

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012125\  
 Data File : VN085510.D  
 Acq On : 21 Jan 2025 12:09  
 Operator : JC\MD  
 Sample : VN0121WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0121WBS01

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025  
 Supervised By :Semsettin Yesilyurt 01/22/2025

Quant Time: Jan 22 00:38:31 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.218  | 168  | 215011   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.094  | 114  | 356824   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.859 | 117  | 311869   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.782 | 152  | 145446   | 50.000 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |          |
|---------------------------|--------|-------|----------|----------|------|----------|
| 33) 1,2-Dichloroethane-d4 | 8.571  | 65    | 168806   | 48.637   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 74 - 125 | Recovery | =    | 97.280%  |
| 35) Dibromofluoromethane  | 8.159  | 113   | 126914   | 51.268   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 75 - 124 | Recovery | =    | 102.540% |
| 50) Toluene-d8            | 10.559 | 98    | 463218   | 52.666   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 86 - 113 | Recovery | =    | 105.340% |
| 62) 4-Bromofluorobenzene  | 12.847 | 95    | 153644   | 51.067   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 77 - 121 | Recovery | =    | 102.140% |

## Target Compounds

|                              |       |     |        |        |      | Qvalue |
|------------------------------|-------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 51720  | 17.766 | ug/l | 97     |
| 3) Chloromethane             | 2.359 | 50  | 52690  | 16.716 | ug/l | 96     |
| 4) Vinyl Chloride            | 2.518 | 62  | 55284  | 17.450 | ug/l | 99     |
| 5) Bromomethane              | 2.965 | 94  | 34849  | 18.210 | ug/l | 97     |
| 6) Chloroethane              | 3.130 | 64  | 36400  | 18.122 | ug/l | 94     |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 82668  | 17.983 | ug/l | 98     |
| 8) Diethyl Ether             | 3.959 | 74  | 25104  | 15.808 | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 47903  | 18.501 | ug/l | 99     |
| 10) Methyl Iodide            | 4.589 | 142 | 54420  | 18.353 | ug/l | 99     |
| 11) Tert butyl alcohol       | 5.506 | 59  | 29340  | 73.826 | ug/l | 99     |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 41203  | 17.856 | ug/l | 99     |
| 13) Acrolein                 | 4.171 | 56  | 45939  | 84.678 | ug/l | 99     |
| 14) Allyl chloride           | 5.018 | 41  | 63544  | 16.970 | ug/l | 100    |
| 15) Acrylonitrile            | 5.706 | 53  | 101615 | 80.498 | ug/l | 98     |
| 16) Acetone                  | 4.424 | 43  | 86529  | 77.160 | ug/l | 99     |
| 17) Carbon Disulfide         | 4.712 | 76  | 114268 | 16.083 | ug/l | 99     |
| 18) Methyl Acetate           | 5.018 | 43  | 58590  | 17.182 | ug/l | 99     |
| 19) Methyl tert-butyl Ether  | 5.789 | 73  | 135902 | 18.138 | ug/l | 99     |
| 20) Methylene Chloride       | 5.271 | 84  | 48013  | 17.295 | ug/l | 98     |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 43841  | 17.777 | ug/l | 98     |
| 22) Diisopropyl ether        | 6.659 | 45  | 155160 | 18.669 | ug/l | 98     |
| 23) Vinyl Acetate            | 6.594 | 43  | 503496 | 86.566 | ug/l | 99     |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 91674  | 18.090 | ug/l | 98     |
| 25) 2-Butanone               | 7.477 | 43  | 129190 | 78.284 | ug/l | 96     |
| 26) 2,2-Dichloropropane      | 7.483 | 77  | 81745  | 19.951 | ug/l | 100    |
| 27) cis-1,2-Dichloroethene   | 7.477 | 96  | 51206  | 17.629 | ug/l | 99     |
| 28) Bromochloromethane       | 7.812 | 49  | 43136  | 18.296 | ug/l | 97     |
| 29) Tetrahydrofuran          | 7.830 | 42  | 86711  | 82.876 | ug/l | 99     |
| 30) Chloroform               | 7.959 | 83  | 95670  | 18.266 | ug/l | 98     |
| 31) Cyclohexane              | 8.253 | 56  | 76624  | 17.396 | ug/l | 91     |
| 32) 1,1,1-Trichloroethane    | 8.159 | 97  | 83041  | 18.075 | ug/l | 99     |
| 36) 1,1-Dichloropropene      | 8.365 | 75  | 61598  | 17.730 | ug/l | 99     |
| 37) Ethyl Acetate            | 7.553 | 43  | 55974  | 15.962 | ug/l | 97     |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 73485  | 18.475 | ug/l | 100    |
| 39) Methylcyclohexane        | 9.594 | 83  | 59653  | 18.272 | ug/l | 97     |
| 40) Benzene                  | 8.600 | 78  | 192641 | 18.454 | ug/l | 99     |

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 Sample : VN0121WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0121WBS01

Quant Time: Jan 22 00:38:31 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025  
 Supervised By :Semsettin Yesilyurt 01/22/2025

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.765  | 41   | 29880    | 16.377  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 72351    | 18.402  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.683  | 43   | 95138    | 16.931  | ug/l   | 100      |
| 44) Trichloroethene           | 9.347  | 130  | 44040    | 18.124  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.612  | 63   | 48126    | 18.049  | ug/l   | 93       |
| 46) Dibromomethane            | 9.700  | 93   | 33489    | 17.406  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.883  | 83   | 73348    | 18.712  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.671  | 41   | 45226    | 17.885  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 13090    | 307.397 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 280332   | 85.973  | ug/l   | 99       |
| 52) Toluene                   | 10.624 | 92   | 116059   | 19.188  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.829 | 75   | 69997    | 18.896  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75   | 74620    | 18.859  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.006 | 97   | 43739    | 18.272  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 60360    | 16.322  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 75812    | 18.214  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.153 | 63   | 124782   | 82.145  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.188 | 43   | 192361   | 83.842  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.353 | 129  | 52058    | 18.014  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.459 | 107  | 42573    | 17.867  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.100 | 164  | 42245    | 19.870  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.888 | 112  | 124345   | 18.200  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.953 | 131  | 45761    | 18.250  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.959 | 91   | 209379   | 18.816  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.065 | 106  | 160840   | 39.109  | ug/l   | 100      |
| 69) o-Xylene                  | 12.394 | 106  | 72854    | 18.537  | ug/l   | 97       |
| 70) Styrene                   | 12.406 | 104  | 125359   | 19.273  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 32945    | 18.362  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.688 | 105  | 190080   | 19.364  | ug/l   | 100      |
| 74) N-ethyl acetate           | 12.488 | 43   | 75825    | 17.185  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.929 | 83   | 59690    | 17.214  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 51150m   | 17.302  | ug/l   |          |
| 77) Bromobenzene              | 12.976 | 156  | 48842    | 19.044  | ug/l   | 96       |
| 78) n-propylbenzene           | 13.029 | 91   | 229279   | 19.730  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.118 | 91   | 145237   | 19.311  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.165 | 105  | 163992   | 20.225  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.729 | 75   | 19415    | 17.769  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 149822   | 20.007  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.435 | 119  | 131542   | 19.318  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 165323   | 20.457  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 188724   | 19.998  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 154546   | 19.666  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 89272    | 18.901  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.806 | 146  | 89179    | 18.216  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 128520   | 18.983  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 31013    | 17.262  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.100 | 146  | 84292    | 17.892  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 10559    | 16.676  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.382 | 180  | 37428    | 17.093  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 21539    | 18.528  | ug/l   | 100      |
| 95) Naphthalene               | 15.635 | 128  | 96766    | 14.810  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 37484    | 16.918  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012125\  
Data File : VN085510.D  
Acq On : 21 Jan 2025 12:09  
Operator : JC\MD  
Sample : VN0121WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

Manual Integrations  
APPROVED

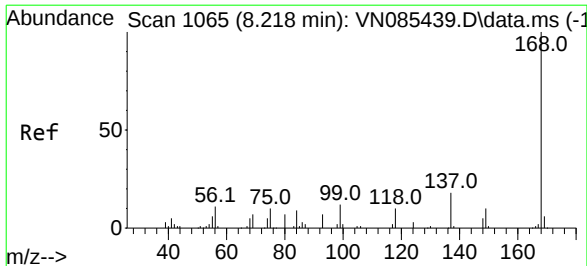
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025

Quant Time: Jan 22 00:38:31 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 15 02:16:08 2025  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

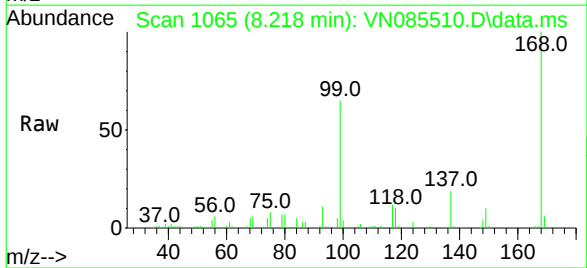
-----  
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

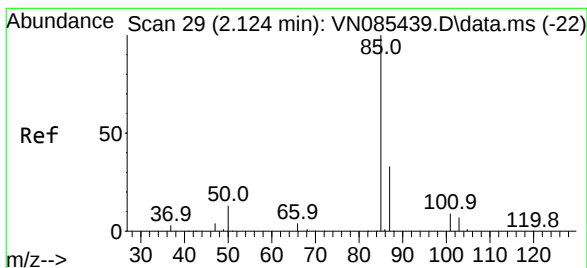
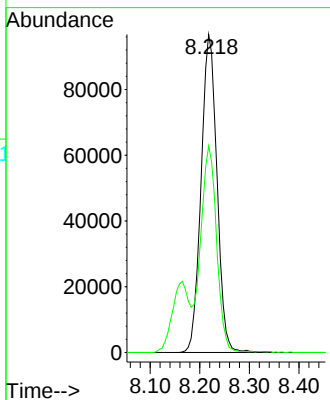
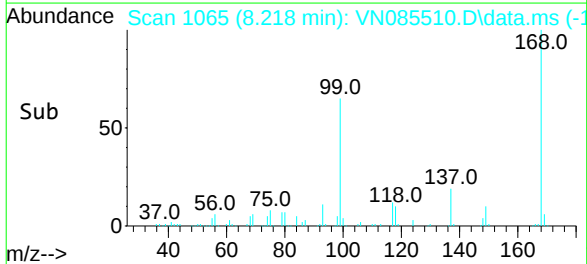
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01



Tgt Ion:168 Resp: 215011  
Ion Ratio Lower Upper  
168 100  
99 64.8 53.6 80.4

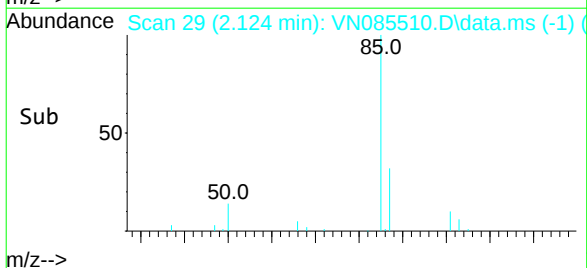
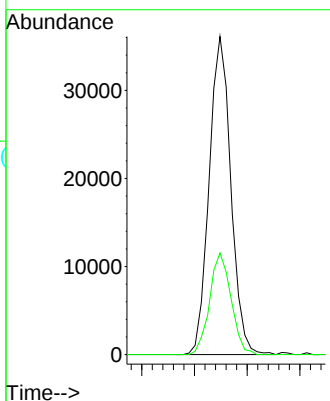
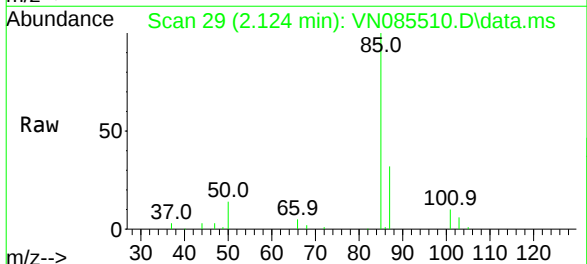
Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025

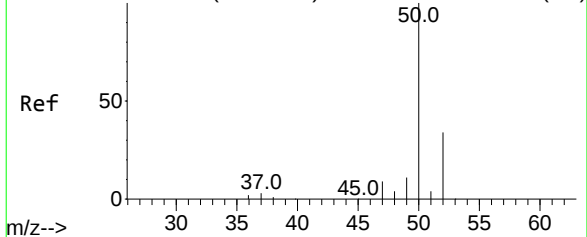


#2  
Dichlorodifluoromethane  
Concen: 17.766 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Tgt Ion: 85 Resp: 51720  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.7 50.1



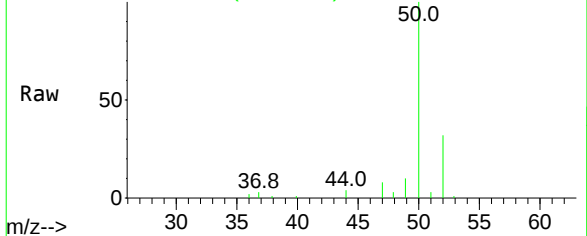
Abundance Scan 69 (2.359 min): VN085439.D\data.ms (-62)



#3  
Chloromethane  
Concen: 16.716 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

Abundance Scan 69 (2.359 min): VN085510.D\data.ms

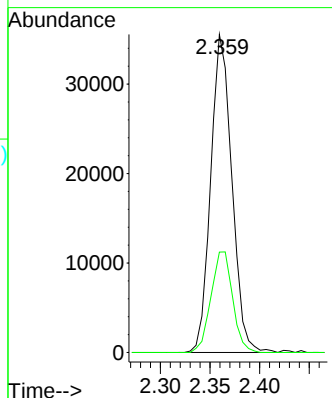
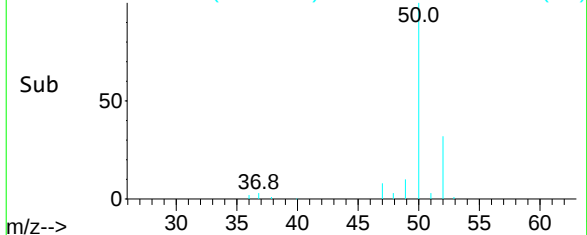


Tgt Ion: 50 Resp: 52690  
Ion Ratio Lower Upper  
50 100  
52 31.6 27.0 40.6

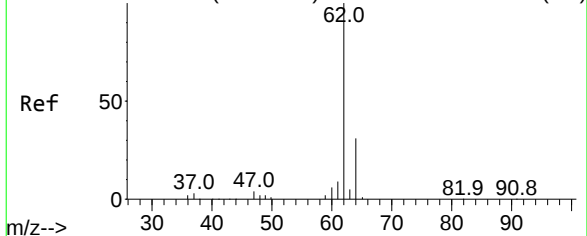
Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025

Abundance Scan 69 (2.359 min): VN085510.D\data.ms (-18)



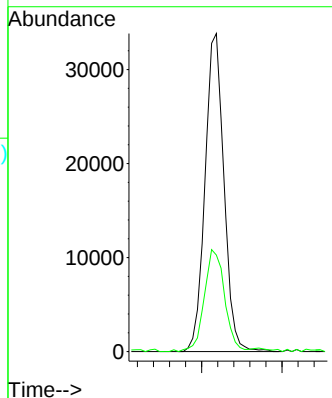
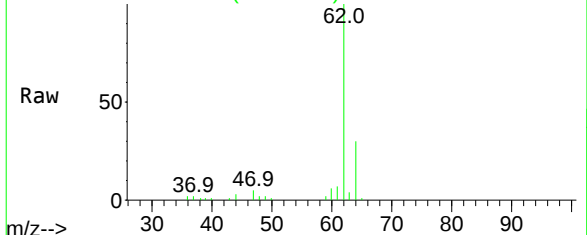
Abundance Scan 95 (2.512 min): VN085439.D\data.ms (-87)



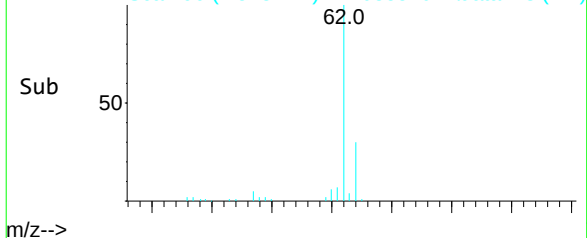
#4  
Vinyl Chloride  
Concen: 17.450 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

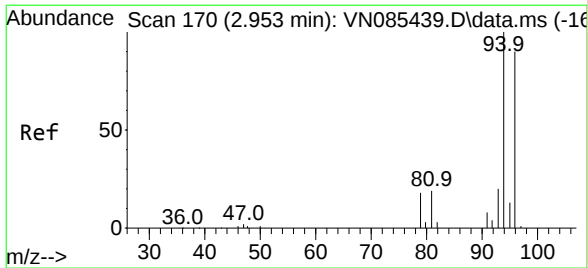
Tgt Ion: 62 Resp: 55284  
Ion Ratio Lower Upper  
62 100  
64 30.4 24.8 37.2

Abundance Scan 96 (2.518 min): VN085510.D\data.ms



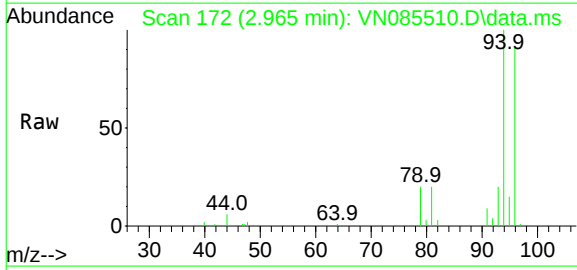
Abundance Scan 96 (2.518 min): VN085510.D\data.ms (-44)





#5  
Bromomethane  
Concen: 18.210 ug/l  
RT: 2.965 min Scan# 17  
Delta R.T. 0.012 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

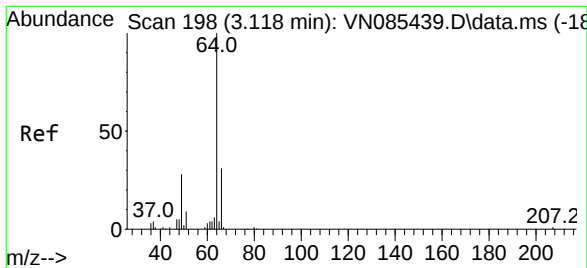
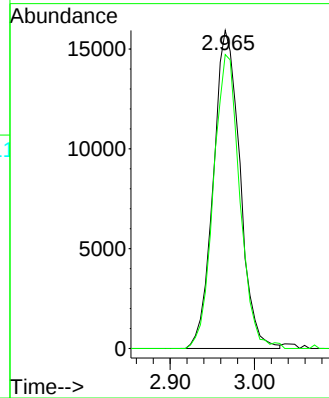
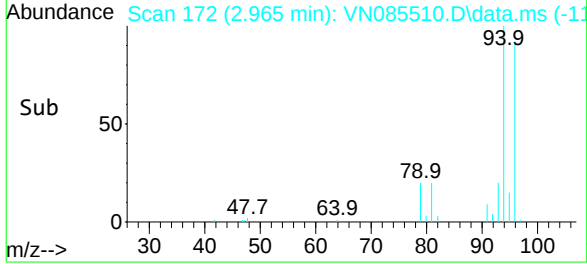
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01



Tgt Ion: 94 Resp: 34849  
Ion Ratio Lower Upper  
94 100  
96 92.4 71.8 107.6

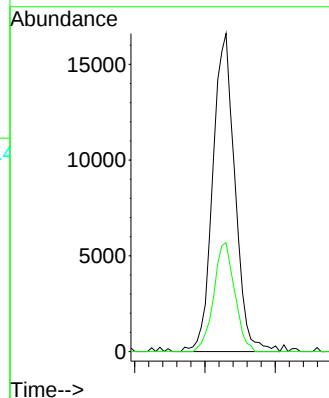
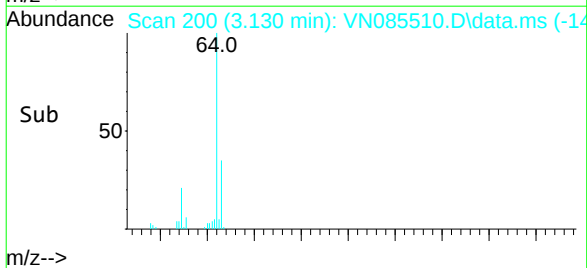
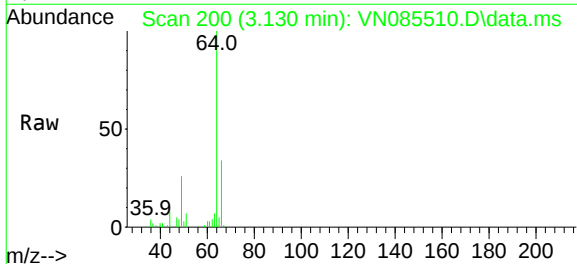
Manual Integrations  
APPROVED

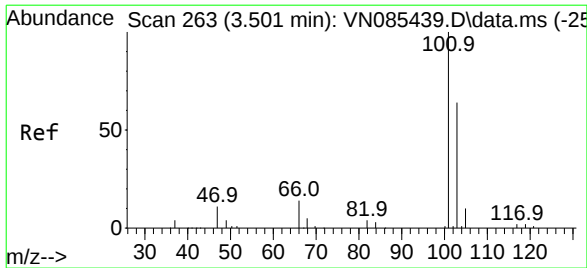
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#6  
Chloroethane  
Concen: 18.122 ug/l  
RT: 3.130 min Scan# 200  
Delta R.T. 0.012 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

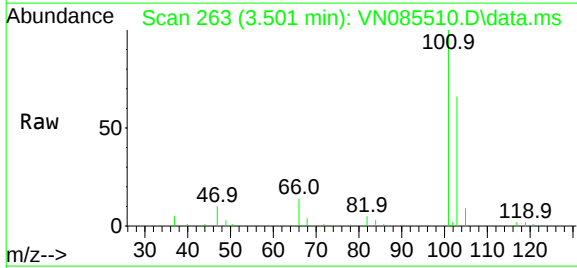
Tgt Ion: 64 Resp: 36400  
Ion Ratio Lower Upper  
64 100  
66 34.2 24.6 36.8





#7  
 Trichlorofluoromethane  
 Concen: 17.983 ug/l  
 RT: 3.501 min Scan# 263  
 Delta R.T. 0.000 min  
 Lab File: VN085510.D  
 Acq: 21 Jan 2025 12:09

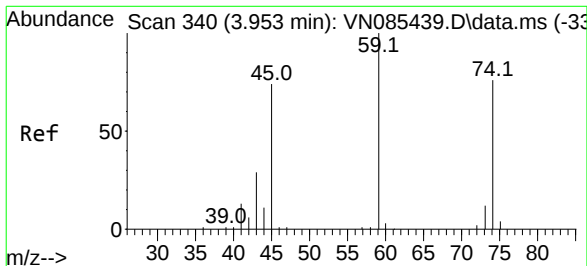
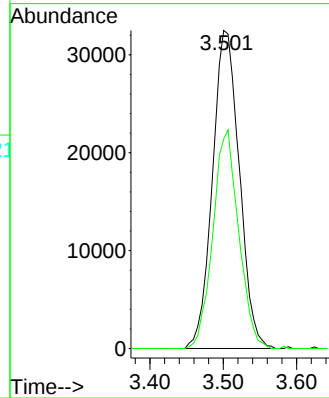
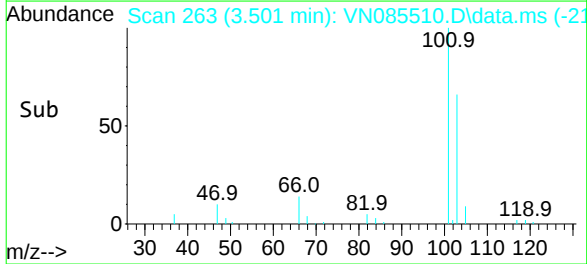
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0121WBS01



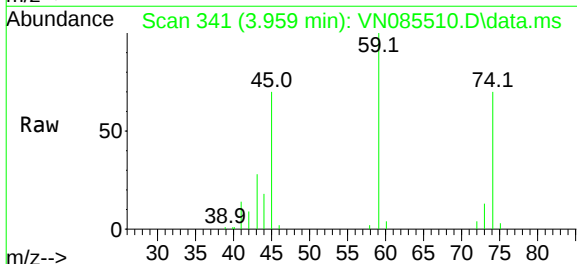
Tgt Ion:101 Resp: 82668  
 Ion Ratio Lower Upper  
 101 100  
 103 65.9 51.4 77.2

Manual Integrations  
 APPROVED

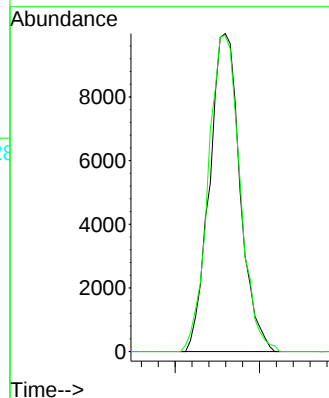
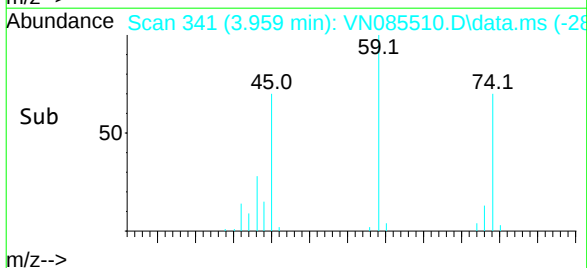
Reviewed By :Mahesh Dadoda 01/22/2025  
 Supervised By :Semsettin Yesilyurt 01/22/2025

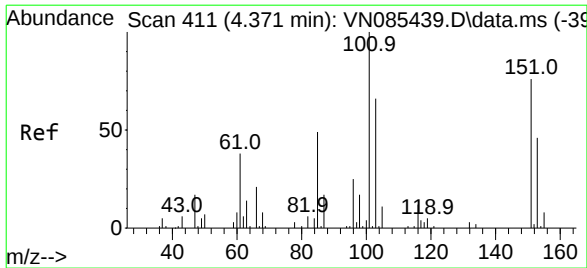


#8  
 Diethyl Ether  
 Concen: 15.808 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VN085510.D  
 Acq: 21 Jan 2025 12:09



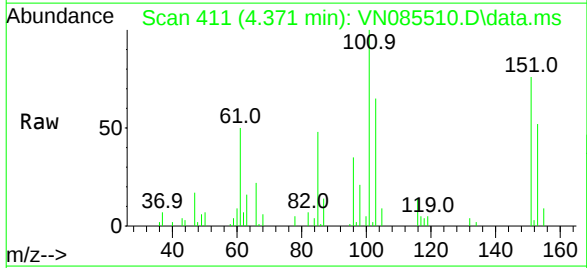
Tgt Ion: 74 Resp: 25104  
 Ion Ratio Lower Upper  
 74 100  
 45 103.1 49.7 149.1





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.501 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

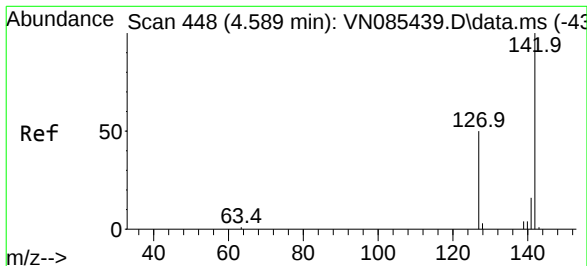
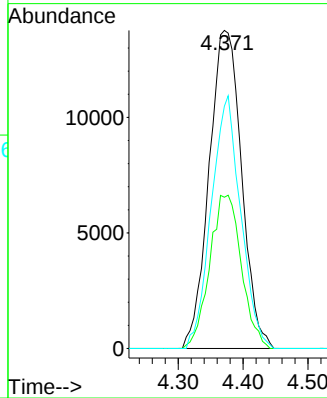
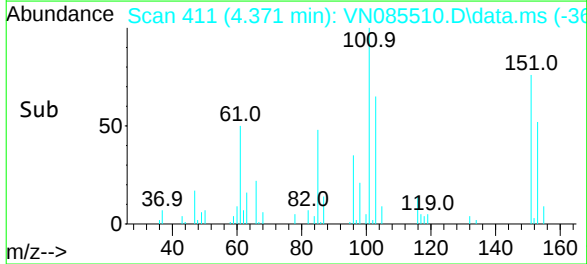
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01



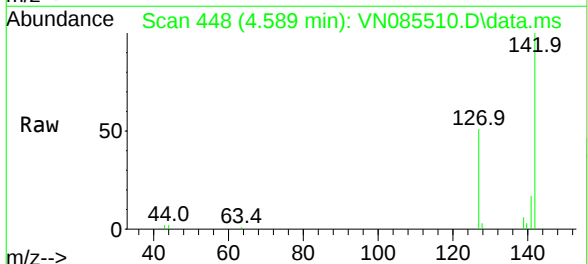
Tgt Ion:101 Resp: 47903  
Ion Ratio Lower Upper  
101 100  
85 47.0 37.8 56.8  
151 72.0 58.8 88.2

Manual Integrations  
APPROVED

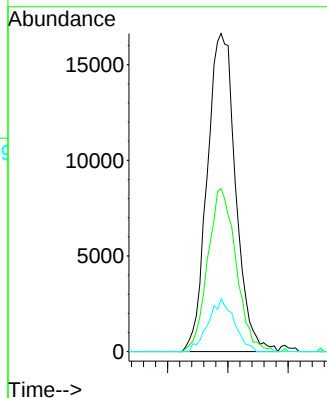
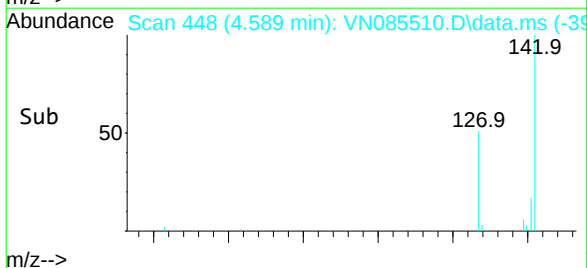
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025

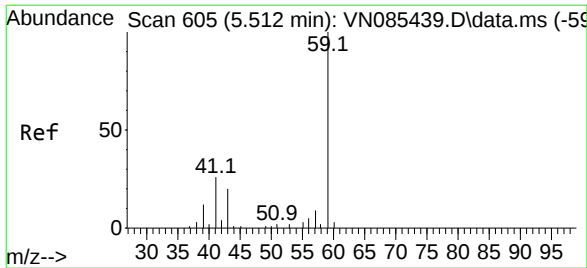


#10  
Methyl Iodide  
Concen: 18.353 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09



Tgt Ion:142 Resp: 54420  
Ion Ratio Lower Upper  
142 100  
127 51.2 40.3 60.5  
141 16.6 12.8 19.2





#11

Tert butyl alcohol

Concen: 73.826 ug/l

RT: 5.506 min Scan# 605

Delta R.T. -0.006 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

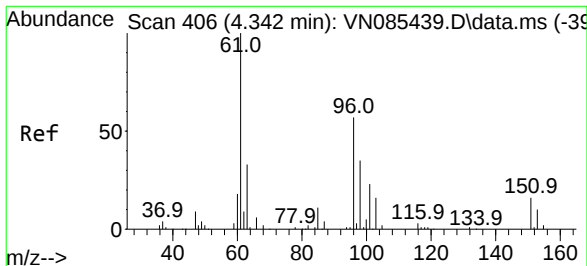
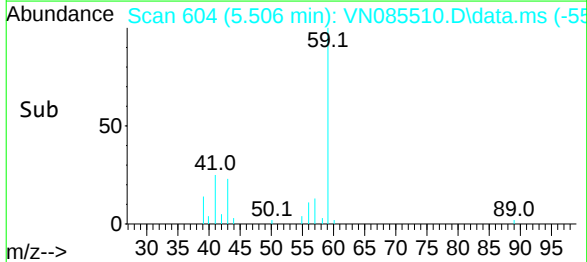
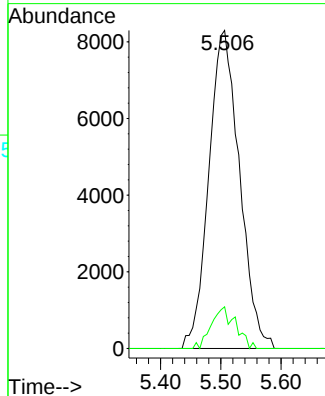
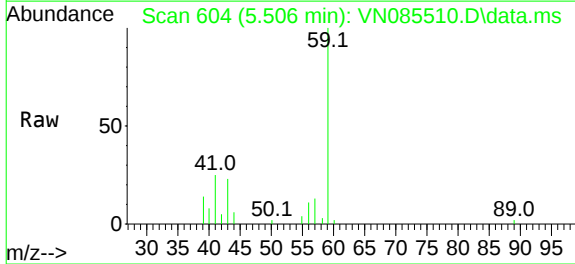
VN0121WBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.4  | 8.6   | 13.0  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#12

1,1-Dichloroethene

Concen: 17.856 ug/l

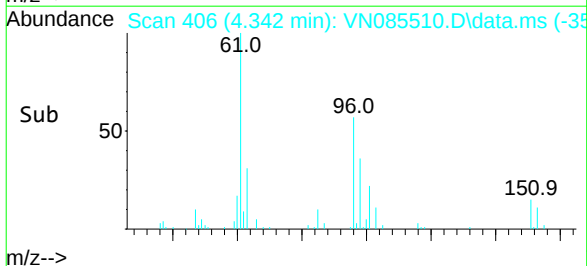
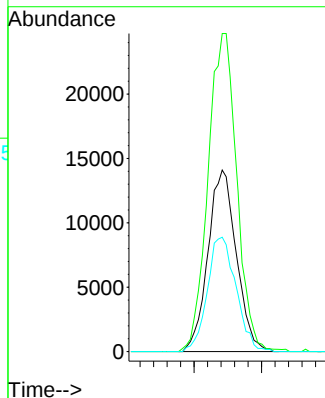
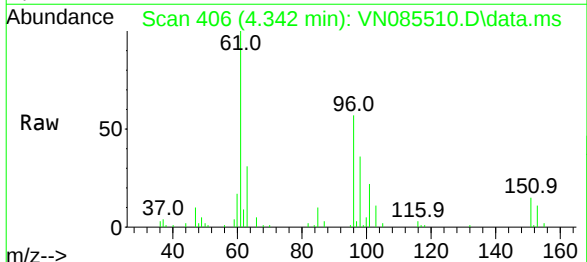
RT: 4.342 min Scan# 406

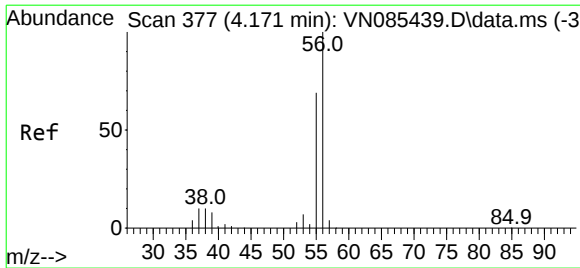
Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

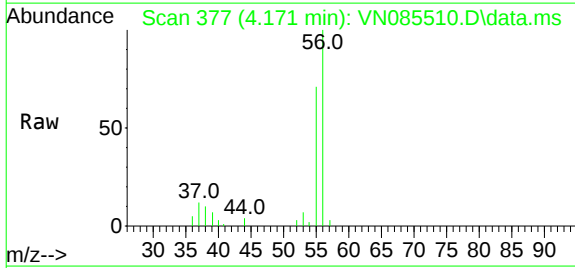
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 175.2 | 141.0 | 211.4 |
| 98      | 63.0  | 49.0  | 73.6  |





#13  
Acrolein  
Concen: 84.678 ug/l  
RT: 4.171 min Scan# 377  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

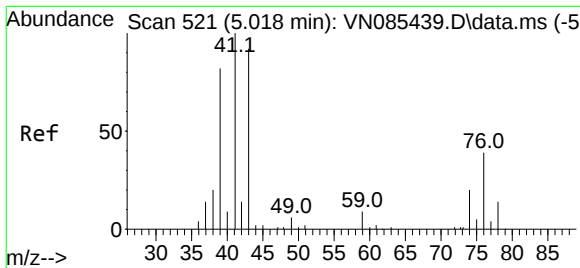
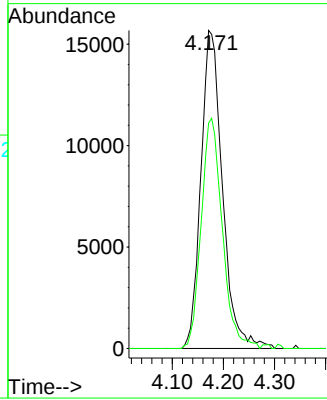
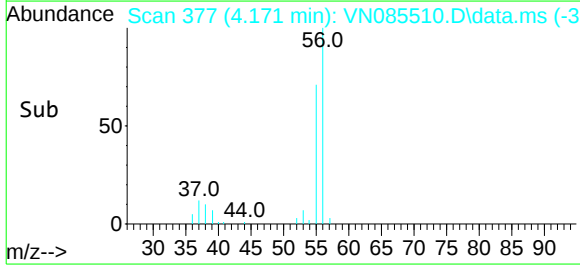
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01



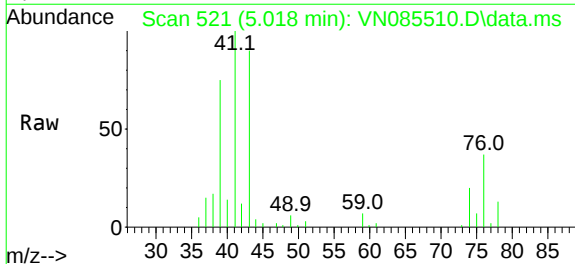
Tgt Ion: 56 Resp: 45939  
Ion Ratio Lower Upper  
56 100  
55 71.0 56.3 84.5

Manual Integrations  
APPROVED

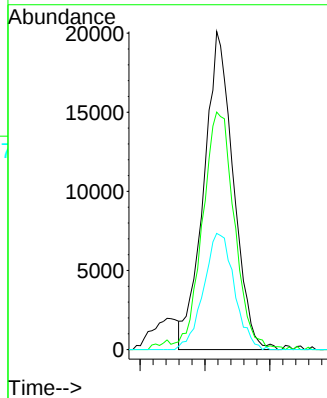
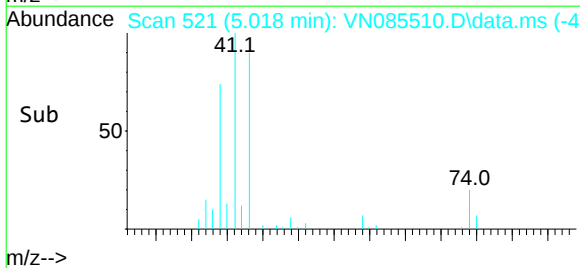
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025

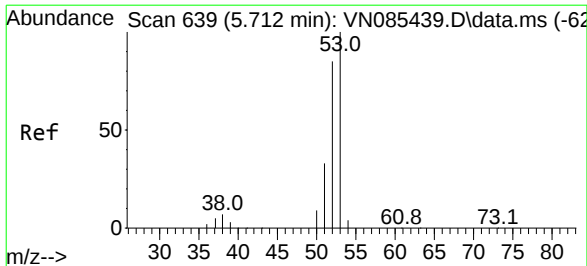


#14  
Allyl chloride  
Concen: 16.970 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09



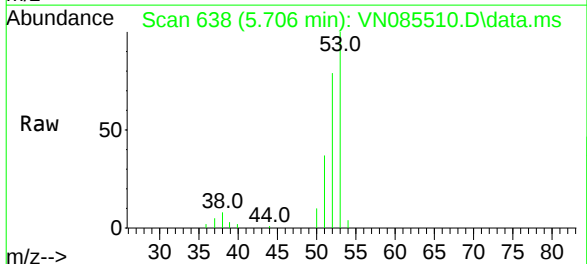
Tgt Ion: 41 Resp: 63544  
Ion Ratio Lower Upper  
41 100  
39 80.7 64.4 96.6  
76 37.9 30.5 45.7





#15  
Acrylonitrile  
Concen: 80.498 ug/l  
RT: 5.706 min Scan# 639  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

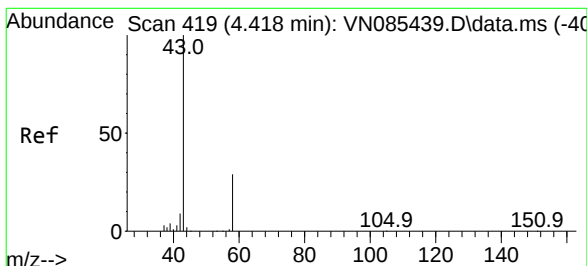
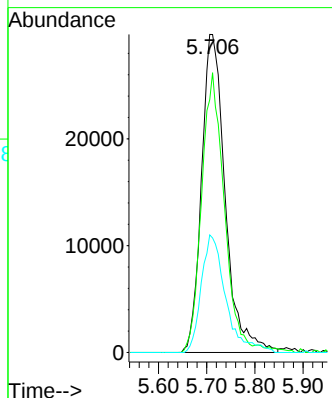
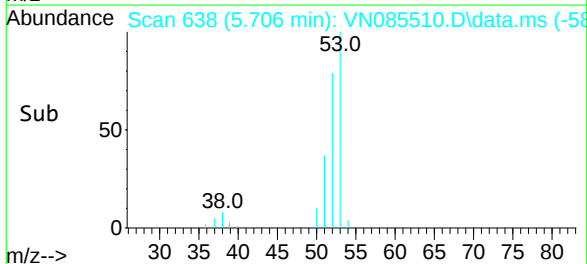
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01



Tgt Ion: 53 Resp: 101615  
Ion Ratio Lower Upper  
53 100  
52 84.4 65.5 98.3  
51 38.2 29.8 44.8

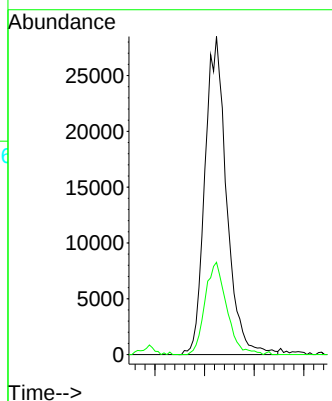
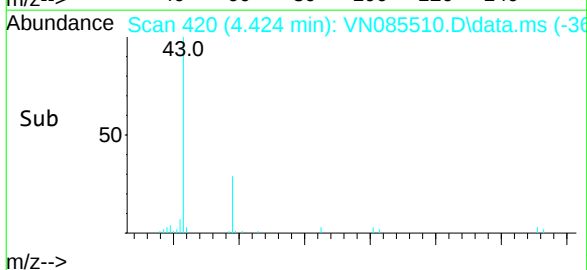
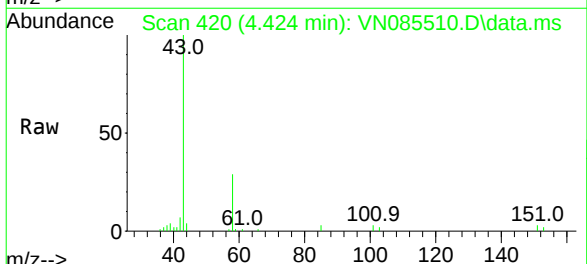
Manual Integrations  
APPROVED

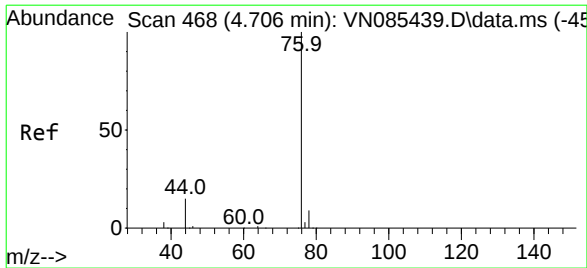
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#16  
Acetone  
Concen: 77.160 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Tgt Ion: 43 Resp: 86529  
Ion Ratio Lower Upper  
43 100  
58 29.0 23.8 35.6





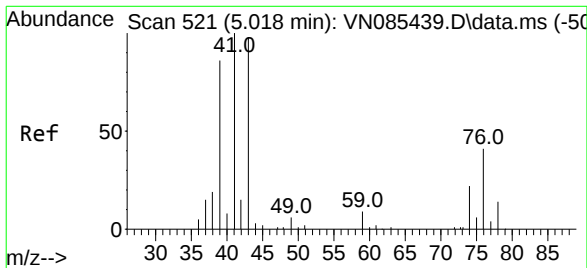
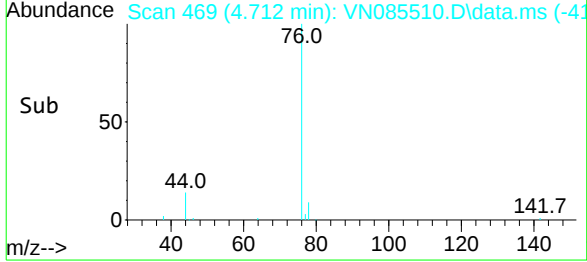
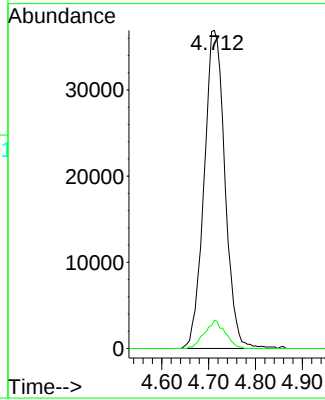
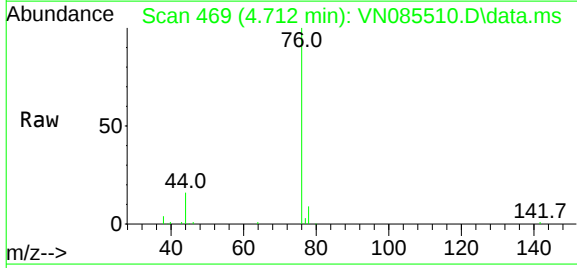
#17  
Carbon Disulfide  
Concen: 16.083 ug/l  
RT: 4.712 min Scan# 468  
Delta R.T. 0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

Tgt Ion: 76 Resp: 114268  
Ion Ratio Lower Upper  
76 100  
78 8.9 6.9 10.3

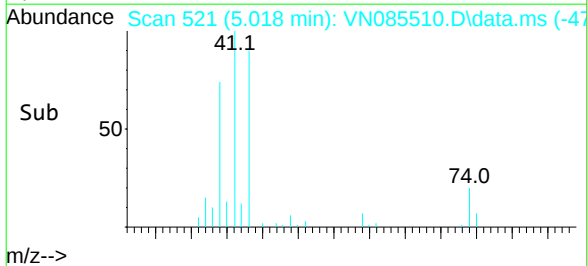
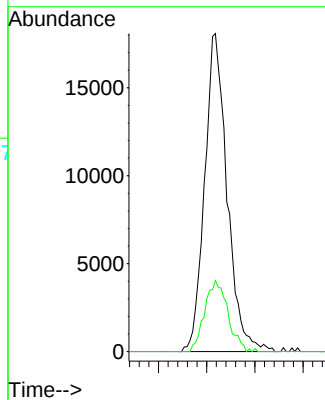
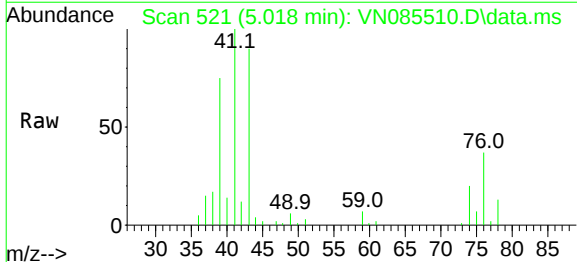
Manual Integrations  
APPROVED

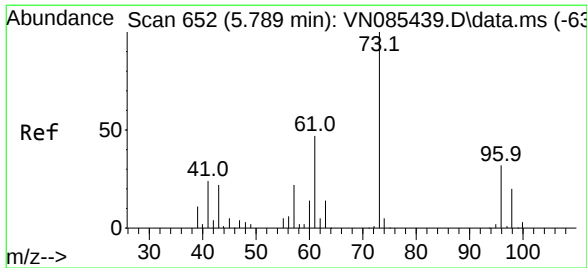
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#18  
Methyl Acetate  
Concen: 17.182 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Tgt Ion: 43 Resp: 58590  
Ion Ratio Lower Upper  
43 100  
74 23.0 18.6 28.0





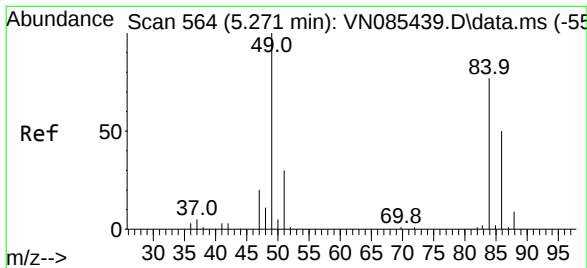
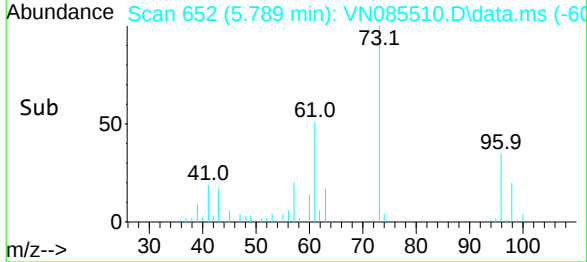
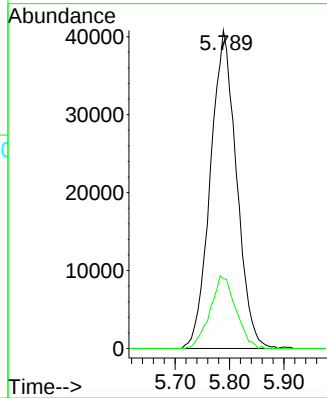
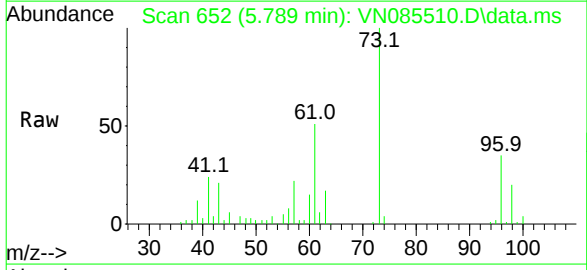
#19  
Methyl tert-butyl Ether  
Concen: 18.138 ug/l  
RT: 5.789 min Scan# 651  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

Tgt Ion: 73 Resp: 135902  
Ion Ratio Lower Upper  
73 100  
57 22.0 17.8 26.8

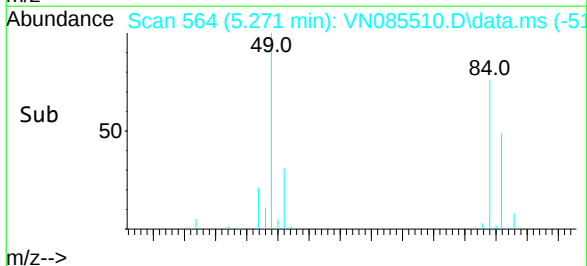
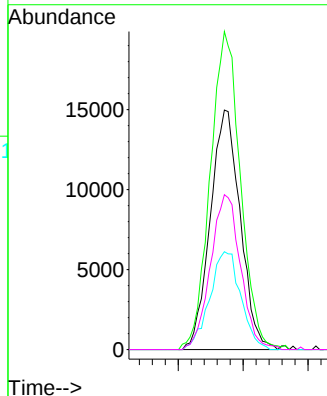
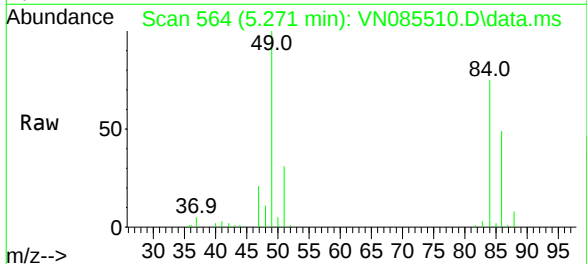
Manual Integrations  
APPROVED

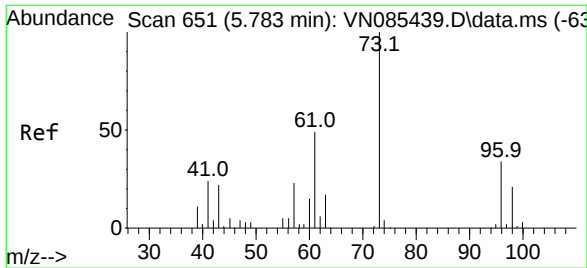
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#20  
Methylene Chloride  
Concen: 17.295 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Tgt Ion: 84 Resp: 48013  
Ion Ratio Lower Upper  
84 100  
49 132.8 104.1 156.1  
51 40.9 31.0 46.4  
86 64.7 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 17.777 ug/l

RT: 5.789 min Scan# 651

Delta R.T. 0.006 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

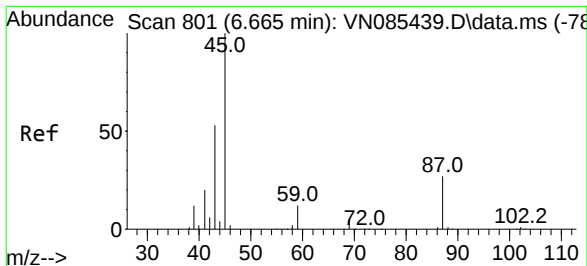
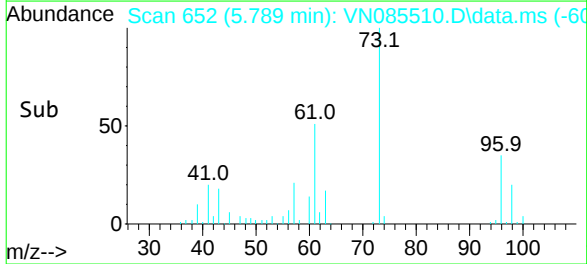
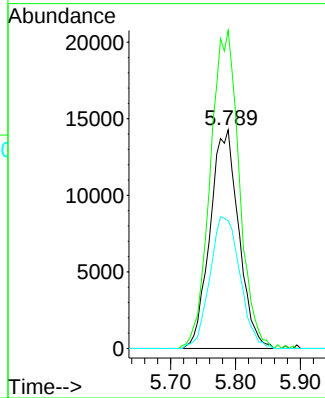
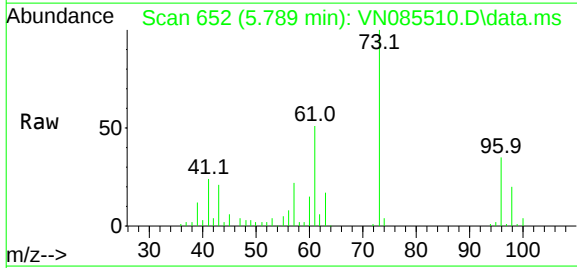
VN0121WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 43841 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 145.4 | 115.7 | 173.5 |
| 98       | 58.4  | 49.8  | 74.8  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#22

Diisopropyl ether

Concen: 18.669 ug/l

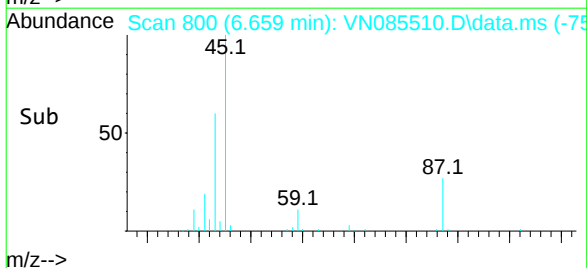
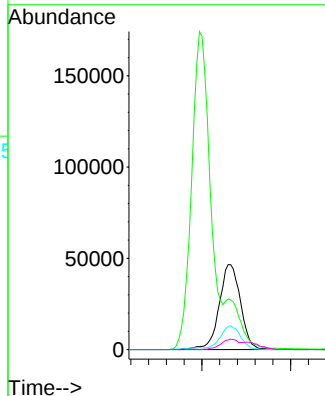
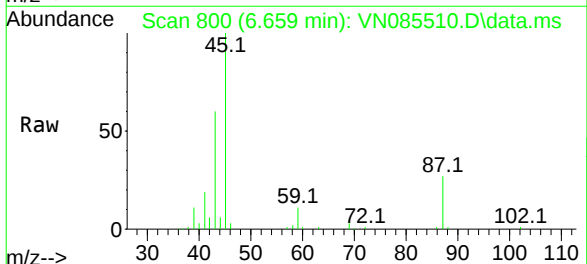
RT: 6.659 min Scan# 800

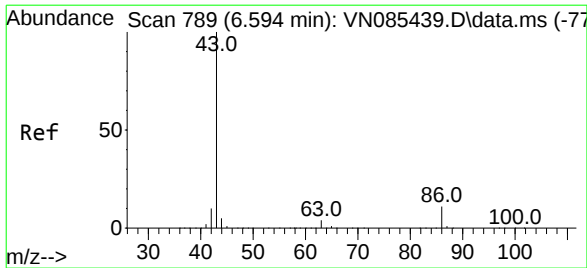
Delta R.T. -0.006 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 155160 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 58.1  | 45.0  | 67.6   |
| 87       | 27.1  | 21.8  | 32.8   |
| 59       | 11.4  | 10.2  | 15.2   |





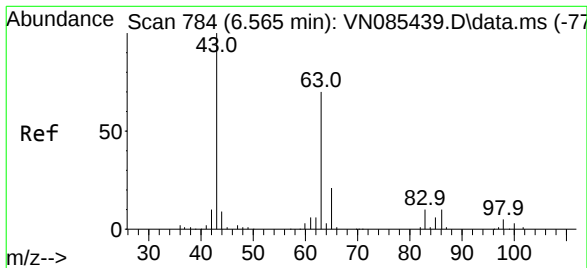
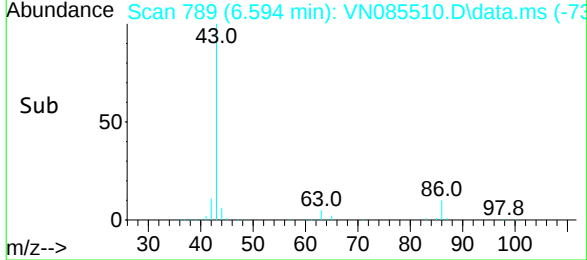
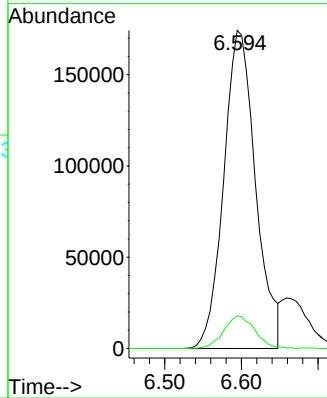
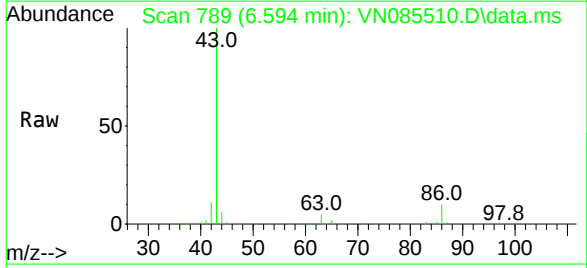
#23  
 Vinyl Acetate  
 Concen: 86.566 ug/l  
 RT: 6.594 min Scan# 789  
 Delta R.T. 0.000 min  
 Lab File: VN085510.D  
 Acq: 21 Jan 2025 12:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0121WBS01

Tgt Ion: 43 Resp: 503496  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 8.4 12.6

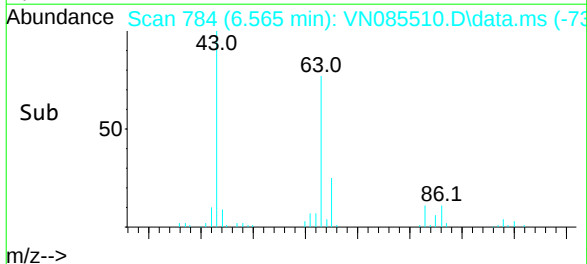
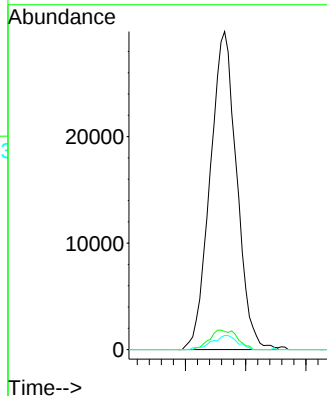
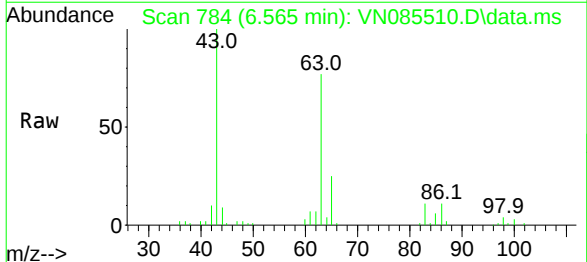
Manual Integrations  
 APPROVED

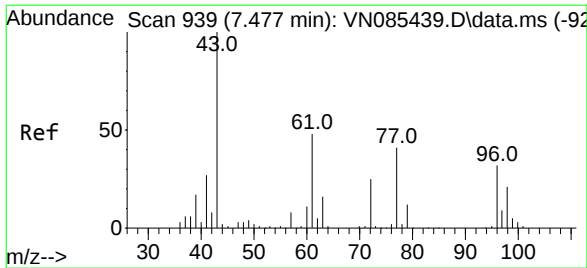
Reviewed By :Mahesh Dadoda 01/22/2025  
 Supervised By :Semsettin Yesilyurt 01/22/2025



#24  
 1,1-Dichloroethane  
 Concen: 18.090 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.000 min  
 Lab File: VN085510.D  
 Acq: 21 Jan 2025 12:09

Tgt Ion: 63 Resp: 91674  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 3.3 9.8  
 100 4.4 2.0 6.0





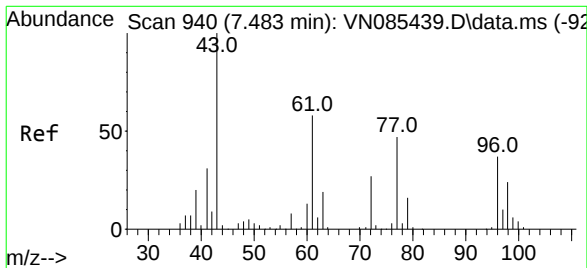
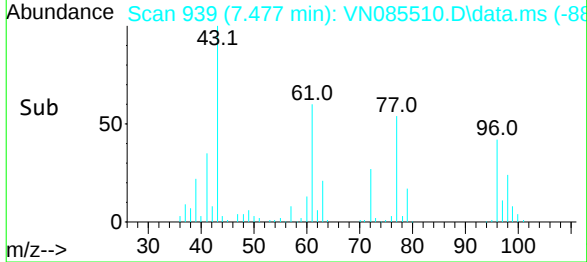
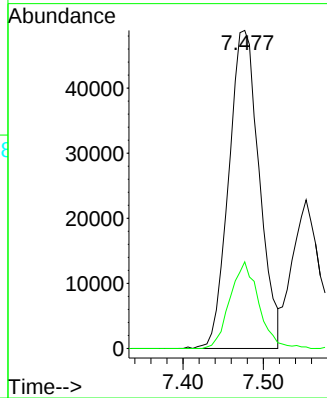
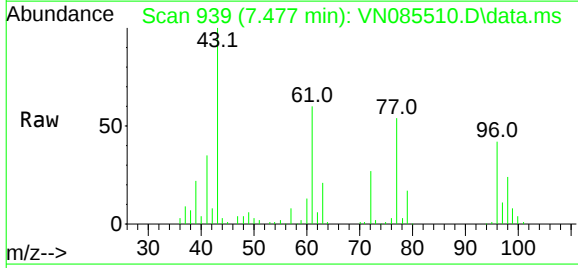
#25  
2-Butanone  
Concen: 78.284 ug/l  
RT: 7.477 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

Tgt Ion: 43 Resp: 129190  
Ion Ratio Lower Upper  
43 100  
72 27.2 20.2 30.4

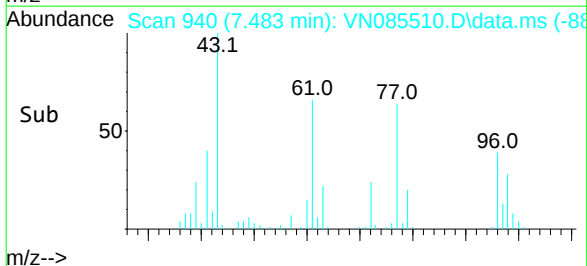
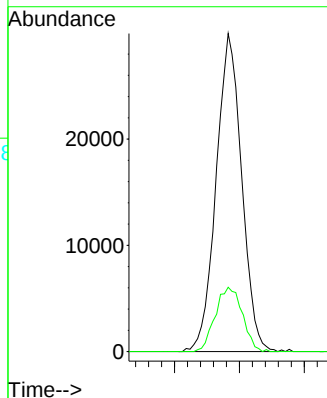
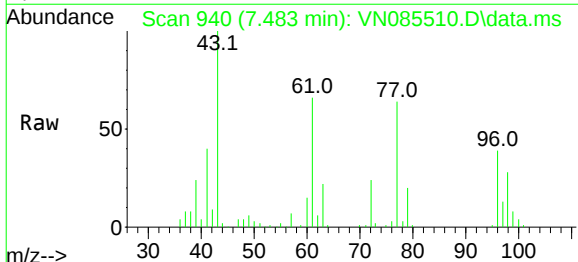
Manual Integrations  
APPROVED

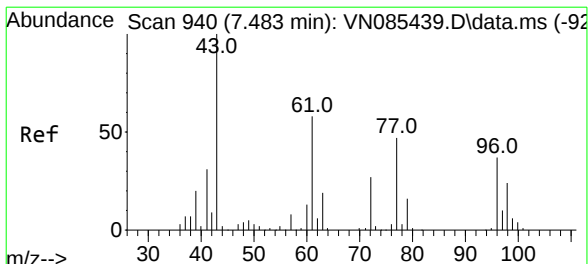
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#26  
2,2-Dichloropropane  
Concen: 19.951 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

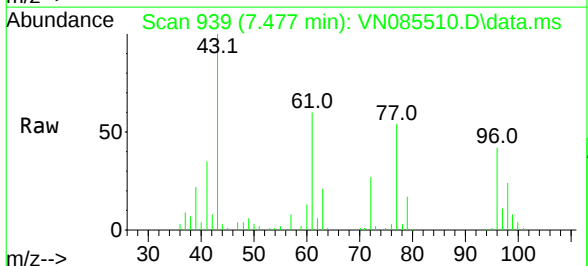
Tgt Ion: 77 Resp: 81745  
Ion Ratio Lower Upper  
77 100  
97 21.4 10.7 32.1





#27  
 cis-1,2-Dichloroethene  
 Concen: 17.629 ug/l  
 RT: 7.477 min Scan# 93  
 Delta R.T. -0.006 min  
 Lab File: VN085510.D  
 Acq: 21 Jan 2025 12:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0121WBS01

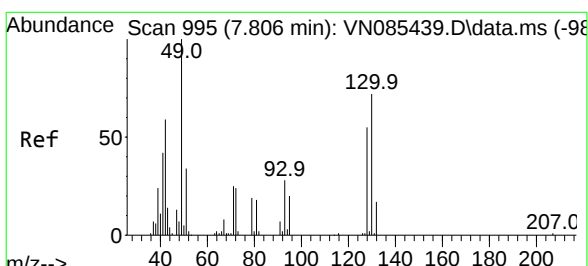
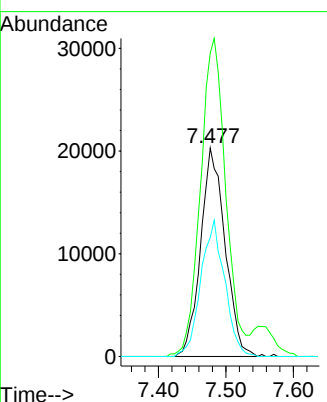
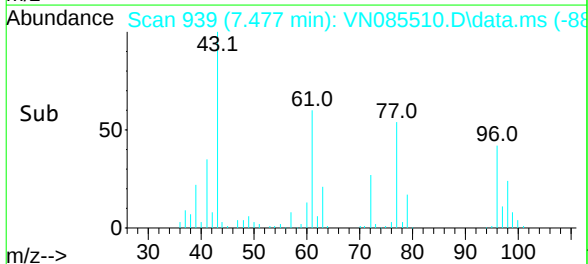


Tgt Ion: 96 Resp: 51206

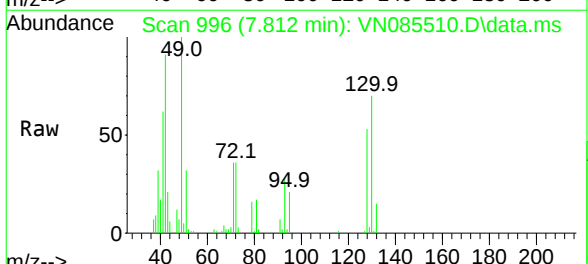
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 156.8 | 0.0   | 311.8 |
| 98  | 63.6  | 0.0   | 126.0 |

Manual Integrations  
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Reviewed By :Mahesh Dadoda 01/22/2025  
 Supervised By :Semsettin Yesilyurt 01/22/2025

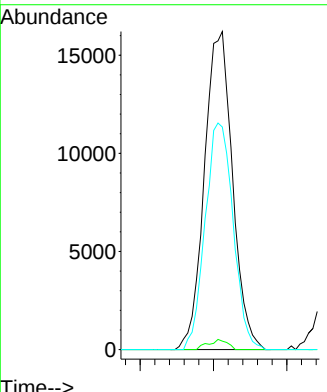
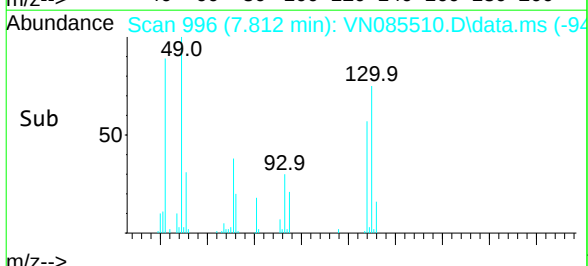


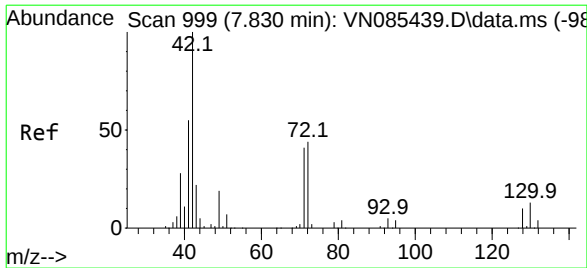
#28  
 Bromochloromethane  
 Concen: 18.296 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN085510.D  
 Acq: 21 Jan 2025 12:09



Tgt Ion: 49 Resp: 43136

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 4.4   |
| 130 | 71.0  | 55.0  | 82.4  |





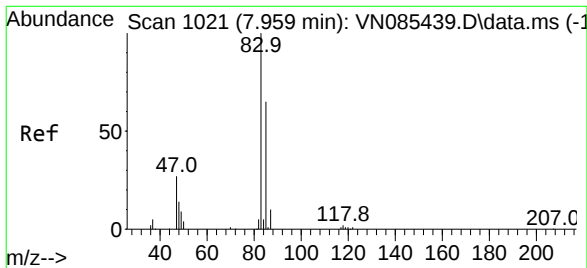
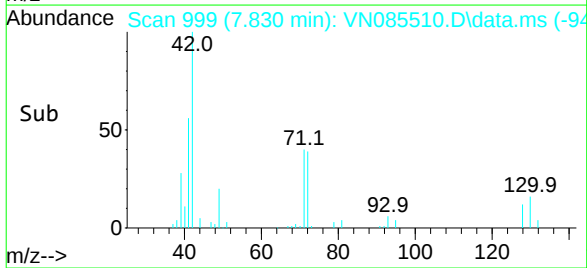
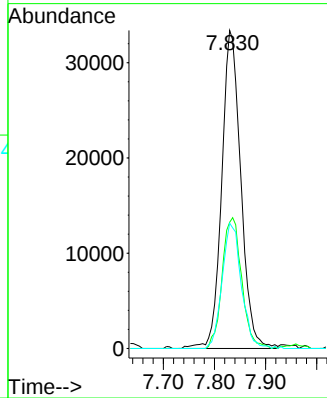
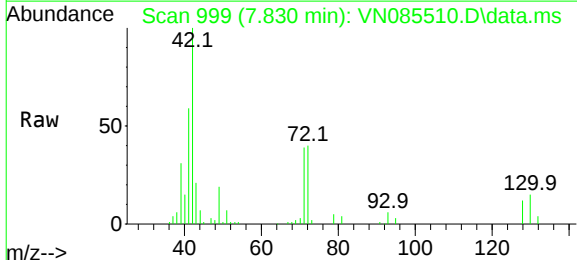
#29  
Tetrahydrofuran  
Concen: 82.876 ug/l  
RT: 7.830 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

Tgt Ion: 42 Resp: 86711  
Ion Ratio Lower Upper  
42 100  
72 42.0 34.2 51.2  
71 39.5 32.5 48.7

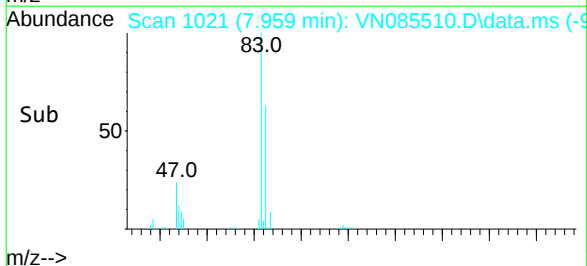
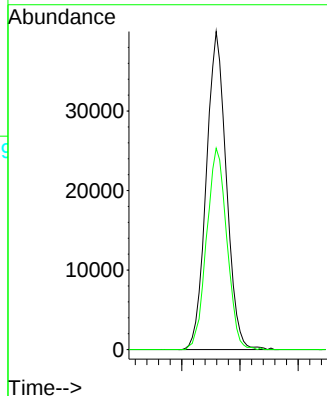
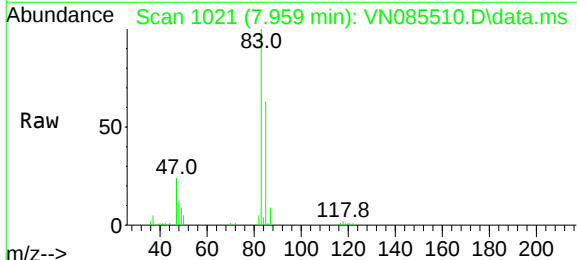
Manual Integrations  
APPROVED

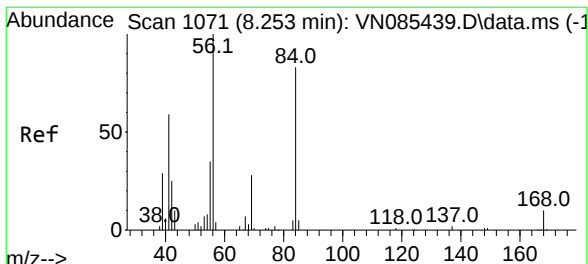
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#30  
Chloroform  
Concen: 18.266 ug/l  
RT: 7.959 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

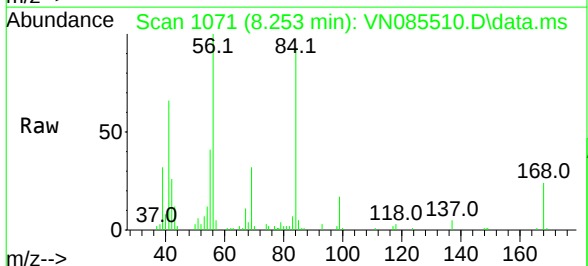
Tgt Ion: 83 Resp: 95670  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.8 77.6





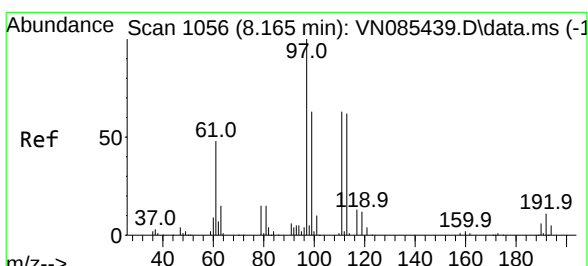
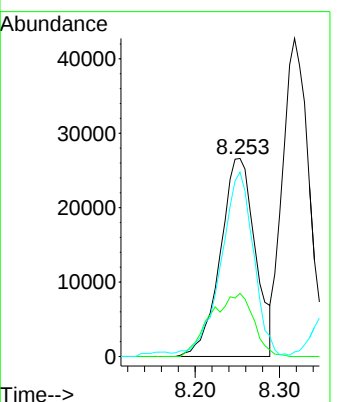
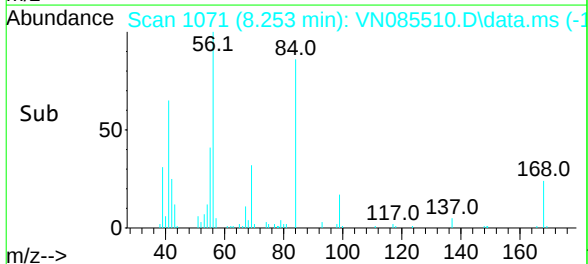
#31  
Cyclohexane  
Concen: 17.396 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument : MSVOA\_N  
Client SampleId : VN0121WBS01

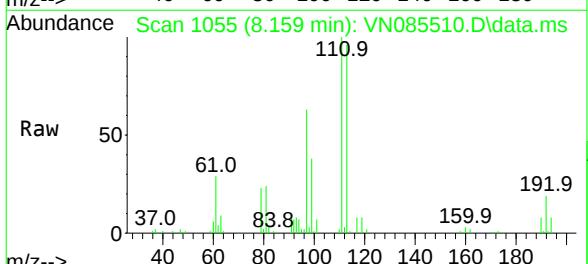


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 76624 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 31.9  | 22.2  | 33.4  |
| 84       | 91.4  | 66.4  | 99.6  |

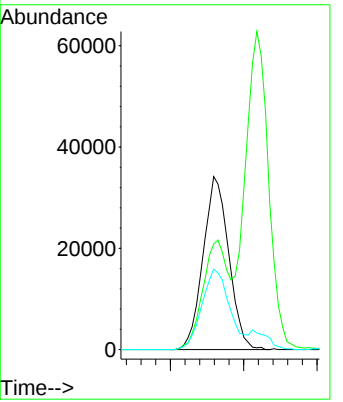
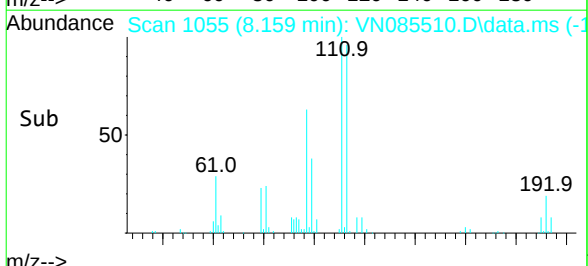
Manual Integrations  
**APPROVED**  
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025

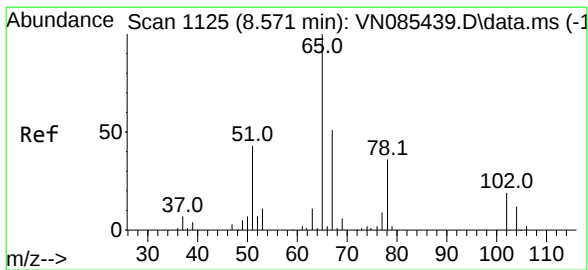


#32  
1,1,1-Trichloroethane  
Concen: 18.075 ug/l  
RT: 8.159 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09



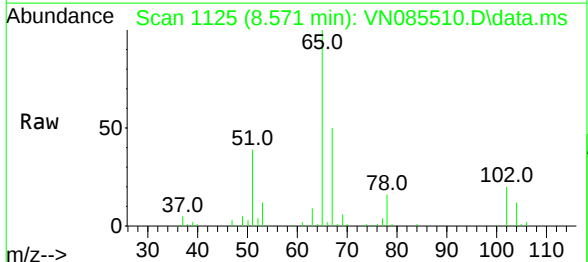
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 83041 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 61.7  | 49.8  | 74.6  |
| 61       | 50.8  | 41.4  | 62.2  |





#33  
 1,2-Dichloroethane-d4  
 Concen: 48.637 ug/l  
 RT: 8.571 min Scan# 1125  
 Delta R.T. 0.000 min  
 Lab File: VN085510.D  
 Acq: 21 Jan 2025 12:09

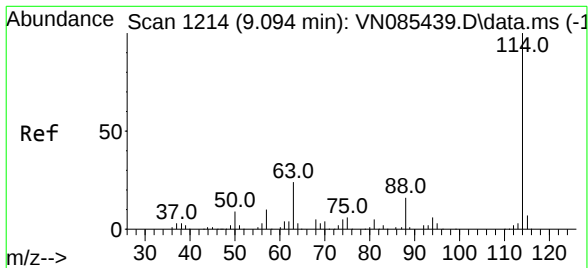
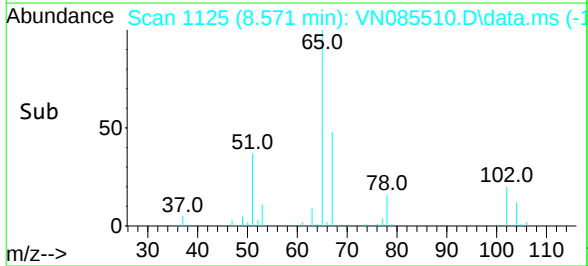
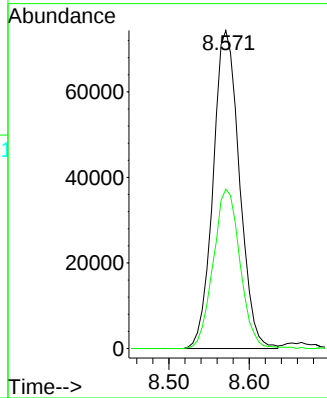
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0121WBS01



Tgt Ion: 65 Resp: 168806  
 Ion Ratio Lower Upper  
 65 100  
 67 51.1 0.0 101.6

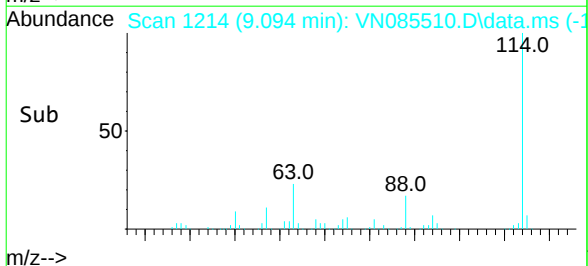
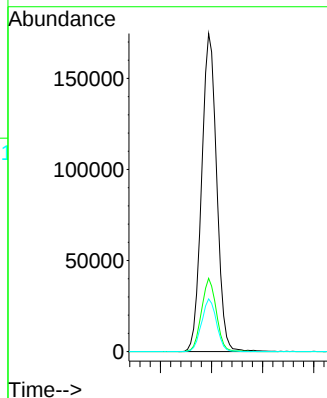
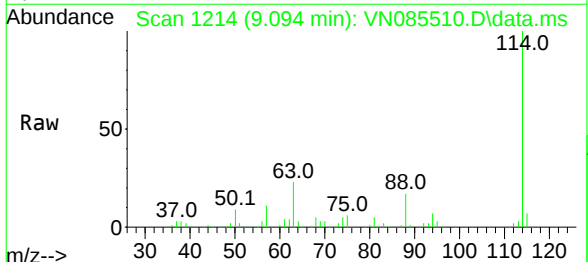
Manual Integrations  
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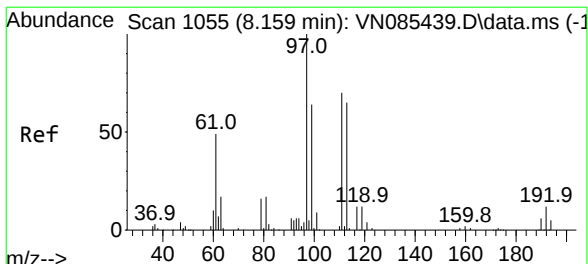
Reviewed By :Mahesh Dadoda 01/22/2025  
 Supervised By :Semsettin Yesilyurt 01/22/2025



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.094 min Scan# 1214  
 Delta R.T. 0.000 min  
 Lab File: VN085510.D  
 Acq: 21 Jan 2025 12:09

Tgt Ion:114 Resp: 356824  
 Ion Ratio Lower Upper  
 114 100  
 63 23.0 0.0 47.6  
 88 16.6 0.0 32.6





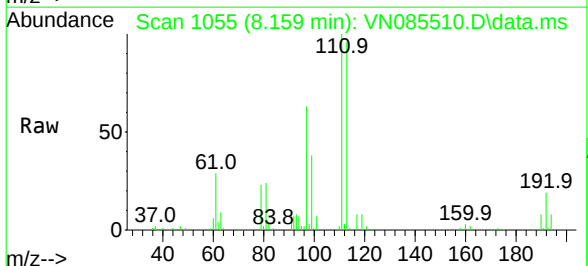
#35  
 Dibromofluoromethane  
 Concen: 51.268 ug/l  
 RT: 8.159 min Scan# 1055  
 Delta R.T. 0.000 min  
 Lab File: VN085510.D  
 Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

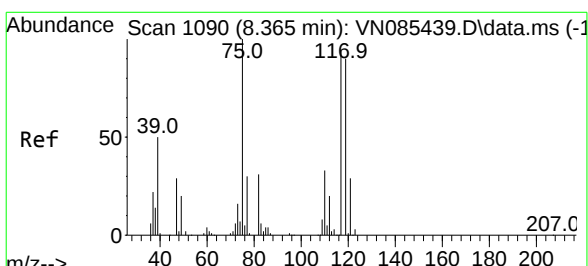
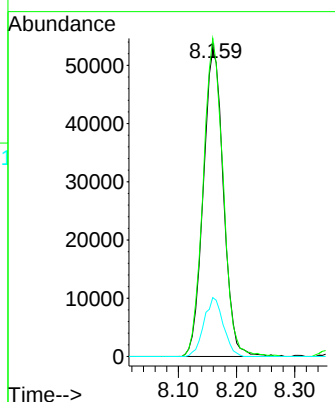
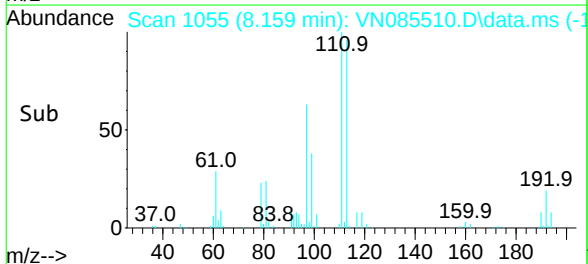
VN0121WBS01



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 126914 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 102.8 | 82.7  | 124.1  |
| 192      | 18.4  | 14.3  | 21.5   |

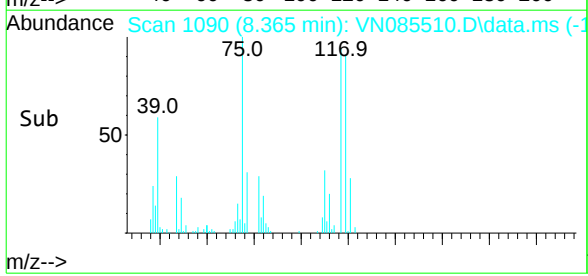
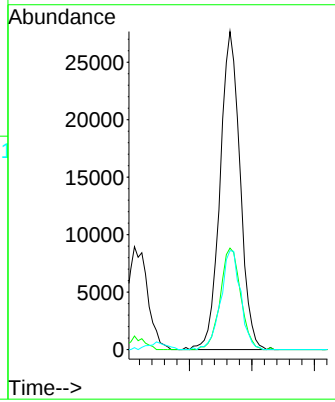
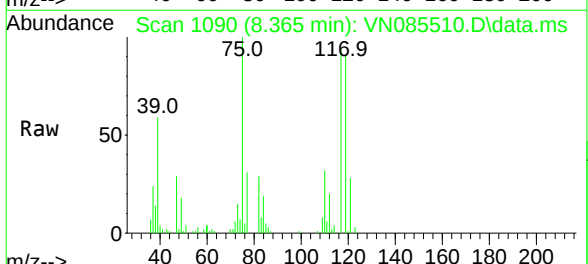
Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025  
 Supervised By :Semsettin Yesilyurt 01/22/2025



#36  
 1,1-Dichloropropene  
 Concen: 17.730 ug/l  
 RT: 8.365 min Scan# 1090  
 Delta R.T. 0.000 min  
 Lab File: VN085510.D  
 Acq: 21 Jan 2025 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 61598 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 32.4  | 16.5  | 49.5  |
| 77       | 30.9  | 24.4  | 36.6  |





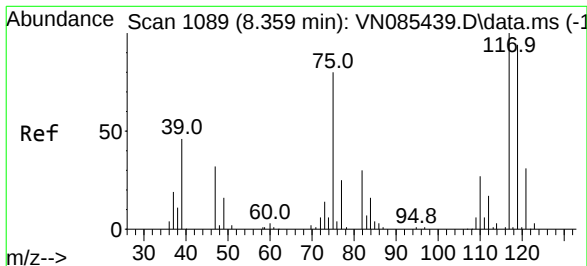
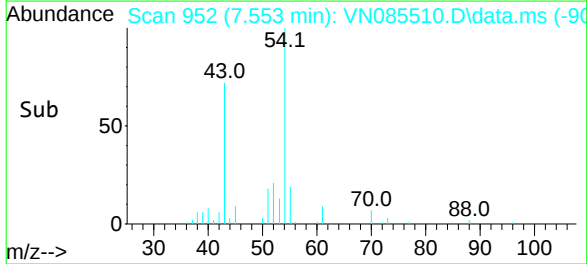
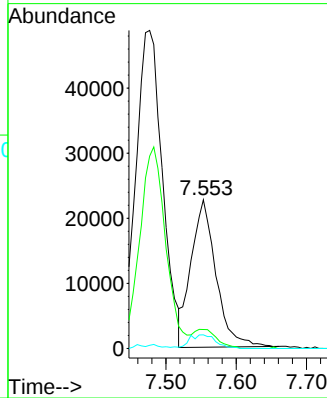
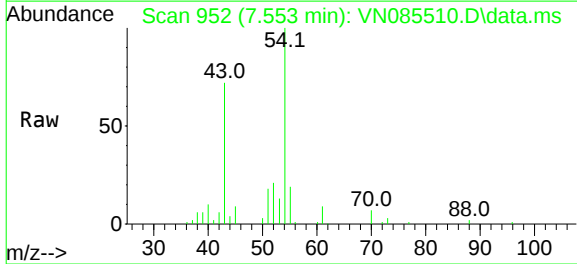
#37  
Ethyl Acetate  
Concen: 15.962 ug/l  
RT: 7.553 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 55974 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 11.6  | 10.9  | 16.3  |
| 70       | 9.6   | 7.5   | 11.3  |

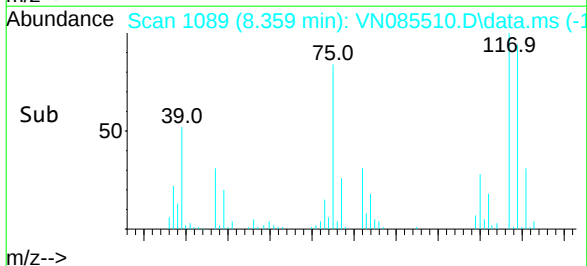
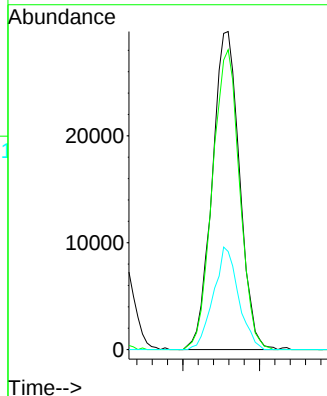
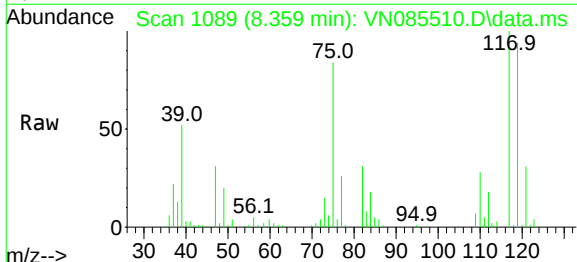
Manual Integrations  
APPROVED

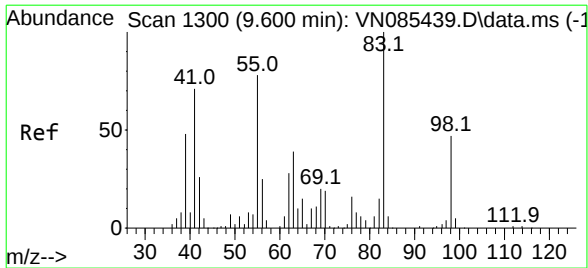
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#38  
Carbon Tetrachloride  
Concen: 18.475 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 73485 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.3  | 75.4  | 113.2 |
| 121      | 30.8  | 24.6  | 37.0  |





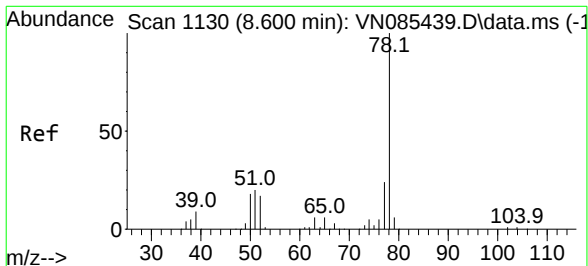
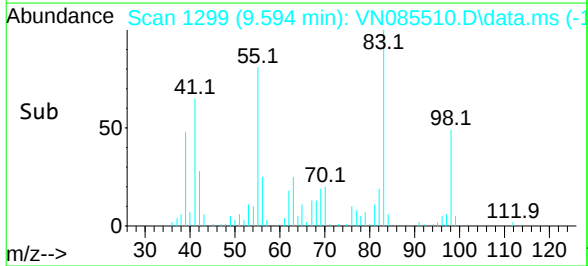
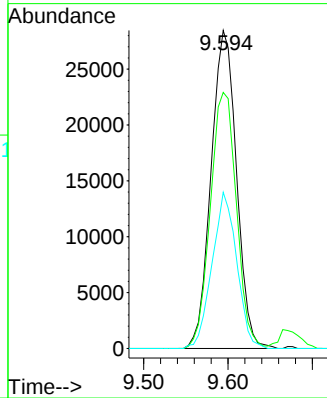
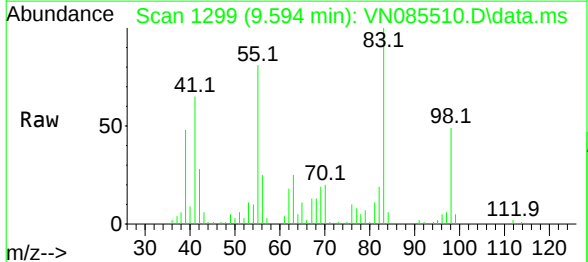
#39  
Methylcyclohexane  
Concen: 18.272 ug/l  
RT: 9.594 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 59653 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 80.5     | 62.6 94.0   |
| 98 49.1     | 37.7 56.5   |

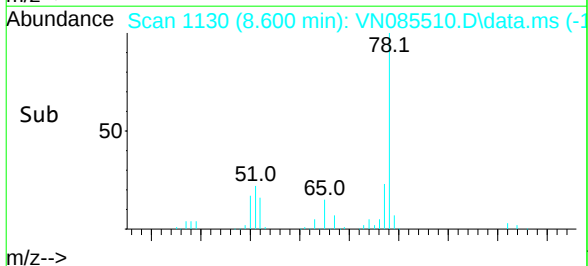
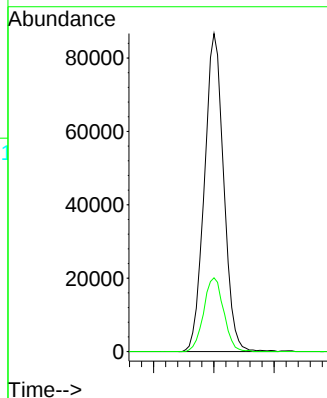
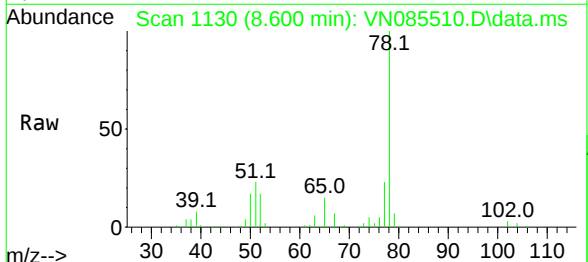
Manual Integrations  
APPROVED

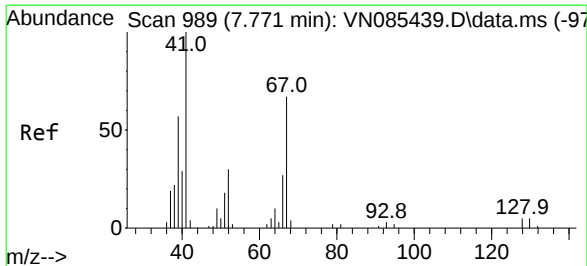
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#40  
Benzene  
Concen: 18.454 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

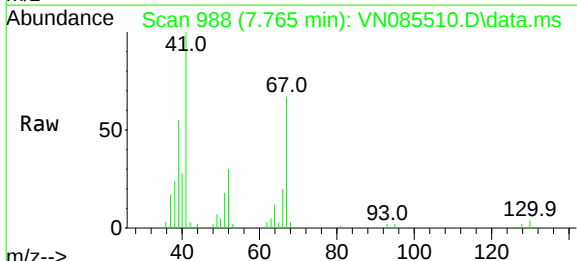
|             |              |
|-------------|--------------|
| Tgt Ion: 78 | Resp: 192641 |
| Ion Ratio   | Lower Upper  |
| 78 100      |              |
| 77 23.2     | 19.0 28.6    |





#41  
Methacrylonitrile  
Concen: 16.377 ug/l  
RT: 7.765 min Scan# 989  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

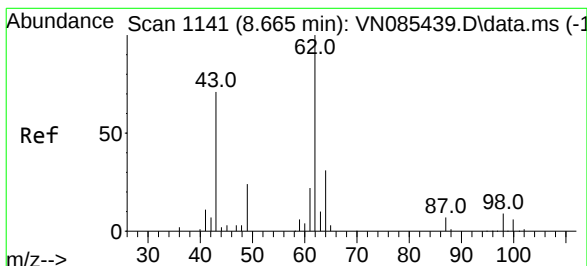
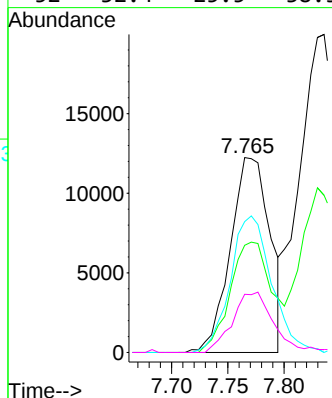
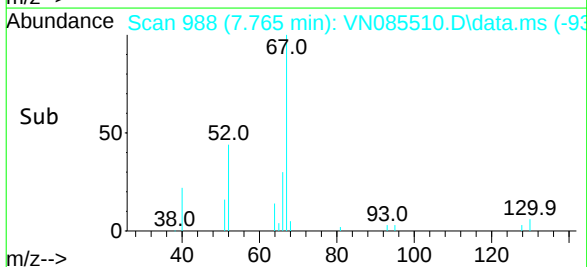
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 60.5  | 46.0  | 69.0  |
| 67      | 73.3  | 57.4  | 86.2  |
| 52      | 32.4  | 25.5  | 38.3  |

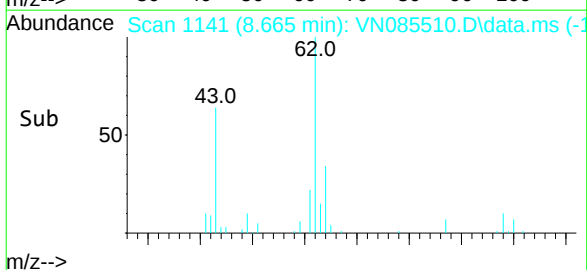
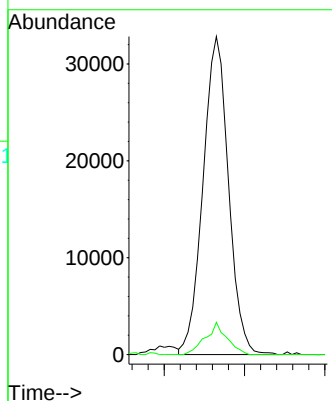
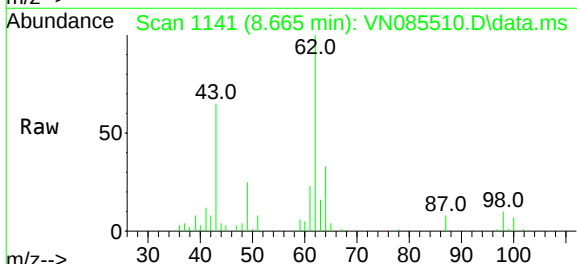
Manual Integrations  
APPROVED

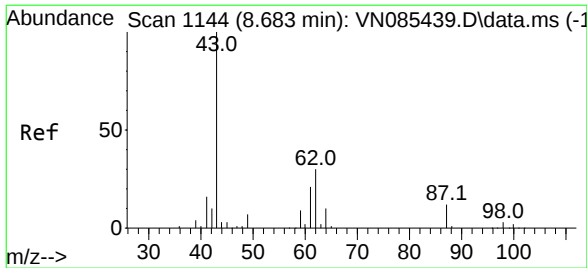
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#42  
1,2-Dichloroethane  
Concen: 18.402 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.5   | 0.0   | 17.0  |





#43

Isopropyl Acetate

Concen: 16.931 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

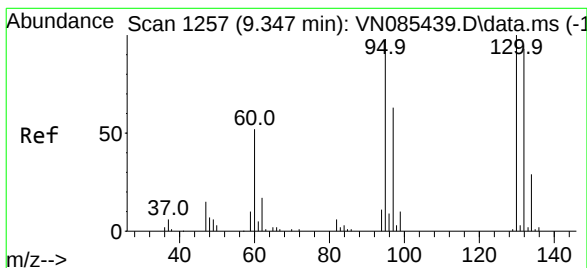
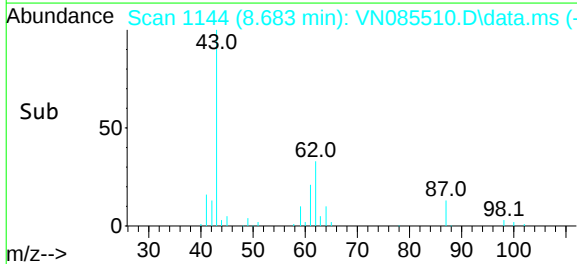
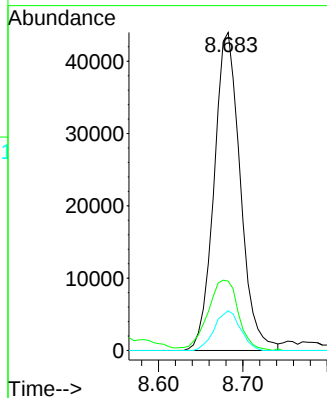
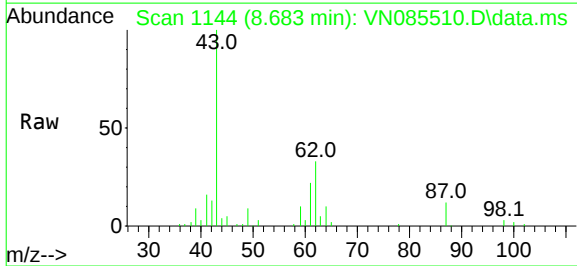
VN0121WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 95138 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 25.8  | 20.7  | 31.1  |
| 87       | 12.3  | 9.8   | 14.8  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#44

Trichloroethene

Concen: 18.124 ug/l

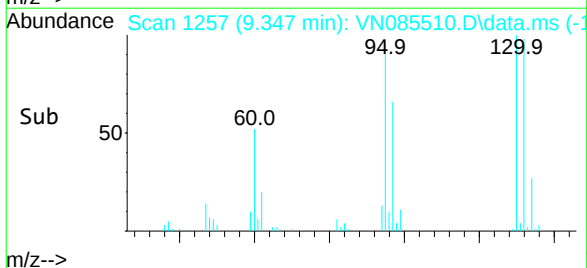
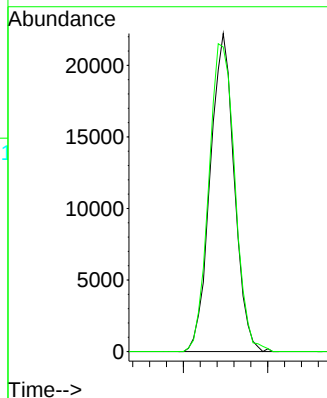
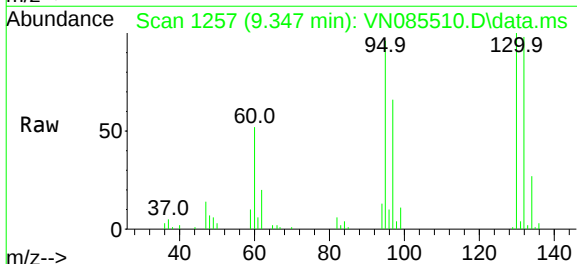
RT: 9.347 min Scan# 1257

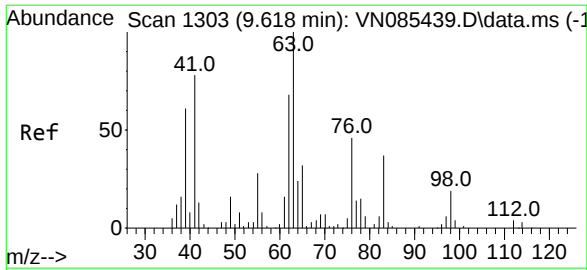
Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 44040 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 95.8  | 0.0   | 195.8 |





#45

1,2-Dichloropropane

Concen: 18.049 ug/l

RT: 9.612 min Scan# 13

Delta R.T. -0.006 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0121WBS01

Tgt Ion: 63 Resp: 48126

Ion Ratio Lower Upper

63 100

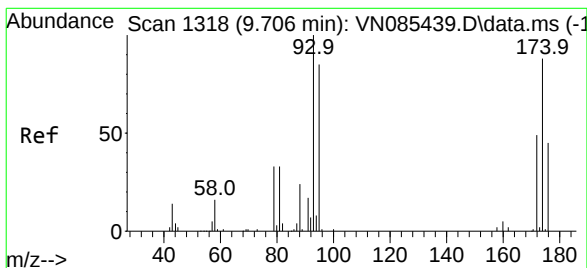
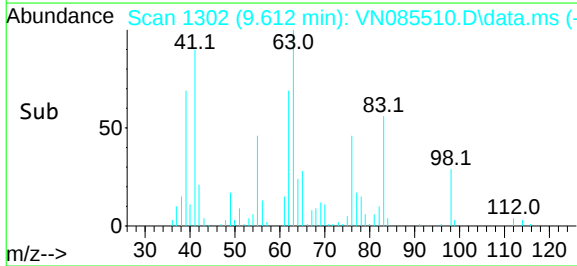
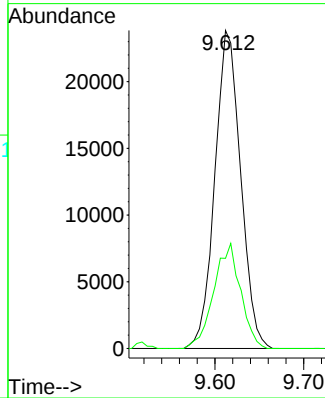
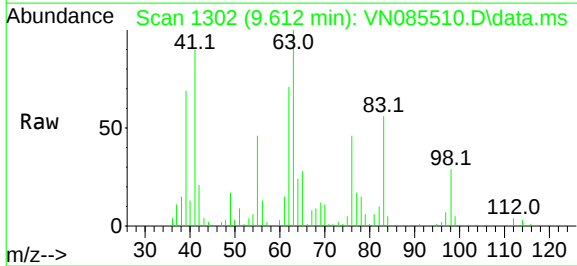
65 28.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#46

Dibromomethane

Concen: 17.406 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

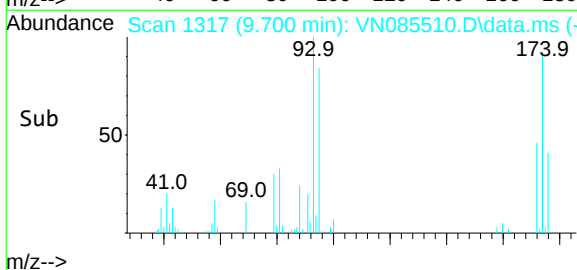
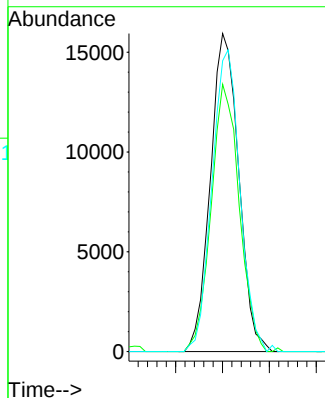
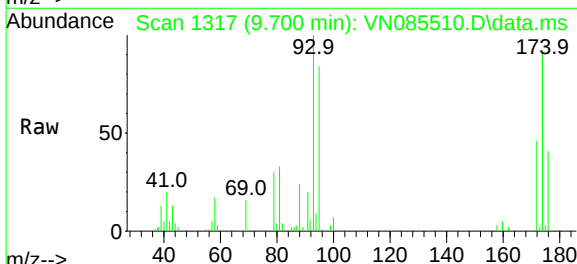
Tgt Ion: 93 Resp: 33489

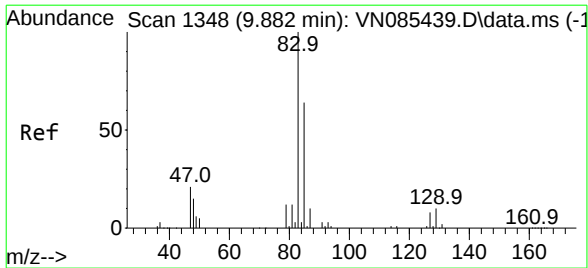
Ion Ratio Lower Upper

93 100

95 83.2 64.7 97.1

174 93.6 69.0 103.4





#47  
 Bromodichloromethane  
 Concen: 18.712 ug/l  
 RT: 9.883 min Scan# 1312  
 Delta R.T. 0.001 min  
 Lab File: VN085510.D  
 Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

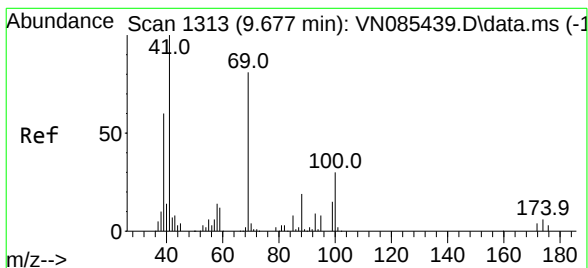
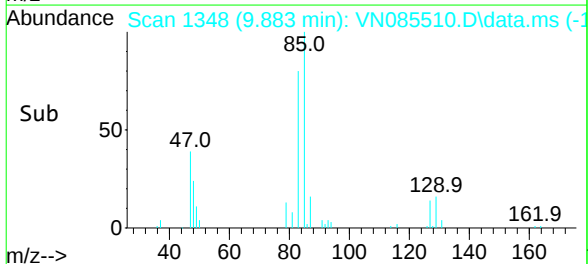
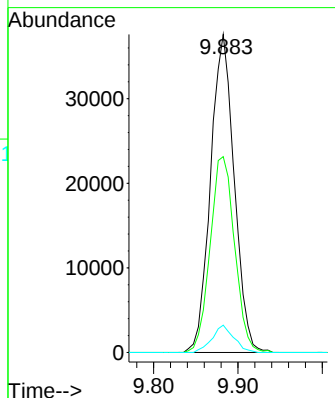
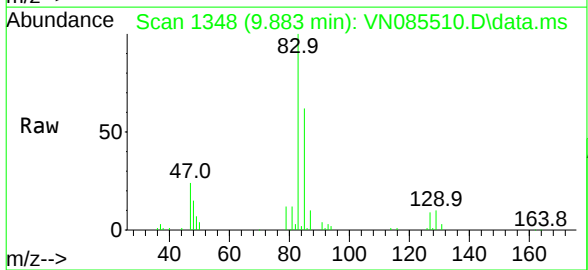
ClientSampleId :

VN0121WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 73348 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.6  | 51.2  | 76.8  |
| 127      | 8.6   | 6.5   | 9.7   |

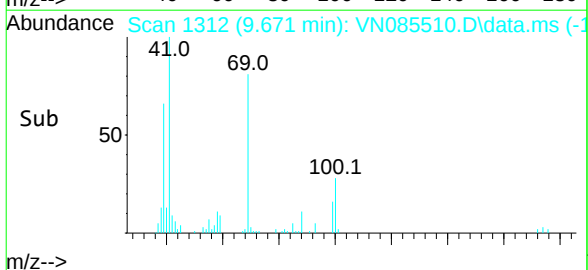
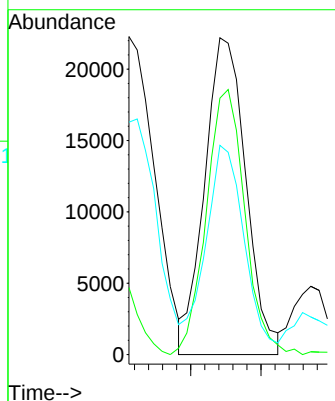
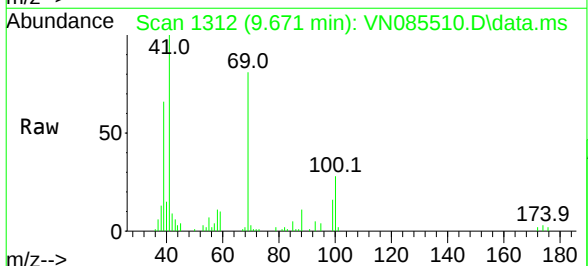
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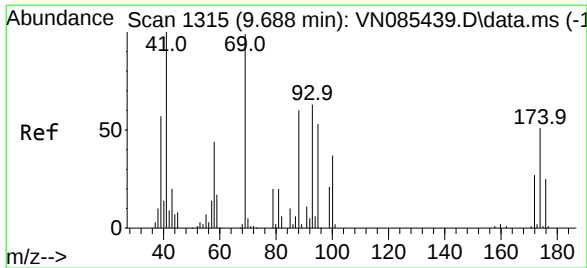
Reviewed By :Mahesh Dadoda 01/22/2025  
 Supervised By :Semsettin Yesilyurt 01/22/2025



#48  
 Methyl methacrylate  
 Concen: 17.885 ug/l  
 RT: 9.671 min Scan# 1312  
 Delta R.T. -0.006 min  
 Lab File: VN085510.D  
 Acq: 21 Jan 2025 12:09

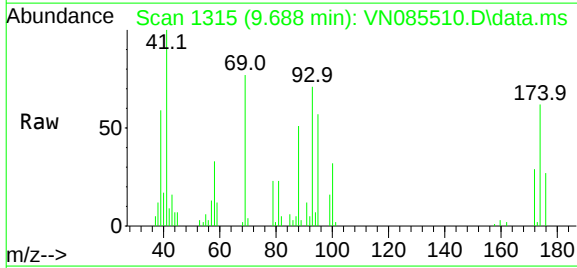
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 45226 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 78.3  | 64.7  | 97.1  |
| 39       | 62.7  | 49.0  | 73.6  |





#49  
1,4-Dioxane  
Concen: 307.397 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

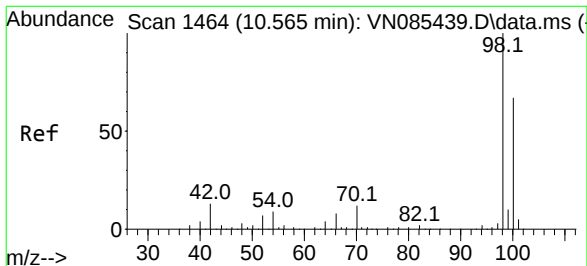
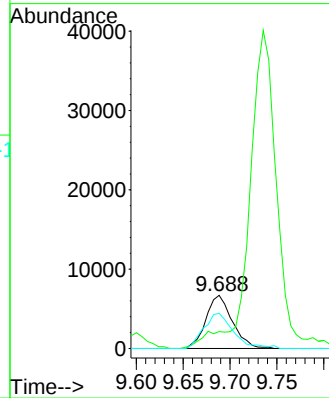
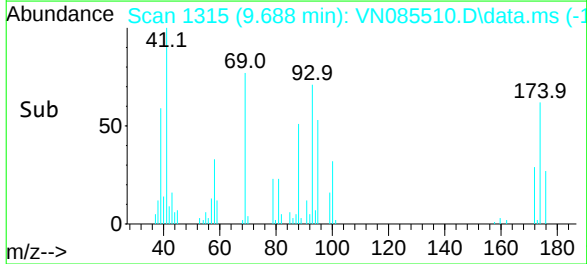
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01



Tgt Ion: 88 Resp: 13090  
Ion Ratio Lower Upper  
88 100  
43 0.0 26.6 39.8  
58 74.7 59.5 89.3

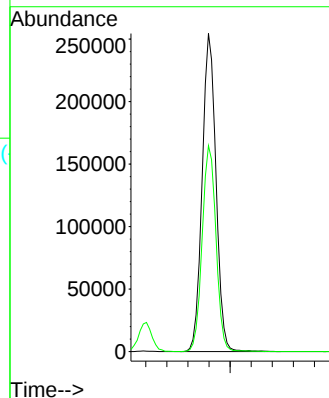
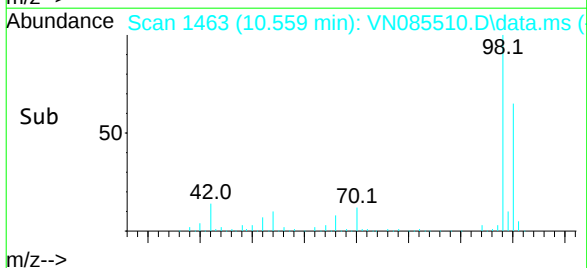
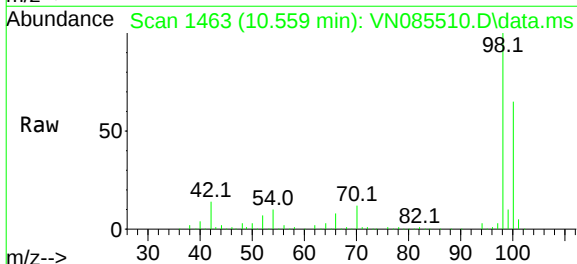
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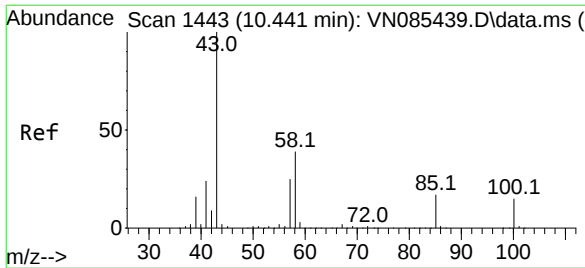
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#50  
Toluene-d8  
Concen: 52.666 ug/l  
RT: 10.559 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Tgt Ion: 98 Resp: 463218  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.2 78.4





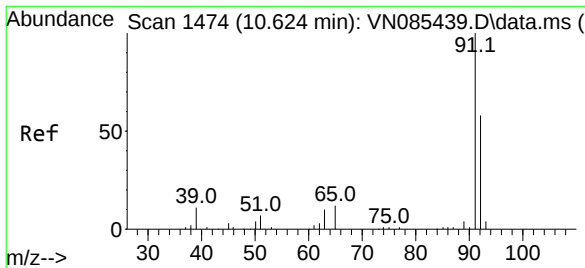
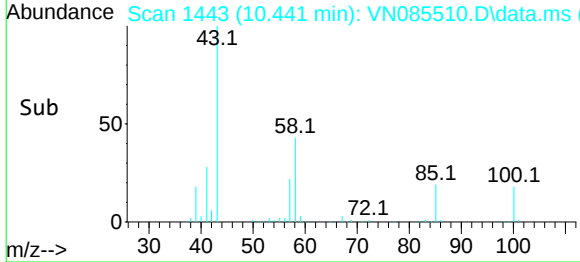
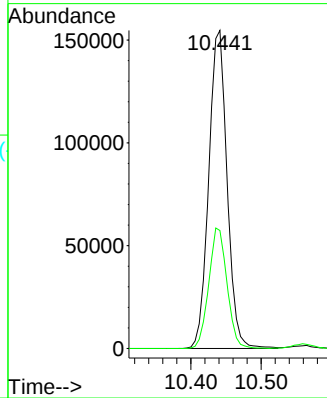
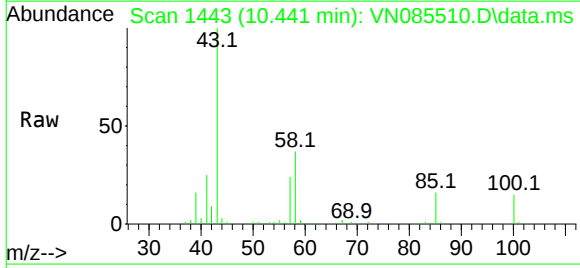
#51  
4-Methyl-2-Pentanone  
Concen: 85.973 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

Tgt Ion: 43 Resp: 280332  
Ion Ratio Lower Upper  
43 100  
58 37.7 30.5 45.7

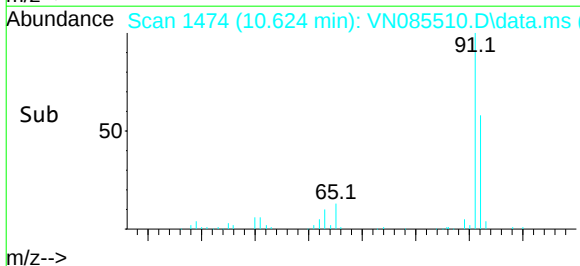
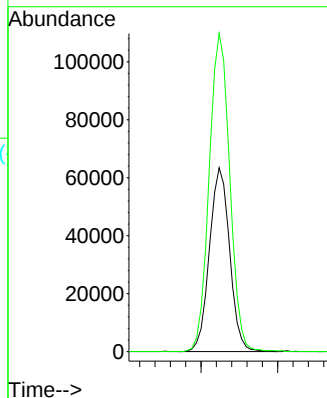
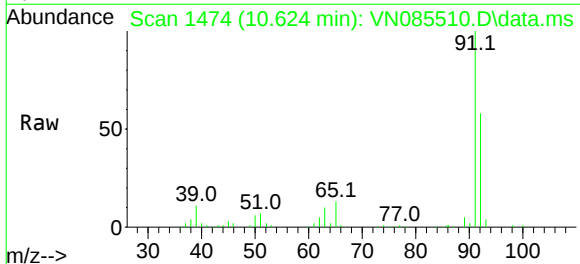
Manual Integrations  
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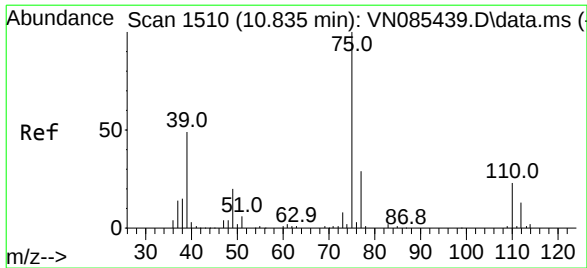
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#52  
Toluene  
Concen: 19.188 ug/l  
RT: 10.624 min Scan# 1474  
Delta R.T. -0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Tgt Ion: 92 Resp: 116059  
Ion Ratio Lower Upper  
92 100  
91 176.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 18.896 ug/l

RT: 10.829 min Scan# 1510

Delta R.T. -0.006 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0121WBS01

Tgt Ion: 75 Resp: 69997

Ion Ratio Lower Upper

75 100

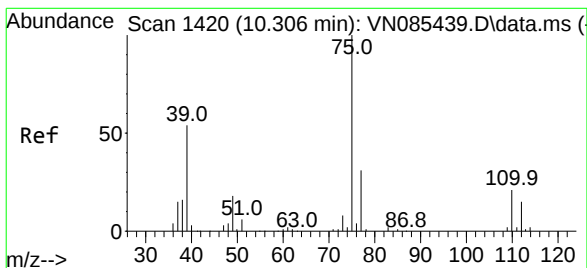
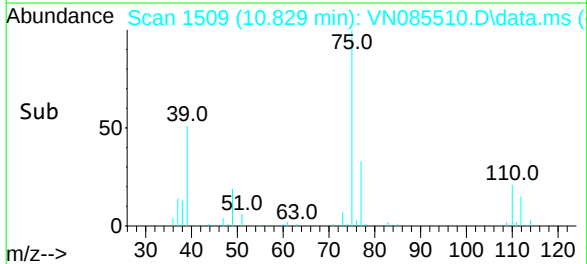
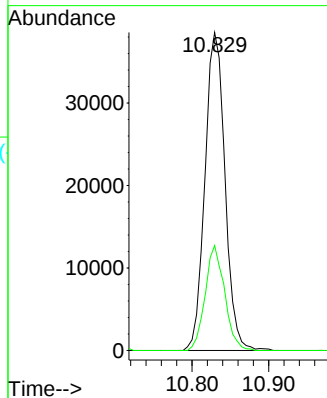
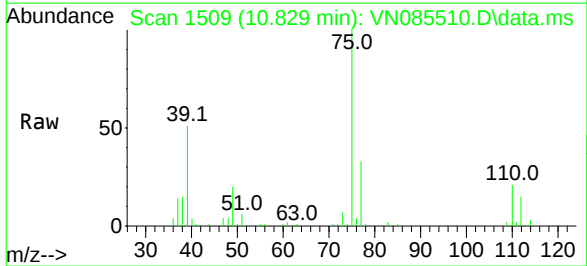
77 33.0 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#54

cis-1,3-Dichloropropene

Concen: 18.859 ug/l

RT: 10.306 min Scan# 1420

Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

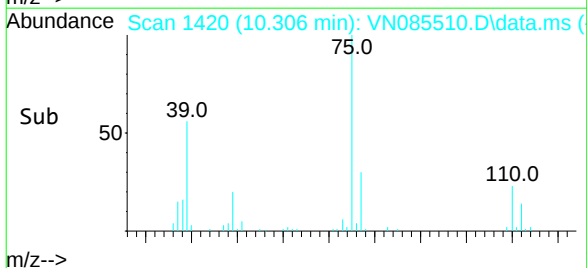
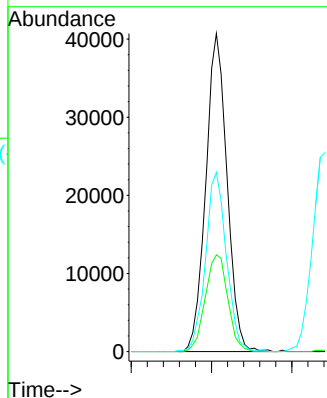
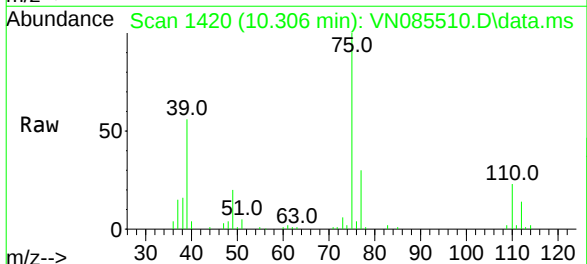
Tgt Ion: 75 Resp: 74620

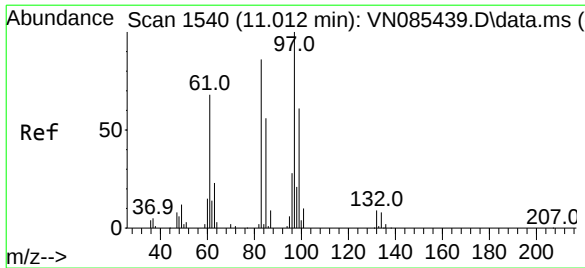
Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.4

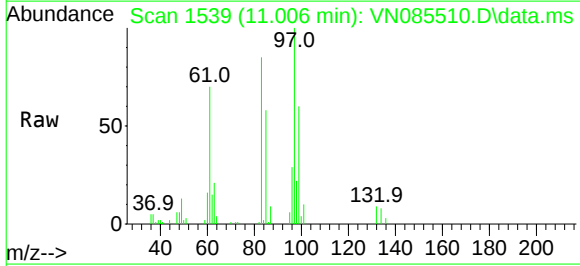
39 56.3 43.1 64.7





#55  
1,1,2-Trichloroethane  
Concen: 18.272 ug/l  
RT: 11.006 min Scan# 1540  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

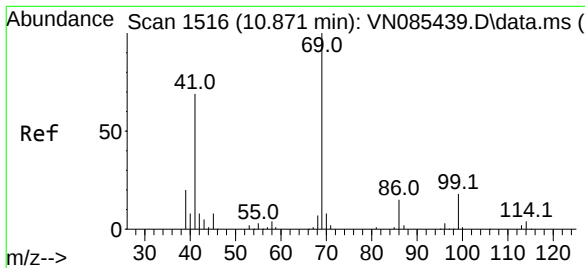
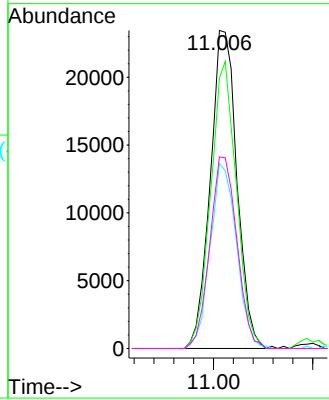
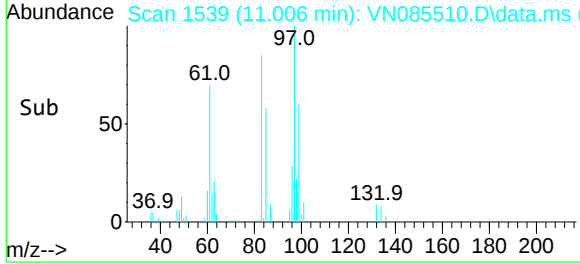
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01



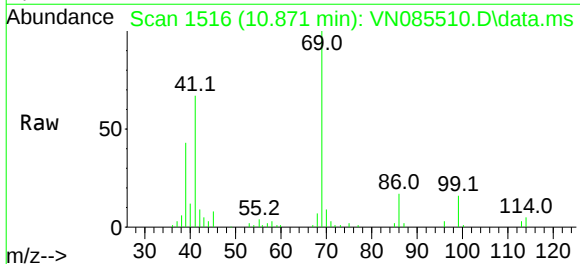
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 85.0  | 69.0  | 103.6 |
| 85      | 58.1  | 44.6  | 66.8  |
| 99      | 60.2  | 48.6  | 72.8  |

Manual Integrations  
APPROVED

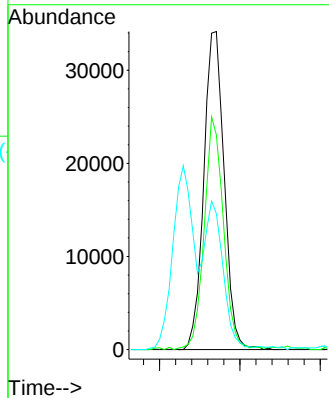
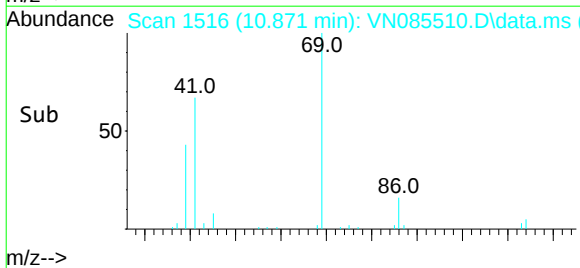
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025

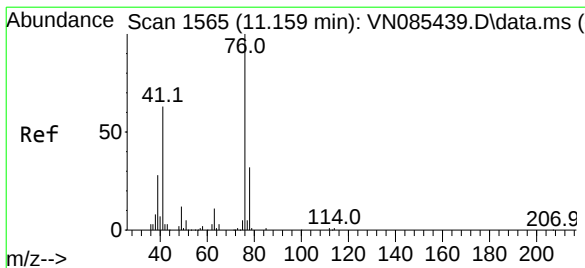


#56  
Ethyl methacrylate  
Concen: 16.322 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09



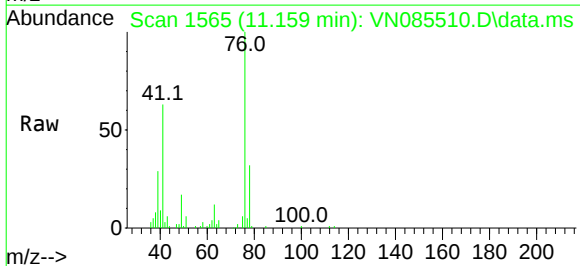
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 68.8  | 54.6  | 82.0  |
| 39      | 42.9  | 32.4  | 48.6  |





#57  
1,3-Dichloropropane  
Concen: 18.214 ug/l  
RT: 11.159 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

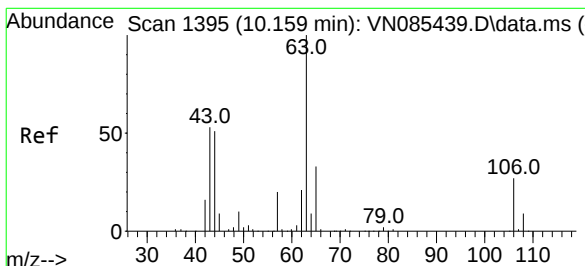
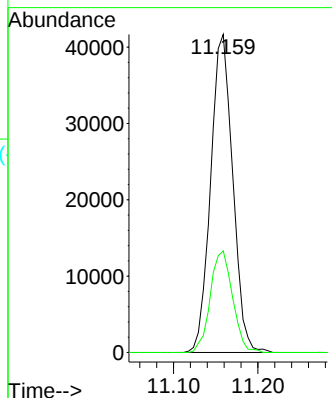
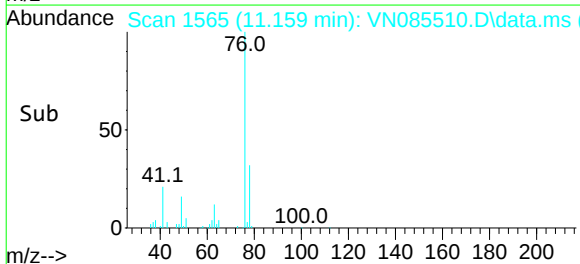
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01



Tgt Ion: 76 Resp: 75812  
Ion Ratio Lower Upper  
76 100  
78 32.2 25.6 38.4

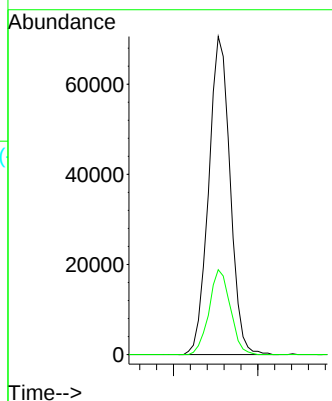
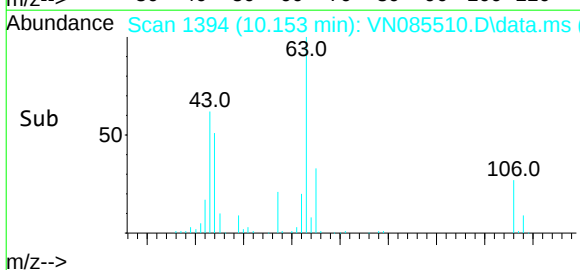
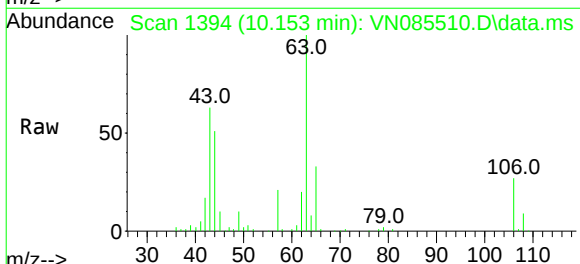
Manual Integrations  
APPROVED

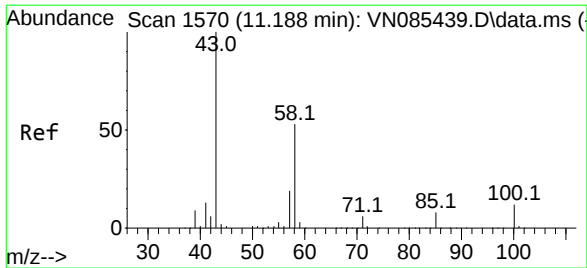
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#58  
2-Chloroethyl Vinyl ether  
Concen: 82.145 ug/l  
RT: 10.153 min Scan# 1394  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Tgt Ion: 63 Resp: 124782  
Ion Ratio Lower Upper  
63 100  
106 26.4 21.6 32.4





#59

2-Hexanone

Concen: 83.842 ug/l

RT: 11.188 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0121WBS01

Tgt Ion: 43 Resp: 192361

Ion Ratio Lower Upper

43 100

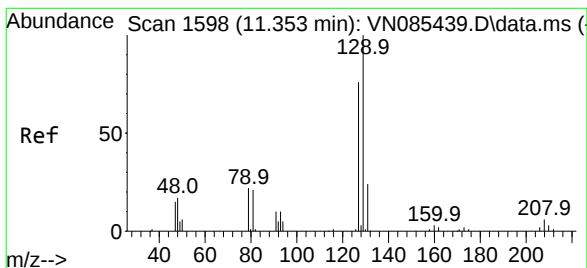
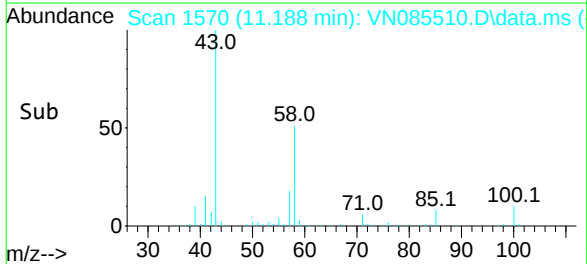
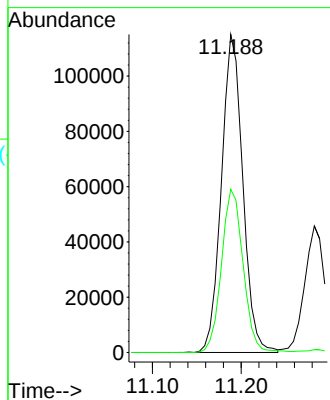
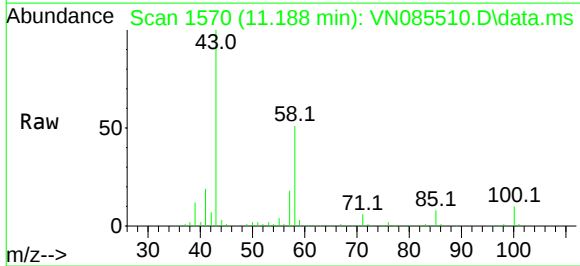
58 51.9 26.2 78.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#60

Dibromochloromethane

Concen: 18.014 ug/l

RT: 11.353 min Scan# 1598

Delta R.T. 0.000 min

Lab File: VN085510.D

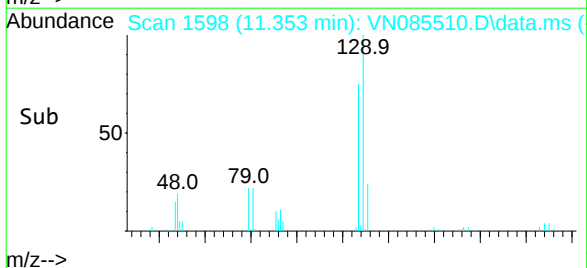
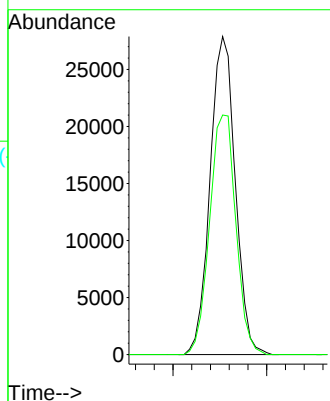
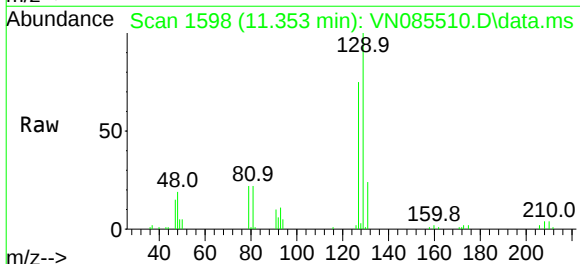
Acq: 21 Jan 2025 12:09

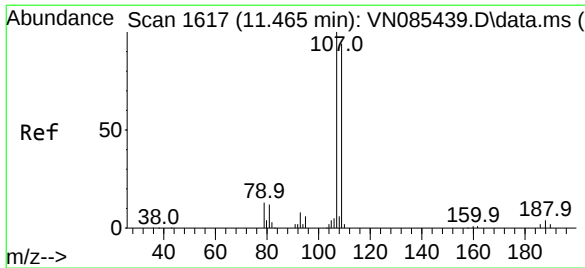
Tgt Ion:129 Resp: 52058

Ion Ratio Lower Upper

129 100

127 78.5 38.6 115.8





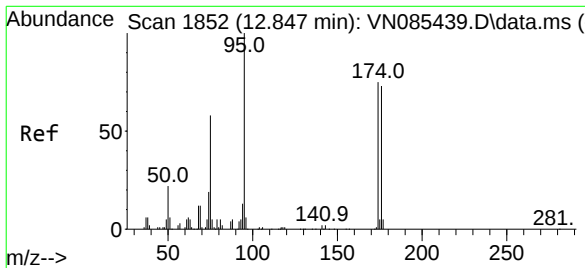
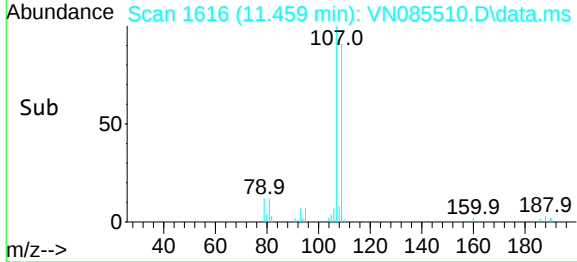
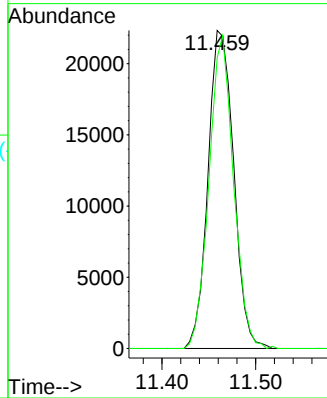
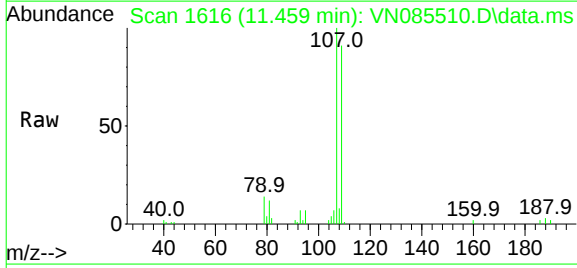
#61  
1,2-Dibromoethane  
Concen: 17.867 ug/l  
RT: 11.459 min Scan# 1617  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

Tgt Ion: 107 Resp: 42573  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.9 113.9

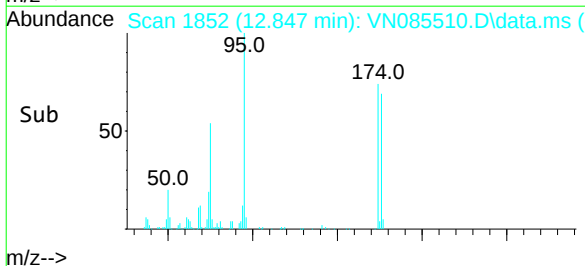
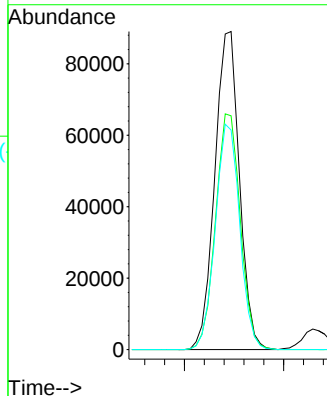
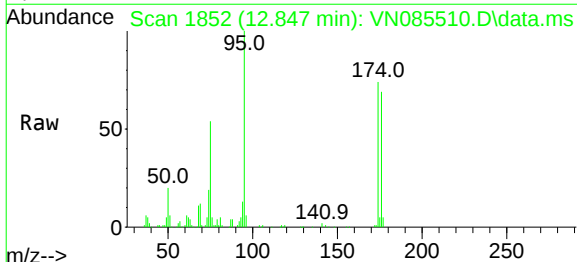
Manual Integrations  
APPROVED

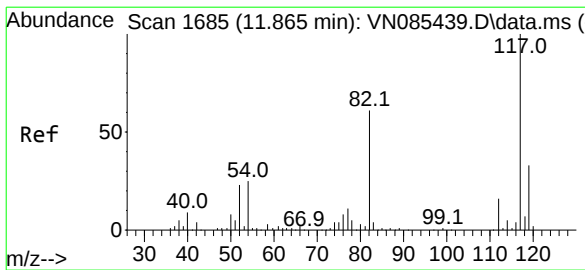
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#62  
4-Bromofluorobenzene  
Concen: 51.067 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Tgt Ion: 95 Resp: 153644  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 145.0  
176 70.2 0.0 142.4





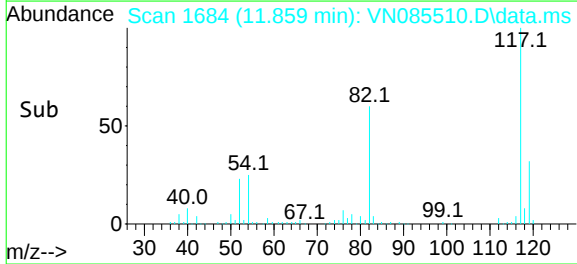
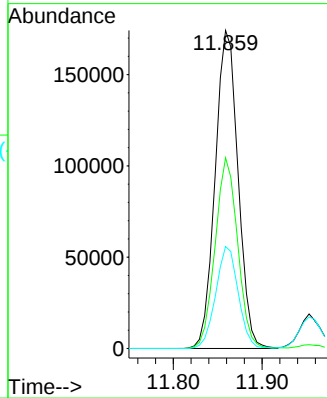
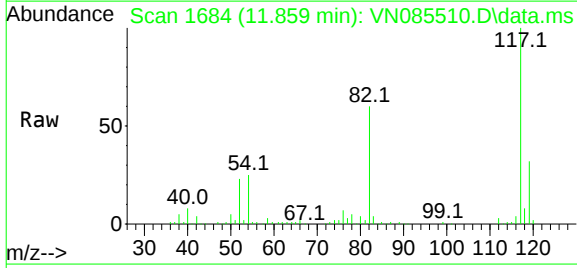
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.859 min Scan# 1685  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 311869 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 60.0  | 48.6  | 72.8   |
| 119      | 32.0  | 26.6  | 39.8   |

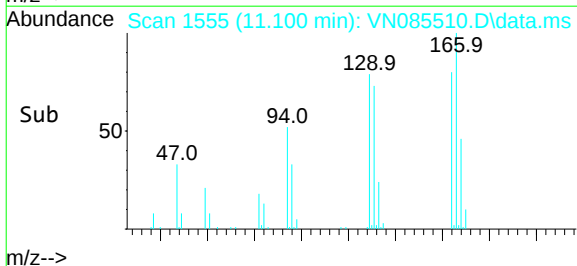
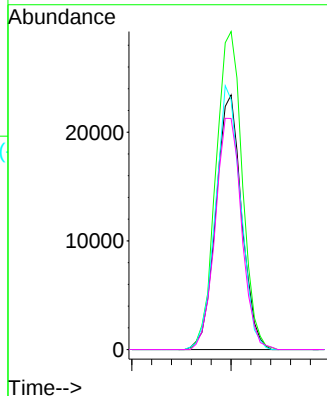
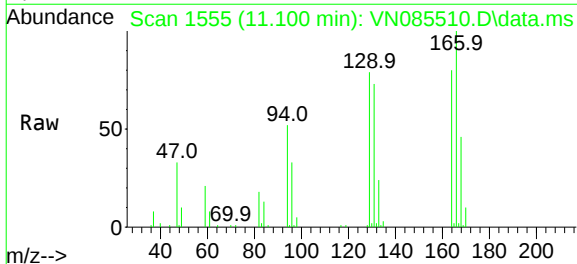
Manual Integrations  
APPROVED

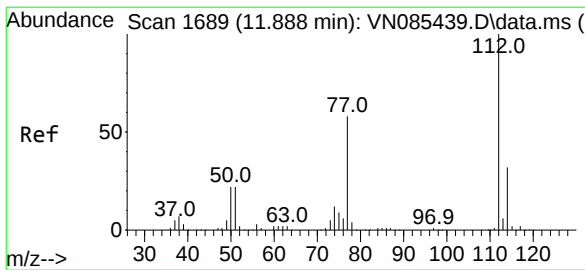
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#64  
Tetrachloroethene  
Concen: 19.870 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 42245 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 124.9 | 103.4 | 155.2 |
| 129      | 98.2  | 79.2  | 118.8 |
| 131      | 90.7  | 77.1  | 115.7 |





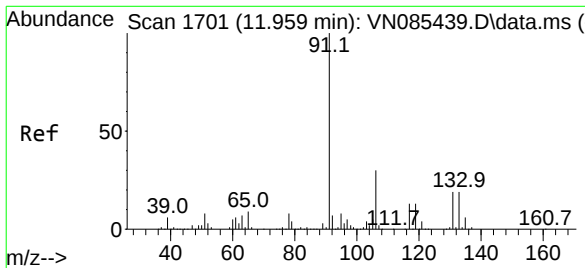
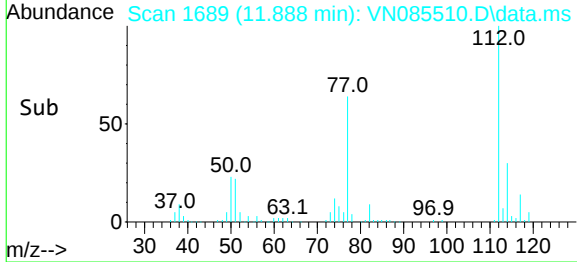
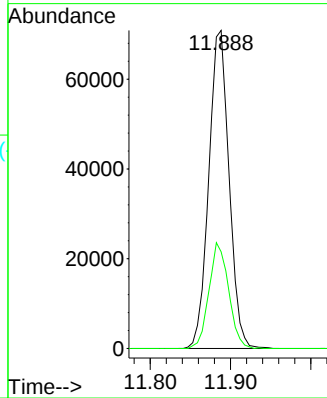
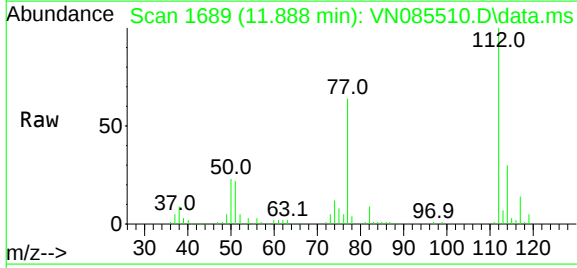
#65  
Chlorobenzene  
Concen: 18.200 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

Tgt Ion:112 Resp: 124345  
Ion Ratio Lower Upper  
112 100  
114 30.4 25.3 37.9

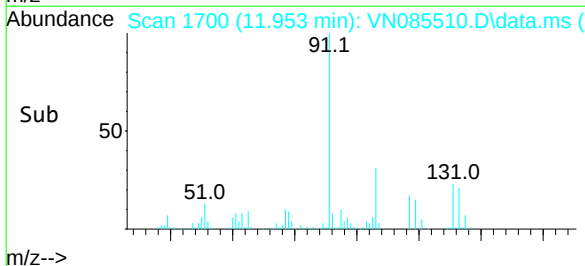
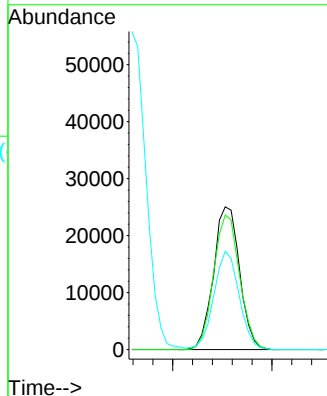
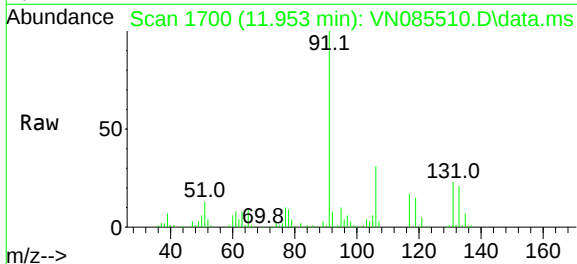
Manual Integrations  
APPROVED

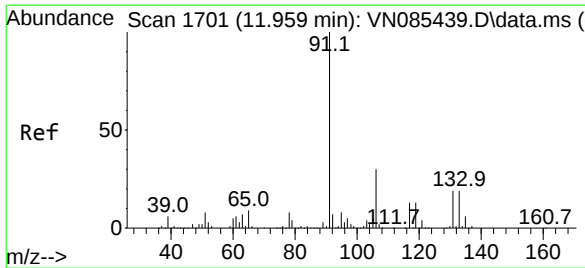
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.250 ug/l  
RT: 11.953 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Tgt Ion:131 Resp: 45761  
Ion Ratio Lower Upper  
131 100  
133 94.1 47.4 142.3  
119 66.9 33.1 99.5





#67

Ethyl Benzene

Concen: 18.816 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0121WBS01

Tgt Ion: 91 Resp: 209379

Ion Ratio Lower Upper

91 100

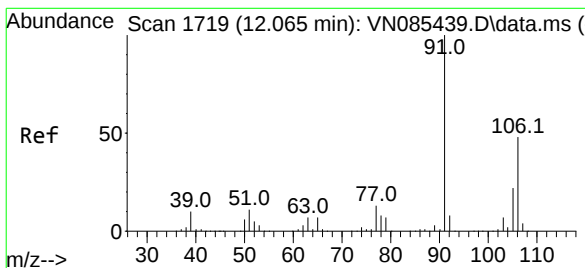
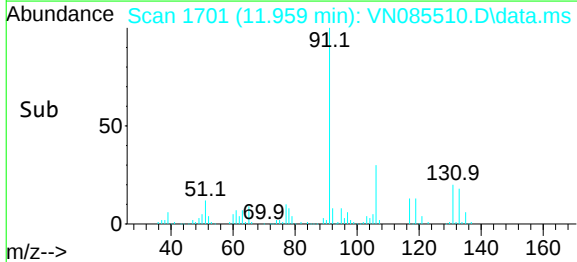
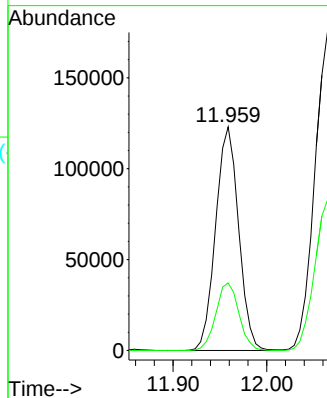
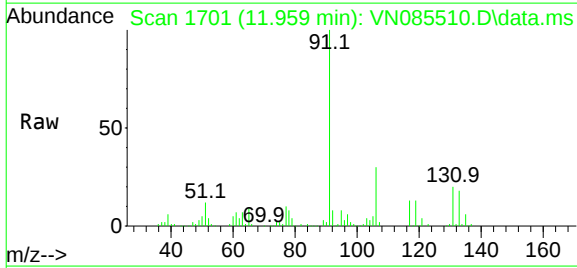
106 30.2 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#68

m/p-Xylenes

Concen: 39.109 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN085510.D

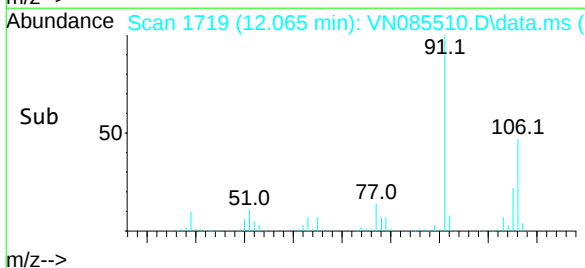
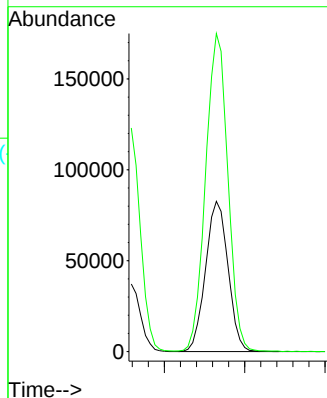
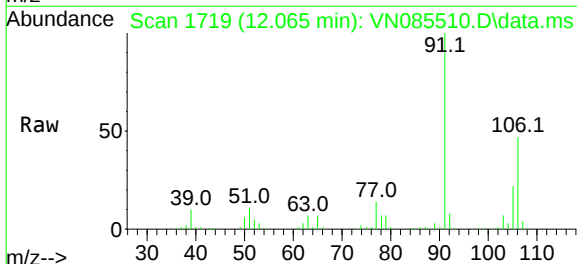
Acq: 21 Jan 2025 12:09

Tgt Ion:106 Resp: 160840

Ion Ratio Lower Upper

106 100

91 209.6 167.7 251.5





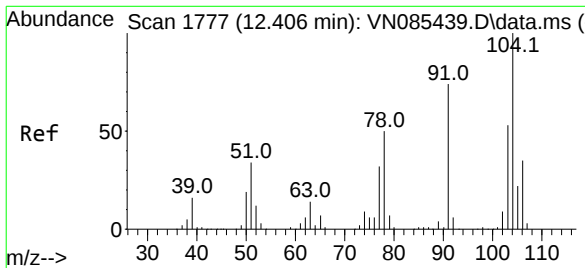
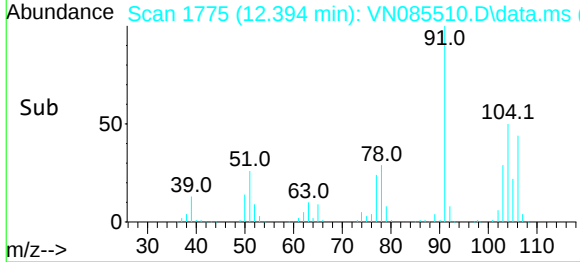
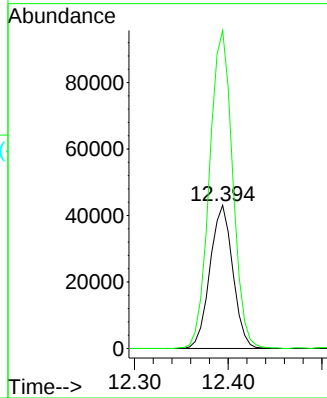
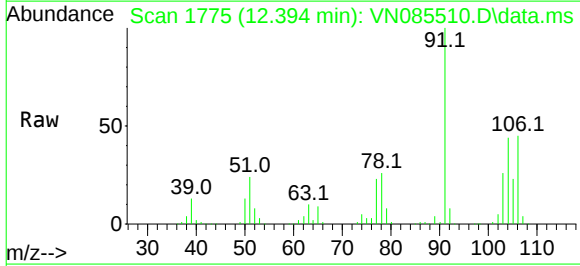
#69  
o-Xylene  
Concen: 18.537 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

Tgt Ion:106 Resp: 72854  
Ion Ratio Lower Upper  
106 100  
91 225.8 110.4 331.2

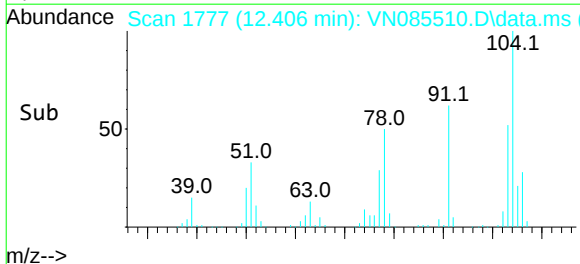
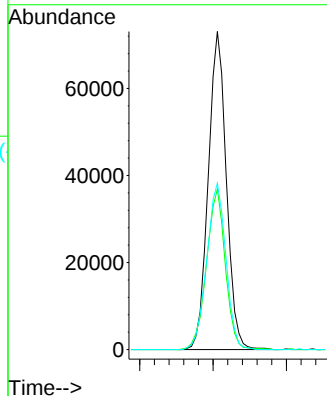
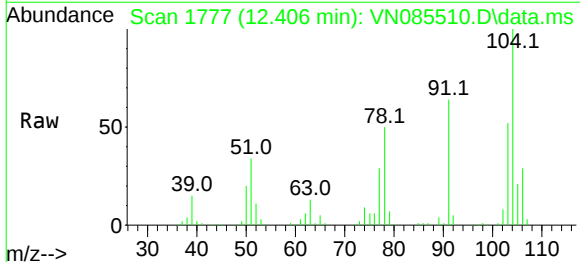
Manual Integrations  
APPROVED

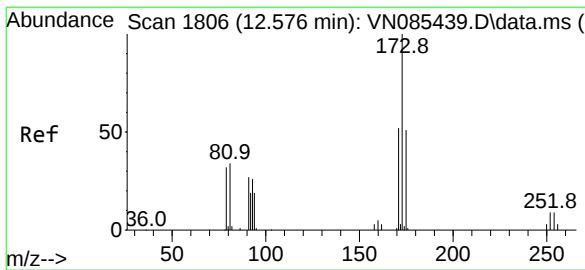
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#70  
Styrene  
Concen: 19.273 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Tgt Ion:104 Resp: 125359  
Ion Ratio Lower Upper  
104 100  
78 52.3 42.5 63.7  
103 55.5 43.8 65.8





#71

Bromoform

Concen: 18.362 ug/l

RT: 12.576 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

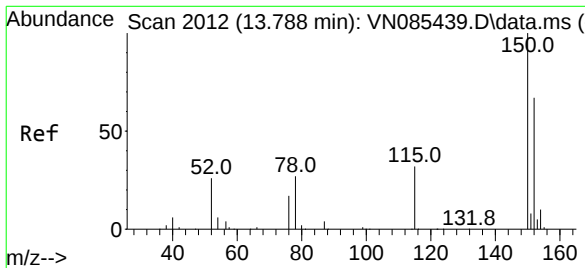
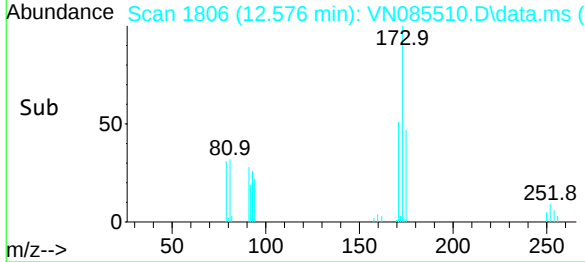
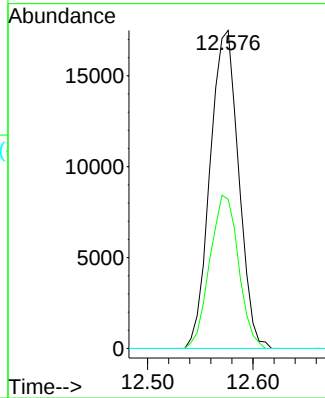
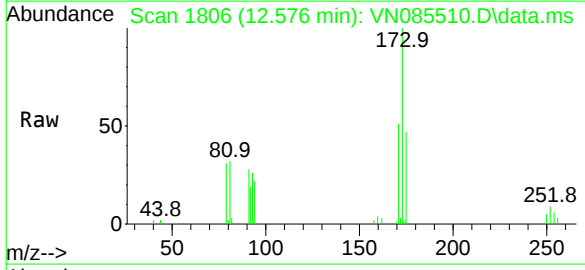
VN0121WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 32945 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.4  | 24.4  | 73.2  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

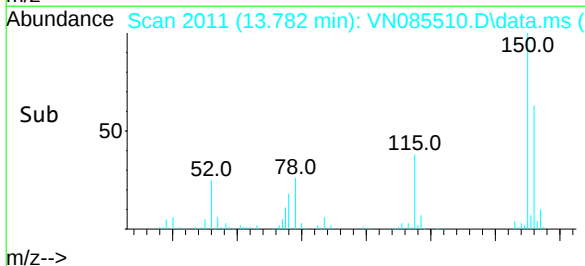
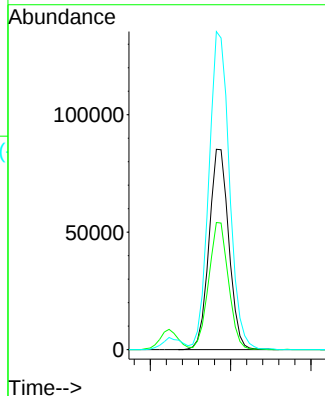
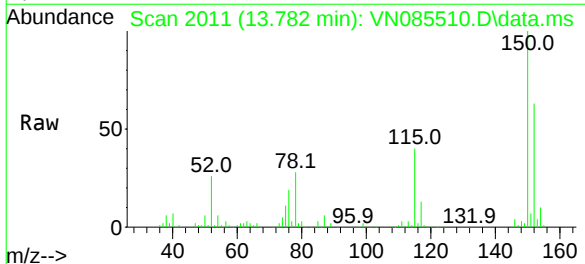
RT: 13.782 min Scan# 2011

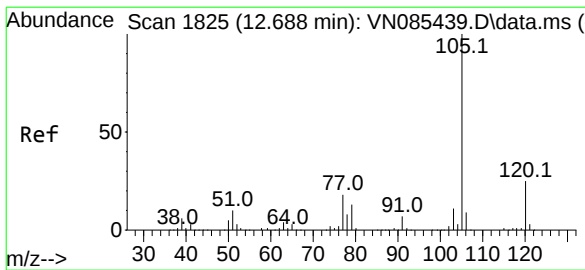
Delta R.T. -0.006 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 145446 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 63.4  | 31.1  | 93.3   |
| 150       | 165.4 | 0.0   | 343.6  |





#73

Isopropylbenzene

Concen: 19.364 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0121WBS01

Tgt Ion: 105 Resp: 190080

Ion Ratio Lower Upper

105 100

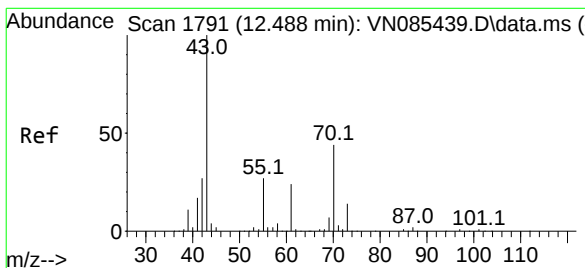
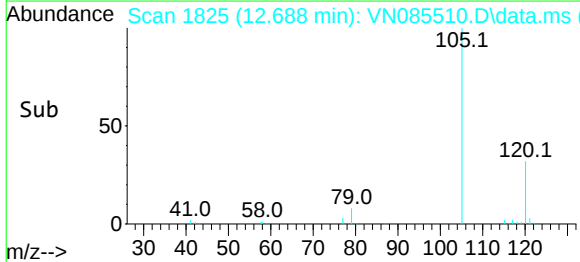
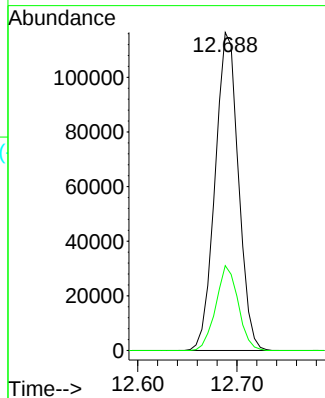
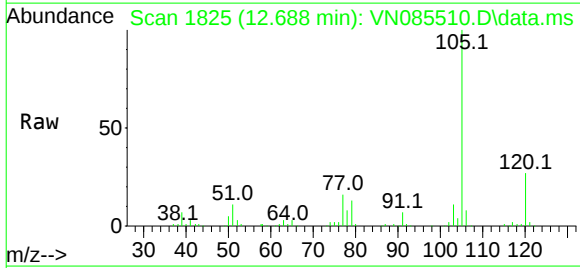
120 25.5 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#74

N-ethyl acetate

Concen: 17.185 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Tgt Ion: 43 Resp: 75825

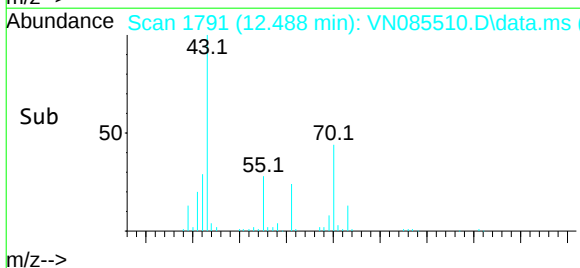
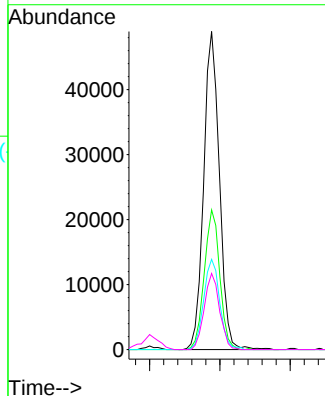
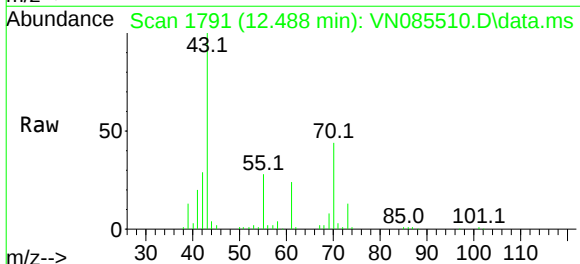
Ion Ratio Lower Upper

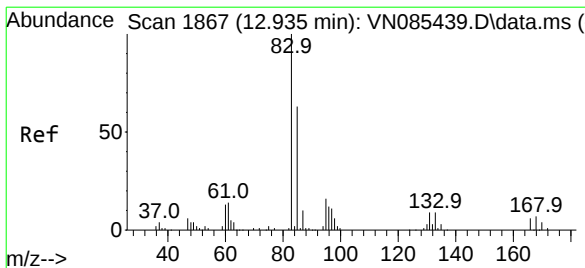
43 100

70 43.2 34.0 51.0

55 29.0 21.4 32.2

61 23.4 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.214 ug/l

RT: 12.929 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

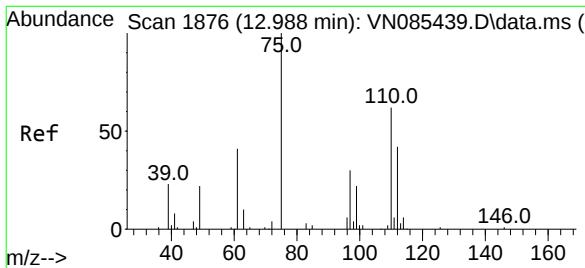
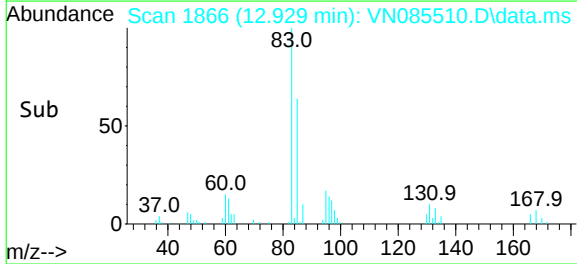
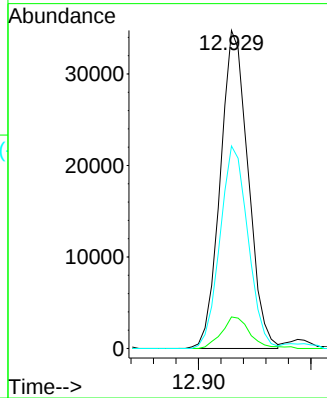
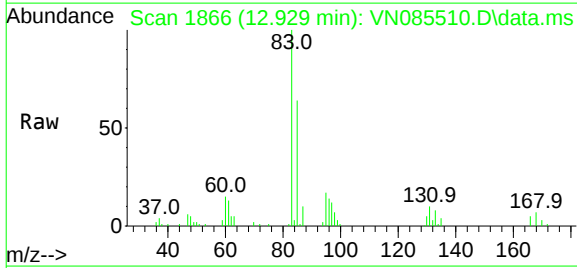
VN0121WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 59690 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.1  | 4.8   | 14.4  |
| 85       | 64.0  | 32.2  | 96.6  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#76

1,2,3-Trichloropropane

Concen: 17.302 ug/l m

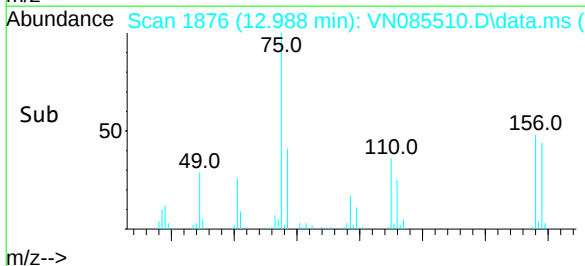
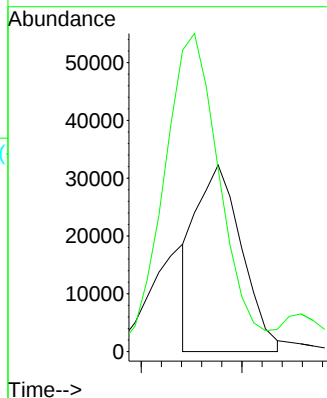
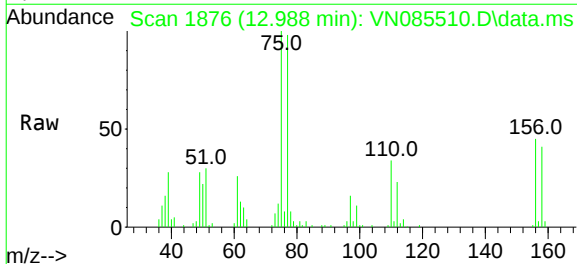
RT: 12.988 min Scan# 1876

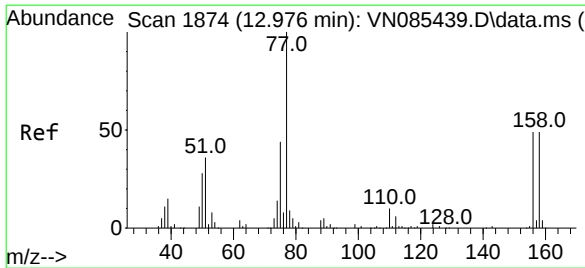
Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

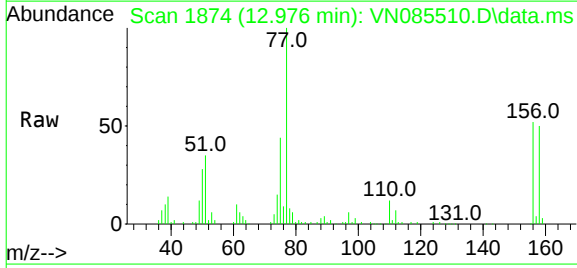
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 51150 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 209.0 | 109.7 | 329.2 |





#77  
Bromobenzene  
Concen: 19.044 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

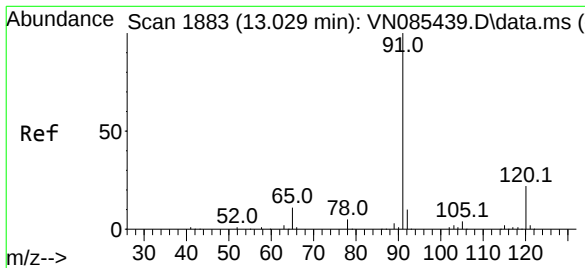
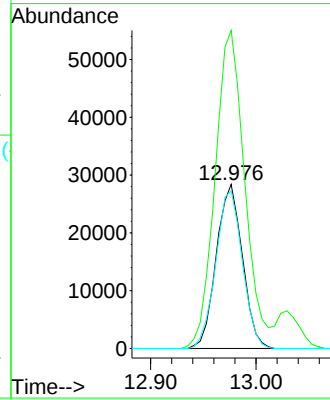
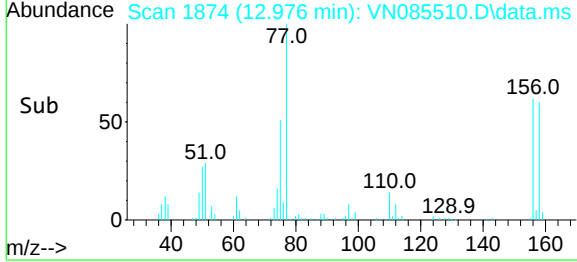
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01



Tgt Ion:156 Resp: 48842  
Ion Ratio Lower Upper  
156 100  
77 218.9 114.1 342.4  
158 97.8 48.9 146.8

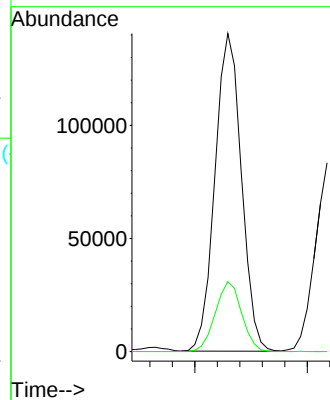
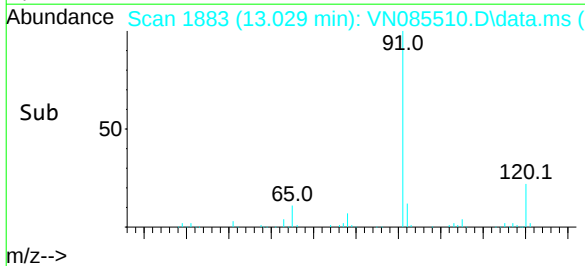
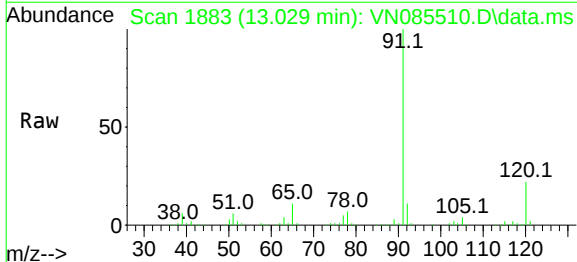
Manual Integrations  
APPROVED

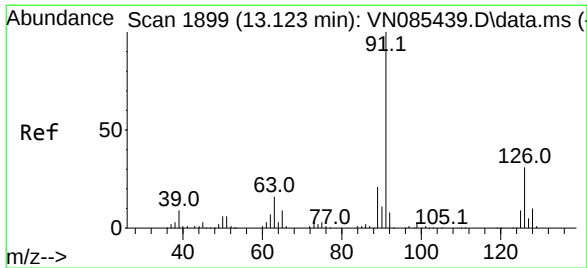
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#78  
n-propylbenzene  
Concen: 19.730 ug/l  
RT: 13.029 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Tgt Ion: 91 Resp: 229279  
Ion Ratio Lower Upper  
91 100  
120 21.8 10.9 32.6





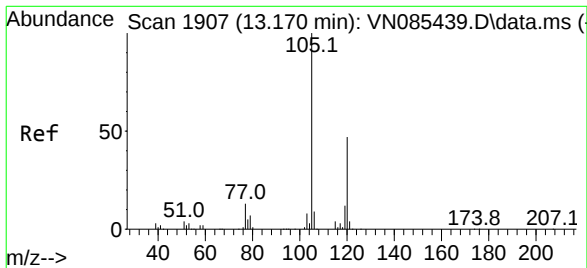
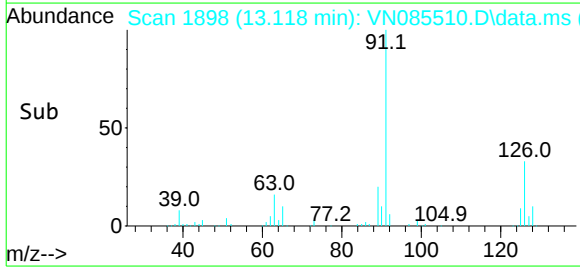
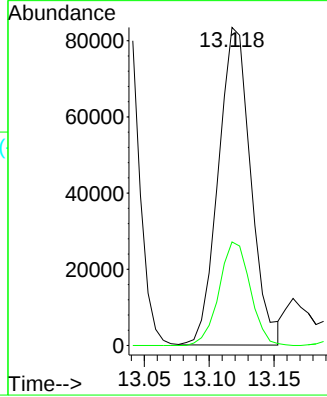
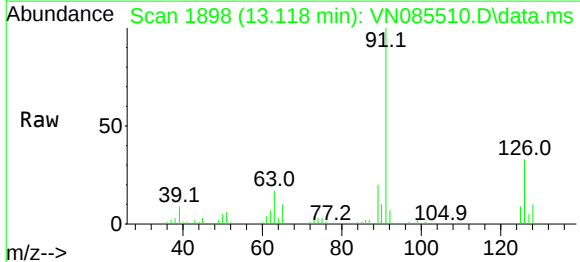
#79  
2-Chlorotoluene  
Concen: 19.311 ug/l  
RT: 13.118 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

Tgt Ion: 91 Resp: 145237  
Ion Ratio Lower Upper  
91 100  
126 31.3 15.7 47.1

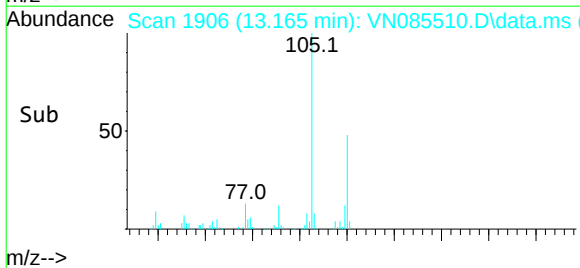
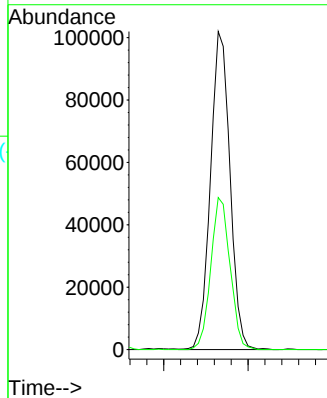
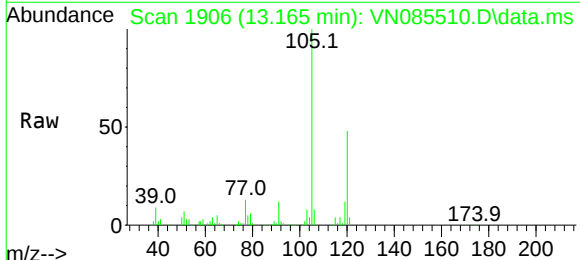
Manual Integrations  
APPROVED

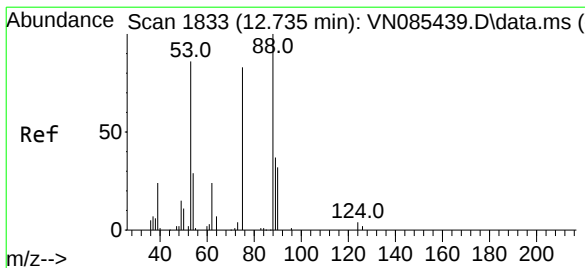
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#80  
1,3,5-Trimethylbenzene  
Concen: 20.225 ug/l  
RT: 13.165 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

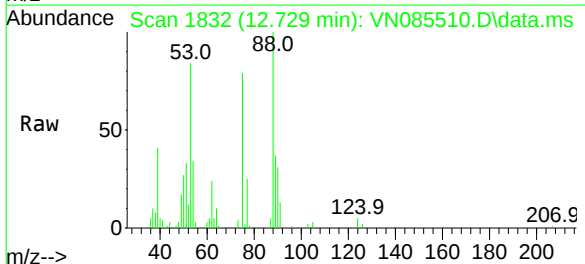
Tgt Ion:105 Resp: 163992  
Ion Ratio Lower Upper  
105 100  
120 47.2 23.9 71.7





#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.769 ug/l  
RT: 12.729 min Scan# 1833  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

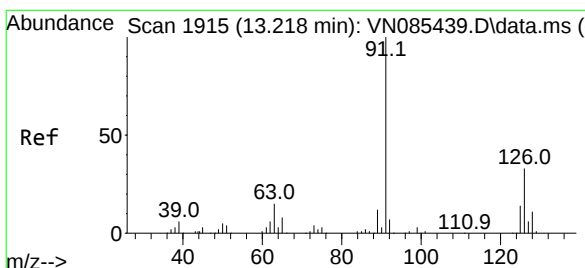
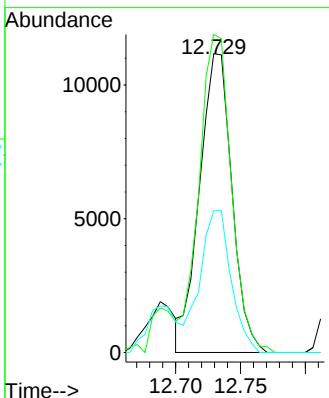
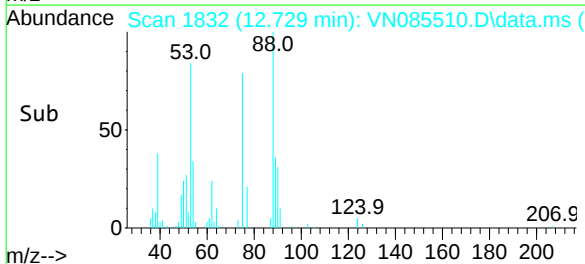
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01



Tgt Ion: 75 Resp: 19415  
Ion Ratio Lower Upper  
75 100  
53 105.9 95.6 143.4  
89 45.1 37.0 55.6

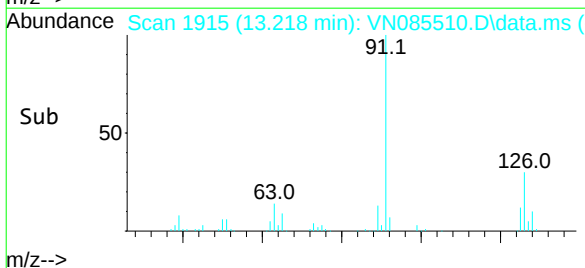
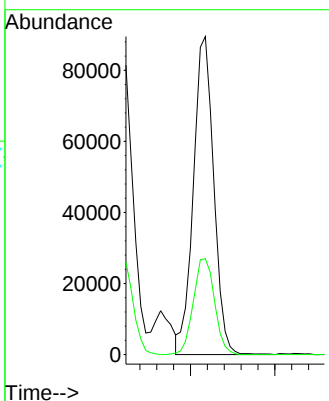
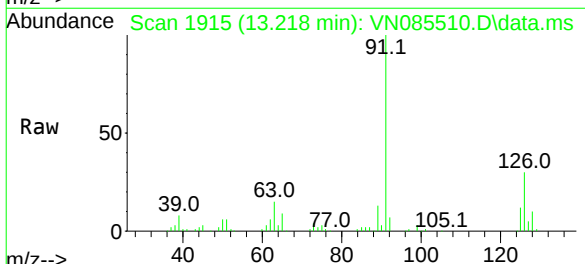
Manual Integrations  
APPROVED

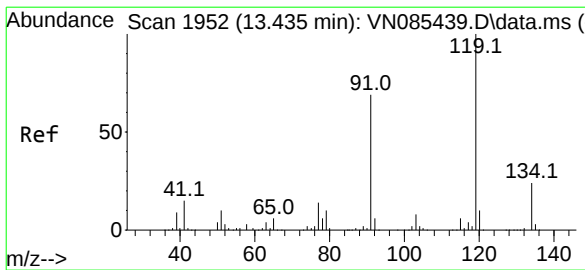
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#82  
4-Chlorotoluene  
Concen: 20.007 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

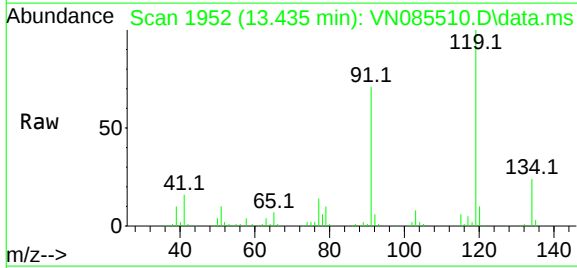
Tgt Ion: 91 Resp: 149822  
Ion Ratio Lower Upper  
91 100  
126 31.5 15.9 47.7





#83  
tert-Butylbenzene  
Concen: 19.318 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

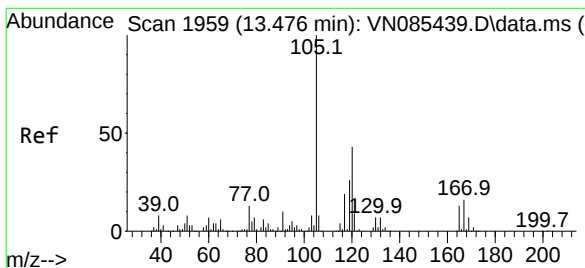
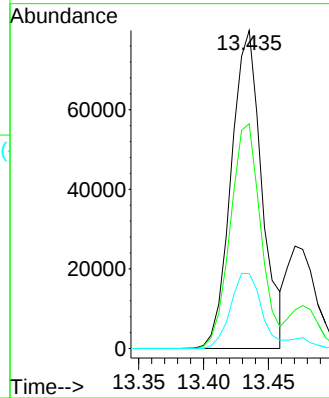
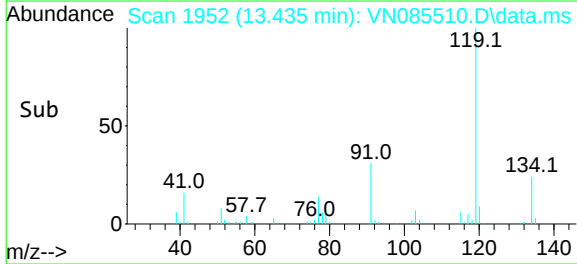
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01



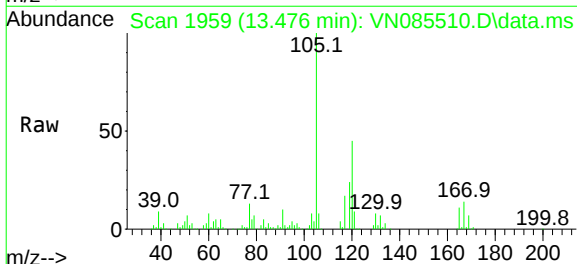
Tgt Ion:119 Resp: 131542  
Ion Ratio Lower Upper  
119 100  
91 70.1 35.1 105.3  
134 24.3 12.0 36.1

Manual Integrations  
APPROVED

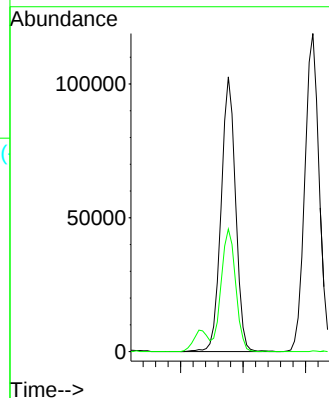
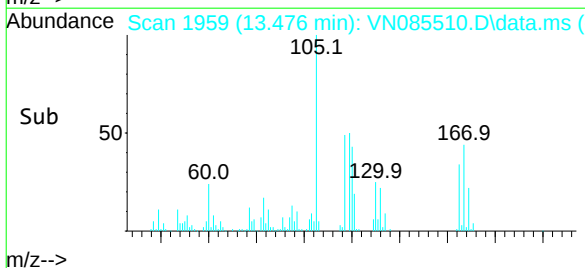
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025

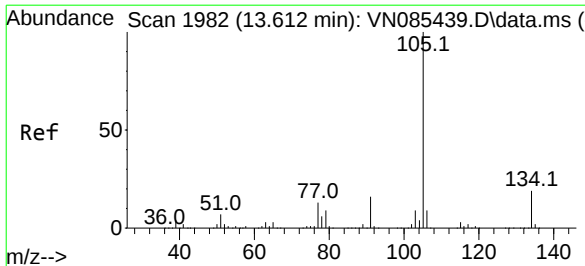


#84  
1,2,4-Trimethylbenzene  
Concen: 20.457 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09



Tgt Ion:105 Resp: 165323  
Ion Ratio Lower Upper  
105 100  
120 44.8 21.6 65.0





#85

sec-Butylbenzene

Concen: 19.998 ug/l

RT: 13.612 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

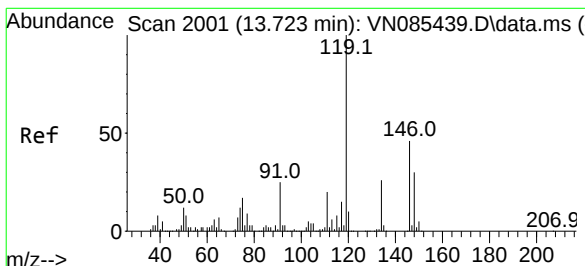
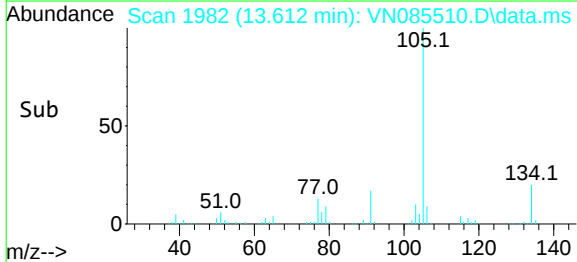
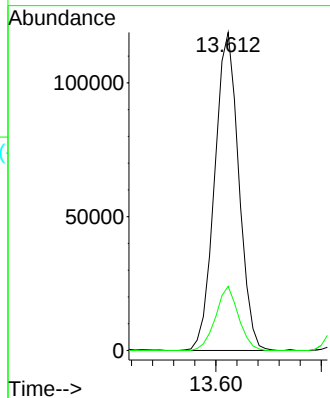
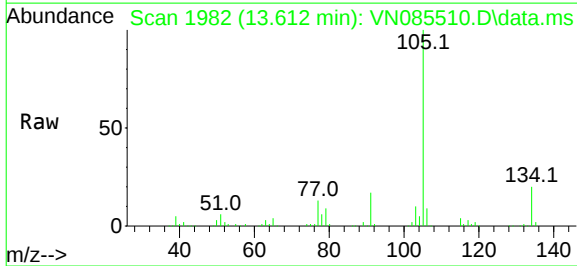
VN0121WBS01

Tgt Ion:105 Resp: 188724  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025  
 Supervised By :Semsettin Yesilyurt 01/22/2025



#86

p-Isopropyltoluene

Concen: 19.666 ug/l

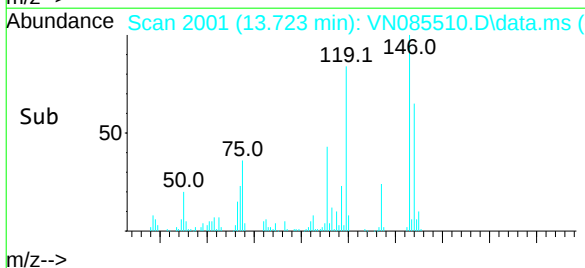
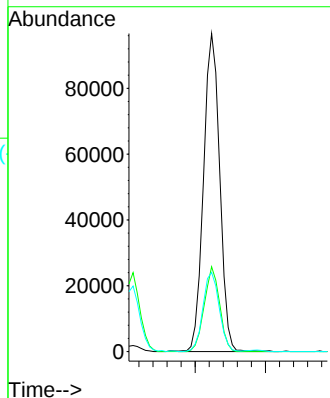
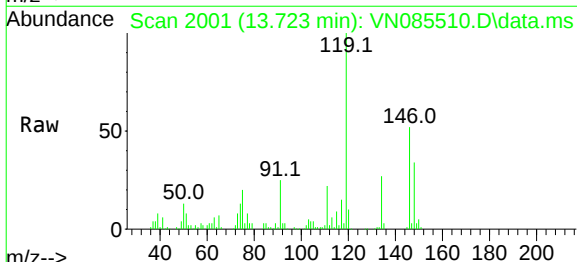
RT: 13.723 min Scan# 2001

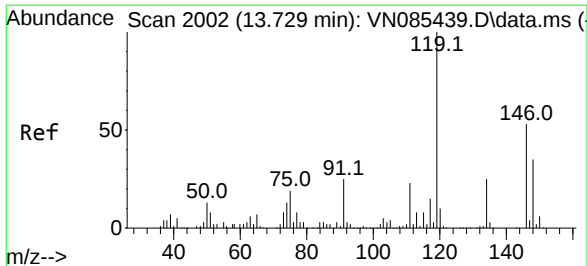
Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

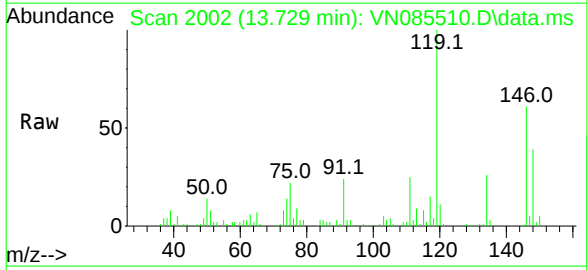
Tgt Ion:119 Resp: 154546  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 12.7 38.0  
 91 25.2 12.7 38.1





#87  
1,3-Dichlorobenzene  
Concen: 18.901 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

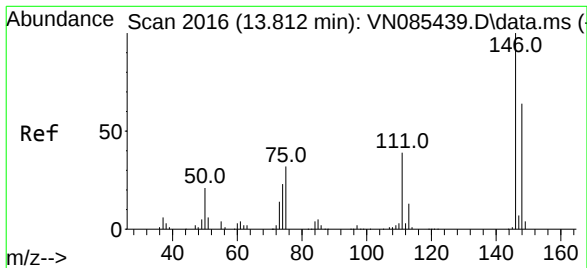
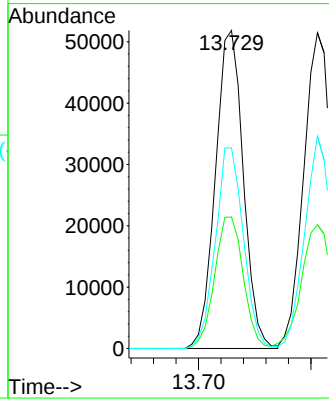
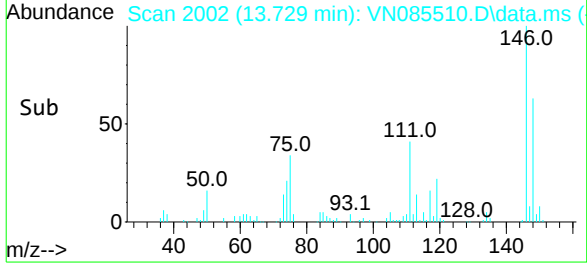
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 89272 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 42.5  | 21.4  | 64.3  |
| 148      | 63.4  | 32.3  | 96.9  |

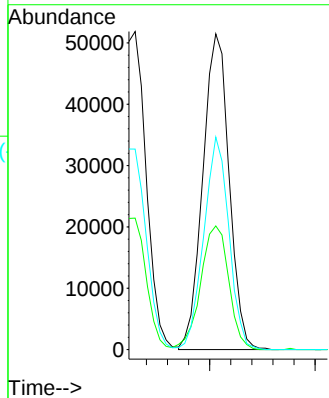
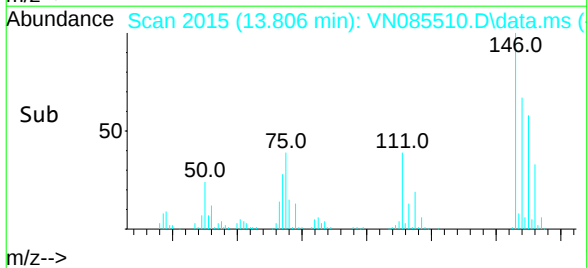
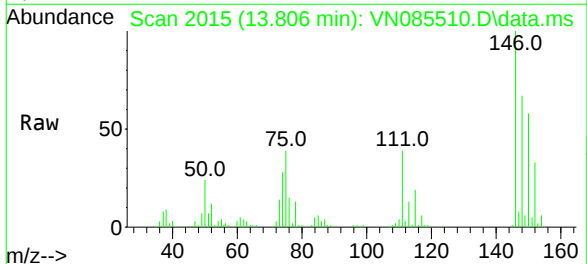
Manual Integrations  
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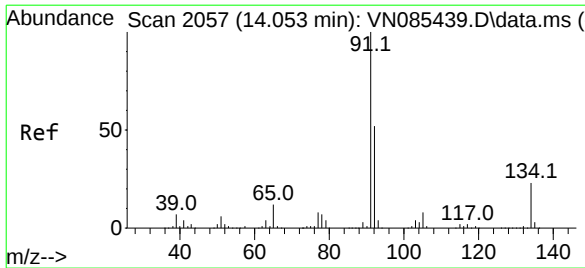
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#88  
1,4-Dichlorobenzene  
Concen: 18.216 ug/l  
RT: 13.806 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 89179 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 41.7  | 21.3  | 63.7  |
| 148      | 64.5  | 32.4  | 97.0  |





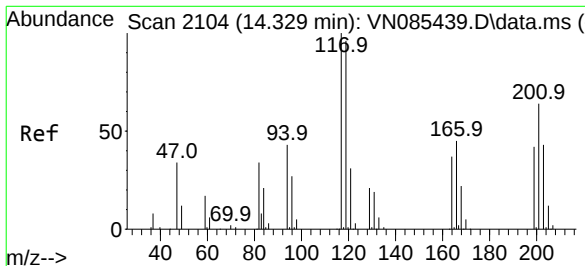
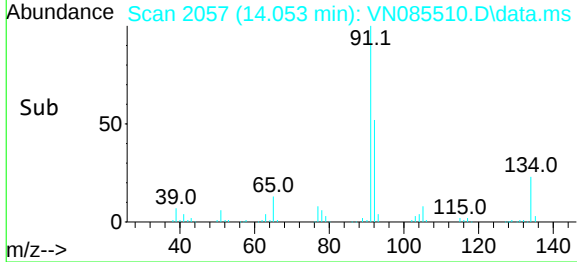
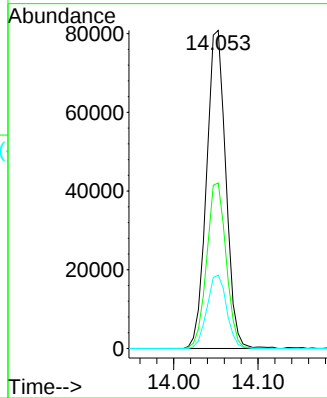
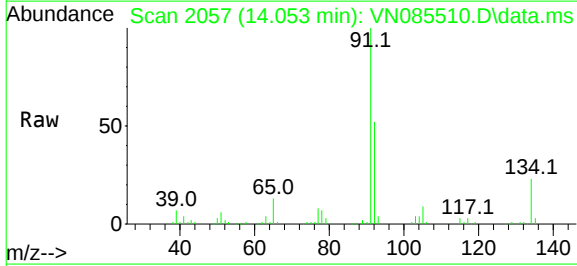
#89  
n-Butylbenzene  
Concen: 18.983 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0121WBS01

| Tgt Ion:  | 91    | Resp: | 128520 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 52.2  | 25.8  | 77.3   |
| 134       | 23.5  | 11.7  | 35.1   |

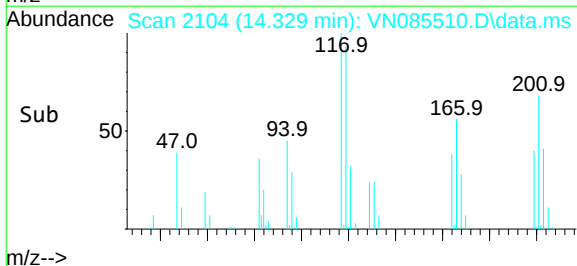
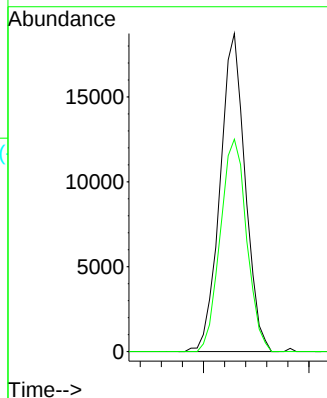
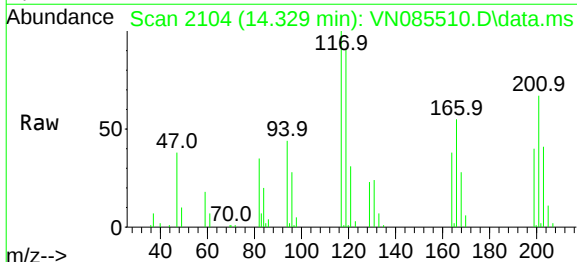
Manual Integrations  
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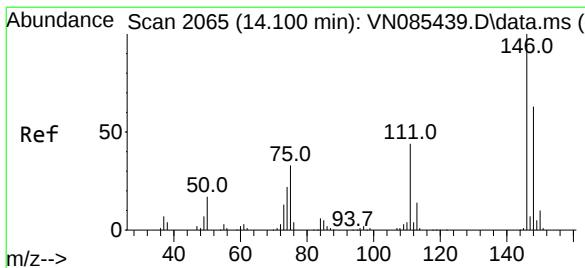
Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#90  
Hexachloroethane  
Concen: 17.262 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. 0.000 min  
Lab File: VN085510.D  
Acq: 21 Jan 2025 12:09

| Tgt Ion:  | 117   | Resp: | 31013 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 69.9  | 33.7  | 101.0 |





#91

1,2-Dichlorobenzene

Concen: 17.892 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN085510.D

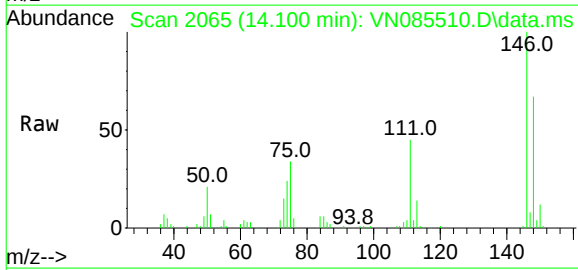
Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0121WBS01

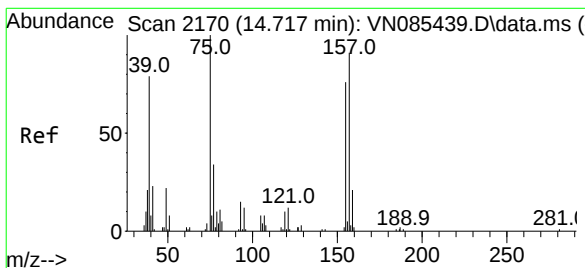
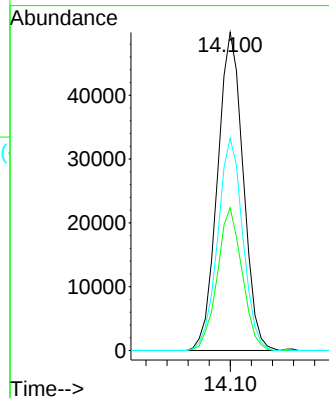
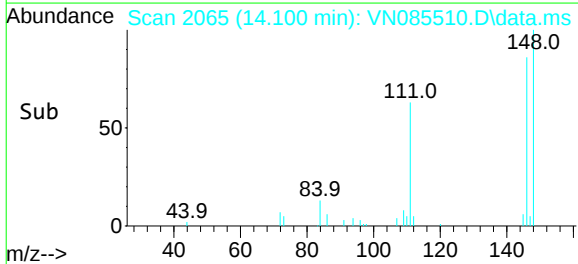


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 84292 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 43.3  | 21.7  | 65.1  |
| 148      | 65.3  | 31.4  | 94.2  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.676 ug/l

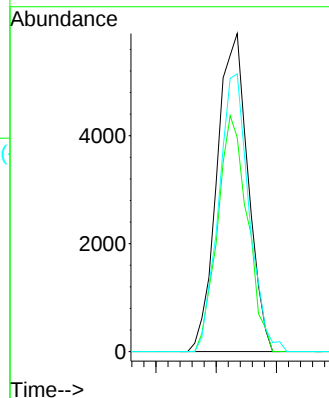
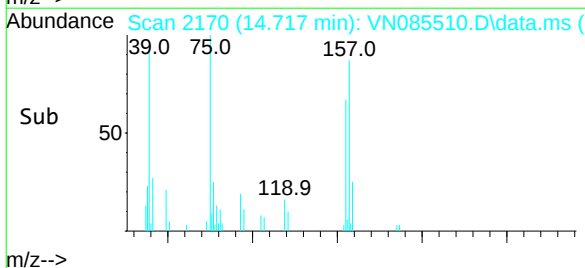
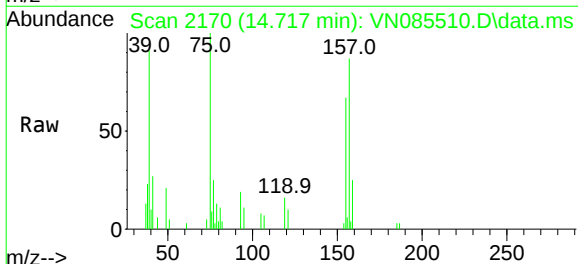
RT: 14.717 min Scan# 2170

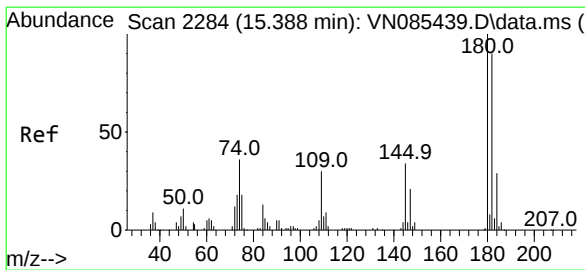
Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 10559 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 71.3  | 36.4  | 109.2 |
| 157      | 85.1  | 45.4  | 136.1 |





#93

1,2,4-Trichlorobenzene

Concen: 17.093 ug/l

RT: 15.382 min Scan# 2284

Delta R.T. -0.006 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0121WBS01

Tgt Ion:180 Resp: 37428

Ion Ratio Lower Upper

180 100

182 98.6 46.8 140.3

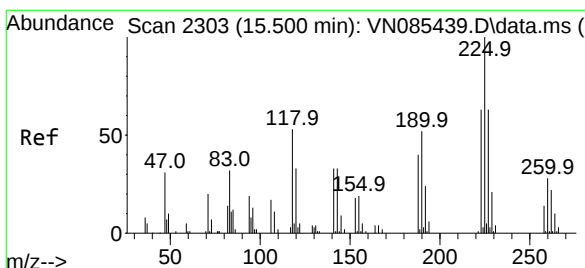
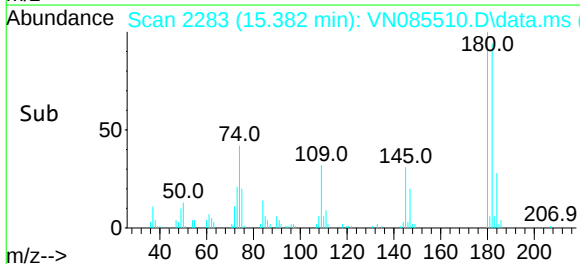
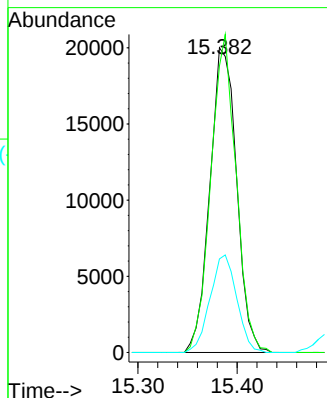
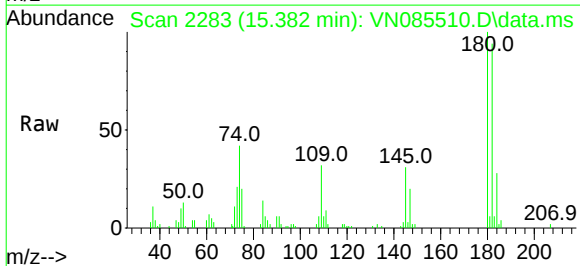
145 32.0 16.0 48.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#94

Hexachlorobutadiene

Concen: 18.528 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

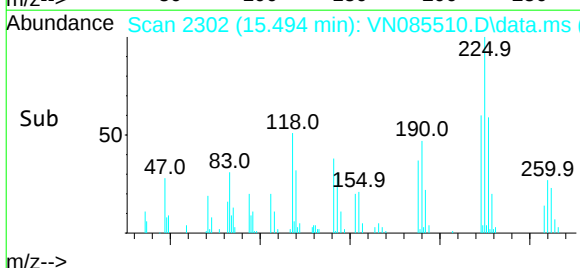
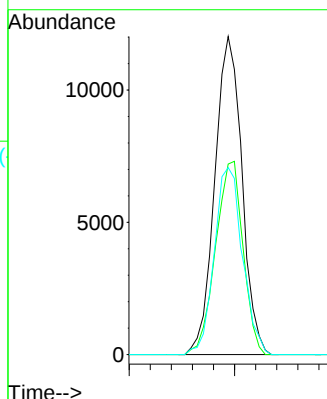
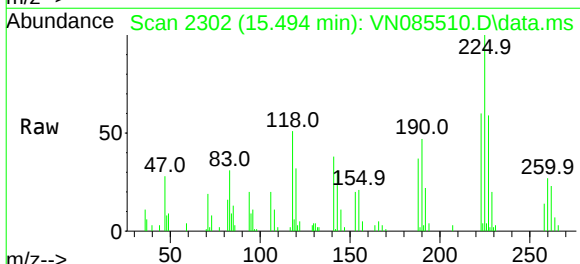
Tgt Ion:225 Resp: 21539

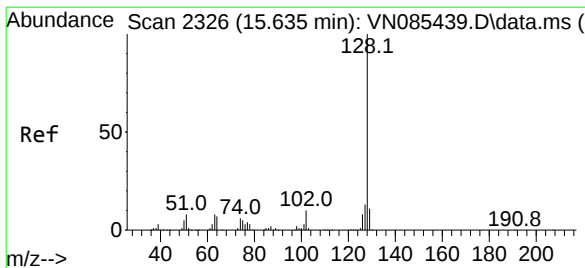
Ion Ratio Lower Upper

225 100

223 61.3 30.7 92.1

227 61.1 30.9 92.5





#95

Naphthalene

Concen: 14.810 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

Instrument :

MSVOA\_N

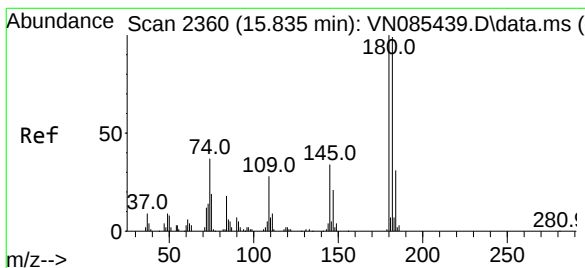
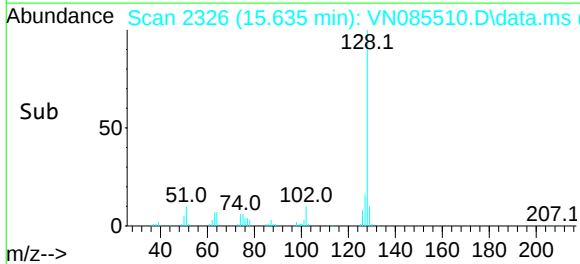
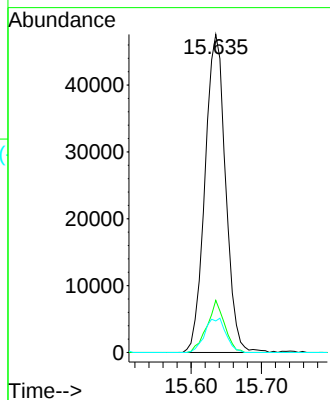
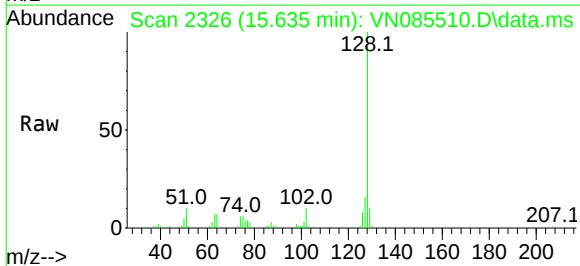
ClientSampleId :

VN0121WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 96766 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 14.0  | 10.6  | 16.0  |
| 129      | 11.1  | 8.8   | 13.2  |

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025  
Supervised By :Semsettin Yesilyurt 01/22/2025



#96

1,2,3-Trichlorobenzene

Concen: 16.918 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085510.D

Acq: 21 Jan 2025 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 37484 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 94.5  | 47.4  | 142.2 |
| 145      | 34.0  | 16.9  | 50.7  |

