

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU033023\  
 Data File : VU053478.D  
 Acq On : 30 Mar 2023 09:53  
 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 04/07/2023  
 Supervised By :Mahesh Dadoda 04/07/2023

Quant Time: Mar 30 11:51:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U032923DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Mar 30 11:46:56 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units    | Dev(Min) |
|------------------------------|--------|------|----------|--------|----------|----------|
| -----                        |        |      |          |        |          |          |
| Internal Standards           |        |      |          |        |          |          |
| 1) Fluorobenzene             | 6.111  | 96   | 41166    | 1.000  | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |          |          |
| 57) 4-Bromofluorobenzene     | 10.629 | 95   | 17244    | 1.160  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 116.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.188 | 152  | 15610    | 1.047  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 105.000% |          |
| Target Compounds             |        |      |          |        |          |          |
|                              |        |      |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane   | 1.385  | 85   | 150360   | 10.104 | ug/l     | 98       |
| 3) Chloromethane             | 1.520  | 50   | 144262   | 9.515  | ug/l     | 100      |
| 4) Vinyl Chloride            | 1.604  | 62   | 161883   | 10.105 | ug/l     | 100      |
| 5) Bromomethane              | 1.858  | 94   | 114211   | 9.801  | ug/l     | 100      |
| 6) Chloroethane              | 1.935  | 64   | 93779    | 9.158  | ug/l     | 98       |
| 7) Trichlorofluoromethane    | 2.137  | 101  | 239373   | 9.979  | ug/l     | 98       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.578  | 101  | 117548   | 9.887  | ug/l     | 98       |
| 9) 1,1-Dichloroethene        | 2.578  | 96   | 107985   | 9.928  | ug/l     | 95       |
| 10) Iodomethane              | 2.723  | 142  | 126203   | 9.539  | ug/l     | 99       |
| 11) Allyl Chloride           | 2.922  | 41   | 129949   | 10.585 | ug/l     | 90       |
| 12) Acrylonitrile            | 3.321  | 53   | 42834    | 20.275 | ug/l     | 91       |
| 13) Acetone                  | 2.649  | 43   | 221188   | 53.380 | ug/l     | 98       |
| 14) Carbon Disulfide         | 2.790  | 76   | 340677   | 10.217 | ug/l     | 99       |
| 15) Methylene Chloride       | 3.044  | 84   | 122550   | 8.030  | ug/l     | 93       |
| 16) trans-1,2-Dichloroethene | 3.350  | 96   | 116850   | 10.399 | ug/l     | 94       |
| 17) 1,1-Dichloroethane       | 3.867  | 63   | 214534   | 10.461 | ug/l     | 98       |
| 18) 2-Butanone               | 4.713  | 43   | 244236   | 57.914 | ug/l     | 97       |
| 19) Cyclohexane              | 5.385  | 56   | 178449   | 10.567 | ug/l     | 87       |
| 20) Methylcyclohexane        | 6.761  | 83   | 224825   | 10.657 | ug/l     | 94       |
| 21) 2,2-Dichloropropane      | 4.661  | 77   | 190247   | 10.836 | ug/l     | 97       |
| 22) cis-1,2-Dichloroethene   | 4.661  | 96   | 127108   | 10.408 | ug/l     | 100      |
| 23) Diethyl Ether            | 2.375  | 59   | 81025    | 9.387  | ug/l     | 91       |
| 24) tert-Butyl Alcohol       | 3.260  | 59   | 75090m   | 91.602 | ug/l     |          |
| 25) Methyl tert-Butyl Ether  | 3.359  | 73   | 252045   | 10.456 | ug/l     | 99       |
| 26) Bromochloromethane       | 4.970  | 128  | 51832    | 10.535 | ug/l     | 97       |
| 27) Chloroform               | 5.083  | 83   | 220731   | 10.368 | ug/l     | 100      |
| 28) 1,1,1-Trichloroethane    | 5.311  | 97   | 192017   | 10.462 | ug/l     | 99       |
| 29) 1,1-Dichloropropene      | 5.523  | 75   | 166618   | 10.490 | ug/l     | 98       |
| 30) Carbon Tetrachloride     | 5.523  | 117  | 161816   | 11.077 | ug/l     | 96       |
| 31) Isopropyl Ether          | 3.986  | 45   | 299463   | 10.614 | ug/l     | 95       |
| 32) Ethyl-t-butyl ether      | 4.497  | 59   | 309395   | 10.675 | ug/l     | 99       |
| 33) Tert-Amyl methyl ether   | 5.938  | 73   | 273796   | 10.624 | ug/l     | 98       |
| 34) Propionitrile            | 4.790  | 54   | 44606    | 55.477 | ug/l #   | 11       |
| 35) Benzene                  | 5.771  | 78   | 487223   | 10.487 | ug/l     | 100      |
| 36) 1,2-Dichloroethane       | 5.787  | 62   | 137133   | 10.275 | ug/l     | 99       |
| 37) Trichloroethene          | 6.539  | 130  | 123164   | 10.541 | ug/l     | 97       |
| 38) 1,2-Dichloropropane      | 6.787  | 63   | 126917   | 10.661 | ug/l     | 98       |
| 39) Methacrylonitrile        | 4.973  | 41   | 30097    | 10.373 | ug/l     | 92       |
| 40) Methyl acrylate          | 4.845  | 55   | 57554    | 10.940 | ug/l     | 99       |
| 41) Tetrahydrofuran          | 5.060  | 42   | 32926    | 21.733 | ug/l     | 94       |
| 42) 1-Chlorobutane           | 5.456  | 56   | 224880   | 10.645 | ug/l     | 93       |
| 43) Dibromomethane           | 6.912  | 93   | 60314    | 10.634 | ug/l     | 91       |
| 44) Bromodichloromethane     | 7.102  | 83   | 154561   | 10.898 | ug/l     | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU033023\  
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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 04/07/2023  
 Supervised By :Mahesh Dadoda 04/07/2023

Quant Time: Mar 30 11:51:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U032923DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Mar 30 11:46:56 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.787  | 43   | 330453   | 56.170 | ug/l   | 96       |
| 46) t-1,4-Dichloro-2-butene   | 10.825 | 75   | 73086m   | 19.295 | ug/l   |          |
| 47) Methyl methacrylate       | 6.957  | 69   | 108785   | 20.862 | ug/l   | 97       |
| 48) Ethyl methacrylate        | 8.330  | 69   | 109935   | 10.871 | ug/l   | 95       |
| 49) Toluene                   | 7.967  | 92   | 301682   | 10.594 | ug/l   | 99       |
| 50) t-1,3-Dichloropropene     | 8.208  | 75   | 149884   | 11.410 | ug/l   | 98       |
| 51) cis-1,3-Dichloropropene   | 7.603  | 75   | 180198   | 11.076 | ug/l   | 98       |
| 52) 1,1,2-Trichloroethane     | 8.394  | 97   | 87188    | 10.602 | ug/l   | 98       |
| 53) 1,3-Dichloropropane       | 8.571  | 76   | 151052   | 10.648 | ug/l   | 99       |
| 54) 2-Hexanone                | 8.681  | 43   | 368040   | 59.627 | ug/l   | 97       |
| 55) Dibromochloromethane      | 8.806  | 129  | 92811    | 11.086 | ug/l   | 98       |
| 56) 1,2-Dibromoethane         | 8.918  | 107  | 83127    | 10.971 | ug/l   | 100      |
| 58) Tetrachloroethene         | 8.552  | 164  | 116134   | 10.628 | ug/l   | 96       |
| 59) Chlorobenzene             | 9.443  | 112  | 322782   | 10.296 | ug/l   | 98       |
| 60) 1,1,1,2-Tetrachloroethane | 9.529  | 131  | 105714   | 11.094 | ug/l   | 98       |
| 61) Pentachloroethane         | 11.423 | 117  | 71507    | 10.680 | ug/l   | 98       |
| 62) Hexachloroethane          | 12.471 | 117  | 89872    | 9.673  | ug/l # | 82       |
| 63) Ethyl Benzene             | 9.568  | 91   | 599666   | 10.906 | ug/l   | 100      |
| 64) m/p-Xylenes               | 9.690  | 106  | 457102   | 21.744 | ug/l   | 99       |
| 65) o-Xylene                  | 10.095 | 106  | 220279   | 10.707 | ug/l   | 100      |
| 66) Styrene                   | 10.111 | 104  | 348726   | 11.026 | ug/l   | 98       |
| 67) Bromoform                 | 10.288 | 173  | 43898    | 9.474  | ug/l # | 95       |
| 69) Isopropylbenzene          | 10.481 | 105  | 583349   | 10.829 | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.777 | 83   | 104349   | 10.540 | ug/l   | 100      |
| 71) 1,2,3-Trichloropropane    | 10.825 | 75   | 83177m   | 11.127 | ug/l   |          |
| 72) Bromobenzene              | 10.777 | 156  | 117199   | 10.385 | ug/l   | 95       |
| 73) n-propylbenzene           | 10.902 | 120  | 158833   | 11.161 | ug/l   | 100      |
| 74) 2-Chlorotoluene           | 10.983 | 126  | 129020   | 10.486 | ug/l   | 93       |
| 75) 1,3,5-Trimethylbenzene    | 11.082 | 105  | 499604   | 11.045 | ug/l   | 98       |
| 76) 4-Chlorotoluene           | 11.095 | 126  | 138088   | 10.809 | ug/l   | 95       |
| 77) tert-Butylbenzene         | 11.417 | 119  | 456090   | 10.878 | ug/l   | 97       |
| 78) 1,2,4-Trimethylbenzene    | 11.465 | 105  | 509874   | 11.068 | ug/l   | 100      |
| 79) sec-Butylbenzene          | 11.639 | 105  | 663250   | 10.983 | ug/l   | 100      |
| 80) Nitrobenzene              | 13.204 | 77   | 15067    | 60.576 | ug/l # | 88       |
| 81) p-Isopropyltoluene        | 11.790 | 119  | 534237   | 11.262 | ug/l   | 99       |
| 82) 1,3-Dichlorobenzene       | 11.741 | 146  | 255115   | 10.607 | ug/l   | 99       |
| 83) 1,4-Dichlorobenzene       | 11.832 | 146  | 258056   | 10.603 | ug/l   | 99       |
| 84) n-Butylbenzene            | 12.204 | 91   | 540216   | 11.526 | ug/l   | 98       |
| 85) 1,2-Dichlorobenzene       | 12.208 | 146  | 238216   | 10.452 | ug/l   | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.995 | 75   | 18349    | 12.204 | ug/l   | 85       |
| 87) 1,2,4-Trichlorobenzene    | 13.835 | 180  | 141335   | 10.632 | ug/l   | 96       |
| 88) Hexachlorobutadiene       | 14.018 | 225  | 68394    | 10.758 | ug/l   | 99       |
| 89) Naphthalene               | 14.082 | 128  | 278300   | 10.520 | ug/l   | 98       |
| 90) 1,2,3-Trichlorobenzene    | 14.327 | 180  | 126554   | 11.050 | ug/l   | 99       |

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

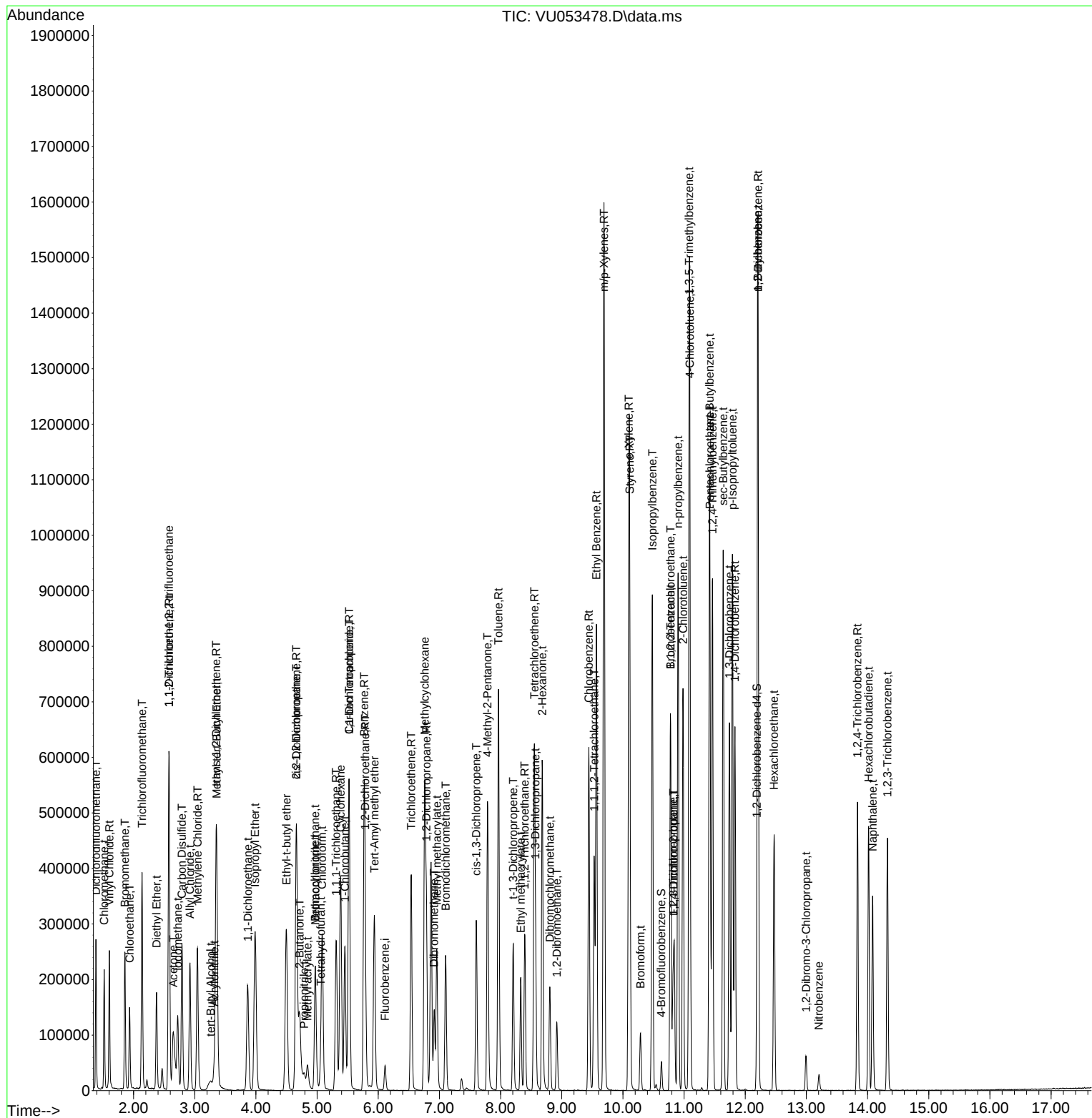
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 Data File : VU053478.D  
 Acq On : 30 Mar 2023 09:53  
 Operator : JC/MD  
 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

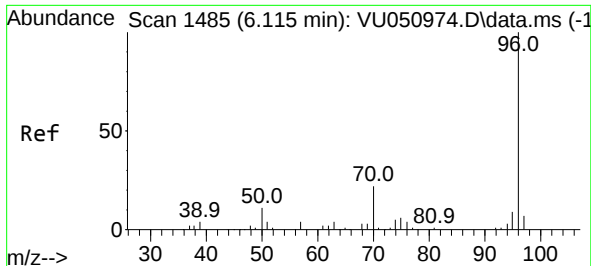
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

Quant Time: Mar 30 11:51:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U032923DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Mar 30 11:46:56 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

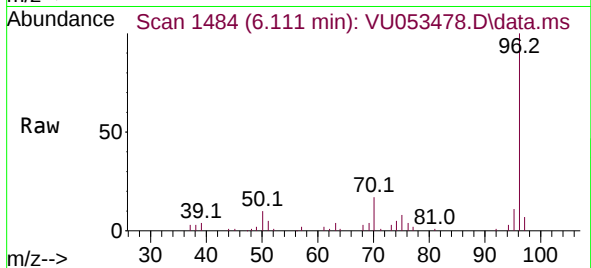
Reviewed By :Krupa Patel 04/07/2023  
 Supervised By :Mahesh Dadoda 04/07/2023





#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.111 min Scan# 14  
Delta R.T. -0.004 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

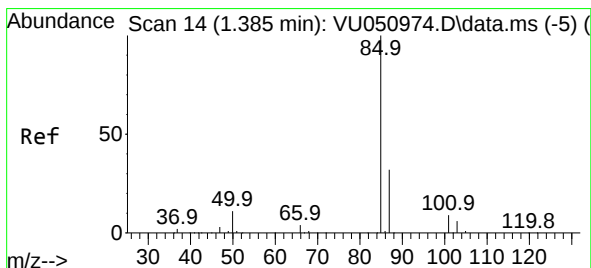
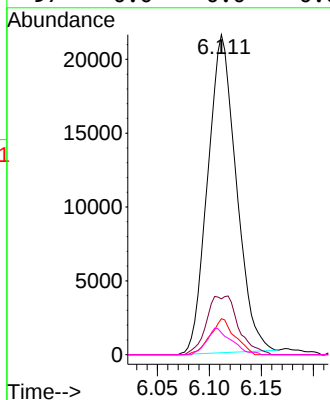
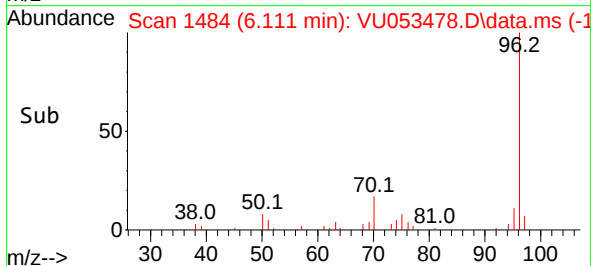
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 96 Resp: 41160  
Ion Ratio Lower Upper  
96 100  
70 10.4 16.5 24.7  
95 9.7 7.4 11.0  
97 0.0 0.0 0.0

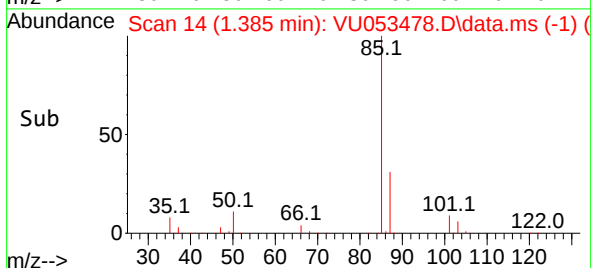
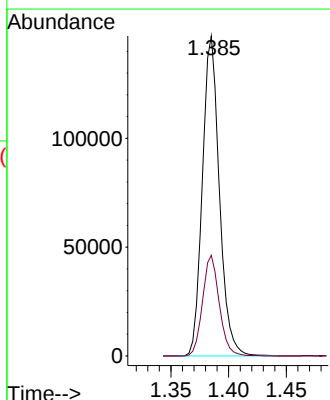
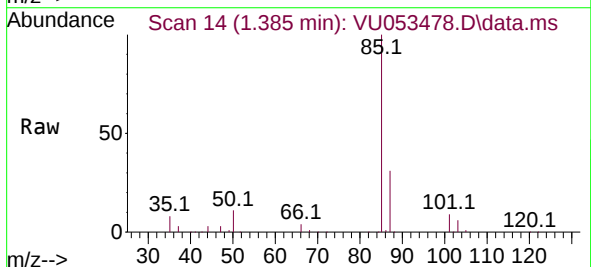
Manual Integrations  
APPROVED

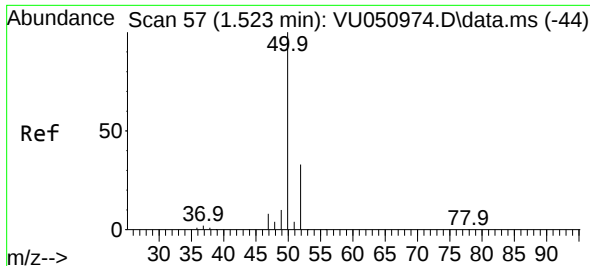
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#2  
Dichlorodifluoromethane  
Concen: 10.104 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

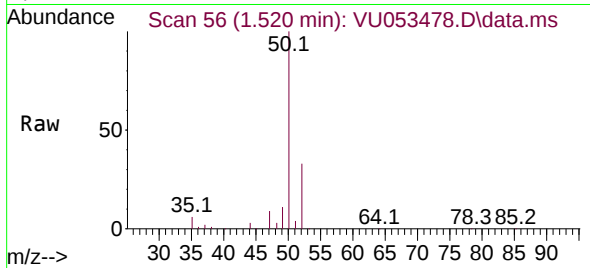
Tgt Ion: 85 Resp: 150360  
Ion Ratio Lower Upper  
85 100  
87 31.4 16.2 48.6





#3  
Chloromethane  
Concen: 9.515 ug/l  
RT: 1.520 min Scan# 50  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

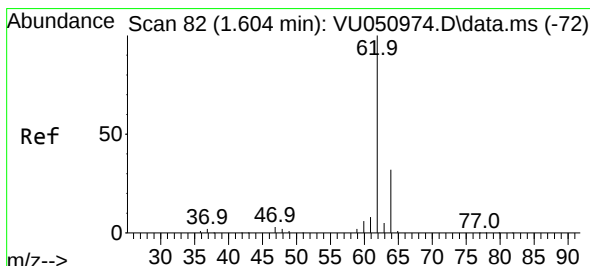
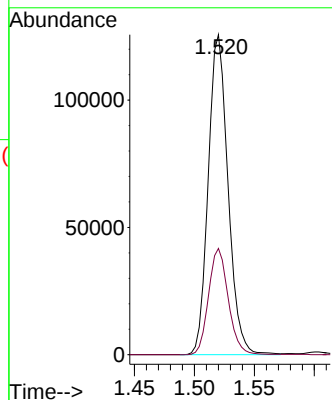
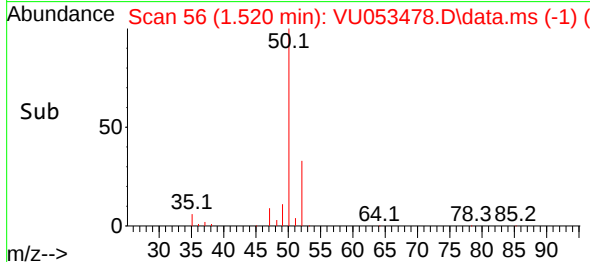
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 50 Resp: 144262  
Ion Ratio Lower Upper  
50 100  
52 33.2 26.6 40.0

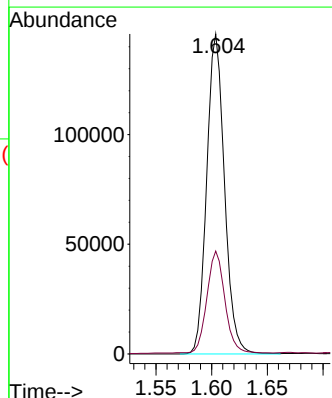
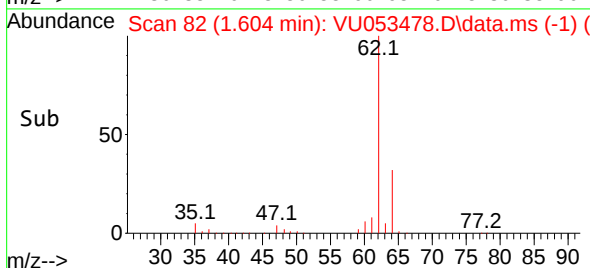
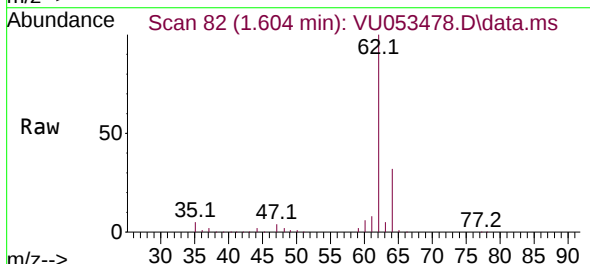
Manual Integrations  
APPROVED

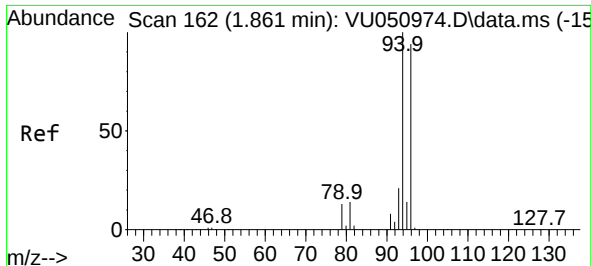
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#4  
Vinyl Chloride  
Concen: 10.105 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Tgt Ion: 62 Resp: 161883  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.4 38.2





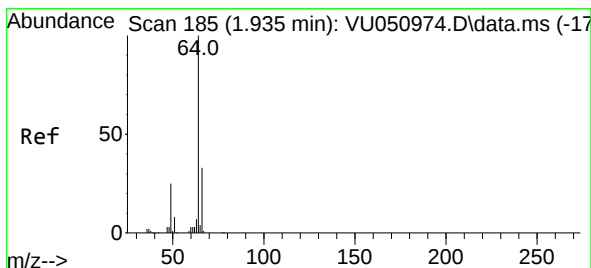
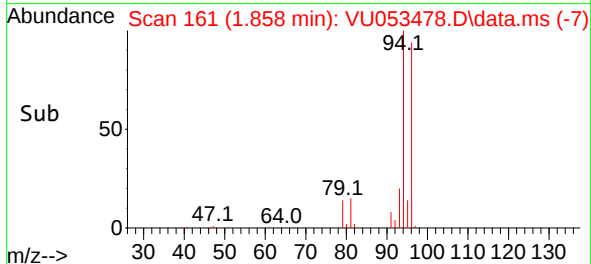
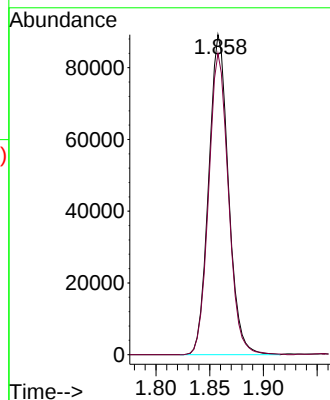
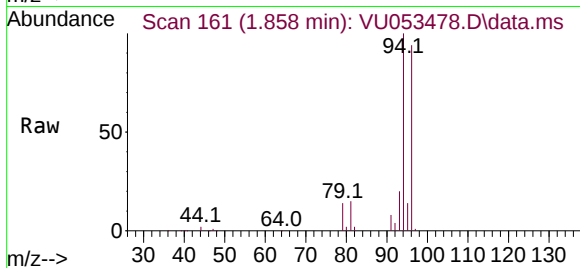
#5  
Bromomethane  
Concen: 9.801 ug/l  
RT: 1.858 min Scan# 161  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 94 Resp: 11421  
Ion Ratio Lower Upper  
94 100  
96 94.2 75.4 113.2

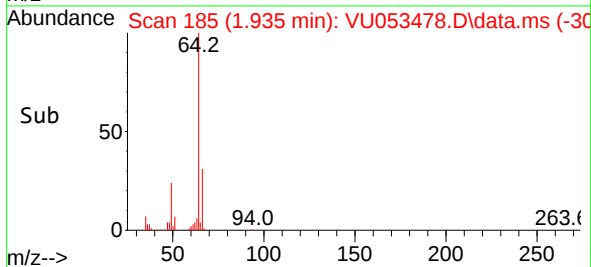
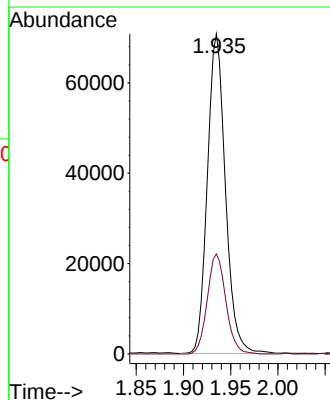
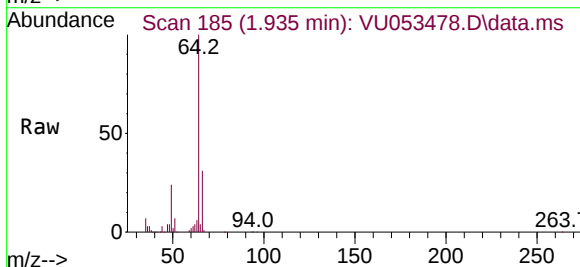
Manual Integrations  
APPROVED

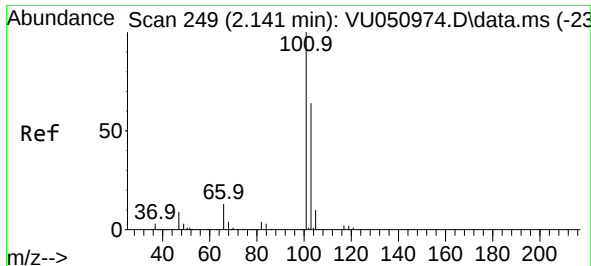
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#6  
Chloroethane  
Concen: 9.158 ug/l  
RT: 1.935 min Scan# 185  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Tgt Ion: 64 Resp: 93779  
Ion Ratio Lower Upper  
64 100  
66 31.3 26.0 39.0





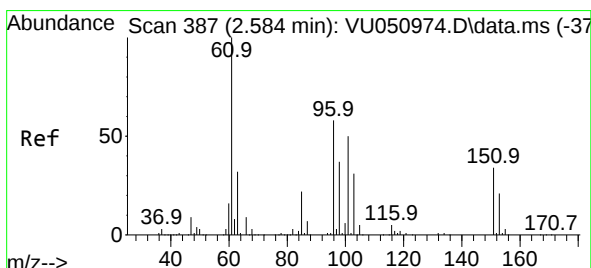
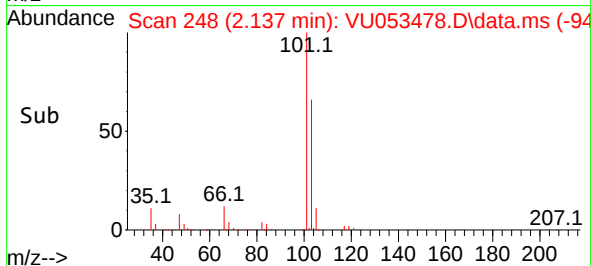
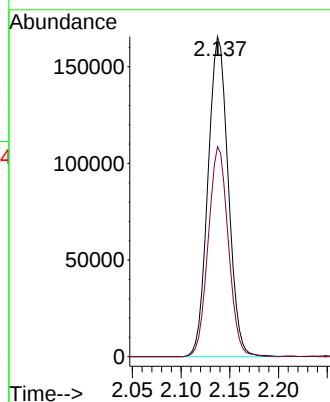
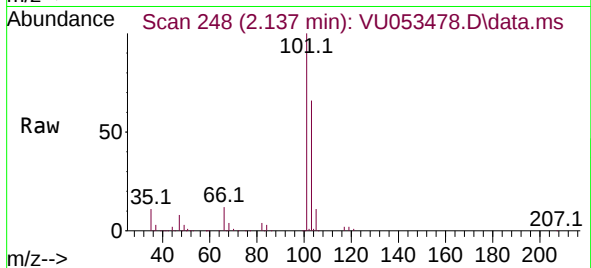
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Trichlorofluoromethane  
Concen: 9.979 ug/l  
RT: 2.137 min Scan# 249  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:101 Resp: 23937  
Ion Ratio Lower Upper  
101 100  
103 65.6 51.4 77.0

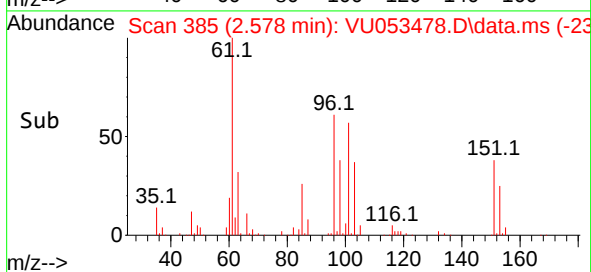
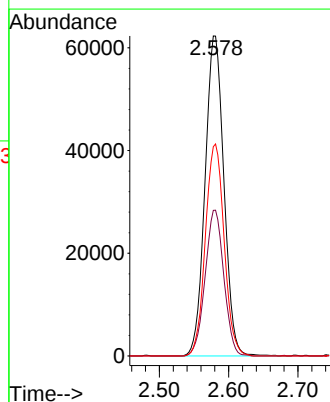
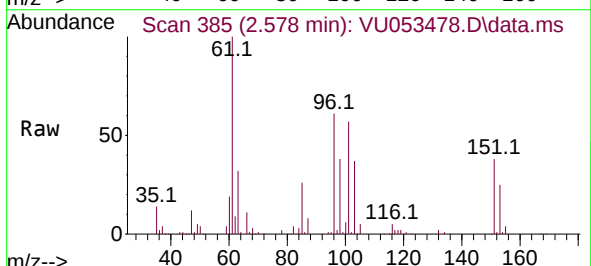
Manual Integrations  
APPROVED

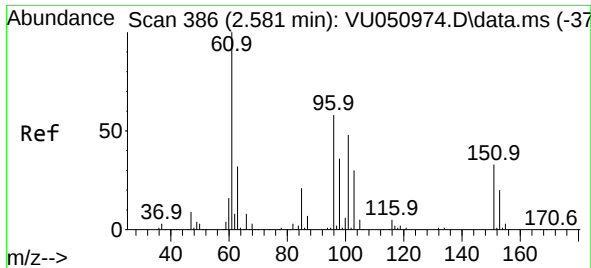
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 9.887 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.007 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

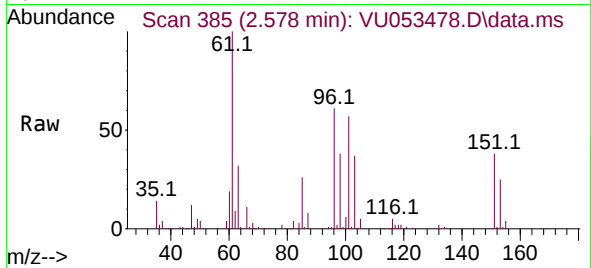
Tgt Ion:101 Resp: 117548  
Ion Ratio Lower Upper  
101 100  
85 45.2 35.4 53.0  
151 66.0 54.0 81.0





#9  
1,1-Dichloroethene  
Concen: 9.928 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

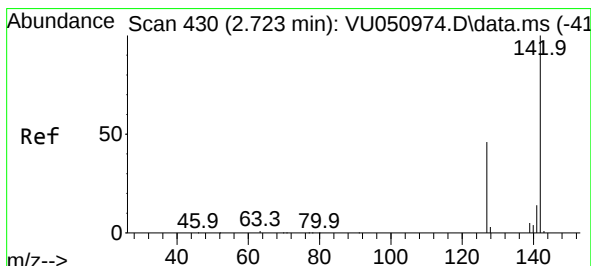
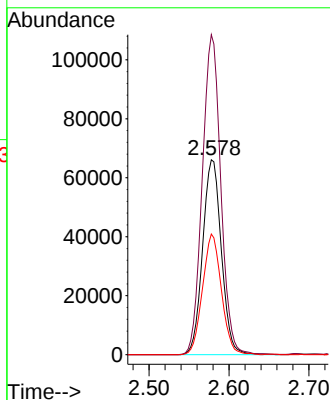
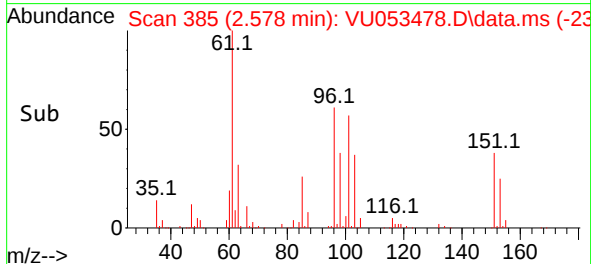
Instrument : MSVOA\_U  
ClientSampleId : VSTDCCC010



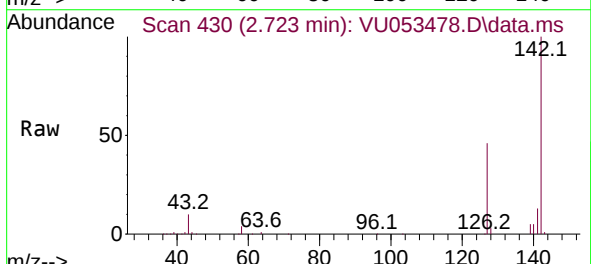
Tgt Ion: 96 Resp: 107985  
Ion Ratio Lower Upper  
96 100  
61 164.2 0.0 521.4  
98 61.9 0.0 125.8

Manual Integrations  
APPROVED

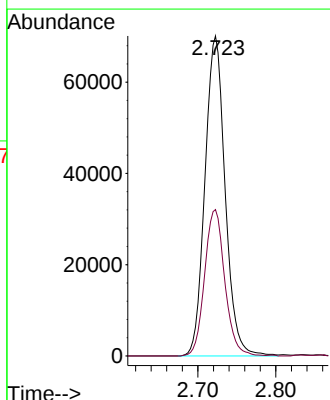
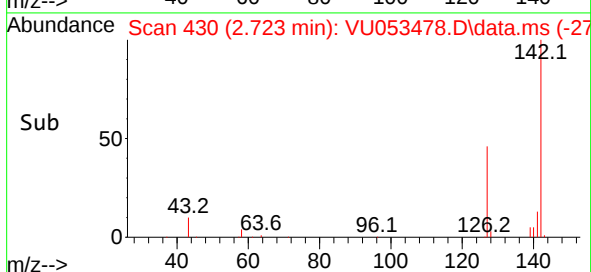
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

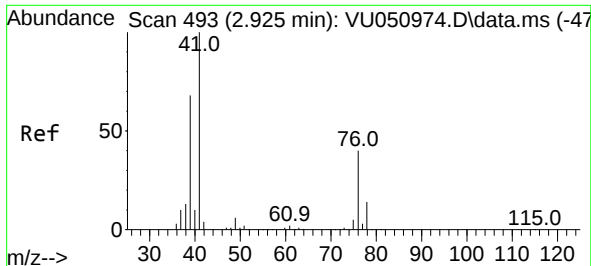


#10  
Iodomethane  
Concen: 9.539 ug/l  
RT: 2.723 min Scan# 430  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53



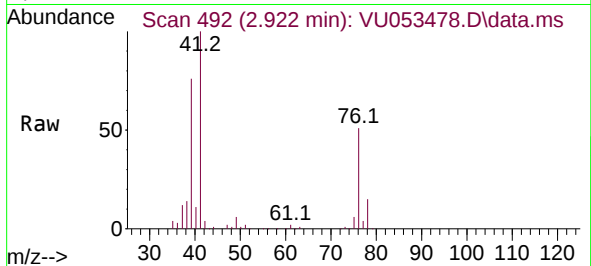
Tgt Ion:142 Resp: 126203  
Ion Ratio Lower Upper  
142 100  
127 45.7 35.9 53.9





#11  
 Allyl Chloride  
 Concen: 10.585 ug/l  
 RT: 2.922 min Scan# 49  
 Delta R.T. -0.003 min  
 Lab File: VU053478.D  
 Acq: 30 Mar 2023 09:53

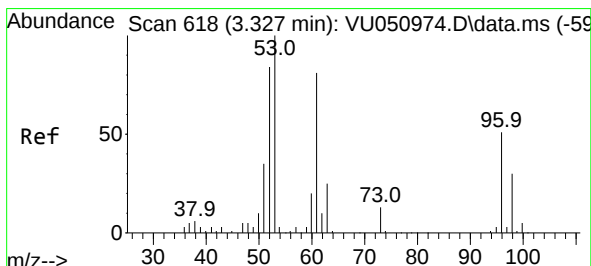
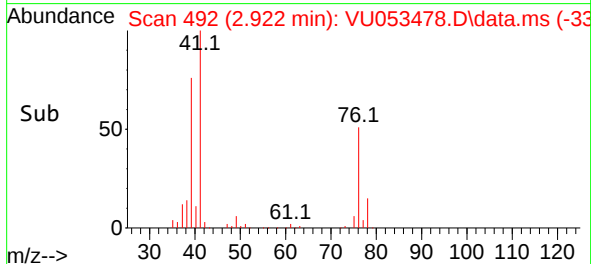
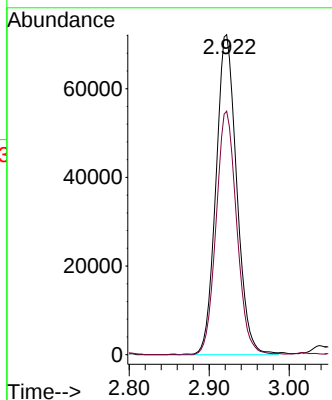
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010



Tgt Ion: 41 Resp: 129949  
 Ion Ratio Lower Upper  
 41 100  
 39 75.4 54.2 81.2

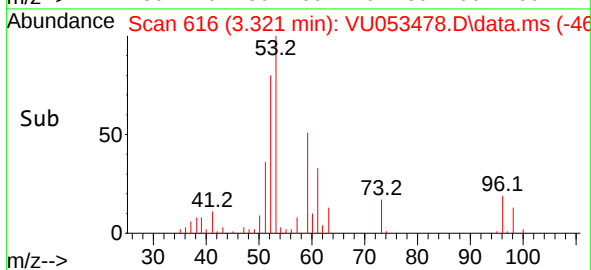
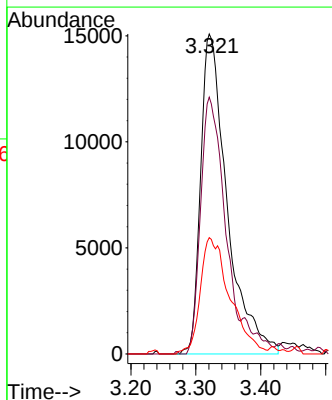
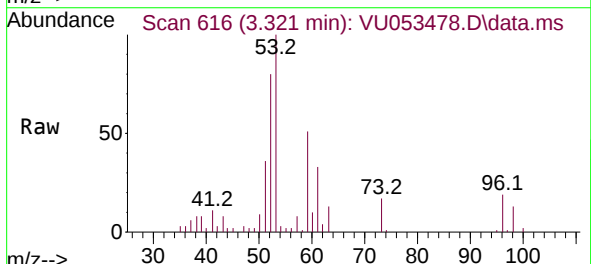
Manual Integrations  
 APPROVED

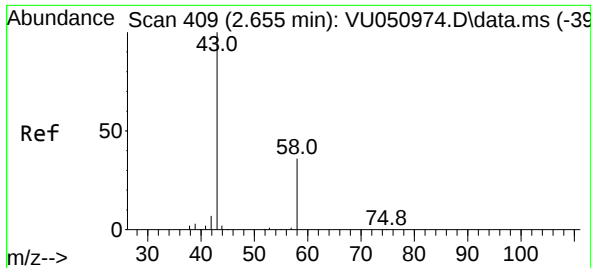
Reviewed By :Krupa Patel 04/07/2023  
 Supervised By :Mahesh Dadoda 04/07/2023



#12  
 Acrylonitrile  
 Concen: 20.275 ug/l  
 RT: 3.321 min Scan# 616  
 Delta R.T. -0.007 min  
 Lab File: VU053478.D  
 Acq: 30 Mar 2023 09:53

Tgt Ion: 53 Resp: 42834  
 Ion Ratio Lower Upper  
 53 100  
 52 71.4 62.9 94.3  
 51 40.7 27.8 41.6





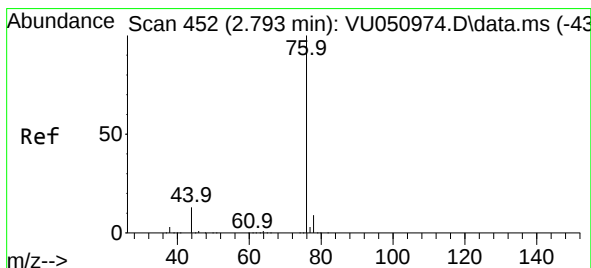
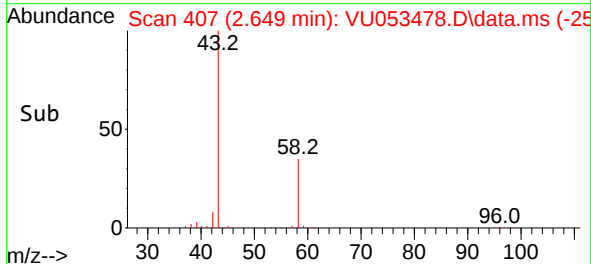
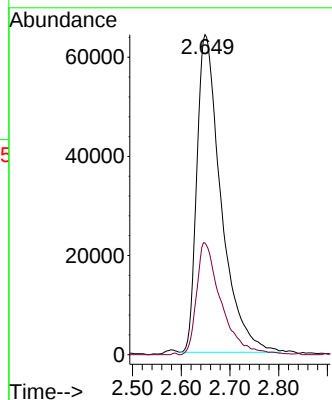
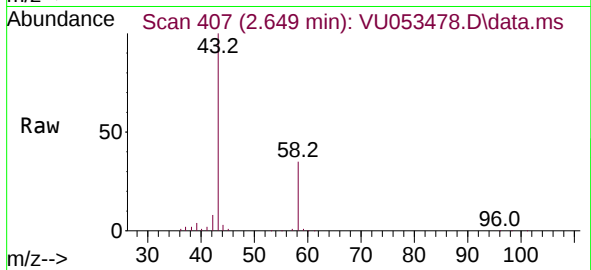
#13  
Acetone  
Concen: 53.380 ug/l  
RT: 2.649 min Scan# 407  
Delta R.T. -0.007 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 43 Resp: 221188  
Ion Ratio Lower Upper  
43 100  
58 35.2 29.0 43.4

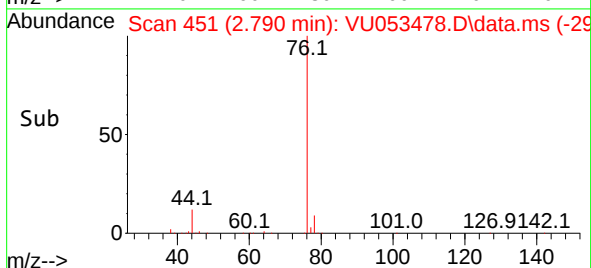
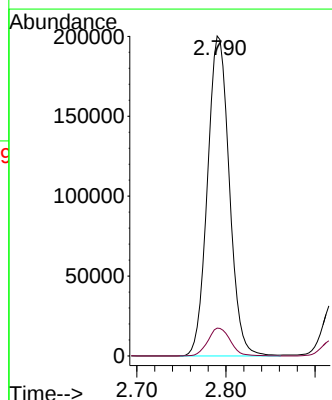
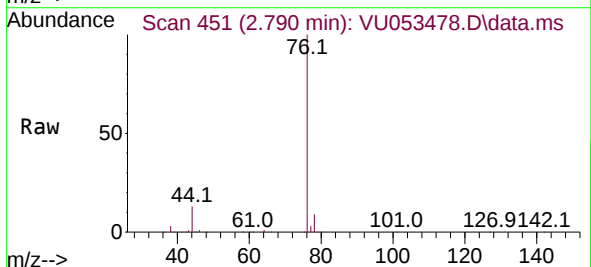
Manual Integrations  
APPROVED

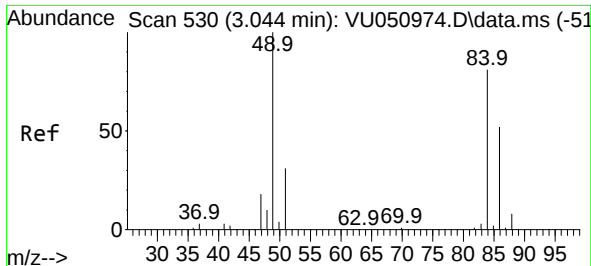
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#14  
Carbon Disulfide  
Concen: 10.217 ug/l  
RT: 2.790 min Scan# 451  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

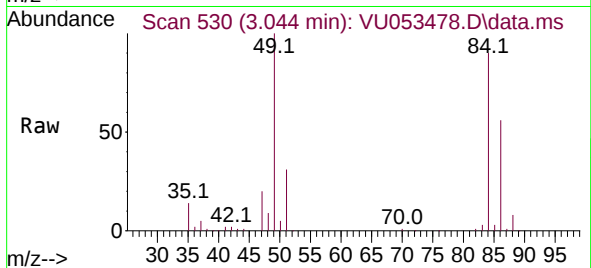
Tgt Ion: 76 Resp: 340677  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.0





#15  
Methylene Chloride  
Concen: 8.030 ug/l  
RT: 3.044 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

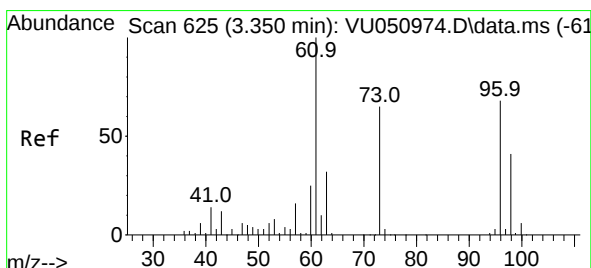
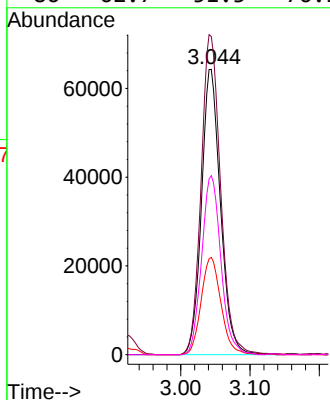
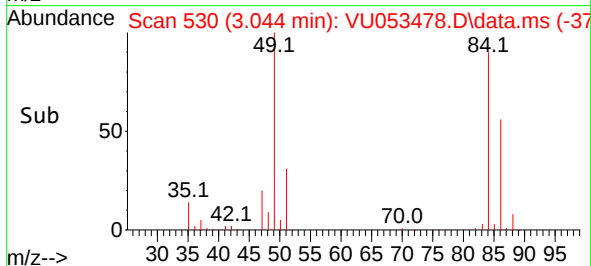
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



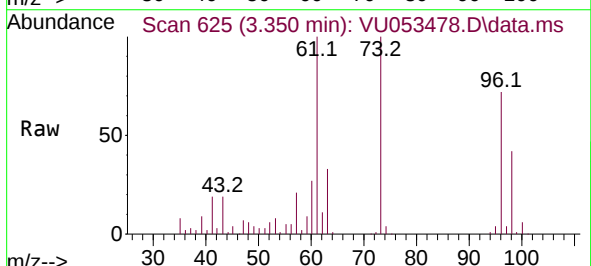
Tgt Ion: 84 Resp: 122550  
Ion Ratio Lower Upper  
84 100  
49 111.5 98.9 148.3  
51 34.1 0.0 75.4  
86 62.7 51.3 76.9

Manual Integrations  
APPROVED

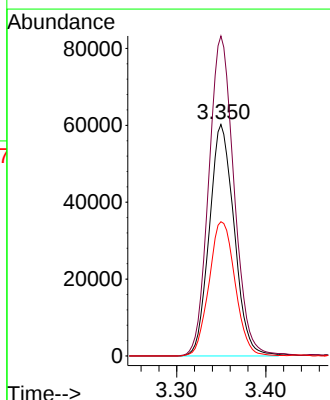
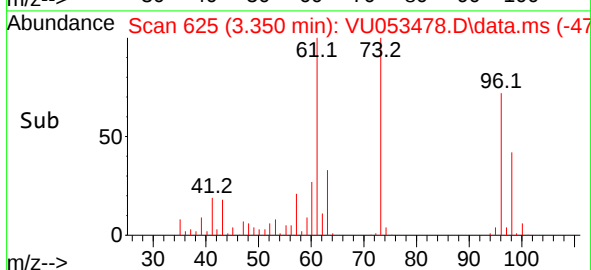
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

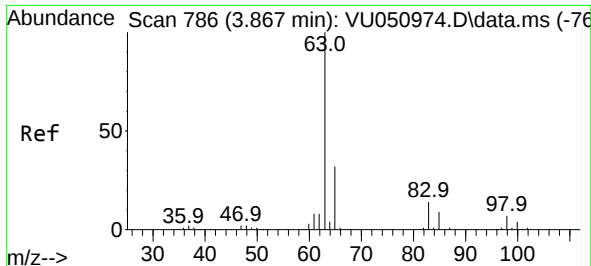


#16  
trans-1,2-Dichloroethene  
Concen: 10.399 ug/l  
RT: 3.350 min Scan# 625  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53



Tgt Ion: 96 Resp: 116850  
Ion Ratio Lower Upper  
96 100  
61 138.2 117.5 176.3  
98 58.0 48.3 72.5





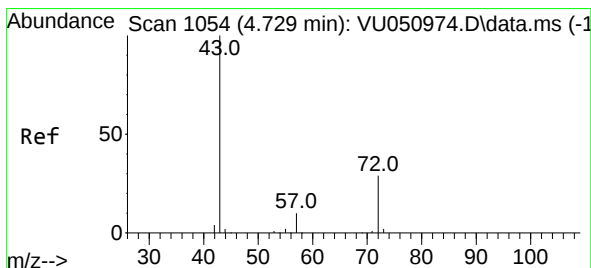
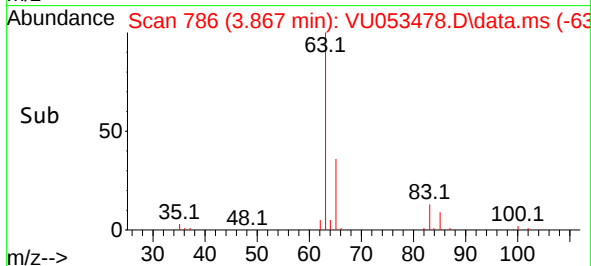
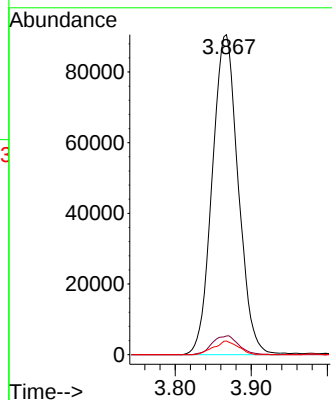
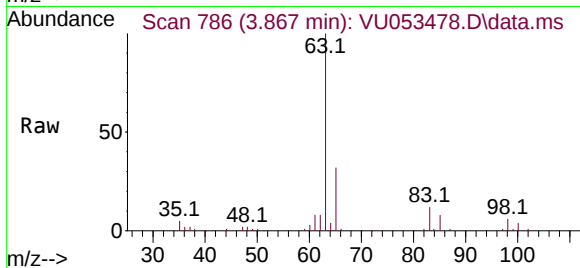
#17  
1,1-Dichloroethane  
Concen: 10.461 ug/l  
RT: 3.867 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 63 Resp: 214534  
Ion Ratio Lower Upper  
63 100  
98 5.9 3.4 10.1  
100 4.3 2.2 6.6

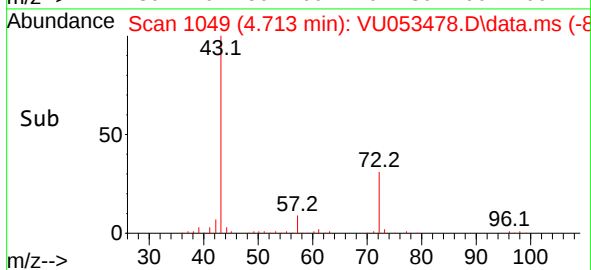
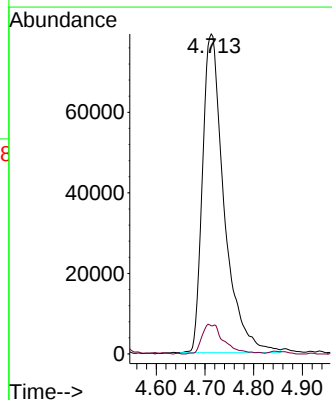
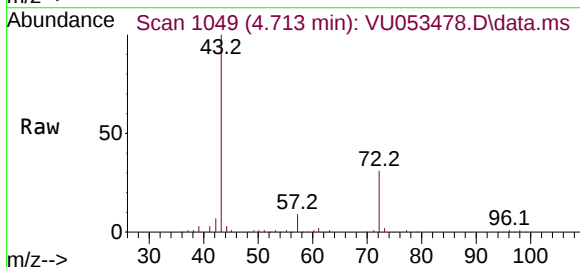
Manual Integrations  
APPROVED

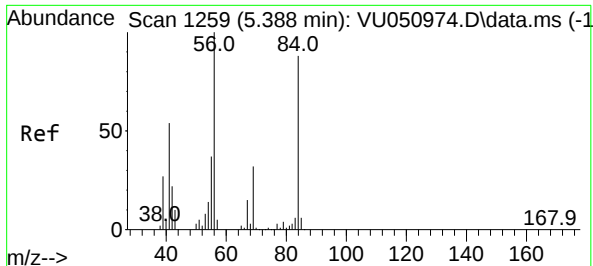
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#18  
2-Butanone  
Concen: 57.914 ug/l  
RT: 4.713 min Scan# 1049  
Delta R.T. -0.016 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Tgt Ion: 43 Resp: 244236  
Ion Ratio Lower Upper  
43 100  
57 8.7 0.0 19.6





#19

Cyclohexane

Concen: 10.567 ug/l

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 178449

Ion Ratio Lower Upper

56 100

69 35.9 24.6 37.0

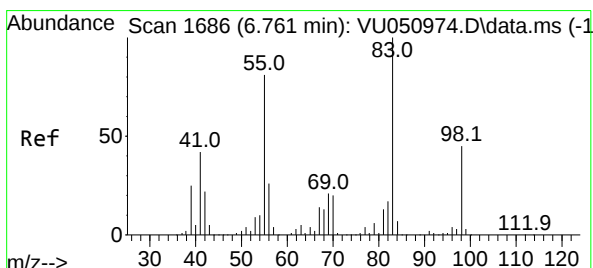
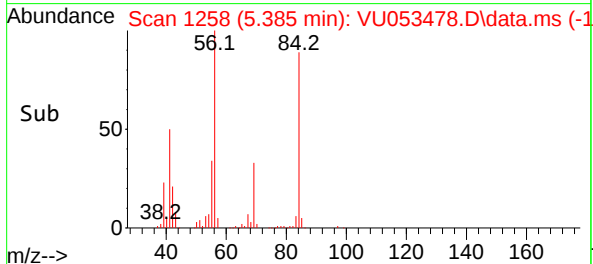
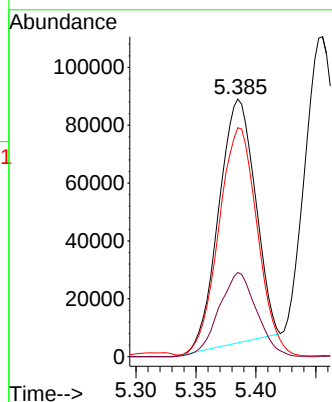
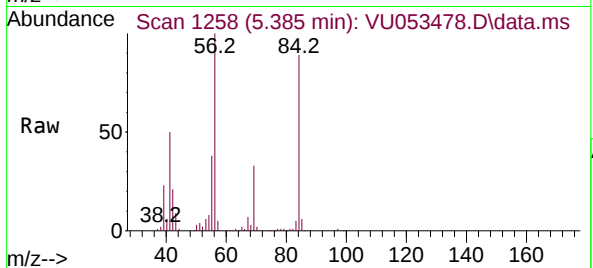
84 98.6 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#20

Methylcyclohexane

Concen: 10.657 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

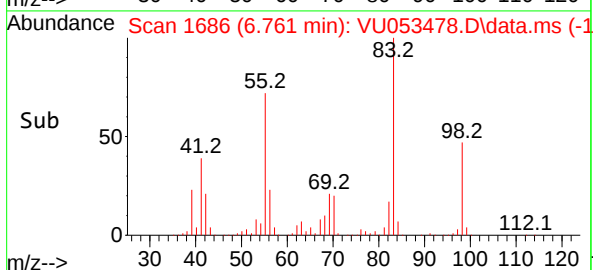
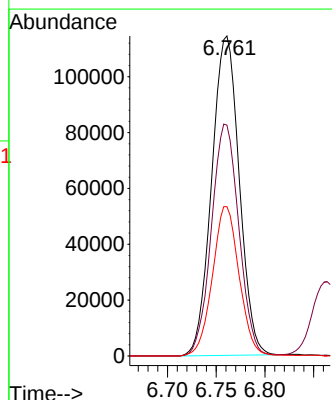
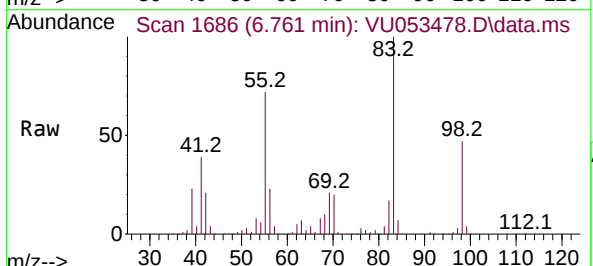
Tgt Ion: 83 Resp: 224825

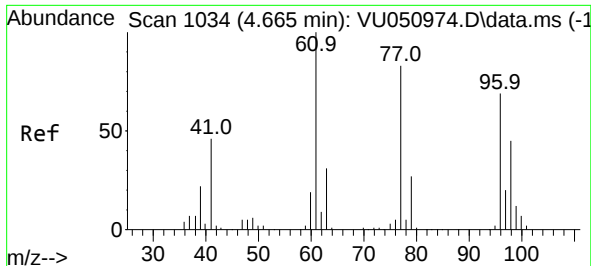
Ion Ratio Lower Upper

83 100

55 71.8 63.5 95.3

98 45.2 36.0 54.0





#21

2,2-Dichloropropane

Concen: 10.836 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 77 Resp: 19024

Ion Ratio Lower Upper

77 100

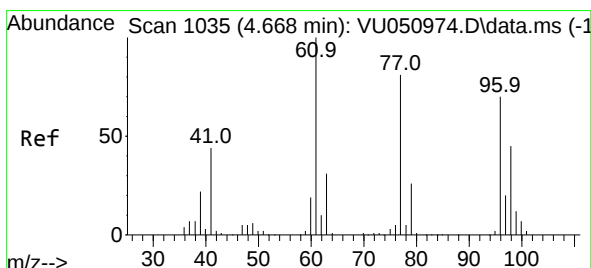
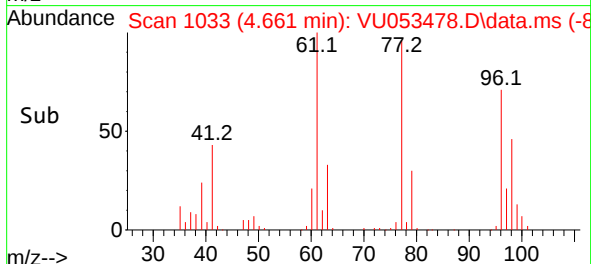
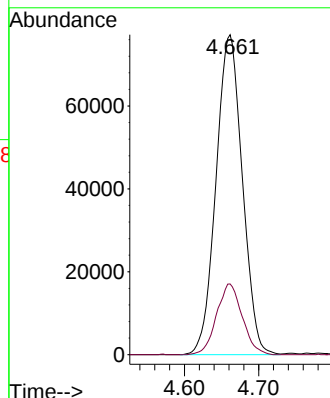
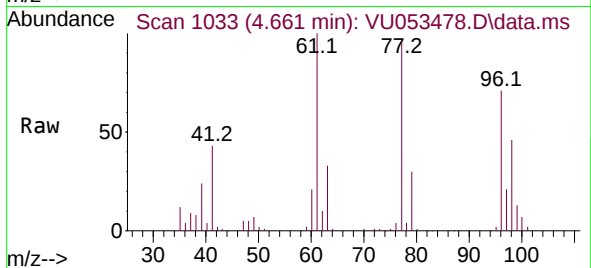
97 21.6 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#22

cis-1,2-Dichloroethene

Concen: 10.408 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.007 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

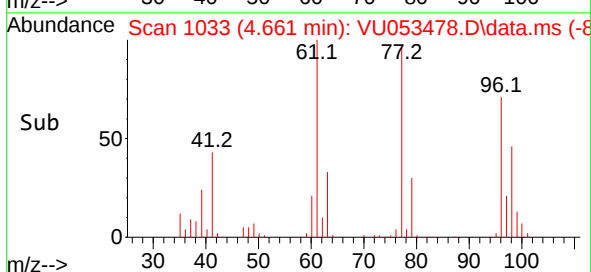
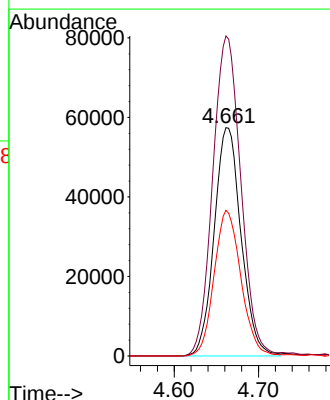
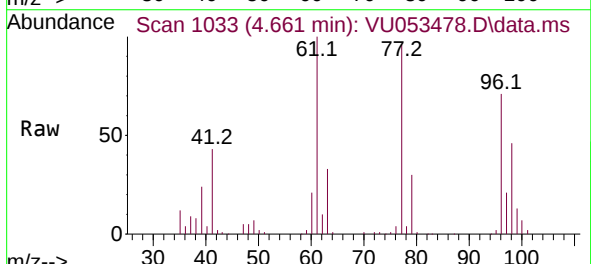
Tgt Ion: 96 Resp: 127108

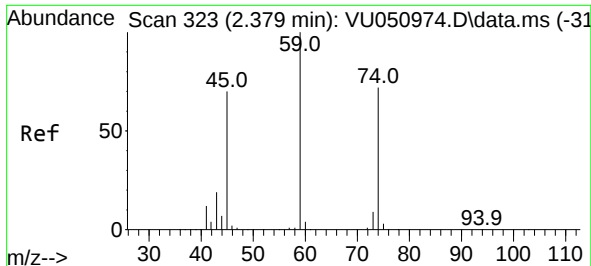
Ion Ratio Lower Upper

96 100

61 146.2 0.0 365.8

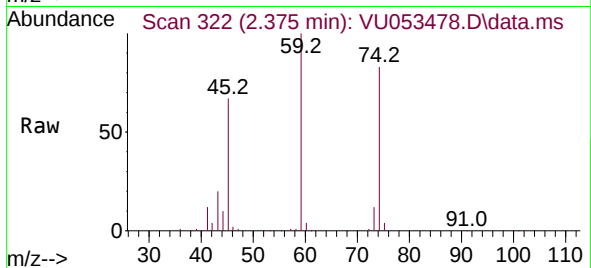
98 63.6 32.0 96.0





#23  
Diethyl Ether  
Concen: 9.387 ug/l  
RT: 2.375 min Scan# 311  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

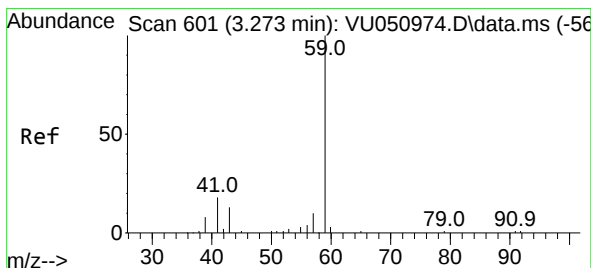
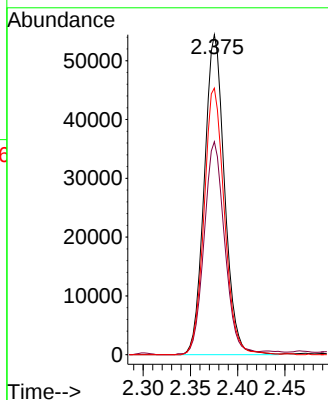
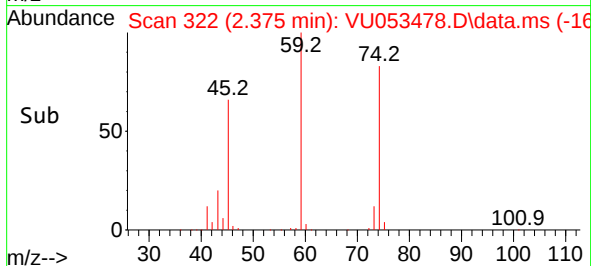
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 59 Resp: 81025  
Ion Ratio Lower Upper  
59 100  
45 67.8 56.1 84.1  
74 83.8 57.4 86.2

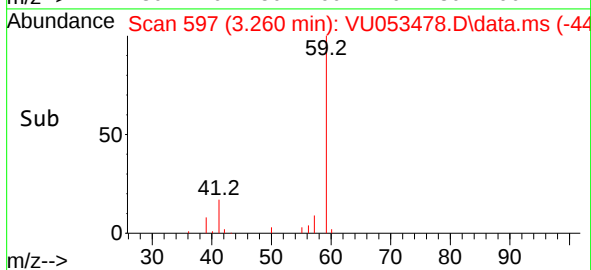
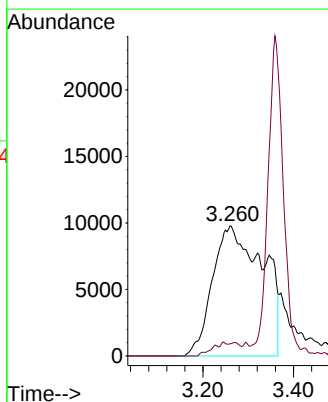
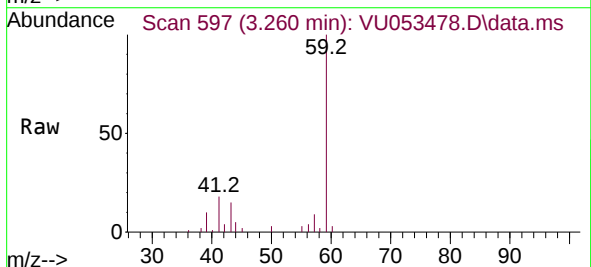
Manual Integrations  
APPROVED

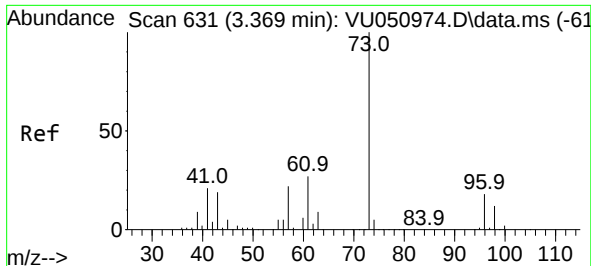
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#24  
tert-Butyl Alcohol  
Concen: 91.602 ug/l m  
RT: 3.260 min Scan# 597  
Delta R.T. -0.013 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

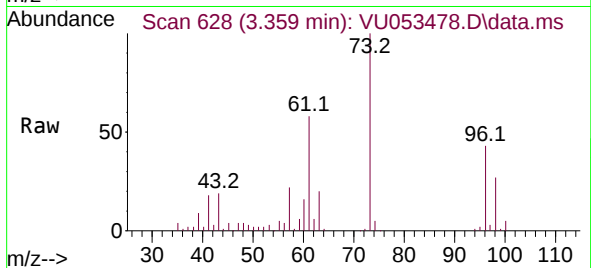
Tgt Ion: 59 Resp: 75090  
Ion Ratio Lower Upper  
59 100  
57 70.8 105.6 158.4#





#25  
Methyl tert-Butyl Ether  
Concen: 10.456 ug/l  
RT: 3.359 min Scan# 61  
Delta R.T. -0.010 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

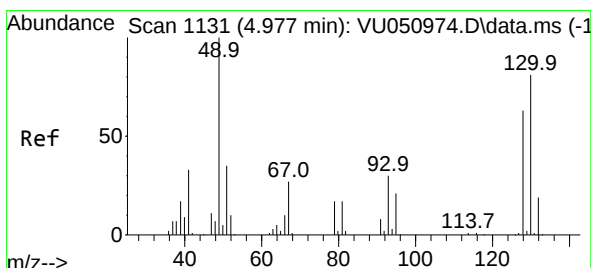
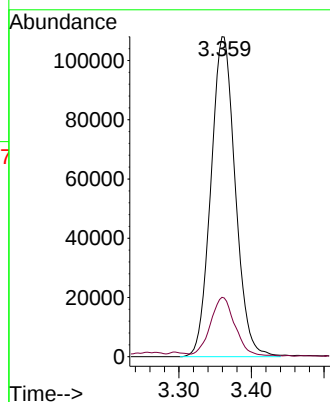
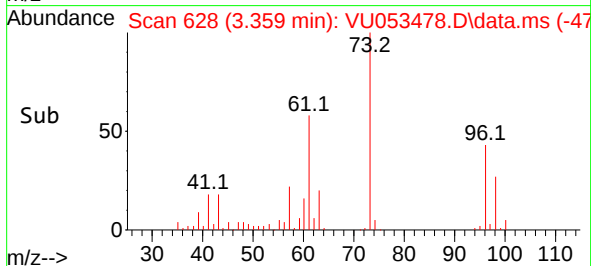
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



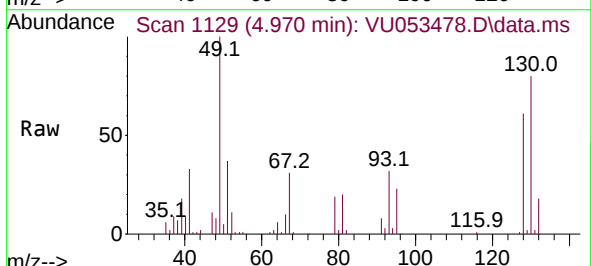
Tgt Ion: 73 Resp: 25204  
Ion Ratio Lower Upper  
73 100  
43 18.3 15.0 22.6

Manual Integrations  
APPROVED

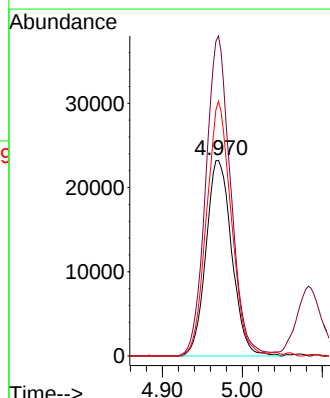
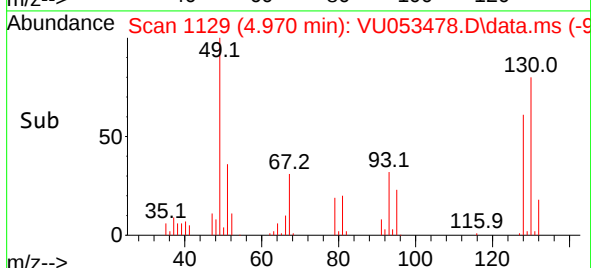
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

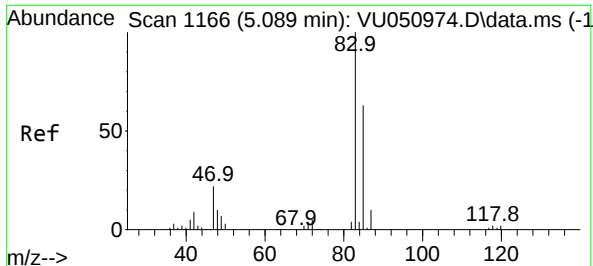


#26  
Bromochloromethane  
Concen: 10.535 ug/l  
RT: 4.970 min Scan# 1129  
Delta R.T. -0.007 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53



Tgt Ion:128 Resp: 51832  
Ion Ratio Lower Upper  
128 100  
49 157.9 0.0 324.6  
130 125.4 103.0 154.4





#27

Chloroform

Concen: 10.368 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.007 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 22073

Ion Ratio Lower Upper

83 100

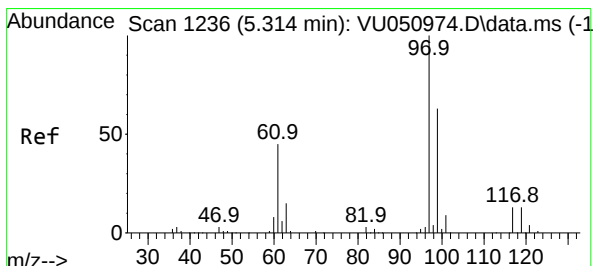
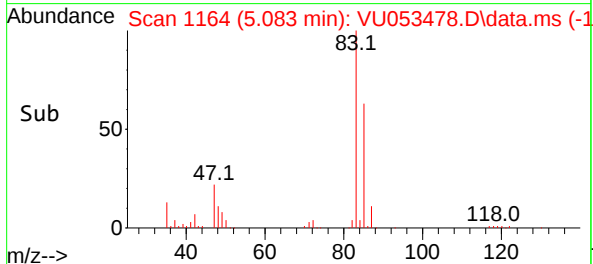
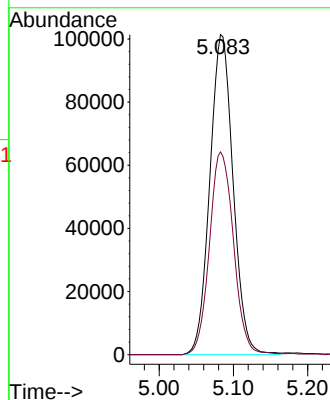
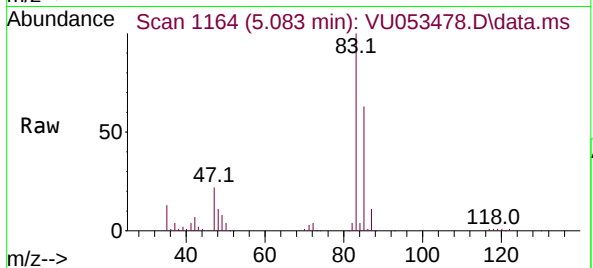
85 63.3 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#28

1,1,1-Trichloroethane

Concen: 10.462 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

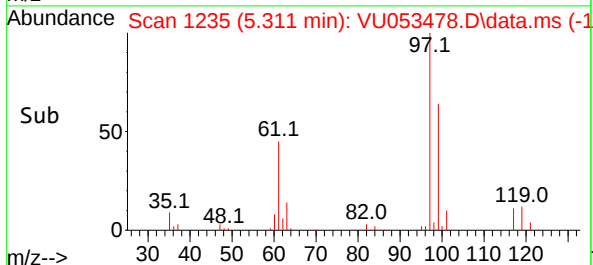
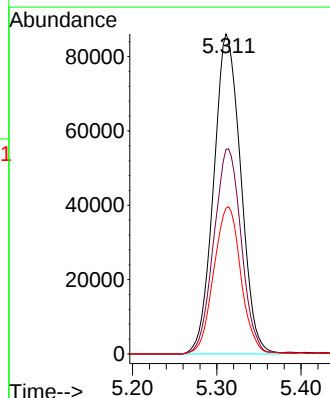
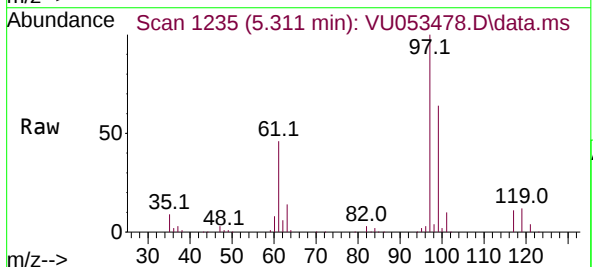
Tgt Ion: 97 Resp: 192017

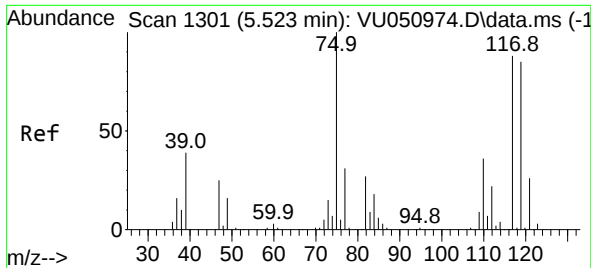
Ion Ratio Lower Upper

97 100

99 65.2 32.0 96.2

61 46.2 22.9 68.5





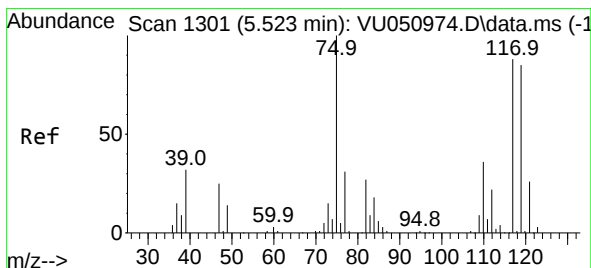
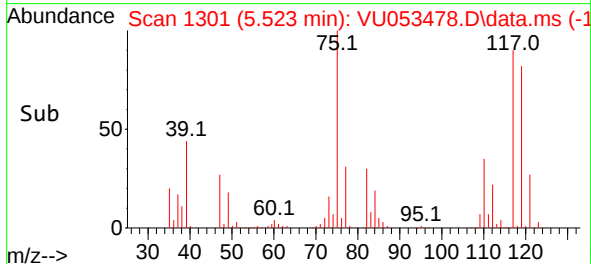
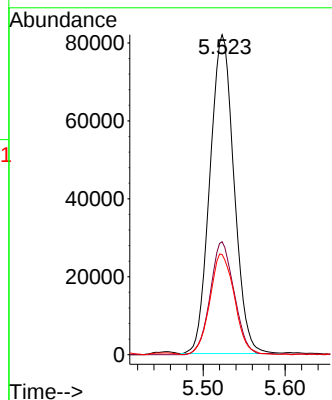
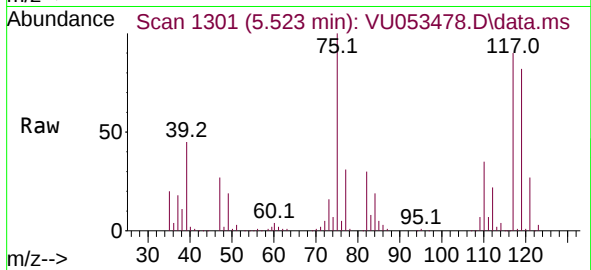
#29  
1,1-Dichloropropene  
Concen: 10.490 ug/l  
RT: 5.523 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 75 Resp: 166618  
Ion Ratio Lower Upper  
75 100  
110 35.2 18.0 54.0  
77 32.4 24.7 37.1

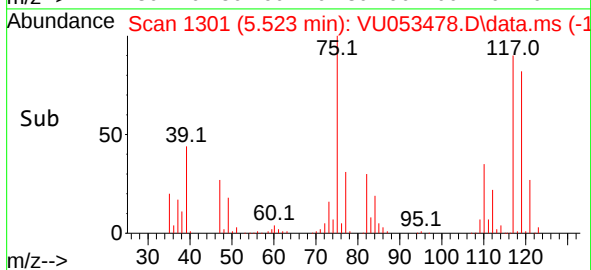
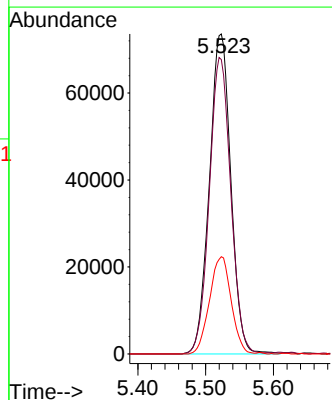
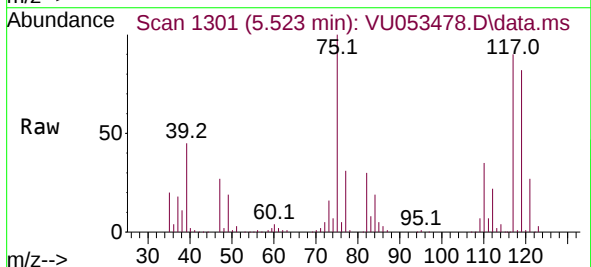
Manual Integrations  
APPROVED

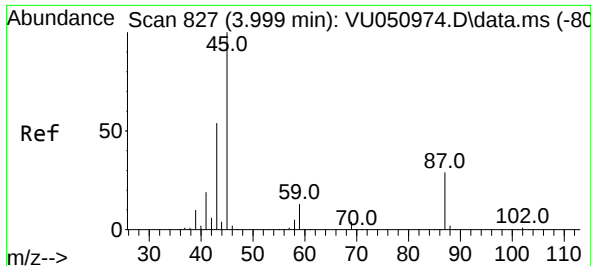
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#30  
Carbon Tetrachloride  
Concen: 11.077 ug/l  
RT: 5.523 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

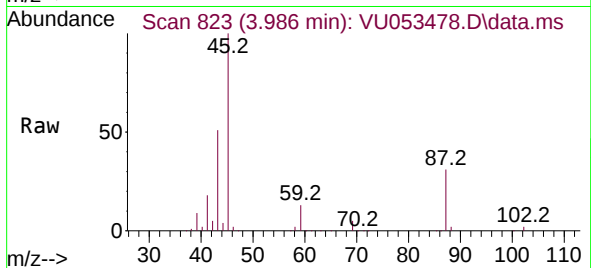
Tgt Ion:117 Resp: 161816  
Ion Ratio Lower Upper  
117 100  
119 92.0 77.4 116.0  
121 30.4 24.0 36.0





#31  
Isopropyl Ether  
Concen: 10.614 ug/l  
RT: 3.986 min Scan# 81  
Delta R.T. -0.013 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

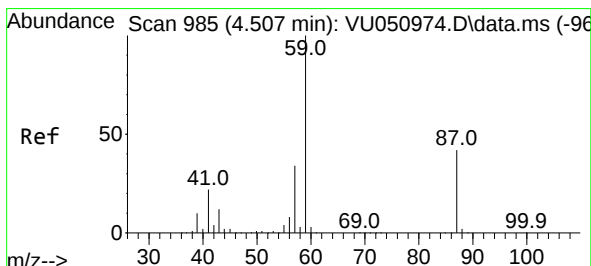
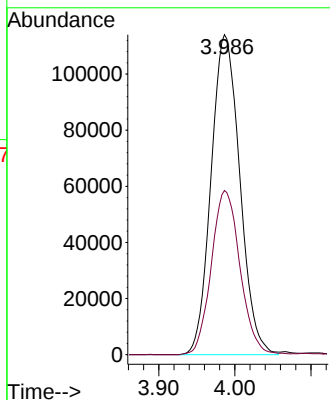
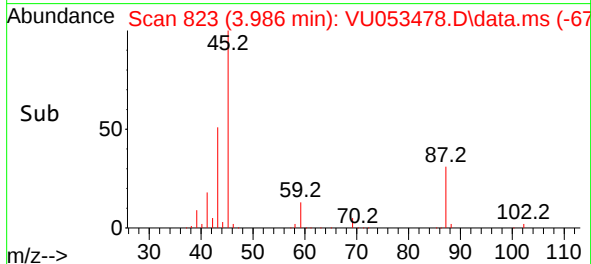
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



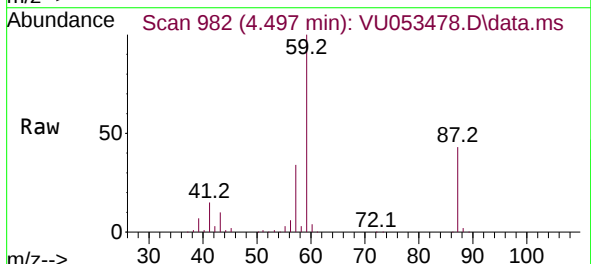
Tgt Ion: 45 Resp: 29946  
Ion Ratio Lower Upper  
45 100  
43 51.2 27.5 82.5

Manual Integrations  
APPROVED

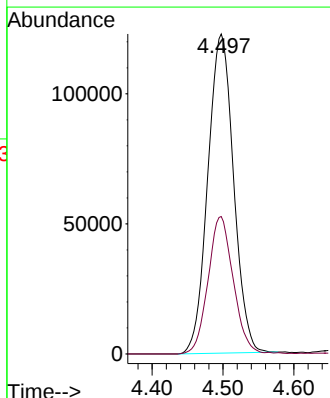
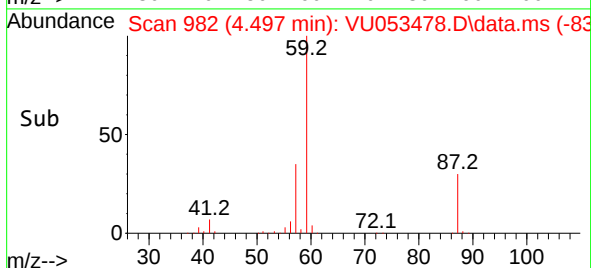
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

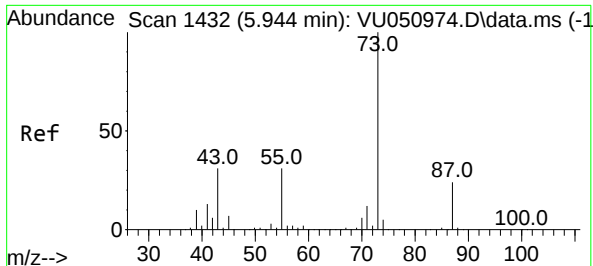


#32  
Ethyl-t-butyl ether  
Concen: 10.675 ug/l  
RT: 4.497 min Scan# 982  
Delta R.T. -0.010 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53



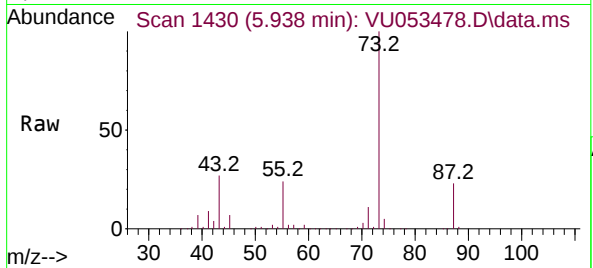
Tgt Ion: 59 Resp: 309395  
Ion Ratio Lower Upper  
59 100  
87 41.5 33.5 50.3





#33  
Tert-Amyl methyl ether  
Concen: 10.624 ug/l  
RT: 5.938 min Scan# 1432  
Delta R.T. -0.007 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

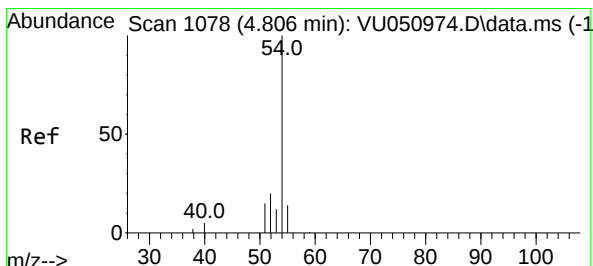
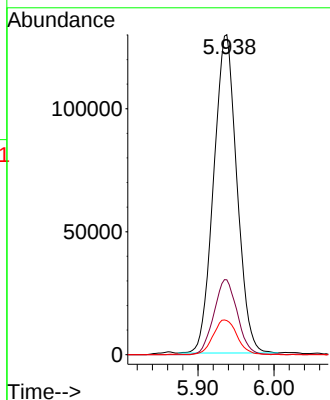
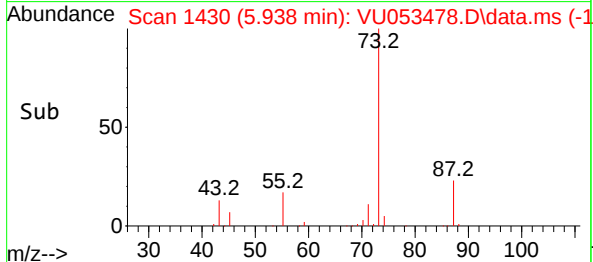
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



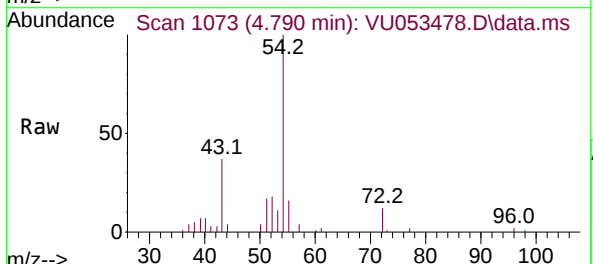
Tgt Ion: 73 Resp: 273790  
Ion Ratio Lower Upper  
73 100  
87 23.6 18.6 28.0  
71 11.2 9.9 14.9

Manual Integrations  
APPROVED

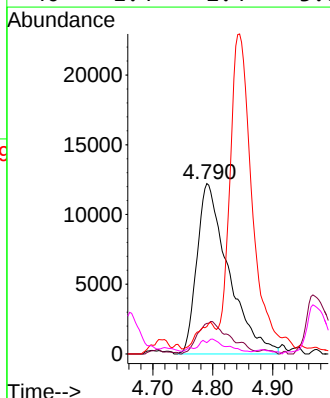
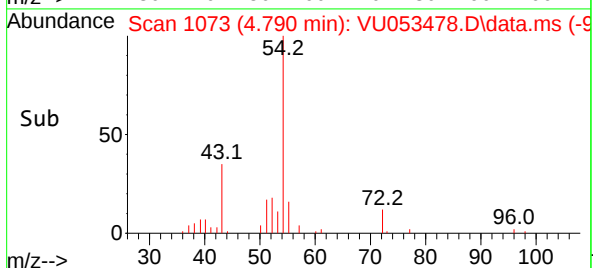
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

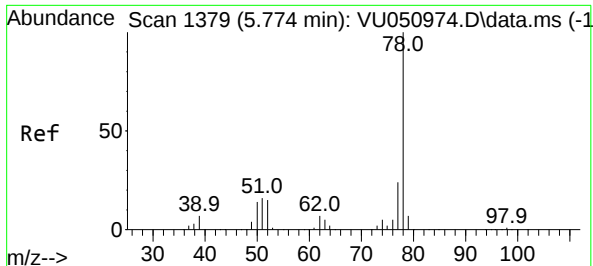


#34  
Propionitrile  
Concen: 55.477 ug/l  
RT: 4.790 min Scan# 1073  
Delta R.T. -0.016 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53



Tgt Ion: 54 Resp: 44606  
Ion Ratio Lower Upper  
54 100  
52 17.1 17.4 26.0#  
55 8.3 104.1 156.1#  
40 1.4 2.4 3.6#





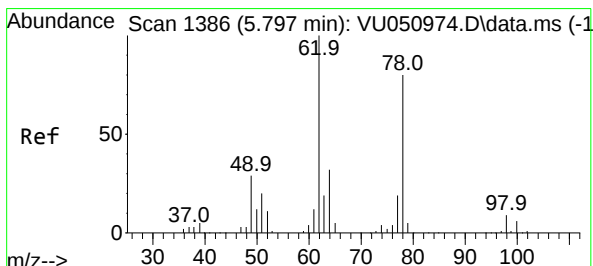
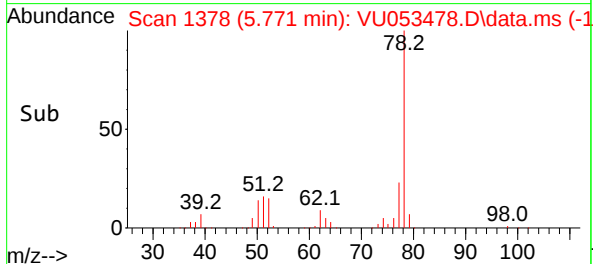
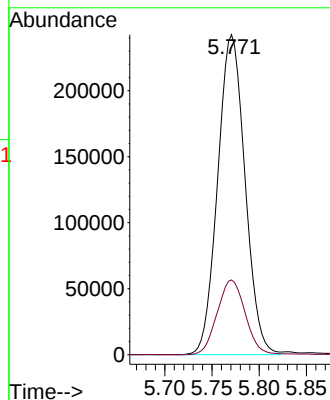
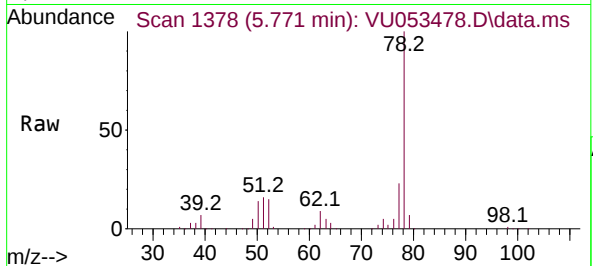
#35  
Benzene  
Concen: 10.487 ug/l  
RT: 5.771 min Scan# 1378  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 78 Resp: 48722  
Ion Ratio Lower Upper  
78 100  
77 23.4 18.9 28.3

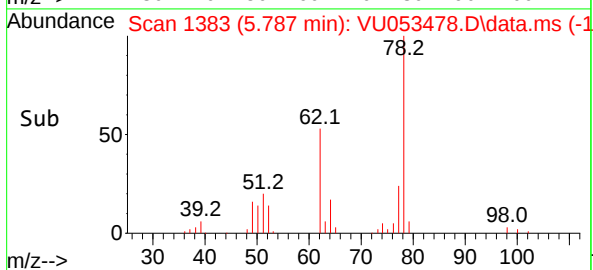
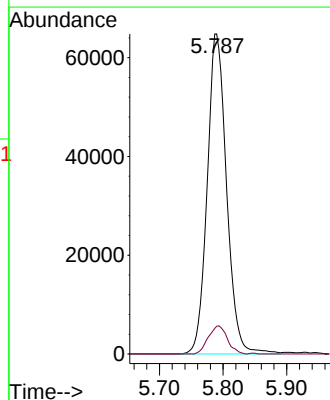
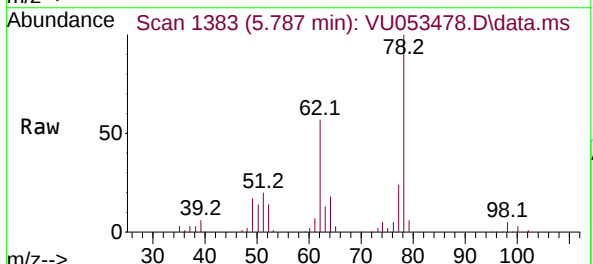
Manual Integrations  
APPROVED

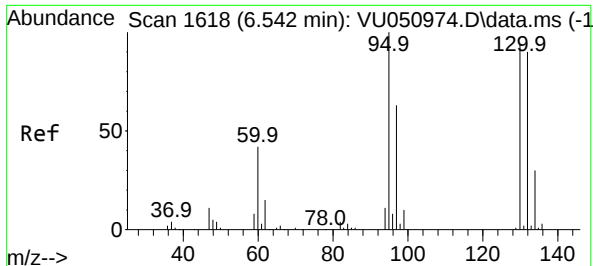
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#36  
1,2-Dichloroethane  
Concen: 10.275 ug/l  
RT: 5.787 min Scan# 1383  
Delta R.T. -0.010 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Tgt Ion: 62 Resp: 137133  
Ion Ratio Lower Upper  
62 100  
98 8.6 7.3 10.9





#37

Trichloroethene

Concen: 10.541 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion:130 Resp: 123164

Ion Ratio Lower Upper

130 100

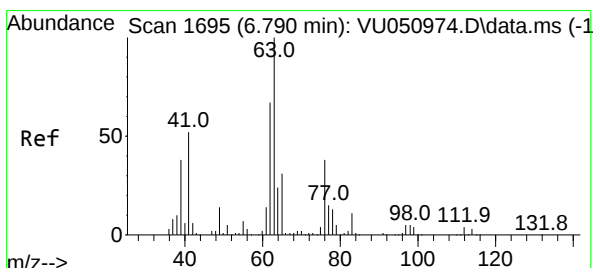
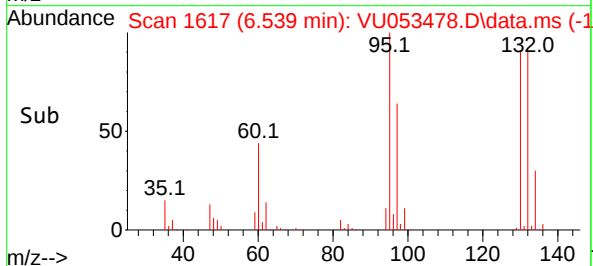
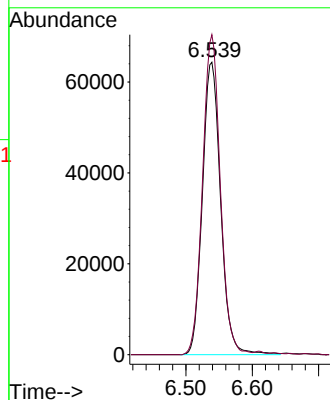
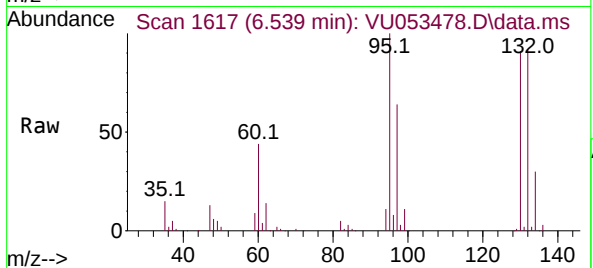
95 109.4 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#38

1,2-Dichloropropane

Concen: 10.661 ug/l

RT: 6.787 min Scan# 1694

Delta R.T. -0.003 min

Lab File: VU053478.D

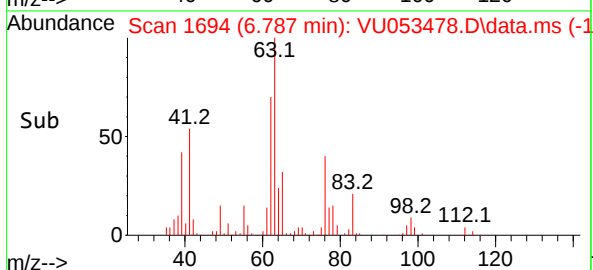
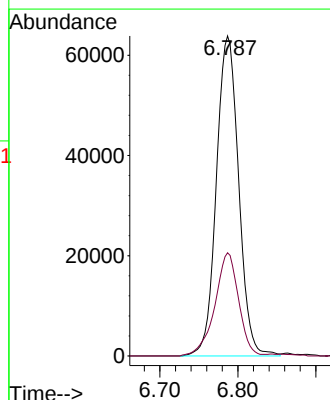
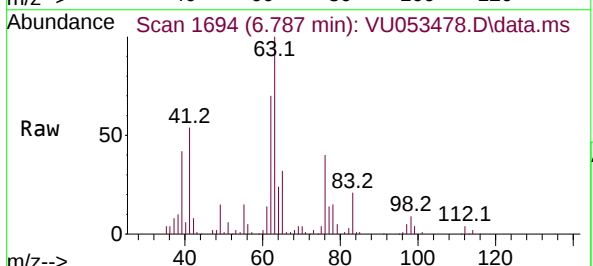
Acq: 30 Mar 2023 09:53

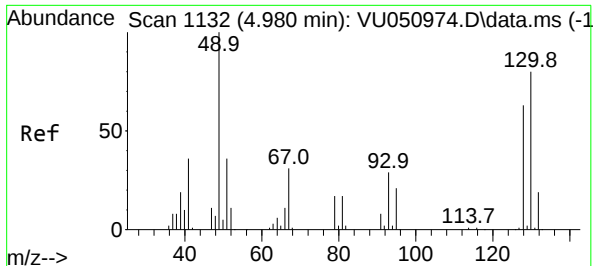
Tgt Ion: 63 Resp: 126917

Ion Ratio Lower Upper

63 100

65 32.3 24.9 37.3





#39

Methacrylonitrile

Concen: 10.373 ug/l

RT: 4.973 min Scan# 1132

Delta R.T. -0.007 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

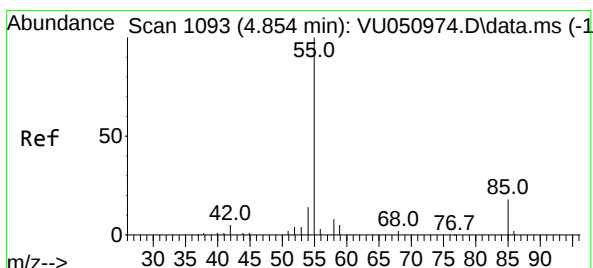
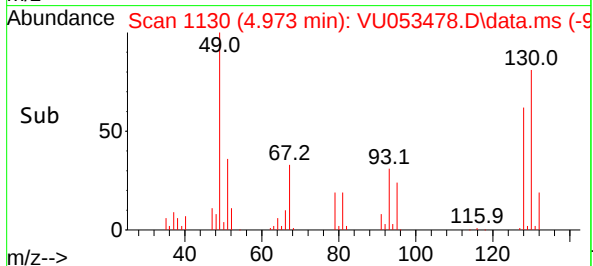
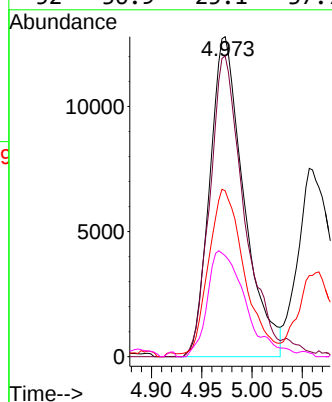
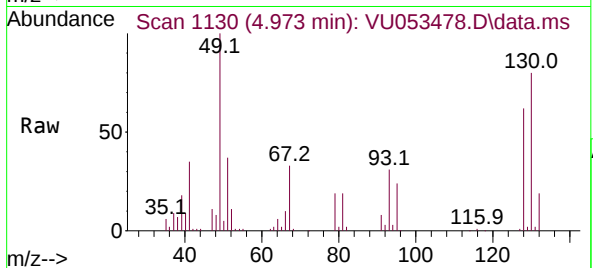
| Tgt Ion: | 41    | Resp: | 3009  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 67       | 93.6  | 66.8  | 100.2 |
| 39       | 53.4  | 41.2  | 61.8  |
| 52       | 36.9  | 25.1  | 37.7  |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

Methyl acrylate

Concen: 10.940 ug/l

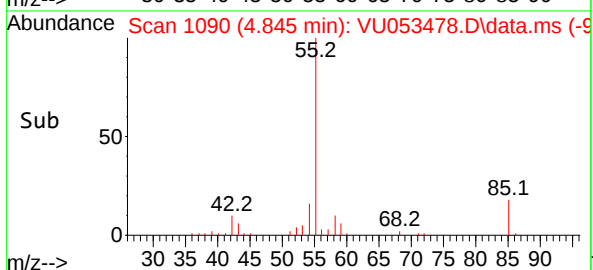
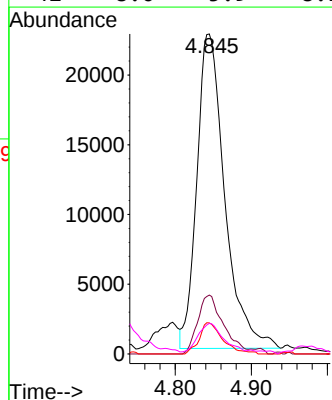
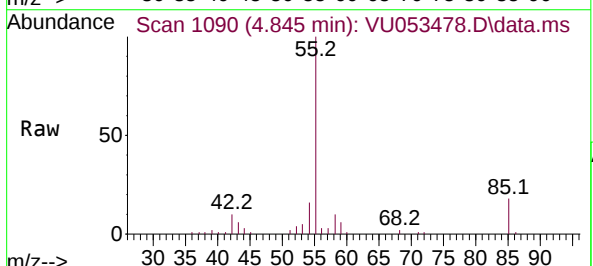
RT: 4.845 min Scan# 1090

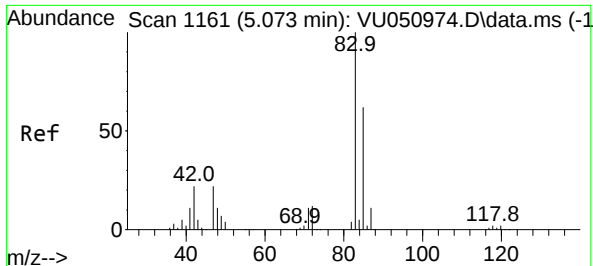
Delta R.T. -0.010 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

| Tgt Ion: | 55    | Resp: | 57554 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 55       | 100   |       |       |
| 85       | 17.2  | 13.3  | 19.9  |
| 58       | 8.3   | 6.5   | 9.7   |
| 42       | 8.0   | 5.9   | 8.9   |





#41

Tetrahydrofuran

Concen: 21.733 ug/l

RT: 5.060 min Scan# 1161

Delta R.T. -0.013 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 32920

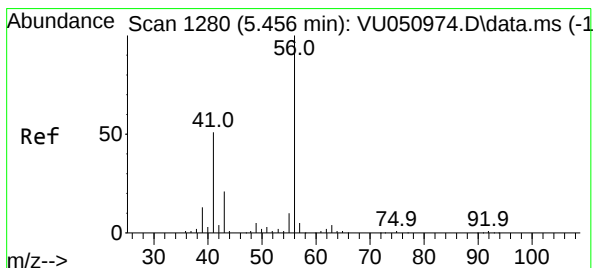
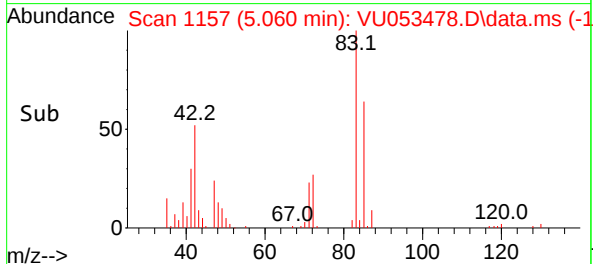
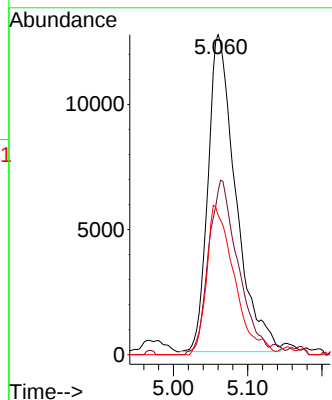
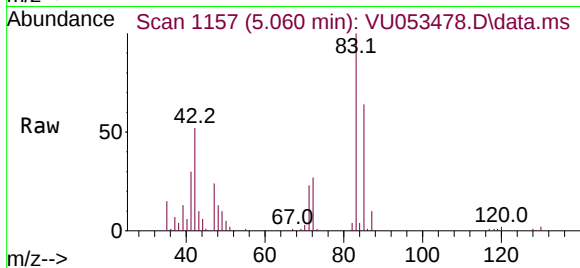
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 58.0  | 40.9  | 61.3  |
| 71  | 47.1  | 36.9  | 55.3  |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#42

1-Chlorobutane

Concen: 10.645 ug/l

RT: 5.456 min Scan# 1280

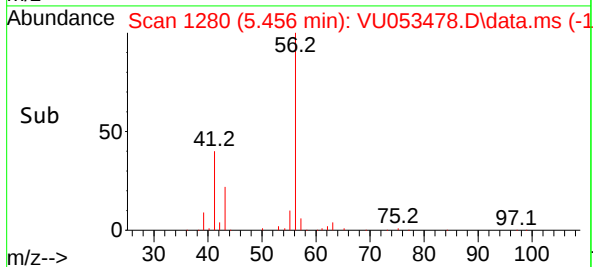
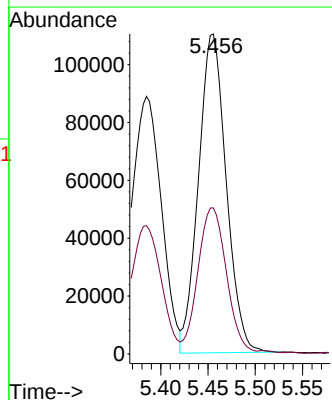
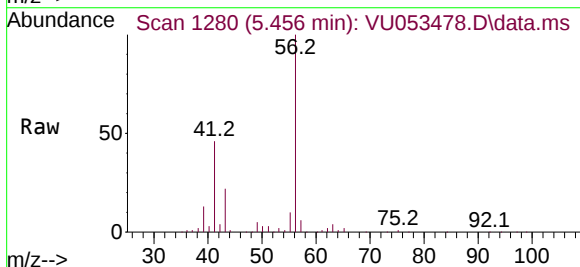
Delta R.T. -0.000 min

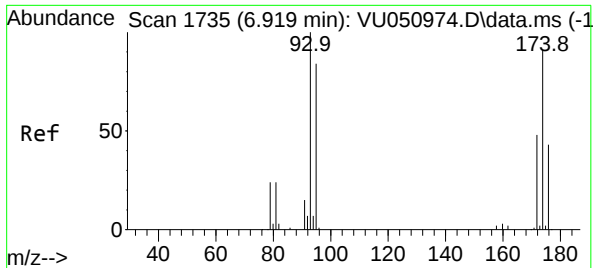
Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

Tgt Ion: 56 Resp: 224880

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 41  | 45.7  | 25.2  | 75.6  |





#43

Dibromomethane

Concen: 10.634 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. -0.007 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 93 Resp: 60314

Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

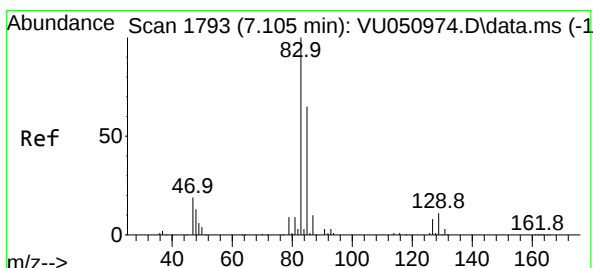
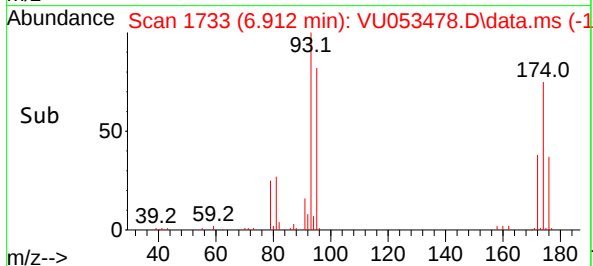
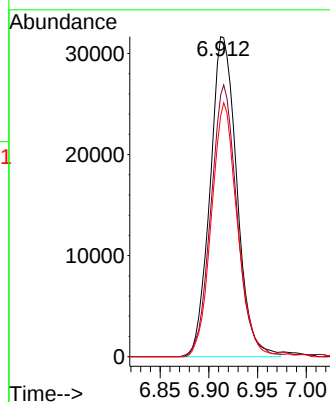
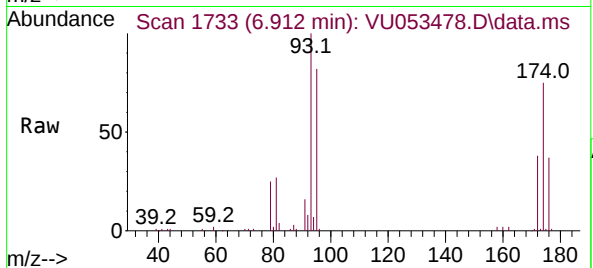
174 77.0 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#44

Bromodichloromethane

Concen: 10.898 ug/l

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

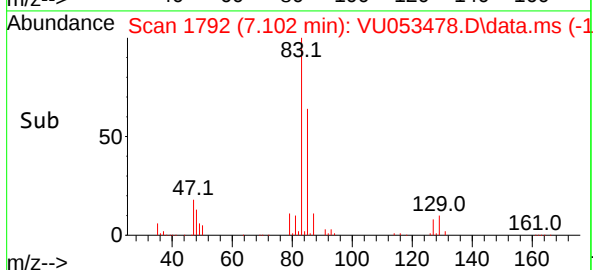
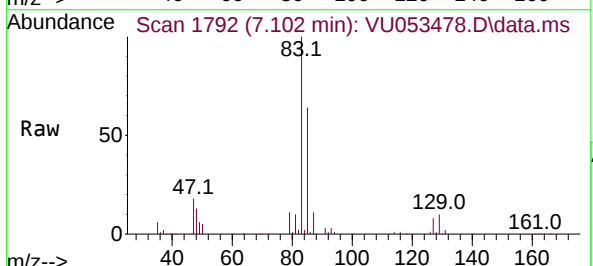
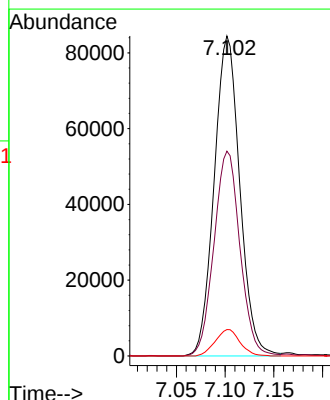
Tgt Ion: 83 Resp: 154561

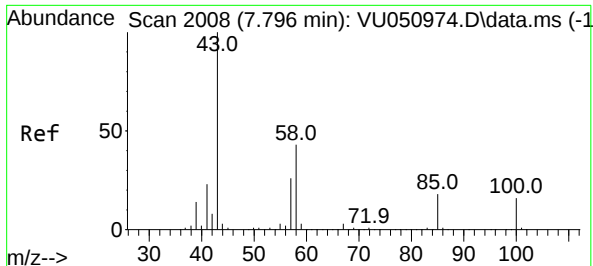
Ion Ratio Lower Upper

83 100

85 64.0 51.9 77.9

127 8.3 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 56.170 ug/l

RT: 7.787 min Scan# 2005

Delta R.T. -0.010 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 33045

Ion Ratio Lower Upper

43 100

58 44.1 20.9 62.8

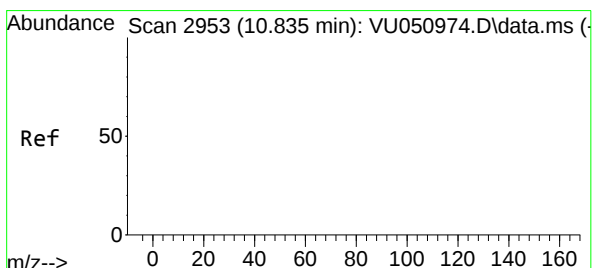
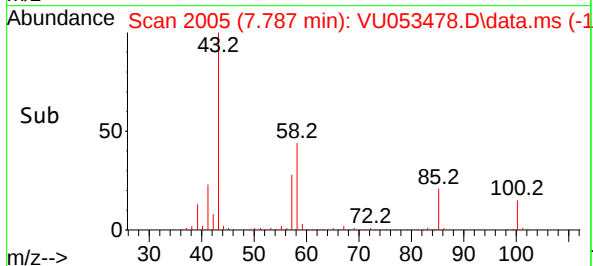
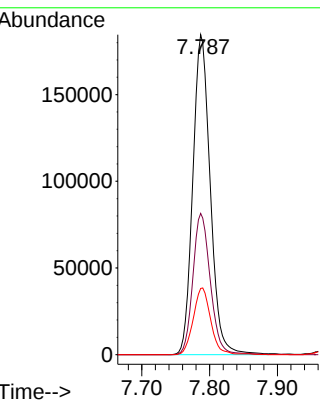
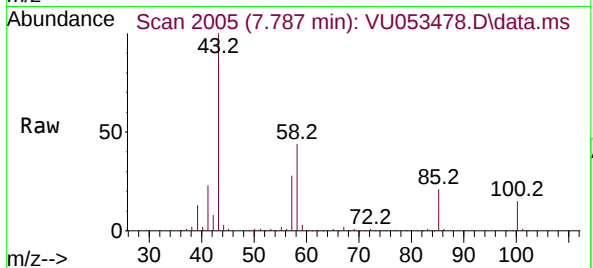
85 20.8 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#46

t-1,4-Dichloro-2-butene

Concen: 19.295 ug/l m

RT: 10.825 min Scan# 2950

Delta R.T. -0.010 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

Tgt Ion: 75 Resp: 73086

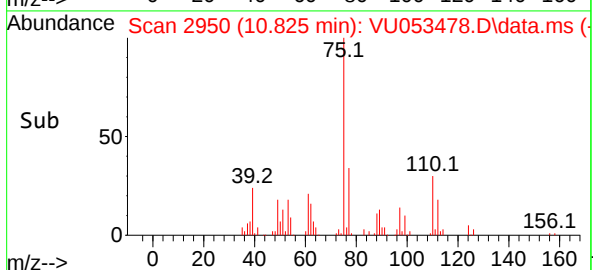
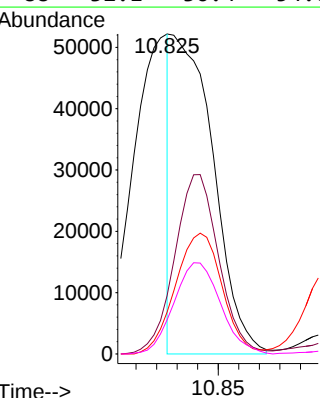
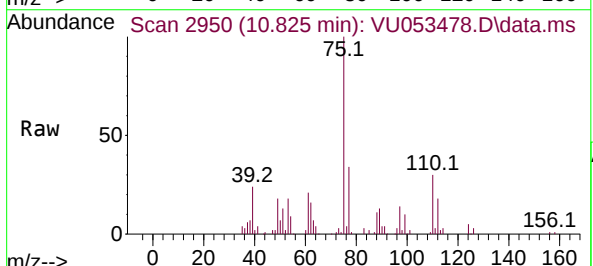
Ion Ratio Lower Upper

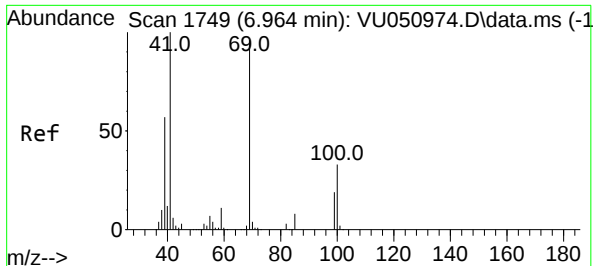
75 100

53 59.8 73.3 109.9#

89 42.6 48.2 72.4#

88 32.1 36.4 54.6#





#47

Methyl methacrylate

Concen: 20.862 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. -0.007 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 10878

Ion Ratio Lower Upper

69 100

41 98.8 0.0 209.2

39 58.8 46.7 70.1

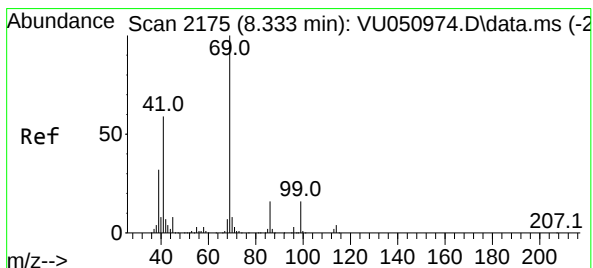
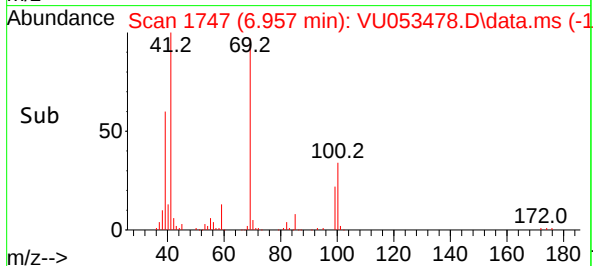
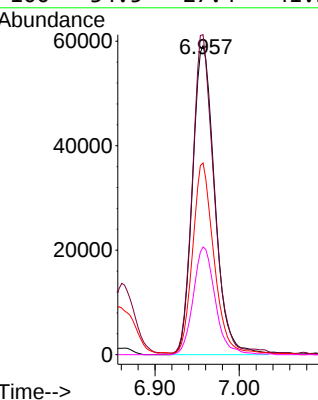
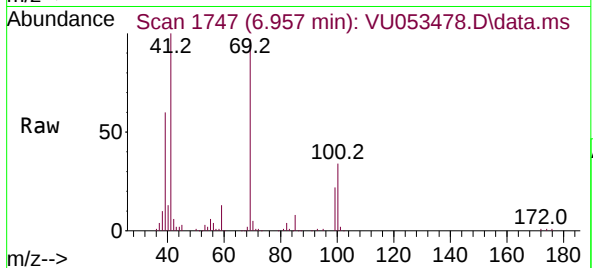
100 34.5 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#48

Ethyl methacrylate

Concen: 10.871 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VU053478.D

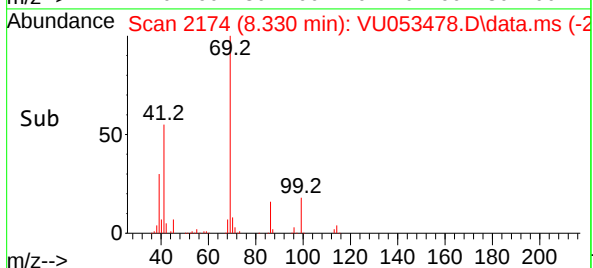
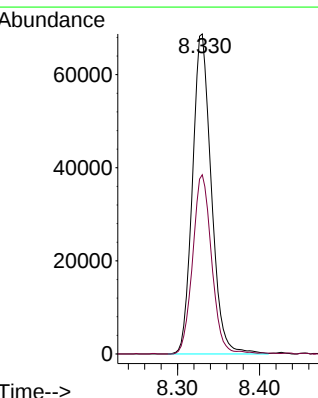
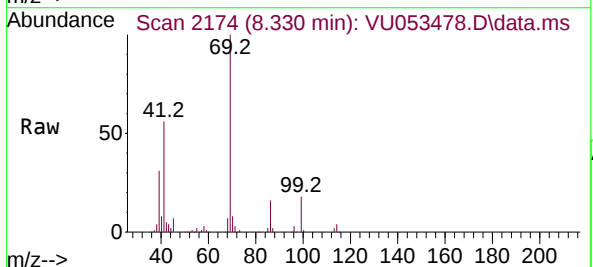
Acq: 30 Mar 2023 09:53

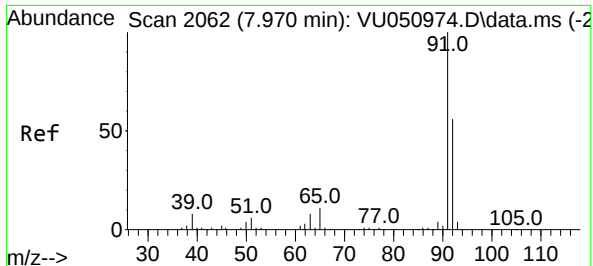
Tgt Ion: 69 Resp: 109935

Ion Ratio Lower Upper

69 100

41 56.4 30.3 90.8





#49

Toluene

Concen: 10.594 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 92 Resp: 30168

Ion Ratio Lower Upper

92 100

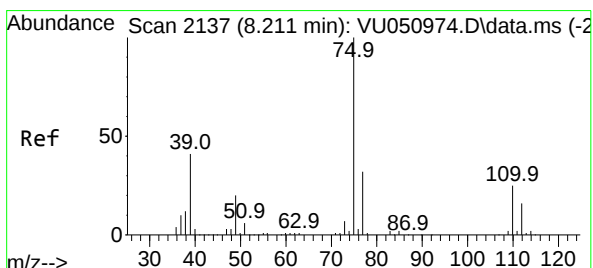
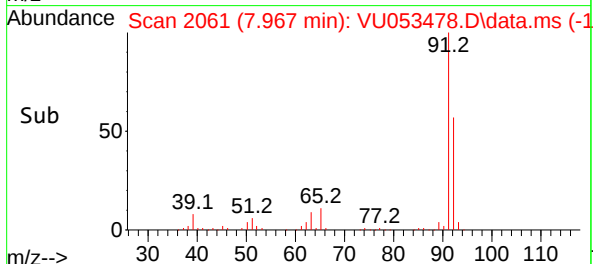
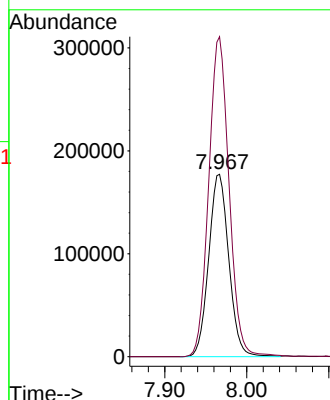
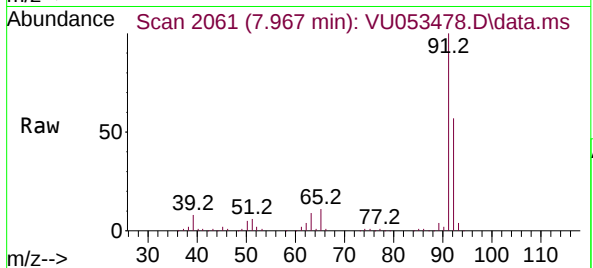
91 177.4 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#50

t-1,3-Dichloropropene

Concen: 11.410 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU053478.D

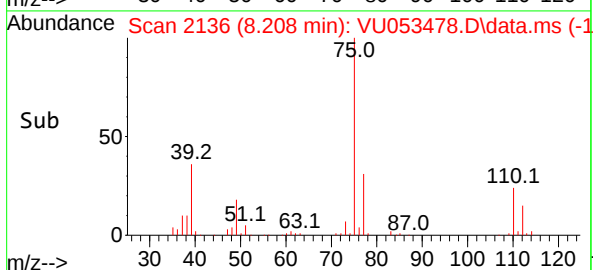
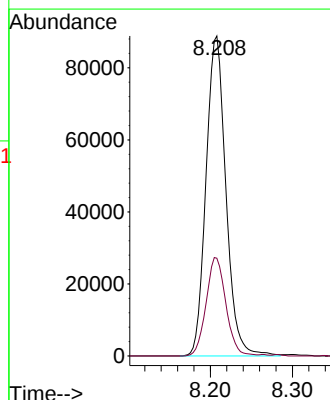
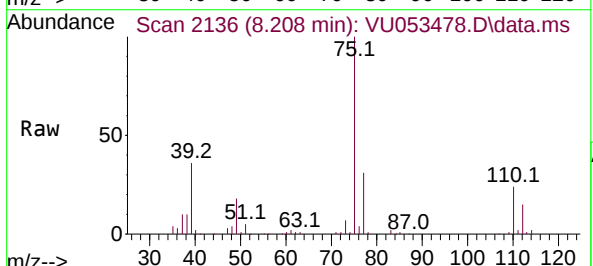
Acq: 30 Mar 2023 09:53

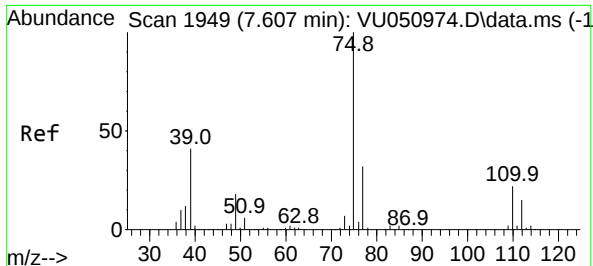
Tgt Ion: 75 Resp: 149884

Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9





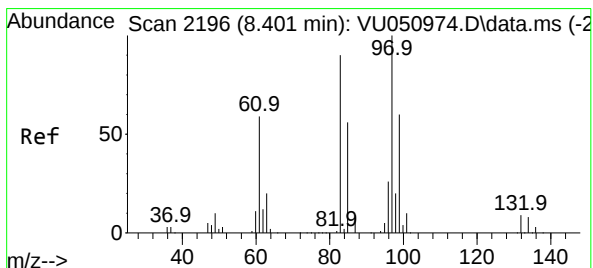
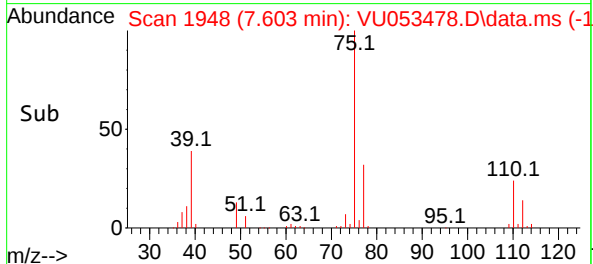
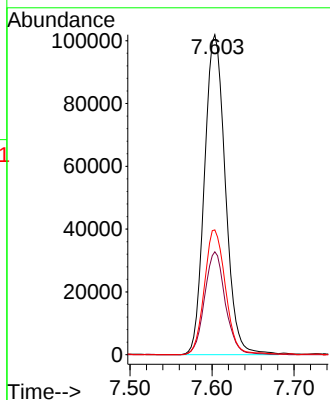
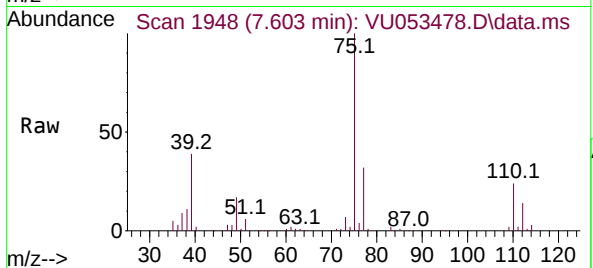
#51  
 cis-1,3-Dichloropropene  
 Concen: 11.076 ug/l  
 RT: 7.603 min Scan# 1948  
 Delta R.T. -0.003 min  
 Lab File: VU053478.D  
 Acq: 30 Mar 2023 09:53

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

Tgt Ion: 75 Resp: 180198  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.7 38.5  
 39 39.0 32.8 49.2

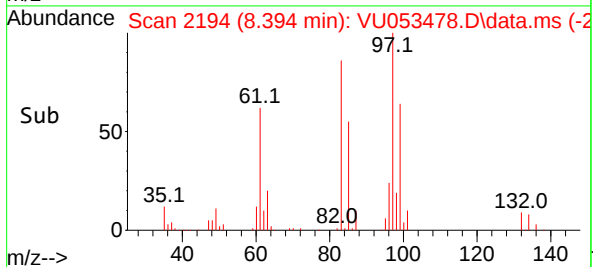
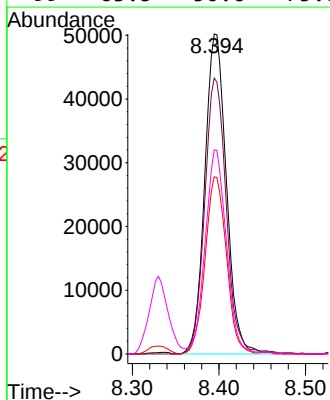
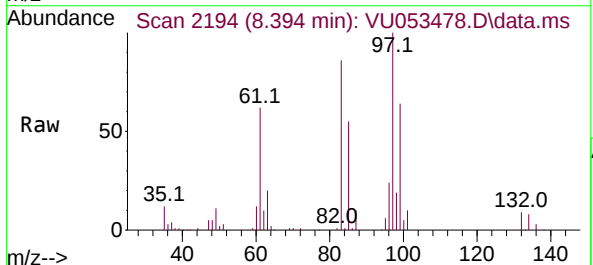
Manual Integrations  
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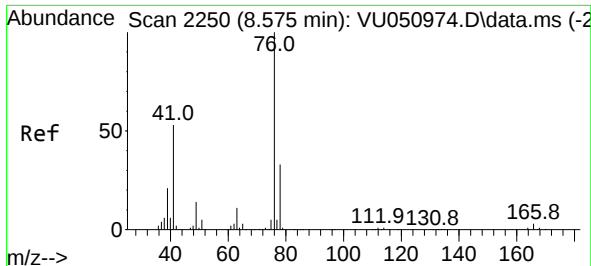
Reviewed By :Krupa Patel 04/07/2023  
 Supervised By :Mahesh Dadoda 04/07/2023



#52  
 1,1,2-Trichloroethane  
 Concen: 10.602 ug/l  
 RT: 8.394 min Scan# 2194  
 Delta R.T. -0.007 min  
 Lab File: VU053478.D  
 Acq: 30 Mar 2023 09:53

Tgt Ion: 97 Resp: 87188  
 Ion Ratio Lower Upper  
 97 100  
 83 86.2 71.8 107.8  
 85 55.4 45.2 67.8  
 99 63.5 50.6 75.8





#53

1,3-Dichloropropane

Concen: 10.648 ug/l

RT: 8.571 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 151052

Ion Ratio Lower Upper

76 100

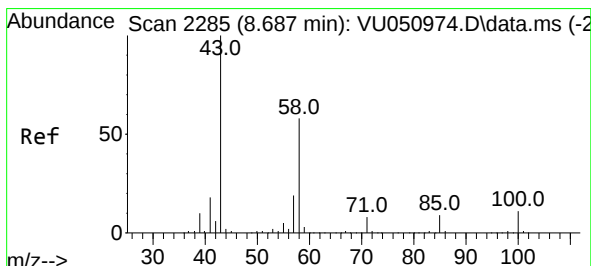
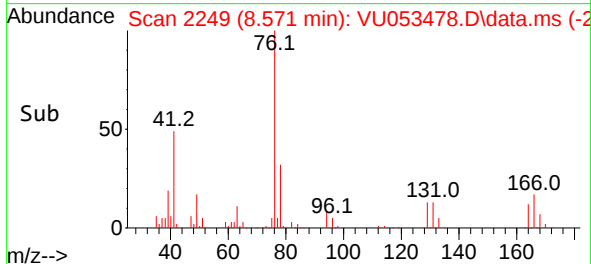
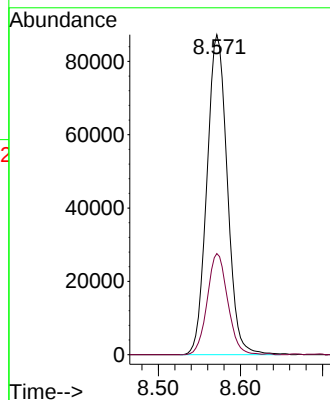
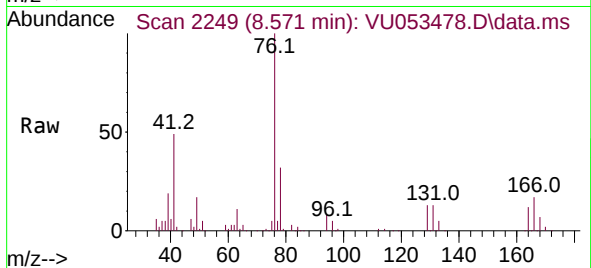
78 31.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#54

2-Hexanone

Concen: 59.627 ug/l

RT: 8.681 min Scan# 2283

Delta R.T. -0.007 min

Lab File: VU053478.D

Acq: 30 Mar 2023 09:53

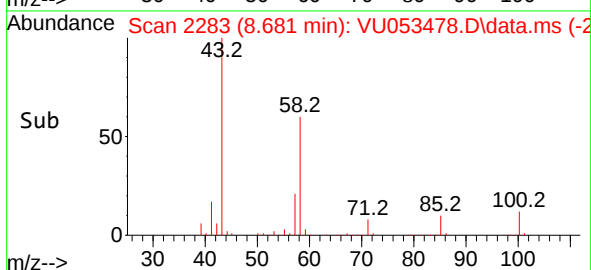
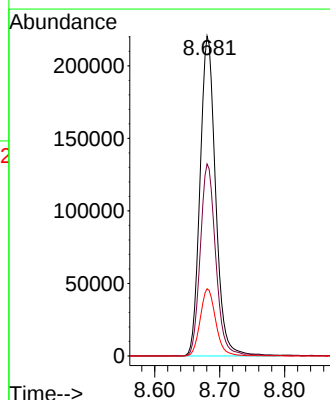
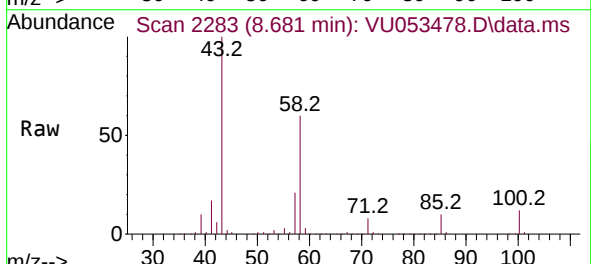
Tgt Ion: 43 Resp: 368040

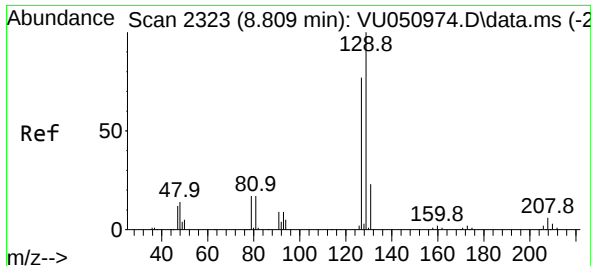
Ion Ratio Lower Upper

43 100

58 60.0 38.2 78.2

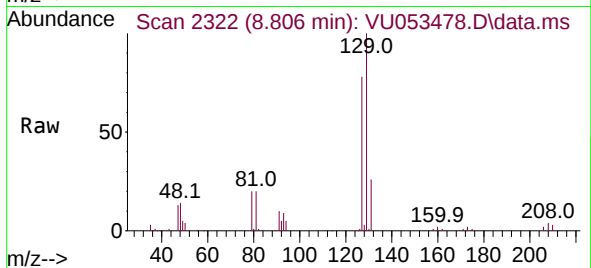
57 20.9 0.0 39.1





#55  
Dibromochloromethane  
Concen: 11.086 ug/l  
RT: 8.806 min Scan# 2322  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

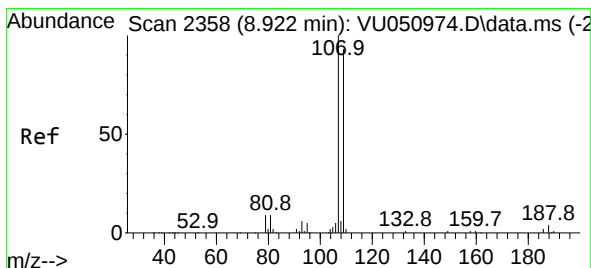
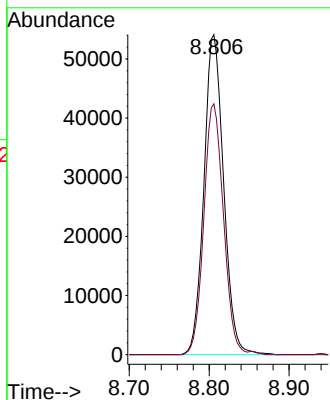
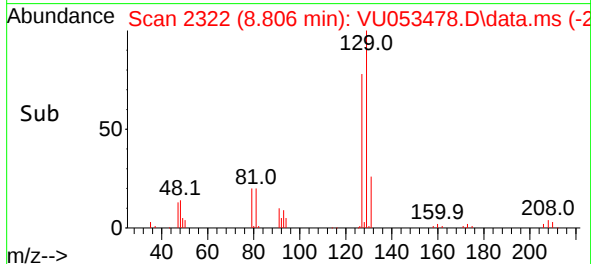
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion:129 Resp: 9281  
Ion Ratio Lower Upper  
129 100  
127 78.0 61.4 92.0

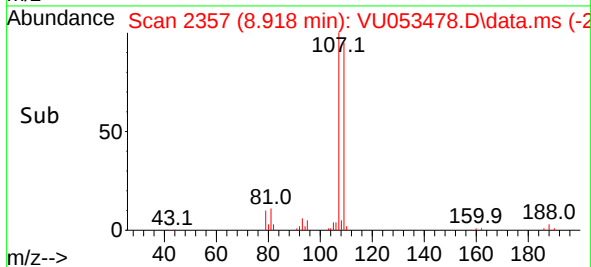
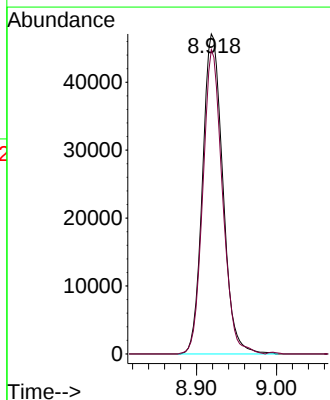
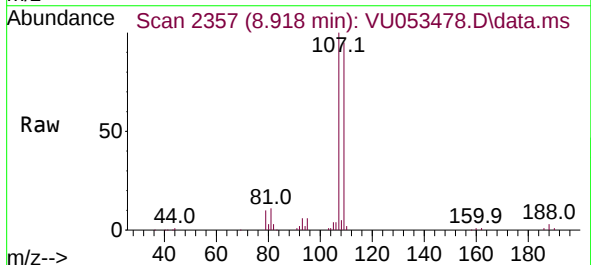
Manual Integrations  
APPROVED

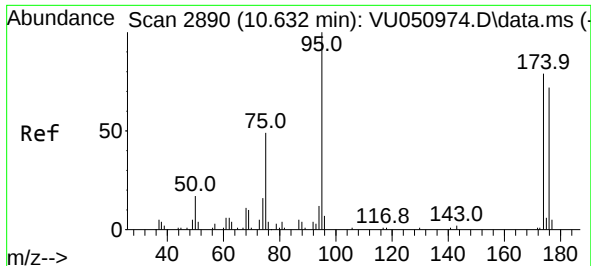
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#56  
1,2-Dibromoethane  
Concen: 10.971 ug/l  
RT: 8.918 min Scan# 2357  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

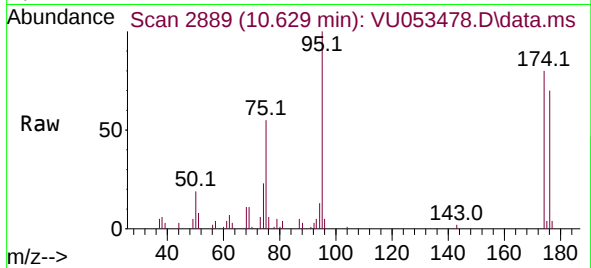
Tgt Ion:107 Resp: 83127  
Ion Ratio Lower Upper  
107 100  
109 91.9 0.0 184.4





#57  
4-Bromofluorobenzene  
Concen: 1.160 ug/l  
RT: 10.629 min Scan# 2889  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

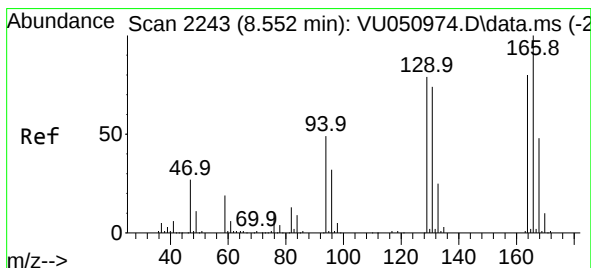
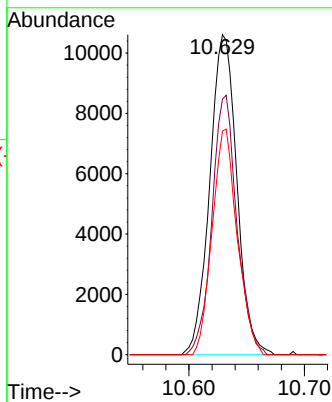
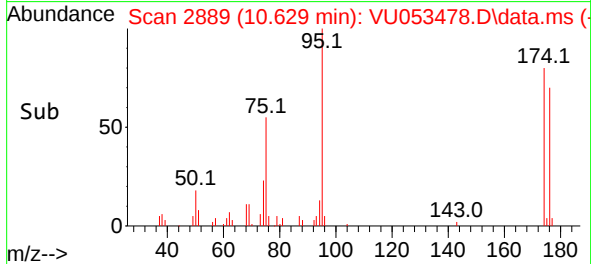
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 95 Resp: 17244  
Ion Ratio Lower Upper  
95 100  
174 74.9 63.3 94.9  
176 65.4 59.3 88.9

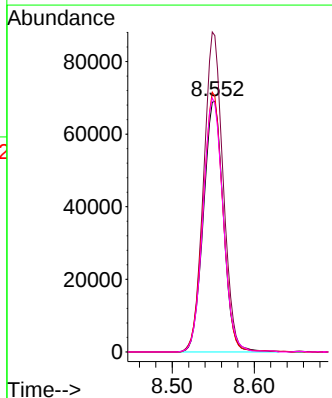
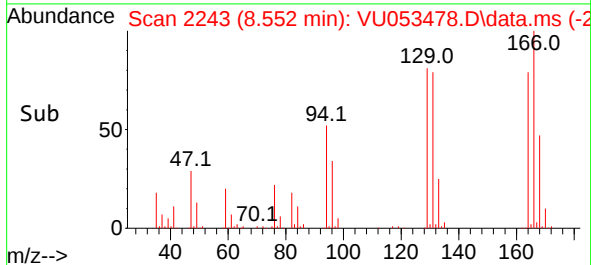
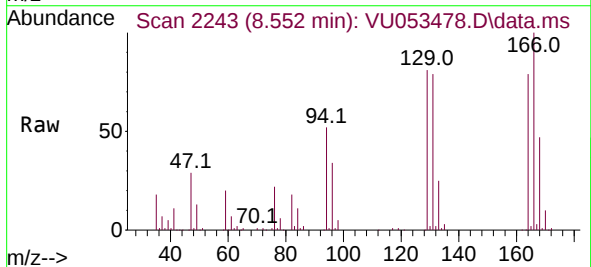
Manual Integrations  
APPROVED

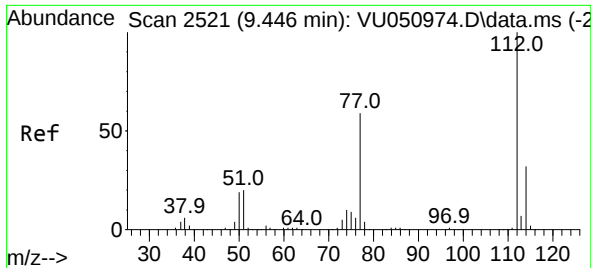
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#58  
Tetrachloroethene  
Concen: 10.628 ug/l  
RT: 8.552 min Scan# 2243  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Tgt Ion:164 Resp: 116134  
Ion Ratio Lower Upper  
164 100  
166 126.2 99.6 149.4  
129 102.1 78.6 117.8  
131 99.2 73.4 110.0





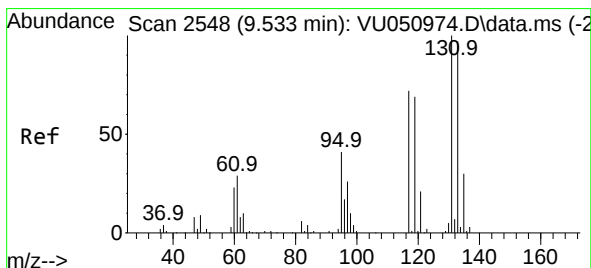
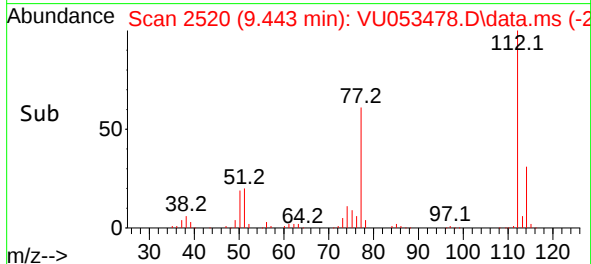
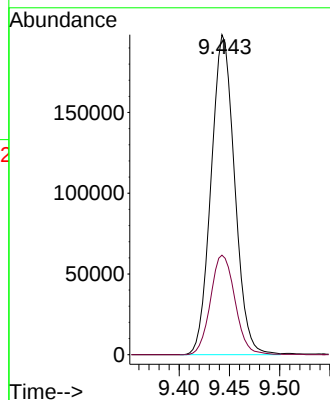
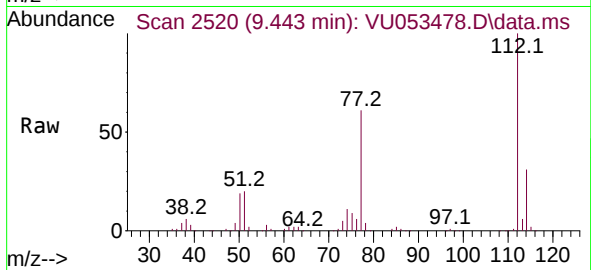
#59  
Chlorobenzene  
Concen: 10.296 ug/l  
RT: 9.443 min Scan# 2521  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:112 Resp: 32278  
Ion Ratio Lower Upper  
112 100  
114 31.1 25.6 38.4

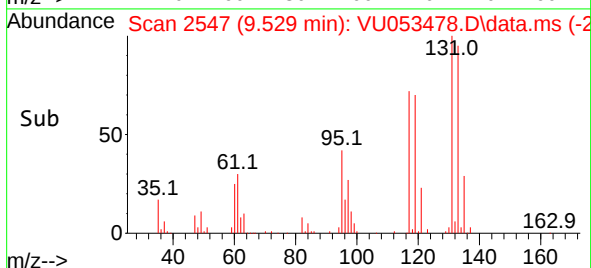
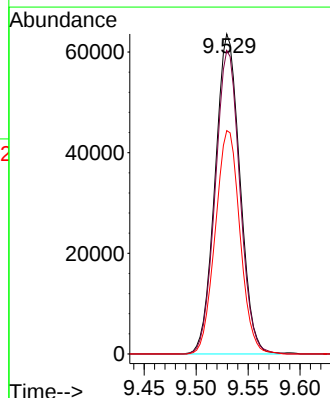
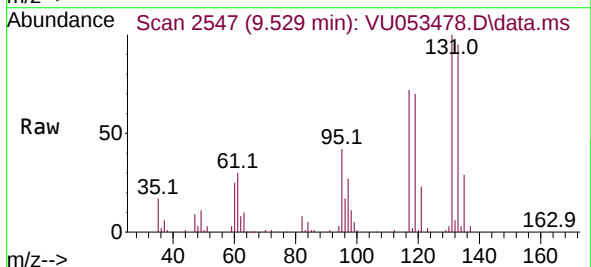
Manual Integrations  
APPROVED

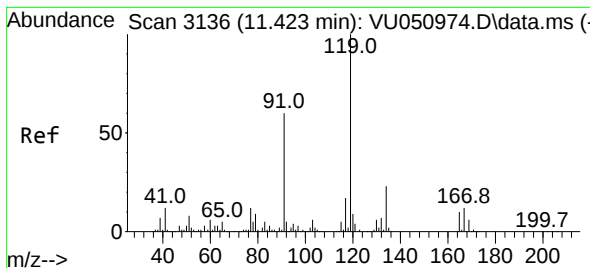
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#60  
1,1,1,2-Tetrachloroethane  
Concen: 11.094 ug/l  
RT: 9.529 min Scan# 2547  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Tgt Ion:131 Resp: 105714  
Ion Ratio Lower Upper  
131 100  
133 94.1 77.8 116.6  
119 69.5 55.2 82.8





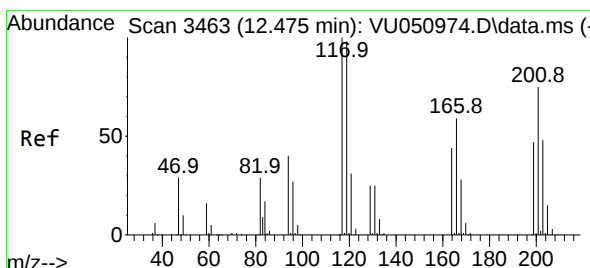
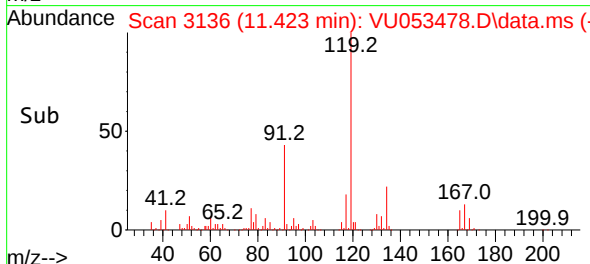
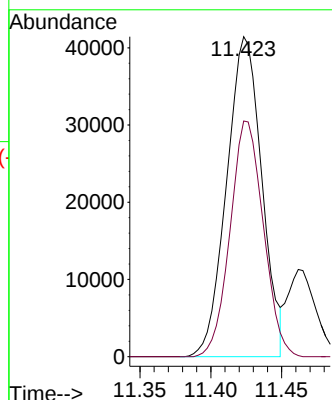
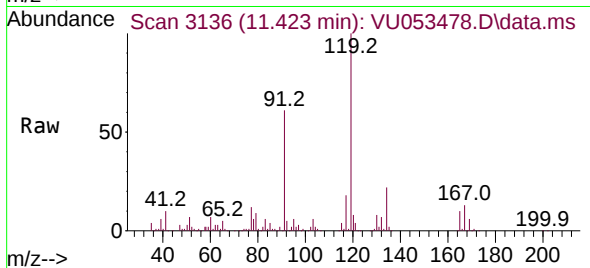
#61  
Pentachloroethane  
Concen: 10.680 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:117 Resp: 7150  
Ion Ratio Lower Upper  
117 100  
167 69.6 56.7 85.1

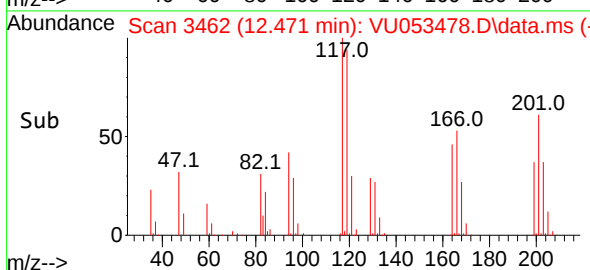
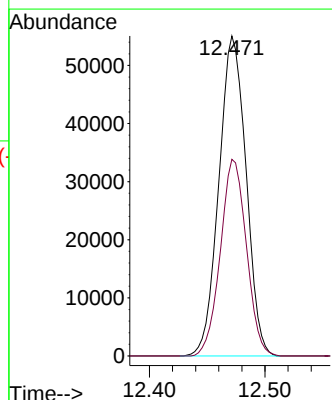
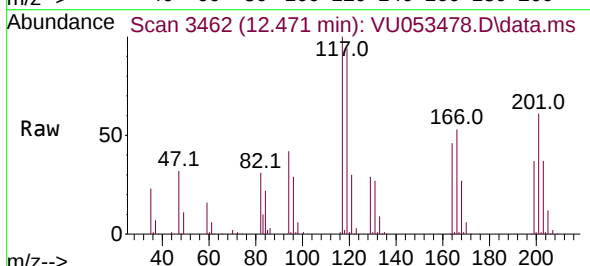
Manual Integrations  
APPROVED

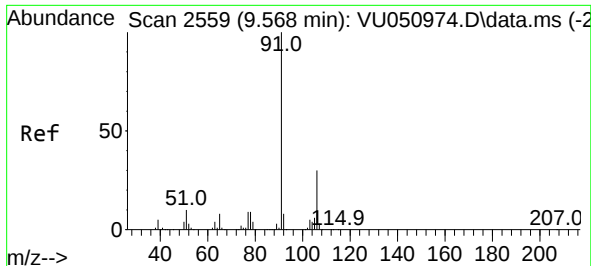
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#62  
Hexachloroethane  
Concen: 9.673 ug/l  
RT: 12.471 min Scan# 3462  
Delta R.T. -0.004 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Tgt Ion:117 Resp: 89872  
Ion Ratio Lower Upper  
117 100  
201 59.0 59.6 89.4#





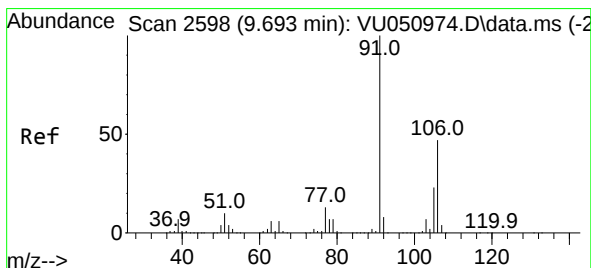
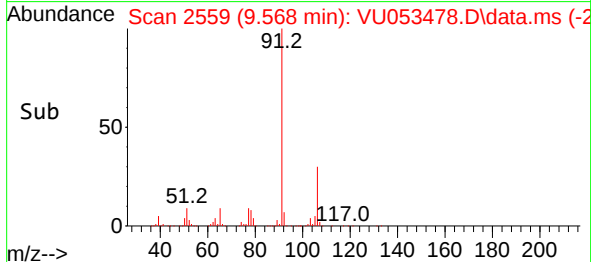
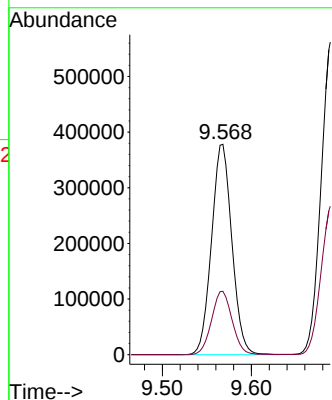
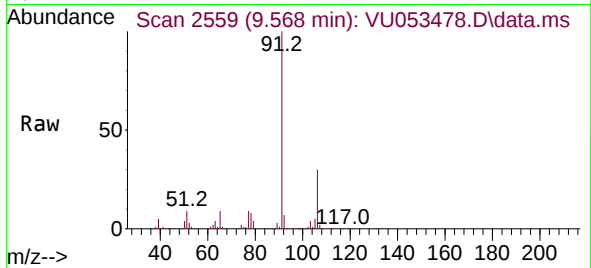
#63  
Ethyl Benzene  
Concen: 10.906 ug/l  
RT: 9.568 min Scan# 2559  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Instrument : MSVOA\_U  
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 599660  
Ion Ratio Lower Upper  
91 100  
106 30.1 24.2 36.2

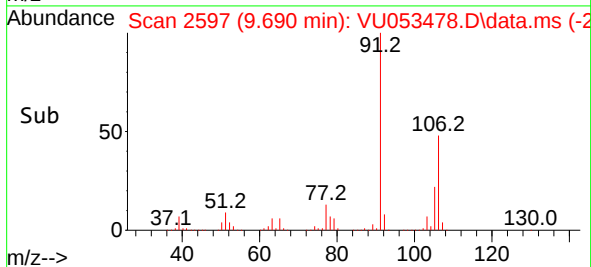
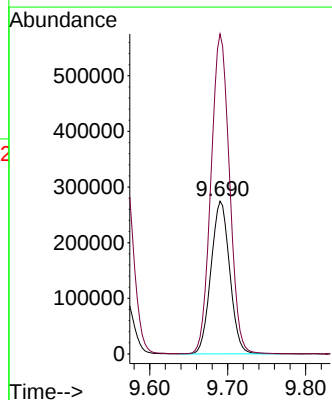
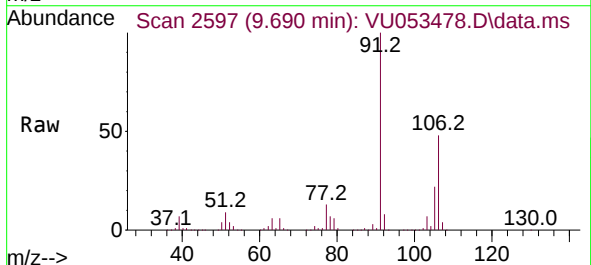
Manual Integrations  
APPROVED

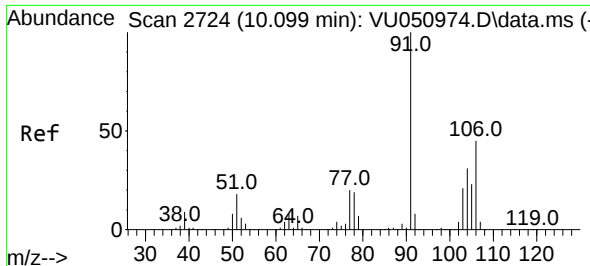
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#64  
m/p-Xylenes  
Concen: 21.744 ug/l  
RT: 9.690 min Scan# 2597  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Tgt Ion:106 Resp: 457102  
Ion Ratio Lower Upper  
106 100  
91 208.0 167.3 250.9





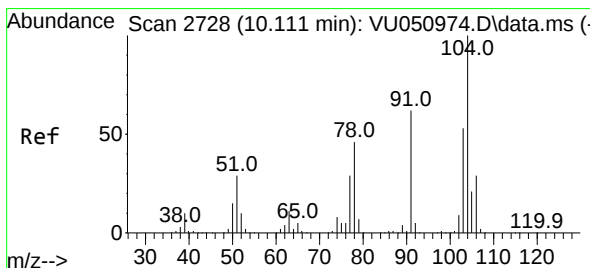
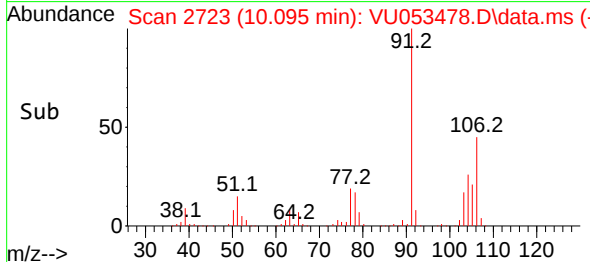
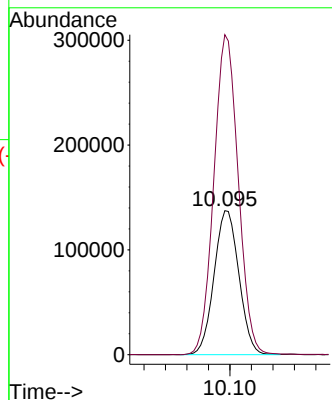
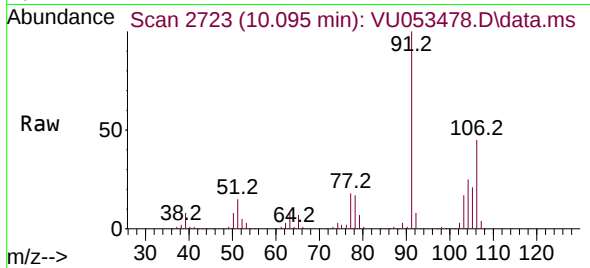
#65  
o-Xylene  
Concen: 10.707 ug/l  
RT: 10.095 min Scan# 2723  
Delta R.T. -0.004 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:106 Resp: 220279  
Ion Ratio Lower Upper  
106 100  
91 218.5 109.3 327.9

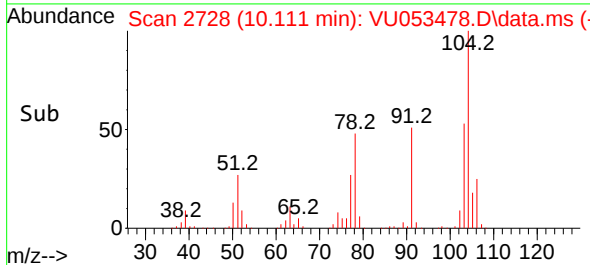
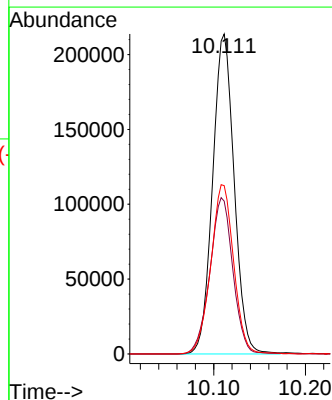
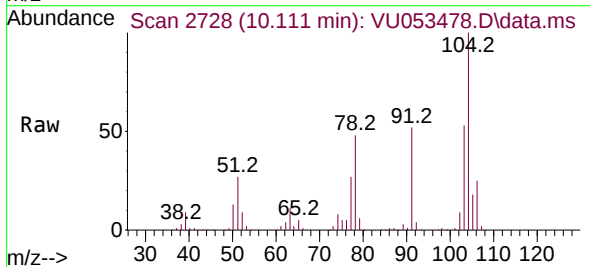
Manual Integrations  
APPROVED

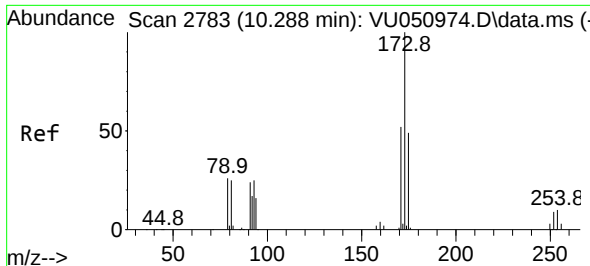
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#66  
Styrene  
Concen: 11.026 ug/l  
RT: 10.111 min Scan# 2728  
Delta R.T. 0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

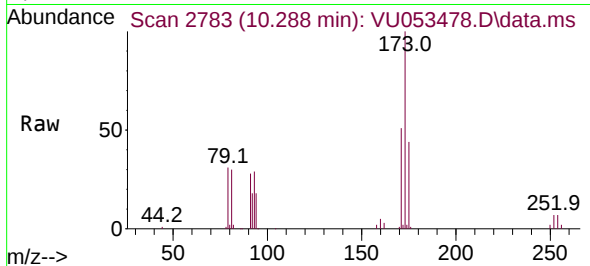
Tgt Ion:104 Resp: 348726  
Ion Ratio Lower Upper  
104 100  
78 52.2 39.7 59.5  
103 56.3 44.8 67.2





#67  
Bromoform  
Concen: 9.474 ug/l  
RT: 10.288 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

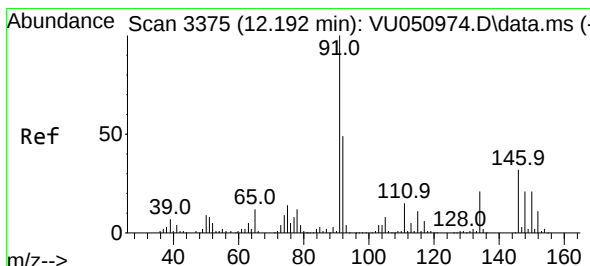
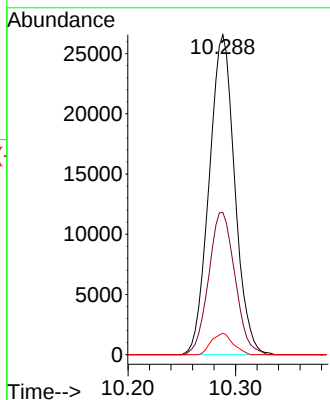
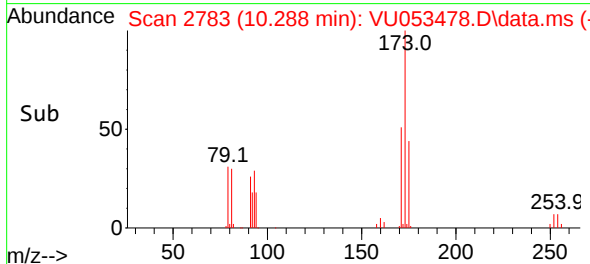
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



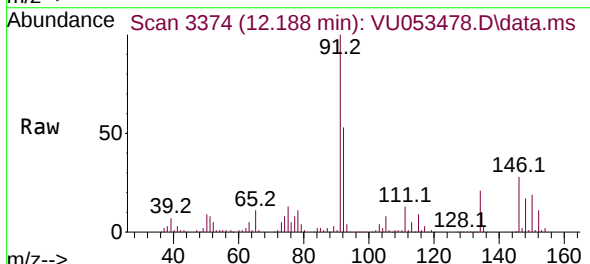
Tgt Ion:173 Resp: 43898  
Ion Ratio Lower Upper  
173 100  
175 45.8 39.0 58.6  
254 5.6 7.4 11.0

Manual Integrations  
APPROVED

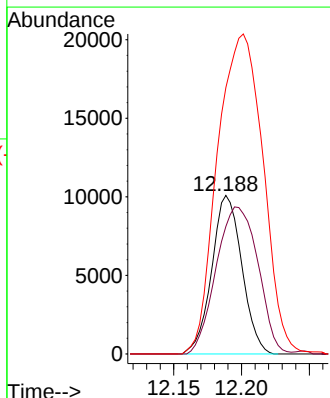
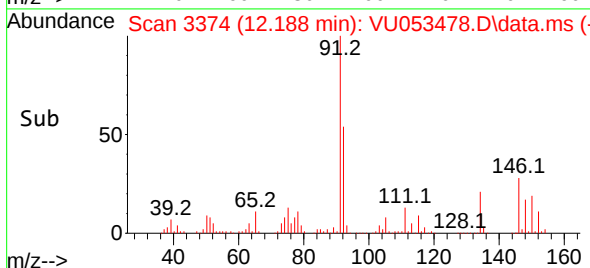
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

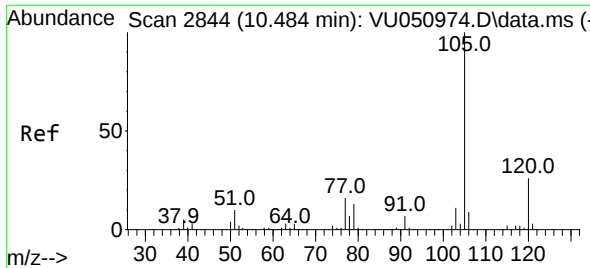


#68  
1,2-Dichlorobenzene-d4  
Concen: 1.047 ug/l  
RT: 12.188 min Scan# 3374  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53



Tgt Ion:152 Resp: 15610  
Ion Ratio Lower Upper  
152 100  
115 128.6 0.0 308.8  
150 305.6 0.0 635.0





#69  
Isopropylbenzene  
Concen: 10.829 ug/l  
RT: 10.481 min Scan# 2844  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

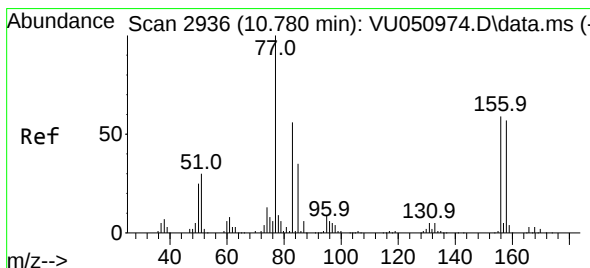
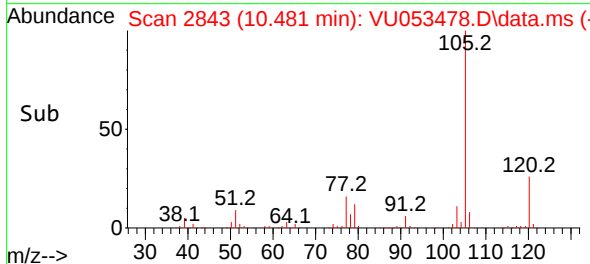
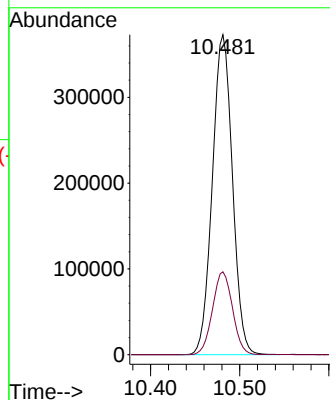
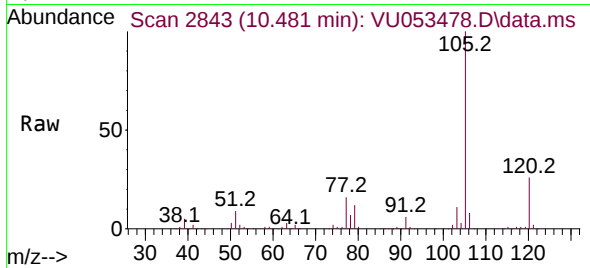
Tgt Ion:105 Resp: 583349  
Ion Ratio Lower Upper  
105 100  
120 25.8 12.8 38.4

Manual Integrations

APPROVED

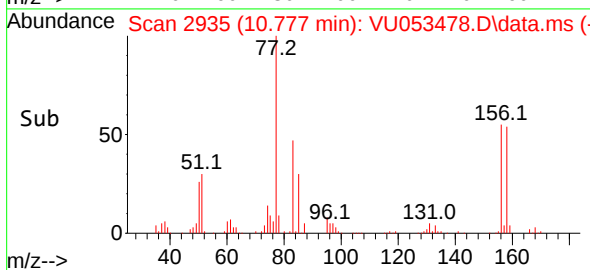
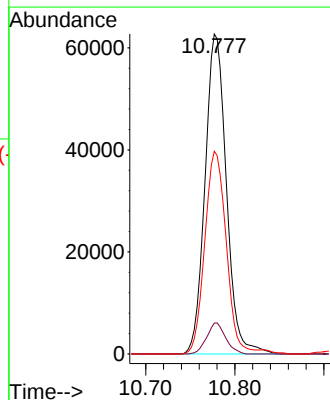
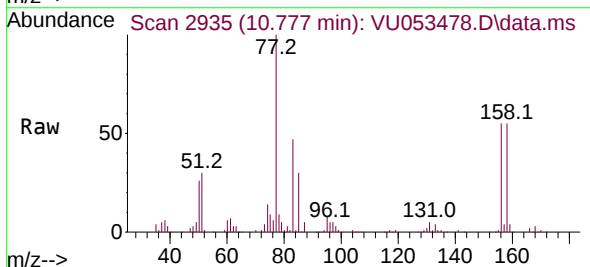
Reviewed By :Krupa Patel 04/07/2023

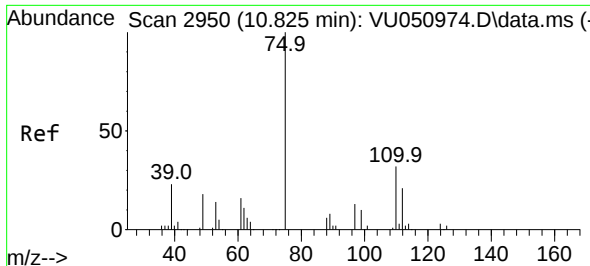
Supervised By :Mahesh Dadoda 04/07/2023



#70  
1,1,2,2-Tetrachloroethane  
Concen: 10.540 ug/l  
RT: 10.777 min Scan# 2935  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

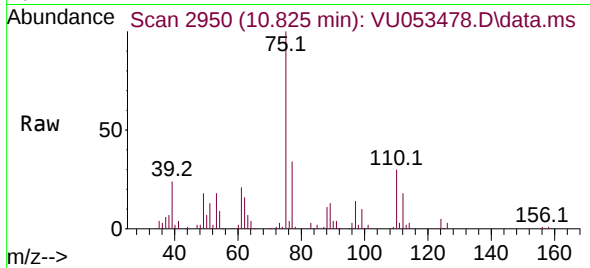
Tgt Ion: 83 Resp: 104349  
Ion Ratio Lower Upper  
83 100  
131 8.6 7.2 10.8  
85 63.4 50.5 75.7





#71  
1,2,3-Trichloropropane  
Concen: 11.127 ug/l m  
RT: 10.825 min Scan# 2950  
Delta R.T. 0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

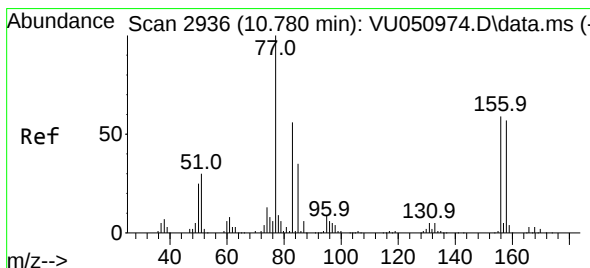
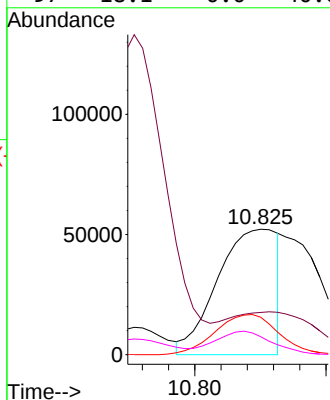
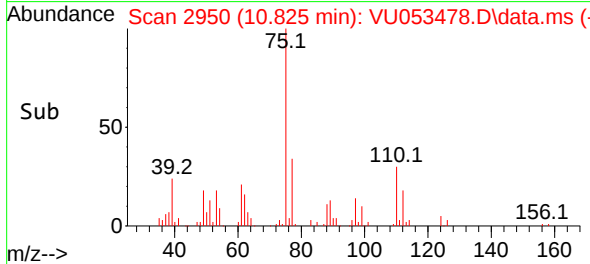
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



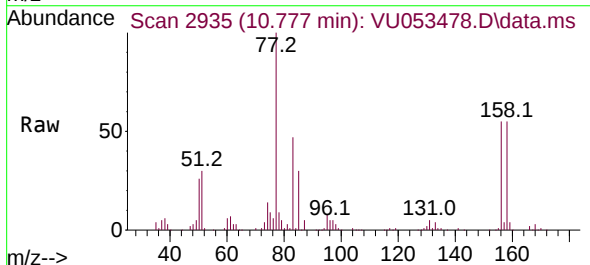
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 8317  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 116.4 |
| 110       | 33.8  | 0.0   | 74.6  |
| 97        | 18.1  | 0.0   | 40.0  |

Manual Integrations  
APPROVED

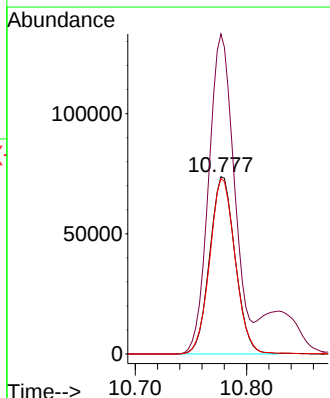
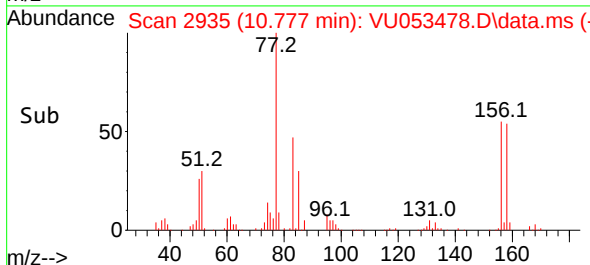
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

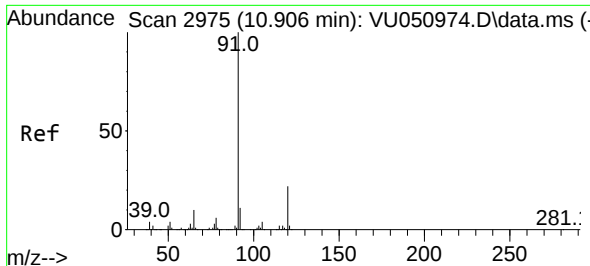


#72  
Bromobenzene  
Concen: 10.385 ug/l  
RT: 10.777 min Scan# 2935  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53



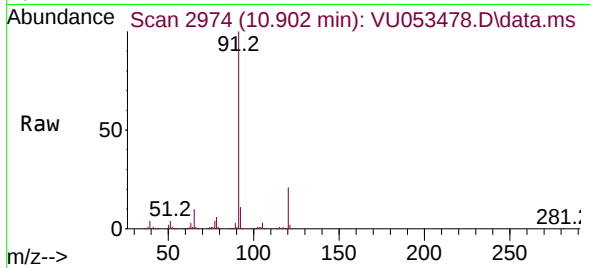
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 156   | Resp: | 117199 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 181.7 | 0.0   | 343.0  |
| 158       | 99.1  | 0.0   | 194.8  |





#73  
n-propylbenzene  
Concen: 11.161 ug/l  
RT: 10.902 min Scan# 2975  
Delta R.T. -0.004 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

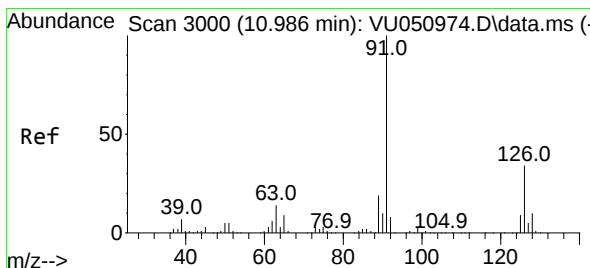
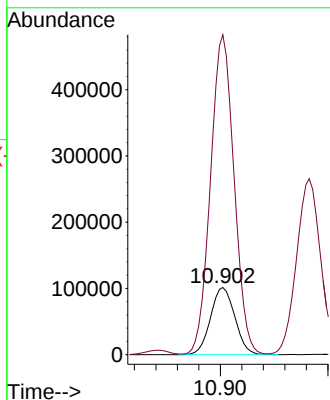
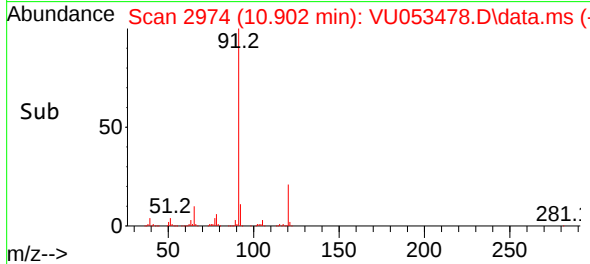
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion:120 Resp: 15883  
Ion Ratio Lower Upper  
120 100  
91 461.0 369.8 554.6

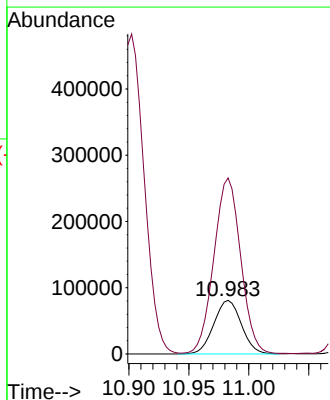
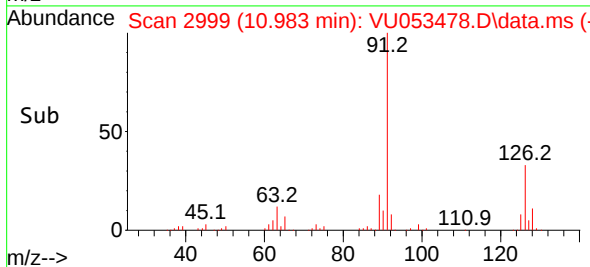
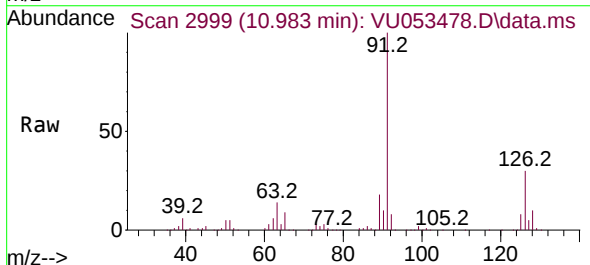
Manual Integrations  
APPROVED

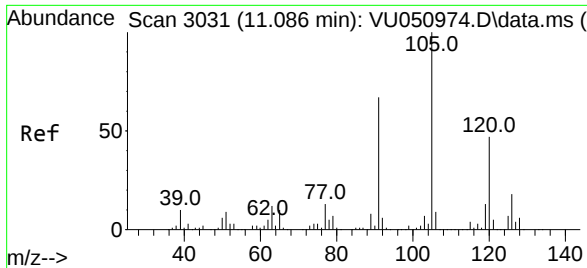
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#74  
2-Chlorotoluene  
Concen: 10.486 ug/l  
RT: 10.983 min Scan# 2999  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Tgt Ion:126 Resp: 129020  
Ion Ratio Lower Upper  
126 100  
91 319.0 0.0 610.0





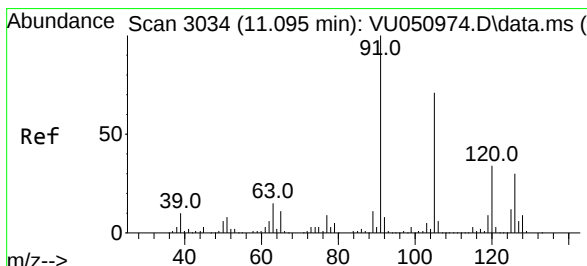
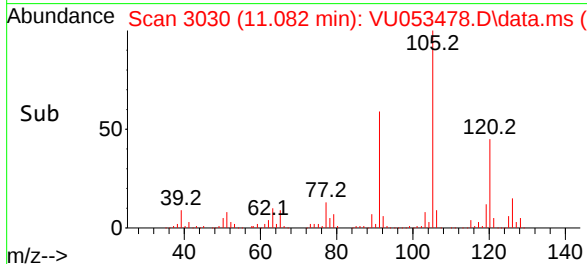
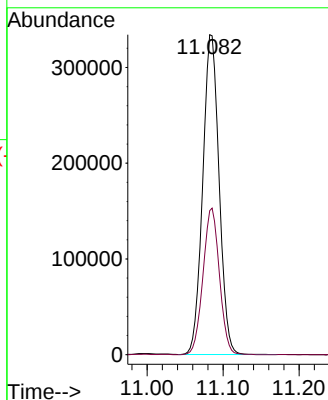
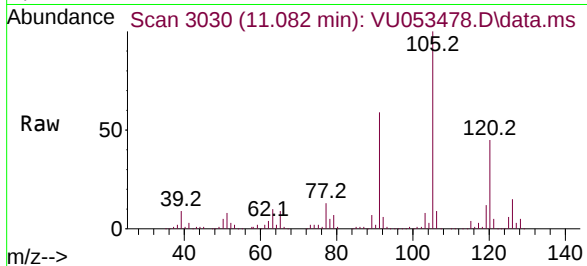
#75  
1,3,5-Trimethylbenzene  
Concen: 11.045 ug/l  
RT: 11.082 min Scan# 3030  
Delta R.T. -0.004 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:105 Resp: 499604  
Ion Ratio Lower Upper  
105 100  
120 45.9 37.8 56.8

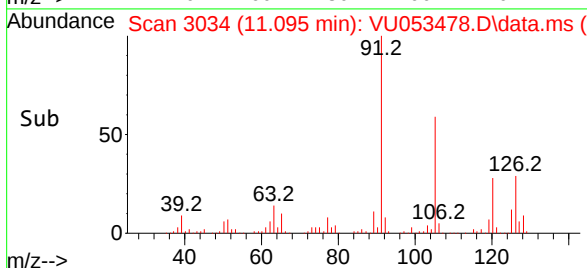
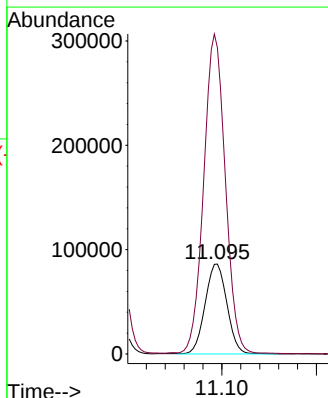
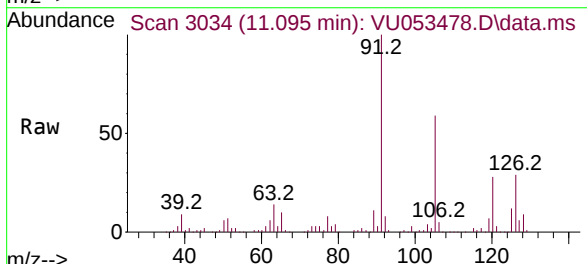
Manual Integrations  
APPROVED

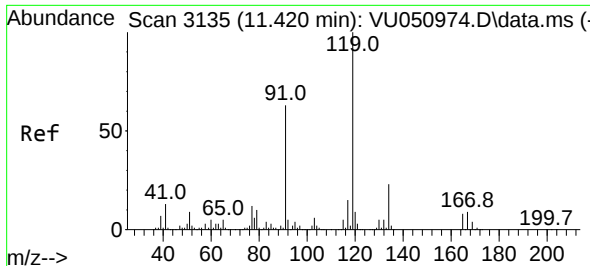
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#76  
4-Chlorotoluene  
Concen: 10.809 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

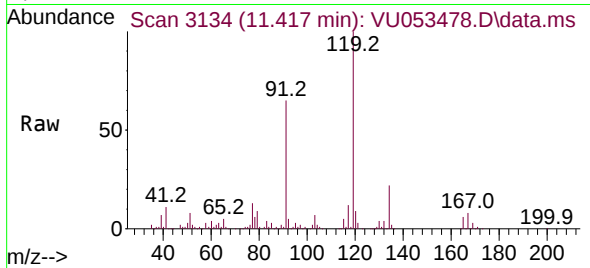
Tgt Ion:126 Resp: 138088  
Ion Ratio Lower Upper  
126 100  
91 352.8 0.0 686.2





#77  
tert-Butylbenzene  
Concen: 10.878 ug/l  
RT: 11.417 min Scan# 3135  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

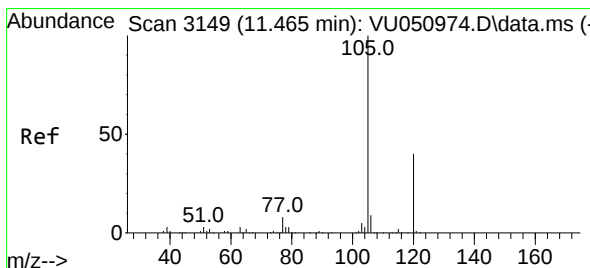
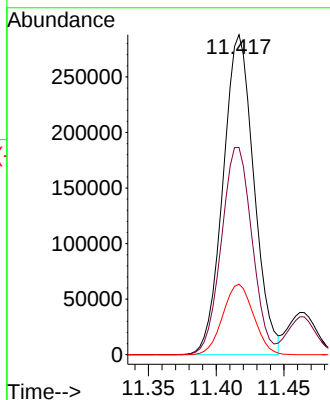
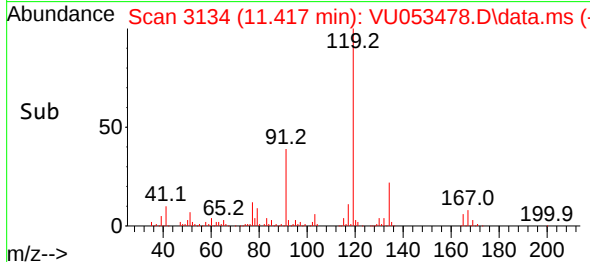
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion:119 Resp: 456090  
Ion Ratio Lower Upper  
119 100  
91 64.4 30.8 92.4  
134 21.9 18.0 27.0

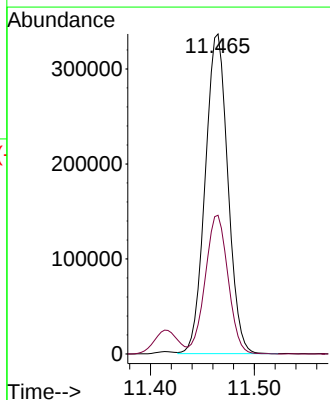
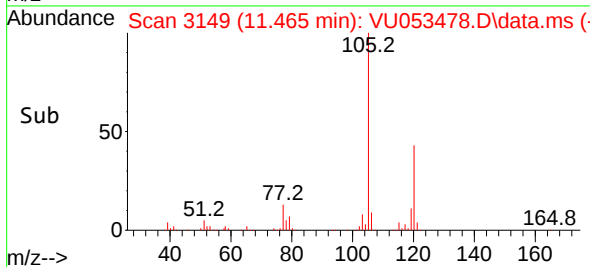
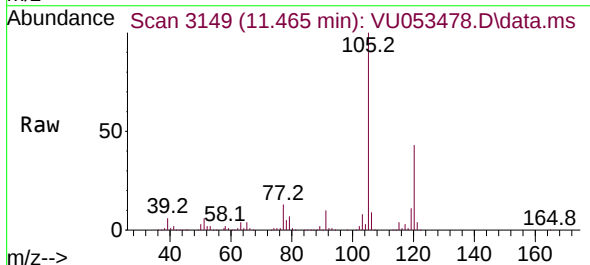
Manual Integrations  
APPROVED

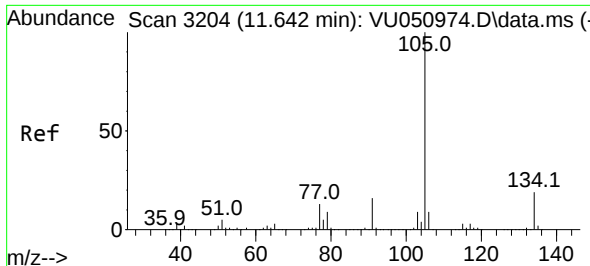
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#78  
1,2,4-Trimethylbenzene  
Concen: 11.068 ug/l  
RT: 11.465 min Scan# 3149  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Tgt Ion:105 Resp: 509874  
Ion Ratio Lower Upper  
105 100  
120 43.7 21.9 65.8





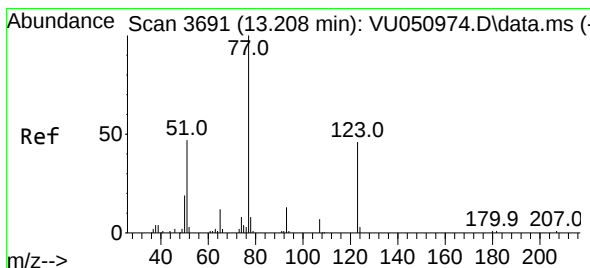
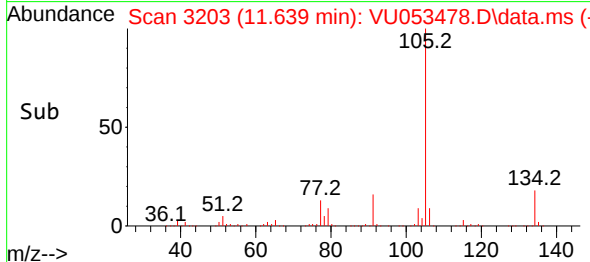
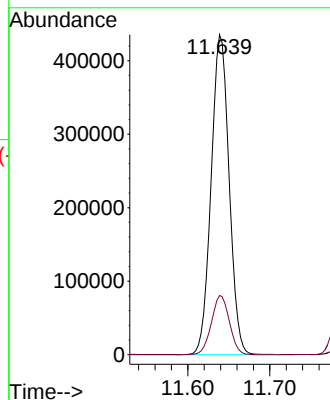
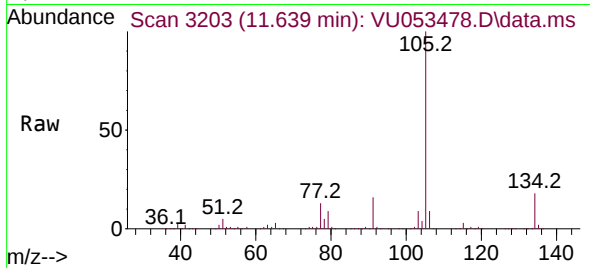
#79  
sec-Butylbenzene  
Concen: 10.983 ug/l  
RT: 11.639 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:105 Resp: 663250  
Ion Ratio Lower Upper  
105 100  
134 18.5 14.9 22.3

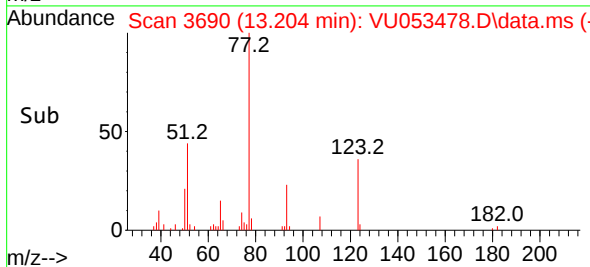
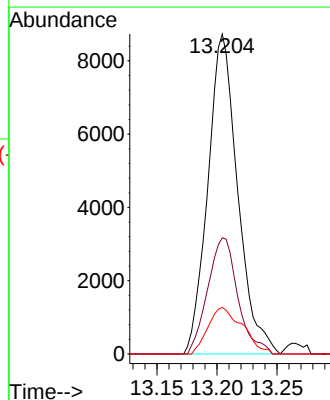
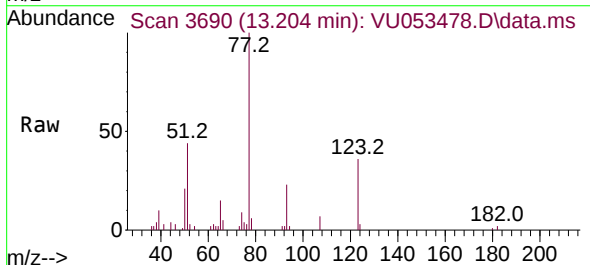
Manual Integrations  
APPROVED

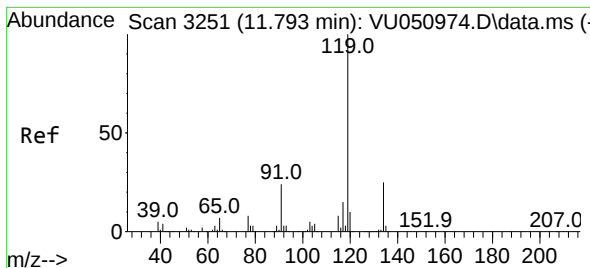
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#80  
Nitrobenzene  
Concen: 60.576 ug/l  
RT: 13.204 min Scan# 3690  
Delta R.T. -0.004 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

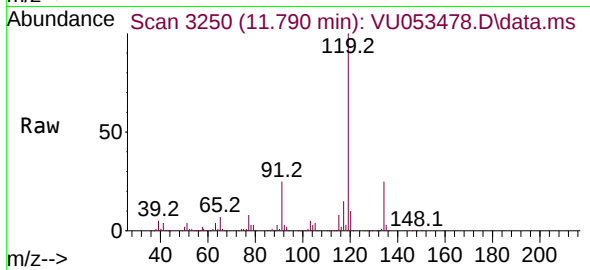
Tgt Ion: 77 Resp: 15067  
Ion Ratio Lower Upper  
77 100  
123 36.7 19.7 69.7  
65 16.9 11.5 14.7#





#81  
p-Isopropyltoluene  
Concen: 11.262 ug/l  
RT: 11.790 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

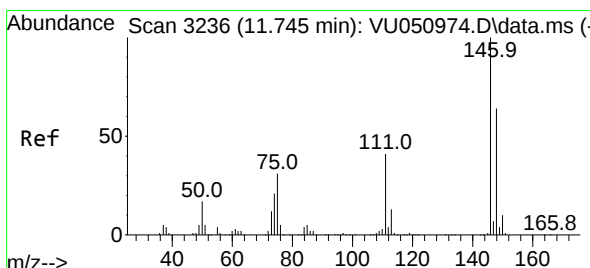
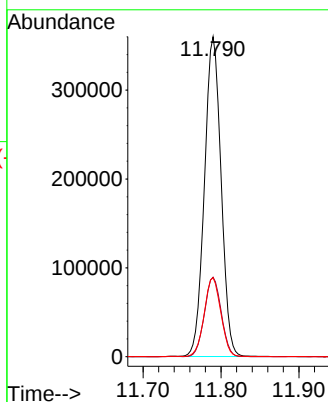
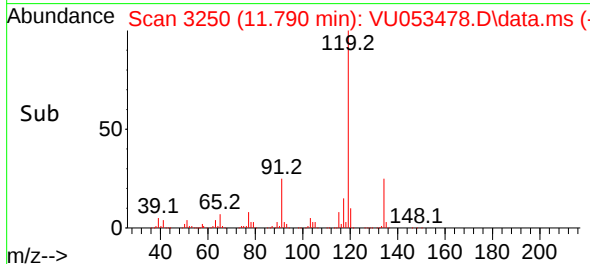
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



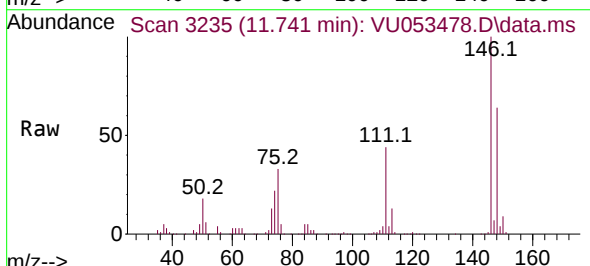
Tgt Ion:119 Resp: 53423  
Ion Ratio Lower Upper  
119 100  
134 25.0 20.2 30.4  
91 24.6 19.3 28.9

Manual Integrations  
APPROVED

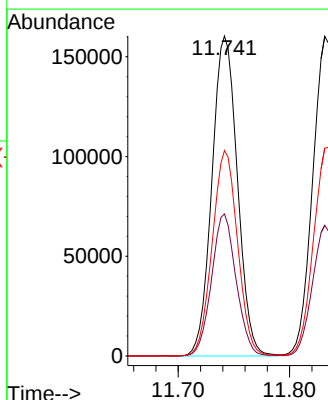
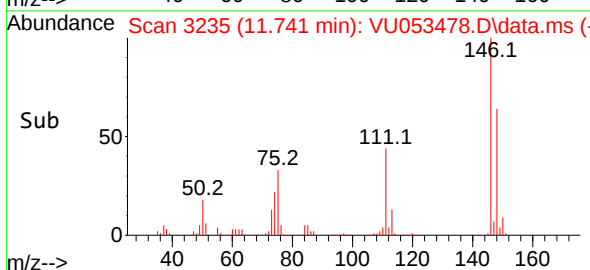
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

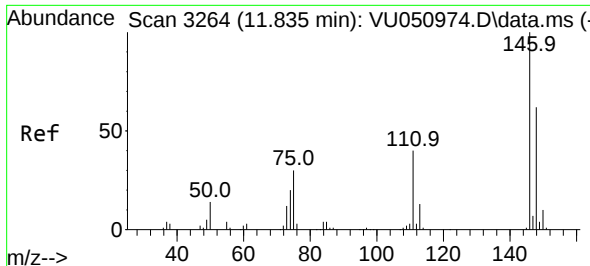


#82  
1,3-Dichlorobenzene  
Concen: 10.607 ug/l  
RT: 11.741 min Scan# 3235  
Delta R.T. -0.004 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53



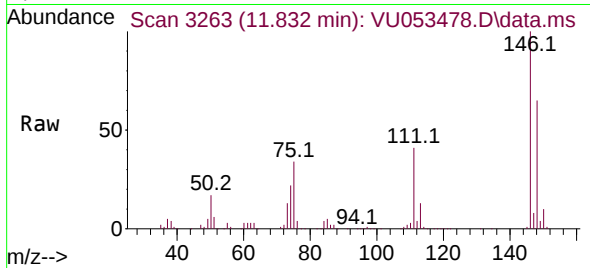
Tgt Ion:146 Resp: 255115  
Ion Ratio Lower Upper  
146 100  
111 42.9 32.6 49.0  
148 63.9 51.0 76.4





#83  
1,4-Dichlorobenzene  
Concen: 10.603 ug/l  
RT: 11.832 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

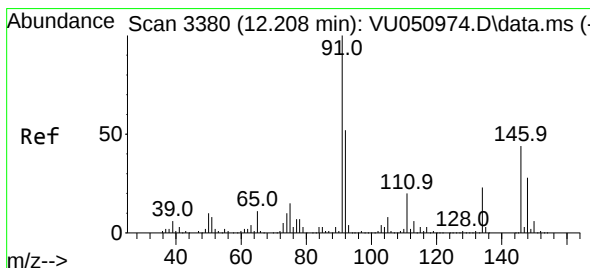
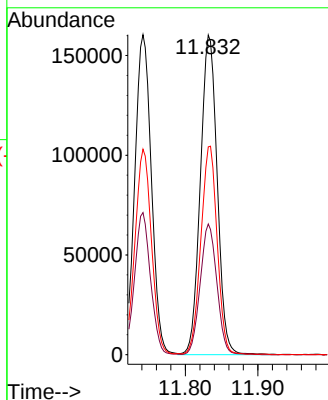
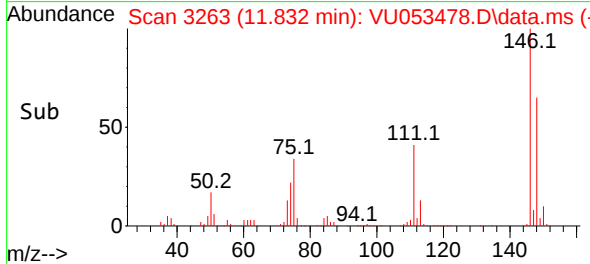
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



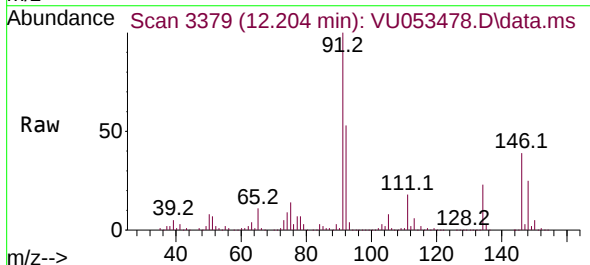
Tgt Ion:146 Resp: 258050  
Ion Ratio Lower Upper  
146 100  
111 40.5 31.6 47.4  
148 62.8 50.3 75.5

Manual Integrations  
APPROVED

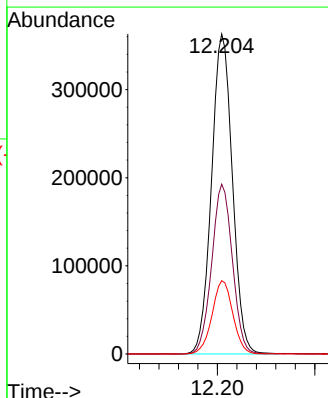
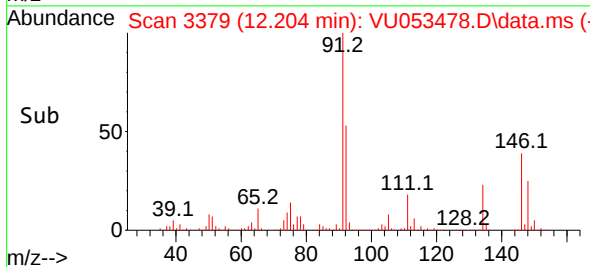
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

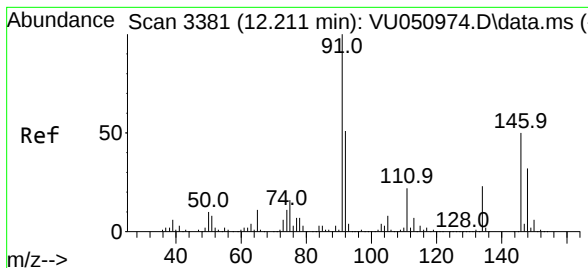


#84  
n-Butylbenzene  
Concen: 11.526 ug/l  
RT: 12.204 min Scan# 3379  
Delta R.T. -0.004 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53



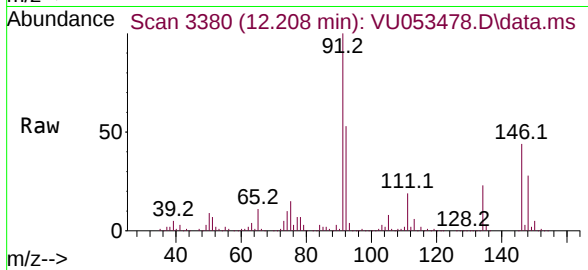
Tgt Ion: 91 Resp: 540216  
Ion Ratio Lower Upper  
91 100  
92 52.6 40.8 61.2  
134 22.8 18.4 27.6





#85  
1,2-Dichlorobenzene  
Concen: 10.452 ug/l  
RT: 12.208 min Scan# 311  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

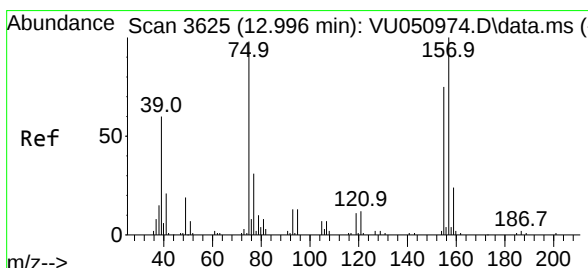
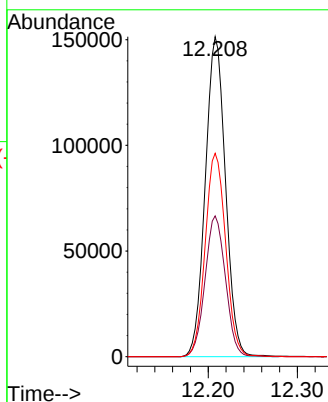
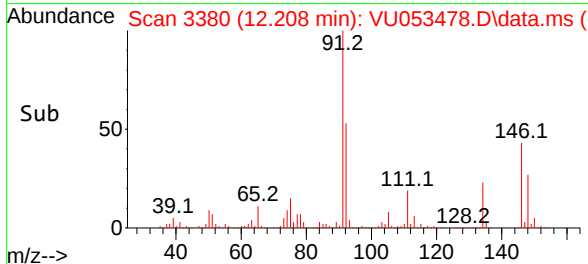
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



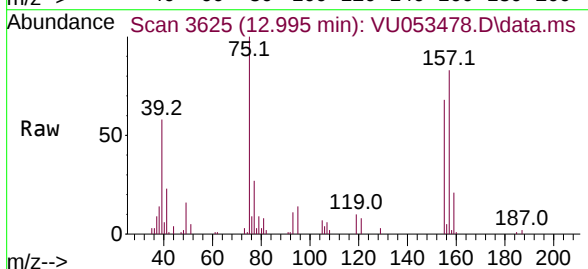
Tgt Ion:146 Resp: 238210  
Ion Ratio Lower Upper  
146 100  
111 44.5 21.6 64.6  
148 64.4 32.1 96.5

Manual Integrations  
APPROVED

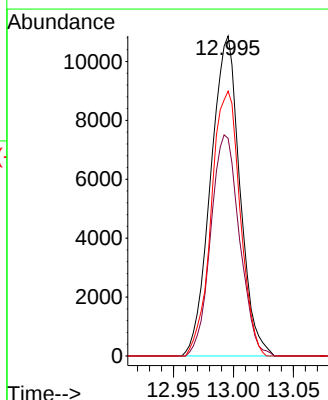
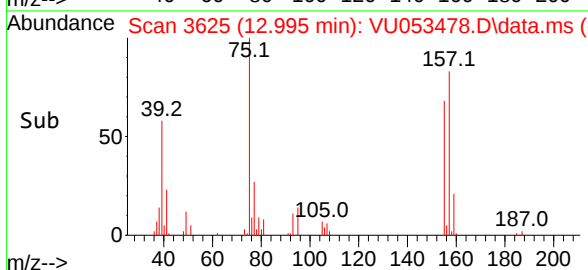
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023

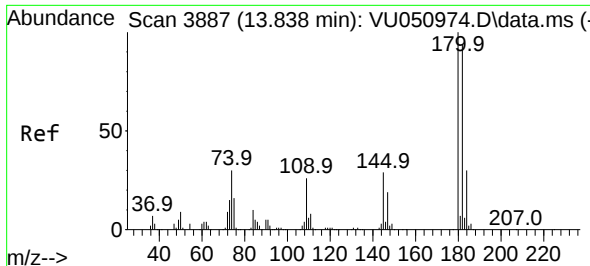


#86  
1,2-Dibromo-3-Chloropropane  
Concen: 12.204 ug/l  
RT: 12.995 min Scan# 3625  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53



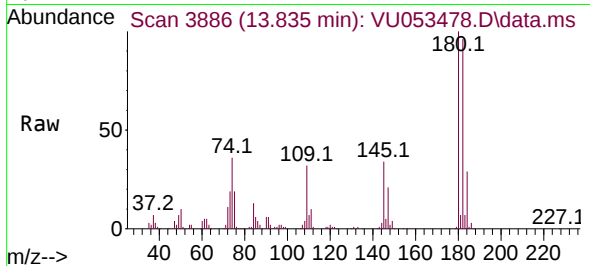
Tgt Ion: 75 Resp: 18349  
Ion Ratio Lower Upper  
75 100  
155 68.0 61.8 92.8  
157 81.6 80.2 120.4





#87  
1,2,4-Trichlorobenzene  
Concen: 10.632 ug/l  
RT: 13.835 min Scan# 3886  
Delta R.T. -0.003 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

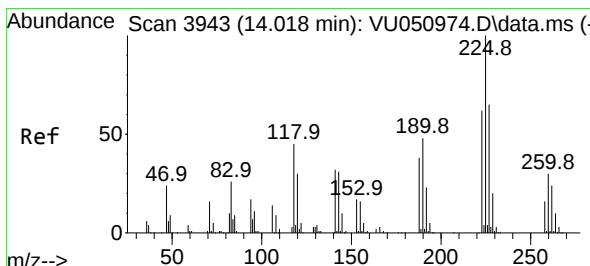
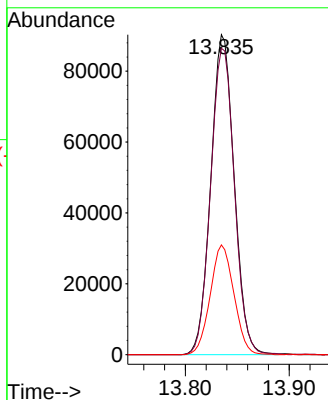
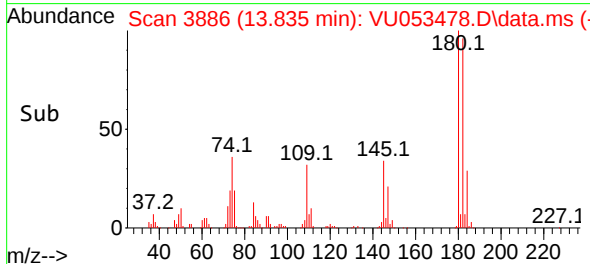
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion:180 Resp: 141335  
Ion Ratio Lower Upper  
180 100  
182 97.2 75.8 113.6  
145 34.7 23.9 35.9

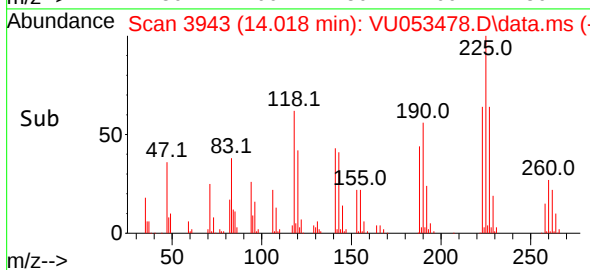
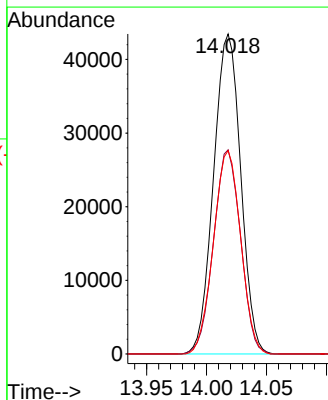
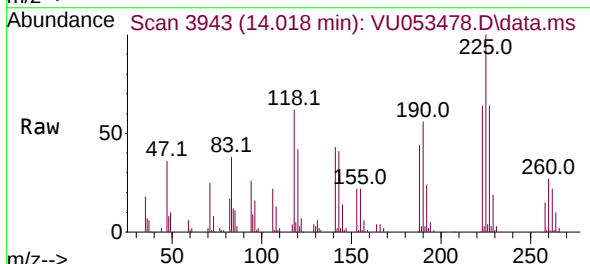
Manual Integrations  
APPROVED

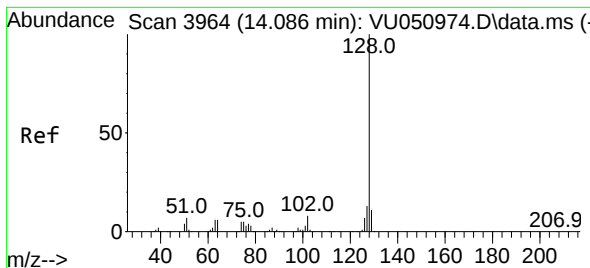
Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#88  
Hexachlorobutadiene  
Concen: 10.758 ug/l  
RT: 14.018 min Scan# 3943  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

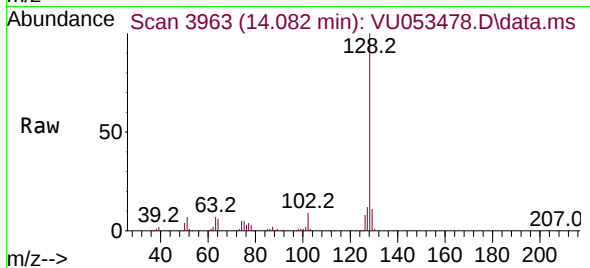
Tgt Ion:225 Resp: 68394  
Ion Ratio Lower Upper  
225 100  
223 63.4 50.2 75.4  
227 63.7 51.5 77.3





#89  
Naphthalene  
Concen: 10.520 ug/l  
RT: 14.082 min Scan# 3964  
Delta R.T. -0.004 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53

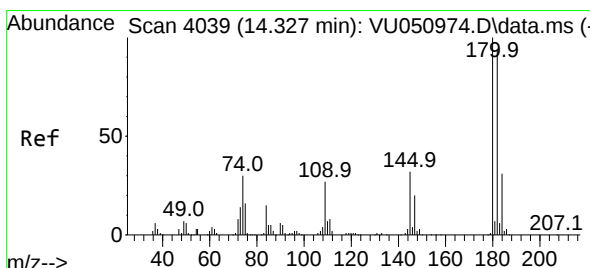
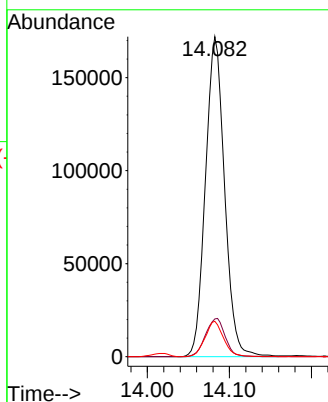
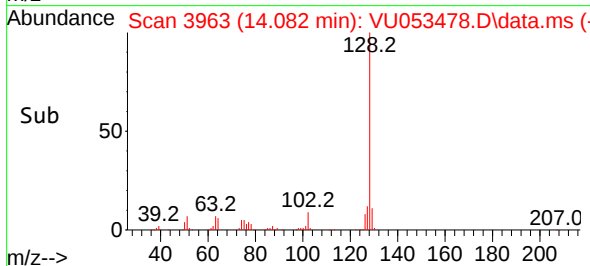
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



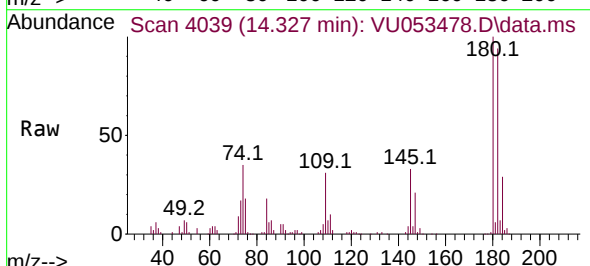
Tgt Ion:128 Resp: 278300  
Ion Ratio Lower Upper  
128 100  
127 12.3 10.9 16.3  
129 10.8 8.6 12.8

Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 04/07/2023  
Supervised By :Mahesh Dadoda 04/07/2023



#90  
1,2,3-Trichlorobenzene  
Concen: 11.050 ug/l  
RT: 14.327 min Scan# 4039  
Delta R.T. -0.000 min  
Lab File: VU053478.D  
Acq: 30 Mar 2023 09:53



Tgt Ion:180 Resp: 126554  
Ion Ratio Lower Upper  
180 100  
182 95.2 75.7 113.5  
145 34.5 26.1 39.1

