

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082125\  
 Data File : VN087619.D  
 Acq On : 21 Aug 2025 12:09  
 Operator : JC\MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Quant Time: Aug 22 02:28:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 22 02:09:28 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025  
 Supervised By :Mahesh Dadoda 08/25/2025

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.206  | 168   | 214194   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.082  | 114   | 425894   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.847 | 117   | 384310   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.770 | 152   | 174637   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 0.000  | 65    | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 0.000%#  |
| 35) Dibromofluoromethane     | 0.000  | 113   | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 0.000%#  |
| 50) Toluene-d8               | 0.000  | 98    | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 0.000%#  |
| 62) 4-Bromofluorobenzene     | 0.000  | 95    | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 0.000%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142  | 85    | 3030     | 0.996    | ug/l   | 75       |
| 3) Chloromethane             | 2.389  | 50    | 3165     | 1.012    | ug/l # | 87       |
| 4) Vinyl Chloride            | 2.542  | 62    | 3896     | 1.075    | ug/l   | 98       |
| 6) Chloroethane              | 3.142  | 64    | 3113     | 1.222    | ug/l   | 89       |
| 7) Trichlorofluoromethane    | 3.518  | 101   | 5667     | 1.067    | ug/l   | 88       |
| 8) Diethyl Ether             | 3.977  | 74    | 2728m    | 1.179    | ug/l   |          |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 3764     | 1.253    | ug/l # | 68       |
| 12) 1,1-Dichloroethene       | 4.353  | 96    | 3823     | 1.238    | ug/l # | 55       |
| 14) Allyl chloride           | 5.024  | 41    | 6754     | 1.207    | ug/l # | 70       |
| 15) Acrylonitrile            | 5.706  | 53    | 11893    | 5.535    | ug/l # | 90       |
| 16) Acetone                  | 4.424  | 43    | 13568    | 5.679    | ug/l # | 75       |
| 17) Carbon Disulfide         | 4.700  | 76    | 9734     | 1.145    | ug/l # | 90       |
| 18) Methyl Acetate           | 5.012  | 43    | 6213m    | 1.242    | ug/l   |          |
| 19) Methyl tert-butyl Ether  | 5.794  | 73    | 12249    | 1.057    | ug/l   | 91       |
| 20) Methylene Chloride       | 5.277  | 84    | 6402     | 0.627    | ug/l # | 57       |
| 21) trans-1,2-Dichloroethene | 5.777  | 96    | 4079     | 1.219    | ug/l   | 93       |
| 22) Diisopropyl ether        | 6.665  | 45    | 12751    | 1.056    | ug/l # | 76       |
| 23) Vinyl Acetate            | 6.588  | 43    | 56320    | 5.126    | ug/l # | 90       |
| 24) 1,1-Dichloroethane       | 6.541  | 63    | 7704     | 1.163    | ug/l # | 94       |
| 25) 2-Butanone               | 7.471  | 43    | 16779    | 5.338    | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 7.477  | 77    | 6425     | 1.131    | ug/l   | 77       |
| 27) cis-1,2-Dichloroethene   | 7.477  | 96    | 4272     | 1.068    | ug/l   | 94       |
| 28) Bromochloromethane       | 7.794  | 49    | 3426     | 1.070    | ug/l # | 91       |
| 29) Tetrahydrofuran          | 7.830  | 42    | 11129    | 5.502    | ug/l   | 98       |
| 30) Chloroform               | 7.953  | 83    | 7183     | 1.063    | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 8.159  | 97    | 6468     | 1.129    | ug/l # | 52       |
| 36) 1,1-Dichloropropene      | 8.353  | 75    | 5965     | 1.264    | ug/l   | 90       |
| 37) Ethyl Acetate            | 7.547  | 43    | 7468m    | 1.159    | ug/l   |          |
| 38) Carbon Tetrachloride     | 8.347  | 117   | 4866     | 1.045    | ug/l   | 90       |
| 39) Methylcyclohexane        | 9.582  | 83    | 5843     | 1.125    | ug/l # | 87       |
| 40) Benzene                  | 8.588  | 78    | 15783    | 1.091    | ug/l   | 100      |
| 41) Methacrylonitrile        | 7.771  | 41    | 3967     | 1.188    | ug/l # | 71       |
| 42) 1,2-Dichloroethane       | 8.659  | 62    | 6078     | 1.093    | ug/l   | 95       |
| 43) Isopropyl Acetate        | 8.677  | 43    | 10524    | 1.046    | ug/l # | 64       |
| 44) Trichloroethene          | 9.329  | 130   | 3709     | 1.123    | ug/l   | 96       |
| 45) 1,2-Dichloropropane      | 9.594  | 63    | 4636     | 1.216    | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082125\  
 Data File : VN087619.D  
 Acq On : 21 Aug 2025 12:09  
 Operator : JC\MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 08/22/2025  
 Supervised By : Mahesh Dadoda 08/25/2025

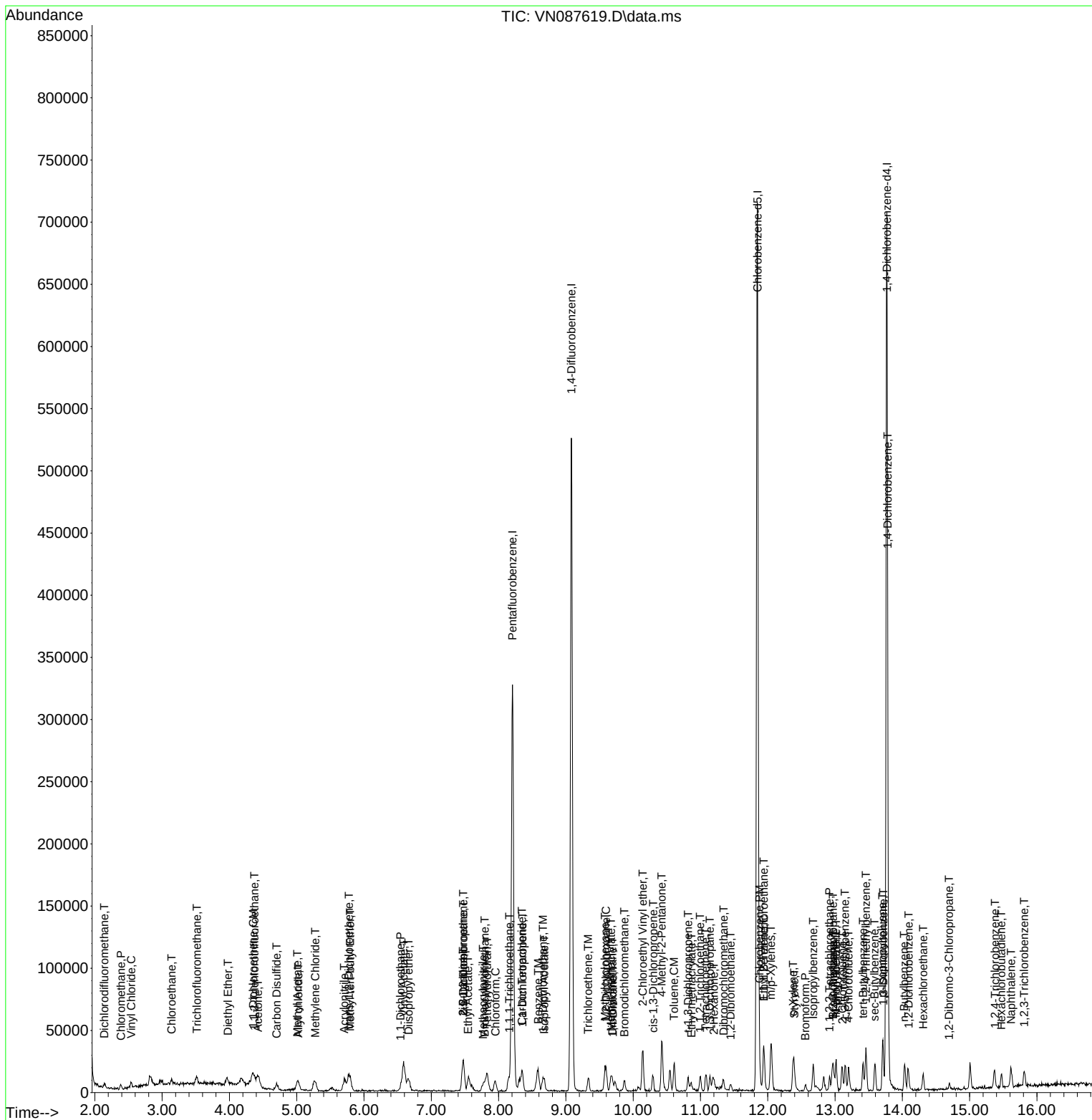
Quant Time: Aug 22 02:28:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 22 02:09:28 2025  
 Response via : Initial Calibration

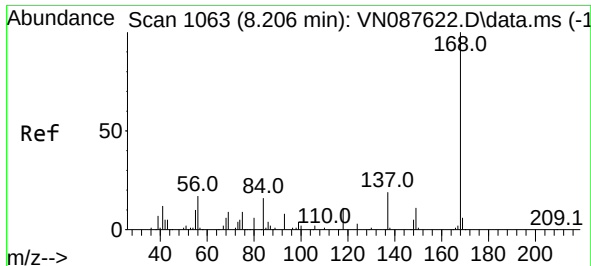
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) Dibromomethane            | 9.694  | 93   | 2989     | 1.101  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.871  | 83   | 5845     | 1.051  | ug/l # | 90       |
| 48) Methyl methacrylate       | 9.671  | 41   | 5091     | 1.069  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 1008     | 16.337 | ug/l # | 13       |
| 51) 4-Methyl-2-Pentanone      | 10.423 | 43   | 29834    | 4.913  | ug/l   | 99       |
| 52) Toluene                   | 10.606 | 92   | 9776     | 1.090  | ug/l   | 92       |
| 53) t-1,3-Dichloropropene     | 10.818 | 75   | 5278     | 0.917  | ug/l # | 80       |
| 54) cis-1,3-Dichloropropene   | 10.300 | 75   | 6105     | 1.021  | ug/l # | 80       |
| 55) 1,1,2-Trichloroethane     | 10.994 | 97   | 3739     | 1.078  | ug/l # | 87       |
| 56) Ethyl methacrylate        | 10.865 | 69   | 4529     | 0.817  | ug/l # | 89       |
| 57) 1,3-Dichloropropane       | 11.141 | 76   | 6652     | 1.083  | ug/l   | 90       |
| 58) 2-Chloroethyl Vinyl ether | 10.141 | 63   | 15333    | 5.109  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.200 | 43   | 12564    | 3.274  | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.347 | 129  | 4554     | 1.133  | ug/l   | 93       |
| 61) 1,2-Dibromoethane         | 11.447 | 107  | 3511     | 0.960  | ug/l   | 93       |
| 64) Tetrachloroethene         | 11.076 | 164  | 3433     | 1.288  | ug/l # | 84       |
| 65) Chlorobenzene             | 11.876 | 112  | 10823    | 1.132  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.941 | 131  | 3009     | 0.948  | ug/l # | 64       |
| 67) Ethyl Benzene             | 11.941 | 91   | 17159    | 1.037  | ug/l   | 92       |
| 68) m/p-Xylenes               | 12.047 | 106  | 11663    | 1.921  | ug/l   | 90       |
| 69) o-Xylene                  | 12.376 | 106  | 5970     | 1.003  | ug/l   | 100      |
| 70) Styrene                   | 12.394 | 104  | 8781     | 0.881  | ug/l   | 97       |
| 71) Bromoform                 | 12.559 | 173  | 2328     | 0.956  | ug/l # | 84       |
| 73) Isopropylbenzene          | 12.676 | 105  | 15118    | 1.071  | ug/l   | 92       |
| 74) N-amyl acetate            | 13.012 | 43   | 5481m    | 1.010  | ug/l   |          |
| 75) 1,1,2,2-Tetrachloroethane | 12.917 | 83   | 5198     | 1.070  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 12.970 | 75   | 4451m    | 1.084  | ug/l   |          |
| 77) Bromobenzene              | 12.970 | 156  | 3560     | 1.070  | ug/l   | 96       |
| 78) n-propylbenzene           | 13.017 | 91   | 17943    | 1.032  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.112 | 91   | 10167    | 0.972  | ug/l   | 85       |
| 80) 1,3,5-Trimethylbenzene    | 13.147 | 105  | 12525    | 1.046  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.200 | 91   | 11708    | 1.065  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.417 | 119  | 10175    | 1.020  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 12231    | 1.021  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.588 | 105  | 15591    | 1.053  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 12768    | 1.044  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.717 | 146  | 7290     | 1.113  | ug/l   | 89       |
| 88) 1,4-Dichlorobenzene       | 13.782 | 146  | 8201m    | 1.203  | ug/l   |          |
| 89) n-Butylbenzene            | 14.029 | 91   | 13148    | 1.083  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.311 | 117  | 2591     | 1.113  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.094 | 146  | 6783     | 1.091  | ug/l   | 93       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.694 | 75   | 1293     | 1.120  | ug/l   | 83       |
| 93) 1,2,4-Trichlorobenzene    | 15.376 | 180  | 4163     | 1.115  | ug/l   | 88       |
| 94) Hexachlorobutadiene       | 15.470 | 225  | 1637     | 1.230  | ug/l   | 97       |
| 95) Naphthalene               | 15.617 | 128  | 13934    | 1.054  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 3983     | 1.091  | ug/l   | 89       |

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

## Manual Integrations

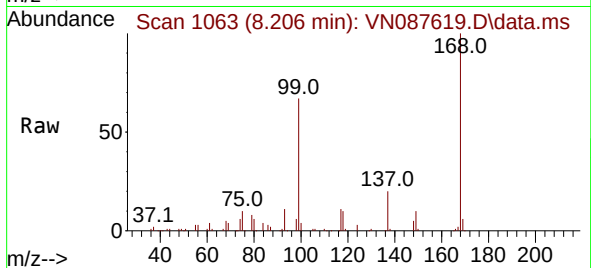
Quant Time: Aug 22 02:28:55 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 22 02:09:28 2025  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

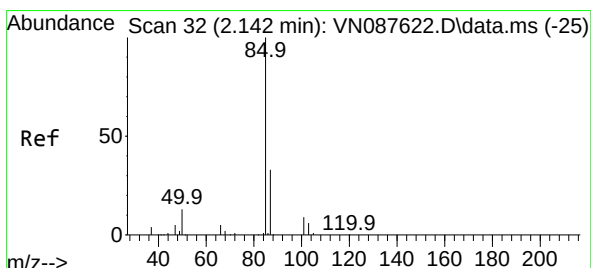
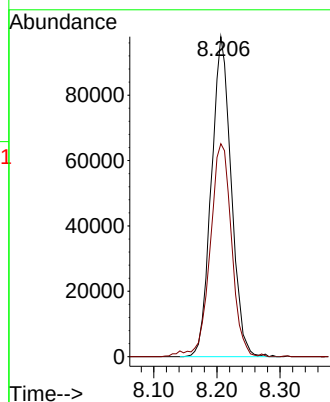
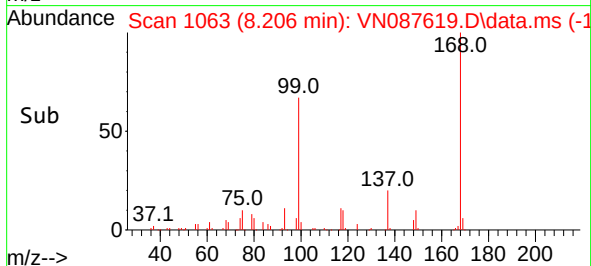
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



Tgt Ion:168 Resp: 214194  
Ion Ratio Lower Upper  
168 100  
99 66.6 57.2 85.8

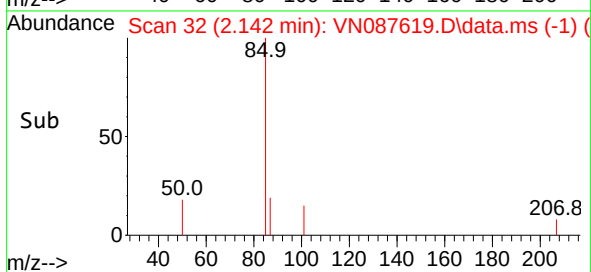
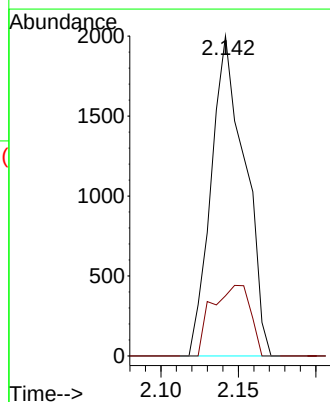
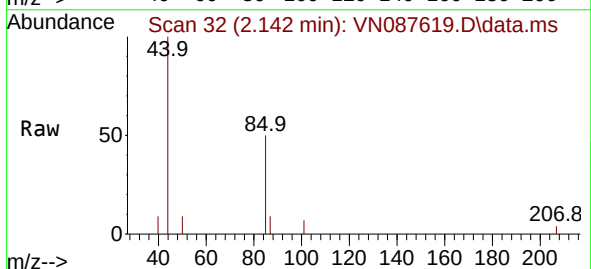
Manual Integrations  
APPROVED

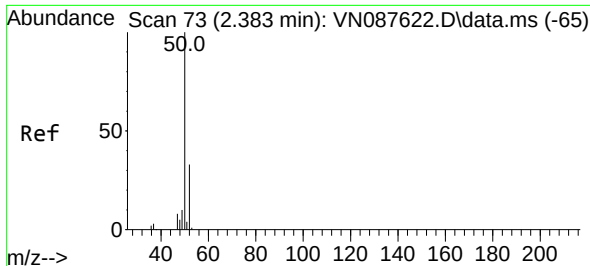
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#2  
Dichlorodifluoromethane  
Concen: 0.996 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

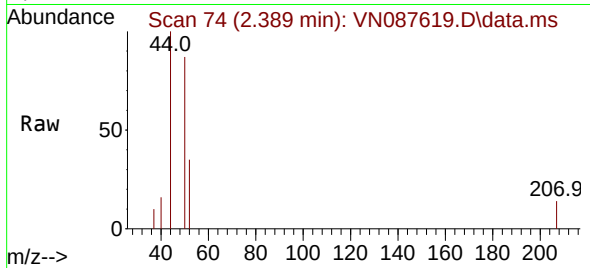
Tgt Ion: 85 Resp: 3030  
Ion Ratio Lower Upper  
85 100  
87 18.8 16.6 49.8





#3  
Chloromethane  
Concen: 1.012 ug/l  
RT: 2.389 min Scan# 74  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

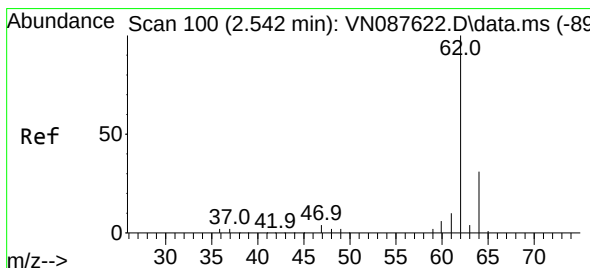
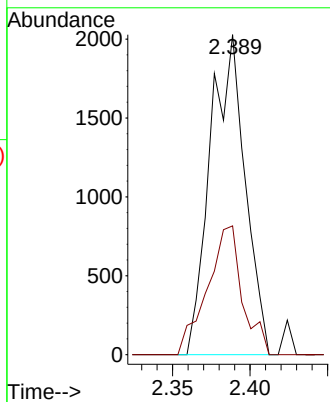
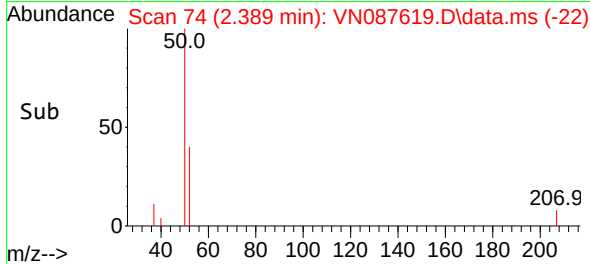
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 50 Resp: 316  
Ion Ratio Lower Upper  
50 100  
52 40.2 26.2 39.4

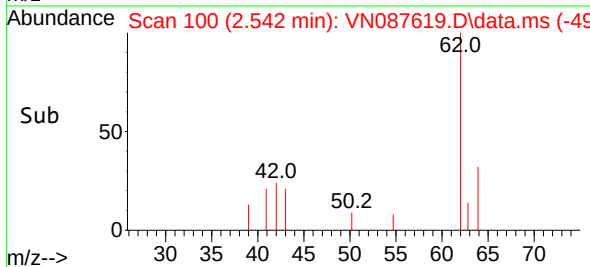
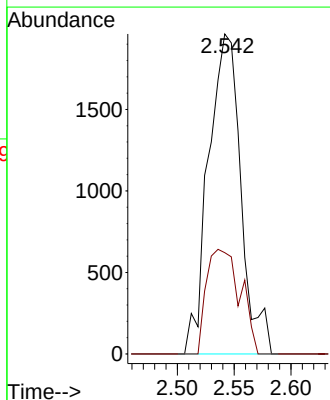
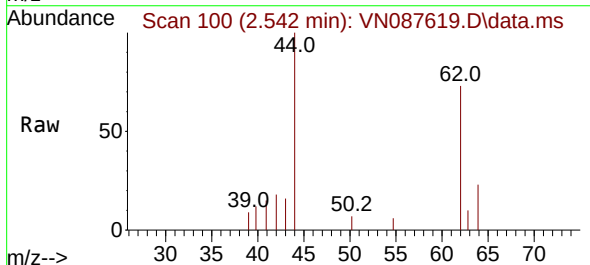
Manual Integrations  
APPROVED

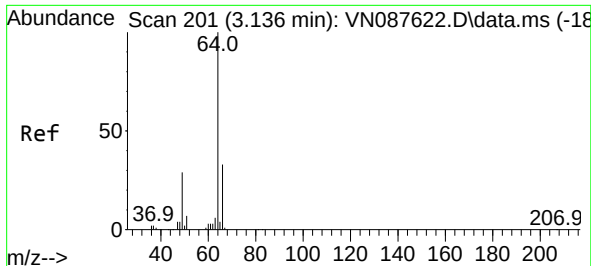
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#4  
Vinyl Chloride  
Concen: 1.075 ug/l  
RT: 2.542 min Scan# 100  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

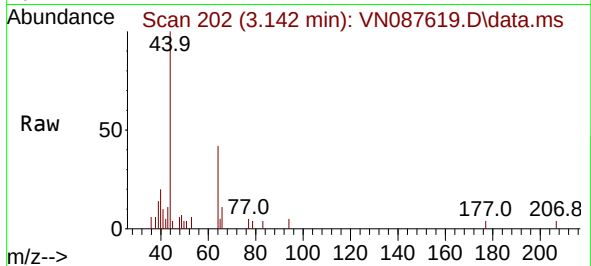
Tgt Ion: 62 Resp: 3896  
Ion Ratio Lower Upper  
62 100  
64 31.6 24.6 37.0





#6  
Chloroethane  
Concen: 1.222 ug/l  
RT: 3.142 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

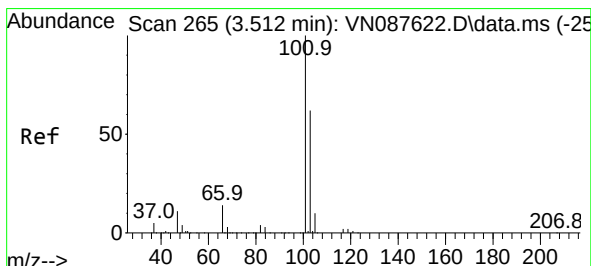
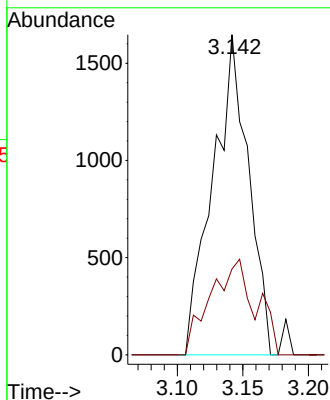
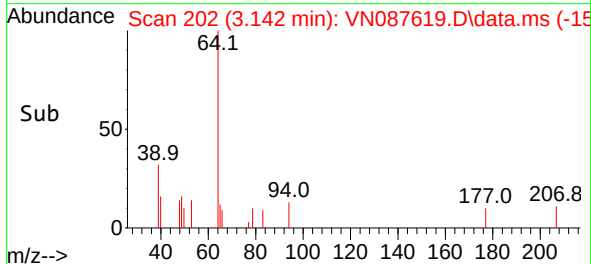
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 64 Resp: 311  
Ion Ratio Lower Upper  
64 100  
66 26.8 26.2 39.2

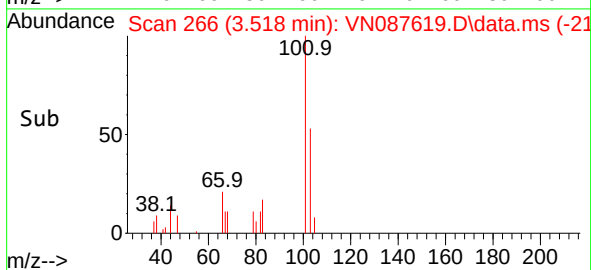
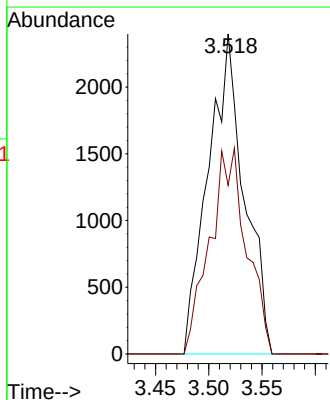
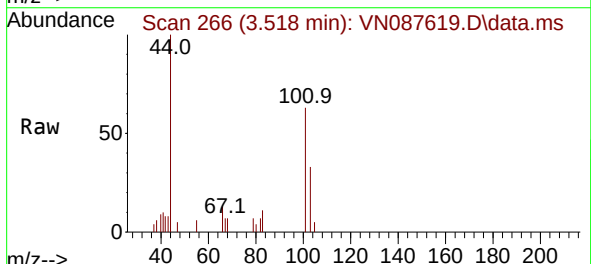
Manual Integrations  
APPROVED

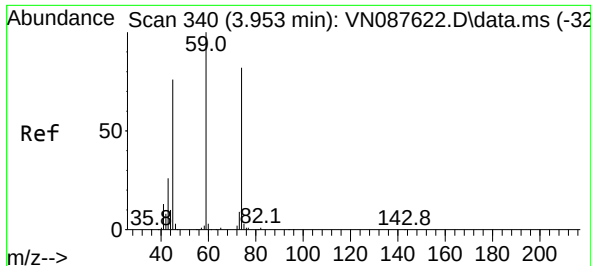
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#7  
Trichlorofluoromethane  
Concen: 1.067 ug/l  
RT: 3.518 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Tgt Ion:101 Resp: 5667  
Ion Ratio Lower Upper  
101 100  
103 52.7 49.4 74.0





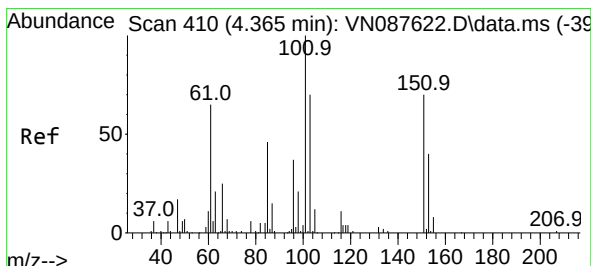
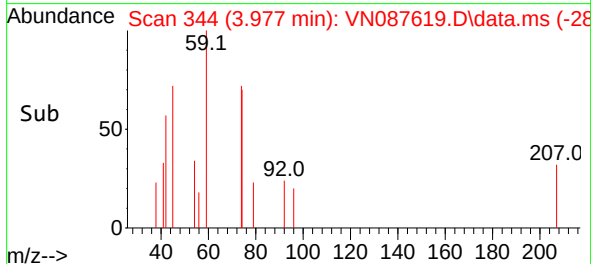
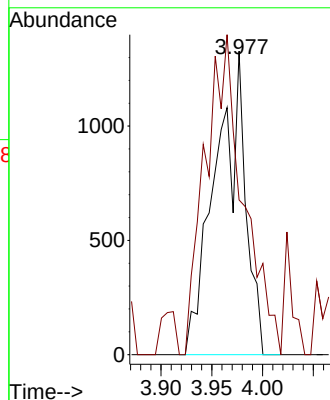
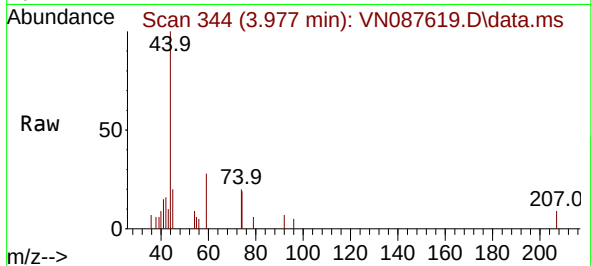
#8  
Diethyl Ether  
Concen: 1.179 ug/l m  
RT: 3.977 min Scan# 340  
Delta R.T. 0.023 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 74 Resp: 2728  
Ion Ratio Lower Upper  
74 100  
45 134.5 50.6 151.9

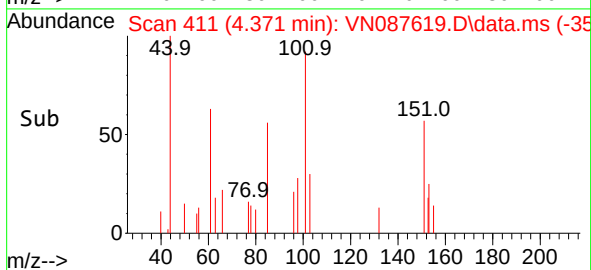
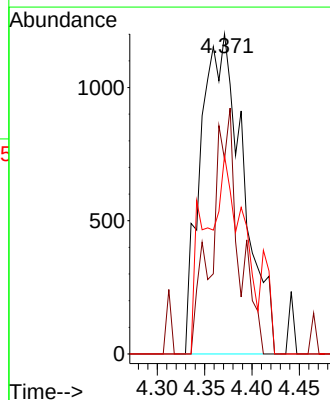
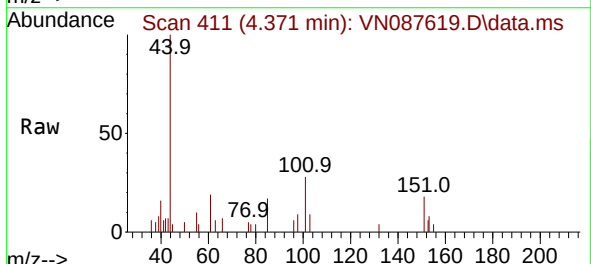
Manual Integrations  
APPROVED

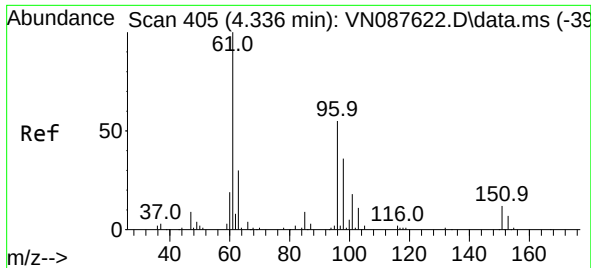
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.253 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Tgt Ion:101 Resp: 3764  
Ion Ratio Lower Upper  
101 100  
85 48.6 36.6 55.0  
151 27.6 54.7 82.1#





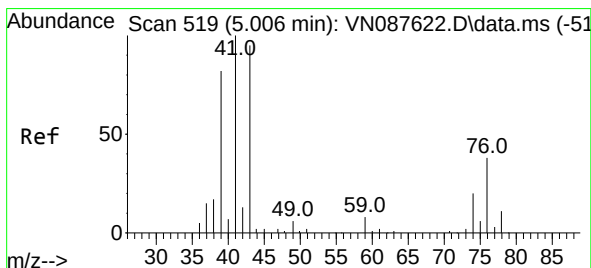
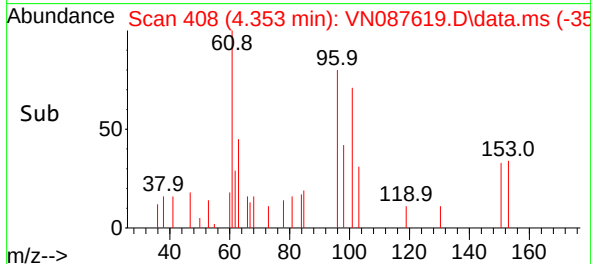
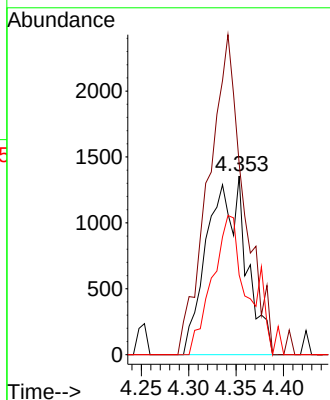
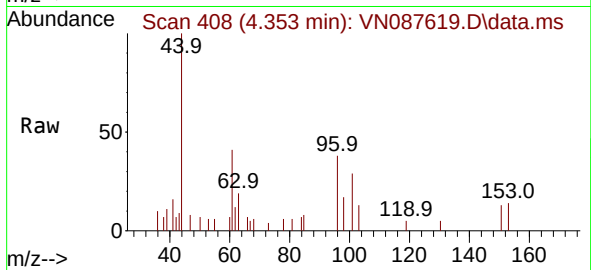
#12  
 1,1-Dichloroethene  
 Concen: 1.238 ug/l  
 RT: 4.353 min Scan# 405  
 Delta R.T. 0.017 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 96 Resp: 382  
 Ion Ratio Lower Upper  
 96 100  
 61 106.9 143.8 215.8  
 98 44.6 52.1 78.1

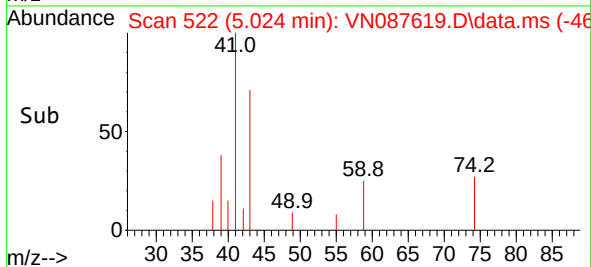
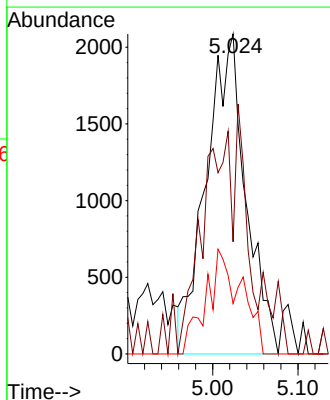
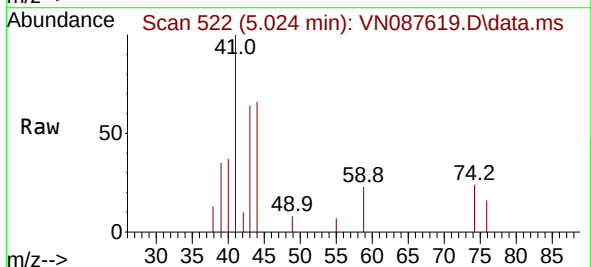
Manual Integrations  
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 Supervised By :Mahesh Dadoda 08/25/2025

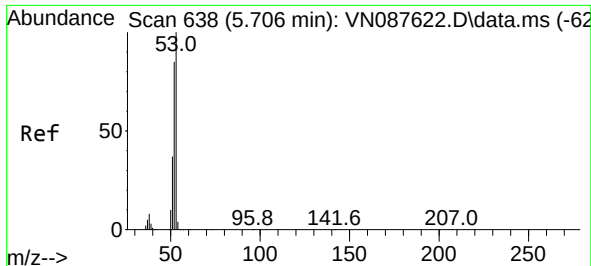


#14  
 Allyl chloride  
 Concen: 1.207 ug/l  
 RT: 5.024 min Scan# 522  
 Delta R.T. 0.017 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09

Tgt Ion: 41 Resp: 6754  
 Ion Ratio Lower Upper  
 41 100  
 39 51.5 63.9 95.9#  
 76 19.8 28.1 42.1#







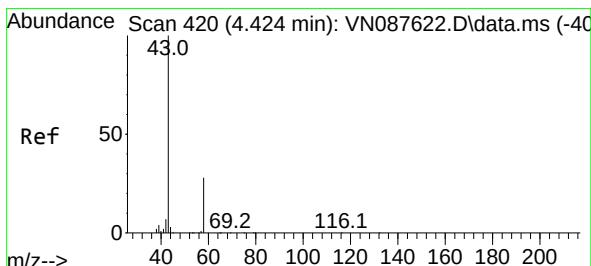
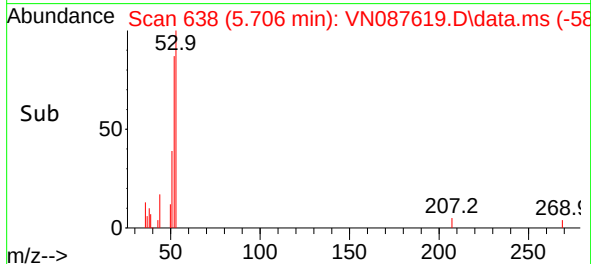
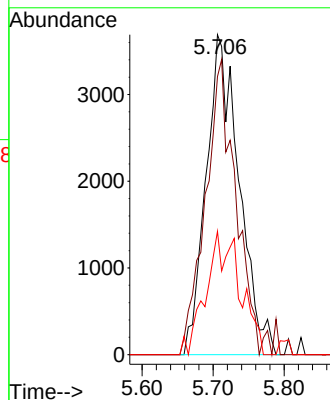
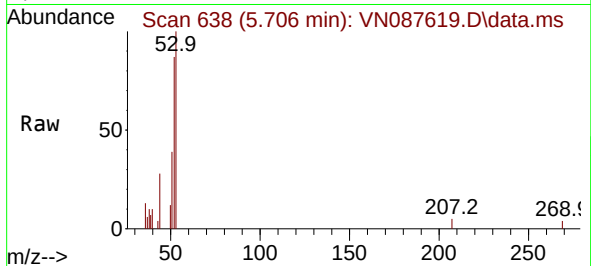
#15  
Acrylonitrile  
Concen: 5.535 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Tgt Ion: 53 Resp: 1189  
Ion Ratio Lower Upper  
53 100  
52 84.8 67.6 101.4  
51 19.4 30.1 45.1

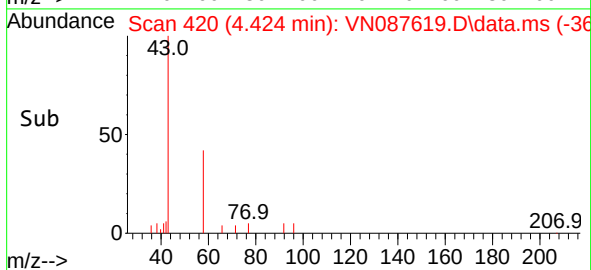
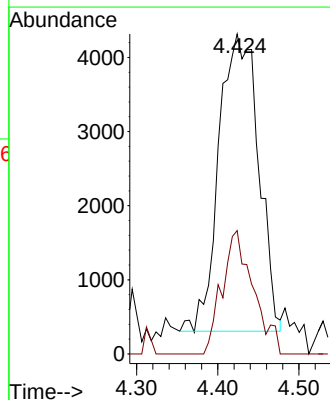
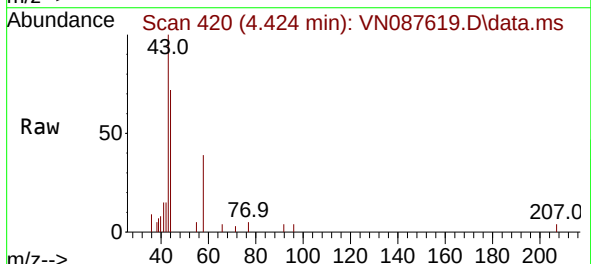
Manual Integrations  
APPROVED

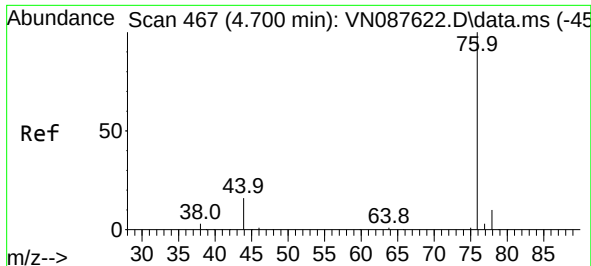
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#16  
Acetone  
Concen: 5.679 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Tgt Ion: 43 Resp: 13568  
Ion Ratio Lower Upper  
43 100  
58 41.5 22.6 33.8





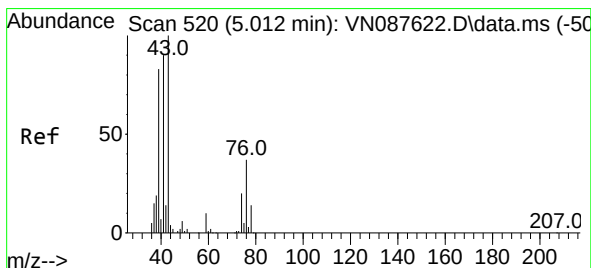
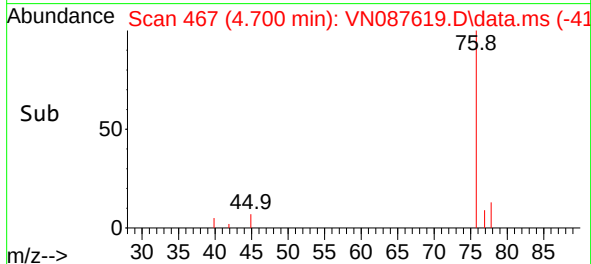
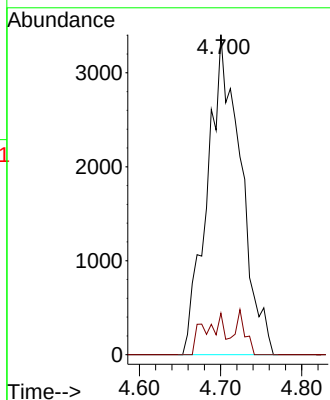
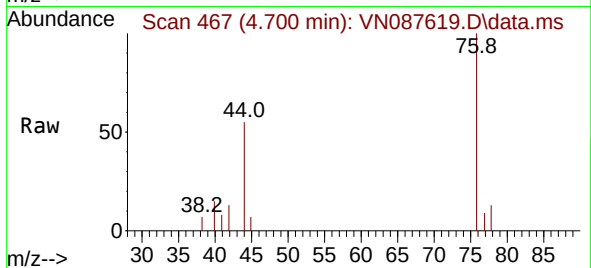
#17  
Carbon Disulfide  
Concen: 1.145 ug/l  
RT: 4.700 min Scan# 467  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Tgt Ion: 76 Resp: 9734  
Ion Ratio Lower Upper  
76 100  
78 13.0 7.6 11.4

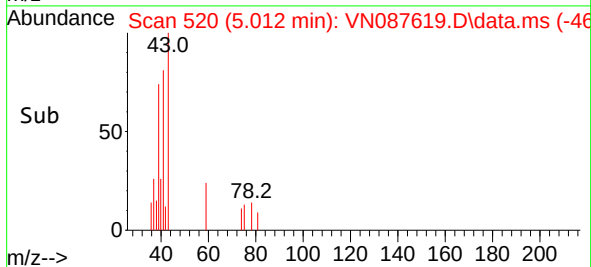
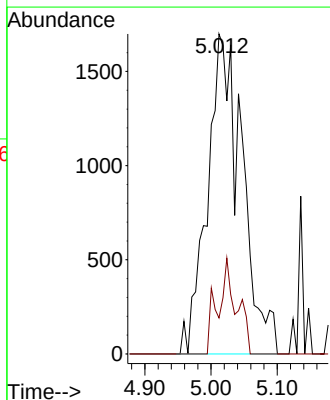
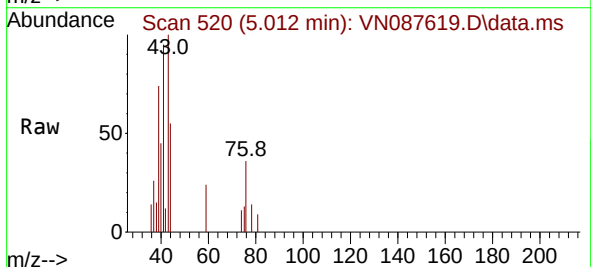
Manual Integrations  
APPROVED

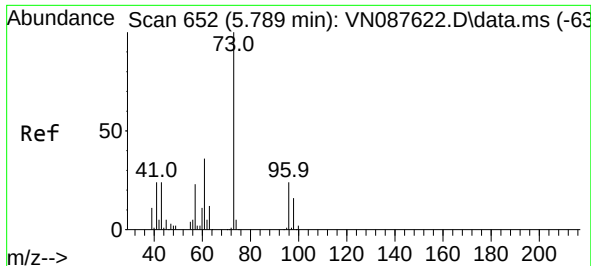
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#18  
Methyl Acetate  
Concen: 1.242 ug/l m  
RT: 5.012 min Scan# 520  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Tgt Ion: 43 Resp: 6213  
Ion Ratio Lower Upper  
43 100  
74 16.0 17.6 26.4





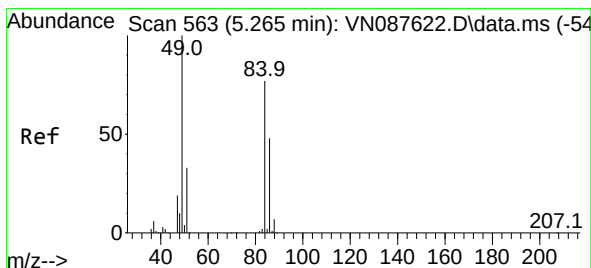
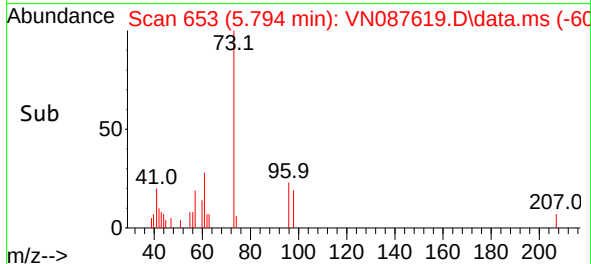
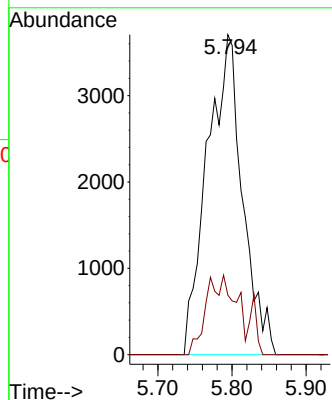
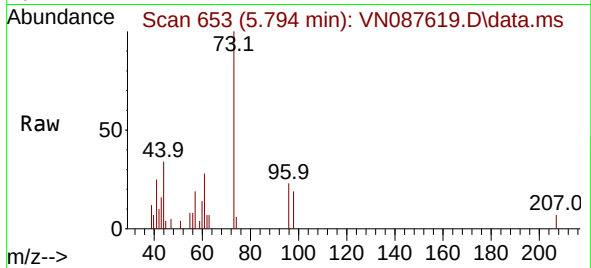
#19  
Methyl tert-butyl Ether  
Concen: 1.057 ug/l  
RT: 5.794 min Scan# 619  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Tgt Ion: 73 Resp: 12249  
Ion Ratio Lower Upper  
73 100  
57 18.6 18.4 27.6

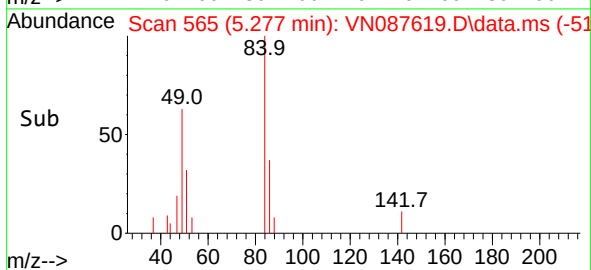
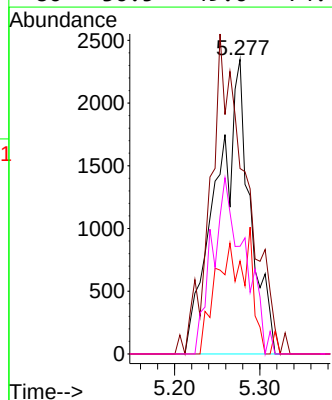
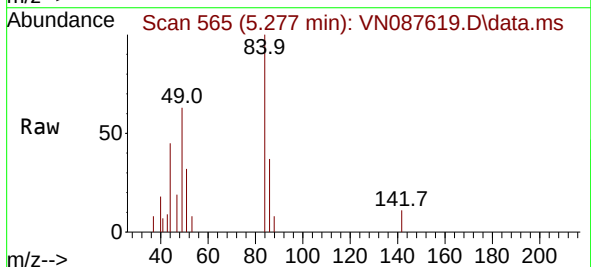
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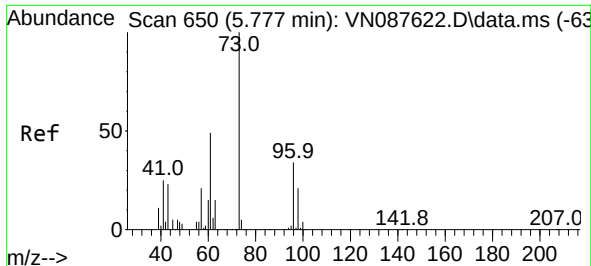
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#20  
Methylene Chloride  
Concen: 0.627 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.012 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

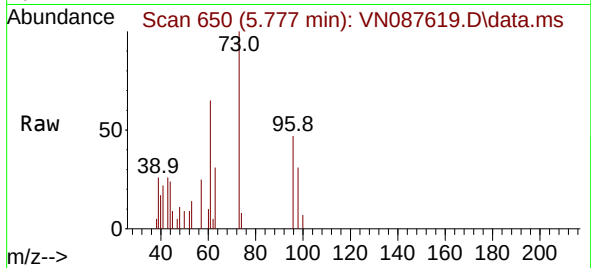
Tgt Ion: 84 Resp: 6402  
Ion Ratio Lower Upper  
84 100  
49 62.9 103.4 155.2#  
51 31.6 33.8 50.8#  
86 36.5 49.6 74.4#





#21  
trans-1,2-Dichloroethene  
Concen: 1.219 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

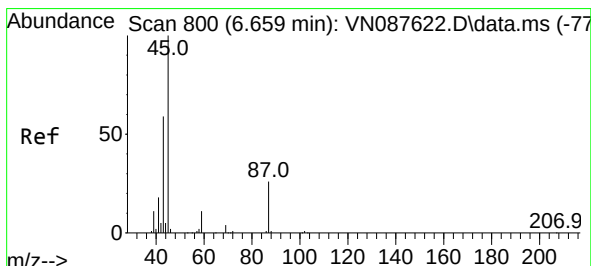
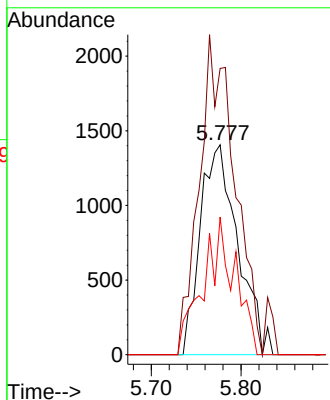
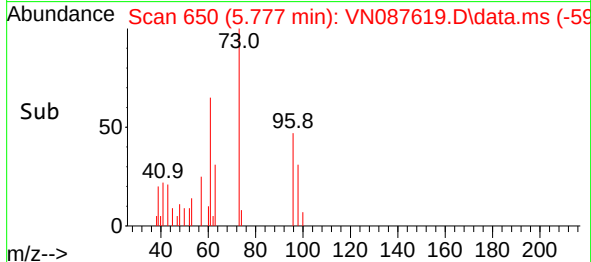
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



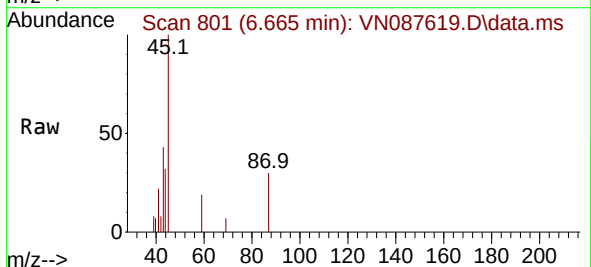
Tgt Ion: 96 Resp: 4079  
Ion Ratio Lower Upper  
96 100  
61 136.3 118.0 177.0  
98 65.5 50.0 75.0

Manual Integrations  
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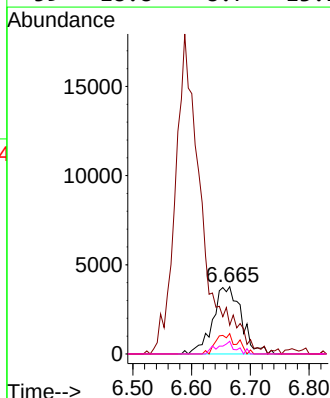
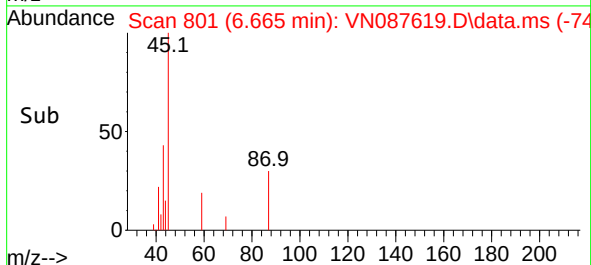
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025

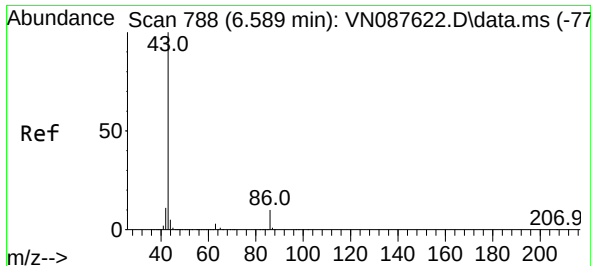


#22  
Diisopropyl ether  
Concen: 1.056 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09



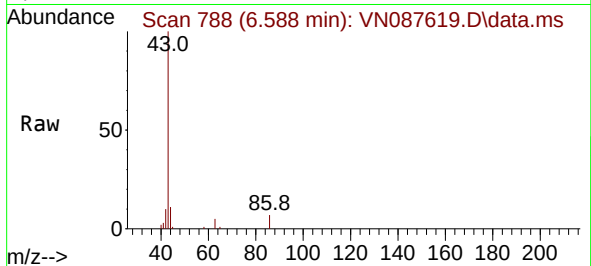
Tgt Ion: 45 Resp: 12751  
Ion Ratio Lower Upper  
45 100  
43 35.2 47.7 71.5#  
87 30.3 21.4 32.0  
59 18.8 8.7 13.1#





#23  
 Vinyl Acetate  
 Concen: 5.126 ug/l  
 RT: 6.588 min Scan# 788  
 Delta R.T. -0.000 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09

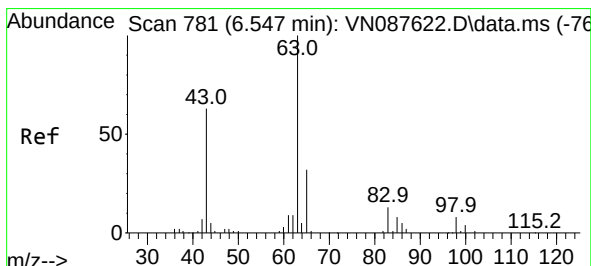
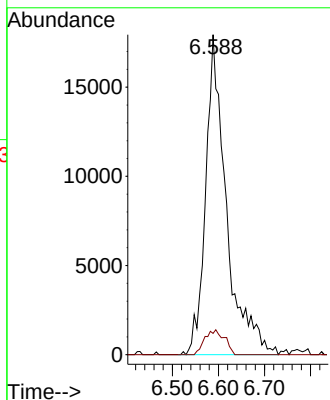
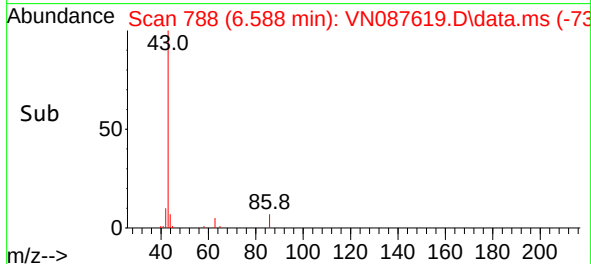
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



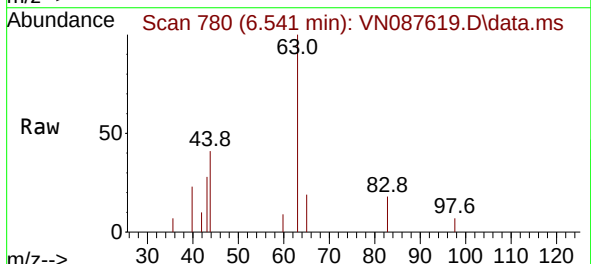
Tgt Ion: 43 Resp: 56320  
 Ion Ratio Lower Upper  
 43 100  
 86 6.7 8.2 12.4

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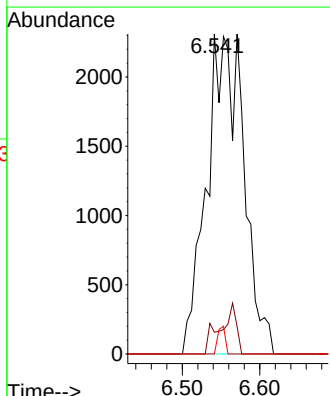
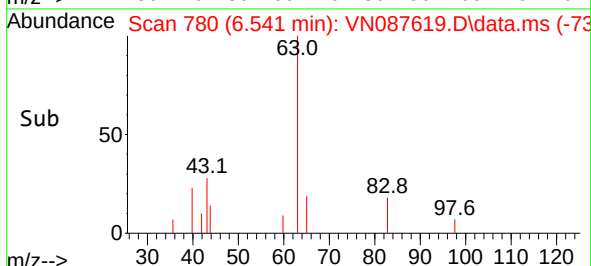
Reviewed By :John Carlone 08/22/2025  
 Supervised By :Mahesh Dadoda 08/25/2025

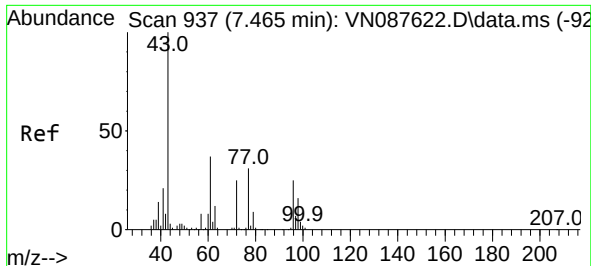


#24  
 1,1-Dichloroethane  
 Concen: 1.163 ug/l  
 RT: 6.541 min Scan# 780  
 Delta R.T. -0.006 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09



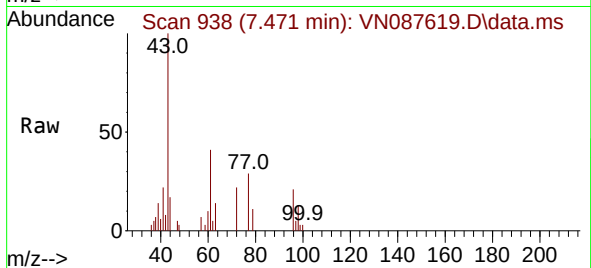
Tgt Ion: 63 Resp: 7704  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.8 11.4  
 100 0.0 2.0 6.0





#25  
2-Butanone  
Concen: 5.338 ug/l  
RT: 7.471 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

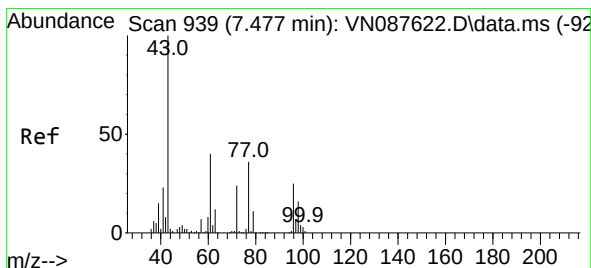
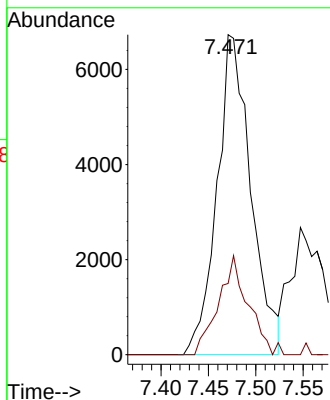
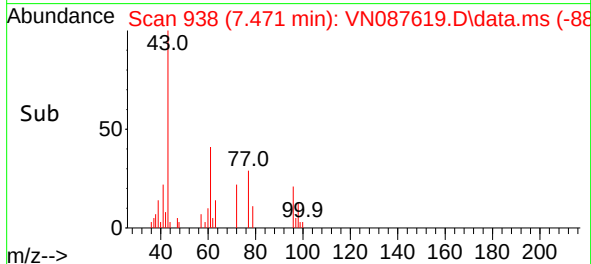
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



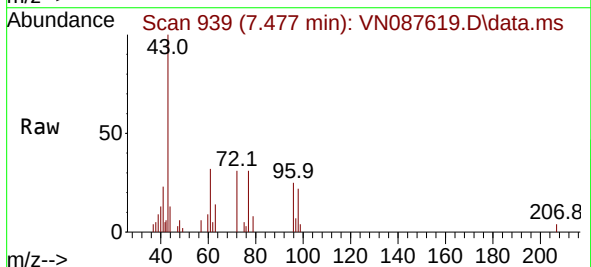
Tgt Ion: 43 Resp: 16779  
Ion Ratio Lower Upper  
43 100  
72 22.3 19.9 29.9

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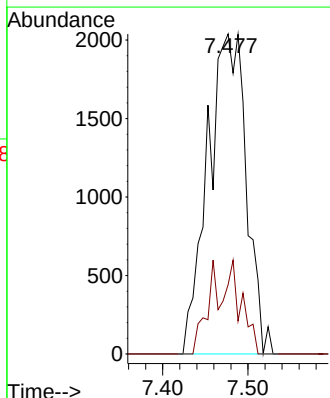
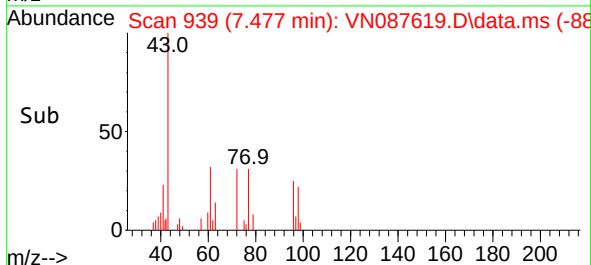
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025

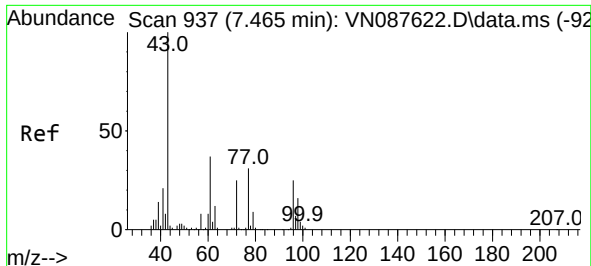


#26  
2,2-Dichloropropane  
Concen: 1.131 ug/l  
RT: 7.477 min Scan# 939  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09



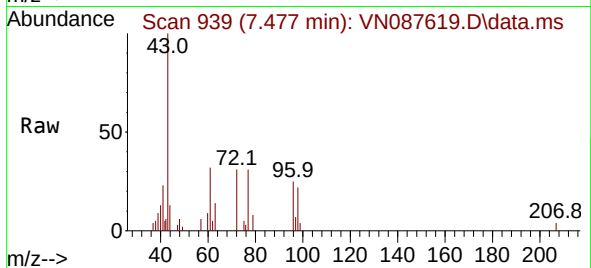
Tgt Ion: 77 Resp: 6425  
Ion Ratio Lower Upper  
77 100  
97 11.0 10.9 32.7





#27  
 cis-1,2-Dichloroethene  
 Concen: 1.068 ug/l  
 RT: 7.477 min Scan# 91  
 Delta R.T. 0.012 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09

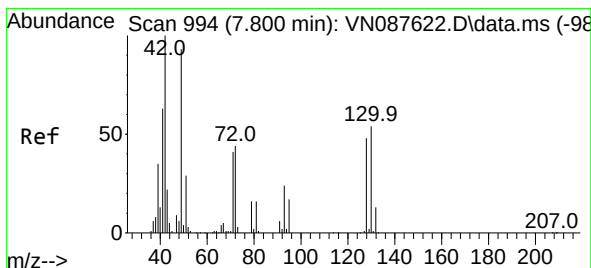
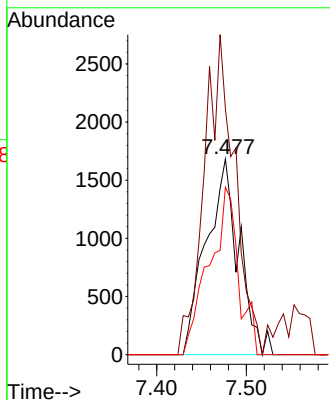
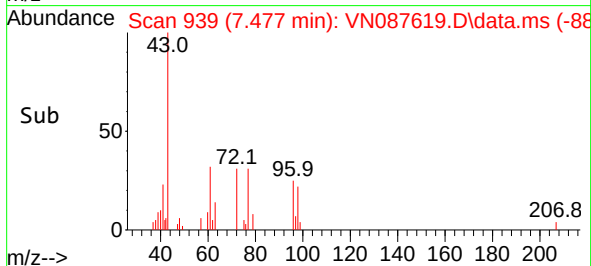
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



Tgt Ion: 96 Resp: 427  
 Ion Ratio Lower Upper  
 96 100  
 61 152.2 0.0 301.8  
 98 76.0 0.0 126.2

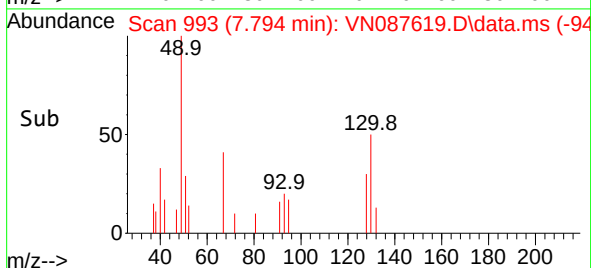
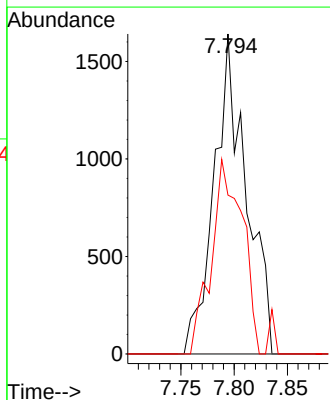
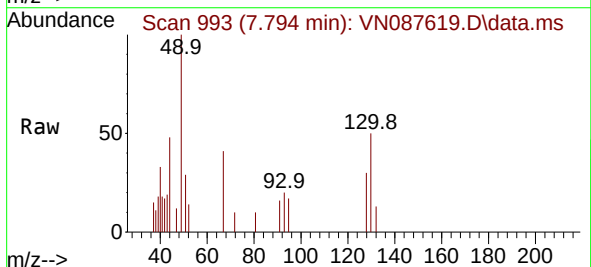
Manual Integrations  
 APPROVED

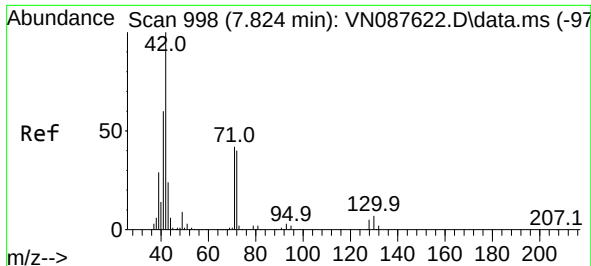
Reviewed By :John Carlone 08/22/2025  
 Supervised By :Mahesh Dadoda 08/25/2025



#28  
 Bromochloromethane  
 Concen: 1.070 ug/l  
 RT: 7.794 min Scan# 993  
 Delta R.T. -0.006 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09

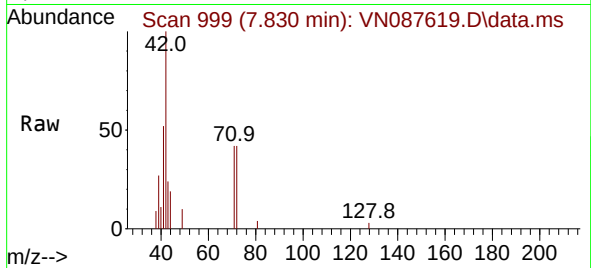
Tgt Ion: 49 Resp: 3426  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 3.0  
 130 59.2 53.1 79.7





#29  
Tetrahydrofuran  
Concen: 5.502 ug/l  
RT: 7.830 min Scan# 998  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

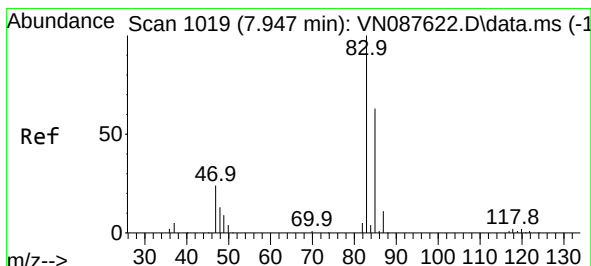
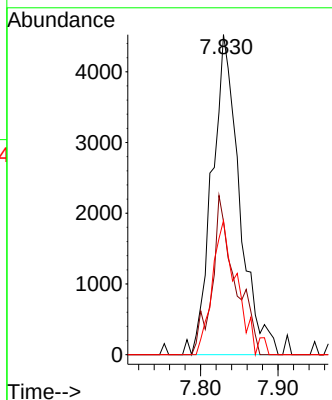
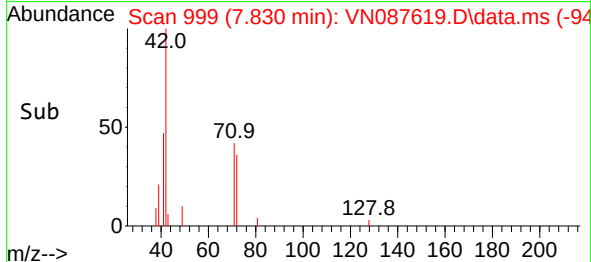
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



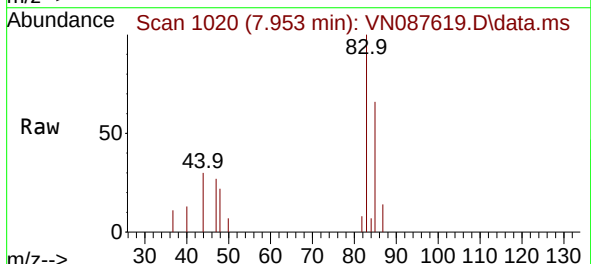
Tgt Ion: 42 Resp: 11129  
Ion Ratio Lower Upper  
42 100  
72 41.4 33.7 50.5  
71 37.8 31.9 47.9

Manual Integrations  
APPROVED

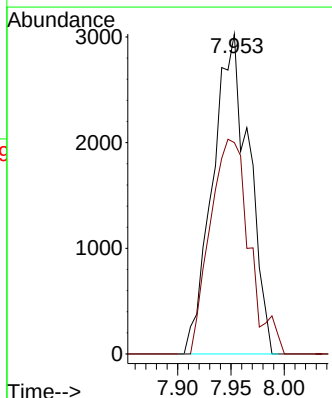
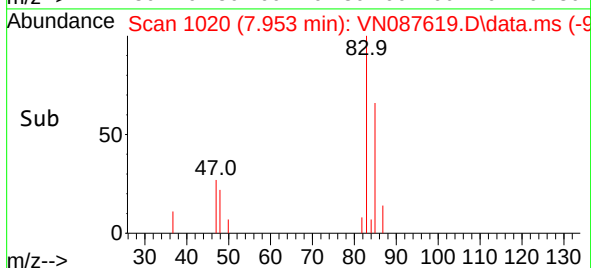
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



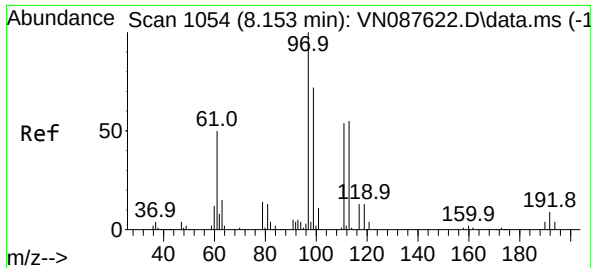
#30  
Chloroform  
Concen: 1.063 ug/l  
RT: 7.953 min Scan# 1020  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09



Tgt Ion: 83 Resp: 7183  
Ion Ratio Lower Upper  
83 100  
85 66.1 50.7 76.1







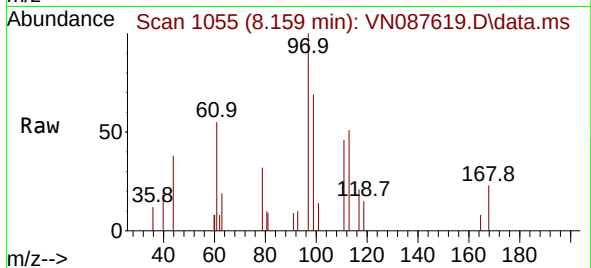
#32  
1,1,1-Trichloroethane  
Concen: 1.129 ug/l  
RT: 8.159 min Scan# 1054  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001



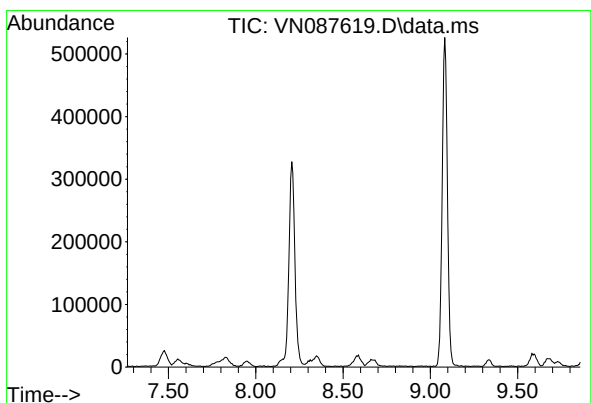
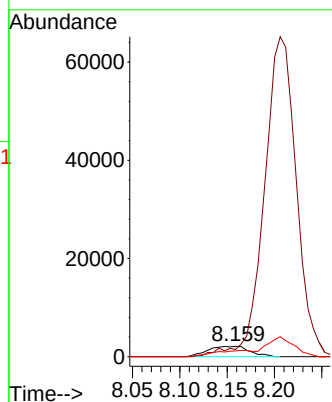
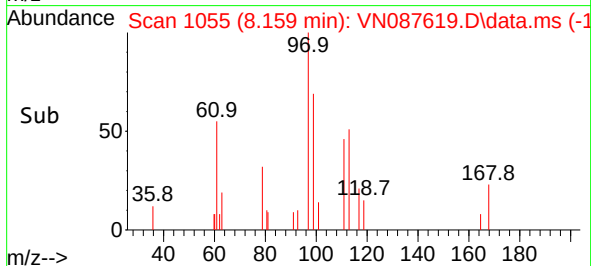
Tgt Ion: 97 Resp: 6468  
Ion Ratio Lower Upper  
97 100  
99 0.0 52.2 78.2  
61 54.5 41.2 61.8

Manual Integrations

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Reviewed By :John Carlone 08/22/2025

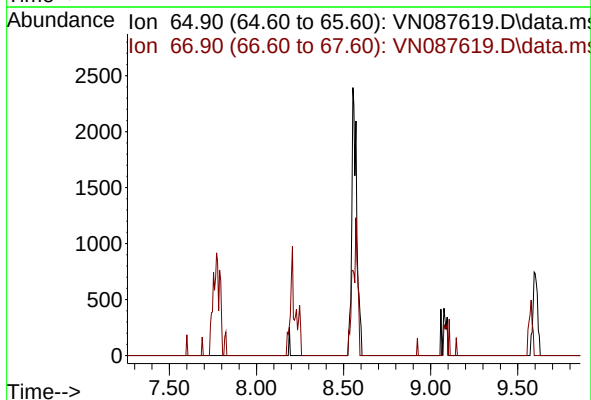
Supervised By :Mahesh Dadoda 08/25/2025

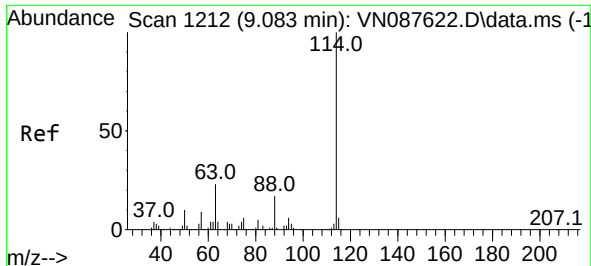


#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
Expected RT: 8.56 min

Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 50.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 425894

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.2

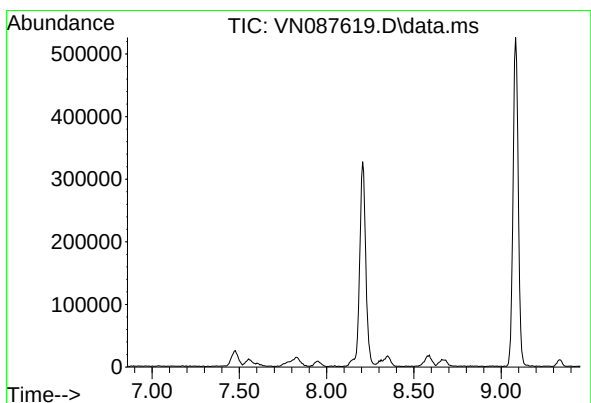
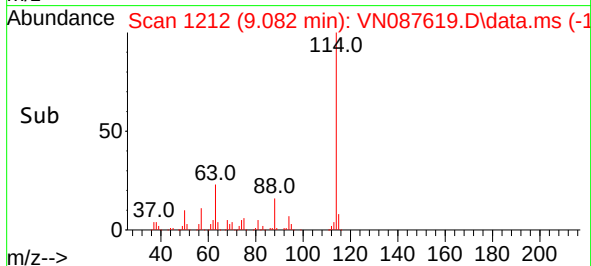
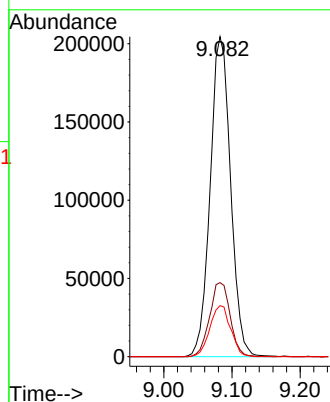
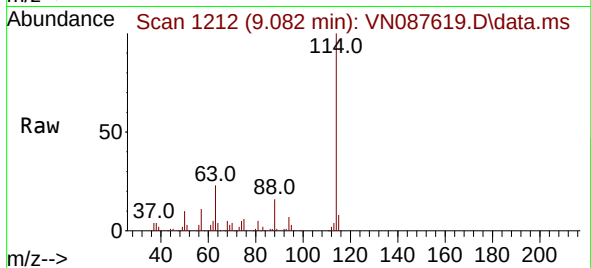
88 16.0 0.0 33.4

Manual Integrations

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Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.15 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

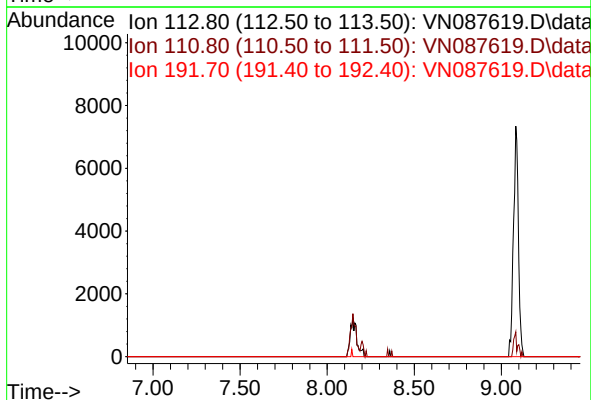
Tgt Ion: 113

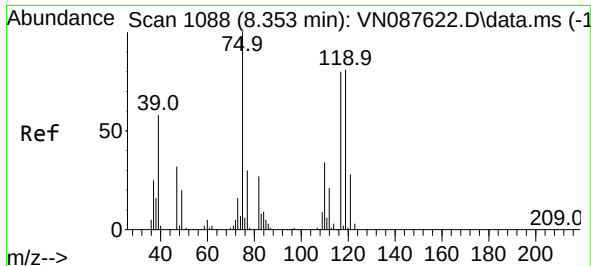
Sig Exp Ratio

113 100

111 103.5

192 16.0





#36

1,1-Dichloropropene

Concen: 1.264 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001

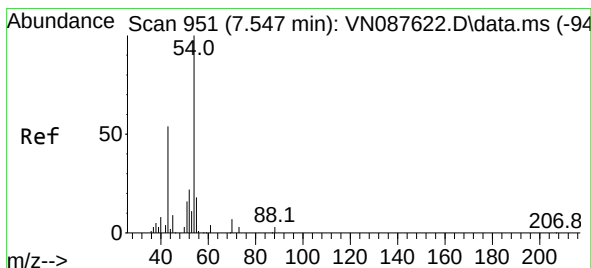
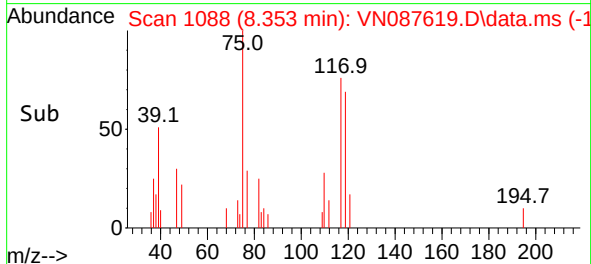
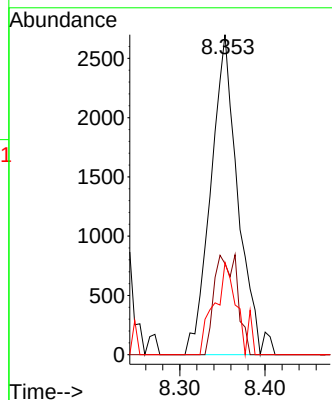
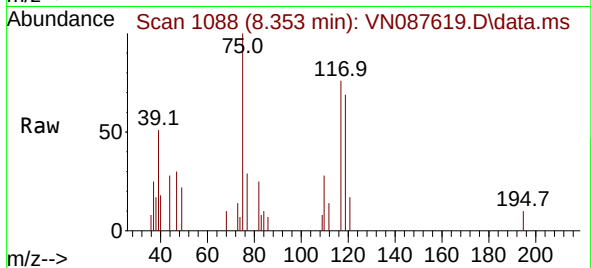
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 75    | Resp: | 596  |
| Ion Ratio | Lower | Upper |      |
| 75        | 100   |       |      |
| 110       | 26.7  | 15.9  | 47.6 |
| 77        | 24.5  | 24.4  | 36.6 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#37

Ethyl Acetate

Concen: 1.159 ug/l m

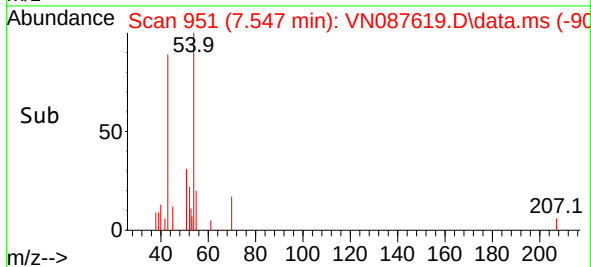
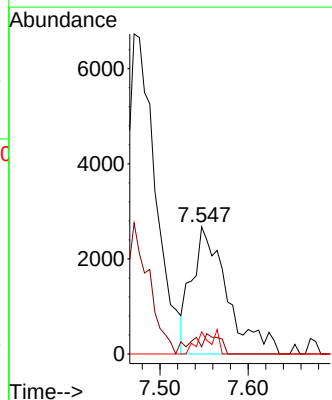
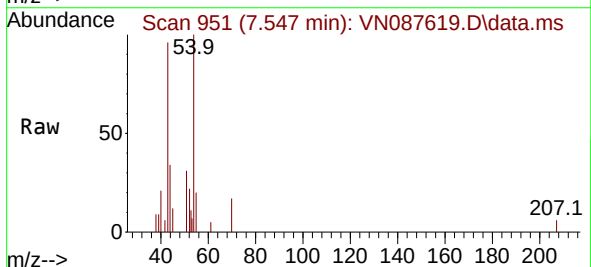
RT: 7.547 min Scan# 951

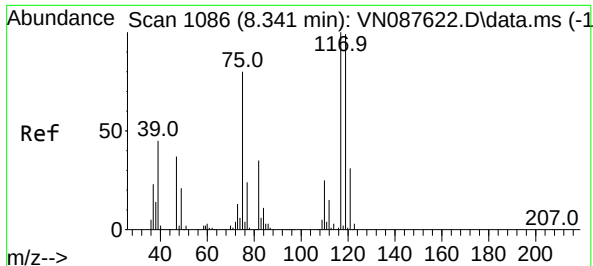
Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

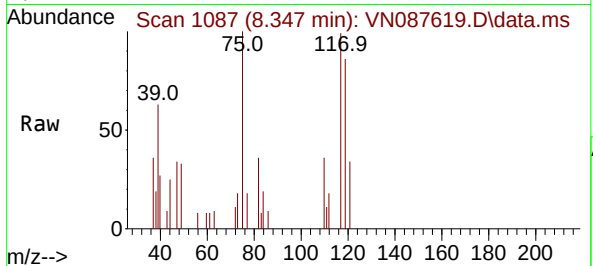
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 7468  |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 6.8   | 9.3   | 13.9# |
| 70        | 8.7   | 7.0   | 10.6  |





#38  
Carbon Tetrachloride  
Concen: 1.045 ug/l  
RT: 8.347 min Scan# 1086  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

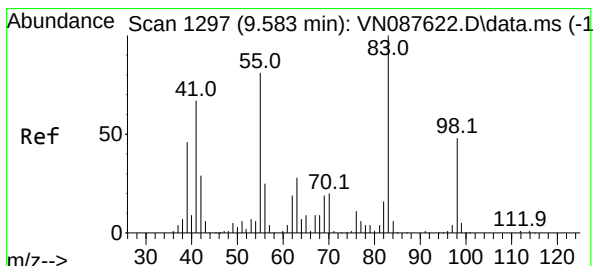
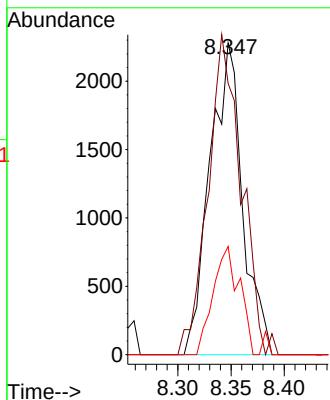
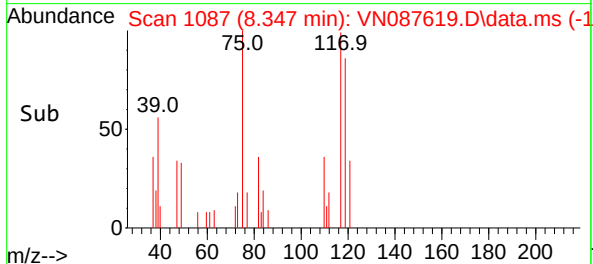
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 117 Resp: 4860  
Ion Ratio Lower Upper  
117 100  
119 87.1 79.0 118.6  
121 34.7 25.0 37.6

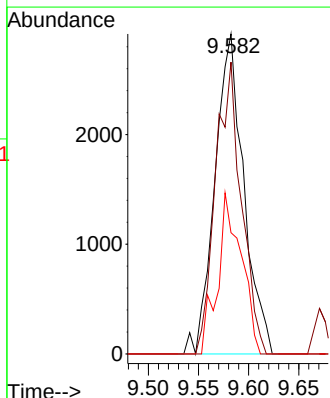
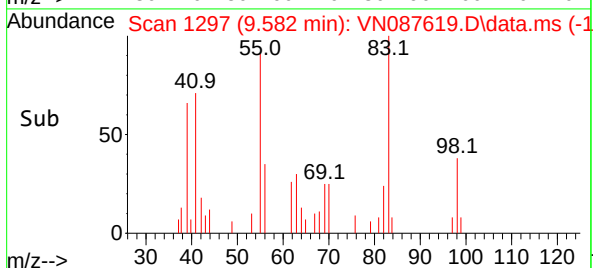
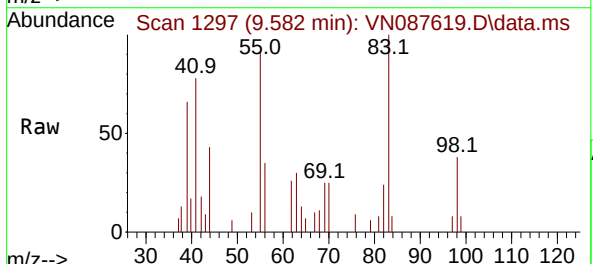
Manual Integrations  
APPROVED

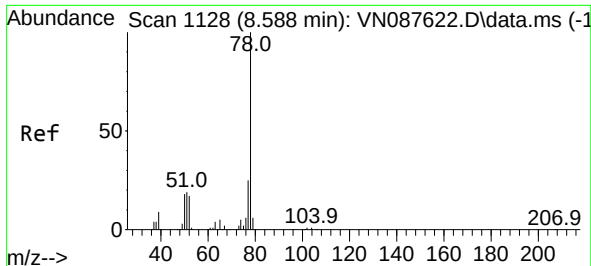
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#39  
Methylcyclohexane  
Concen: 1.125 ug/l  
RT: 9.582 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

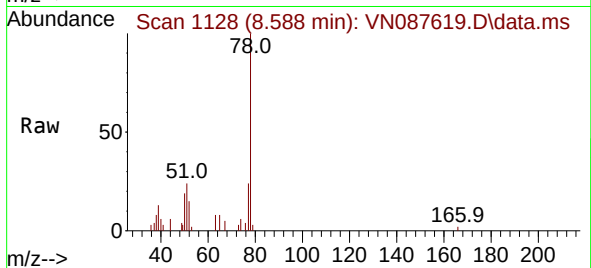
Tgt Ion: 83 Resp: 5843  
Ion Ratio Lower Upper  
83 100  
55 91.2 64.6 96.8  
98 37.9 38.4 57.6#





#40  
Benzene  
Concen: 1.091 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

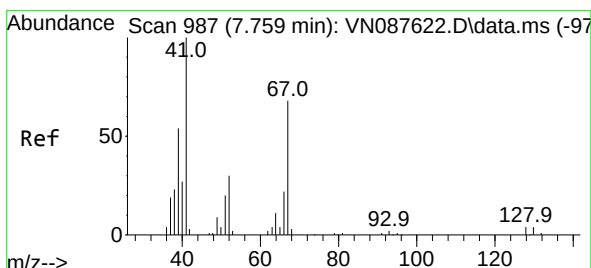
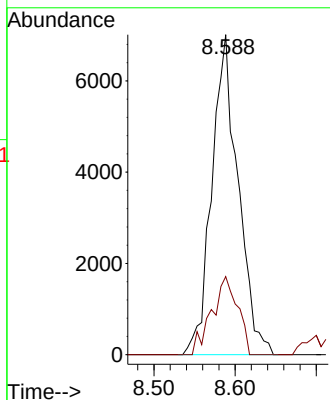
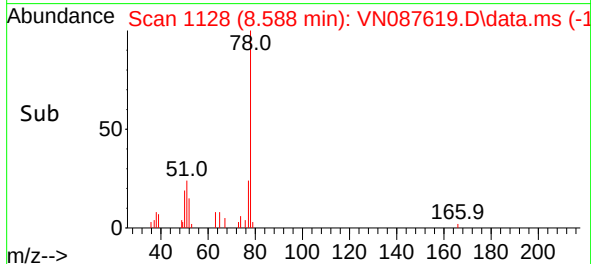
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



Tgt Ion: 78 Resp: 1578  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.7 29.5

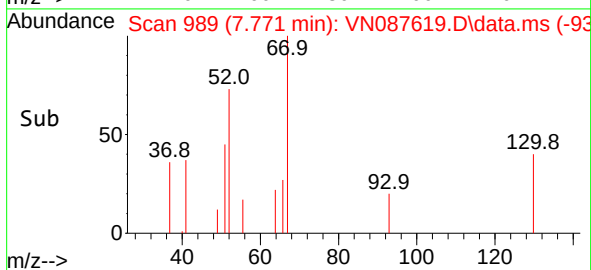
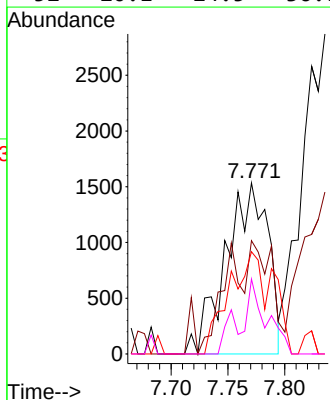
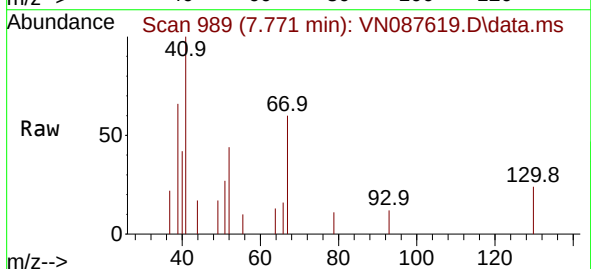
Manual Integrations  
APPROVED

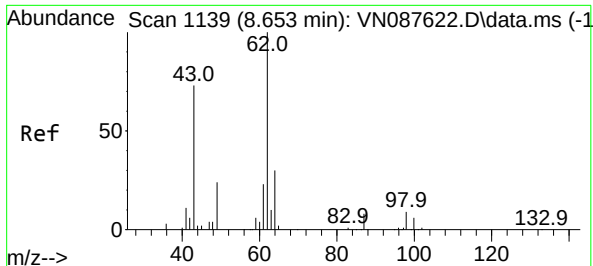
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#41  
Methacrylonitrile  
Concen: 1.188 ug/l  
RT: 7.771 min Scan# 989  
Delta R.T. 0.012 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Tgt Ion: 41 Resp: 3967  
Ion Ratio Lower Upper  
41 100  
39 30.6 45.4 68.0#  
67 46.6 55.3 82.9#  
52 20.1 24.5 36.7#





#42

1,2-Dichloroethane

Concen: 1.093 ug/l

RT: 8.659 min Scan# 1139

Delta R.T. 0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

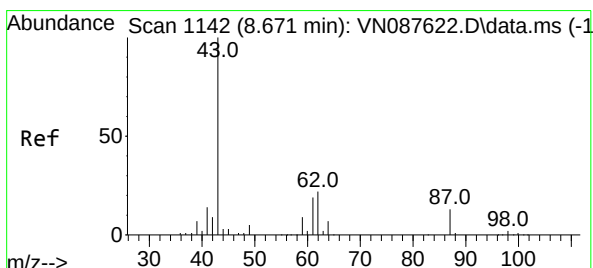
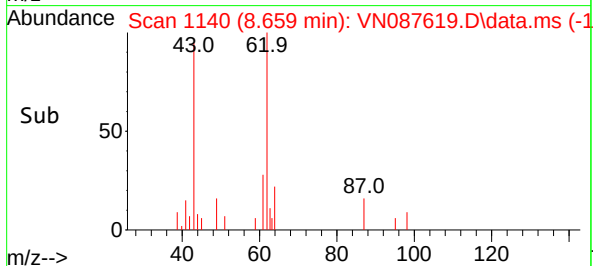
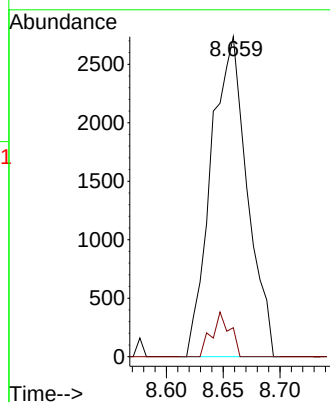
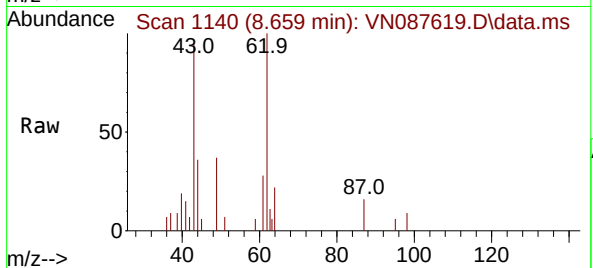
VSTDICC001

Tgt Ion: 62 Resp: 6078  
 Ion Ratio Lower Upper  
 62 100  
 98 7.0 0.0 17.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025  
 Supervised By :Mahesh Dadoda 08/25/2025



#43

Isopropyl Acetate

Concen: 1.046 ug/l

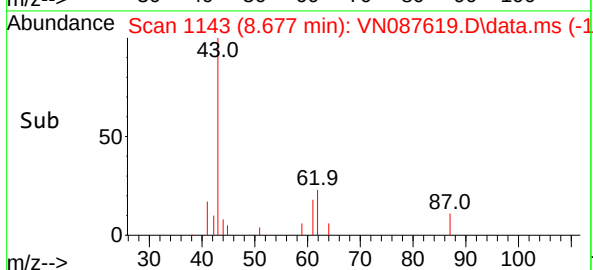
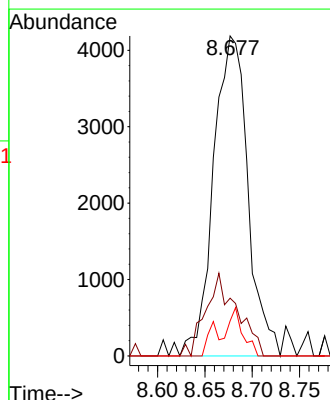
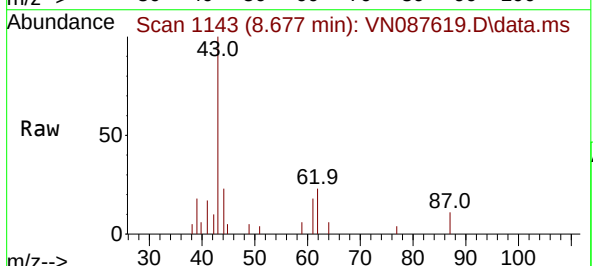
RT: 8.677 min Scan# 1143

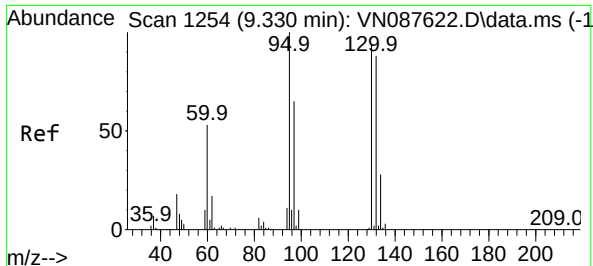
Delta R.T. 0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Tgt Ion: 43 Resp: 10524  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 18.8 28.2#  
 87 6.7 9.6 14.4#





#44

Trichloroethene

Concen: 1.123 ug/l

RT: 9.329 min Scan# 1254

Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tgt Ion:130 Resp: 3709

Ion Ratio Lower Upper

130 100

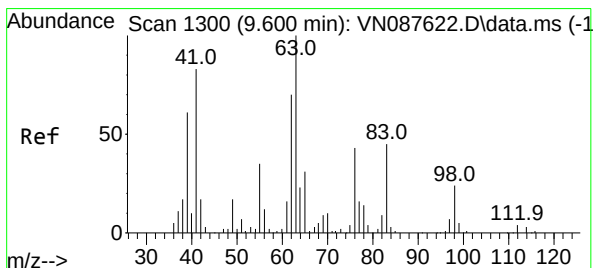
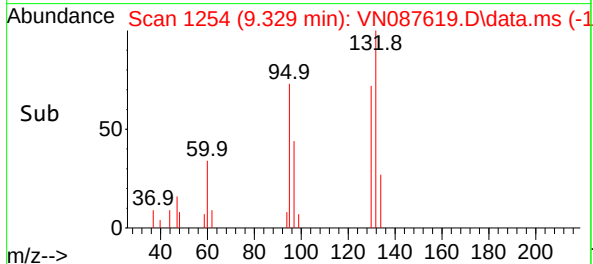
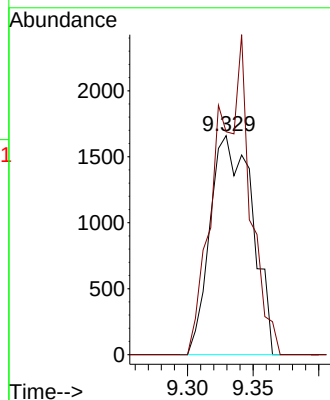
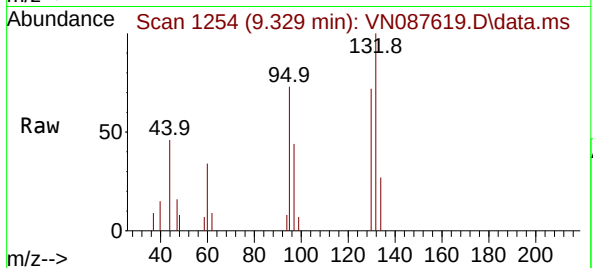
95 101.7 0.0 212.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#45

1,2-Dichloropropane

Concen: 1.216 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN087619.D

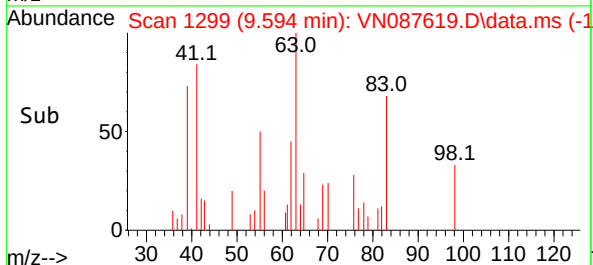
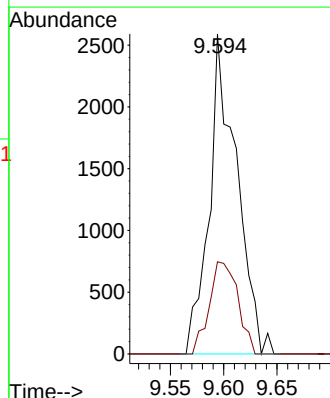
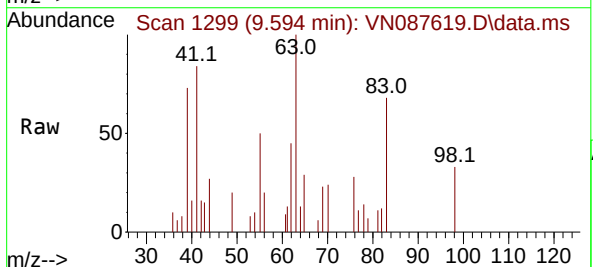
Acq: 21 Aug 2025 12:09

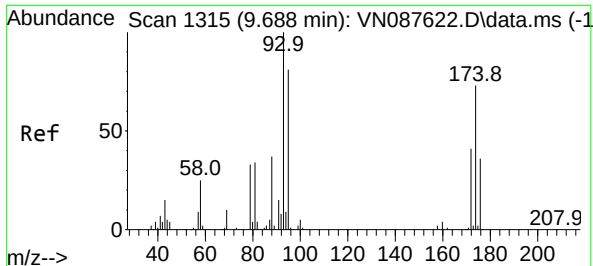
Tgt Ion: 63 Resp: 4636

Ion Ratio Lower Upper

63 100

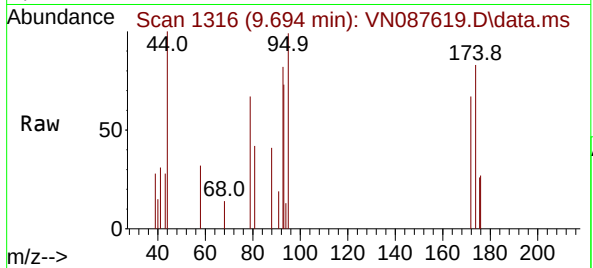
65 28.8 25.0 37.4





#46  
Dibromomethane  
Concen: 1.101 ug/l  
RT: 9.694 min Scan# 1316  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

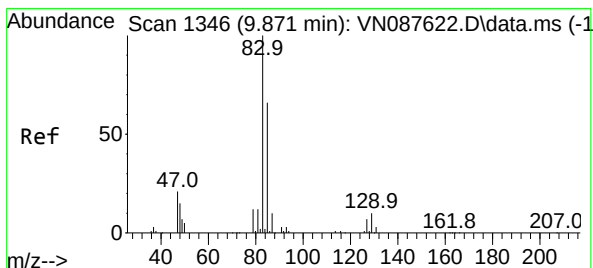
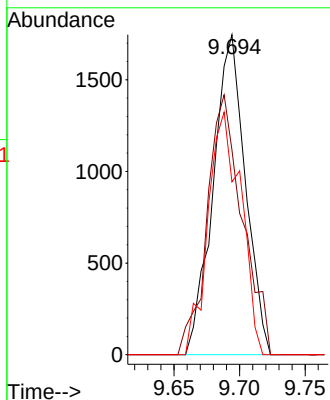
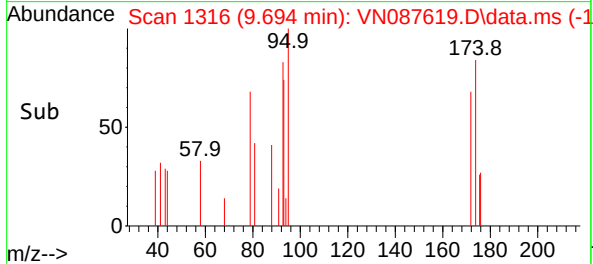
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 93 Resp: 2989  
Ion Ratio Lower Upper  
93 100  
95 88.6 66.2 99.4  
174 77.7 63.4 95.2

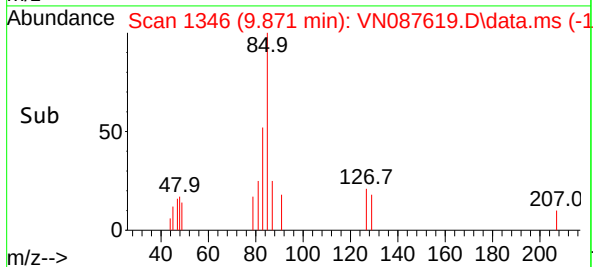
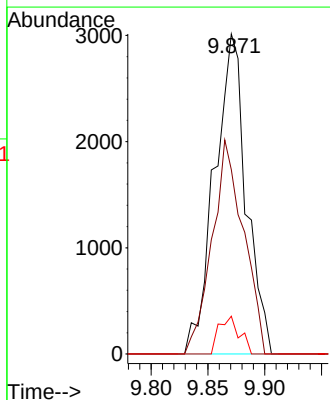
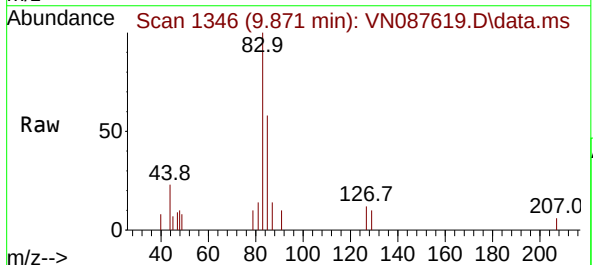
Manual Integrations  
APPROVED

Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025

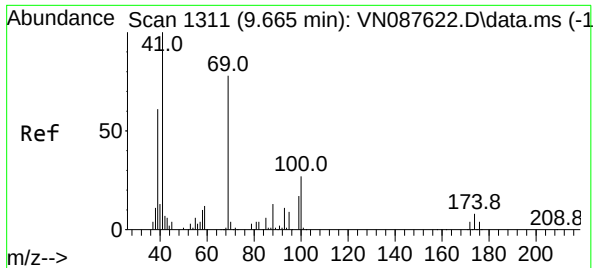


#47  
Bromodichloromethane  
Concen: 1.051 ug/l  
RT: 9.871 min Scan# 1346  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Tgt Ion: 83 Resp: 5845  
Ion Ratio Lower Upper  
83 100  
85 57.6 52.5 78.7  
127 11.8 5.8 8.6







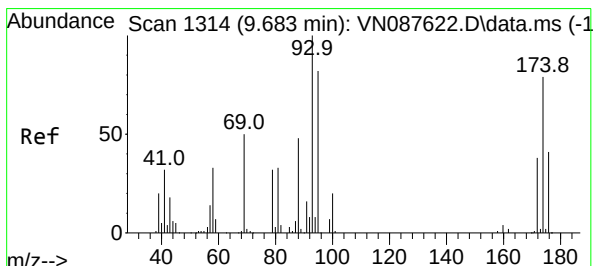
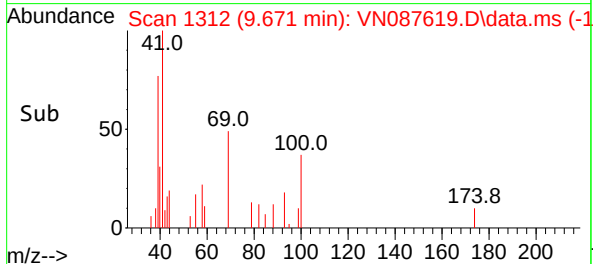
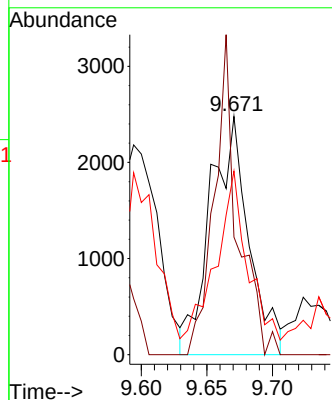
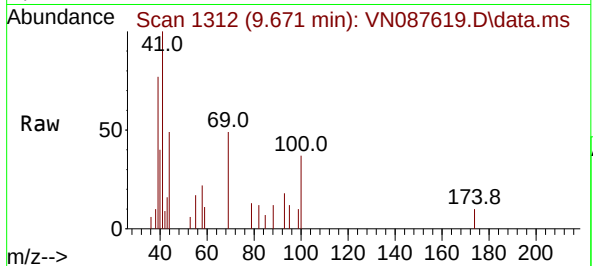
#48  
Methyl methacrylate  
Concen: 1.069 ug/l  
RT: 9.671 min Scan# 1311  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 41 Resp: 509  
Ion Ratio Lower Upper  
41 100  
69 80.8 62.7 94.1  
39 59.1 52.9 79.3

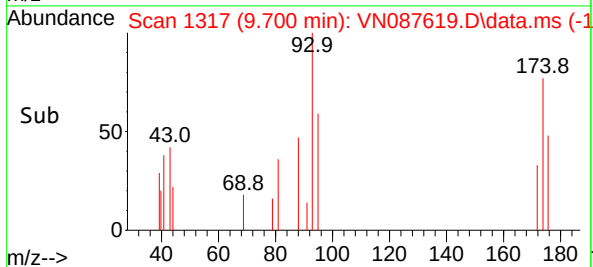
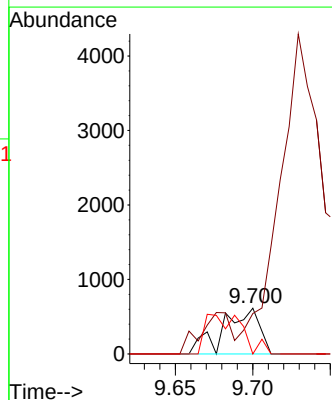
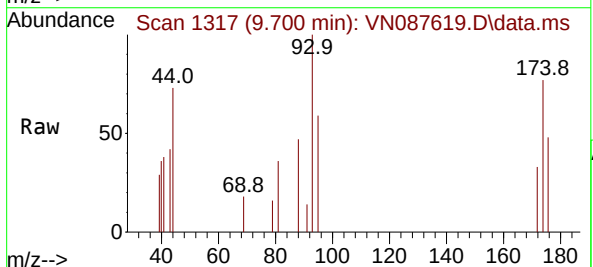
Manual Integrations  
APPROVED

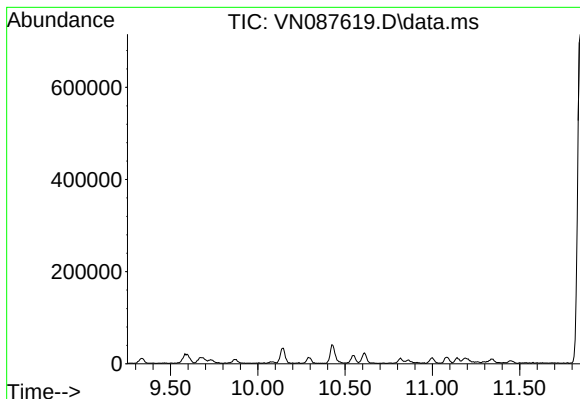
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#49  
1,4-Dioxane  
Concen: 16.337 ug/l  
RT: 9.700 min Scan# 1317  
Delta R.T. 0.017 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Tgt Ion: 88 Resp: 1008  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 0.0 57.9 86.9





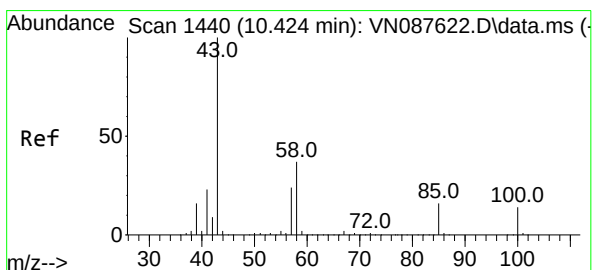
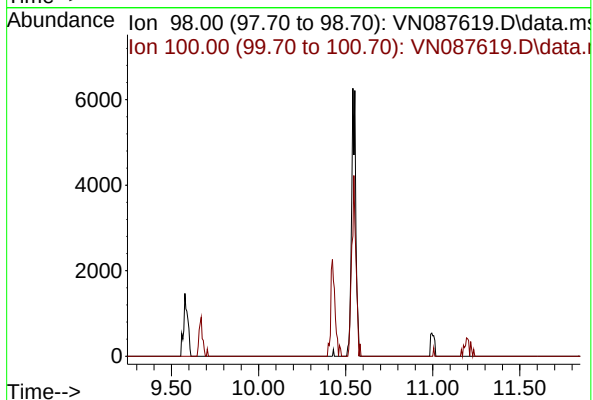
#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 10.55 min  
  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 66.0

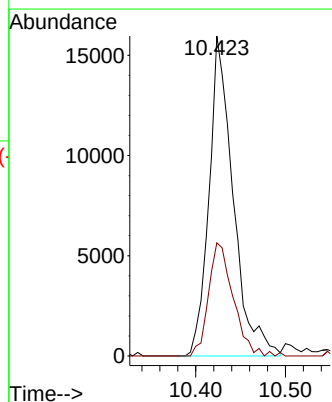
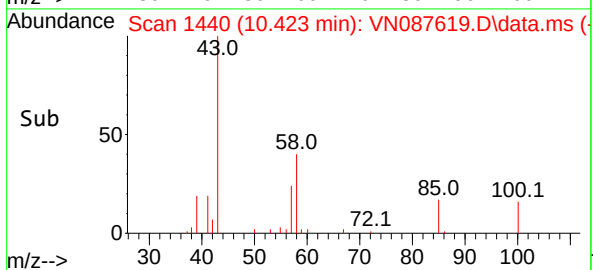
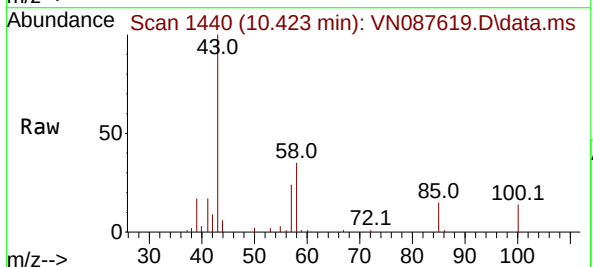
### Manual Integrations APPROVED

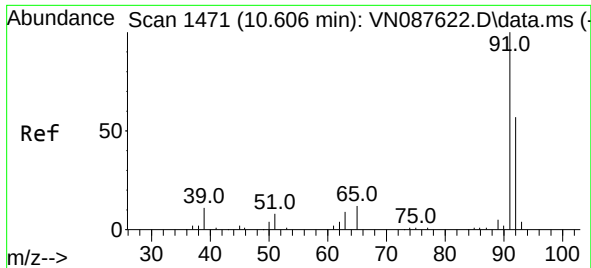
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#51  
4-Methyl-2-Pentanone  
Concen: 4.913 ug/l  
RT: 10.423 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

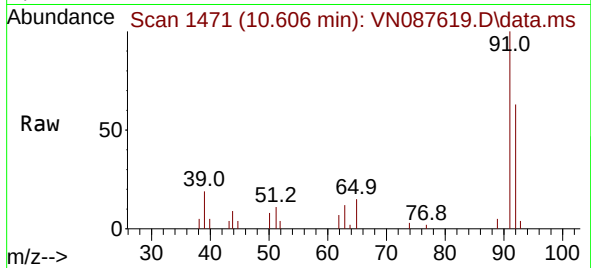
Tgt Ion: 43 Resp: 29834  
Ion Ratio Lower Upper  
43 100  
58 36.1 29.6 44.4





#52  
Toluene  
Concen: 1.090 ug/l  
RT: 10.606 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

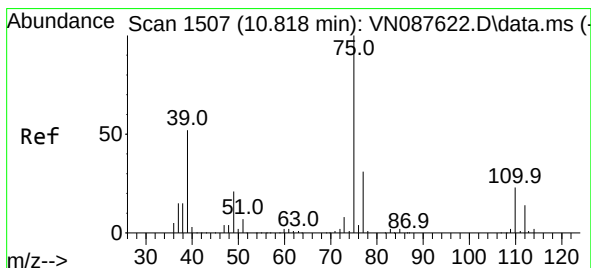
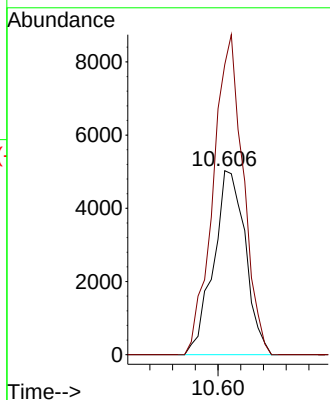
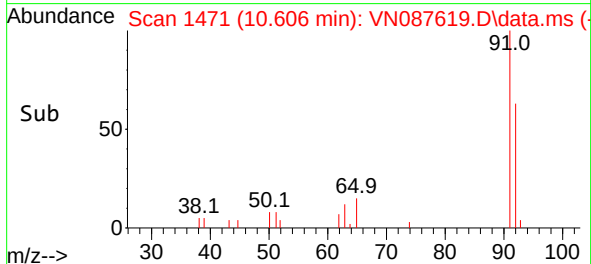
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



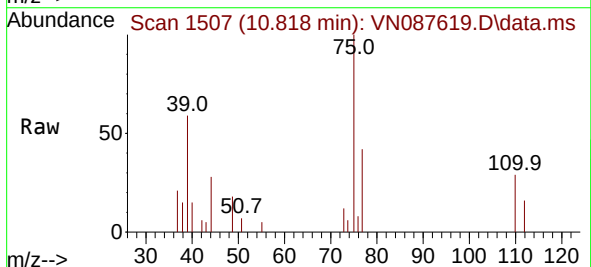
Tgt Ion: 92 Resp: 9770  
Ion Ratio Lower Upper  
92 100  
91 164.5 140.4 210.6

Manual Integrations  
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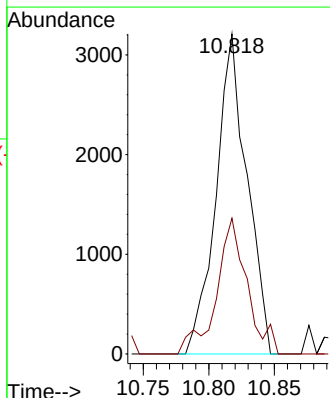
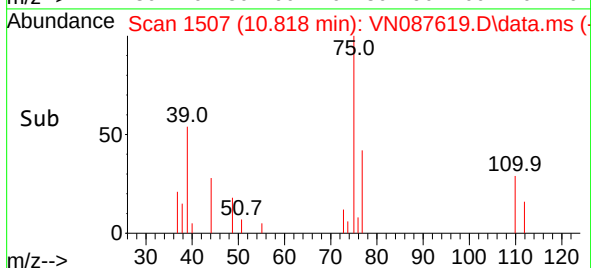
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025

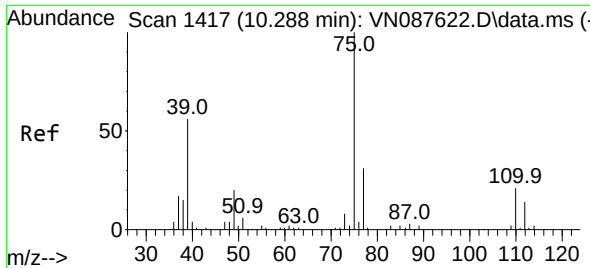


#53  
t-1,3-Dichloropropene  
Concen: 0.917 ug/l  
RT: 10.818 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09



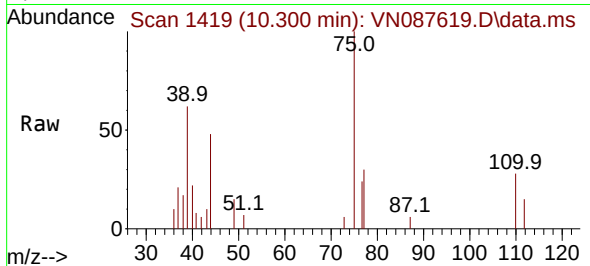
Tgt Ion: 75 Resp: 5278  
Ion Ratio Lower Upper  
75 100  
77 42.4 25.2 37.8#





#54  
 cis-1,3-Dichloropropene  
 Concen: 1.021 ug/l  
 RT: 10.300 min Scan# 1417  
 Delta R.T. 0.012 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09

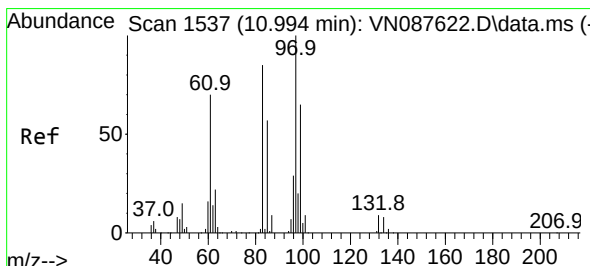
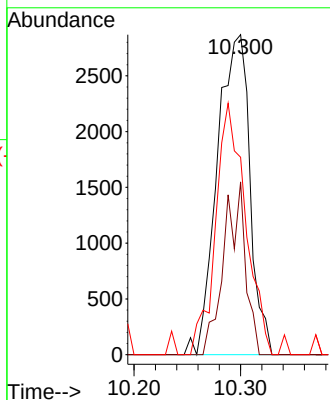
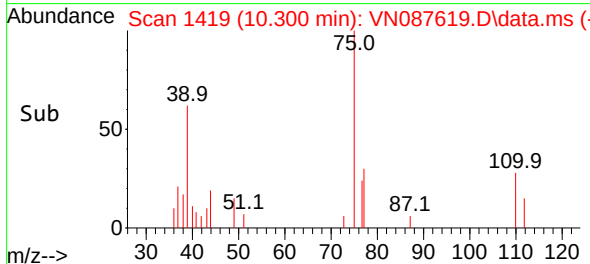
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



Tgt Ion: 75 Resp: 610  
 Ion Ratio Lower Upper  
 75 100  
 77 54.0 24.6 37.0  
 39 61.7 45.2 67.8

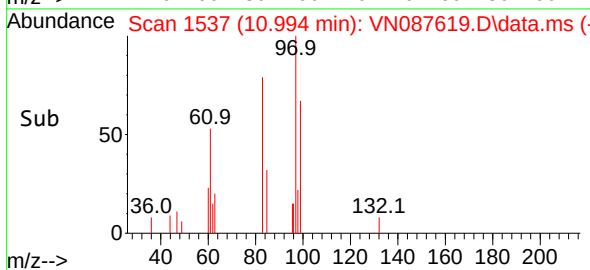
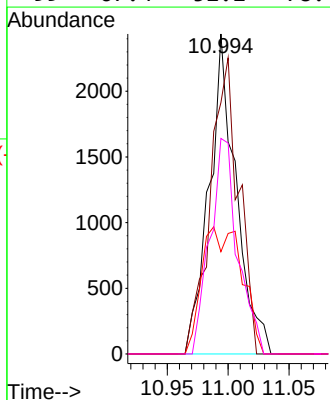
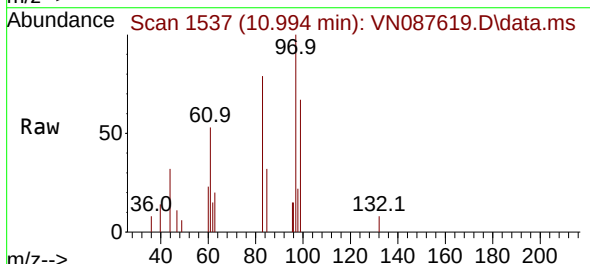
Manual Integrations  
 APPROVED

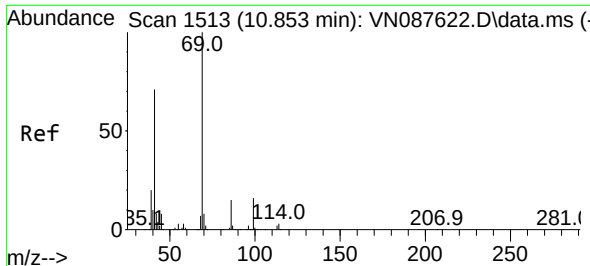
Reviewed By :John Carlone 08/22/2025  
 Supervised By :Mahesh Dadoda 08/25/2025



#55  
 1,1,2-Trichloroethane  
 Concen: 1.078 ug/l  
 RT: 10.994 min Scan# 1537  
 Delta R.T. -0.000 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09

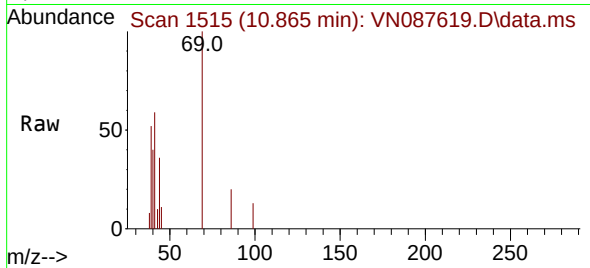
Tgt Ion: 97 Resp: 3739  
 Ion Ratio Lower Upper  
 97 100  
 83 78.5 68.2 102.4  
 85 31.9 45.5 68.3  
 99 67.4 52.2 78.4





#56  
Ethyl methacrylate  
Concen: 0.817 ug/l  
RT: 10.865 min Scan# 1515  
Delta R.T. 0.012 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

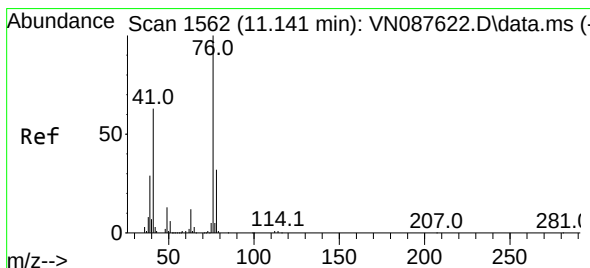
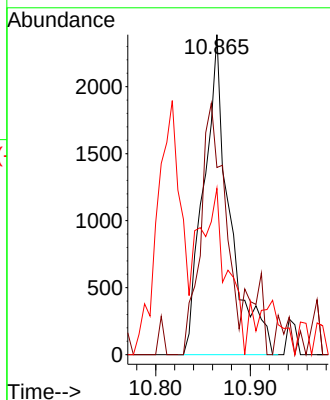
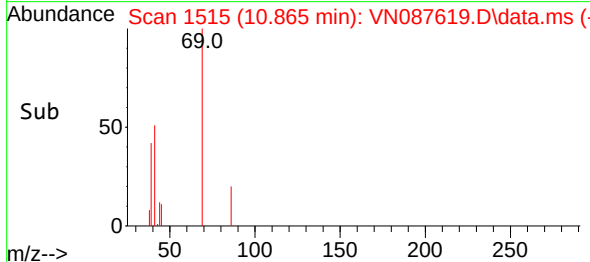
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



Tgt Ion: 69 Resp: 4529  
Ion Ratio Lower Upper  
69 100  
41 74.8 56.5 84.7  
39 56.0 34.2 51.4

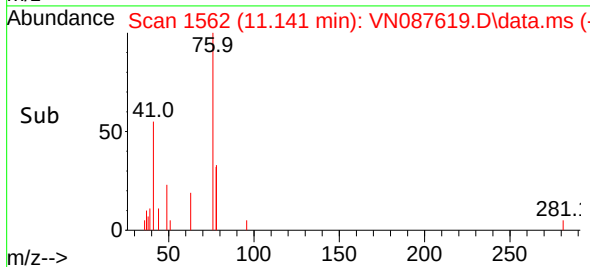
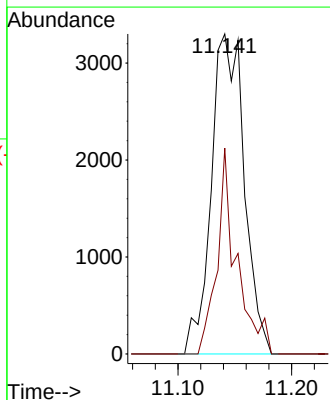
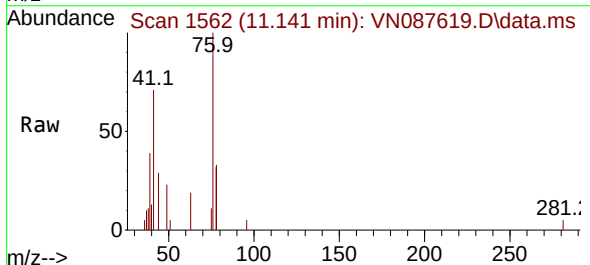
Manual Integrations  
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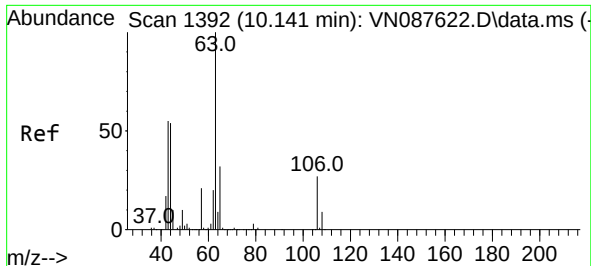
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#57  
1,3-Dichloropropane  
Concen: 1.083 ug/l  
RT: 11.141 min Scan# 1562  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Tgt Ion: 76 Resp: 6652  
Ion Ratio Lower Upper  
76 100  
78 38.2 26.2 39.4





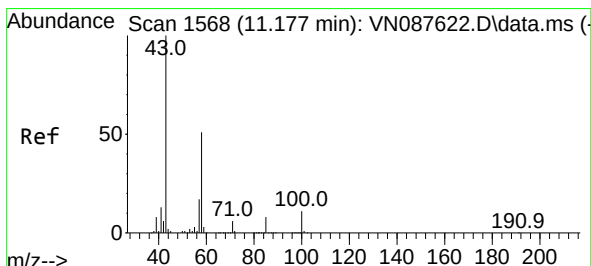
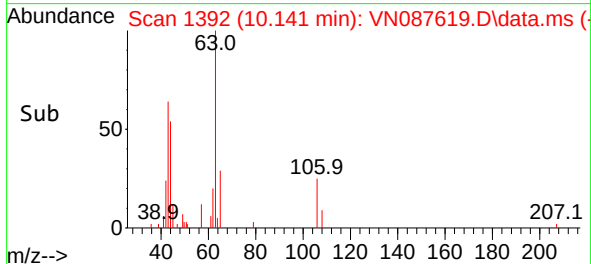
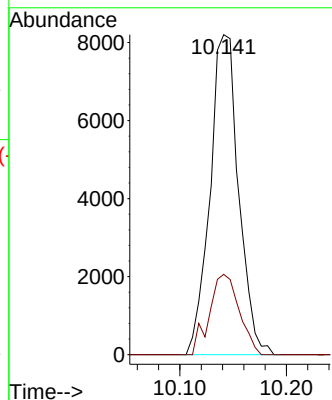
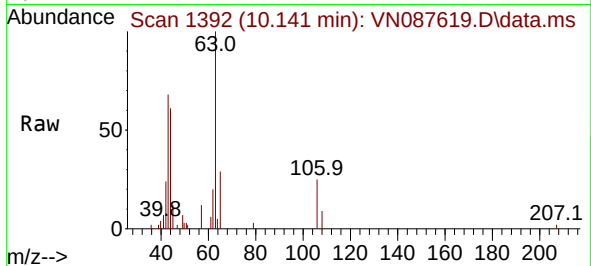
#58  
2-Chloroethyl Vinyl ether  
Concen: 5.109 ug/l  
RT: 10.141 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Tgt Ion: 63 Resp: 1533  
Ion Ratio Lower Upper  
63 100  
106 26.2 21.1 31.7

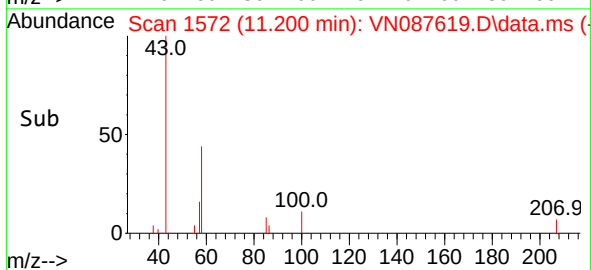
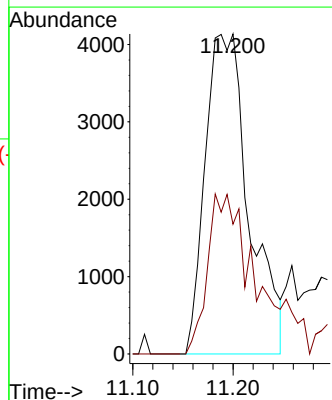
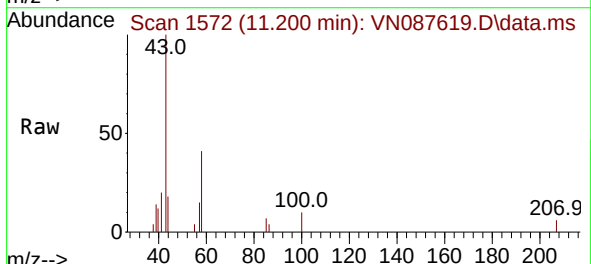
Manual Integrations  
APPROVED

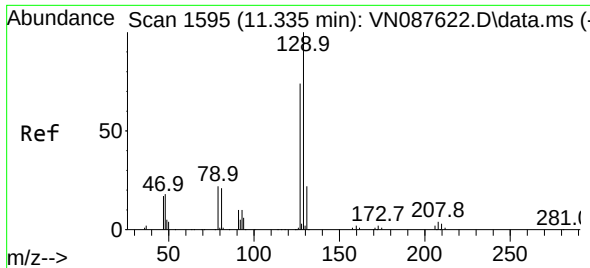
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#59  
2-Hexanone  
Concen: 3.274 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. 0.023 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

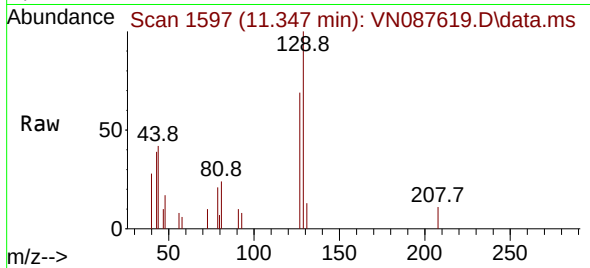
Tgt Ion: 43 Resp: 12564  
Ion Ratio Lower Upper  
43 100  
58 56.0 25.9 77.8





#60  
 Dibromochloromethane  
 Concen: 1.133 ug/l  
 RT: 11.347 min Scan# 1597  
 Delta R.T. 0.012 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09

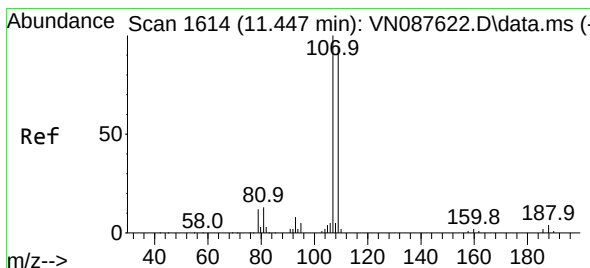
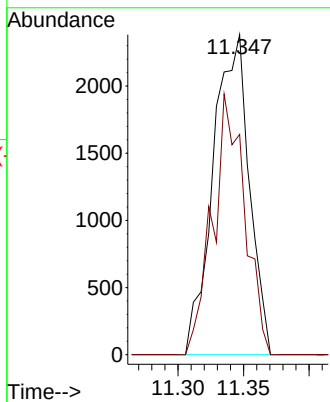
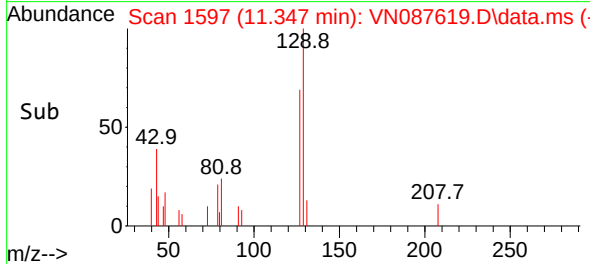
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



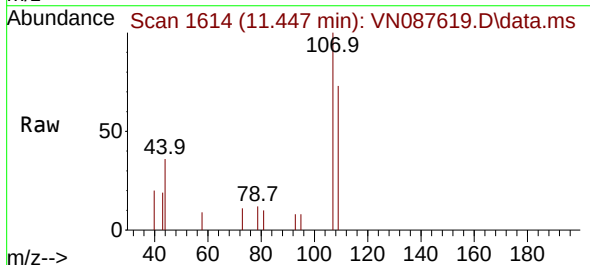
Tgt Ion:129 Resp: 4554  
 Ion Ratio Lower Upper  
 129 100  
 127 72.4 39.1 117.3

Manual Integrations  
 APPROVED

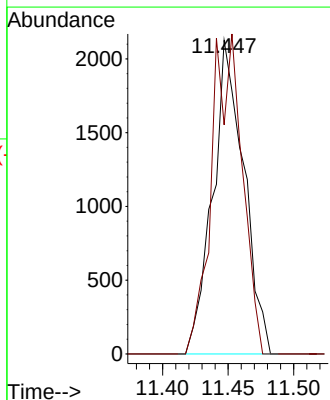
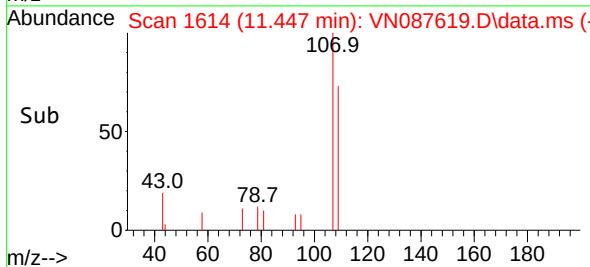
Reviewed By :John Carlone 08/22/2025  
 Supervised By :Mahesh Dadoda 08/25/2025

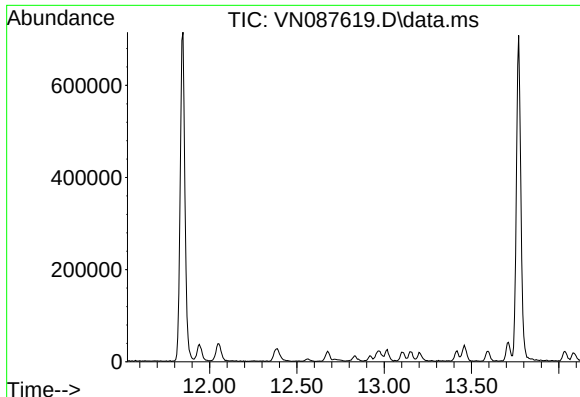


#61  
 1,2-Dibromoethane  
 Concen: 0.960 ug/l  
 RT: 11.447 min Scan# 1614  
 Delta R.T. -0.000 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09



Tgt Ion:107 Resp: 3511  
 Ion Ratio Lower Upper  
 107 100  
 109 100.1 74.7 112.1





#62  
 4-Bromofluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 12.82 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09

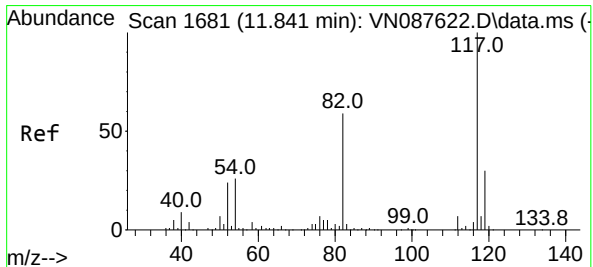
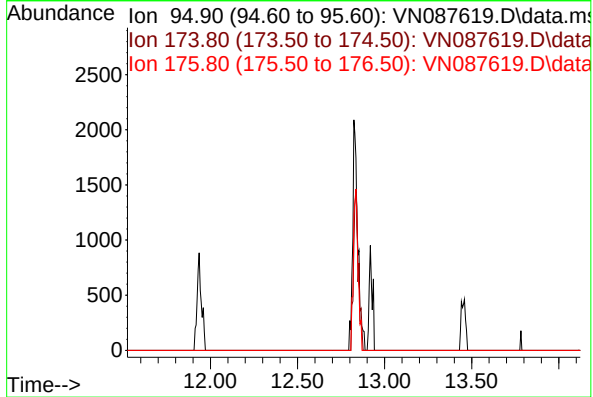
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 95  

| Sig | Exp  | Ratio |
|-----|------|-------|
| 95  | 100  |       |
| 174 | 69.2 |       |
| 176 | 66.3 |       |

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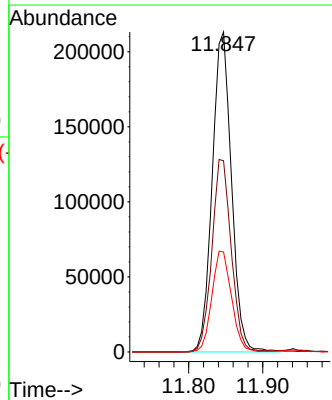
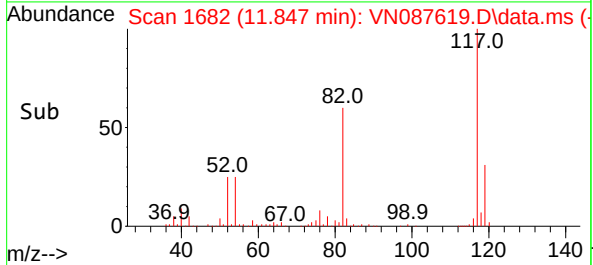
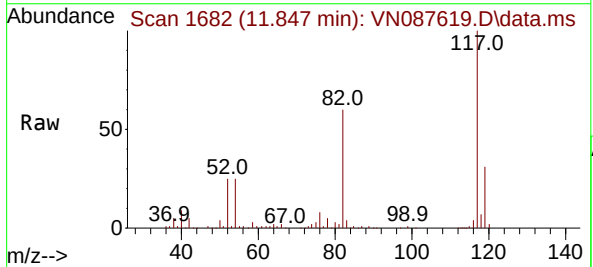
Reviewed By : John Carlone 08/22/2025  
 Supervised By : Mahesh Dadoda 08/25/2025



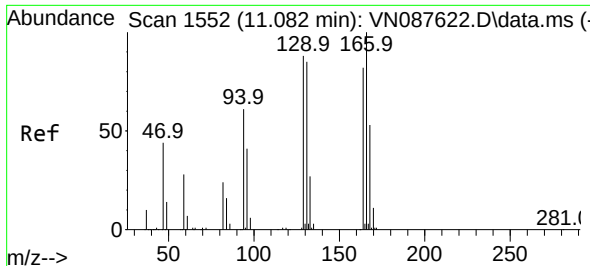
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.847 min Scan# 1682  
 Delta R.T. 0.006 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09

Tgt Ion: 117 Resp: 384310  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 59.7  | 47.4  | 71.2  |
| 119 | 31.3  | 24.3  | 36.5  |

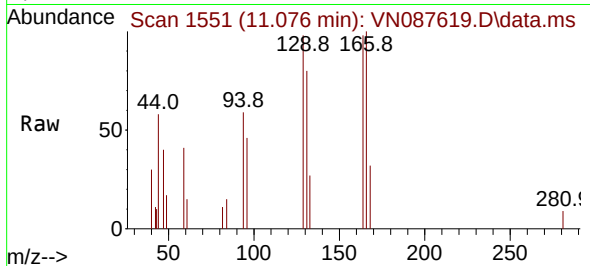






#64  
Tetrachloroethene  
Concen: 1.288 ug/l  
RT: 11.076 min Scan# 1551  
Delta R.T. -0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

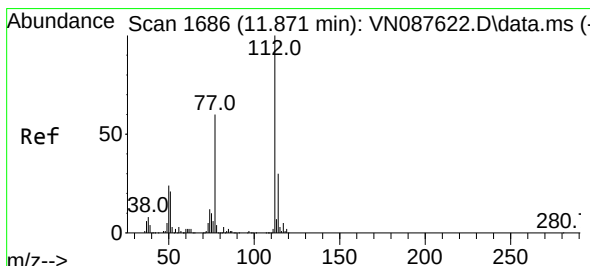
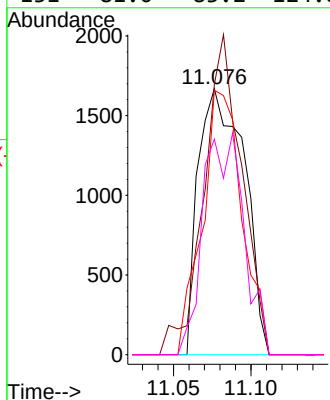
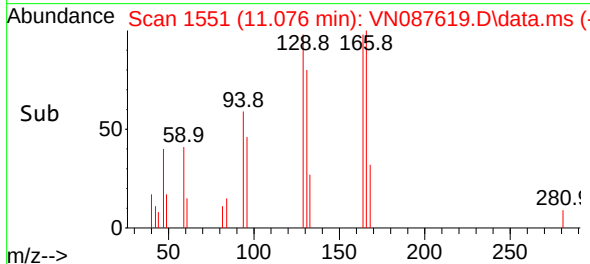
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:164 Resp: 343  
Ion Ratio Lower Upper  
164 100  
166 101.6 97.7 146.5  
129 99.5 85.9 128.9  
131 81.0 83.2 124.8#

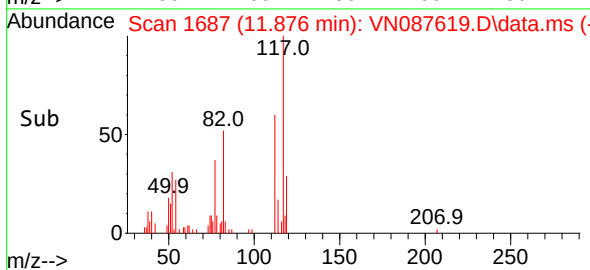
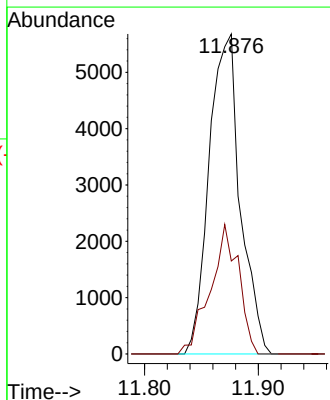
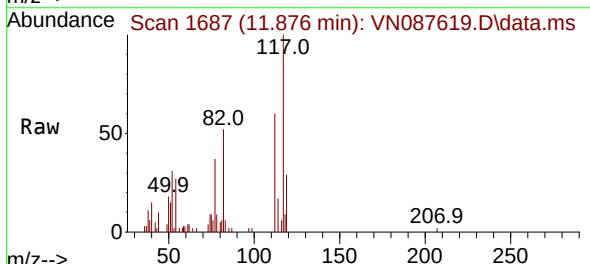
Manual Integrations  
APPROVED

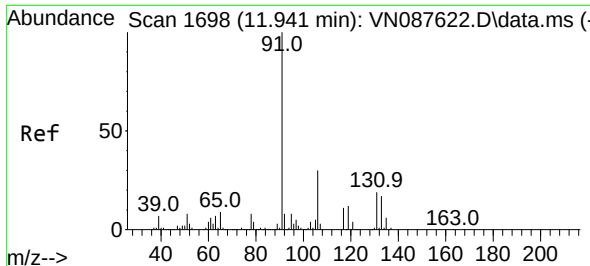
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#65  
Chlorobenzene  
Concen: 1.132 ug/l  
RT: 11.876 min Scan# 1687  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Tgt Ion:112 Resp: 10823  
Ion Ratio Lower Upper  
112 100  
114 29.1 24.3 36.5





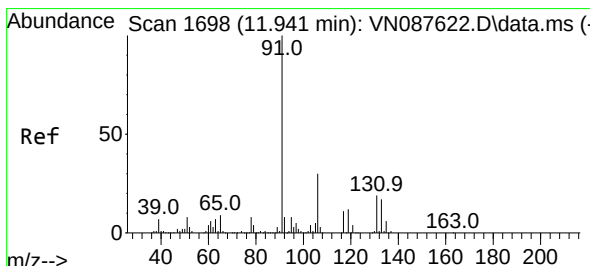
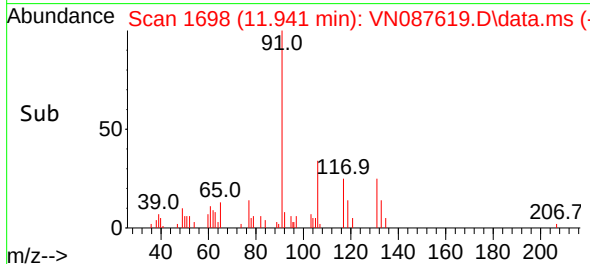
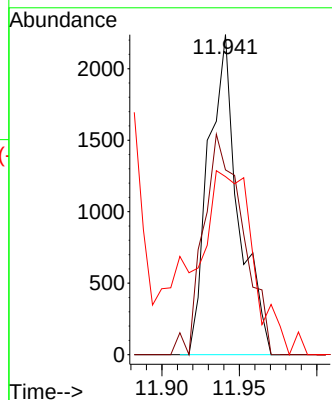
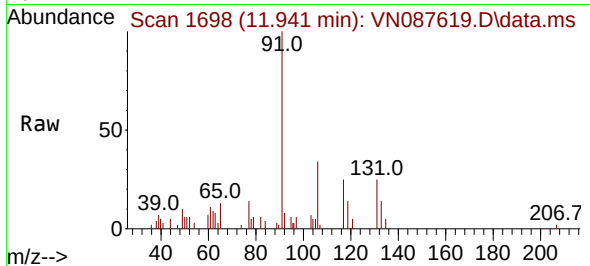
#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.948 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Tgt Ion:131 Resp: 3009  
Ion Ratio Lower Upper  
131 100  
133 90.8 48.0 144.0  
119 0.0 32.6 97.7

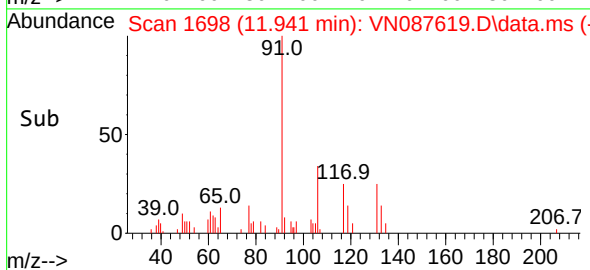
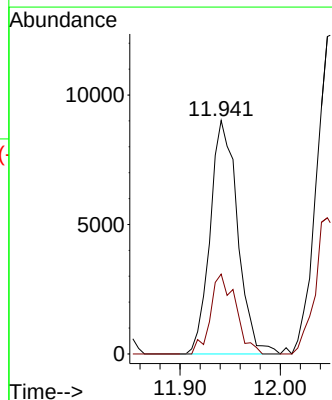
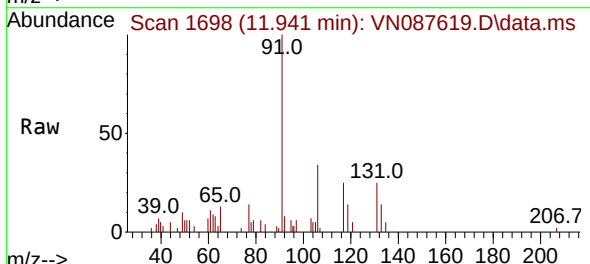
Manual Integrations  
APPROVED

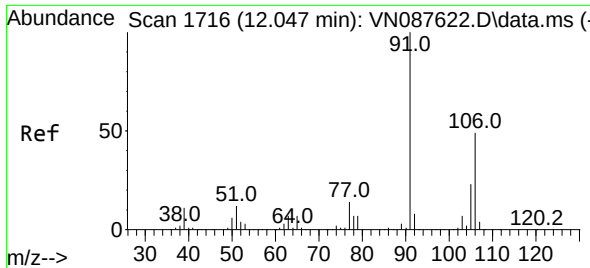
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#67  
Ethyl Benzene  
Concen: 1.037 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Tgt Ion: 91 Resp: 17159  
Ion Ratio Lower Upper  
91 100  
106 34.2 24.1 36.1





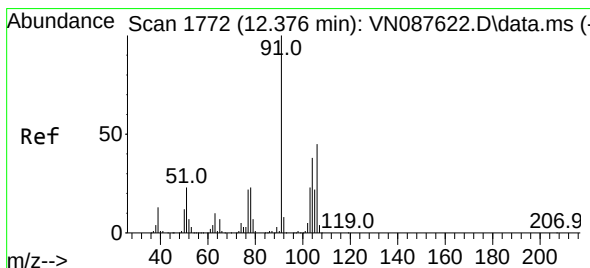
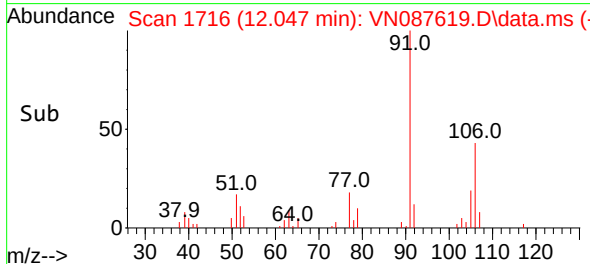
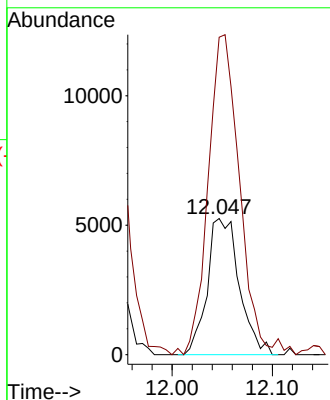
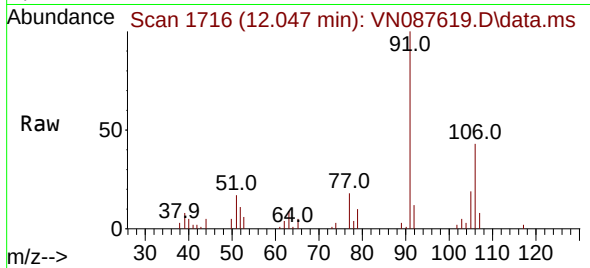
#68  
m/p-Xylenes  
Concen: 1.921 ug/l  
RT: 12.047 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion:106 Resp: 1166  
Ion Ratio Lower Upper  
106 100  
91 227.2 169.3 253.9

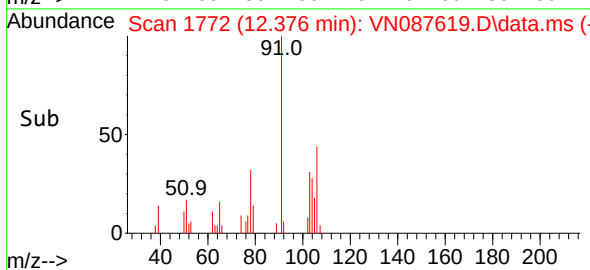
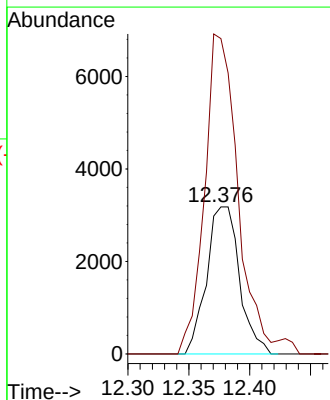
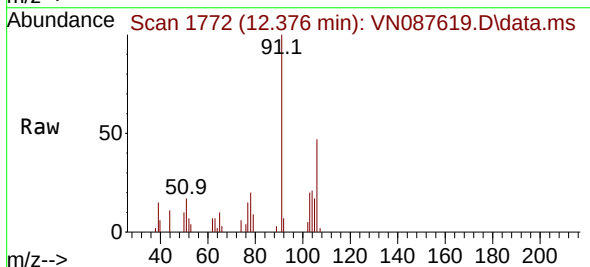
Manual Integrations  
APPROVED

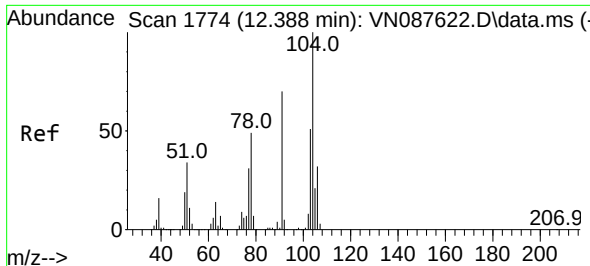
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#69  
o-Xylene  
Concen: 1.003 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

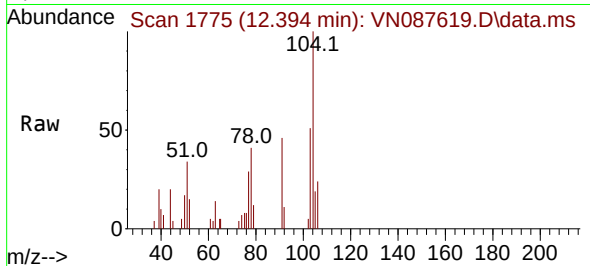
Tgt Ion:106 Resp: 5970  
Ion Ratio Lower Upper  
106 100  
91 223.2 111.4 334.2





#70  
Styrene  
Concen: 0.881 ug/l  
RT: 12.394 min Scan# 1774  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

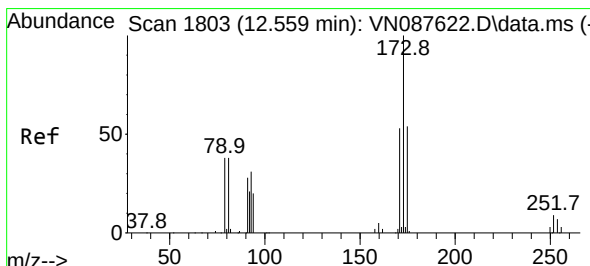
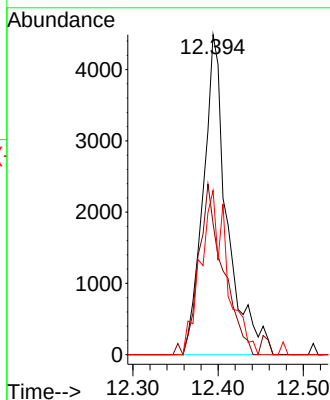
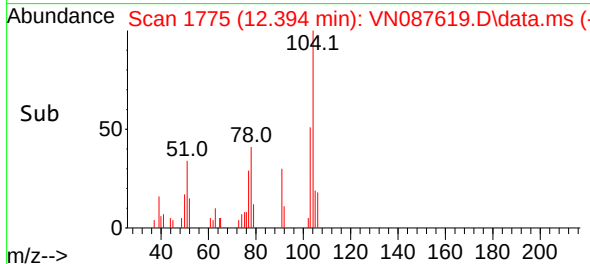
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:104 Resp: 878  
Ion Ratio Lower Upper  
104 100  
78 54.4 42.2 63.2  
103 57.0 43.4 65.2

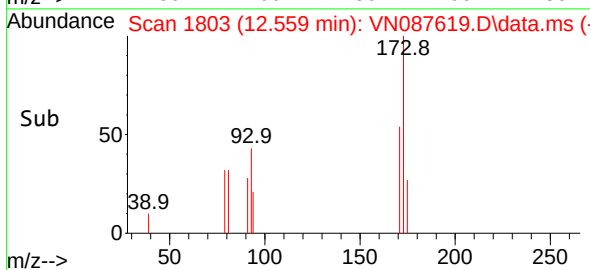
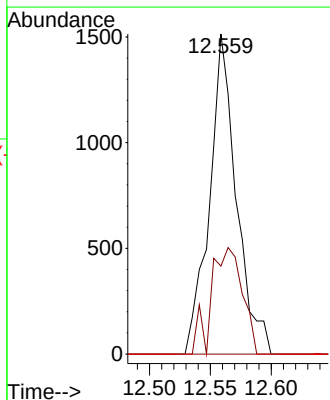
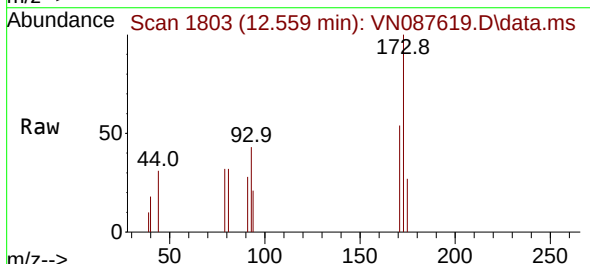
Manual Integrations  
APPROVED

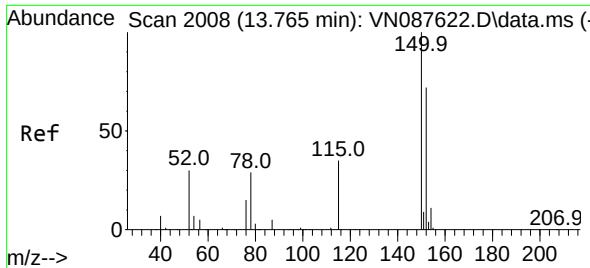
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#71  
Bromoform  
Concen: 0.956 ug/l  
RT: 12.559 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

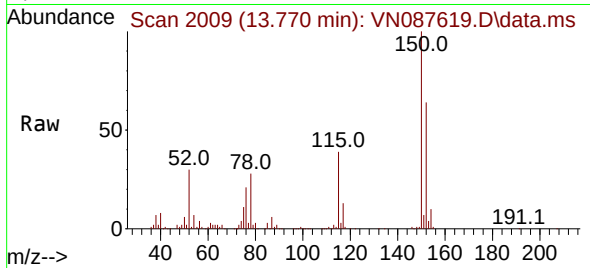
Tgt Ion:173 Resp: 2328  
Ion Ratio Lower Upper  
173 100  
175 38.6 24.9 74.6  
254 0.0 0.1 0.1#





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.770 min Scan# 2008  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

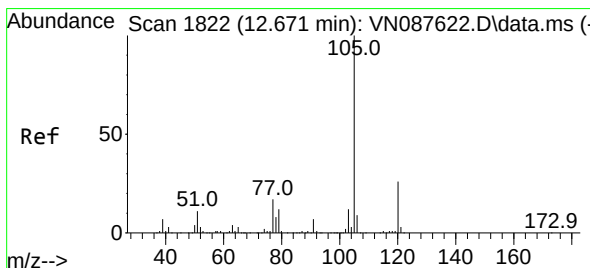
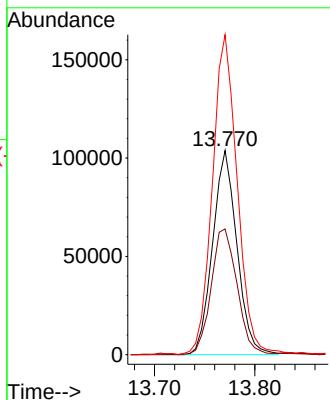
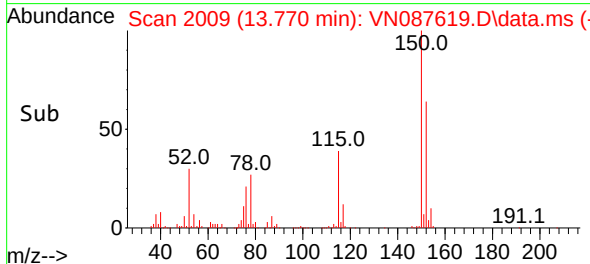
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



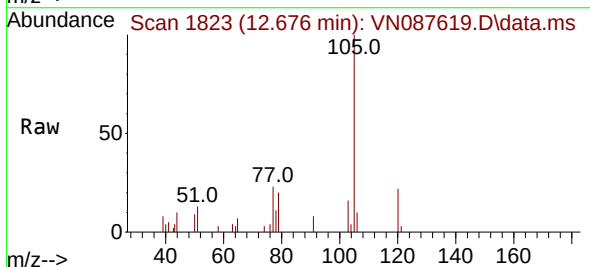
Tgt Ion:152 Resp: 17463  
Ion Ratio Lower Upper  
152 100  
115 66.2 32.3 96.8  
150 161.4 0.0 351.0

Manual Integrations  
APPROVED

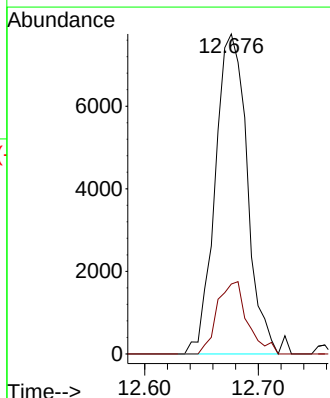
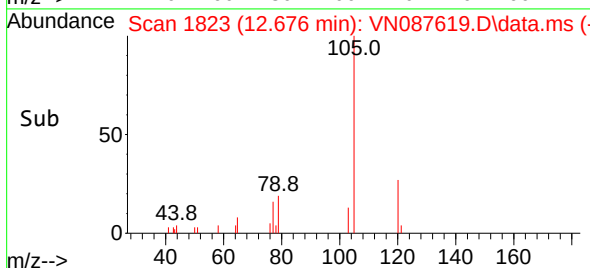
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025

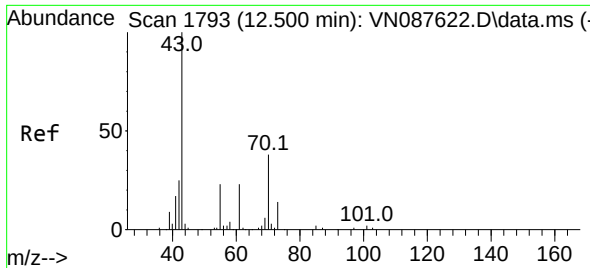


#73  
Isopropylbenzene  
Concen: 1.071 ug/l  
RT: 12.676 min Scan# 1823  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09



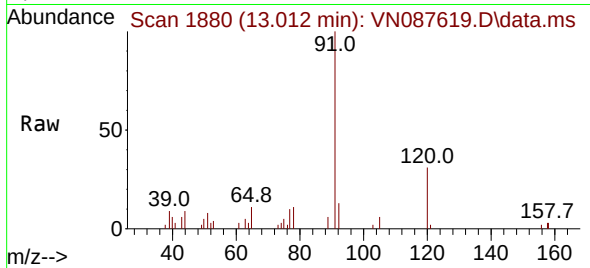
Tgt Ion:105 Resp: 15118  
Ion Ratio Lower Upper  
105 100  
120 21.3 12.8 38.3





#74  
N-amy1 acetate  
Concen: 1.010 ug/l m  
RT: 13.012 min Scan# 1880  
Delta R.T. 0.512 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

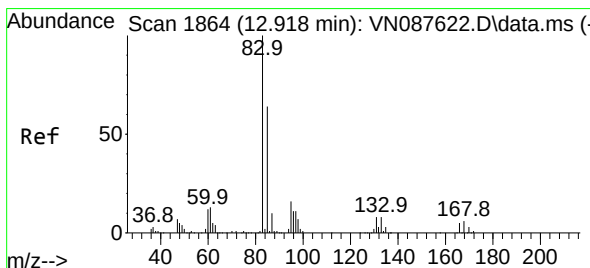
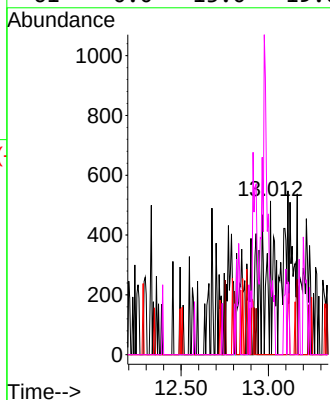
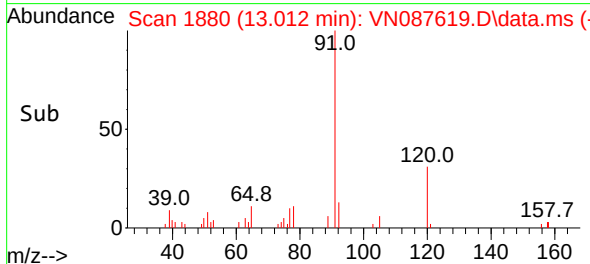
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 43 Resp: 548  
Ion Ratio Lower Upper  
43 100  
70 0.0 27.6 41.4  
55 0.0 13.0 19.6  
61 0.0 13.0 19.6

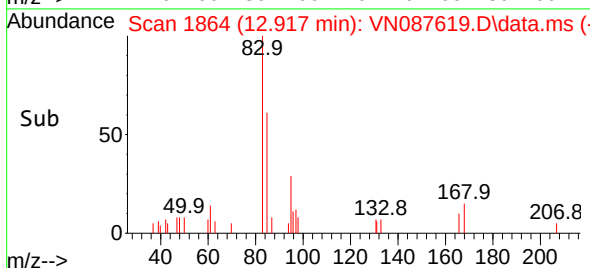
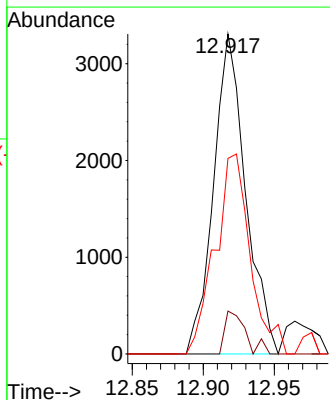
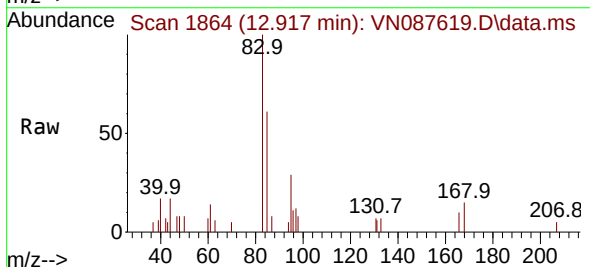
Manual Integrations  
APPROVED

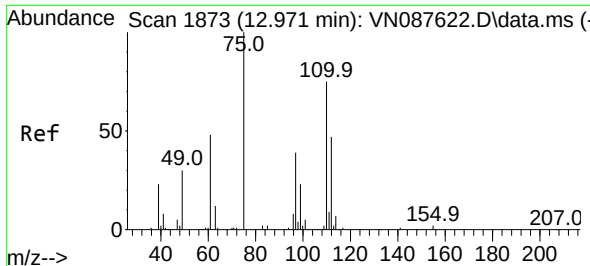
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.070 ug/l  
RT: 12.917 min Scan# 1864  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

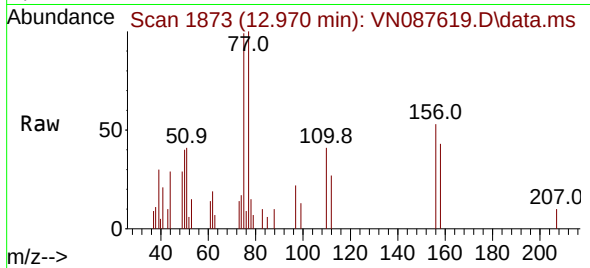
Tgt Ion: 83 Resp: 5198  
Ion Ratio Lower Upper  
83 100  
131 8.6 4.8 14.4  
85 68.4 32.1 96.3





#76  
1,2,3-Trichloropropane  
Concen: 1.084 ug/l m  
RT: 12.970 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

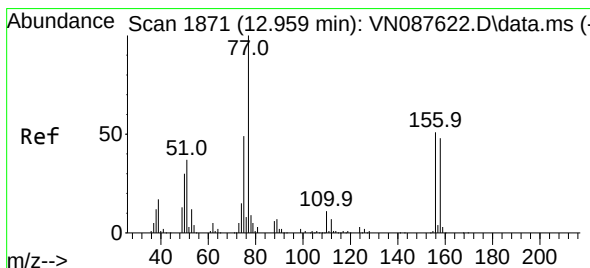
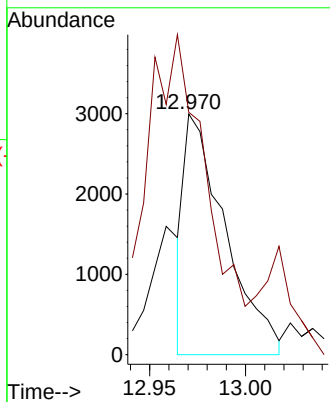
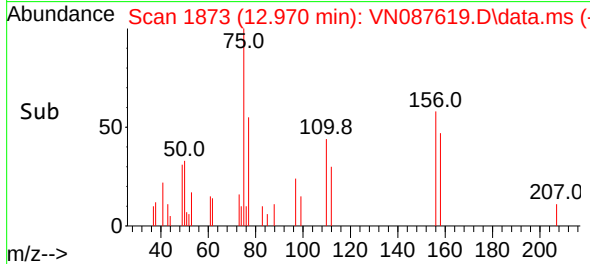
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



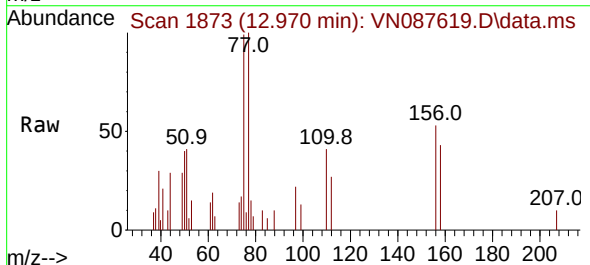
Tgt Ion: 75 Resp: 445  
Ion Ratio Lower Upper  
75 100  
77 197.5 89.1 267.4

Manual Integrations  
APPROVED

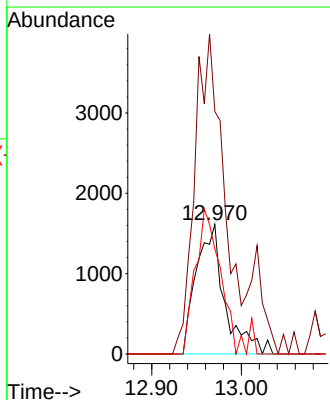
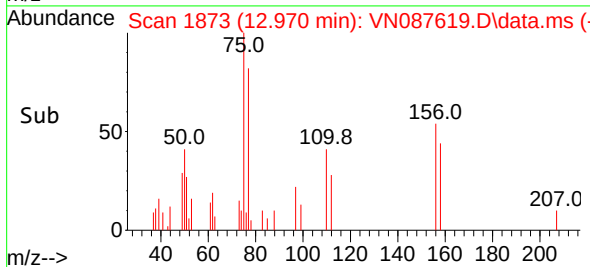
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025

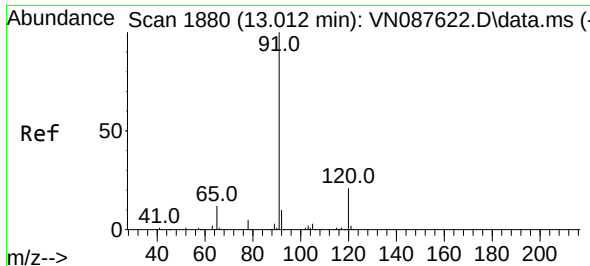


#77  
Bromobenzene  
Concen: 1.070 ug/l  
RT: 12.970 min Scan# 1873  
Delta R.T. 0.012 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09



Tgt Ion:156 Resp: 3560  
Ion Ratio Lower Upper  
156 100  
77 247.0 119.3 358.0  
158 98.6 48.2 144.6





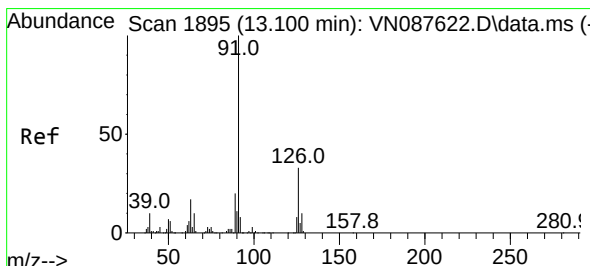
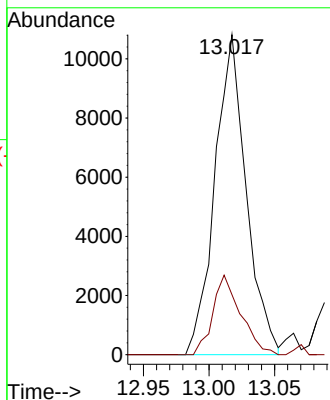
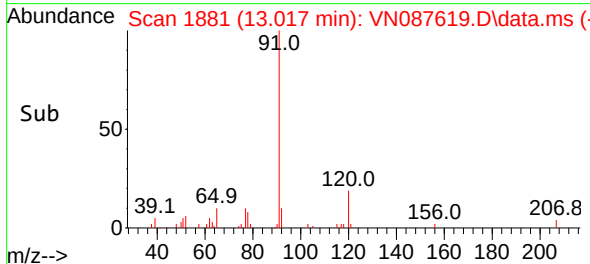
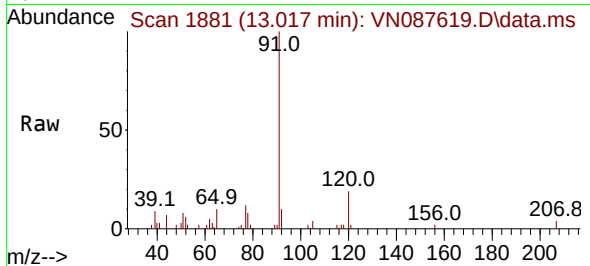
#78  
n-propylbenzene  
Concen: 1.032 ug/l  
RT: 13.017 min Scan# 1880  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 91 Resp: 1794  
Ion Ratio Lower Upper  
91 100  
120 22.1 10.7 32.1

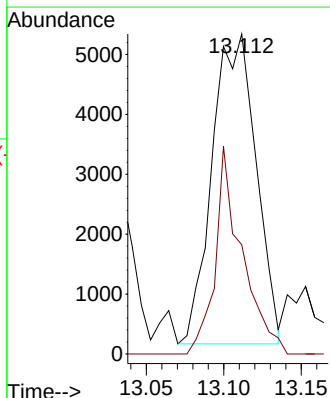
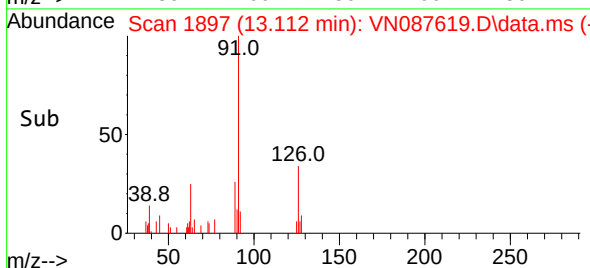
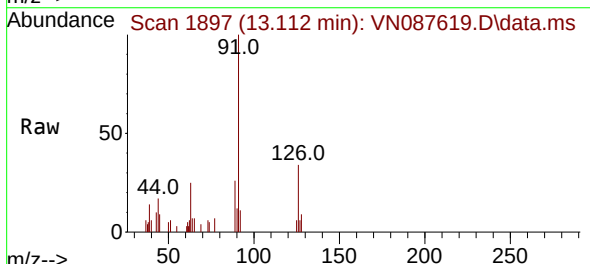
Manual Integrations  
APPROVED

Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025

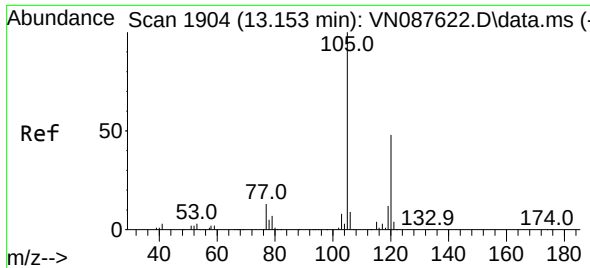


#79  
2-Chlorotoluene  
Concen: 0.972 ug/l  
RT: 13.112 min Scan# 1897  
Delta R.T. 0.012 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Tgt Ion: 91 Resp: 10167  
Ion Ratio Lower Upper  
91 100  
126 40.6 16.1 48.3

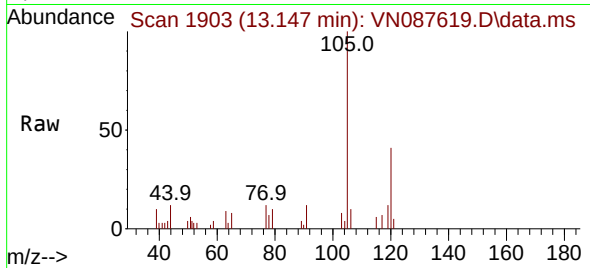






#80  
1,3,5-Trimethylbenzene  
Concen: 1.046 ug/l  
RT: 13.147 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

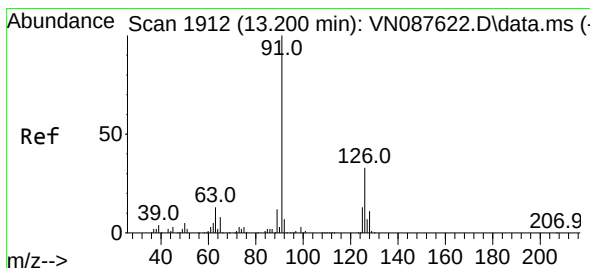
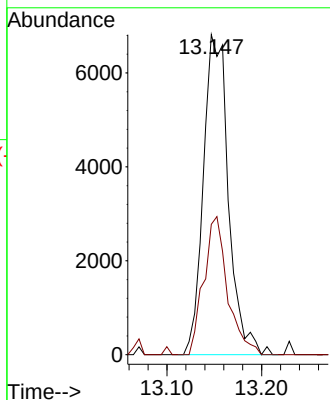
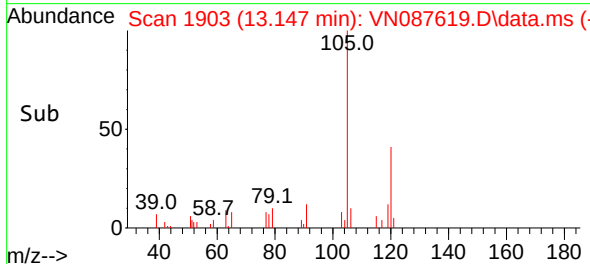
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



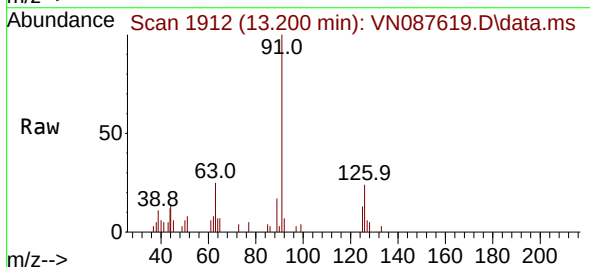
Tgt Ion:105 Resp: 1252  
Ion Ratio Lower Upper  
105 100  
120 41.1 23.2 69.6

Manual Integrations  
APPROVED

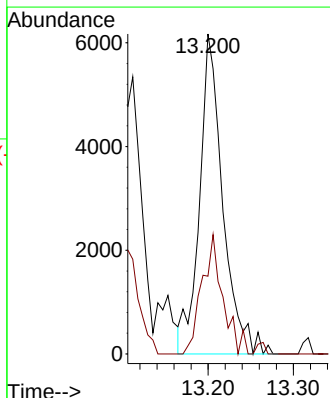
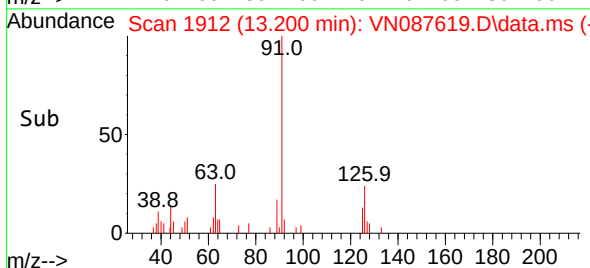
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025

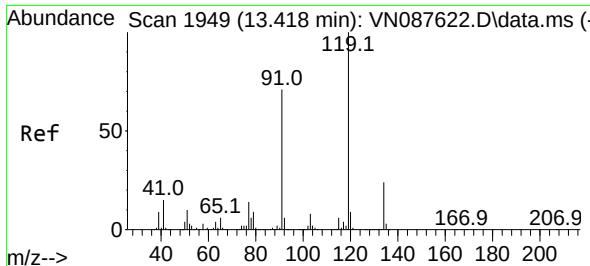


#82  
4-Chlorotoluene  
Concen: 1.065 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09



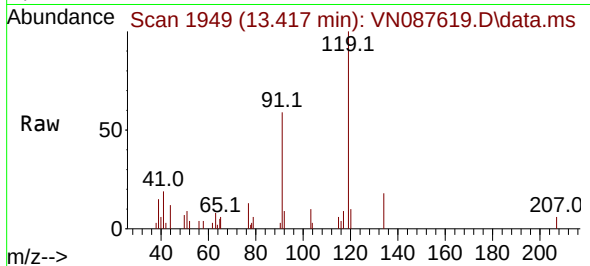
Tgt Ion: 91 Resp: 11708  
Ion Ratio Lower Upper  
91 100  
126 33.4 15.6 46.8





#83  
tert-Butylbenzene  
Concen: 1.020 ug/l  
RT: 13.417 min Scan# 1949  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

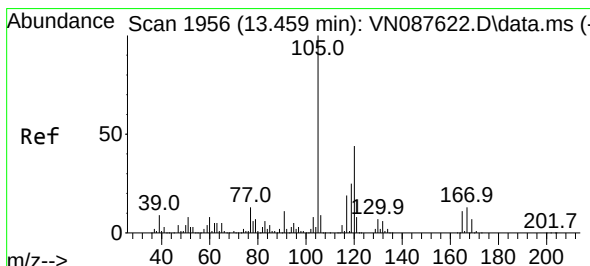
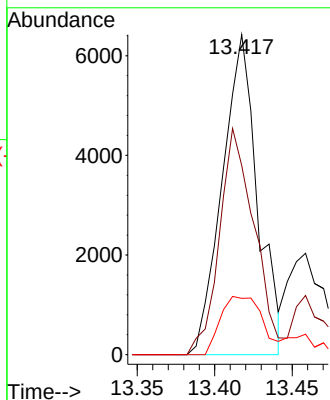
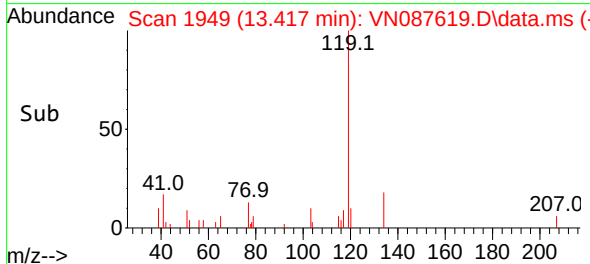
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



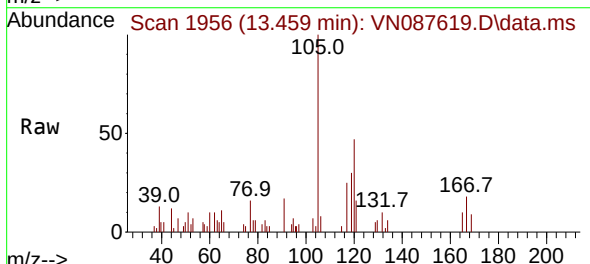
Tgt Ion:119 Resp: 1017  
Ion Ratio Lower Upper  
119 100  
91 70.6 35.0 105.0  
134 21.6 12.6 37.8

Manual Integrations  
APPROVED

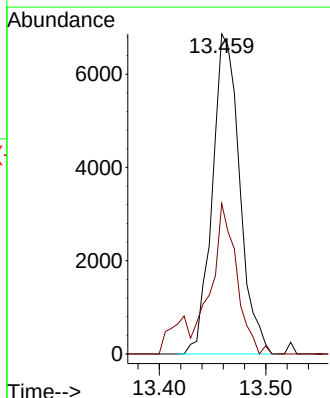
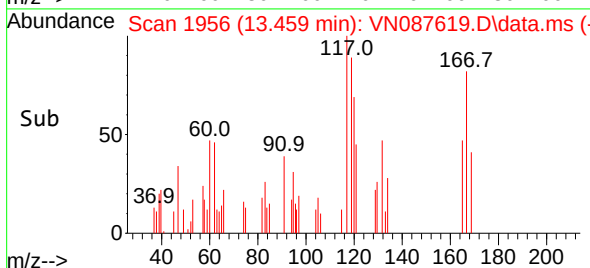
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025

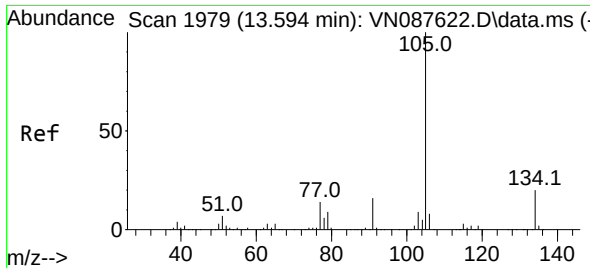


#84  
1,2,4-Trimethylbenzene  
Concen: 1.021 ug/l  
RT: 13.459 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09



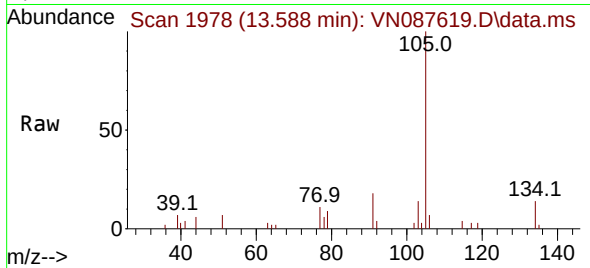
Tgt Ion:105 Resp: 12231  
Ion Ratio Lower Upper  
105 100  
120 43.2 22.0 66.0





#85  
 sec-Butylbenzene  
 Concen: 1.053 ug/l  
 RT: 13.588 min Scan# 1978  
 Delta R.T. -0.006 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09

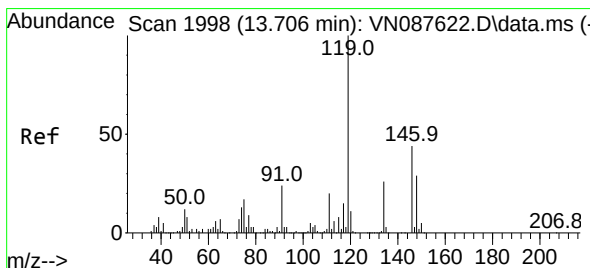
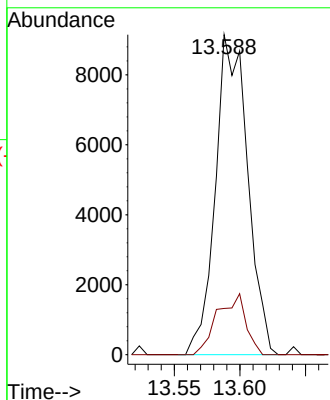
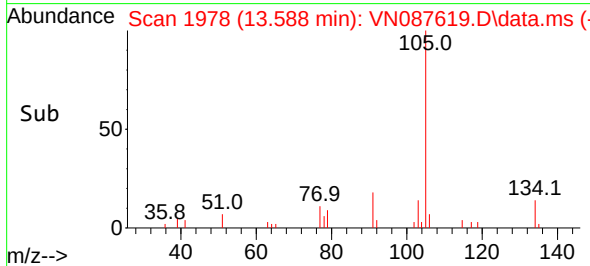
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



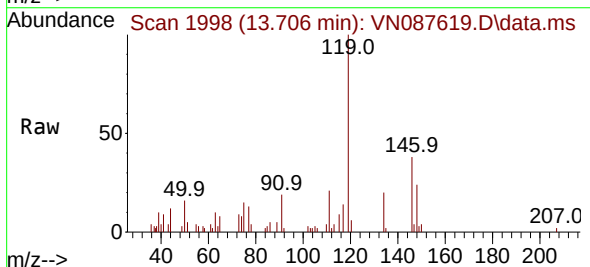
Tgt Ion:105 Resp: 1559  
 Ion Ratio Lower Upper  
 105 100  
 134 16.8 9.6 28.6

Manual Integrations  
 APPROVED

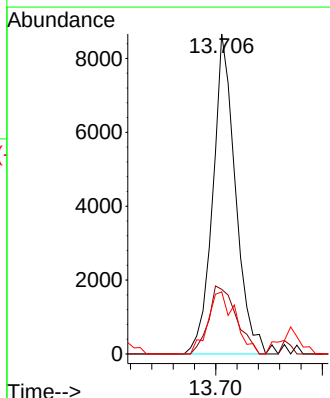
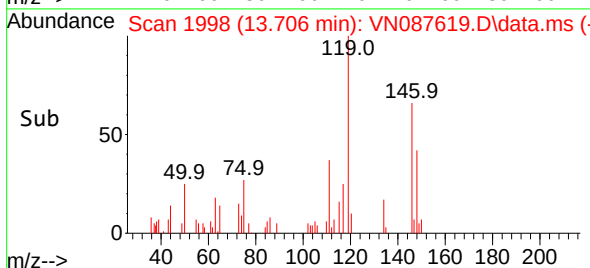
Reviewed By :John Carlone 08/22/2025  
 Supervised By :Mahesh Dadoda 08/25/2025

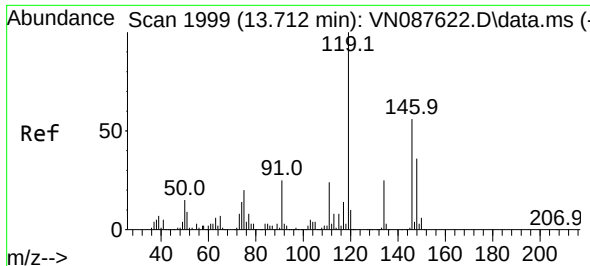


#86  
 p-Isopropyltoluene  
 Concen: 1.044 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. -0.000 min  
 Lab File: VN087619.D  
 Acq: 21 Aug 2025 12:09



Tgt Ion:119 Resp: 12768  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.7 38.0  
 91 23.6 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 1.113 ug/l

RT: 13.717 min Scan# 2010

Delta R.T. 0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001

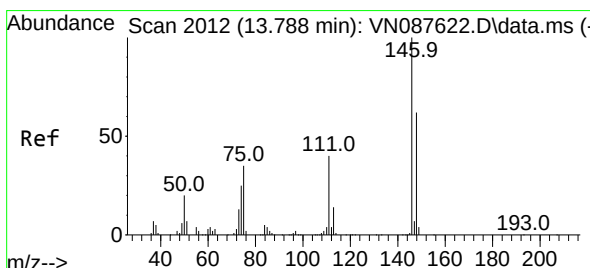
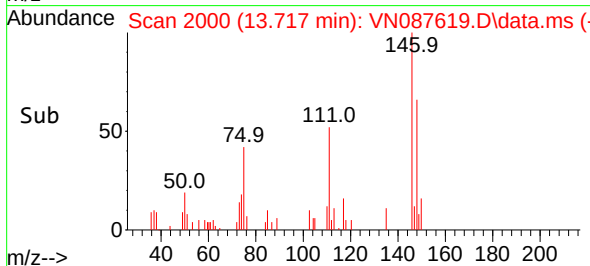
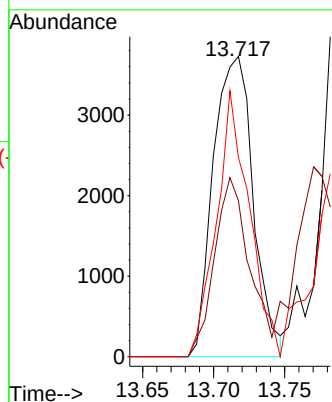
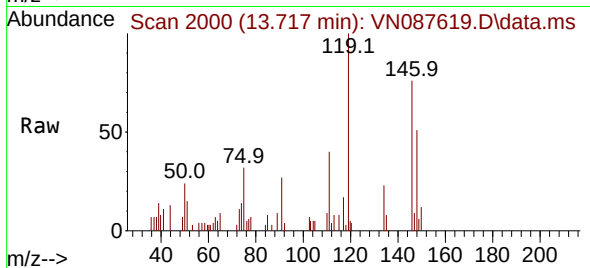
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 7290  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 52.3  | 22.1  | 66.5  |
| 148      | 72.6  | 32.0  | 96.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#88

1,4-Dichlorobenzene

Concen: 1.203 ug/l m

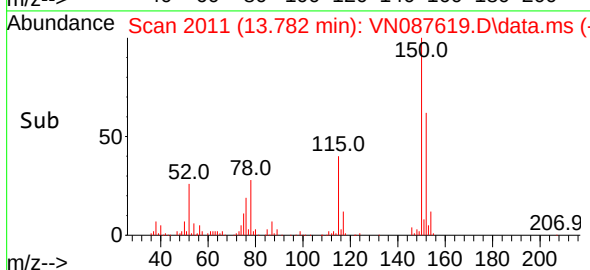
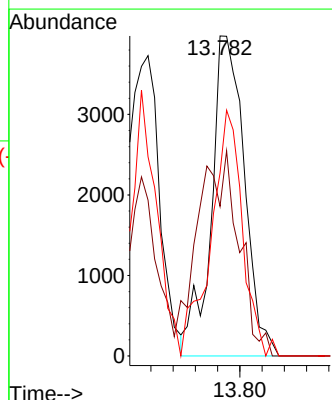
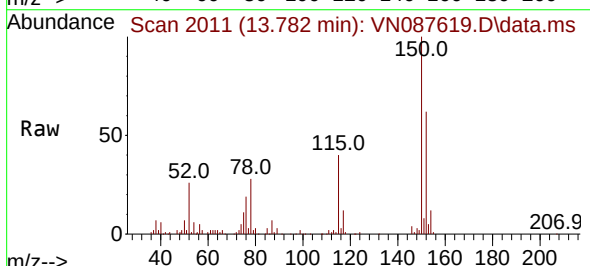
RT: 13.782 min Scan# 2011

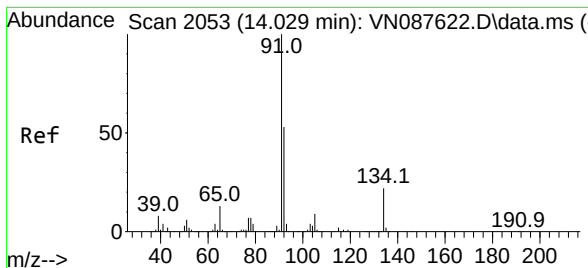
Delta R.T. -0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 8201  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 46.5  | 21.0  | 63.0  |
| 148      | 64.5  | 32.0  | 96.0  |





#89

n-Butylbenzene

Concen: 1.083 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

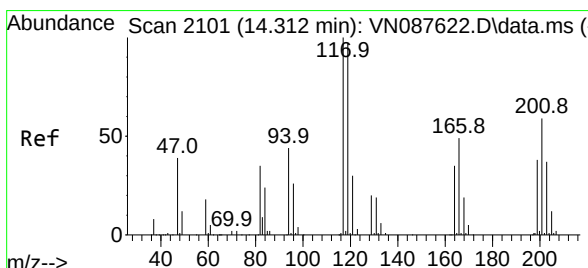
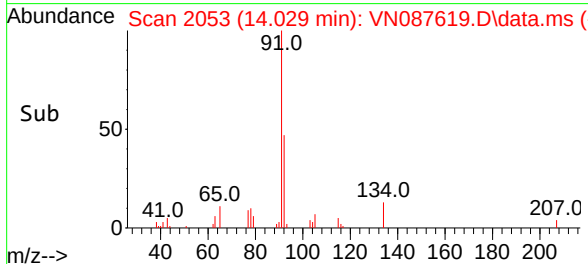
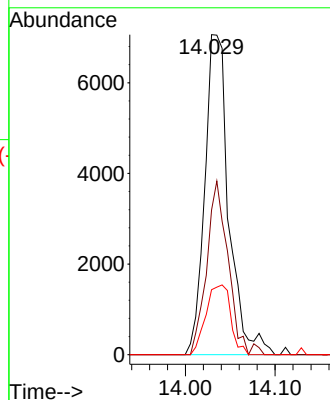
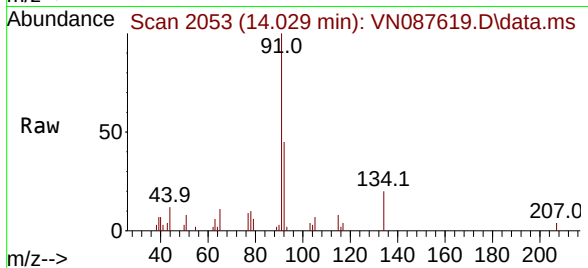
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 91    | Resp: | 1314 |
| Ion Ratio | Lower | Upper |      |
| 91        | 100   |       |      |
| 92        | 48.6  | 25.9  | 77.8 |
| 134       | 22.5  | 11.7  | 35.0 |

Manual Integrations

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Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#90

Hexachloroethane

Concen: 1.113 ug/l

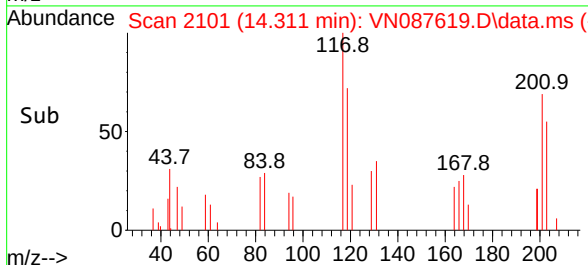
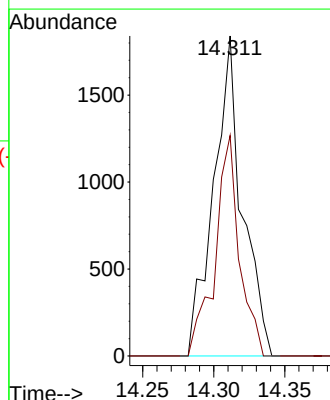
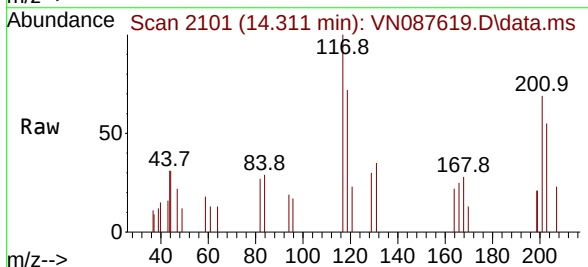
RT: 14.311 min Scan# 2101

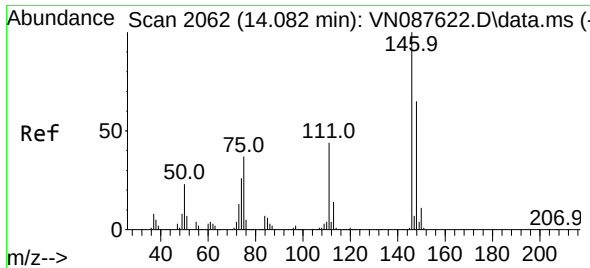
Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 117   | Resp: | 2591 |
| Ion Ratio | Lower | Upper |      |
| 117       | 100   |       |      |
| 201       | 58.0  | 29.1  | 87.4 |





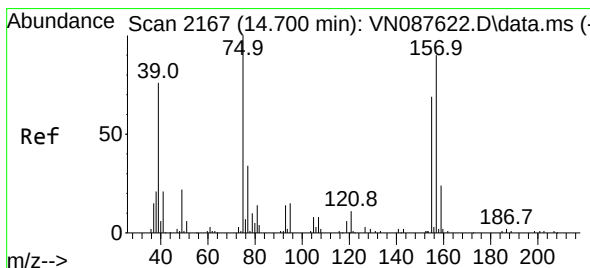
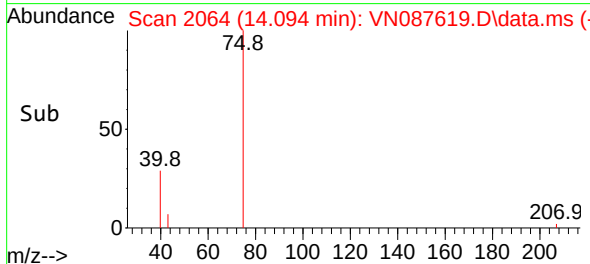
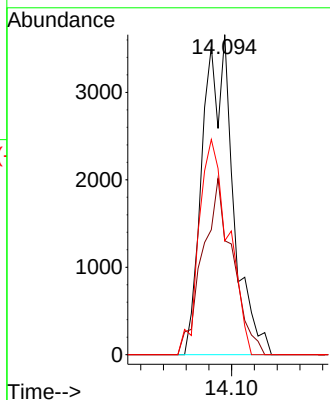
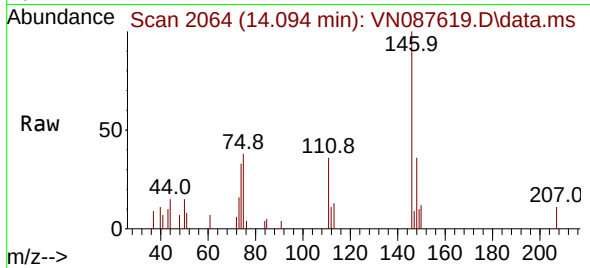
#91  
1,2-Dichlorobenzene  
Concen: 1.091 ug/l  
RT: 14.094 min Scan# 2064  
Delta R.T. 0.012 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 54.3  | 22.6  | 67.8  |
| 148     | 65.1  | 31.9  | 95.9  |

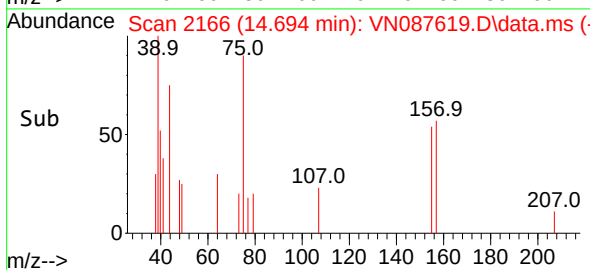
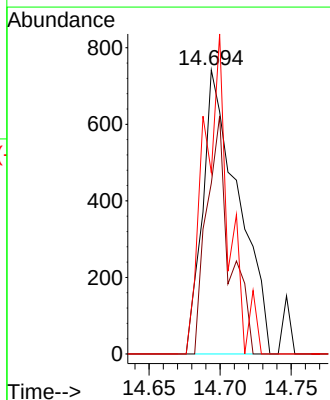
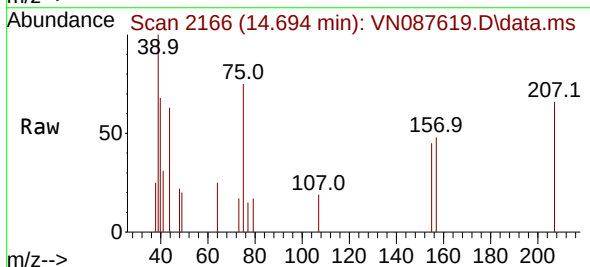
Manual Integrations  
APPROVED

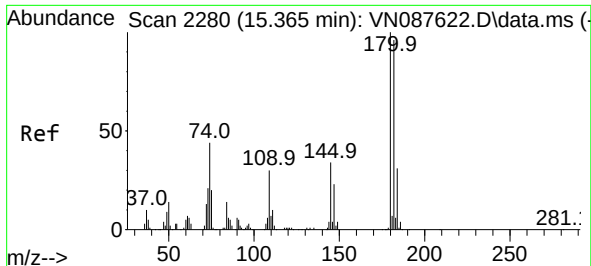
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 1.120 ug/l  
RT: 14.694 min Scan# 2166  
Delta R.T. -0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

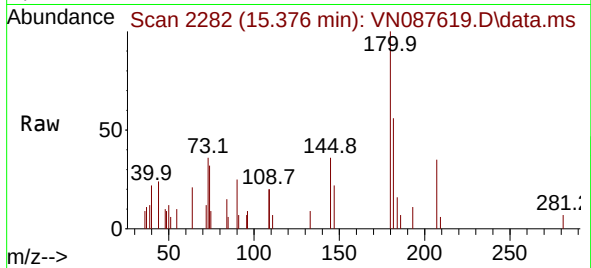
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 54.7  | 36.6  | 109.9 |
| 157     | 78.4  | 45.6  | 136.9 |





#93  
1,2,4-Trichlorobenzene  
Concen: 1.115 ug/l  
RT: 15.376 min Scan# 2280  
Delta R.T. 0.012 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

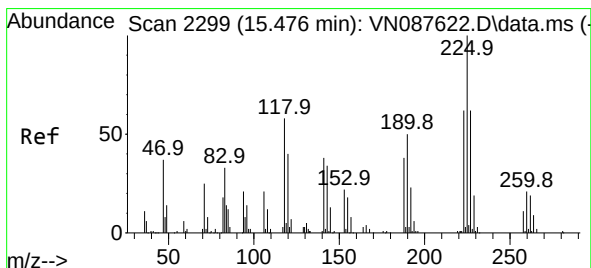
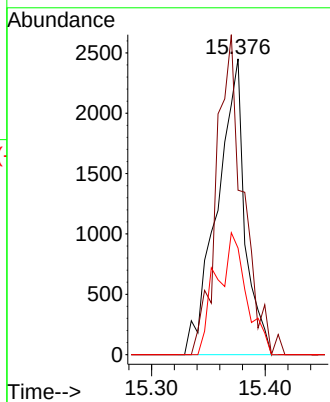
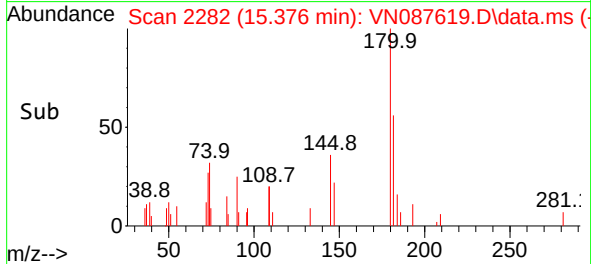
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



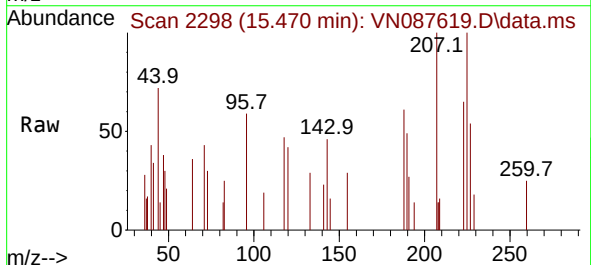
Tgt Ion:180 Resp: 416  
Ion Ratio Lower Upper  
180 100  
182 104.2 47.6 142.9  
145 44.7 16.5 49.5

Manual Integrations  
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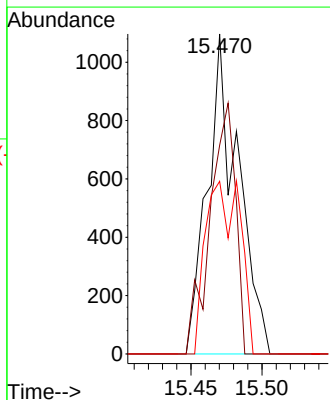
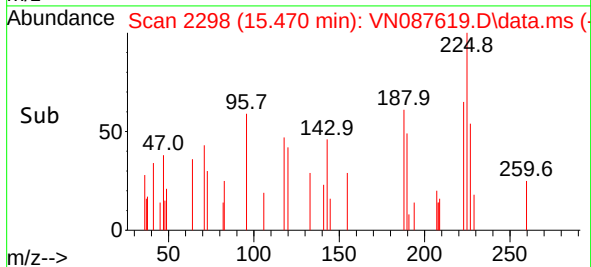
Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025

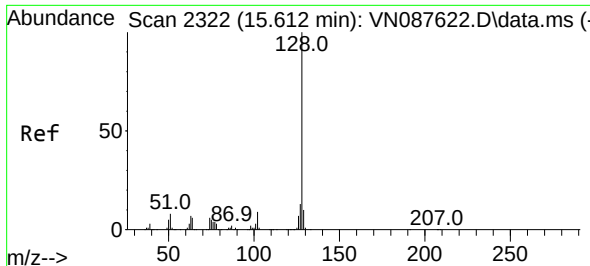


#94  
Hexachlorobutadiene  
Concen: 1.230 ug/l  
RT: 15.470 min Scan# 2298  
Delta R.T. -0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09



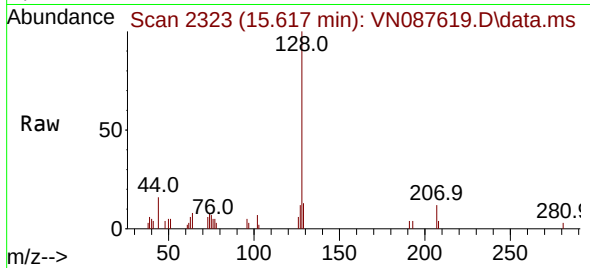
Tgt Ion:225 Resp: 1637  
Ion Ratio Lower Upper  
225 100  
223 65.7 32.0 96.2  
227 61.3 32.1 96.5





#95  
Naphthalene  
Concen: 1.054 ug/l  
RT: 15.617 min Scan# 2322  
Delta R.T. 0.006 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09

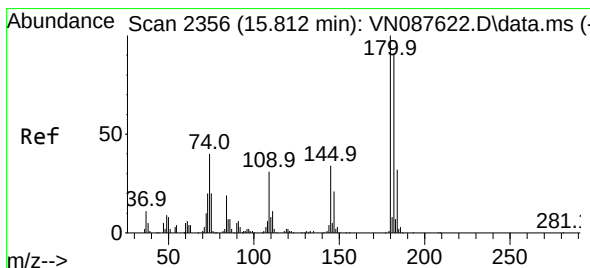
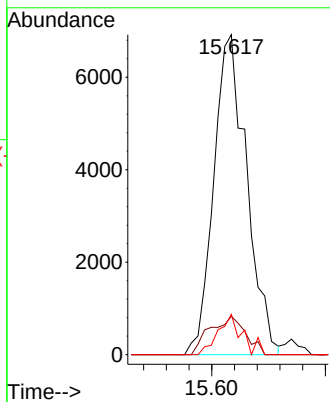
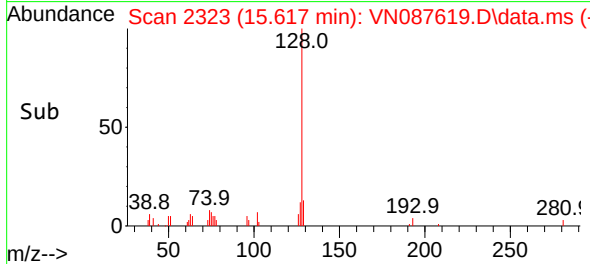
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



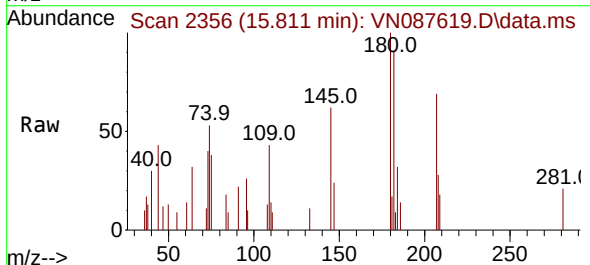
Tgt Ion:128 Resp: 13934  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.6 15.8  
129 9.3 8.6 12.8

Manual Integrations  
APPROVED

Reviewed By :John Carlone 08/22/2025  
Supervised By :Mahesh Dadoda 08/25/2025



#96  
1,2,3-Trichlorobenzene  
Concen: 1.091 ug/l  
RT: 15.811 min Scan# 2356  
Delta R.T. -0.000 min  
Lab File: VN087619.D  
Acq: 21 Aug 2025 12:09



Tgt Ion:180 Resp: 3983  
Ion Ratio Lower Upper  
180 100  
182 100.9 46.8 140.3  
145 45.7 17.3 52.0

