

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011425\  
 Data File : VN085438.D  
 Acq On : 14 Jan 2025 14:56  
 Operator : JC\MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jan 15 01:41:17 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 01:28:51 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 01/15/2025  
 Supervised By : Mahesh Dadoda 01/15/2025

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.218  | 168  | 202613   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.094  | 114  | 329363   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 298938   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 146196   | 50.000 | ug/l  | 0.00     |

|                             |        |                |          |         |           |      |
|-----------------------------|--------|----------------|----------|---------|-----------|------|
| System Monitoring Compounds |        |                |          |         |           |      |
| 33) 1,2-Dichloroethane-d4   | 8.571  | 65             | 313645   | 95.899  | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range 74 - 125 | Recovery | =       | 191.800%# |      |
| 35) Dibromofluoromethane    | 8.159  | 113            | 236159   | 103.353 | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | =       | 206.700%# |      |
| 50) Toluene-d8              | 10.565 | 98             | 881956   | 108.636 | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range 86 - 113 | Recovery | =       | 217.280%# |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95             | 313161   | 112.765 | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range 77 - 121 | Recovery | =       | 225.520%# |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 269023  | 98.065  | ug/l   | 99  |
| 3) Chloromethane             | 2.359 | 50  | 275415  | 92.724  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.512 | 62  | 282361  | 94.576  | ug/l   | 99  |
| 5) Bromomethane              | 2.942 | 94  | 158888  | 88.105  | ug/l   | 98  |
| 6) Chloroethane              | 3.112 | 64  | 176111  | 93.043  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.494 | 101 | 423967  | 97.870  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.953 | 74  | 146889  | 98.154  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 239104  | 97.997  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.589 | 142 | 292983  | 104.856 | ug/l   | 95  |
| 11) Tert butyl alcohol       | 5.512 | 59  | 173044  | 462.061 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 222117  | 102.146 | ug/l   | 99  |
| 13) Acrolein                 | 4.171 | 56  | 275350  | 538.600 | ug/l   | 99  |
| 14) Allyl chloride           | 5.018 | 41  | 349717  | 99.111  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.712 | 53  | 585370  | 492.095 | ug/l   | 99  |
| 16) Acetone                  | 4.418 | 43  | 483221  | 457.268 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.712 | 76  | 630294  | 94.140  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.012 | 43  | 304226  | 94.674  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.788 | 73  | 743008  | 105.230 | ug/l   | 100 |
| 20) Methylene Chloride       | 5.271 | 84  | 254912  | 97.440  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 231503  | 99.618  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.665 | 45  | 820871  | 104.812 | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.594 | 43  | 3029568 | 550.850 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 471831  | 98.803  | ug/l   | 99  |
| 25) 2-Butanone               | 7.477 | 43  | 764979  | 491.912 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.482 | 77  | 388140  | 100.530 | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.482 | 96  | 280197  | 102.367 | ug/l   | 99  |
| 28) Bromochloromethane       | 7.806 | 49  | 214796  | 96.679  | ug/l   | 100 |
| 29) Tetrahydrofuran          | 7.830 | 42  | 503459  | 510.635 | ug/l   | 99  |
| 30) Chloroform               | 7.959 | 83  | 484941  | 98.253  | ug/l   | 100 |
| 31) Cyclohexane              | 8.253 | 56  | 398641  | 96.041  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 426782  | 98.578  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.365 | 75  | 342961  | 106.945 | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.553 | 43  | 326802  | 100.961 | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 378390  | 103.065 | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.594 | 83  | 371734  | 123.354 | ug/l   | 99  |
| 40) Benzene                  | 8.600 | 78  | 1021393 | 106.001 | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011425\  
 Data File : VN085438.D  
 Acq On : 14 Jan 2025 14:56  
 Operator : JC\MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jan 15 01:41:17 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 01:28:51 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 01/15/2025  
 Supervised By : Mahesh Dadoda 01/15/2025

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 184326   | 109.454  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 374938   | 103.314  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.682  | 43   | 549969   | 106.035  | ug/l   | 100      |
| 44) Trichloroethene           | 9.347  | 130  | 238296   | 106.242  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 256964   | 104.405  | ug/l   | 97       |
| 46) Dibromomethane            | 9.706  | 93   | 180990   | 101.913  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.882  | 83   | 388499   | 107.377  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.676  | 41   | 267689   | 114.685  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 83879    | 2133.992 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 1643800  | 546.159  | ug/l   | 100      |
| 52) Toluene                   | 10.623 | 92   | 634743   | 113.689  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.829 | 75   | 391238   | 114.424  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75   | 410403   | 112.369  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 229522   | 103.879  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.870 | 69   | 383663   | 101.029  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 412886   | 107.469  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.153 | 63   | 848636   | 605.243  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.194 | 43   | 1178831  | 556.643  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.353 | 129  | 283361   | 106.227  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 230104   | 104.623  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.100 | 164  | 209870   | 102.980  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.888 | 112  | 677679   | 103.482  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 241593   | 100.517  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.959 | 91   | 1239080  | 116.169  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.070 | 106  | 927244   | 235.219  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 441279   | 117.135  | ug/l   | 100      |
| 70) Styrene                   | 12.406 | 104  | 760136   | 121.919  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 186124   | 108.227  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 1146752  | 116.221  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.488 | 43   | 489217   | 110.308  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 327767   | 94.039   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 310115m  | 104.530  | ug/l   |          |
| 77) Bromobenzene              | 12.976 | 156  | 268616   | 104.200  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.029 | 91   | 1385353  | 118.600  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 822258   | 108.767  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 953066   | 116.938  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 122508   | 111.544  | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 832317   | 110.574  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 797069   | 116.457  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 971729   | 119.625  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.611 | 105  | 1143885  | 120.587  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 960747   | 100.111  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 502960   | 105.943  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 498709   | 101.341  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.053 | 91   | 842368   | 123.781  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.329 | 117  | 188541   | 104.405  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.100 | 146  | 470919   | 99.445   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 63846    | 100.313  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 250787   | 113.946  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 112899   | 96.619   | ug/l   | 99       |
| 95) Naphthalene               | 15.635 | 128  | 756816   | 115.234  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 238860   | 107.256  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011425\  
Data File : VN085438.D  
Acq On : 14 Jan 2025 14:56  
Operator : JC\MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Manual Integrations  
APPROVED

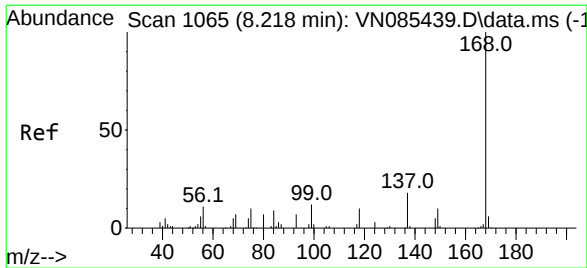
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025

Quant Time: Jan 15 01:41:17 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 15 01:28:51 2025  
Response via : Initial Calibration

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

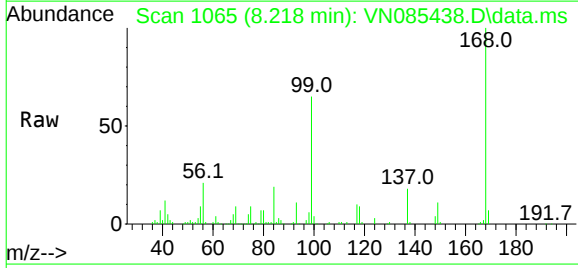
-----  
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

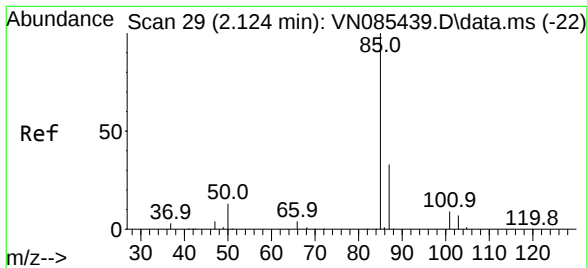
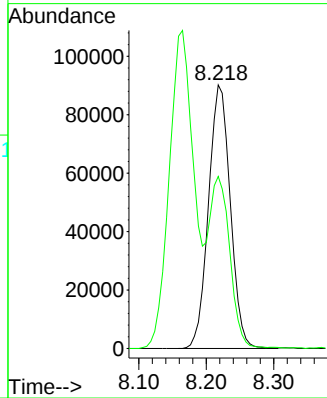
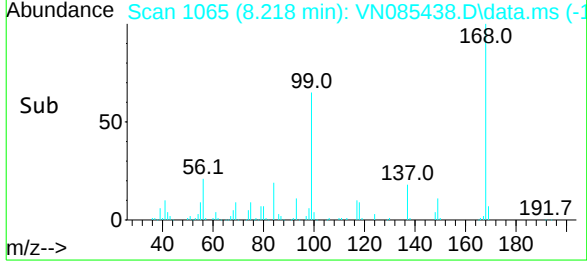
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion: 168 Resp: 202613  
Ion Ratio Lower Upper  
168 100  
99 64.9 53.6 80.4

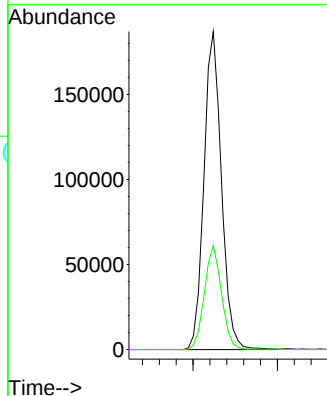
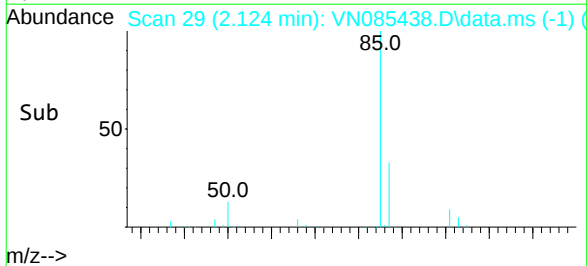
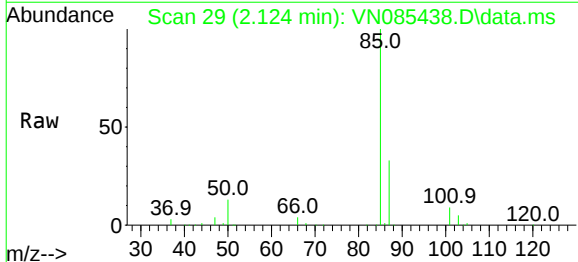
Manual Integrations  
APPROVED

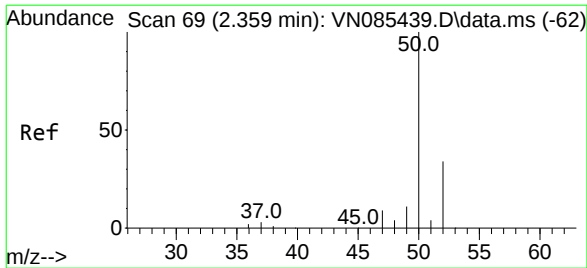
Reviewed By : John Carlone 01/15/2025  
Supervised By : Mahesh Dadoda 01/15/2025



#2  
Dichlorodifluoromethane  
Concen: 98.065 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

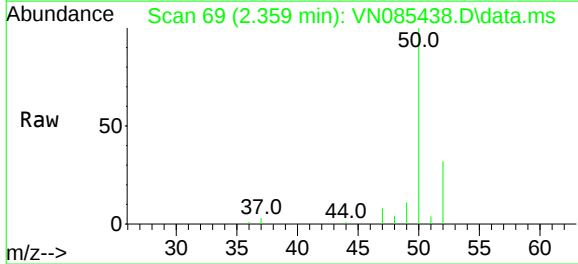
Tgt Ion: 85 Resp: 269023  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.7 50.1





#3  
Chloromethane  
Concen: 92.724 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

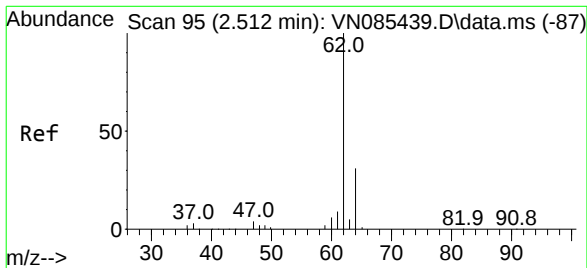
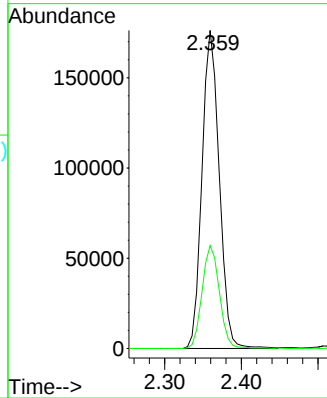
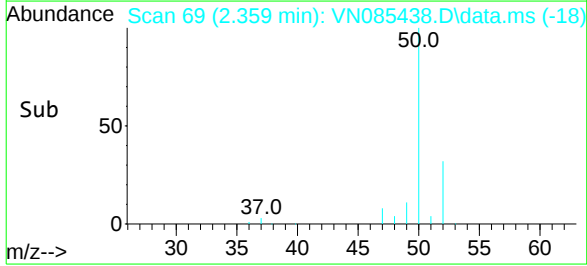
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion: 50 Resp: 275415  
Ion Ratio Lower Upper  
50 100  
52 32.4 27.0 40.6

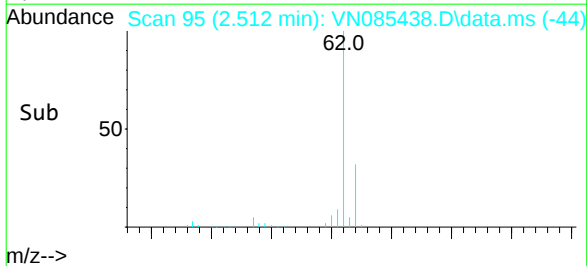
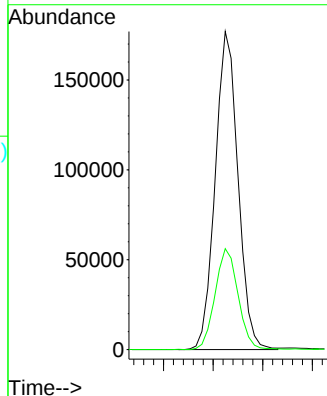
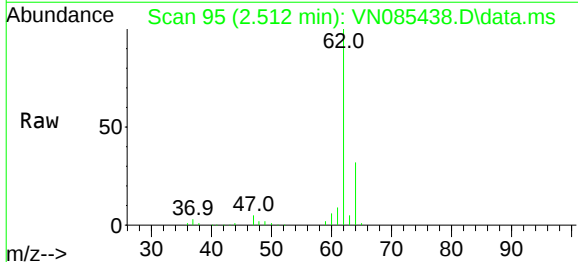
Manual Integrations  
APPROVED

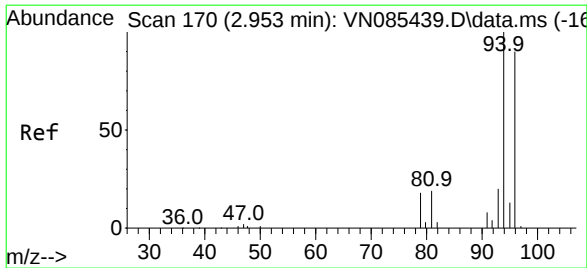
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#4  
Vinyl Chloride  
Concen: 94.576 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 62 Resp: 282361  
Ion Ratio Lower Upper  
62 100  
64 31.6 24.8 37.2





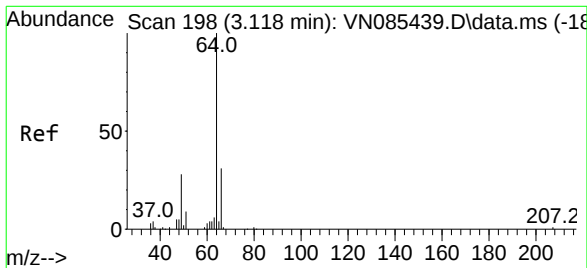
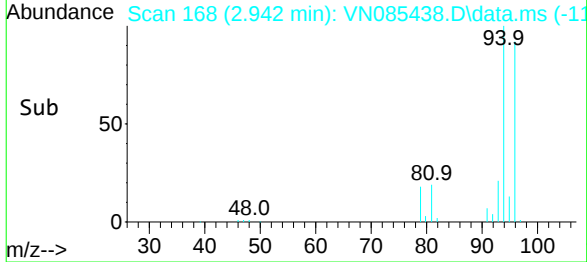
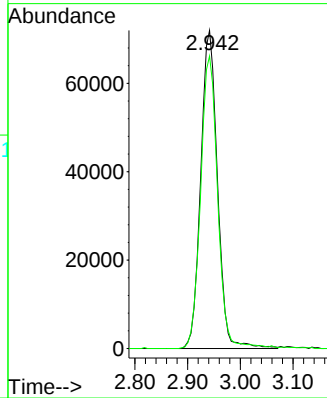
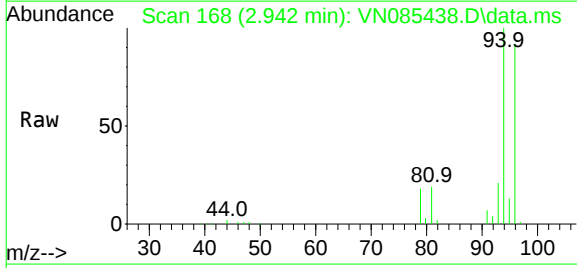
#5  
Bromomethane  
Concen: 88.105 ug/l  
RT: 2.942 min Scan# 16  
Delta R.T. -0.012 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 94 Resp: 158888  
Ion Ratio Lower Upper  
94 100  
96 91.9 71.8 107.6

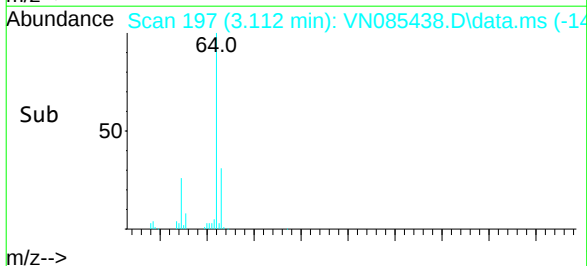
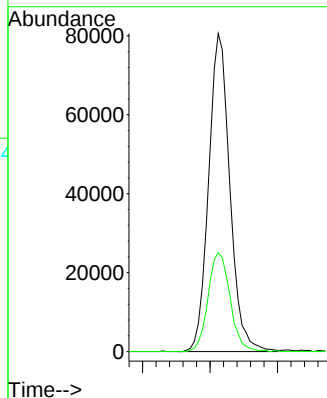
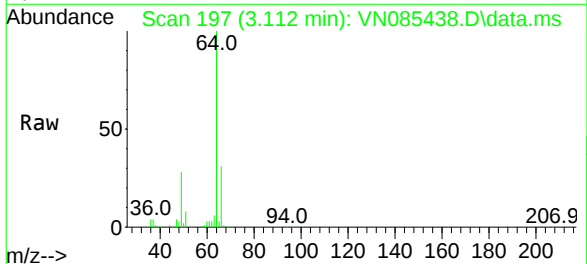
Manual Integrations  
APPROVED

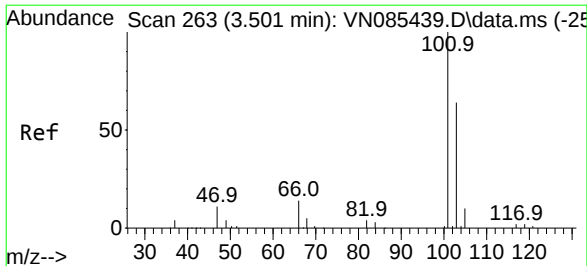
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#6  
Chloroethane  
Concen: 93.043 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. -0.006 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 64 Resp: 176111  
Ion Ratio Lower Upper  
64 100  
66 31.1 24.6 36.8





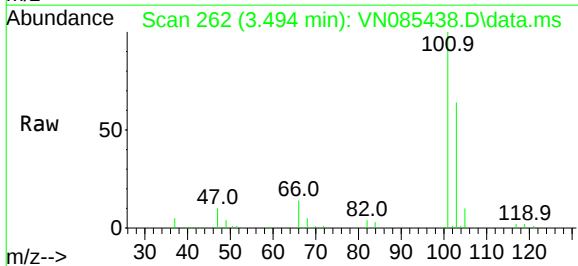
#7  
 Trichlorofluoromethane  
 Concen: 97.870 ug/l  
 RT: 3.494 min Scan# 263  
 Delta R.T. -0.006 min  
 Lab File: VN085438.D  
 Acq: 14 Jan 2025 14:56

Instrument :

MSVOA\_N

ClientSampleId :

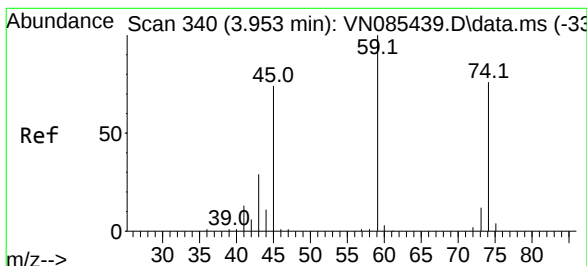
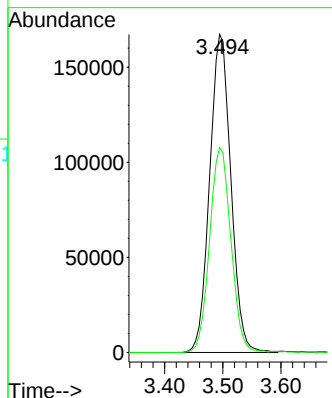
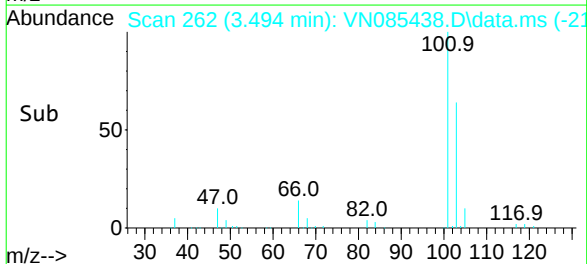
VSTDICC100



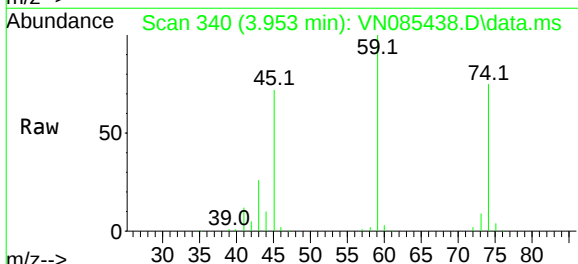
Tgt Ion:101 Resp: 423967  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 51.4 77.2

Manual Integrations  
 APPROVED

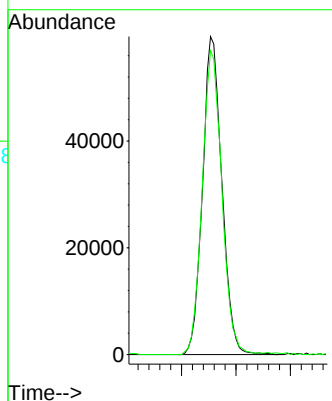
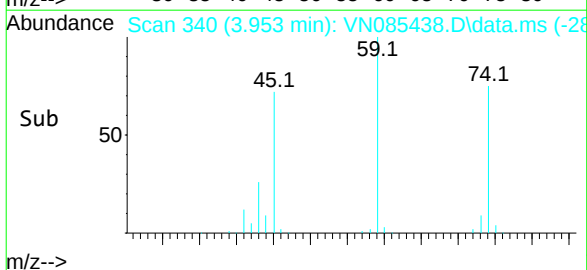
Reviewed By :John Carlone 01/15/2025  
 Supervised By :Mahesh Dadoda 01/15/2025

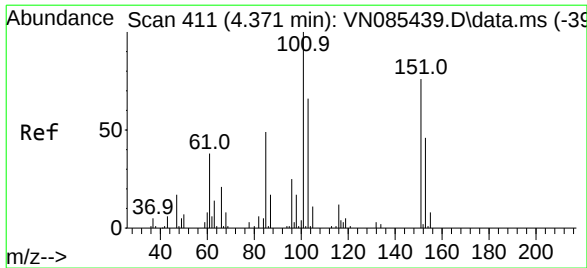


#8  
 Diethyl Ether  
 Concen: 98.154 ug/l  
 RT: 3.953 min Scan# 340  
 Delta R.T. -0.000 min  
 Lab File: VN085438.D  
 Acq: 14 Jan 2025 14:56



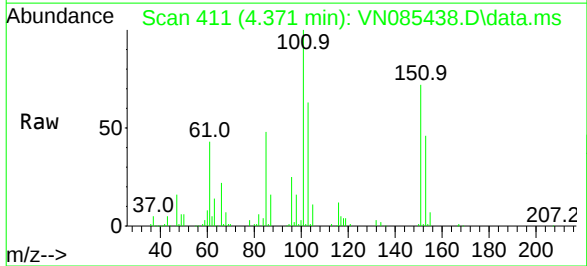
Tgt Ion: 74 Resp: 146889  
 Ion Ratio Lower Upper  
 74 100  
 45 97.4 49.7 149.1





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 97.997 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

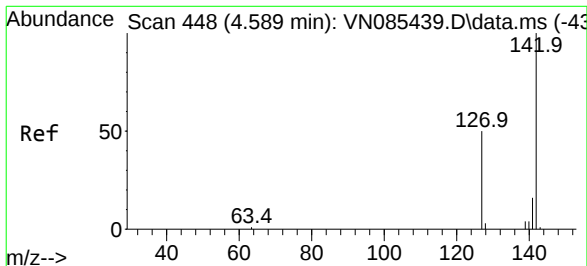
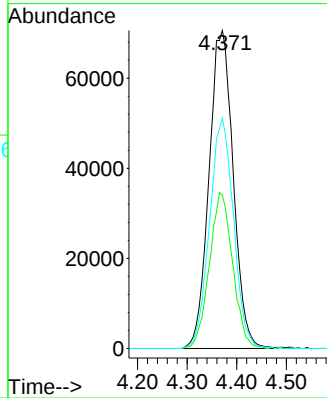
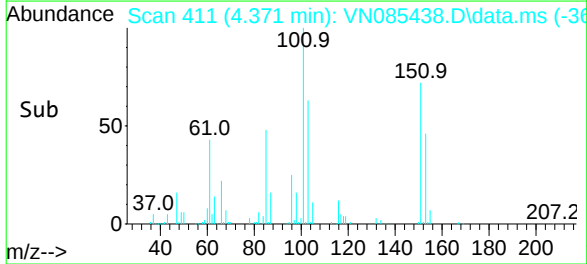
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



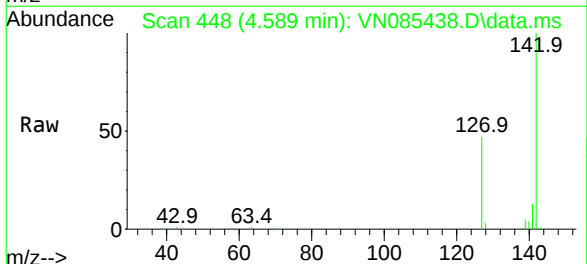
Tgt Ion:101 Resp: 239104  
Ion Ratio Lower Upper  
101 100  
85 47.1 37.8 56.8  
151 71.8 58.8 88.2

Manual Integrations  
APPROVED

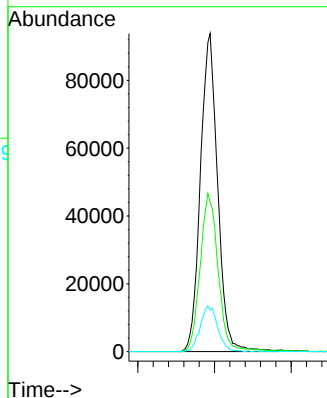
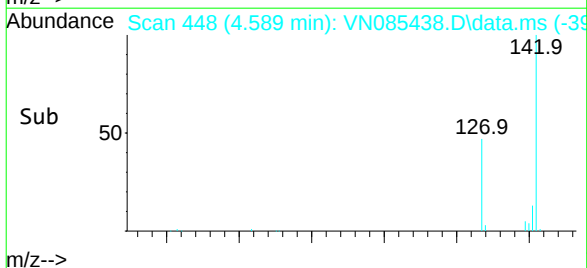
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025

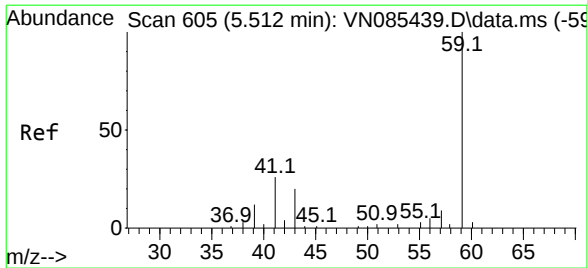


#10  
Methyl Iodide  
Concen: 104.856 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56



Tgt Ion:142 Resp: 292983  
Ion Ratio Lower Upper  
142 100  
127 47.1 40.3 60.5  
141 13.1 12.8 19.2





#11

Tert butyl alcohol

Concen: 462.061 ug/l

RT: 5.512 min Scan# 605

Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

Tgt Ion: 59 Resp: 173044

Ion Ratio Lower Upper

59 100

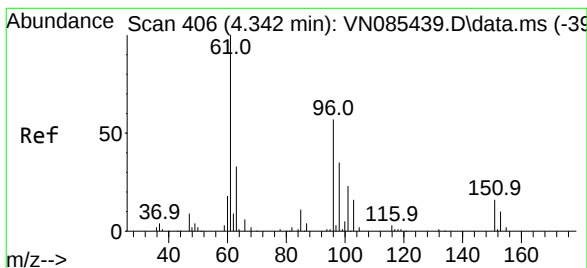
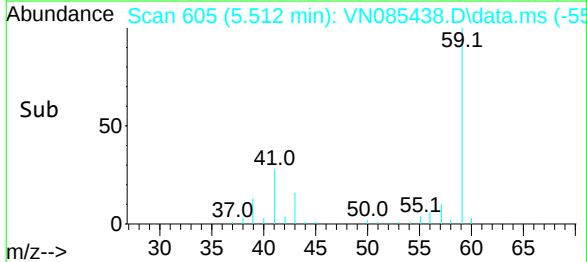
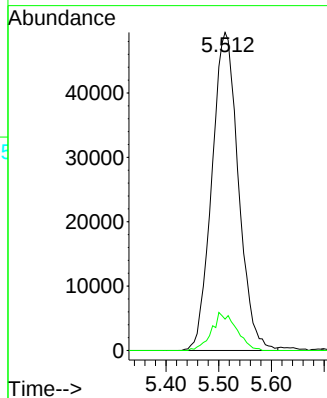
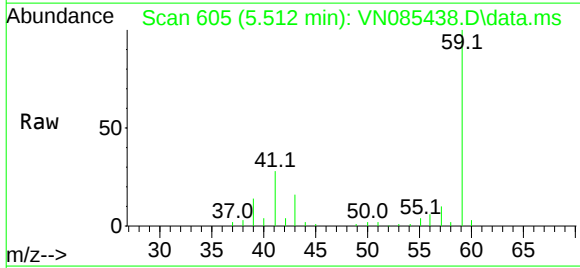
57 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#12

1,1-Dichloroethene

Concen: 102.146 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

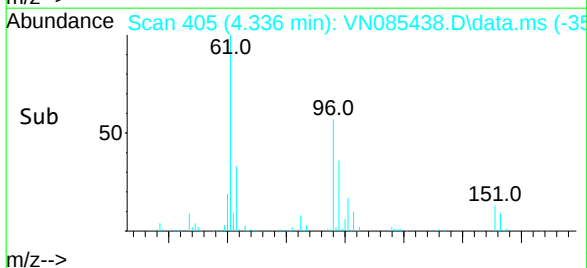
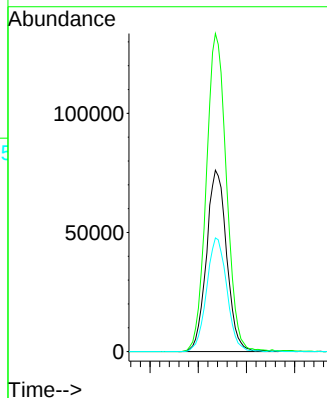
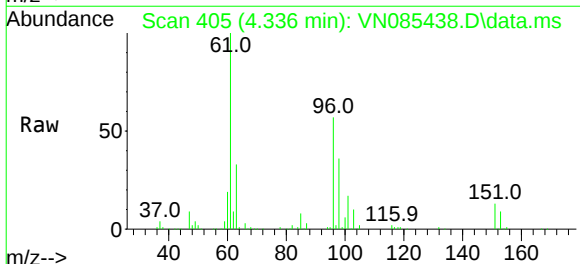
Tgt Ion: 96 Resp: 222117

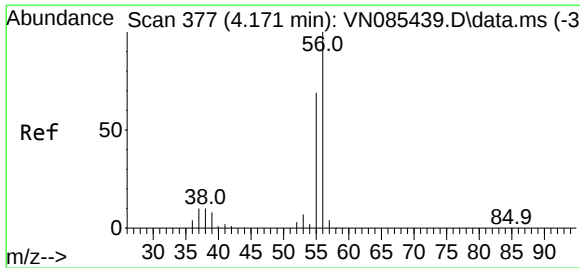
Ion Ratio Lower Upper

96 100

61 175.3 141.0 211.4

98 62.7 49.0 73.6





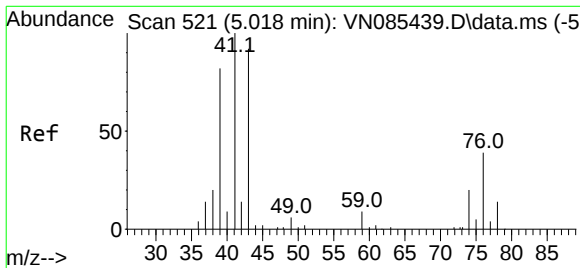
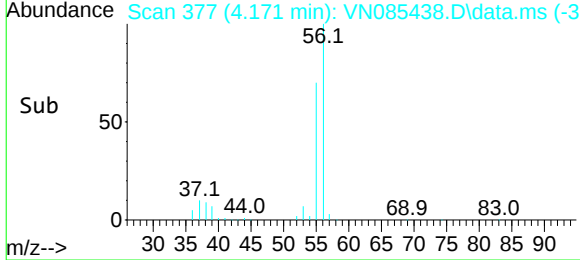
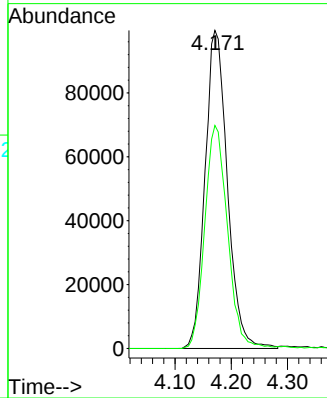
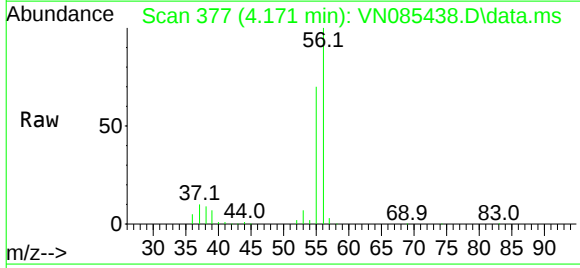
#13  
Acrolein  
Concen: 538.600 ug/l  
RT: 4.171 min Scan# 37  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 56 Resp: 275350  
Ion Ratio Lower Upper  
56 100  
55 71.1 56.3 84.5

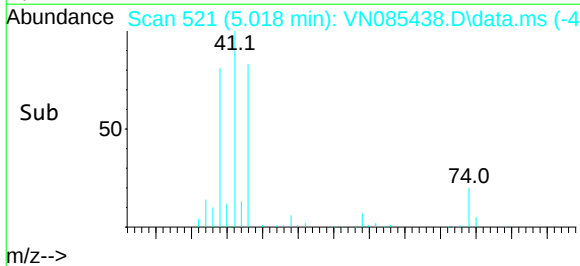
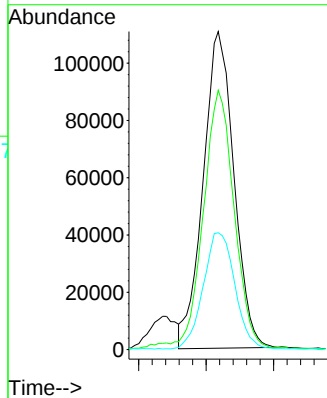
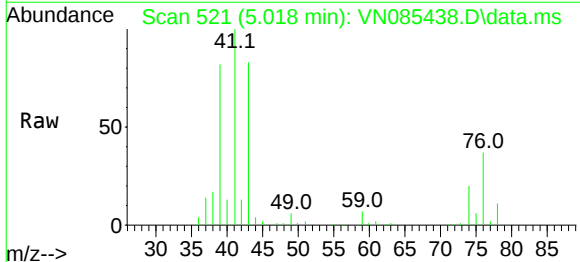
Manual Integrations  
APPROVED

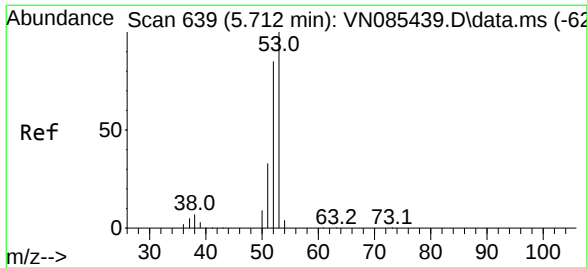
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#14  
Allyl chloride  
Concen: 99.111 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 41 Resp: 349717  
Ion Ratio Lower Upper  
41 100  
39 83.3 64.4 96.6  
76 37.9 30.5 45.7





#15

Acrylonitrile

Concen: 492.095 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

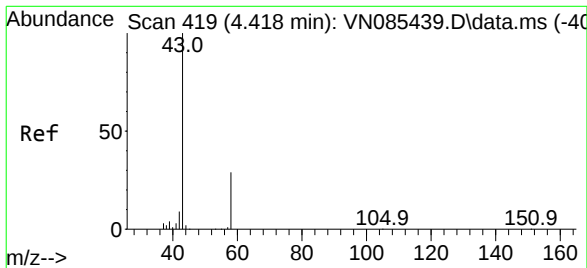
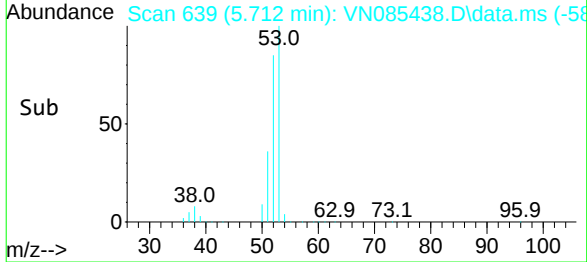
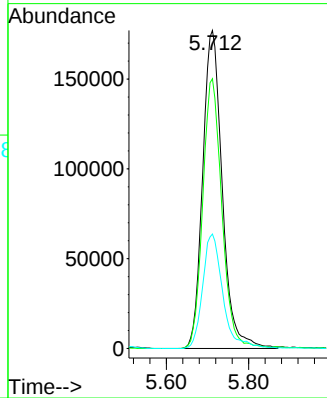
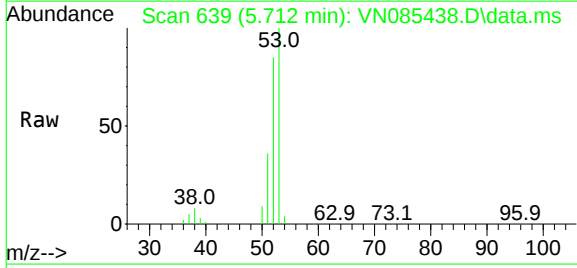
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 585370 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.0  | 65.5  | 98.3   |
| 51       | 37.1  | 29.8  | 44.8   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#16

Acetone

Concen: 457.268 ug/l

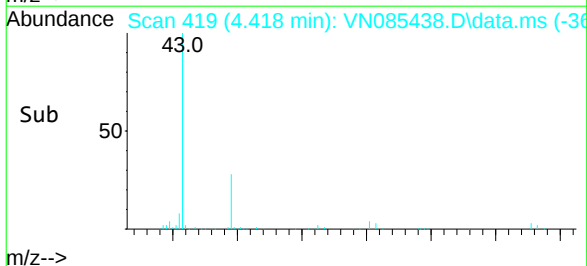
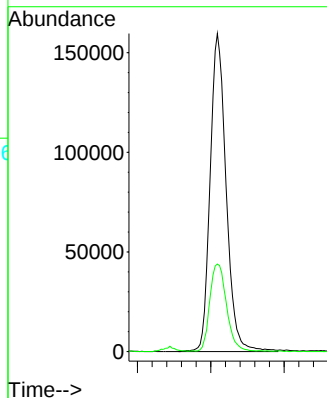
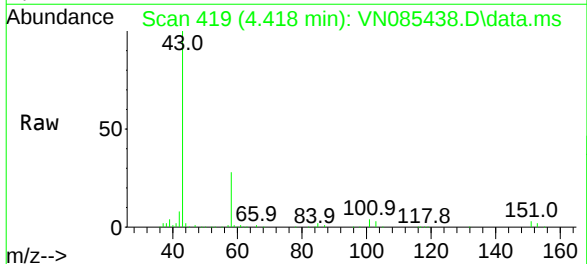
RT: 4.418 min Scan# 419

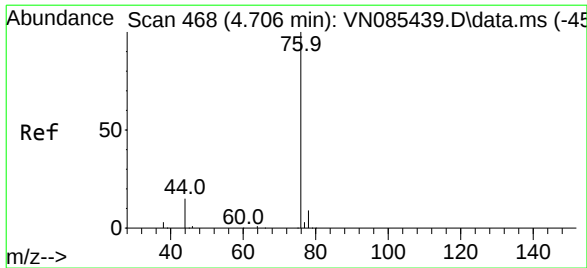
Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 483221 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 27.3  | 23.8  | 35.6   |





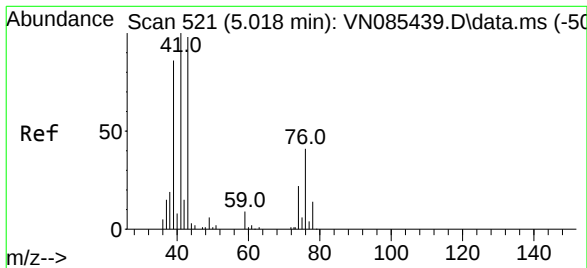
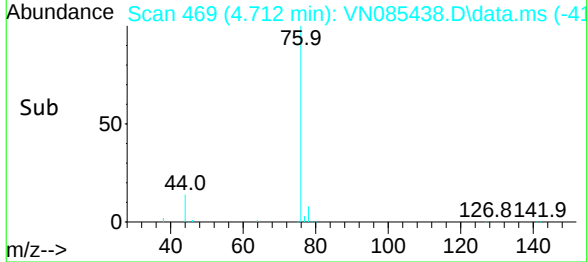
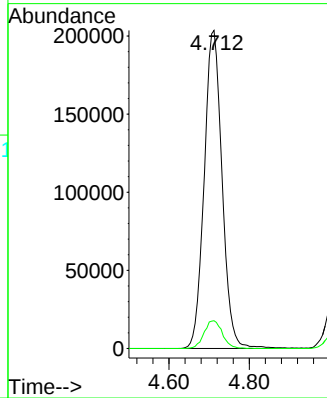
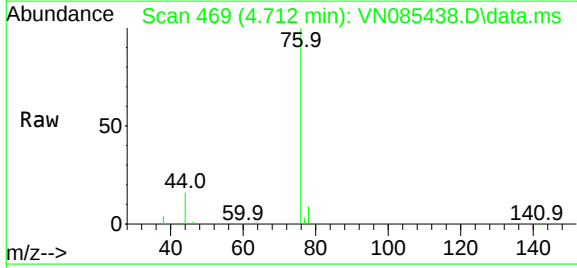
#17  
Carbon Disulfide  
Concen: 94.140 ug/l  
RT: 4.712 min Scan# 468  
Delta R.T. 0.006 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 76 Resp: 630294  
Ion Ratio Lower Upper  
76 100  
78 8.7 6.9 10.3

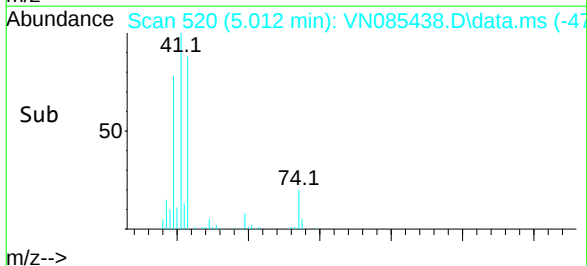
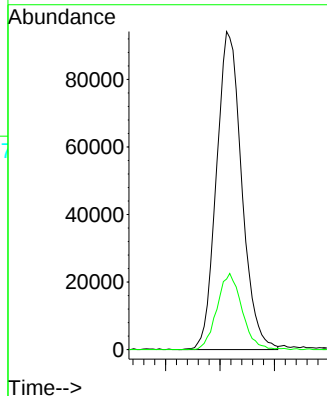
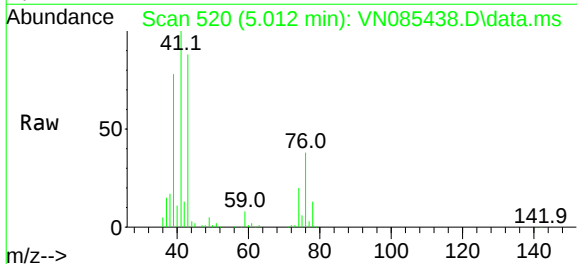
Manual Integrations  
APPROVED

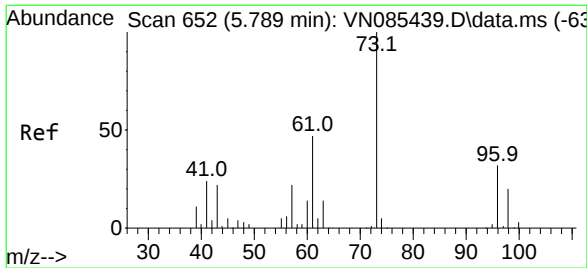
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#18  
Methyl Acetate  
Concen: 94.674 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. -0.006 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 43 Resp: 304226  
Ion Ratio Lower Upper  
43 100  
74 23.6 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 105.230 ug/l

RT: 5.788 min Scan# 65

Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

Tgt Ion: 73 Resp: 743008

Ion Ratio Lower Upper

73 100

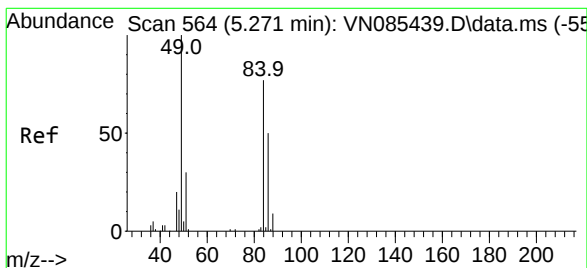
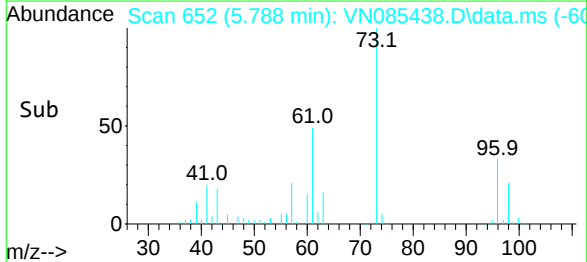
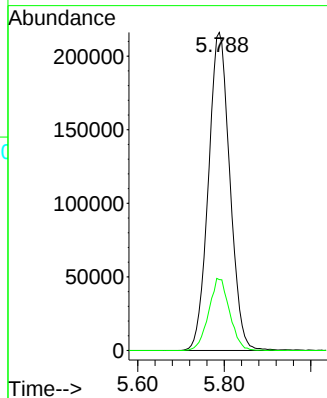
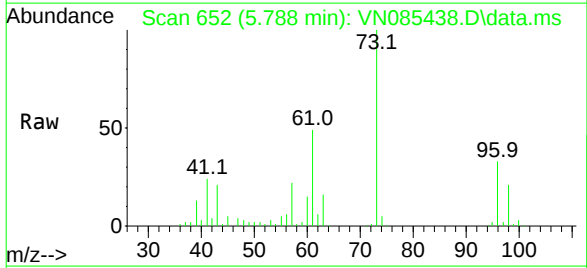
57 22.3 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#20

Methylene Chloride

Concen: 97.440 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

Tgt Ion: 84 Resp: 254912

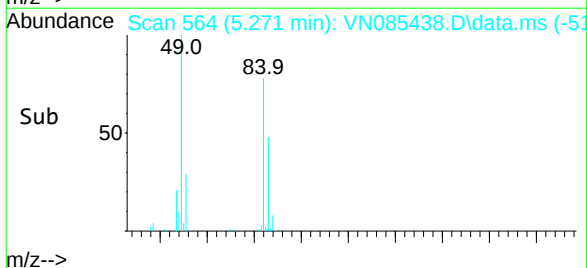
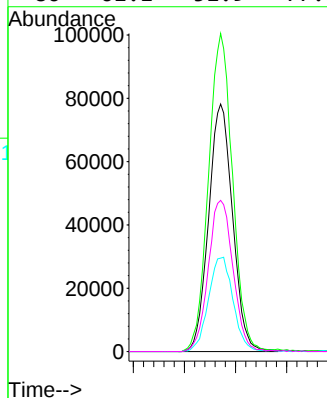
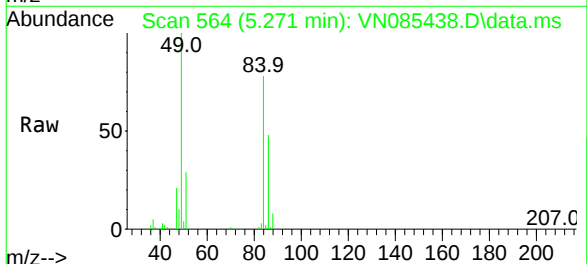
Ion Ratio Lower Upper

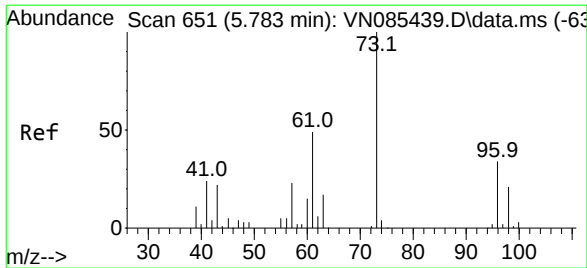
84 100

49 128.5 104.1 156.1

51 37.8 31.0 46.4

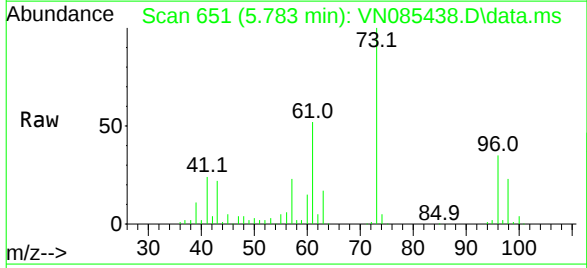
86 61.1 51.9 77.9





#21  
trans-1,2-Dichloroethene  
Concen: 99.618 ug/l  
RT: 5.783 min Scan# 651  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

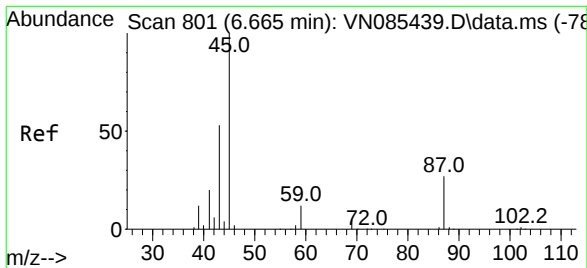
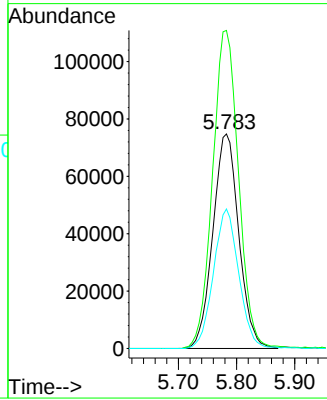
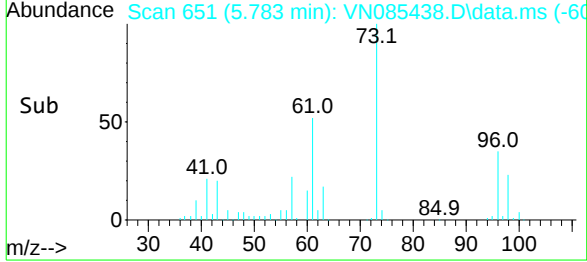
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



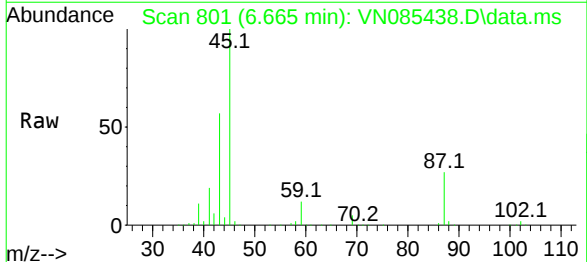
Tgt Ion: 96 Resp: 231503  
Ion Ratio Lower Upper  
96 100  
61 148.3 115.7 173.5  
98 65.0 49.8 74.8

Manual Integrations  
APPROVED

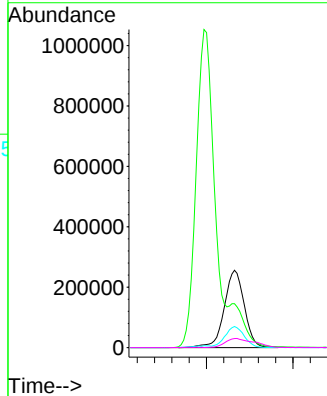
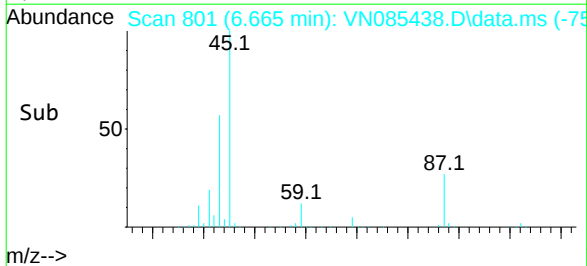
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025

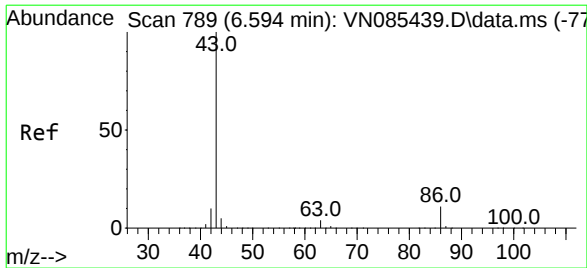


#22  
Diisopropyl ether  
Concen: 104.812 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56



Tgt Ion: 45 Resp: 820871  
Ion Ratio Lower Upper  
45 100  
43 55.7 45.0 67.6  
87 27.2 21.8 32.8  
59 11.6 10.2 15.2





#23

Vinyl Acetate

Concen: 550.850 ug/l

RT: 6.594 min Scan# 789

Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 3029568

Ion Ratio Lower Upper

43 100

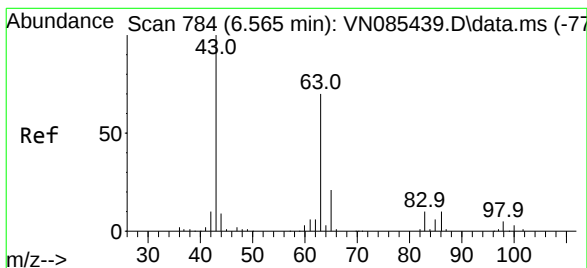
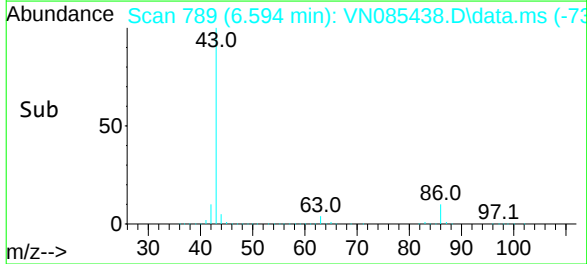
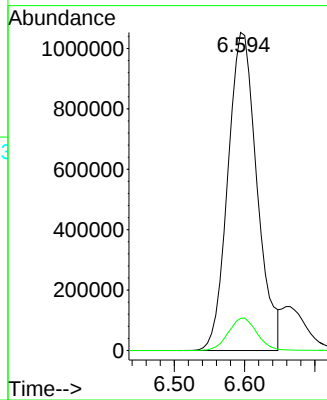
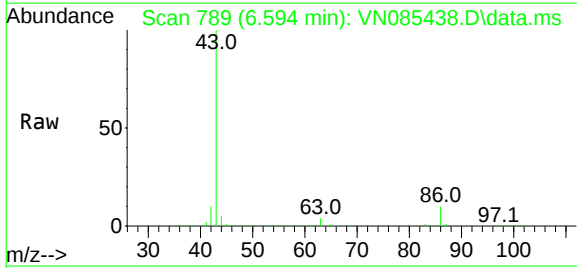
86 10.1 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#24

1,1-Dichloroethane

Concen: 98.803 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

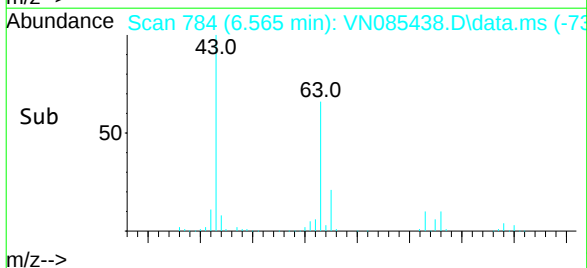
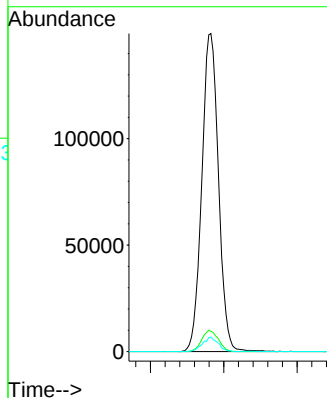
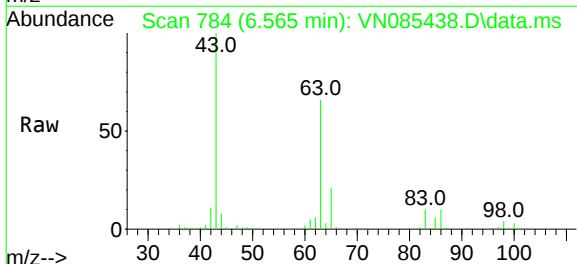
Tgt Ion: 63 Resp: 471831

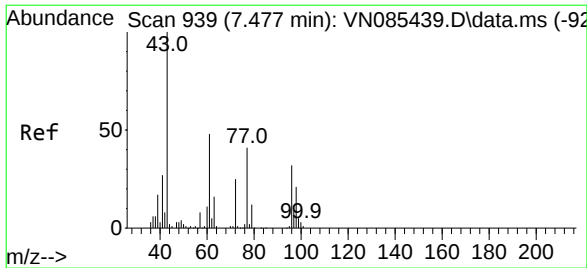
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

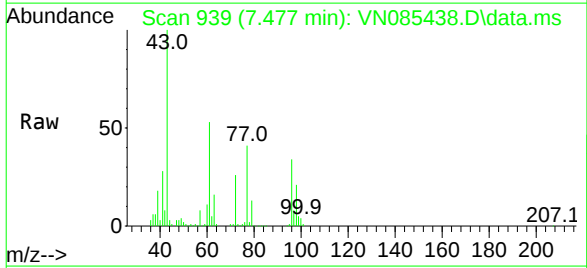
100 4.6 2.0 6.0





#25  
2-Butanone  
Concen: 491.912 ug/l  
RT: 7.477 min Scan# 939  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

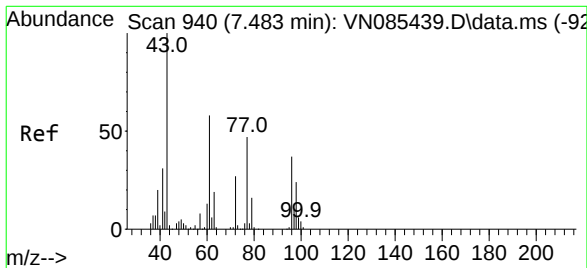
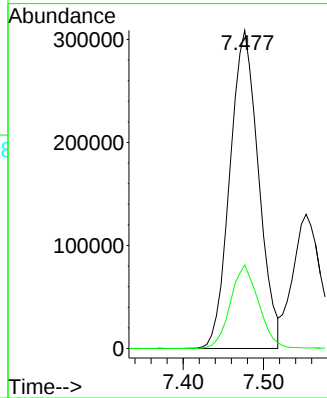
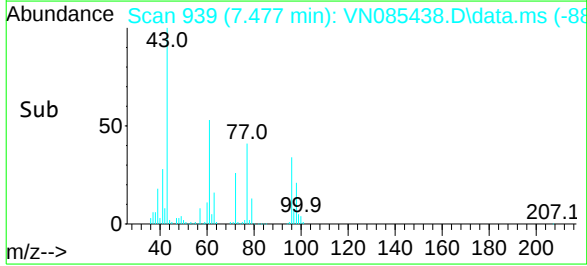
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



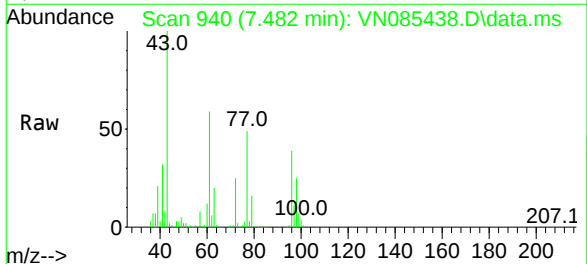
Tgt Ion: 43 Resp: 764979  
Ion Ratio Lower Upper  
43 100  
72 26.3 20.2 30.4

Manual Integrations  
APPROVED

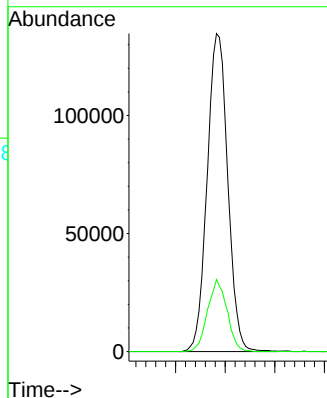
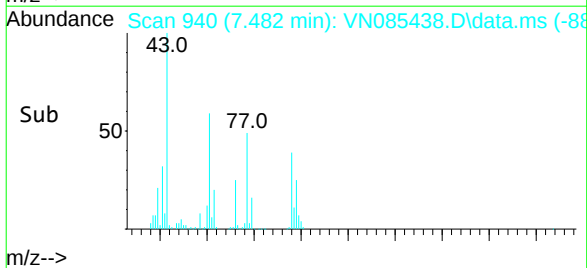
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025

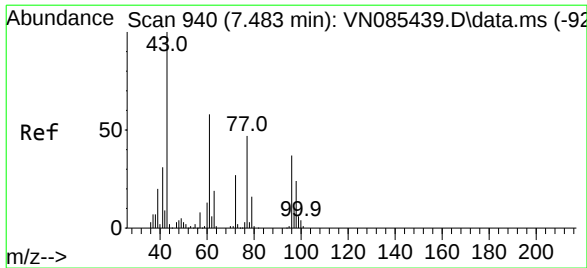


#26  
2,2-Dichloropropane  
Concen: 100.530 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56



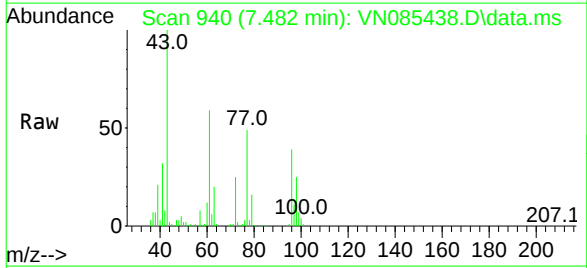
Tgt Ion: 77 Resp: 388140  
Ion Ratio Lower Upper  
77 100  
97 21.4 10.7 32.1





#27  
cis-1,2-Dichloroethene  
Concen: 102.367 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

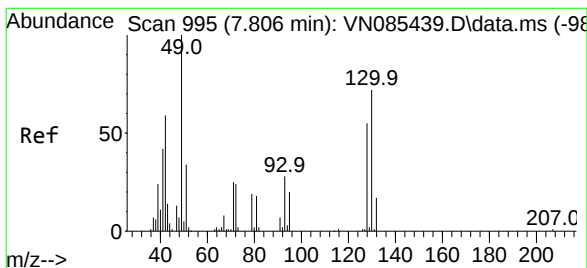
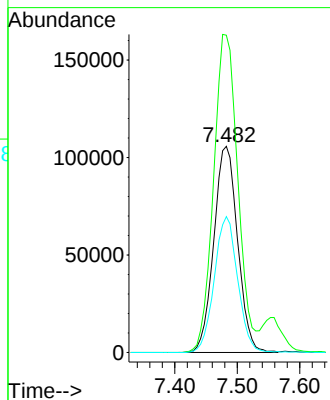
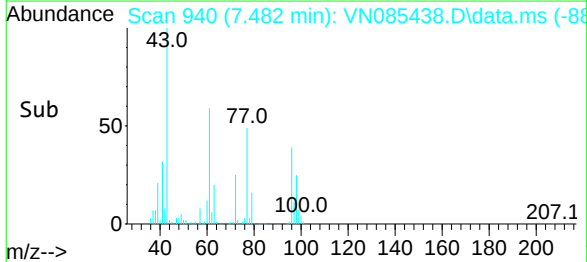
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion: 96 Resp: 280197  
Ion Ratio Lower Upper  
96 100  
61 156.8 0.0 311.8  
98 65.0 0.0 126.0

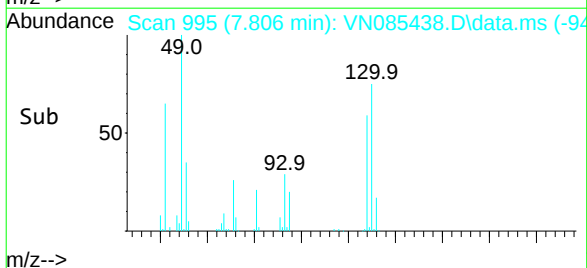
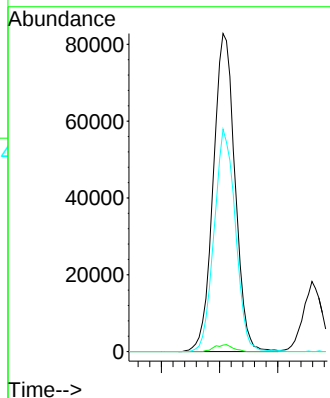
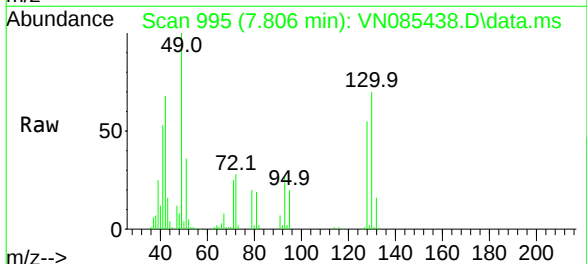
Manual Integrations  
APPROVED

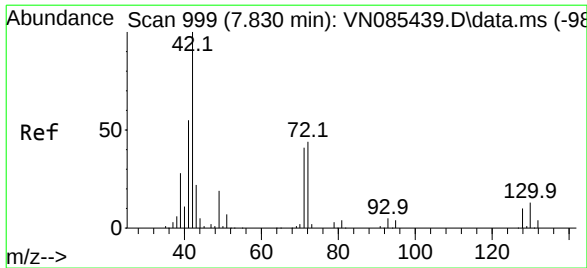
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#28  
Bromochloromethane  
Concen: 96.679 ug/l  
RT: 7.806 min Scan# 995  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 49 Resp: 214796  
Ion Ratio Lower Upper  
49 100  
129 1.9 0.0 4.4  
130 68.4 55.0 82.4





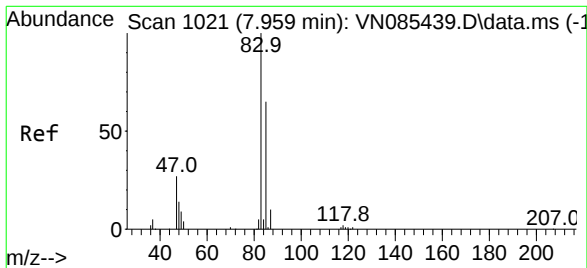
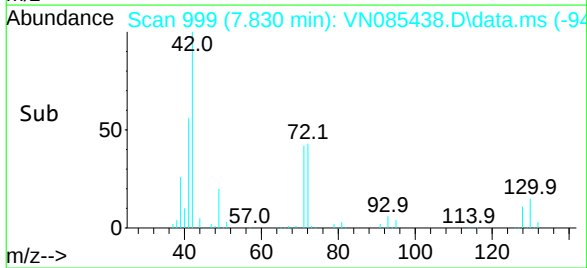
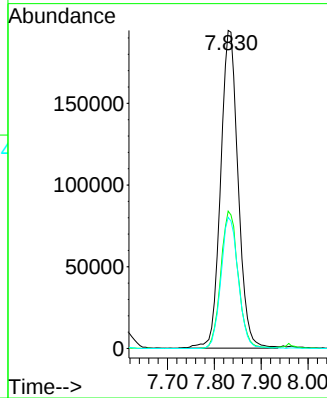
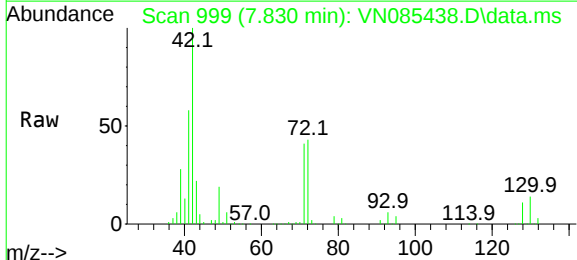
#29  
Tetrahydrofuran  
Concen: 510.635 ug/l  
RT: 7.830 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 42 Resp: 503459  
Ion Ratio Lower Upper  
42 100  
72 43.1 34.2 51.2  
71 40.9 32.5 48.7

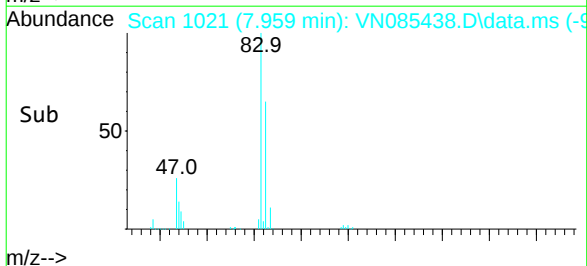
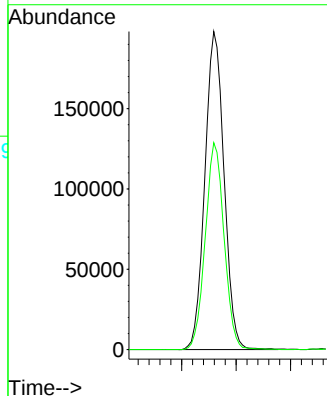
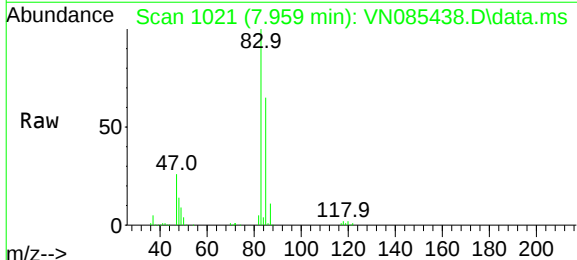
Manual Integrations  
APPROVED

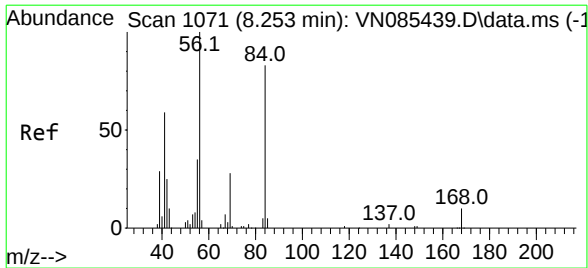
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#30  
Chloroform  
Concen: 98.253 ug/l  
RT: 7.959 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 83 Resp: 484941  
Ion Ratio Lower Upper  
83 100  
85 65.0 51.8 77.6





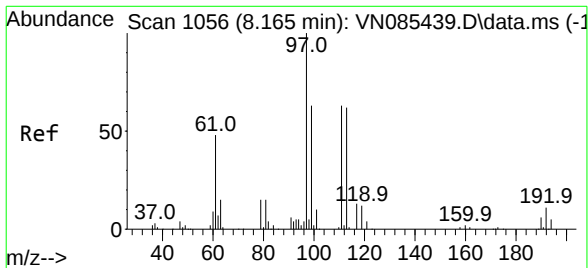
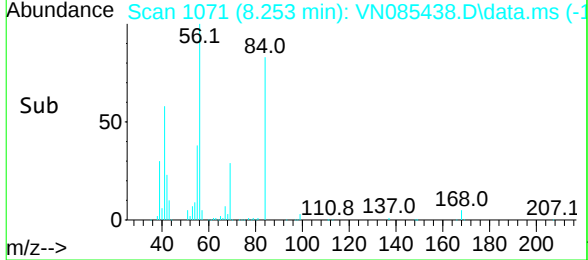
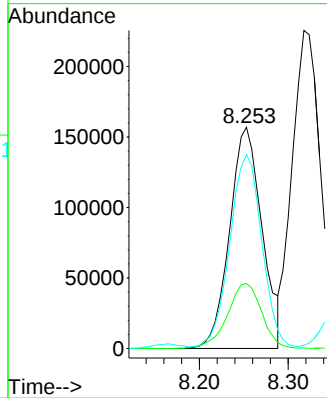
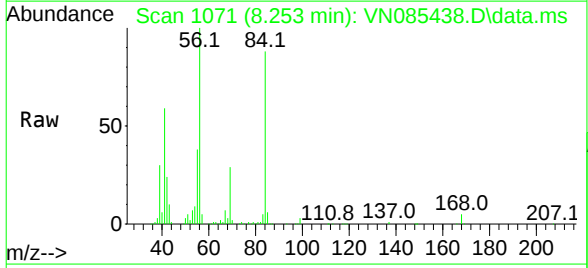
#31  
Cyclohexane  
Concen: 96.041 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

|             |                |
|-------------|----------------|
| Tgt Ion: 56 | Resp: 398641   |
| Ion Ratio   | Lower Upper    |
| 56          | 100            |
| 69          | 29.2 22.2 33.4 |
| 84          | 86.4 66.4 99.6 |

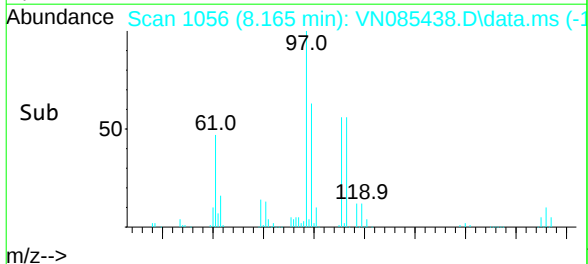
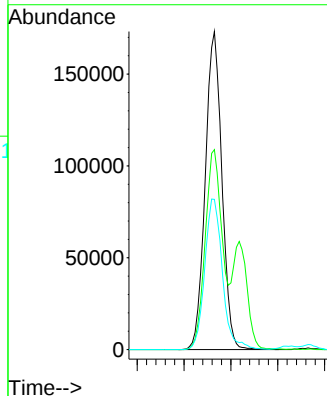
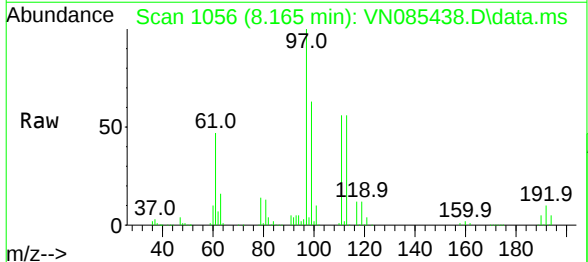
Manual Integrations  
APPROVED

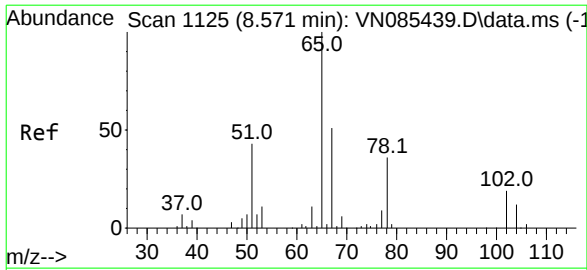
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#32  
1,1,1-Trichloroethane  
Concen: 98.578 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

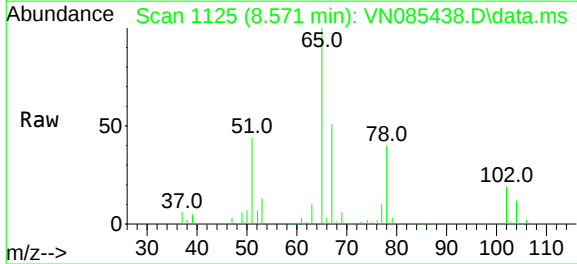
|             |                |
|-------------|----------------|
| Tgt Ion: 97 | Resp: 426782   |
| Ion Ratio   | Lower Upper    |
| 97          | 100            |
| 99          | 64.2 49.8 74.6 |
| 61          | 50.6 41.4 62.2 |





#33  
1,2-Dichloroethane-d4  
Concen: 95.899 ug/l  
RT: 8.571 min Scan# 1125  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

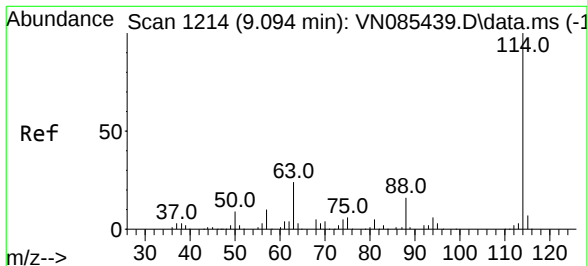
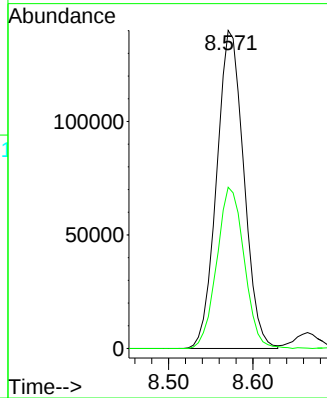
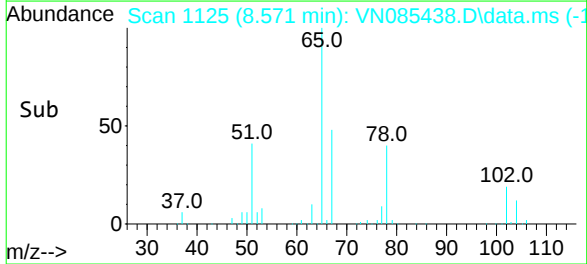
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



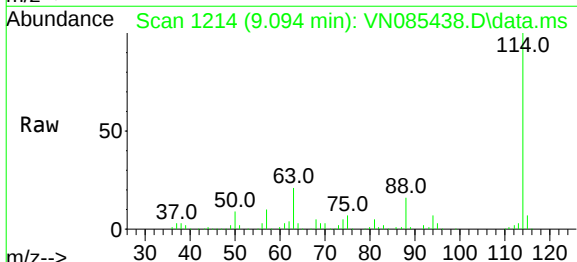
Tgt Ion: 65 Resp: 313645  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 101.6

Manual Integrations  
APPROVED

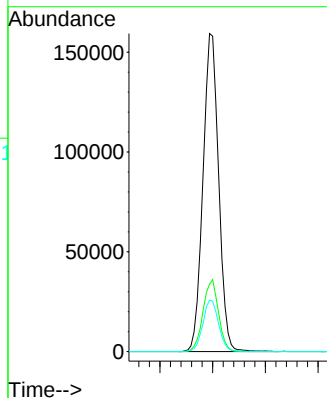
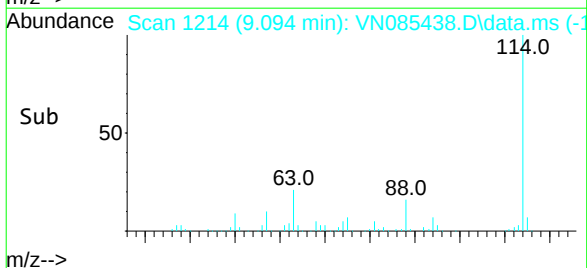
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025

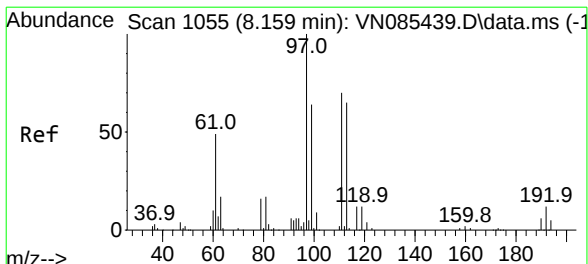


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.094 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56



Tgt Ion:114 Resp: 329363  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 47.6  
88 16.2 0.0 32.6





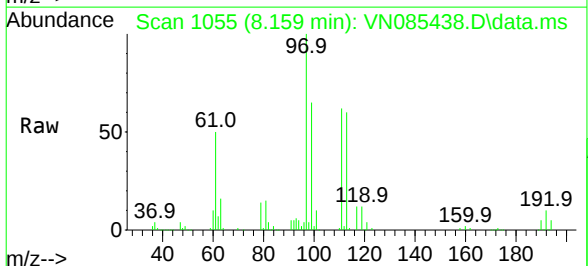
#35  
 Dibromofluoromethane  
 Concen: 103.353 ug/l  
 RT: 8.159 min Scan# 1055  
 Delta R.T. -0.000 min  
 Lab File: VN085438.D  
 Acq: 14 Jan 2025 14:56

Instrument :

MSVOA\_N

ClientSampleId :

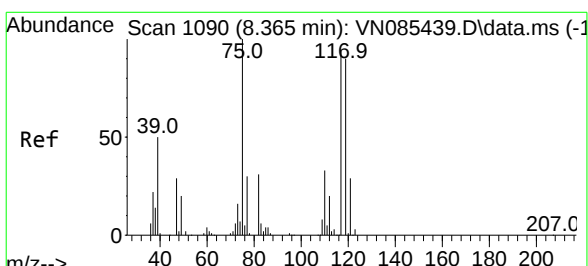
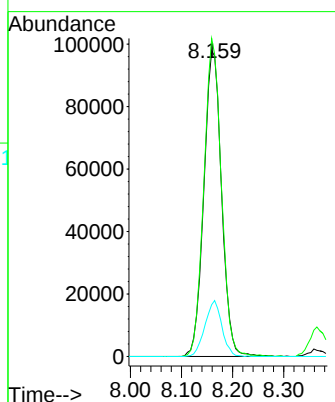
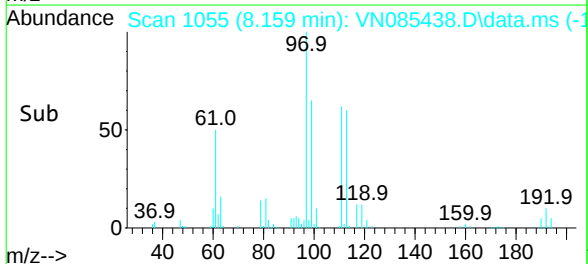
VSTDIC100



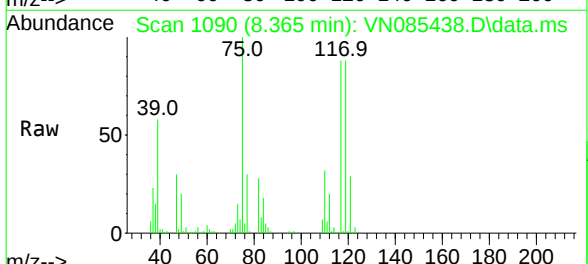
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 236159 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 102.3 | 82.7  | 124.1  |
| 192      | 17.4  | 14.3  | 21.5   |

Manual Integrations  
 APPROVED

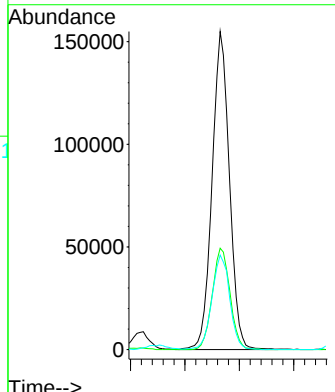
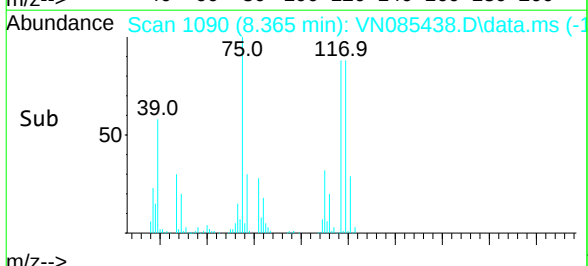
Reviewed By :John Carlone 01/15/2025  
 Supervised By :Mahesh Dadoda 01/15/2025

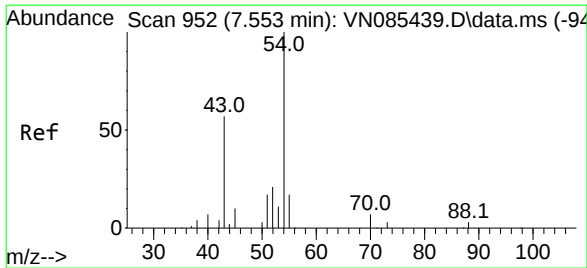


#36  
 1,1-Dichloropropene  
 Concen: 106.945 ug/l  
 RT: 8.365 min Scan# 1090  
 Delta R.T. -0.000 min  
 Lab File: VN085438.D  
 Acq: 14 Jan 2025 14:56



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 342961 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 32.6  | 16.5  | 49.5   |
| 77       | 30.6  | 24.4  | 36.6   |





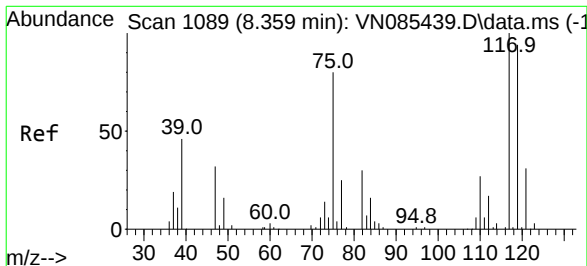
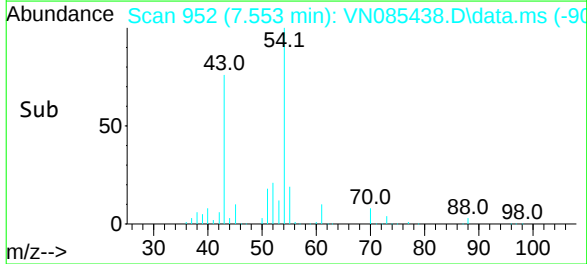
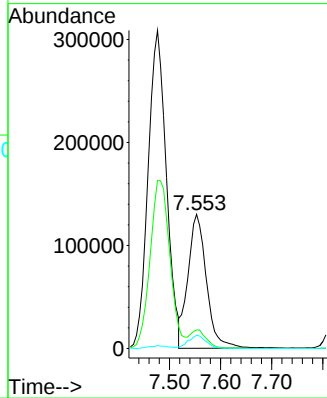
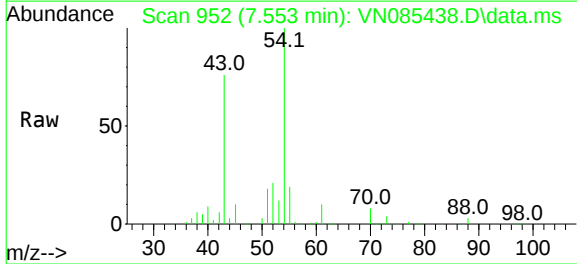
#37  
Ethyl Acetate  
Concen: 100.961 ug/l  
RT: 7.553 min Scan# 952  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 43 Resp: 326802  
Ion Ratio Lower Upper  
43 100  
61 12.0 10.9 16.3  
70 9.6 7.5 11.3

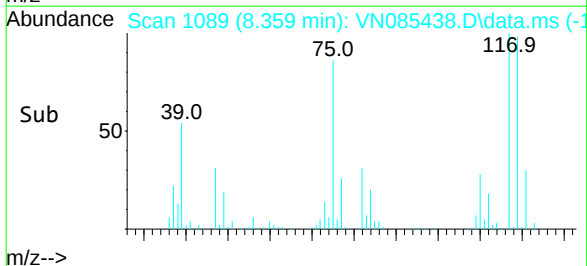
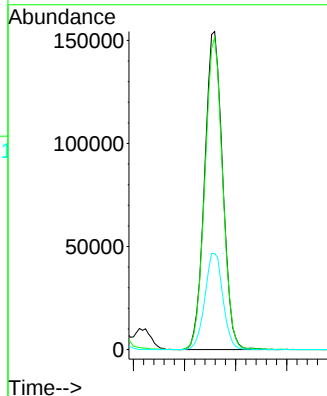
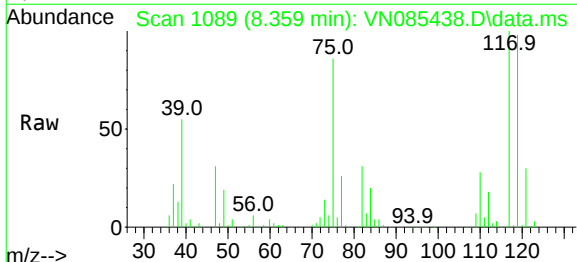
Manual Integrations  
APPROVED

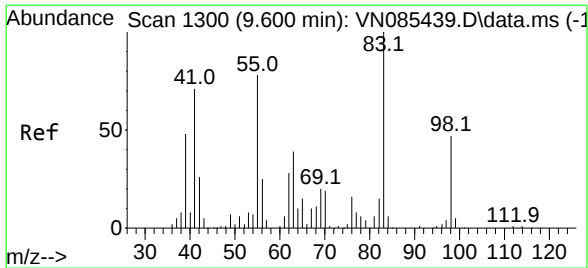
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#38  
Carbon Tetrachloride  
Concen: 103.065 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion:117 Resp: 378390  
Ion Ratio Lower Upper  
117 100  
119 98.1 75.4 113.2  
121 30.2 24.6 37.0





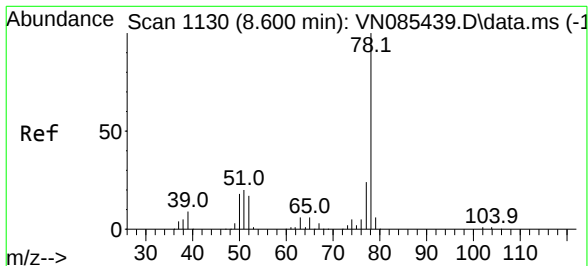
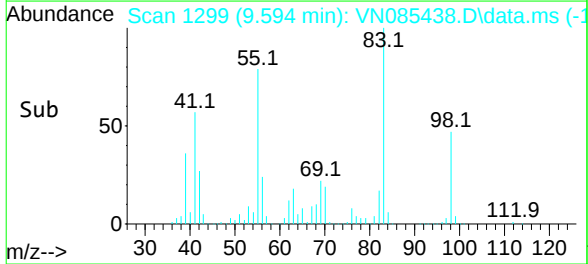
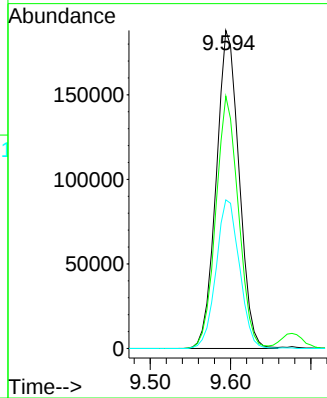
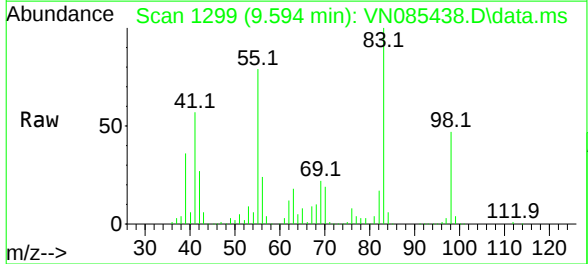
#39  
Methylcyclohexane  
Concen: 123.354 ug/l  
RT: 9.594 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 83 Resp: 371734  
Ion Ratio Lower Upper  
83 100  
55 79.3 62.6 94.0  
98 46.7 37.7 56.5

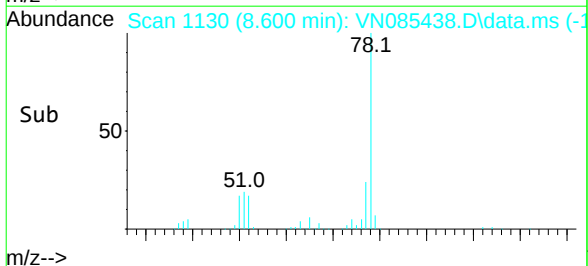
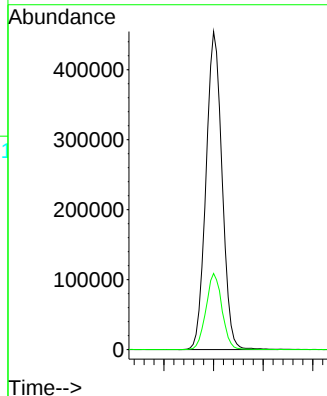
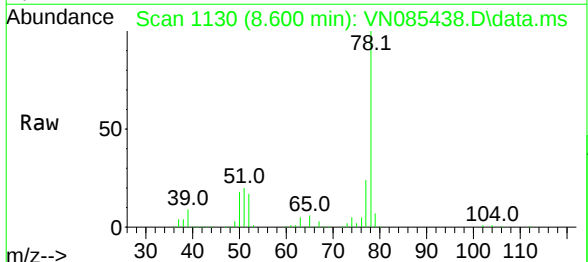
Manual Integrations  
APPROVED

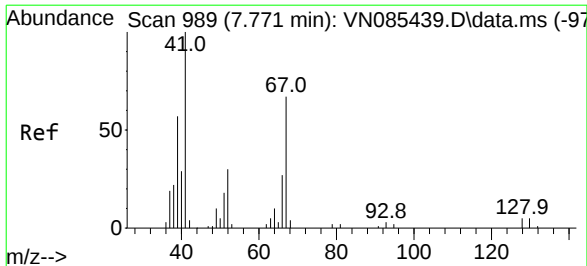
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#40  
Benzene  
Concen: 106.001 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 78 Resp: 1021393  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.0 28.6





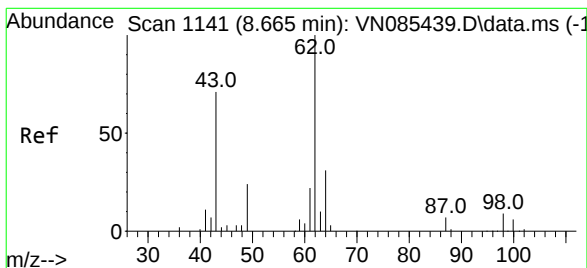
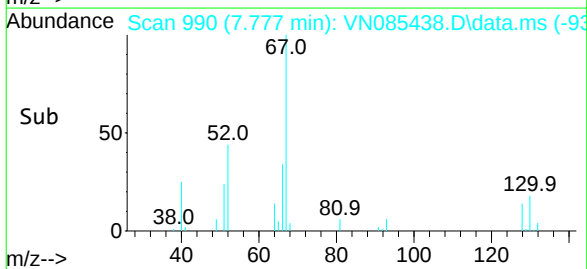
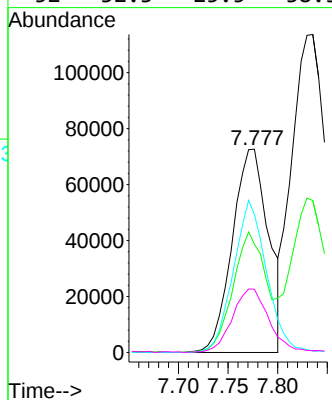
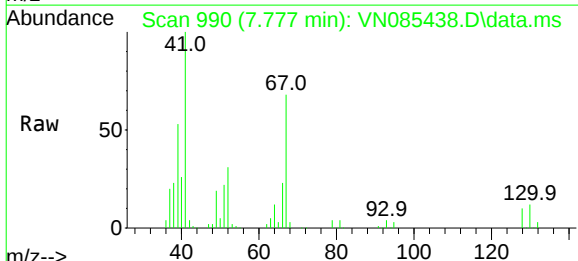
#41  
Methacrylonitrile  
Concen: 109.454 ug/l  
RT: 7.777 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 184326 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 52.8  | 46.0  | 69.0   |
| 67       | 68.8  | 57.4  | 86.2   |
| 52       | 32.3  | 25.5  | 38.3   |

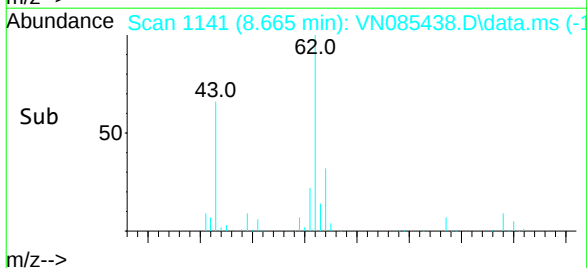
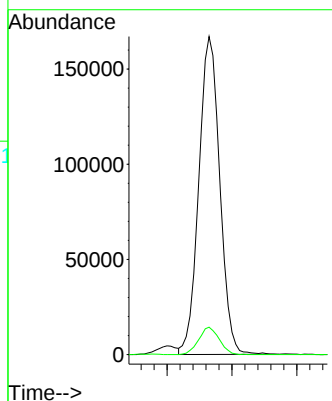
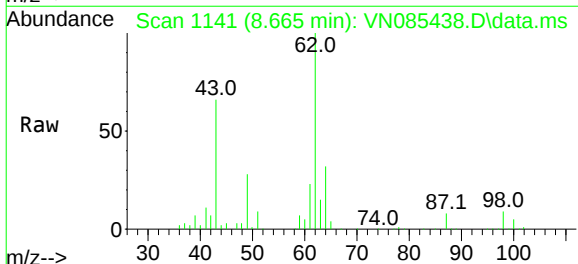
Manual Integrations  
APPROVED

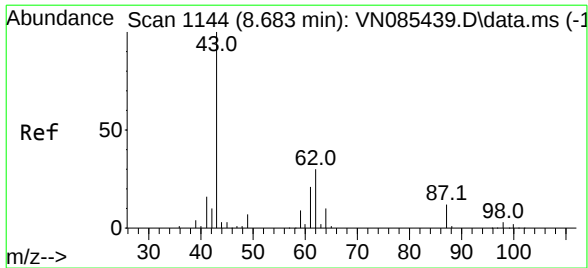
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#42  
1,2-Dichloroethane  
Concen: 103.314 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 374938 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.4   | 0.0   | 17.0   |





#43

Isopropyl Acetate

Concen: 106.035 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

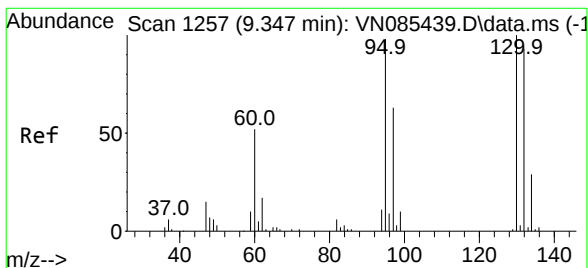
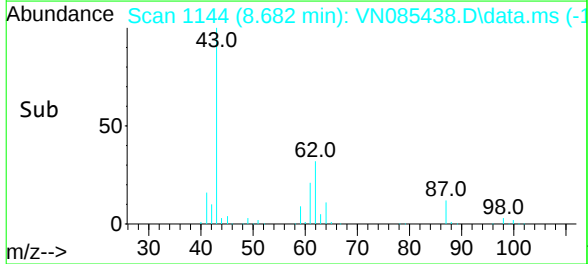
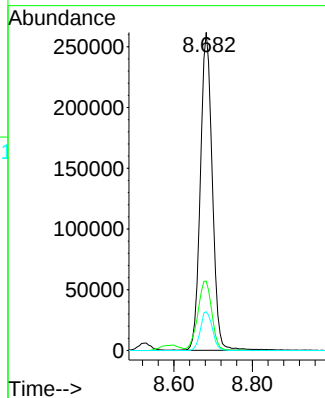
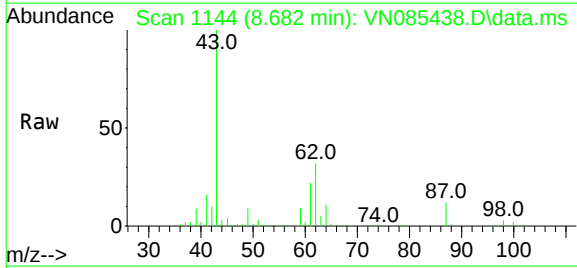
|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 549969 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 61 25.7     | 20.7 31.1    |
| 87 12.2     | 9.8 14.8     |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#44

Trichloroethene

Concen: 106.242 ug/l

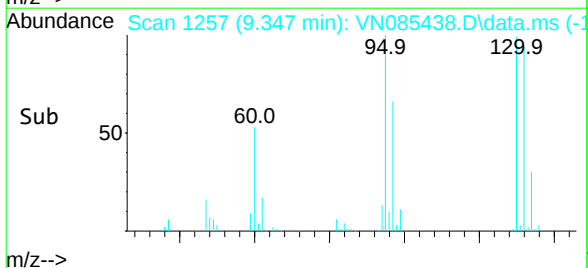
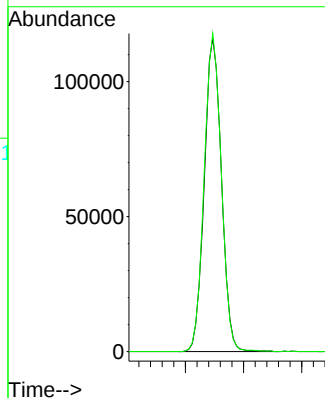
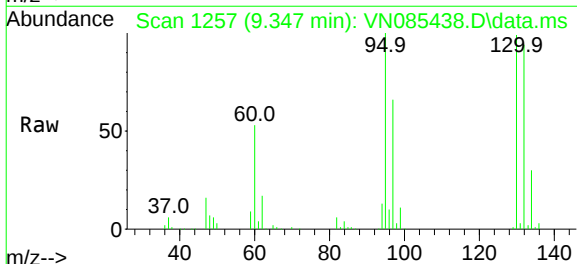
RT: 9.347 min Scan# 1257

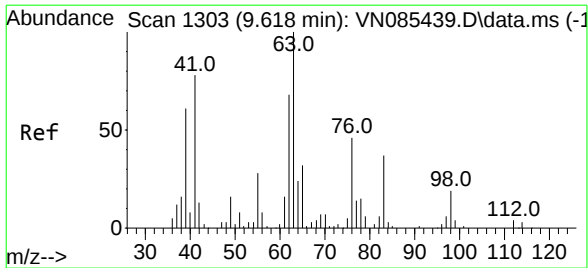
Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

|             |              |
|-------------|--------------|
| Tgt Ion:130 | Resp: 238296 |
| Ion Ratio   | Lower Upper  |
| 130 100     |              |
| 95 101.5    | 0.0 195.8    |





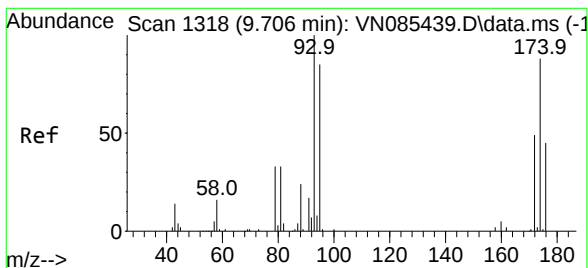
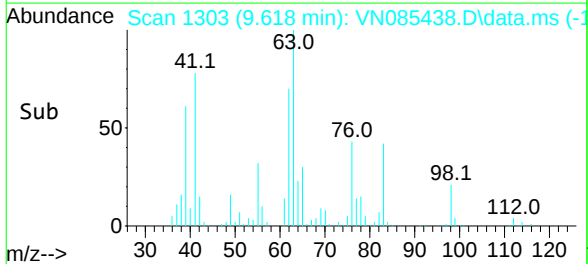
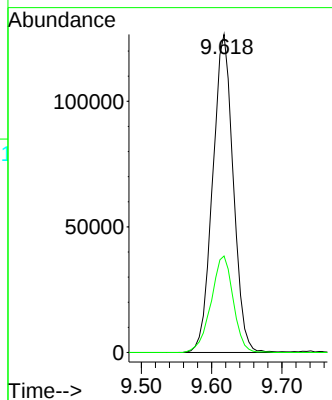
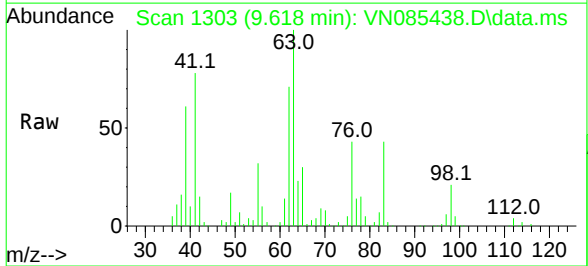
#45  
1,2-Dichloropropane  
Concen: 104.405 ug/l  
RT: 9.618 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 63 Resp: 256964  
Ion Ratio Lower Upper  
63 100  
65 30.3 25.6 38.4

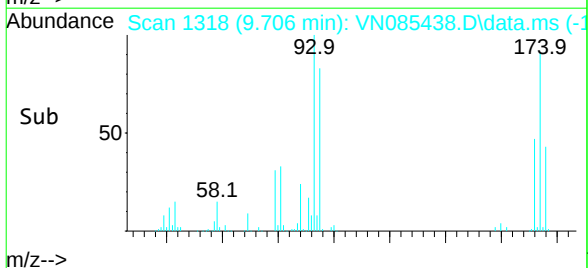
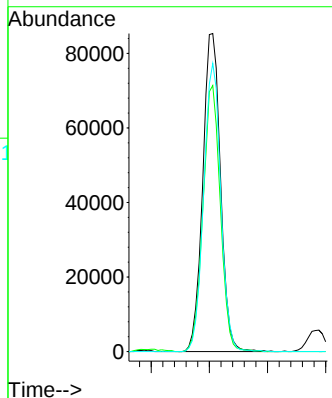
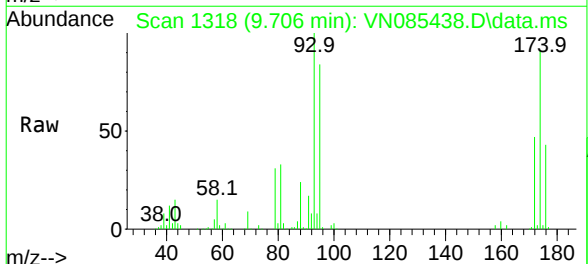
Manual Integrations  
APPROVED

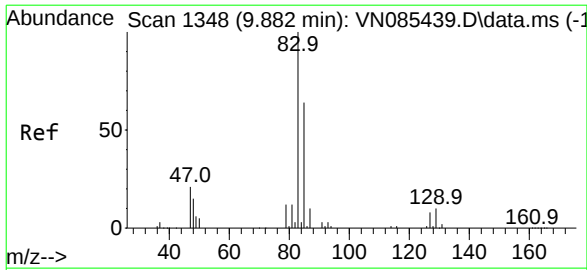
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#46  
Dibromomethane  
Concen: 101.913 ug/l  
RT: 9.706 min Scan# 1318  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 93 Resp: 180990  
Ion Ratio Lower Upper  
93 100  
95 81.6 64.7 97.1  
174 87.5 69.0 103.4





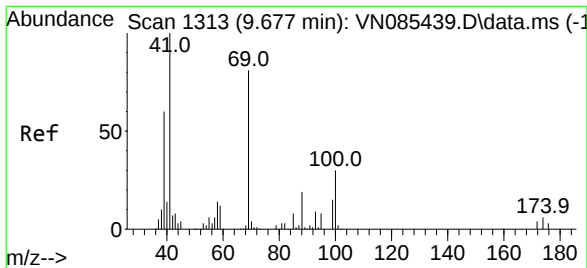
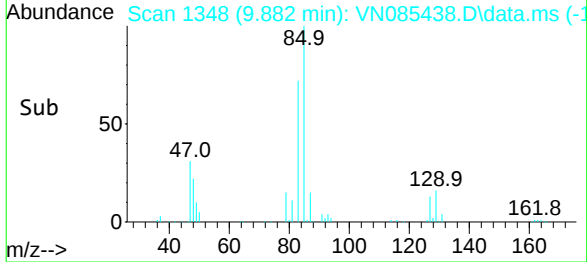
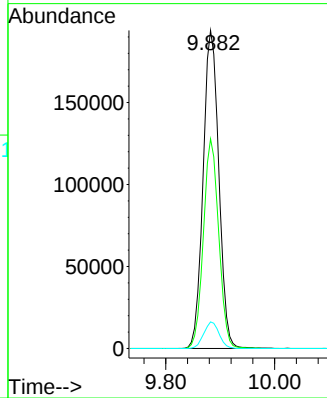
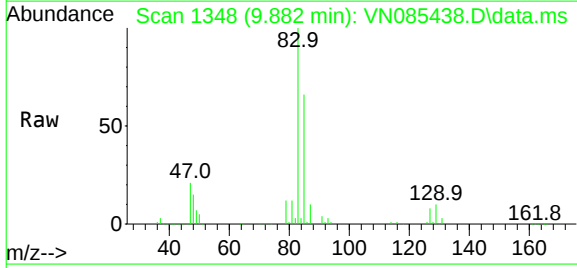
#47  
Bromodichloromethane  
Concen: 107.377 ug/l  
RT: 9.882 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 83 Resp: 388499  
Ion Ratio Lower Upper  
83 100  
85 65.9 51.2 76.8  
127 8.4 6.5 9.7

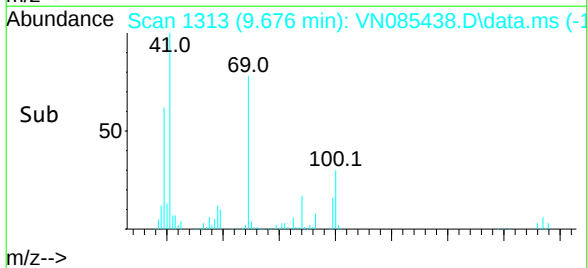
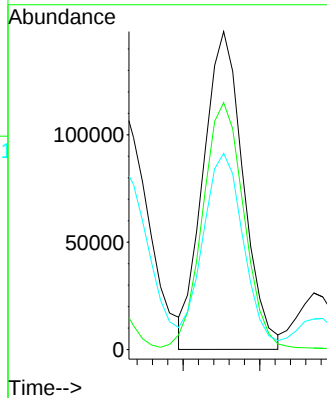
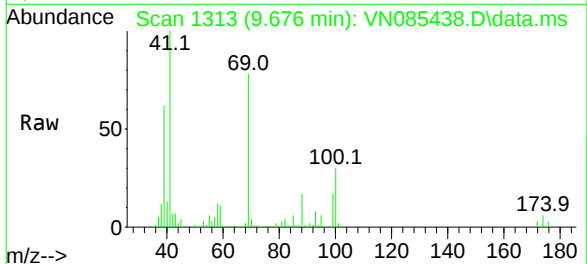
Manual Integrations  
APPROVED

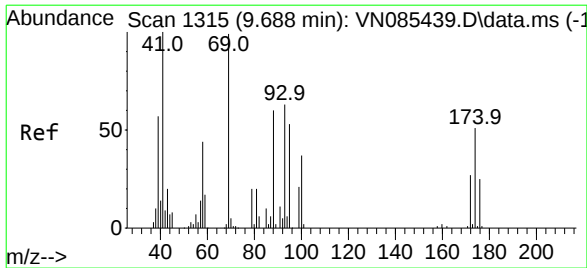
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#48  
Methyl methacrylate  
Concen: 114.685 ug/l  
RT: 9.676 min Scan# 1313  
Delta R.T. -0.001 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

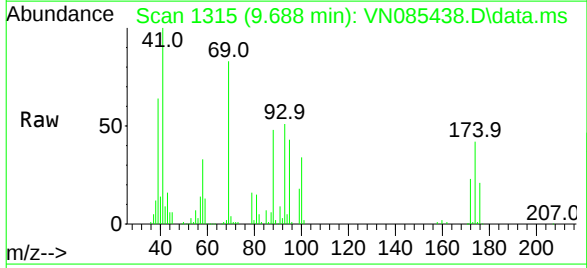
Tgt Ion: 41 Resp: 267689  
Ion Ratio Lower Upper  
41 100  
69 80.9 64.7 97.1  
39 63.1 49.0 73.6





#49  
1,4-Dioxane  
Concen: 2133.992 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

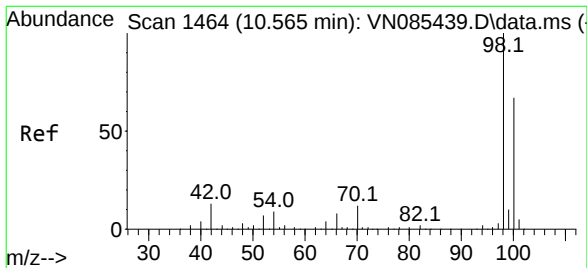
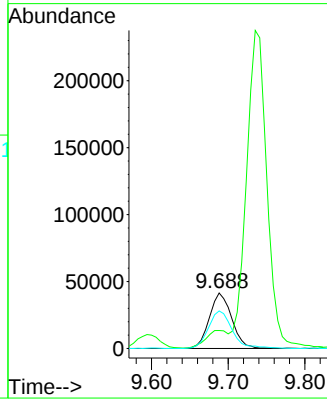
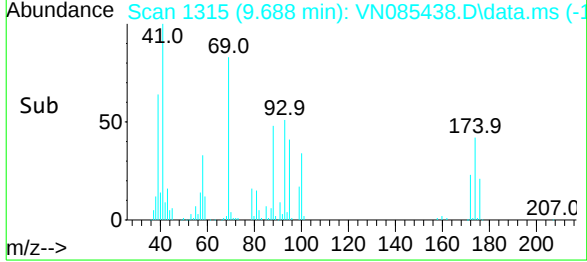
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



Tgt Ion: 88 Resp: 83879  
Ion Ratio Lower Upper  
88 100  
43 31.3 26.6 39.8  
58 72.1 59.5 89.3

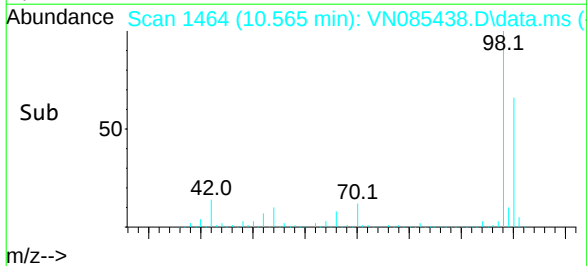
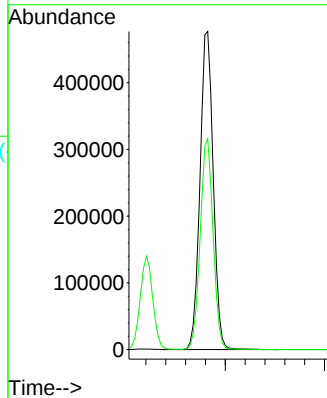
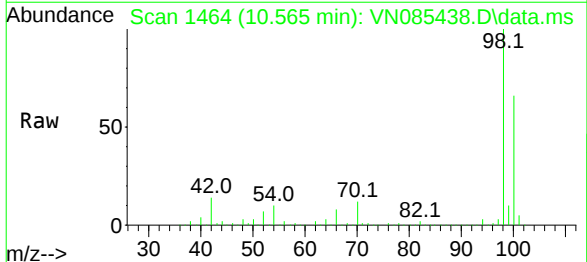
Manual Integrations  
APPROVED

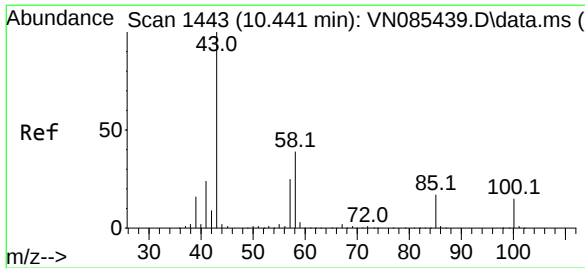
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#50  
Toluene-d8  
Concen: 108.636 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 98 Resp: 881956  
Ion Ratio Lower Upper  
98 100  
100 64.5 52.2 78.4





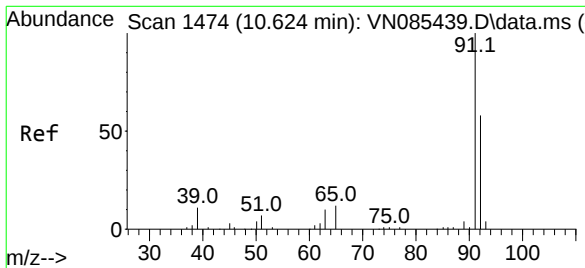
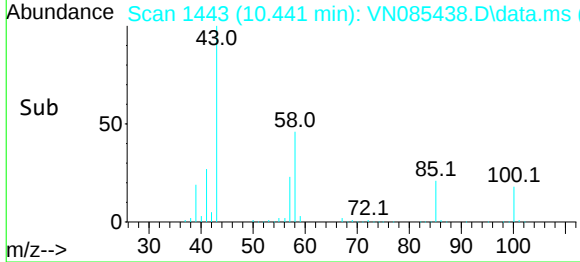
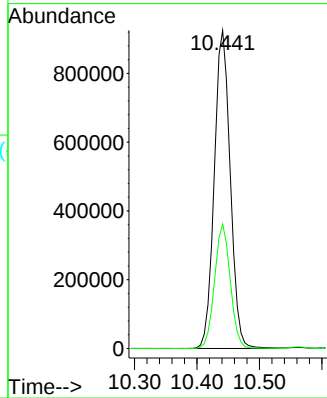
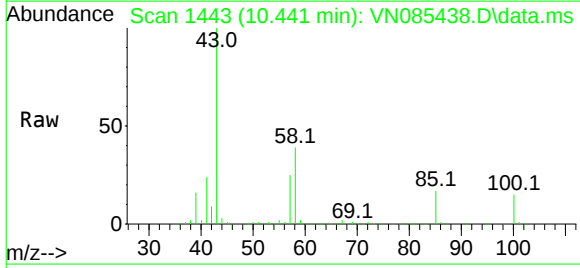
#51  
4-Methyl-2-Pentanone  
Concen: 546.159 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 43 Resp: 1643800  
Ion Ratio Lower Upper  
43 100  
58 38.4 30.5 45.7

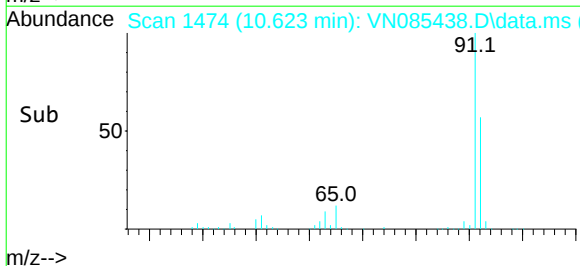
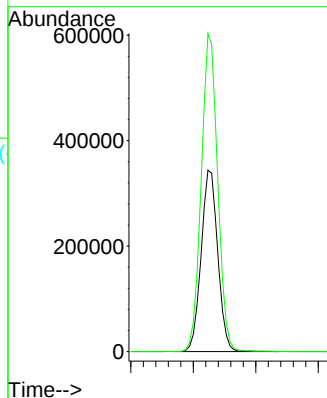
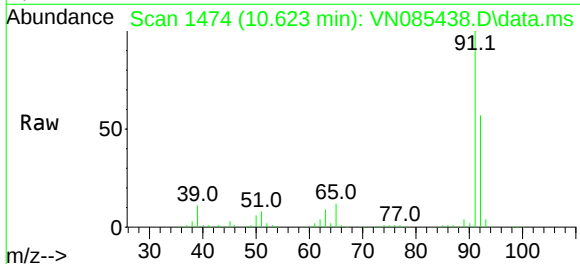
Manual Integrations  
APPROVED

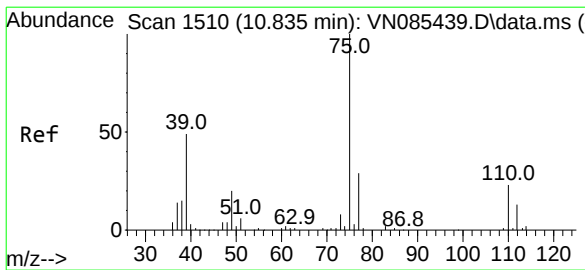
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#52  
Toluene  
Concen: 113.689 ug/l  
RT: 10.623 min Scan# 1474  
Delta R.T. -0.001 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 92 Resp: 634743  
Ion Ratio Lower Upper  
92 100  
91 173.1 139.2 208.8





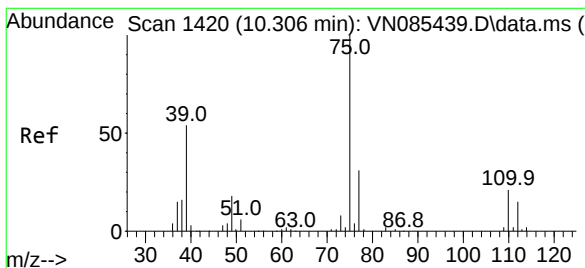
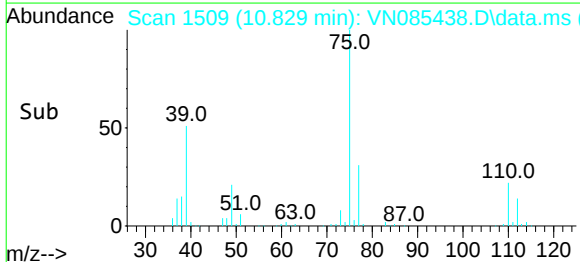
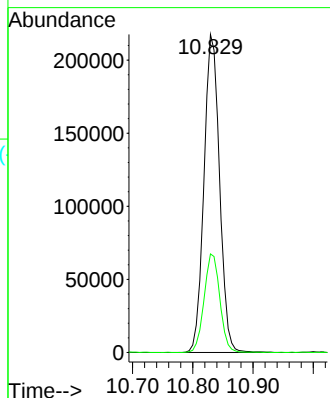
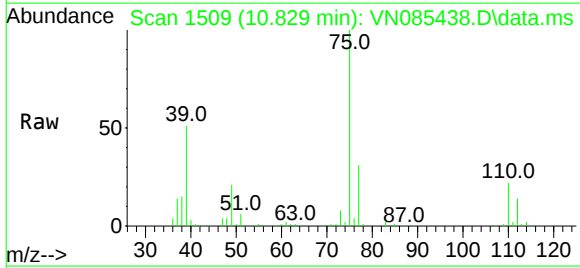
#53  
t-1,3-Dichloropropene  
Concen: 114.424 ug/l  
RT: 10.829 min Scan# 1510  
Delta R.T. -0.006 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 75 Resp: 391238  
Ion Ratio Lower Upper  
75 100  
77 31.0 23.5 35.3

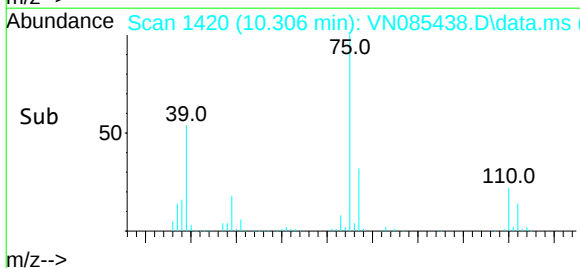
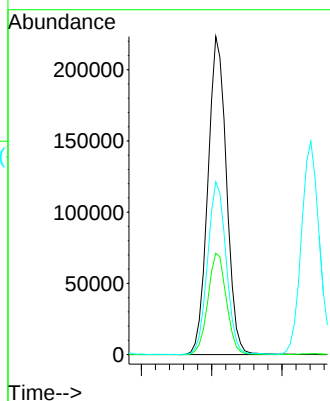
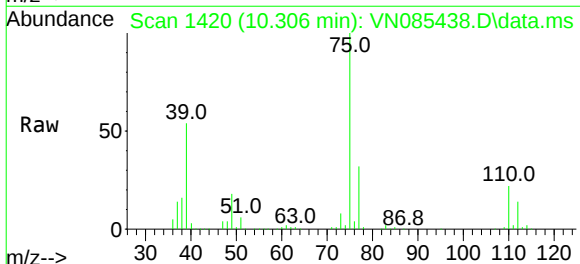
Manual Integrations  
APPROVED

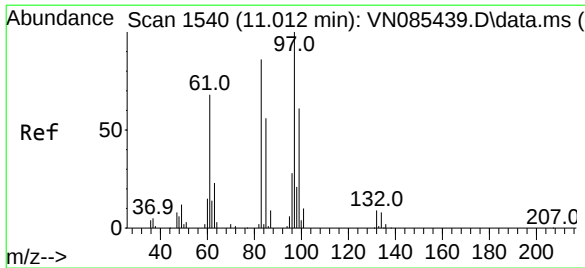
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#54  
cis-1,3-Dichloropropene  
Concen: 112.369 ug/l  
RT: 10.306 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

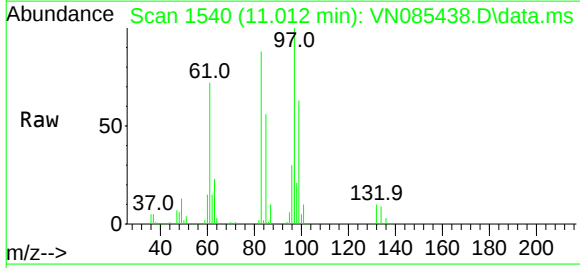
Tgt Ion: 75 Resp: 410403  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.0 37.4  
39 54.3 43.1 64.7





#55  
1,1,2-Trichloroethane  
Concen: 103.879 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

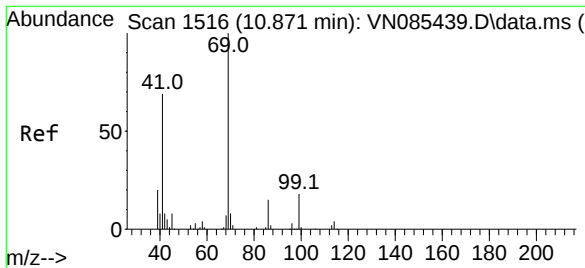
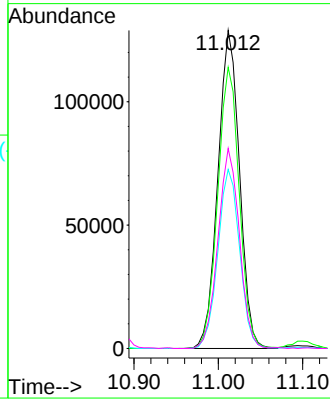
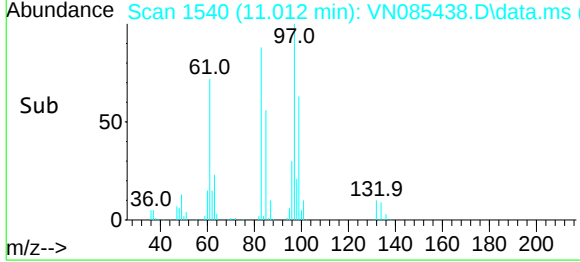
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



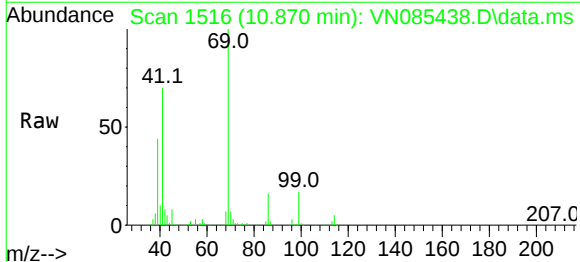
| Tgt Ion: | 97    | Resp: | 229522 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 88.4  | 69.0  | 103.6  |
| 85       | 56.3  | 44.6  | 66.8   |
| 99       | 62.9  | 48.6  | 72.8   |

Manual Integrations  
APPROVED

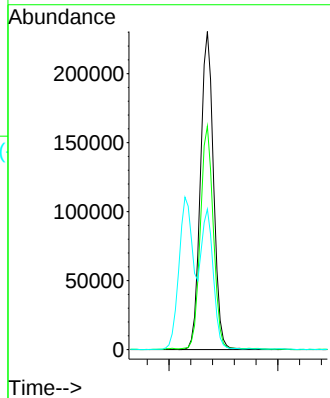
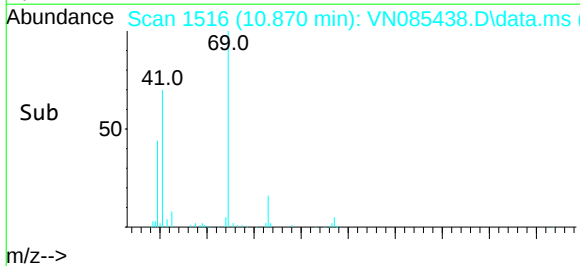
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025

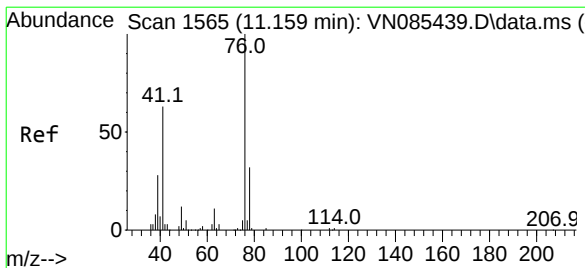


#56  
Ethyl methacrylate  
Concen: 101.029 ug/l  
RT: 10.870 min Scan# 1516  
Delta R.T. -0.001 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56



| Tgt Ion: | 69    | Resp: | 383663 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.1  | 54.6  | 82.0   |
| 39       | 40.1  | 32.4  | 48.6   |





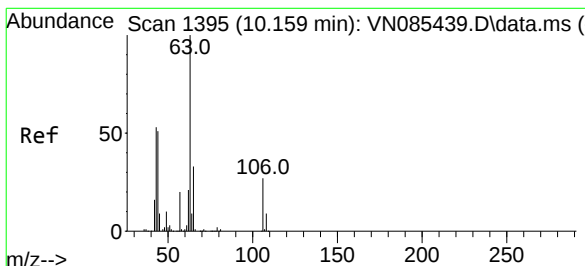
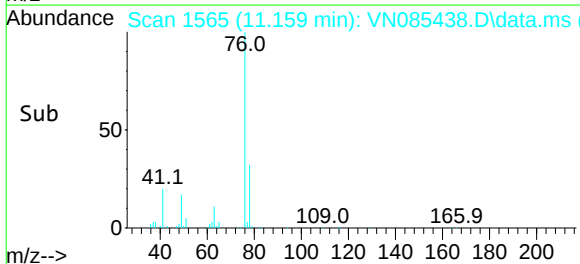
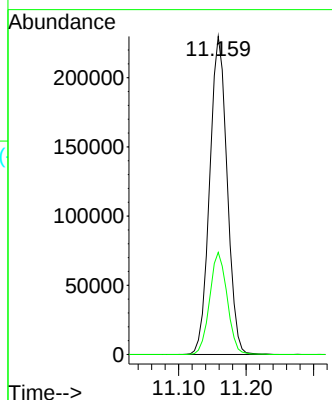
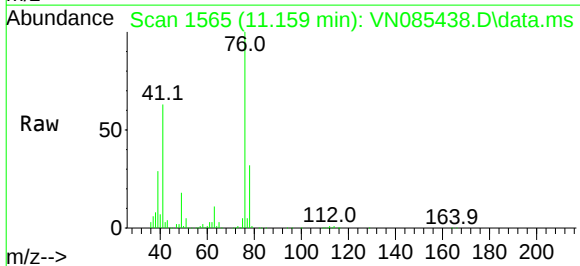
#57  
1,3-Dichloropropane  
Concen: 107.469 ug/l  
RT: 11.159 min Scan# 1565  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 76 Resp: 412886  
Ion Ratio Lower Upper  
76 100  
78 32.2 25.6 38.4

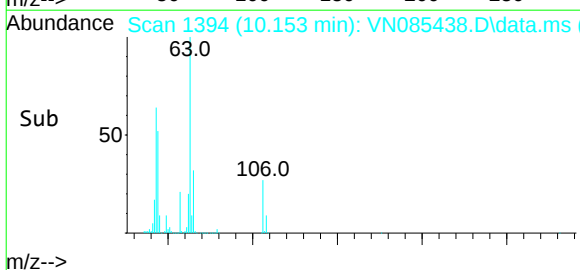
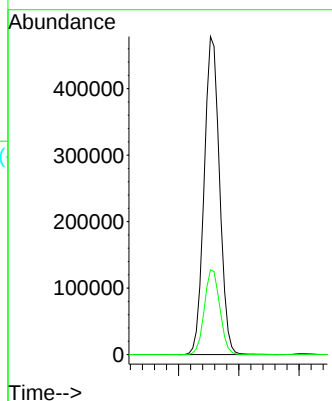
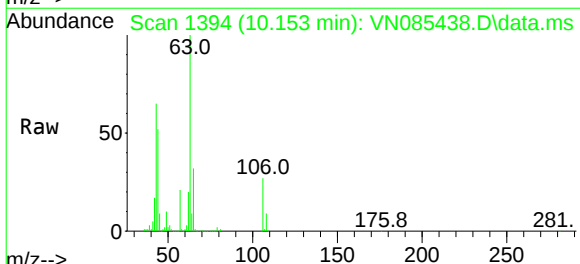
Manual Integrations  
APPROVED

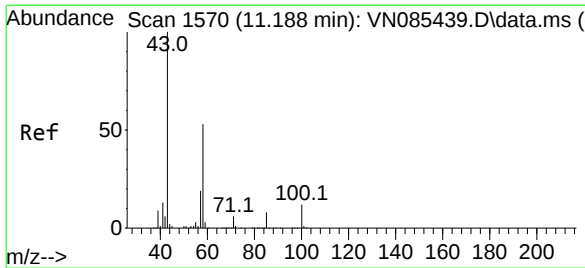
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#58  
2-Chloroethyl Vinyl ether  
Concen: 605.243 ug/l  
RT: 10.153 min Scan# 1394  
Delta R.T. -0.006 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 63 Resp: 848636  
Ion Ratio Lower Upper  
63 100  
106 26.8 21.6 32.4





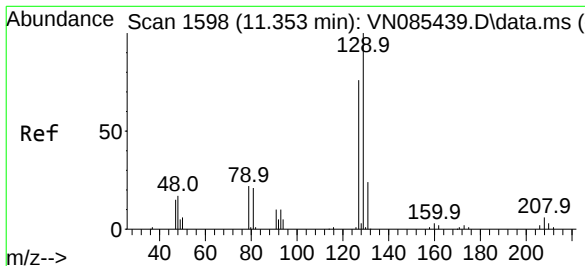
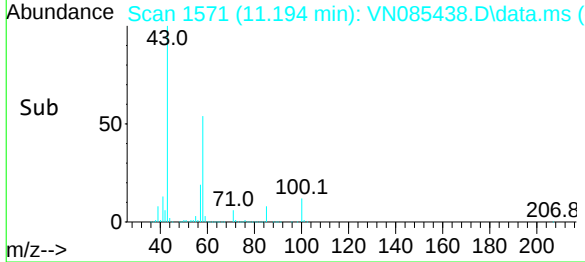
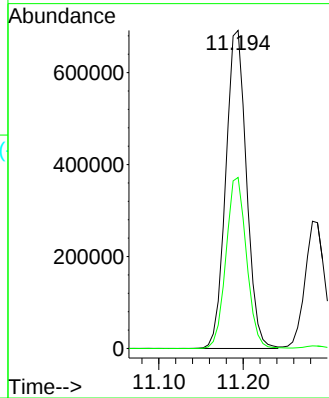
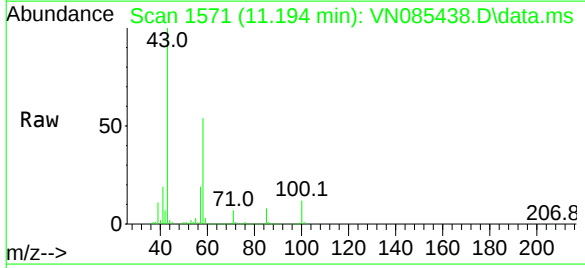
#59  
2-Hexanone  
Concen: 556.643 ug/l  
RT: 11.194 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 43 Resp: 1178831  
Ion Ratio Lower Upper  
43 100  
58 53.2 26.2 78.6

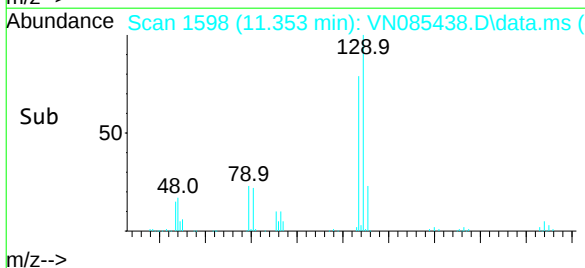
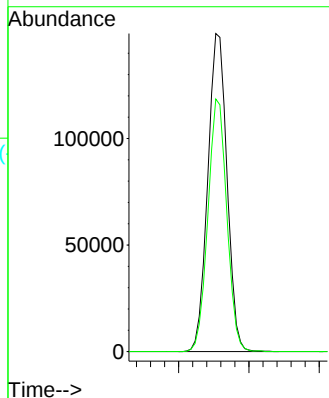
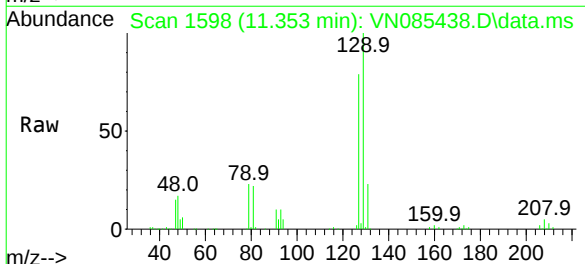
Manual Integrations  
APPROVED

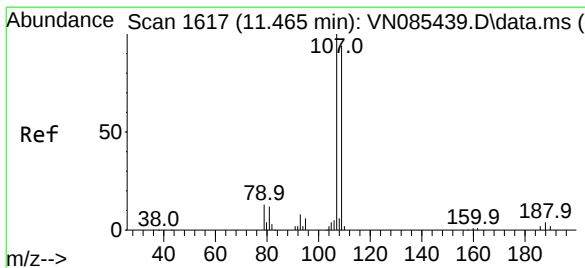
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#60  
Dibromochloromethane  
Concen: 106.227 ug/l  
RT: 11.353 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

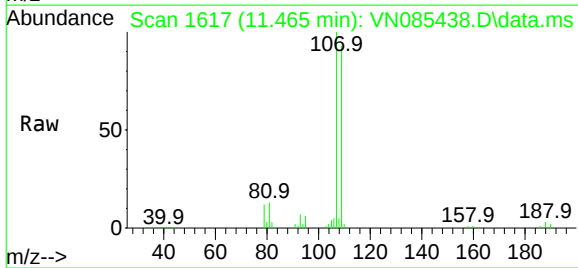
Tgt Ion:129 Resp: 283361  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.6 115.8





#61  
1,2-Dibromoethane  
Concen: 104.623 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

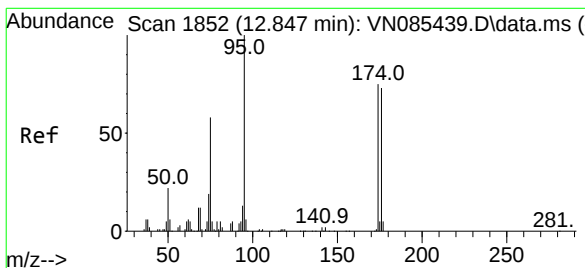
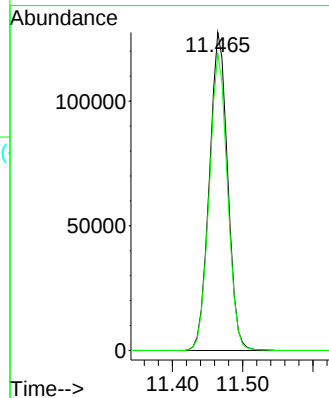
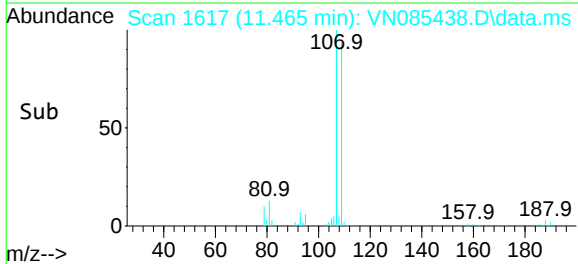
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



Tgt Ion: 107 Resp: 230104  
Ion Ratio Lower Upper  
107 100  
109 93.1 75.9 113.9

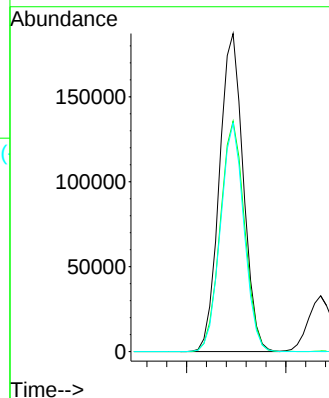
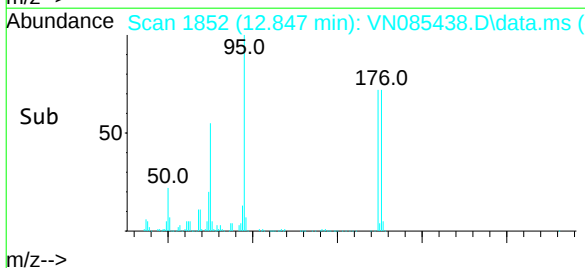
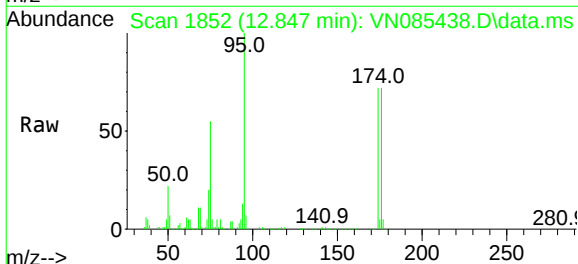
Manual Integrations  
APPROVED

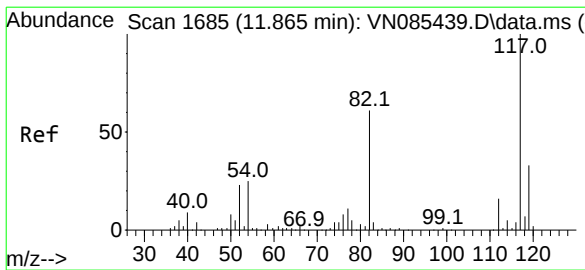
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#62  
4-Bromofluorobenzene  
Concen: 112.765 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 95 Resp: 313161  
Ion Ratio Lower Upper  
95 100  
174 73.4 0.0 145.0  
176 70.5 0.0 142.4





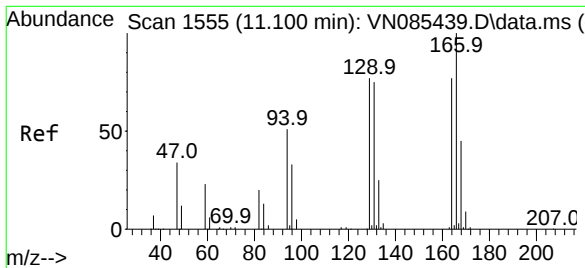
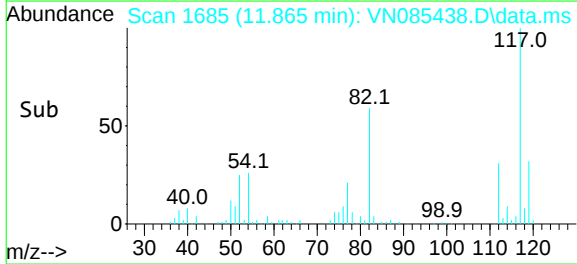
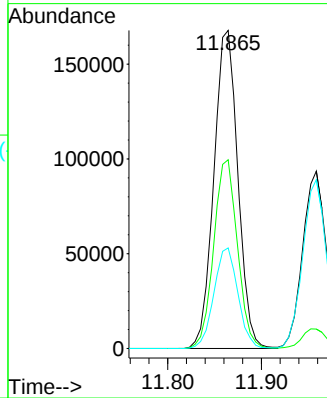
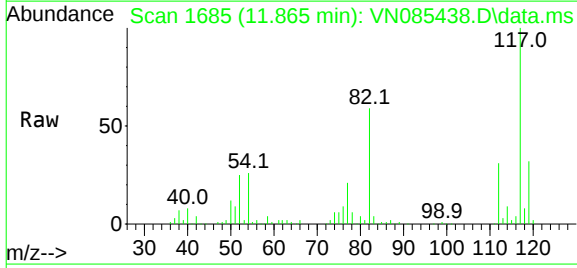
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:117 Resp: 298938  
Ion Ratio Lower Upper  
117 100  
82 59.3 48.6 72.8  
119 31.6 26.6 39.8

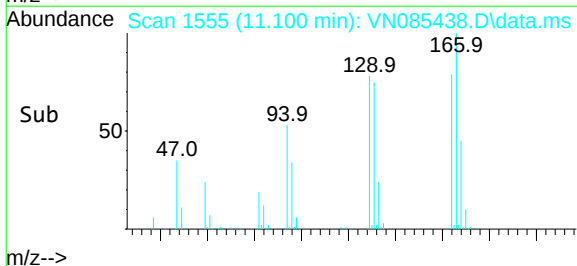
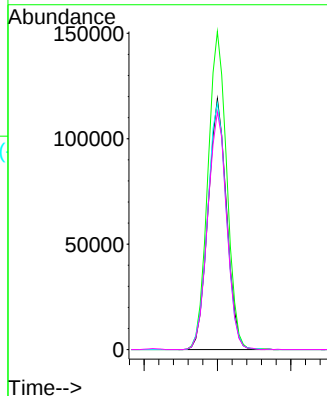
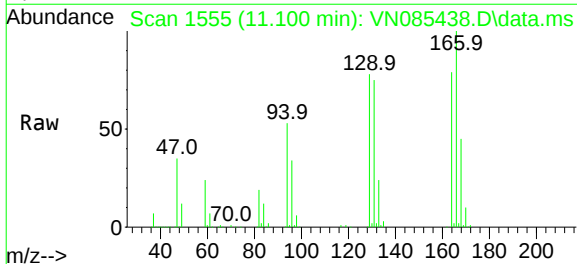
Manual Integrations  
APPROVED

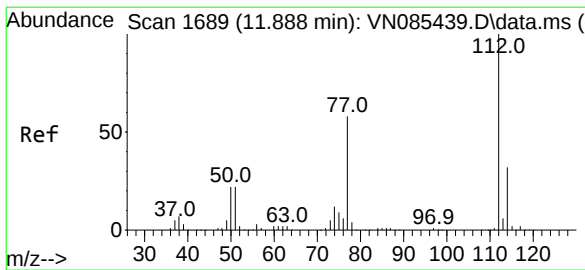
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#64  
Tetrachloroethene  
Concen: 102.980 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion:164 Resp: 209870  
Ion Ratio Lower Upper  
164 100  
166 126.8 103.4 155.2  
129 98.3 79.2 118.8  
131 94.7 77.1 115.7





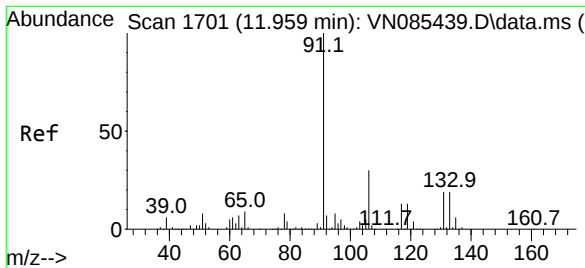
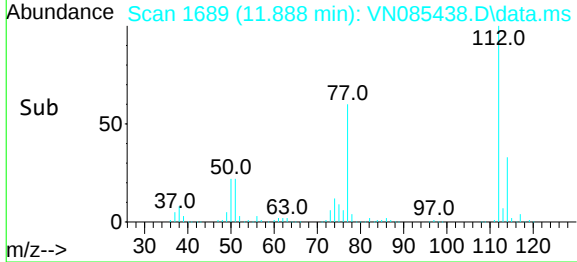
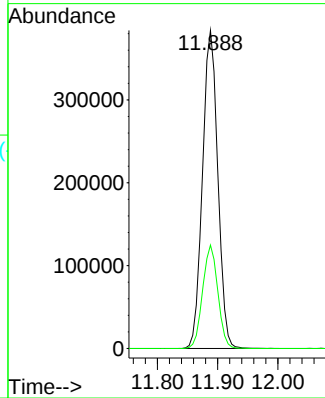
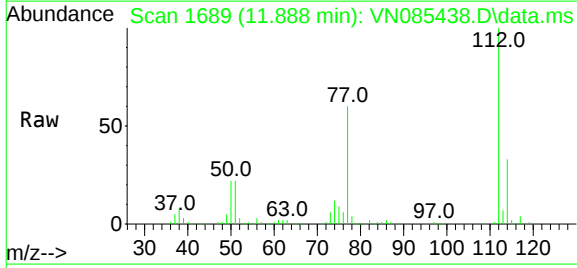
#65  
Chlorobenzene  
Concen: 103.482 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:112 Resp: 677679  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.3 37.9

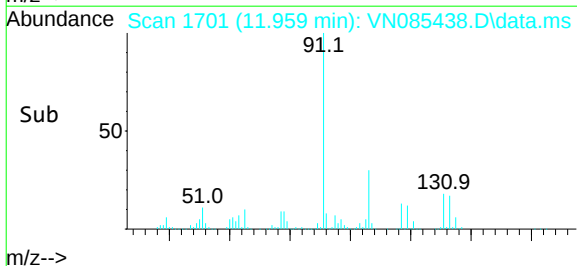
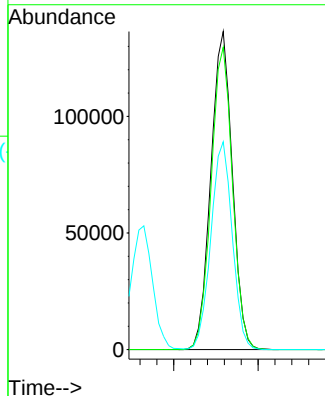
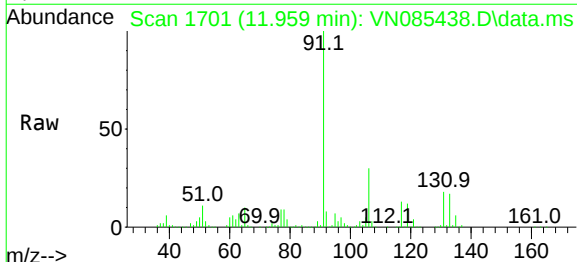
Manual Integrations  
APPROVED

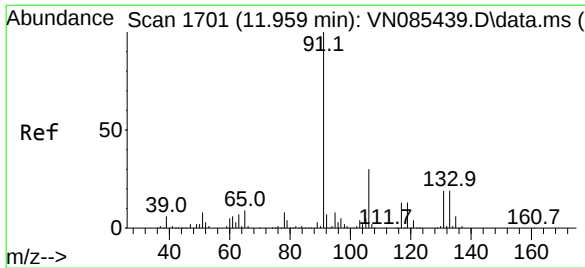
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#66  
1,1,1,2-Tetrachloroethane  
Concen: 100.517 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion:131 Resp: 241593  
Ion Ratio Lower Upper  
131 100  
133 94.3 47.4 142.3  
119 64.9 33.1 99.5





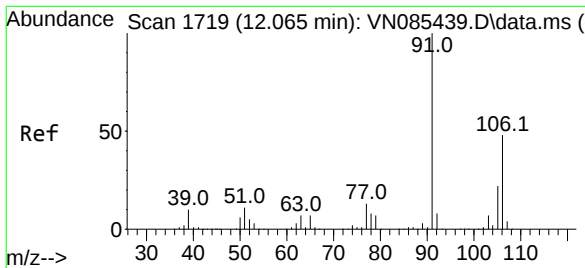
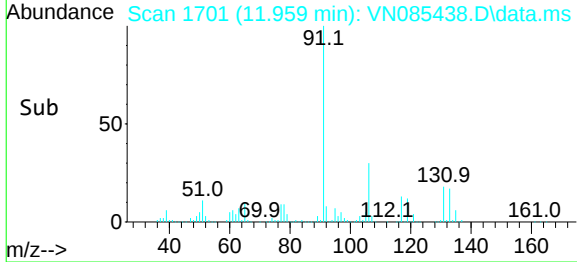
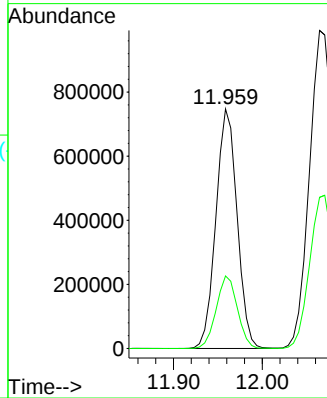
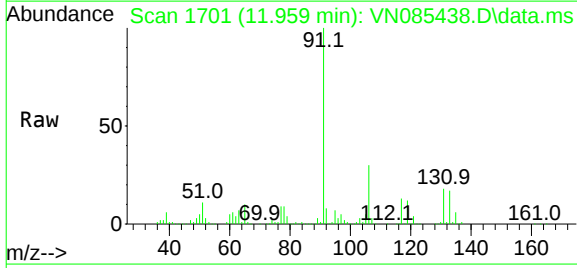
#67  
Ethyl Benzene  
Concen: 116.169 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 91 Resp: 1239080  
Ion Ratio Lower Upper  
91 100  
106 30.3 23.8 35.8

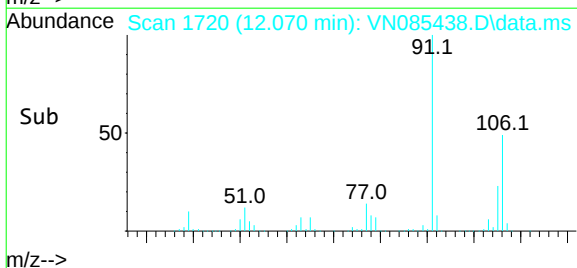
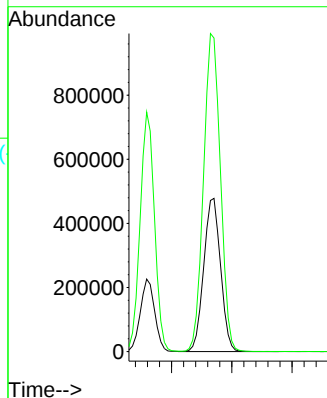
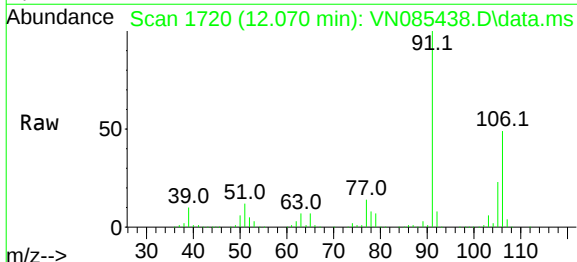
Manual Integrations  
APPROVED

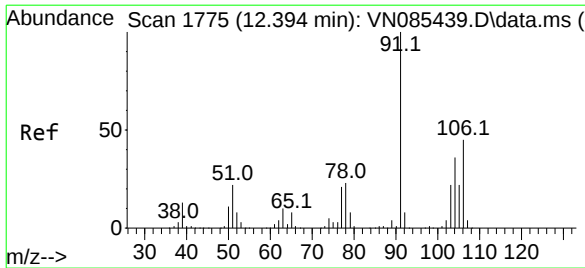
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#68  
m/p-Xylenes  
Concen: 235.219 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.006 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion:106 Resp: 927244  
Ion Ratio Lower Upper  
106 100  
91 208.0 167.7 251.5





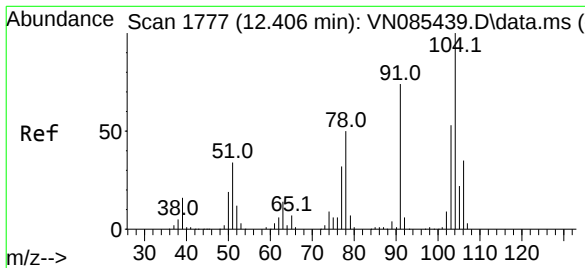
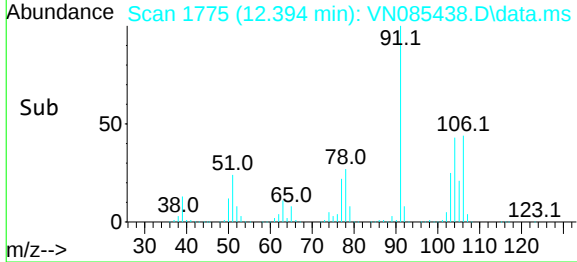
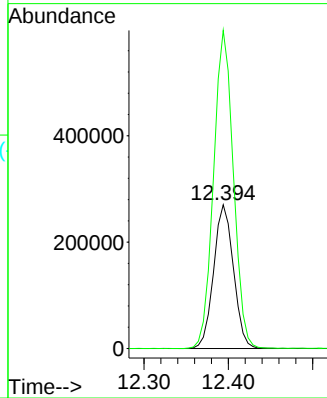
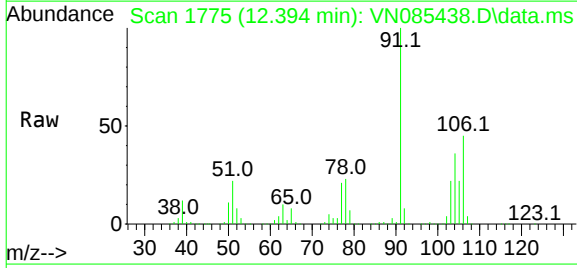
#69  
o-Xylene  
Concen: 117.135 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion:106 Resp: 441279  
Ion Ratio Lower Upper  
106 100  
91 221.3 110.4 331.2

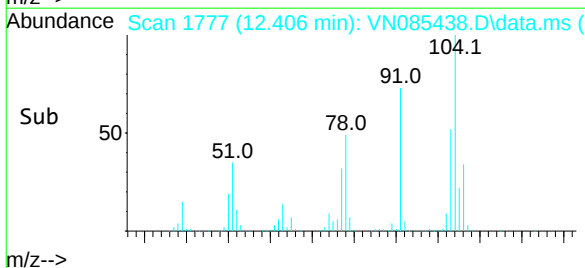
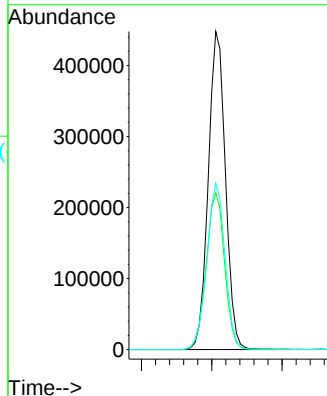
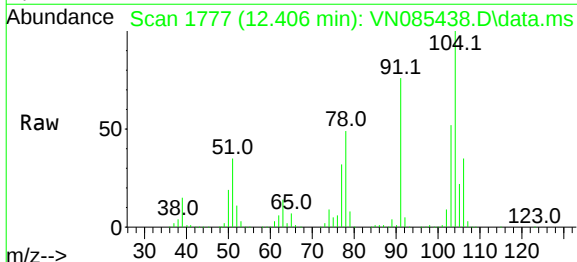
Manual Integrations  
APPROVED

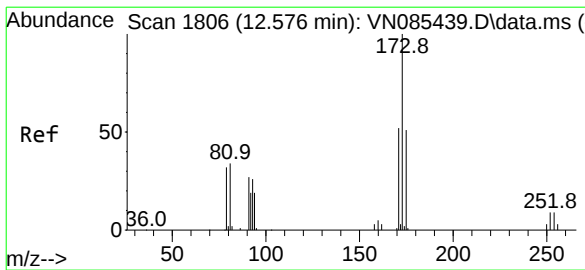
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#70  
Styrene  
Concen: 121.919 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion:104 Resp: 760136  
Ion Ratio Lower Upper  
104 100  
78 52.8 42.5 63.7  
103 55.3 43.8 65.8





#71

Bromoform

Concen: 108.227 ug/l

RT: 12.576 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

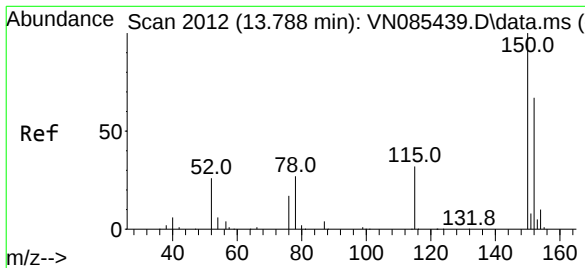
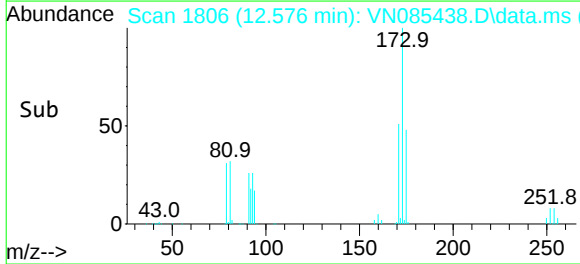
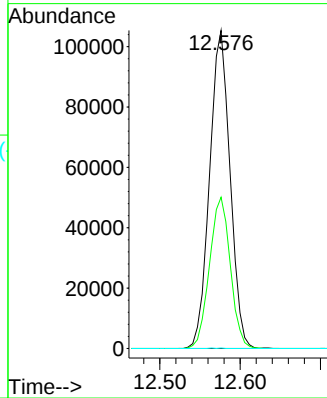
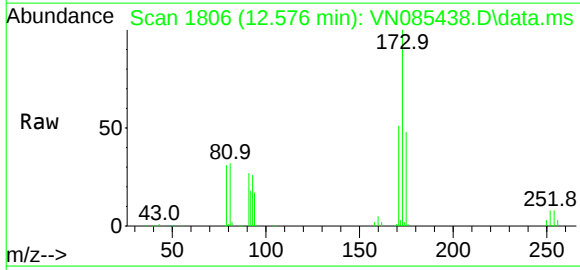
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 173   | Resp: | 186124 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.4  | 24.4  | 73.2   |
| 254       | 0.1   | 0.0   | 0.0    |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

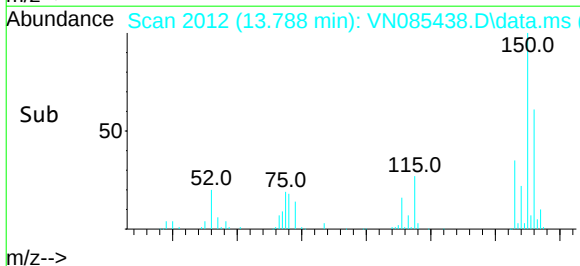
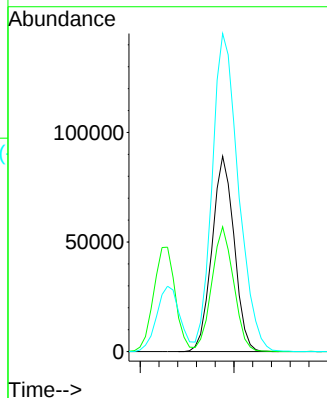
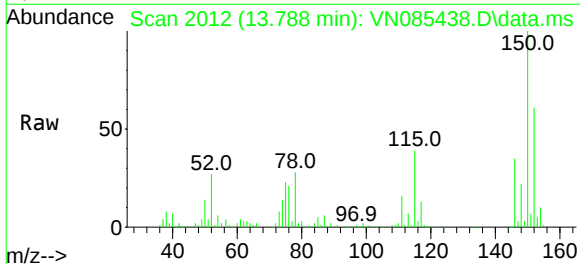
RT: 13.788 min Scan# 2012

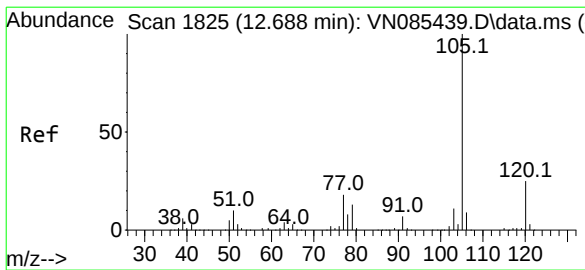
Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 146196 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 62.7  | 31.1  | 93.3   |
| 150       | 193.1 | 0.0   | 343.6  |





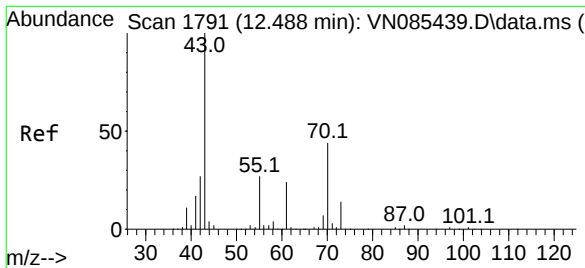
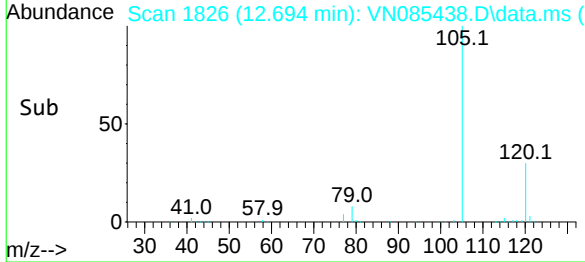
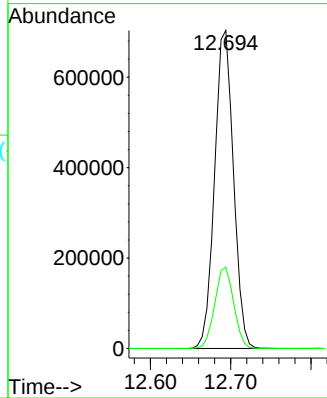
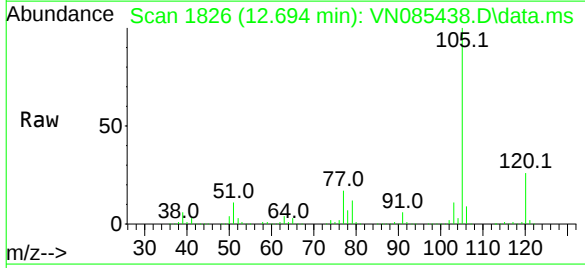
#73  
Isopropylbenzene  
Concen: 116.221 ug/l  
RT: 12.694 min Scan# 1825  
Delta R.T. 0.006 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion:105 Resp: 1146752  
Ion Ratio Lower Upper  
105 100  
120 25.7 12.8 38.3

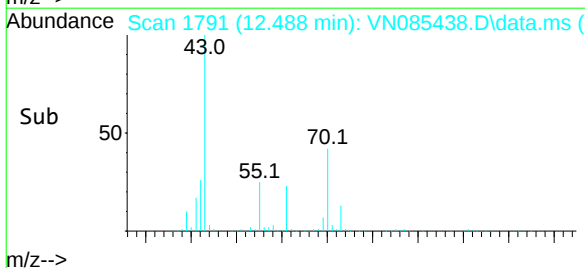
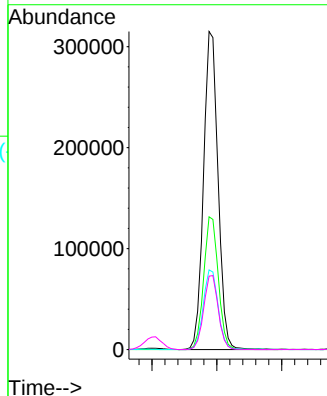
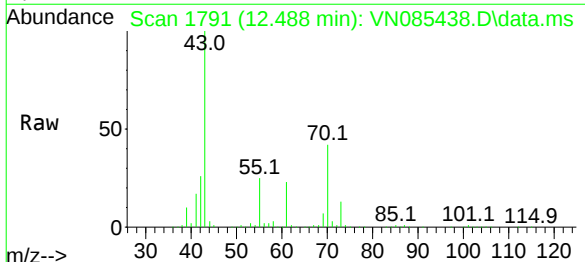
Manual Integrations  
APPROVED

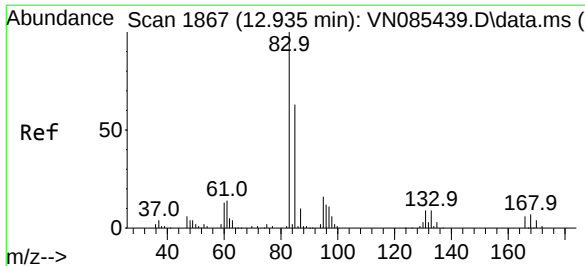
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#74  
N-ethyl acetate  
Concen: 110.308 ug/l  
RT: 12.488 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 43 Resp: 489217  
Ion Ratio Lower Upper  
43 100  
70 41.9 34.0 51.0  
55 25.7 21.4 32.2  
61 23.5 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 94.039 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

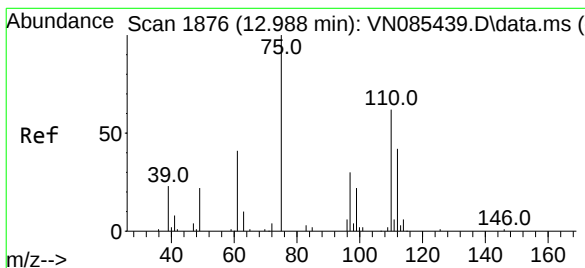
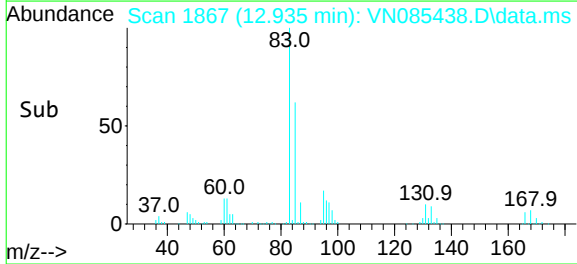
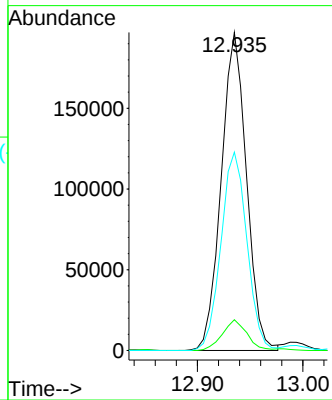
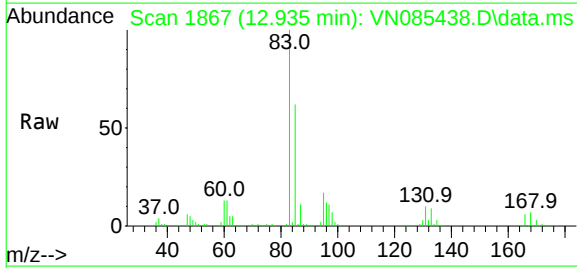
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 327767 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 9.8   | 4.8   | 14.4   |
| 85       | 64.1  | 32.2  | 96.6   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#76

1,2,3-Trichloropropane

Concen: 104.530 ug/l m

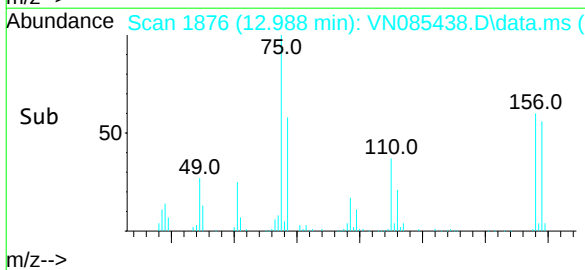
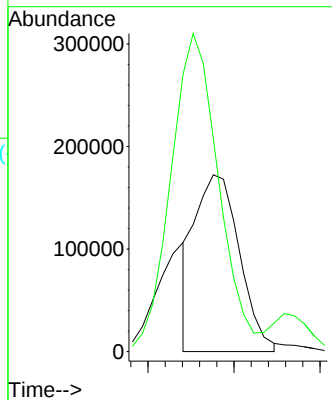
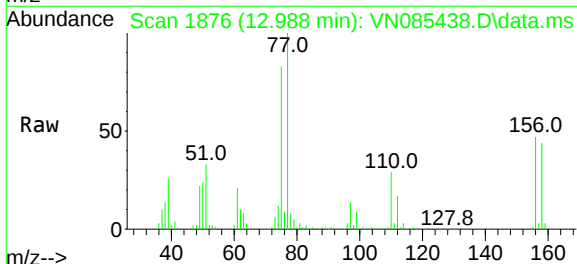
RT: 12.988 min Scan# 1876

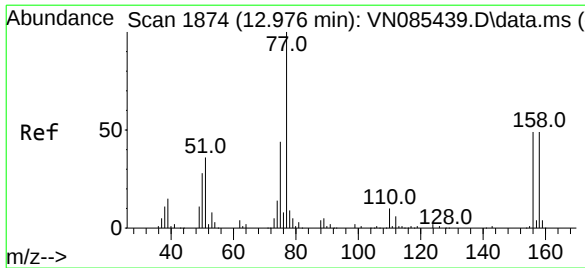
Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 310115 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 192.6 | 109.7 | 329.2  |





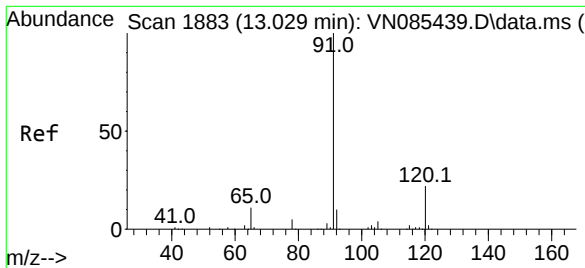
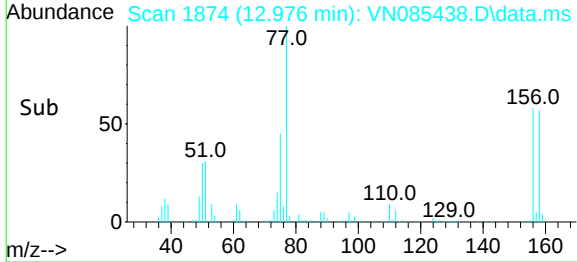
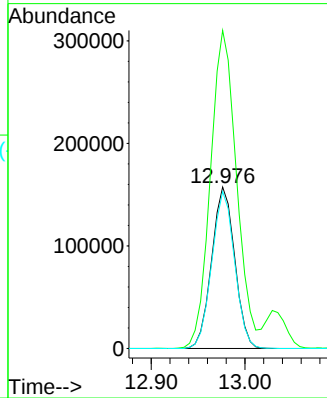
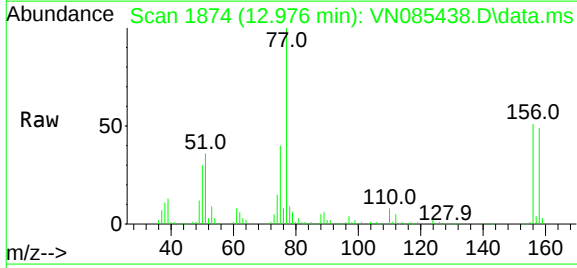
#77  
Bromobenzene  
Concen: 104.200 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:156 Resp: 268616  
Ion Ratio Lower Upper  
156 100  
77 222.4 114.1 342.4  
158 96.3 48.9 146.8

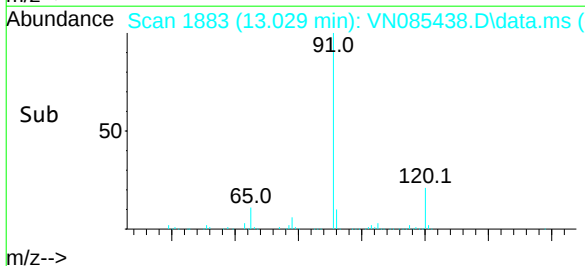
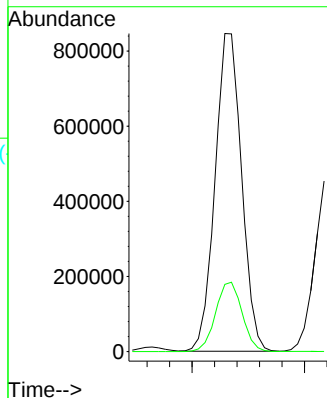
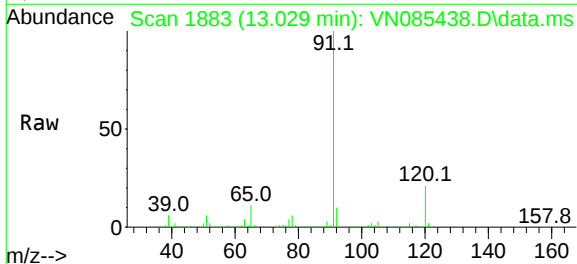
Manual Integrations  
APPROVED

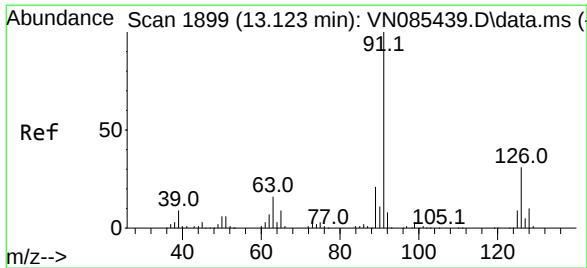
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#78  
n-propylbenzene  
Concen: 118.600 ug/l  
RT: 13.029 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 91 Resp: 1385353  
Ion Ratio Lower Upper  
91 100  
120 21.8 10.9 32.6





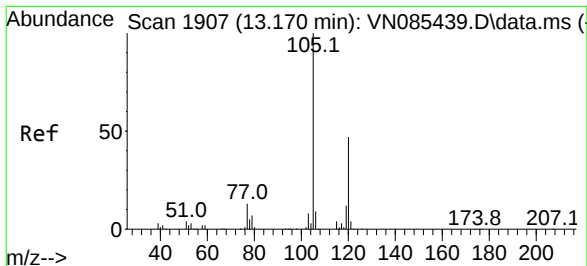
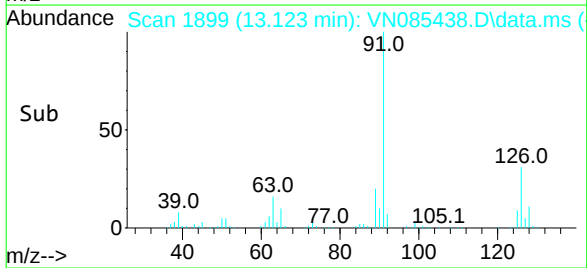
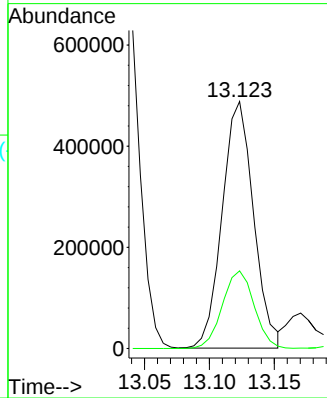
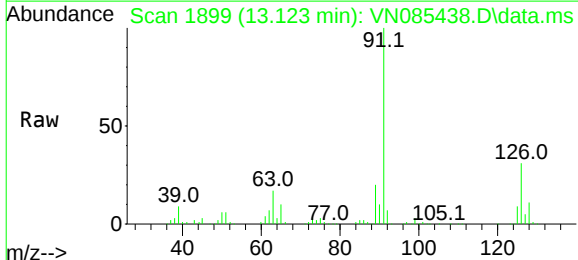
#79  
2-Chlorotoluene  
Concen: 108.767 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 91 Resp: 822258  
Ion Ratio Lower Upper  
91 100  
126 31.8 15.7 47.1

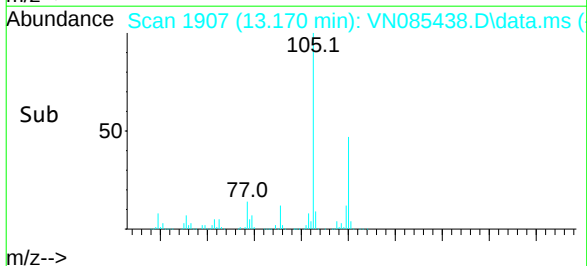
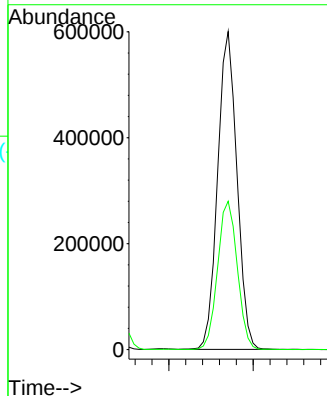
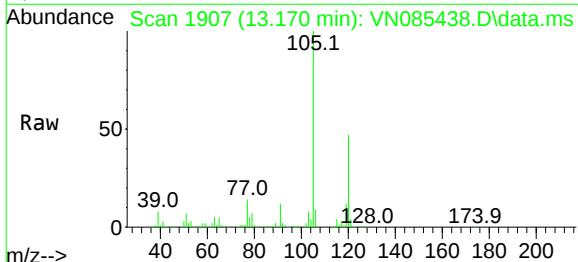
Manual Integrations  
APPROVED

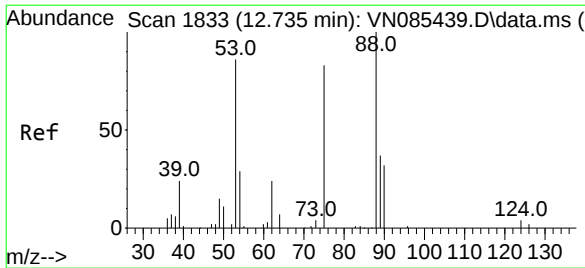
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#80  
1,3,5-Trimethylbenzene  
Concen: 116.938 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

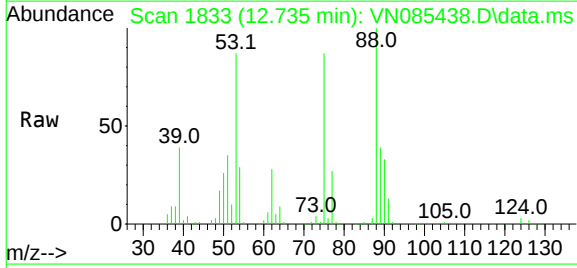
Tgt Ion:105 Resp: 953066  
Ion Ratio Lower Upper  
105 100  
120 47.8 23.9 71.7





#81  
trans-1,4-Dichloro-2-butene  
Concen: 111.544 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

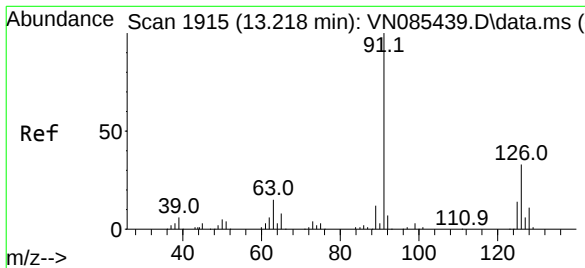
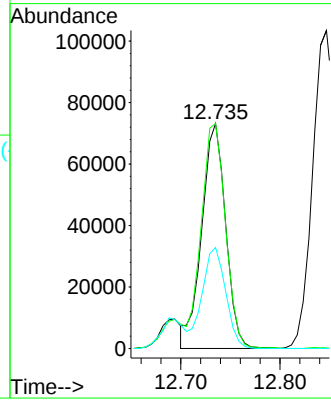
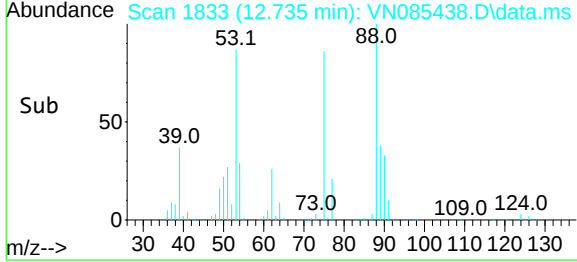
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion: 75 Resp: 122508  
Ion Ratio Lower Upper  
75 100  
53 100.9 95.6 143.4  
89 44.4 37.0 55.6

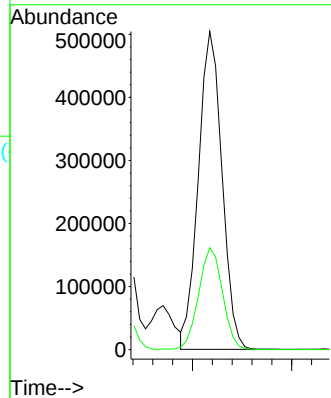
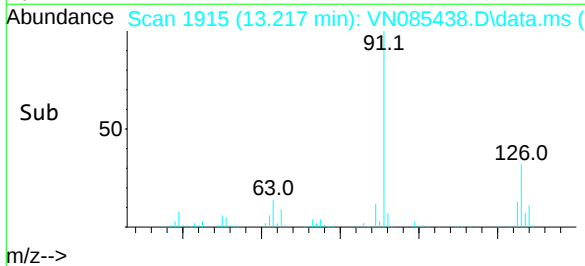
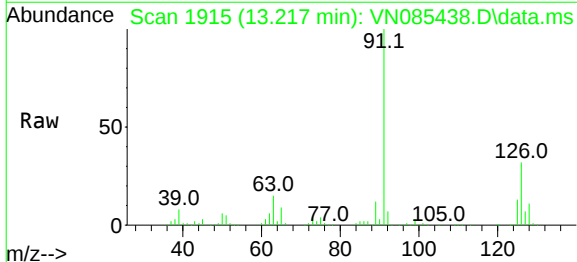
Manual Integrations  
APPROVED

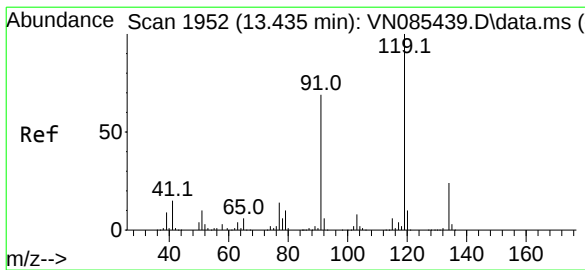
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#82  
4-Chlorotoluene  
Concen: 110.574 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 91 Resp: 832317  
Ion Ratio Lower Upper  
91 100  
126 32.5 15.9 47.7





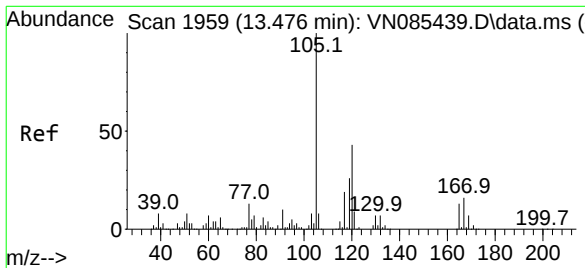
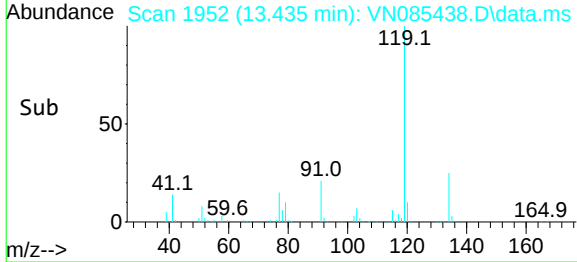
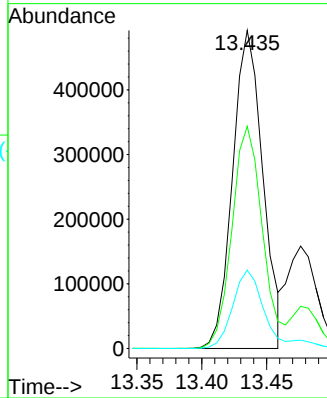
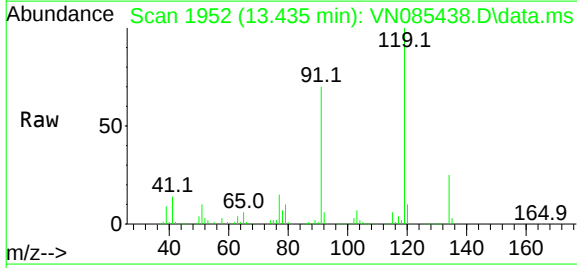
#83  
tert-Butylbenzene  
Concen: 116.457 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion:119 Resp: 797069  
Ion Ratio Lower Upper  
119 100  
91 70.7 35.1 105.3  
134 26.6 12.0 36.1

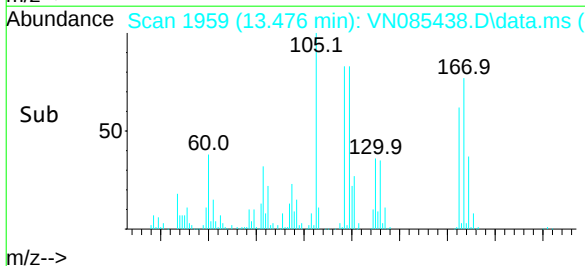
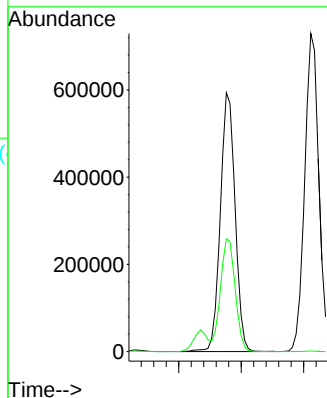
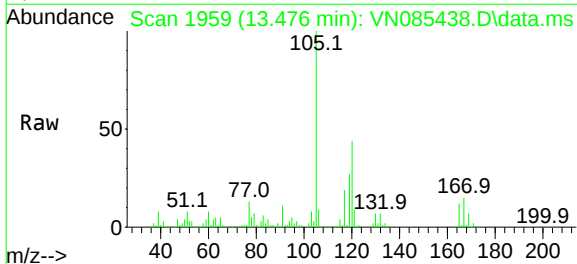
Manual Integrations  
APPROVED

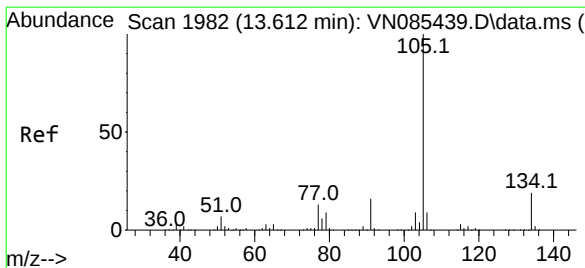
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#84  
1,2,4-Trimethylbenzene  
Concen: 119.625 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion:105 Resp: 971729  
Ion Ratio Lower Upper  
105 100  
120 43.4 21.6 65.0





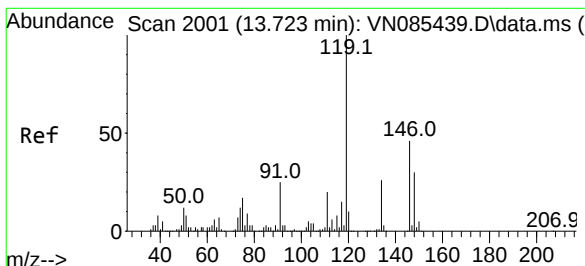
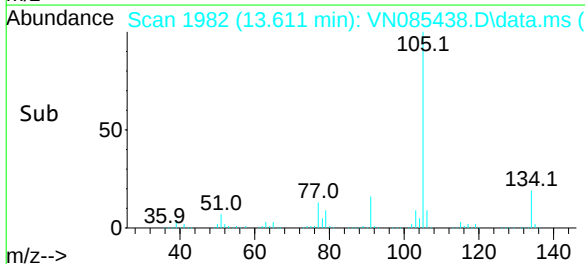
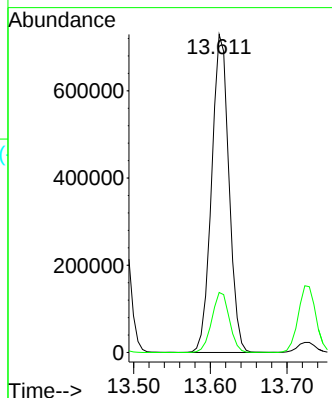
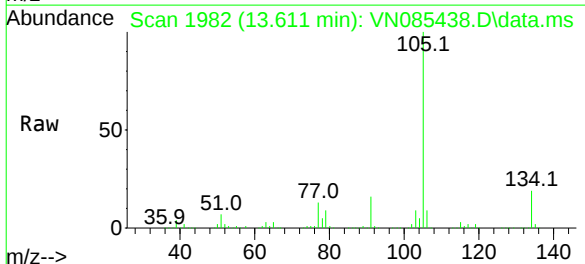
#85  
sec-Butylbenzene  
Concen: 120.587 ug/l  
RT: 13.611 min Scan# 1982  
Delta R.T. -0.001 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion:105 Resp: 1143885  
Ion Ratio Lower Upper  
105 100  
134 19.2 9.7 28.9

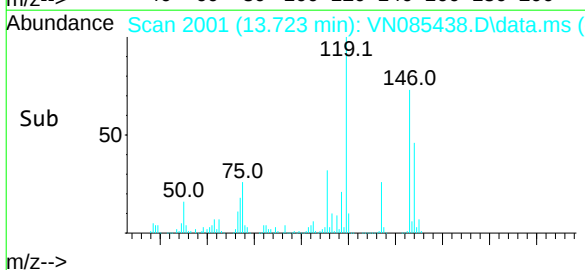
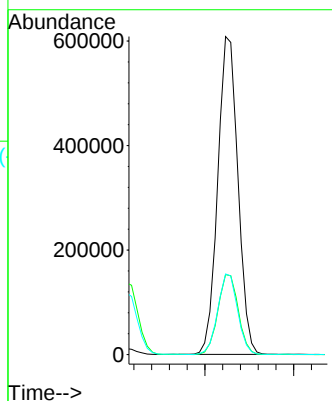
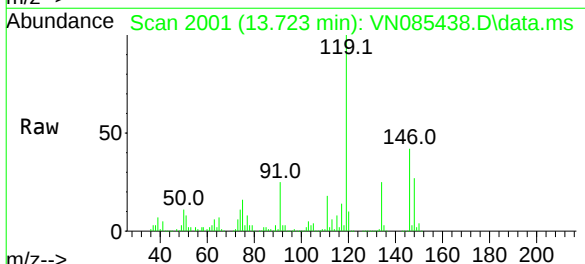
Manual Integrations  
APPROVED

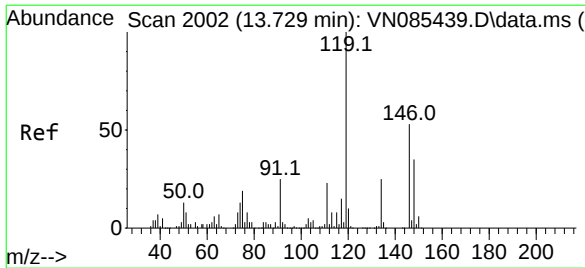
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#86  
p-Isopropyltoluene  
Concen: 100.111 ug/l  
RT: 13.723 min Scan# 2001  
Delta R.T. 0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion:119 Resp: 960747  
Ion Ratio Lower Upper  
119 100  
134 25.3 12.7 38.0  
91 25.0 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 105.943 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

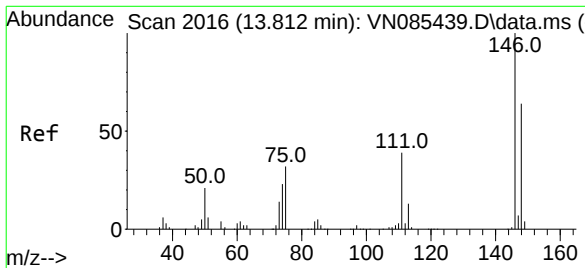
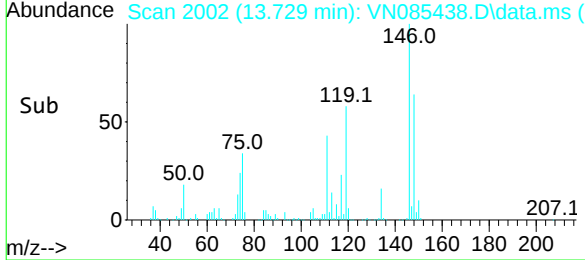
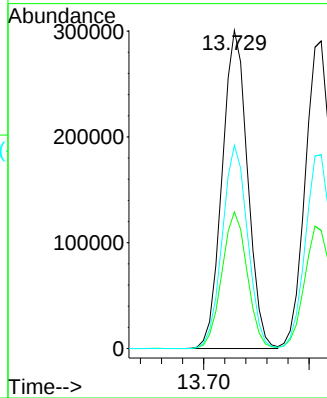
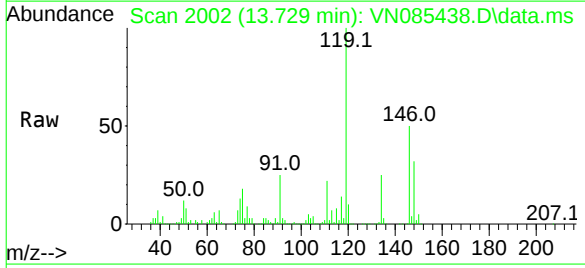
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 502960 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 42.8  | 21.4  | 64.3   |
| 148       | 63.6  | 32.3  | 96.9   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#88

1,4-Dichlorobenzene

Concen: 101.341 ug/l

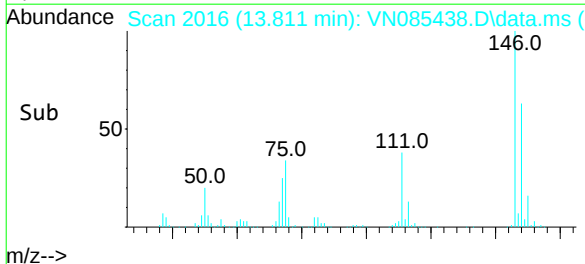
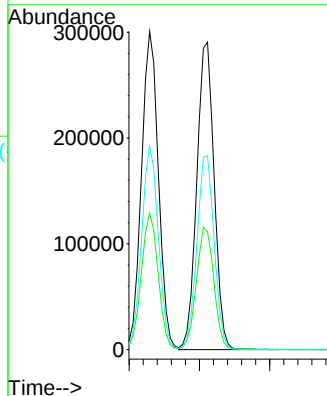
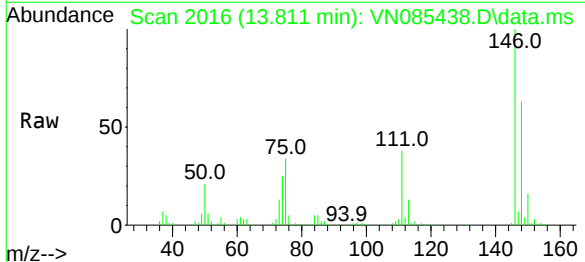
RT: 13.811 min Scan# 2016

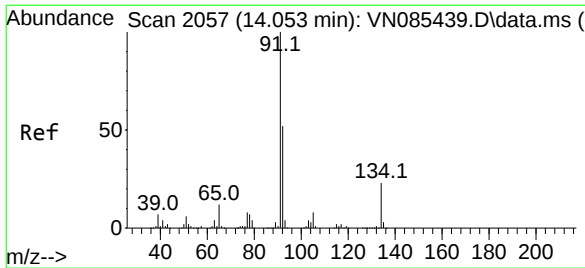
Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 498709 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.1  | 21.3  | 63.7   |
| 148       | 63.1  | 32.4  | 97.0   |





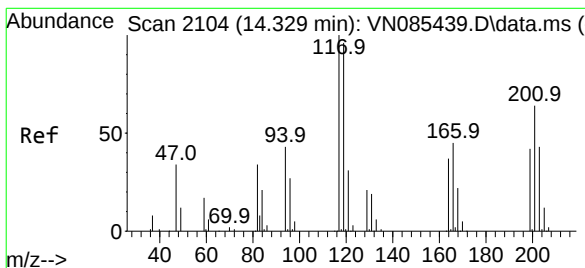
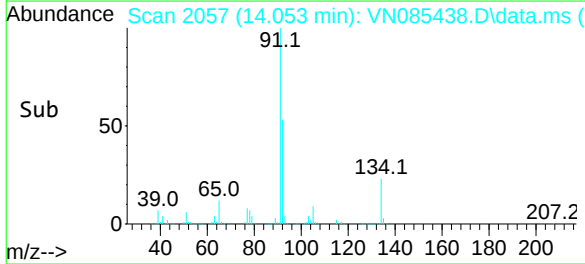
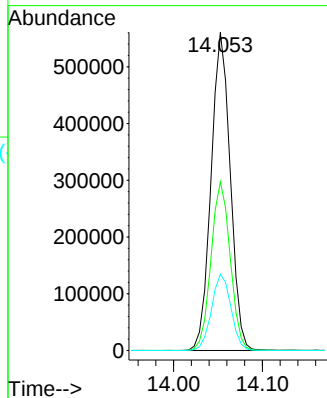
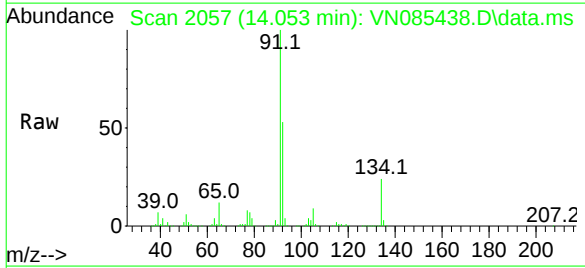
#89  
n-Butylbenzene  
Concen: 123.781 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 91 Resp: 842368  
Ion Ratio Lower Upper  
91 100  
92 52.8 25.8 77.3  
134 24.3 11.7 35.1

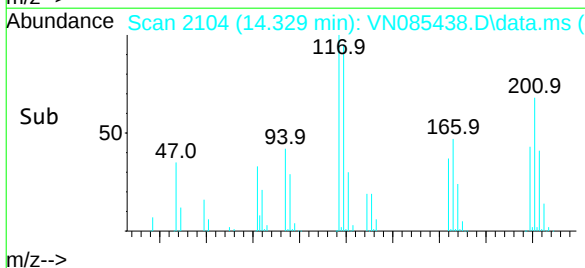
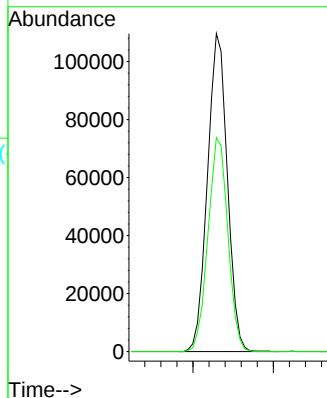
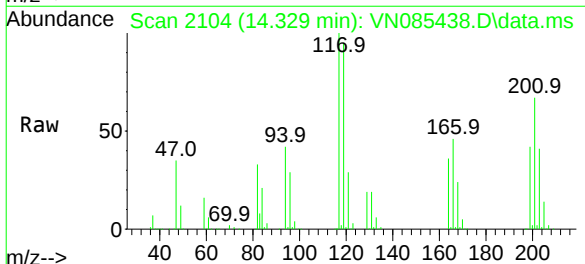
Manual Integrations  
APPROVED

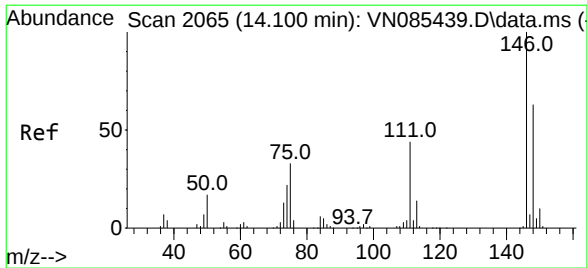
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#90  
Hexachloroethane  
Concen: 104.405 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

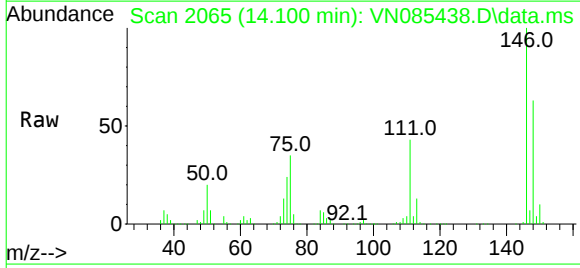
Tgt Ion:117 Resp: 188541  
Ion Ratio Lower Upper  
117 100  
201 67.2 33.7 101.0





#91  
1,2-Dichlorobenzene  
Concen: 99.445 ug/l  
RT: 14.100 min Scan# 2065  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

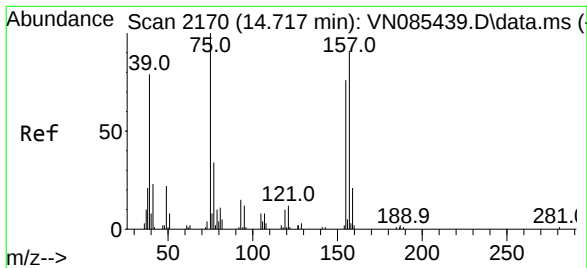
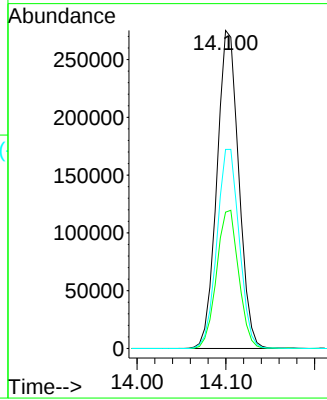
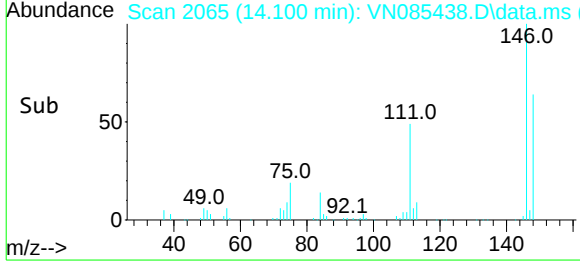
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion: 146 Resp: 470919  
Ion Ratio Lower Upper  
146 100  
111 43.9 21.7 65.1  
148 64.0 31.4 94.2

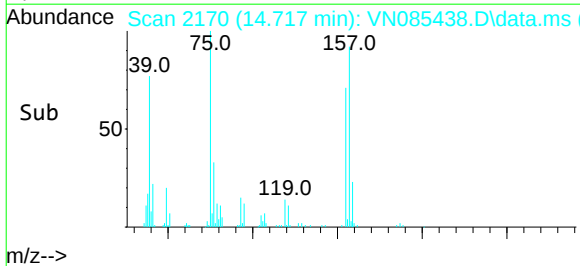
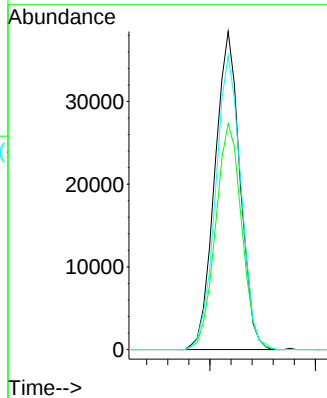
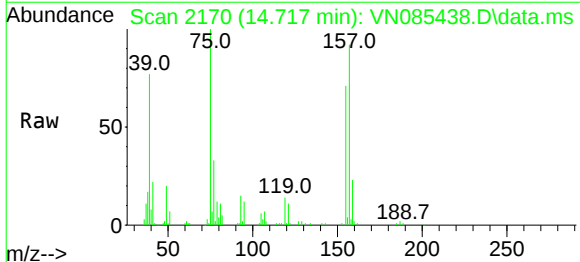
Manual Integrations  
APPROVED

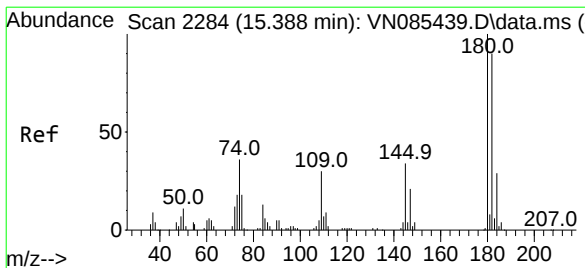
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 100.313 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion: 75 Resp: 63846  
Ion Ratio Lower Upper  
75 100  
155 73.5 36.4 109.2  
157 93.0 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 113.946 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 250787

Ion Ratio Lower Upper

180 100

182 94.9 46.8 140.3

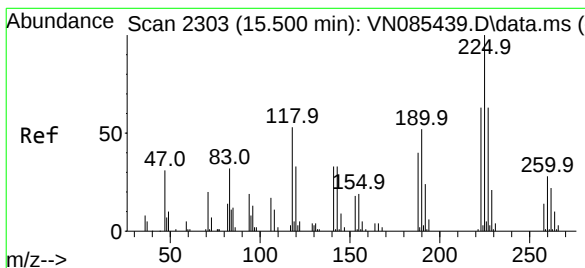
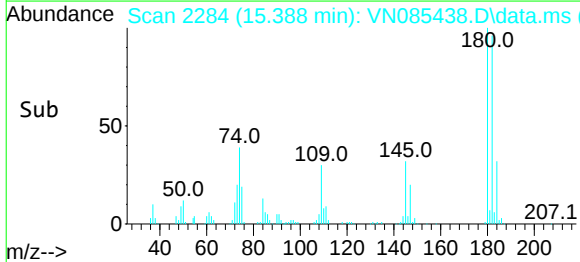
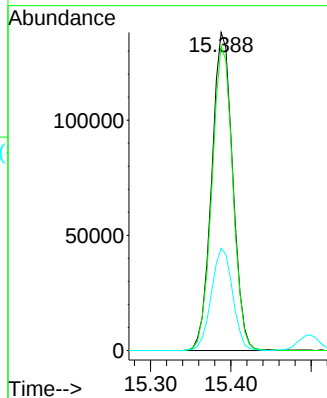
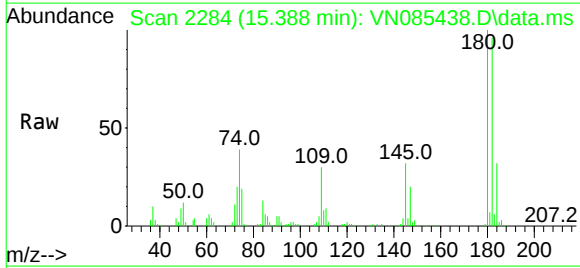
145 32.6 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#94

Hexachlorobutadiene

Concen: 96.619 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085438.D

Acq: 14 Jan 2025 14:56

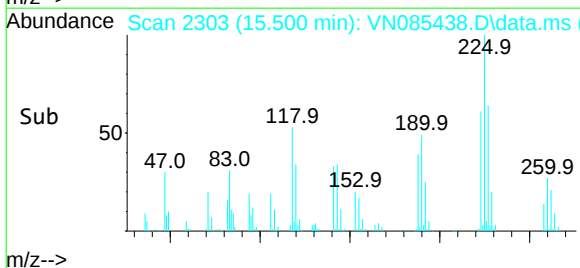
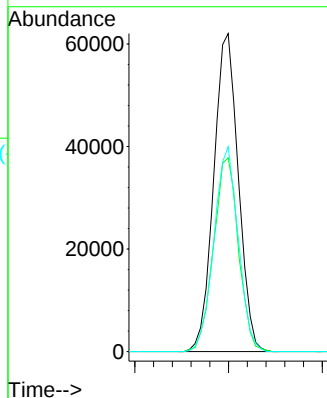
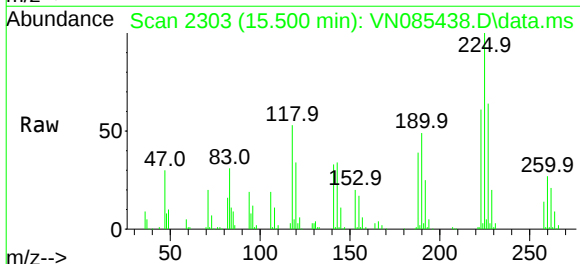
Tgt Ion:225 Resp: 112899

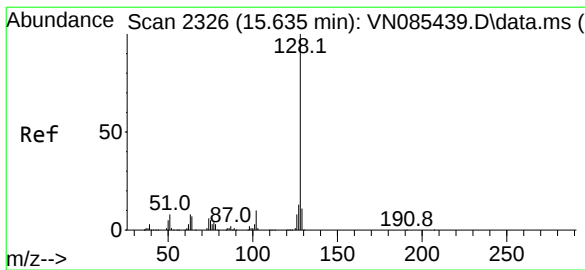
Ion Ratio Lower Upper

225 100

223 61.8 30.7 92.1

227 63.6 30.9 92.5





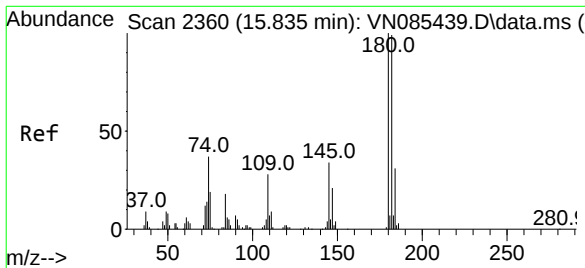
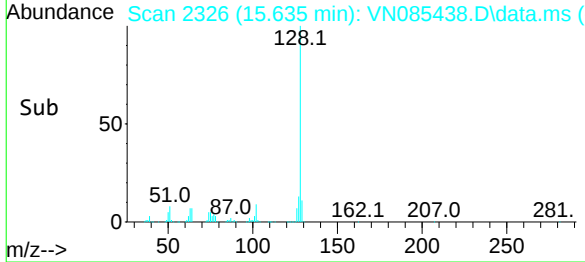
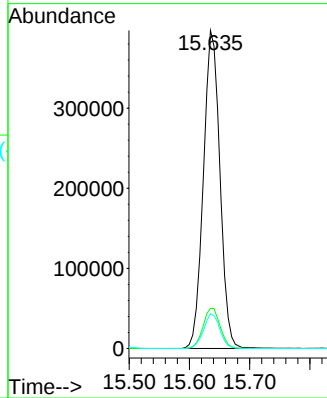
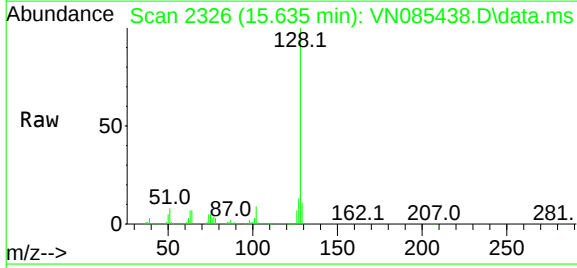
#95  
Naphthalene  
Concen: 115.234 ug/l  
RT: 15.635 min Scan# 2326  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:128 Resp: 756816  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.6 16.0  
129 10.8 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#96  
1,2,3-Trichlorobenzene  
Concen: 107.256 ug/l  
RT: 15.835 min Scan# 2360  
Delta R.T. -0.000 min  
Lab File: VN085438.D  
Acq: 14 Jan 2025 14:56

Tgt Ion:180 Resp: 238860  
Ion Ratio Lower Upper  
180 100  
182 95.0 47.4 142.2  
145 34.3 16.9 50.7

