

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU013124\  
 Data File : VU057766.D  
 Acq On : 31 Jan 2024 17:21  
 Operator : MD/SY  
 Sample : VSTDICV010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICSVU013124

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024  
 Supervised By :Semsettin Yesilyurt 02/01/2024

Quant Time: Feb 01 11:08:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U013124DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Feb 01 02:02:36 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|------------------------------|--------|------|----------|---------|---------|----------|
| -----                        |        |      |          |         |         |          |
| Internal Standards           |        |      |          |         |         |          |
| 1) Fluorobenzene             | 6.110  | 96   | 43931    | 1.000   | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |         |         |          |
| 57) 4-Bromofluorobenzene     | 10.631 | 95   | 16480    | 0.991   | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 99.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.187 | 152  | 14599    | 0.975   | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 97.000% |          |
| Target Compounds             |        |      |          |         |         |          |
|                              |        |      |          |         |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.383  | 85   | 78163    | 5.343   | ug/l    | 100      |
| 3) Chloromethane             | 1.518  | 50   | 104192   | 7.423   | ug/l    | 99       |
| 4) Vinyl Chloride            | 1.602  | 62   | 118174   | 8.257   | ug/l    | 99       |
| 5) Bromomethane              | 1.856  | 94   | 76870    | 9.050   | ug/l    | 99       |
| 6) Chloroethane              | 1.930  | 64   | 85602    | 9.468   | ug/l    | 98       |
| 7) Trichlorofluoromethane    | 2.132  | 101  | 194415   | 8.871   | ug/l    | 99       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.576  | 101  | 114895   | 10.197  | ug/l    | 97       |
| 9) 1,1-Dichloroethene        | 2.576  | 96   | 110899   | 10.157  | ug/l    | 97       |
| 10) Iodomethane              | 2.718  | 142  | 136255   | 10.612  | ug/l    | 95       |
| 11) Allyl Chloride           | 2.917  | 41   | 164824   | 11.130  | ug/l    | 90       |
| 12) Acrylonitrile            | 3.313  | 53   | 103693   | 55.651  | ug/l    | 98       |
| 13) Acetone                  | 2.637  | 43   | 139694   | 41.425  | ug/l    | 96       |
| 14) Carbon Disulfide         | 2.788  | 76   | 336459   | 9.628   | ug/l    | 100      |
| 15) Methylene Chloride       | 3.039  | 84   | 122306   | 9.379   | ug/l    | 98       |
| 16) trans-1,2-Dichloroethene | 3.348  | 96   | 122186   | 10.250  | ug/l    | 96       |
| 17) 1,1-Dichloroethane       | 3.859  | 63   | 234003   | 10.398  | ug/l    | 99       |
| 18) 2-Butanone               | 4.702  | 43   | 160510   | 44.161  | ug/l    | 98       |
| 19) Cyclohexane              | 5.380  | 56   | 170709   | 9.680   | ug/l    | 87       |
| 20) Methylcyclohexane        | 6.756  | 83   | 221480   | 10.392  | ug/l    | 97       |
| 21) 2,2-Dichloropropane      | 4.657  | 77   | 212333   | 10.626  | ug/l    | 97       |
| 22) cis-1,2-Dichloroethene   | 4.660  | 96   | 139406   | 10.678  | ug/l    | 95       |
| 23) Diethyl Ether            | 2.370  | 59   | 76013    | 9.645   | ug/l    | 98       |
| 24) tert-Butyl Alcohol       | 3.232  | 59   | 49351m   | 55.066  | ug/l    |          |
| 25) Methyl tert-Butyl Ether  | 3.354  | 73   | 272592   | 10.640  | ug/l    | 94       |
| 26) Bromochloromethane       | 4.965  | 128  | 53327    | 10.168  | ug/l    | 98       |
| 27) Chloroform               | 5.078  | 83   | 241158   | 10.308  | ug/l    | 98       |
| 28) 1,1,1-Trichloroethane    | 5.309  | 97   | 216559   | 10.251  | ug/l    | 99       |
| 29) 1,1-Dichloropropene      | 5.518  | 75   | 182367   | 10.670  | ug/l    | 98       |
| 30) Carbon Tetrachloride     | 5.518  | 117  | 189426   | 10.407  | ug/l    | 99       |
| 31) Isopropyl Ether          | 3.981  | 45   | 353489   | 10.735  | ug/l    | # 1      |
| 34) Propionitrile            | 4.779  | 54   | 83163    | 110.398 | ug/l    | # 15     |
| 35) Benzene                  | 5.766  | 78   | 518757   | 10.542  | ug/l    | 99       |
| 36) 1,2-Dichloroethane       | 5.785  | 62   | 148863   | 10.381  | ug/l    | 97       |
| 37) Trichloroethene          | 6.534  | 130  | 133171   | 10.190  | ug/l    | 99       |
| 38) 1,2-Dichloropropane      | 6.785  | 63   | 129798   | 10.172  | ug/l    | 98       |
| 39) Methacrylonitrile        | 4.965  | 41   | 32392    | 10.788  | ug/l    | 96       |
| 40) Methyl acrylate          | 4.840  | 55   | 59576    | 9.765   | ug/l    | 99       |
| 41) Tetrahydrofuran          | 5.049  | 42   | 84206    | 52.528  | ug/l    | 100      |
| 42) 1-Chlorobutane           | 5.451  | 56   | 241444   | 10.715  | ug/l    | 97       |
| 43) Dibromomethane           | 6.914  | 93   | 64779    | 11.039  | ug/l    | 97       |
| 44) Bromodichloromethane     | 7.097  | 83   | 175968   | 10.710  | ug/l    | 99       |
| 45) 4-Methyl-2-Pentanone     | 7.782  | 43   | 332520   | 53.172  | ug/l    | 98       |
| 46) t-1,4-Dichloro-2-butene  | 10.817 | 75   | 53645m   | 31.265  | ug/l    |          |

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 QLast Update : Thu Feb 01 02:02:36 2024  
 Response via : Initial Calibration

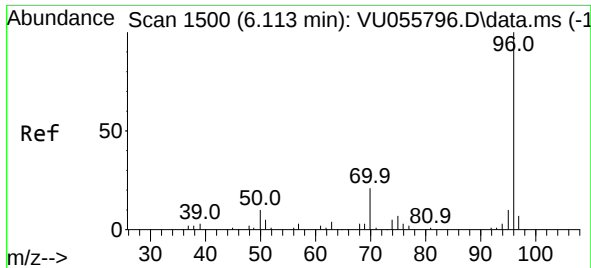
### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024  
 Supervised By :Semsettin Yesilyurt 02/01/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 47) Methyl methacrylate       | 6.955  | 69   | 55113    | 10.632 | ug/l # | 93       |
| 48) Ethyl methacrylate        | 8.328  | 69   | 115039   | 11.072 | ug/l   | 97       |
| 49) Toluene                   | 7.962  | 92   | 322905   | 10.742 | ug/l   | 97       |
| 50) t-1,3-Dichloropropene     | 8.203  | 75   | 161338   | 11.375 | ug/l   | 100      |
| 51) cis-1,3-Dichloropropene   | 7.602  | 75   | 197844   | 11.012 | ug/l   | 95       |
| 52) 1,1,2-Trichloroethane     | 8.393  | 97   | 86799    | 10.735 | ug/l   | 99       |
| 53) 1,3-Dichloropropane       | 8.570  | 76   | 153759   | 10.580 | ug/l   | 99       |
| 54) 2-Hexanone                | 8.679  | 43   | 275089   | 47.784 | ug/l   | 98       |
| 55) Dibromochloromethane      | 8.804  | 129  | 106093   | 10.601 | ug/l   | 100      |
| 56) 1,2-Dibromoethane         | 8.917  | 107  | 82485    | 11.085 | ug/l   | 98       |
| 58) Tetrachloroethene         | 8.547  | 164  | 119395   | 10.354 | ug/l   | 94       |
| 59) Chlorobenzene             | 9.441  | 112  | 339384   | 10.211 | ug/l   | 100      |
| 60) 1,1,1,2-Tetrachloroethane | 9.528  | 131  | 121670   | 10.784 | ug/l   | 97       |
| 61) Pentachloroethane         | 11.422 | 117  | 91915    | 11.206 | ug/l   | 86       |
| 62) Hexachloroethane          | 12.470 | 117  | 97216    | 9.025  | ug/l   | 96       |
| 63) Ethyl Benzene             | 9.563  | 91   | 645583   | 10.922 | ug/l   | 99       |
| 64) m/p-Xylenes               | 9.688  | 106  | 480597   | 22.388 | ug/l   | 97       |
| 65) o-Xylene                  | 10.094 | 106  | 233637   | 10.995 | ug/l   | 96       |
| 66) Styrene                   | 10.110 | 104  | 369408   | 11.647 | ug/l   | 97       |
| 67) Bromoform                 | 10.283 | 173  | 57376    | 11.138 | ug/l   | 99       |
| 69) Isopropylbenzene          | 10.479 | 105  | 617625   | 11.087 | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.775 | 83   | 103134   | 10.177 | ug/l   | 98       |
| 71) 1,2,3-Trichloropropane    | 10.817 | 75   | 79610m   | 8.874  | ug/l   |          |
| 72) Bromobenzene              | 10.775 | 156  | 134556   | 10.976 | ug/l   | 99       |
| 73) n-propylbenzene           | 10.901 | 120  | 161953   | 11.570 | ug/l   | 96       |
| 74) 2-Chlorotoluene           | 10.981 | 126  | 144006   | 11.090 | ug/l   | 97       |
| 75) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 535084   | 11.182 | ug/l   | 99       |
| 76) 4-Chlorotoluene           | 11.090 | 126  | 144182   | 11.048 | ug/l   | 94       |
| 77) tert-Butylbenzene         | 11.415 | 119  | 488668   | 10.883 | ug/l   | 99       |
| 78) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 523078   | 10.778 | ug/l   | 99       |
| 79) sec-Butylbenzene          | 11.637 | 105  | 618603   | 10.778 | ug/l   | 99       |
| 80) Nitrobenzene              | 13.209 | 77   | 2003     | 10.371 | ug/l # | 78       |
| 81) p-Isopropyltoluene        | 11.788 | 119  | 526754   | 10.885 | ug/l   | 98       |
| 82) 1,3-Dichlorobenzene       | 11.740 | 146  | 264496   | 10.672 | ug/l   | 98       |
| 83) 1,4-Dichlorobenzene       | 11.830 | 146  | 259578   | 10.729 | ug/l   | 98       |
| 84) n-Butylbenzene            | 12.203 | 91   | 513517   | 11.097 | ug/l   | 99       |
| 85) 1,2-Dichlorobenzene       | 12.206 | 146  | 238207   | 10.593 | ug/l   | 98       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.991 | 75   | 16281    | 9.837  | ug/l   | 94       |
| 87) 1,2,4-Trichlorobenzene    | 13.833 | 180  | 157004   | 11.685 | ug/l   | 99       |
| 88) Hexachlorobutadiene       | 14.016 | 225  | 89319    | 10.360 | ug/l   | 98       |
| 89) Naphthalene               | 14.081 | 128  | 242711   | 12.010 | ug/l   | 98       |
| 90) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 127429   | 11.400 | ug/l   | 99       |

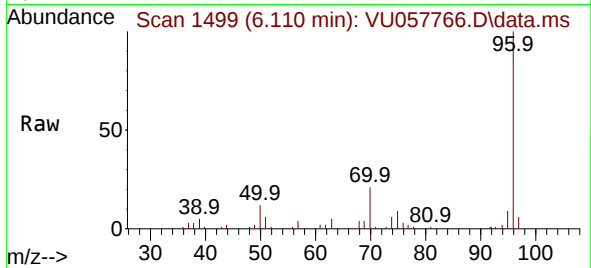
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.110 min Scan# 14  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

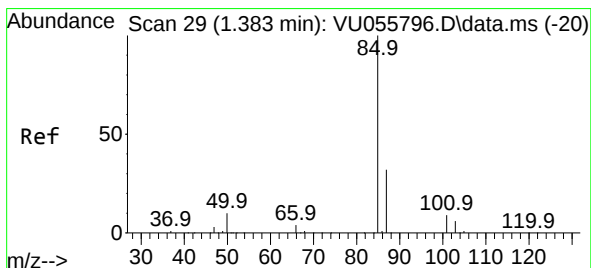
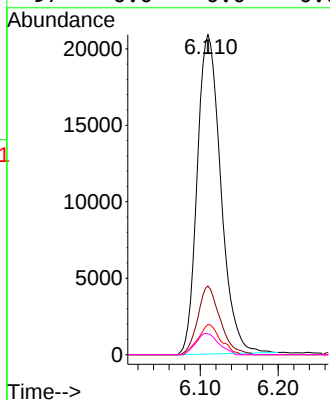
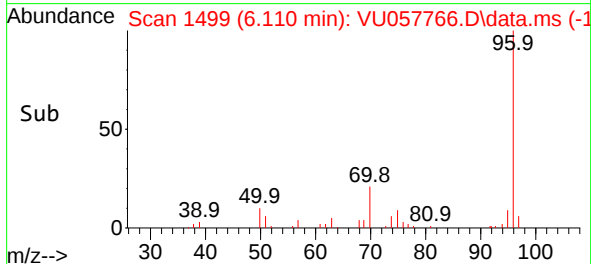
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124



Tgt Ion: 96 Resp: 4393  
Ion Ratio Lower Upper  
96 100  
70 20.3 16.5 24.7  
95 8.9 7.4 11.0  
97 0.0 0.0 0.0

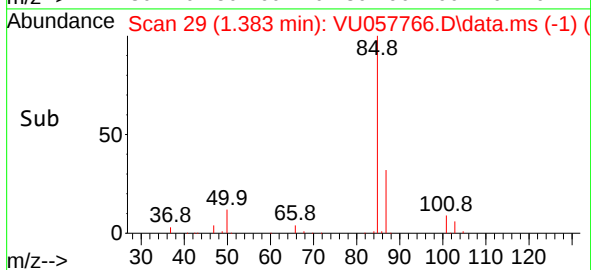
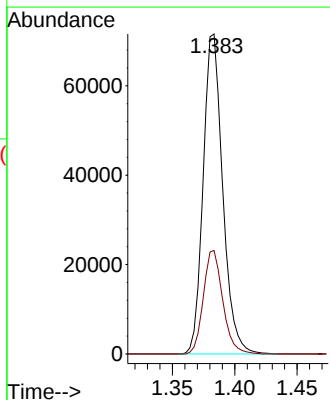
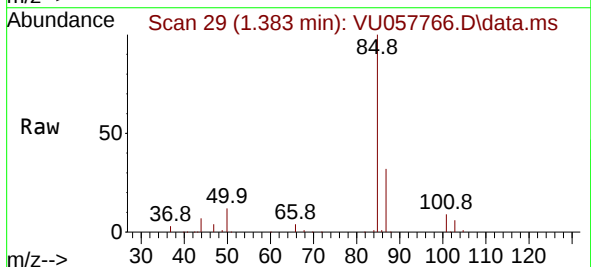
Manual Integrations  
APPROVED

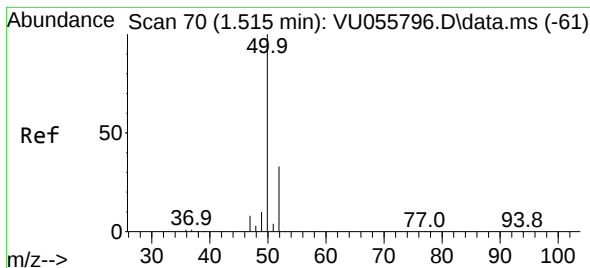
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#2  
Dichlorodifluoromethane  
Concen: 5.343 ug/l  
RT: 1.383 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion: 85 Resp: 78163  
Ion Ratio Lower Upper  
85 100  
87 32.3 16.2 48.6





#3

Chloromethane

Concen: 7.423 ug/l

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU013124

Tgt Ion: 50 Resp: 104192

Ion Ratio Lower Upper

50 100

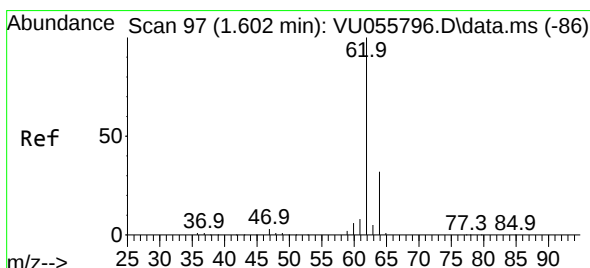
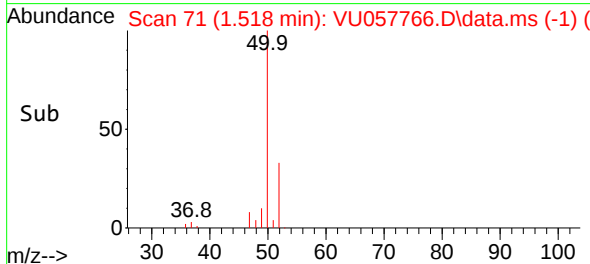
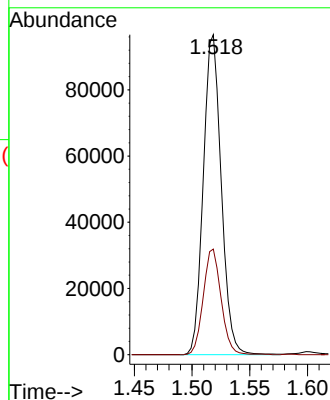
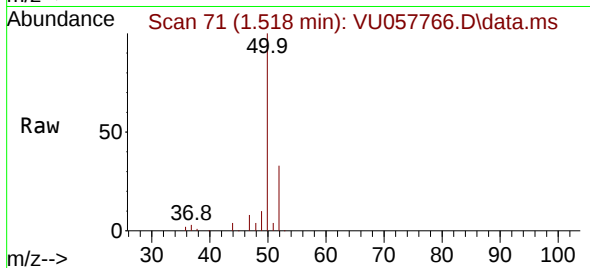
52 33.0 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#4

Vinyl Chloride

Concen: 8.257 ug/l

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU057766.D

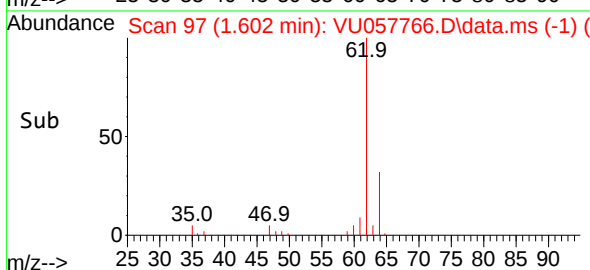
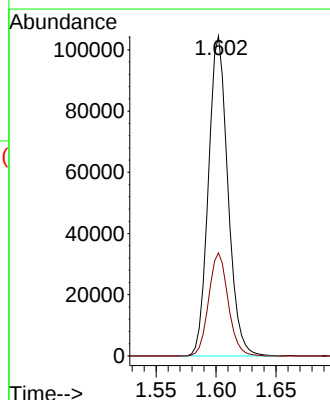
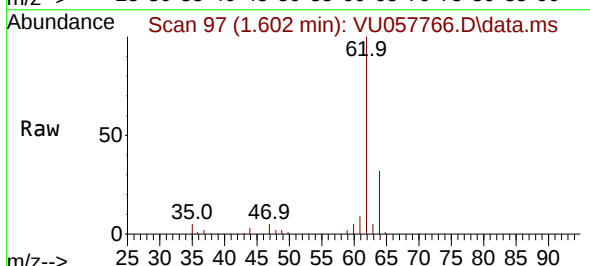
Acq: 31 Jan 2024 17:21

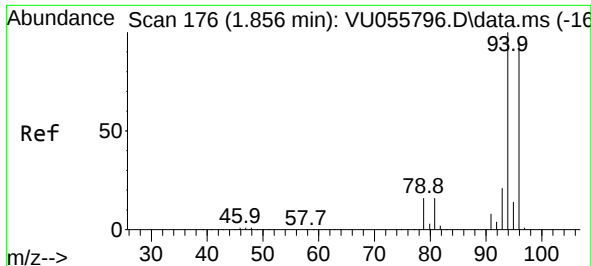
Tgt Ion: 62 Resp: 118174

Ion Ratio Lower Upper

62 100

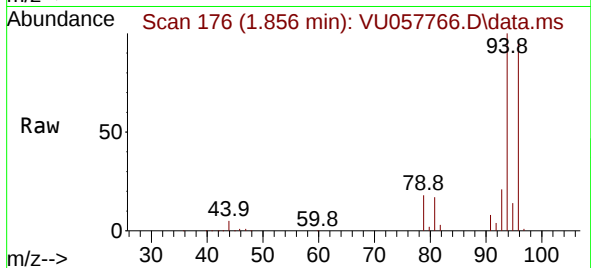
64 32.2 25.4 38.2





#5  
Bromomethane  
Concen: 9.050 ug/l  
RT: 1.856 min Scan# 176  
Delta R.T. -0.000 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

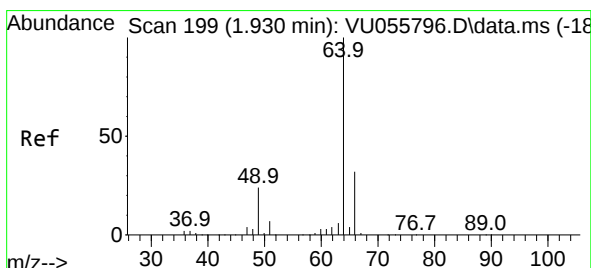
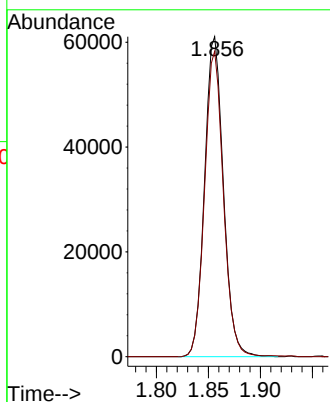
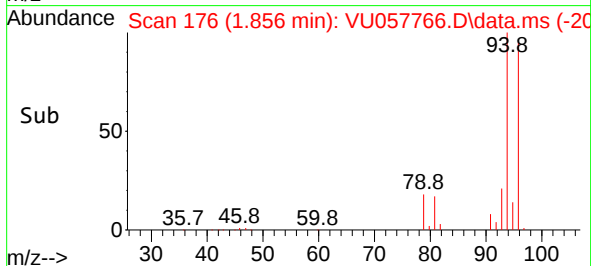
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124



Tgt Ion: 94 Resp: 76870  
Ion Ratio Lower Upper  
94 100  
96 95.5 75.4 113.2

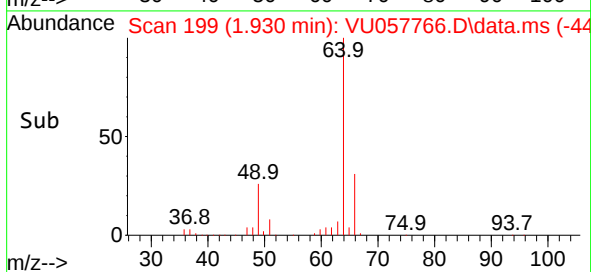
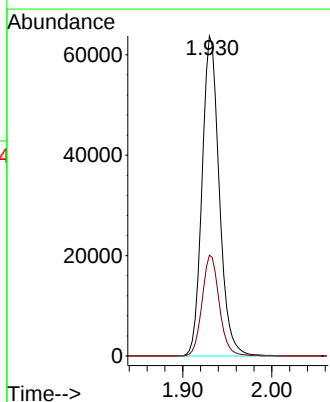
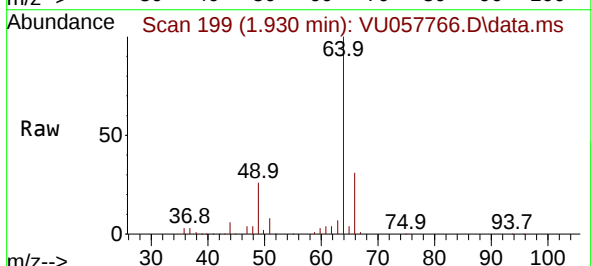
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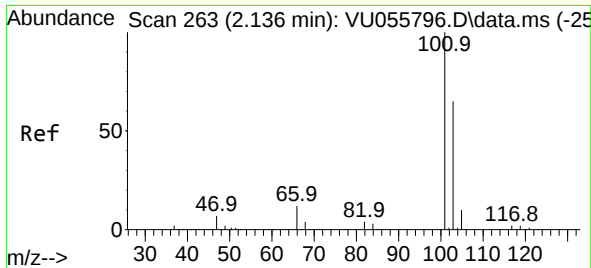
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#6  
Chloroethane  
Concen: 9.468 ug/l  
RT: 1.930 min Scan# 199  
Delta R.T. -0.000 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion: 64 Resp: 85602  
Ion Ratio Lower Upper  
64 100  
66 31.5 26.0 39.0





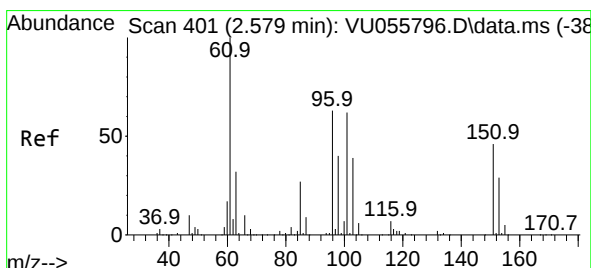
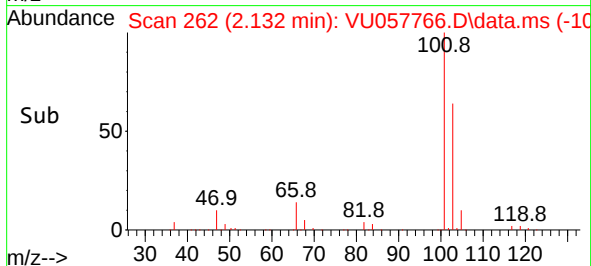
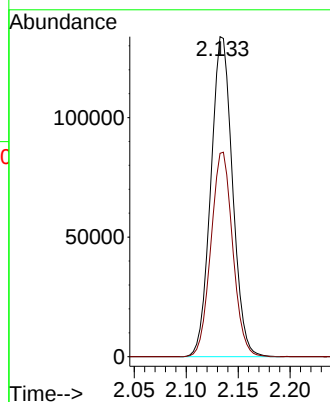
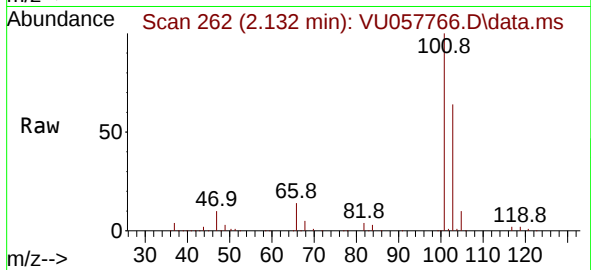
#7  
Trichlorofluoromethane  
Concen: 8.871 ug/l  
RT: 2.132 min Scan# 20  
Delta R.T. -0.004 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124

Tgt Ion:101 Resp: 19441  
Ion Ratio Lower Upper  
101 100  
103 63.6 51.4 77.0

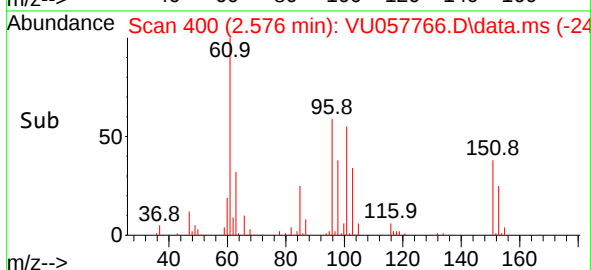
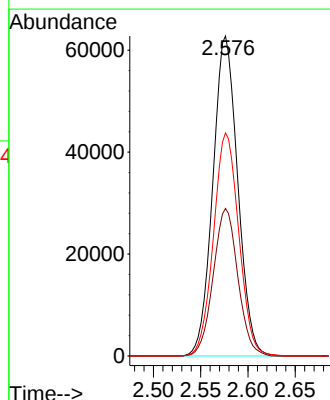
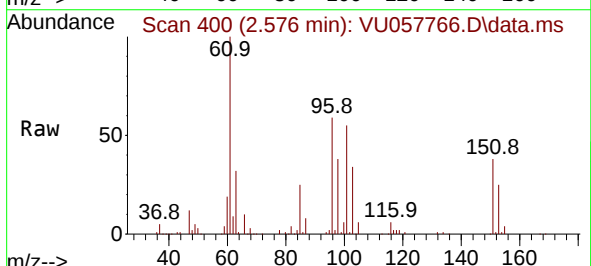
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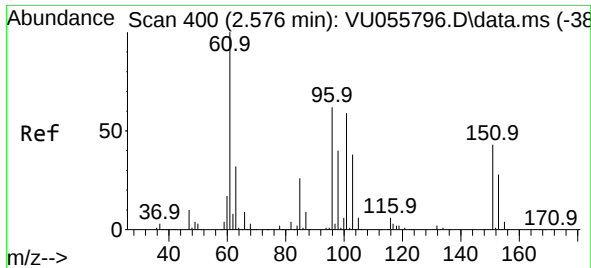
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 10.197 ug/l  
RT: 2.576 min Scan# 400  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

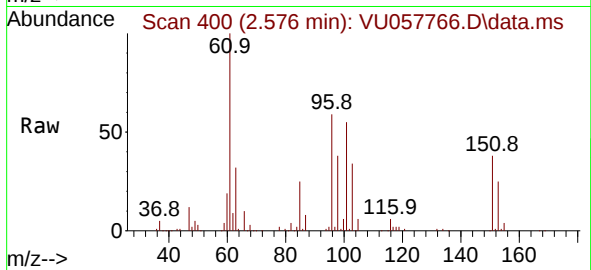
Tgt Ion:101 Resp: 114895  
Ion Ratio Lower Upper  
101 100  
85 45.7 35.4 53.0  
151 70.9 54.0 81.0





#9  
1,1-Dichloroethene  
Concen: 10.157 ug/l  
RT: 2.576 min Scan# 400  
Delta R.T. 0.000 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

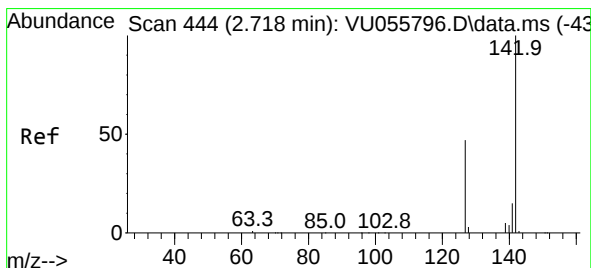
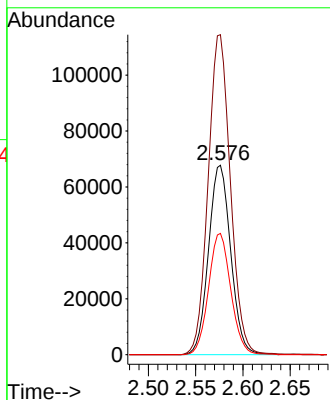
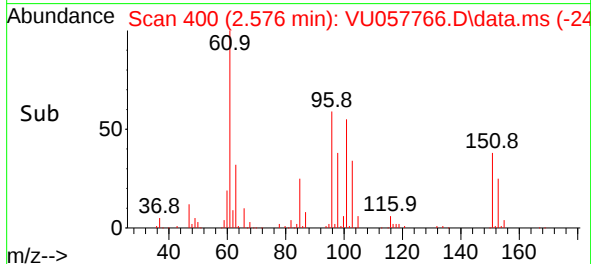
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124



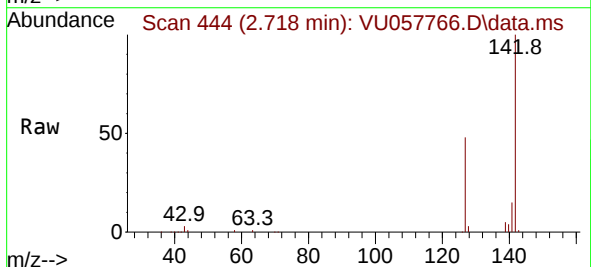
Tgt Ion: 96 Resp: 110899  
Ion Ratio Lower Upper  
96 100  
61 168.9 0.0 521.4  
98 64.0 0.0 125.8

Manual Integrations  
APPROVED

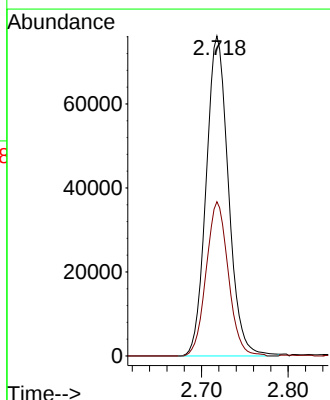
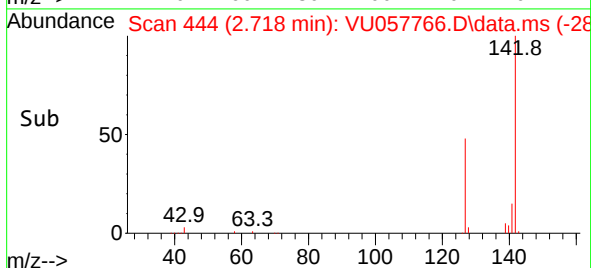
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024

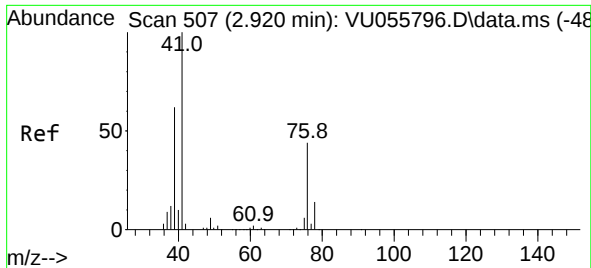


#10  
Iodomethane  
Concen: 10.612 ug/l  
RT: 2.718 min Scan# 444  
Delta R.T. -0.000 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21



Tgt Ion:142 Resp: 136255  
Ion Ratio Lower Upper  
142 100  
127 47.9 35.9 53.9





#11  
 Allyl Chloride  
 Concen: 11.130 ug/l  
 RT: 2.917 min Scan# 507  
 Delta R.T. -0.003 min  
 Lab File: VU057766.D  
 Acq: 31 Jan 2024 17:21

Instrument :

MSVOA\_U

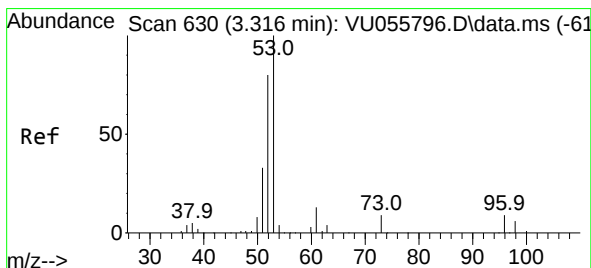
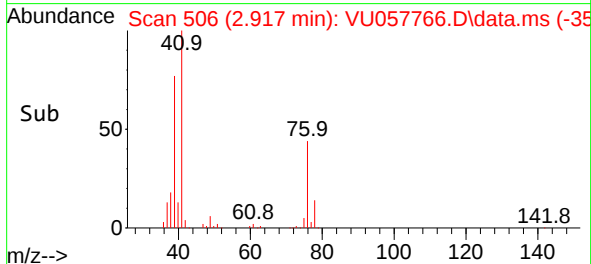
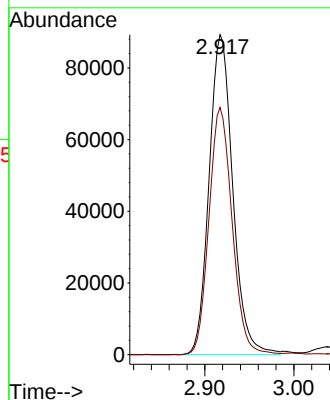
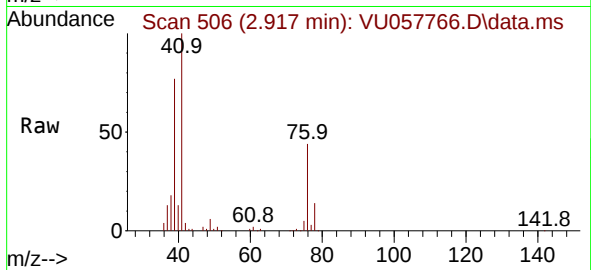
ClientSampleId :

ICVVU013124

Tgt Ion: 41 Resp: 164824  
 Ion Ratio Lower Upper  
 41 100  
 39 75.6 54.2 81.2

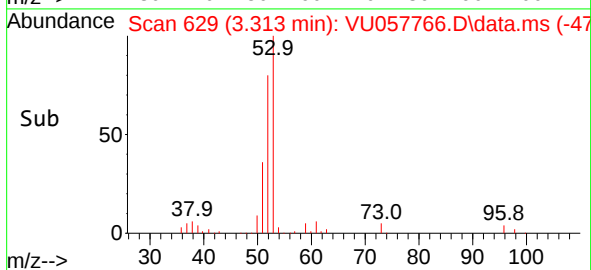
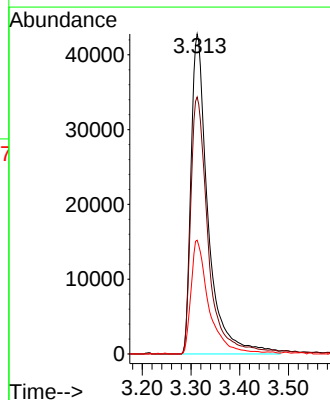
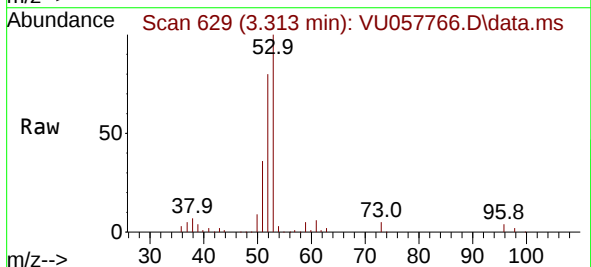
Manual Integrations  
 APPROVED

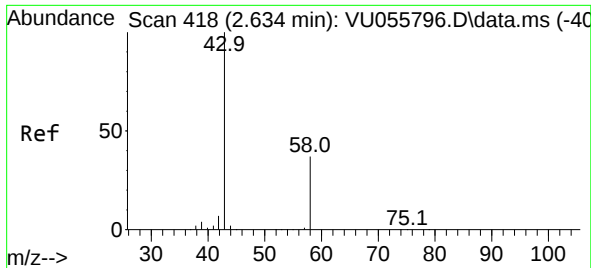
Reviewed By :Mahesh Dadoda 02/01/2024  
 Supervised By :Semsettin Yesilyurt 02/01/2024



#12  
 Acrylonitrile  
 Concen: 55.651 ug/l  
 RT: 3.313 min Scan# 629  
 Delta R.T. -0.003 min  
 Lab File: VU057766.D  
 Acq: 31 Jan 2024 17:21

Tgt Ion: 53 Resp: 103693  
 Ion Ratio Lower Upper  
 53 100  
 52 80.0 62.9 94.3  
 51 37.3 27.8 41.6





#13

Acetone

Concen: 41.425 ug/l

RT: 2.637 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU013124

Tgt Ion: 43 Resp: 139694

Ion Ratio Lower Upper

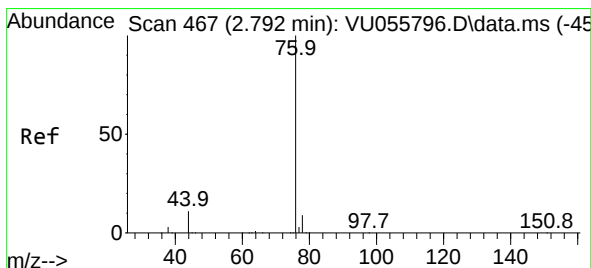
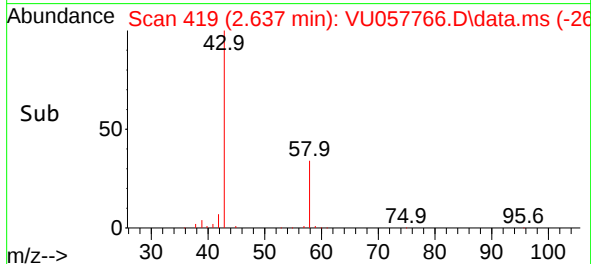
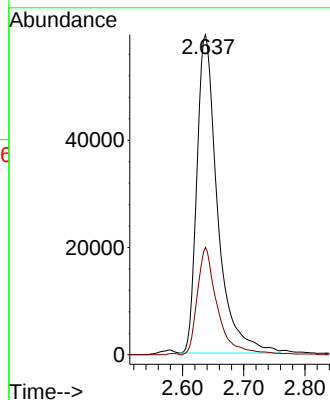
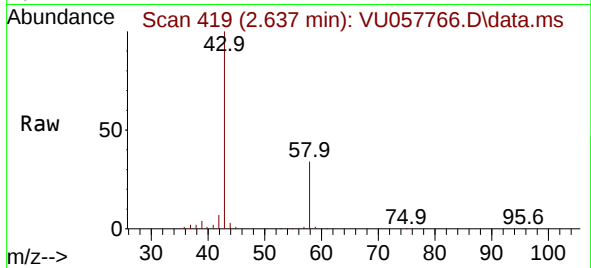
43 100

58 33.7 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#14

Carbon Disulfide

Concen: 9.628 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU057766.D

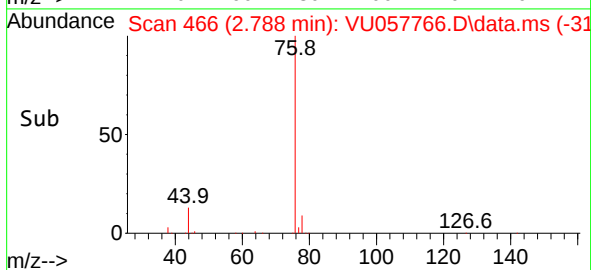
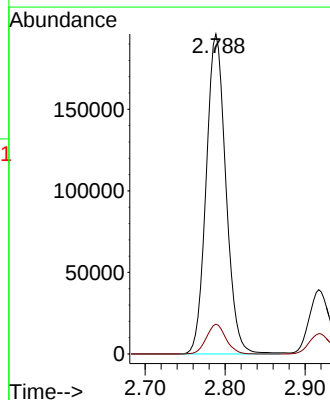
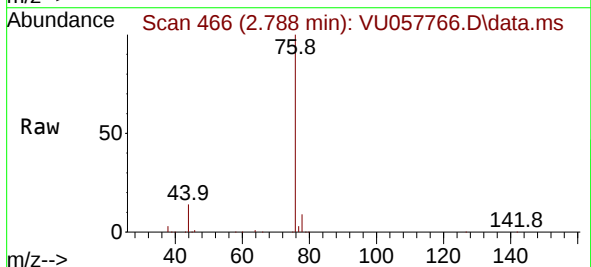
Acq: 31 Jan 2024 17:21

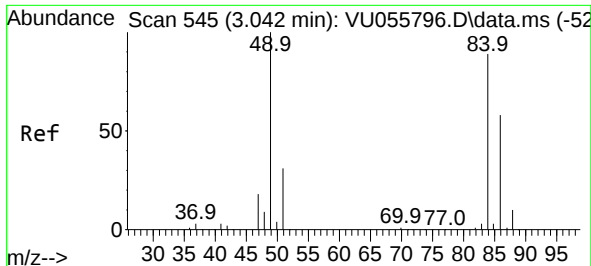
Tgt Ion: 76 Resp: 336459

Ion Ratio Lower Upper

76 100

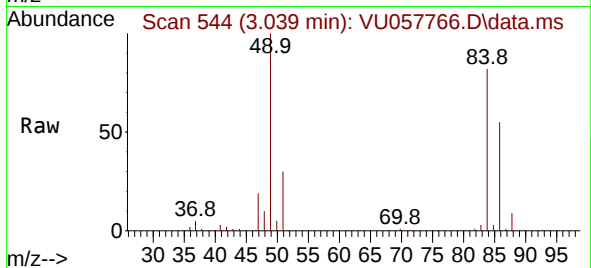
78 9.3 7.4 11.0





#15  
Methylene Chloride  
Concen: 9.379 ug/l  
RT: 3.039 min Scan# 545  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

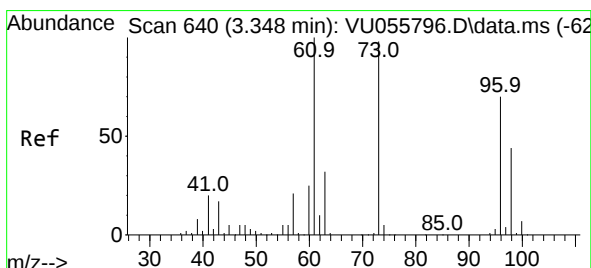
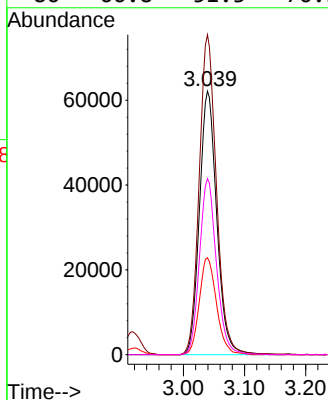
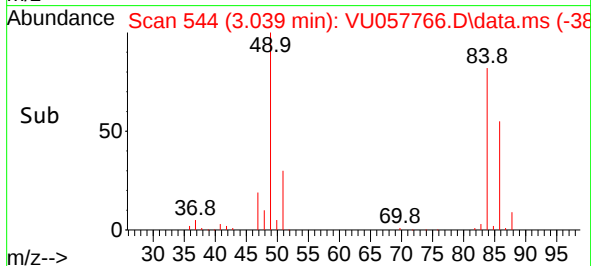
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124



Tgt Ion: 84 Resp: 122300  
Ion Ratio Lower Upper  
84 100  
49 121.4 98.9 148.3  
51 36.8 0.0 75.4  
86 66.8 51.3 76.9

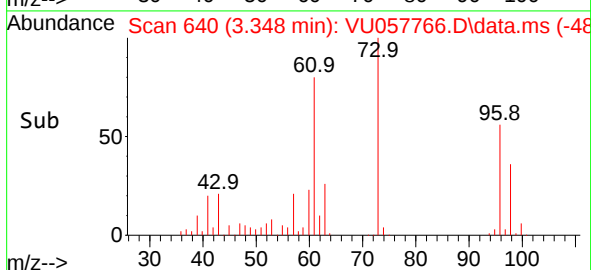
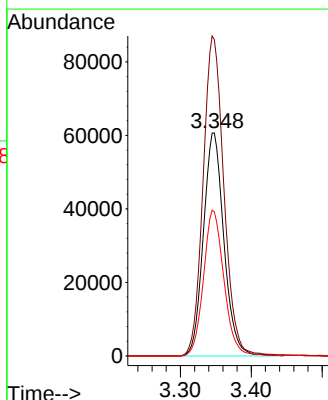
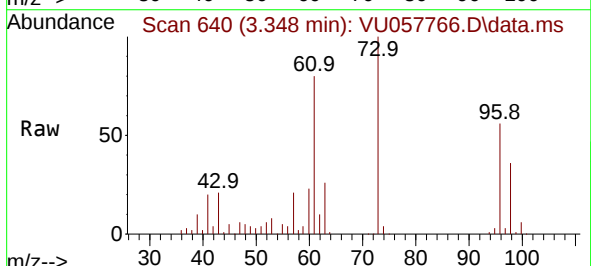
Manual Integrations  
APPROVED

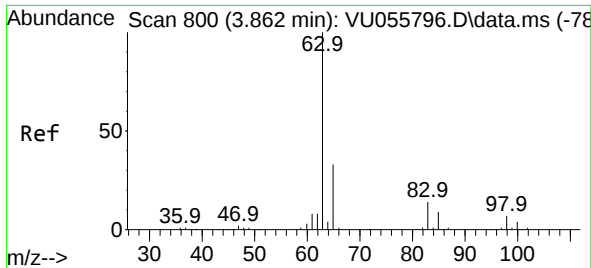
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#16  
trans-1,2-Dichloroethene  
Concen: 10.250 ug/l  
RT: 3.348 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion: 96 Resp: 122186  
Ion Ratio Lower Upper  
96 100  
61 141.8 117.5 176.3  
98 64.6 48.3 72.5





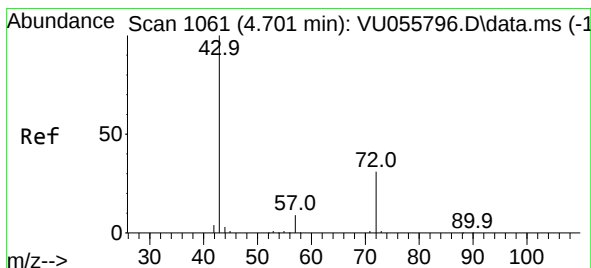
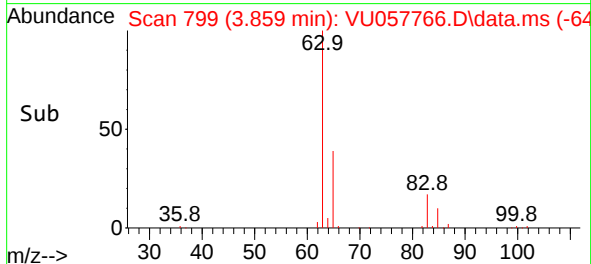
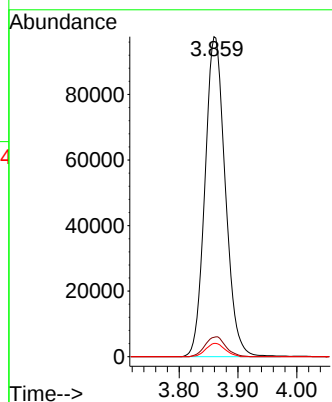
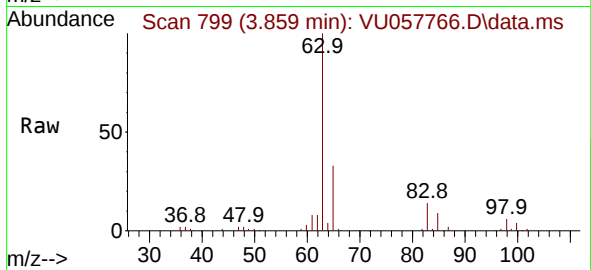
#17  
1,1-Dichloroethane  
Concen: 10.398 ug/l  
RT: 3.859 min Scan# 799  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124

Tgt Ion: 63 Resp: 23400  
Ion Ratio Lower Upper  
63 100  
98 6.1 3.4 10.1  
100 4.2 2.2 6.6

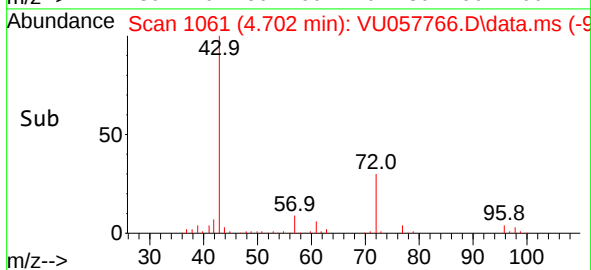
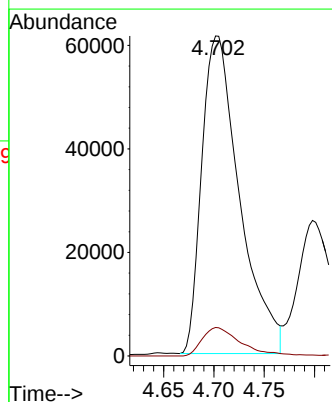
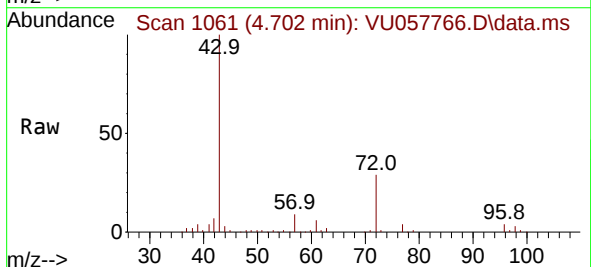
Manual Integrations  
APPROVED

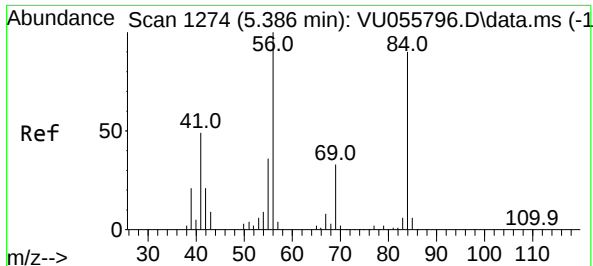
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#18  
2-Butanone  
Concen: 44.161 ug/l  
RT: 4.702 min Scan# 1061  
Delta R.T. 0.001 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion: 43 Resp: 160510  
Ion Ratio Lower Upper  
43 100  
57 9.0 0.0 19.6





#19

Cyclohexane

Concen: 9.680 ug/l

RT: 5.380 min Scan# 17070

Delta R.T. -0.006 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

Instrument :

MSVOA\_U

ClientSampleId :

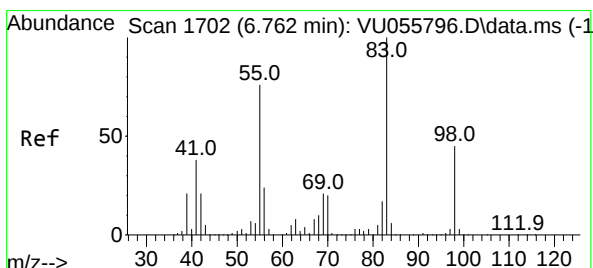
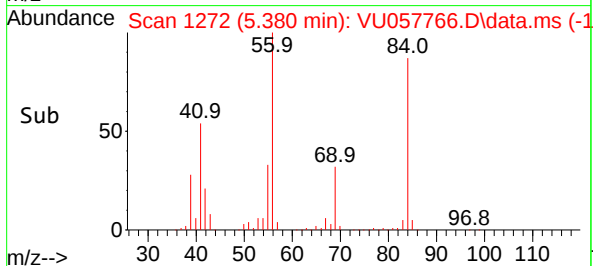
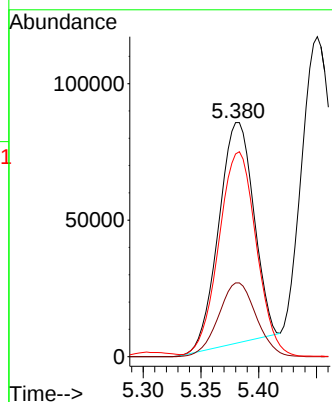
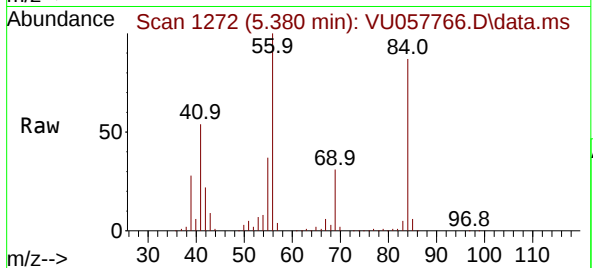
ICVVU013124

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 17070 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 36.1  | 24.6  | 37.0  |
| 84        | 98.2  | 68.4  | 102.6 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#20

Methylcyclohexane

Concen: 10.392 ug/l

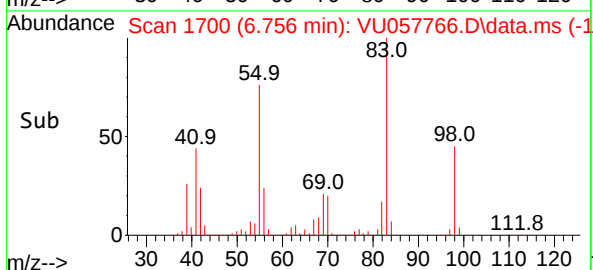
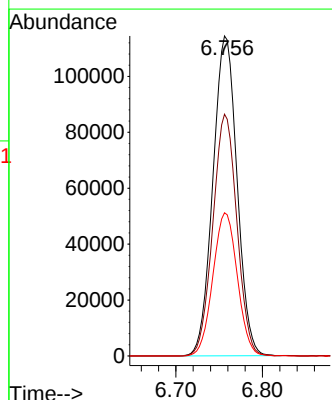
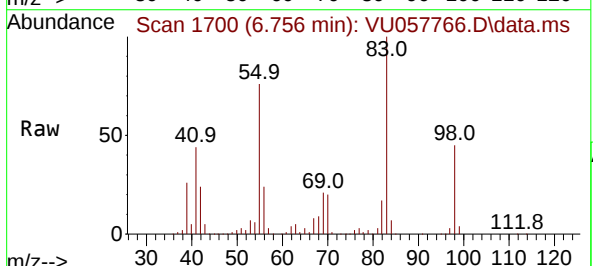
RT: 6.756 min Scan# 1700

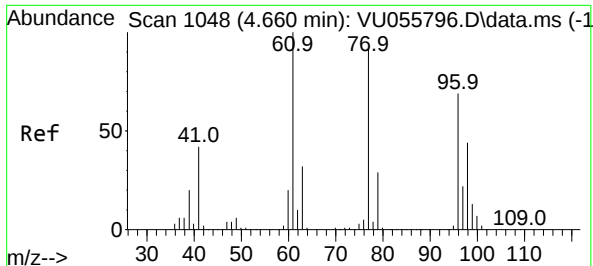
Delta R.T. -0.006 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 221480 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 75.1  | 63.5  | 95.3   |
| 98        | 45.4  | 36.0  | 54.0   |





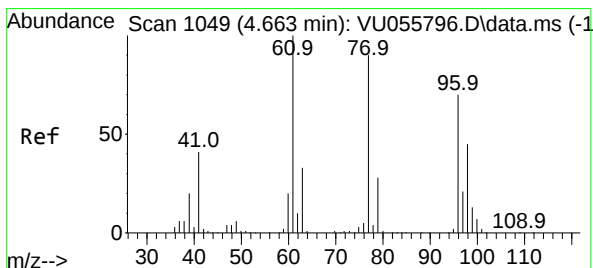
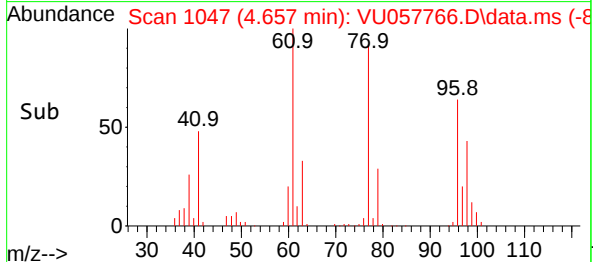
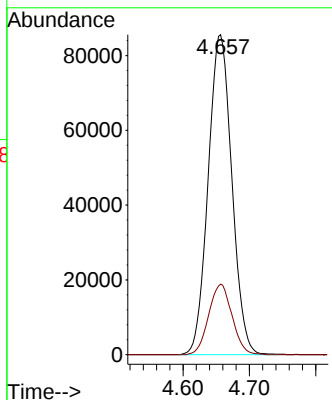
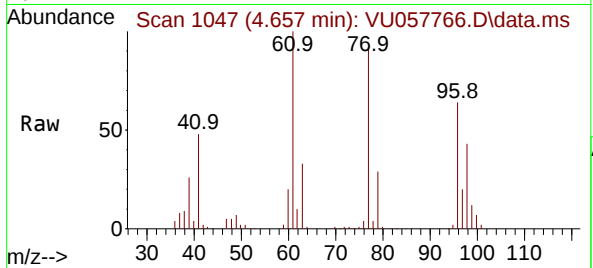
#21  
2,2-Dichloropropane  
Concen: 10.626 ug/l  
RT: 4.657 min Scan# 1047  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124

Tgt Ion: 77 Resp: 21233  
Ion Ratio Lower Upper  
77 100  
97 21.8 18.4 27.6

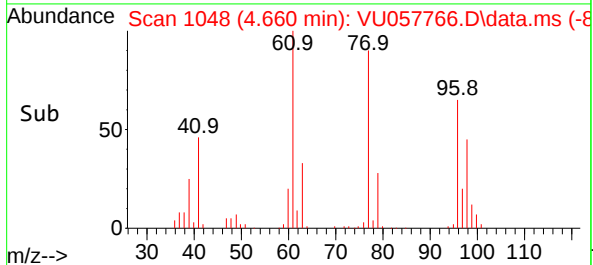
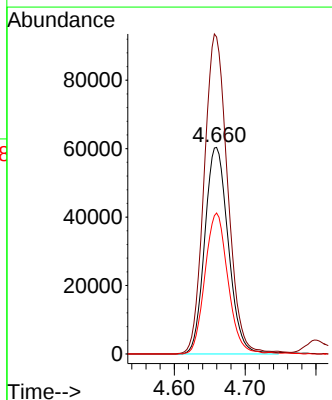
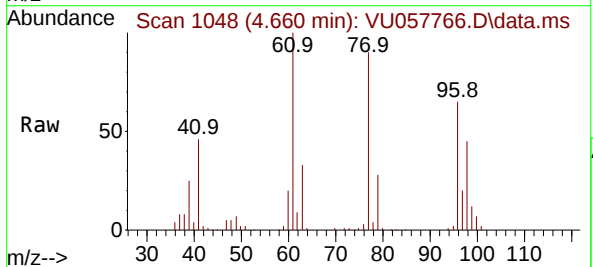
Manual Integrations  
APPROVED

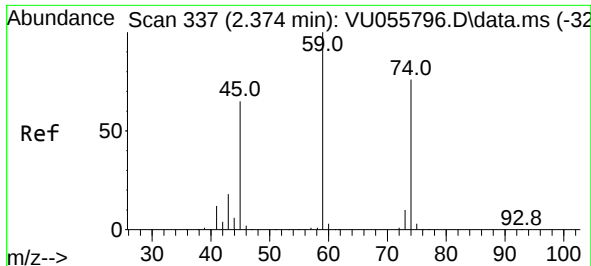
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#22  
cis-1,2-Dichloroethene  
Concen: 10.678 ug/l  
RT: 4.660 min Scan# 1048  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion: 96 Resp: 139406  
Ion Ratio Lower Upper  
96 100  
61 154.0 0.0 365.8  
98 66.4 32.0 96.0





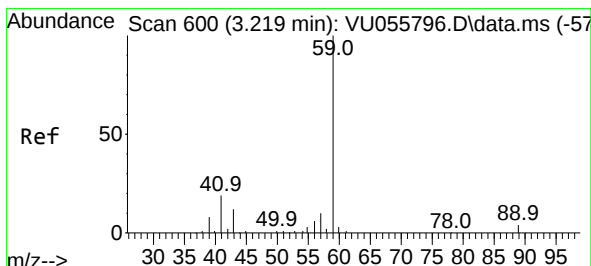
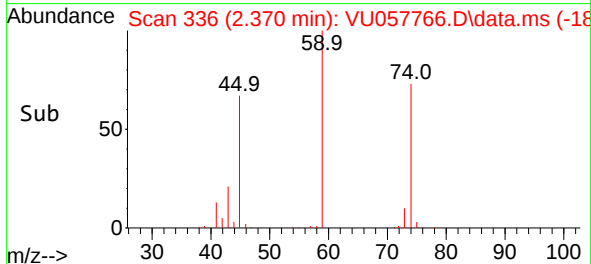
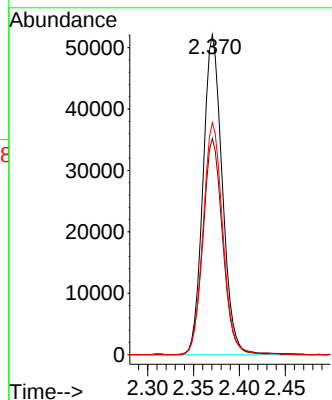
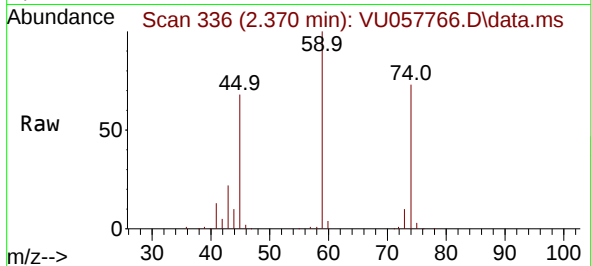
#23  
Diethyl Ether  
Concen: 9.645 ug/l  
RT: 2.370 min Scan# 311  
Delta R.T. -0.004 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124

Tgt Ion: 59 Resp: 7601  
Ion Ratio Lower Upper  
59 100  
45 69.0 56.1 84.1  
74 74.1 57.4 86.2

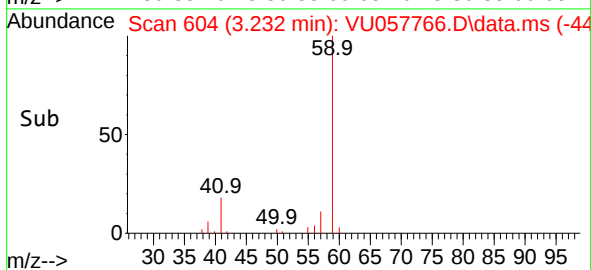
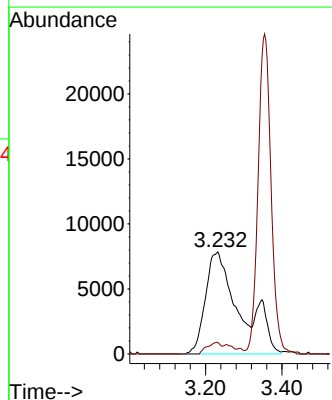
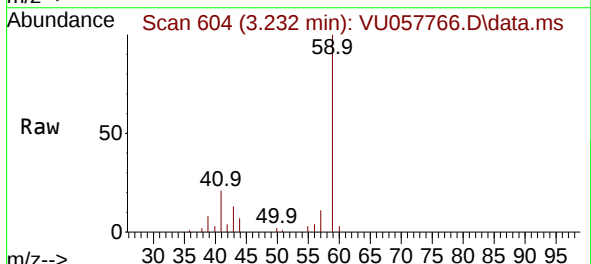
Manual Integrations  
APPROVED

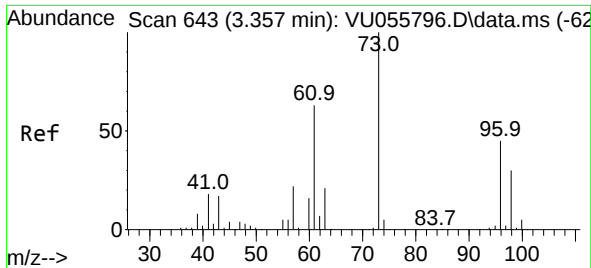
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#24  
tert-Butyl Alcohol  
Concen: 55.066 ug/l m  
RT: 3.232 min Scan# 604  
Delta R.T. 0.013 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

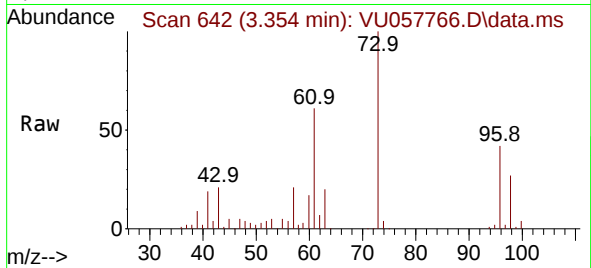
Tgt Ion: 59 Resp: 49351  
Ion Ratio Lower Upper  
59 100  
57 4.6 105.6 158.4#





#25  
Methyl tert-Butyl Ether  
Concen: 10.640 ug/l  
RT: 3.354 min Scan# 64  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

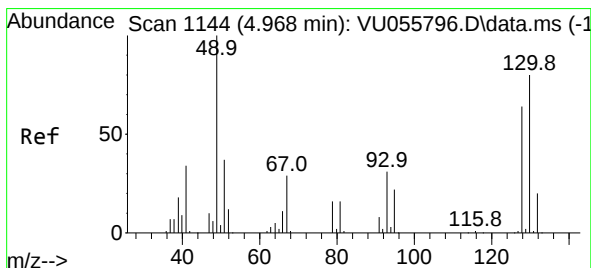
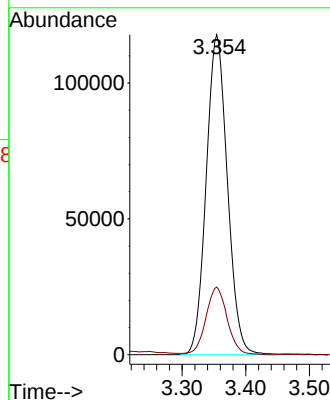
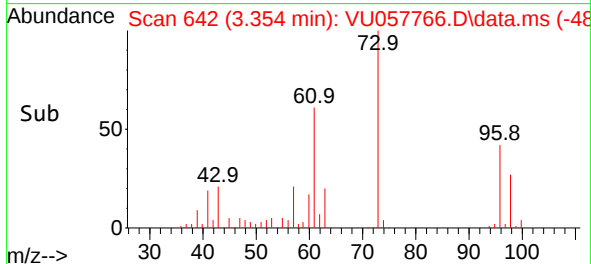
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124



Tgt Ion: 73 Resp: 272592  
Ion Ratio Lower Upper  
73 100  
43 21.3 15.0 22.6

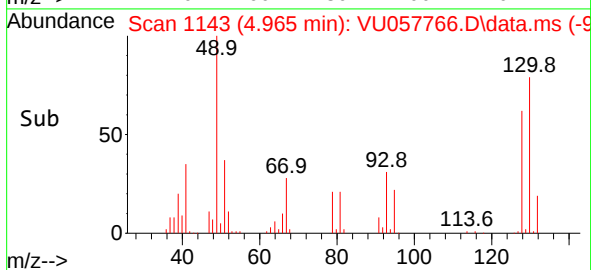
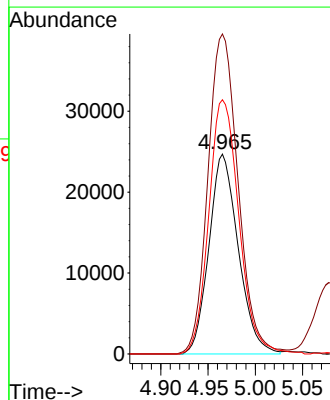
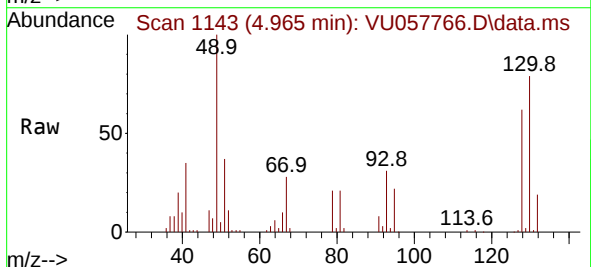
Manual Integrations  
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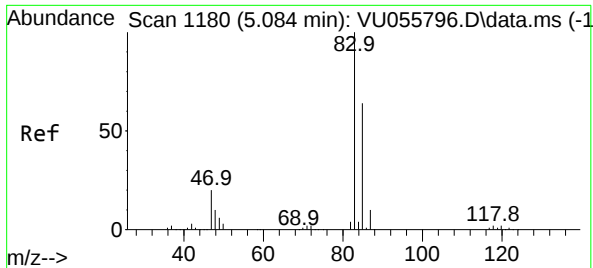
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#26  
Bromochloromethane  
Concen: 10.168 ug/l  
RT: 4.965 min Scan# 1143  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion:128 Resp: 53327  
Ion Ratio Lower Upper  
128 100  
49 164.6 0.0 324.6  
130 131.2 103.0 154.4





#27

Chloroform

Concen: 10.308 ug/l

RT: 5.078 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU013124

Tgt Ion: 83 Resp: 241158

Ion Ratio Lower Upper

83 100

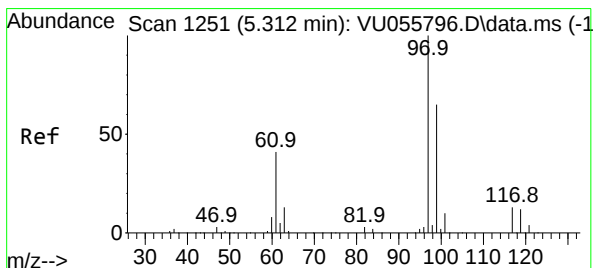
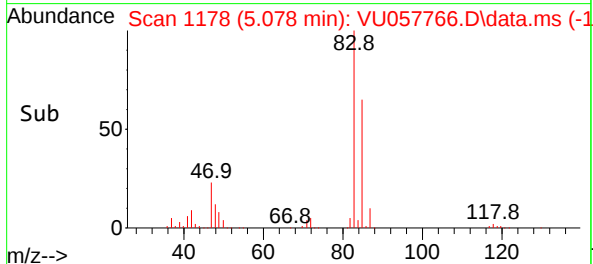
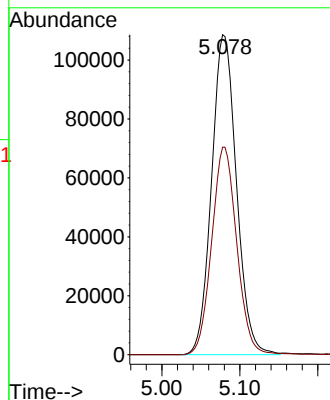
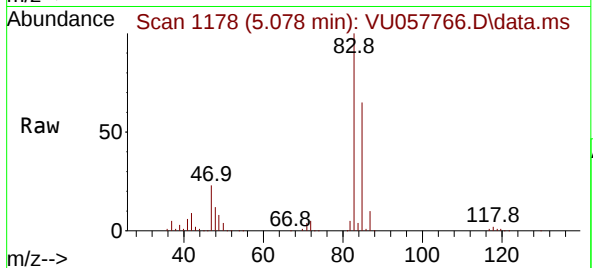
85 64.8 0.0 126.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#28

1,1,1-Trichloroethane

Concen: 10.251 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

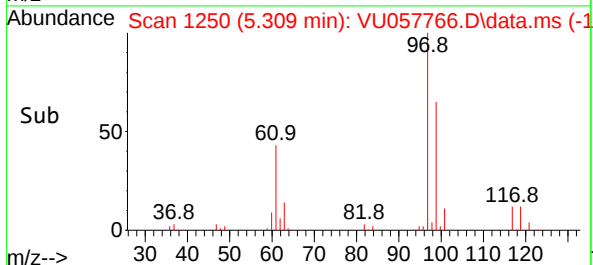
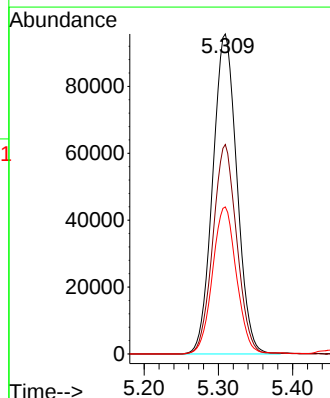
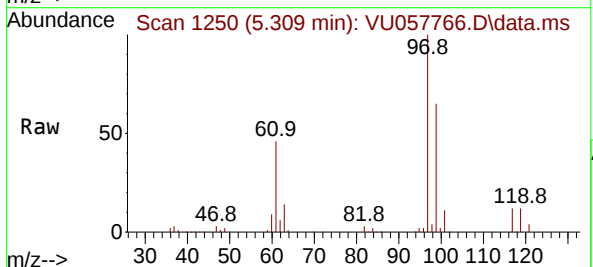
Tgt Ion: 97 Resp: 216559

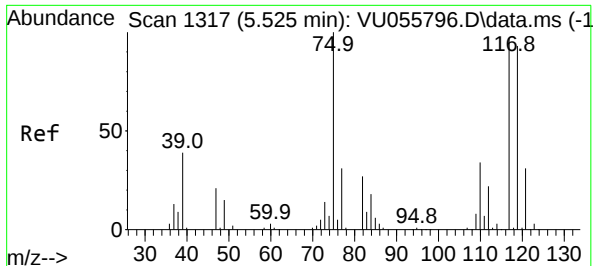
Ion Ratio Lower Upper

97 100

99 64.7 32.0 96.2

61 45.6 22.9 68.5





#29

1,1-Dichloropropene

Concen: 10.670 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. -0.007 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU013124

Tgt Ion: 75 Resp: 18236

Ion Ratio Lower Upper

75 100

110 33.8 18.0 54.0

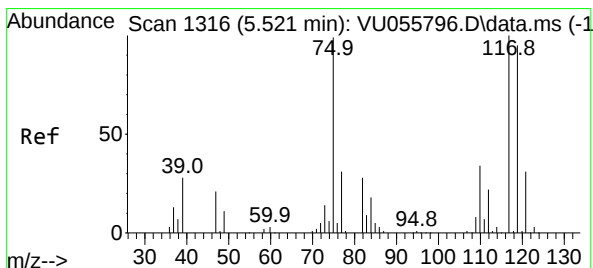
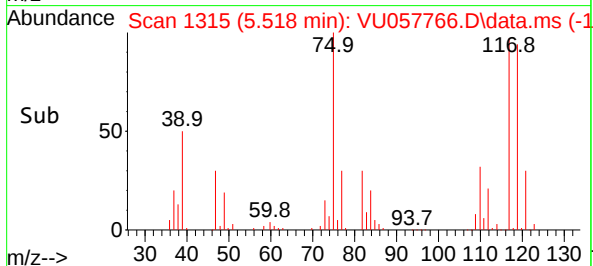
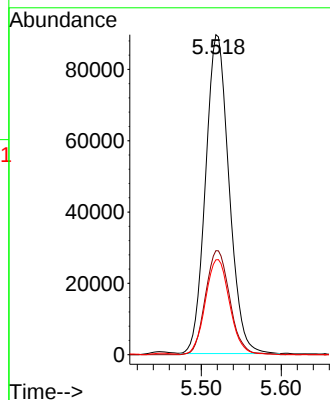
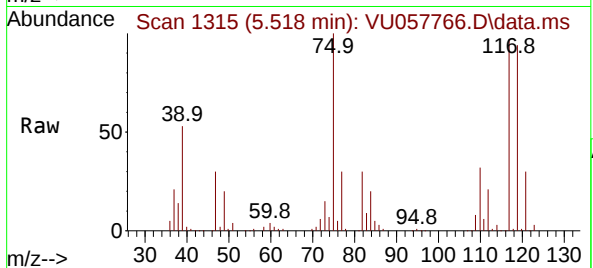
77 31.0 24.7 37.1

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Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#30

Carbon Tetrachloride

Concen: 10.407 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

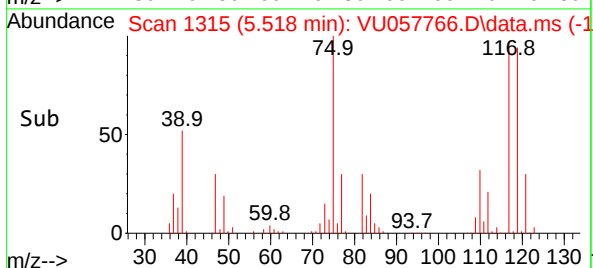
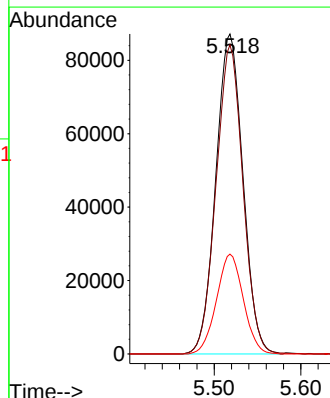
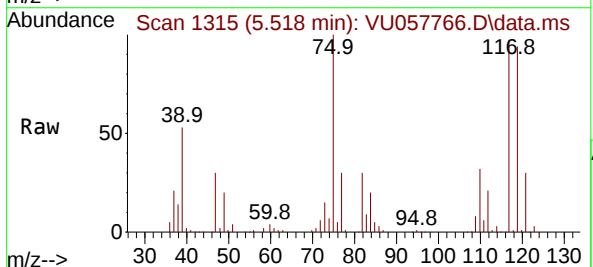
Tgt Ion:117 Resp: 189426

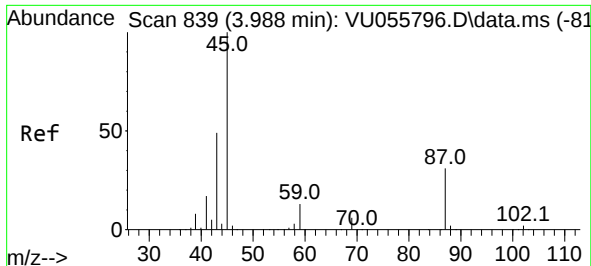
Ion Ratio Lower Upper

117 100

119 96.6 77.4 116.0

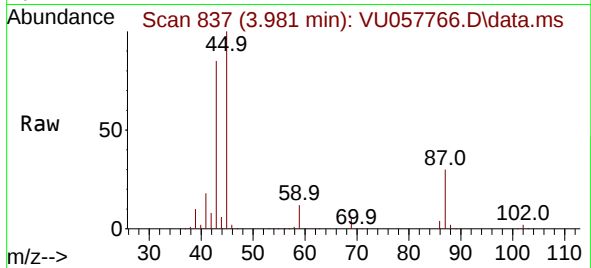
121 31.5 24.0 36.0





#31  
Isopropyl Ether  
Concen: 10.735 ug/l  
RT: 3.981 min Scan# 837  
Delta R.T. -0.007 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

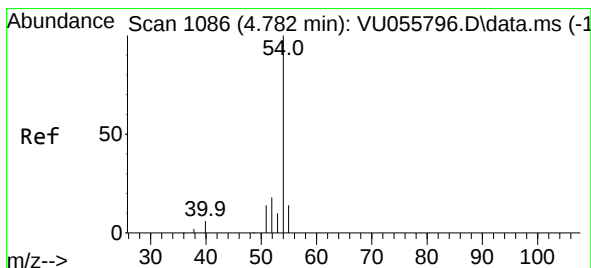
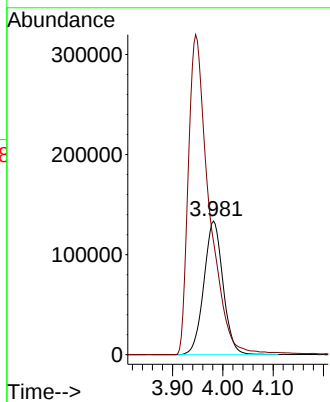
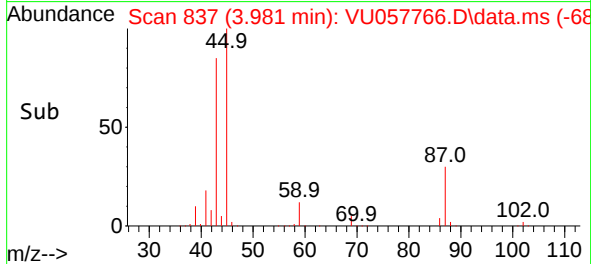
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124



Tgt Ion: 45 Resp: 353489  
Ion Ratio Lower Upper  
45 100  
43 260.1 27.5 82.5

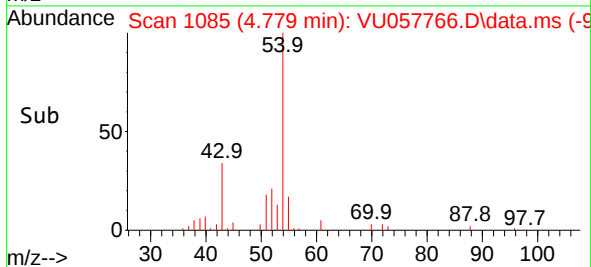
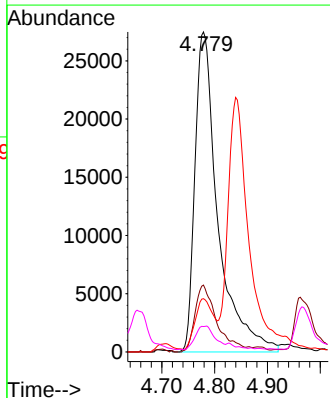
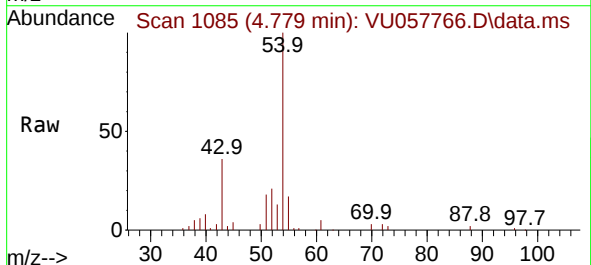
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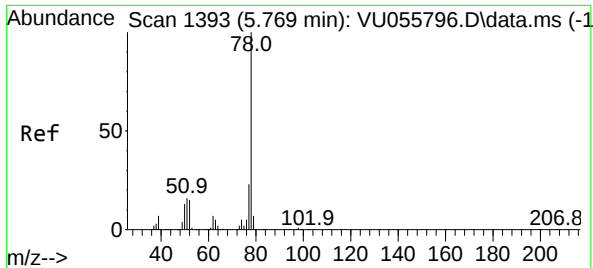
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#34  
Propionitrile  
Concen: 110.398 ug/l  
RT: 4.779 min Scan# 1085  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion: 54 Resp: 83163  
Ion Ratio Lower Upper  
54 100  
52 19.7 17.4 26.0  
55 12.9 104.1 156.1#  
40 6.2 2.4 3.6#





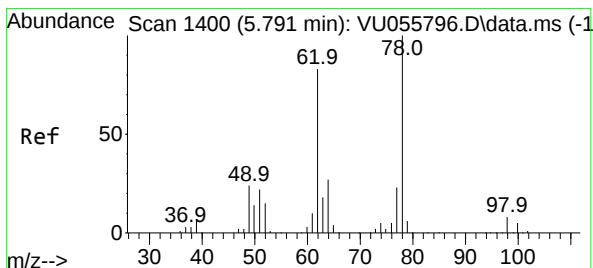
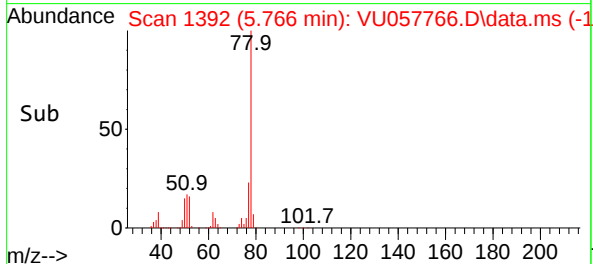
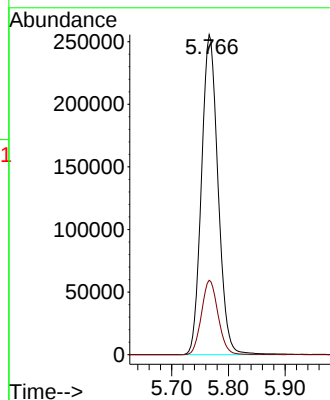
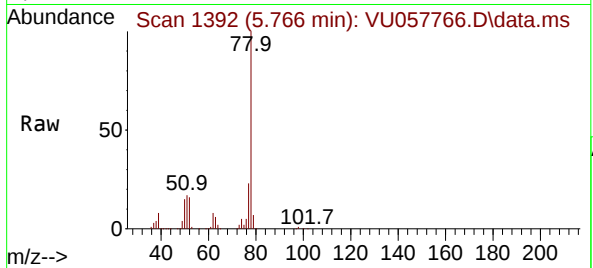
#35  
Benzene  
Concen: 10.542 ug/l  
RT: 5.766 min Scan# 1392  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124

Tgt Ion: 78 Resp: 51875  
Ion Ratio Lower Upper  
78 100  
77 23.2 18.9 28.3

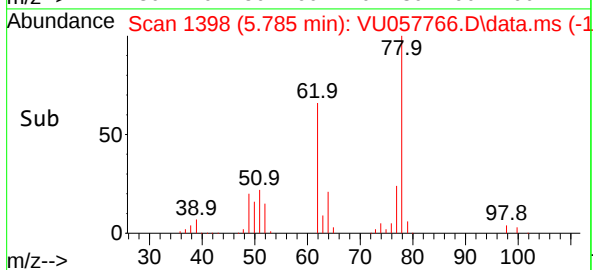
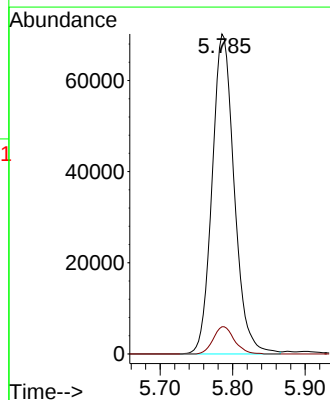
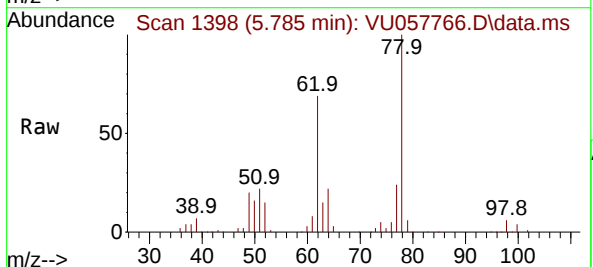
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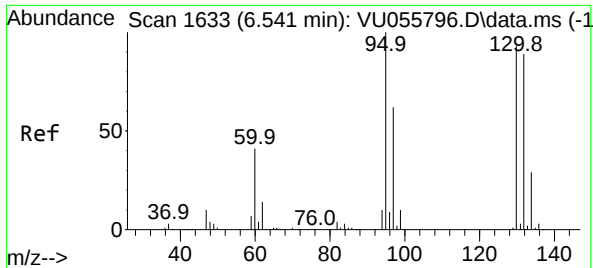
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#36  
1,2-Dichloroethane  
Concen: 10.381 ug/l  
RT: 5.785 min Scan# 1398  
Delta R.T. -0.006 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion: 62 Resp: 148863  
Ion Ratio Lower Upper  
62 100  
98 8.1 7.3 10.9





#37

Trichloroethene

Concen: 10.190 ug/l

RT: 6.534 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU013124

Tgt Ion:130 Resp: 13317

Ion Ratio Lower Upper

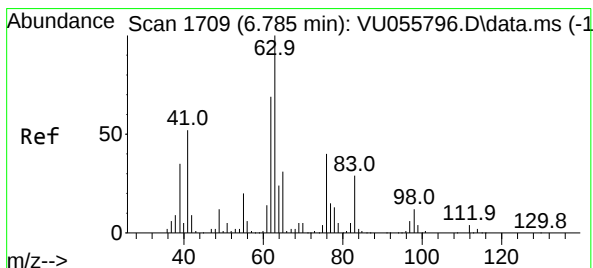
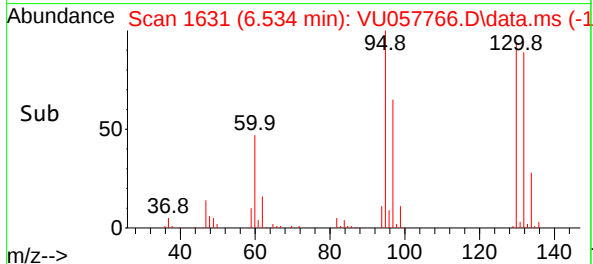
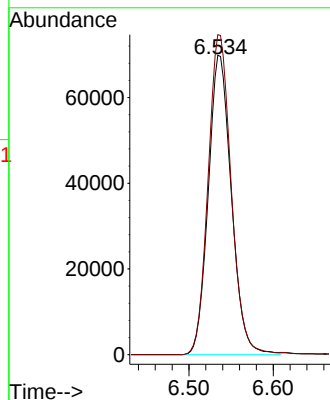
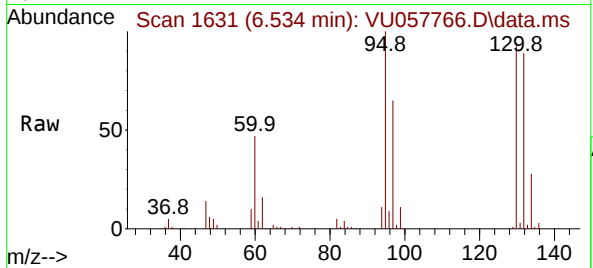
130 100

95 106.9 85.0 127.6

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Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#38

1,2-Dichloropropane

Concen: 10.172 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU057766.D

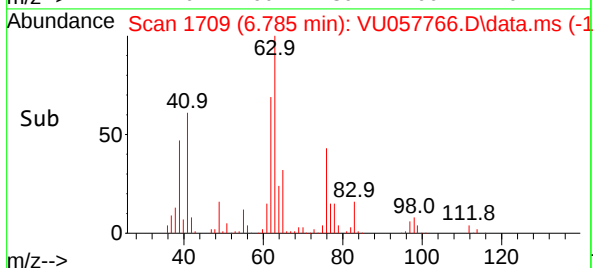
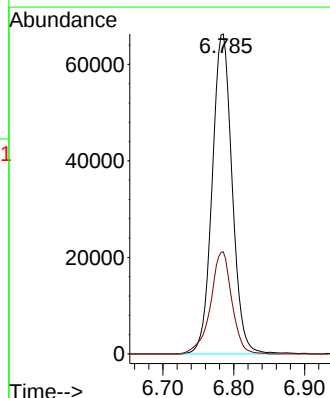
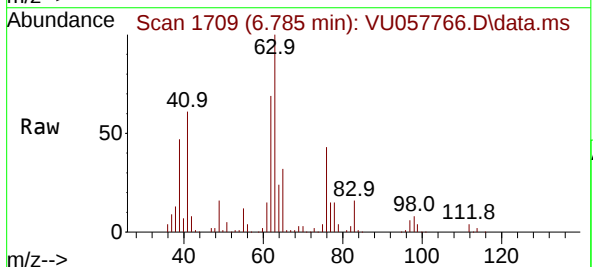
Acq: 31 Jan 2024 17:21

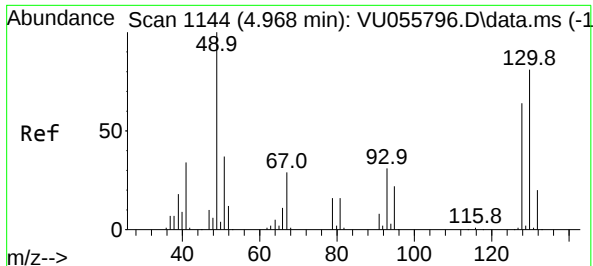
Tgt Ion: 63 Resp: 129798

Ion Ratio Lower Upper

63 100

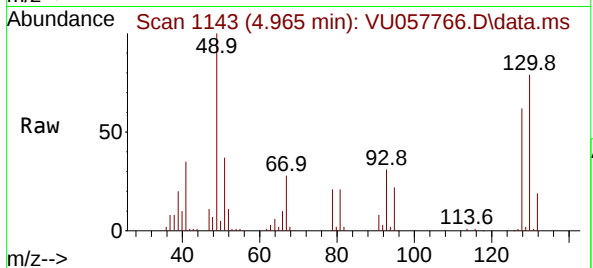
65 31.9 24.9 37.3





#39  
Methacrylonitrile  
Concen: 10.788 ug/l  
RT: 4.965 min Scan# 1143  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124

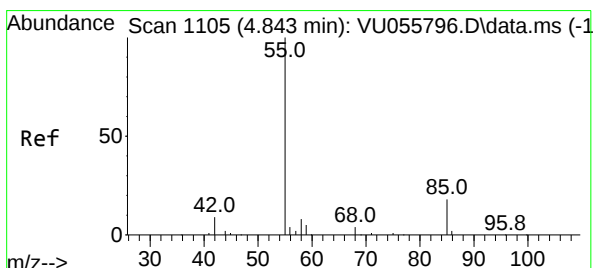
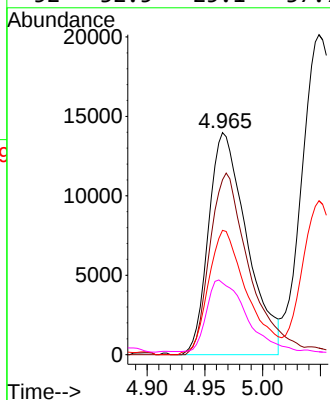
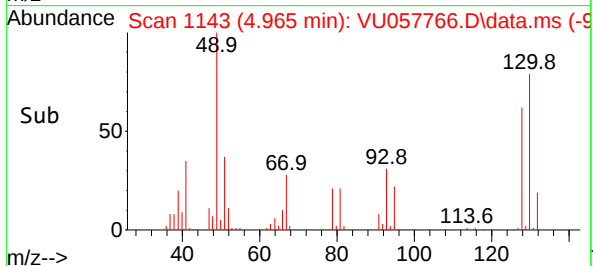


Tgt Ion: 41 Resp: 3239

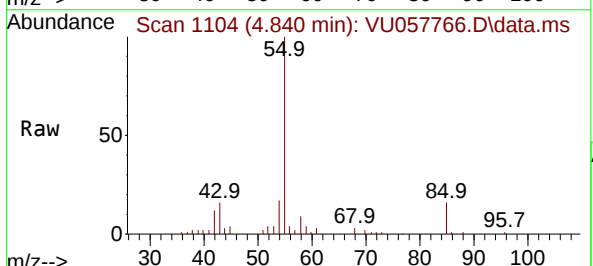
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 67  | 86.3  | 66.8  | 100.2 |
| 39  | 56.7  | 41.2  | 61.8  |
| 52  | 32.5  | 25.1  | 37.7  |

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Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024

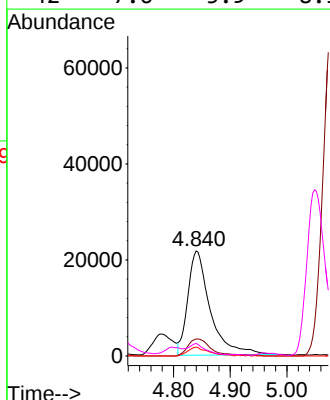
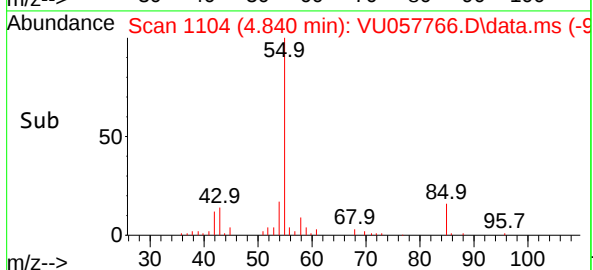


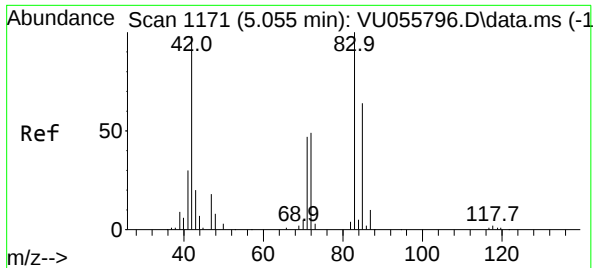
#40  
Methyl acrylate  
Concen: 9.765 ug/l  
RT: 4.840 min Scan# 1104  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21



Tgt Ion: 55 Resp: 59576

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 55  | 100   |       |       |
| 85  | 17.4  | 13.3  | 19.9  |
| 58  | 7.8   | 6.5   | 9.7   |
| 42  | 7.6   | 5.9   | 8.9   |





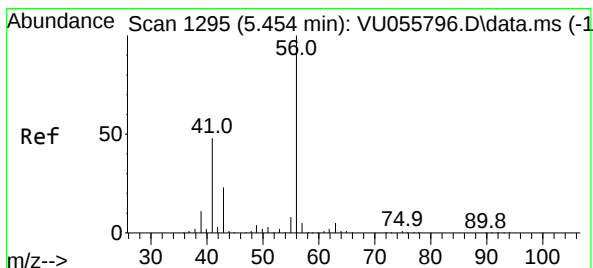
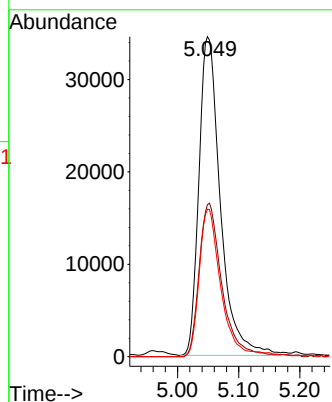
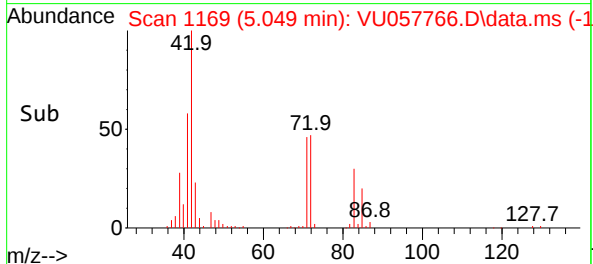
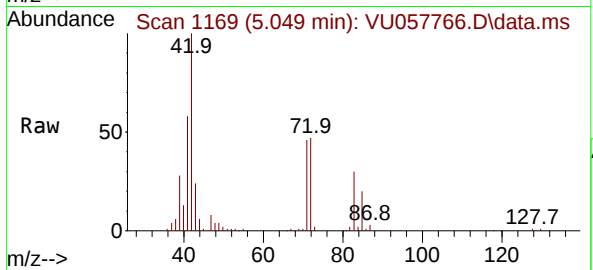
#41  
Tetrahydrofuran  
Concen: 52.528 ug/l  
RT: 5.049 min Scan# 1169  
Delta R.T. -0.006 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Instrument : MSVOA\_U  
ClientSampleId : ICVVU013124

Tgt Ion: 42 Resp: 84200  
Ion Ratio Lower Upper  
42 100  
72 50.5 40.9 61.3  
71 46.1 36.9 55.3

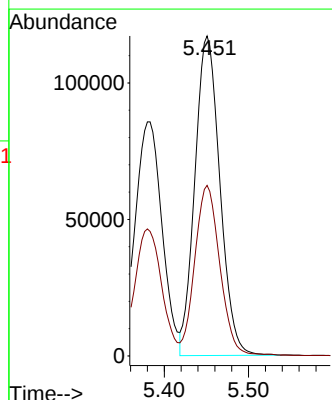
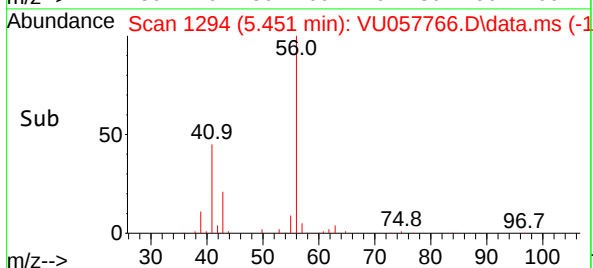
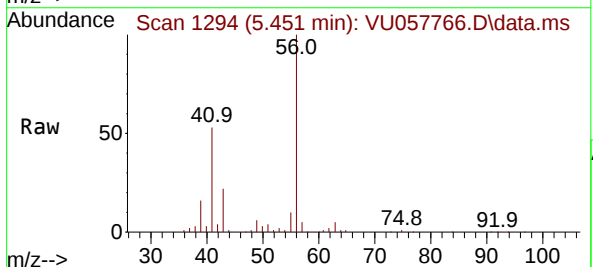
Manual Integrations  
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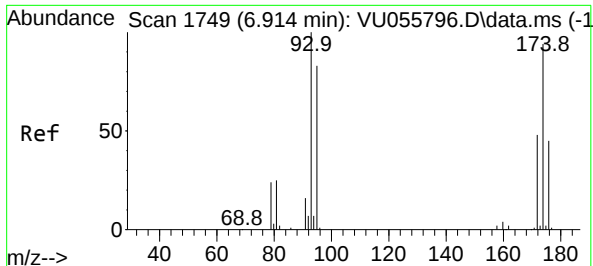
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#42  
1-Chlorobutane  
Concen: 10.715 ug/l  
RT: 5.451 min Scan# 1294  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion: 56 Resp: 241444  
Ion Ratio Lower Upper  
56 100  
41 52.4 25.2 75.6





#43

Dibromomethane

Concen: 11.039 ug/l

RT: 6.914 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU013124

Tgt Ion: 93 Resp: 64779

Ion Ratio Lower Upper

93 100

95 85.0 67.0 100.6

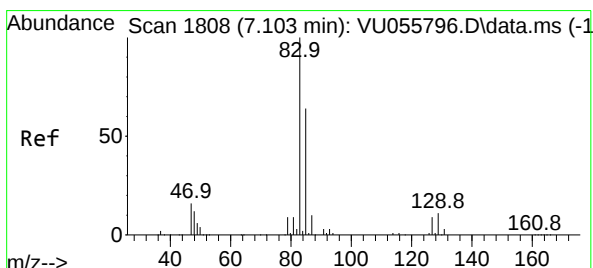
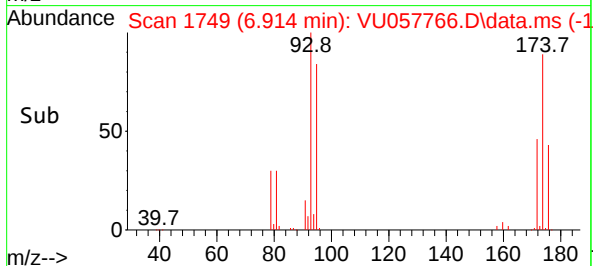
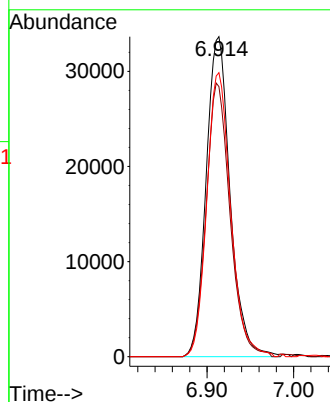
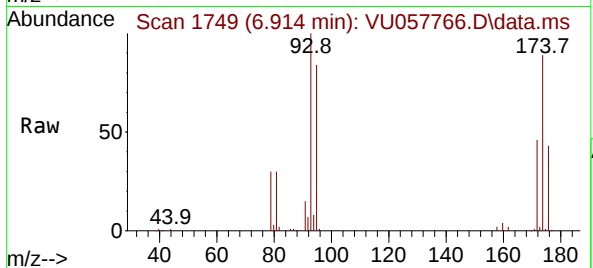
174 88.5 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#44

Bromodichloromethane

Concen: 10.710 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

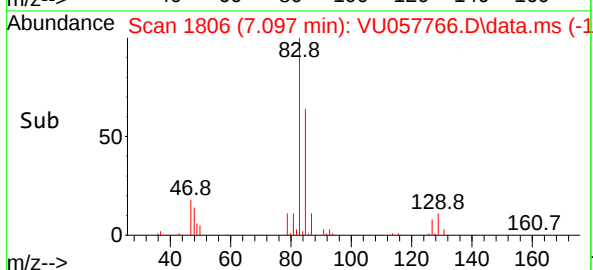
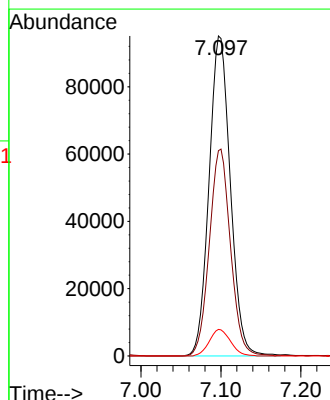
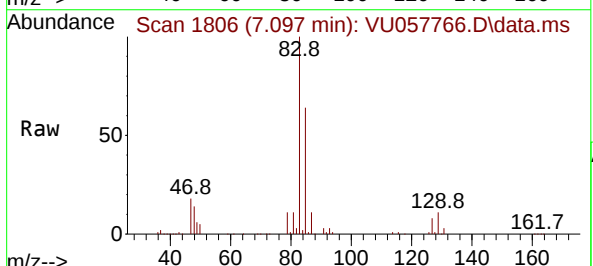
Tgt Ion: 83 Resp: 175968

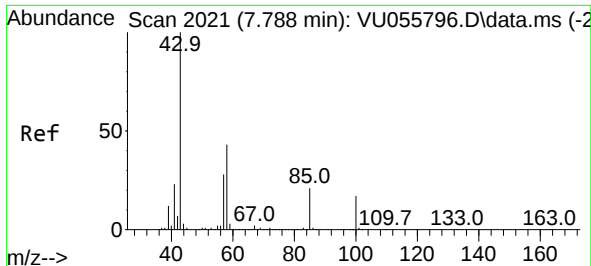
Ion Ratio Lower Upper

83 100

85 64.2 51.9 77.9

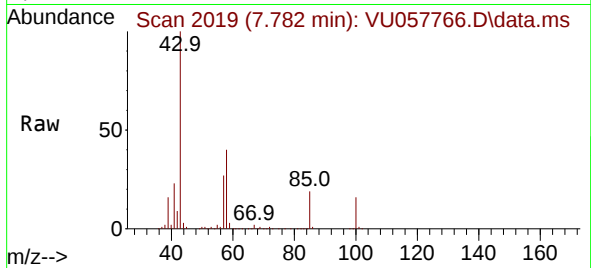
127 9.1 6.7 10.1





#45  
4-Methyl-2-Pentanone  
Concen: 53.172 ug/l  
RT: 7.782 min Scan# 2021  
Delta R.T. -0.006 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

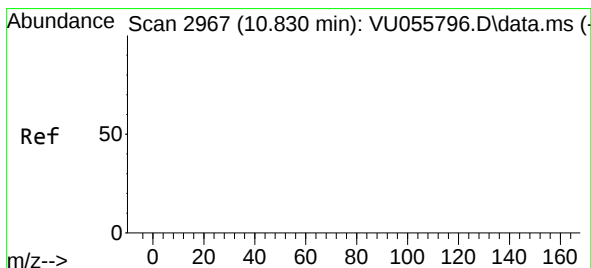
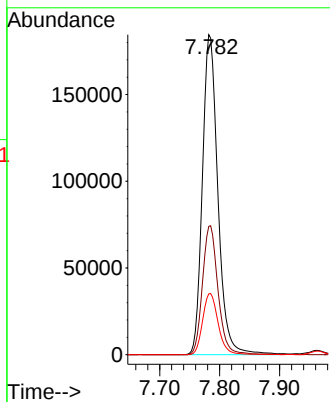
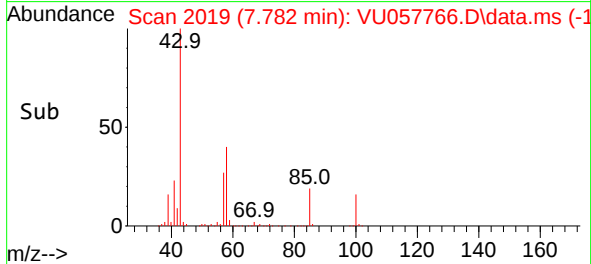
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124



Tgt Ion: 43 Resp: 332520  
Ion Ratio Lower Upper  
43 100  
58 40.3 20.9 62.8  
85 19.2 14.6 21.8

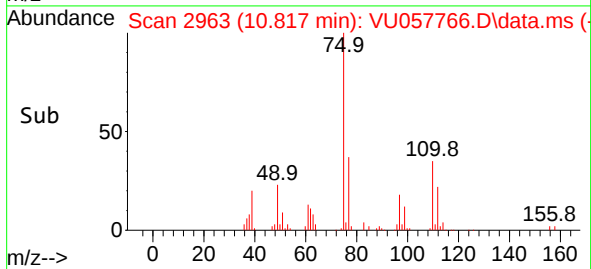
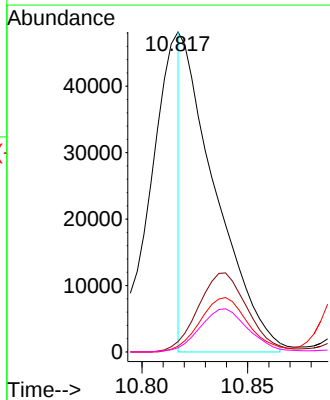
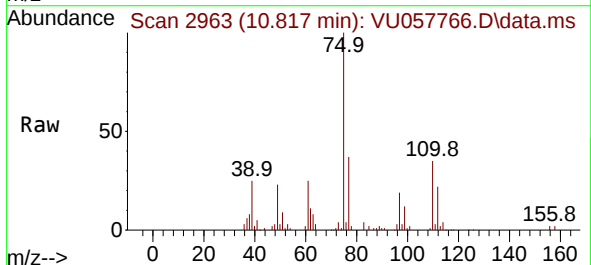
Manual Integrations  
APPROVED

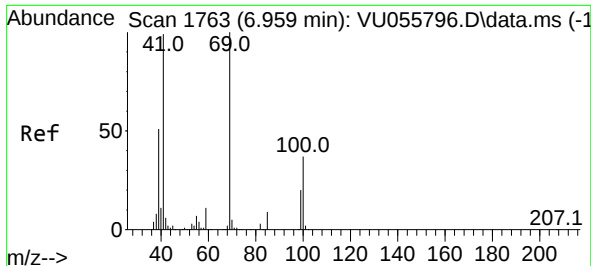
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#46  
t-1,4-Dichloro-2-butene  
Concen: 31.265 ug/l m  
RT: 10.817 min Scan# 2963  
Delta R.T. -0.013 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

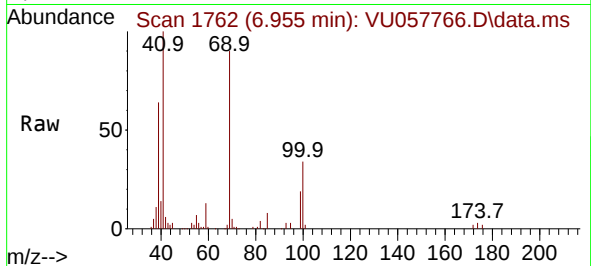
Tgt Ion: 75 Resp: 53645  
Ion Ratio Lower Upper  
75 100  
53 36.3 73.3 109.9#  
89 24.3 48.2 72.4#  
88 19.5 36.4 54.6#





#47  
Methyl methacrylate  
Concen: 10.632 ug/l  
RT: 6.955 min Scan# 1762  
Delta R.T. -0.004 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

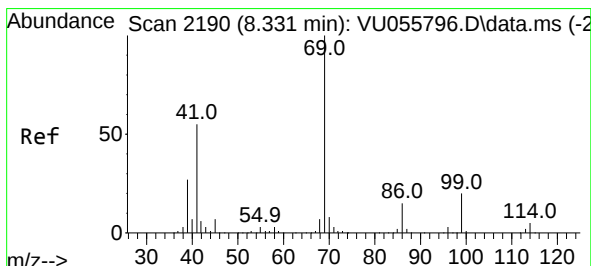
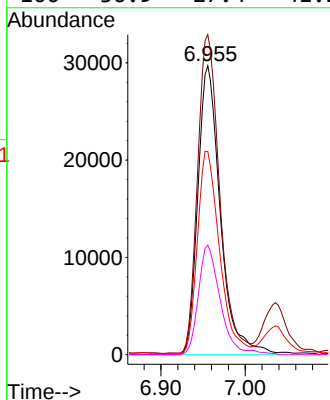
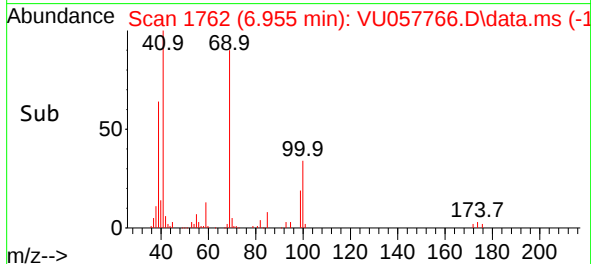
Instrument : MSVOA\_U  
ClientSampleId : ICVVU013124



Tgt Ion: 69 Resp: 5511  
Ion Ratio Lower Upper  
69 100  
41 107.9 0.0 209.2  
39 70.1 46.7 70.1  
100 36.9 27.4 41.2

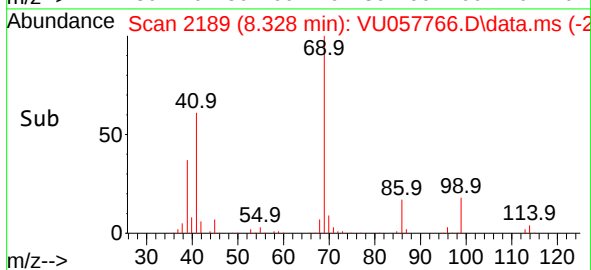
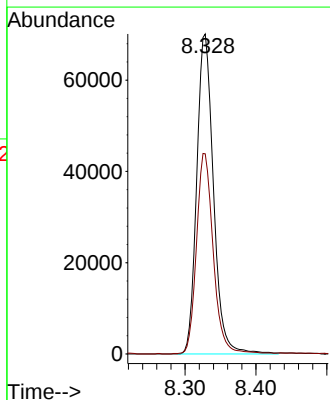
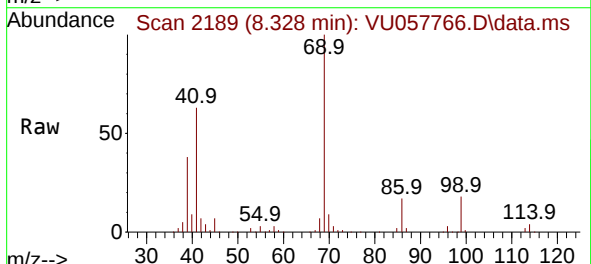
Manual Integrations  
APPROVED

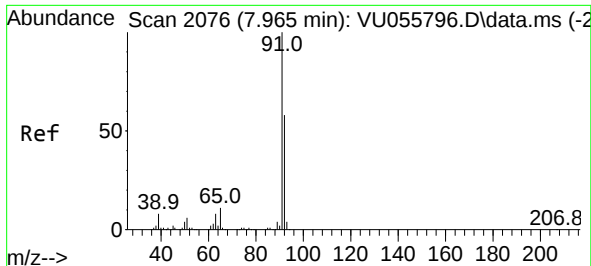
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#48  
Ethyl methacrylate  
Concen: 11.072 ug/l  
RT: 8.328 min Scan# 2189  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

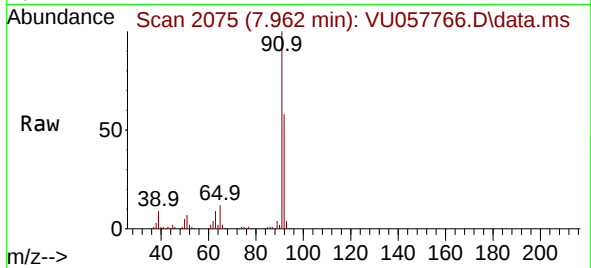
Tgt Ion: 69 Resp: 115039  
Ion Ratio Lower Upper  
69 100  
41 62.9 30.3 90.8





#49  
Toluene  
Concen: 10.742 ug/l  
RT: 7.962 min Scan# 2076  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

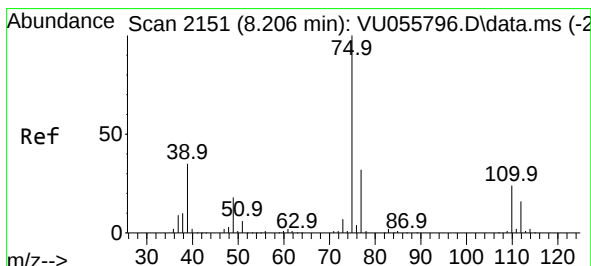
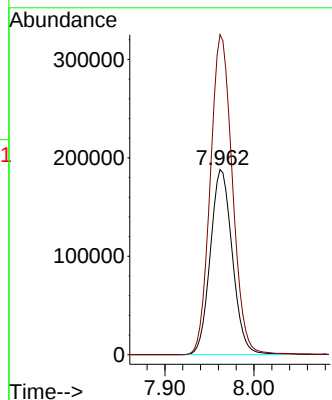
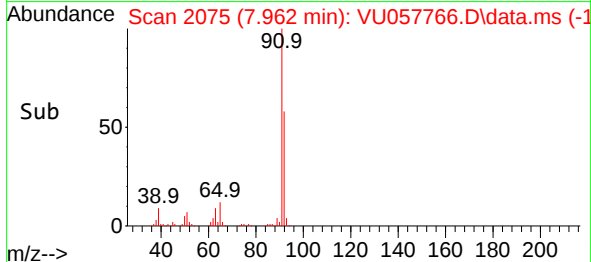
Instrument : MSVOA\_U  
ClientSampleId : ICVVU013124



Tgt Ion: 92 Resp: 322905  
Ion Ratio Lower Upper  
92 100  
91 174.1 143.0 214.6

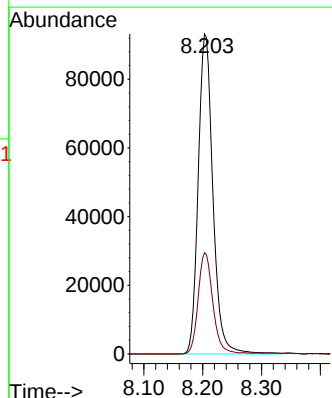
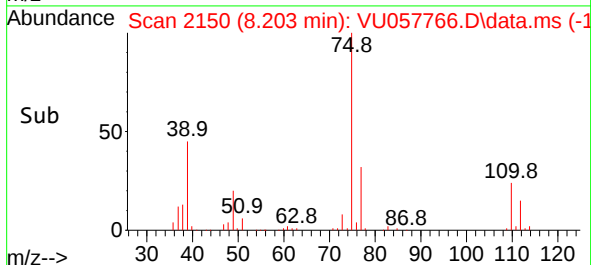
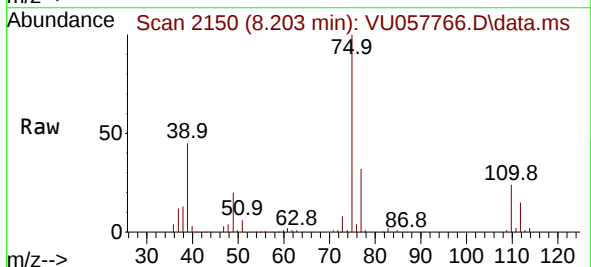
Manual Integrations  
APPROVED

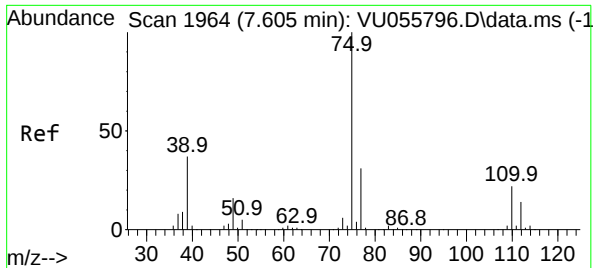
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#50  
t-1,3-Dichloropropene  
Concen: 11.375 ug/l  
RT: 8.203 min Scan# 2150  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

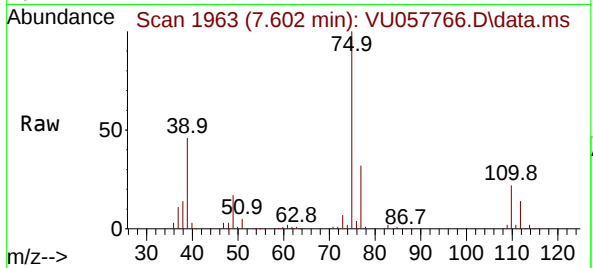
Tgt Ion: 75 Resp: 161338  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.3 37.9





#51  
 cis-1,3-Dichloropropene  
 Concen: 11.012 ug/l  
 RT: 7.602 min Scan# 1964  
 Delta R.T. -0.003 min  
 Lab File: VU057766.D  
 Acq: 31 Jan 2024 17:21

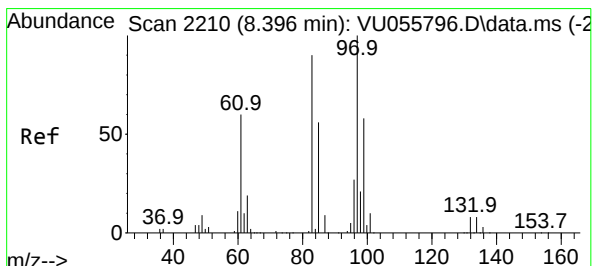
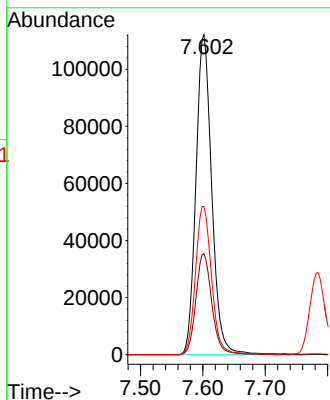
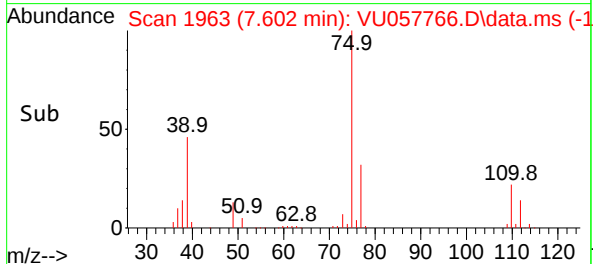
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU013124



Tgt Ion: 75 Resp: 197844  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.7 38.5  
 39 46.2 32.8 49.2

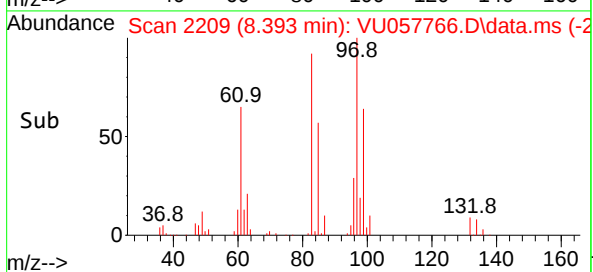
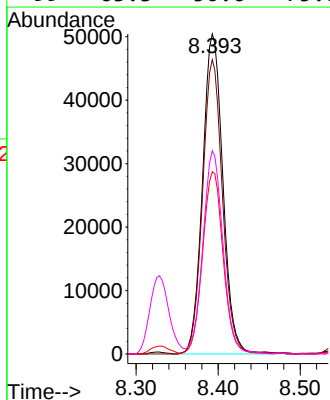
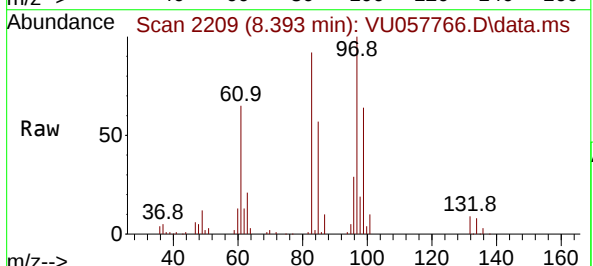
Manual Integrations  
 APPROVED

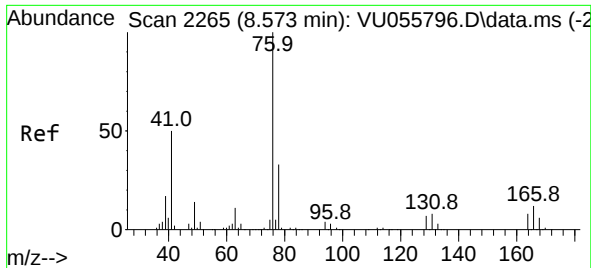
Reviewed By :Mahesh Dadoda 02/01/2024  
 Supervised By :Semsettin Yesilyurt 02/01/2024



#52  
 1,1,2-Trichloroethane  
 Concen: 10.735 ug/l  
 RT: 8.393 min Scan# 2209  
 Delta R.T. -0.003 min  
 Lab File: VU057766.D  
 Acq: 31 Jan 2024 17:21

Tgt Ion: 97 Resp: 86799  
 Ion Ratio Lower Upper  
 97 100  
 83 92.0 71.8 107.8  
 85 56.7 45.2 67.8  
 99 63.3 50.6 75.8





#53

1,3-Dichloropropane

Concen: 10.580 ug/l

RT: 8.570 min Scan# 2265

Delta R.T. -0.003 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU013124

Tgt Ion: 76 Resp: 153759

Ion Ratio Lower Upper

76 100

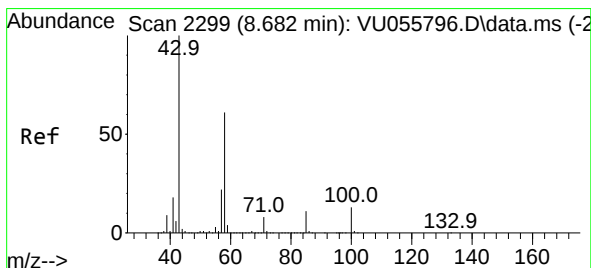
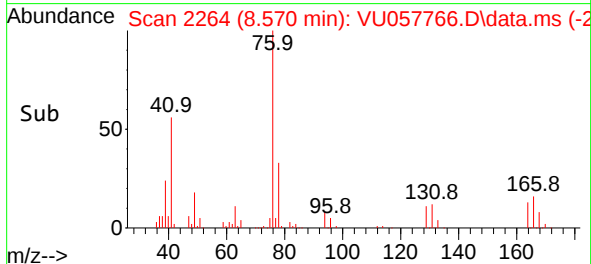
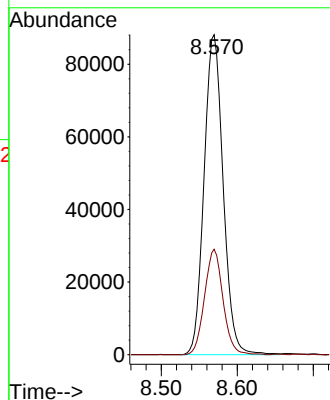
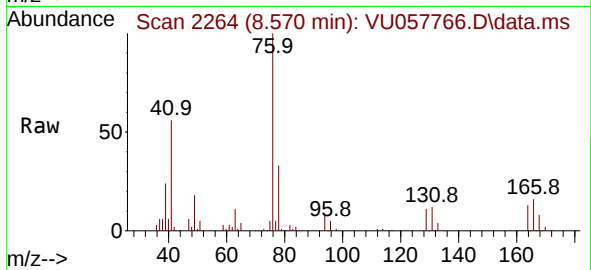
78 31.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#54

2-Hexanone

Concen: 47.784 ug/l

RT: 8.679 min Scan# 2298

Delta R.T. -0.003 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

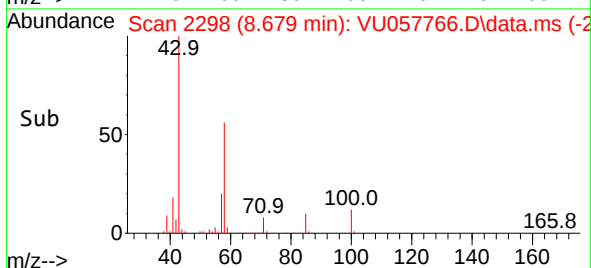
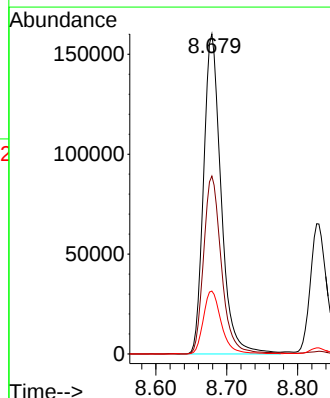
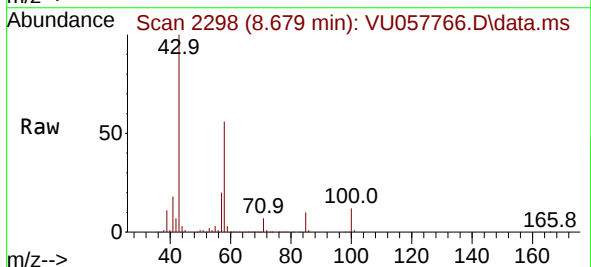
Tgt Ion: 43 Resp: 275089

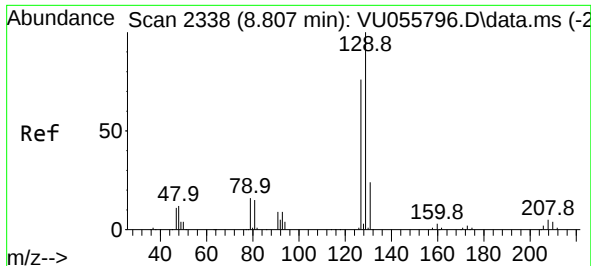
Ion Ratio Lower Upper

43 100

58 56.5 38.2 78.2

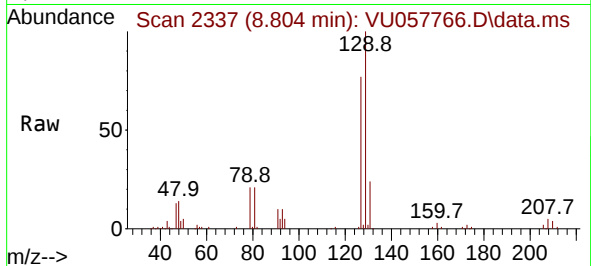
57 20.3 0.0 39.1





#55  
Dibromochloromethane  
Concen: 10.601 ug/l  
RT: 8.804 min Scan# 2337  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

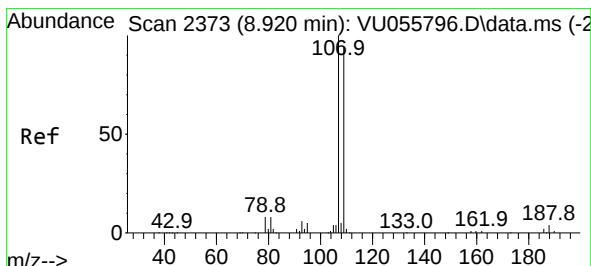
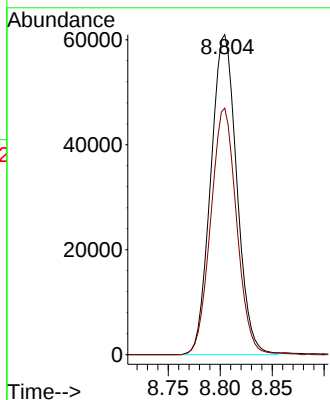
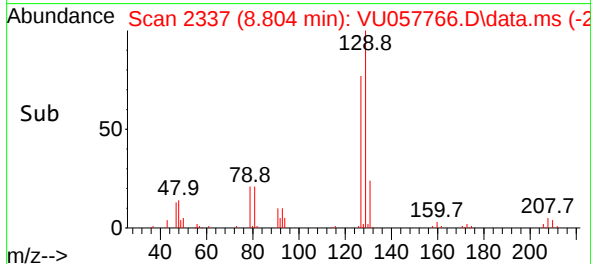
Instrument : MSVOA\_U  
ClientSampleId : ICVVU013124



Tgt Ion:129 Resp: 106093  
Ion Ratio Lower Upper  
129 100  
127 76.8 61.4 92.0

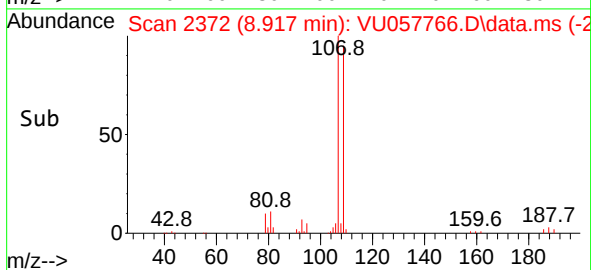
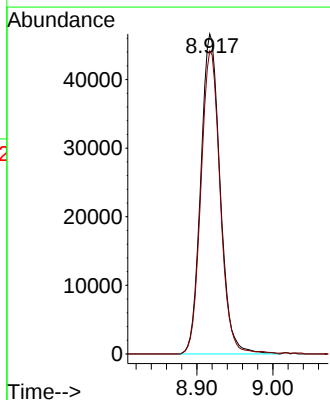
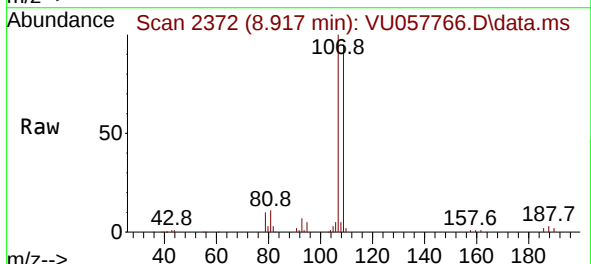
Manual Integrations  
APPROVED

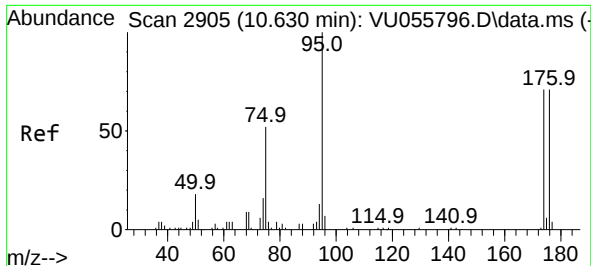
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#56  
1,2-Dibromoethane  
Concen: 11.085 ug/l  
RT: 8.917 min Scan# 2372  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

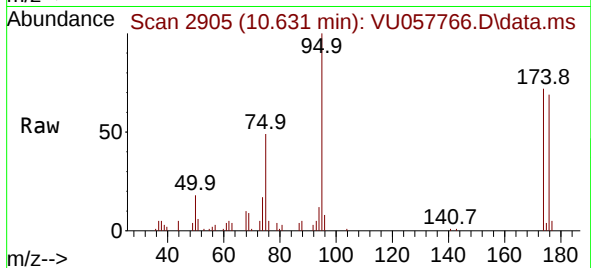
Tgt Ion:107 Resp: 82485  
Ion Ratio Lower Upper  
107 100  
109 93.7 0.0 184.4





#57  
4-Bromofluorobenzene  
Concen: 0.991 ug/l  
RT: 10.631 min Scan# 2905  
Delta R.T. 0.001 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

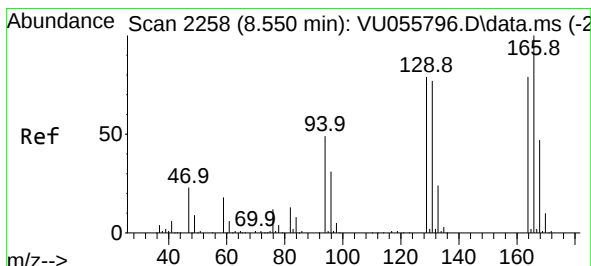
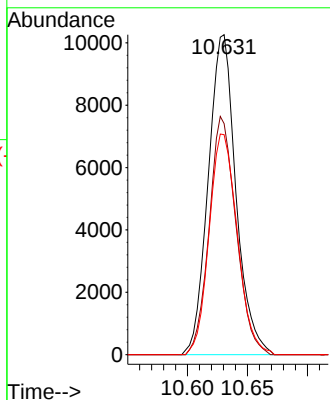
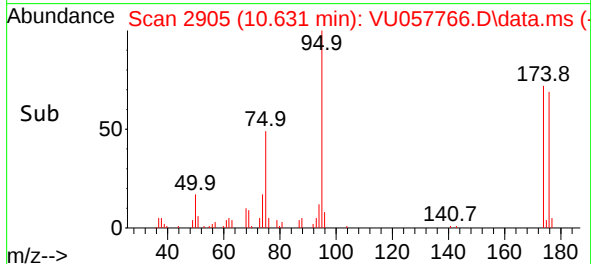
Instrument : MSVOA\_U  
ClientSampleId : ICVVU013124



Tgt Ion: 95 Resp: 16480  
Ion Ratio Lower Upper  
95 100  
174 72.1 63.3 94.9  
176 70.1 59.3 88.9

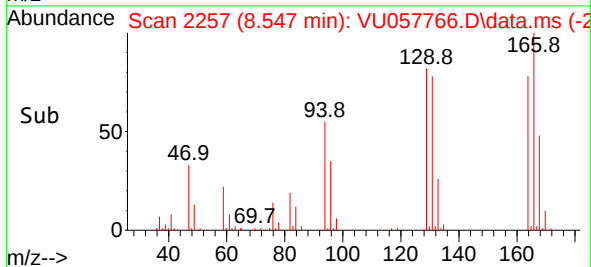
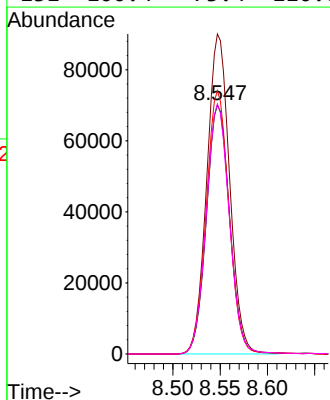
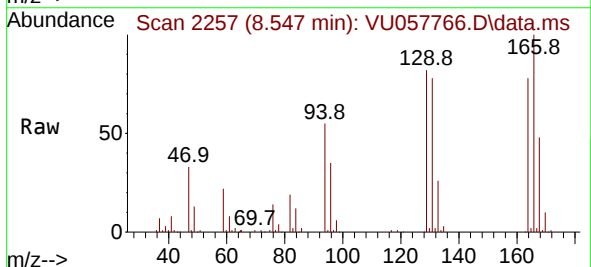
Manual Integrations  
APPROVED

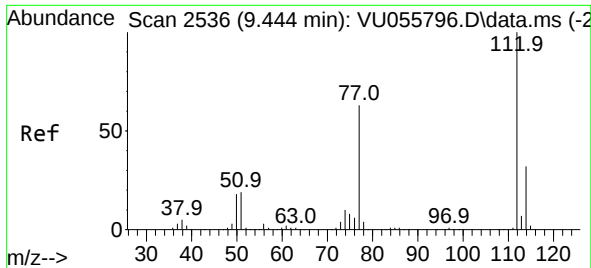
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#58  
Tetrachloroethene  
Concen: 10.354 ug/l  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

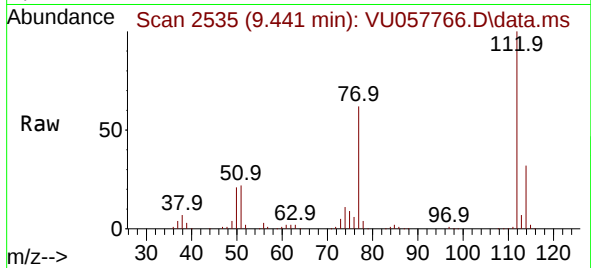
Tgt Ion:164 Resp: 119395  
Ion Ratio Lower Upper  
164 100  
166 128.5 99.6 149.4  
129 105.7 78.6 117.8  
131 100.4 73.4 110.0





#59  
Chlorobenzene  
Concen: 10.211 ug/l  
RT: 9.441 min Scan# 2535  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

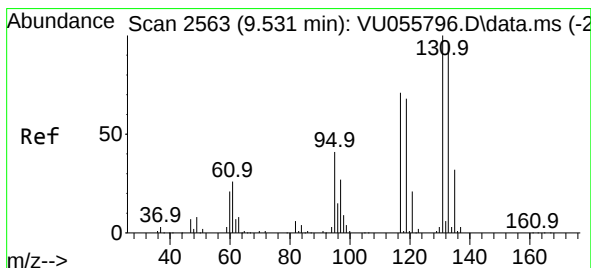
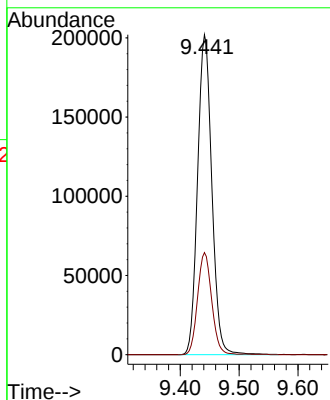
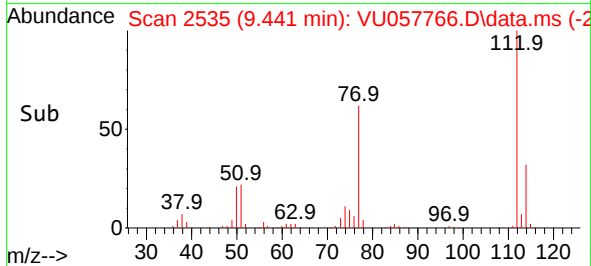
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124



Tgt Ion:112 Resp: 339384  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.6 38.4

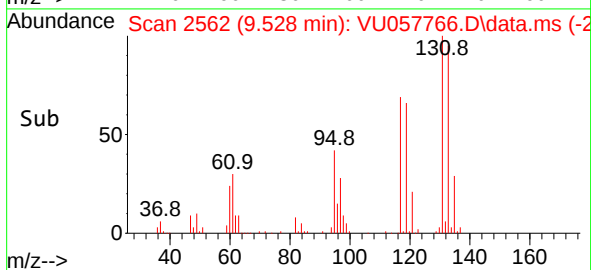
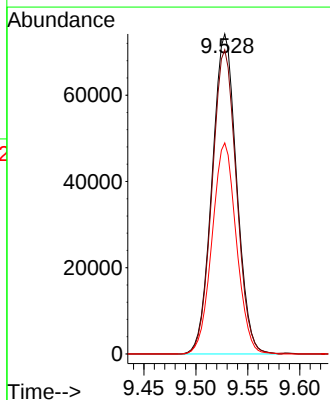
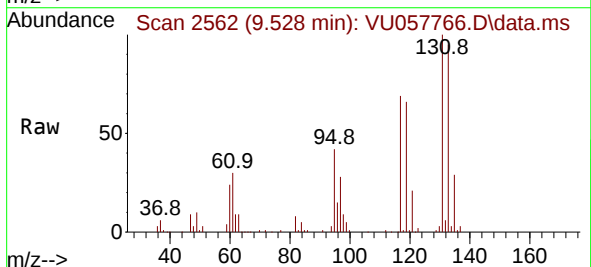
Manual Integrations  
APPROVED

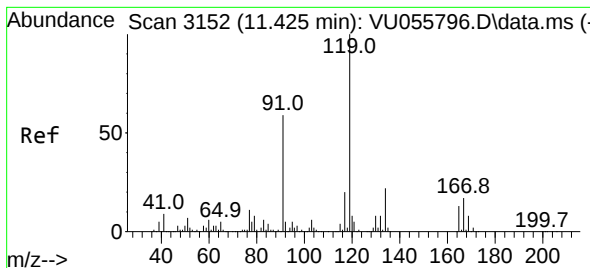
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#60  
1,1,1,2-Tetrachloroethane  
Concen: 10.784 ug/l  
RT: 9.528 min Scan# 2562  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion:131 Resp: 121670  
Ion Ratio Lower Upper  
131 100  
133 94.8 77.8 116.6  
119 65.4 55.2 82.8





#61

Pentachloroethane

Concen: 11.206 ug/l

RT: 11.422 min Scan# 3152

Delta R.T. -0.003 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU013124

Tgt Ion:117 Resp: 91915

Ion Ratio Lower Upper

117 100

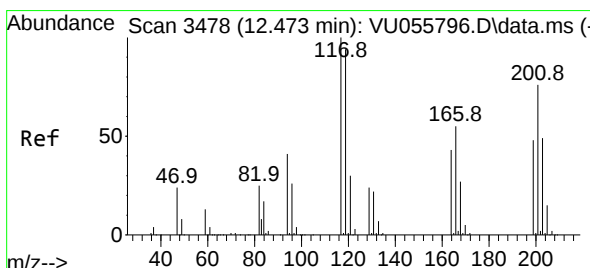
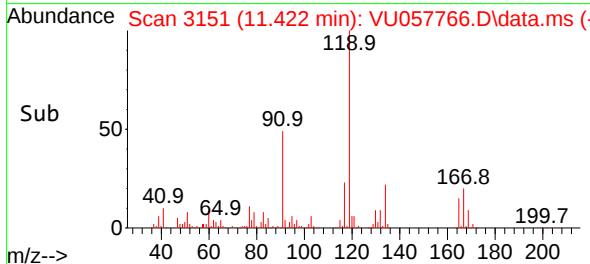
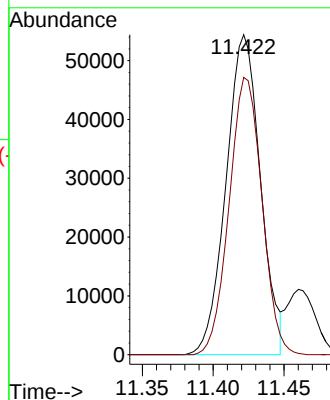
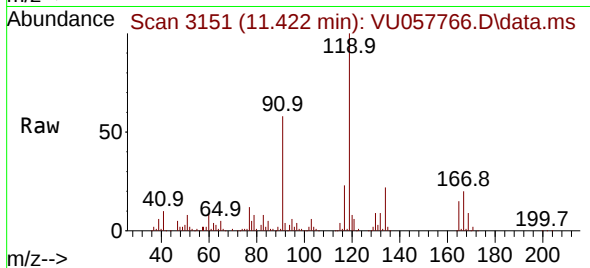
167 82.6 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#62

Hexachloroethane

Concen: 9.025 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. -0.003 min

Lab File: VU057766.D

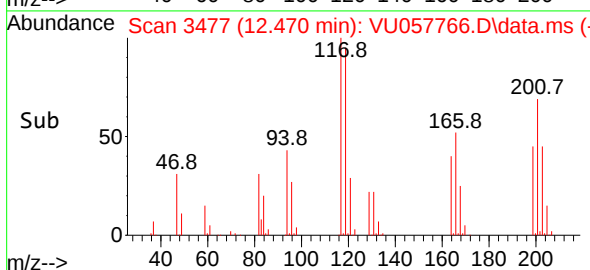
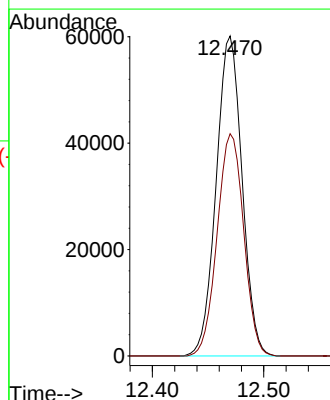
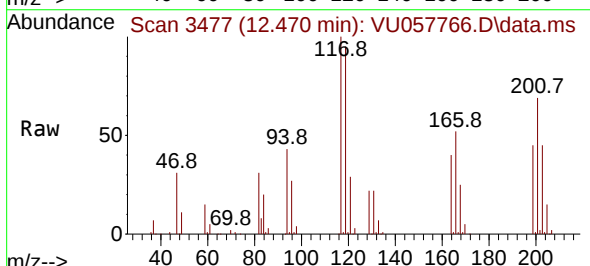
Acq: 31 Jan 2024 17:21

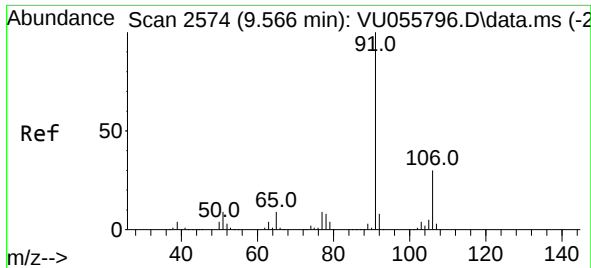
Tgt Ion:117 Resp: 97216

Ion Ratio Lower Upper

117 100

201 71.1 59.6 89.4





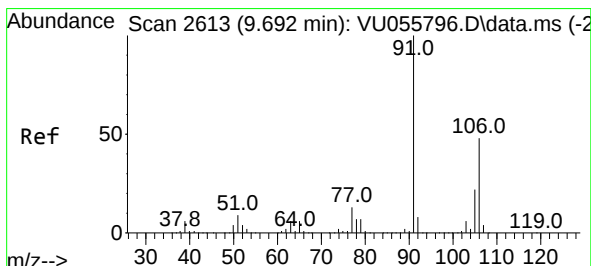
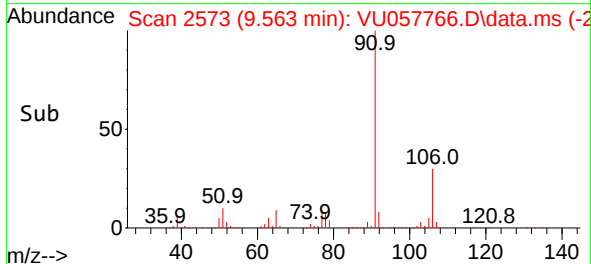
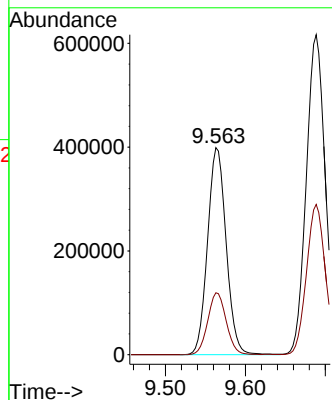
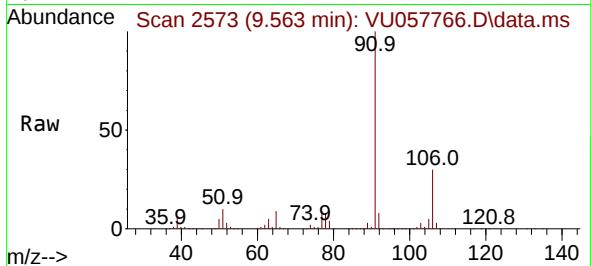
#63  
Ethyl Benzene  
Concen: 10.922 ug/l  
RT: 9.563 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124

Tgt Ion: 91 Resp: 64558  
Ion Ratio Lower Upper  
91 100  
106 29.9 24.2 36.2

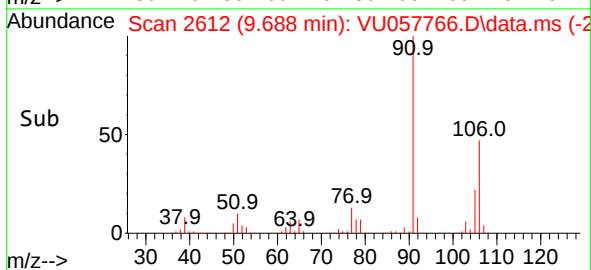
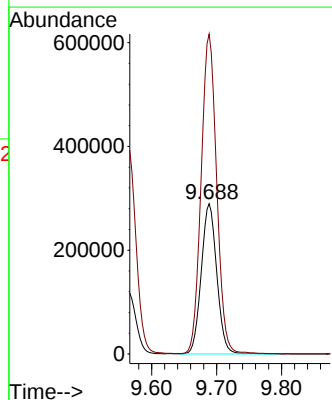
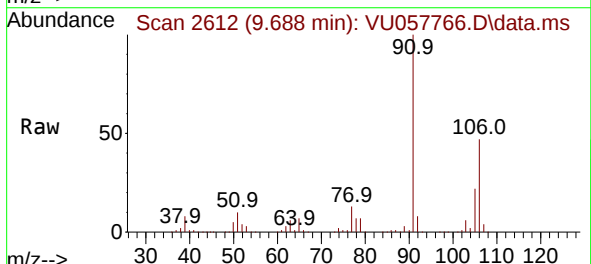
Manual Integrations  
APPROVED

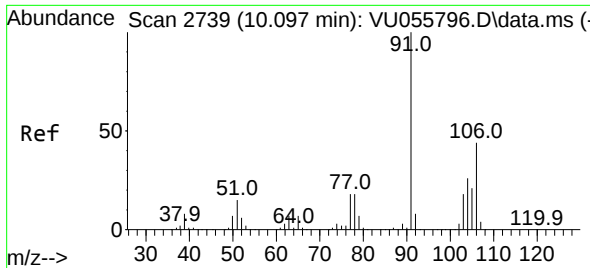
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#64  
m/p-Xylenes  
Concen: 22.388 ug/l  
RT: 9.688 min Scan# 2612  
Delta R.T. -0.004 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion:106 Resp: 480597  
Ion Ratio Lower Upper  
106 100  
91 214.3 167.3 250.9





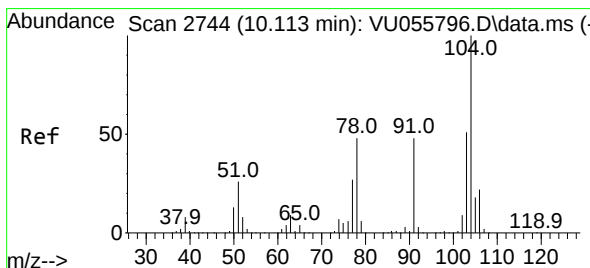
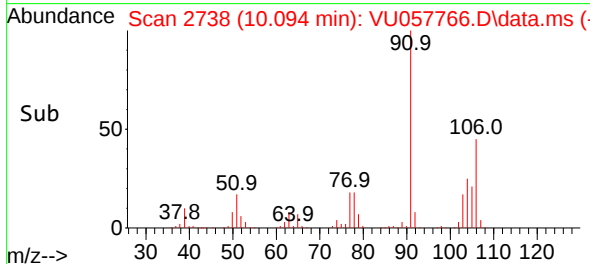
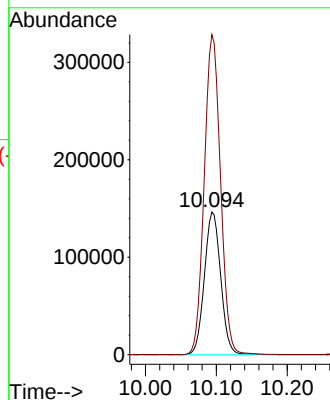
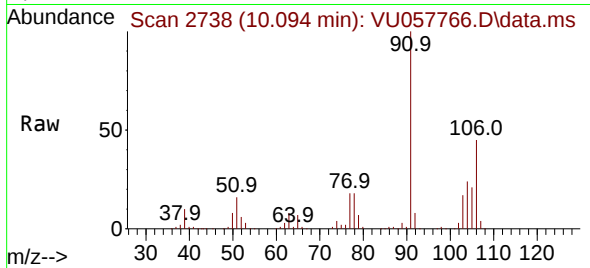
#65  
o-Xylene  
Concen: 10.995 ug/l  
RT: 10.094 min Scan# 2738  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124

Tgt Ion:106 Resp: 23363  
Ion Ratio Lower Upper  
106 100  
91 224.7 109.3 327.9

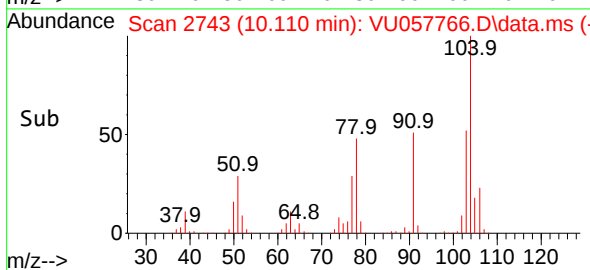
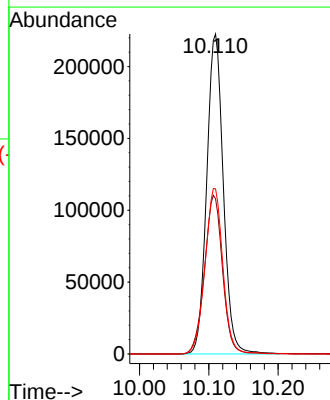
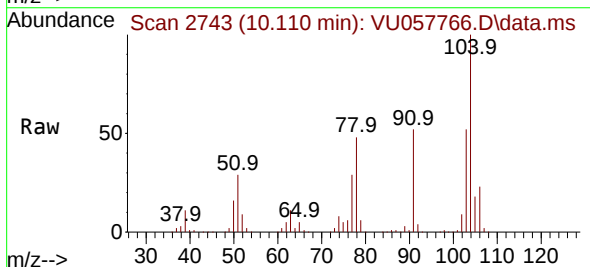
Manual Integrations  
APPROVED

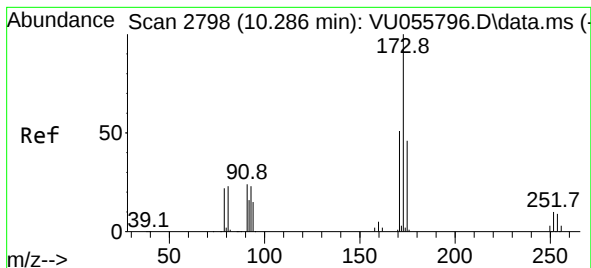
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#66  
Styrene  
Concen: 11.647 ug/l  
RT: 10.110 min Scan# 2743  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion:104 Resp: 369408  
Ion Ratio Lower Upper  
104 100  
78 53.7 39.7 59.5  
103 55.8 44.8 67.2





#67

Bromoform

Concen: 11.138 ug/l

RT: 10.283 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU013124

Tgt Ion:173 Resp: 57370

Ion Ratio Lower Upper

173 100

175 48.4 39.0 58.6

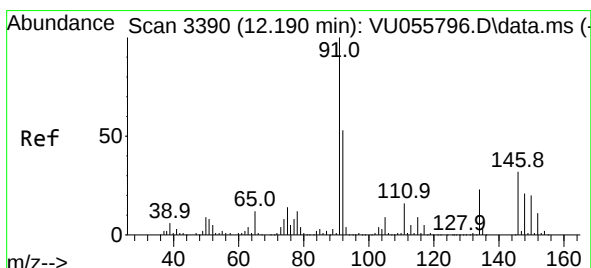
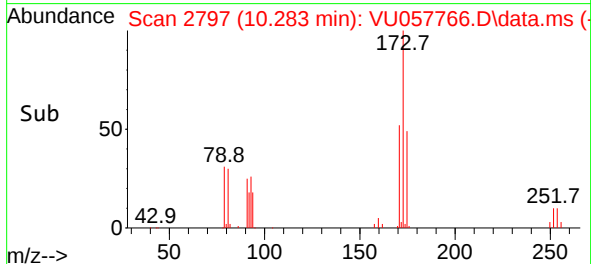
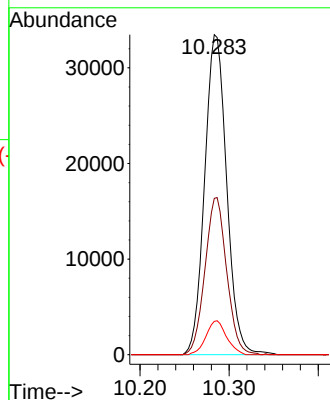
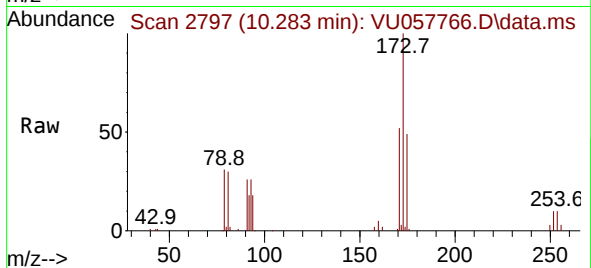
254 9.9 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#68

1,2-Dichlorobenzene-d4

Concen: 0.975 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. -0.003 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

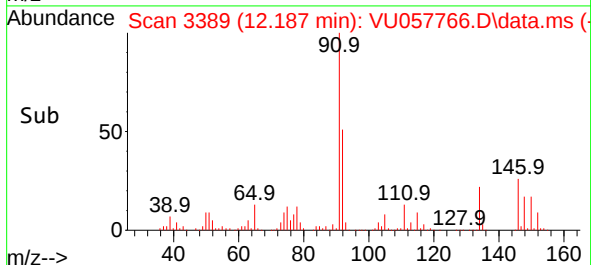
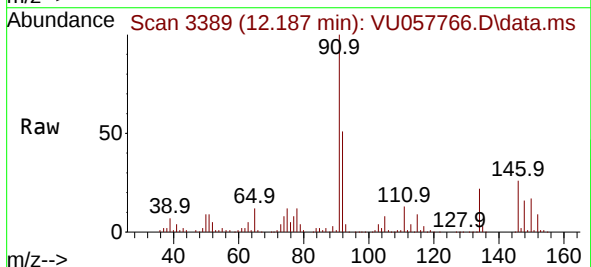
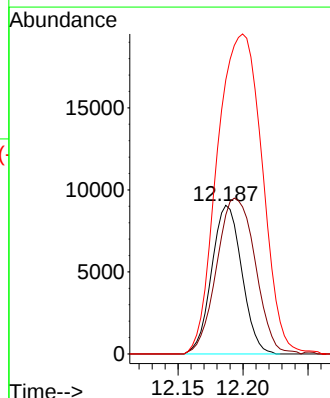
Tgt Ion:152 Resp: 14599

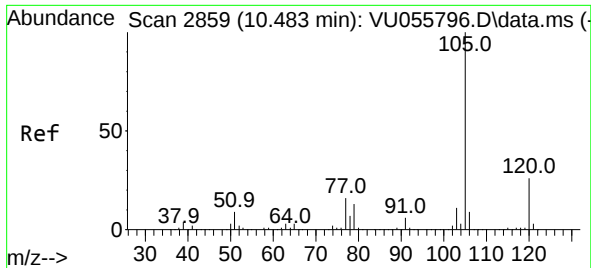
Ion Ratio Lower Upper

152 100

115 134.7 0.0 308.8

150 321.6 0.0 635.0





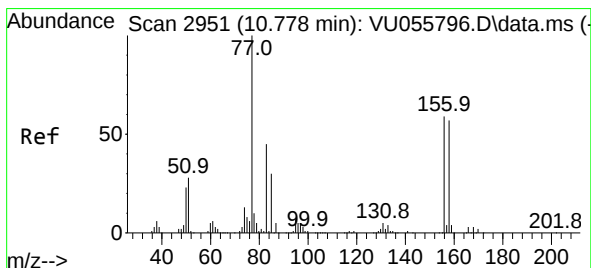
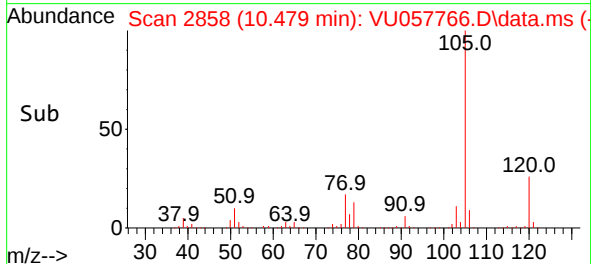
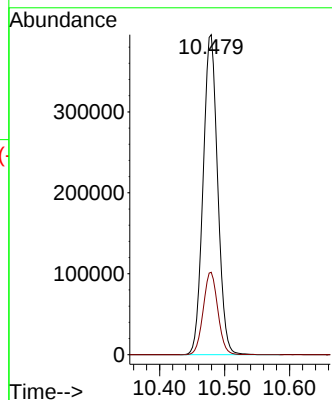
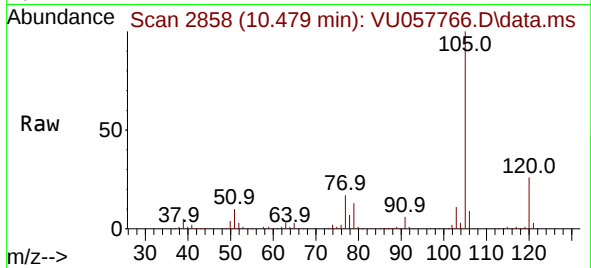
#69  
Isopropylbenzene  
Concen: 11.087 ug/l  
RT: 10.479 min Scan# 2859  
Delta R.T. -0.004 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Instrument : MSVOA\_U  
ClientSampleId : ICVVU013124

Tgt Ion:105 Resp: 61762  
Ion Ratio Lower Upper  
105 100  
120 25.8 12.8 38.4

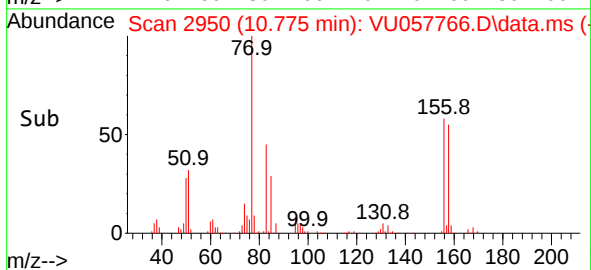
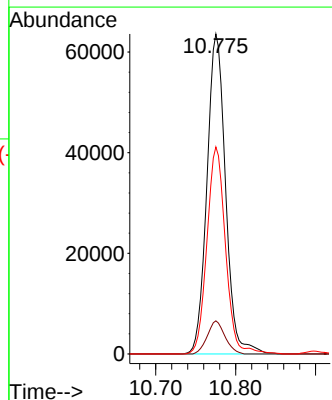
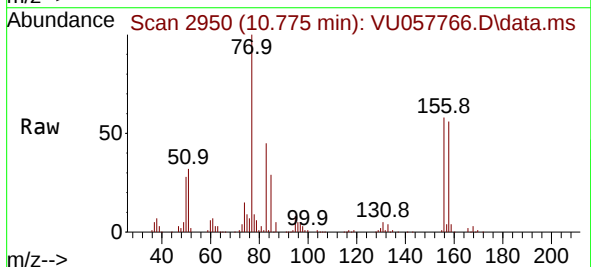
Manual Integrations  
APPROVED

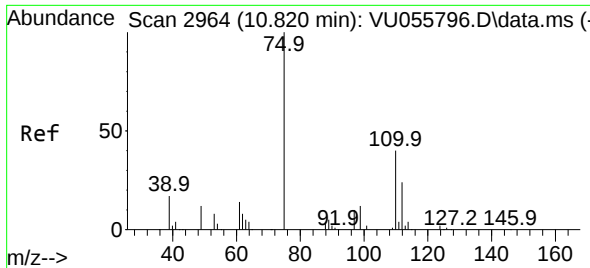
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#70  
1,1,2,2-Tetrachloroethane  
Concen: 10.177 ug/l  
RT: 10.775 min Scan# 2950  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion: 83 Resp: 103134  
Ion Ratio Lower Upper  
83 100  
131 9.8 7.2 10.8  
85 64.5 50.5 75.7





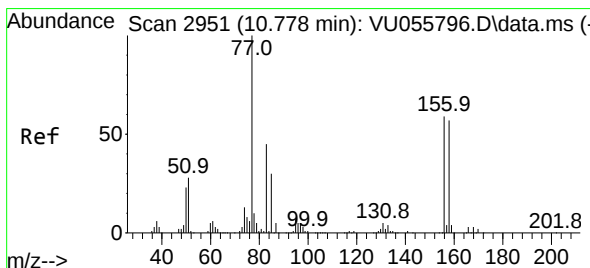
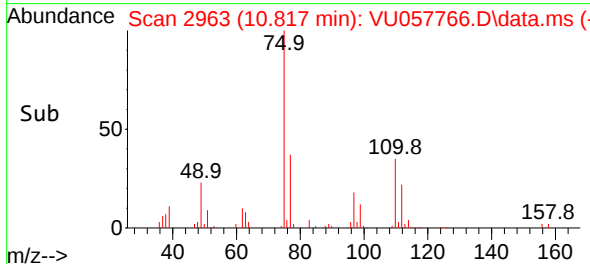
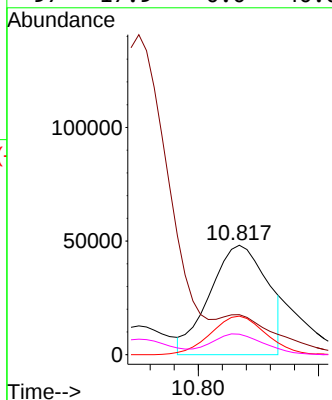
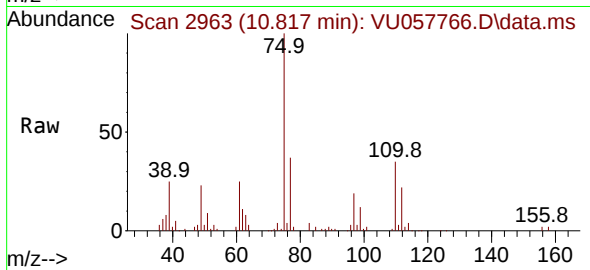
#71  
1,2,3-Trichloropropane  
Concen: 8.874 ug/l m  
RT: 10.817 min Scan# 2963  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Instrument : MSVOA\_U  
ClientSampleId : ICVVU013124

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 7961  |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 0.0      | 0.0 116.4   |
| 110 34.1    | 0.0 74.6    |
| 97 17.9     | 0.0 40.0    |

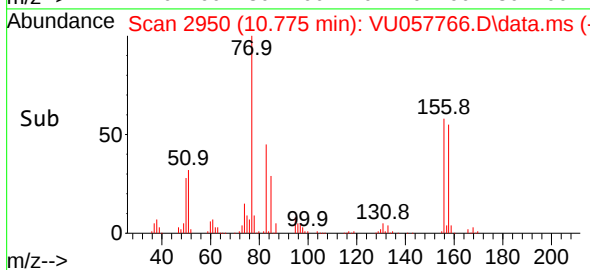
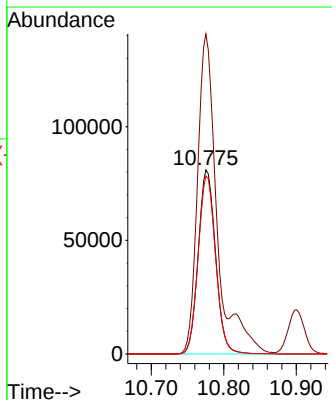
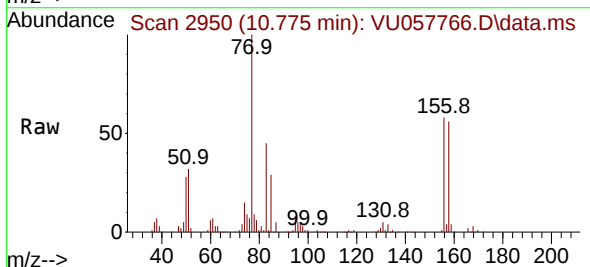
Manual Integrations  
APPROVED

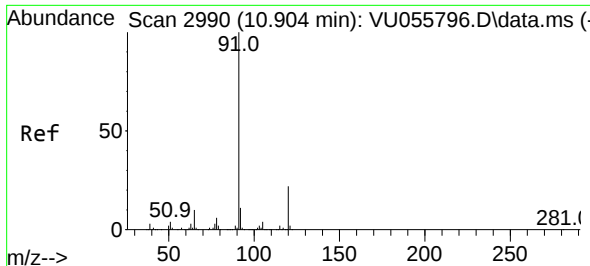
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#72  
Bromobenzene  
Concen: 10.976 ug/l  
RT: 10.775 min Scan# 2950  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

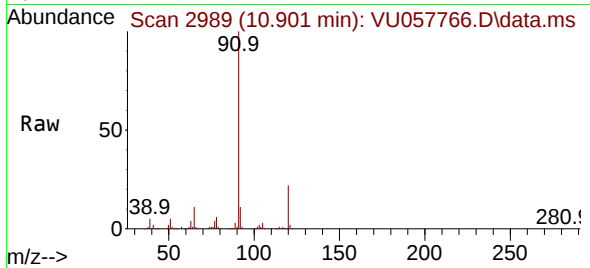
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:156 | Resp: | 134556 |
| Ion | Ratio   | Lower | Upper  |
| 156 | 100     |       |        |
| 77  | 172.8   | 0.0   | 343.0  |
| 158 | 97.3    | 0.0   | 194.8  |





#73  
n-propylbenzene  
Concen: 11.570 ug/l  
RT: 10.901 min Scan# 2990  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

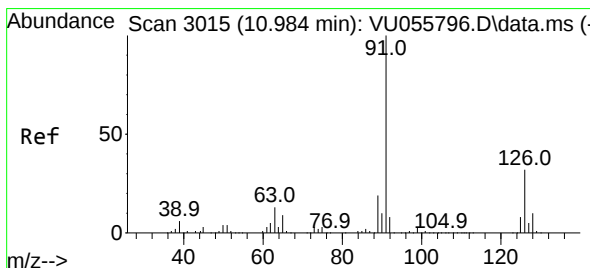
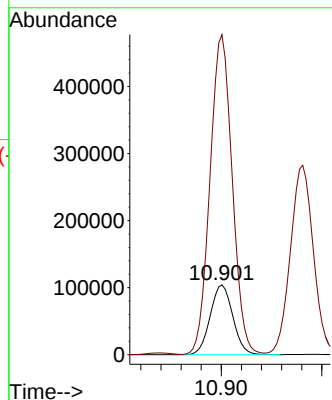
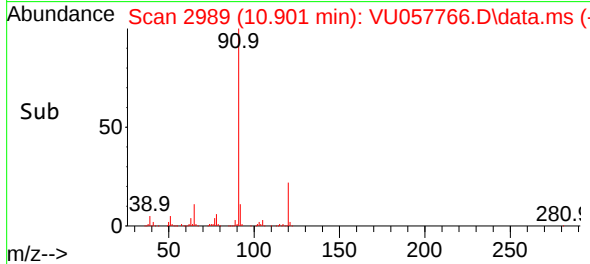
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124



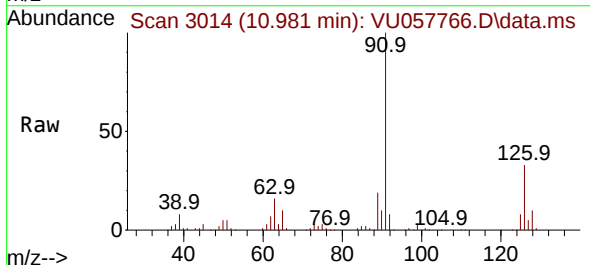
Tgt Ion:120 Resp: 16195  
Ion Ratio Lower Upper  
120 100  
91 451.5 369.8 554.6

Manual Integrations  
APPROVED

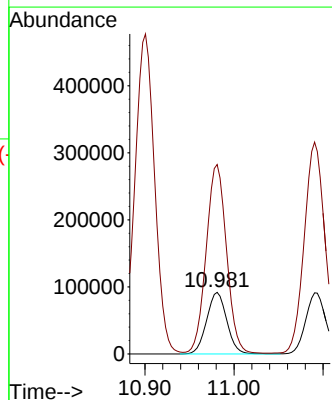
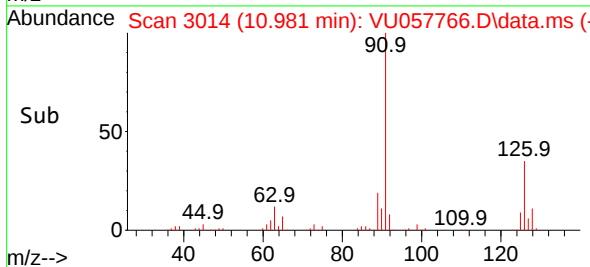
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024

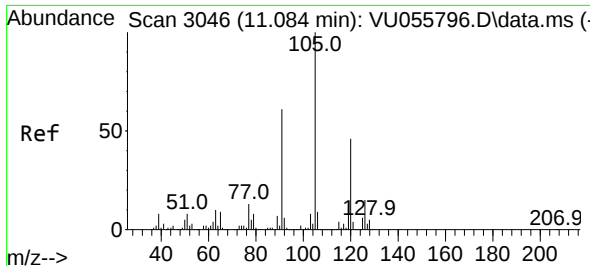


#74  
2-Chlorotoluene  
Concen: 11.090 ug/l  
RT: 10.981 min Scan# 3014  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21



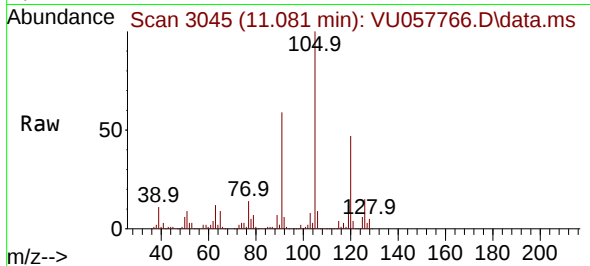
Tgt Ion:126 Resp: 144006  
Ion Ratio Lower Upper  
126 100  
91 311.0 0.0 610.0





#75  
1,3,5-Trimethylbenzene  
Concen: 11.182 ug/l  
RT: 11.081 min Scan# 3045  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

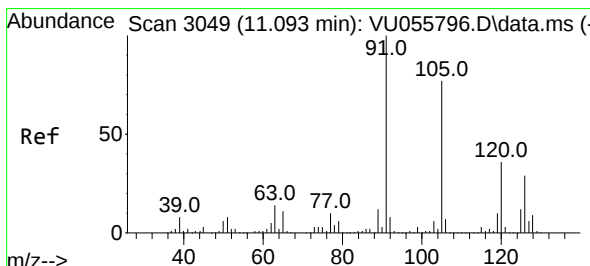
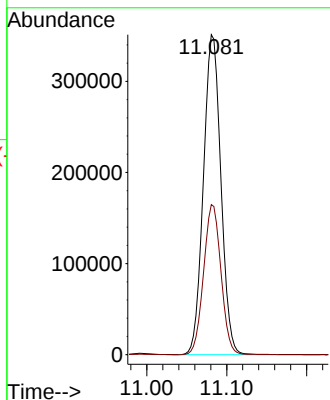
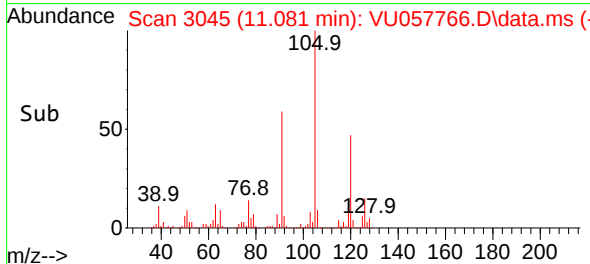
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124



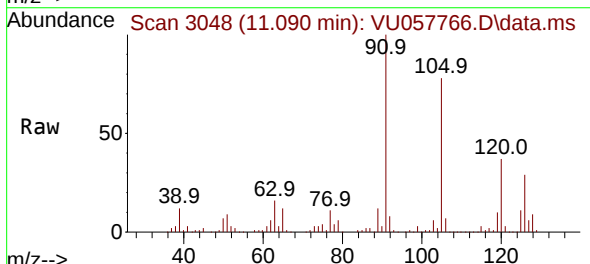
Tgt Ion:105 Resp: 535084  
Ion Ratio Lower Upper  
105 100  
120 46.7 37.8 56.8

Manual Integrations  
APPROVED

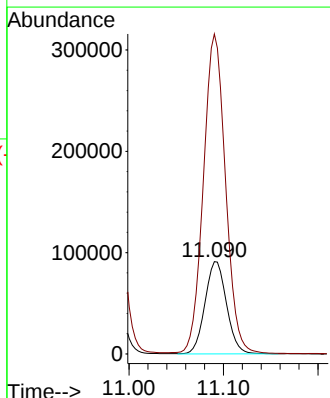
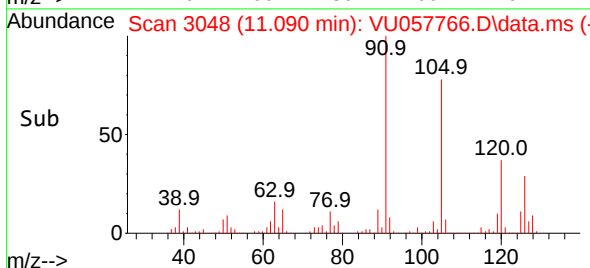
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024

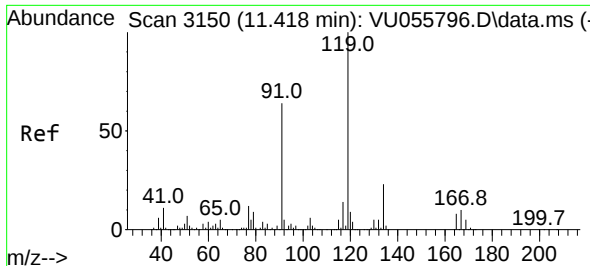


#76  
4-Chlorotoluene  
Concen: 11.048 ug/l  
RT: 11.090 min Scan# 3048  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21



Tgt Ion:126 Resp: 144182  
Ion Ratio Lower Upper  
126 100  
91 355.7 0.0 686.2





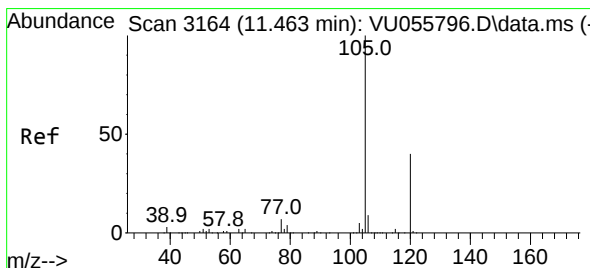
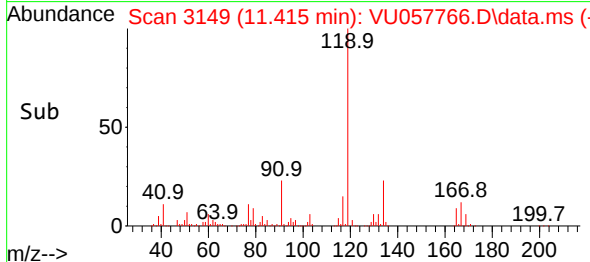
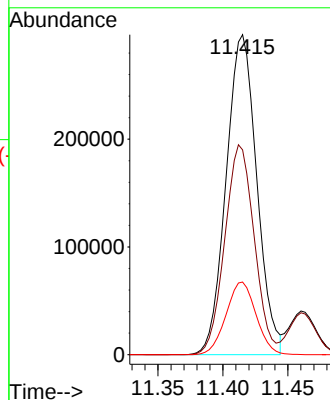
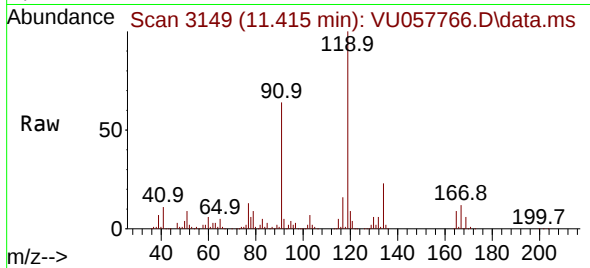
#77  
tert-Butylbenzene  
Concen: 10.883 ug/l  
RT: 11.415 min Scan# 3149  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Instrument : MSVOA\_U  
ClientSampleId : ICVVU013124

Tgt Ion:119 Resp: 488668  
Ion Ratio Lower Upper  
119 100  
91 62.9 30.8 92.4  
134 22.3 18.0 27.0

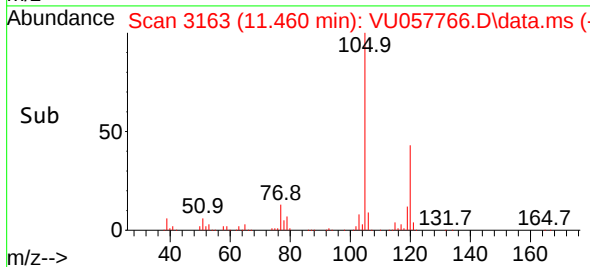
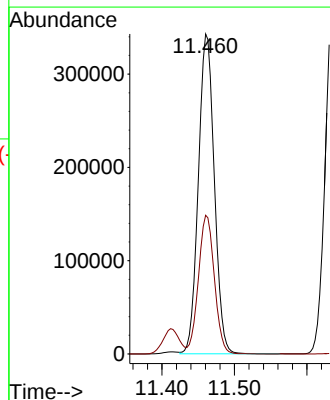
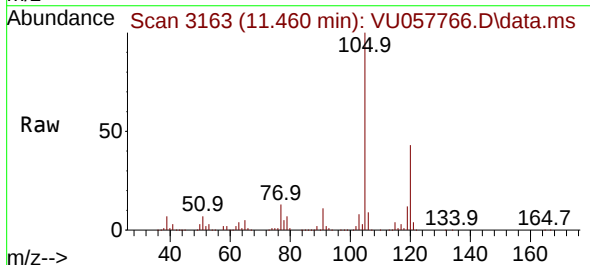
Manual Integrations  
APPROVED

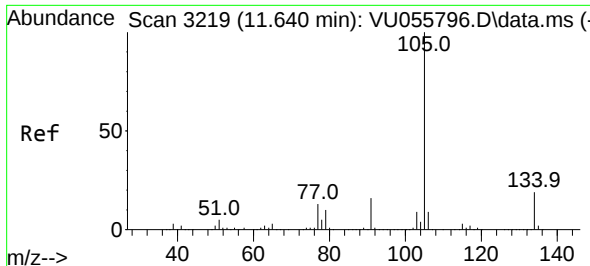
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#78  
1,2,4-Trimethylbenzene  
Concen: 10.778 ug/l  
RT: 11.460 min Scan# 3163  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion:105 Resp: 523078  
Ion Ratio Lower Upper  
105 100  
120 43.3 21.9 65.8





#79

sec-Butylbenzene

Concen: 10.778 ug/l

RT: 11.637 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU013124

Tgt Ion:105 Resp: 61860

Ion Ratio Lower Upper

105 100

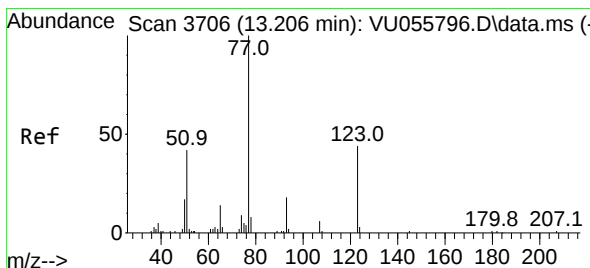
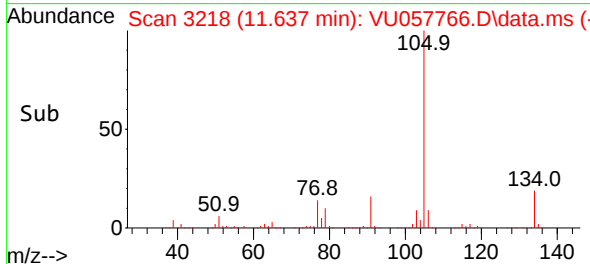
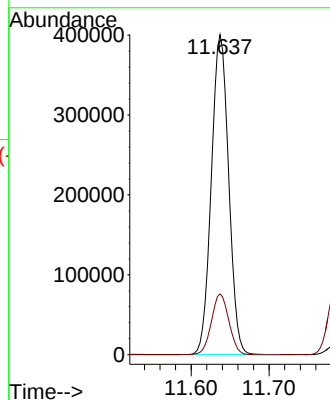
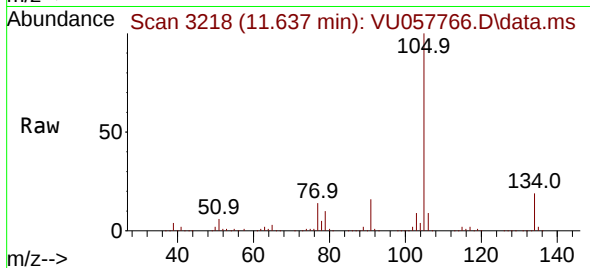
134 19.1 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#80

Nitrobenzene

Concen: 10.371 ug/l

RT: 13.209 min Scan# 3707

Delta R.T. 0.003 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

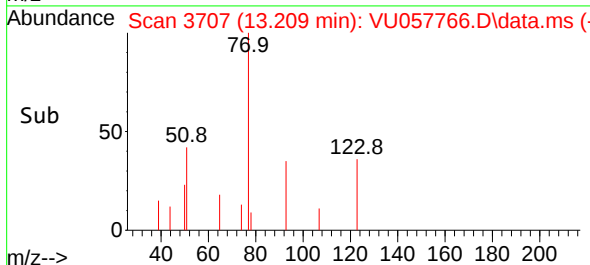
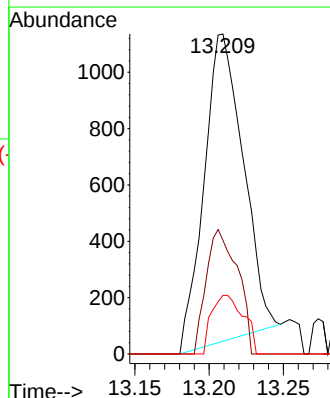
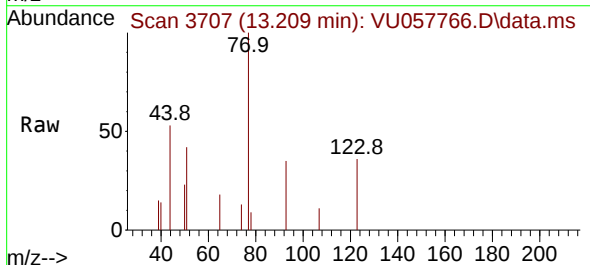
Tgt Ion: 77 Resp: 2003

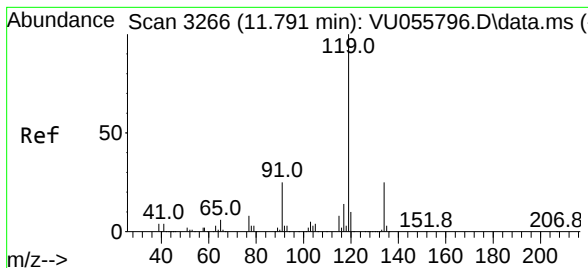
Ion Ratio Lower Upper

77 100

123 32.3 19.7 69.7

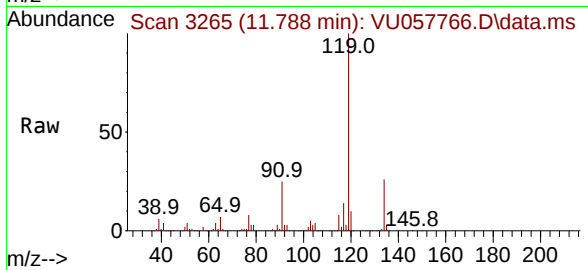
65 0.0 11.5 14.7#





#81  
p-Isopropyltoluene  
Concen: 10.885 ug/l  
RT: 11.788 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

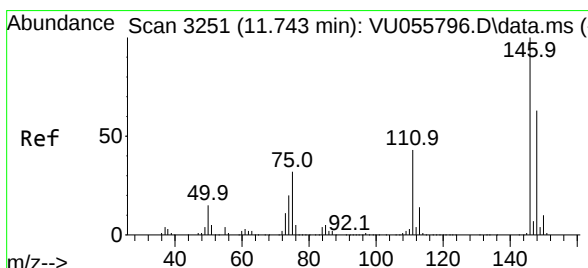
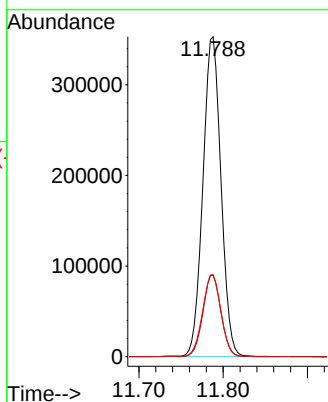
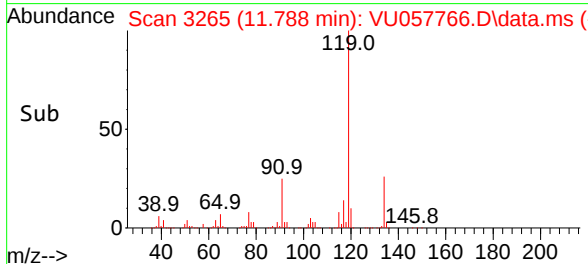
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124



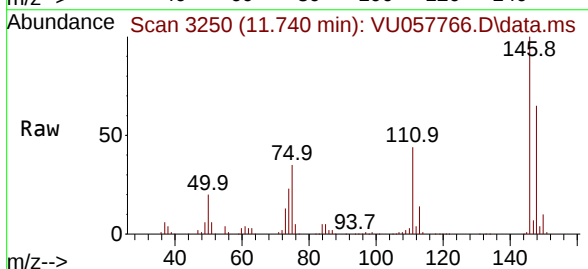
Tgt Ion:119 Resp: 526754  
Ion Ratio Lower Upper  
119 100  
134 25.6 20.2 30.4  
91 26.0 19.3 28.9

Manual Integrations  
APPROVED

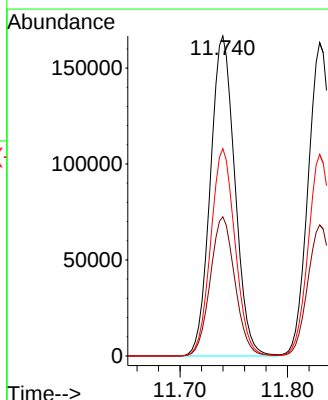
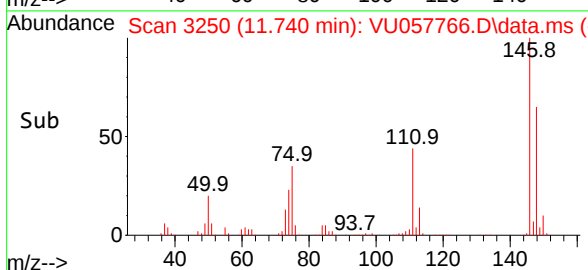
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024

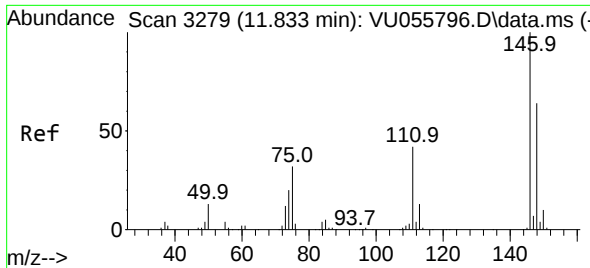


#82  
1,3-Dichlorobenzene  
Concen: 10.672 ug/l  
RT: 11.740 min Scan# 3250  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21



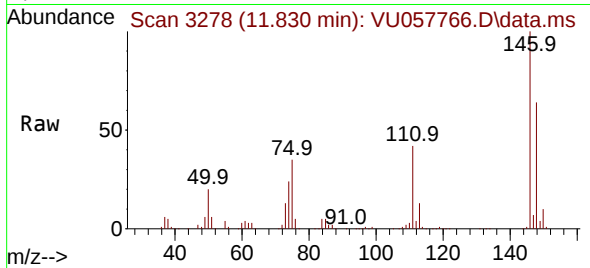
Tgt Ion:146 Resp: 264496  
Ion Ratio Lower Upper  
146 100  
111 43.7 32.6 49.0  
148 64.3 51.0 76.4





#83  
1,4-Dichlorobenzene  
Concen: 10.729 ug/l  
RT: 11.830 min Scan# 3279  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

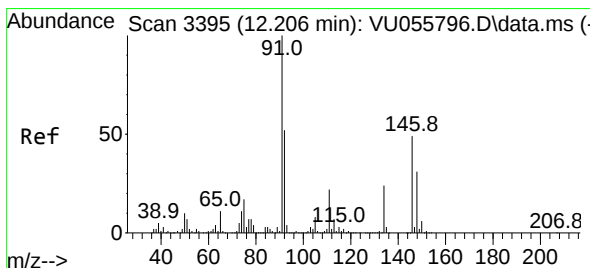
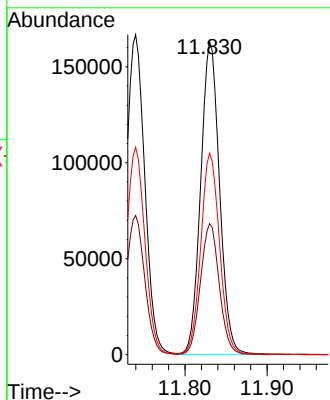
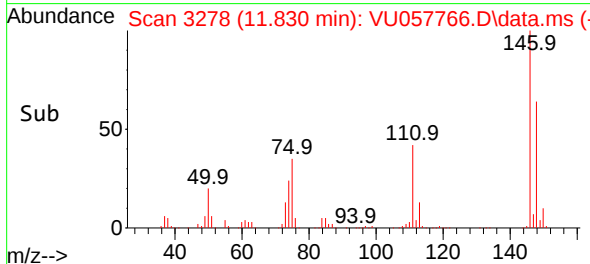
Instrument : MSVOA\_U  
ClientSampleId : ICVVU013124



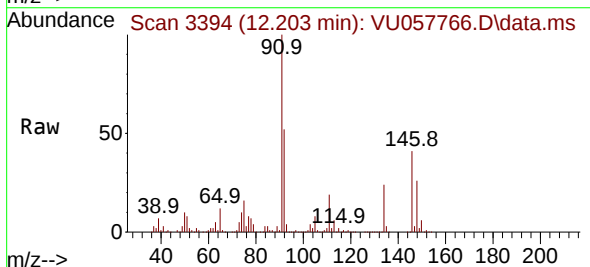
Tgt Ion:146 Resp: 259578  
Ion Ratio Lower Upper  
146 100  
111 42.0 31.6 47.4  
148 63.9 50.3 75.5

Manual Integrations  
APPROVED

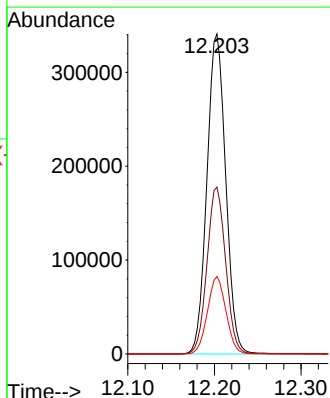
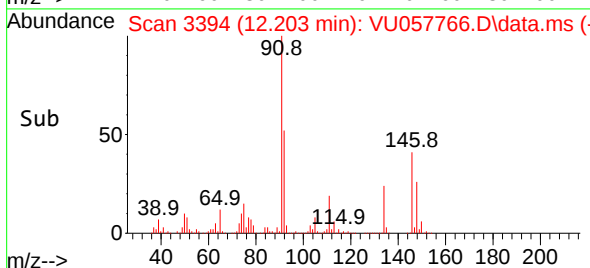
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024

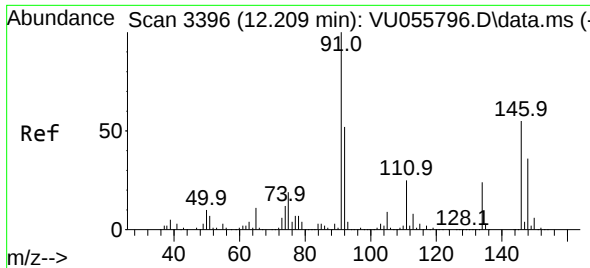


#84  
n-Butylbenzene  
Concen: 11.097 ug/l  
RT: 12.203 min Scan# 3394  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21



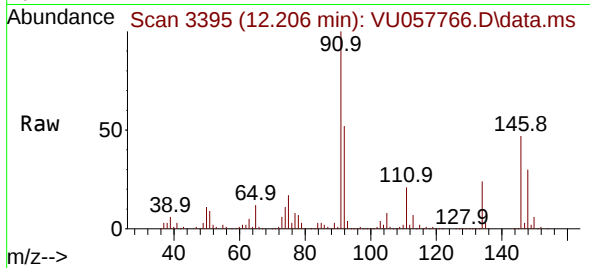
Tgt Ion: 91 Resp: 513517  
Ion Ratio Lower Upper  
91 100  
92 51.9 40.8 61.2  
134 23.8 18.4 27.6





#85  
1,2-Dichlorobenzene  
Concen: 10.593 ug/l  
RT: 12.206 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

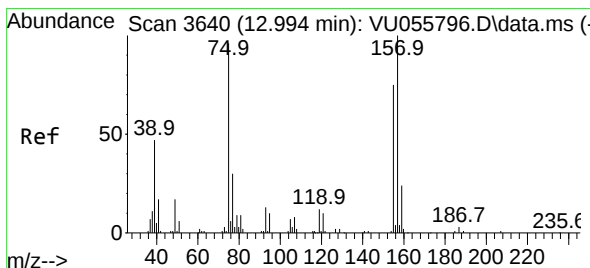
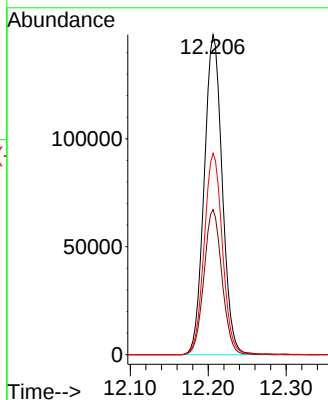
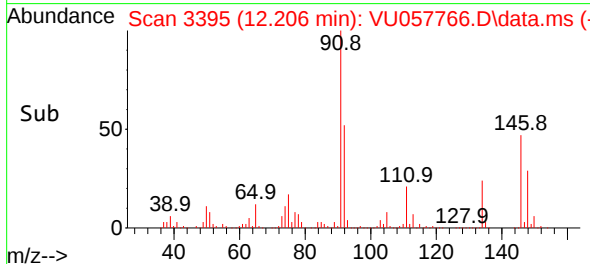
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124



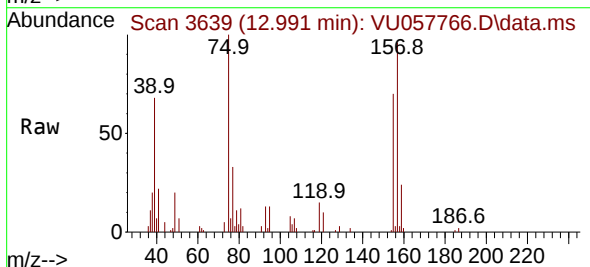
Tgt Ion:146 Resp: 23820  
Ion Ratio Lower Upper  
146 100  
111 45.3 21.6 64.6  
148 63.6 32.1 96.5

Manual Integrations  
APPROVED

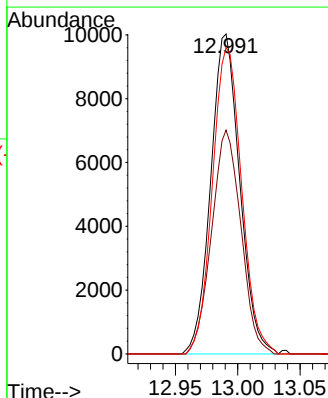
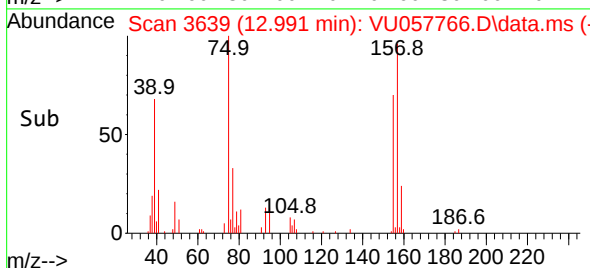
Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024

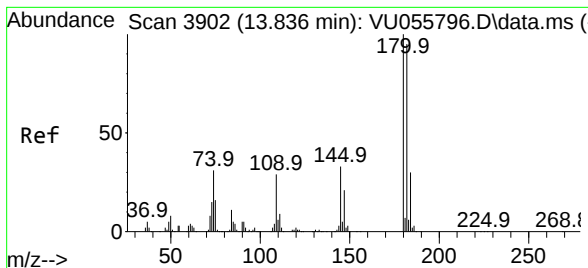


#86  
1,2-Dibromo-3-Chloropropane  
Concen: 9.837 ug/l  
RT: 12.991 min Scan# 3639  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21



Tgt Ion: 75 Resp: 16281  
Ion Ratio Lower Upper  
75 100  
155 70.5 61.8 92.8  
157 96.5 80.2 120.4





#87

1,2,4-Trichlorobenzene

Concen: 11.685 ug/l

RT: 13.833 min Scan# 3902

Delta R.T. -0.003 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU013124

Tgt Ion:180 Resp: 157004

Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.6

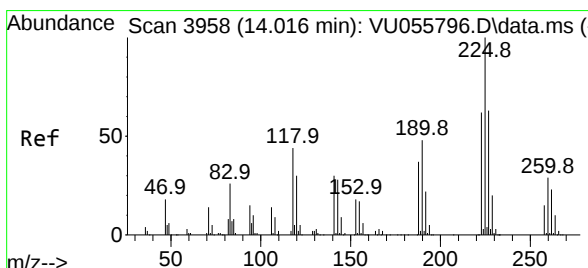
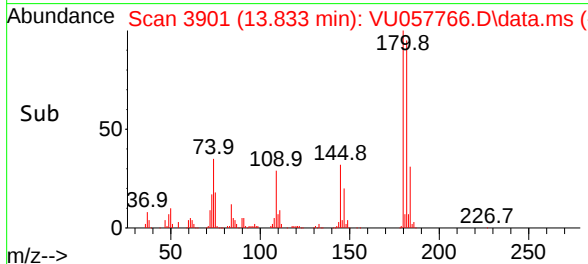
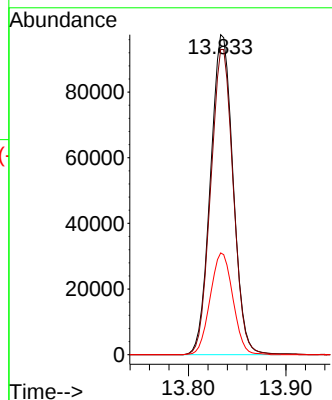
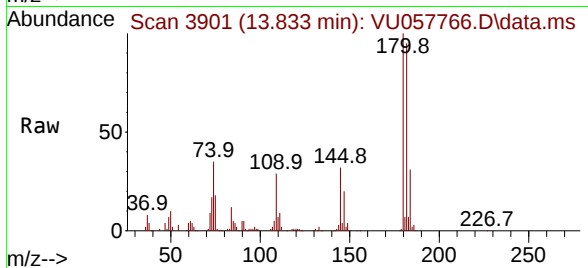
145 31.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#88

Hexachlorobutadiene

Concen: 10.360 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.000 min

Lab File: VU057766.D

Acq: 31 Jan 2024 17:21

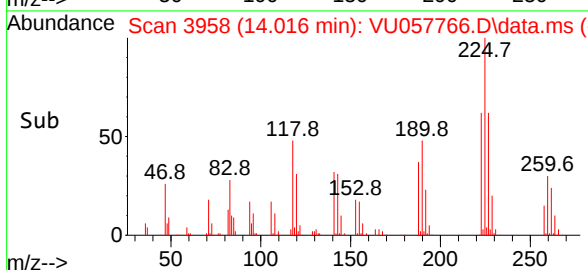
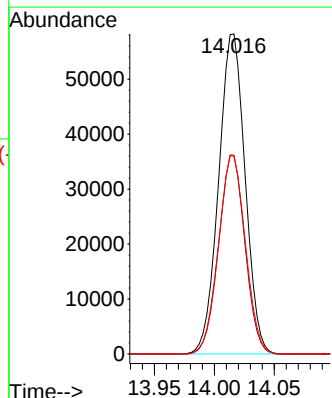
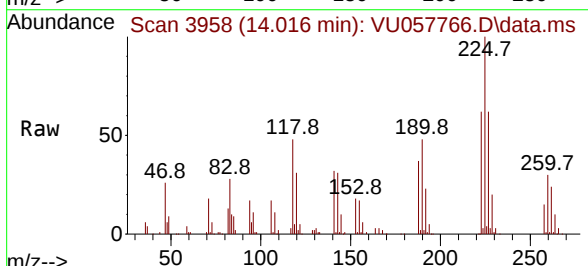
Tgt Ion:225 Resp: 89319

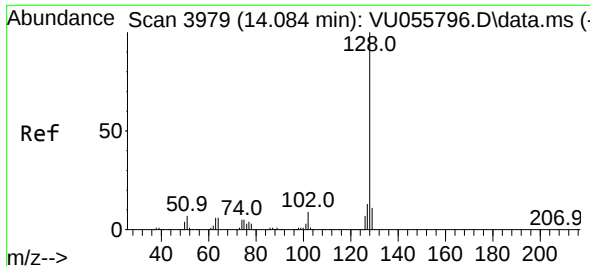
Ion Ratio Lower Upper

225 100

223 62.0 50.2 75.4

227 62.6 51.5 77.3





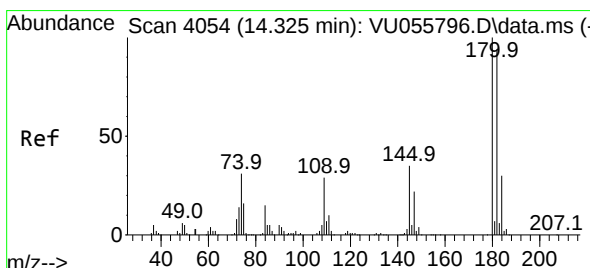
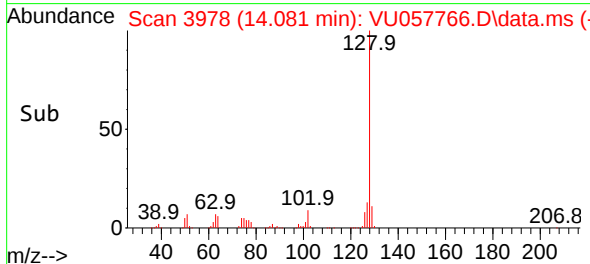
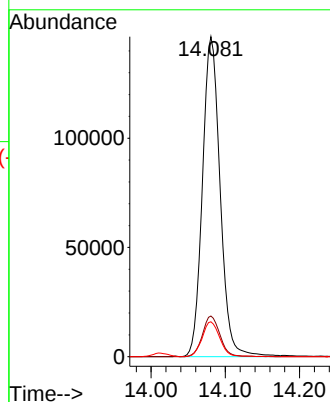
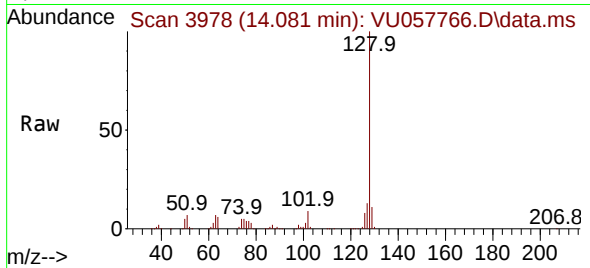
#89  
Naphthalene  
Concen: 12.010 ug/l  
RT: 14.081 min Scan# 3979  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU013124

Tgt Ion:128 Resp: 242711  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.9 16.3  
129 10.9 8.6 12.8

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024  
Supervised By :Semsettin Yesilyurt 02/01/2024



#90  
1,2,3-Trichlorobenzene  
Concen: 11.400 ug/l  
RT: 14.322 min Scan# 4053  
Delta R.T. -0.003 min  
Lab File: VU057766.D  
Acq: 31 Jan 2024 17:21

Tgt Ion:180 Resp: 127429  
Ion Ratio Lower Upper  
180 100  
182 94.0 75.7 113.5  
145 34.6 26.1 39.1

