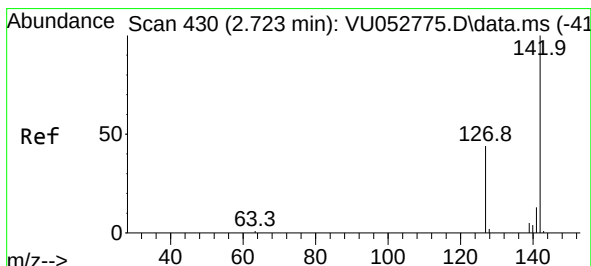
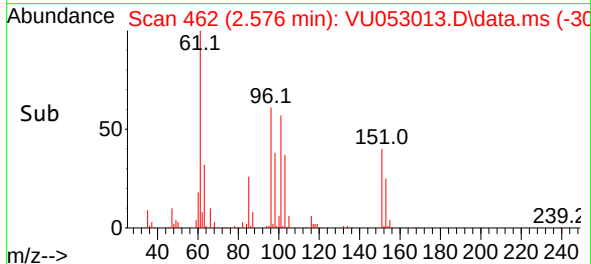
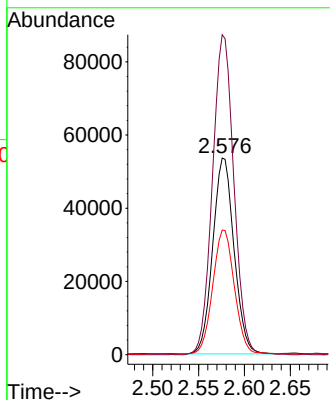
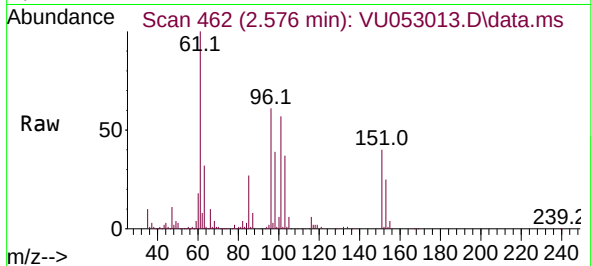
#9  
1,1-Dichloroethene  
Concen: 10.845 ug/l  
RT: 2.576 min Scan# 40  
Delta R.T. -0.006 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 96 Resp: 8640  
Ion Ratio Lower Upper  
96 100  
61 163.5 0.0 460.5  
98 63.2 0.0 128.0

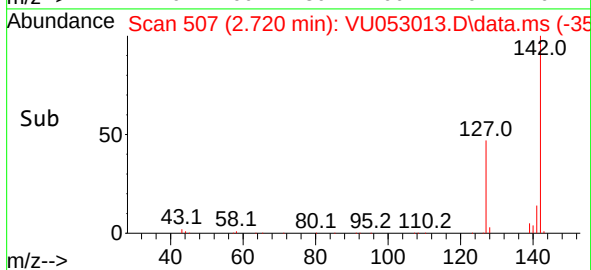
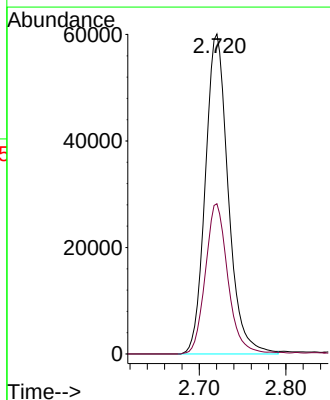
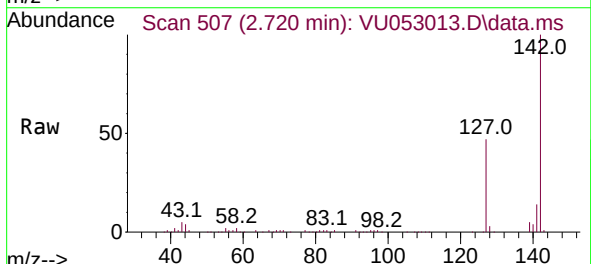
Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

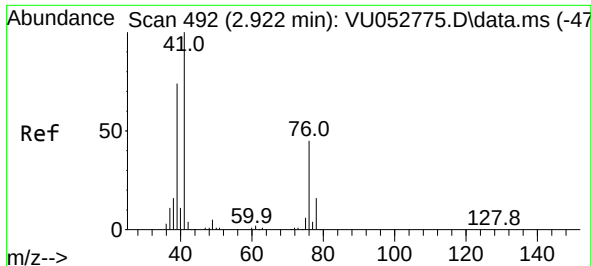


#10  
Iodomethane  
Concen: 12.522 ug/l  
RT: 2.720 min Scan# 507  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Tgt Ion:142 Resp: 110429  
Ion Ratio Lower Upper  
142 100  
127 46.4 35.4 53.0







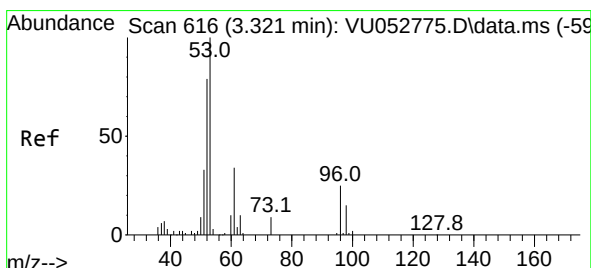
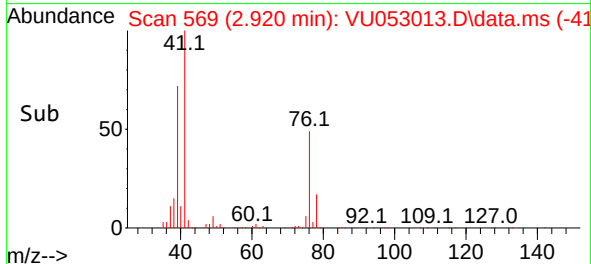
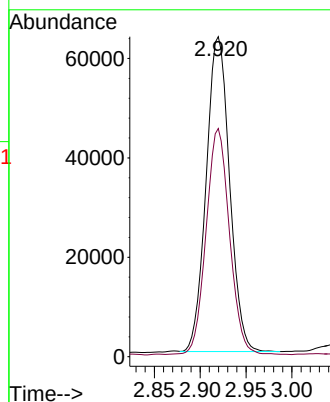
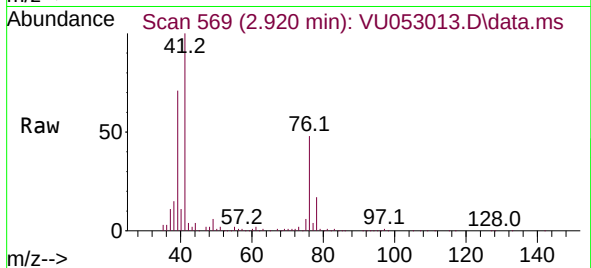
#11  
 Allyl Chloride  
 Concen: 11.830 ug/l  
 RT: 2.920 min Scan# 50  
 Delta R.T. -0.002 min  
 Lab File: VU053013.D  
 Acq: 09 Feb 2023 10:31

Instrument :  
 MSVOA\_U  
 Client Sample Id :  
 VSTDCCC010

Tgt Ion: 41 Resp: 11261  
 Ion Ratio Lower Upper  
 41 100  
 39 71.7 59.3 88.9

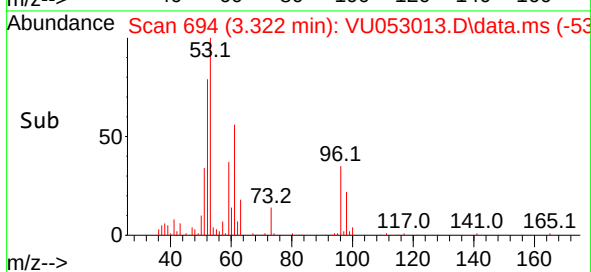
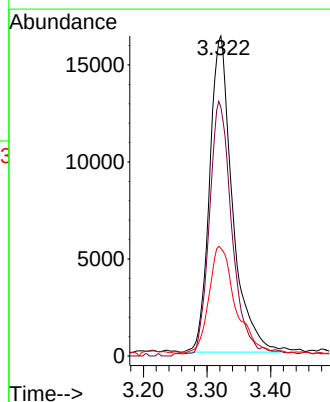
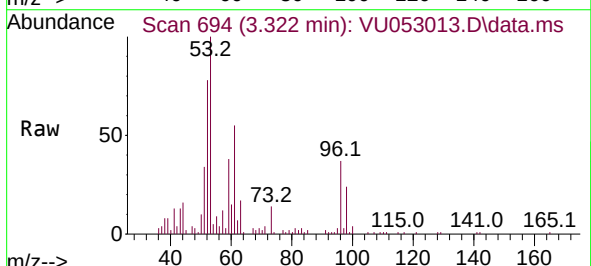
Manual Integrations  
 APPROVED

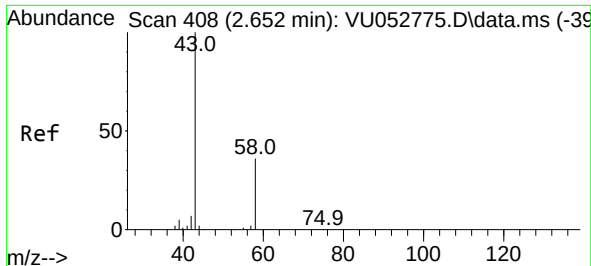
Reviewed By :Krupa Patel 02/10/2023  
 Supervised By :Mahesh Dadoda 02/10/2023



#12  
 Acrylonitrile  
 Concen: 24.017 ug/l  
 RT: 3.322 min Scan# 694  
 Delta R.T. 0.001 min  
 Lab File: VU053013.D  
 Acq: 09 Feb 2023 10:31

Tgt Ion: 53 Resp: 40567  
 Ion Ratio Lower Upper  
 53 100  
 52 77.1 63.0 94.4  
 51 38.8 31.3 46.9





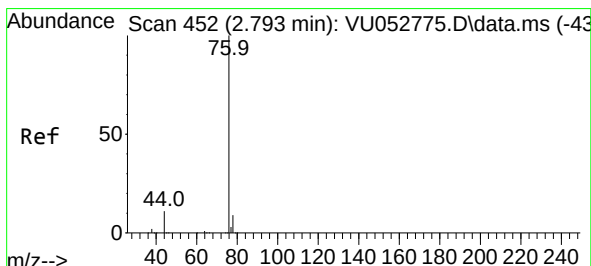
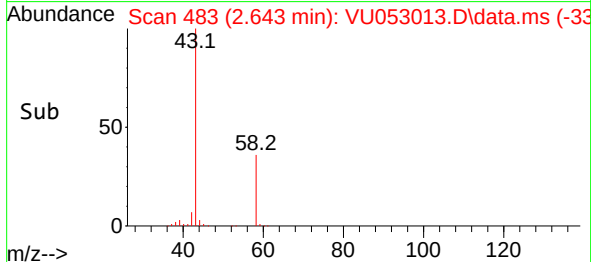
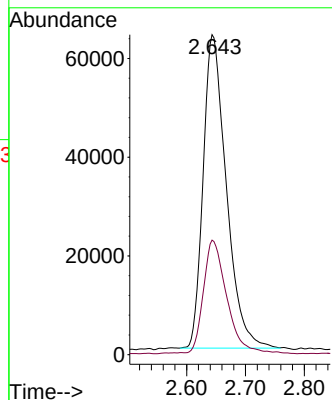
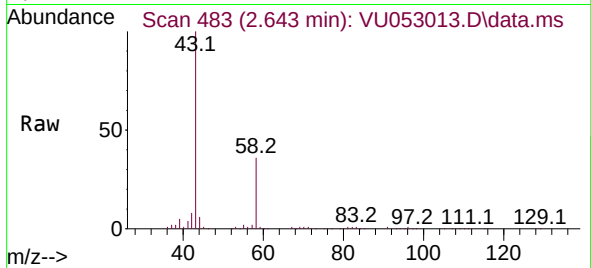
#13  
Acetone  
Concen: 72.491 ug/l  
RT: 2.643 min Scan# 41  
Delta R.T. -0.009 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 43 Resp: 17365  
Ion Ratio Lower Upper  
43 100  
58 35.9 29.0 43.4

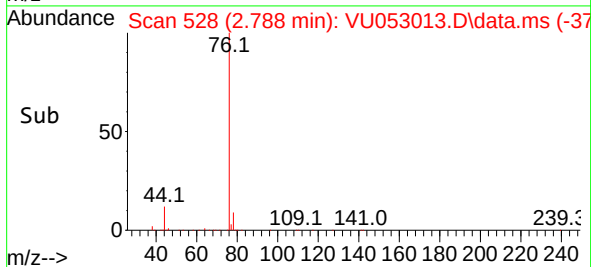
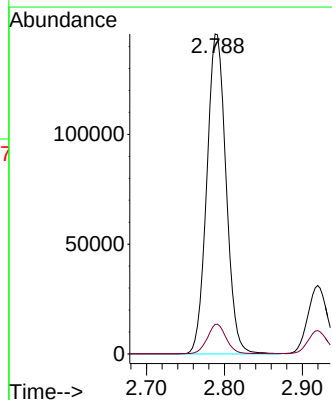
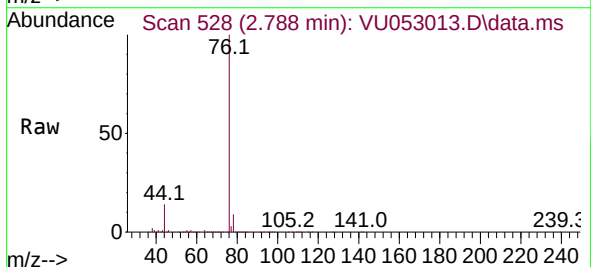
Manual Integrations  
APPROVED

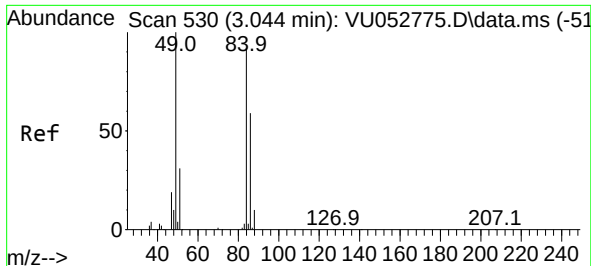
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#14  
Carbon Disulfide  
Concen: 9.382 ug/l  
RT: 2.788 min Scan# 528  
Delta R.T. -0.006 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

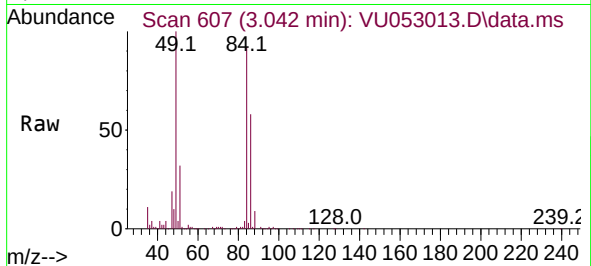
Tgt Ion: 76 Resp: 250385  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.1 10.7





#15  
Methylene Chloride  
Concen: 10.382 ug/l  
RT: 3.042 min Scan# 60  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

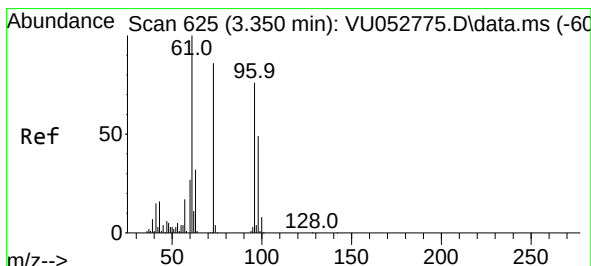
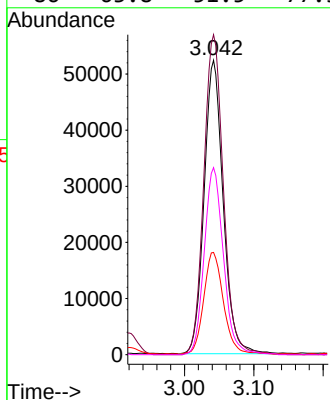
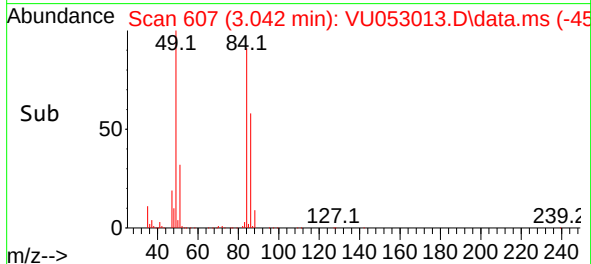
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 84 Resp: 99898  
Ion Ratio Lower Upper  
84 100  
49 109.1 86.7 130.1  
51 34.6 0.0 66.8  
86 63.8 51.5 77.3

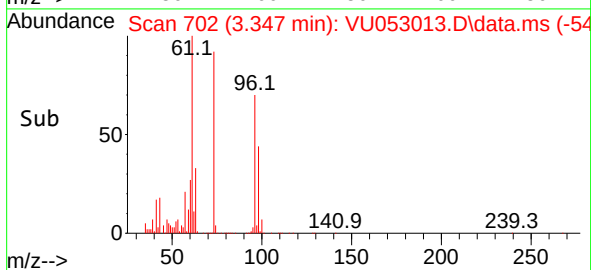
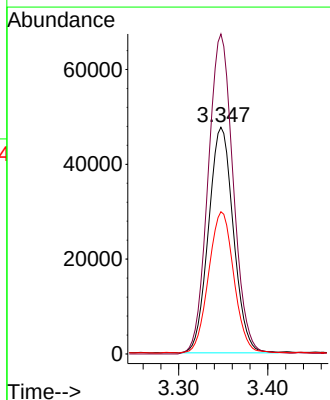
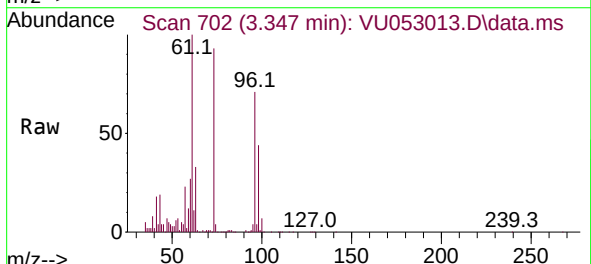
Manual Integrations  
APPROVED

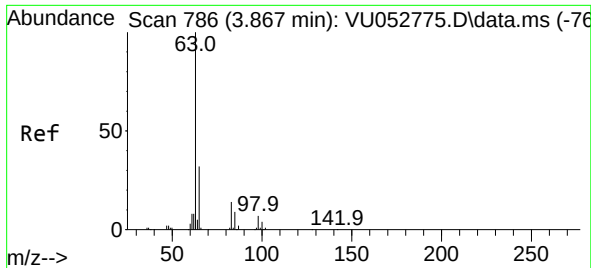
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#16  
trans-1,2-Dichloroethene  
Concen: 10.439 ug/l  
RT: 3.347 min Scan# 702  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Tgt Ion: 96 Resp: 92524  
Ion Ratio Lower Upper  
96 100  
61 141.9 105.7 158.5  
98 62.5 51.4 77.2





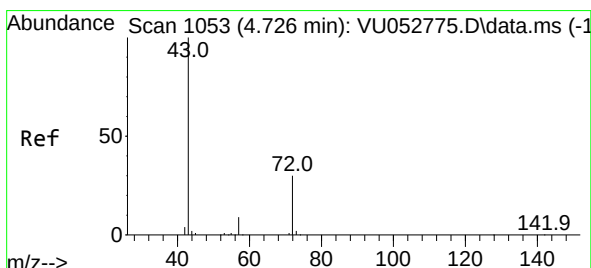
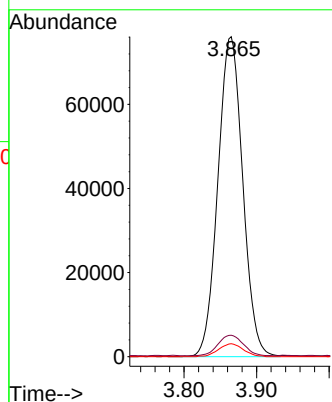
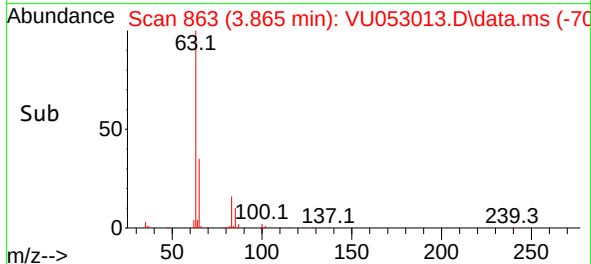
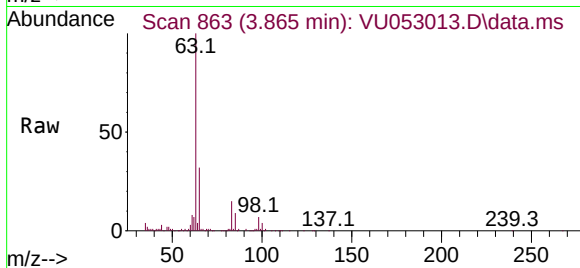
#17  
1,1-Dichloroethane  
Concen: 12.102 ug/l  
RT: 3.865 min Scan# 80  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 63 Resp: 181130  
Ion Ratio Lower Upper  
63 100  
98 6.4 3.8 11.2  
100 4.0 2.2 6.6

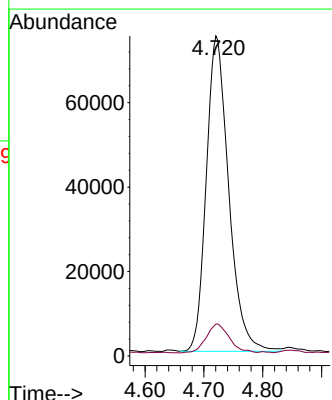
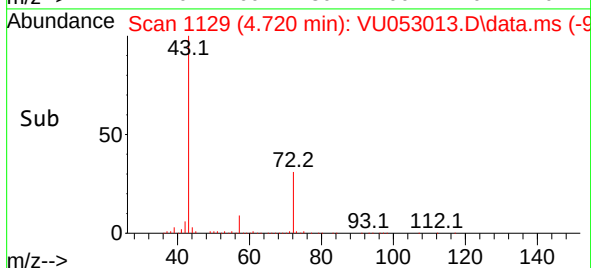
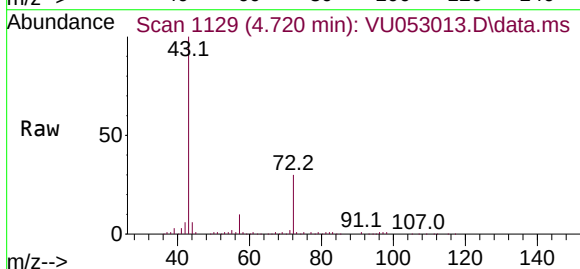
Manual Integrations  
APPROVED

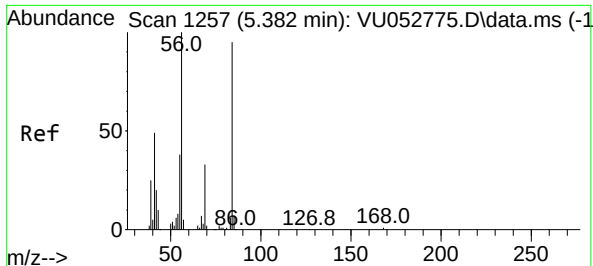
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#18  
2-Butanone  
Concen: 71.110 ug/l  
RT: 4.720 min Scan# 1129  
Delta R.T. -0.006 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Tgt Ion: 43 Resp: 197915  
Ion Ratio Lower Upper  
43 100  
57 9.1 0.0 17.4





#19

Cyclohexane

Concen: 10.636 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.002 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 14000

Ion Ratio Lower Upper

56 100

69 35.7 26.8 40.2

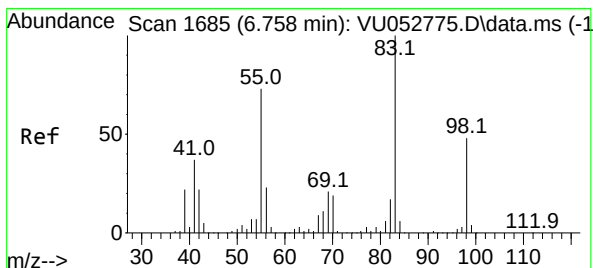
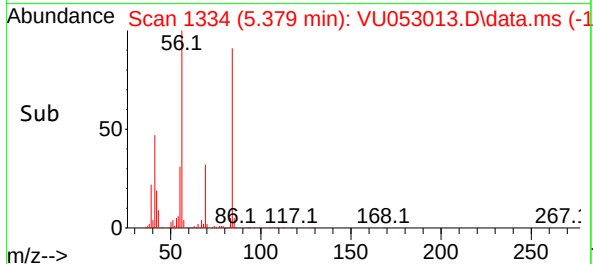
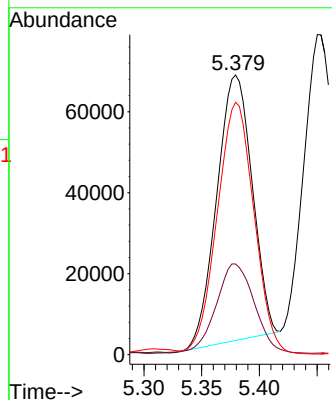
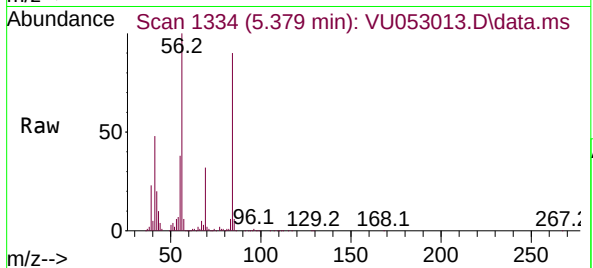
84 96.9 77.0 115.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#20

Methylcyclohexane

Concen: 10.456 ug/l

RT: 6.756 min Scan# 1762

Delta R.T. -0.002 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

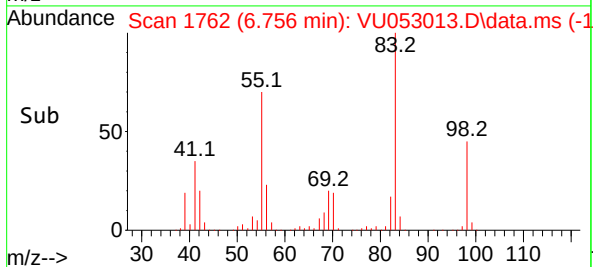
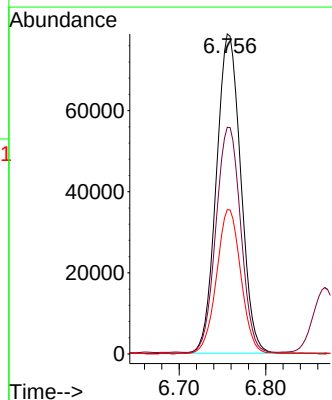
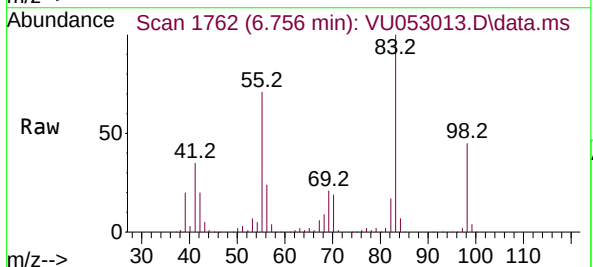
Tgt Ion: 83 Resp: 153544

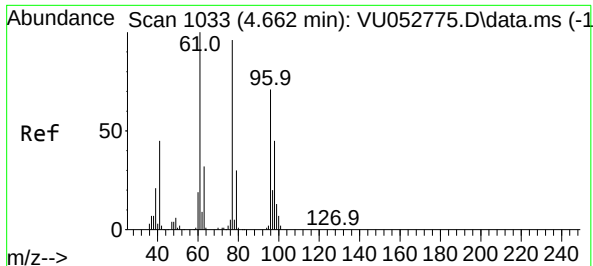
Ion Ratio Lower Upper

83 100

55 71.6 58.7 88.1

98 45.2 39.4 59.2





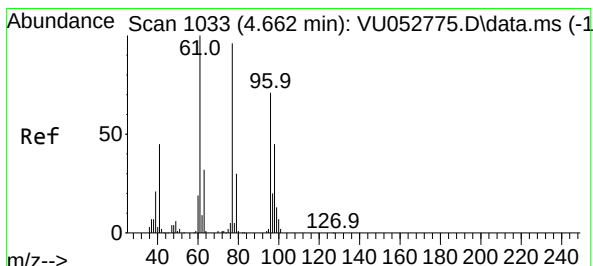
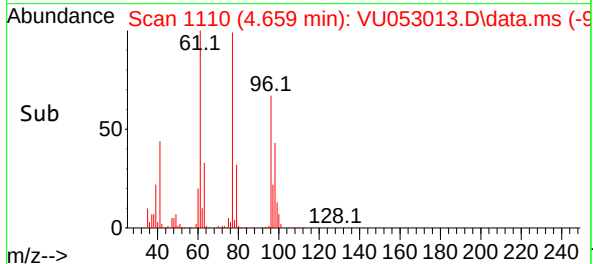
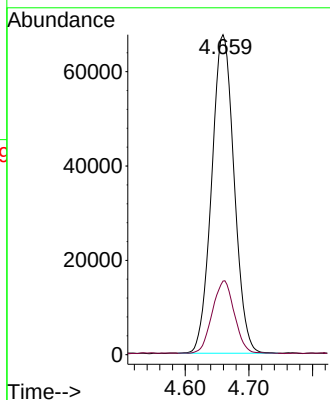
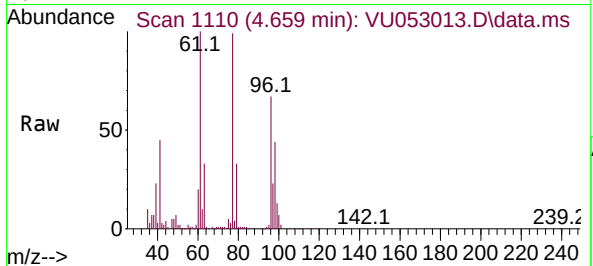
#21  
2,2-Dichloropropane  
Concen: 11.910 ug/l  
RT: 4.659 min Scan# 1110  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 77 Resp: 16556  
Ion Ratio Lower Upper  
77 100  
97 22.3 16.8 25.2

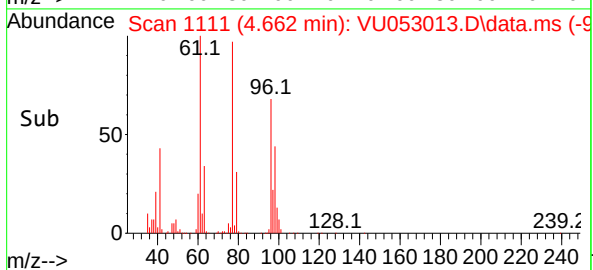
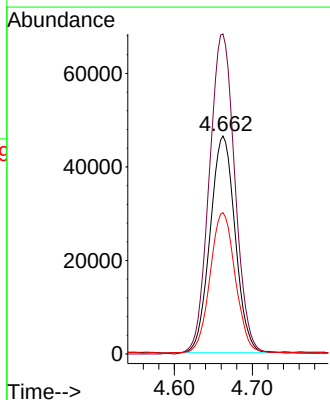
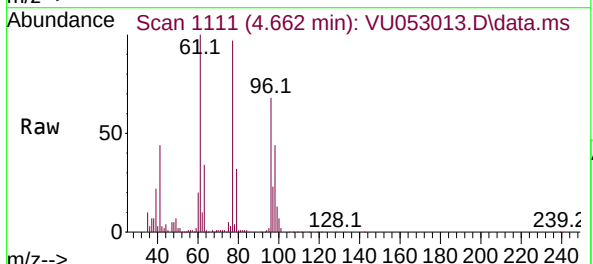
Manual Integrations  
APPROVED

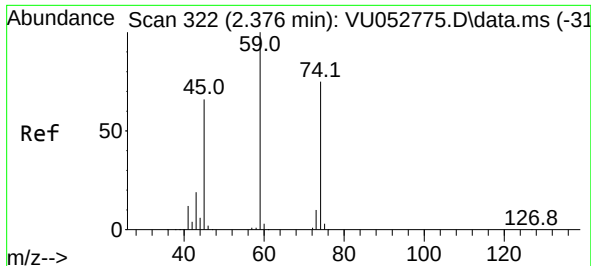
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#22  
cis-1,2-Dichloroethene  
Concen: 11.156 ug/l  
RT: 4.662 min Scan# 1111  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

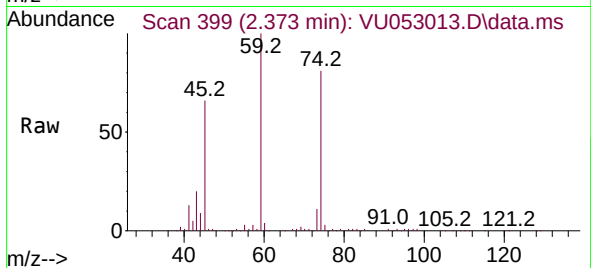
Tgt Ion: 96 Resp: 103352  
Ion Ratio Lower Upper  
96 100  
61 151.8 0.0 353.3  
98 65.0 32.6 97.7





#23  
Diethyl Ether  
Concen: 11.627 ug/l  
RT: 2.373 min Scan# 31  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

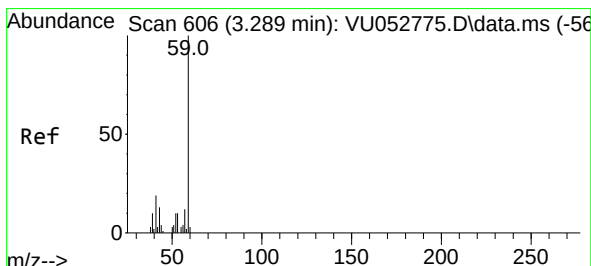
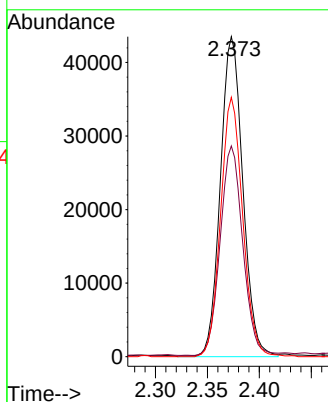
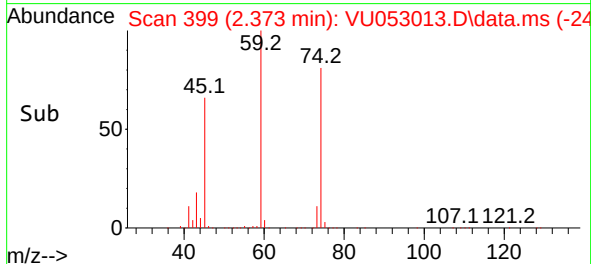
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 59 Resp: 65480  
Ion Ratio Lower Upper  
59 100  
45 65.5 52.1 78.1  
74 79.7 61.6 92.4

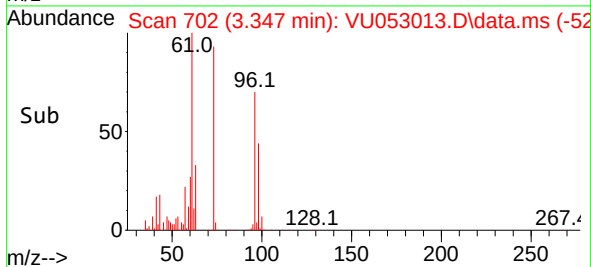
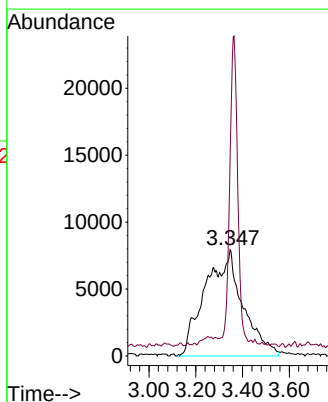
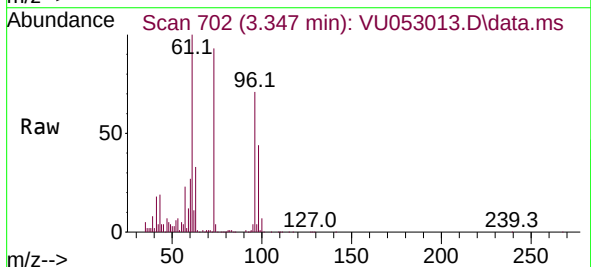
Manual Integrations  
APPROVED

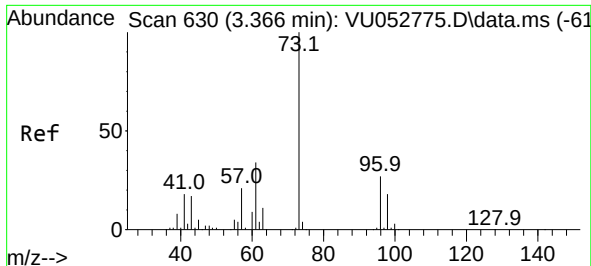
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#24  
tert-Butyl Alcohol  
Concen: 130.415 ug/l m  
RT: 3.347 min Scan# 702  
Delta R.T. 0.059 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

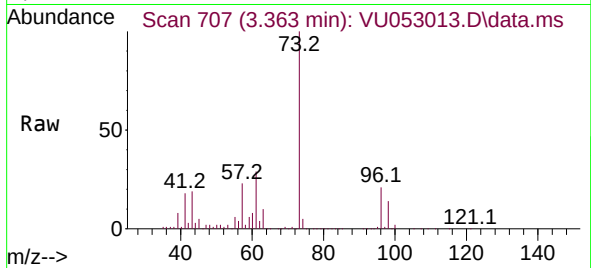
Tgt Ion: 59 Resp: 88439  
Ion Ratio Lower Upper  
59 100  
57 59.7 45.8 68.8





#25  
Methyl tert-Butyl Ether  
Concen: 13.074 ug/l  
RT: 3.363 min Scan# 70  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

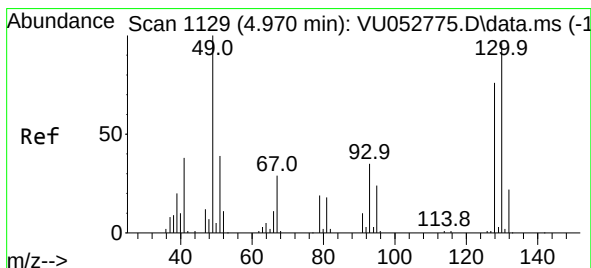
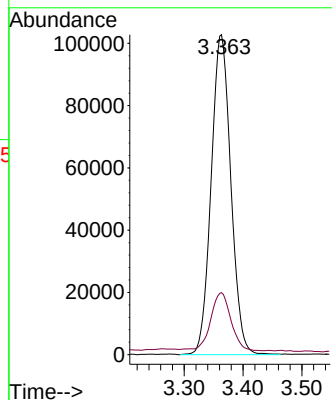
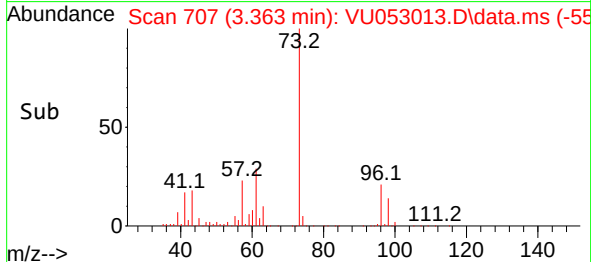
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 73 Resp: 238930  
Ion Ratio Lower Upper  
73 100  
43 18.5 15.3 22.9

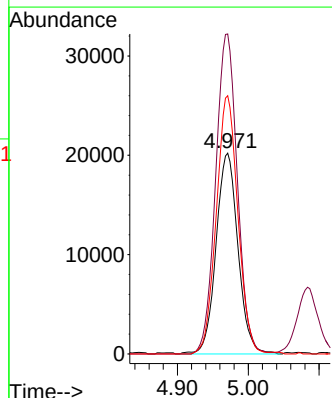
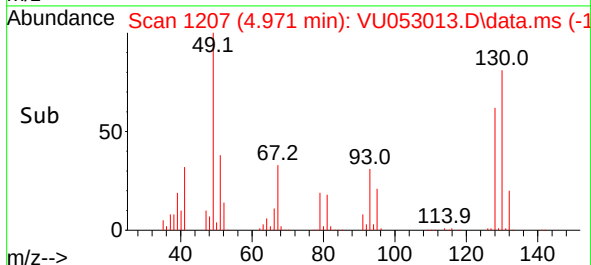
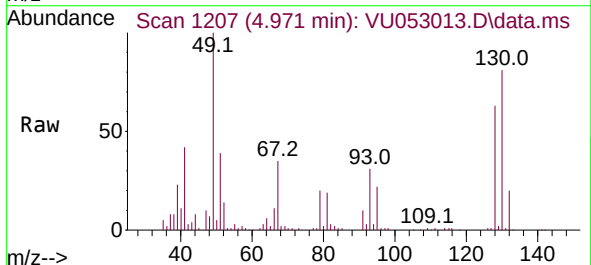
Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

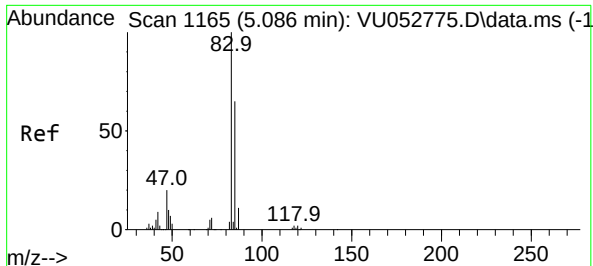


#26  
Bromochloromethane  
Concen: 10.060 ug/l  
RT: 4.971 min Scan# 1207  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Tgt Ion:128 Resp: 43512  
Ion Ratio Lower Upper  
128 100  
49 157.8 0.0 265.0  
130 126.8 100.7 151.1







#27

Chloroform

Concen: 11.242 ug/l

RT: 5.084 min Scan# 1165

Delta R.T. -0.002 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 18037

Ion Ratio Lower Upper

83 100

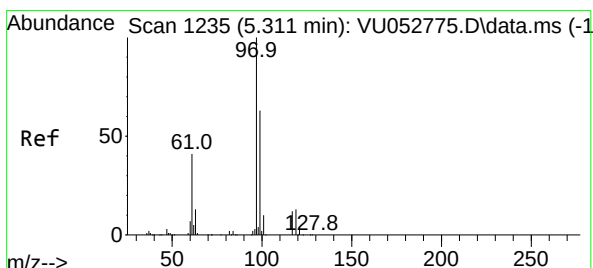
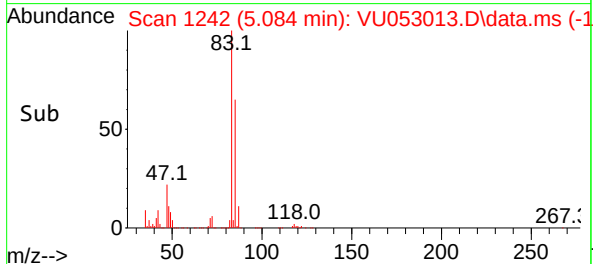
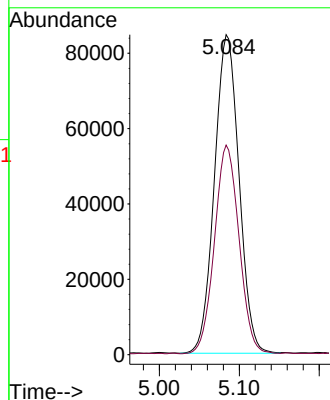
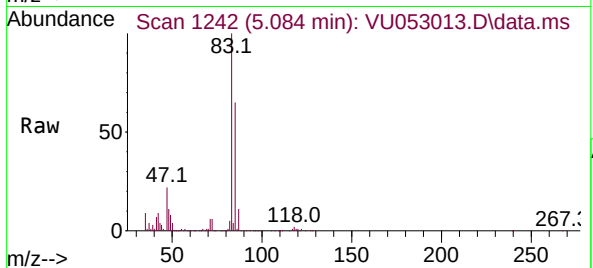
85 65.5 0.0 130.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#28

1,1,1-Trichloroethane

Concen: 11.102 ug/l

RT: 5.309 min Scan# 1312

Delta R.T. -0.002 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

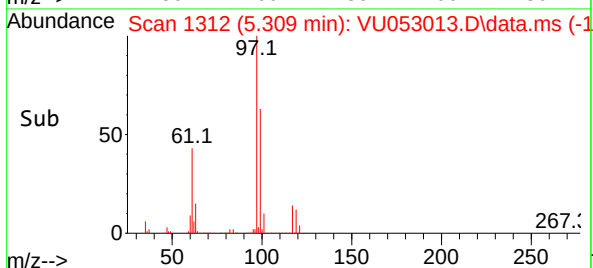
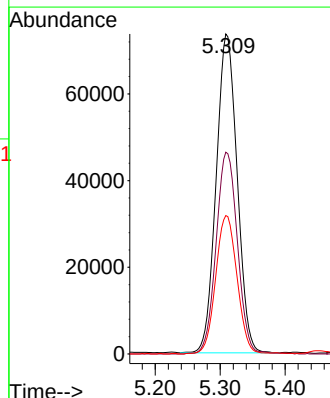
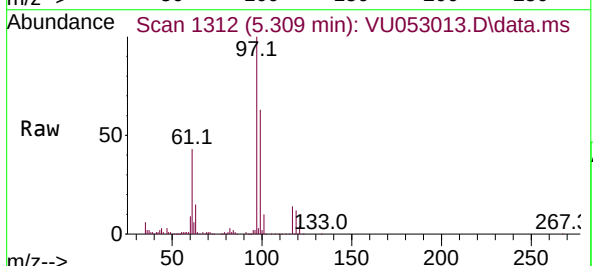
Tgt Ion: 97 Resp: 164487

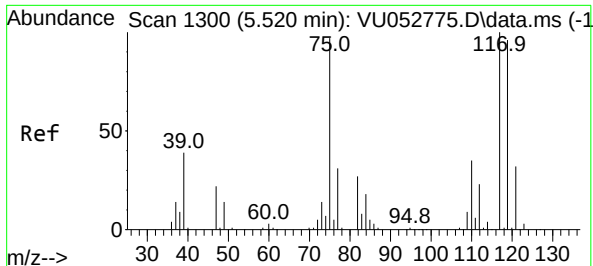
Ion Ratio Lower Upper

97 100

99 64.6 31.9 95.5

61 44.3 20.8 62.2





#29

1,1-Dichloropropene

Concen: 9.684 ug/l

RT: 5.518 min Scan# 11

Delta R.T. -0.002 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 12096

Ion Ratio Lower Upper

75 100

110 33.2 17.4 52.2

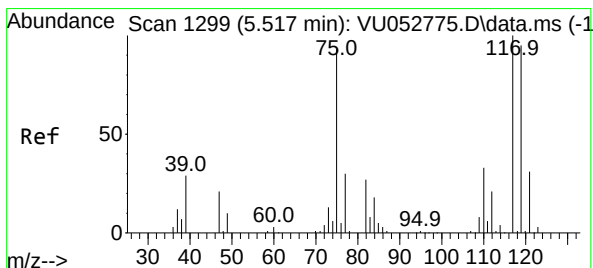
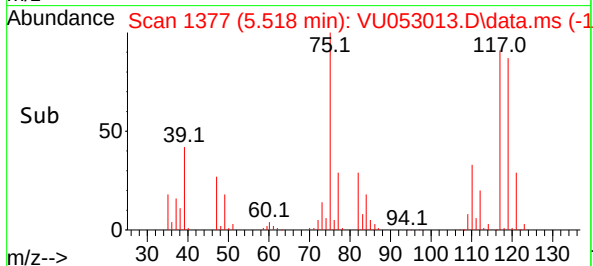
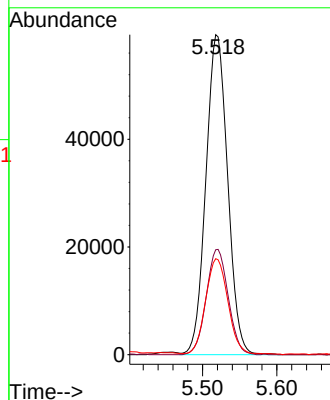
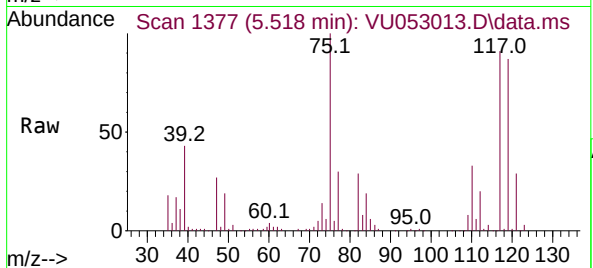
77 30.1 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#30

Carbon Tetrachloride

Concen: 8.888 ug/l

RT: 5.518 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

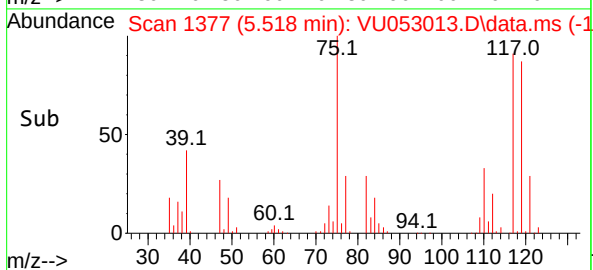
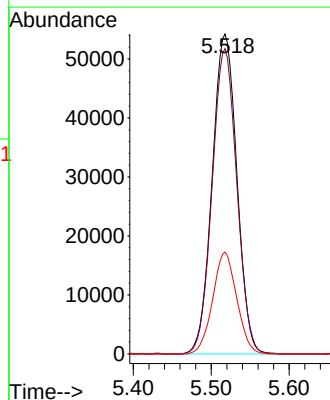
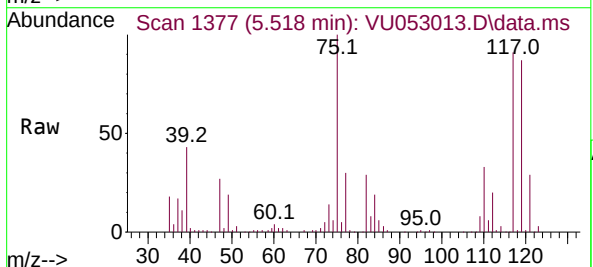
Tgt Ion:117 Resp: 119484

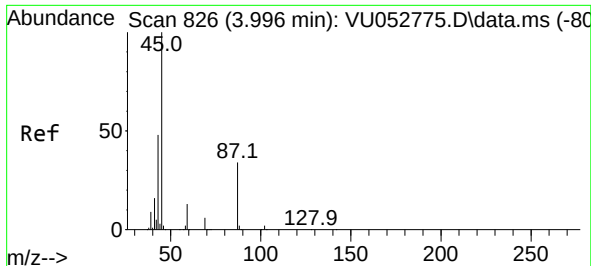
Ion Ratio Lower Upper

117 100

119 95.4 76.4 114.6

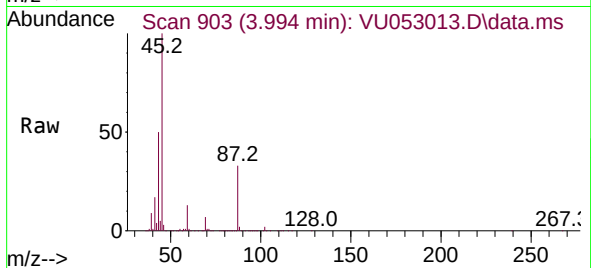
121 31.8 25.0 37.6





#31  
Isopropyl Ether  
Concen: 12.233 ug/l  
RT: 3.994 min Scan# 90  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

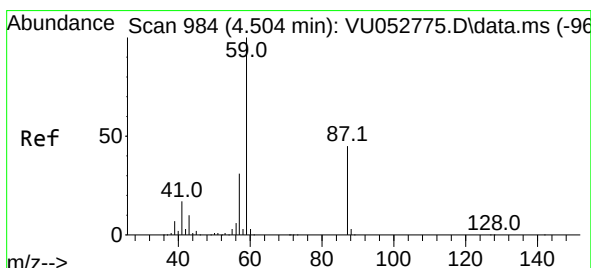
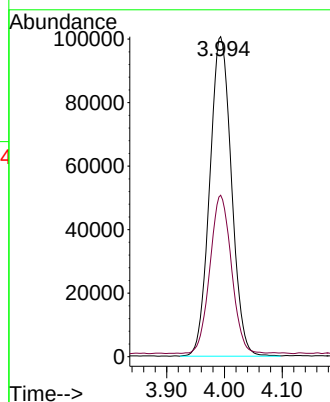
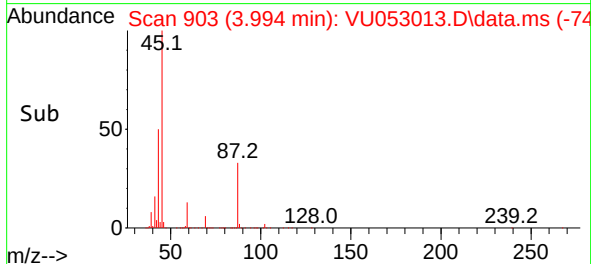
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



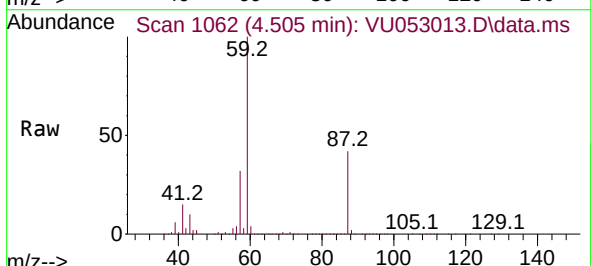
Tgt Ion: 45 Resp: 263189  
Ion Ratio Lower Upper  
45 100  
43 48.9 24.5 73.5

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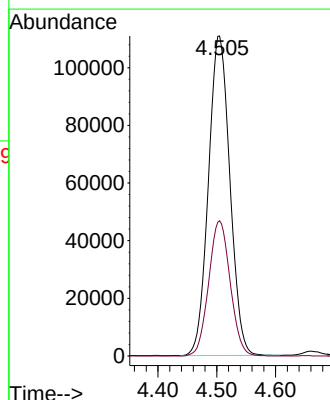
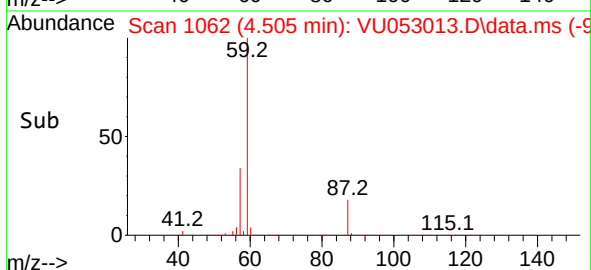
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

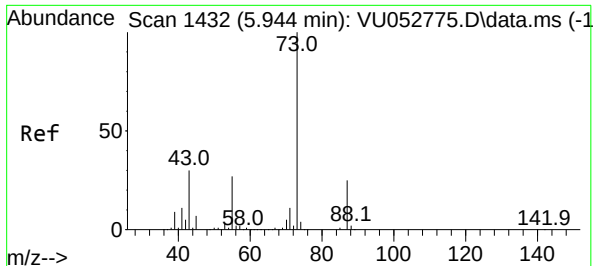


#32  
Ethyl-t-butyl ether  
Concen: 13.990 ug/l  
RT: 4.505 min Scan# 1062  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31



Tgt Ion: 59 Resp: 281003  
Ion Ratio Lower Upper  
59 100  
87 42.3 36.2 54.2





#33

Tert-Amyl methyl ether

Concen: 12.398 ug/l

RT: 5.942 min Scan# 1152

Delta R.T. -0.002 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 73 Resp: 220228

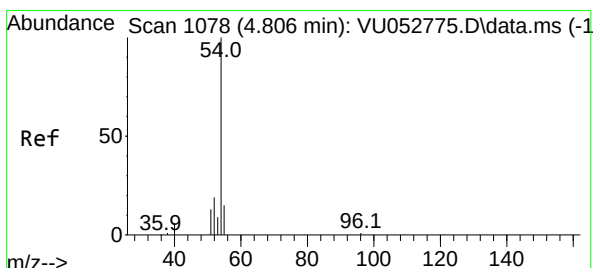
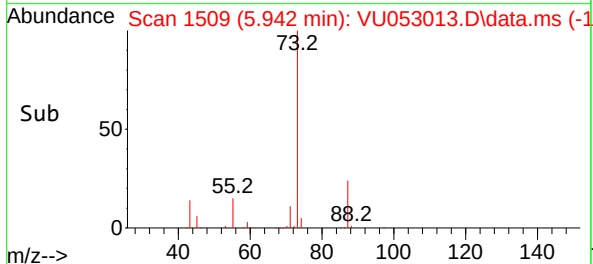
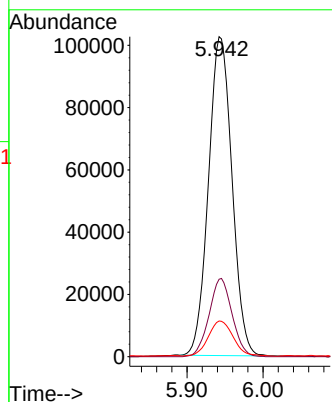
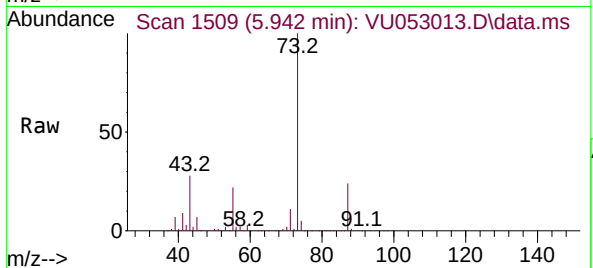
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 87  | 24.0  | 20.1  | 30.1  |
| 71  | 11.4  | 9.2   | 13.8  |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#34

Propionitrile

Concen: 60.445 ug/l

RT: 4.794 min Scan# 1152

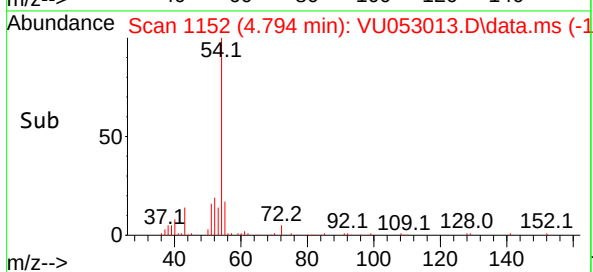
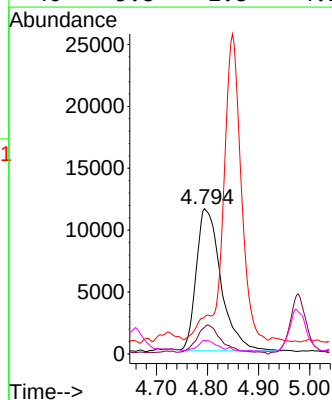
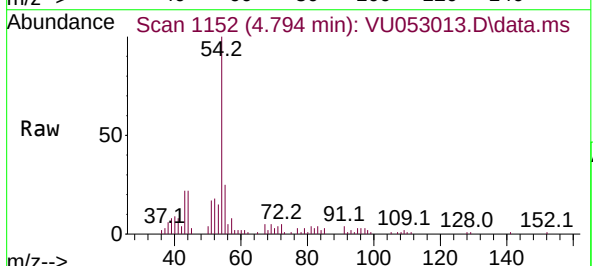
Delta R.T. -0.012 min

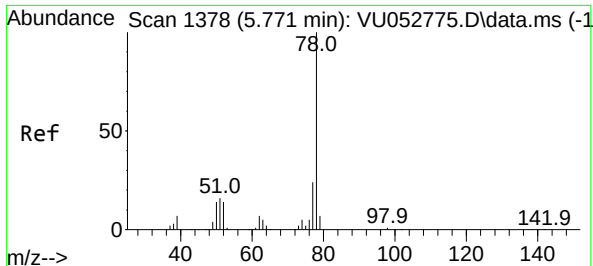
Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

Tgt Ion: 54 Resp: 38518

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 54  | 100   |       |        |
| 52  | 17.9  | 16.9  | 25.3   |
| 55  | 10.7  | 118.6 | 178.0# |
| 40  | 5.8   | 2.8   | 4.2#   |





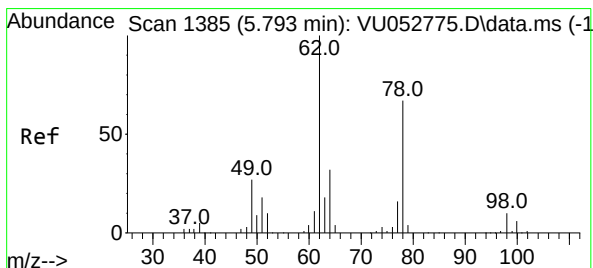
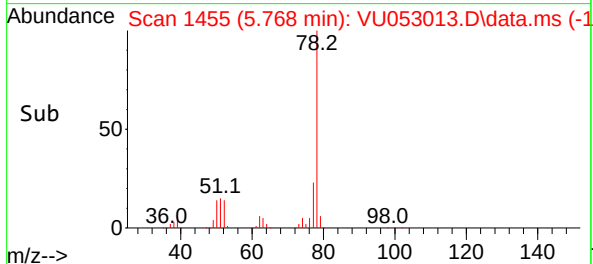
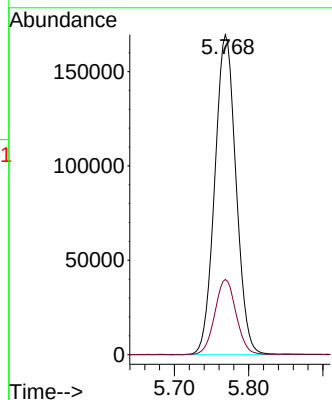
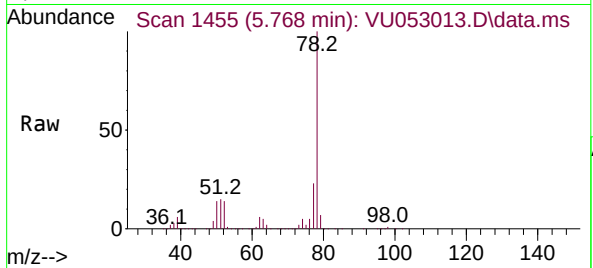
#35  
Benzene  
Concen: 9.304 ug/l  
RT: 5.768 min Scan# 1461  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 78 Resp: 337200  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.0 28.4

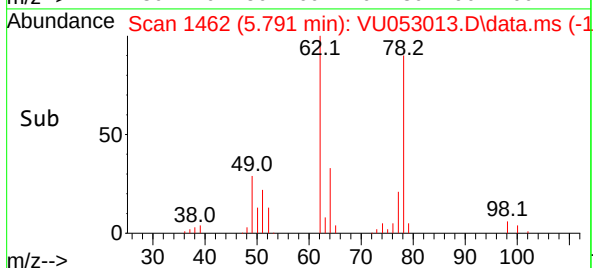
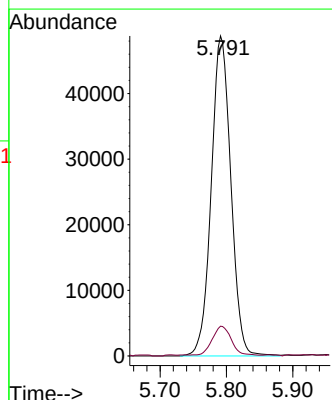
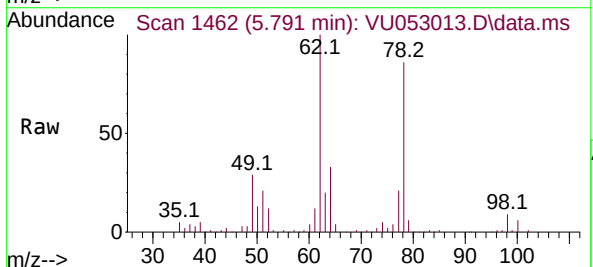
Manual Integrations  
APPROVED

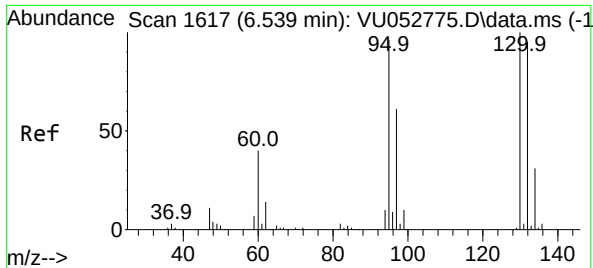
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#36  
1,2-Dichloroethane  
Concen: 9.203 ug/l  
RT: 5.791 min Scan# 1462  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

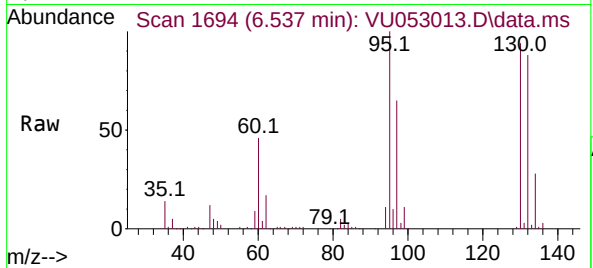
Tgt Ion: 62 Resp: 100186  
Ion Ratio Lower Upper  
62 100  
98 8.7 7.5 11.3





#37  
Trichloroethene  
Concen: 8.628 ug/l  
RT: 6.537 min Scan# 1772  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

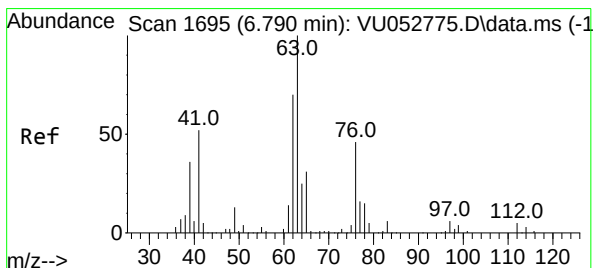
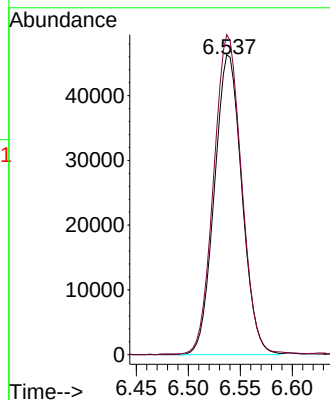
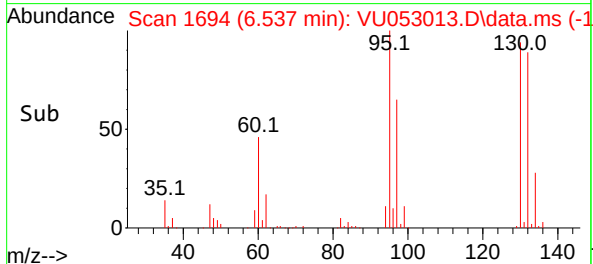
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



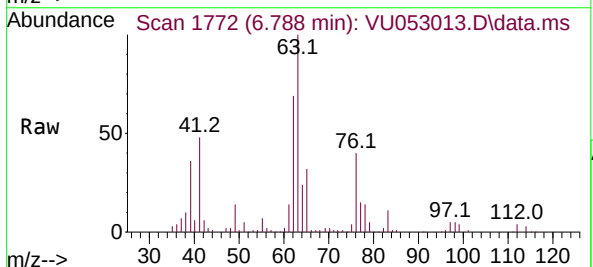
Tgt Ion:130 Resp: 85244  
Ion Ratio Lower Upper  
130 100  
95 106.3 76.6 114.8

Manual Integrations  
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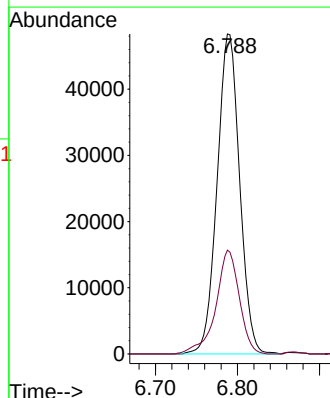
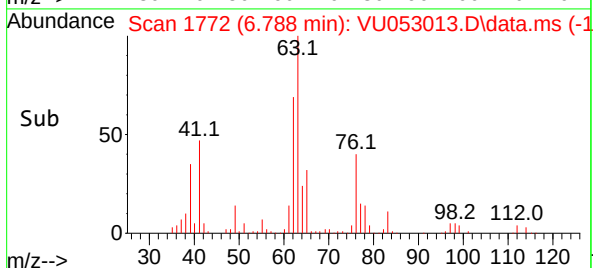
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

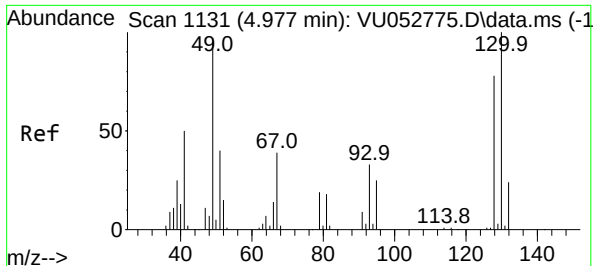


#38  
1,2-Dichloropropane  
Concen: 10.057 ug/l  
RT: 6.788 min Scan# 1772  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31



Tgt Ion: 63 Resp: 92474  
Ion Ratio Lower Upper  
63 100  
65 32.4 24.6 36.8





#39

Methacrylonitrile

Concen: 11.804 ug/l

RT: 4.974 min Scan# 1169

Delta R.T. -0.002 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

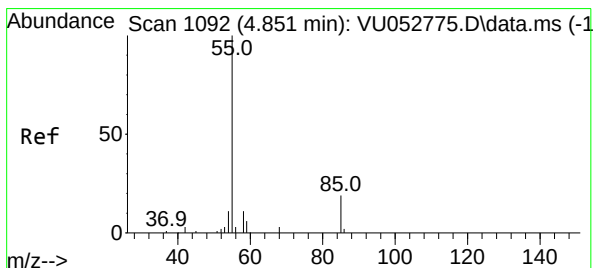
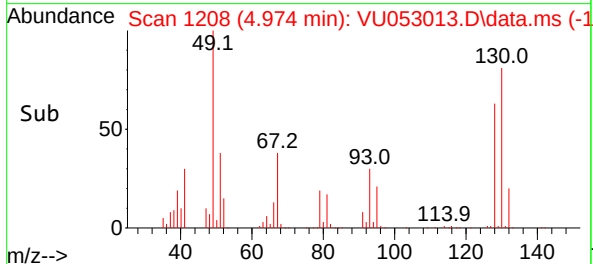
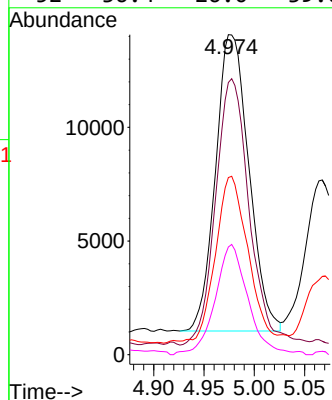
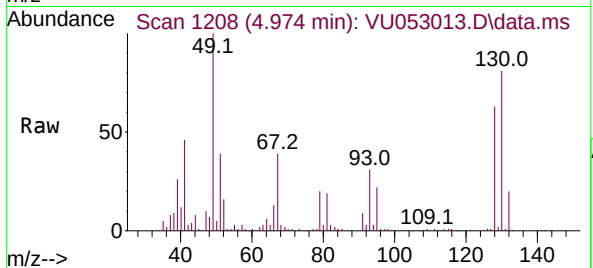
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 3004  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 67       | 91.4  | 64.9  | 97.3  |
| 39       | 53.9  | 41.7  | 62.5  |
| 52       | 36.4  | 26.0  | 39.0  |

Manual Integrations

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Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#40

Methyl acrylate

Concen: 12.415 ug/l

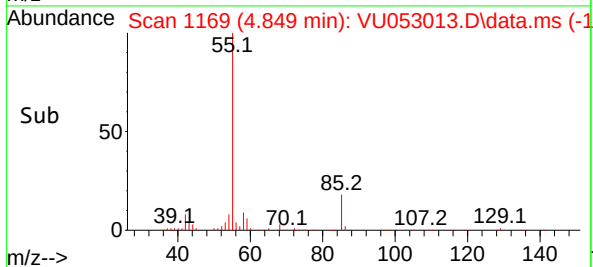
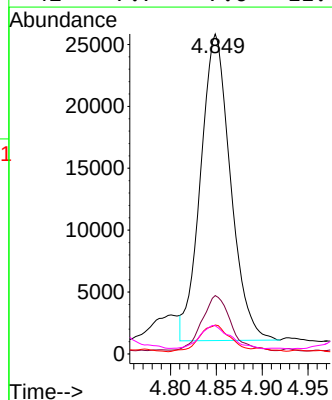
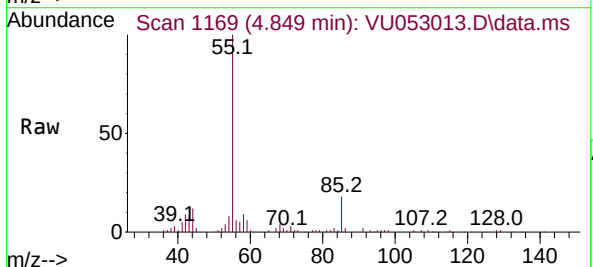
RT: 4.849 min Scan# 1169

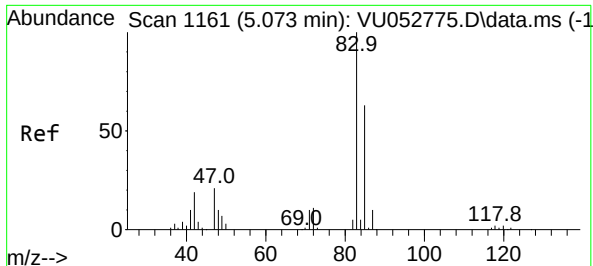
Delta R.T. -0.002 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 55    | Resp: | 56014 |
| Ion      | Ratio | Lower | Upper |
| 55       | 100   |       |       |
| 85       | 17.3  | 14.4  | 21.6  |
| 58       | 8.9   | 7.3   | 10.9  |
| 42       | 7.7   | 7.6   | 11.4  |





#41

Tetrahydrofuran

Concen: 24.033 ug/l

RT: 5.067 min Scan# 1356

Delta R.T. -0.006 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

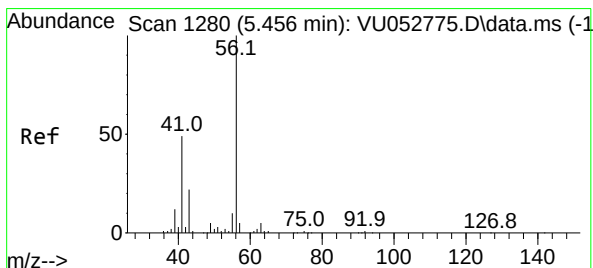
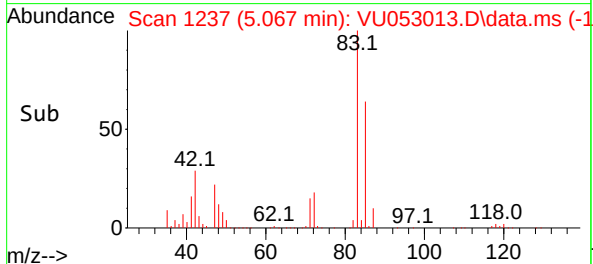
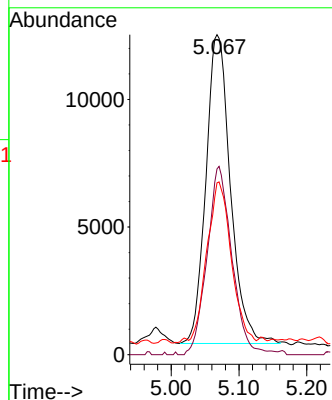
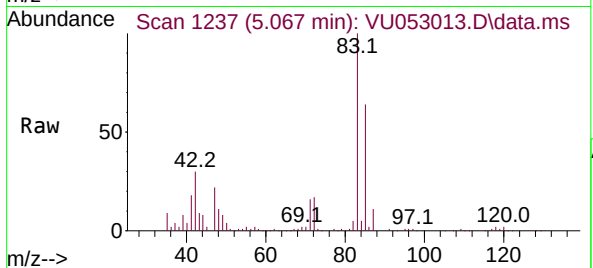
Tgt Ion: 42 Resp: 30420  
 Ion Ratio Lower Upper  
 42 100  
 72 61.8 49.1 73.7  
 71 50.0 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#42

1-Chlorobutane

Concen: 9.833 ug/l

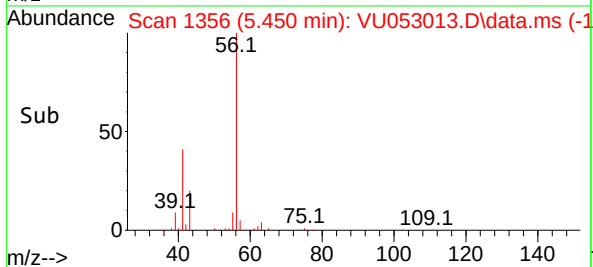
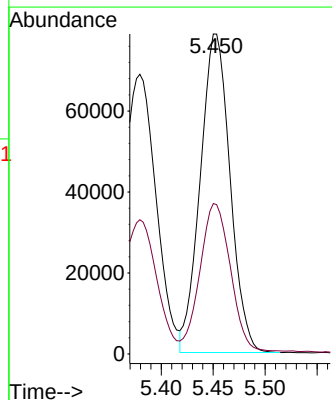
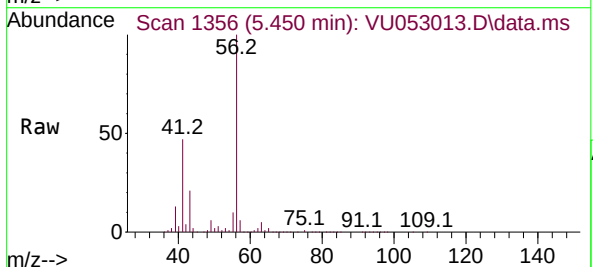
RT: 5.450 min Scan# 1356

Delta R.T. -0.006 min

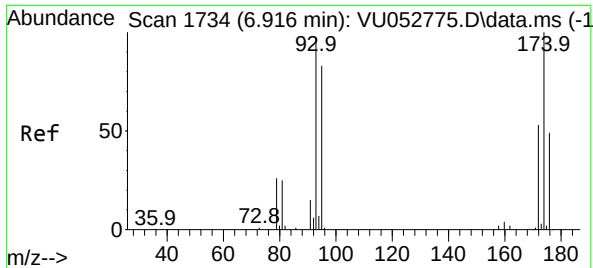
Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

Tgt Ion: 56 Resp: 157028  
 Ion Ratio Lower Upper  
 56 100  
 41 46.9 24.5 73.5

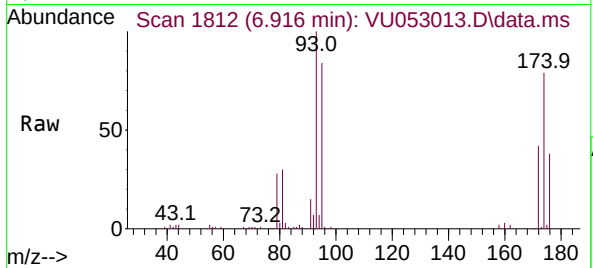






#43  
Dibromomethane  
Concen: 9.974 ug/l  
RT: 6.916 min Scan# 1812  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

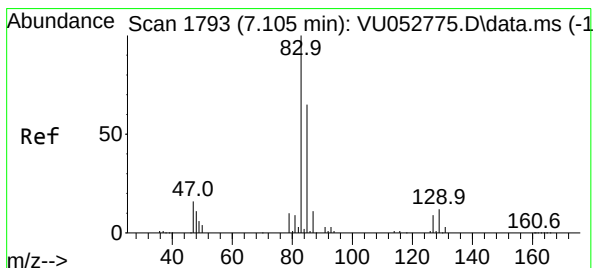
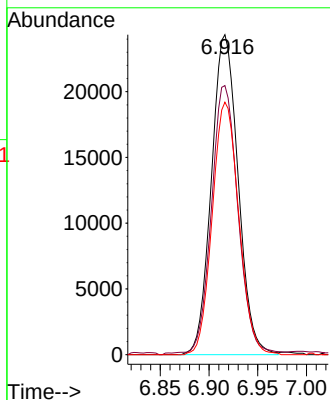
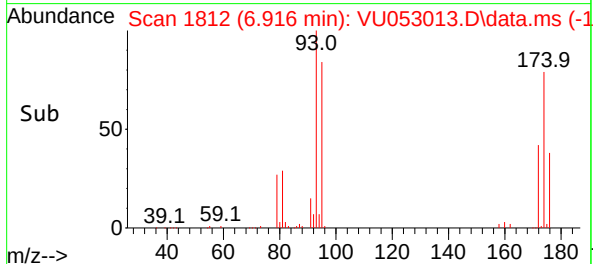
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



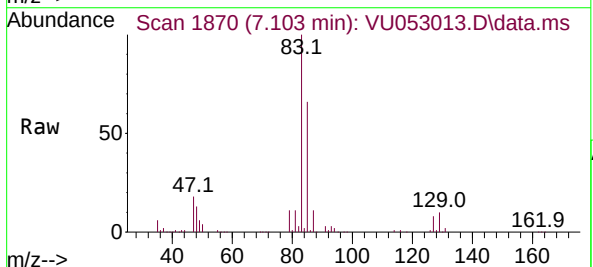
Tgt Ion: 93 Resp: 4642  
Ion Ratio Lower Upper  
93 100  
95 84.4 67.0 100.6  
174 78.3 82.2 123.4

Manual Integrations  
APPROVED

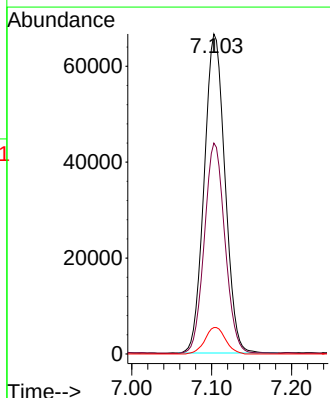
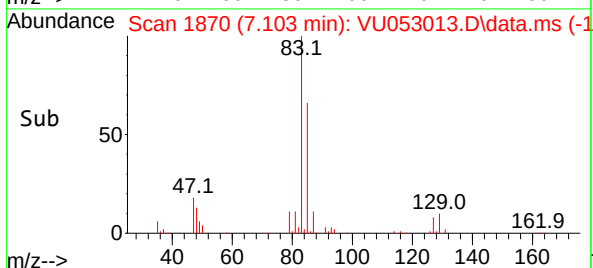
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

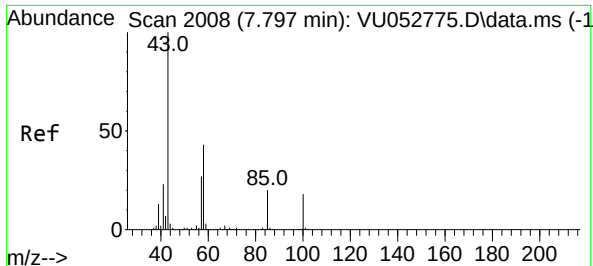


#44  
Bromodichloromethane  
Concen: 9.523 ug/l  
RT: 7.103 min Scan# 1870  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31



Tgt Ion: 83 Resp: 120236  
Ion Ratio Lower Upper  
83 100  
85 65.9 52.1 78.1  
127 8.3 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 54.571 ug/l

RT: 7.797 min Scan# 2008

Delta R.T. 0.001 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 26690

Ion Ratio Lower Upper

43 100

58 45.6 21.7 65.1

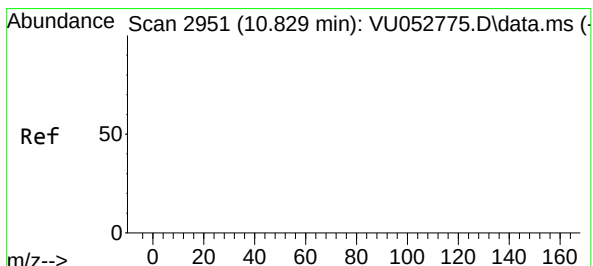
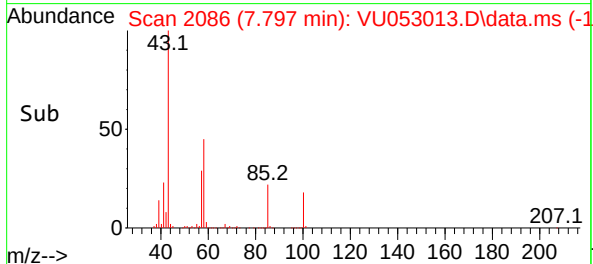
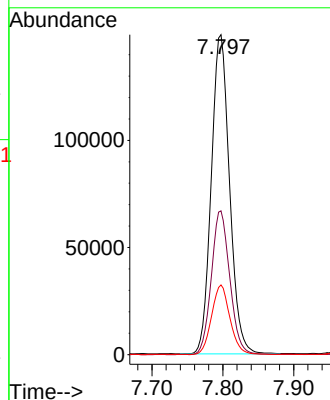
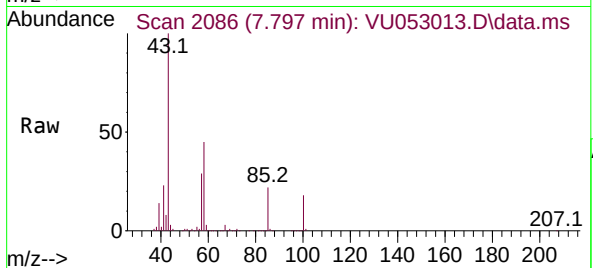
85 21.7 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#46

t-1,4-Dichloro-2-butene

Concen: 22.992 ug/l m

RT: 10.829 min Scan# 3029

Delta R.T. 0.001 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

Tgt Ion: 75 Resp: 58961

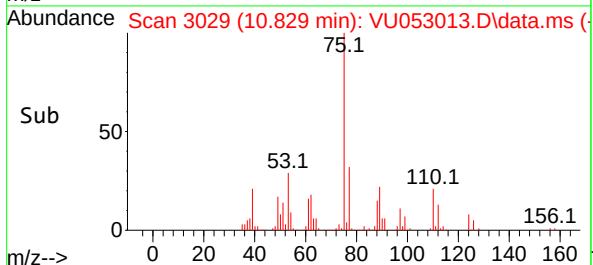
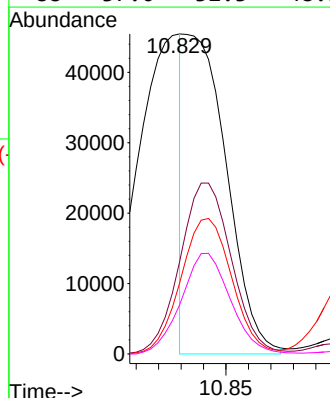
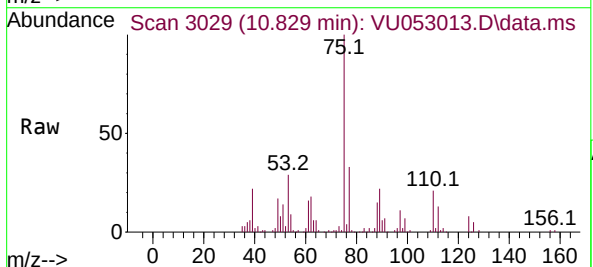
Ion Ratio Lower Upper

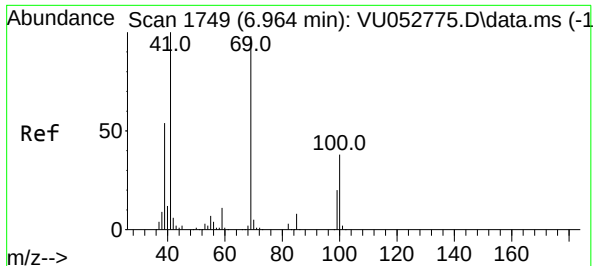
75 100

53 65.9 57.0 85.4

89 51.7 41.1 61.7

88 37.0 32.3 48.5





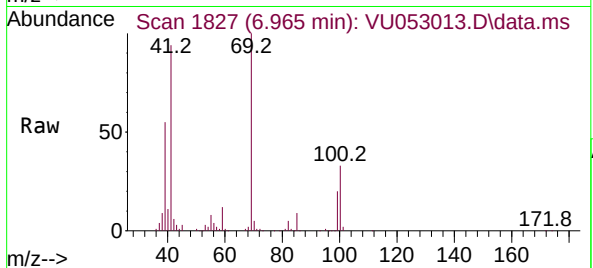
#47  
Methyl methacrylate  
Concen: 22.803 ug/l  
RT: 6.965 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010



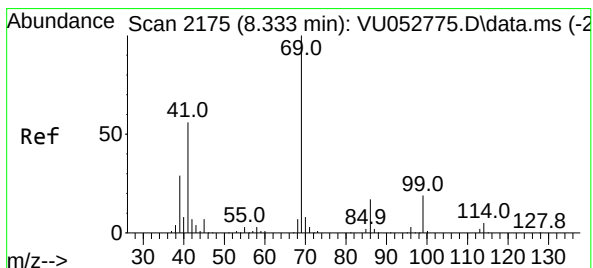
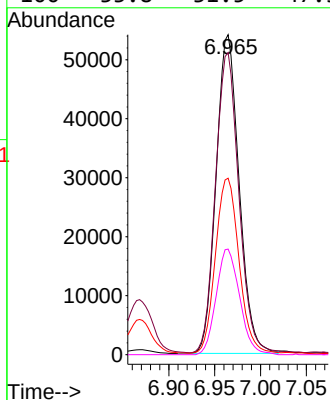
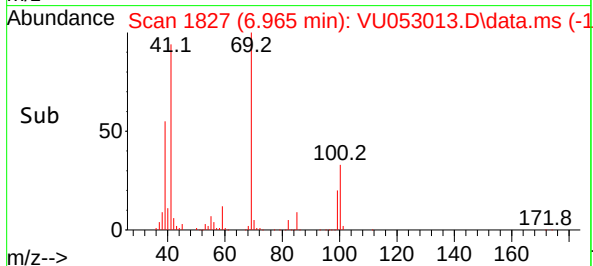
Tgt Ion: 69 Resp: 9434  
Ion Ratio Lower Upper  
69 100  
41 95.6 0.0 201.8  
39 56.0 44.0 66.0  
100 33.8 31.5 47.3

Manual Integrations

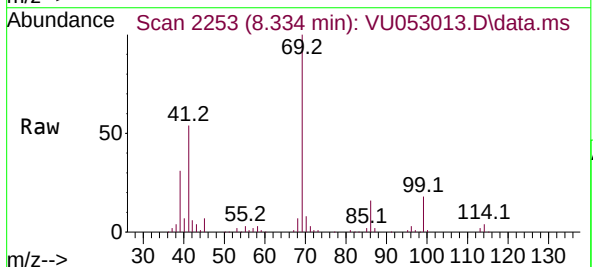
APPROVED

Reviewed By :Krupa Patel 02/10/2023

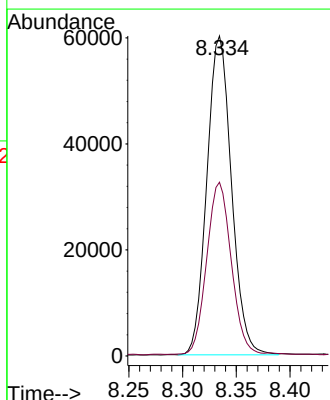
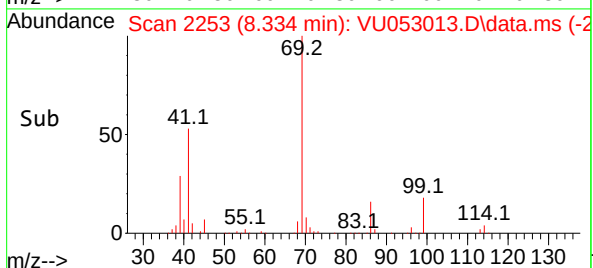
Supervised By :Mahesh Dadoda 02/10/2023

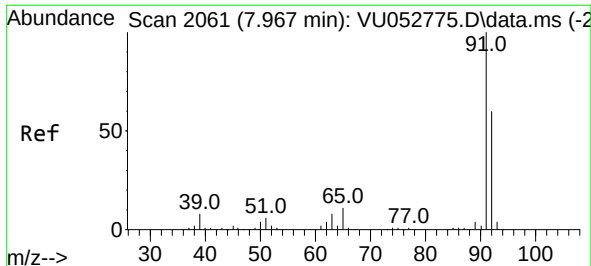


#48  
Ethyl methacrylate  
Concen: 12.754 ug/l  
RT: 8.334 min Scan# 2253  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31



Tgt Ion: 69 Resp: 95659  
Ion Ratio Lower Upper  
69 100  
41 53.7 28.1 84.4





#49

Toluene

Concen: 9.562 ug/l

RT: 7.964 min Scan# 2138

Delta R.T. -0.002 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 92 Resp: 210428

Ion Ratio Lower Upper

92 100

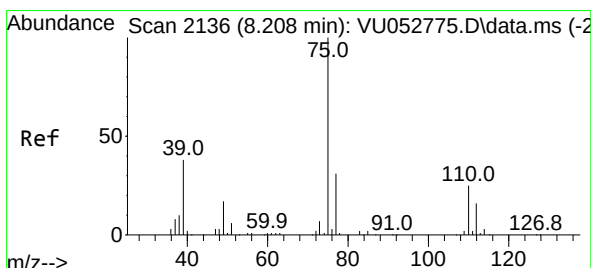
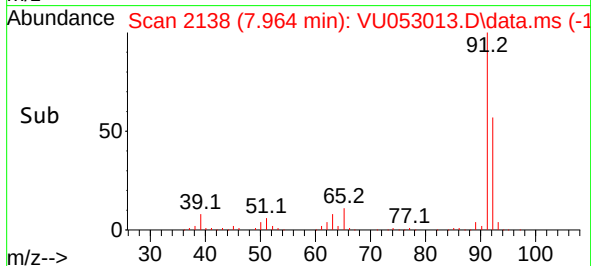
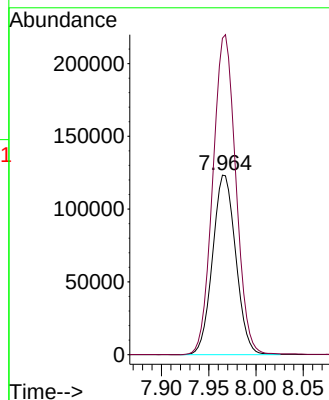
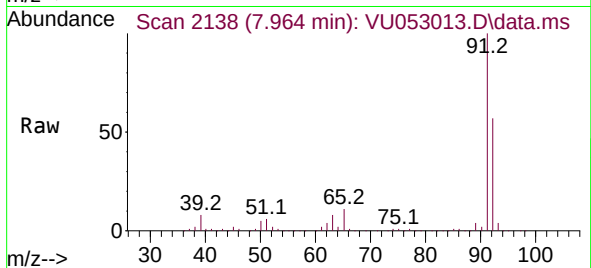
91 177.3 133.8 200.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#50

t-1,3-Dichloropropene

Concen: 11.201 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. 0.001 min

Lab File: VU053013.D

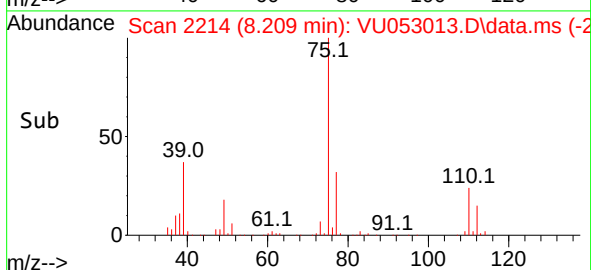
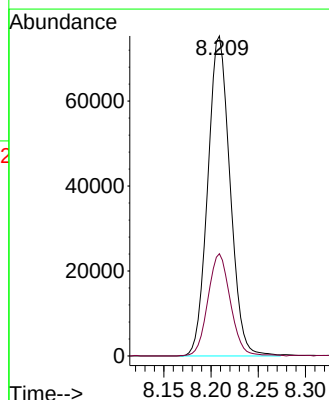
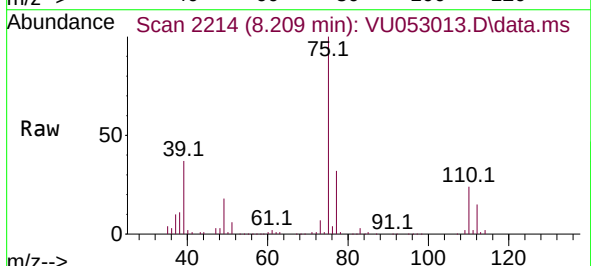
Acq: 09 Feb 2023 10:31

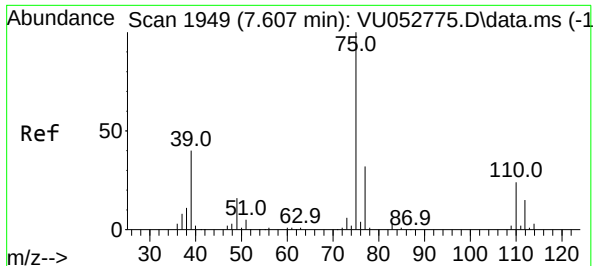
Tgt Ion: 75 Resp: 123357

Ion Ratio Lower Upper

75 100

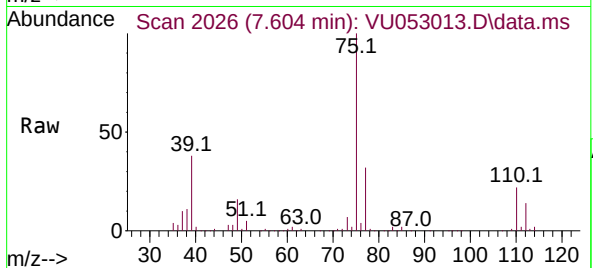
77 31.8 24.4 36.6





#51  
 cis-1,3-Dichloropropene  
 Concen: 11.193 ug/l  
 RT: 7.604 min Scan# 20  
 Delta R.T. -0.002 min  
 Lab File: VU053013.D  
 Acq: 09 Feb 2023 10:31

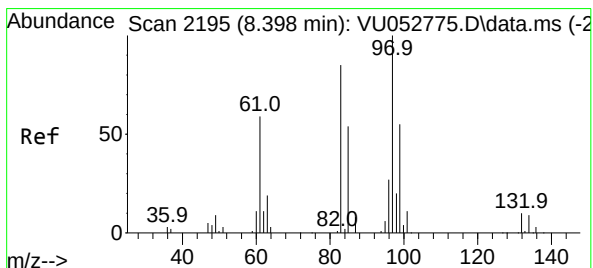
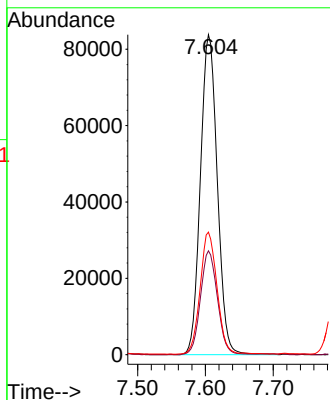
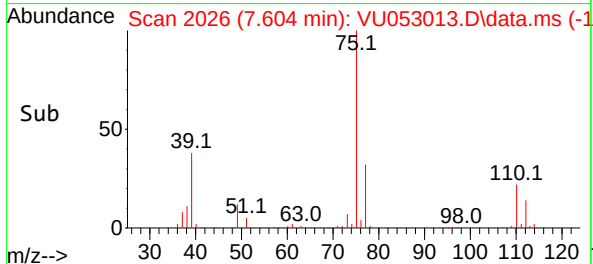
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010



Tgt Ion: 75 Resp: 145014  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.5 38.3  
 39 38.1 32.3 48.5

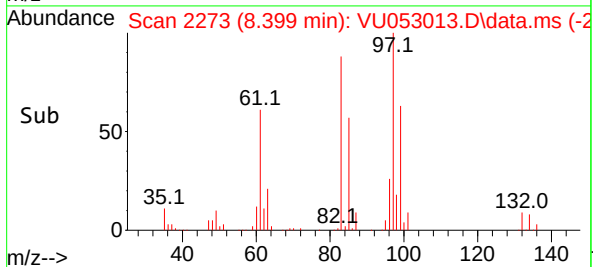
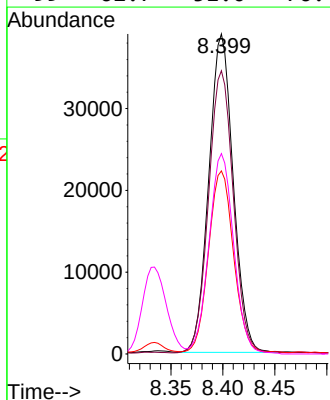
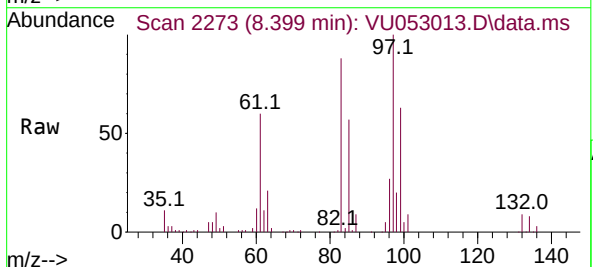
Manual Integrations  
 APPROVED

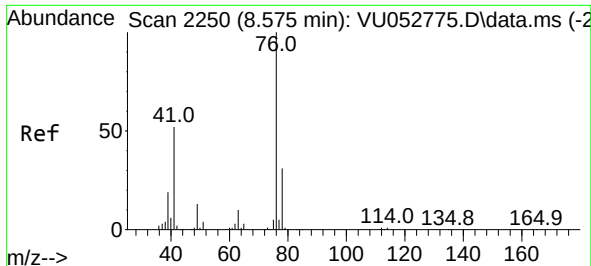
Reviewed By :Krupa Patel 02/10/2023  
 Supervised By :Mahesh Dadoda 02/10/2023



#52  
 1,1,2-Trichloroethane  
 Concen: 9.607 ug/l  
 RT: 8.399 min Scan# 2273  
 Delta R.T. 0.001 min  
 Lab File: VU053013.D  
 Acq: 09 Feb 2023 10:31

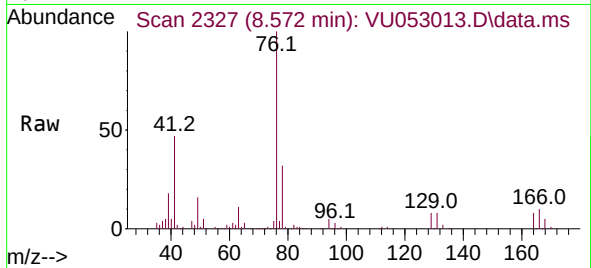
Tgt Ion: 97 Resp: 63588  
 Ion Ratio Lower Upper  
 97 100  
 83 88.5 68.2 102.2  
 85 56.9 44.5 66.7  
 99 62.7 51.0 76.4





#53  
1,3-Dichloropropane  
Concen: 10.122 ug/l  
RT: 8.572 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

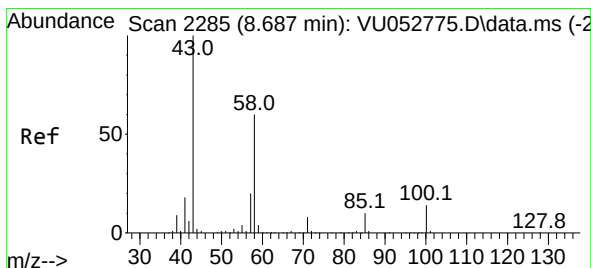
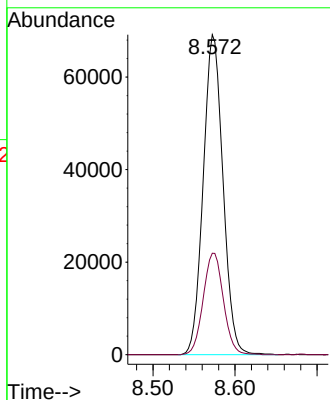
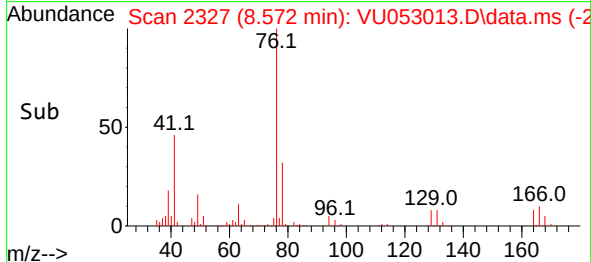
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



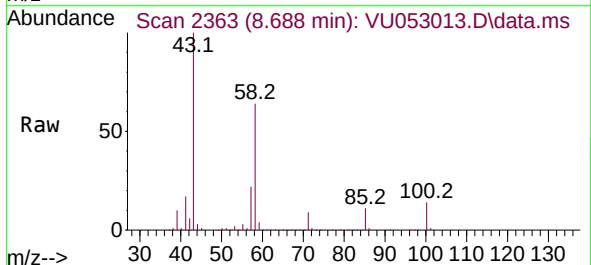
Tgt Ion: 76 Resp: 115800  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.2 37.8

Manual Integrations  
APPROVED

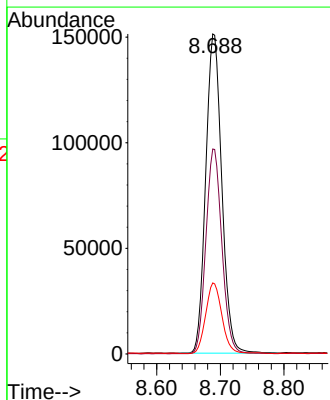
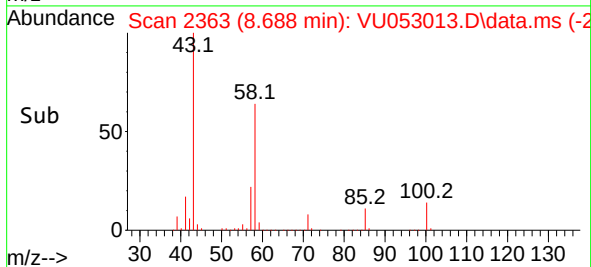
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

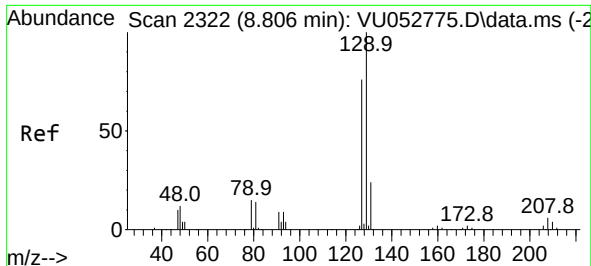


#54  
2-Hexanone  
Concen: 61.977 ug/l  
RT: 8.688 min Scan# 2363  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31



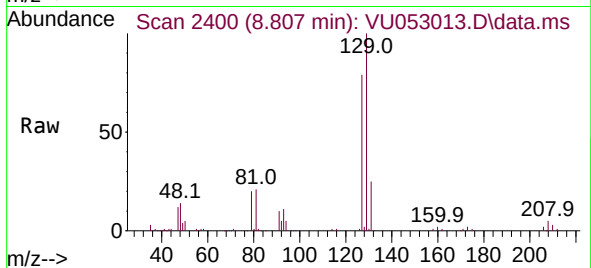
Tgt Ion: 43 Resp: 265188  
Ion Ratio Lower Upper  
43 100  
58 63.7 40.0 80.0  
57 22.1 0.6 40.6





#55  
Dibromochloromethane  
Concen: 9.281 ug/l  
RT: 8.807 min Scan# 2434  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

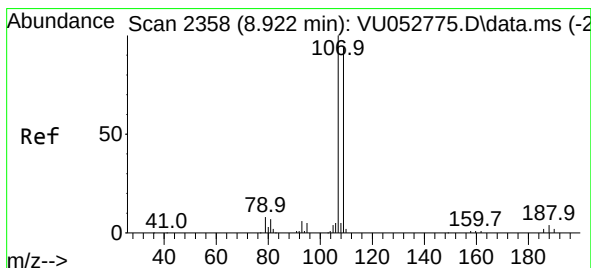
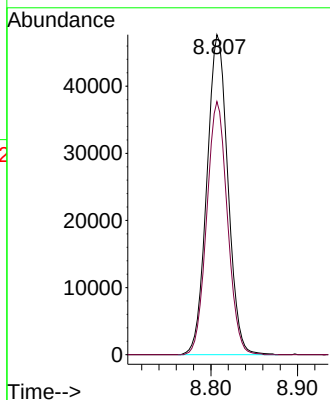
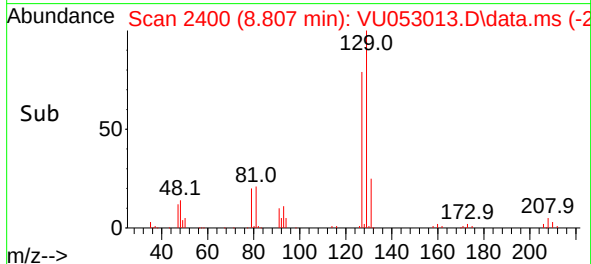
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



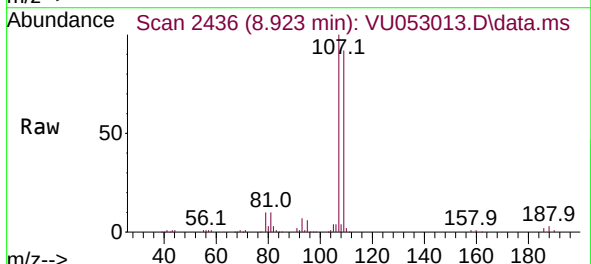
Tgt Ion:129 Resp: 8034  
Ion Ratio Lower Upper  
129 100  
127 77.8 61.5 92.3

Manual Integrations  
APPROVED

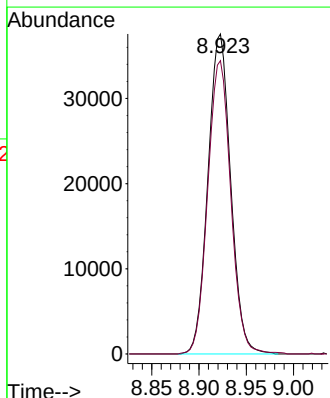
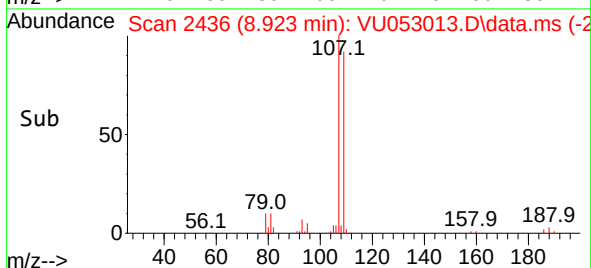
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

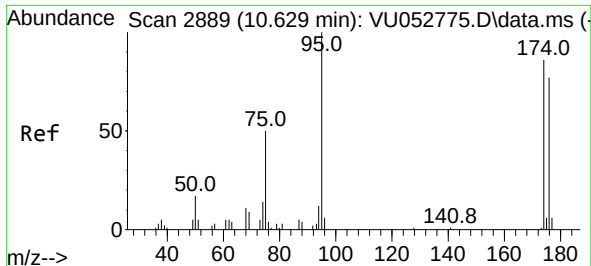


#56  
1,2-Dibromoethane  
Concen: 9.979 ug/l  
RT: 8.923 min Scan# 2436  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31



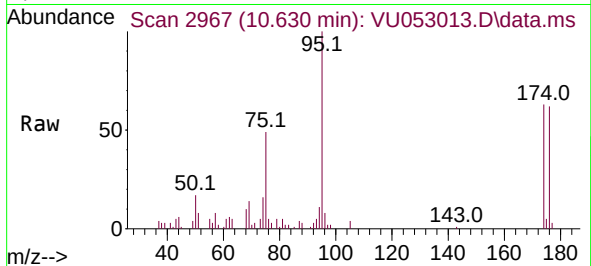
Tgt Ion:107 Resp: 62877  
Ion Ratio Lower Upper  
107 100  
109 93.1 0.0 190.4





#57  
4-Bromofluorobenzene  
Concen: 1.223 ug/l  
RT: 10.630 min Scan# 2967  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

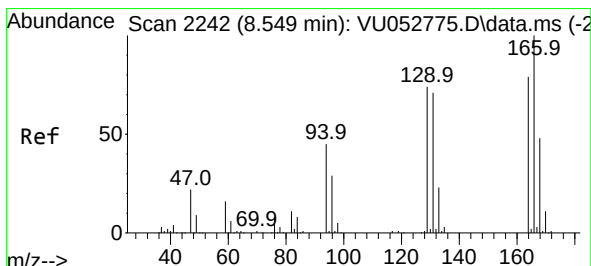
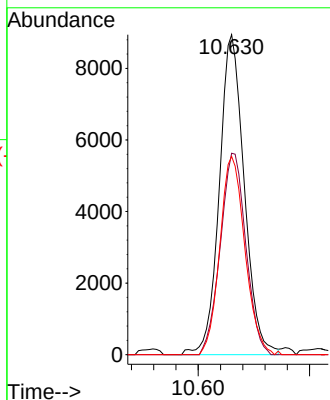
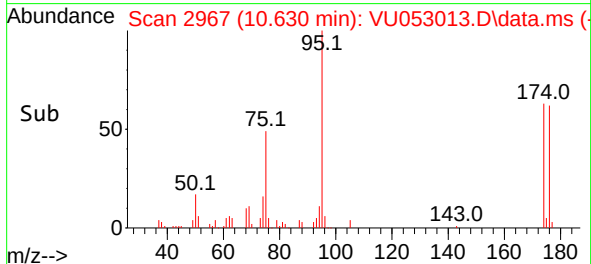
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 95 Resp: 1389  
Ion Ratio Lower Upper  
95 100  
174 64.4 66.9 100.3  
176 62.5 61.9 92.9

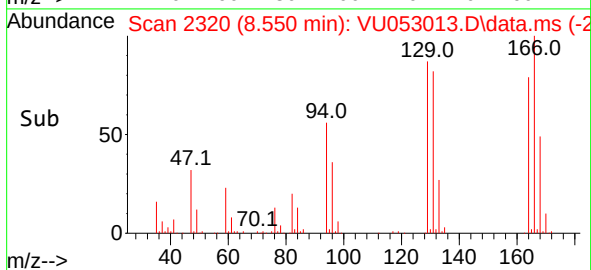
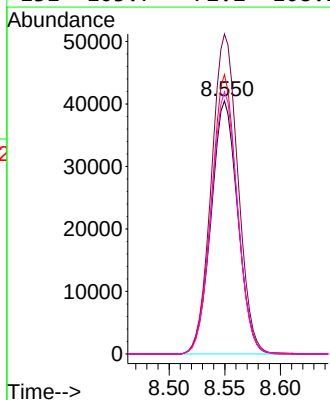
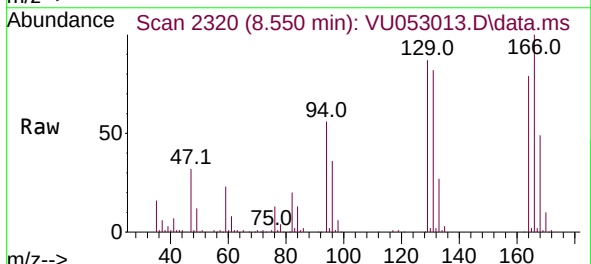
Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

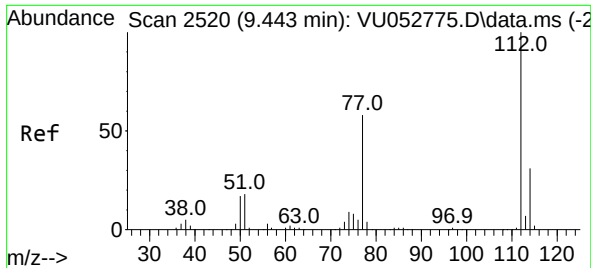


#58  
Tetrachloroethene  
Concen: 7.519 ug/l  
RT: 8.550 min Scan# 2320  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Tgt Ion:164 Resp: 67036  
Ion Ratio Lower Upper  
164 100  
166 126.5 101.5 152.3  
129 110.4 75.2 112.8  
131 103.7 72.2 108.2

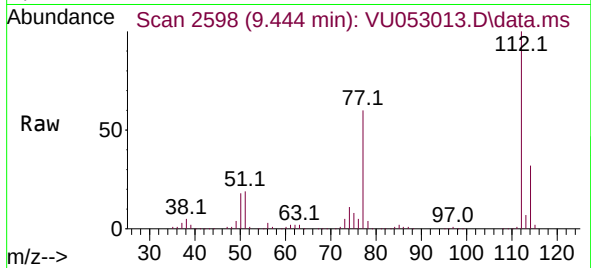






#59  
Chlorobenzene  
Concen: 9.958 ug/l  
RT: 9.444 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

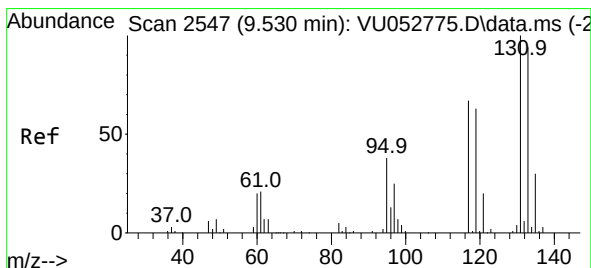
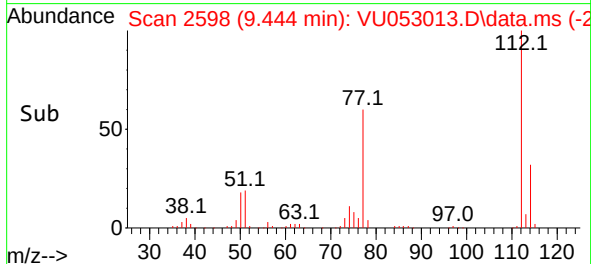
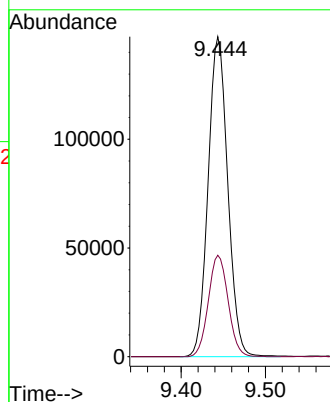
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion:112 Resp: 238494  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.2 37.8

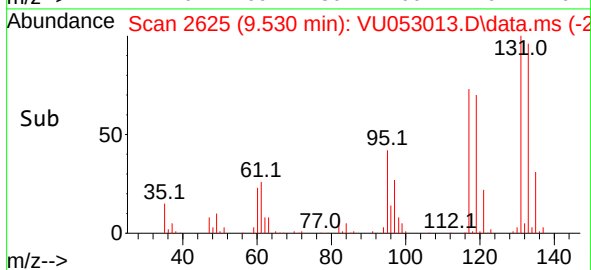
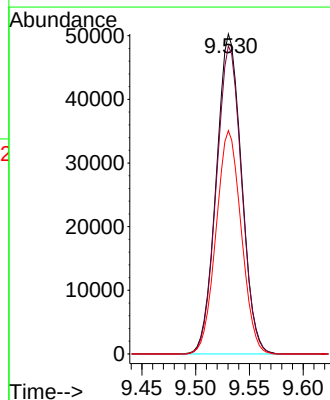
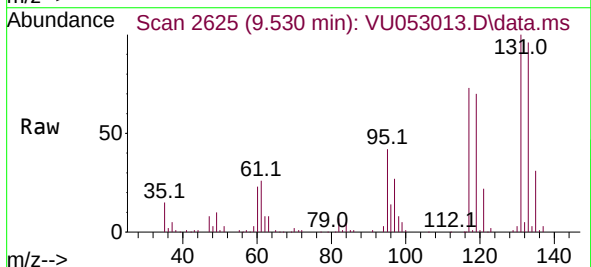
Manual Integrations  
APPROVED

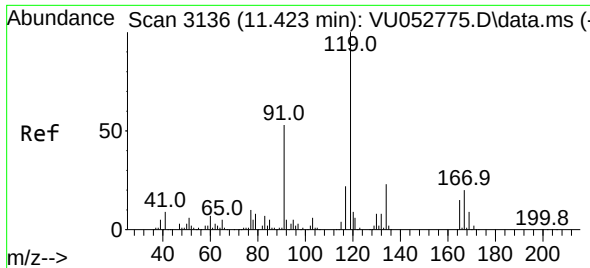
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#60  
1,1,1,2-Tetrachloroethane  
Concen: 8.895 ug/l  
RT: 9.530 min Scan# 2625  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Tgt Ion:131 Resp: 82446  
Ion Ratio Lower Upper  
131 100  
133 96.1 77.2 115.8  
119 69.4 50.8 76.2





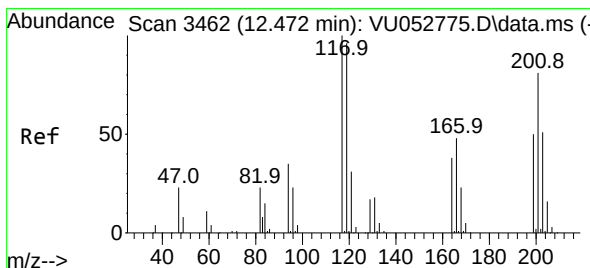
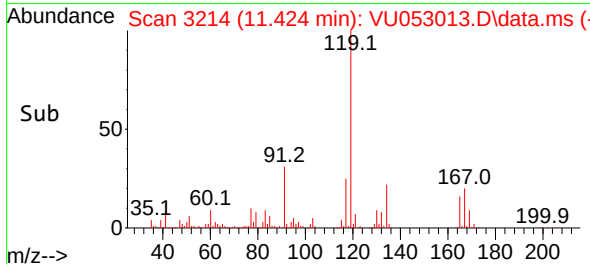
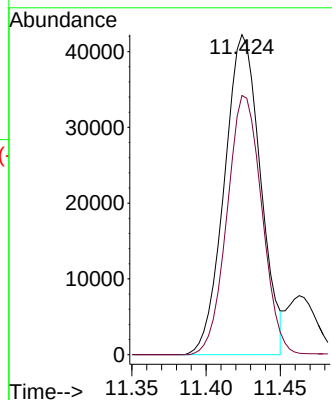
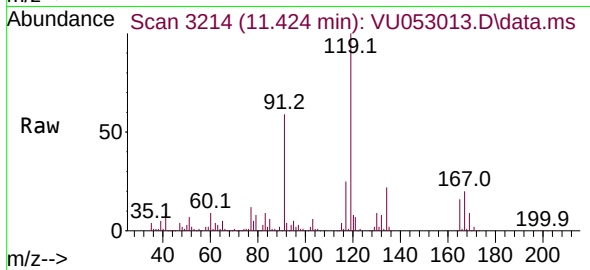
#61  
 Pentachloroethane  
 Concen: 9.424 ug/l  
 RT: 11.424 min Scan# 3136  
 Delta R.T. 0.001 min  
 Lab File: VU053013.D  
 Acq: 09 Feb 2023 10:31

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

Tgt Ion:117 Resp: 71560  
 Ion Ratio Lower Upper  
 117 100  
 167 78.1 66.8 100.2

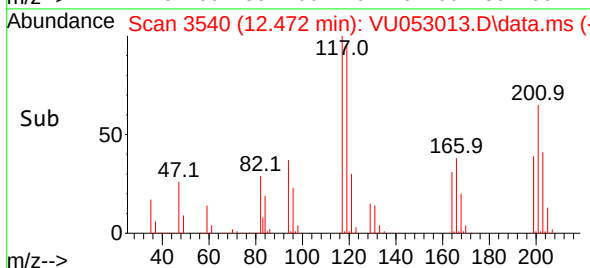
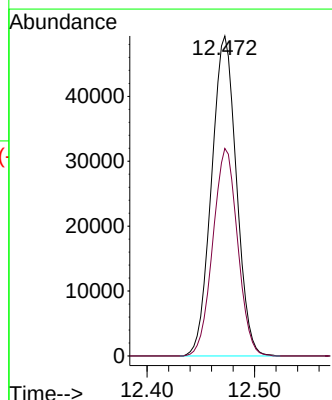
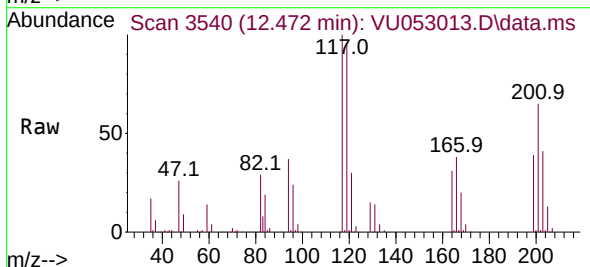
Manual Integrations  
 APPROVED

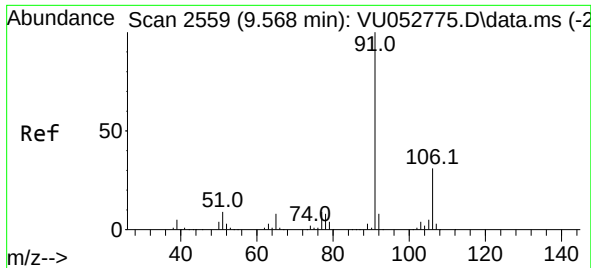
Reviewed By :Krupa Patel 02/10/2023  
 Supervised By :Mahesh Dadoda 02/10/2023



#62  
 Hexachloroethane  
 Concen: 10.326 ug/l  
 RT: 12.472 min Scan# 3540  
 Delta R.T. 0.001 min  
 Lab File: VU053013.D  
 Acq: 09 Feb 2023 10:31

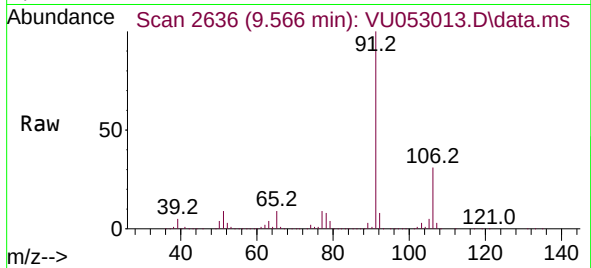
Tgt Ion:117 Resp: 79220  
 Ion Ratio Lower Upper  
 117 100  
 201 64.6 64.6 97.0#





#63  
Ethyl Benzene  
Concen: 11.060 ug/l  
RT: 9.566 min Scan# 2636  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

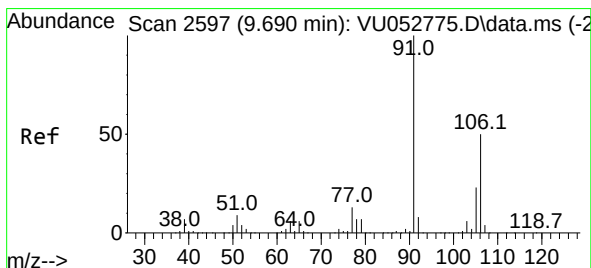
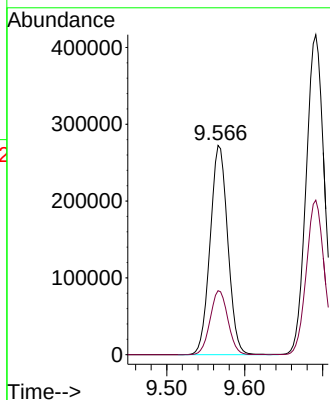
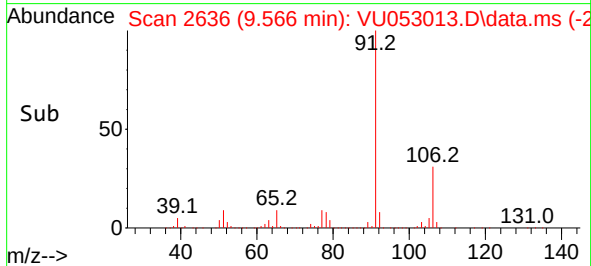
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



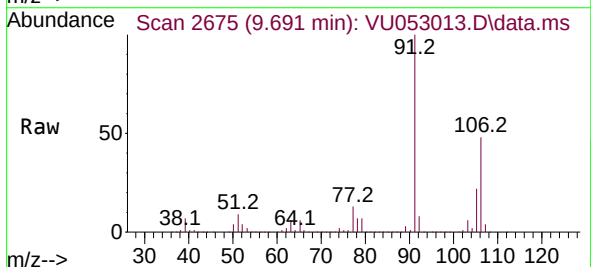
Tgt Ion: 91 Resp: 429070  
Ion Ratio Lower Upper  
91 100  
106 30.6 25.1 37.7

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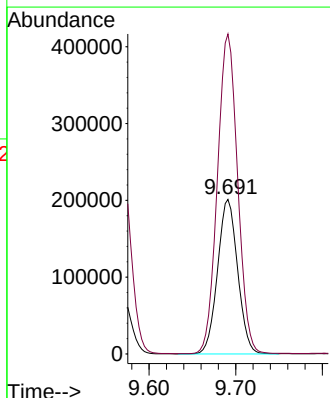
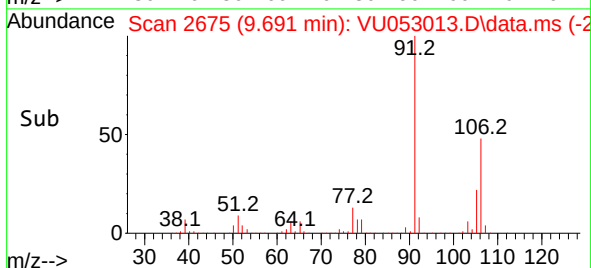
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

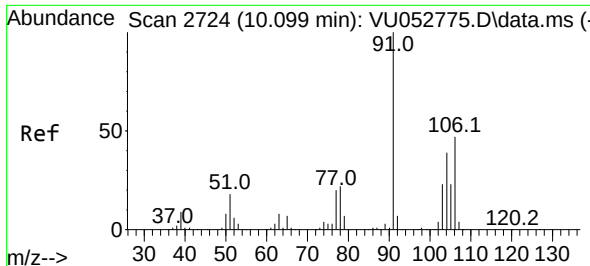


#64  
m/p-Xylenes  
Concen: 20.961 ug/l  
RT: 9.691 min Scan# 2675  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31



Tgt Ion:106 Resp: 324194  
Ion Ratio Lower Upper  
106 100  
91 208.6 158.7 238.1





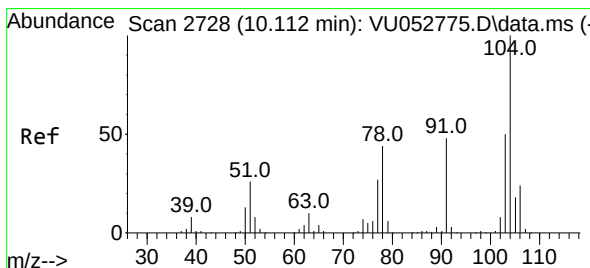
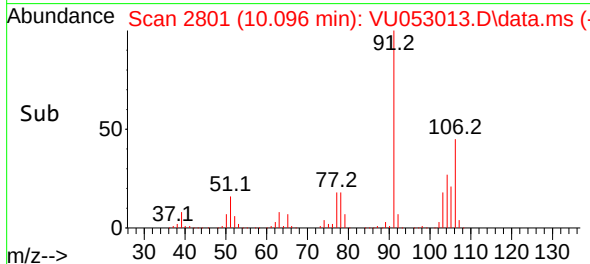
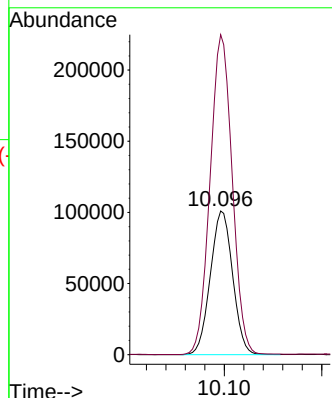
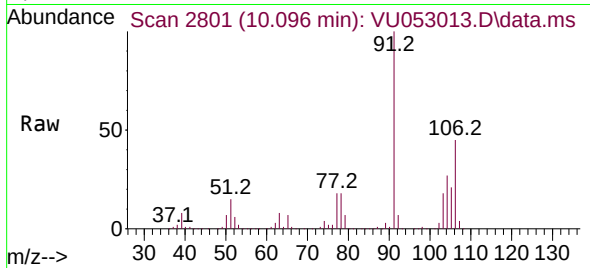
#65  
o-Xylene  
Concen: 10.751 ug/l  
RT: 10.096 min Scan# 2801  
Delta R.T. -0.003 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:106 Resp: 16044  
Ion Ratio Lower Upper  
106 100  
91 220.7 105.6 316.8

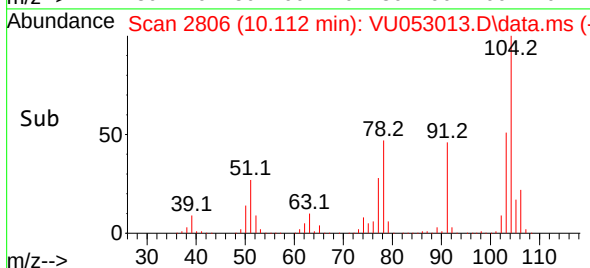
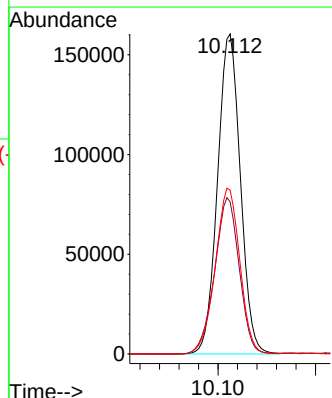
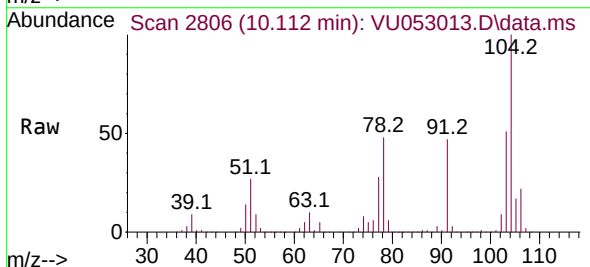
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APPROVED

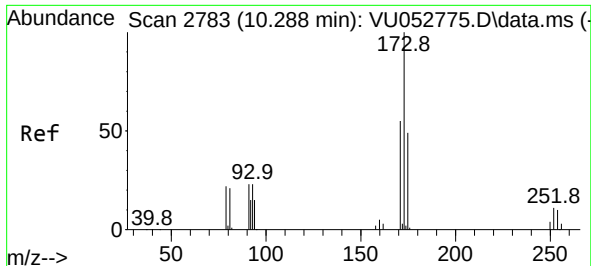
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#66  
Styrene  
Concen: 9.110 ug/l  
RT: 10.112 min Scan# 2806  
Delta R.T. 0.000 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

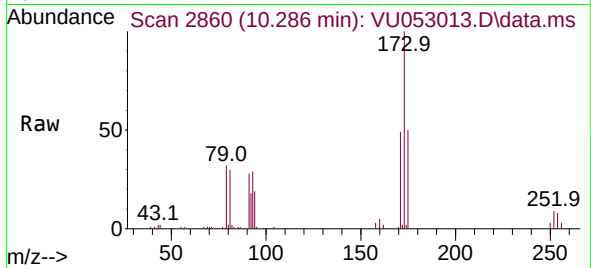
Tgt Ion:104 Resp: 261014  
Ion Ratio Lower Upper  
104 100  
78 52.6 39.6 59.4  
103 55.8 42.9 64.3





#67  
Bromoform  
Concen: 8.722 ug/l  
RT: 10.286 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

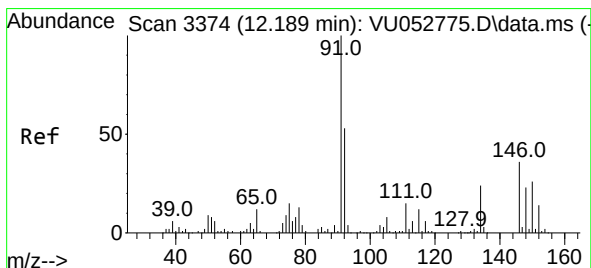
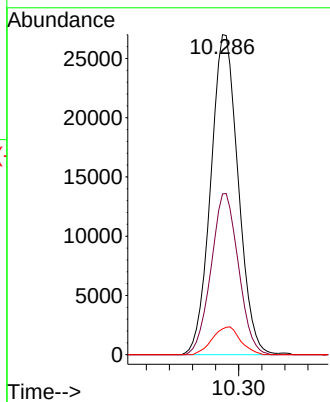
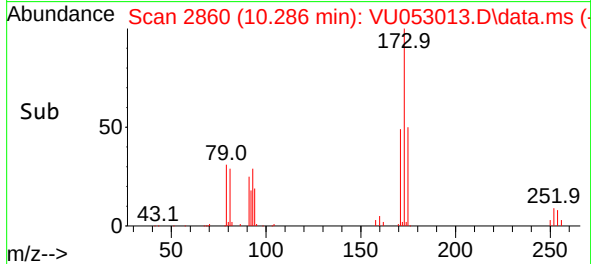
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion:173 Resp: 44554  
Ion Ratio Lower Upper  
173 100  
175 50.1 39.5 59.3  
254 8.8 8.0 12.0

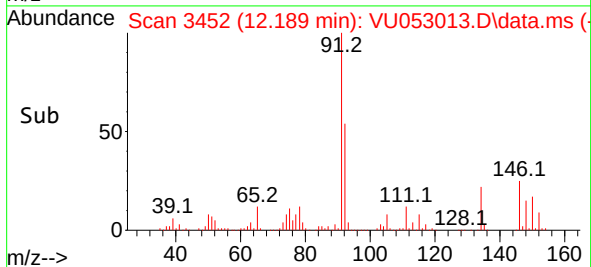
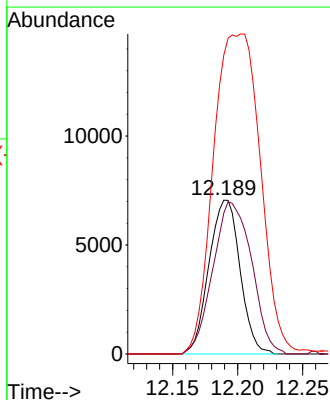
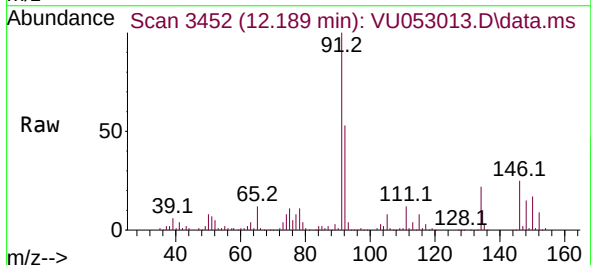
Manual Integrations  
APPROVED

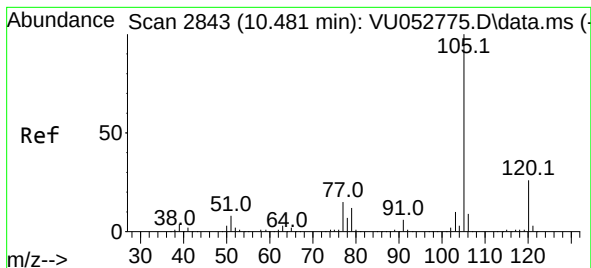
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#68  
1,2-Dichlorobenzene-d4  
Concen: 1.006 ug/l  
RT: 12.189 min Scan# 3452  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Tgt Ion:152 Resp: 11752  
Ion Ratio Lower Upper  
152 100  
115 123.0 0.0 262.6  
150 314.2 0.0 638.0





#69

Isopropylbenzene

Concen: 11.240 ug/l

RT: 10.482 min Scan# 2843

Delta R.T. 0.001 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 426894

Ion Ratio Lower Upper

105 100

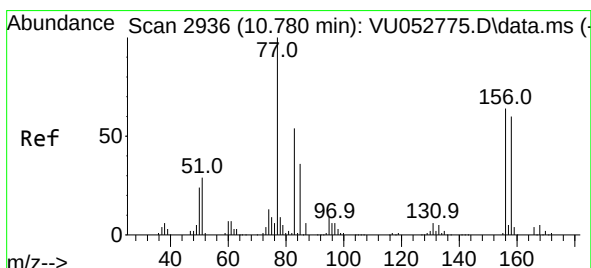
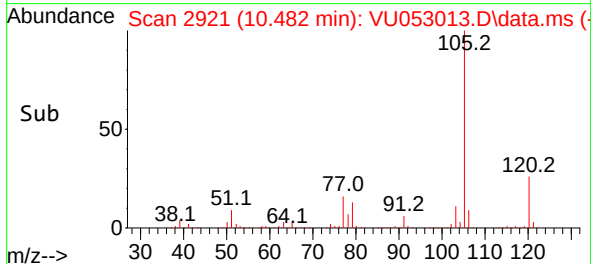
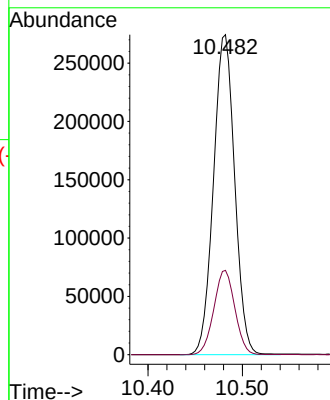
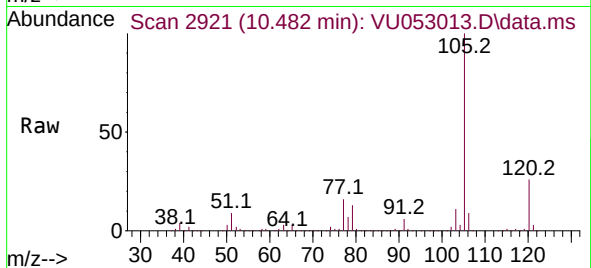
120 26.2 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 10.864 ug/l

RT: 10.781 min Scan# 3014

Delta R.T. 0.001 min

Lab File: VU053013.D

Acq: 09 Feb 2023 10:31

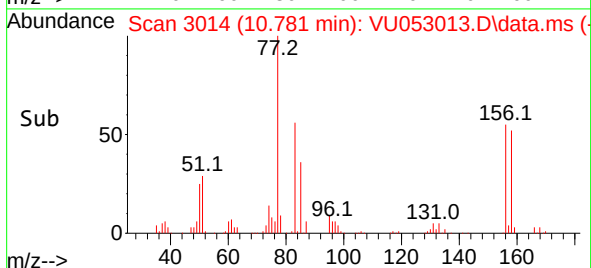
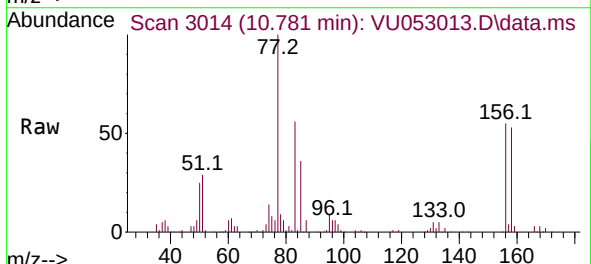
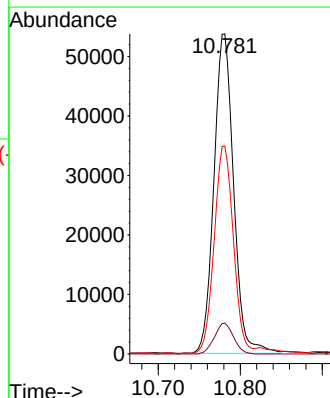
Tgt Ion: 83 Resp: 89634

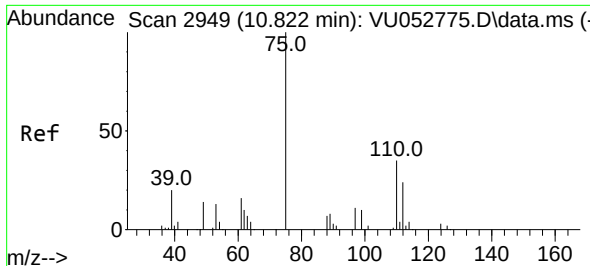
Ion Ratio Lower Upper

83 100

131 9.3 8.6 13.0

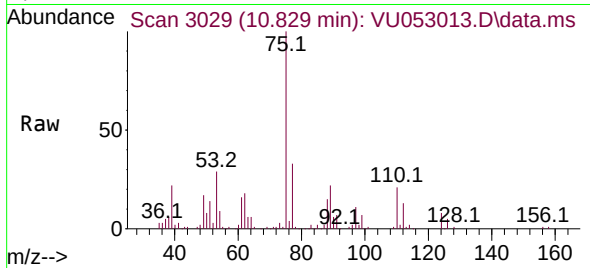
85 63.0 52.6 78.8





#71  
1,2,3-Trichloropropane  
Concen: 12.261 ug/l m  
RT: 10.829 min Scan# 3013  
Delta R.T. 0.007 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

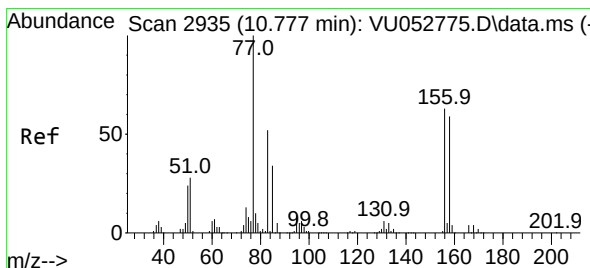
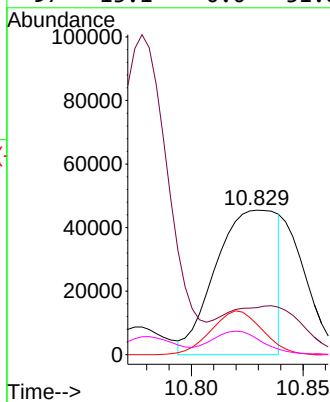
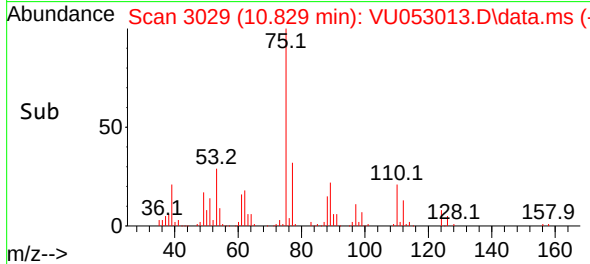
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



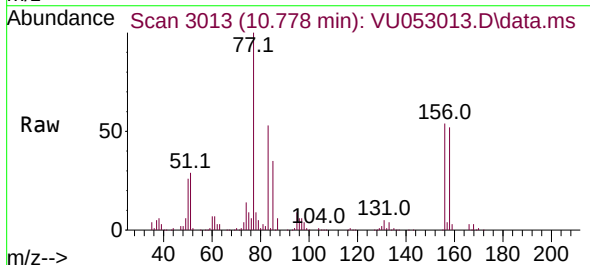
Tgt Ion: 75 Resp: 8756  
Ion Ratio Lower Upper  
75 100  
77 40.7 0.0 86.0  
110 25.2 0.0 63.8  
97 13.1 0.0 31.8

Manual Integrations  
APPROVED

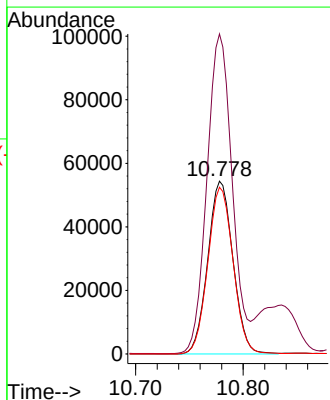
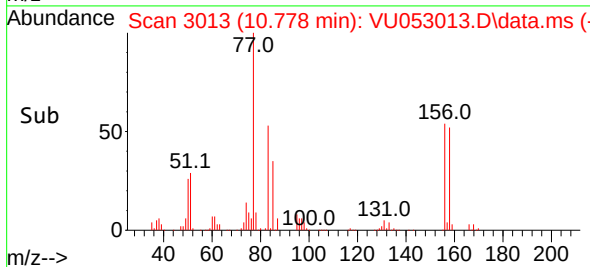
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

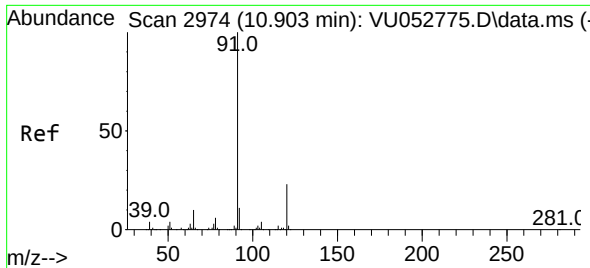


#72  
Bromobenzene  
Concen: 9.175 ug/l  
RT: 10.778 min Scan# 3013  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31



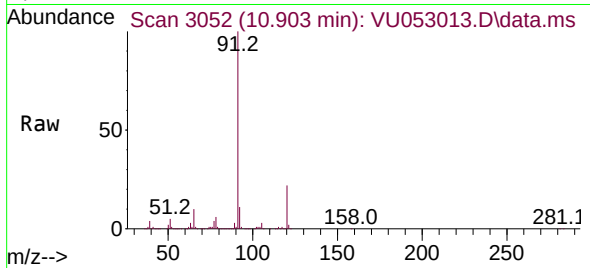
Tgt Ion:156 Resp: 88508  
Ion Ratio Lower Upper  
156 100  
77 185.7 0.0 321.2  
158 96.5 0.0 192.0





#73  
n-propylbenzene  
Concen: 9.008 ug/l  
RT: 10.903 min Scan# 3052  
Delta R.T. 0.000 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

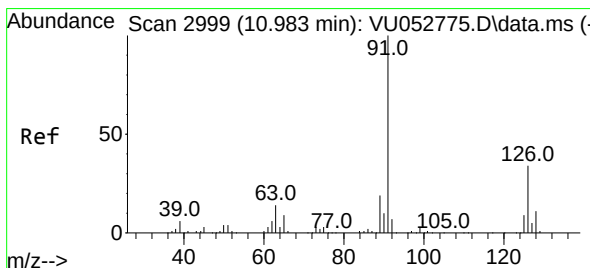
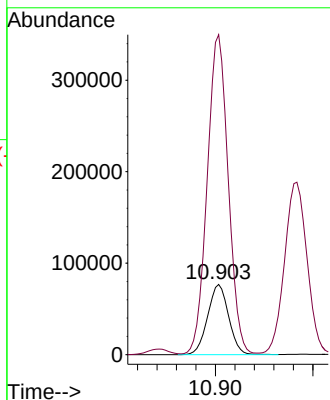
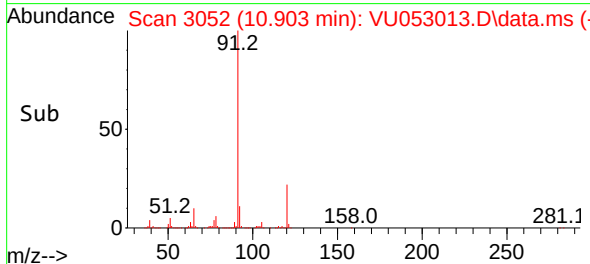
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion:120 Resp: 114830  
Ion Ratio Lower Upper  
120 100  
91 453.9 348.0 522.0

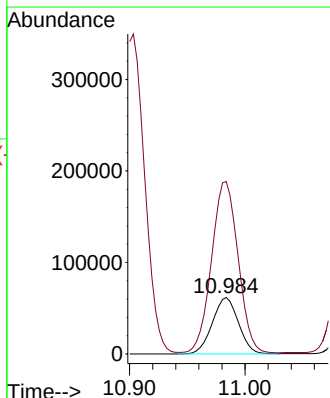
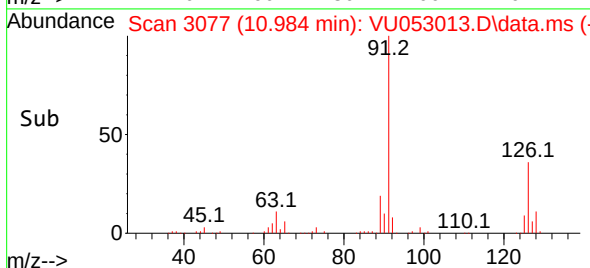
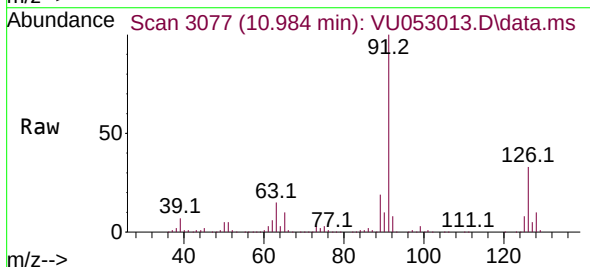
Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

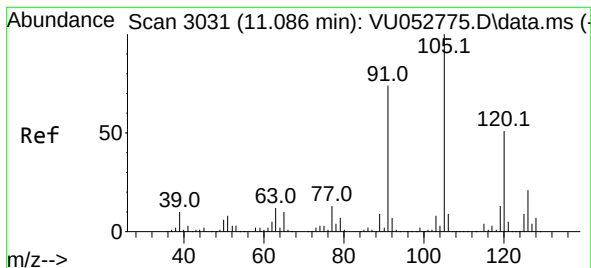


#74  
2-Chlorotoluene  
Concen: 10.087 ug/l  
RT: 10.984 min Scan# 3077  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Tgt Ion:126 Resp: 96768  
Ion Ratio Lower Upper  
126 100  
91 308.5 0.0 588.6







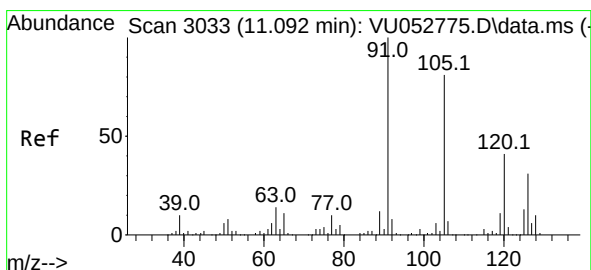
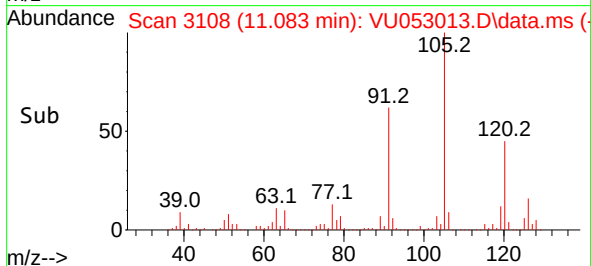
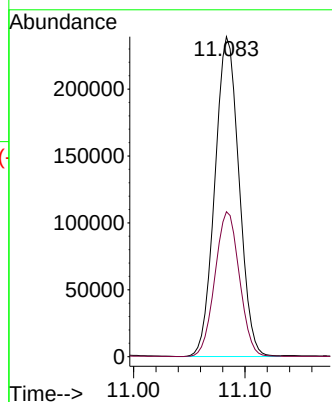
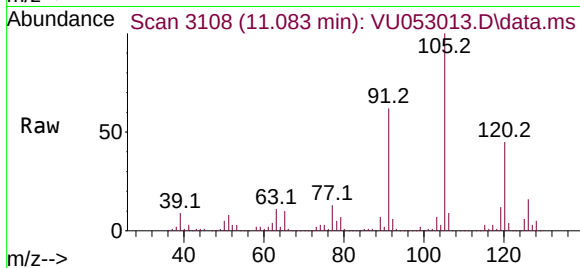
#75  
1,3,5-Trimethylbenzene  
Concen: 9.272 ug/l  
RT: 11.083 min Scan# 3110  
Delta R.T. -0.003 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:105 Resp: 360410  
Ion Ratio Lower Upper  
105 100  
120 45.8 39.9 59.9

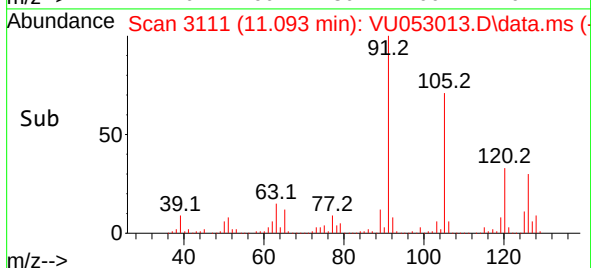
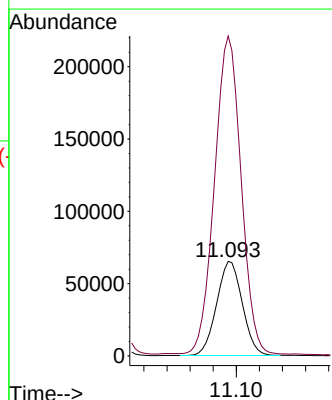
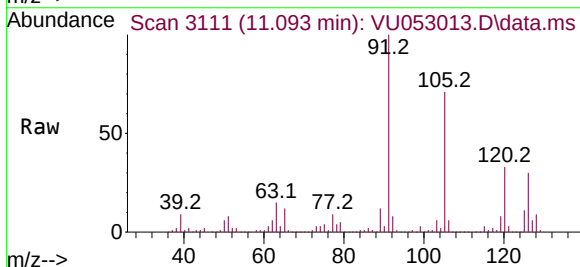
Manual Integrations  
APPROVED

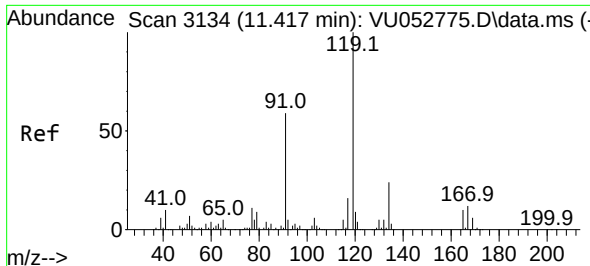
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#76  
4-Chlorotoluene  
Concen: 10.187 ug/l  
RT: 11.093 min Scan# 3111  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

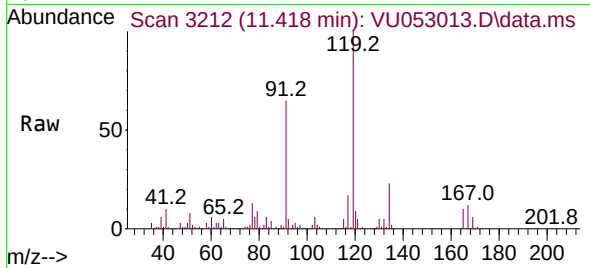
Tgt Ion:126 Resp: 100299  
Ion Ratio Lower Upper  
126 100  
91 348.9 0.0 661.8





#77  
tert-Butylbenzene  
Concen: 10.687 ug/l  
RT: 11.418 min Scan# 3134  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

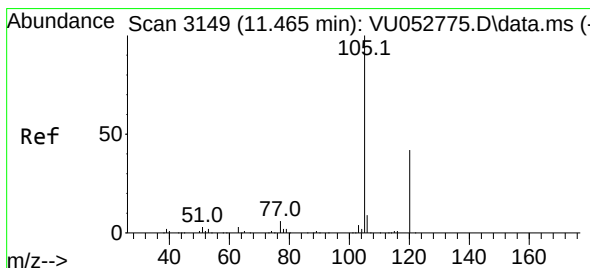
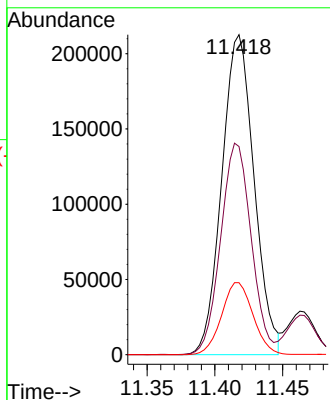
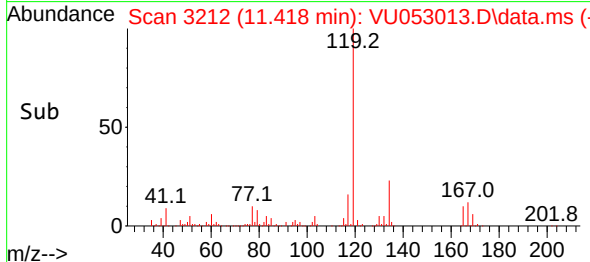
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



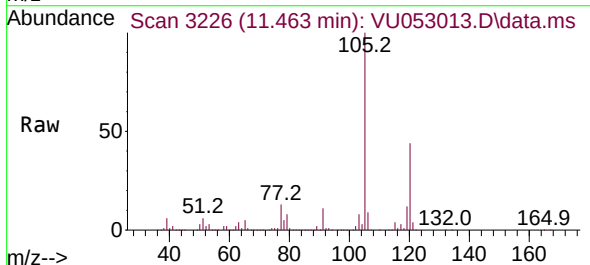
Tgt Ion:119 Resp: 352954  
Ion Ratio Lower Upper  
119 100  
91 62.4 28.4 85.3  
134 22.0 18.6 27.8

Manual Integrations  
APPROVED

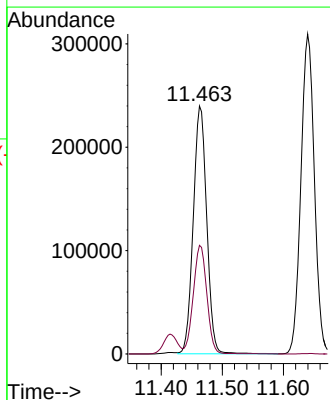
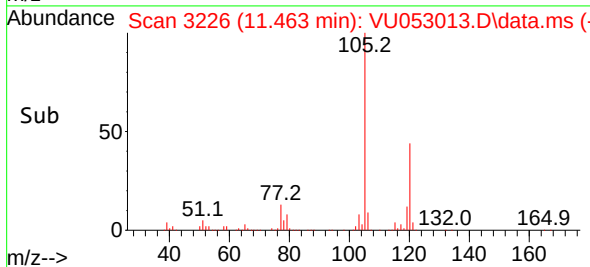
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

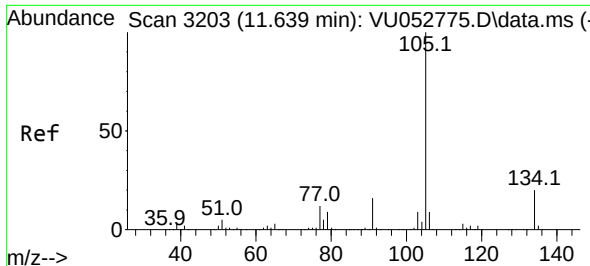


#78  
1,2,4-Trimethylbenzene  
Concen: 9.221 ug/l  
RT: 11.463 min Scan# 3226  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31



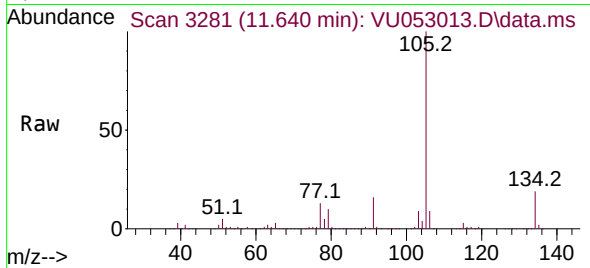
Tgt Ion:105 Resp: 366600  
Ion Ratio Lower Upper  
105 100  
120 43.8 23.4 70.3





#79  
 sec-Butylbenzene  
 Concen: 9.291 ug/l  
 RT: 11.640 min Scan# 31  
 Delta R.T. 0.001 min  
 Lab File: VU053013.D  
 Acq: 09 Feb 2023 10:31

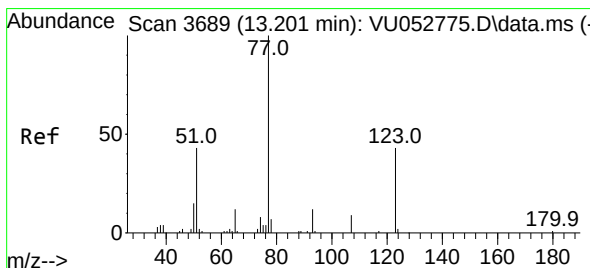
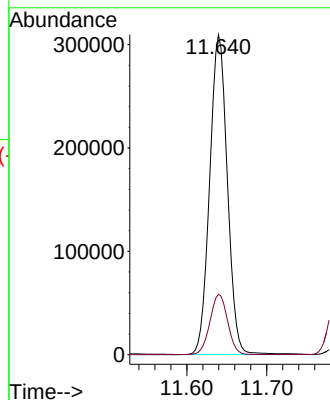
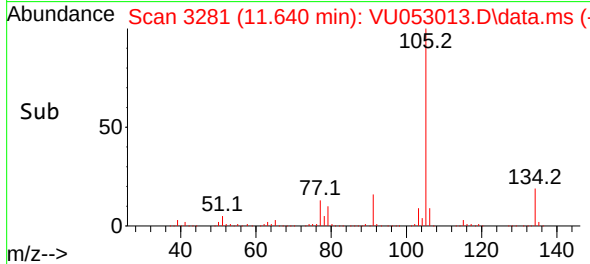
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010



Tgt Ion:105 Resp: 47425  
 Ion Ratio Lower Upper  
 105 100  
 134 19.0 16.5 24.7

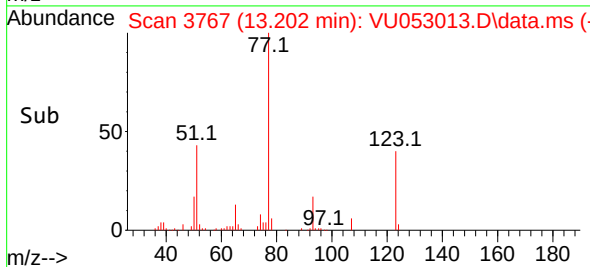
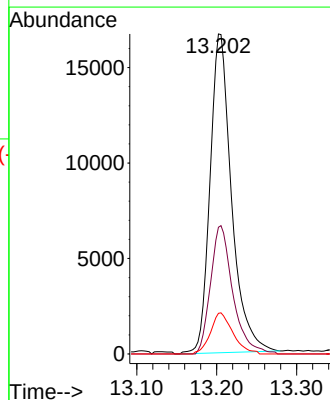
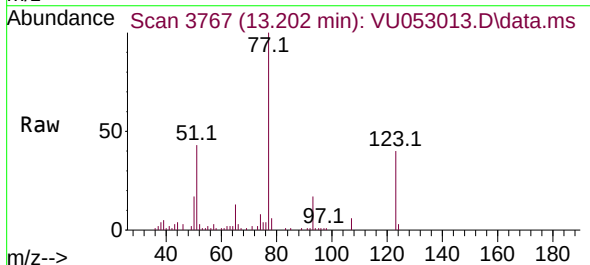
Manual Integrations  
 APPROVED

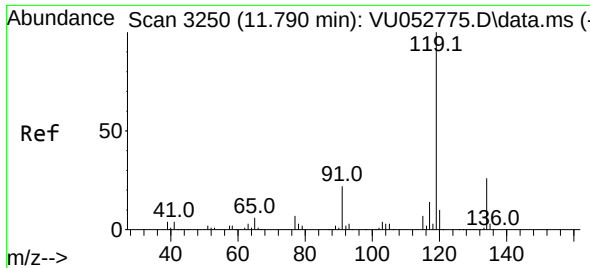
Reviewed By :Krupa Patel 02/10/2023  
 Supervised By :Mahesh Dadoda 02/10/2023



#80  
 Nitrobenzene  
 Concen: 61.097 ug/l  
 RT: 13.202 min Scan# 3767  
 Delta R.T. 0.001 min  
 Lab File: VU053013.D  
 Acq: 09 Feb 2023 10:31

Tgt Ion: 77 Resp: 31201  
 Ion Ratio Lower Upper  
 77 100  
 123 41.6 18.8 66.8  
 65 13.5 10.1 12.9#





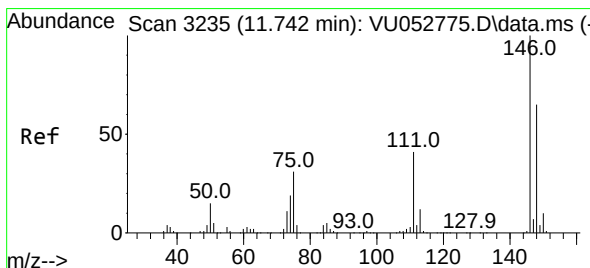
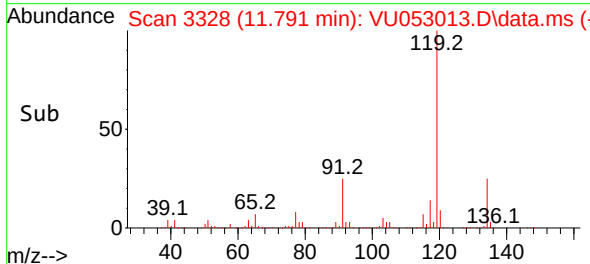
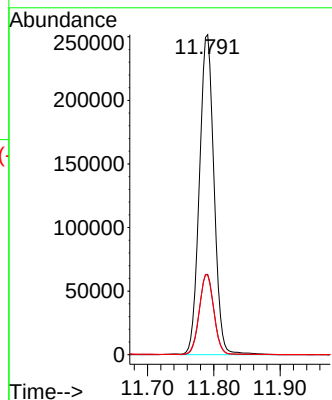
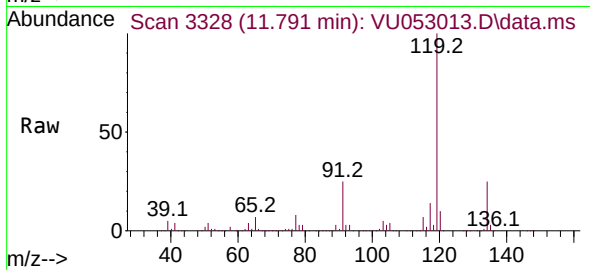
#81  
p-Isopropyltoluene  
Concen: 8.717 ug/l  
RT: 11.791 min Scan# 3113  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:119 Resp: 384612  
Ion Ratio Lower Upper  
119 100  
134 25.0 20.7 31.1  
91 24.6 17.6 26.4

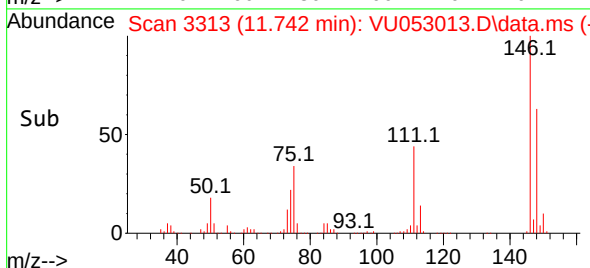
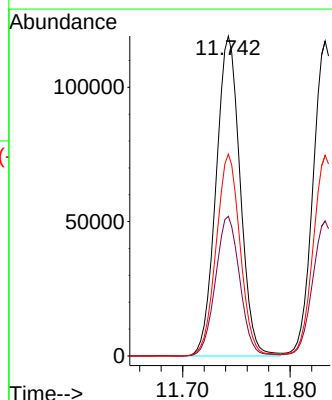
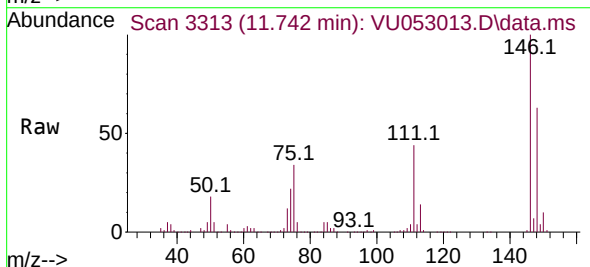
Manual Integrations  
APPROVED

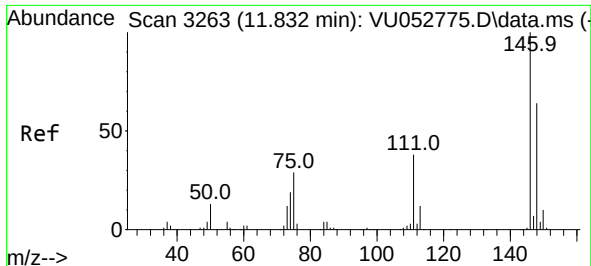
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#82  
1,3-Dichlorobenzene  
Concen: 9.410 ug/l  
RT: 11.742 min Scan# 3313  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

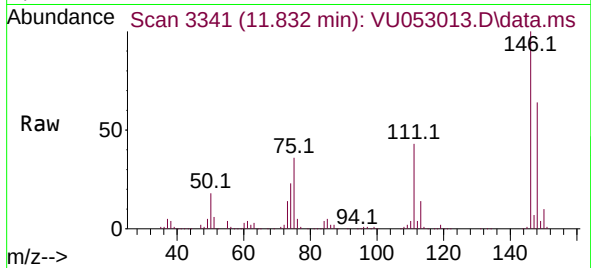
Tgt Ion:146 Resp: 185315  
Ion Ratio Lower Upper  
146 100  
111 44.1 32.6 48.8  
148 62.9 51.9 77.9





#83  
1,4-Dichlorobenzene  
Concen: 9.458 ug/l  
RT: 11.832 min Scan# 31  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

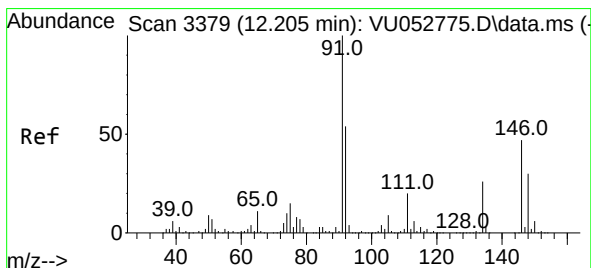
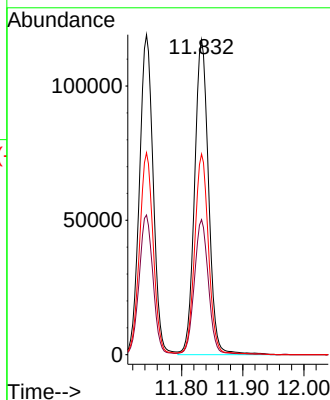
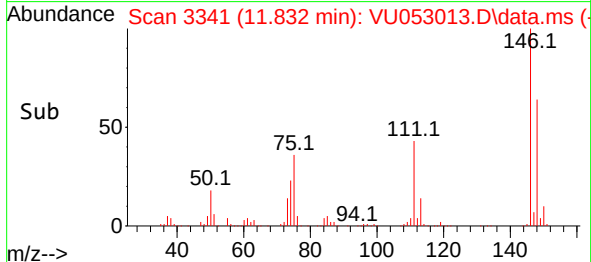
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



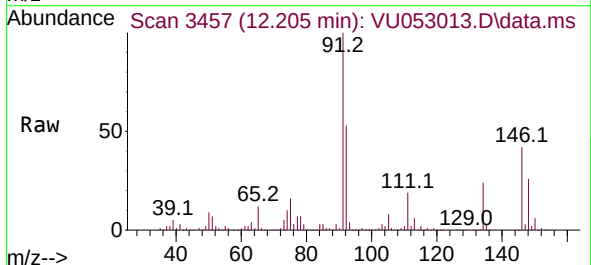
Tgt Ion:146 Resp: 187008  
Ion Ratio Lower Upper  
146 100  
111 43.4 29.5 44.3  
148 62.3 51.4 77.0

Manual Integrations  
APPROVED

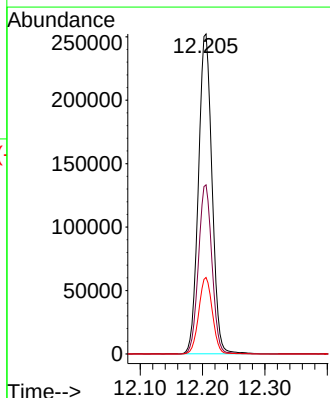
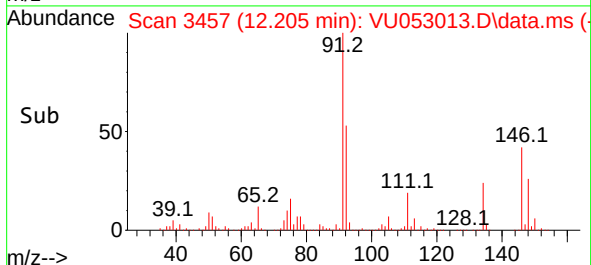
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023

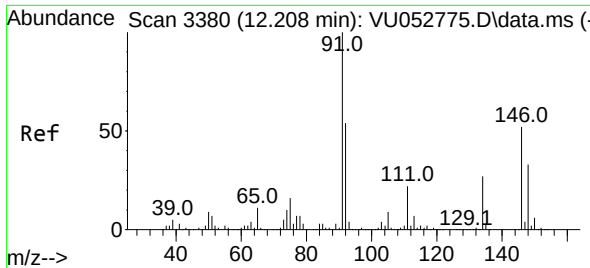


#84  
n-Butylbenzene  
Concen: 9.765 ug/l  
RT: 12.205 min Scan# 3457  
Delta R.T. 0.000 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31



Tgt Ion: 91 Resp: 380932  
Ion Ratio Lower Upper  
91 100  
92 52.7 43.4 65.0  
134 24.0 21.2 31.8





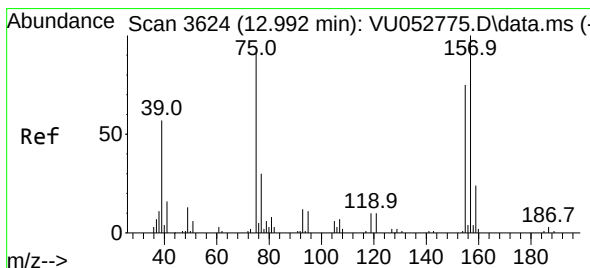
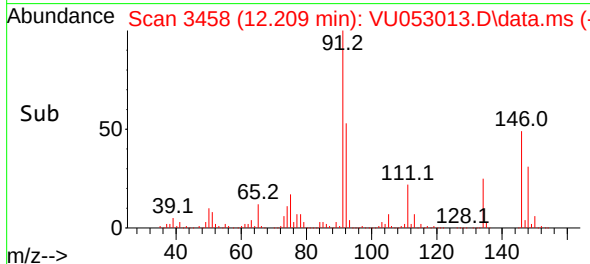
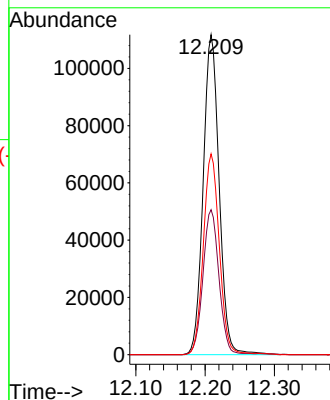
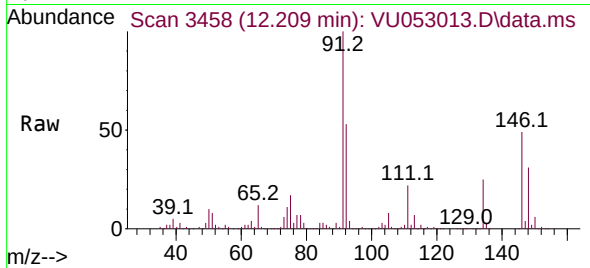
#85  
1,2-Dichlorobenzene  
Concen: 9.634 ug/l  
RT: 12.209 min Scan# 34  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:146 Resp: 179044  
Ion Ratio Lower Upper  
146 100  
111 45.5 20.8 62.5  
148 62.6 31.4 94.2

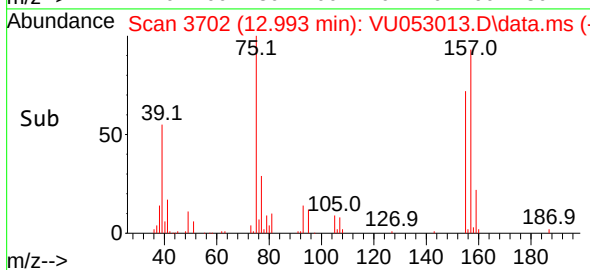
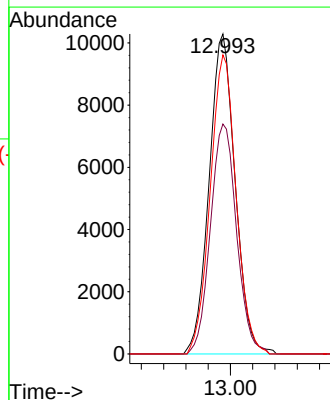
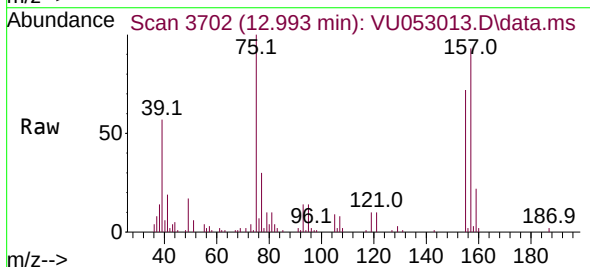
Manual Integrations  
APPROVED

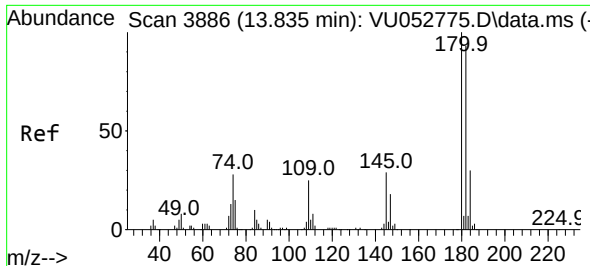
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 10.926 ug/l  
RT: 12.993 min Scan# 3702  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

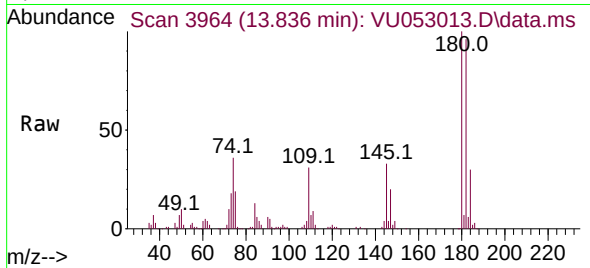
Tgt Ion: 75 Resp: 16697  
Ion Ratio Lower Upper  
75 100  
155 72.0 66.0 99.0  
157 92.6 85.9 128.9





#87  
1,2,4-Trichlorobenzene  
Concen: 10.682 ug/l  
RT: 13.836 min Scan# 3964  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

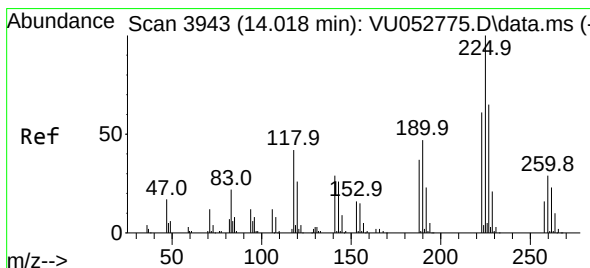
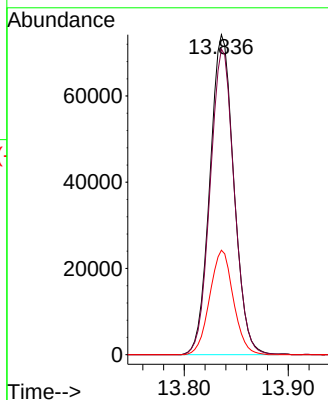
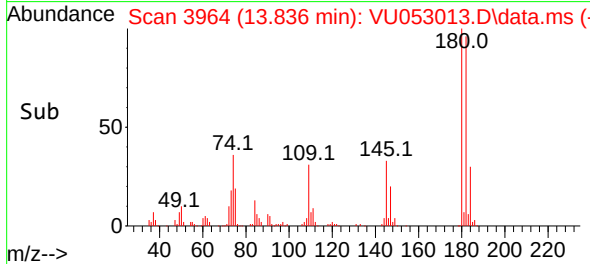
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion:180 Resp: 119074  
Ion Ratio Lower Upper  
180 100  
182 95.7 74.6 112.0  
145 32.2 23.4 35.0

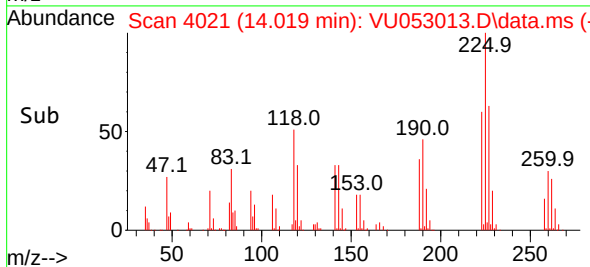
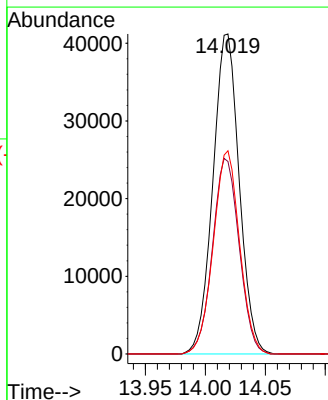
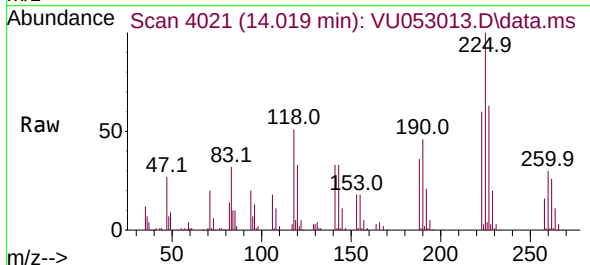
Manual Integrations  
APPROVED

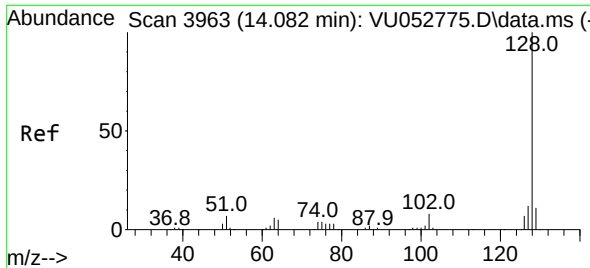
Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#88  
Hexachlorobutadiene  
Concen: 8.040 ug/l  
RT: 14.019 min Scan# 4021  
Delta R.T. 0.001 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

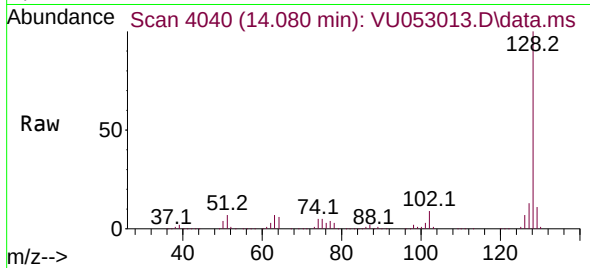
Tgt Ion:225 Resp: 62814  
Ion Ratio Lower Upper  
225 100  
223 61.8 49.8 74.6  
227 63.4 51.5 77.3





#89  
Naphthalene  
Concen: 11.298 ug/l  
RT: 14.080 min Scan# 4015  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31

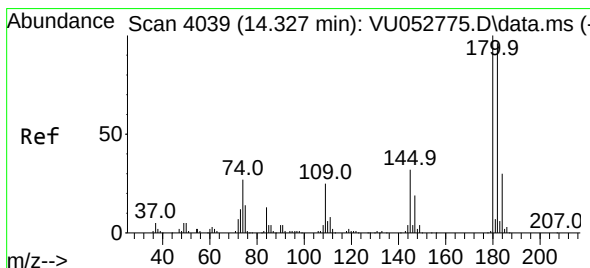
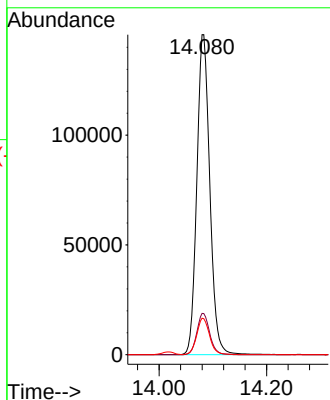
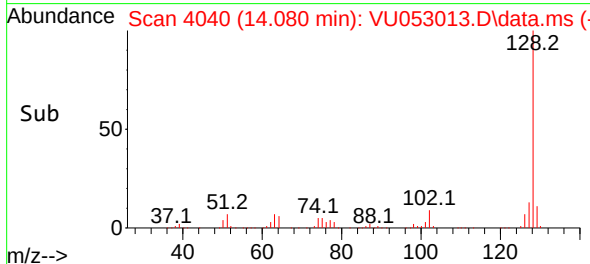
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



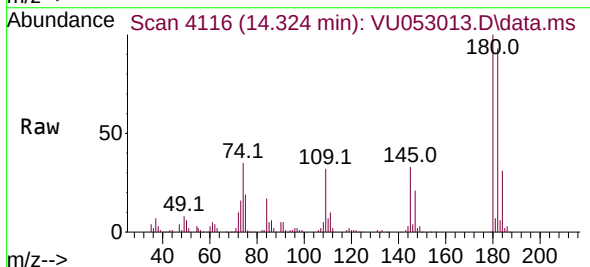
Tgt Ion:128 Resp: 24415  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.4  
129 11.3 8.6 12.8

Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 02/10/2023  
Supervised By :Mahesh Dadoda 02/10/2023



#90  
1,2,3-Trichlorobenzene  
Concen: 10.162 ug/l  
RT: 14.324 min Scan# 4116  
Delta R.T. -0.002 min  
Lab File: VU053013.D  
Acq: 09 Feb 2023 10:31



Tgt Ion:180 Resp: 107517  
Ion Ratio Lower Upper  
180 100  
182 94.7 77.8 116.6  
145 33.7 25.2 37.8

