

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VW062725\  
 Data File : VW038830.D  
 Acq On : 27 Jun 2025 13:10  
 Operator : SY/MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICC001

Quant Time: Jun 30 01:41:06 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V062725W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 30 01:40:55 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025  
 Supervised By :Semsettin Yesilyurt 06/30/2025

| Compound                     | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|------------------------------|--------|------|----------|--------|--------|----------|
| -----                        |        |      |          |        |        |          |
| Internal Standards           |        |      |          |        |        |          |
| 1) Pentafluorobenzene        | 4.596  | 168  | 477776   | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 5.529  | 114  | 864107   | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 8.773  | 117  | 791673   | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.172 | 152  | 368873   | 50.000 | ug/l   | 0.00     |
| System Monitoring Compounds  |        |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 0.000  | 65   | 0d       | 0.000  | ug/l   |          |
| Spiked Amount                | 50.000 |      | Recovery | =      | 0.000% |          |
| 35) Dibromofluoromethane     | 0.000  | 113  | 0d       | 0.000  | ug/l   |          |
| Spiked Amount                | 50.000 |      | Recovery | =      | 0.000% |          |
| 50) Toluene-d8               | 0.000  | 98   | 0d       | 0.000  | ug/l   |          |
| Spiked Amount                | 50.000 |      | Recovery | =      | 0.000% |          |
| 62) 4-Bromofluorobenzene     | 0.000  | 95   | 0d       | 0.000  | ug/l   |          |
| Spiked Amount                | 50.000 |      | Recovery | =      | 0.000% |          |
| Target Compounds             |        |      |          |        |        |          |
|                              |        |      |          |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.117  | 85   | 5220     | 1.151  | ug/l   | 96       |
| 3) Chloromethane             | 1.230  | 50   | 8099     | 1.378  | ug/l   | 95       |
| 4) Vinyl Chloride            | 1.294  | 62   | 8055     | 1.285  | ug/l   | 96       |
| 6) Chloroethane              | 1.561  | 64   | 4871     | 1.201  | ug/l # | 86       |
| 7) Trichlorofluoromethane    | 1.725  | 101  | 12245    | 1.313  | ug/l   | 97       |
| 8) Diethyl Ether             | 1.918  | 74   | 4543     | 1.275  | ug/l   | 79       |
| 9) 1,1,2-Trichlorotrifluo... | 2.079  | 101  | 6968     | 1.240  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.079  | 96   | 7661     | 1.401  | ug/l   | 94       |
| 14) Allyl chloride           | 2.365  | 41   | 10102    | 1.109  | ug/l   | 96       |
| 15) Acrylonitrile            | 2.699  | 53   | 18437    | 5.162  | ug/l # | 84       |
| 16) Acetone                  | 2.121  | 43   | 14729    | 5.325  | ug/l   | 92       |
| 17) Carbon Disulfide         | 2.252  | 76   | 23759    | 1.598  | ug/l # | 93       |
| 18) Methyl Acetate           | 2.394  | 43   | 9493m    | 1.071  | ug/l   |          |
| 19) Methyl tert-butyl Ether  | 2.709  | 73   | 19288    | 1.133  | ug/l   | 95       |
| 20) Methylene Chloride       | 2.461  | 84   | 8773     | 1.363  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 2.709  | 96   | 7475     | 1.335  | ug/l   | 87       |
| 22) Diisopropyl ether        | 3.217  | 45   | 18628    | 1.010  | ug/l # | 35       |
| 23) Vinyl Acetate            | 3.217  | 43   | 65238    | 4.453  | ug/l # | 94       |
| 24) 1,1-Dichloroethane       | 3.121  | 63   | 13059    | 1.181  | ug/l   | 96       |
| 25) 2-Butanone               | 3.960  | 43   | 17278m   | 4.297  | ug/l   |          |
| 26) 2,2-Dichloropropane      | 3.818  | 77   | 11124    | 1.194  | ug/l   | 92       |
| 27) cis-1,2-Dichloroethene   | 3.841  | 96   | 8302m    | 1.279  | ug/l   |          |
| 28) Bromochloromethane       | 4.159  | 49   | 7245m    | 1.377  | ug/l   |          |
| 29) Tetrahydrofuran          | 4.268  | 42   | 17422m   | 5.947  | ug/l   |          |
| 30) Chloroform               | 4.288  | 83   | 13607    | 1.197  | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 4.519  | 97   | 12217    | 1.316  | ug/l # | 50       |
| 36) 1,1-Dichloropropene      | 4.764  | 75   | 10775m   | 1.346  | ug/l   |          |
| 37) Ethyl Acetate            | 3.960  | 43   | 14021m   | 1.348  | ug/l   |          |
| 38) Carbon Tetrachloride     | 4.735  | 117  | 10004m   | 1.150  | ug/l   |          |
| 39) Methylcyclohexane        | 6.043  | 83   | 9762     | 1.059  | ug/l   | 86       |
| 40) Benzene                  | 5.024  | 78   | 26126    | 1.075  | ug/l   | 96       |
| 41) Methacrylonitrile        | 4.230  | 41   | 1710m    | 2.856  | ug/l   |          |
| 42) 1,2-Dichloroethane       | 5.076  | 62   | 10584m   | 1.207  | ug/l   |          |
| 43) Isopropyl Acetate        | 5.233  | 43   | 10566m   | 0.787  | ug/l   |          |
| 44) Trichloroethene          | 5.847  | 130  | 6060     | 1.039  | ug/l   | 91       |
| 45) 1,2-Dichloropropane      | 6.114  | 63   | 5960m    | 0.948  | ug/l   |          |

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 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICC001

Manual Integrations  
 APPROVED

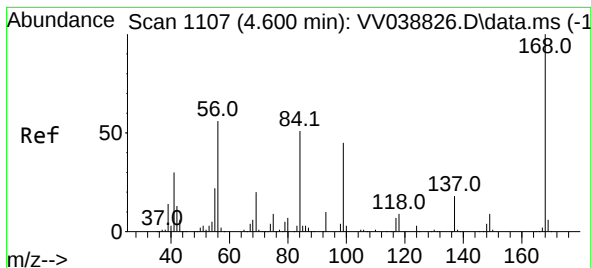
Reviewed By :Mahesh Dadoda 06/30/2025  
 Supervised By :Semsettin Yesilyurt 06/30/2025

Quant Time: Jun 30 01:41:06 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V062725W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 30 01:40:55 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) Dibromomethane            | 6.246  | 93   | 5278     | 1.101  | ug/l # | 81       |
| 47) Bromodichloromethane      | 6.439  | 83   | 10509    | 1.110  | ug/l # | 98       |
| 48) Methyl methacrylate       | 6.352  | 41   | 5678m    | 0.845  | ug/l   |          |
| 49) 1,4-Dioxane               | 6.336  | 88   | 2012m    | 21.873 | ug/l   |          |
| 51) 4-Methyl-2-Pentanone      | 7.159  | 43   | 39209    | 3.974  | ug/l   | 98       |
| 52) Toluene                   | 7.326  | 92   | 15202    | 1.026  | ug/l   | 90       |
| 53) t-1,3-Dichloropropene     | 7.606  | 75   | 8096     | 0.897  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 6.966  | 75   | 9943     | 0.996  | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 7.773  | 97   | 6886     | 1.077  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 7.751  | 69   | 7430m    | 0.856  | ug/l   |          |
| 57) 1,3-Dichloropropane       | 7.947  | 76   | 10386    | 0.987  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 6.834  | 63   | 16229    | 11.054 | ug/l # | 77       |
| 59) 2-Hexanone                | 8.091  | 43   | 24793    | 3.567  | ug/l # | 55       |
| 60) Dibromochloromethane      | 8.175  | 129  | 8271     | 1.116  | ug/l   | 94       |
| 61) 1,2-Dibromoethane         | 8.291  | 107  | 6634     | 1.005  | ug/l   | 88       |
| 64) Tetrachloroethene         | 7.902  | 164  | 6120     | 1.108  | ug/l   | 91       |
| 65) Chlorobenzene             | 8.808  | 112  | 19992    | 1.155  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 8.899  | 131  | 7230     | 1.181  | ug/l # | 56       |
| 67) Ethyl Benzene             | 8.947  | 91   | 28825    | 1.058  | ug/l   | 98       |
| 68) m/p-Xylenes               | 9.072  | 106  | 18661    | 1.818  | ug/l   | 99       |
| 69) o-Xylene                  | 9.474  | 106  | 8937     | 0.931  | ug/l   | 95       |
| 70) Styrene                   | 9.503  | 104  | 12784    | 0.789  | ug/l # | 75       |
| 71) Bromoform                 | 9.667  | 173  | 5466     | 1.108  | ug/l # | 94       |
| 73) Isopropylbenzene          | 9.863  | 105  | 22254    | 0.989  | ug/l   | 99       |
| 74) N-amyl acetate            | 9.754  | 43   | 8684m    | 0.884  | ug/l   |          |
| 75) 1,1,2,2-Tetrachloroethane | 10.172 | 83   | 11850    | 1.265  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 10.207 | 75   | 8026     | 1.145  | ug/l   | 89       |
| 77) Bromobenzene              | 10.159 | 156  | 6246     | 1.102  | ug/l   | 98       |
| 78) n-propylbenzene           | 10.284 | 91   | 26667    | 0.980  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.358 | 91   | 17172    | 1.061  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 10.471 | 105  | 17918    | 0.959  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 10.474 | 91   | 17994    | 0.964  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 10.792 | 119  | 18917    | 1.015  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 10.844 | 105  | 15928    | 0.879  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 11.017 | 105  | 22411    | 0.912  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 11.172 | 119  | 20036    | 0.954  | ug/l   | 90       |
| 87) 1,3-Dichlorobenzene       | 11.117 | 146  | 13106    | 1.136  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 11.201 | 146  | 16570    | 1.325  | ug/l   | 95       |
| 89) n-Butylbenzene            | 11.586 | 91   | 20097    | 0.988  | ug/l   | 97       |
| 90) Hexachloroethane          | 11.821 | 117  | 5506     | 1.191  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 11.580 | 146  | 13742    | 1.228  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.365 | 75   | 2163     | 1.090  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 13.197 | 180  | 6636     | 1.005  | ug/l   | 86       |
| 94) Hexachlorobutadiene       | 13.371 | 225  | 4195     | 1.307  | ug/l   | 90       |
| 95) Naphthalene               | 13.439 | 128  | 19554    | 4.202  | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 13.673 | 180  | 7416     | 1.094  | ug/l   | 89       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 1107

Delta R.T. -0.004 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICC001

Tgt Ion:168 Resp: 477770

Ion Ratio Lower Upper

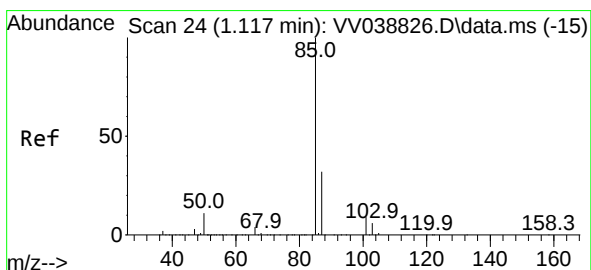
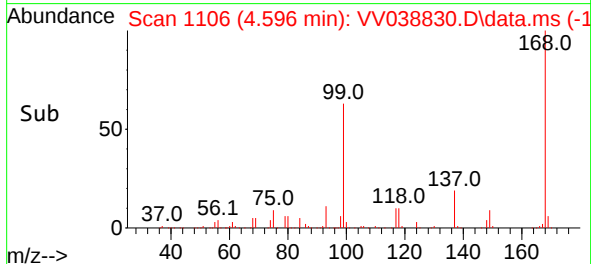
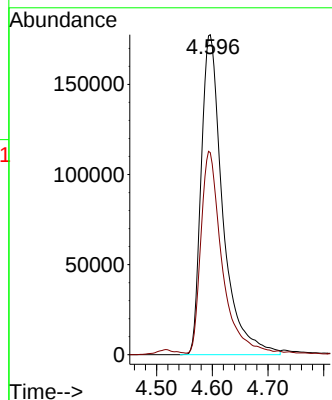
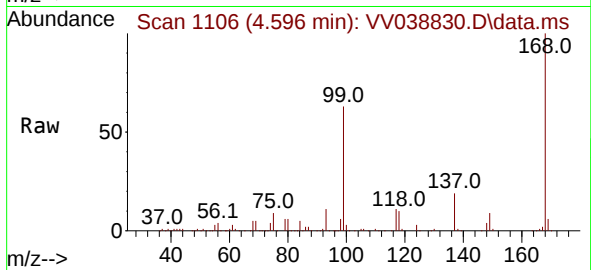
168 100

99 62.4 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#2

Dichlorodifluoromethane

Concen: 1.151 ug/l

RT: 1.117 min Scan# 24

Delta R.T. -0.000 min

Lab File: VV038830.D

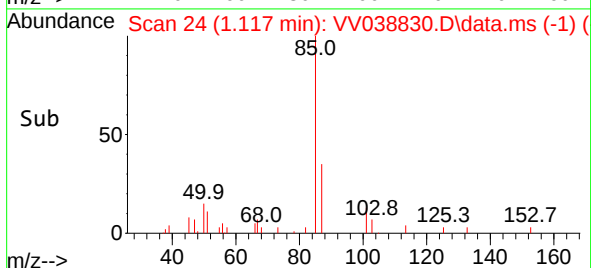
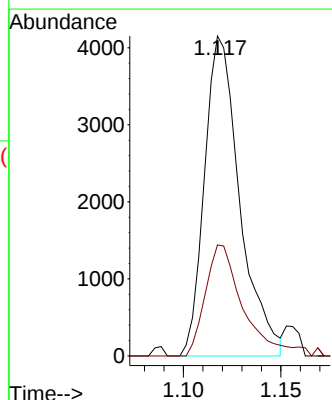
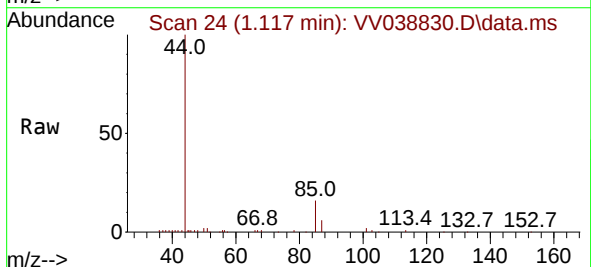
Acq: 27 Jun 2025 13:10

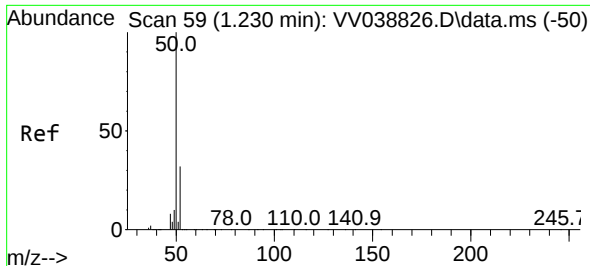
Tgt Ion: 85 Resp: 5220

Ion Ratio Lower Upper

85 100

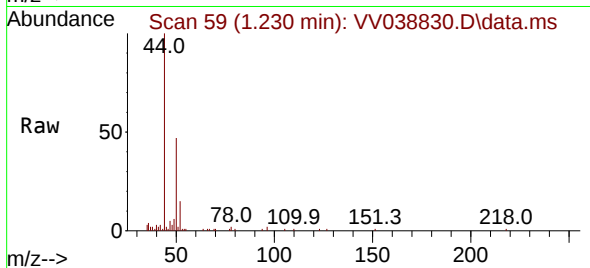
87 34.7 16.1 48.3





#3  
Chloromethane  
Concen: 1.378 ug/l  
RT: 1.230 min Scan# 59  
Delta R.T. -0.000 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

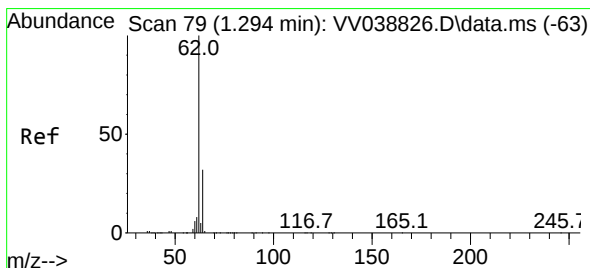
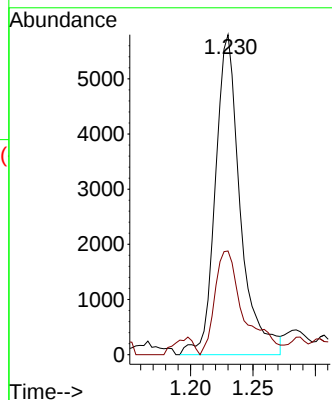
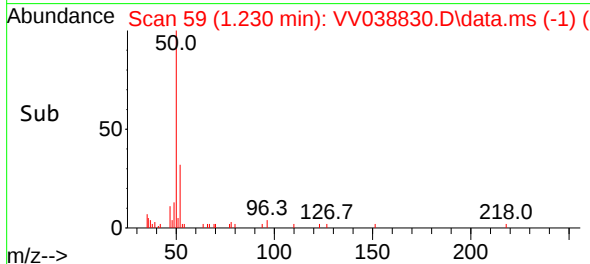
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001



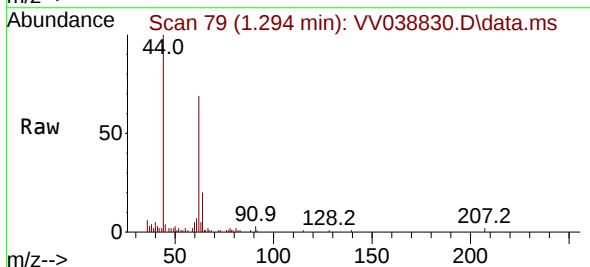
Tgt Ion: 50 Resp: 8099  
Ion Ratio Lower Upper  
50 100  
52 29.4 25.8 38.6

Manual Integrations  
APPROVED

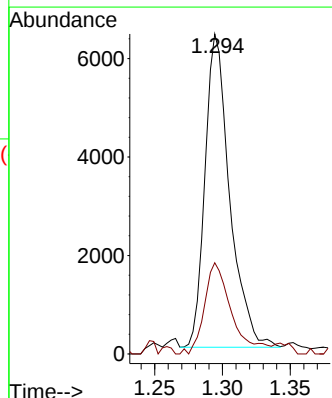
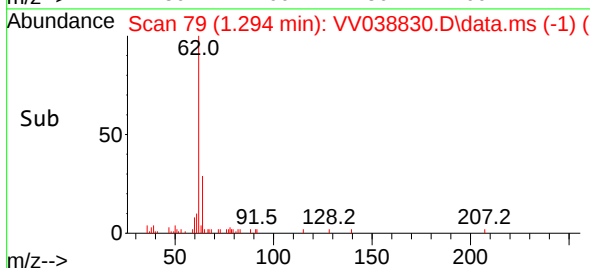
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025

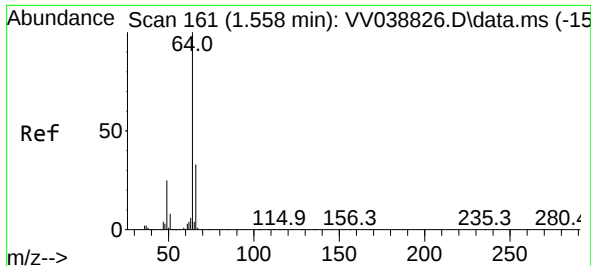


#4  
Vinyl Chloride  
Concen: 1.285 ug/l  
RT: 1.294 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10



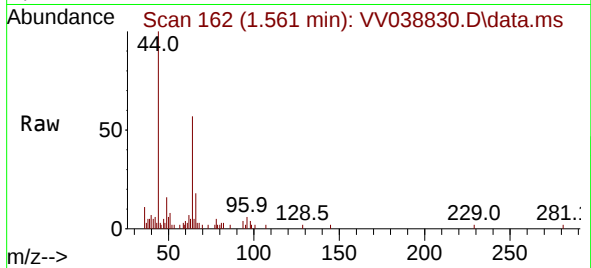
Tgt Ion: 62 Resp: 8055  
Ion Ratio Lower Upper  
62 100  
64 29.1 25.3 37.9





#6  
Chloroethane  
Concen: 1.201 ug/l  
RT: 1.561 min Scan# 162  
Delta R.T. 0.003 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

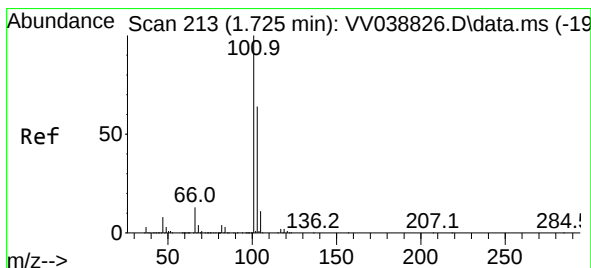
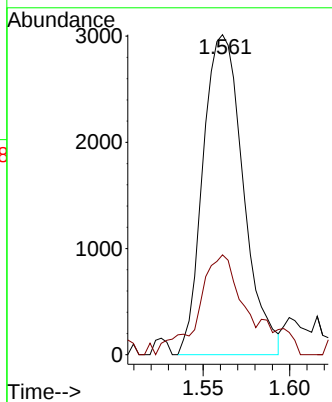
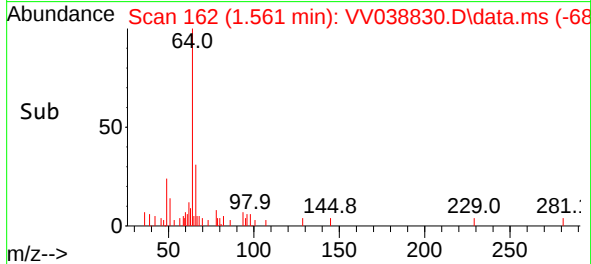
Instrument :  
MSVOA\_V  
ClientSampleId :  
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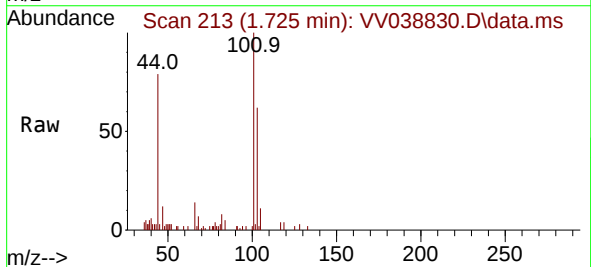
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Ion Ratio Lower Upper  
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66 25.0 26.3 39.5

Manual Integrations  
APPROVED

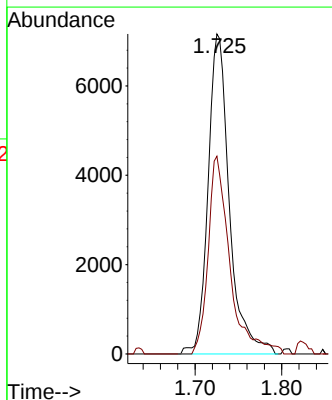
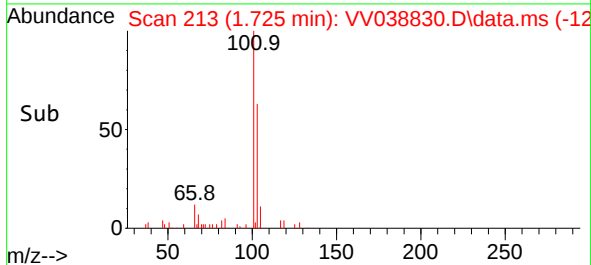
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025

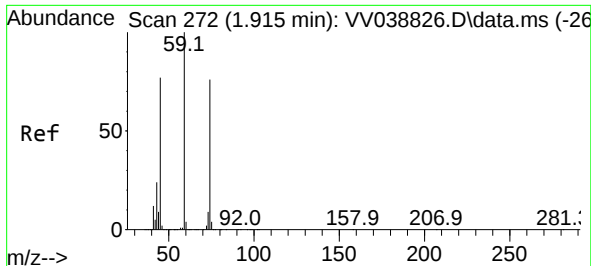


#7  
Trichlorofluoromethane  
Concen: 1.313 ug/l  
RT: 1.725 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10



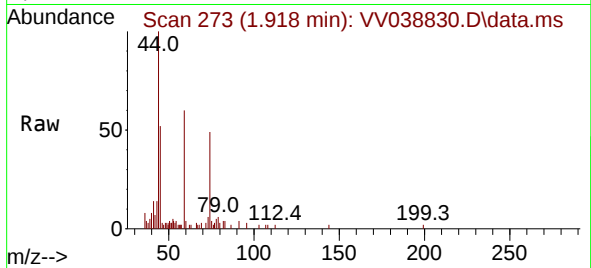
Tgt Ion:101 Resp: 12245  
Ion Ratio Lower Upper  
101 100  
103 61.8 51.5 77.3





#8  
Diethyl Ether  
Concen: 1.275 ug/l  
RT: 1.918 min Scan# 273  
Delta R.T. 0.003 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

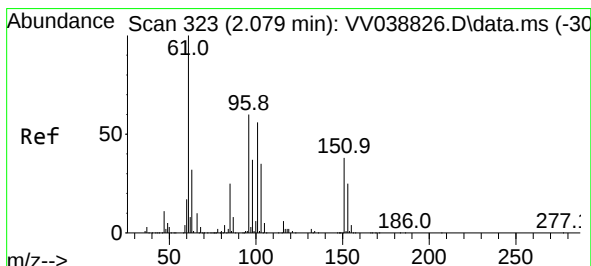
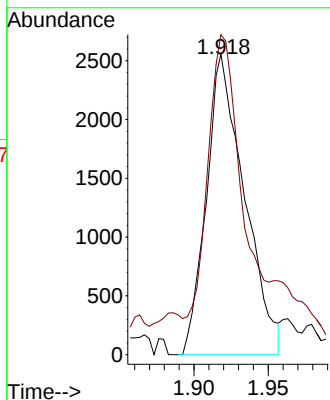
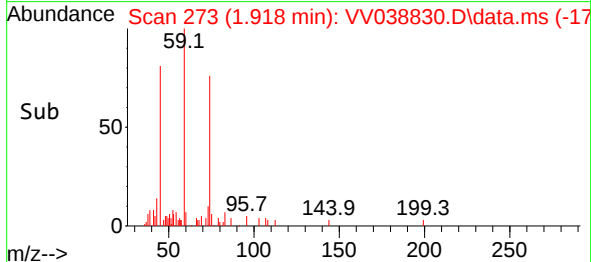
Instrument :  
MSVOA\_V  
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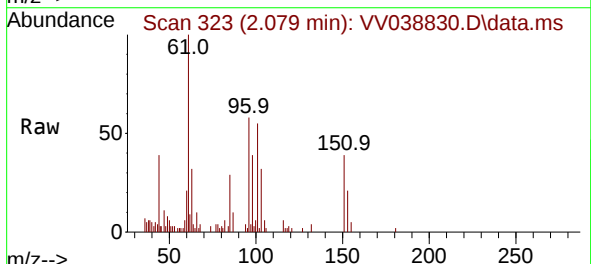
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Ion Ratio Lower Upper  
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Manual Integrations  
APPROVED

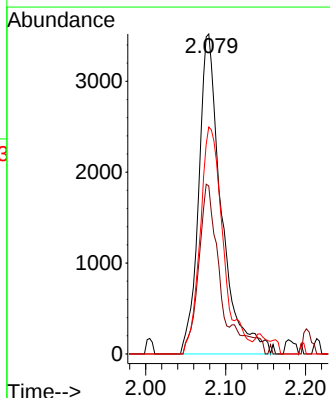
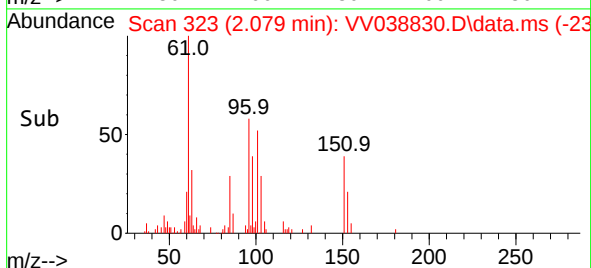
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025

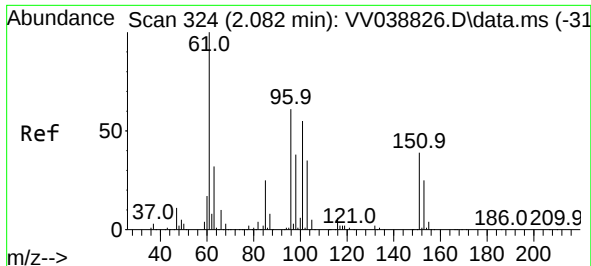


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.240 ug/l  
RT: 2.079 min Scan# 323  
Delta R.T. -0.000 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10



Tgt Ion:101 Resp: 6968  
Ion Ratio Lower Upper  
101 100  
85 43.9 35.5 53.3  
151 72.1 55.4 83.2





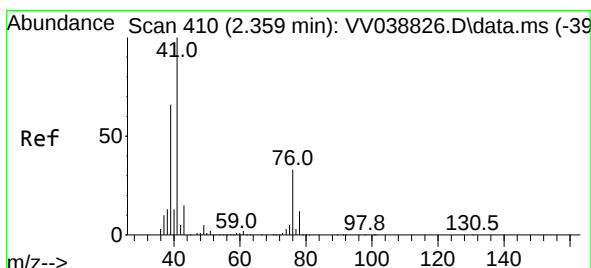
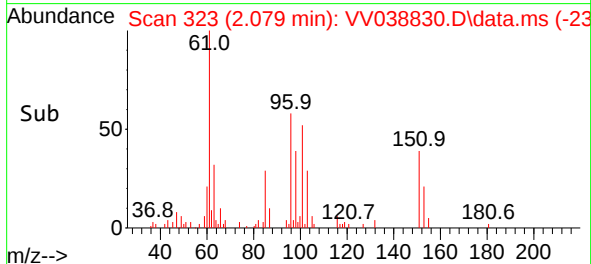
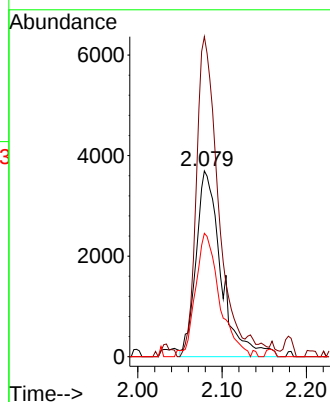
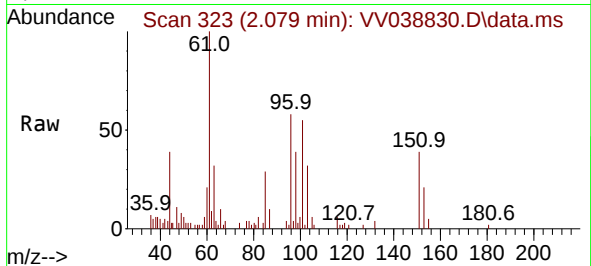
#12  
1,1-Dichloroethene  
Concen: 1.401 ug/l  
RT: 2.079 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001

Tgt Ion: 96 Resp: 766  
Ion Ratio Lower Upper  
96 100  
61 172.2 131.5 197.3  
98 66.4 50.0 75.0

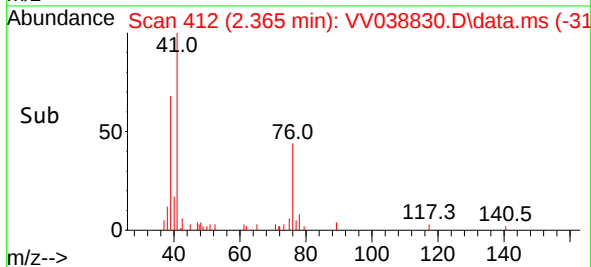
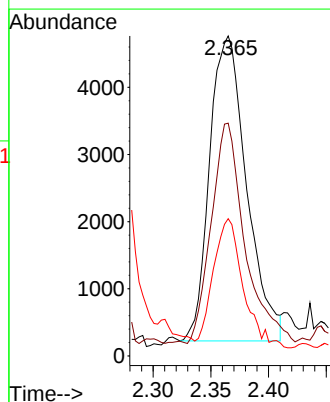
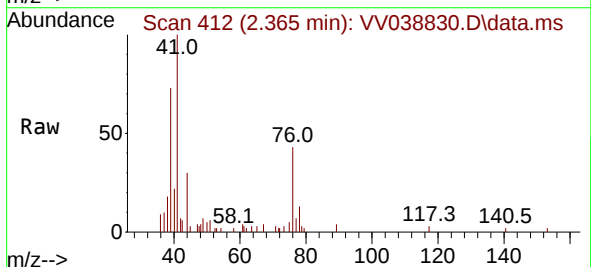
Manual Integrations  
APPROVED

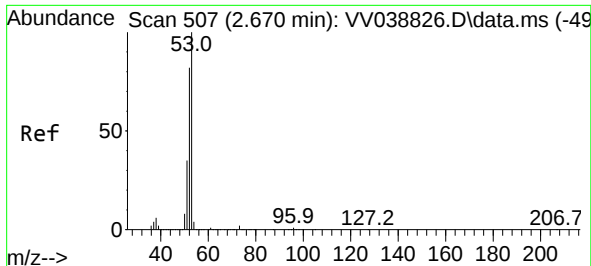
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#14  
Allyl chloride  
Concen: 1.109 ug/l  
RT: 2.365 min Scan# 412  
Delta R.T. 0.006 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

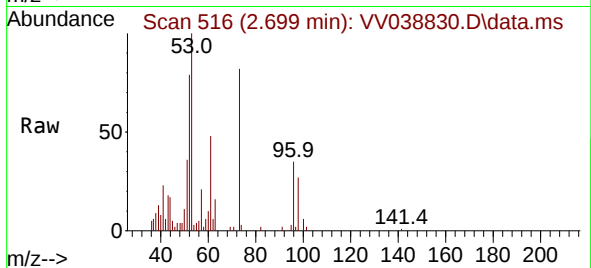
Tgt Ion: 41 Resp: 10102  
Ion Ratio Lower Upper  
41 100  
39 65.9 49.4 74.0  
76 34.5 28.8 43.2





#15  
Acrylonitrile  
Concen: 5.162 ug/l  
RT: 2.699 min Scan# 516  
Delta R.T. 0.029 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

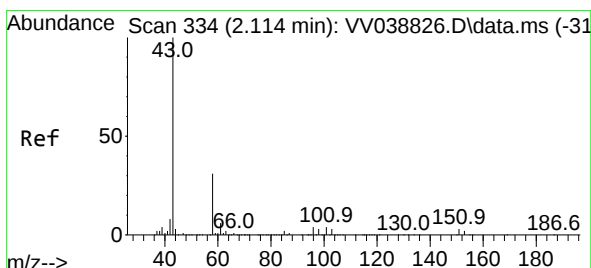
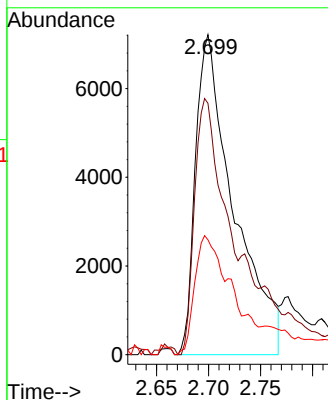
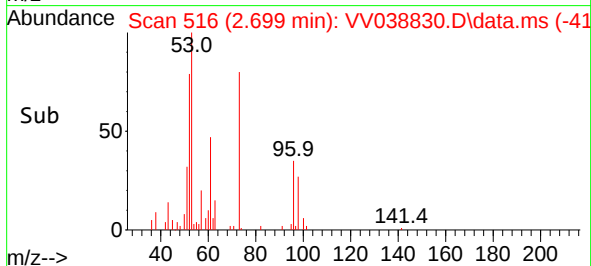
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001



Tgt Ion: 53 Resp: 1843  
Ion Ratio Lower Upper  
53 100  
52 61.6 65.5 98.3  
51 36.6 28.3 42.5

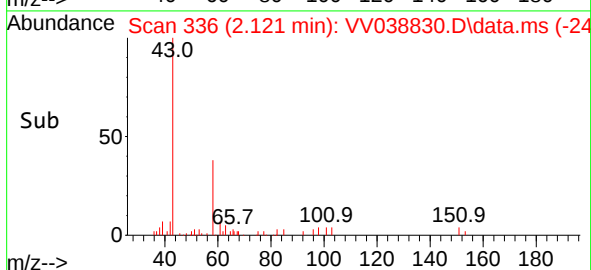
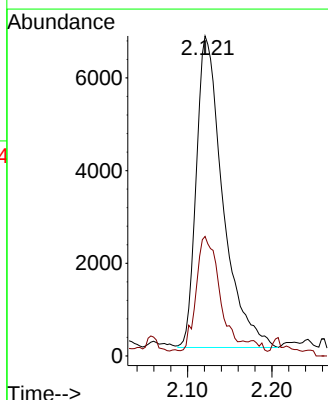
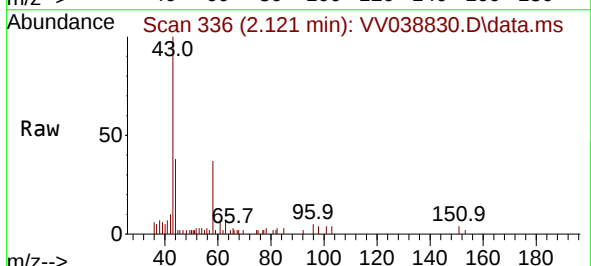
Manual Integrations  
APPROVED

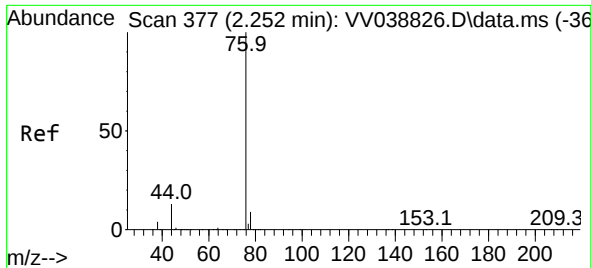
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#16  
Acetone  
Concen: 5.325 ug/l  
RT: 2.121 min Scan# 336  
Delta R.T. 0.006 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

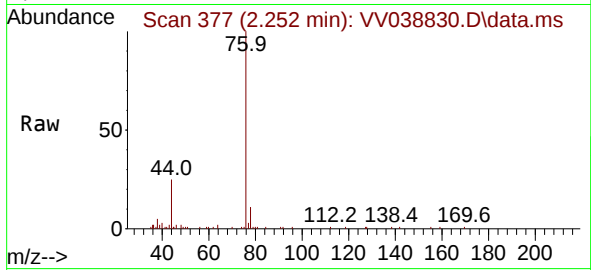
Tgt Ion: 43 Resp: 14729  
Ion Ratio Lower Upper  
43 100  
58 36.6 25.7 38.5





#17  
Carbon Disulfide  
Concen: 1.598 ug/l  
RT: 2.252 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

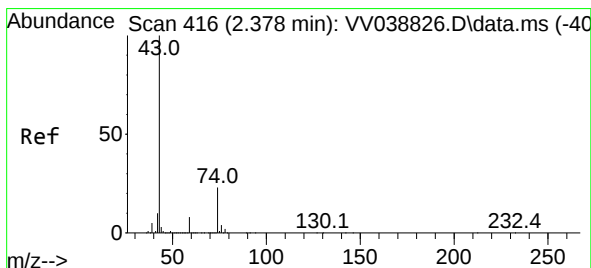
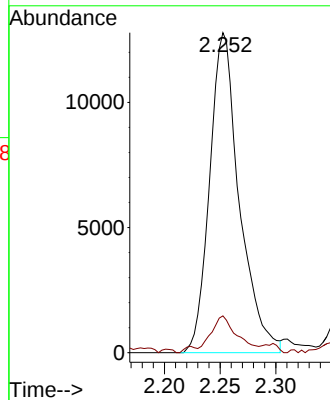
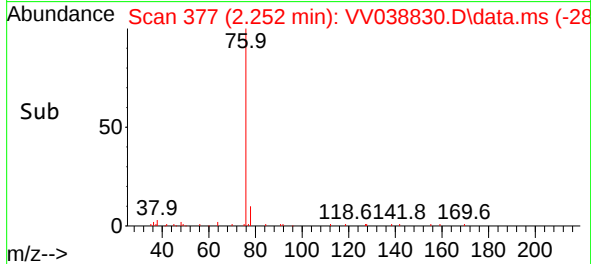
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001



Tgt Ion: 76 Resp: 2375  
Ion Ratio Lower Upper  
76 100  
78 11.5 7.1 10.7

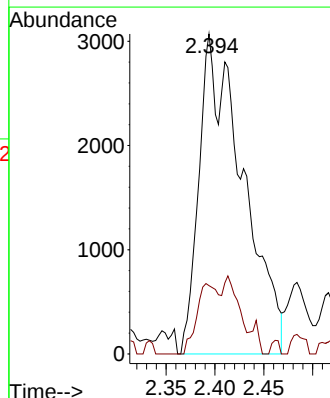
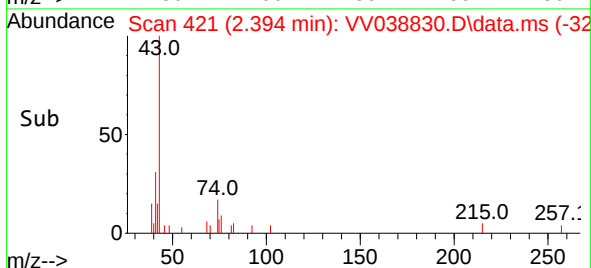
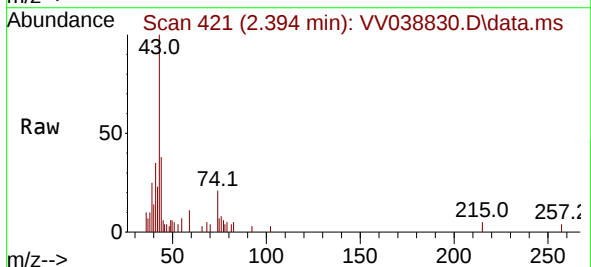
Manual Integrations  
APPROVED

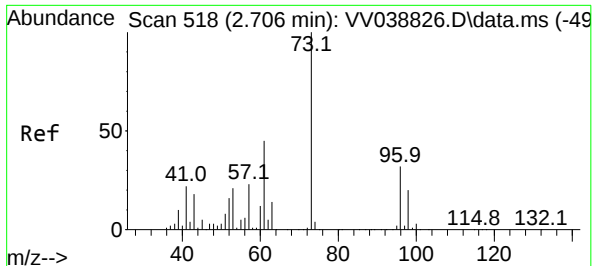
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#18  
Methyl Acetate  
Concen: 1.071 ug/l m  
RT: 2.394 min Scan# 421  
Delta R.T. 0.016 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Tgt Ion: 43 Resp: 9493  
Ion Ratio Lower Upper  
43 100  
74 11.6 18.2 27.2





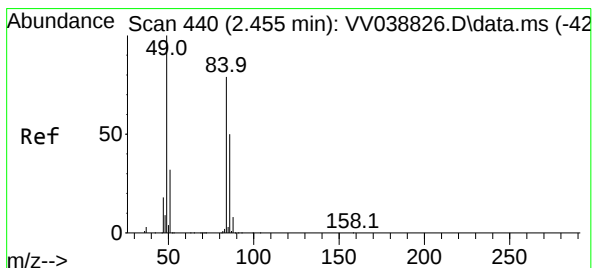
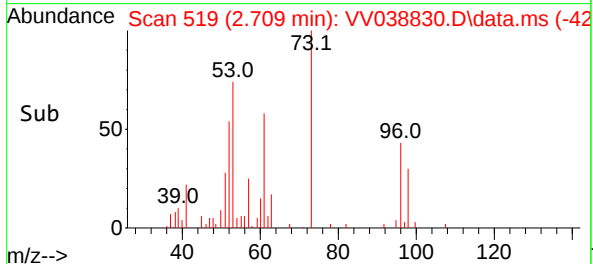
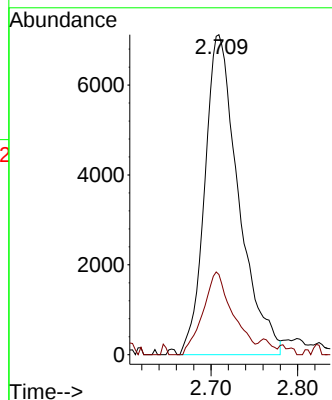
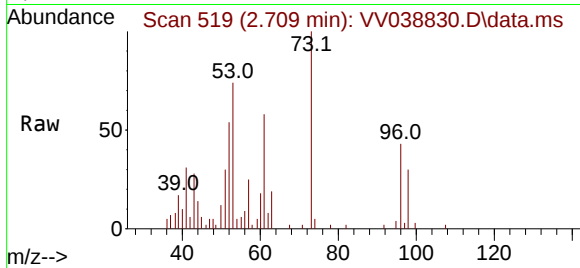
#19  
Methyl tert-butyl Ether  
Concen: 1.133 ug/l  
RT: 2.709 min Scan# 518  
Delta R.T. 0.003 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001

Tgt Ion: 73 Resp: 1928  
Ion Ratio Lower Upper  
73 100  
57 25.1 18.2 27.4

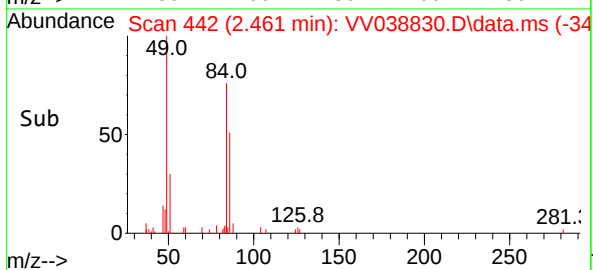
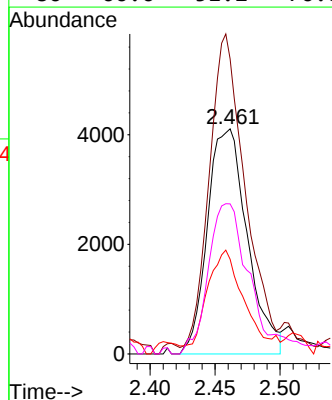
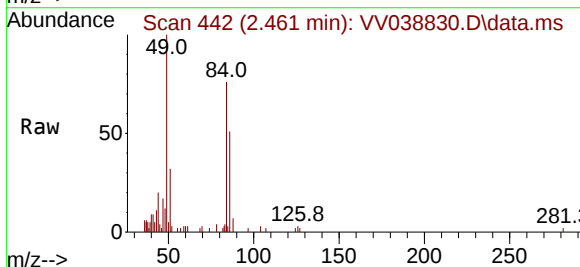
Manual Integrations  
APPROVED

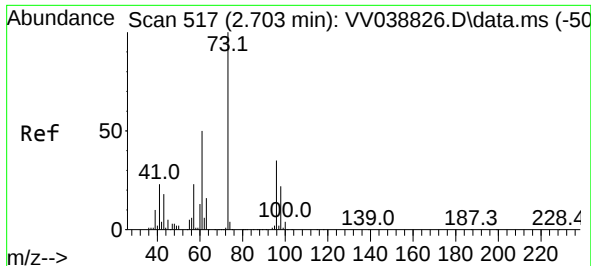
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#20  
Methylene Chloride  
Concen: 1.363 ug/l  
RT: 2.461 min Scan# 442  
Delta R.T. 0.006 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

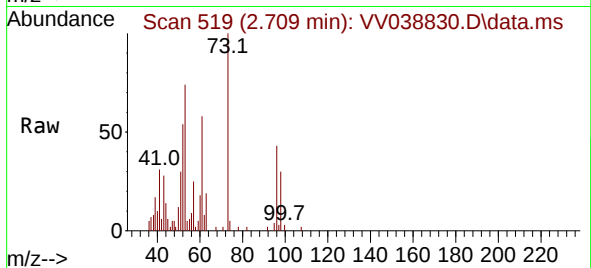
Tgt Ion: 84 Resp: 8773  
Ion Ratio Lower Upper  
84 100  
49 128.2 101.4 152.2  
51 38.5 32.3 48.5  
86 66.6 51.2 76.8





#21  
trans-1,2-Dichloroethene  
Concen: 1.335 ug/l  
RT: 2.709 min Scan# 517  
Delta R.T. 0.006 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

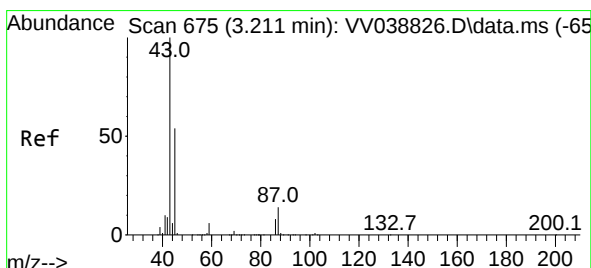
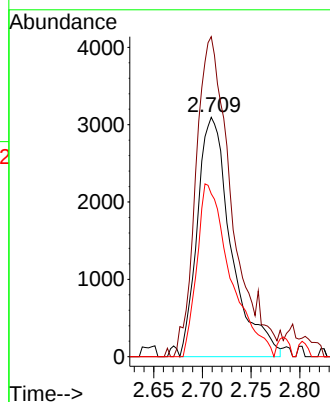
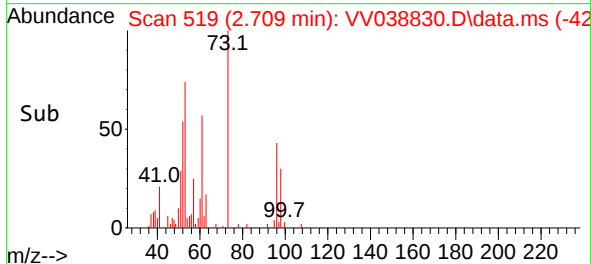
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001



Tgt Ion: 96 Resp: 7475  
Ion Ratio Lower Upper  
96 100  
61 122.6 112.6 169.0  
98 68.0 49.6 74.4

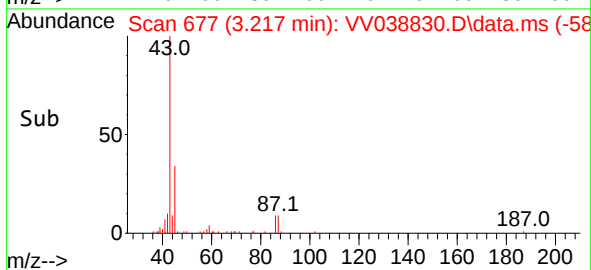
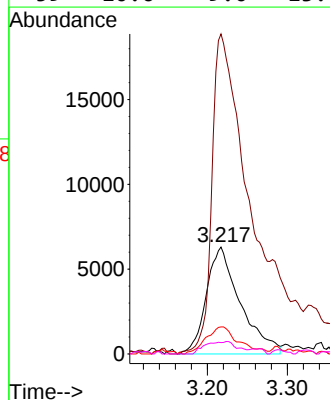
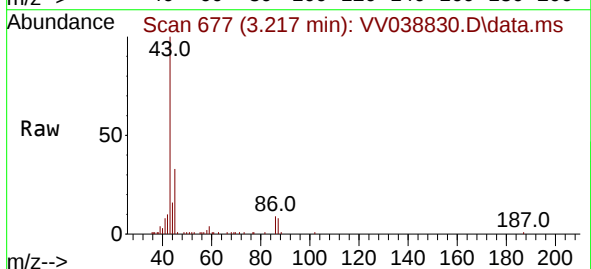
Manual Integrations  
APPROVED

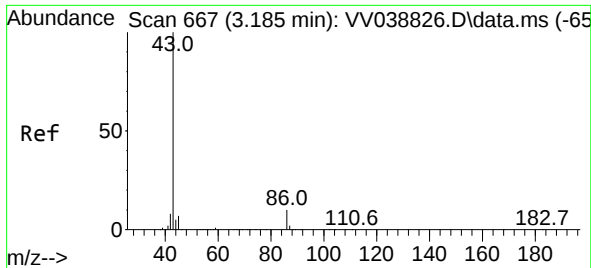
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#22  
Diisopropyl ether  
Concen: 1.010 ug/l  
RT: 3.217 min Scan# 677  
Delta R.T. 0.006 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

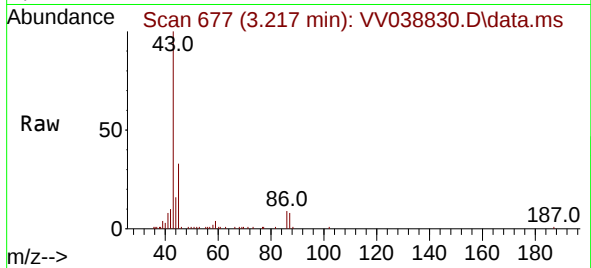
Tgt Ion: 45 Resp: 18628  
Ion Ratio Lower Upper  
45 100  
43 297.9 148.7 223.1#  
87 23.6 21.0 31.4  
59 10.6 9.0 13.4





#23  
 Vinyl Acetate  
 Concen: 4.453 ug/l  
 RT: 3.217 min Scan# 61  
 Delta R.T. 0.032 min  
 Lab File: VV038830.D  
 Acq: 27 Jun 2025 13:10

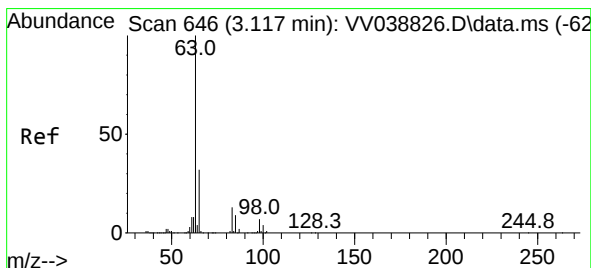
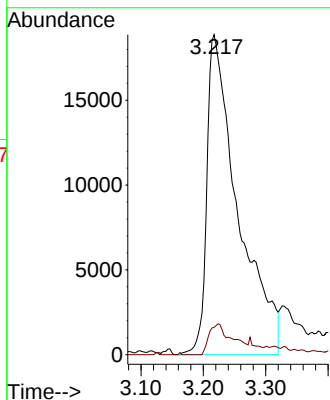
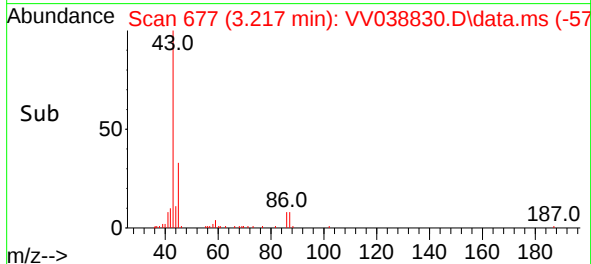
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC001



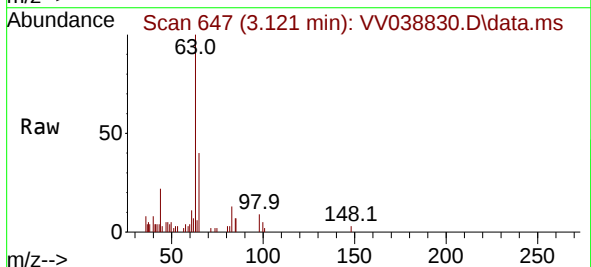
Tgt Ion: 43 Resp: 65238  
 Ion Ratio Lower Upper  
 43 100  
 86 7.8 8.2 12.2

Manual Integrations  
 APPROVED

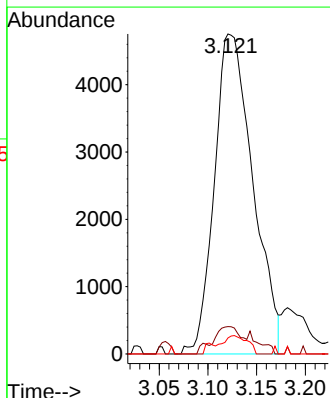
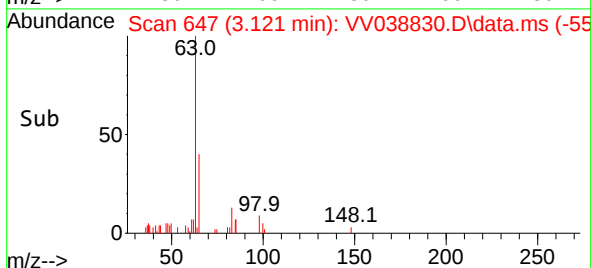
Reviewed By :Mahesh Dadoda 06/30/2025  
 Supervised By :Semsettin Yesilyurt 06/30/2025

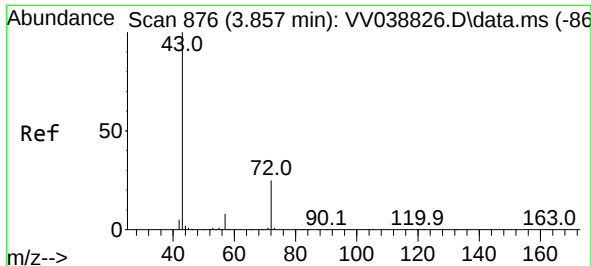


#24  
 1,1-Dichloroethane  
 Concen: 1.181 ug/l  
 RT: 3.121 min Scan# 647  
 Delta R.T. 0.003 min  
 Lab File: VV038830.D  
 Acq: 27 Jun 2025 13:10



Tgt Ion: 63 Resp: 13059  
 Ion Ratio Lower Upper  
 63 100  
 98 8.5 3.5 10.4  
 100 5.0 2.1 6.5





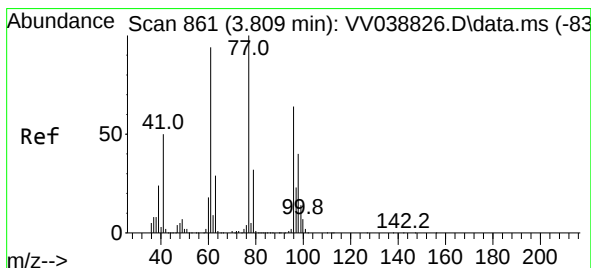
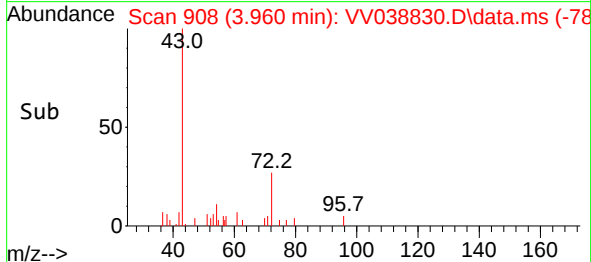
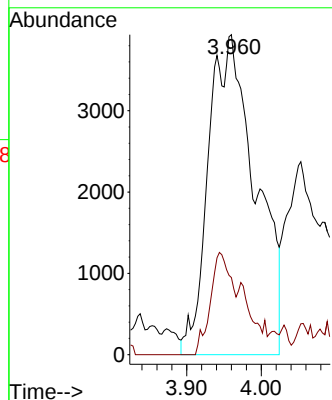
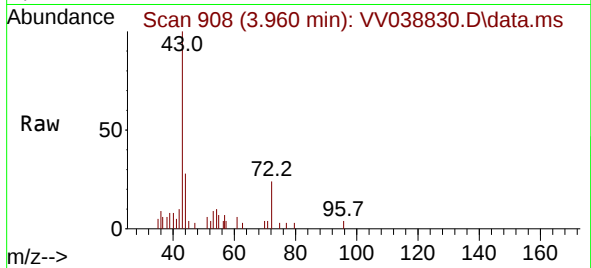
#25  
2-Butanone  
Concen: 4.297 ug/l m  
RT: 3.960 min Scan# 90  
Delta R.T. 0.103 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001

Tgt Ion: 43 Resp: 17278  
Ion Ratio Lower Upper  
43 100  
72 24.1 20.2 30.4

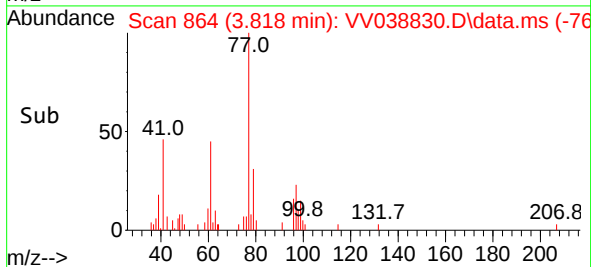
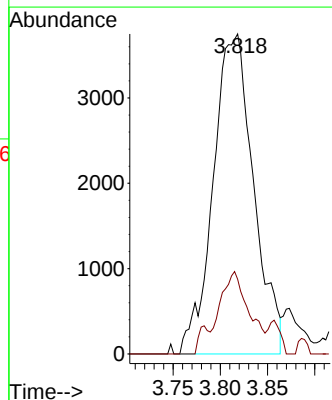
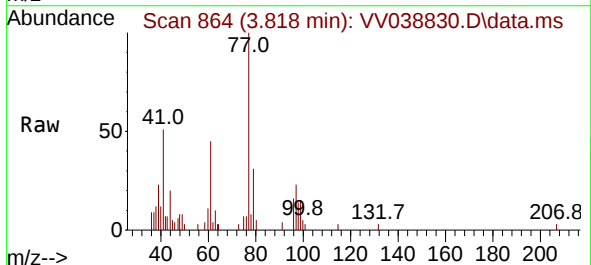
Manual Integrations  
APPROVED

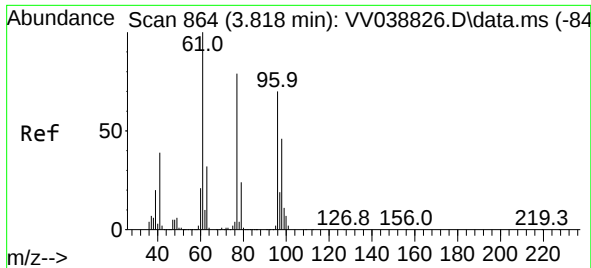
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#26  
2,2-Dichloropropane  
Concen: 1.194 ug/l  
RT: 3.818 min Scan# 864  
Delta R.T. 0.010 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

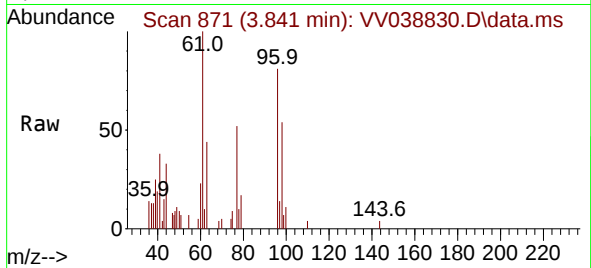
Tgt Ion: 77 Resp: 11124  
Ion Ratio Lower Upper  
77 100  
97 18.1 11.1 33.1





#27  
 cis-1,2-Dichloroethene  
 Concen: 1.279 ug/l m  
 RT: 3.841 min Scan# 81  
 Delta R.T. 0.022 min  
 Lab File: VV038830.D  
 Acq: 27 Jun 2025 13:10

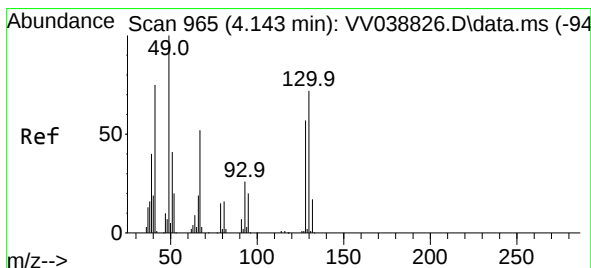
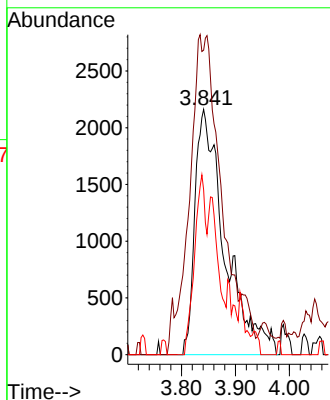
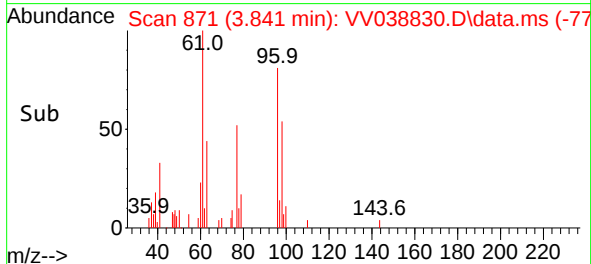
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICC001



Tgt Ion: 96 Resp: 830  
 Ion Ratio Lower Upper  
 96 100  
 61 41.6 0.0 292.4  
 98 28.3 0.0 128.6

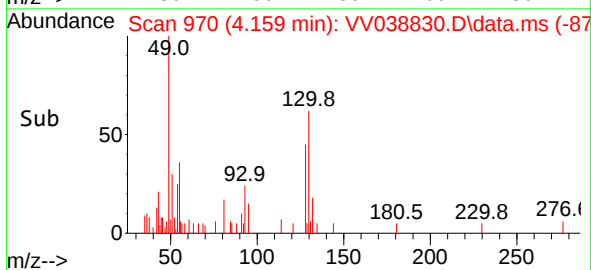
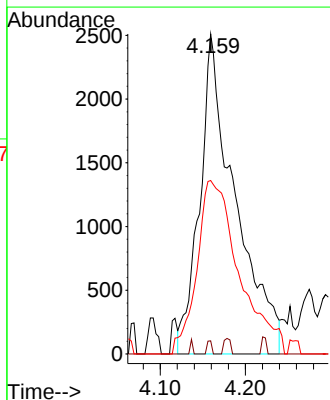
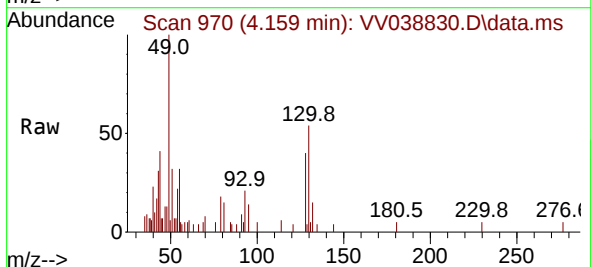
Manual Integrations  
 APPROVED

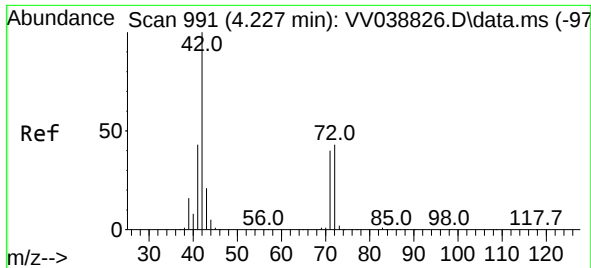
Reviewed By :Mahesh Dadoda 06/30/2025  
 Supervised By :Semsettin Yesilyurt 06/30/2025



#28  
 Bromochloromethane  
 Concen: 1.377 ug/l m  
 RT: 4.159 min Scan# 970  
 Delta R.T. 0.016 min  
 Lab File: VV038830.D  
 Acq: 27 Jun 2025 13:10

Tgt Ion: 49 Resp: 7245  
 Ion Ratio Lower Upper  
 49 100  
 129 0.5 0.0 3.8  
 130 64.6 58.8 88.2





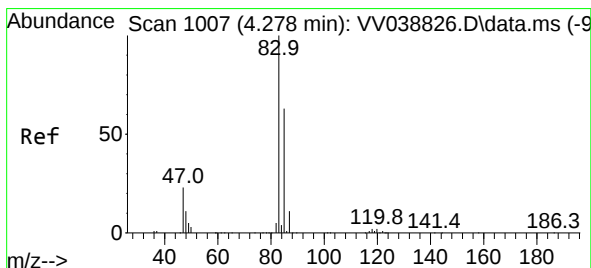
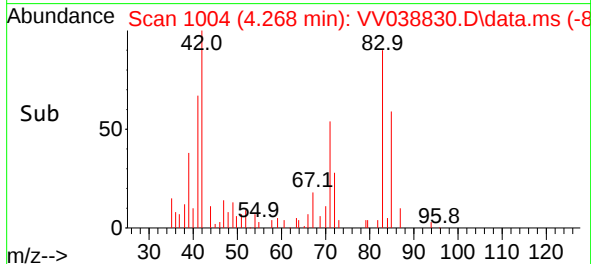
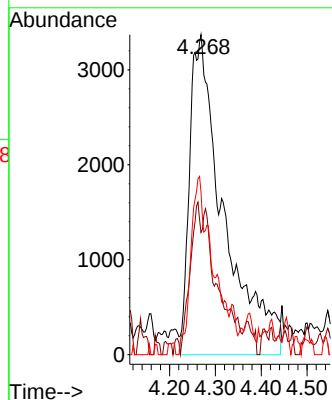
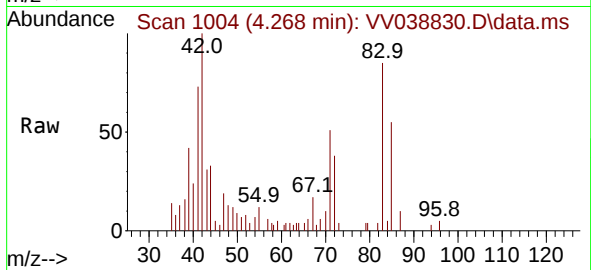
#29  
Tetrahydrofuran  
Concen: 5.947 ug/l m  
RT: 4.268 min Scan# 1004  
Delta R.T. 0.042 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC001

Tgt Ion: 42 Resp: 1742  
Ion Ratio Lower Upper  
42 100  
72 14.8 34.8 52.2  
71 21.2 32.6 49.0

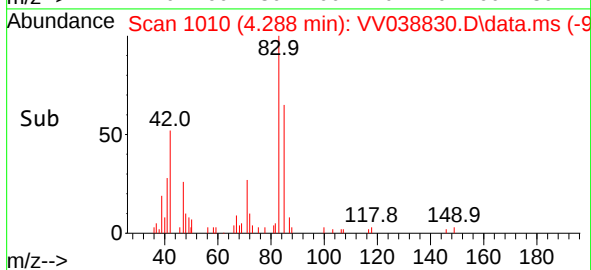
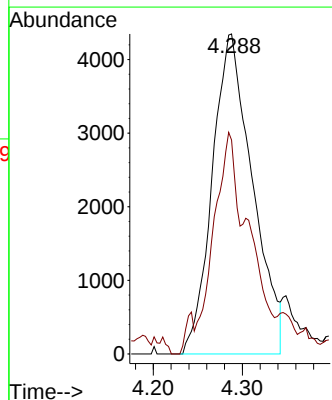
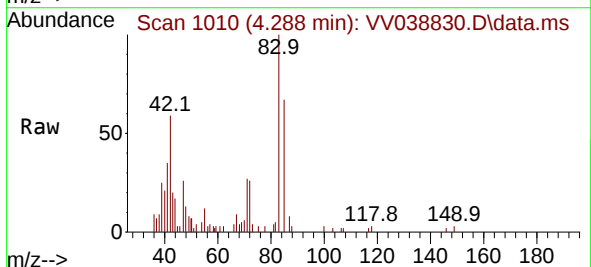
Manual Integrations  
APPROVED

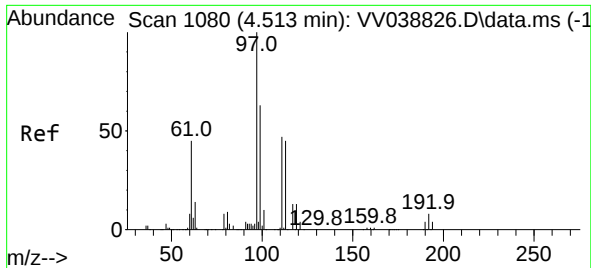
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#30  
Chloroform  
Concen: 1.197 ug/l  
RT: 4.288 min Scan# 1010  
Delta R.T. 0.010 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Tgt Ion: 83 Resp: 13607  
Ion Ratio Lower Upper  
83 100  
85 66.9 50.6 76.0





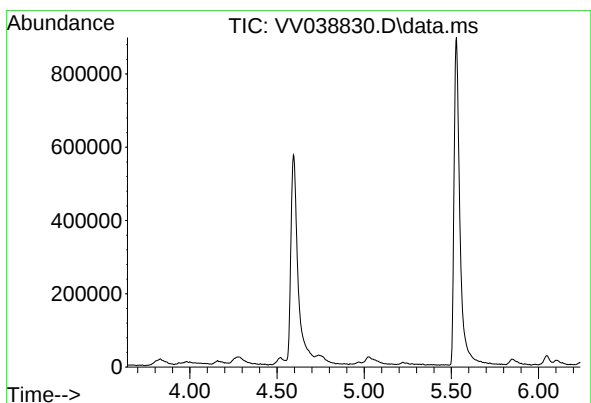
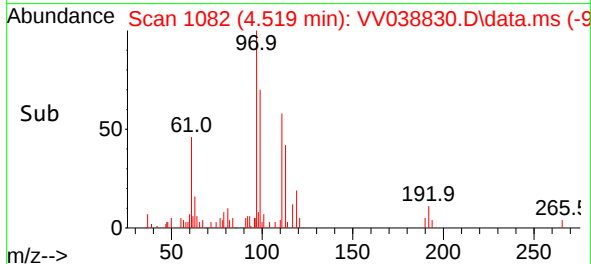
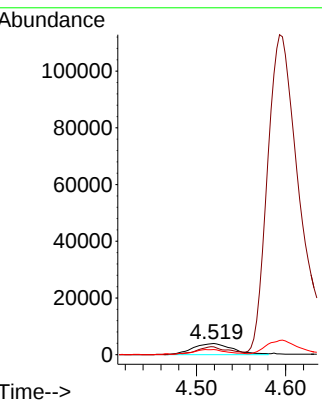
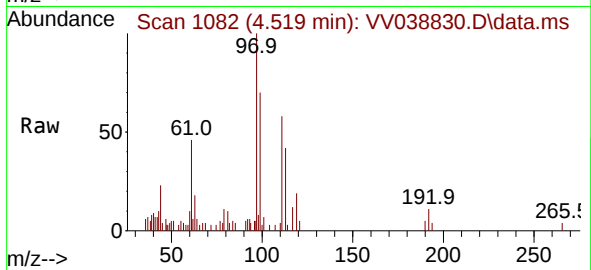
#32  
1,1,1-Trichloroethane  
Concen: 1.316 ug/l  
RT: 4.519 min Scan# 1080  
Delta R.T. 0.006 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001

Tgt Ion: 97 Resp: 1221  
Ion Ratio Lower Upper  
97 100  
99 0.0 48.9 73.3  
61 39.0 34.6 51.8

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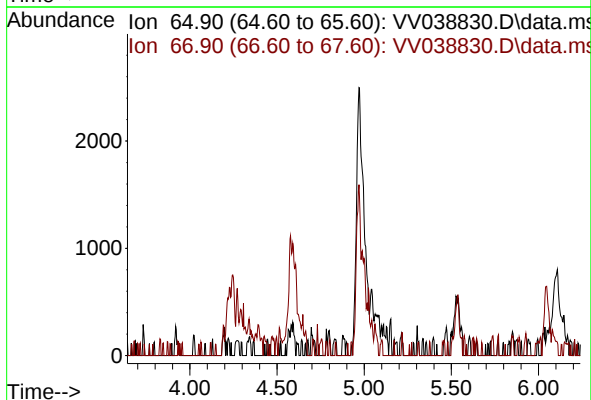
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025

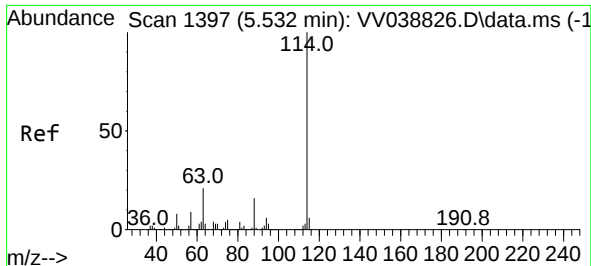


#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
Expected RT: 4.94 min

Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 55.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 86410

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

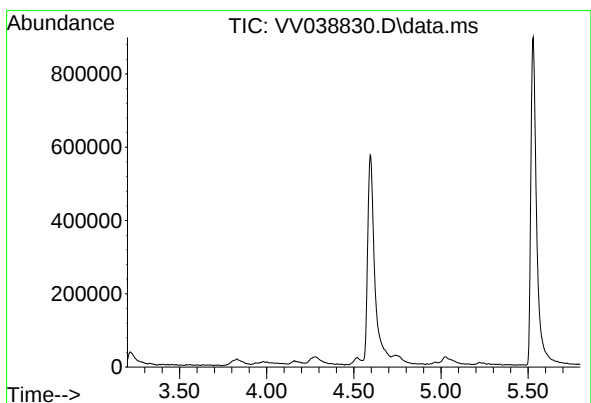
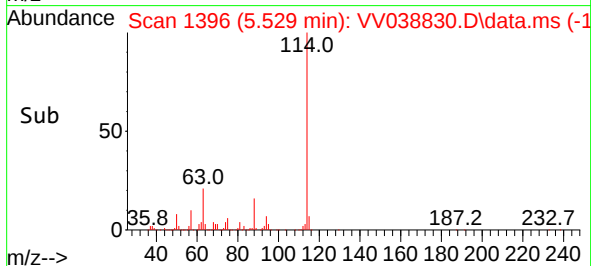
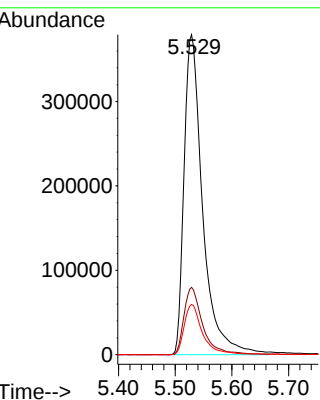
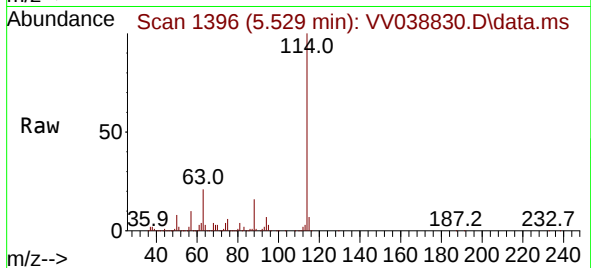
88 15.7 0.0 31.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 4.50 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

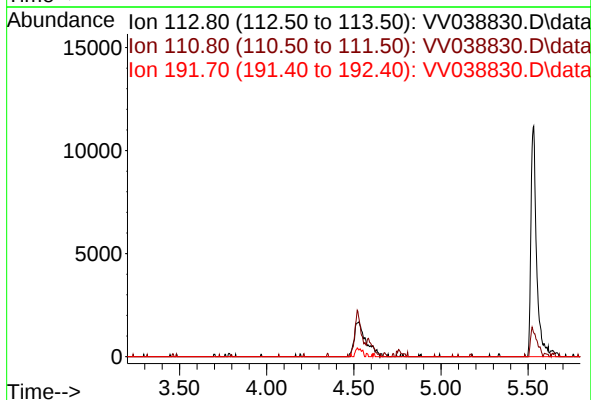
Tgt Ion: 113

Sig Exp Ratio

113 100

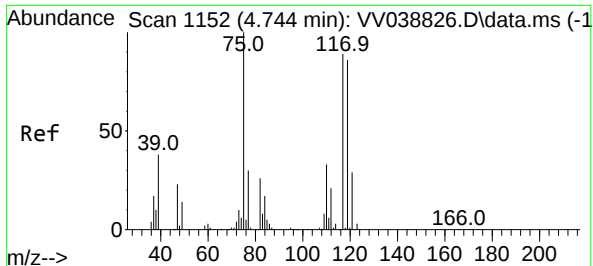
111 103.7

192 17.1



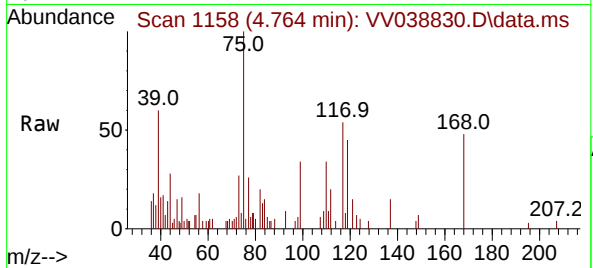
Ion 110.80 (110.50 to 111.50): VV038830.D\data

Ion 191.70 (191.40 to 192.40): VV038830.D\data



#36  
1,1-Dichloropropene  
Concen: 1.346 ug/l m  
RT: 4.764 min Scan# 1152  
Delta R.T. 0.019 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

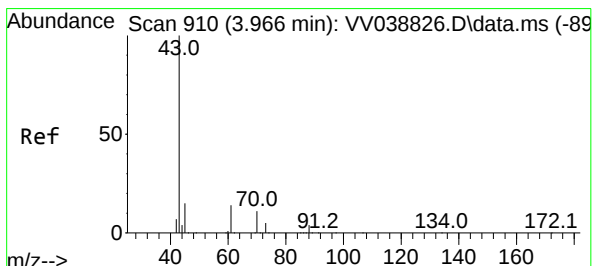
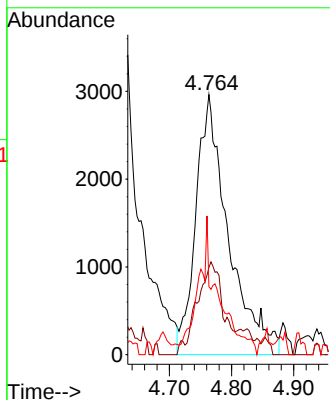
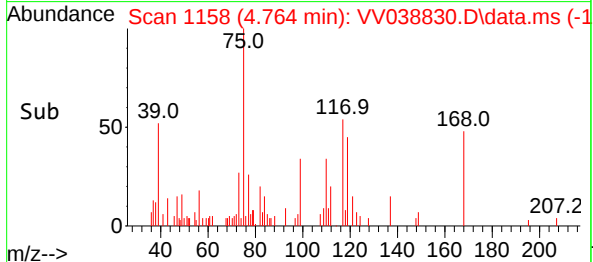
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001



Tgt Ion: 75 Resp: 10775  
Ion Ratio Lower Upper  
75 100  
110 23.9 17.4 52.3  
77 14.7 24.4 36.6

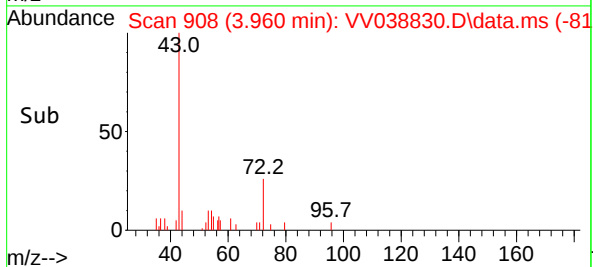
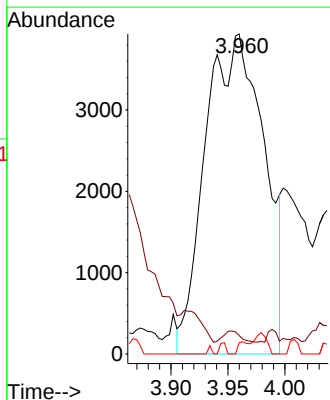
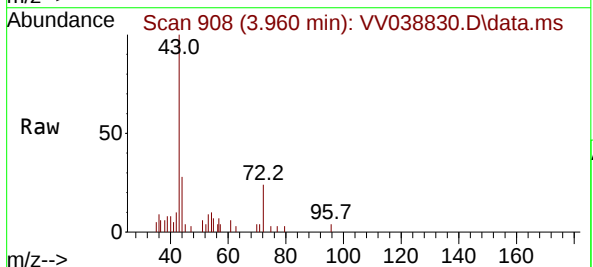
Manual Integrations  
APPROVED

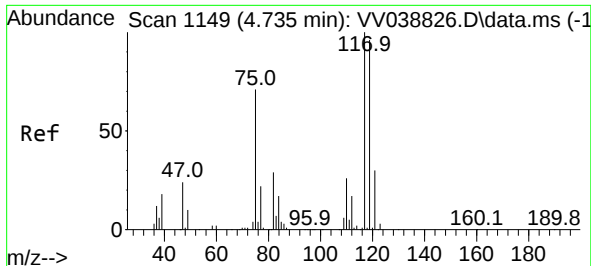
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#37  
Ethyl Acetate  
Concen: 1.348 ug/l m  
RT: 3.960 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

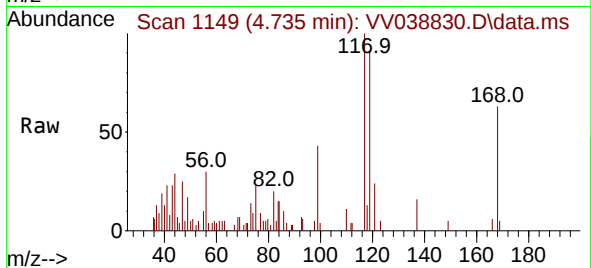
Tgt Ion: 43 Resp: 14021  
Ion Ratio Lower Upper  
43 100  
61 0.0 9.9 14.9#  
70 0.1 7.1 10.7#





#38  
Carbon Tetrachloride  
Concen: 1.150 ug/l m  
RT: 4.735 min Scan# 1149  
Delta R.T. -0.000 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

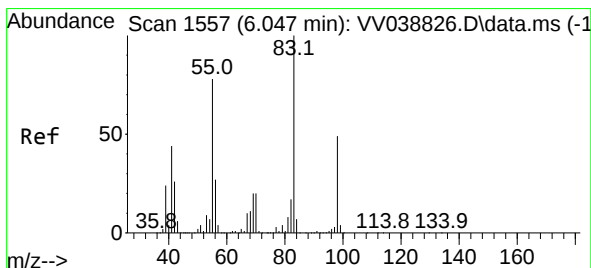
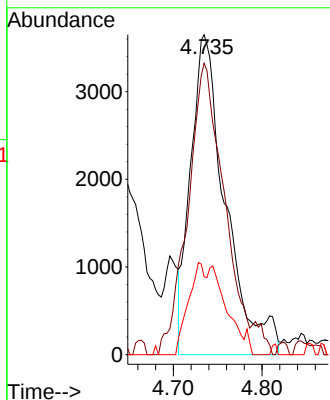
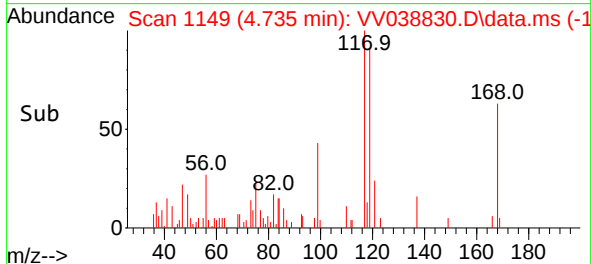
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC001



Tgt Ion: 117 Resp: 1000  
Ion Ratio Lower Upper  
117 100  
119 91.1 76.4 114.6  
121 24.4 24.0 36.0

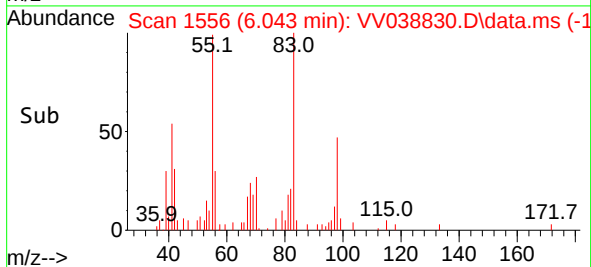
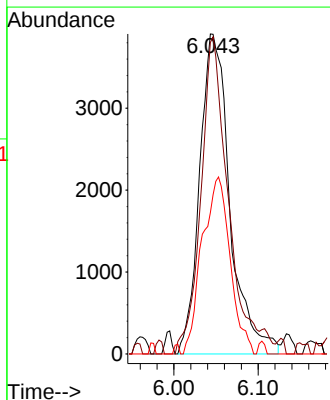
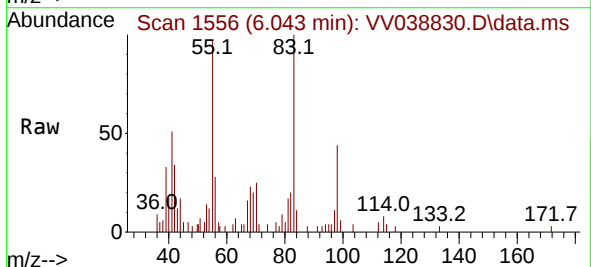
Manual Integrations  
APPROVED

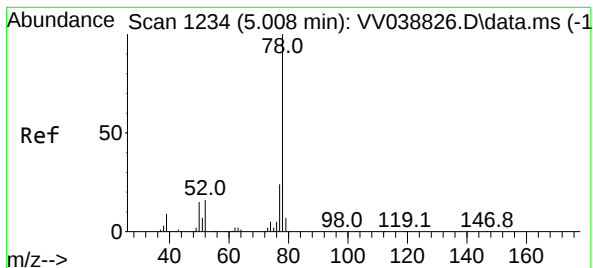
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#39  
Methylcyclohexane  
Concen: 1.059 ug/l  
RT: 6.043 min Scan# 1556  
Delta R.T. -0.003 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Tgt Ion: 83 Resp: 9762  
Ion Ratio Lower Upper  
83 100  
55 93.5 62.4 93.6  
98 44.2 39.1 58.7





#40

Benzene

Concen: 1.075 ug/l

RT: 5.024 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICC001

Tgt Ion: 78 Resp: 26120

Ion Ratio Lower Upper

78 100

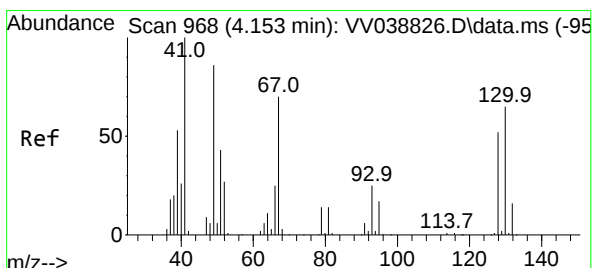
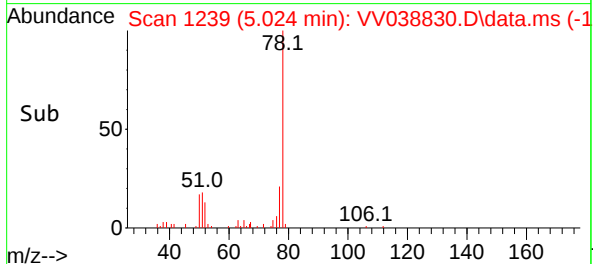
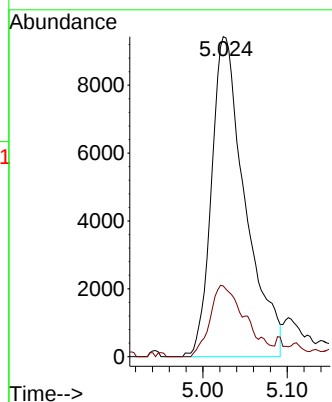
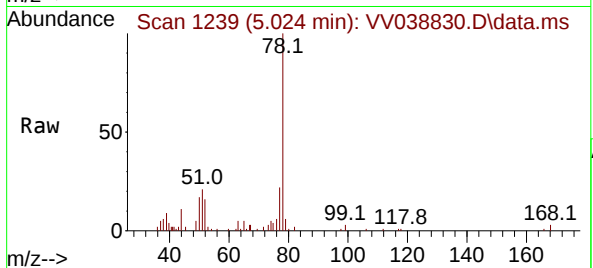
77 22.1 19.3 28.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#41

Methacrylonitrile

Concen: 2.856 ug/l m

RT: 4.230 min Scan# 992

Delta R.T. 0.077 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Tgt Ion: 41 Resp: 1710

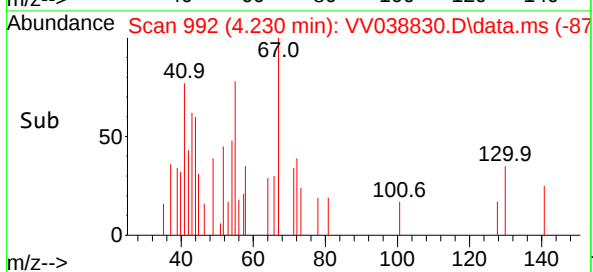
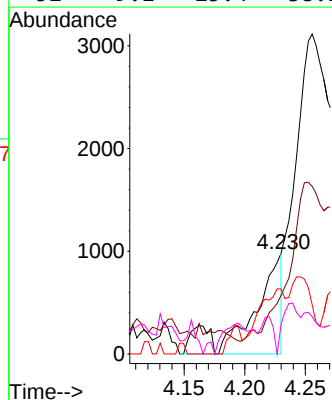
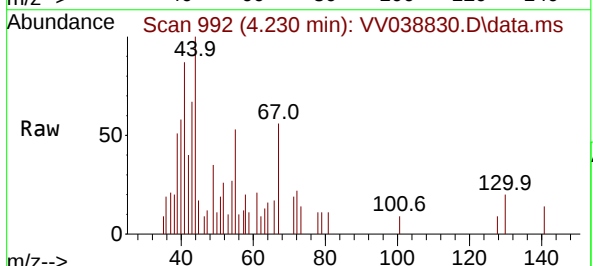
Ion Ratio Lower Upper

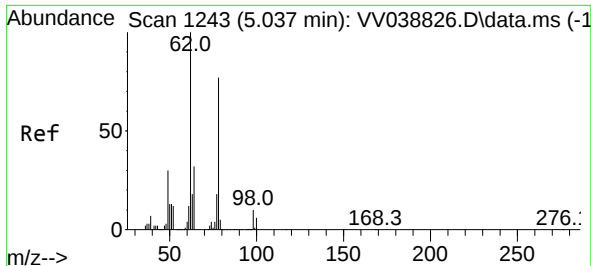
41 100

39 0.0 42.2 63.2#

67 0.0 68.2 102.4#

52 9.1 25.4 38.2#





#42

1,2-Dichloroethane

Concen: 1.207 ug/l m

RT: 5.076 min Scan# 1304

Delta R.T. 0.039 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA\_V

ClientSampleId :

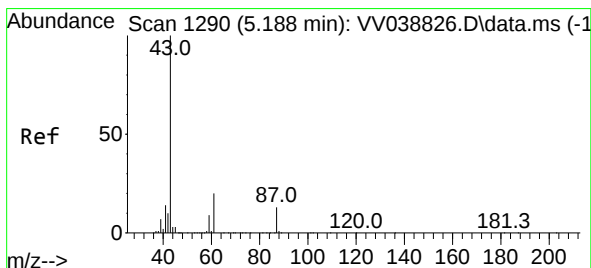
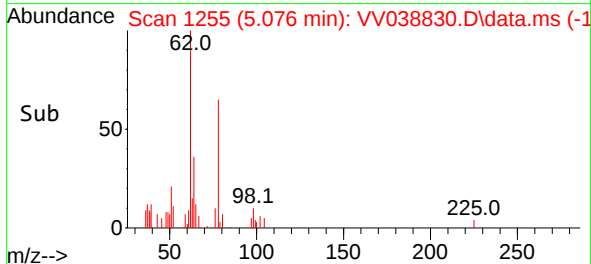
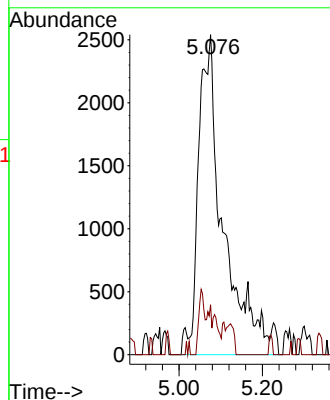
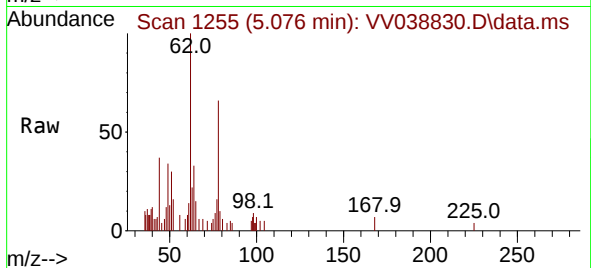
VSTDICC001

Tgt Ion: 62 Resp: 10584  
 Ion Ratio Lower Upper  
 62 100  
 98 5.0 0.0 17.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/30/2025  
 Supervised By :Semsettin Yesilyurt 06/30/2025



#43

Isopropyl Acetate

Concen: 0.787 ug/l m

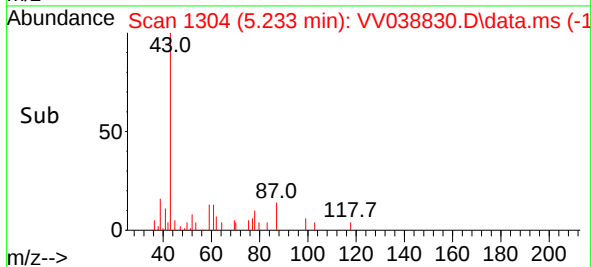
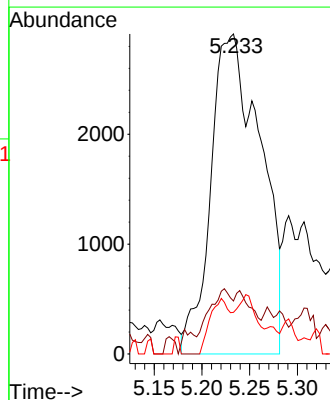
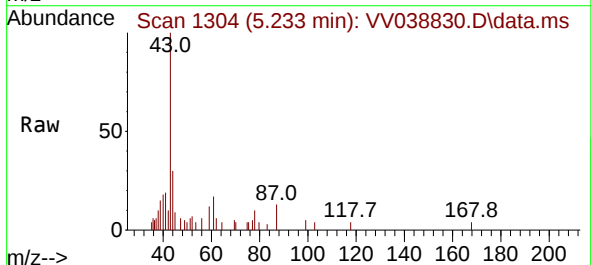
RT: 5.233 min Scan# 1304

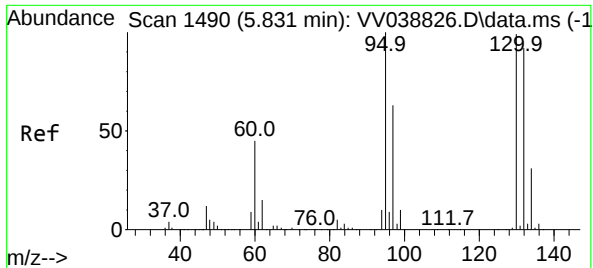
Delta R.T. 0.045 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

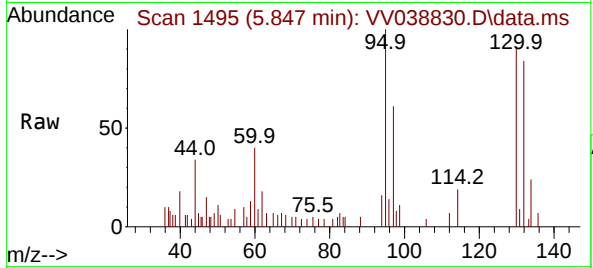
Tgt Ion: 43 Resp: 10566  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 15.4 23.2#  
 87 3.0 10.1 15.1#





#44  
 Trichloroethene  
 Concen: 1.039 ug/l  
 RT: 5.847 min Scan# 1495  
 Delta R.T. 0.016 min  
 Lab File: VV038830.D  
 Acq: 27 Jun 2025 13:10

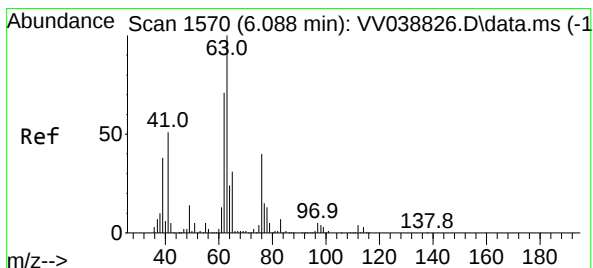
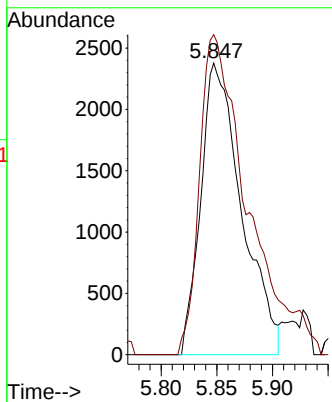
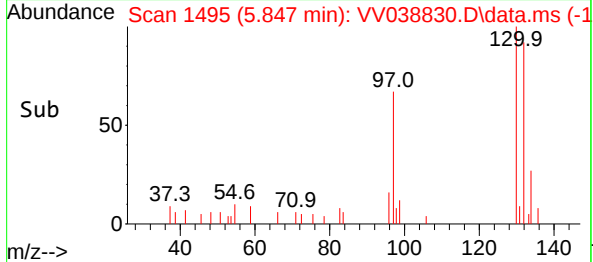
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC001



Tgt Ion:130 Resp: 6060  
 Ion Ratio Lower Upper  
 130 100  
 95 109.7 0.0 201.6

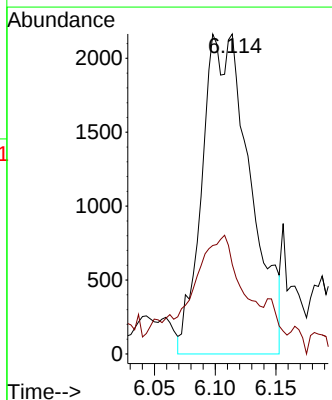
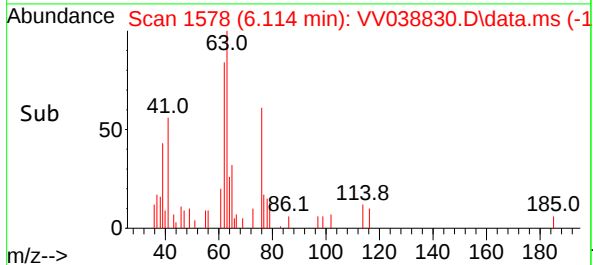
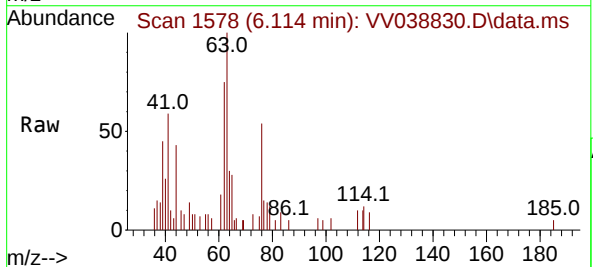
Manual Integrations  
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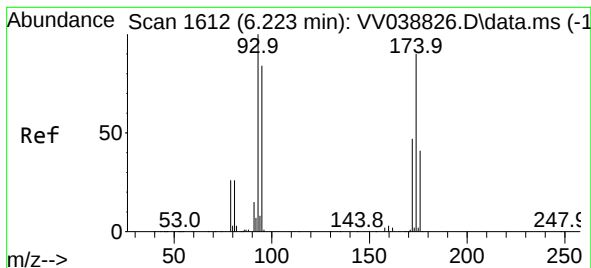
Reviewed By :Mahesh Dadoda 06/30/2025  
 Supervised By :Semsettin Yesilyurt 06/30/2025



#45  
 1,2-Dichloropropane  
 Concen: 0.948 ug/l m  
 RT: 6.114 min Scan# 1578  
 Delta R.T. 0.026 min  
 Lab File: VV038830.D  
 Acq: 27 Jun 2025 13:10

Tgt Ion: 63 Resp: 5960  
 Ion Ratio Lower Upper  
 63 100  
 65 27.9 24.3 36.5





#46

Dibromomethane

Concen: 1.101 ug/l

RT: 6.246 min Scan# 1619

Delta R.T. 0.022 min

Lab File: VV038830.D

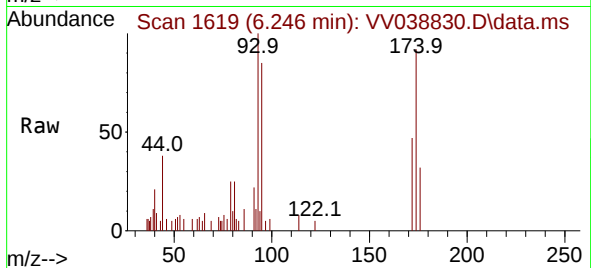
Acq: 27 Jun 2025 13:10

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICC001

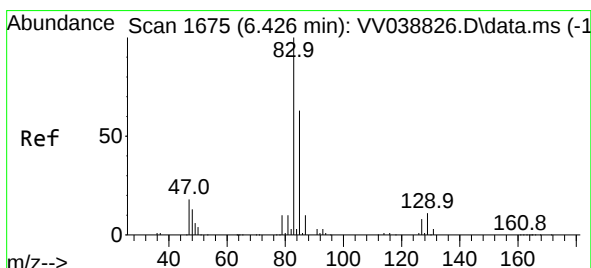
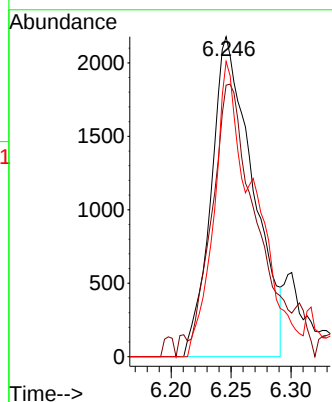


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 5278  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 80.4  | 66.9  | 100.3 |
| 174      | 57.6  | 71.4  | 107.0 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#47

Bromodichloromethane

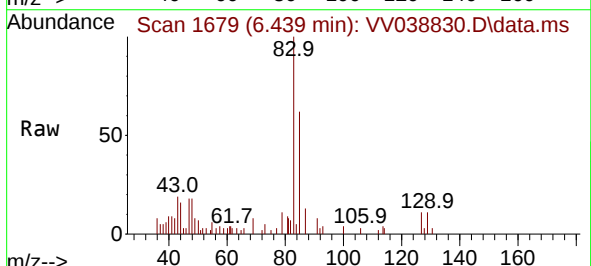
Concen: 1.110 ug/l

RT: 6.439 min Scan# 1679

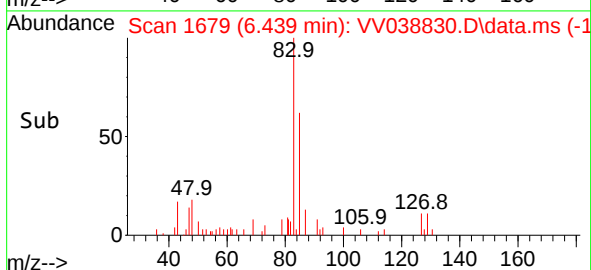
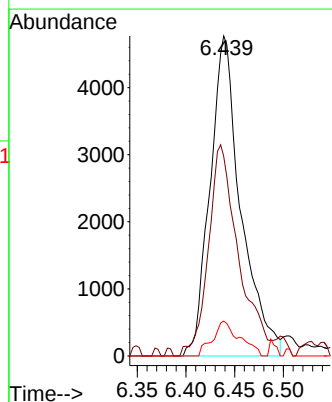
Delta R.T. 0.013 min

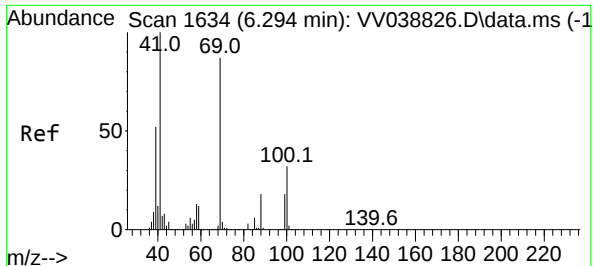
Lab File: VV038830.D

Acq: 27 Jun 2025 13:10



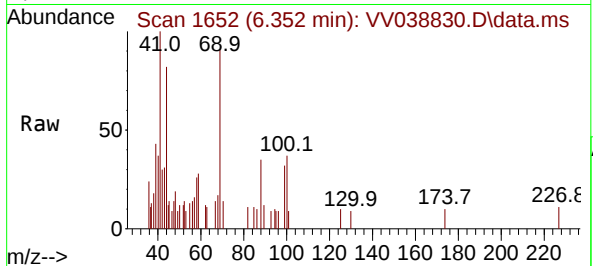
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 10509 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.4  | 50.7  | 76.1  |
| 127      | 10.9  | 6.2   | 9.2   |





#48  
Methyl methacrylate  
Concen: 0.845 ug/l m  
RT: 6.352 min Scan# 1652  
Delta R.T. 0.058 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

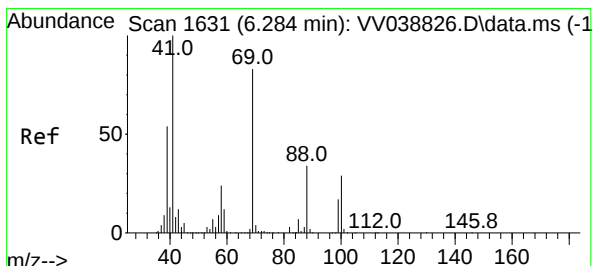
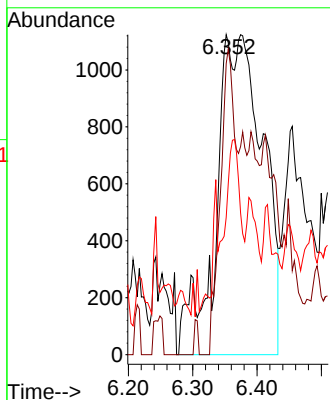
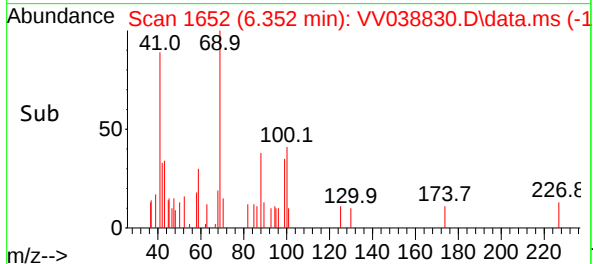
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001



Tgt Ion: 41 Resp: 5678  
Ion Ratio Lower Upper  
41 100  
69 0.0 70.4 105.6#  
39 1.3 42.3 63.5#

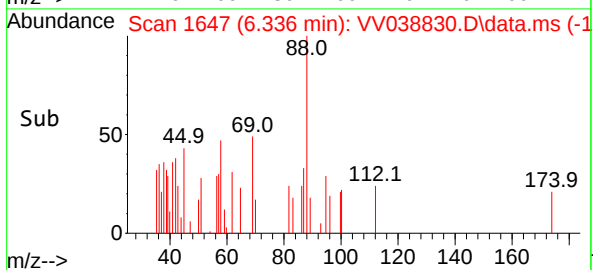
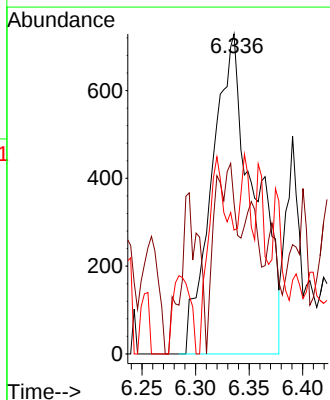
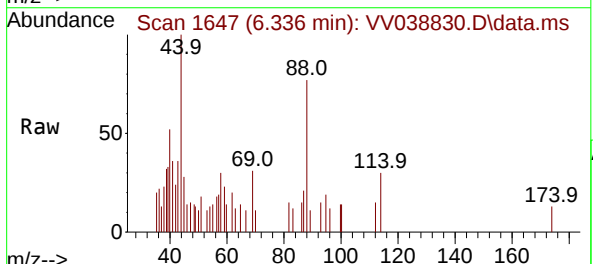
Manual Integrations  
APPROVED

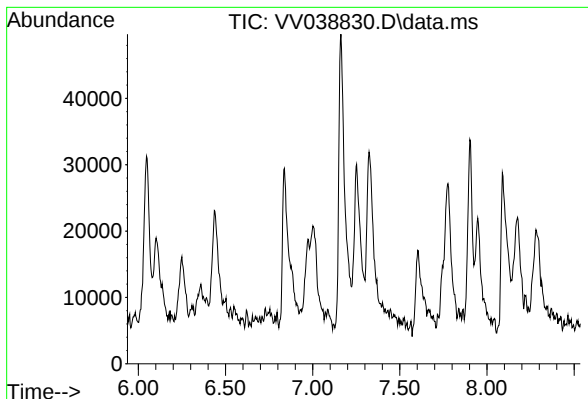
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#49  
1,4-Dioxane  
Concen: 21.873 ug/l m  
RT: 6.336 min Scan# 1647  
Delta R.T. 0.051 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Tgt Ion: 88 Resp: 2012  
Ion Ratio Lower Upper  
88 100  
43 0.0 30.4 45.6#  
58 15.6 59.6 89.4#





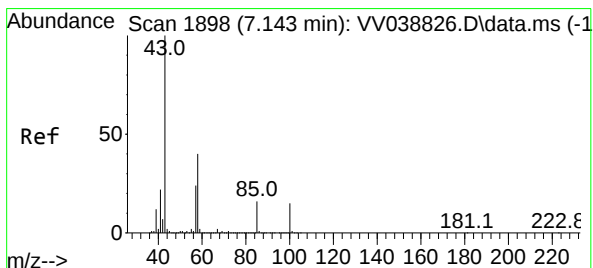
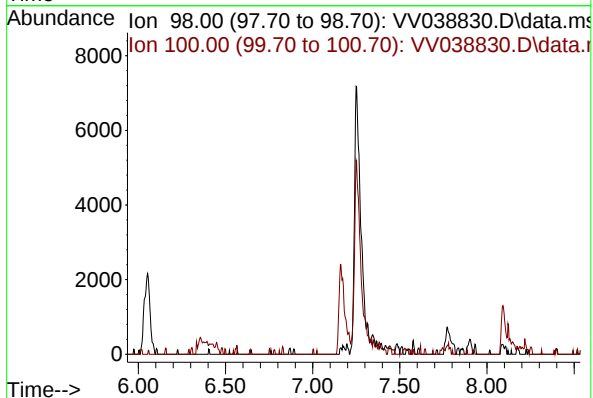
#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 7.24 min  
  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001

Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 64.6

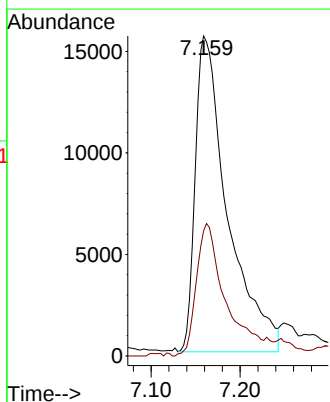
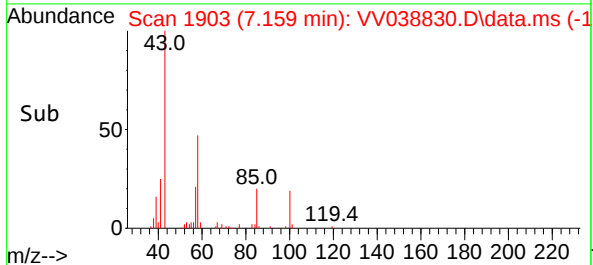
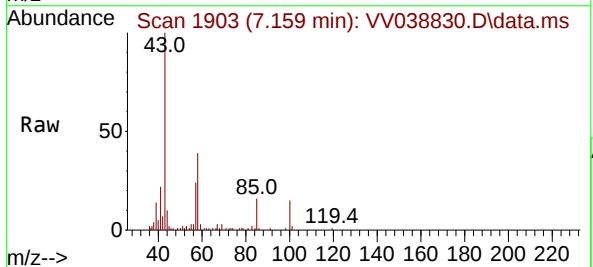
Manual Integrations  
APPROVED

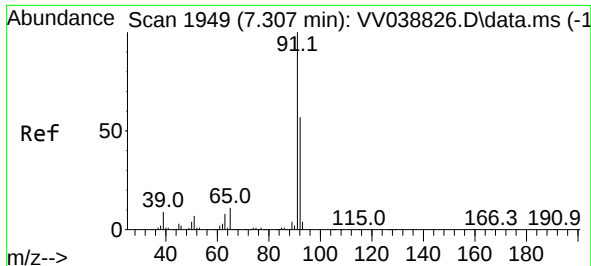
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#51  
4-Methyl-2-Pentanone  
Concen: 3.974 ug/l  
RT: 7.159 min Scan# 1903  
Delta R.T. 0.016 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

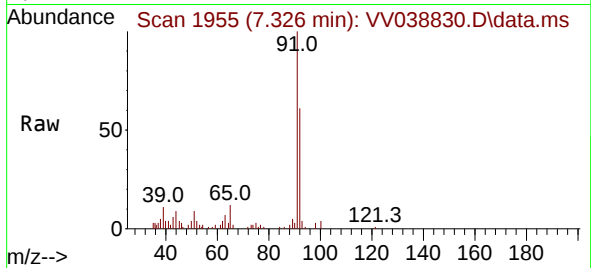
Tgt Ion: 43 Resp: 39209  
Ion Ratio Lower Upper  
43 100  
58 37.8 31.4 47.2





#52  
Toluene  
Concen: 1.026 ug/l  
RT: 7.326 min Scan# 1949  
Delta R.T. 0.019 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

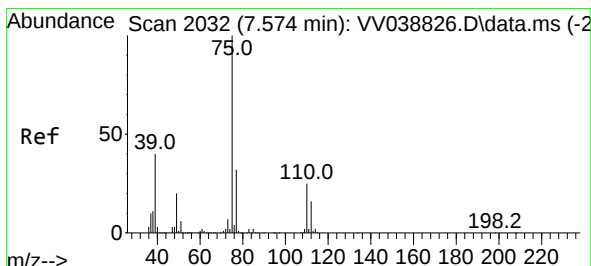
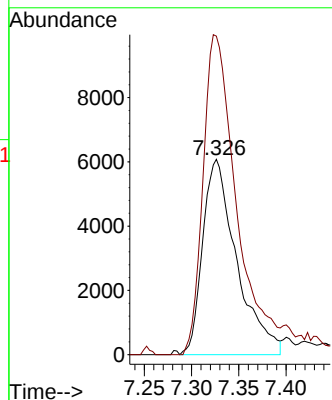
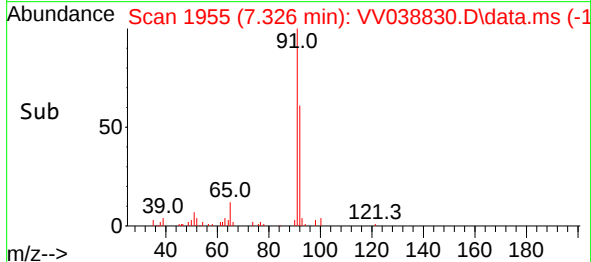
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001



Tgt Ion: 92 Resp: 1520  
Ion Ratio Lower Upper  
92 100  
91 161.1 140.3 210.5

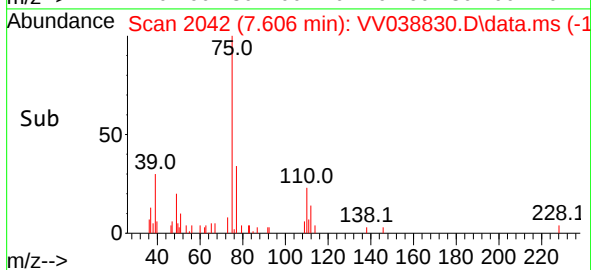
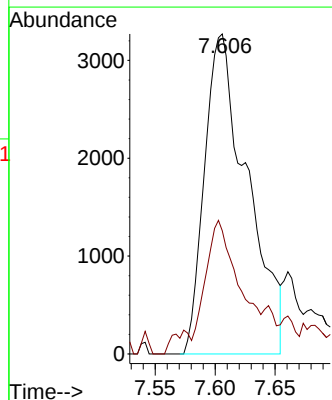
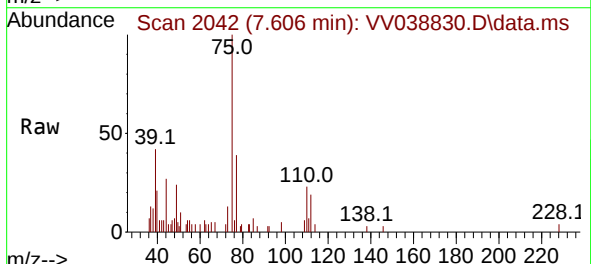
Manual Integrations  
APPROVED

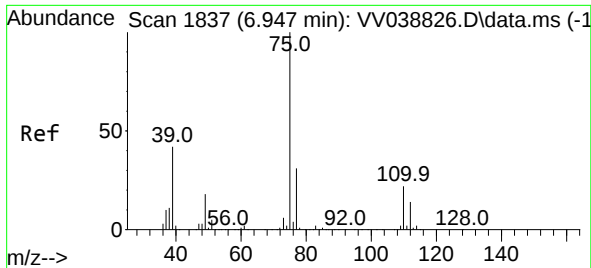
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#53  
t-1,3-Dichloropropene  
Concen: 0.897 ug/l  
RT: 7.606 min Scan# 2042  
Delta R.T. 0.032 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

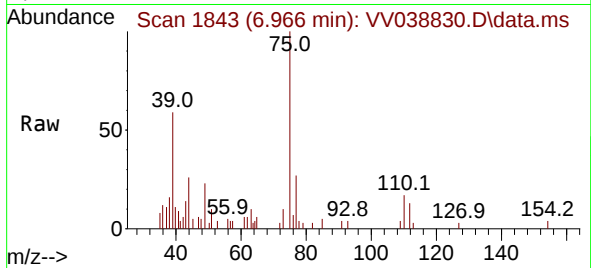
Tgt Ion: 75 Resp: 8096  
Ion Ratio Lower Upper  
75 100  
77 33.6 25.4 38.2





#54  
 cis-1,3-Dichloropropene  
 Concen: 0.996 ug/l  
 RT: 6.966 min Scan# 1843  
 Delta R.T. 0.019 min  
 Lab File: VV038830.D  
 Acq: 27 Jun 2025 13:10

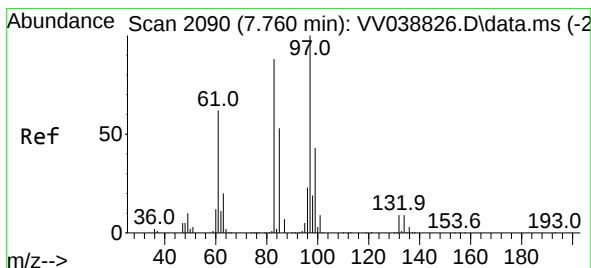
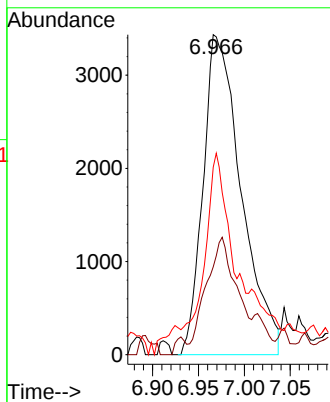
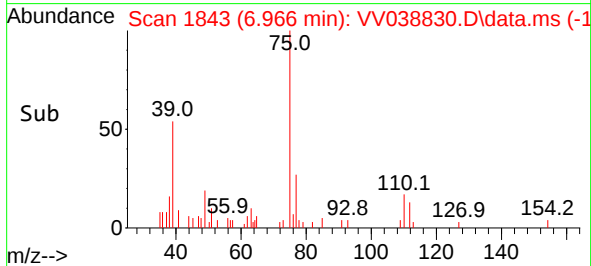
Instrument : MSVOA\_V  
 ClientSampleId : VSTDIC001



Tgt Ion: 75 Resp: 994  
 Ion Ratio Lower Upper  
 75 100  
 77 22.6 25.1 37.7  
 39 50.1 33.8 50.6

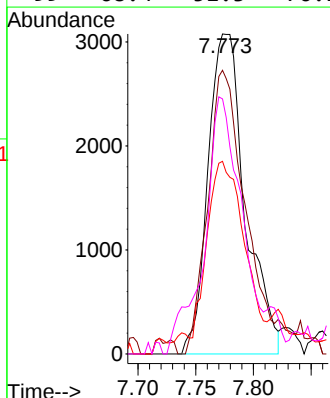
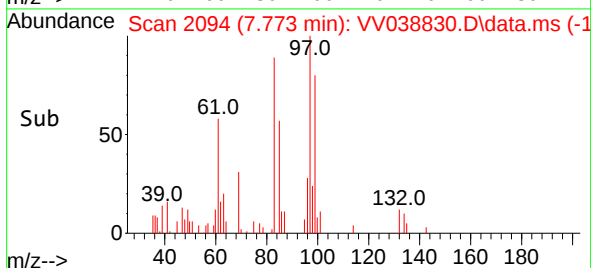
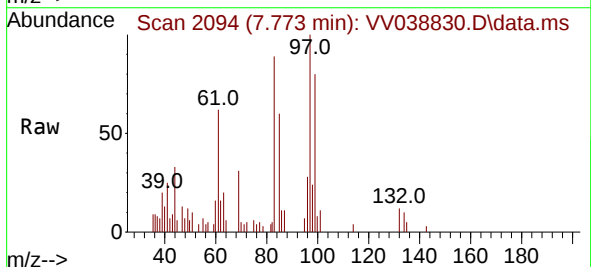
Manual Integrations  
 APPROVED

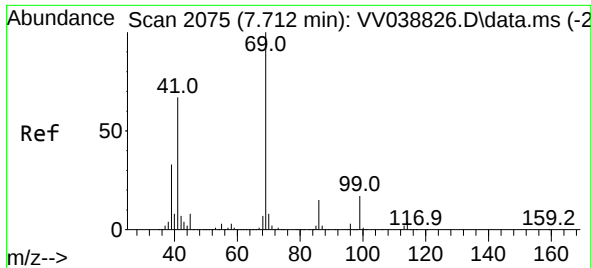
Reviewed By :Mahesh Dadoda 06/30/2025  
 Supervised By :Semsettin Yesilyurt 06/30/2025



#55  
 1,1,2-Trichloroethane  
 Concen: 1.077 ug/l  
 RT: 7.773 min Scan# 2094  
 Delta R.T. 0.013 min  
 Lab File: VV038830.D  
 Acq: 27 Jun 2025 13:10

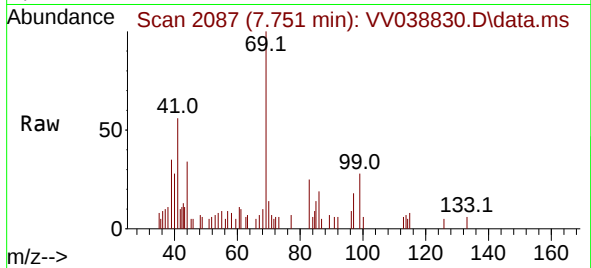
Tgt Ion: 97 Resp: 6886  
 Ion Ratio Lower Upper  
 97 100  
 83 88.7 69.9 104.9  
 85 54.7 44.2 66.4  
 99 68.4 51.3 76.9





#56  
Ethyl methacrylate  
Concen: 0.856 ug/l m  
RT: 7.751 min Scan# 2075  
Delta R.T. 0.039 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

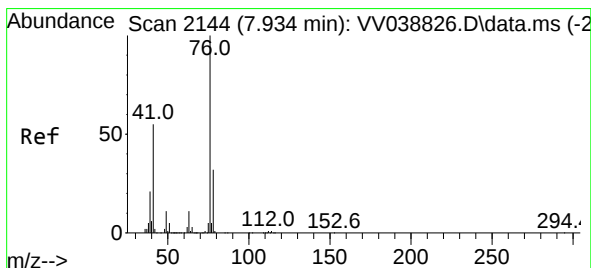
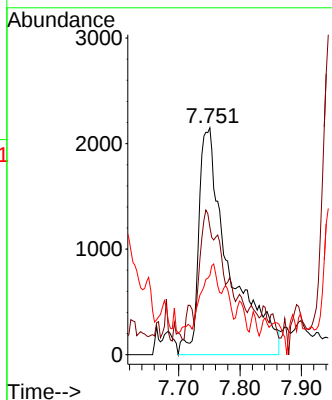
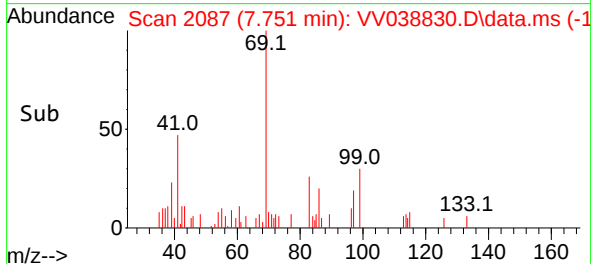
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC001



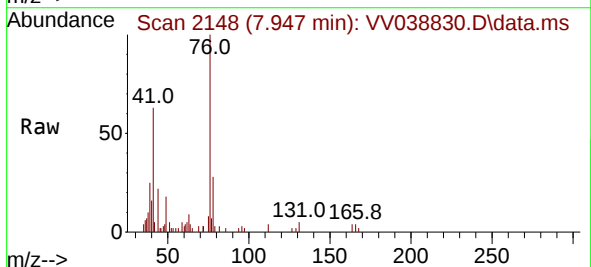
Tgt Ion: 69 Resp: 7430  
Ion Ratio Lower Upper  
69 100  
41 0.0 52.2 78.4  
39 2.6 26.1 39.1

Manual Integrations  
APPROVED

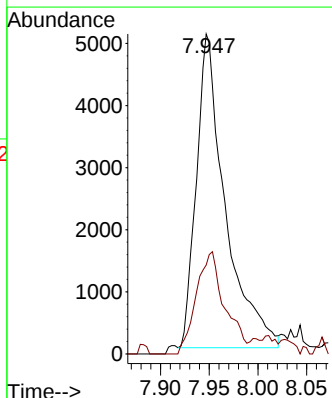
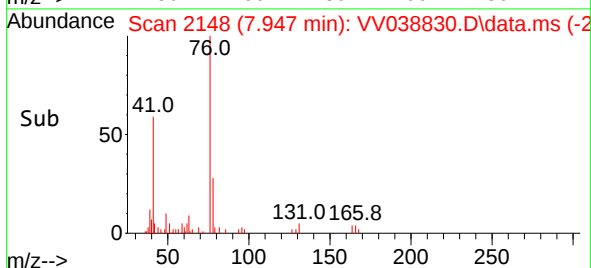
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025

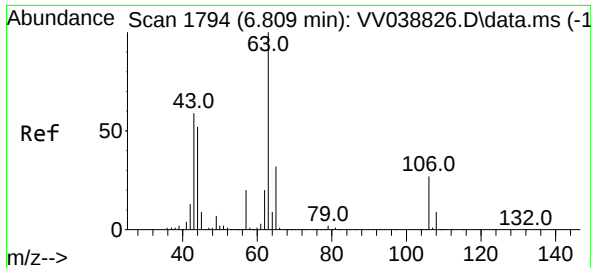


#57  
1,3-Dichloropropane  
Concen: 0.987 ug/l  
RT: 7.947 min Scan# 2148  
Delta R.T. 0.013 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10



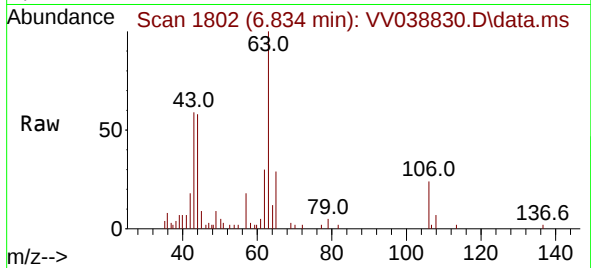
Tgt Ion: 76 Resp: 10386  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.9 38.9





#58  
2-Chloroethyl Vinyl ether  
Concen: 11.054 ug/l  
RT: 6.834 min Scan# 1802  
Delta R.T. 0.025 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

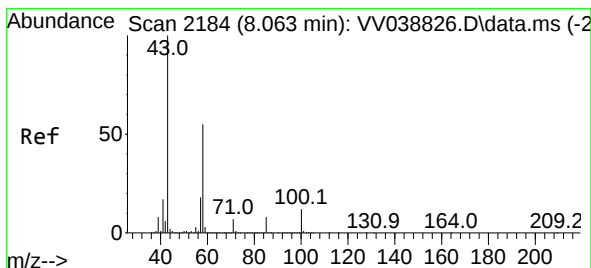
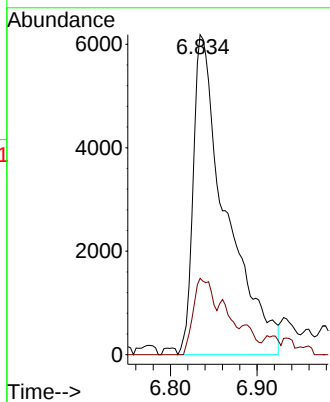
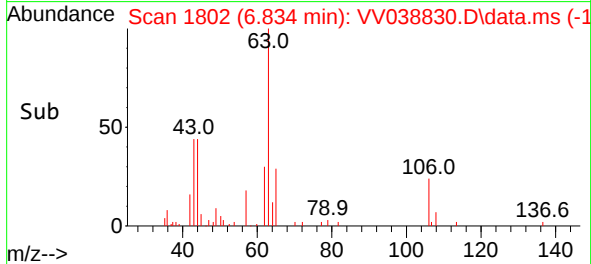
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001



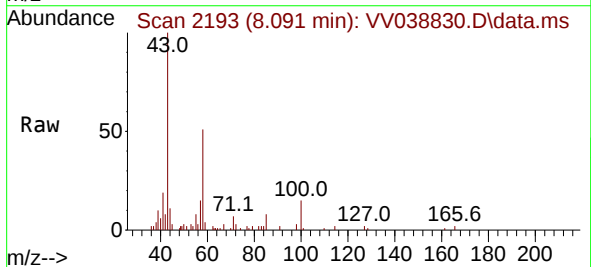
Tgt Ion: 63 Resp: 16229  
Ion Ratio Lower Upper  
63 100  
106 14.7 21.1 31.7

Manual Integrations  
APPROVED

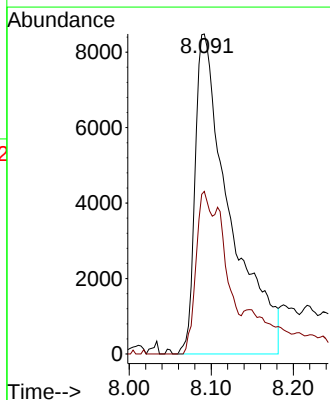
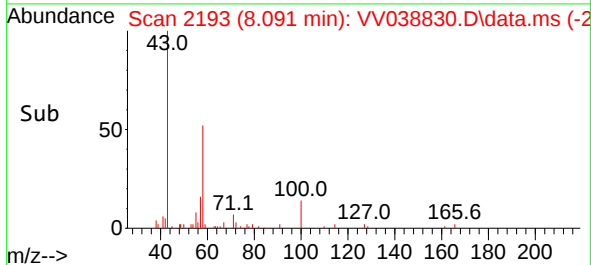
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025

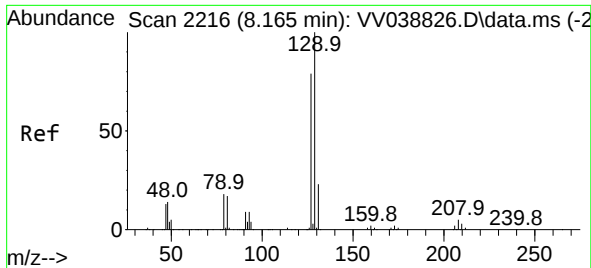


#59  
2-Hexanone  
Concen: 3.567 ug/l  
RT: 8.091 min Scan# 2193  
Delta R.T. 0.029 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10



Tgt Ion: 43 Resp: 24793  
Ion Ratio Lower Upper  
43 100  
58 22.7 27.5 82.4





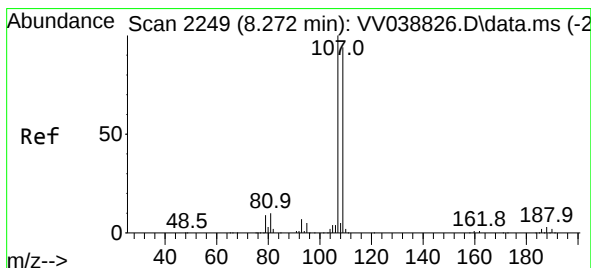
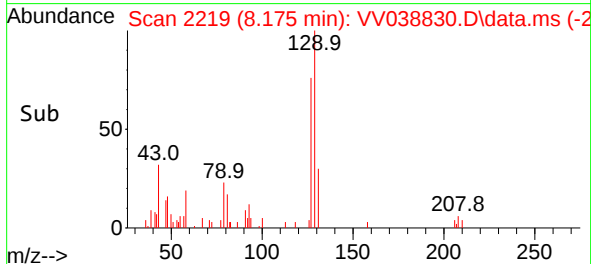
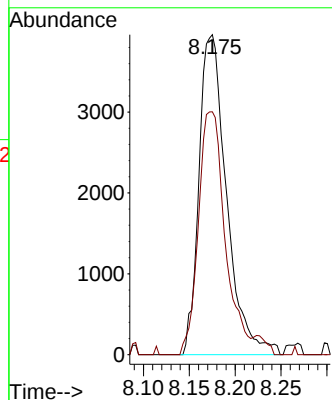
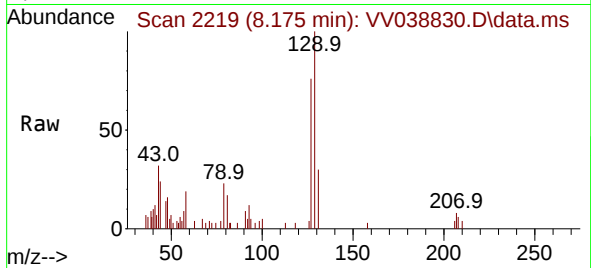
#60  
Dibromochloromethane  
Concen: 1.116 ug/l  
RT: 8.175 min Scan# 211  
Delta R.T. 0.010 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001

Tgt Ion:129 Resp: 827  
Ion Ratio Lower Upper  
129 100  
127 73.4 39.4 118.1

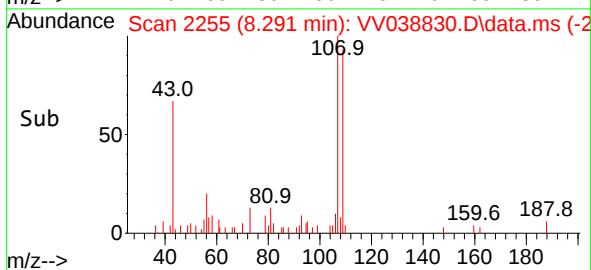
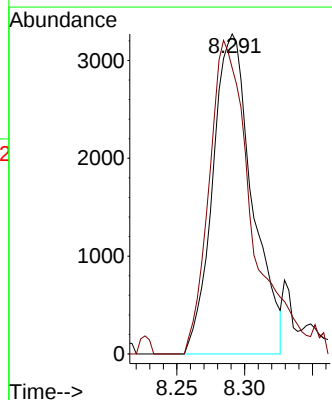
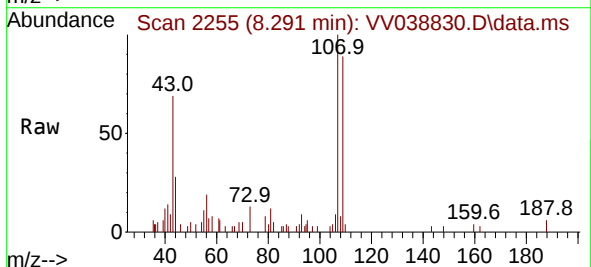
Manual Integrations  
APPROVED

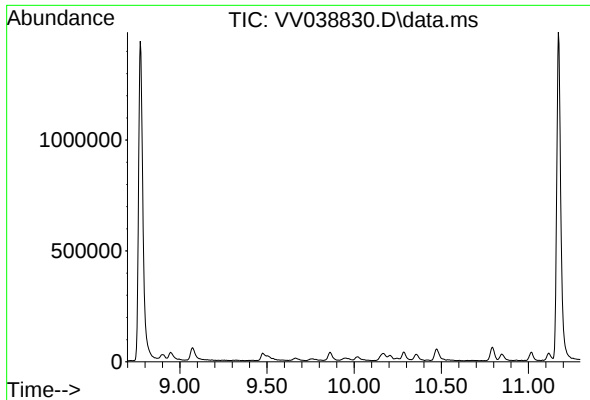
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#61  
1,2-Dibromoethane  
Concen: 1.005 ug/l  
RT: 8.291 min Scan# 2255  
Delta R.T. 0.019 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Tgt Ion:107 Resp: 6634  
Ion Ratio Lower Upper  
107 100  
109 105.9 75.4 113.0





#62  
 4-Bromofluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 10.00 min  
 Lab File: VV038830.D  
 Acq: 27 Jun 2025 13:10

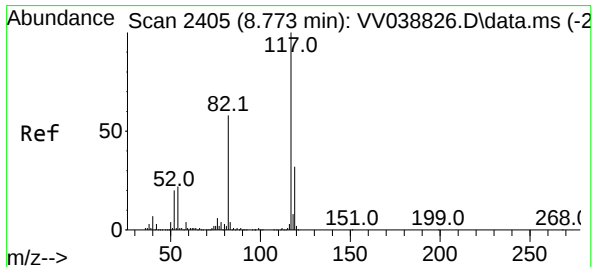
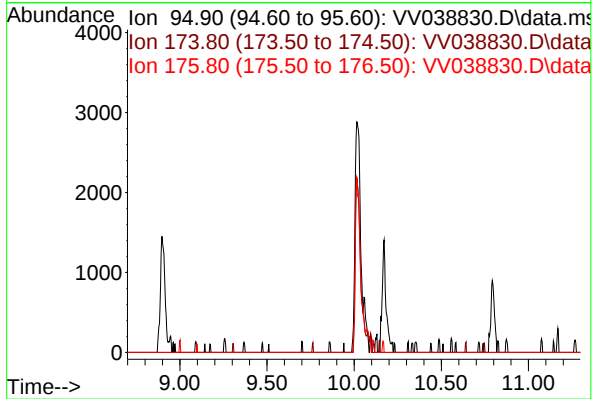
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICC001

Tgt Ion: 95  

| Sig | Exp Ratio |
|-----|-----------|
| 95  | 100       |
| 174 | 75.5      |
| 176 | 72.5      |

### Manual Integrations APPROVED

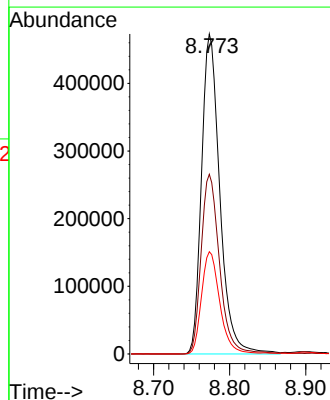
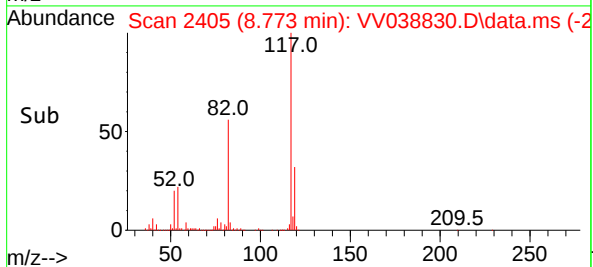
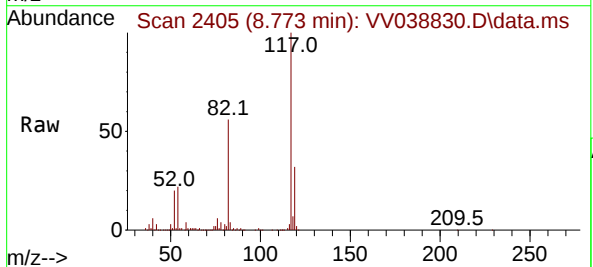
Reviewed By :Mahesh Dadoda 06/30/2025  
 Supervised By :Semsettin Yesilyurt 06/30/2025

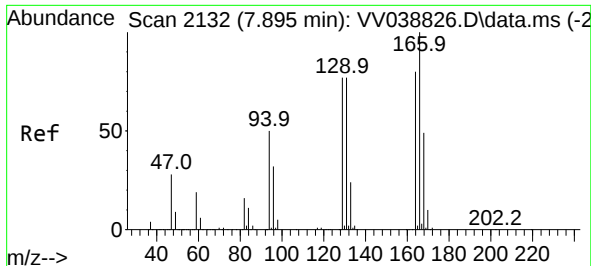


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 8.773 min Scan# 2405  
 Delta R.T. -0.000 min  
 Lab File: VV038830.D  
 Acq: 27 Jun 2025 13:10

Tgt Ion:117 Resp: 791673  

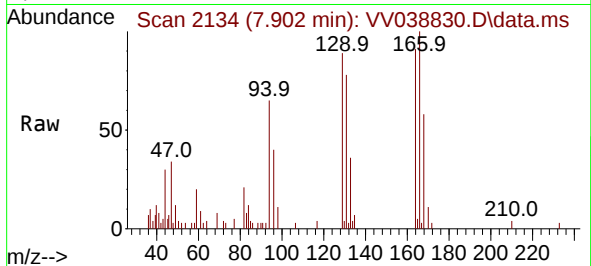
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 56.2  | 46.2  | 69.2  |
| 119 | 32.0  | 25.8  | 38.8  |





#64  
Tetrachloroethene  
Concen: 1.108 ug/l  
RT: 7.902 min Scan# 2134  
Delta R.T. 0.006 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

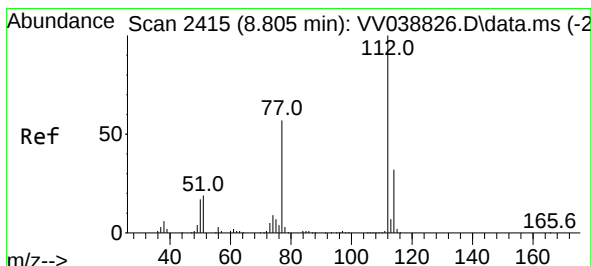
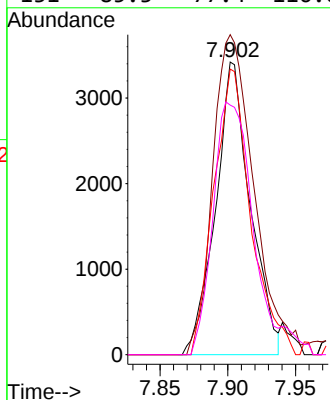
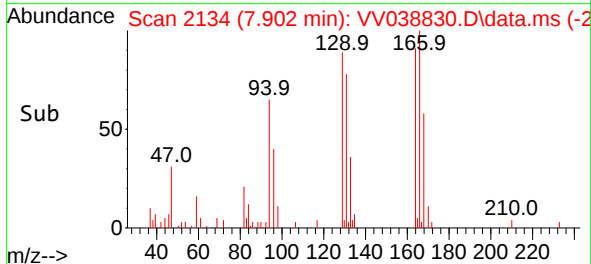
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001



Tgt Ion:164 Resp: 6120  
Ion Ratio Lower Upper  
164 100  
166 109.3 100.3 150.5  
129 97.6 77.5 116.3  
131 85.3 77.4 116.0

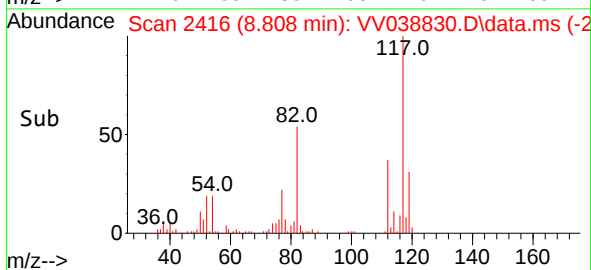
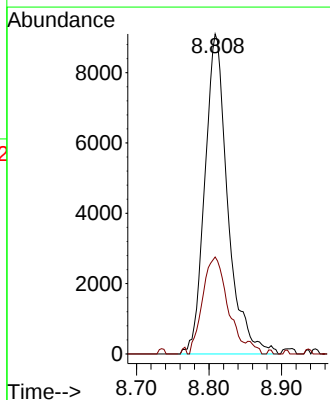
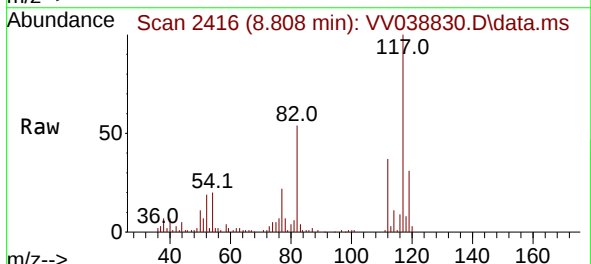
Manual Integrations  
APPROVED

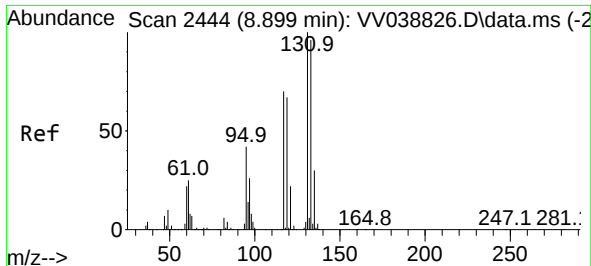
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#65  
Chlorobenzene  
Concen: 1.155 ug/l  
RT: 8.808 min Scan# 2416  
Delta R.T. 0.003 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

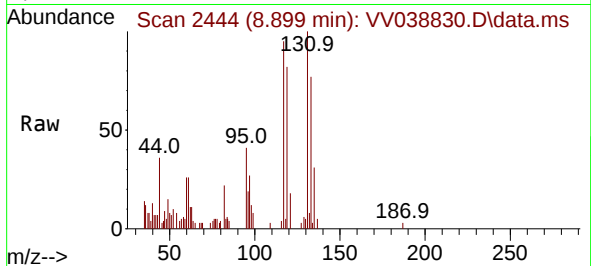
Tgt Ion:112 Resp: 19992  
Ion Ratio Lower Upper  
112 100  
114 30.3 25.4 38.0





#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.181 ug/l  
RT: 8.899 min Scan# 2444  
Delta R.T. -0.000 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

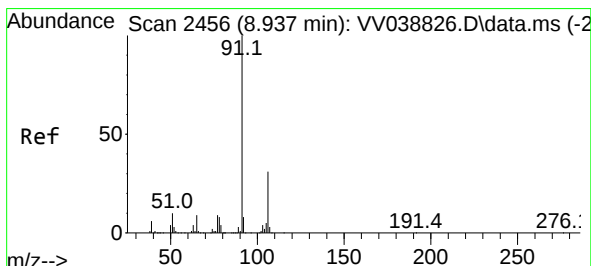
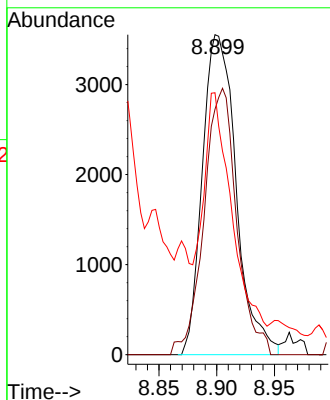
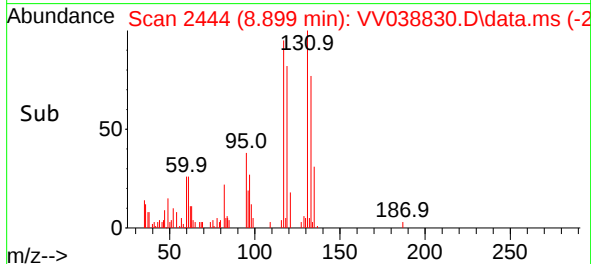
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC001



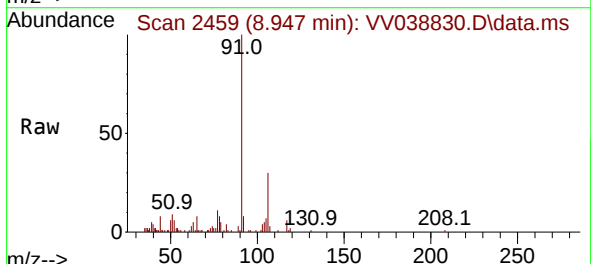
Tgt Ion:131 Resp: 7230  
Ion Ratio Lower Upper  
131 100  
133 80.4 48.1 144.4  
119 0.0 34.2 102.5

Manual Integrations  
APPROVED

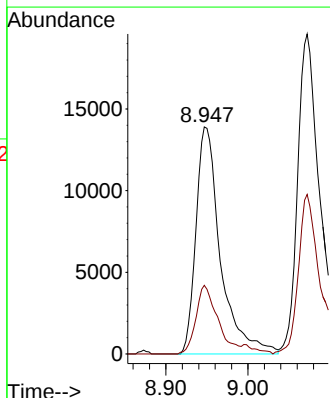
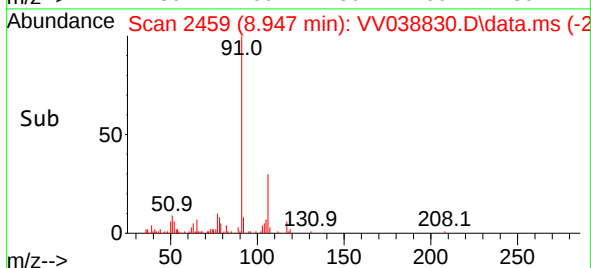
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025

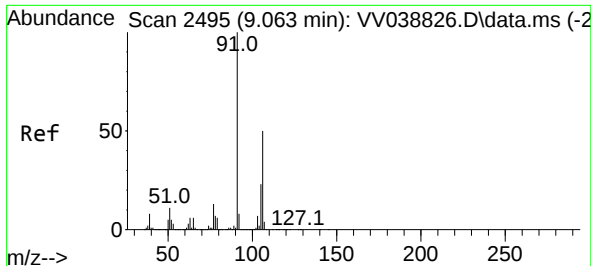


#67  
Ethyl Benzene  
Concen: 1.058 ug/l  
RT: 8.947 min Scan# 2459  
Delta R.T. 0.010 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10



Tgt Ion: 91 Resp: 28825  
Ion Ratio Lower Upper  
91 100  
106 30.2 25.0 37.6





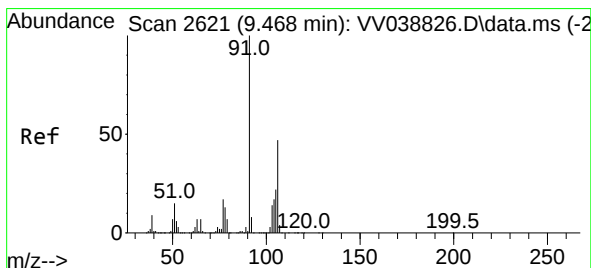
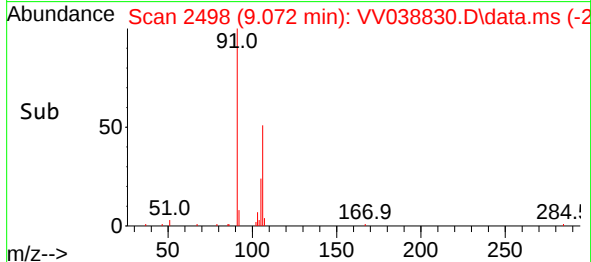
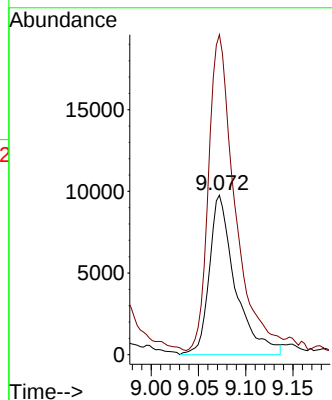
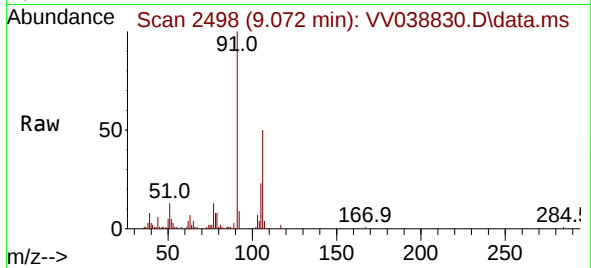
#68  
m/p-Xylenes  
Concen: 1.818 ug/l  
RT: 9.072 min Scan# 2498  
Delta R.T. 0.010 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001

Tgt Ion:106 Resp: 1866  
Ion Ratio Lower Upper  
106 100  
91 200.4 161.8 242.8

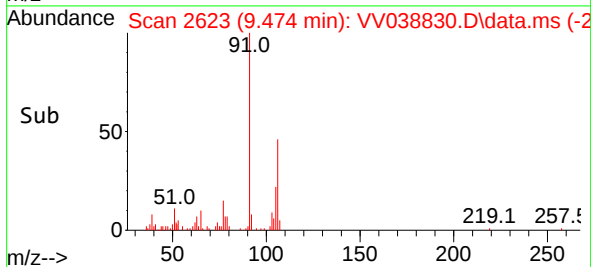
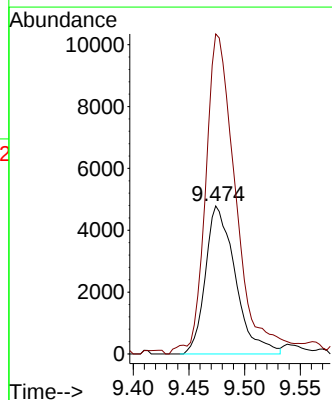
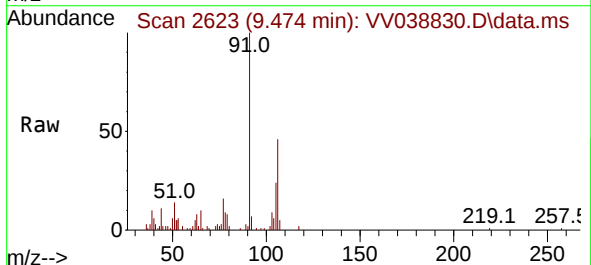
Manual Integrations  
APPROVED

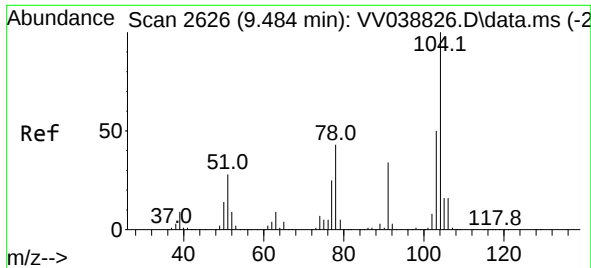
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#69  
o-Xylene  
Concen: 0.931 ug/l  
RT: 9.474 min Scan# 2623  
Delta R.T. 0.006 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Tgt Ion:106 Resp: 8937  
Ion Ratio Lower Upper  
106 100  
91 219.6 106.1 318.1





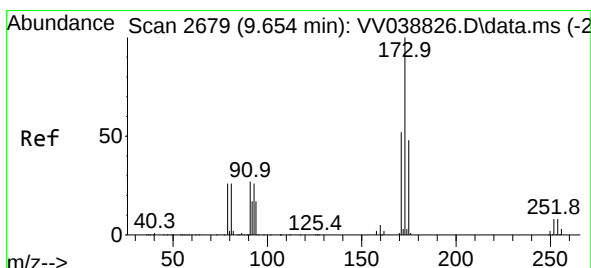
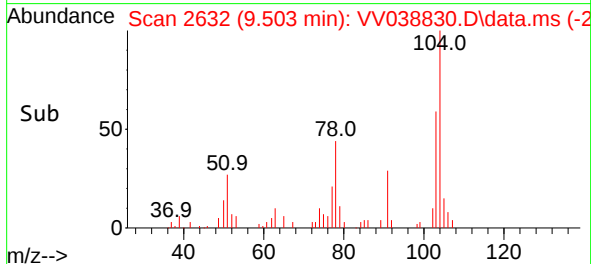
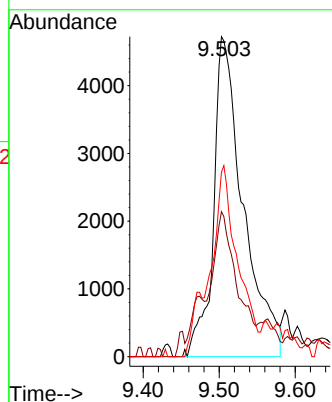
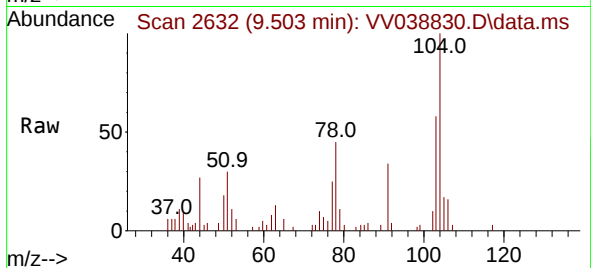
#70  
Styrene  
Concen: 0.789 ug/l  
RT: 9.503 min Scan# 2632  
Delta R.T. 0.019 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001

Tgt Ion:104 Resp: 12784  
Ion Ratio Lower Upper  
104 100  
78 26.8 38.8 58.2  
103 41.1 43.4 65.2

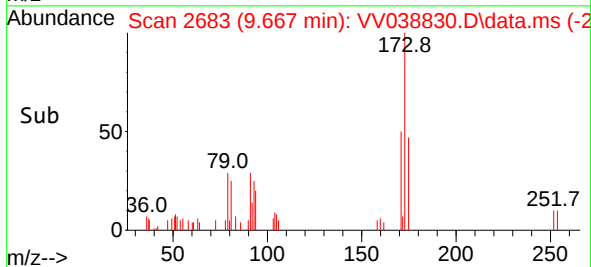
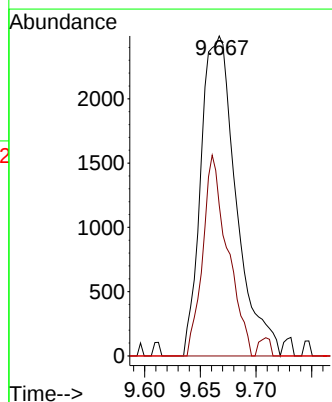
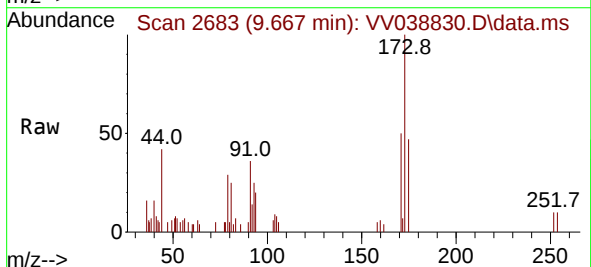
Manual Integrations  
APPROVED

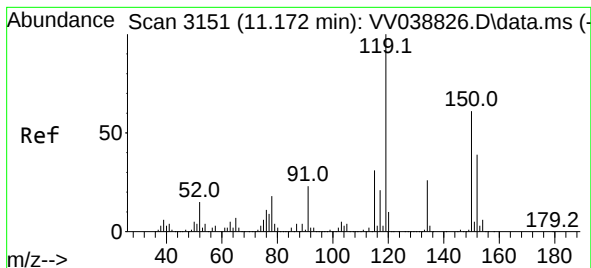
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#71  
Bromoform  
Concen: 1.108 ug/l  
RT: 9.667 min Scan# 2683  
Delta R.T. 0.013 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

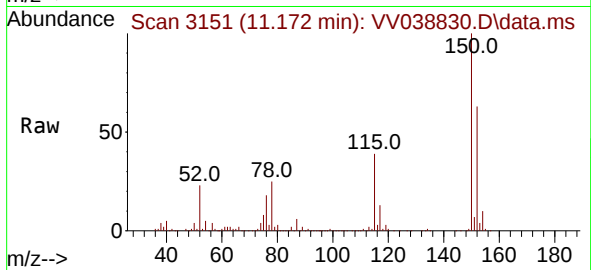
Tgt Ion:173 Resp: 5466  
Ion Ratio Lower Upper  
173 100  
175 44.2 24.1 72.2  
254 0.0 0.2 0.2





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.172 min Scan# 3151  
Delta R.T. -0.000 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

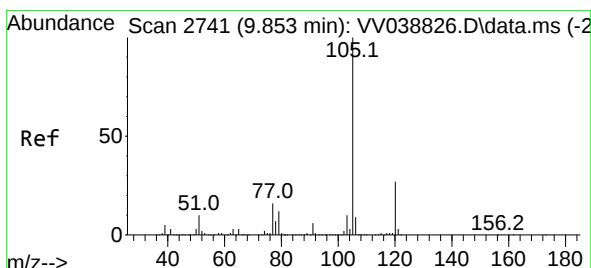
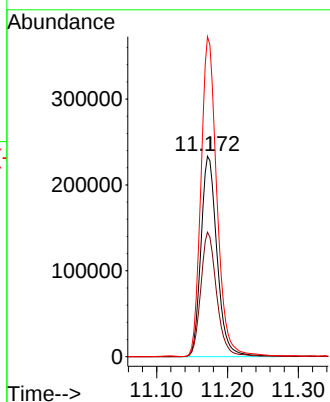
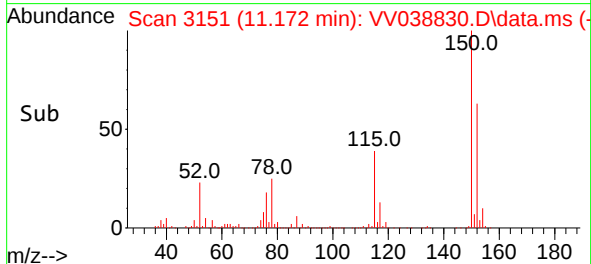
Instrument : MSVOA\_V  
ClientSampleId : VSTDIC001



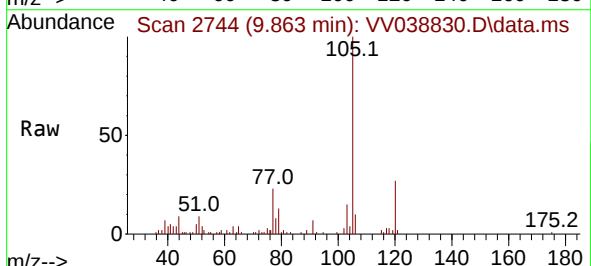
Tgt Ion:152 Resp: 36887  
Ion Ratio Lower Upper  
152 100  
115 61.4 41.3 123.7  
150 157.3 0.0 344.6

Manual Integrations  
APPROVED

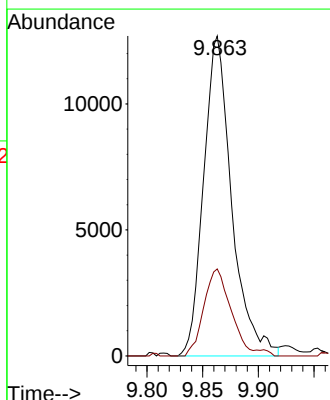
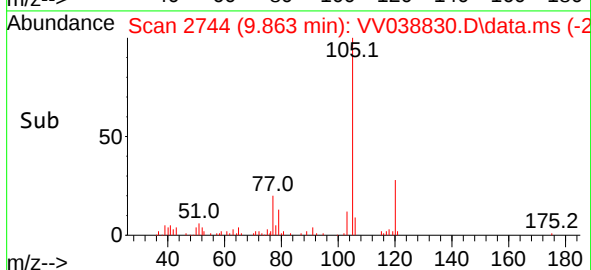
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025

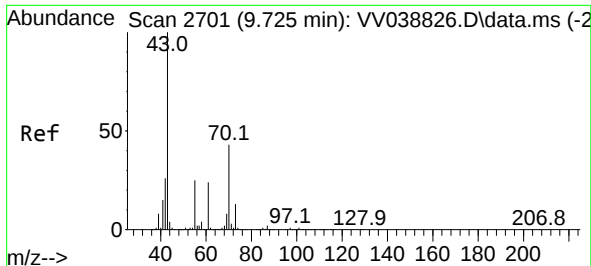


#73  
Isopropylbenzene  
Concen: 0.989 ug/l  
RT: 9.863 min Scan# 2744  
Delta R.T. 0.010 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10



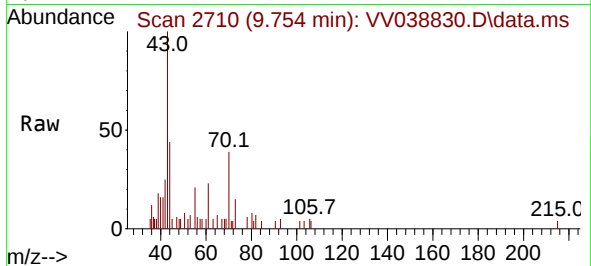
Tgt Ion:105 Resp: 22254  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.2 39.6





#74  
N-amy1 acetate  
Concen: 0.884 ug/l m  
RT: 9.754 min Scan# 21  
Delta R.T. 0.029 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

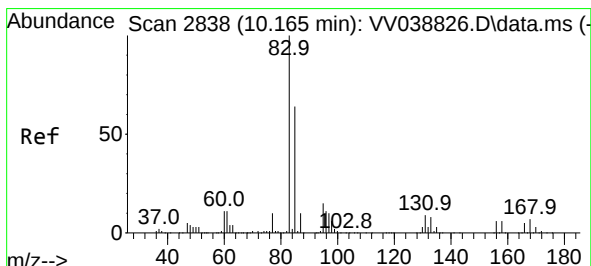
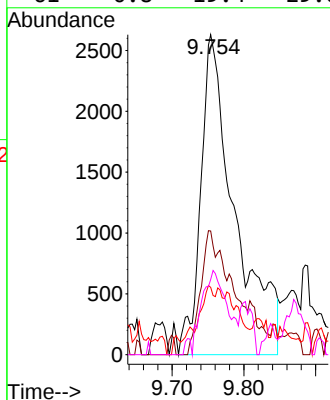
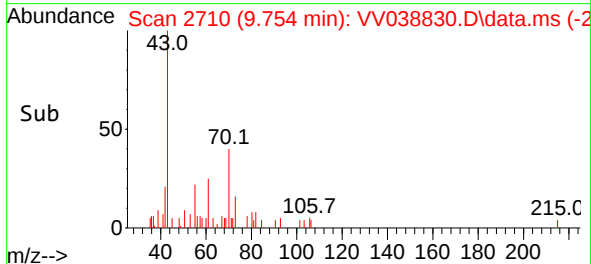
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001



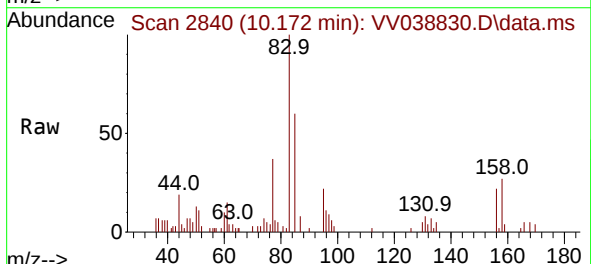
Tgt Ion: 43 Resp: 8684  
Ion Ratio Lower Upper  
43 100  
70 0.0 34.4 51.6  
55 1.0 20.0 30.0  
61 0.8 19.4 29.0#

Manual Integrations  
APPROVED

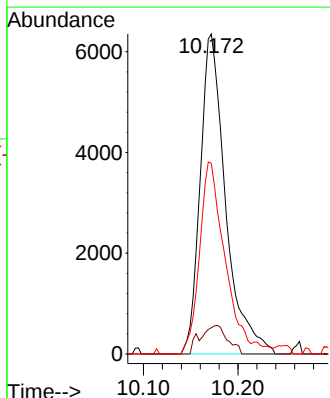
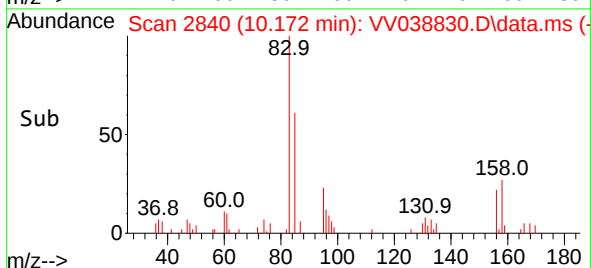
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025

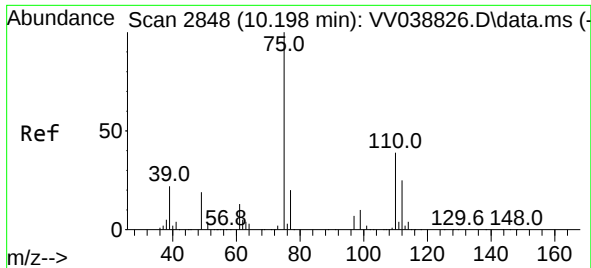


#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.265 ug/l  
RT: 10.172 min Scan# 2840  
Delta R.T. 0.006 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10



Tgt Ion: 83 Resp: 11850  
Ion Ratio Lower Upper  
83 100  
131 7.9 4.5 13.4  
85 60.8 32.0 96.2





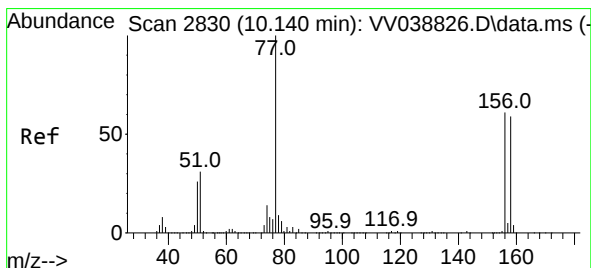
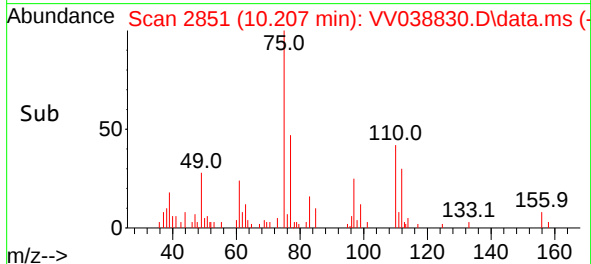
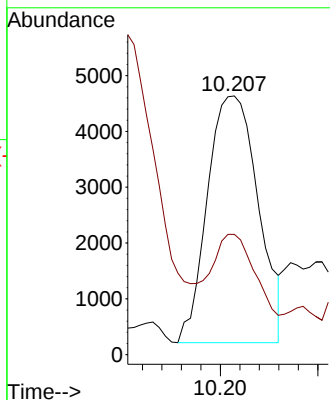
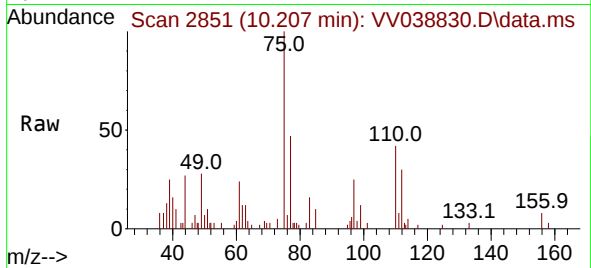
#76  
1,2,3-Trichloropropane  
Concen: 1.145 ug/l  
RT: 10.207 min Scan# 2851  
Delta R.T. 0.010 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC001

Tgt Ion: 75 Resp: 802  
Ion Ratio Lower Upper  
75 100  
77 28.4 17.3 52.0

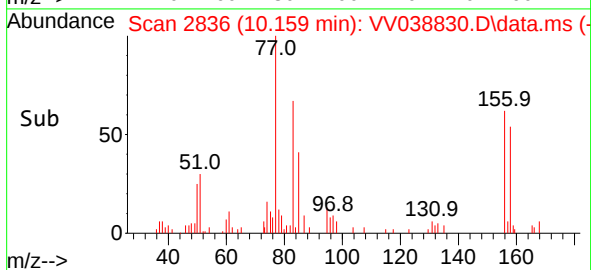
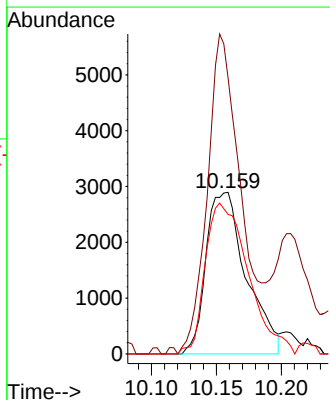
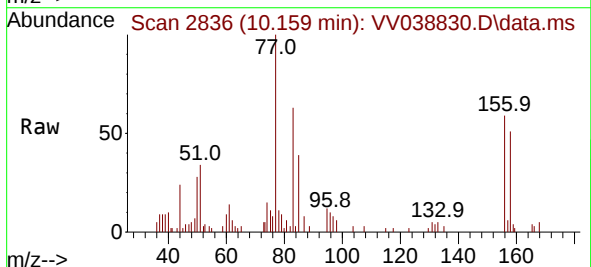
Manual Integrations  
APPROVED

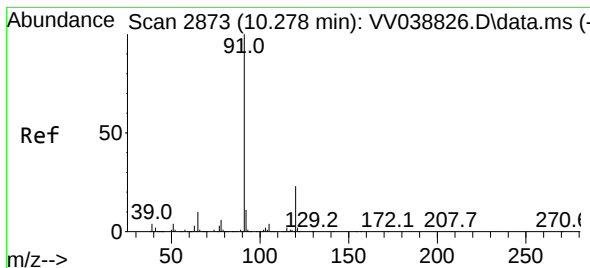
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#77  
Bromobenzene  
Concen: 1.102 ug/l  
RT: 10.159 min Scan# 2836  
Delta R.T. 0.019 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Tgt Ion:156 Resp: 6246  
Ion Ratio Lower Upper  
156 100  
77 161.7 81.5 244.6  
158 99.7 48.0 144.0





#78

n-propylbenzene

Concen: 0.980 ug/l

RT: 10.284 min Scan# 2875

Delta R.T. 0.006 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICC001

Tgt Ion: 91 Resp: 2666

Ion Ratio Lower Upper

91 100

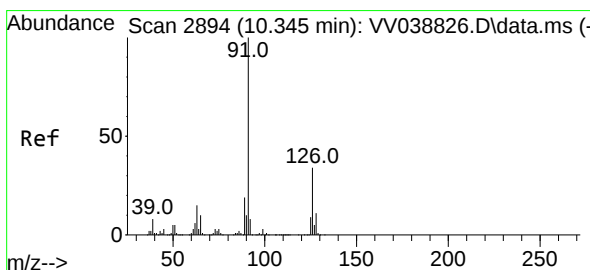
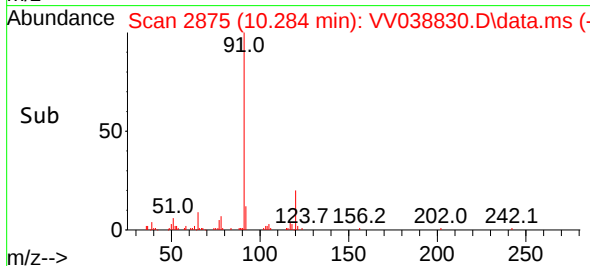
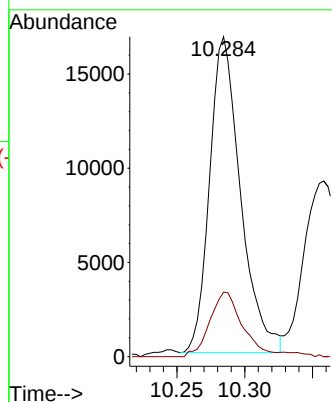
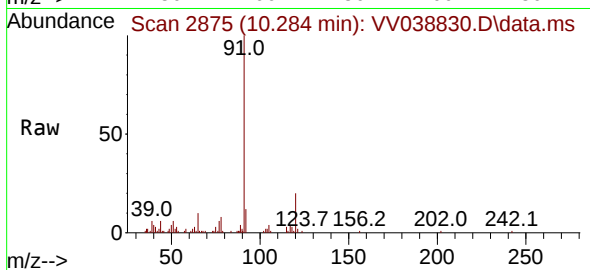
120 22.6 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#79

2-Chlorotoluene

Concen: 1.061 ug/l

RT: 10.358 min Scan# 2898

Delta R.T. 0.013 min

Lab File: VV038830.D

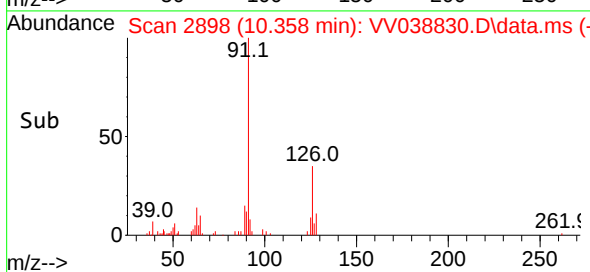
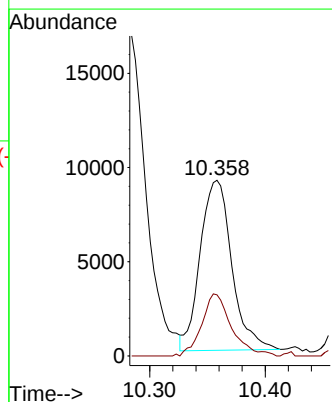
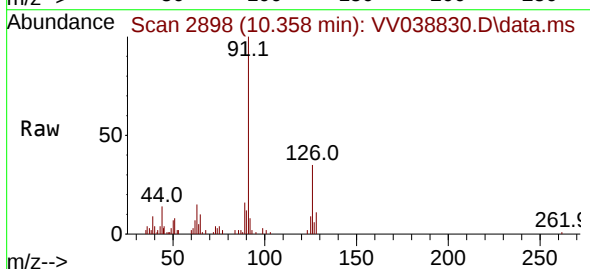
Acq: 27 Jun 2025 13:10

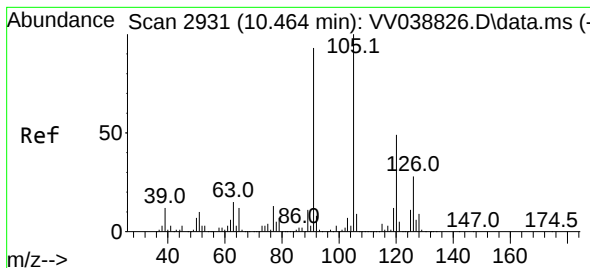
Tgt Ion: 91 Resp: 17172

Ion Ratio Lower Upper

91 100

126 34.3 17.1 51.2





#80

1,3,5-Trimethylbenzene

Concen: 0.959 ug/l

RT: 10.471 min Scan# 2931

Delta R.T. 0.006 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 17918

Ion Ratio Lower Upper

105 100

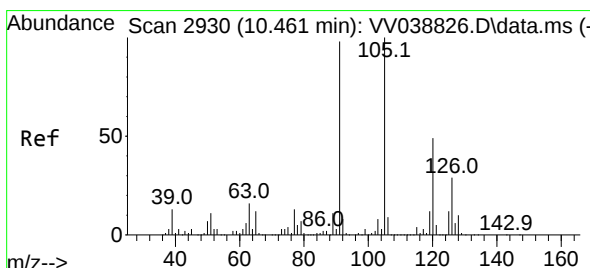
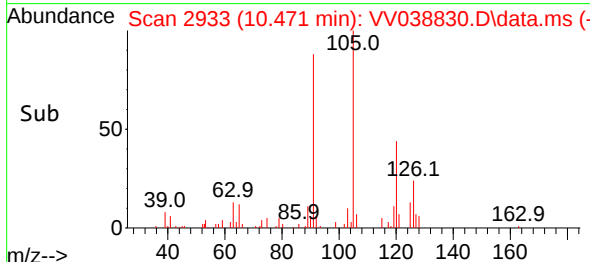
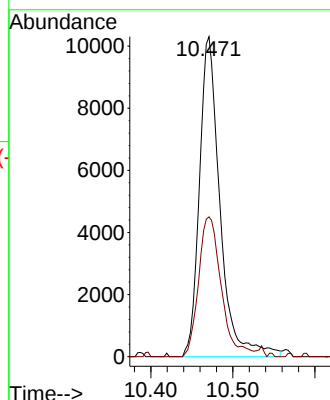
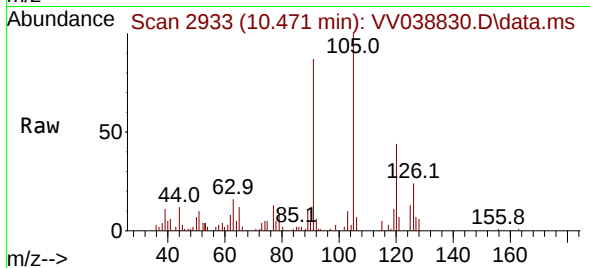
120 48.0 24.6 73.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#82

4-Chlorotoluene

Concen: 0.964 ug/l

RT: 10.474 min Scan# 2934

Delta R.T. 0.013 min

Lab File: VV038830.D

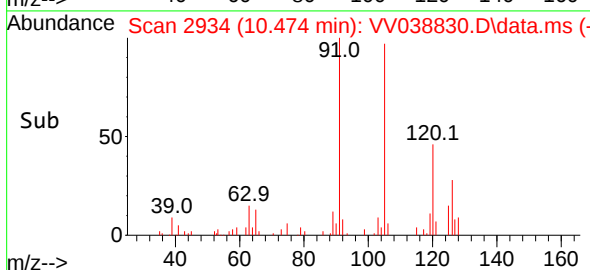
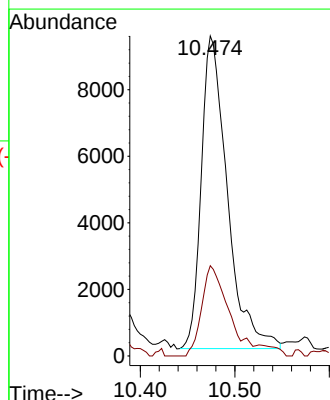
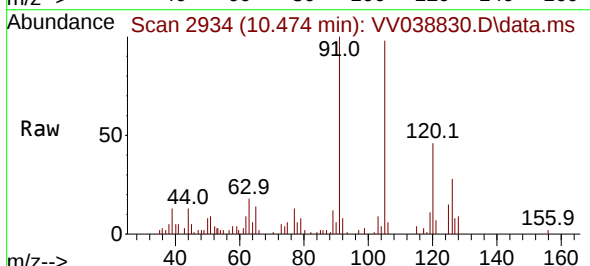
Acq: 27 Jun 2025 13:10

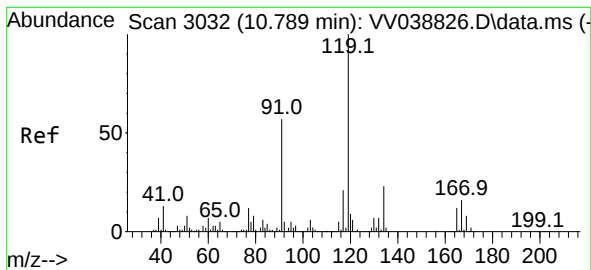
Tgt Ion: 91 Resp: 17994

Ion Ratio Lower Upper

91 100

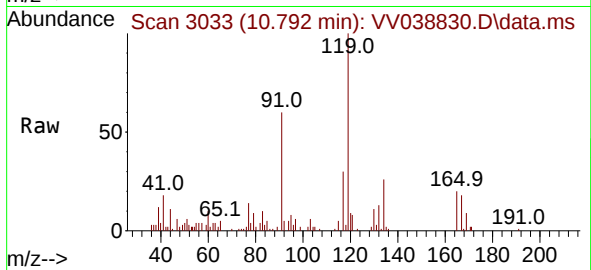
126 29.5 15.1 45.3





#83  
tert-Butylbenzene  
Concen: 1.015 ug/l  
RT: 10.792 min Scan# 3033  
Delta R.T. 0.003 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

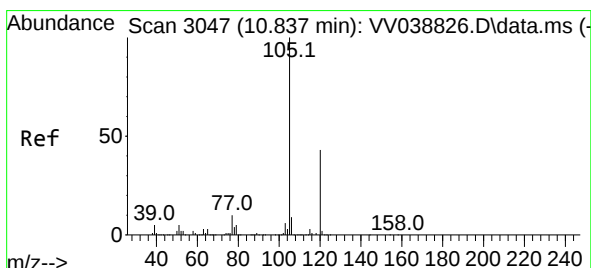
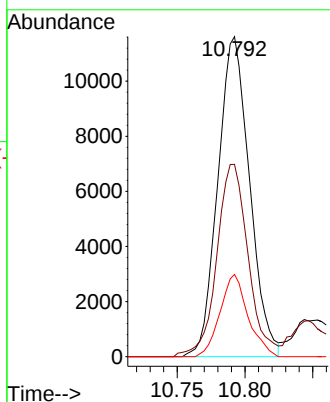
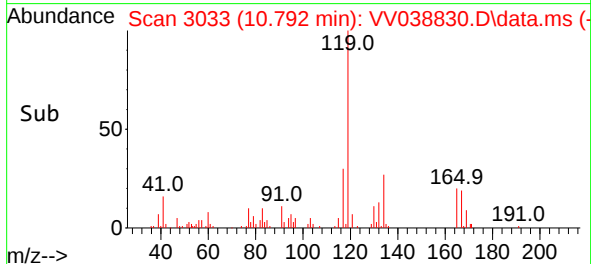
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC001



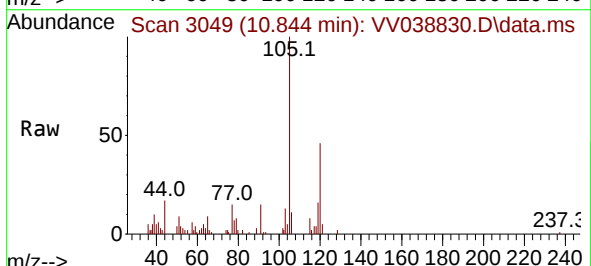
Tgt Ion:119 Resp: 1891  
Ion Ratio Lower Upper  
119 100  
91 59.3 28.2 84.6  
134 22.7 11.5 34.5

Manual Integrations  
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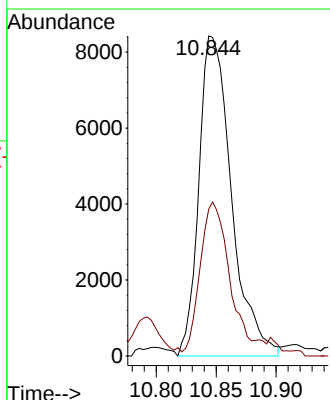
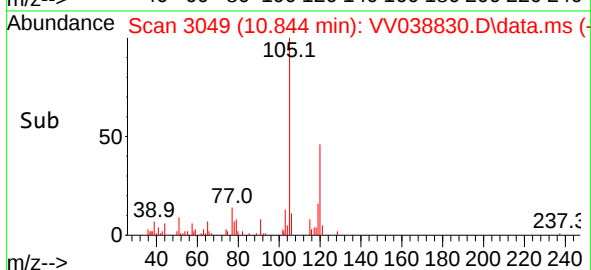
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025

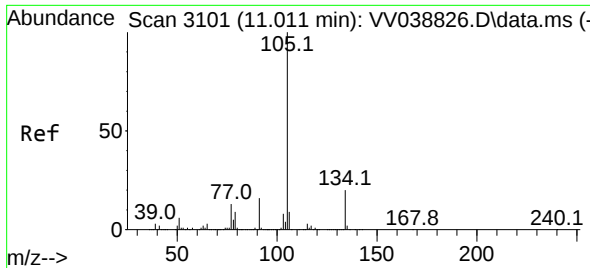


#84  
1,2,4-Trimethylbenzene  
Concen: 0.879 ug/l  
RT: 10.844 min Scan# 3049  
Delta R.T. 0.006 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10



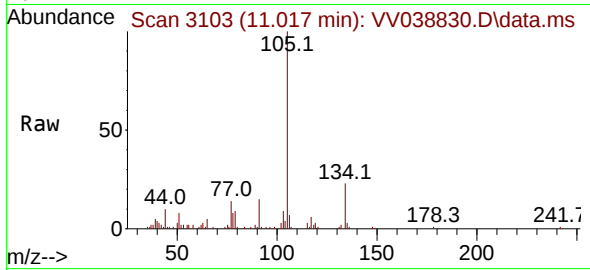
Tgt Ion:105 Resp: 15928  
Ion Ratio Lower Upper  
105 100  
120 42.2 22.8 68.3





#85  
 sec-Butylbenzene  
 Concen: 0.912 ug/l  
 RT: 11.017 min Scan# 3101  
 Delta R.T. 0.006 min  
 Lab File: VV038830.D  
 Acq: 27 Jun 2025 13:10

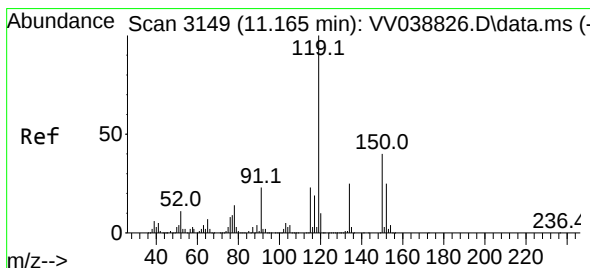
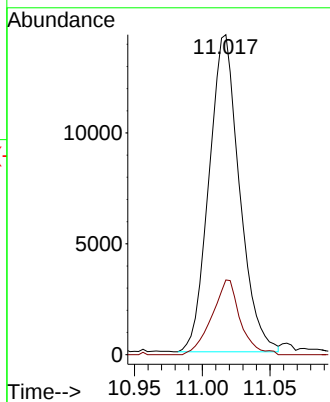
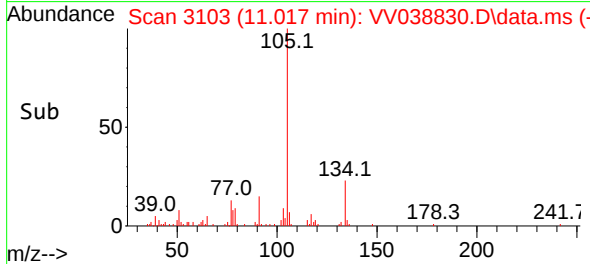
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICC001



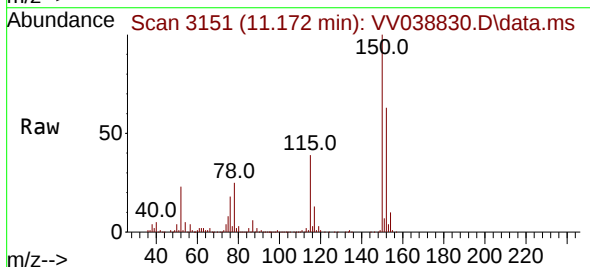
Tgt Ion:105 Resp: 2241  
 Ion Ratio Lower Upper  
 105 100  
 134 21.8 9.8 29.4

Manual Integrations  
 APPROVED

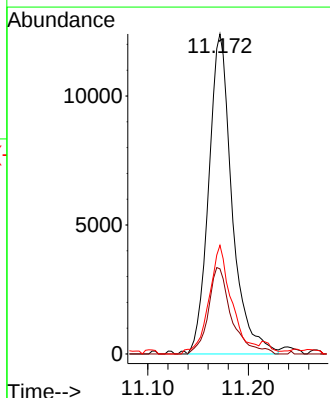
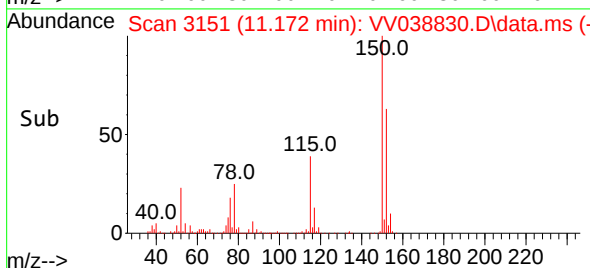
Reviewed By :Mahesh Dadoda 06/30/2025  
 Supervised By :Semsettin Yesilyurt 06/30/2025

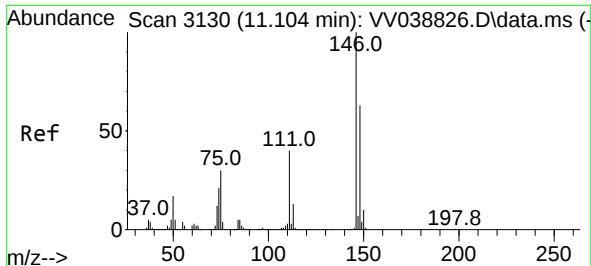


#86  
 p-Isopropyltoluene  
 Concen: 0.954 ug/l  
 RT: 11.172 min Scan# 3151  
 Delta R.T. 0.006 min  
 Lab File: VV038830.D  
 Acq: 27 Jun 2025 13:10



Tgt Ion:119 Resp: 20036  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 12.9 38.6  
 91 33.0 11.8 35.3





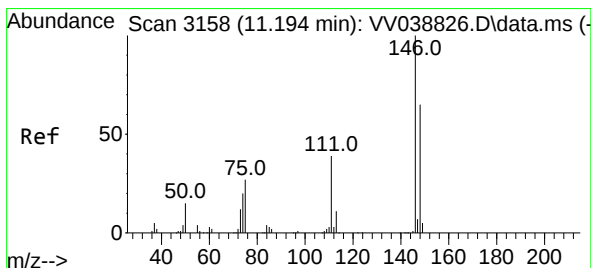
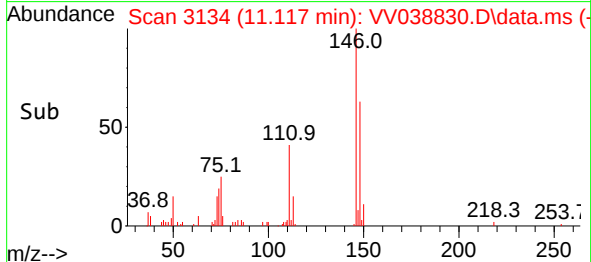
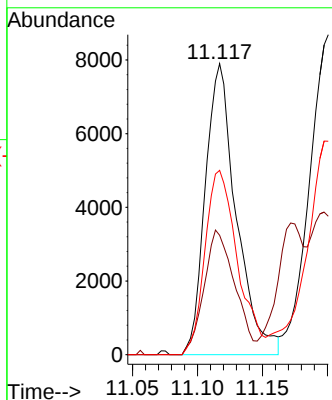
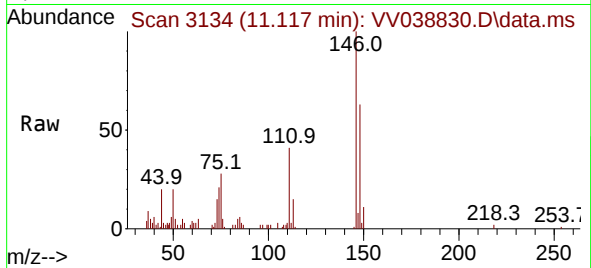
#87  
1,3-Dichlorobenzene  
Concen: 1.136 ug/l  
RT: 11.117 min Scan# 3110  
Delta R.T. 0.013 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.0  | 20.3  | 60.9  |
| 148     | 67.0  | 31.8  | 95.4  |

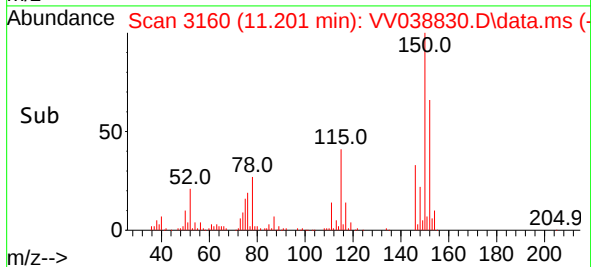
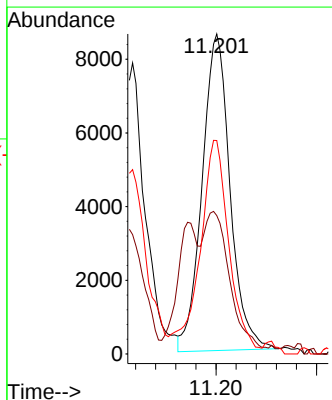
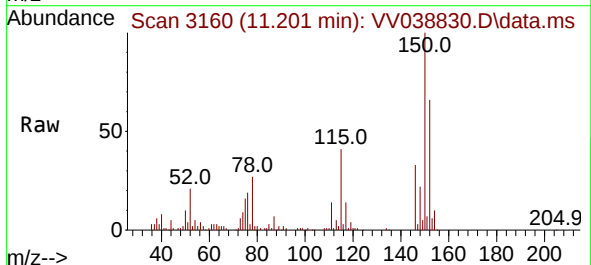
Manual Integrations  
APPROVED

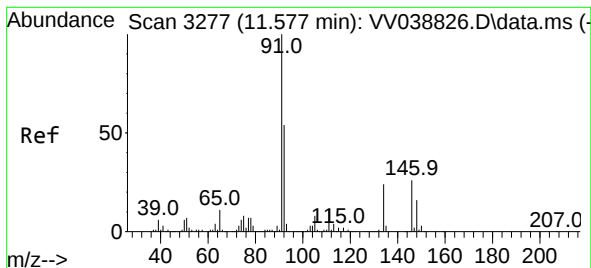
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#88  
1,4-Dichlorobenzene  
Concen: 1.325 ug/l  
RT: 11.201 min Scan# 3160  
Delta R.T. 0.006 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 20.5  | 61.5  |
| 148     | 70.1  | 32.3  | 96.9  |





#89

n-Butylbenzene

Concen: 0.988 ug/l

RT: 11.586 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA\_V

ClientSampleId :

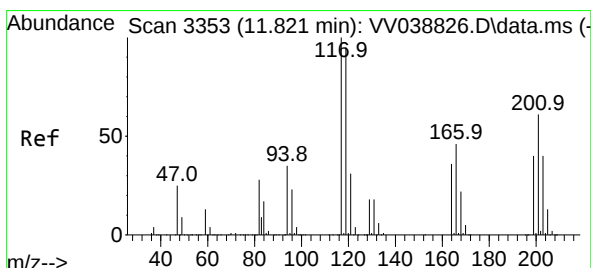
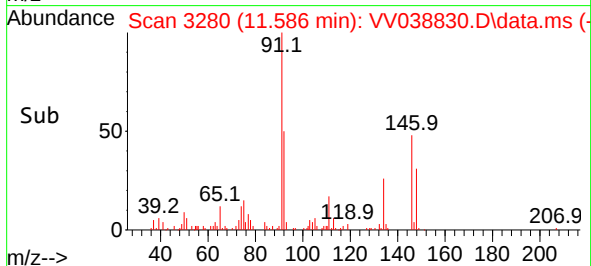
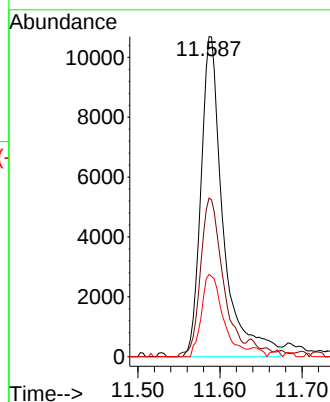
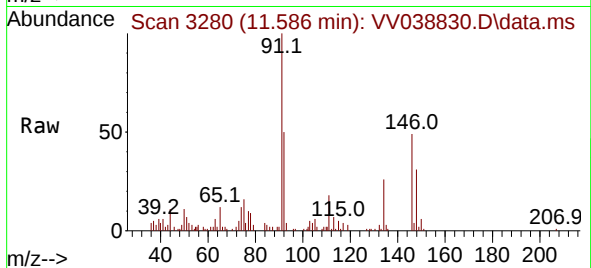
VSTDIC001

|             |                |
|-------------|----------------|
| Tgt Ion: 91 | Resp: 2009     |
| Ion Ratio   | Lower Upper    |
| 91          | 100            |
| 92          | 49.8 26.6 79.7 |
| 134         | 24.9 12.3 36.8 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#90

Hexachloroethane

Concen: 1.191 ug/l

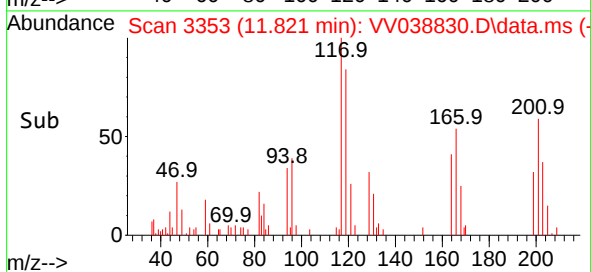
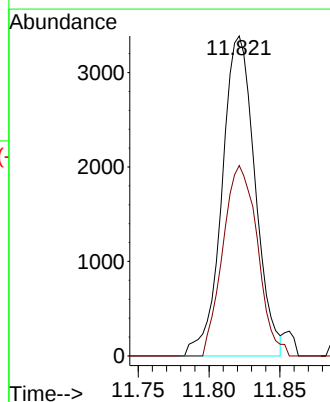
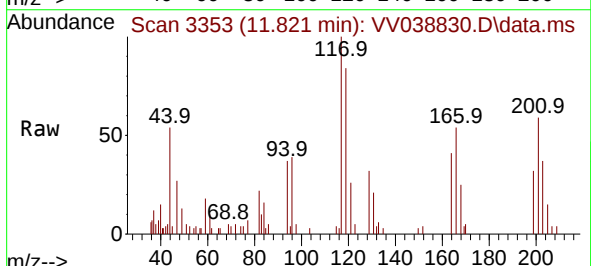
RT: 11.821 min Scan# 3353

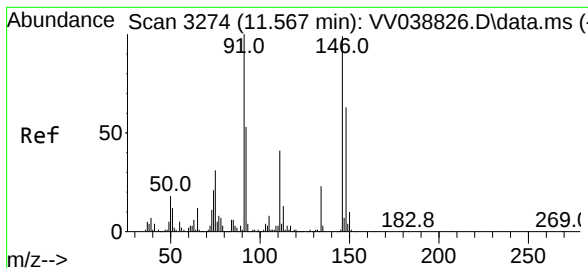
Delta R.T. -0.000 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

|             |                |
|-------------|----------------|
| Tgt Ion:117 | Resp: 5506     |
| Ion Ratio   | Lower Upper    |
| 117         | 100            |
| 201         | 62.1 31.4 94.0 |





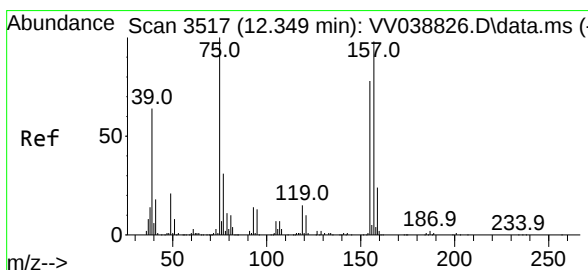
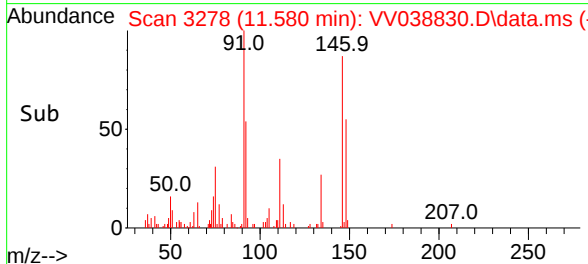
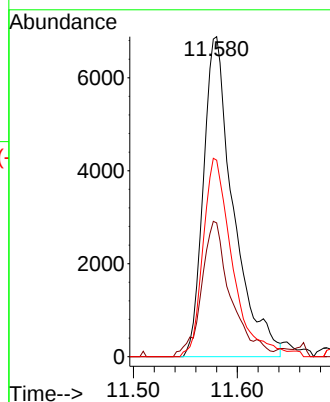
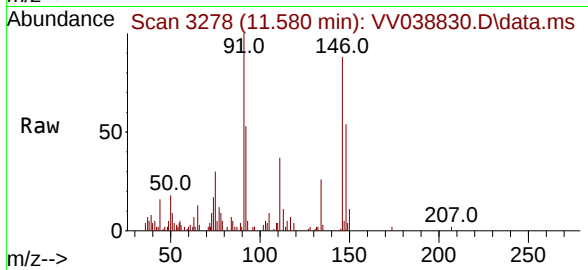
#91  
1,2-Dichlorobenzene  
Concen: 1.228 ug/l  
RT: 11.580 min Scan# 3174  
Delta R.T. 0.013 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001

Tgt Ion:146 Resp: 1374  
Ion Ratio Lower Upper  
146 100  
111 41.4 21.0 63.0  
148 60.9 31.6 94.8

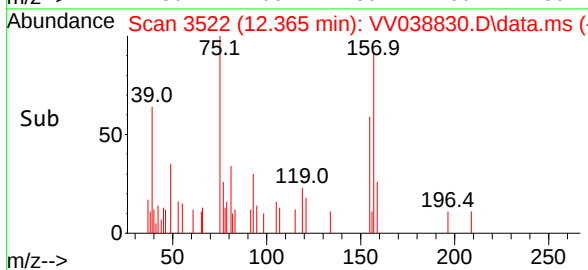
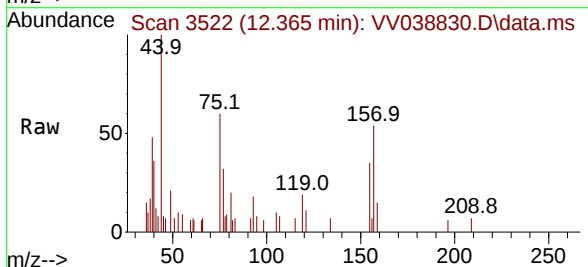
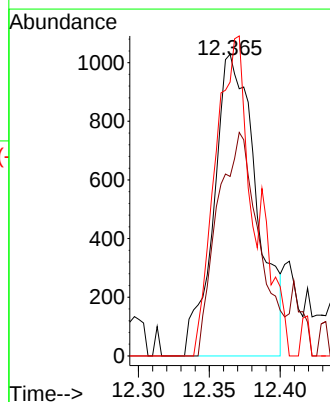
Manual Integrations  
APPROVED

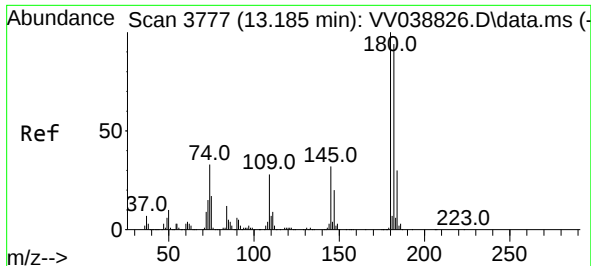
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 1.090 ug/l  
RT: 12.365 min Scan# 3522  
Delta R.T. 0.016 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

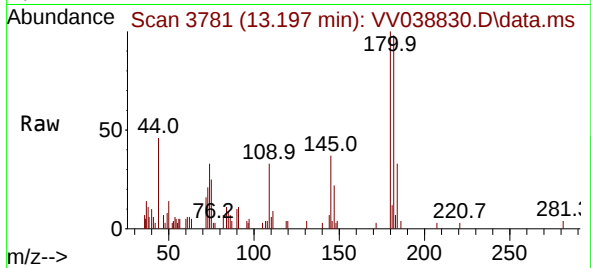
Tgt Ion: 75 Resp: 2163  
Ion Ratio Lower Upper  
75 100  
155 72.3 39.0 116.9  
157 80.8 48.3 144.8





#93  
1,2,4-Trichlorobenzene  
Concen: 1.005 ug/l  
RT: 13.197 min Scan# 3781  
Delta R.T. 0.013 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

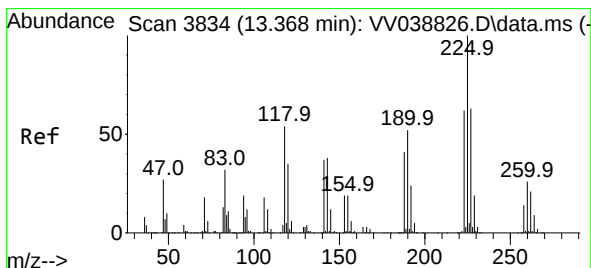
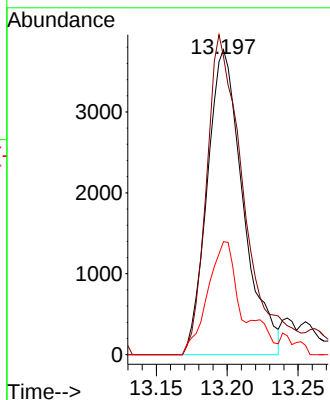
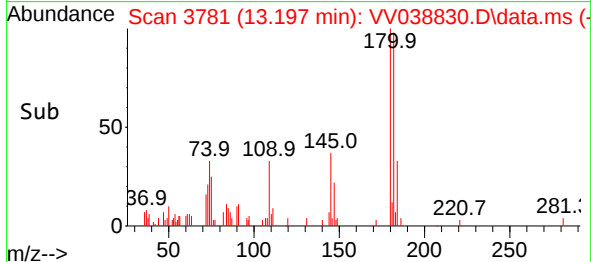
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC001



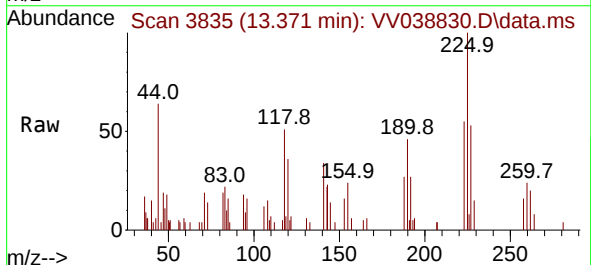
Tgt Ion:180 Resp: 6630  
Ion Ratio Lower Upper  
180 100  
182 110.2 46.9 140.6  
145 29.9 15.8 47.3

Manual Integrations  
APPROVED

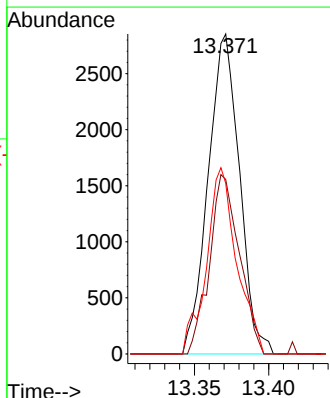
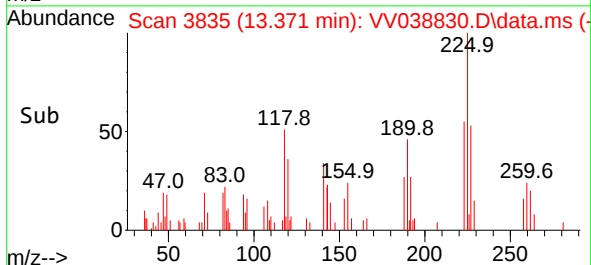
Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025

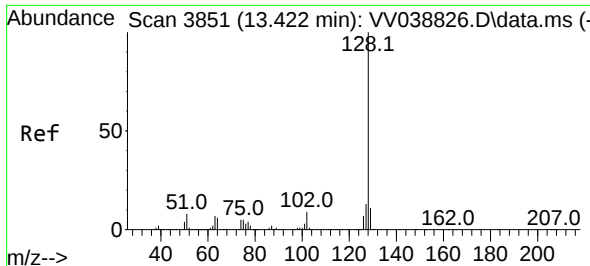


#94  
Hexachlorobutadiene  
Concen: 1.307 ug/l  
RT: 13.371 min Scan# 3835  
Delta R.T. 0.003 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10



Tgt Ion:225 Resp: 4195  
Ion Ratio Lower Upper  
225 100  
223 53.5 31.3 93.8  
227 56.1 31.0 93.0





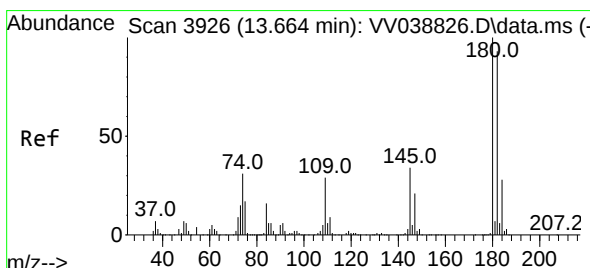
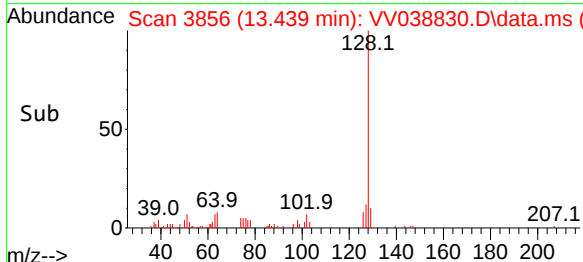
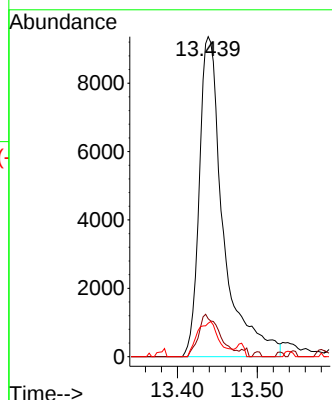
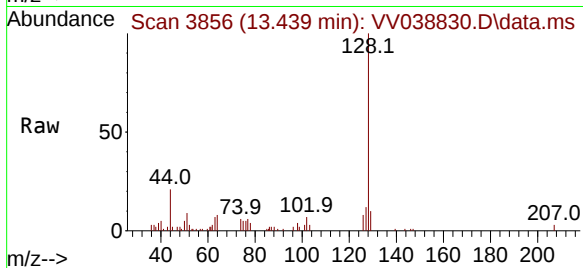
#95  
Naphthalene  
Concen: 4.202 ug/l  
RT: 13.439 min Scan# 3856  
Delta R.T. 0.017 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC001

Tgt Ion:128 Resp: 19554  
Ion Ratio Lower Upper  
128 100  
127 11.7 10.4 15.6  
129 10.1 8.6 13.0

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025  
Supervised By :Semsettin Yesilyurt 06/30/2025



#96  
1,2,3-Trichlorobenzene  
Concen: 1.094 ug/l  
RT: 13.673 min Scan# 3929  
Delta R.T. 0.010 min  
Lab File: VV038830.D  
Acq: 27 Jun 2025 13:10

Tgt Ion:180 Resp: 7416  
Ion Ratio Lower Upper  
180 100  
182 80.2 47.3 141.8  
145 33.3 17.0 50.9

