

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041125\  
 Data File : VN086242.D  
 Acq On : 11 Apr 2025 11:04  
 Operator : JC\MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/14/2025  
 Supervised By : Mahesh Dadoda 04/14/2025

Quant Time: Apr 12 00:17:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041125W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Apr 12 00:09:06 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Bromochloromethane        | 7.812          | 128  | 20477      | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.100          | 114  | 121329     | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.865         | 117  | 110874     | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.576          | 65   | 59014      | 29.547   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = | 98.500%  |        |          |
| 60) 4-Bromofluorobenzene     | 12.847         | 95   | 66521      | 30.135   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = | 100.433% |        |          |
| 63) Toluene-d8               | 10.565         | 98   | 185448     | 29.627   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = | 98.767%  |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 167899     | 102.336  | ug/l   | 97       |
| 3) Chloromethane             | 2.359          | 50   | 220891     | 97.412   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.518          | 62   | 212658     | 98.457   | ug/l   | 97       |
| 5) Bromomethane              | 2.959          | 94   | 94323      | 87.548   | ug/l   | 99       |
| 6) Chloroethane              | 3.118          | 64   | 128777     | 94.415   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.500          | 101  | 227259     | 96.994   | ug/l   | 100      |
| 8) Diethyl Ether             | 3.959          | 74   | 101866     | 94.275   | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 4.371          | 101  | 139276     | 96.398   | ug/l   | 99       |
| 10) 1,1-Dichloroethene       | 4.341          | 96   | 144087     | 92.407   | ug/l   | 98       |
| 11) Methyl Iodide            | 4.589          | 142  | 168878     | 94.232   | ug/l   | 98       |
| 12) Methyl Acetate           | 5.018          | 43   | 200798     | 91.194   | ug/l   | 99       |
| 13) Acrolein                 | 4.177          | 56   | 131999     | 527.390  | ug/l   | 100      |
| 14) Acrylonitrile            | 5.712          | 53   | 430948     | 463.608  | ug/l   | 99       |
| 15) Acetone                  | 4.424          | 58   | 102413     | 434.159  | ug/l   | 86       |
| 16) Carbon Disulfide         | 4.712          | 76   | 413127     | 92.399   | ug/l   | 99       |
| 17) Allyl chloride           | 5.018          | 41   | 254150     | 93.519   | ug/l   | 98       |
| 18) Methylene Chloride       | 5.277          | 84   | 164274     | 92.405   | ug/l   | 94       |
| 19) trans-1,2-Dichloroethene | 5.783          | 96   | 152296     | 108.281  | ug/l   | 99       |
| 20) Diisopropyl ether        | 6.665          | 45   | 555310     | 95.034   | ug/l   | 96       |
| 21) 1,1-Dichloroethane       | 6.565          | 63   | 298980     | 95.915   | ug/l   | 98       |
| 22) cis-1,2-Dichloroethene   | 7.482          | 96   | 182539     | 93.299   | ug/l   | 97       |
| 23) tert-Butyl Alcohol       | 5.512          | 59   | 171504     | 445.280  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.788          | 73   | 526162     | 93.663   | ug/l   | 98       |
| 25) Chloroform               | 7.965          | 83   | 281205     | 94.604   | ug/l   | 96       |
| 26) Cyclohexane              | 8.253          | 56   | 277499     | 95.155   | ug/l # | 99       |
| 29) 1,1-Dichloropropene      | 8.371          | 75   | 213302     | 98.138   | ug/l   | 99       |
| 30) 2-Butanone               | 7.477          | 43   | 562722     | 467.239  | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 7.488          | 77   | 263451     | 98.472   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 8.165          | 97   | 237411     | 94.957   | ug/l   | 100      |
| 33) Carbon Tetrachloride     | 8.359          | 117  | 195904     | 98.048   | ug/l   | 99       |
| 34) Benzene                  | 8.600          | 78   | 675144     | 97.638   | ug/l   | 97       |
| 35) Methacrylonitrile        | 7.777          | 41   | 129803     | 95.604   | ug/l   | 99       |
| 36) 1,2-Dichloroethane       | 8.665          | 62   | 210783     | 97.412   | ug/l   | 99       |
| 37) Trichloroethene          | 9.347          | 130  | 163126     | 97.775   | ug/l   | 91       |
| 38) Methylcyclohexane        | 9.594          | 83   | 265418     | 99.571   | ug/l   | 100      |
| 39) 1,2-Dichloropropane      | 9.618          | 63   | 169660     | 98.606   | ug/l   | 98       |
| 40) Dibromomethane           | 9.706          | 93   | 105464     | 94.904   | ug/l   | 99       |
| 41) Bromodichloromethane     | 9.882          | 83   | 225206     | 94.332   | ug/l   | 99       |
| 42) Vinyl Acetate            | 6.600          | 43   | 1951001    | 475.901  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041125\  
 Data File : VN086242.D  
 Acq On : 11 Apr 2025 11:04  
 Operator : JC\MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: Apr 12 00:17:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041125W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Apr 12 00:09:06 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/14/2025  
 Supervised By : Mahesh Dadoda 04/14/2025

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 43) Ethyl Acetate             | 7.559  | 43   | 222324   | 91.520   | ug/l   | 99       |
| 44) Isopropyl Acetate         | 8.682  | 43   | 407532   | 90.431   | ug/l   | 98       |
| 45) 1,4-Dioxane               | 9.694  | 88   | 65820    | 1836.730 | ug/l # | 92       |
| 46) Methyl methacrylate       | 9.676  | 41   | 189237   | 95.302   | ug/l   | 99       |
| 47) n-amyl Acetate            | 12.488 | 43   | 338467   | 92.953   | ug/l   | 99       |
| 48) t-1,3-Dichloropropene     | 10.829 | 75   | 263069   | 97.471   | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene   | 10.312 | 75   | 281650   | 98.600   | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane     | 11.012 | 97   | 147343   | 94.534   | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.870 | 69   | 276983   | 95.629   | ug/l   | 97       |
| 52) 1,3-Dichloropropane       | 11.159 | 76   | 268559   | 96.673   | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.359 | 129  | 164626   | 96.562   | ug/l   | 100      |
| 54) 1,2-Dibromoethane         | 11.465 | 107  | 149844   | 95.239   | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 10.159 | 63   | 109257   | 99.826   | ug/l   | 99       |
| 56) Bromoform                 | 12.576 | 173  | 105955   | 94.994   | ug/l   | 98       |
| 58) 4-Methyl-2-Pentanone      | 10.441 | 43   | 1157830  | 460.173  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.194 | 43   | 858112   | 458.017  | ug/l   | 100      |
| 61) Tetrachloroethene         | 11.100 | 164  | 159732   | 97.556   | ug/l   | 96       |
| 62) Toluene                   | 10.629 | 91   | 705070   | 94.810   | ug/l   | 99       |
| 64) Chlorobenzene             | 11.888 | 112  | 427265   | 94.040   | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 142064   | 94.745   | ug/l   | 99       |
| 66) Ethyl Benzene             | 11.959 | 91   | 775657   | 94.050   | ug/l   | 98       |
| 67) m/p-Xylenes               | 12.070 | 106  | 587623   | 191.616  | ug/l   | 99       |
| 68) o-Xylene                  | 12.394 | 106  | 287174   | 95.205   | ug/l   | 98       |
| 69) Styrene                   | 12.406 | 104  | 486004   | 95.537   | ug/l   | 99       |
| 70) Isopropylbenzene          | 12.694 | 105  | 705950   | 94.920   | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 184643   | 87.222   | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane    | 12.988 | 75   | 203289m  | 67.831   | ug/l   |          |
| 73) Bromobenzene              | 12.976 | 156  | 155884   | 94.613   | ug/l   | 99       |
| 74) n-propylbenzene           | 13.035 | 91   | 854262   | 96.989   | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 13.123 | 91   | 518416   | 93.916   | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 586325   | 95.970   | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene   | 12.735 | 75   | 95696    | 94.184   | ug/l   | 92       |
| 78) 4-Chlorotoluene           | 13.217 | 91   | 524792   | 95.194   | ug/l   | 99       |
| 79) tert-butylbenzene         | 13.435 | 119  | 492114   | 93.090   | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 593988   | 95.880   | ug/l   | 99       |
| 81) sec-Butylbenzene          | 13.611 | 105  | 711037   | 96.423   | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 13.723 | 119  | 599176   | 97.402   | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.729 | 146  | 290118   | 94.739   | ug/l   | 100      |
| 84) 1,4-Dichlorobenzene       | 13.806 | 146  | 290254   | 94.482   | ug/l   | 100      |
| 85) n-Butylbenzene            | 14.053 | 91   | 550772   | 99.247   | ug/l   | 100      |
| 86) Hexachloroethane          | 14.329 | 117  | 101143   | 97.469   | ug/l   | 98       |
| 87) 1,2-Dichlorobenzene       | 14.100 | 146  | 281264   | 93.023   | ug/l   | 100      |
| 88) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 42853    | 88.876   | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene    | 15.835 | 180  | 137279   | 93.313   | ug/l   | 100      |
| 90) Hexachlorobutadiene       | 15.500 | 225  | 55837    | 87.904   | ug/l   | 99       |
| 91) Naphthalene               | 15.635 | 128  | 516032   | 88.964   | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 137279   | 93.313   | ug/l   | 100      |

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

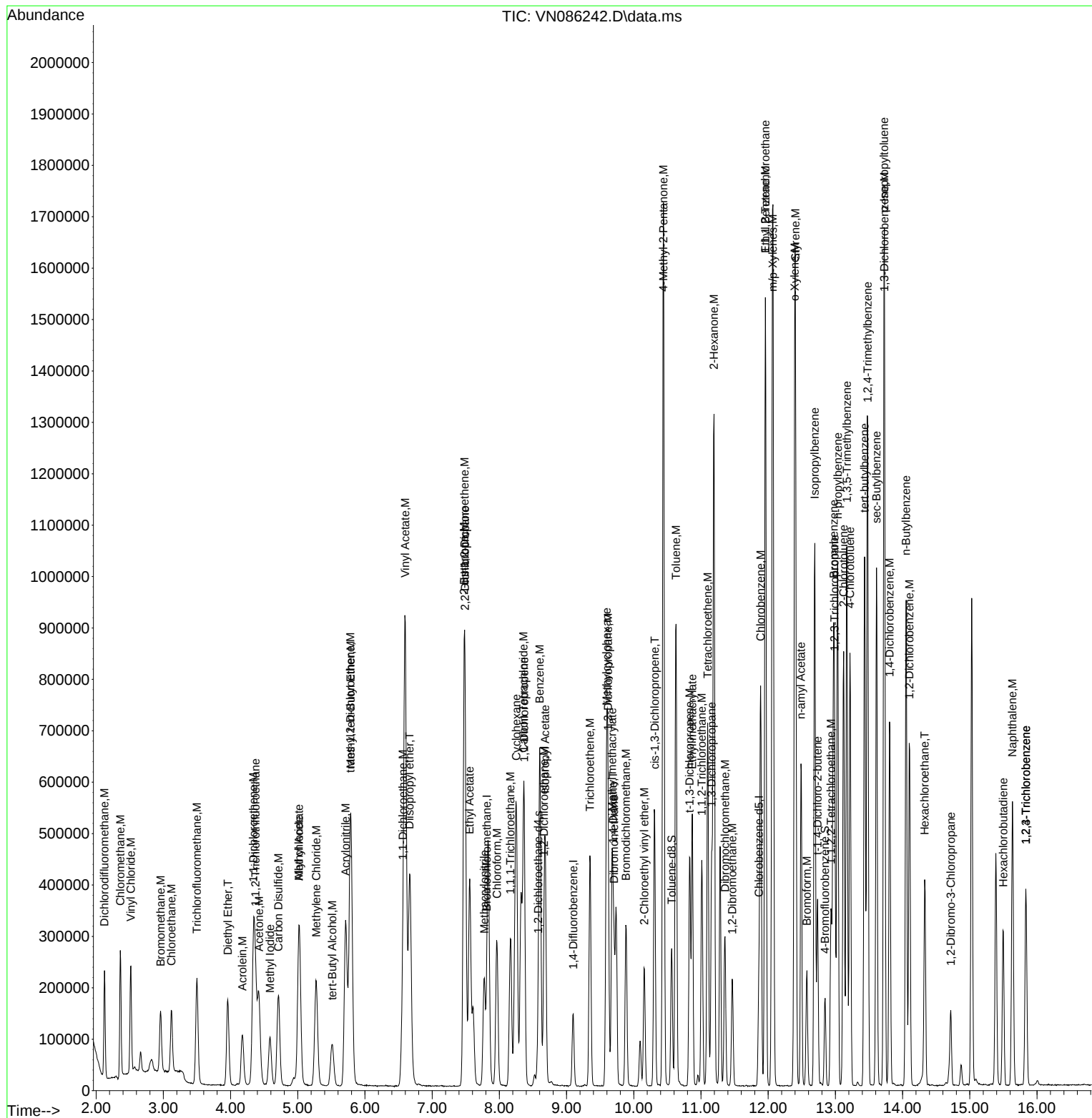
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041125\  
Data File : VN086242.D  
Acq On : 11 Apr 2025 11:04  
Operator : JC\MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

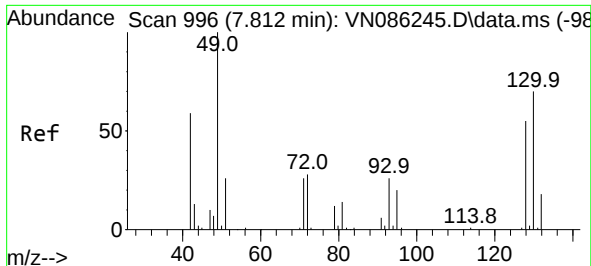
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Manual Integrations  
APPROVED

Reviewed By : John Carlone 04/14/2025  
Supervised By : Mahesh Dadoda 04/14/2025

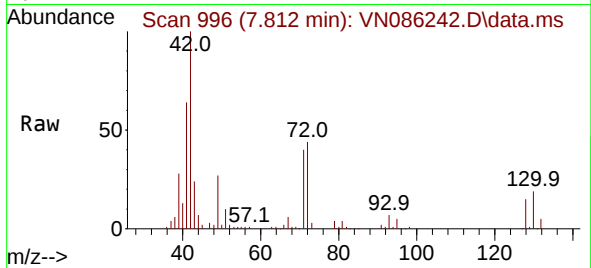
Quant Time: Apr 12 00:17:52 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041125W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Sat Apr 12 00:09:06 2025  
Response via : Initial Calibration





#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.812 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

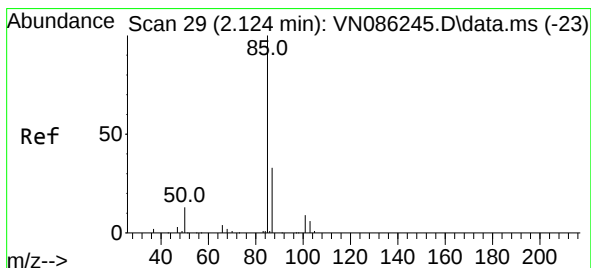
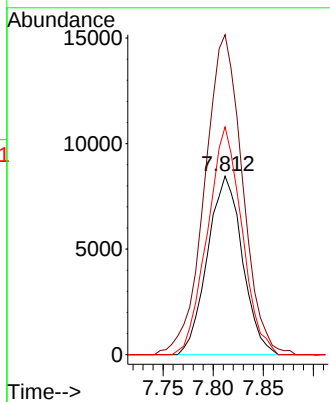
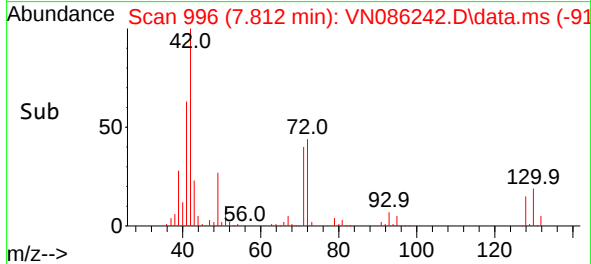
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion:128 Resp: 2047  
Ion Ratio Lower Upper  
128 100  
49 194.2 0.0 452.5  
130 126.4 0.0 315.0

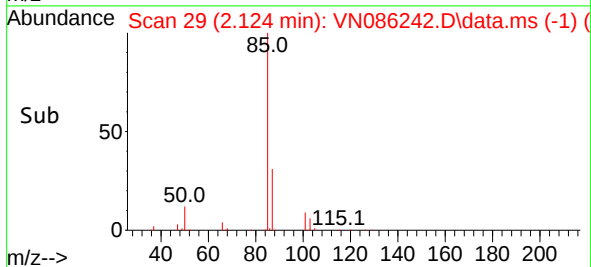
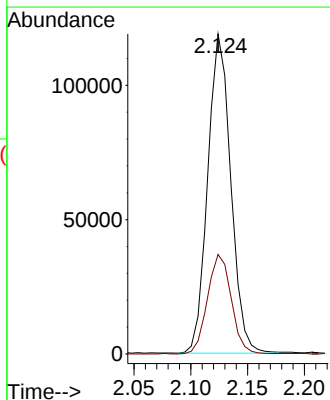
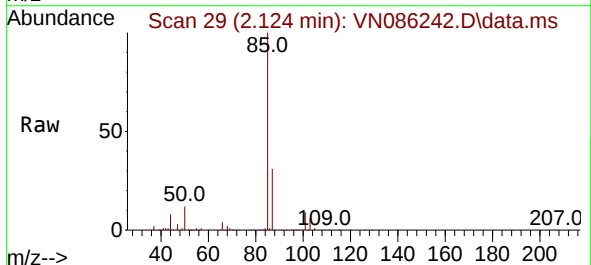
Manual Integrations  
APPROVED

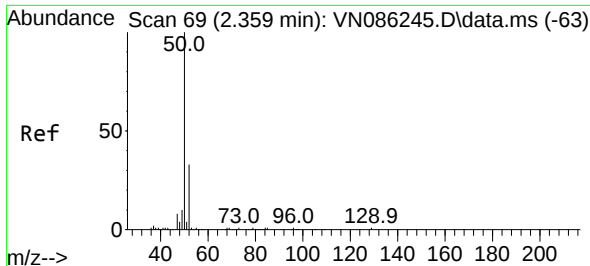
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#2  
Dichlorodifluoromethane  
Concen: 102.336 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Tgt Ion: 85 Resp: 167899  
Ion Ratio Lower Upper  
85 100  
87 31.2 16.3 48.9





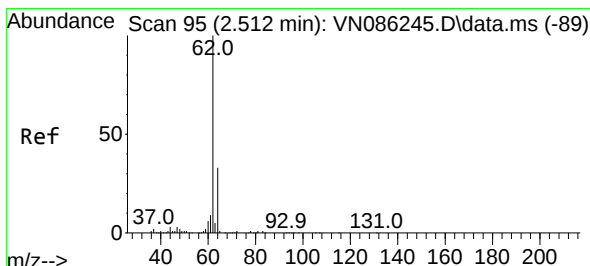
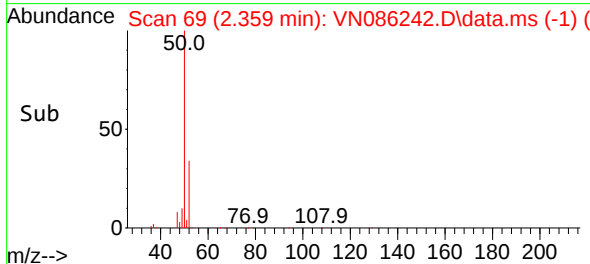
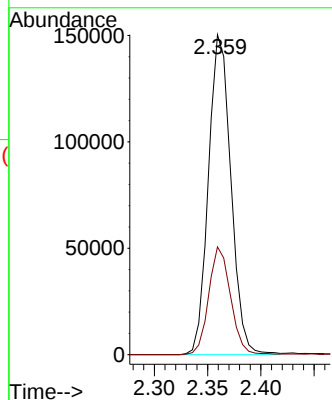
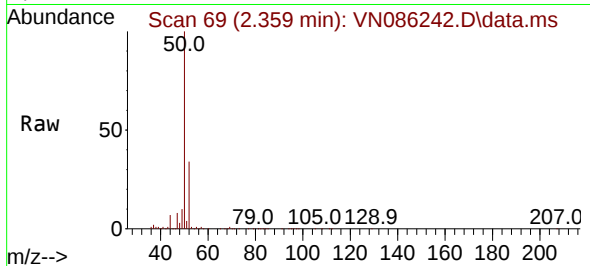
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Chloromethane  
Concen: 97.412 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 50 Resp: 22089  
Ion Ratio Lower Upper  
50 100  
52 33.7 26.4 39.6

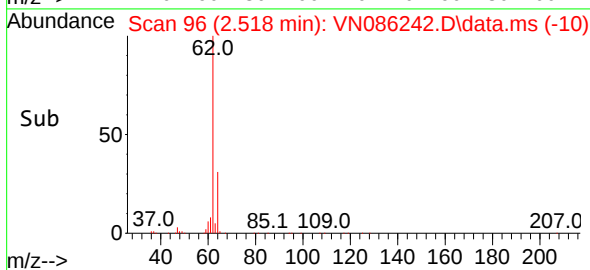
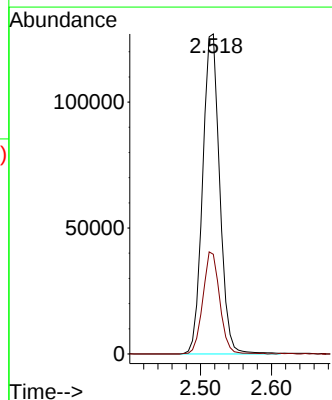
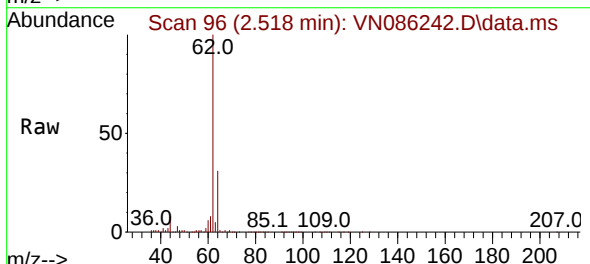
Manual Integrations  
APPROVED

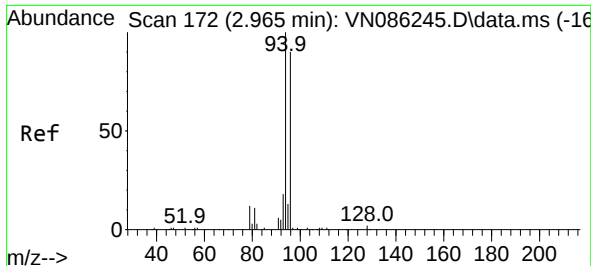
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#4  
Vinyl Chloride  
Concen: 98.457 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Tgt Ion: 62 Resp: 212658  
Ion Ratio Lower Upper  
62 100  
64 31.1 26.3 39.5





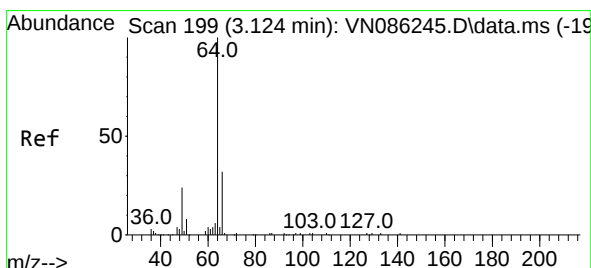
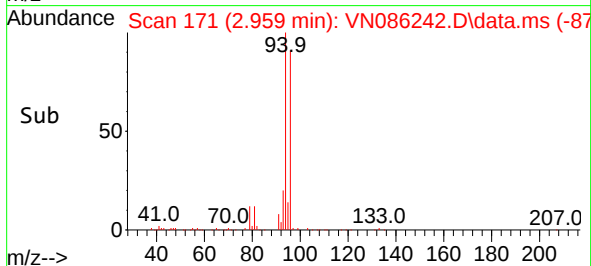
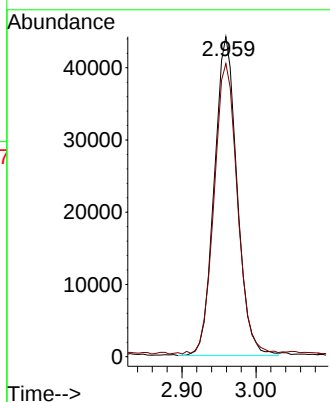
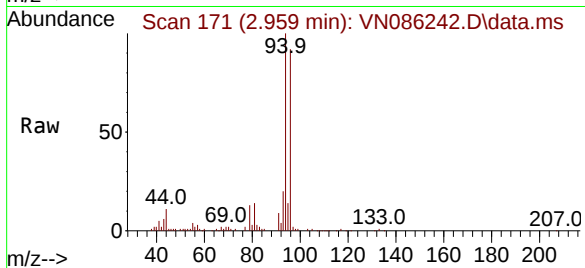
#5  
Bromomethane  
Concen: 87.548 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 94 Resp: 9432  
Ion Ratio Lower Upper  
94 100  
96 90.7 72.2 108.2

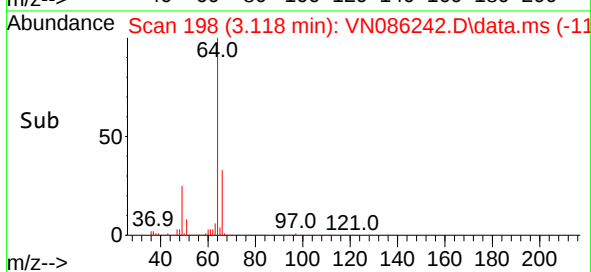
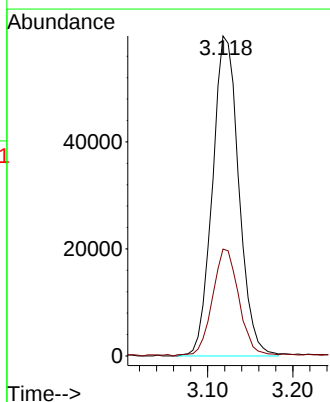
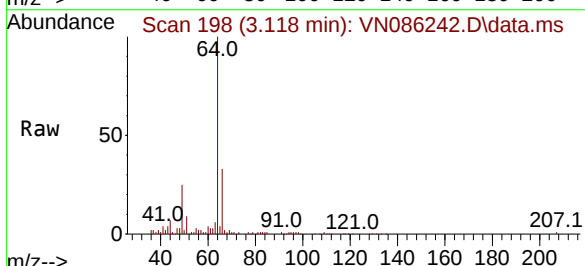
Manual Integrations  
APPROVED

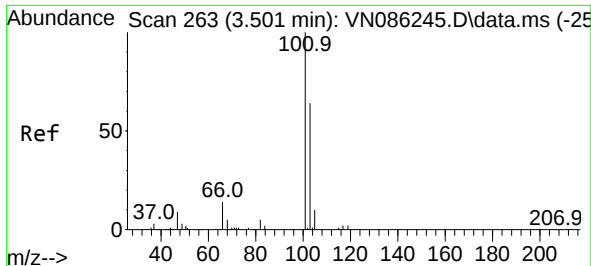
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#6  
Chloroethane  
Concen: 94.415 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

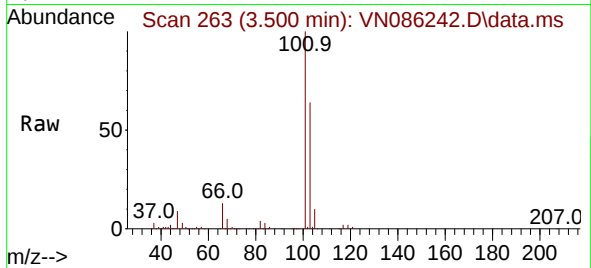
Tgt Ion: 64 Resp: 128777  
Ion Ratio Lower Upper  
64 100  
66 33.0 25.7 38.5





#7  
 Trichlorofluoromethane  
 Concen: 96.994 ug/l  
 RT: 3.500 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN086242.D  
 Acq: 11 Apr 2025 11:04

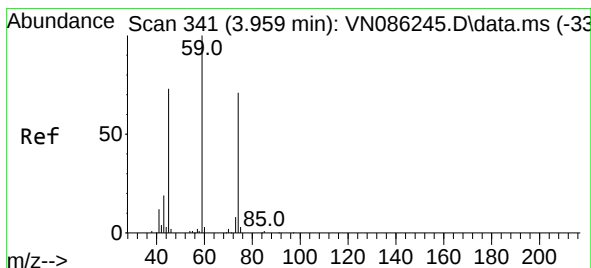
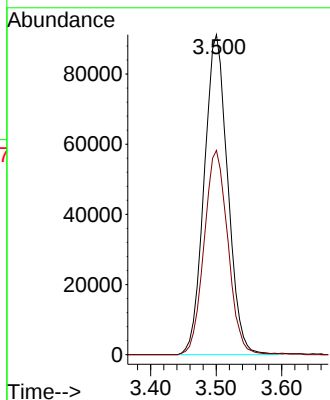
Instrument :  
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 ClientSampleId :  
 VSTDIC100



Tgt Ion:101 Resp: 227259  
 Ion Ratio Lower Upper  
 101 100  
 103 63.8 51.2 76.8

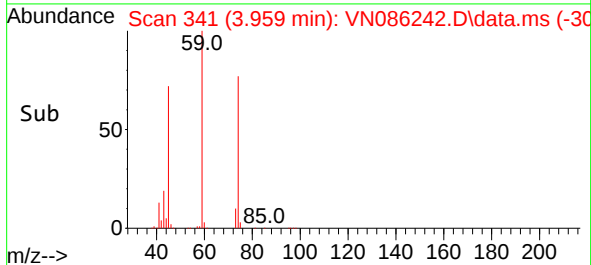
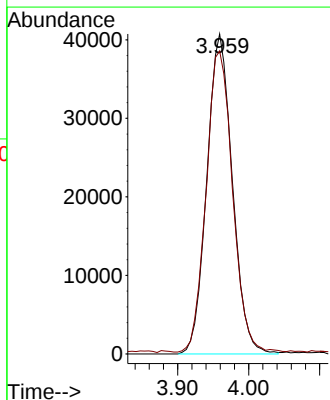
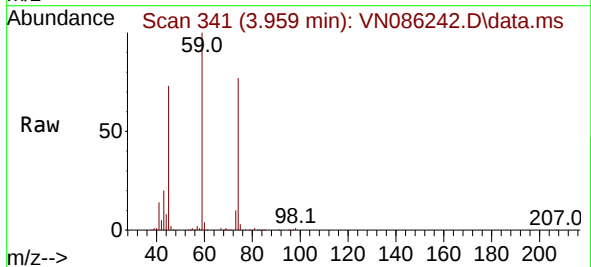
Manual Integrations  
 APPROVED

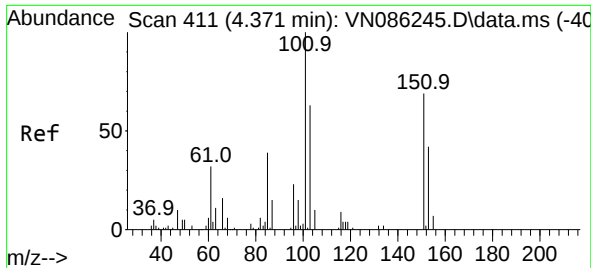
Reviewed By :John Carlone 04/14/2025  
 Supervised By :Mahesh Dadoda 04/14/2025



#8  
 Diethyl Ether  
 Concen: 94.275 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.000 min  
 Lab File: VN086242.D  
 Acq: 11 Apr 2025 11:04

Tgt Ion: 74 Resp: 101866  
 Ion Ratio Lower Upper  
 74 100  
 45 96.7 19.2 173.2





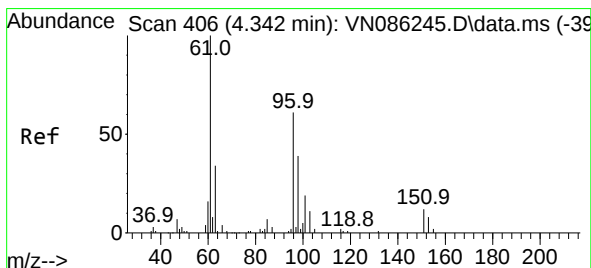
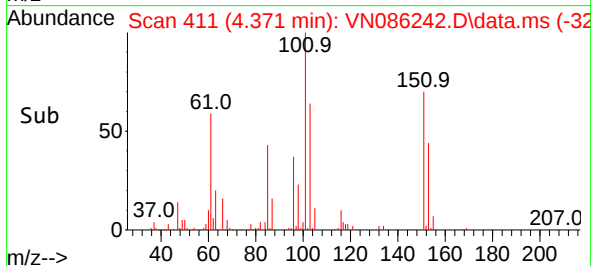
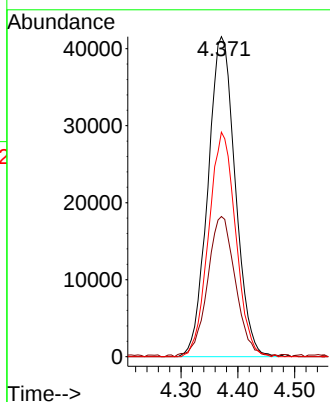
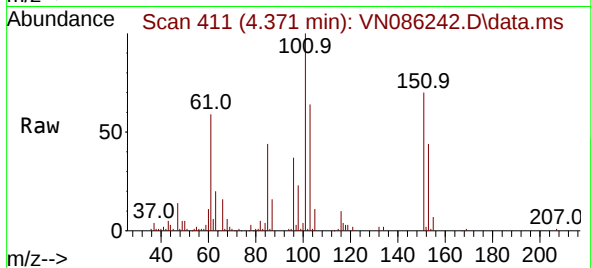
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 96.398 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion:101 Resp: 139270  
Ion Ratio Lower Upper  
101 100  
85 44.7 0.0 93.0  
151 69.2 0.0 138.6

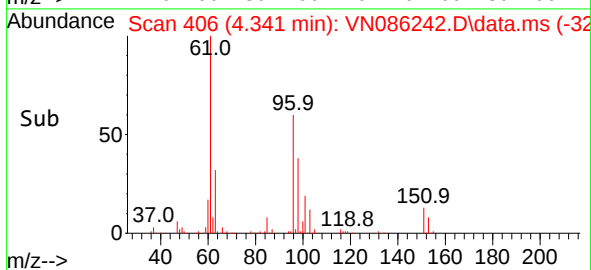
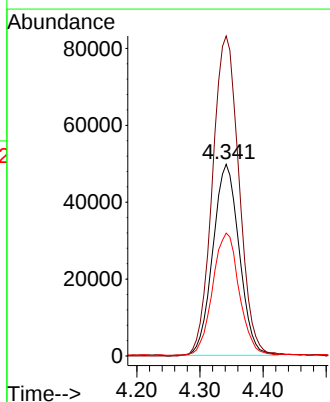
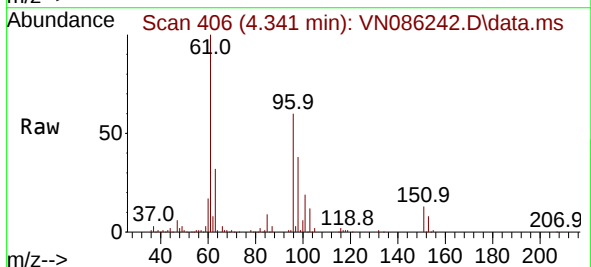
Manual Integrations  
APPROVED

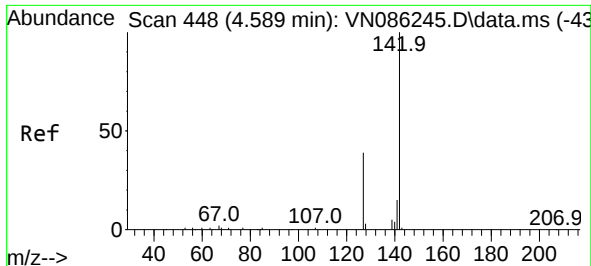
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#10  
1,1-Dichloroethene  
Concen: 92.407 ug/l  
RT: 4.341 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

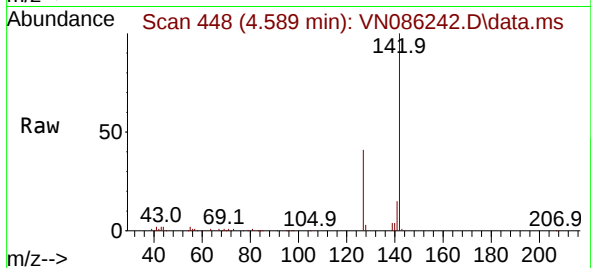
Tgt Ion: 96 Resp: 144087  
Ion Ratio Lower Upper  
96 100  
61 167.5 131.1 196.7  
98 63.7 51.6 77.4





#11  
Methyl Iodide  
Concen: 94.232 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

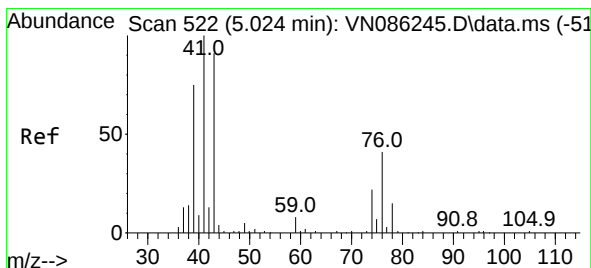
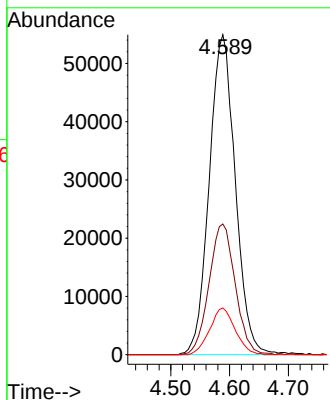
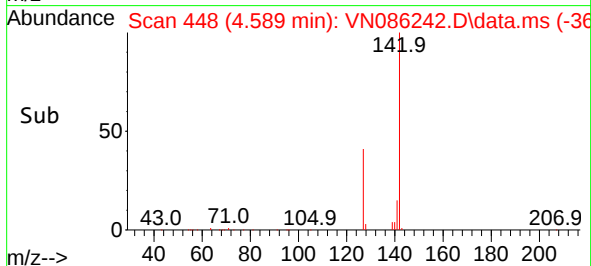
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



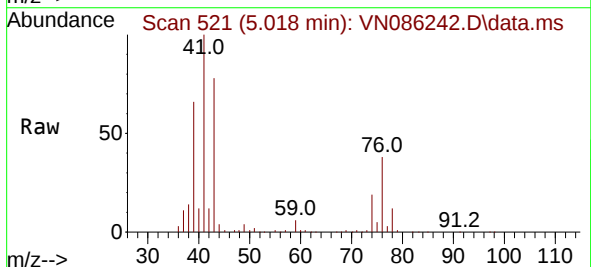
Tgt Ion:142 Resp: 168878  
Ion Ratio Lower Upper  
142 100  
127 40.8 19.6 58.8  
141 14.6 7.3 21.9

Manual Integrations  
APPROVED

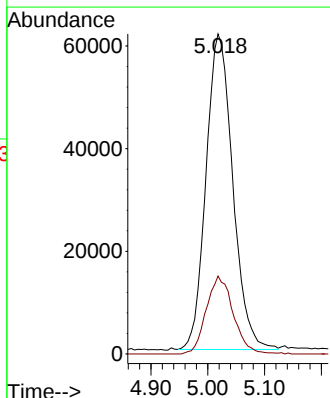
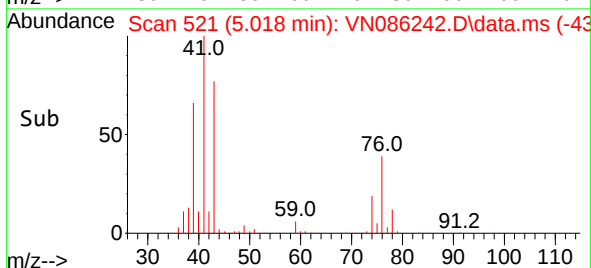
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

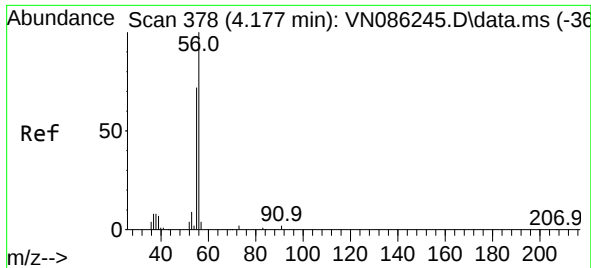


#12  
Methyl Acetate  
Concen: 91.194 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



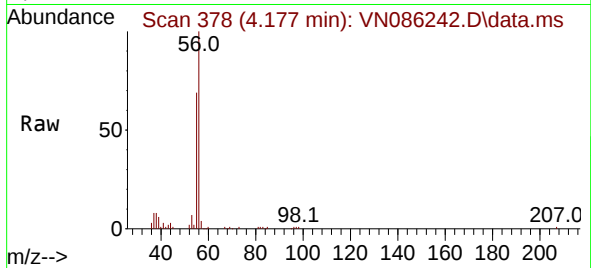
Tgt Ion: 43 Resp: 200798  
Ion Ratio Lower Upper  
43 100  
74 24.6 19.1 28.7





#13  
Acrolein  
Concen: 527.390 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

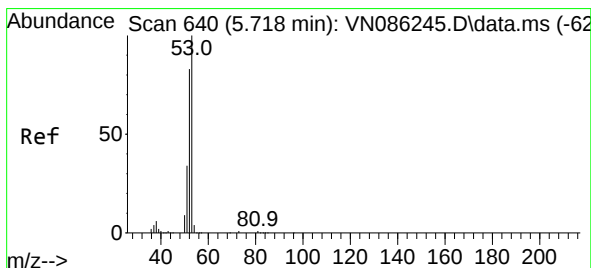
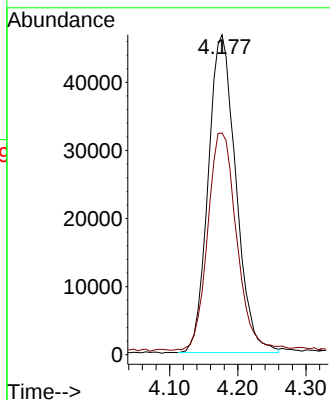
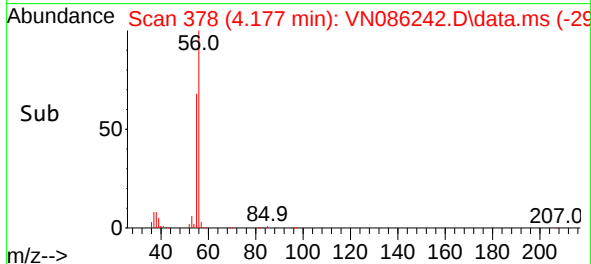
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



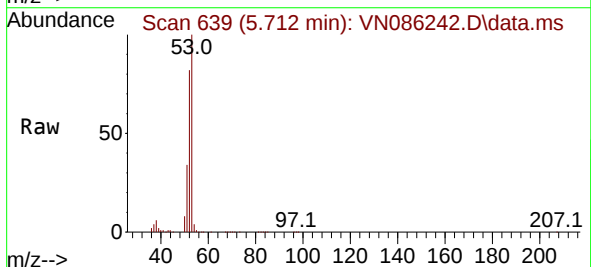
Tgt Ion: 56 Resp: 131999  
Ion Ratio Lower Upper  
56 100  
55 70.9 56.5 84.7

Manual Integrations  
APPROVED

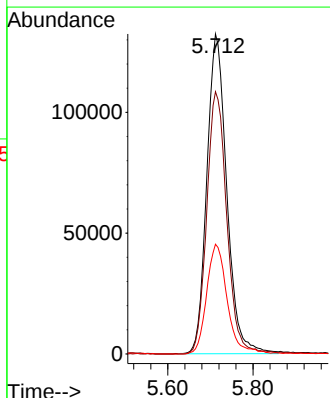
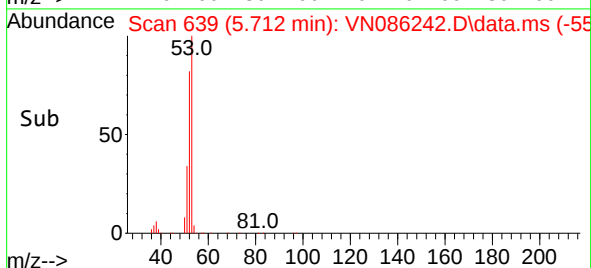
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

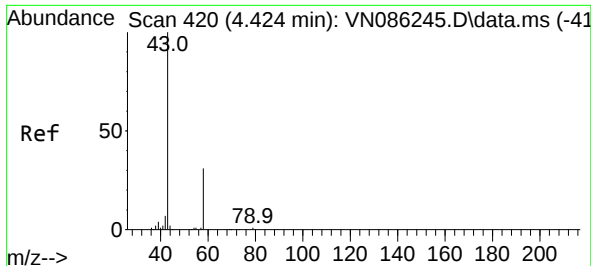


#14  
Acrylonitrile  
Concen: 463.608 ug/l  
RT: 5.712 min Scan# 639  
Delta R.T. -0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



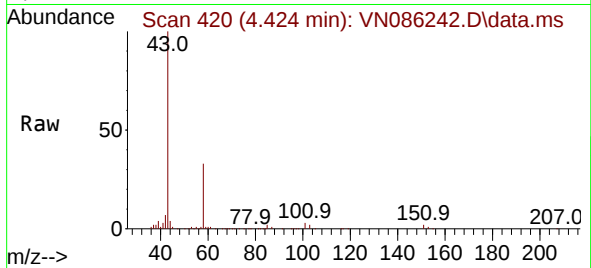
Tgt Ion: 53 Resp: 430948  
Ion Ratio Lower Upper  
53 100  
52 82.1 40.2 120.6  
51 35.1 17.5 52.6





#15  
Acetone  
Concen: 434.159 ug/l  
RT: 4.424 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

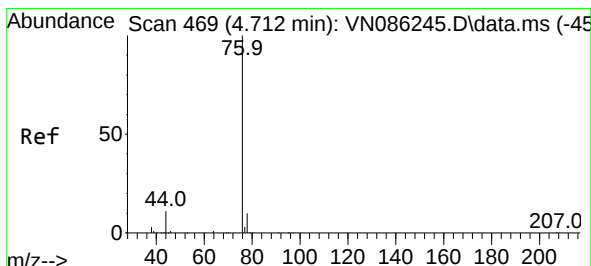
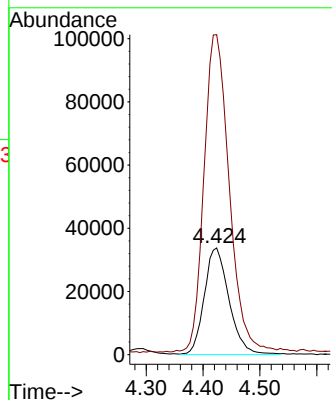
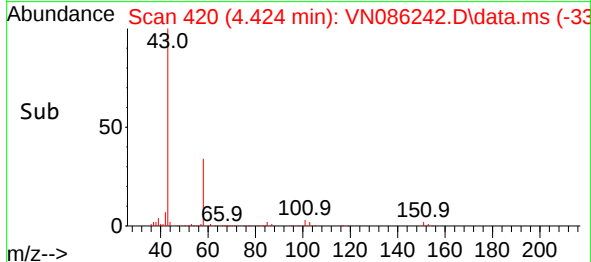
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



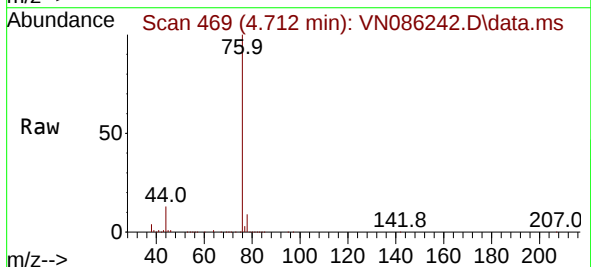
Tgt Ion: 58 Resp: 10241  
Ion Ratio Lower Upper  
58 100  
43 297.7 261.8 392.8

Manual Integrations  
APPROVED

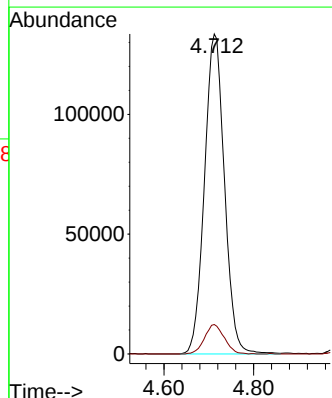
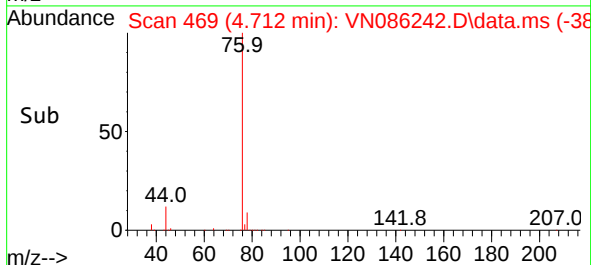
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

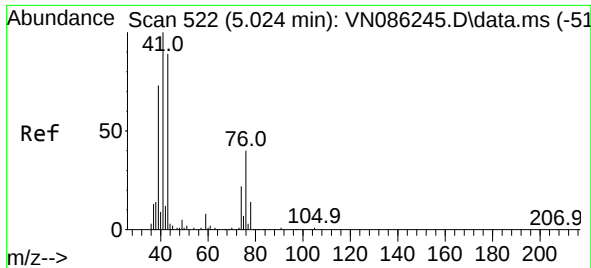


#16  
Carbon Disulfide  
Concen: 92.399 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



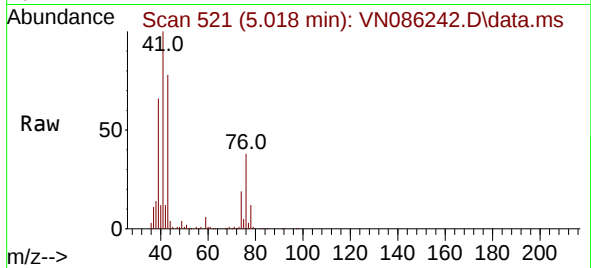
Tgt Ion: 76 Resp: 413127  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.7 11.5





#17  
 Allyl chloride  
 Concen: 93.519 ug/l  
 RT: 5.018 min Scan# 51  
 Delta R.T. -0.006 min  
 Lab File: VN086242.D  
 Acq: 11 Apr 2025 11:04

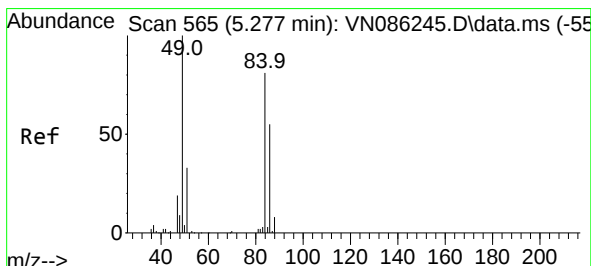
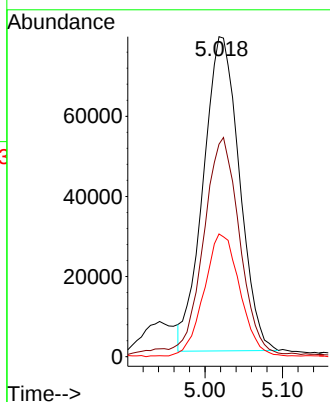
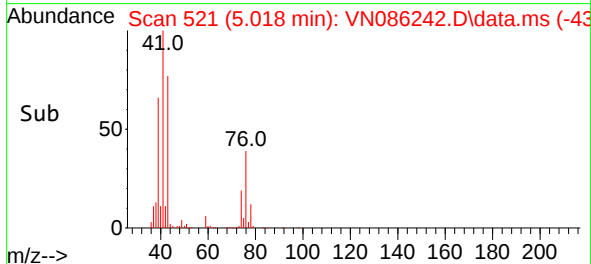
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100



Tgt Ion: 41 Resp: 254150  
 Ion Ratio Lower Upper  
 41 100  
 39 66.6 34.4 103.2  
 76 38.5 18.8 56.3

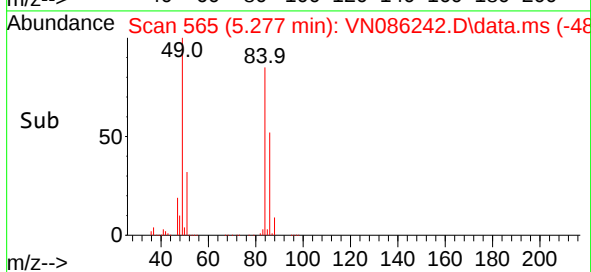
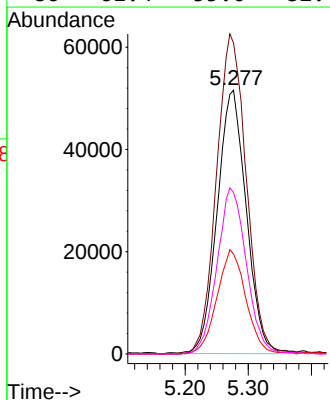
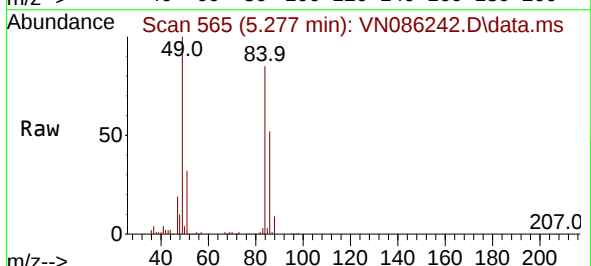
Manual Integrations  
 APPROVED

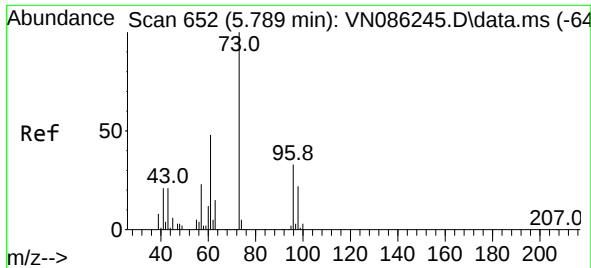
Reviewed By :John Carlone 04/14/2025  
 Supervised By :Mahesh Dadoda 04/14/2025



#18  
 Methylene Chloride  
 Concen: 92.405 ug/l  
 RT: 5.277 min Scan# 565  
 Delta R.T. -0.000 min  
 Lab File: VN086242.D  
 Acq: 11 Apr 2025 11:04

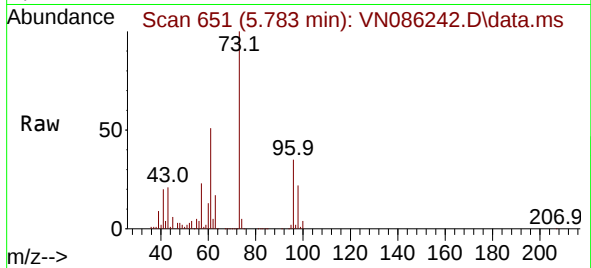
Tgt Ion: 84 Resp: 164274  
 Ion Ratio Lower Upper  
 84 100  
 49 118.2 99.1 148.7  
 51 38.0 32.3 48.5  
 86 61.4 55.0 82.4





#19  
trans-1,2-Dichloroethene  
Concen: 108.281 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

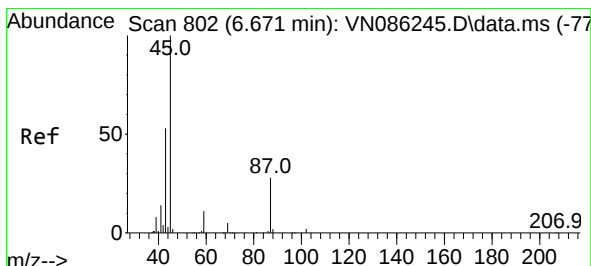
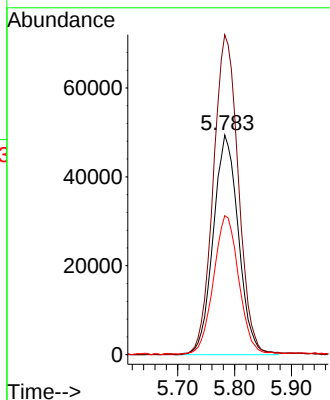
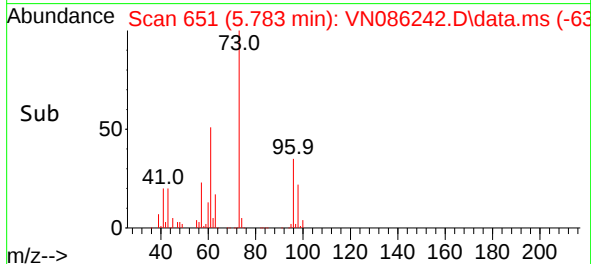
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



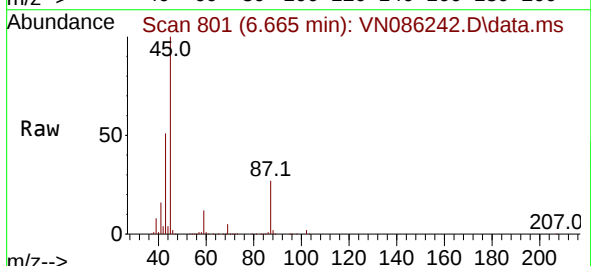
Tgt Ion: 96 Resp: 152290  
Ion Ratio Lower Upper  
96 100  
61 145.7 115.9 173.9  
98 62.9 52.1 78.1

Manual Integrations  
APPROVED

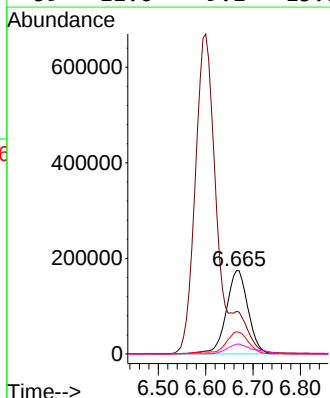
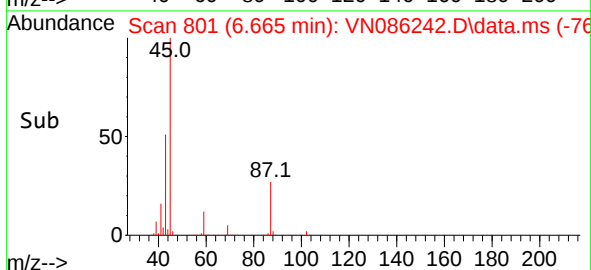
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

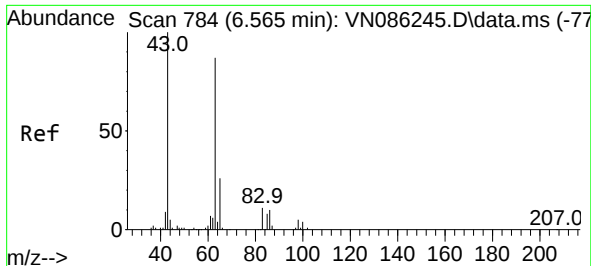


#20  
Diisopropyl ether  
Concen: 95.034 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



Tgt Ion: 45 Resp: 555310  
Ion Ratio Lower Upper  
45 100  
43 49.6 42.3 63.5  
87 26.5 22.2 33.4  
59 11.6 9.1 13.7





#21

1,1-Dichloroethane

Concen: 95.915 ug/l

RT: 6.565 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN086242.D

Acq: 11 Apr 2025 11:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 298980

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.3

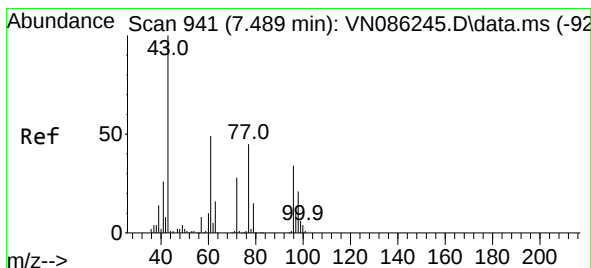
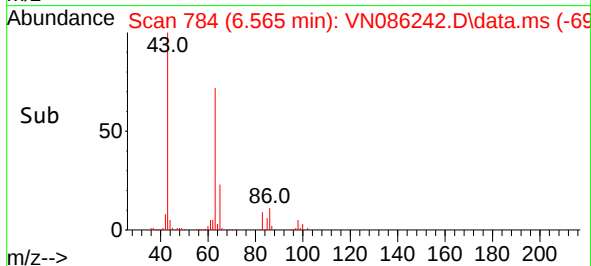
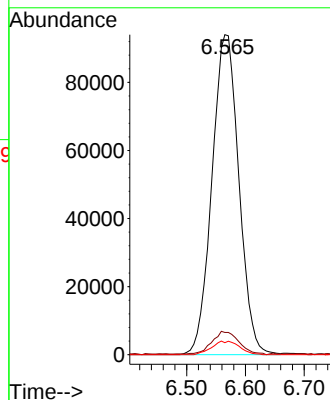
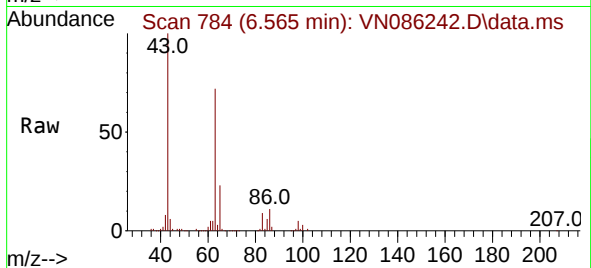
100 3.8 2.3 6.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#22

cis-1,2-Dichloroethene

Concen: 93.299 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.006 min

Lab File: VN086242.D

Acq: 11 Apr 2025 11:04

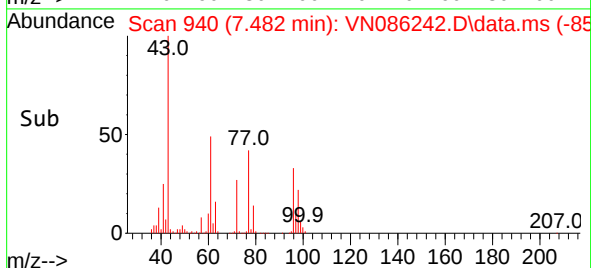
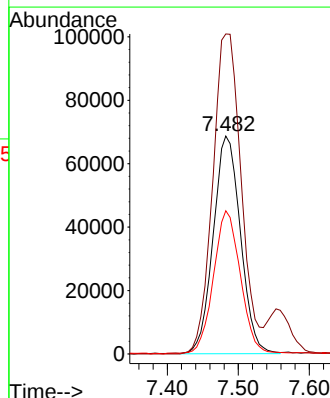
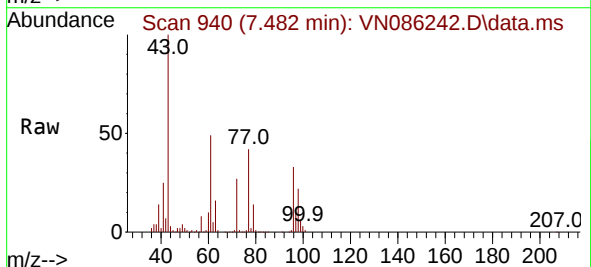
Tgt Ion: 96 Resp: 182539

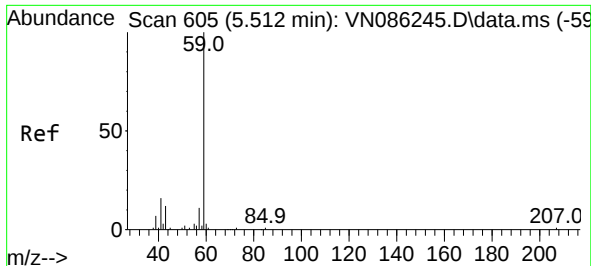
Ion Ratio Lower Upper

96 100

61 154.3 119.5 179.3

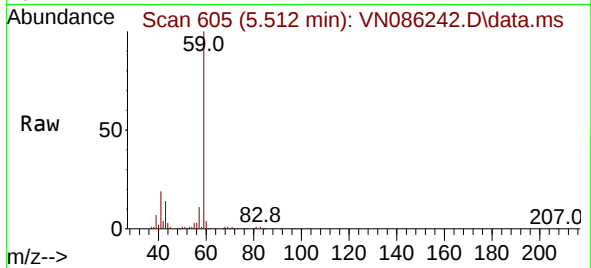
98 64.4 51.0 76.6





#23  
tert-Butyl Alcohol  
Concen: 445.280 ug/l  
RT: 5.512 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

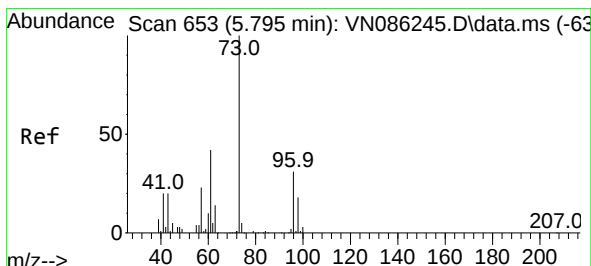
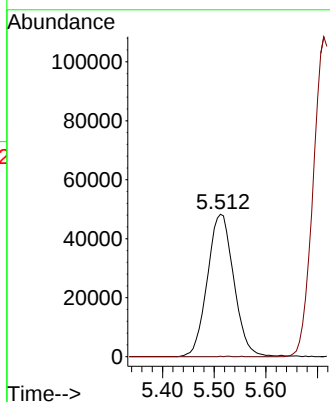
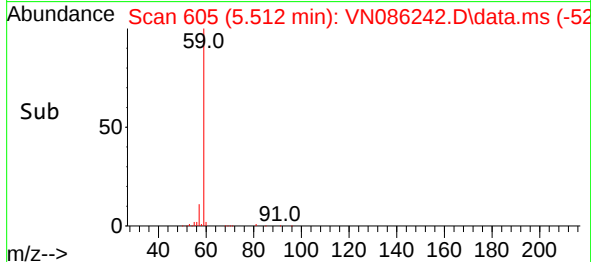
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



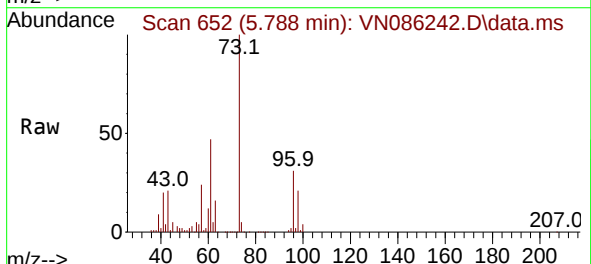
Tgt Ion: 59 Resp: 171504  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0

Manual Integrations  
APPROVED

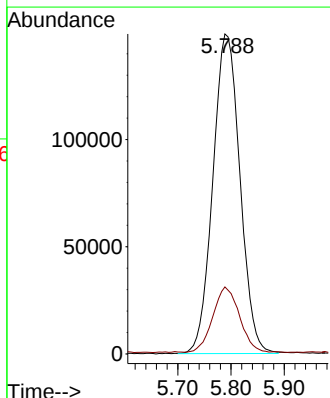
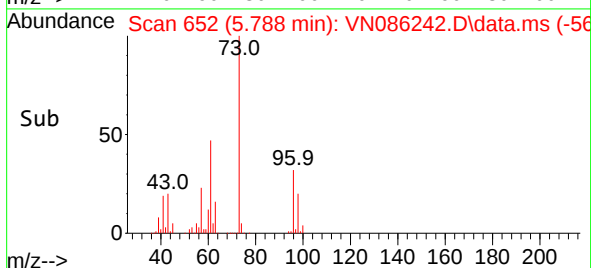
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

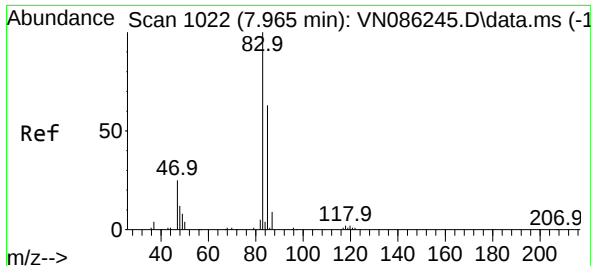


#24  
Methyl tert-Butyl Ether  
Concen: 93.663 ug/l  
RT: 5.788 min Scan# 652  
Delta R.T. -0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



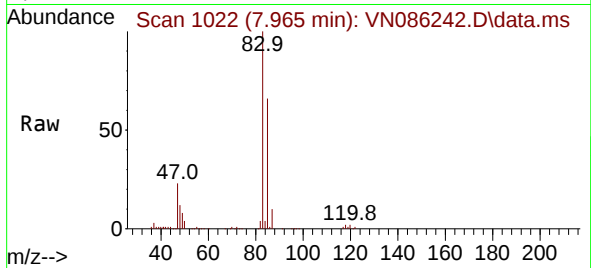
Tgt Ion: 73 Resp: 526162  
Ion Ratio Lower Upper  
73 100  
43 19.9 16.8 25.2





#25  
Chloroform  
Concen: 94.604 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

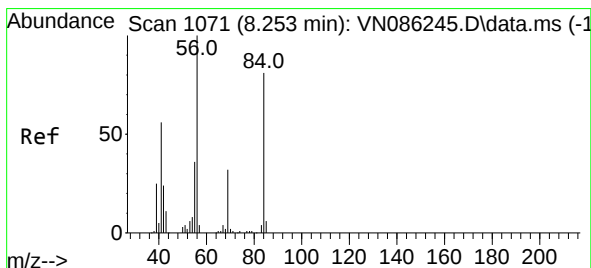
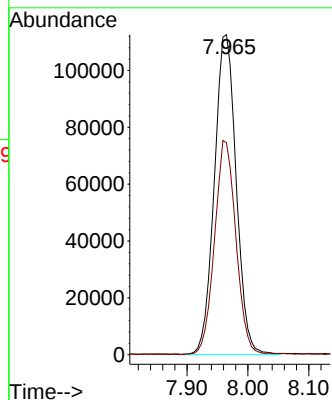
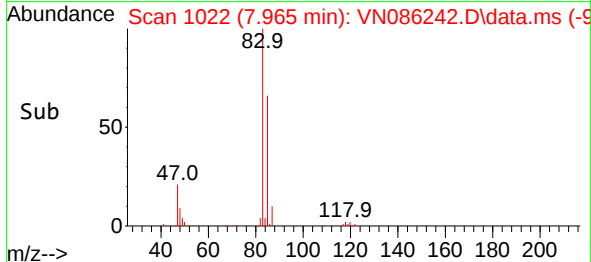
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion: 83 Resp: 28120  
Ion Ratio Lower Upper  
83 100  
85 66.0 50.5 75.7

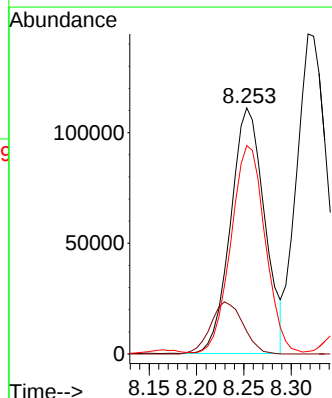
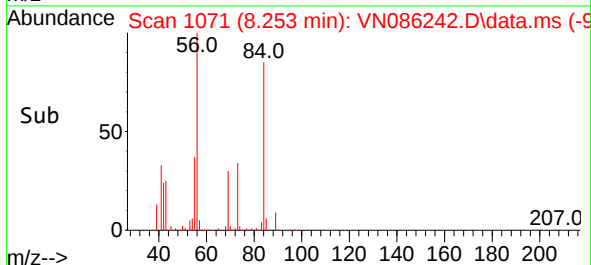
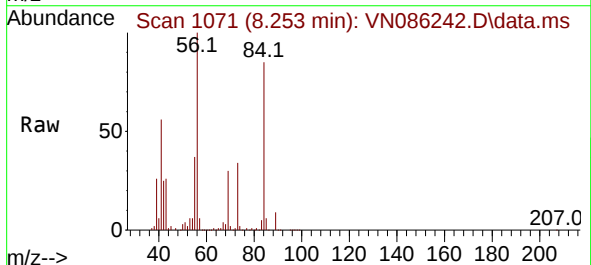
Manual Integrations  
APPROVED

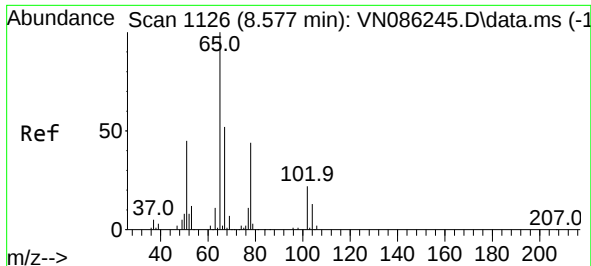
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#26  
Cyclohexane  
Concen: 95.155 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

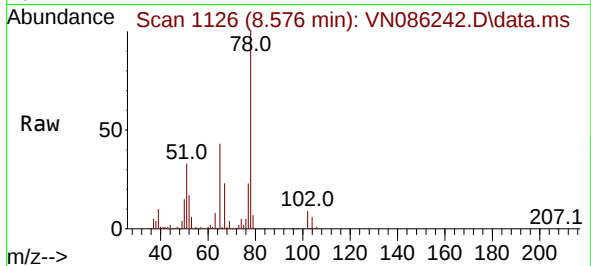
Tgt Ion: 56 Resp: 277499  
Ion Ratio Lower Upper  
56 100  
89 20.3 0.0 0.0#  
84 85.5 69.0 103.4





#27  
1,2-Dichloroethane-d4  
Concen: 29.547 ug/l  
RT: 8.576 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

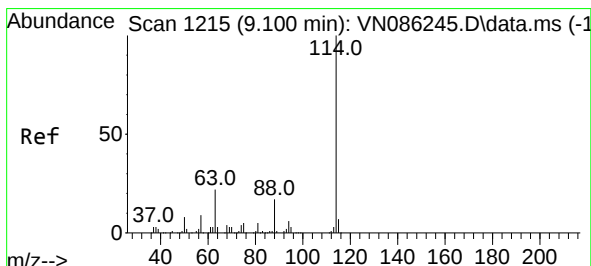
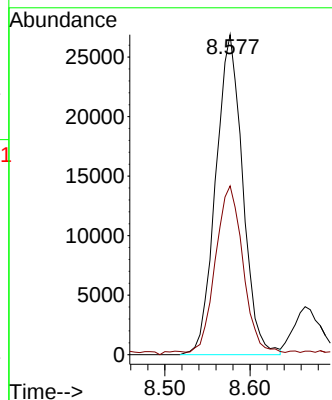
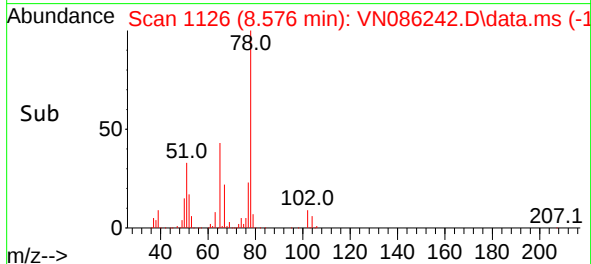
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion: 65 Resp: 59014  
Ion Ratio Lower Upper  
65 100  
67 52.6 43.4 65.2

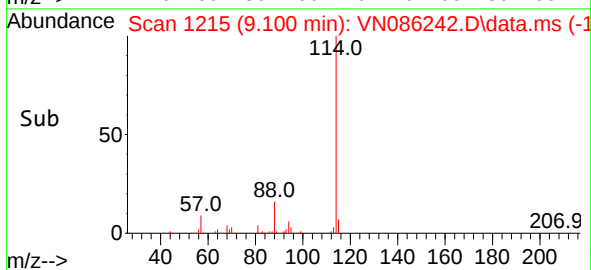
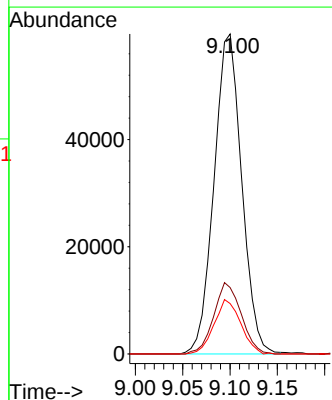
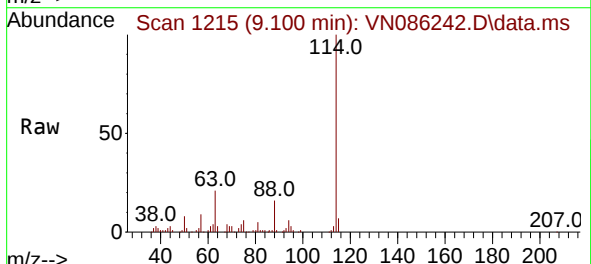
Manual Integrations  
APPROVED

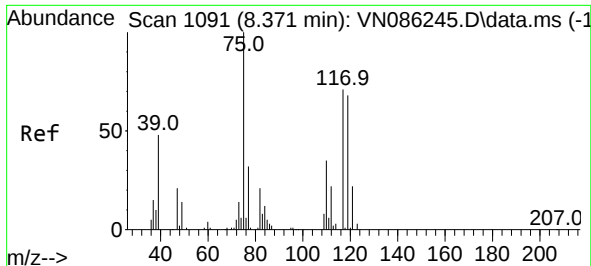
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

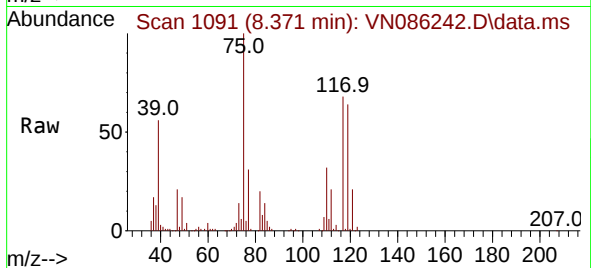
Tgt Ion:114 Resp: 121329  
Ion Ratio Lower Upper  
114 100  
63 22.1 17.8 26.6  
88 16.3 13.4 20.2





#29  
1,1-Dichloropropene  
Concen: 98.138 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

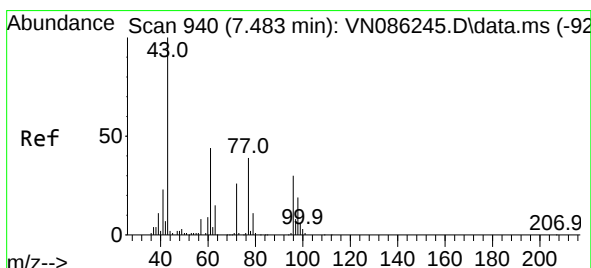
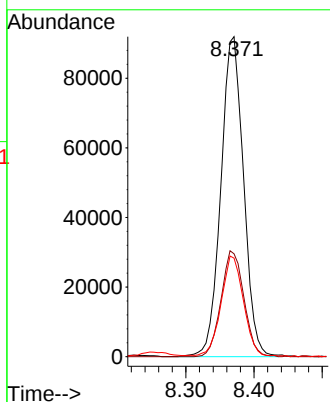
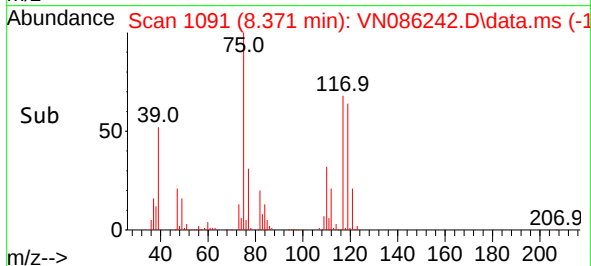
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



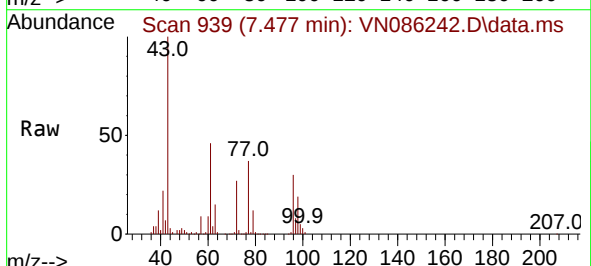
Tgt Ion: 75 Resp: 213302  
Ion Ratio Lower Upper  
75 100  
110 33.2 0.0 68.6  
77 31.4 0.0 63.8

Manual Integrations  
APPROVED

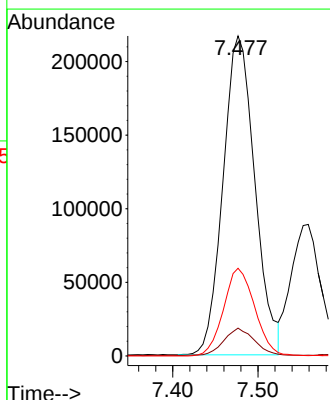
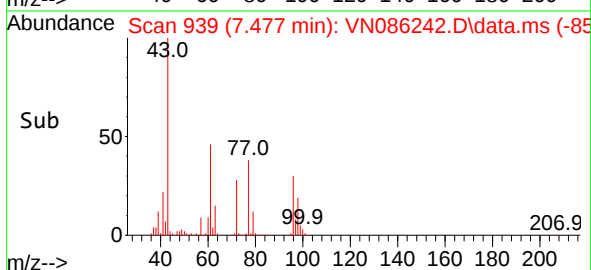
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

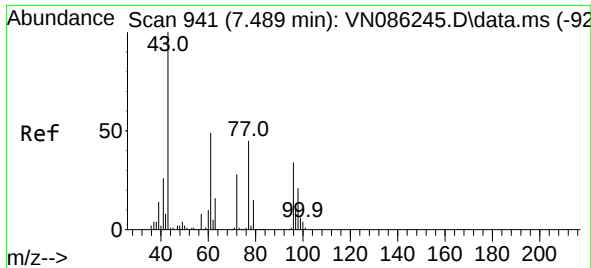


#30  
2-Butanone  
Concen: 467.239 ug/l  
RT: 7.477 min Scan# 939  
Delta R.T. -0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



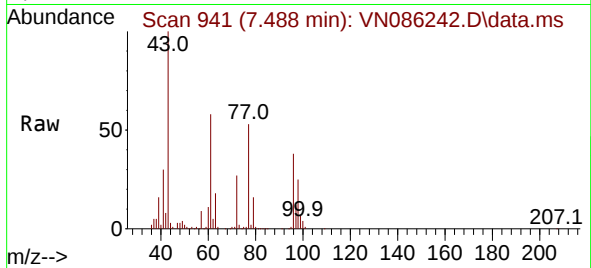
Tgt Ion: 43 Resp: 562722  
Ion Ratio Lower Upper  
43 100  
57 8.2 6.4 9.6  
72 27.0 21.5 32.3





#31  
2,2-Dichloropropane  
Concen: 98.472 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

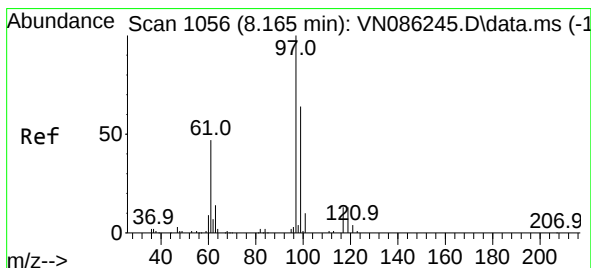
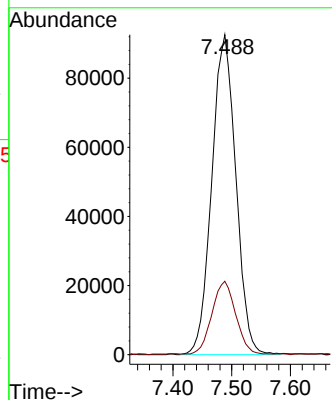
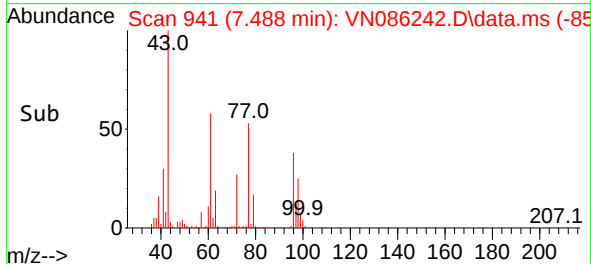
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



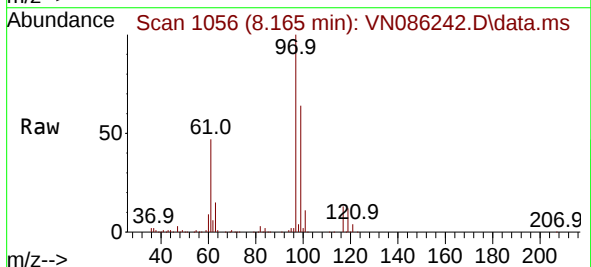
Tgt Ion: 77 Resp: 26345  
Ion Ratio Lower Upper  
77 100  
97 22.6 18.8 28.2

Manual Integrations  
APPROVED

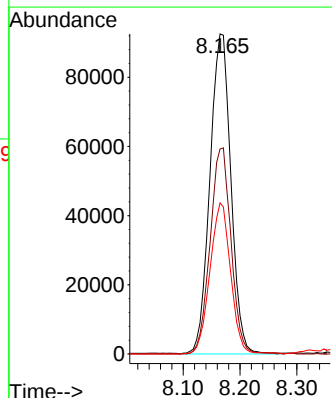
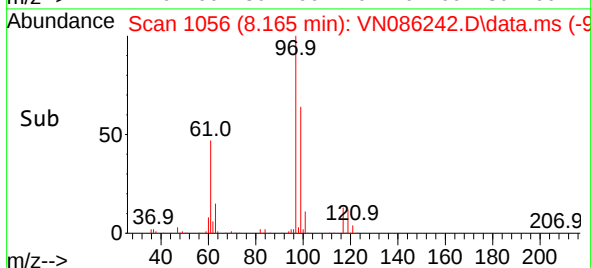
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

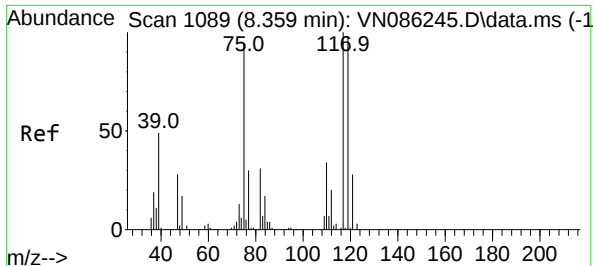


#32  
1,1,1-Trichloroethane  
Concen: 94.957 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



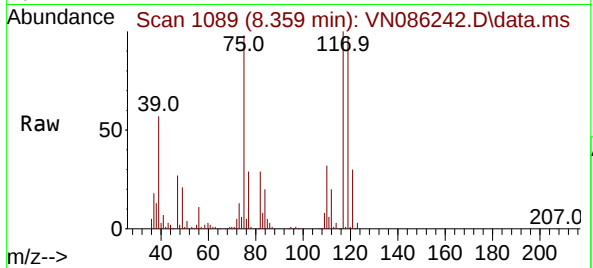
Tgt Ion: 97 Resp: 237411  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.4 77.2  
61 46.3 37.0 55.6





#33  
Carbon Tetrachloride  
Concen: 98.048 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

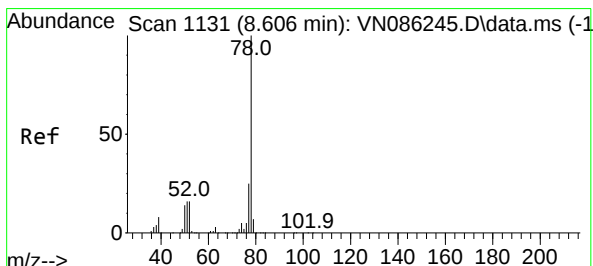
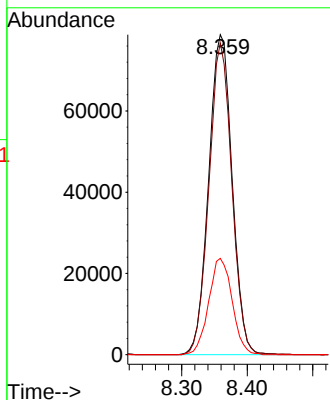
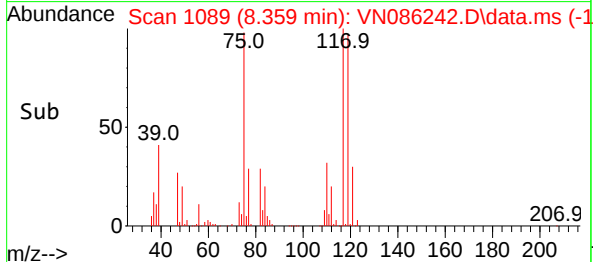
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion:117 Resp: 195904  
Ion Ratio Lower Upper  
117 100  
119 97.4 78.3 117.5  
121 30.1 22.5 33.7

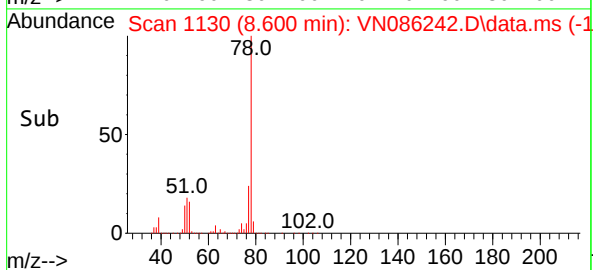
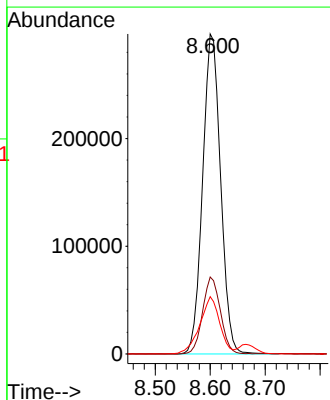
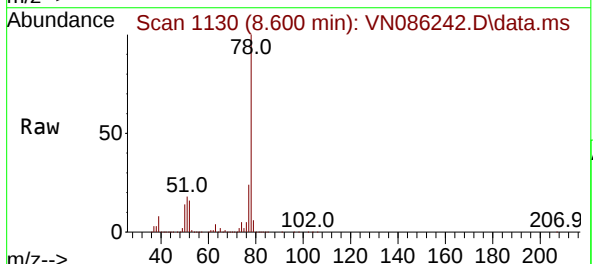
Manual Integrations  
APPROVED

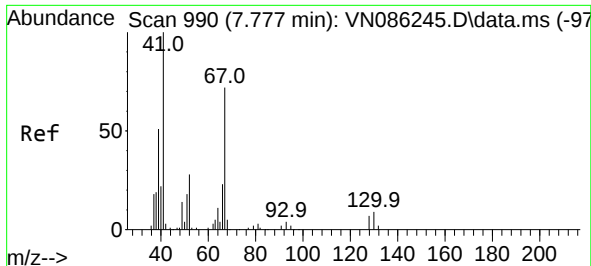
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#34  
Benzene  
Concen: 97.638 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. -0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

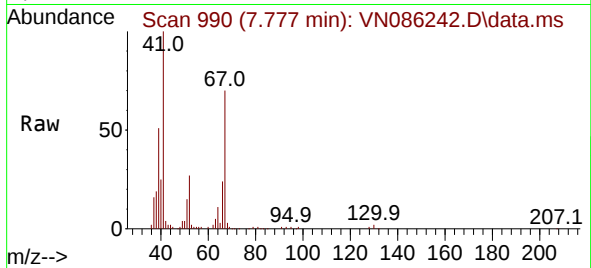
Tgt Ion: 78 Resp: 675144  
Ion Ratio Lower Upper  
78 100  
77 24.1 20.0 30.0  
51 17.9 12.9 19.3





#35  
Methacrylonitrile  
Concen: 95.604 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

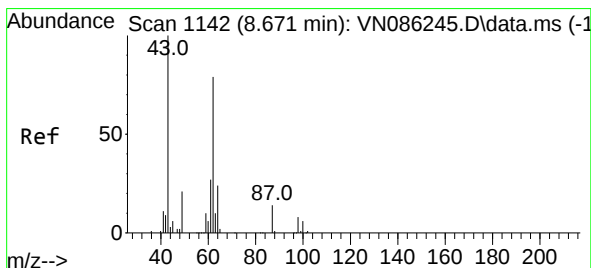
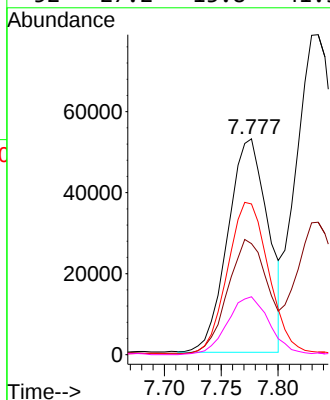
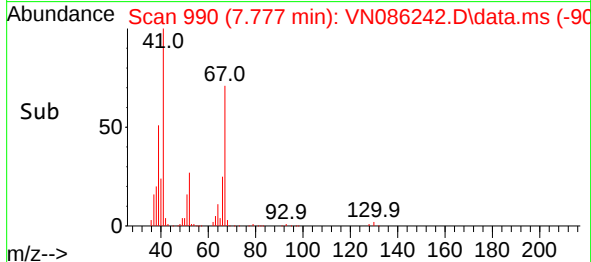
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion: 41 Resp: 12980  
Ion Ratio Lower Upper  
41 100  
39 51.5 25.8 77.3  
67 70.4 36.0 108.0  
52 27.2 13.8 41.3

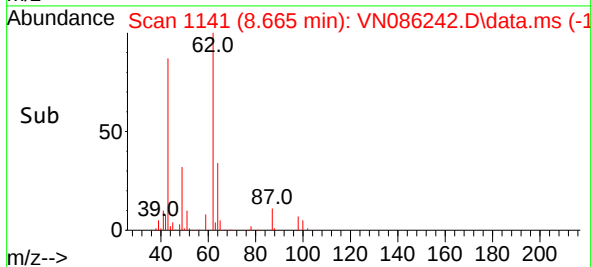
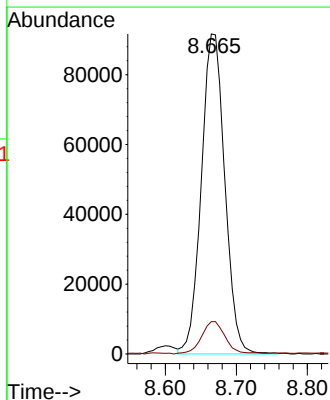
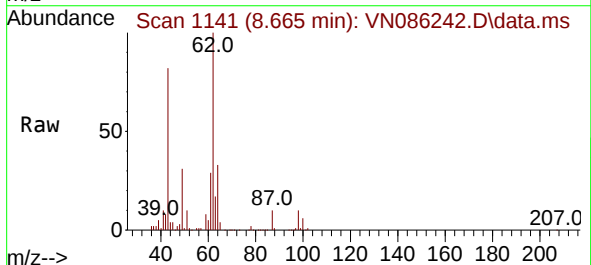
Manual Integrations  
APPROVED

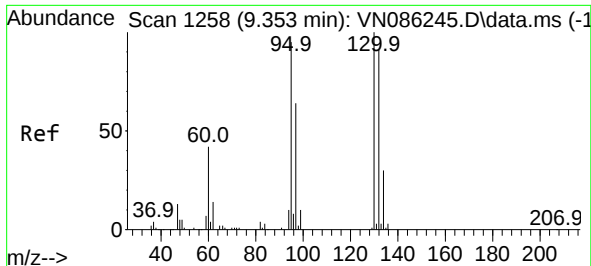
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#36  
1,2-Dichloroethane  
Concen: 97.412 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Tgt Ion: 62 Resp: 210783  
Ion Ratio Lower Upper  
62 100  
98 10.1 8.6 12.8





#37

Trichloroethene

Concen: 97.775 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VN086242.D

Acq: 11 Apr 2025 11:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

Tgt Ion:130 Resp: 163120

Ion Ratio Lower Upper

130 100

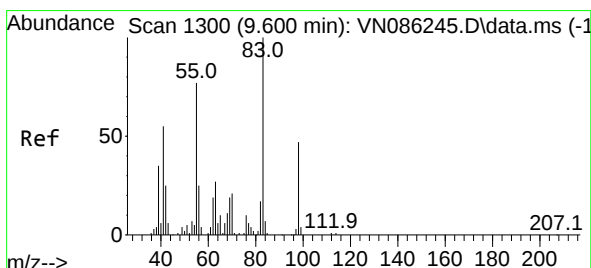
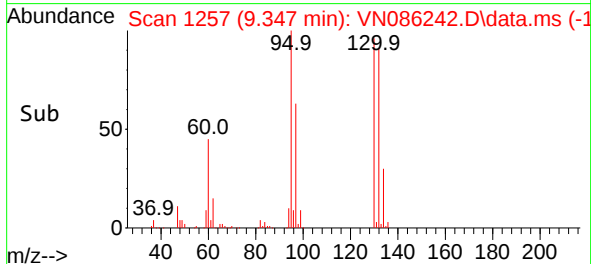
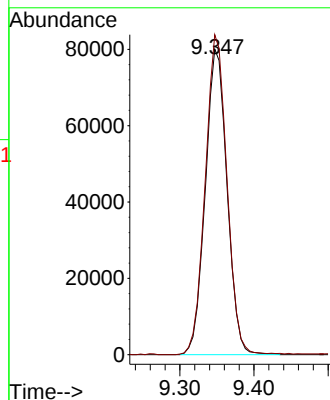
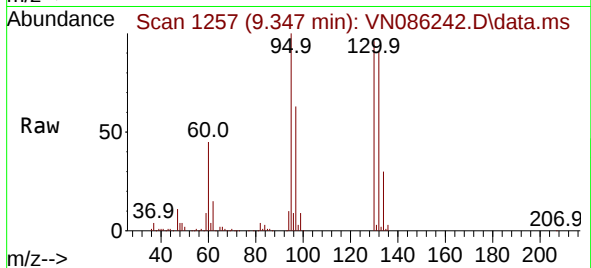
95 104.5 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#38

Methylcyclohexane

Concen: 99.571 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086242.D

Acq: 11 Apr 2025 11:04

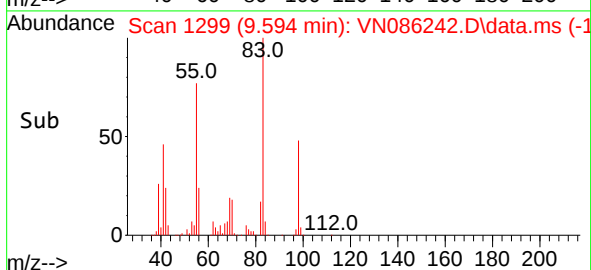
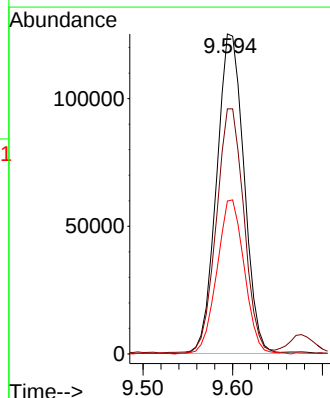
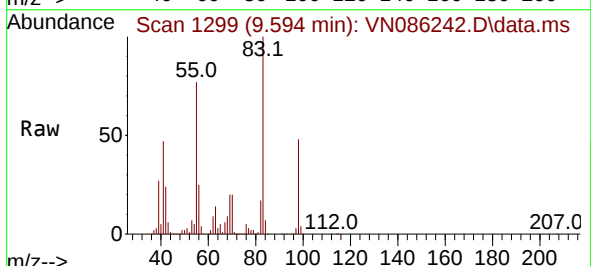
Tgt Ion: 83 Resp: 265418

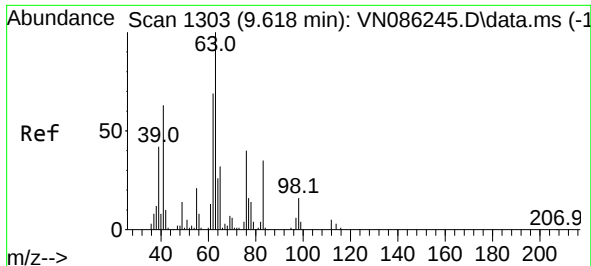
Ion Ratio Lower Upper

83 100

55 76.8 38.5 115.5

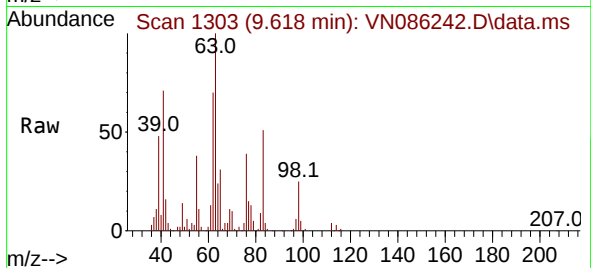
98 48.3 24.4 73.2





#39  
1,2-Dichloropropane  
Concen: 98.606 ug/l  
RT: 9.618 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

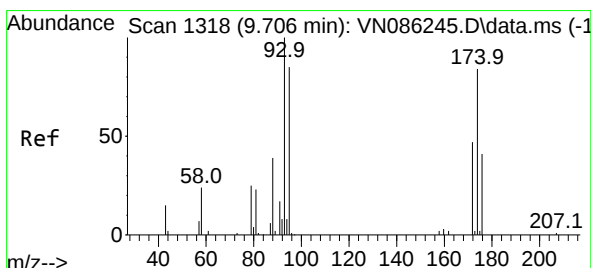
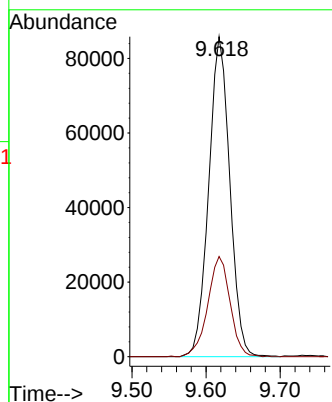
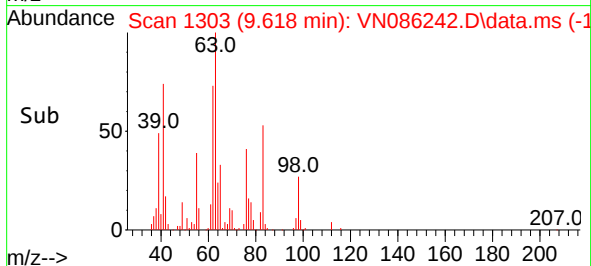
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion: 63 Resp: 169660  
Ion Ratio Lower Upper  
63 100  
65 31.3 26.0 39.0

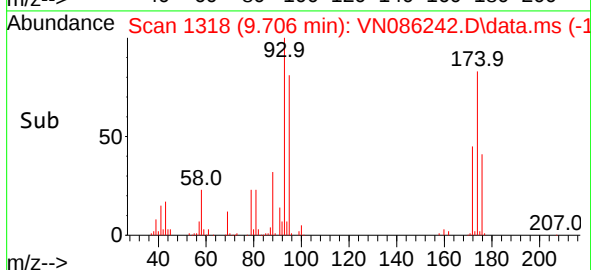
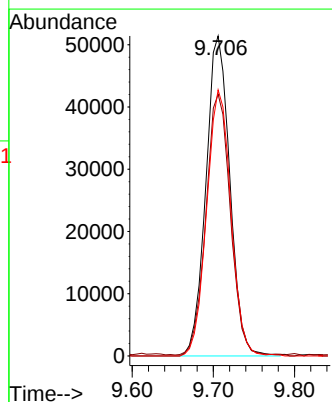
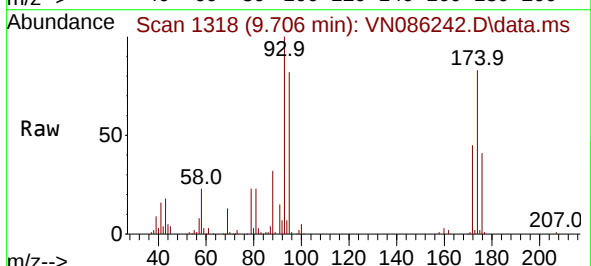
Manual Integrations  
APPROVED

Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#40  
Dibromomethane  
Concen: 94.904 ug/l  
RT: 9.706 min Scan# 1318  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

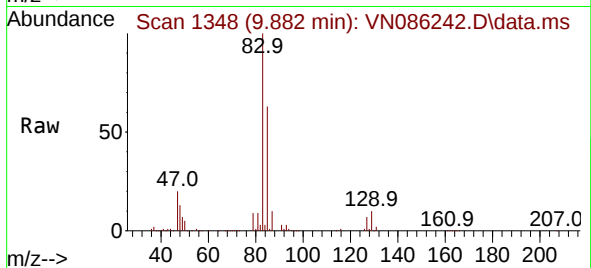
Tgt Ion: 93 Resp: 105464  
Ion Ratio Lower Upper  
93 100  
95 83.1 0.0 169.0  
174 83.9 0.0 168.0





#41  
Bromodichloromethane  
Concen: 94.332 ug/l  
RT: 9.882 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

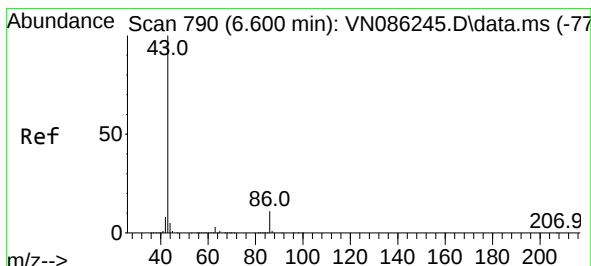
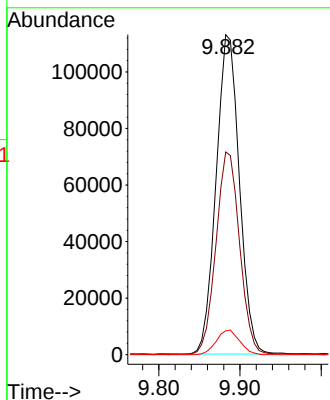
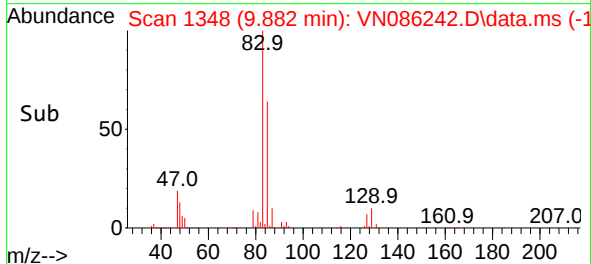
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



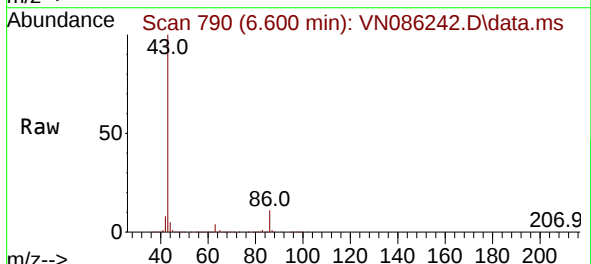
Tgt Ion: 83 Resp: 225200  
Ion Ratio Lower Upper  
83 100  
85 63.3 50.2 75.2  
127 7.5 6.2 9.4

Manual Integrations  
APPROVED

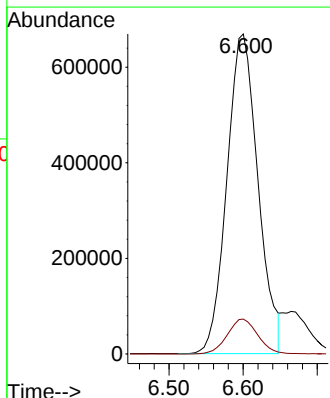
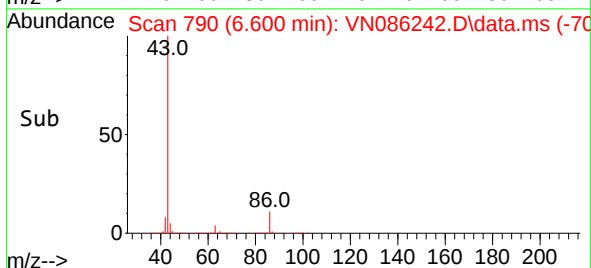
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

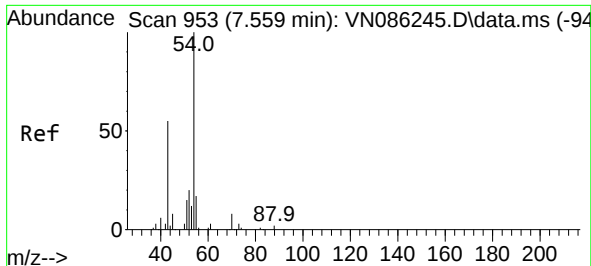


#42  
Vinyl Acetate  
Concen: 475.901 ug/l  
RT: 6.600 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



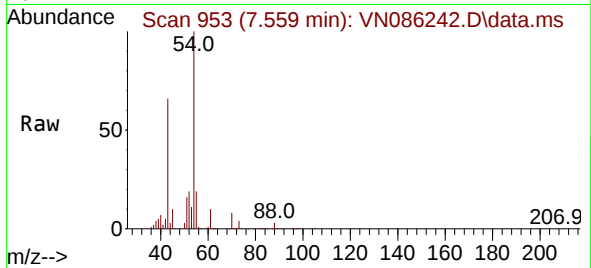
Tgt Ion: 43 Resp: 1951001  
Ion Ratio Lower Upper  
43 100  
86 10.7 8.4 12.6





#43  
Ethyl Acetate  
Concen: 91.520 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

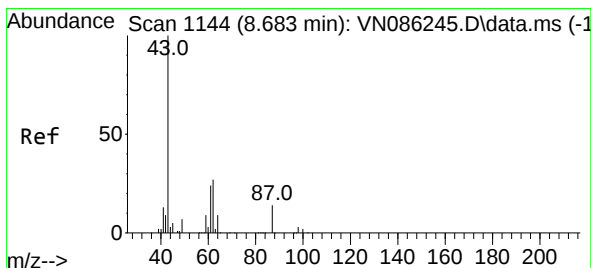
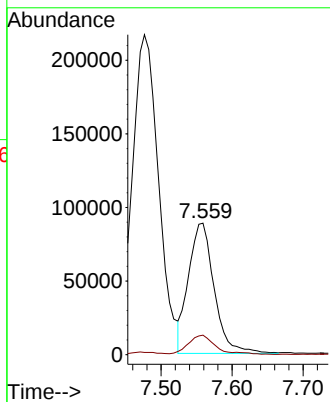
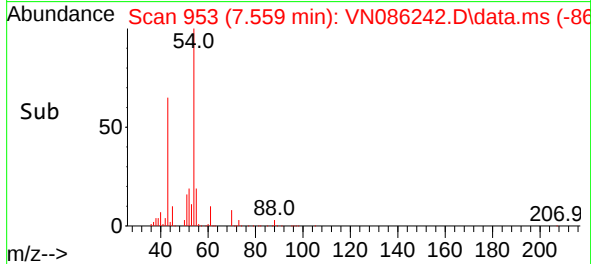
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion: 43 Resp: 222324  
Ion Ratio Lower Upper  
43 100  
45 13.5 11.2 16.8

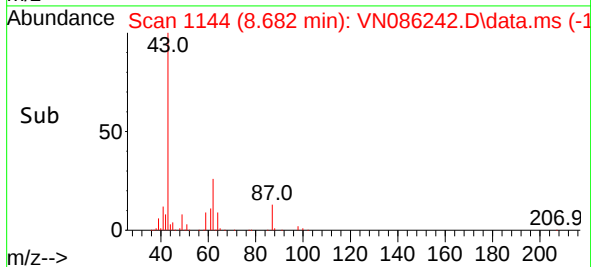
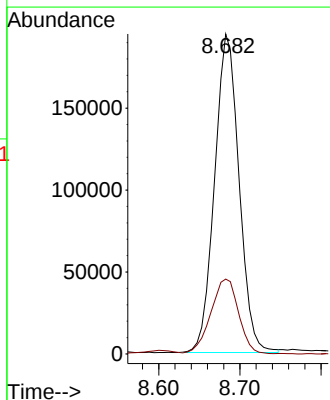
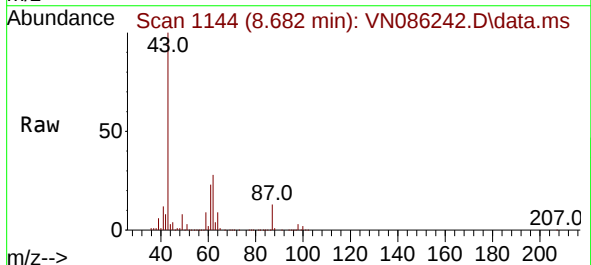
Manual Integrations  
APPROVED

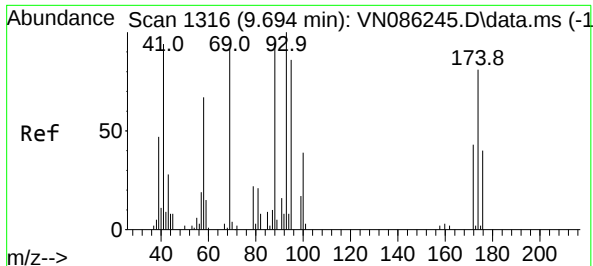
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#44  
Isopropyl Acetate  
Concen: 90.431 ug/l  
RT: 8.682 min Scan# 1144  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

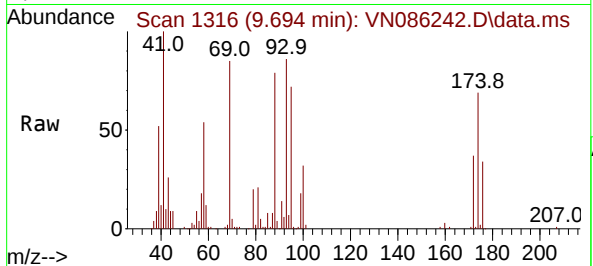
Tgt Ion: 43 Resp: 407532  
Ion Ratio Lower Upper  
43 100  
61 26.7 20.5 30.7





#45  
1,4-Dioxane  
Concen: 1836.730 ug/l  
RT: 9.694 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

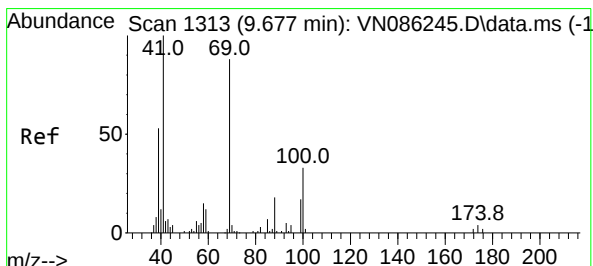
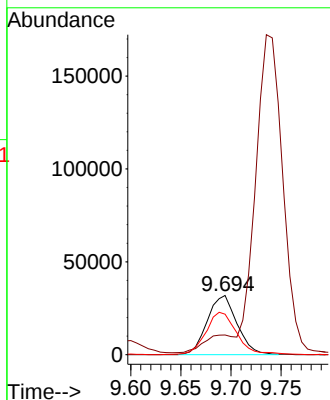
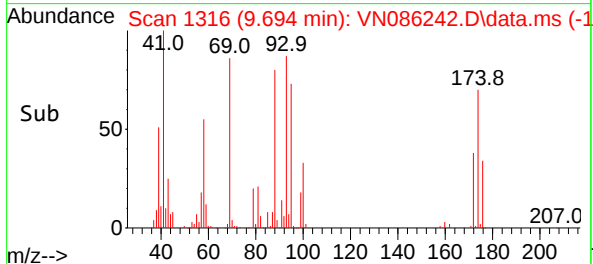
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



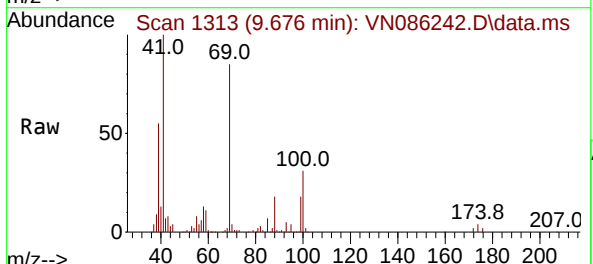
Tgt Ion: 88 Resp: 65820  
Ion Ratio Lower Upper  
88 100  
43 34.0 14.4 21.6  
58 73.3 59.8 89.8

Manual Integrations  
APPROVED

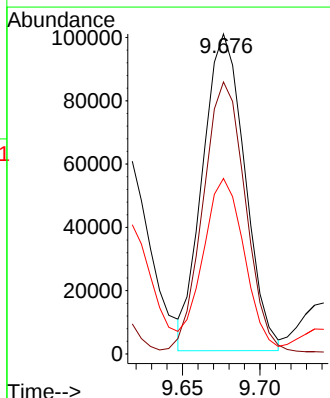
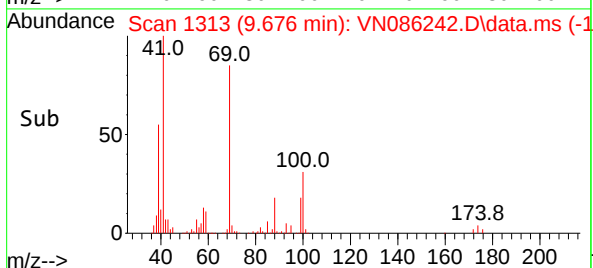
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

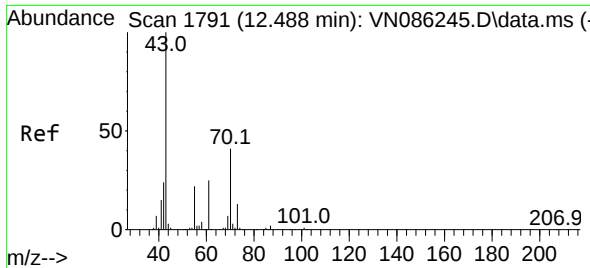


#46  
Methyl methacrylate  
Concen: 95.302 ug/l  
RT: 9.676 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



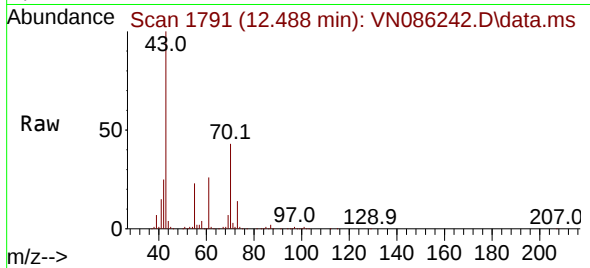
Tgt Ion: 41 Resp: 189237  
Ion Ratio Lower Upper  
41 100  
69 86.0 43.2 129.6  
39 54.9 26.4 79.0





#47  
n-amyl acetate  
Concen: 92.953 ug/l  
RT: 12.488 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

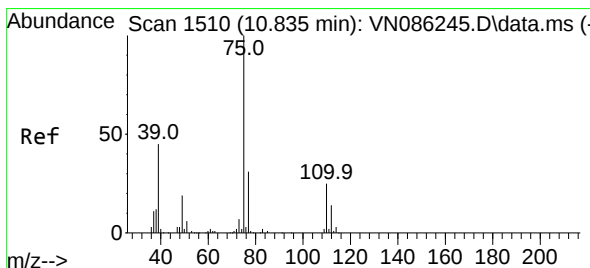
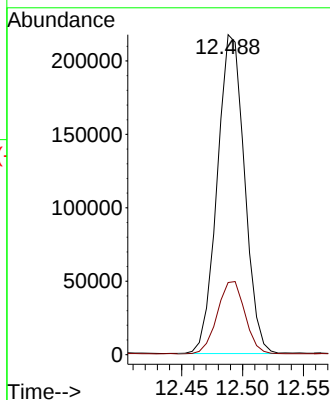
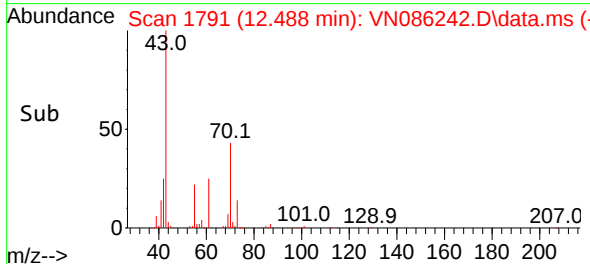
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion: 43 Resp: 33846  
Ion Ratio Lower Upper  
43 100  
55 23.1 19.0 28.4

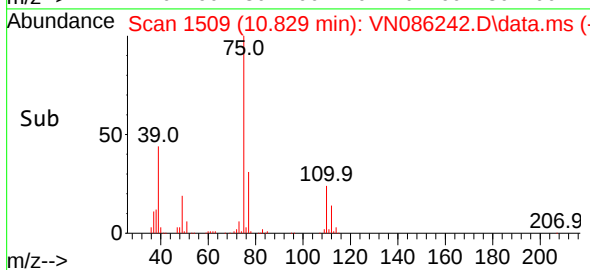
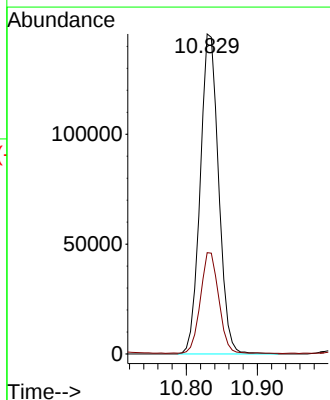
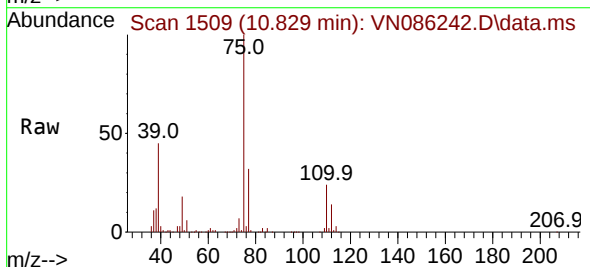
Manual Integrations  
APPROVED

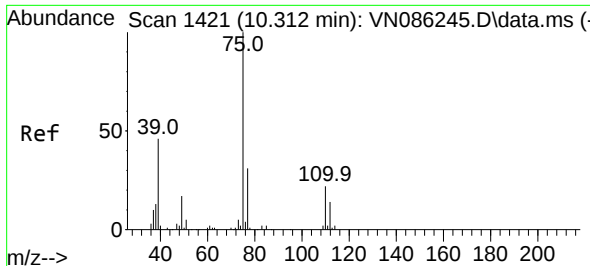
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#48  
t-1,3-Dichloropropene  
Concen: 97.471 ug/l  
RT: 10.829 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

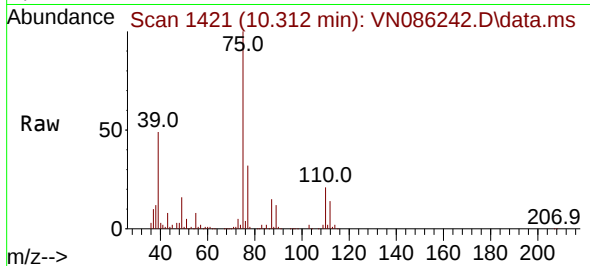
Tgt Ion: 75 Resp: 263069  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.1 37.7





#49  
 cis-1,3-Dichloropropene  
 Concen: 98.600 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.000 min  
 Lab File: VN086242.D  
 Acq: 11 Apr 2025 11:04

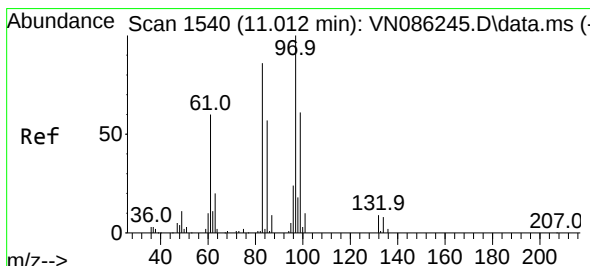
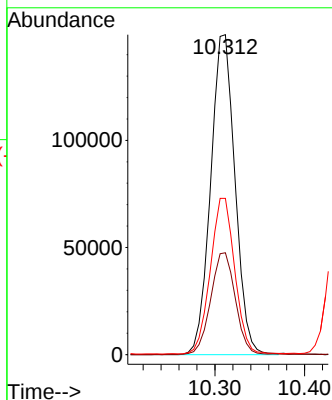
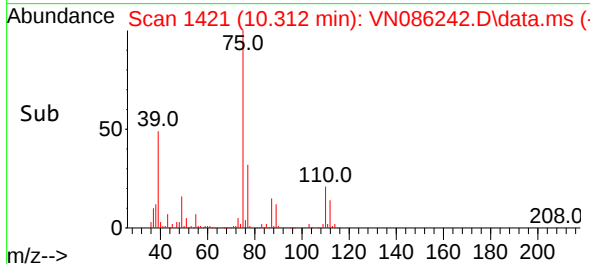
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100



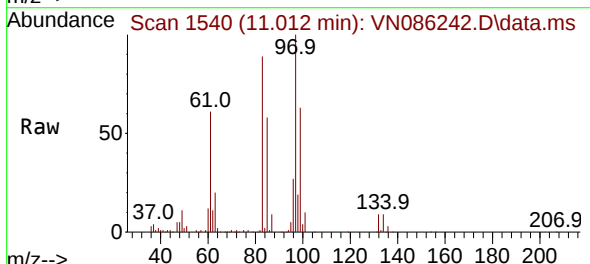
Tgt Ion: 75 Resp: 281650  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.0 37.4  
 39 48.6 36.7 55.1

Manual Integrations  
 APPROVED

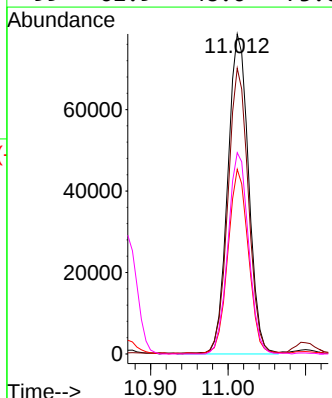
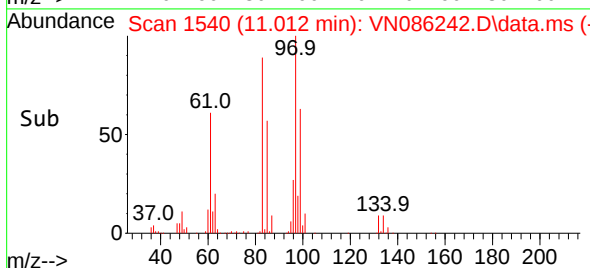
Reviewed By :John Carlone 04/14/2025  
 Supervised By :Mahesh Dadoda 04/14/2025

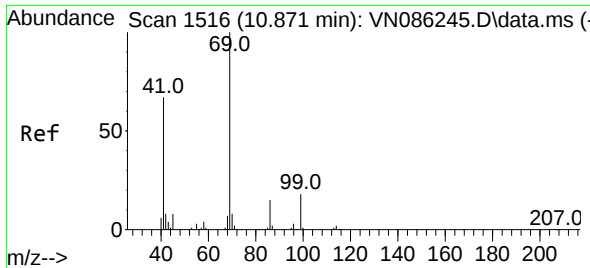


#50  
 1,1,2-Trichloroethane  
 Concen: 94.534 ug/l  
 RT: 11.012 min Scan# 1540  
 Delta R.T. -0.000 min  
 Lab File: VN086242.D  
 Acq: 11 Apr 2025 11:04



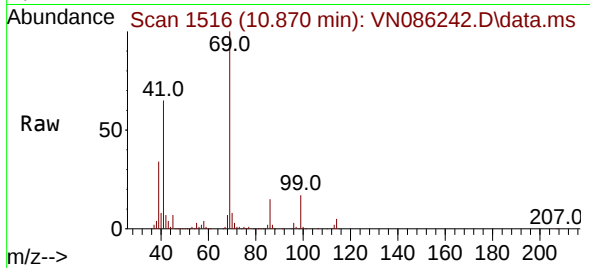
Tgt Ion: 97 Resp: 147343  
 Ion Ratio Lower Upper  
 97 100  
 83 89.0 68.6 103.0  
 85 57.5 45.9 68.9  
 99 62.9 48.6 73.0





#51  
Ethyl methacrylate  
Concen: 95.629 ug/l  
RT: 10.870 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

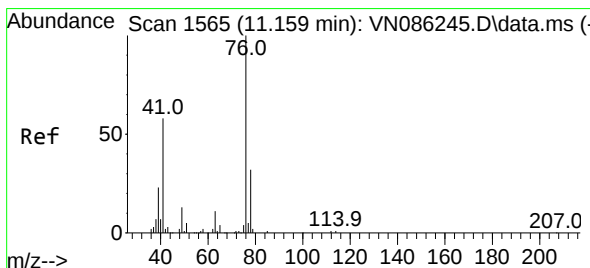
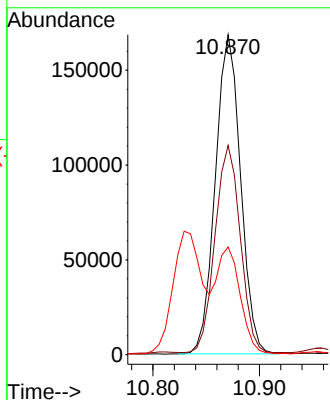
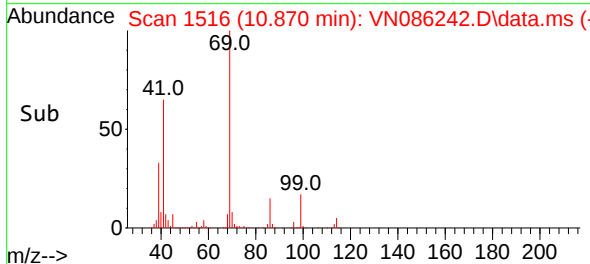
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion: 69 Resp: 276983  
Ion Ratio Lower Upper  
69 100  
41 64.9 33.6 100.6  
39 33.4 17.8 53.4

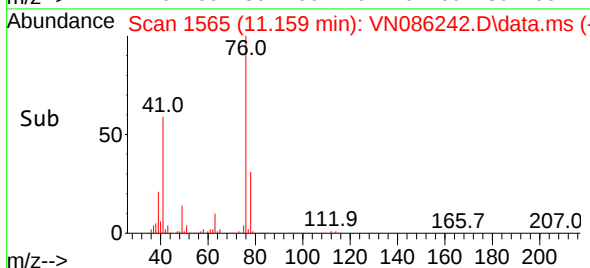
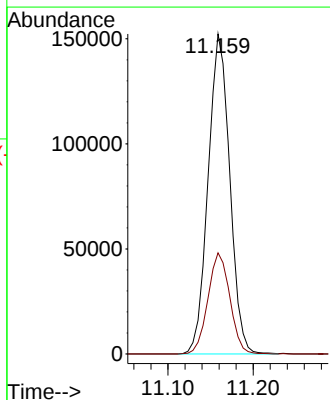
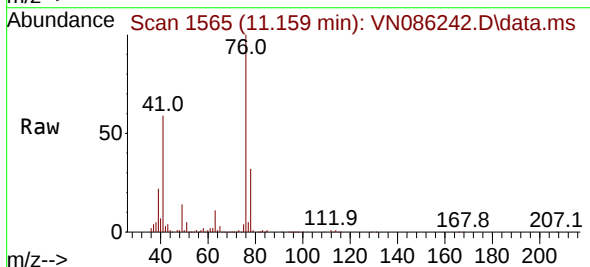
Manual Integrations  
APPROVED

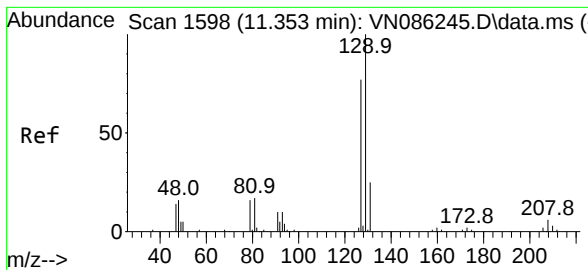
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#52  
1,3-Dichloropropane  
Concen: 96.673 ug/l  
RT: 11.159 min Scan# 1565  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

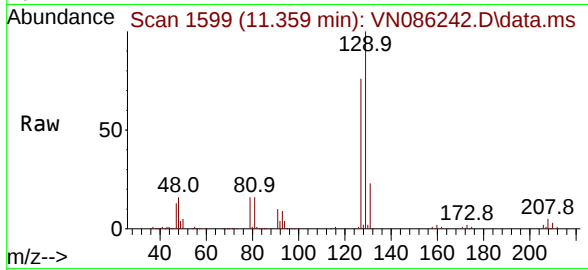
Tgt Ion: 76 Resp: 268559  
Ion Ratio Lower Upper  
76 100  
78 31.9 0.0 64.6





#53  
Dibromochloromethane  
Concen: 96.562 ug/l  
RT: 11.359 min Scan# 1598  
Delta R.T. 0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

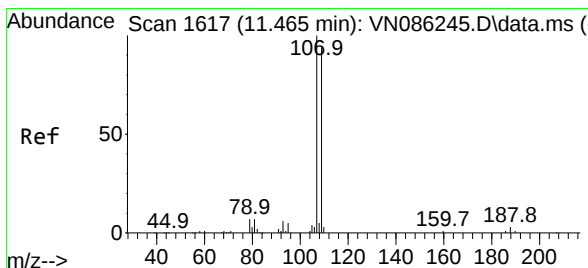
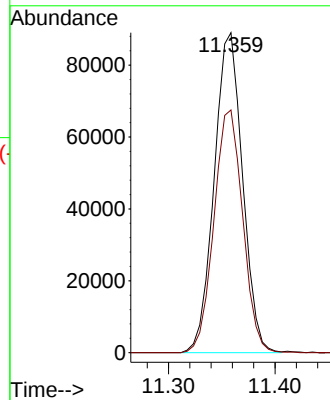
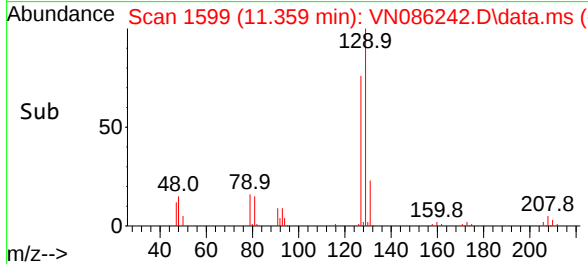
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



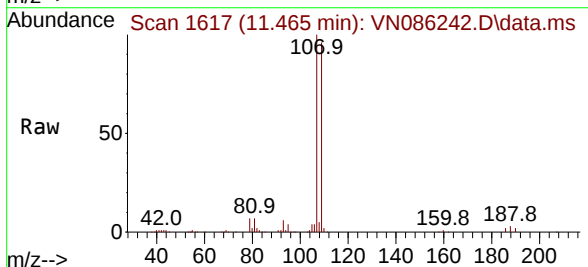
Tgt Ion:129 Resp: 164620  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.5 115.5

Manual Integrations  
APPROVED

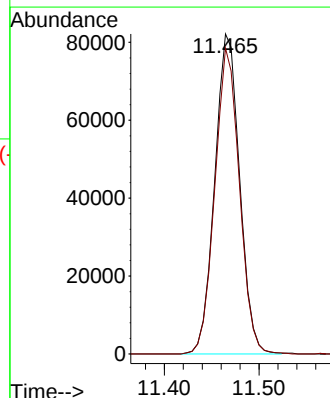
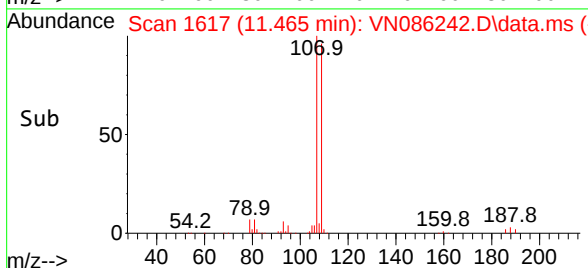
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

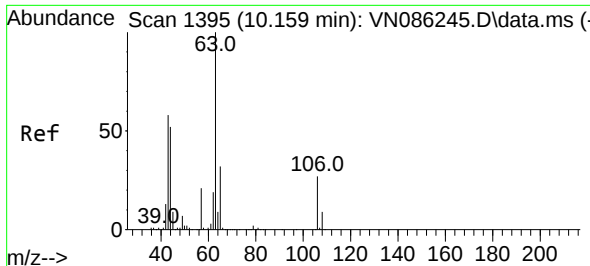


#54  
1,2-Dibromoethane  
Concen: 95.239 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



Tgt Ion:107 Resp: 149844  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.2 112.8





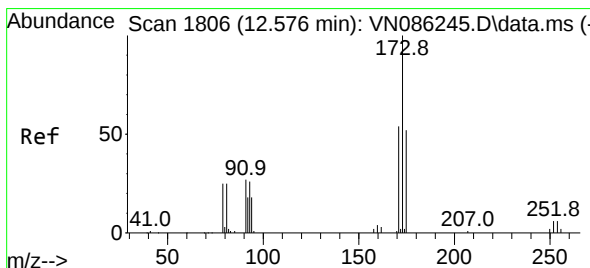
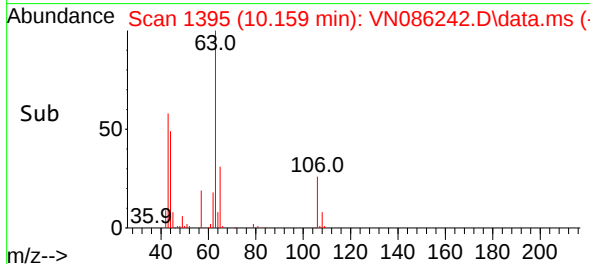
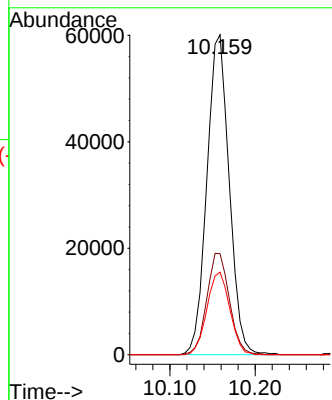
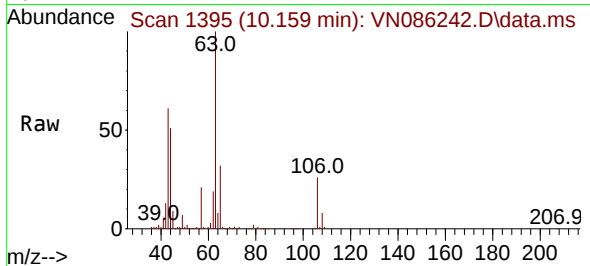
#55  
2-Chloroethyl vinyl ether  
Concen: 99.826 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 63 Resp: 10925  
Ion Ratio Lower Upper  
63 100  
65 32.1 25.8 38.8  
106 26.4 21.8 32.8

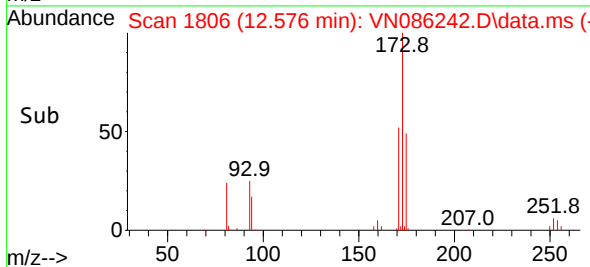
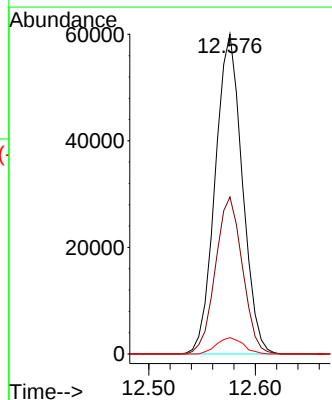
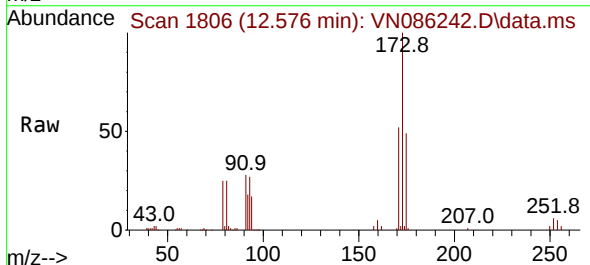
Manual Integrations  
APPROVED

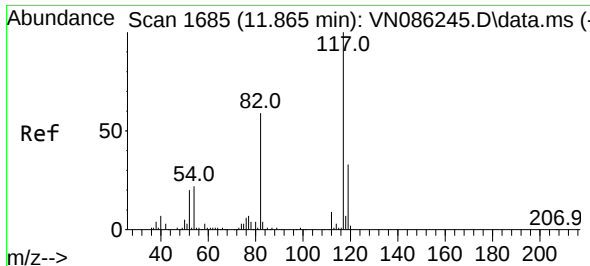
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#56  
Bromoform  
Concen: 94.994 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Tgt Ion:173 Resp: 105955  
Ion Ratio Lower Upper  
173 100  
175 48.9 38.2 57.4  
254 5.0 4.5 6.7





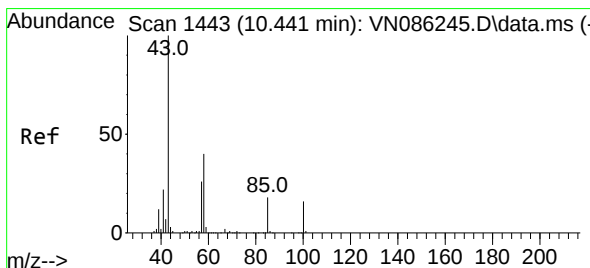
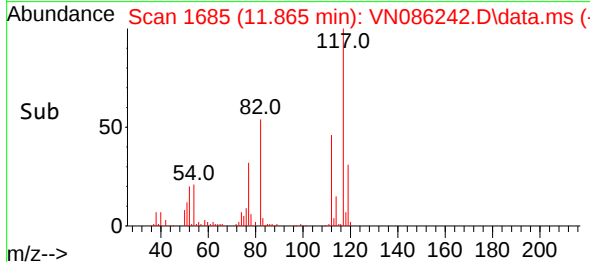
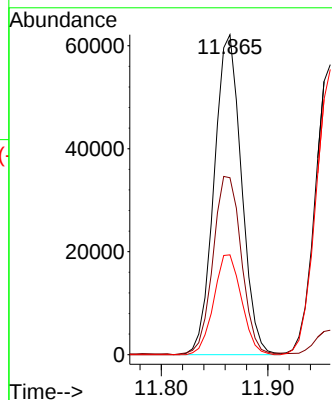
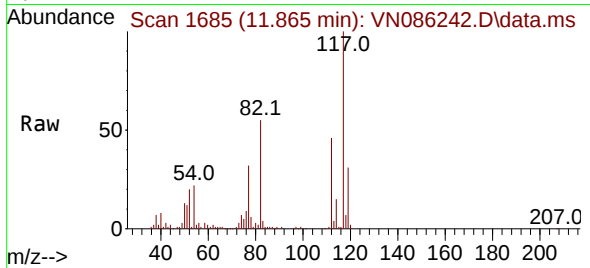
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.865 min Scan# 1187  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 117 Resp: 110874  
Ion Ratio Lower Upper  
117 100  
82 58.0 47.3 70.9  
119 31.7 25.9 38.9

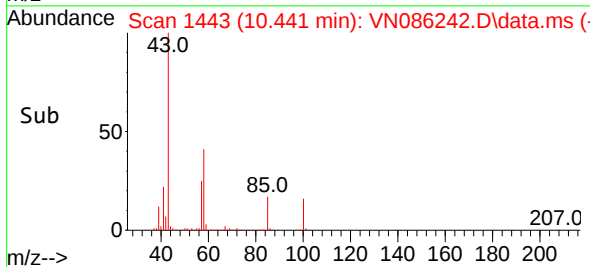
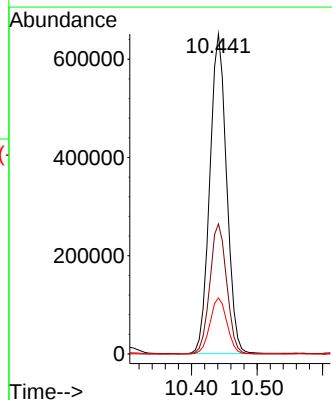
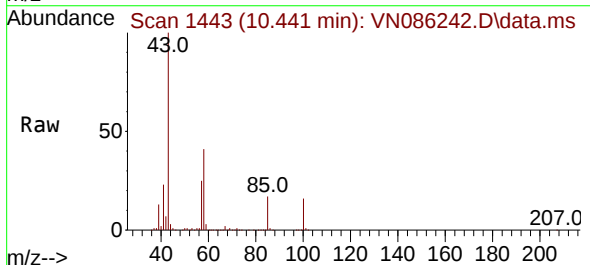
Manual Integrations  
APPROVED

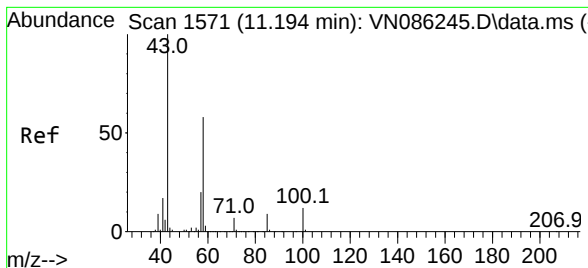
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#58  
4-Methyl-2-Pentanone  
Concen: 460.173 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

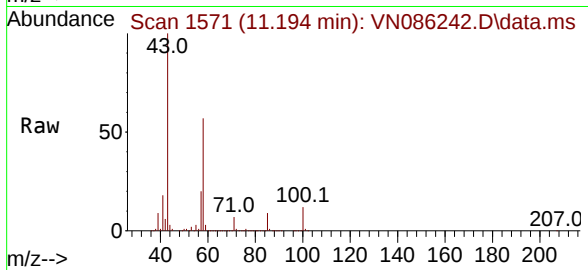
Tgt Ion: 43 Resp: 1157830  
Ion Ratio Lower Upper  
43 100  
58 40.9 32.5 48.7  
85 17.7 14.4 21.6





#59  
2-Hexanone  
Concen: 458.017 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

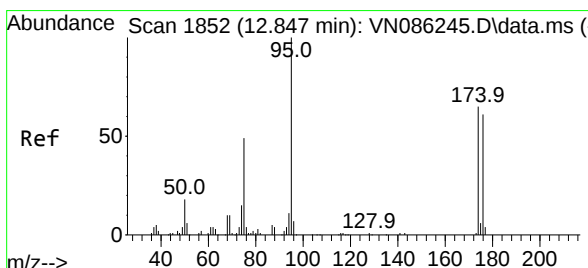
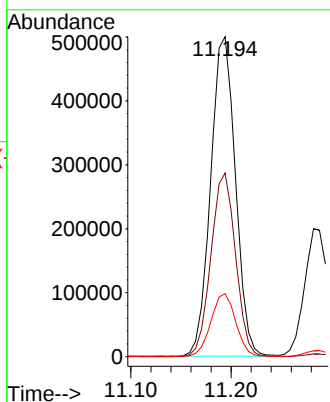
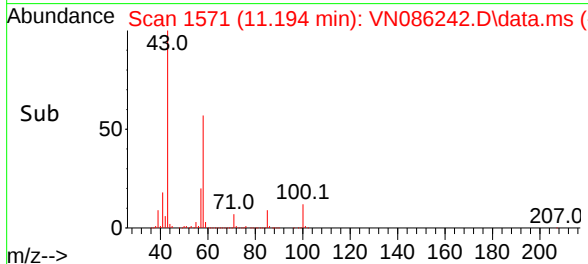
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



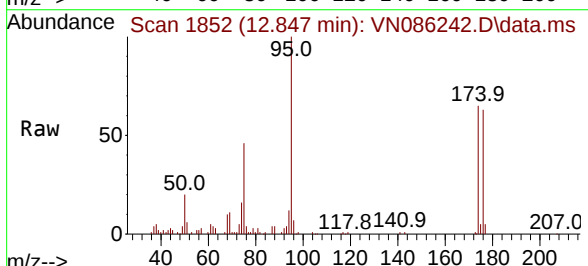
Tgt Ion: 43 Resp: 85811  
Ion Ratio Lower Upper  
43 100  
58 57.0 45.3 67.9  
57 19.7 15.8 23.6

Manual Integrations  
APPROVED

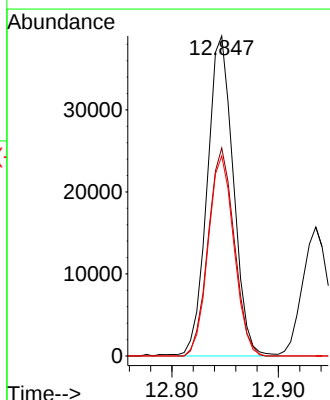
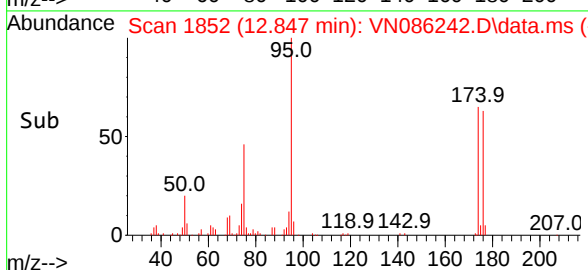
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

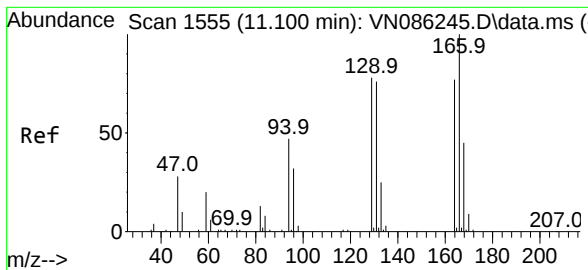


#60  
4-Bromofluorobenzene  
Concen: 30.135 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



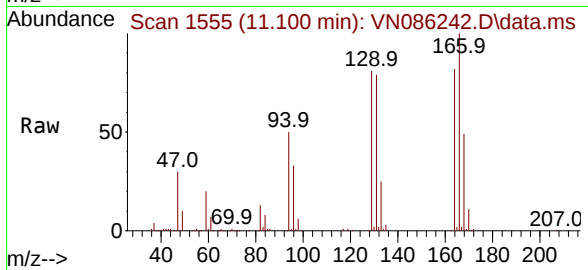
Tgt Ion: 95 Resp: 66521  
Ion Ratio Lower Upper  
95 100  
174 64.5 52.7 79.1  
176 61.5 49.8 74.8





#61  
Tetrachloroethene  
Concen: 97.556 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

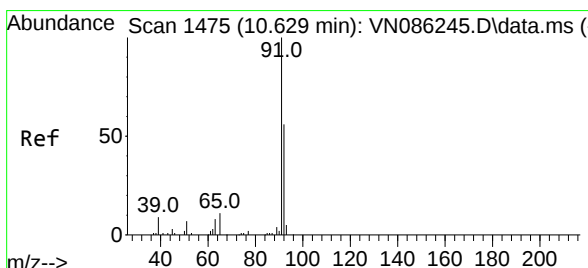
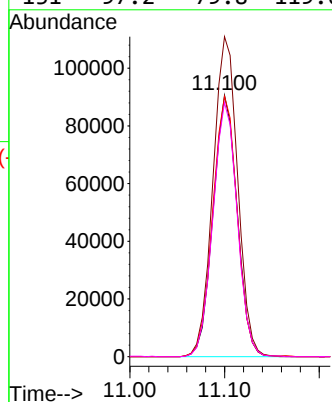
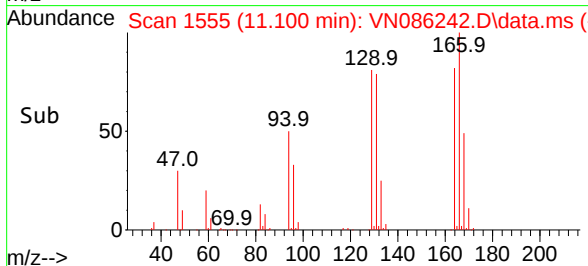
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion:164 Resp: 159732  
Ion Ratio Lower Upper  
164 100  
166 122.4 104.5 156.7  
129 99.7 81.7 122.5  
131 97.2 79.8 119.6

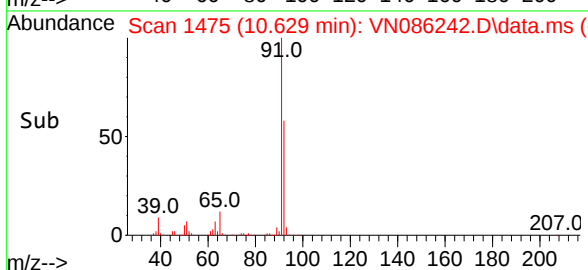
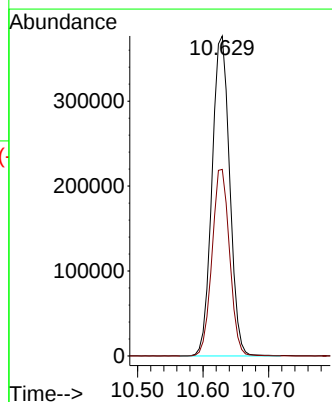
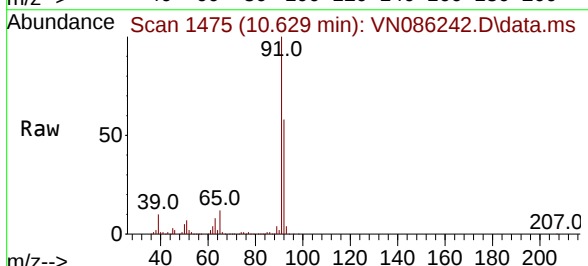
Manual Integrations  
APPROVED

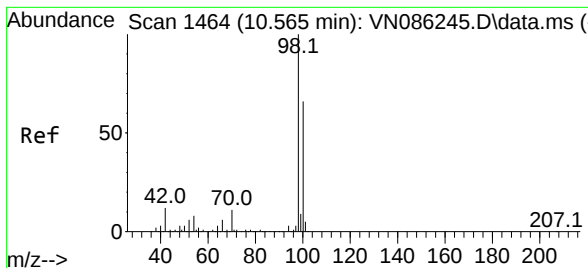
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#62  
Toluene  
Concen: 94.810 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

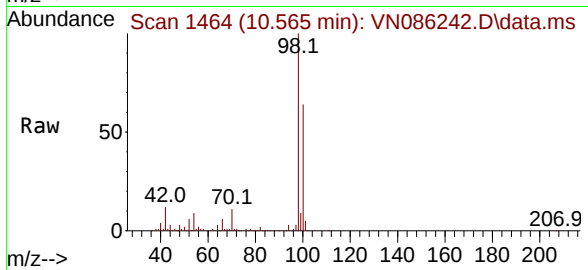
Tgt Ion: 91 Resp: 705070  
Ion Ratio Lower Upper  
91 100  
92 57.9 46.8 70.2





#63  
Toluene-d8  
Concen: 29.627 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

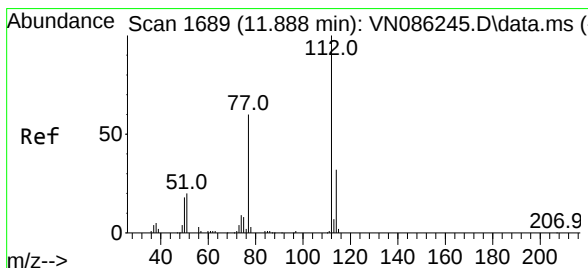
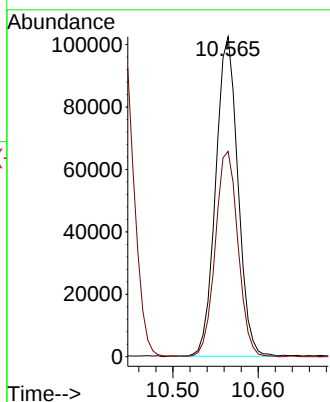
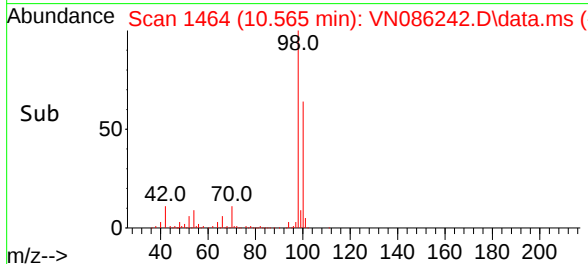
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



Tgt Ion: 98 Resp: 185448  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.3 78.5

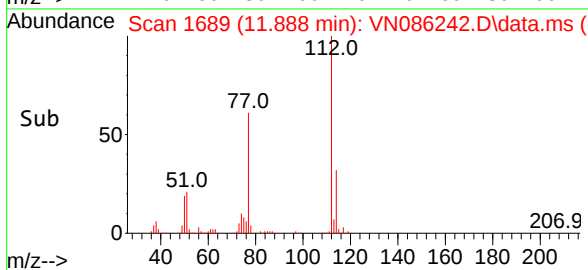
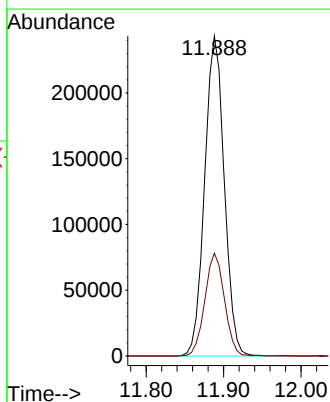
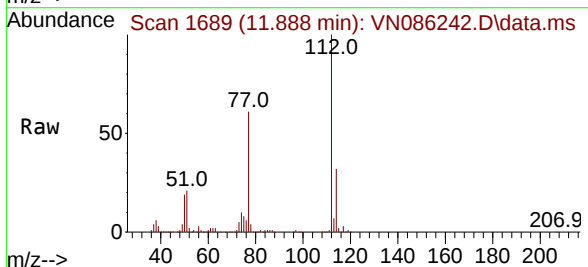
Manual Integrations  
APPROVED

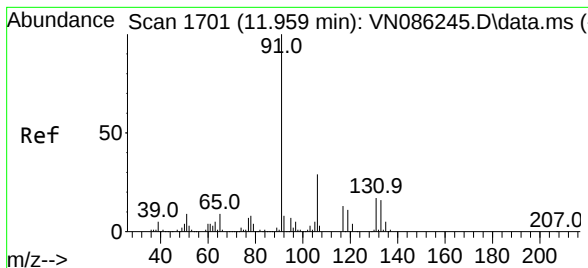
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#64  
Chlorobenzene  
Concen: 94.040 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

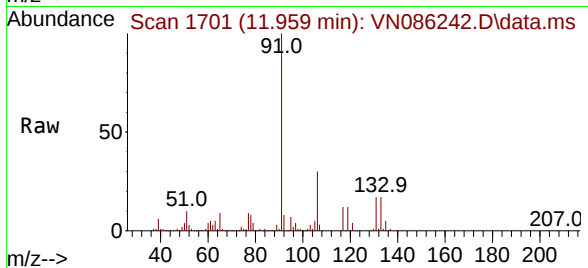
Tgt Ion:112 Resp: 427265  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.8 38.6





#65  
1,1,1,2-Tetrachloroethane  
Concen: 94.745 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

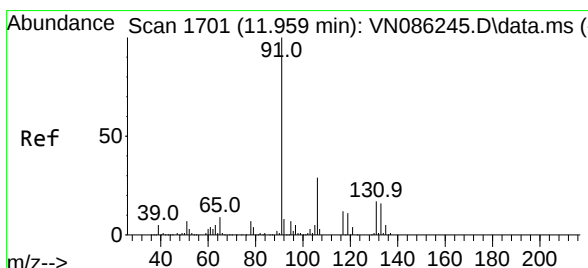
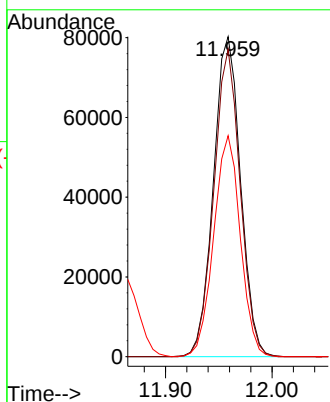
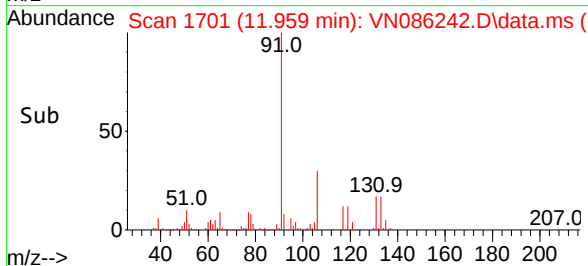
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



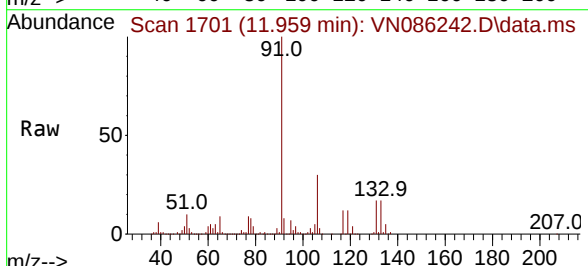
Tgt Ion:131 Resp: 142064  
Ion Ratio Lower Upper  
131 100  
133 93.5 0.0 190.4  
119 67.7 0.0 135.6

Manual Integrations  
APPROVED

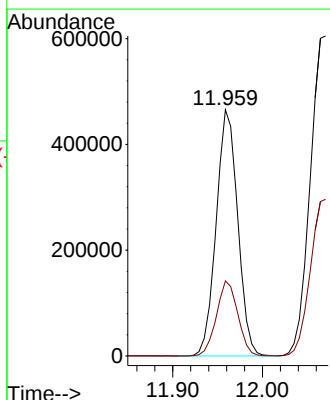
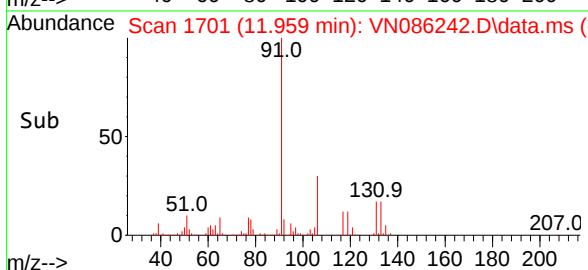
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

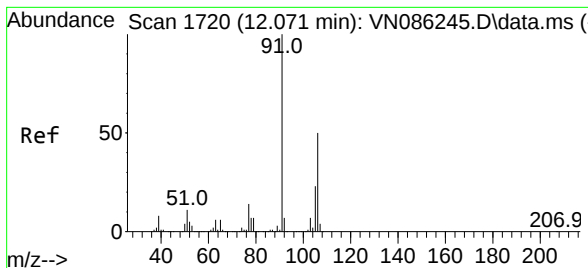


#66  
Ethyl Benzene  
Concen: 94.050 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



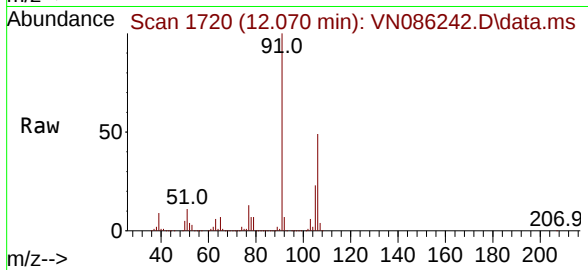
Tgt Ion: 91 Resp: 775657  
Ion Ratio Lower Upper  
91 100  
106 30.5 23.4 35.0





#67  
m/p-Xylenes  
Concen: 191.616 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

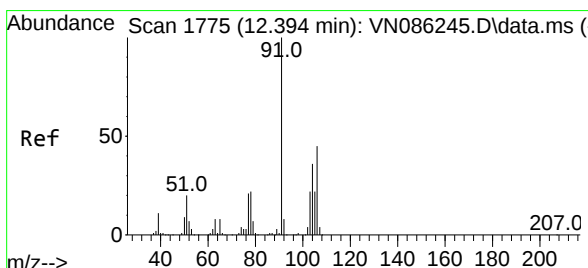
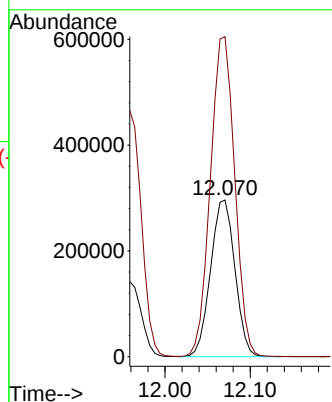
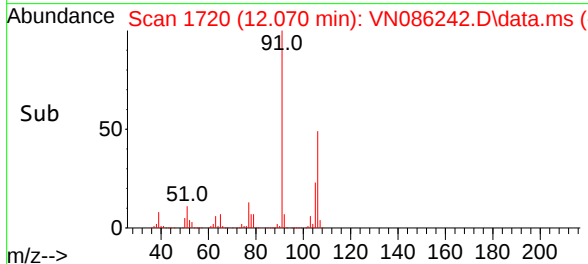
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



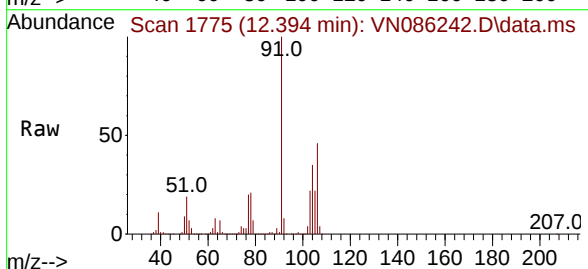
Tgt Ion:106 Resp: 587623  
Ion Ratio Lower Upper  
106 100  
91 204.2 164.5 246.7

Manual Integrations  
APPROVED

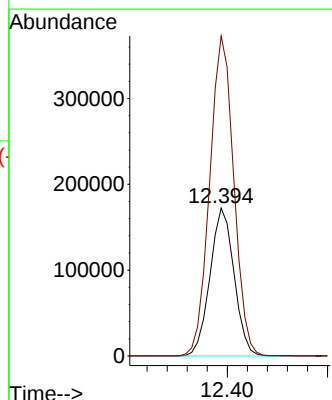
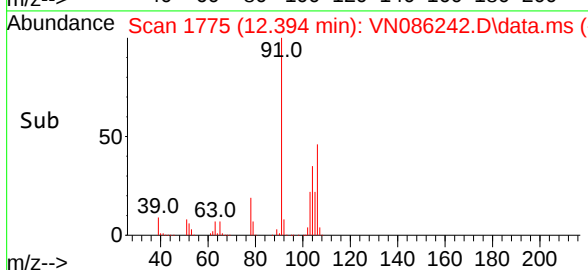
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

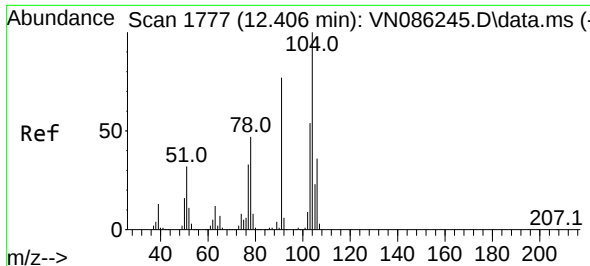


#68  
o-Xylene  
Concen: 95.205 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



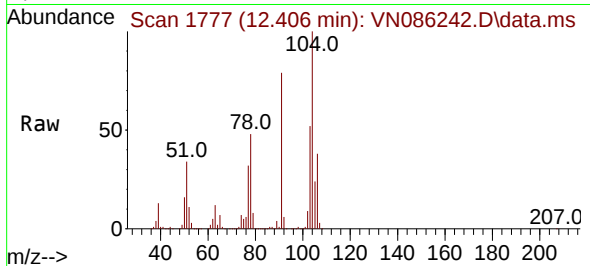
Tgt Ion:106 Resp: 287174  
Ion Ratio Lower Upper  
106 100  
91 216.6 109.8 329.4





#69  
Styrene  
Concen: 95.537 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

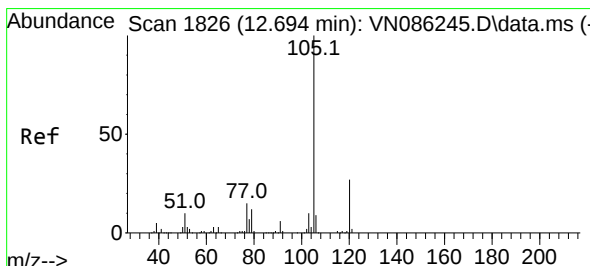
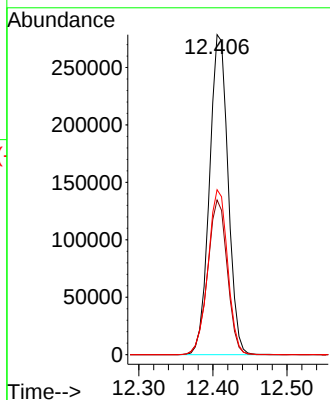
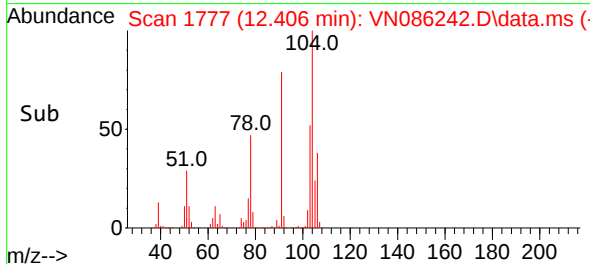
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100



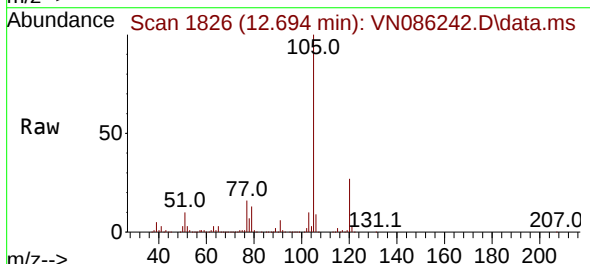
Tgt Ion:104 Resp: 486004  
Ion Ratio Lower Upper  
104 100  
78 50.9 41.4 62.0  
103 54.3 44.2 66.4

Manual Integrations  
APPROVED

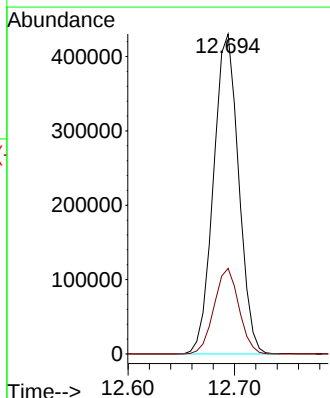
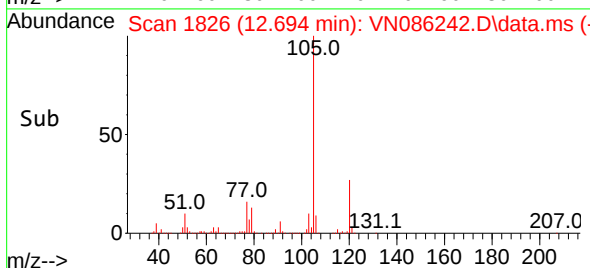
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025

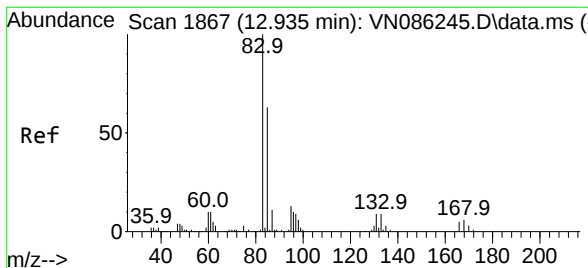


#70  
Isopropylbenzene  
Concen: 94.920 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04



Tgt Ion:105 Resp: 705950  
Ion Ratio Lower Upper  
105 100  
120 26.4 18.3 34.1





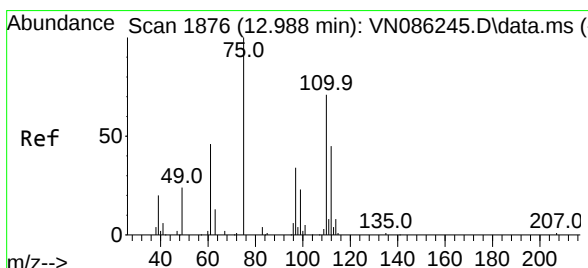
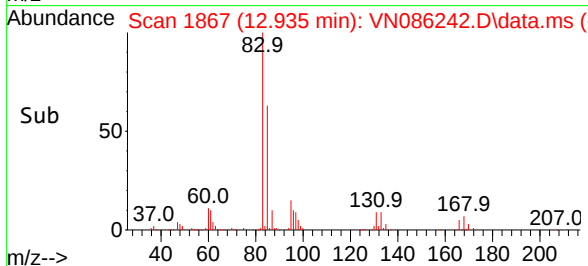
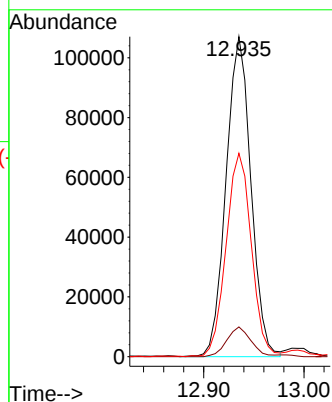
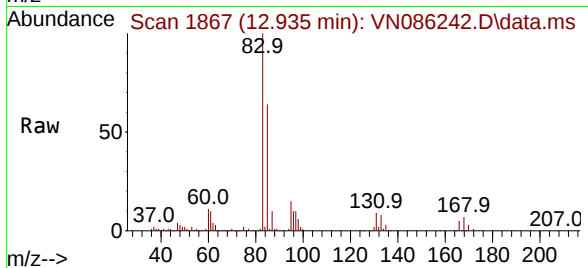
#71  
1,1,2,2-Tetrachloroethane  
Concen: 87.222 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 83 Resp: 18464  
Ion Ratio Lower Upper  
83 100  
131 9.0 4.8 14.3  
85 64.2 32.3 96.8

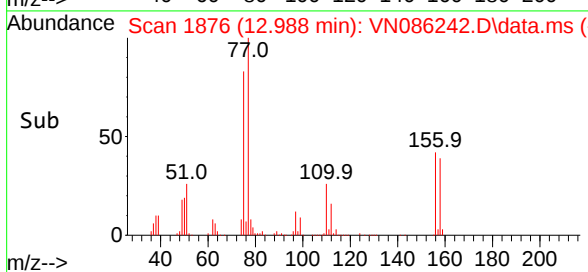
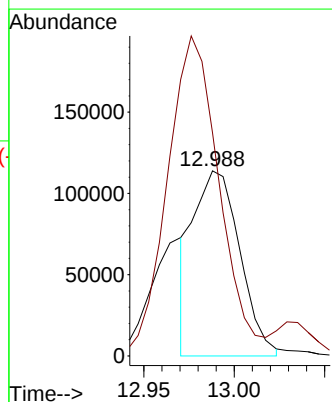
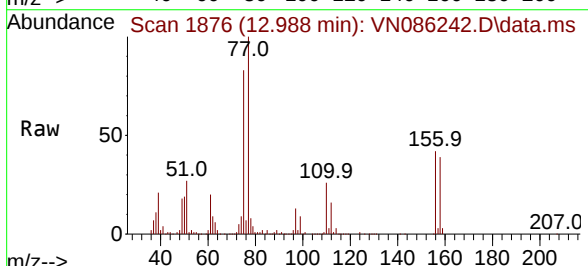
Manual Integrations  
APPROVED

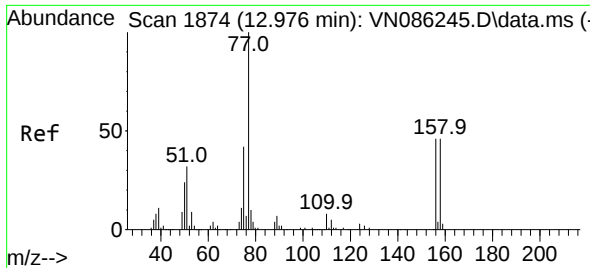
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#72  
1,2,3-Trichloropropane  
Concen: 67.831 ug/l m  
RT: 12.988 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Tgt Ion: 75 Resp: 203289  
Ion Ratio Lower Upper  
75 100  
77 193.6 0.0 380.0





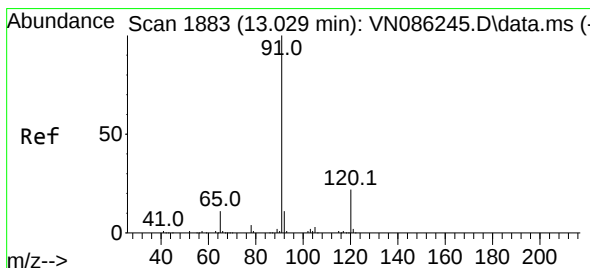
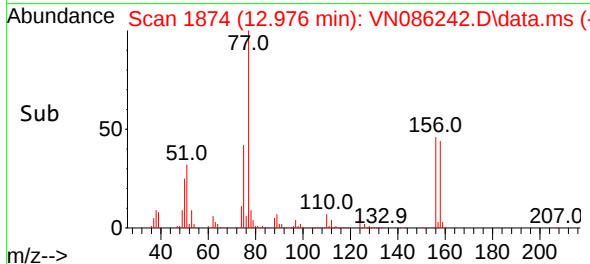
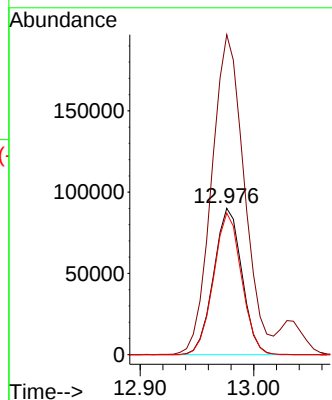
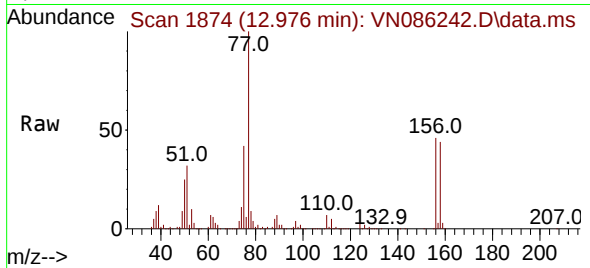
#73  
Bromobenzene  
Concen: 94.613 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion:156 Resp: 155884  
Ion Ratio Lower Upper  
156 100  
77 252.4 0.0 505.2  
158 95.6 0.0 195.0

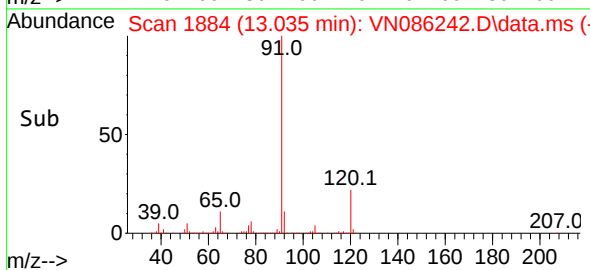
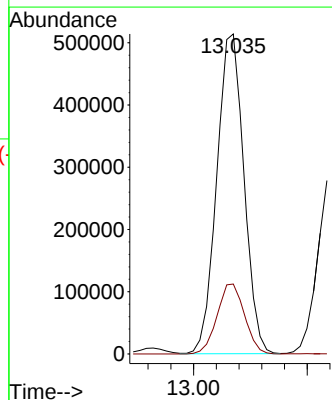
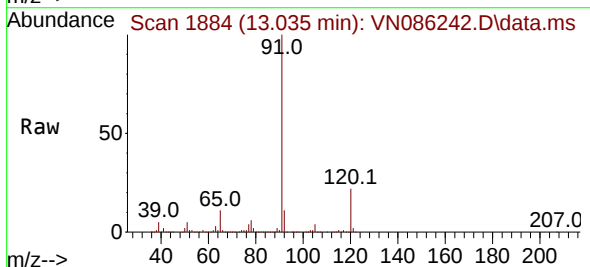
Manual Integrations  
APPROVED

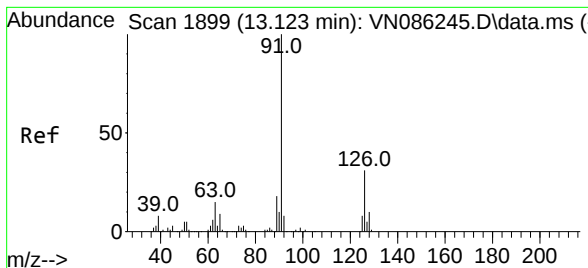
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#74  
n-propylbenzene  
Concen: 96.989 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Tgt Ion: 91 Resp: 854262  
Ion Ratio Lower Upper  
91 100  
120 22.0 0.0 44.0





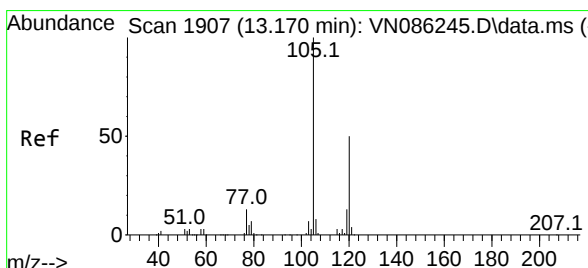
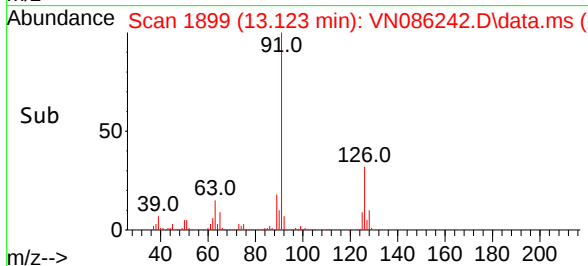
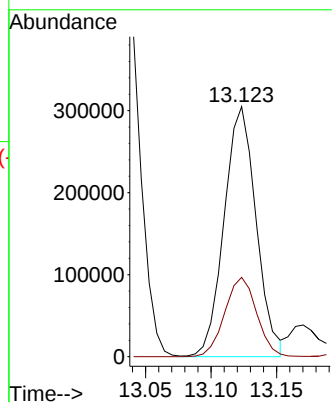
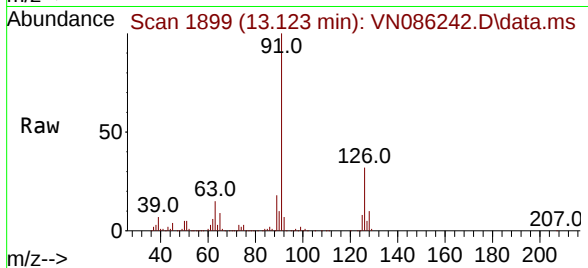
#75  
2-Chlorotoluene  
Concen: 93.916 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 91 Resp: 518410  
Ion Ratio Lower Upper  
91 100  
126 31.6 0.0 63.4

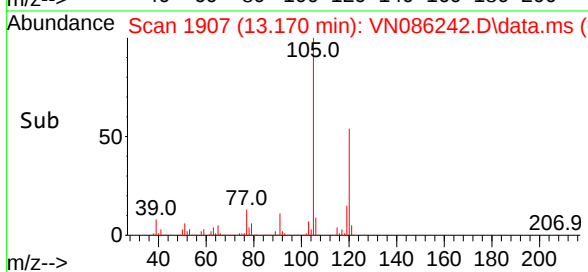
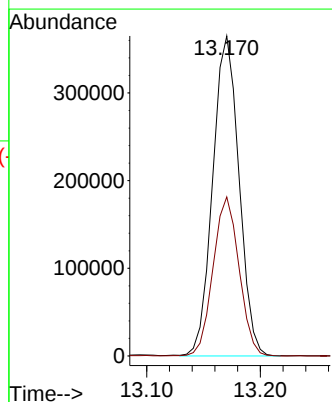
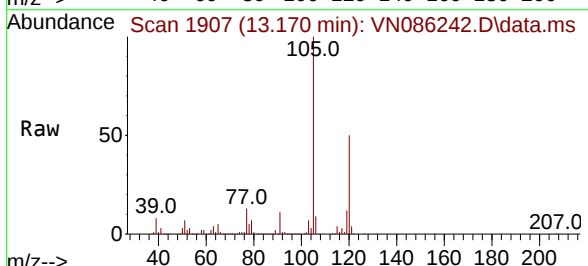
Manual Integrations  
APPROVED

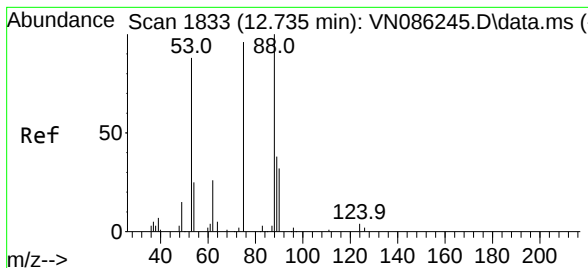
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#76  
1,3,5-Trimethylbenzene  
Concen: 95.970 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Tgt Ion:105 Resp: 586325  
Ion Ratio Lower Upper  
105 100  
120 49.1 0.0 98.0





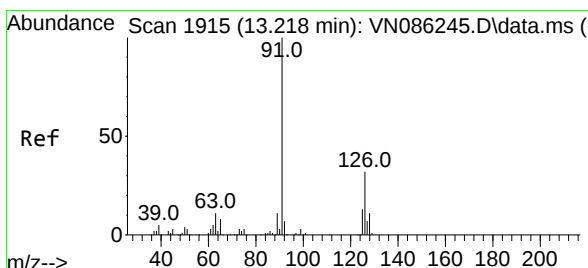
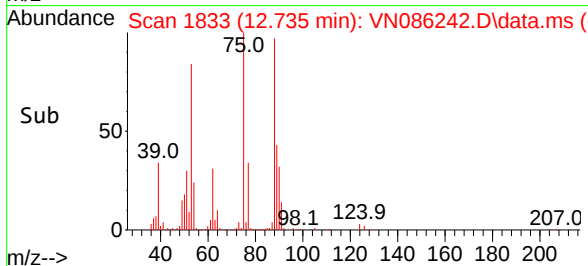
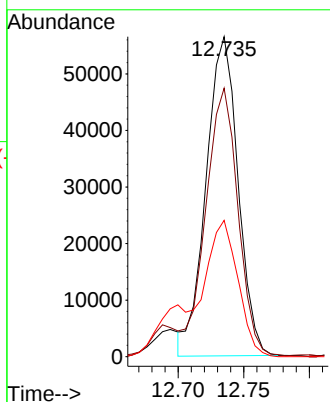
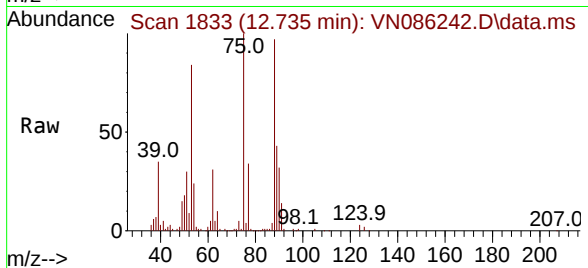
#77  
t-1,4-Dichloro-2-butene  
Concen: 94.184 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 75 Resp: 95690  
Ion Ratio Lower Upper  
75 100  
53 83.6 46.4 139.2  
89 42.8 22.5 67.5

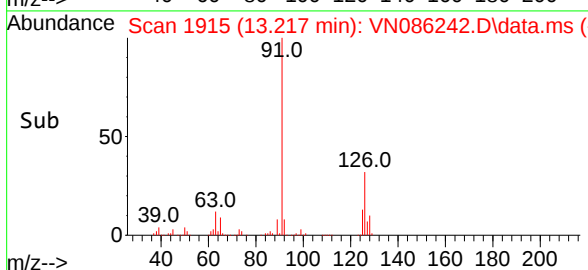
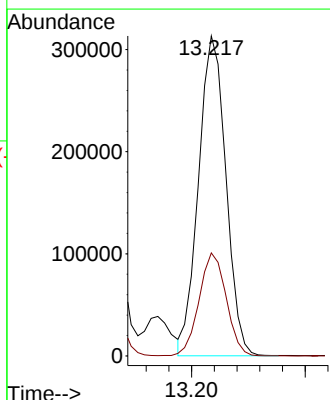
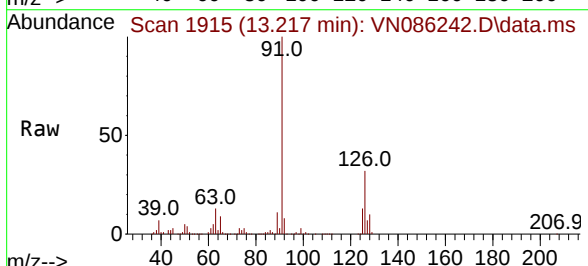
Manual Integrations  
APPROVED

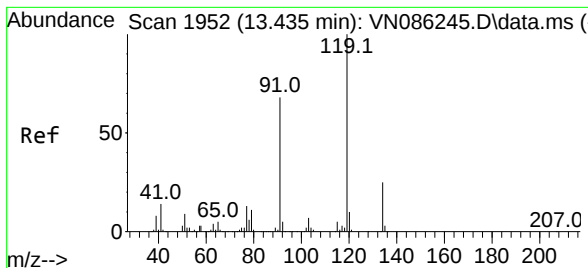
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#78  
4-Chlorotoluene  
Concen: 95.194 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Tgt Ion: 91 Resp: 524792  
Ion Ratio Lower Upper  
91 100  
126 32.0 0.0 63.2





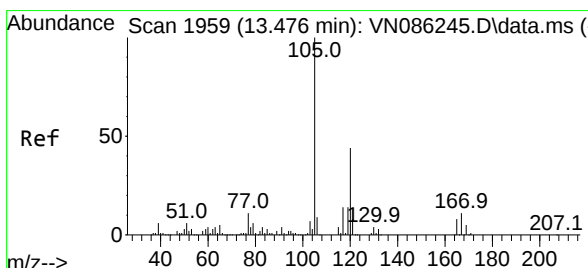
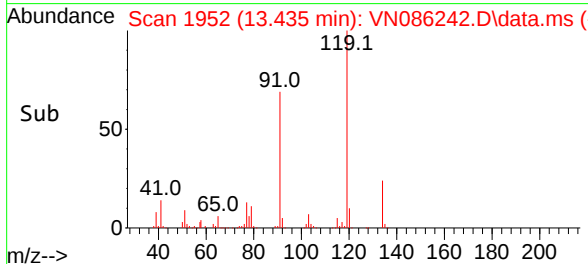
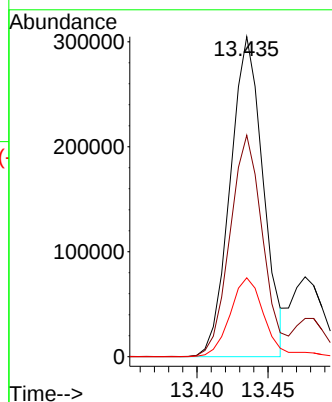
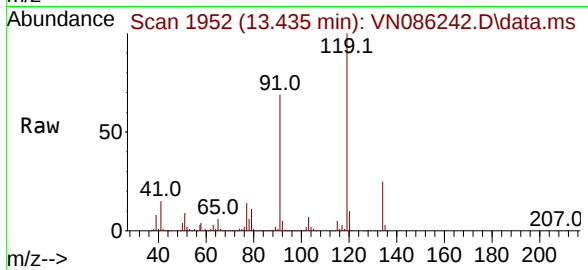
#79  
tert-butylbenzene  
Concen: 93.090 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:119 Resp: 492114  
Ion Ratio Lower Upper  
119 100  
91 69.3 0.0 136.6  
134 24.8 0.0 49.4

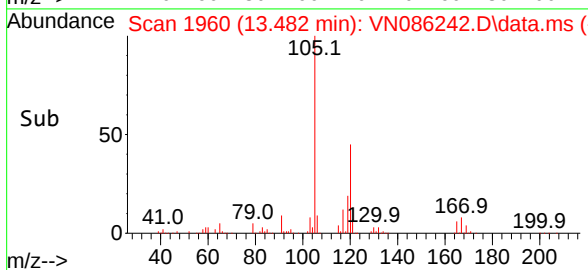
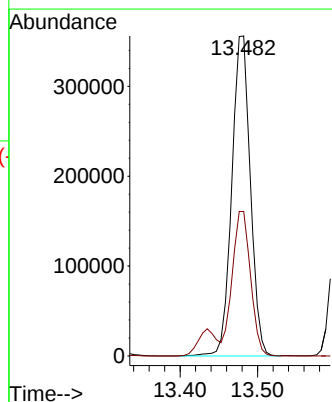
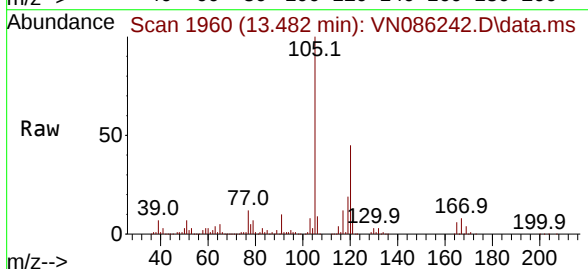
Manual Integrations  
APPROVED

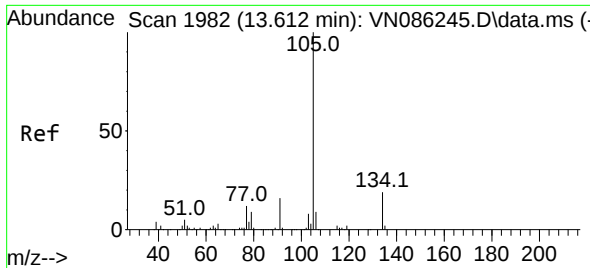
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#80  
1,2,4-Trimethylbenzene  
Concen: 95.880 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.006 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Tgt Ion:105 Resp: 593988  
Ion Ratio Lower Upper  
105 100  
120 44.6 0.0 91.0





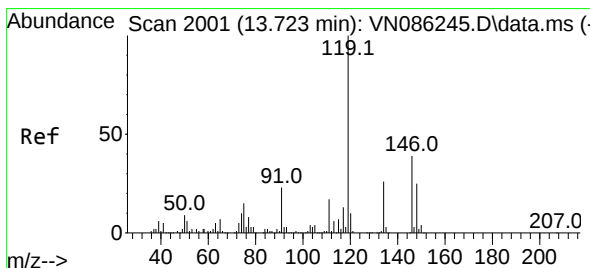
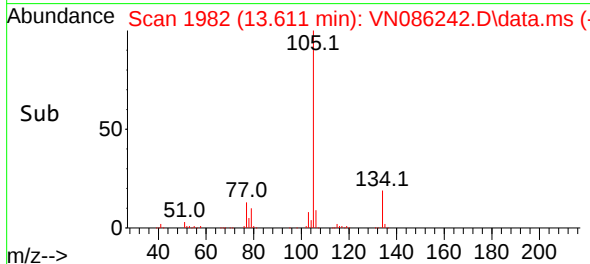
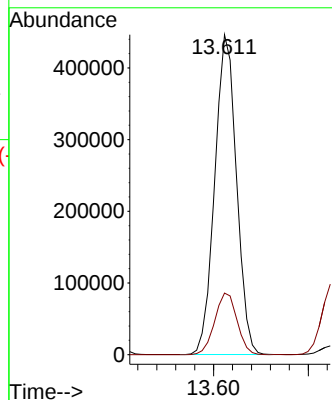
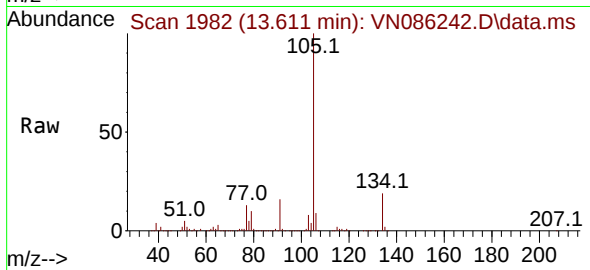
#81  
 sec-Butylbenzene  
 Concen: 96.423 ug/l  
 RT: 13.611 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN086242.D  
 Acq: 11 Apr 2025 11:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tgt Ion:105 Resp: 71103  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 0.0 38.6

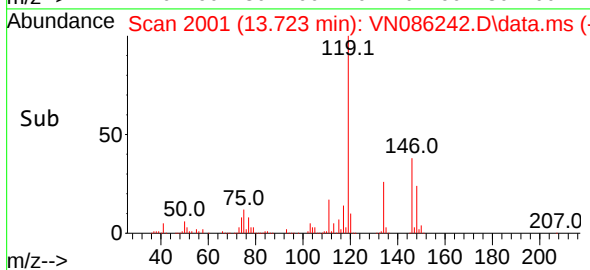
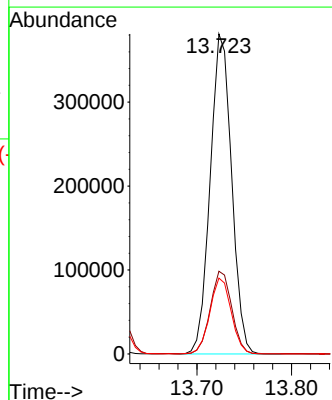
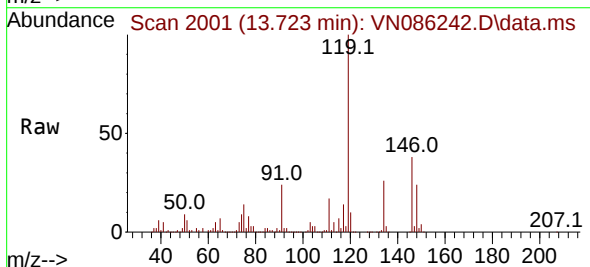
Manual Integrations  
 APPROVED

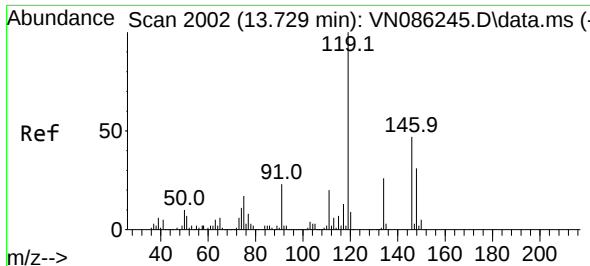
Reviewed By :John Carlone 04/14/2025  
 Supervised By :Mahesh Dadoda 04/14/2025



#82  
 p-Isopropyltoluene  
 Concen: 97.402 ug/l  
 RT: 13.723 min Scan# 2001  
 Delta R.T. -0.000 min  
 Lab File: VN086242.D  
 Acq: 11 Apr 2025 11:04

Tgt Ion:119 Resp: 599176  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 0.0 51.6  
 91 23.6 0.0 48.2





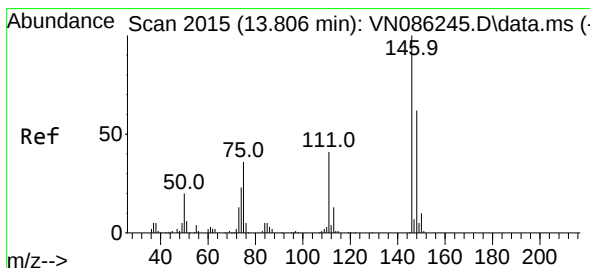
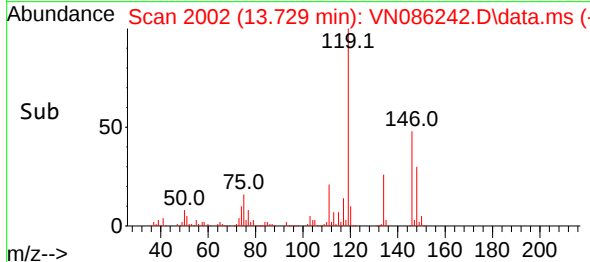
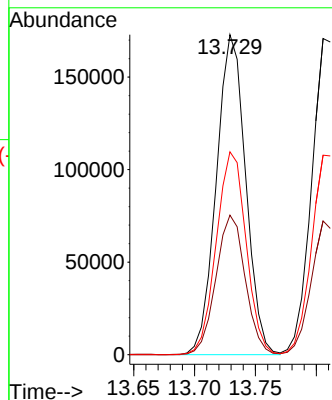
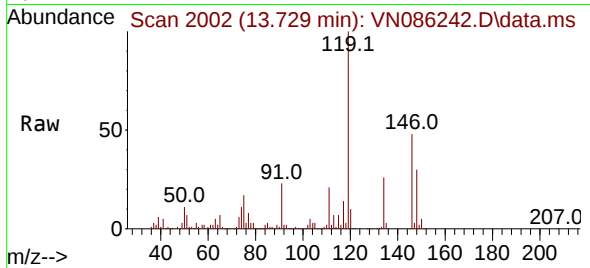
#83  
1,3-Dichlorobenzene  
Concen: 94.739 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion:146 Resp: 290118  
Ion Ratio Lower Upper  
146 100  
111 43.7 21.7 65.1  
148 64.4 32.3 96.8

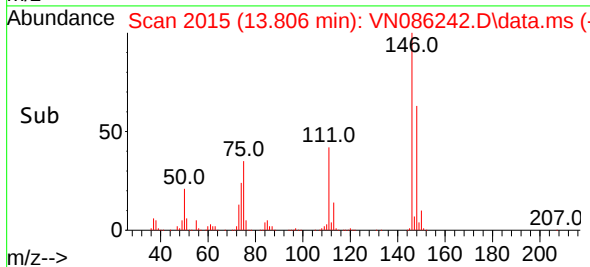
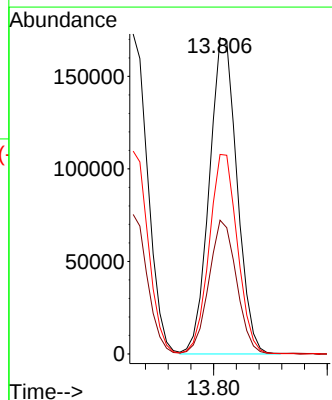
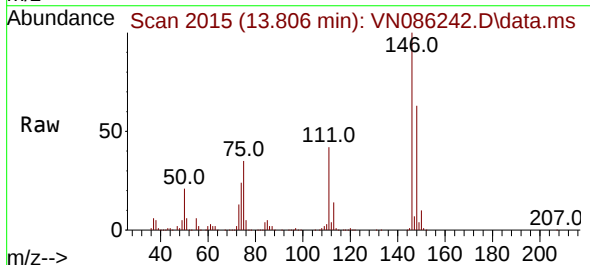
Manual Integrations  
APPROVED

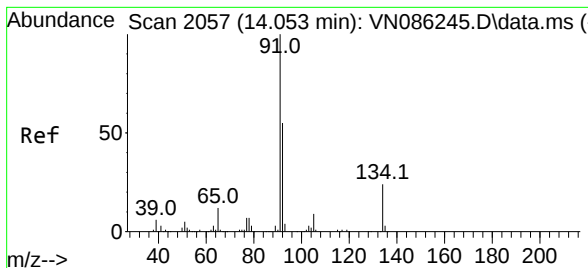
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#84  
1,4-Dichlorobenzene  
Concen: 94.482 ug/l  
RT: 13.806 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Tgt Ion:146 Resp: 290254  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.8 62.4  
148 63.8 31.9 95.5





#85

n-Butylbenzene

Concen: 99.247 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086242.D

Acq: 11 Apr 2025 11:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

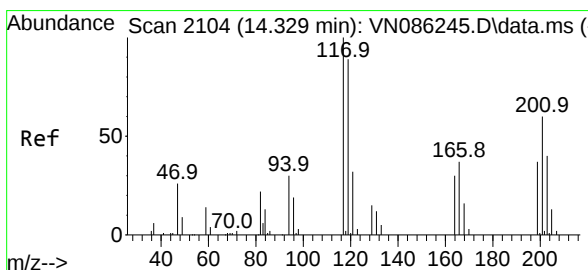
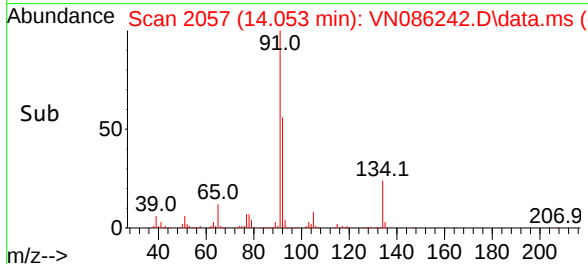
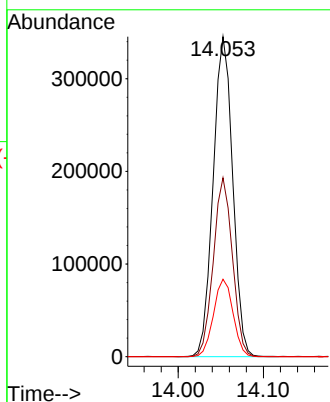
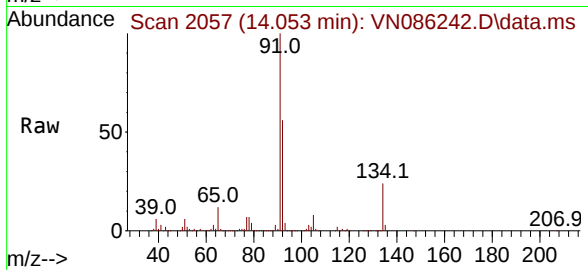
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 550772 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 54.5  | 0.0   | 109.4  |
| 134       | 24.2  | 0.0   | 48.2   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#86

Hexachloroethane

Concen: 97.469 ug/l

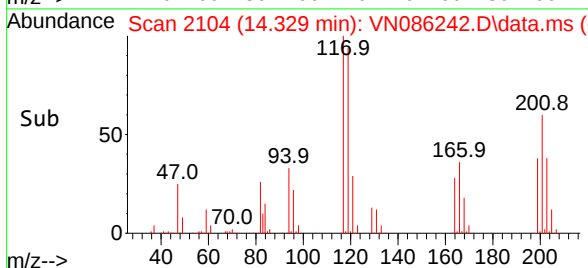
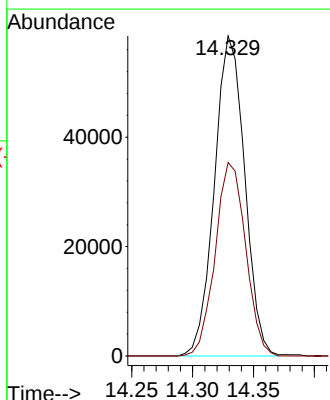
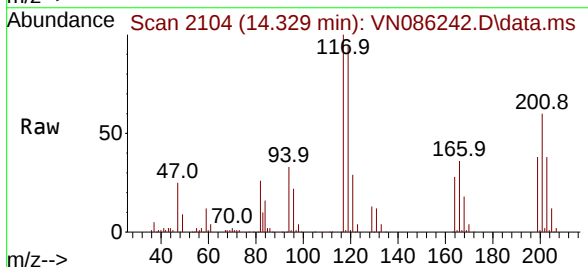
RT: 14.329 min Scan# 2104

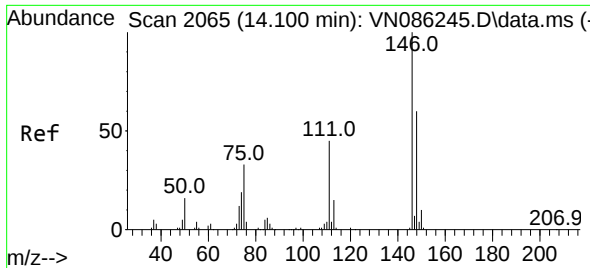
Delta R.T. -0.000 min

Lab File: VN086242.D

Acq: 11 Apr 2025 11:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 101143 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 201       | 60.7  | 30.9  | 92.8   |





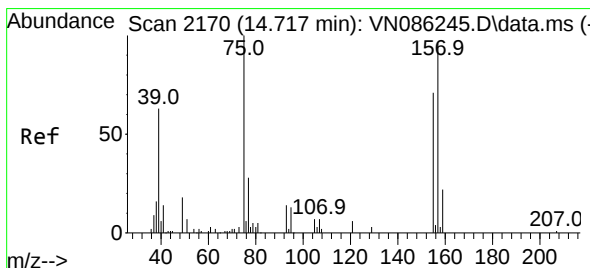
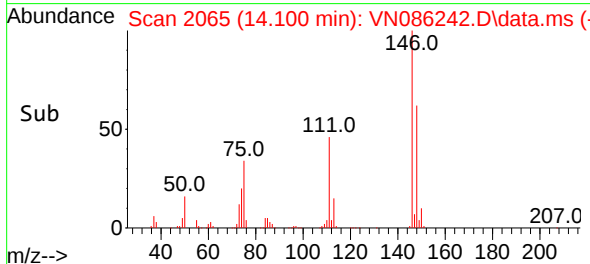
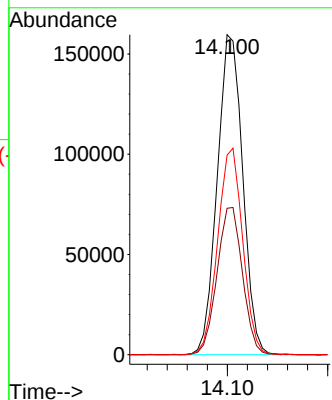
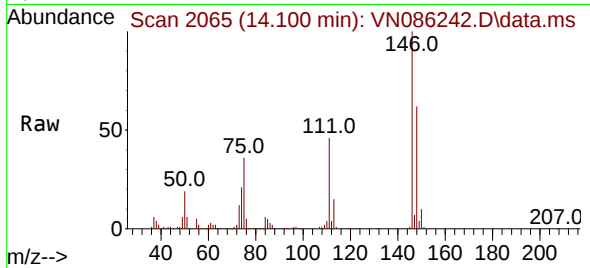
#87  
1,2-Dichlorobenzene  
Concen: 93.023 ug/l  
RT: 14.100 min Scan# 2065  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion:146 Resp: 281264  
Ion Ratio Lower Upper  
146 100  
111 45.9 22.7 68.0  
148 63.4 31.8 95.3

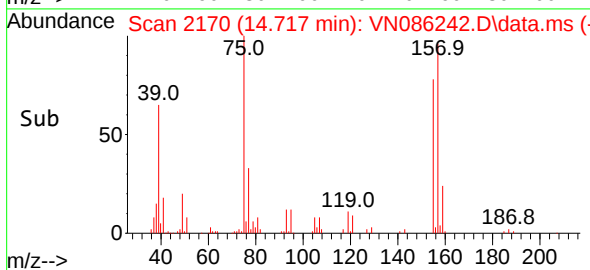
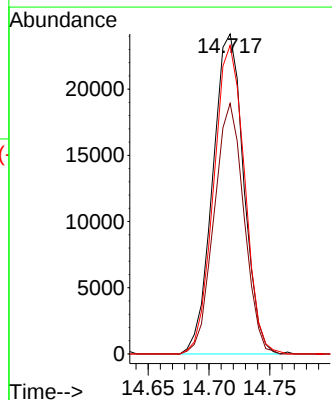
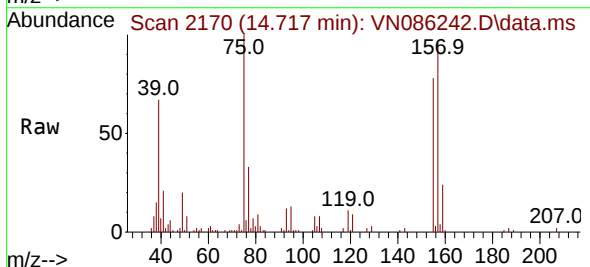
Manual Integrations  
APPROVED

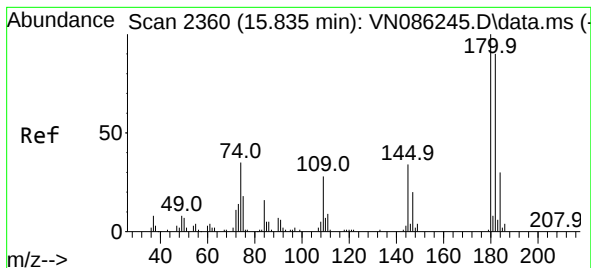
Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 88.876 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Tgt Ion: 75 Resp: 42853  
Ion Ratio Lower Upper  
75 100  
155 75.5 60.3 90.5  
157 95.8 79.0 118.4





#89

1,2,4-Trichlorobenzene

Concen: 93.313 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086242.D

Acq: 11 Apr 2025 11:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

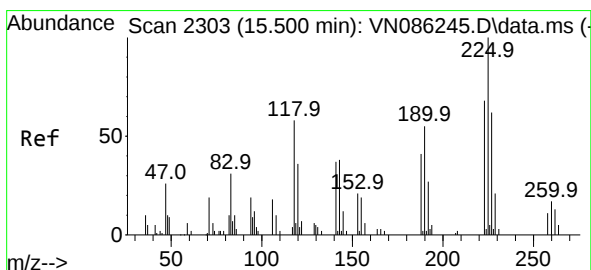
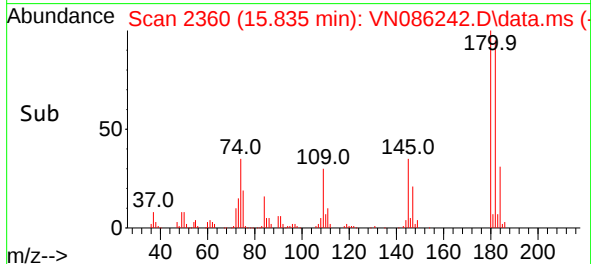
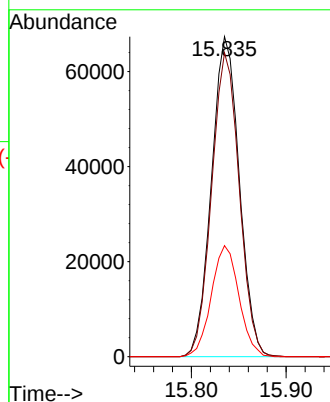
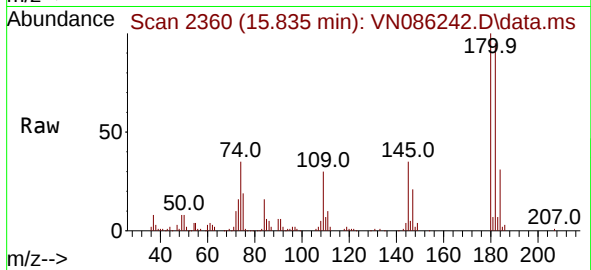
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 137279 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.1  | 75.1  | 112.7  |
| 145       | 34.5  | 27.1  | 40.7   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#90

Hexachlorobutadiene

Concen: 87.904 ug/l

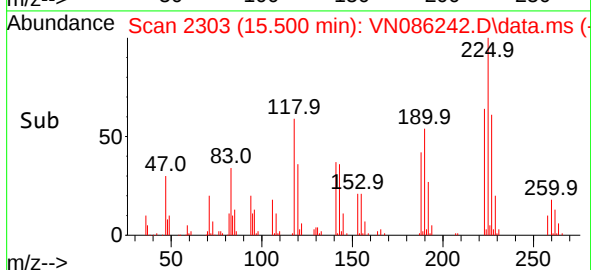
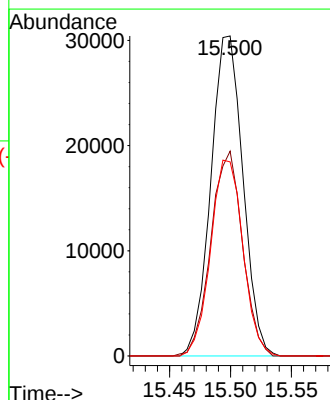
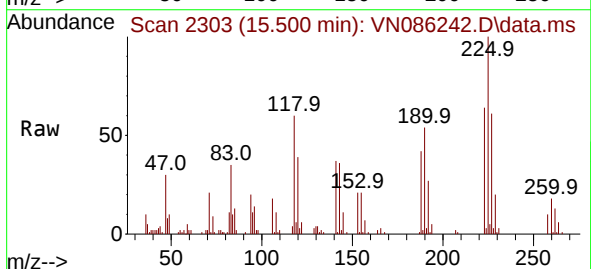
RT: 15.500 min Scan# 2303

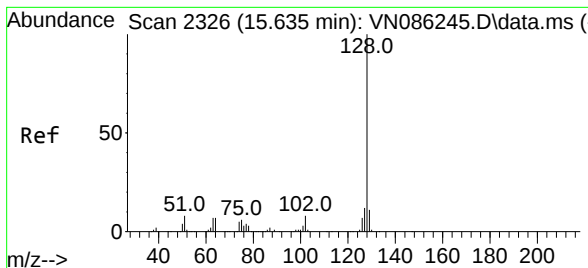
Delta R.T. -0.000 min

Lab File: VN086242.D

Acq: 11 Apr 2025 11:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 55837 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.1  | 0.0   | 130.0 |
| 227       | 61.5  | 0.0   | 123.2 |





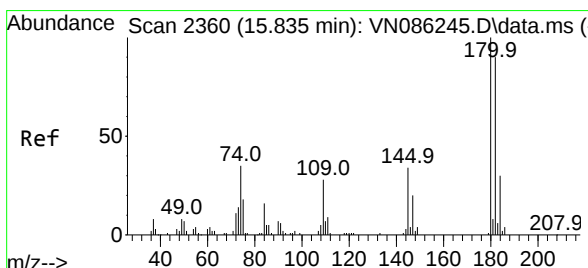
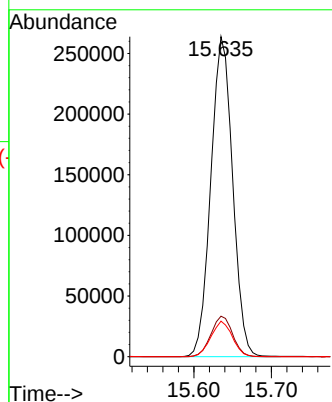
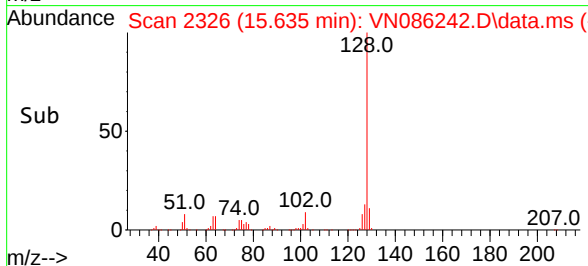
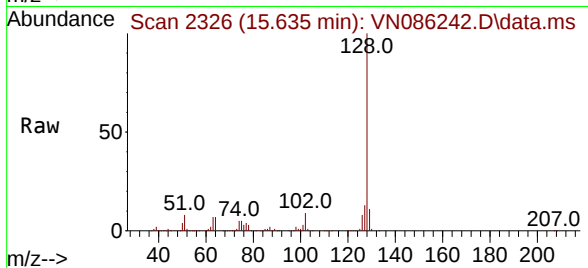
#91  
Naphthalene  
Concen: 88.964 ug/l  
RT: 15.635 min Scan# 2326  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:128 Resp: 51603  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.2 15.2  
129 10.9 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :John Carlone 04/14/2025  
Supervised By :Mahesh Dadoda 04/14/2025



#92  
1,2,3-Trichlorobenzene  
Concen: 93.313 ug/l  
RT: 15.835 min Scan# 2360  
Delta R.T. -0.000 min  
Lab File: VN086242.D  
Acq: 11 Apr 2025 11:04

Tgt Ion:180 Resp: 137279  
Ion Ratio Lower Upper  
180 100  
182 94.1 0.0 187.8  
145 34.5 0.0 67.8

