

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092325\  
 Data File : VN087923.D  
 Acq On : 23 Sep 2025 08:51  
 Operator : JC\MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Quant Time: Sep 24 01:54:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092325W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 01:53:45 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 09/24/2025  
 Supervised By : Mahesh Dadoda 09/26/2025

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.206  | 168  | 189780   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.082  | 114  | 370813   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.841 | 117  | 340378   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152  | 155283   | 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   | 2.148 | 85  | 2403   | 1.077 | ug/l   | 83     |
| 3) Chloromethane             | 2.377 | 50  | 2762   | 1.183 | ug/l   | 99     |
| 4) Vinyl Chloride            | 2.536 | 62  | 3015   | 1.248 | ug/l # | 71     |
| 6) Chloroethane              | 3.142 | 64  | 2064   | 1.300 | ug/l   | 97     |
| 7) Trichlorofluoromethane    | 3.512 | 101 | 4920   | 1.250 | ug/l   | 97     |
| 8) Diethyl Ether             | 3.953 | 74  | 1946   | 1.296 | ug/l   | 77     |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 2974   | 1.388 | ug/l # | 47     |
| 12) 1,1-Dichloroethene       | 4.347 | 96  | 2744   | 1.295 | ug/l # | 66     |
| 14) Allyl chloride           | 5.024 | 41  | 4226   | 1.240 | ug/l # | 76     |
| 15) Acrylonitrile            | 5.706 | 53  | 7184   | 4.982 | ug/l # | 83     |
| 16) Acetone                  | 4.418 | 43  | 9177m  | 6.381 | ug/l   |        |
| 17) Carbon Disulfide         | 4.700 | 76  | 8104   | 1.239 | ug/l # | 93     |
| 18) Methyl Acetate           | 5.012 | 43  | 3695m  | 1.086 | ug/l   |        |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 7962   | 1.019 | ug/l # | 88     |
| 20) Methylene Chloride       | 5.265 | 84  | 5055   | 1.652 | ug/l   | 91     |
| 21) trans-1,2-Dichloroethene | 5.765 | 96  | 3650   | 1.380 | ug/l   | 85     |
| 22) Diisopropyl ether        | 6.671 | 45  | 7385   | 0.979 | ug/l # | 88     |
| 23) Vinyl Acetate            | 6.600 | 43  | 28865m | 4.310 | ug/l   |        |
| 24) 1,1-Dichloroethane       | 6.553 | 63  | 5776   | 1.242 | ug/l # | 81     |
| 25) 2-Butanone               | 7.471 | 43  | 11009  | 5.395 | ug/l # | 85     |
| 26) 2,2-Dichloropropane      | 7.459 | 77  | 4425   | 1.102 | ug/l   | 87     |
| 27) cis-1,2-Dichloroethene   | 7.471 | 96  | 3325   | 1.117 | ug/l   | 96     |
| 28) Bromochloromethane       | 7.806 | 49  | 2179m  | 0.920 | ug/l   |        |
| 29) Tetrahydrofuran          | 7.835 | 42  | 6472   | 5.027 | ug/l   | 96     |
| 30) Chloroform               | 7.953 | 83  | 6607   | 1.287 | ug/l   | 86     |
| 32) 1,1,1-Trichloroethane    | 8.147 | 97  | 5182   | 1.213 | ug/l # | 52     |
| 36) 1,1-Dichloropropene      | 8.359 | 75  | 3667m  | 1.105 | ug/l   |        |
| 37) Ethyl Acetate            | 7.547 | 43  | 4209m  | 0.994 | ug/l   |        |
| 38) Carbon Tetrachloride     | 8.347 | 117 | 4674   | 1.206 | ug/l   | 99     |
| 39) Methylcyclohexane        | 9.588 | 83  | 4046   | 1.108 | ug/l # | 80     |
| 40) Benzene                  | 8.588 | 78  | 12110  | 1.106 | ug/l # | 78     |
| 41) Methacrylonitrile        | 7.753 | 41  | 2438   | 1.090 | ug/l # | 78     |
| 42) 1,2-Dichloroethane       | 8.653 | 62  | 4859   | 1.173 | ug/l   | 88     |
| 43) Isopropyl Acetate        | 8.671 | 43  | 6757   | 1.008 | ug/l   | 95     |
| 44) Trichloroethene          | 9.330 | 130 | 2904   | 1.109 | ug/l   | 88     |
| 45) 1,2-Dichloropropane      | 9.600 | 63  | 2808   | 1.037 | ug/l   | 97     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092325\  
 Data File : VN087923.D  
 Acq On : 23 Sep 2025 08:51  
 Operator : JC\MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC001

Manual Integrations  
 APPROVED

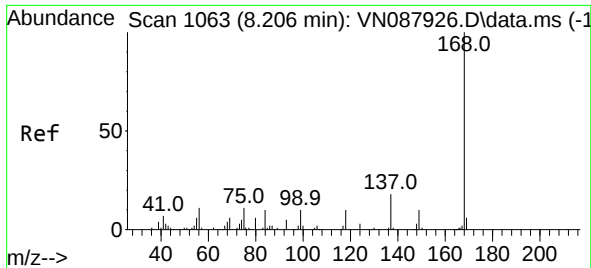
Reviewed By : John Carlone 09/24/2025  
 Supervised By : Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 01:54:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092325W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 01:53:45 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) Dibromomethane            | 9.694  | 93   | 2588     | 1.177  | ug/l   | 87       |
| 47) Bromodichloromethane      | 9.871  | 83   | 4541     | 1.075  | ug/l # | 89       |
| 48) Methyl methacrylate       | 9.671  | 41   | 2663     | 0.880  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.682  | 88   | 1066m    | 22.665 | ug/l   |          |
| 51) 4-Methyl-2-Pentanone      | 10.424 | 43   | 18862    | 4.591  | ug/l   | 91       |
| 52) Toluene                   | 10.606 | 92   | 5641     | 0.862  | ug/l   | 92       |
| 53) t-1,3-Dichloropropene     | 10.818 | 75   | 3973     | 0.944  | ug/l   | 89       |
| 54) cis-1,3-Dichloropropene   | 10.288 | 75   | 4496     | 1.014  | ug/l # | 78       |
| 55) 1,1,2-Trichloroethane     | 10.994 | 97   | 2978     | 1.073  | ug/l # | 63       |
| 56) Ethyl methacrylate        | 10.859 | 69   | 2656     | 0.711  | ug/l # | 76       |
| 57) 1,3-Dichloropropane       | 11.135 | 76   | 4980     | 1.088  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 10.141 | 63   | 5035     | 2.934  | ug/l   | 91       |
| 59) 2-Hexanone                | 11.182 | 43   | 9429m    | 3.656  | ug/l   |          |
| 60) Dibromochloromethane      | 11.335 | 129  | 3378     | 1.042  | ug/l   | 88       |
| 61) 1,2-Dibromoethane         | 11.447 | 107  | 3384     | 1.137  | ug/l   | 88       |
| 64) Tetrachloroethene         | 11.076 | 164  | 2615     | 1.209  | ug/l # | 75       |
| 65) Chlorobenzene             | 11.871 | 112  | 8499     | 1.140  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.941 | 131  | 3193     | 1.179  | ug/l # | 63       |
| 67) Ethyl Benzene             | 11.947 | 91   | 11878    | 0.986  | ug/l # | 85       |
| 68) m/p-Xylenes               | 12.047 | 106  | 9100     | 1.974  | ug/l   | 92       |
| 69) o-Xylene                  | 12.382 | 106  | 3516     | 0.820  | ug/l   | 92       |
| 70) Styrene                   | 12.388 | 104  | 5579     | 0.766  | ug/l   | 98       |
| 71) Bromoform                 | 12.565 | 173  | 2060     | 0.977  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.665 | 105  | 9586     | 0.997  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.923 | 83   | 4308     | 1.194  | ug/l # | 87       |
| 76) 1,2,3-Trichloropropane    | 12.976 | 75   | 2733m    | 0.637  | ug/l   |          |
| 77) Bromobenzene              | 12.953 | 156  | 2363m    | 0.923  | ug/l   |          |
| 78) n-propylbenzene           | 13.018 | 91   | 11177    | 0.940  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.100 | 91   | 8381     | 1.117  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 13.147 | 105  | 7295     | 0.895  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.206 | 91   | 7377     | 0.999  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.417 | 119  | 6715     | 0.961  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 7000     | 0.845  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 13.594 | 105  | 8356     | 0.835  | ug/l   | 91       |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 7444     | 0.872  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 13.712 | 146  | 5021     | 1.004  | ug/l   | 93       |
| 88) 1,4-Dichlorobenzene       | 13.794 | 146  | 7096m    | 1.299  | ug/l   |          |
| 89) n-Butylbenzene            | 14.035 | 91   | 7822     | 0.955  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.312 | 117  | 2359     | 1.231  | ug/l   | 78       |
| 91) 1,2-Dichlorobenzene       | 14.094 | 146  | 5339     | 1.089  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 795      | 0.989  | ug/l   | 70       |
| 93) 1,2,4-Trichlorobenzene    | 15.370 | 180  | 3202     | 1.103  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.482 | 225  | 1478     | 1.321  | ug/l # | 35       |
| 95) Naphthalene               | 15.611 | 128  | 7710     | 0.867  | ug/l # | 90       |
| 96) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 2746     | 0.994  | ug/l # | 21       |

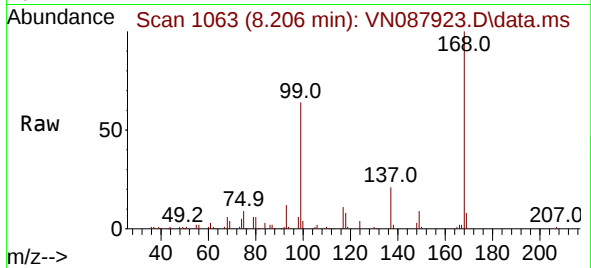
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

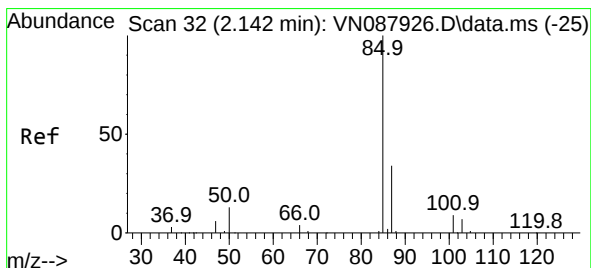
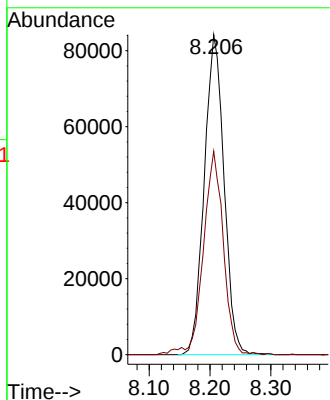
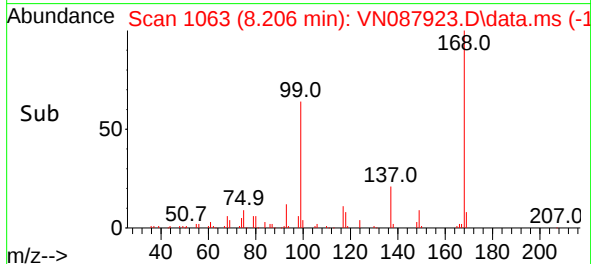
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:168 Resp: 189780  
Ion Ratio Lower Upper  
168 100  
99 63.6 52.2 78.2

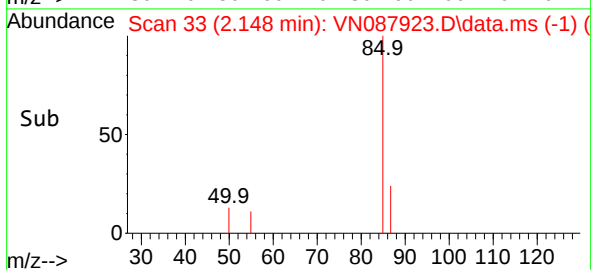
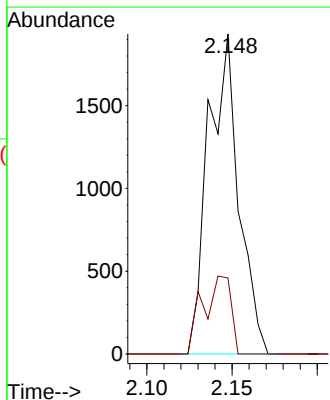
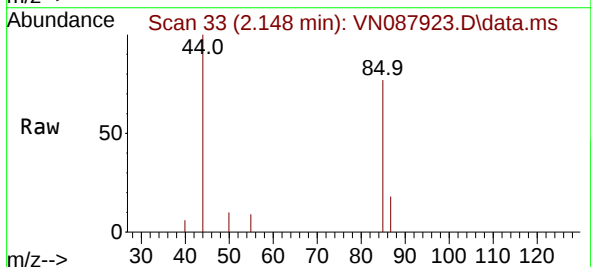
Manual Integrations  
APPROVED

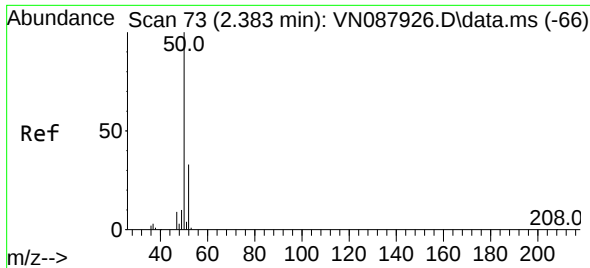
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#2  
Dichlorodifluoromethane  
Concen: 1.077 ug/l  
RT: 2.148 min Scan# 33  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

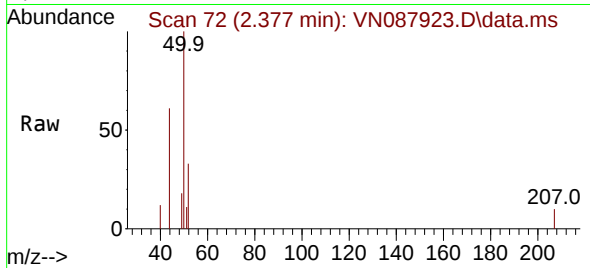
Tgt Ion: 85 Resp: 2403  
Ion Ratio Lower Upper  
85 100  
87 23.7 16.9 50.6





#3  
Chloromethane  
Concen: 1.183 ug/l  
RT: 2.377 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

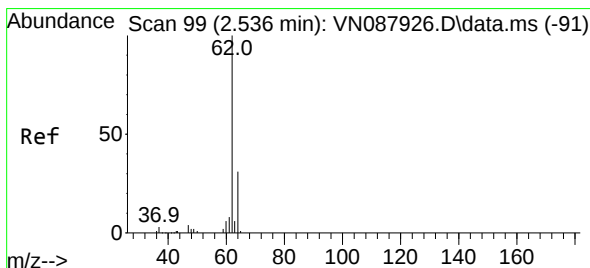
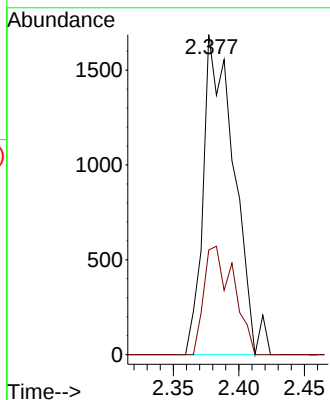
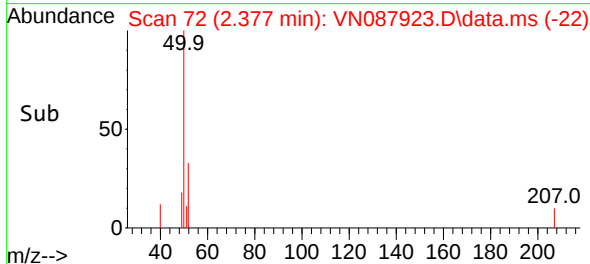
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



Tgt Ion: 50 Resp: 2762  
Ion Ratio Lower Upper  
50 100  
52 32.7 26.6 40.0

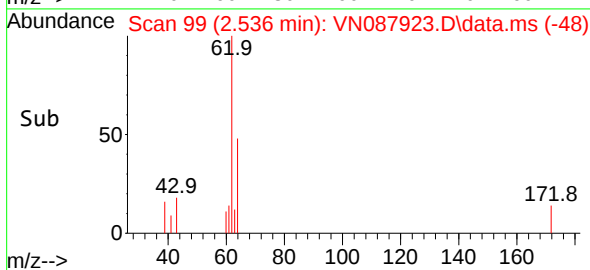
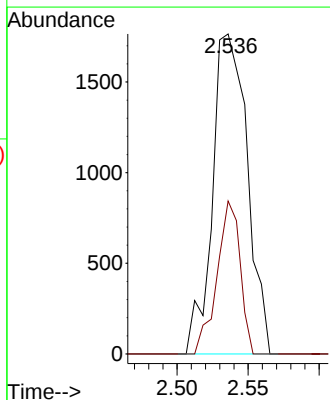
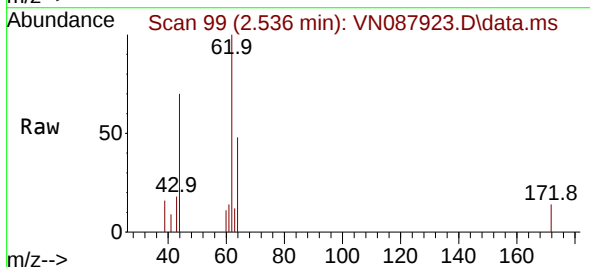
Manual Integrations  
APPROVED

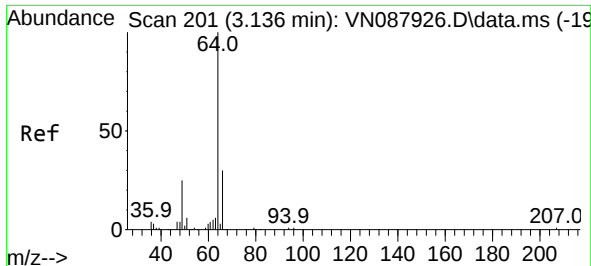
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#4  
Vinyl Chloride  
Concen: 1.248 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

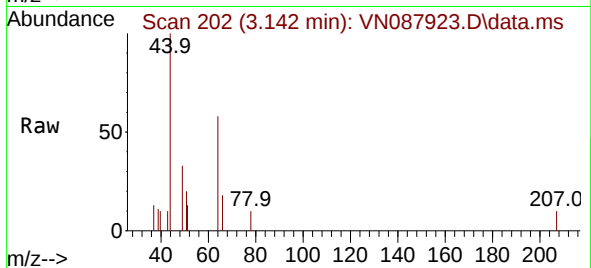
Tgt Ion: 62 Resp: 3015  
Ion Ratio Lower Upper  
62 100  
64 47.8 25.2 37.8





#6  
Chloroethane  
Concen: 1.300 ug/l  
RT: 3.142 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

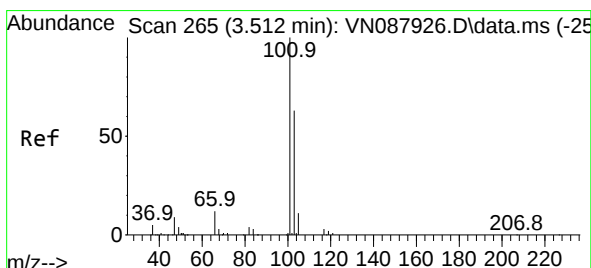
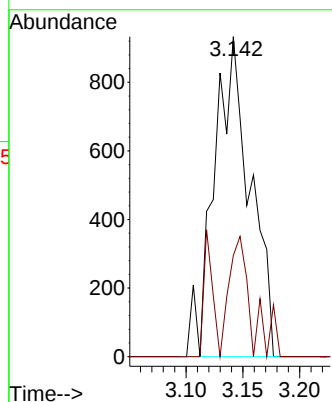
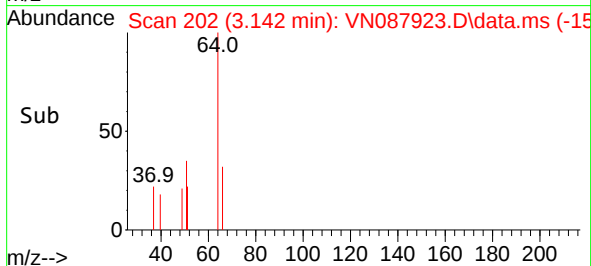
Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDIC001



Tgt Ion: 64 Resp: 2064  
Ion Ratio Lower Upper  
64 100  
66 31.6 23.8 35.8

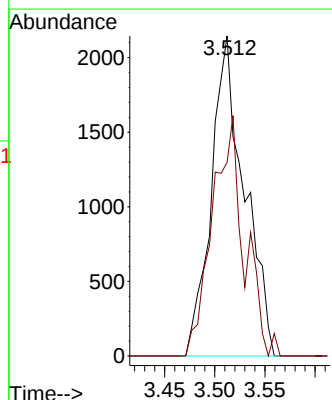
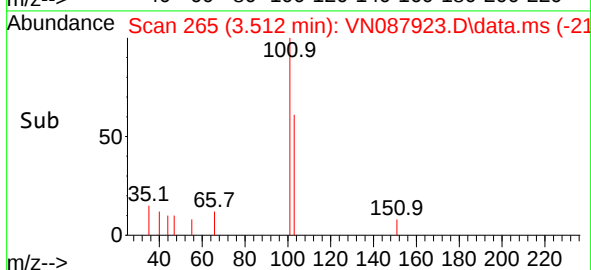
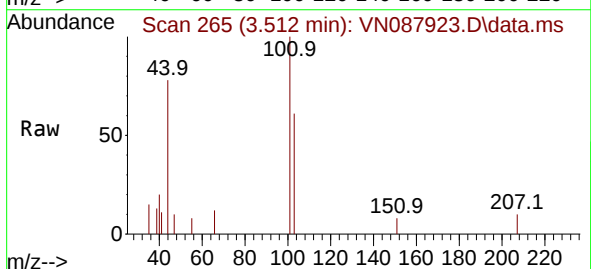
Manual Integrations  
APPROVED

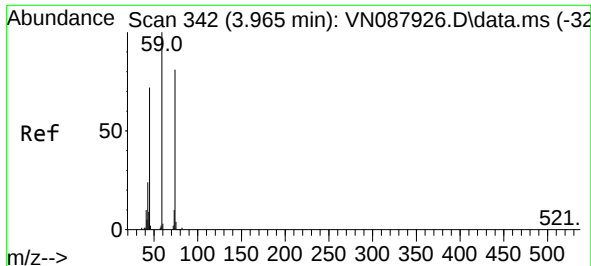
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#7  
Trichlorofluoromethane  
Concen: 1.250 ug/l  
RT: 3.512 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

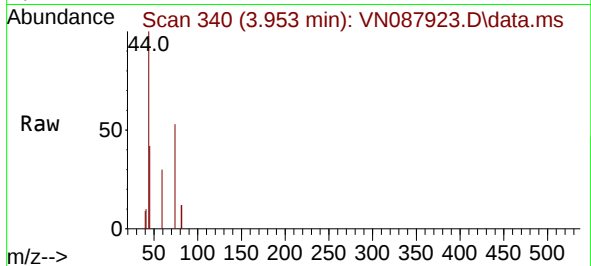
Tgt Ion:101 Resp: 4920  
Ion Ratio Lower Upper  
101 100  
103 60.5 50.2 75.4





#8  
Diethyl Ether  
Concen: 1.296 ug/l  
RT: 3.953 min Scan# 342  
Delta R.T. -0.012 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

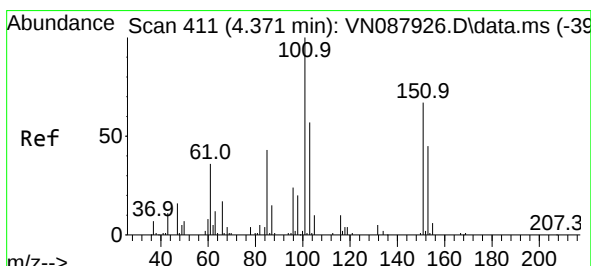
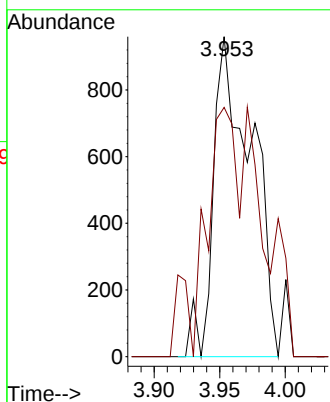
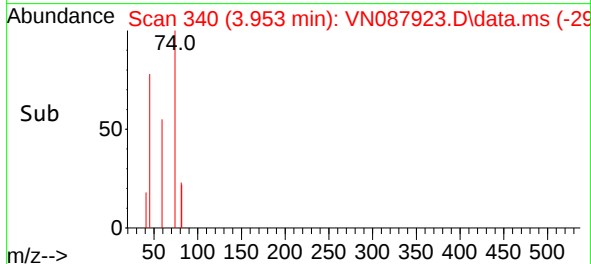
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 74 Resp: 1940  
Ion Ratio Lower Upper  
74 100  
45 69.0 45.4 136.1

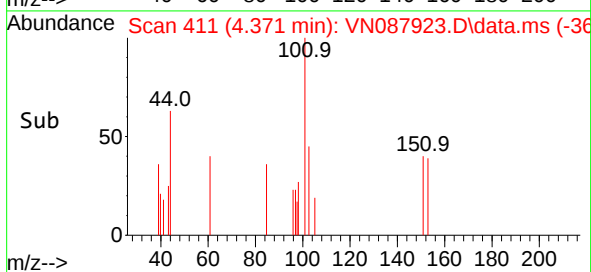
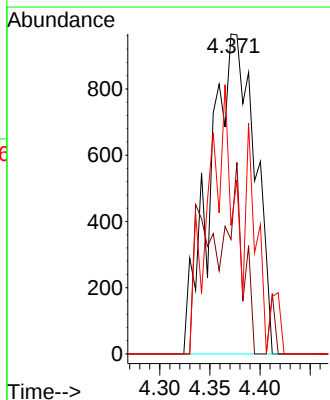
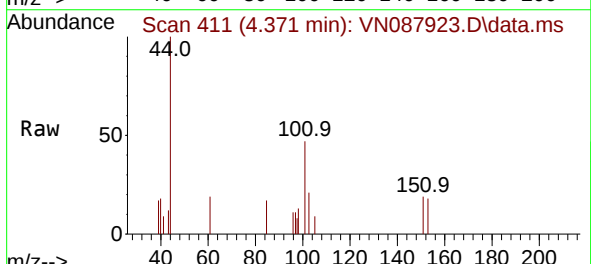
Manual Integrations  
APPROVED

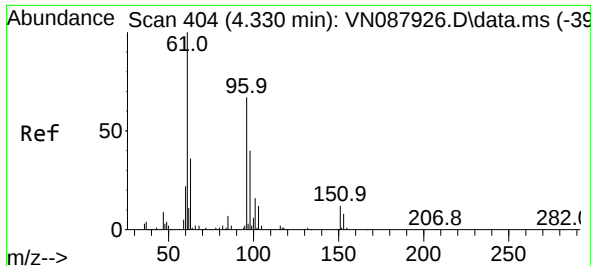
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.388 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

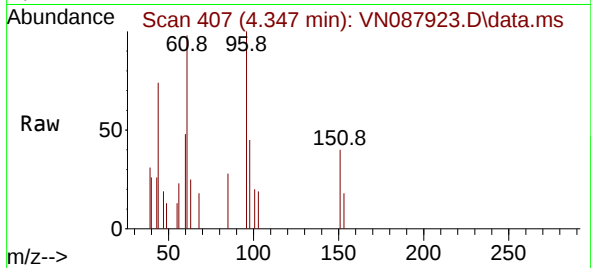
Tgt Ion:101 Resp: 2974  
Ion Ratio Lower Upper  
101 100  
85 21.3 36.5 54.7#  
151 20.8 58.6 87.8#





#12  
 1,1-Dichloroethene  
 Concen: 1.295 ug/l  
 RT: 4.347 min Scan# 407  
 Delta R.T. 0.018 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51

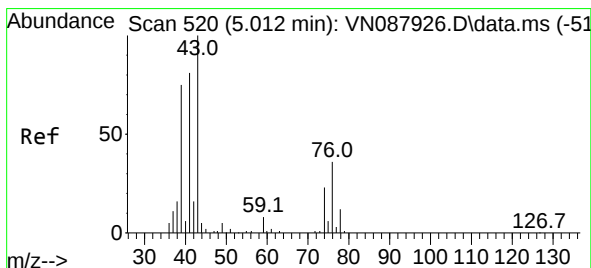
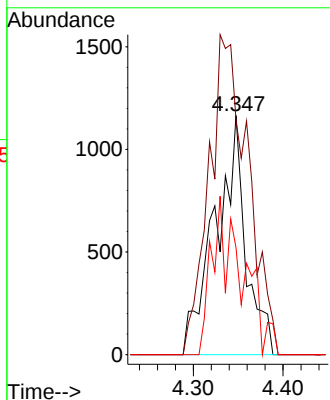
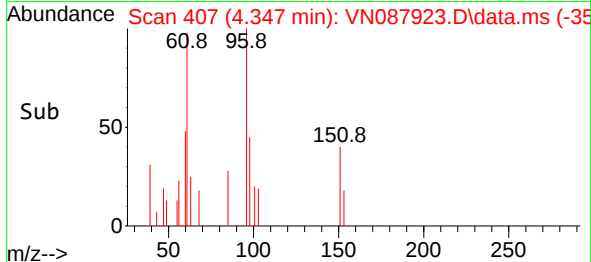
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



Tgt Ion: 96 Resp: 2744  
 Ion Ratio Lower Upper  
 96 100  
 61 98.5 119.2 178.8#  
 98 44.9 47.5 71.3#

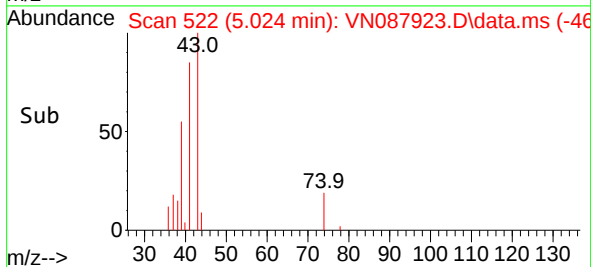
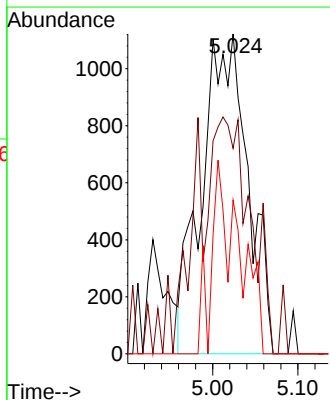
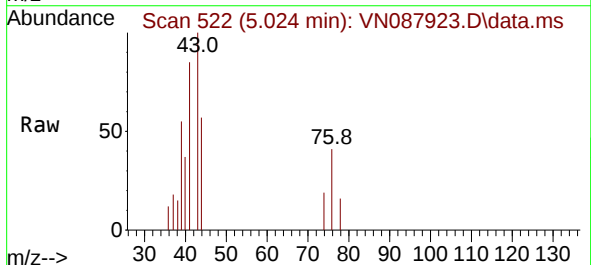
Manual Integrations  
 APPROVED

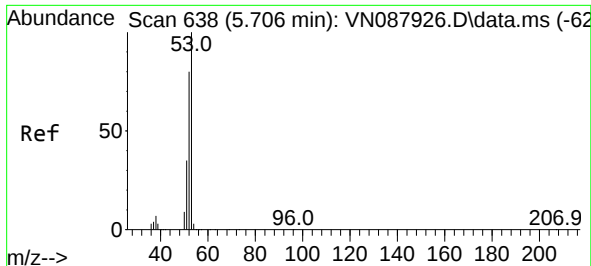
Reviewed By :John Carlone 09/24/2025  
 Supervised By :Mahesh Dadoda 09/26/2025



#14  
 Allyl chloride  
 Concen: 1.240 ug/l  
 RT: 5.024 min Scan# 522  
 Delta R.T. 0.012 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51

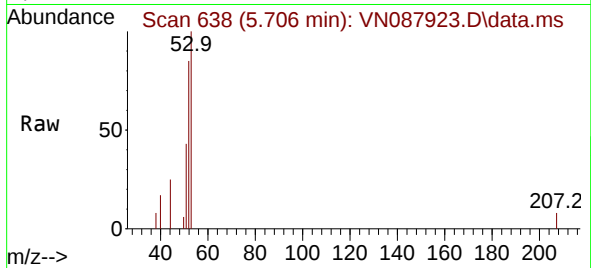
Tgt Ion: 41 Resp: 4226  
 Ion Ratio Lower Upper  
 41 100  
 39 63.8 63.8 95.8#  
 76 18.6 33.0 49.6#





#15  
Acrylonitrile  
Concen: 4.982 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

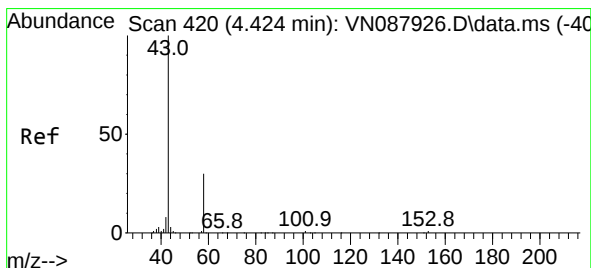
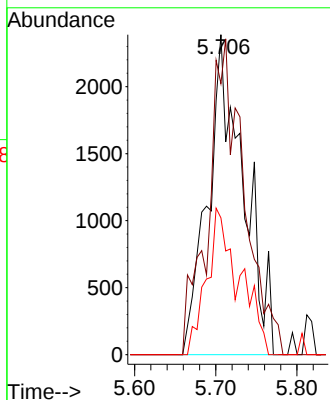
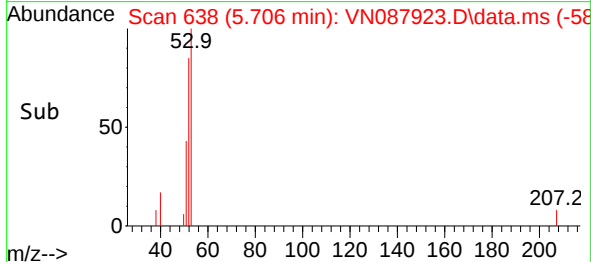
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



Tgt Ion: 53 Resp: 7184  
Ion Ratio Lower Upper  
53 100  
52 101.1 66.6 99.8  
51 42.5 29.0 43.4

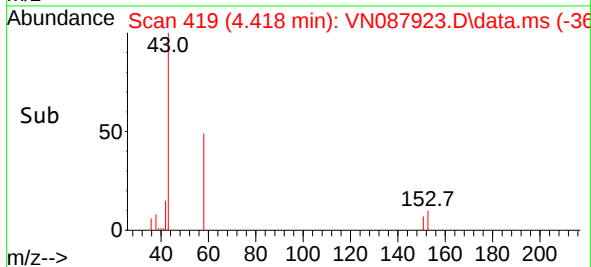
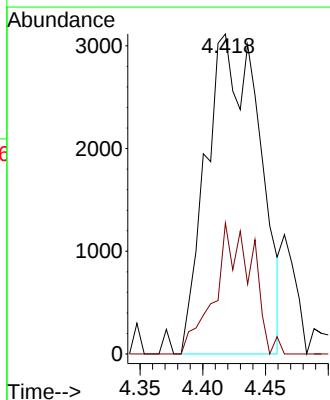
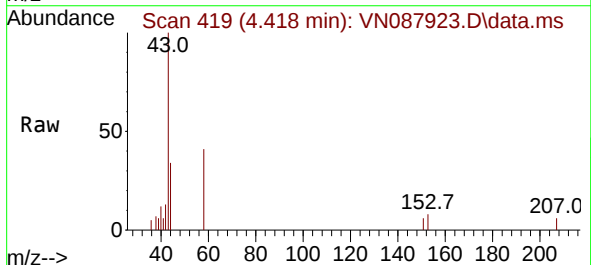
Manual Integrations  
APPROVED

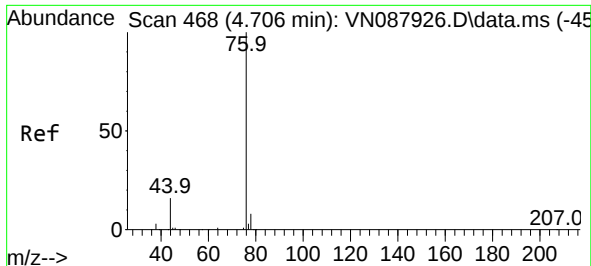
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#16  
Acetone  
Concen: 6.381 ug/l m  
RT: 4.418 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

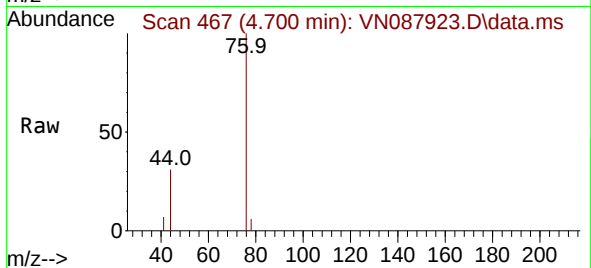
Tgt Ion: 43 Resp: 9177  
Ion Ratio Lower Upper  
43 100  
58 40.9 24.1 36.1#





#17  
Carbon Disulfide  
Concen: 1.239 ug/l  
RT: 4.700 min Scan# 467  
Delta R.T. -0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

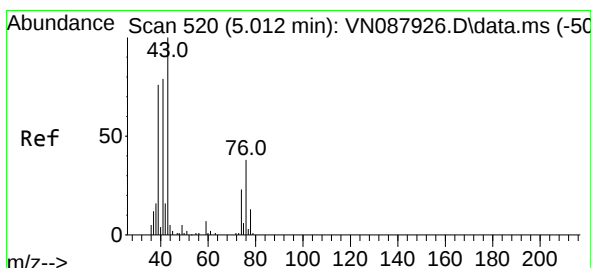
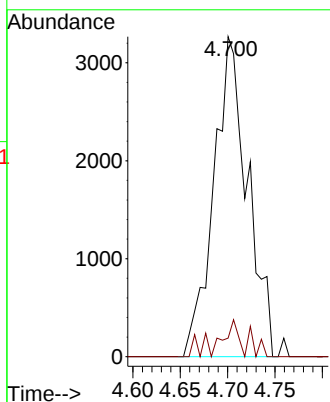
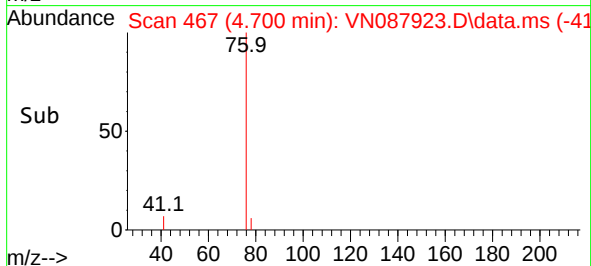
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



Tgt Ion: 76 Resp: 8104  
Ion Ratio Lower Upper  
76 100  
78 5.8 6.7 10.1

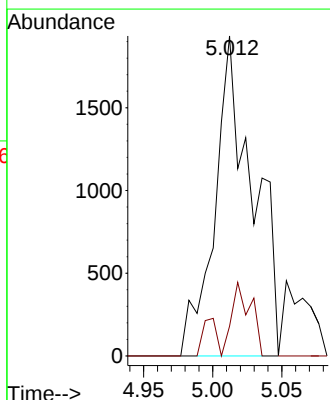
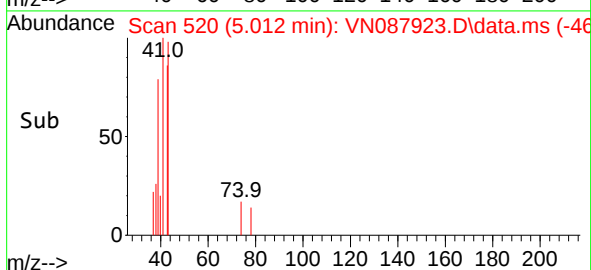
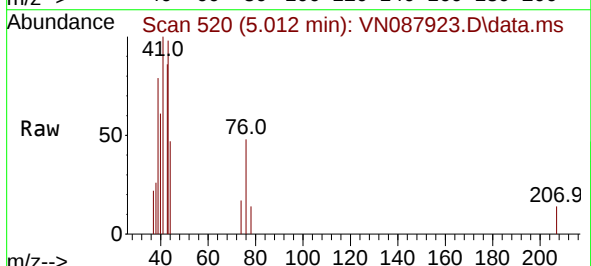
Manual Integrations  
APPROVED

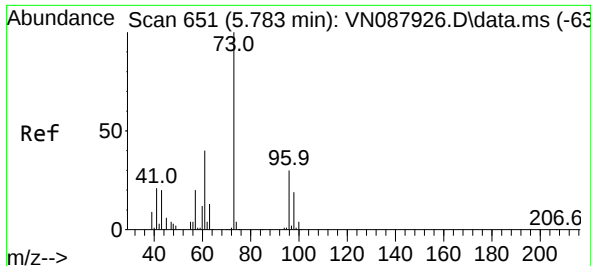
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#18  
Methyl Acetate  
Concen: 1.086 ug/l m  
RT: 5.012 min Scan# 520  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Tgt Ion: 43 Resp: 3695  
Ion Ratio Lower Upper  
43 100  
74 11.7 19.7 29.5





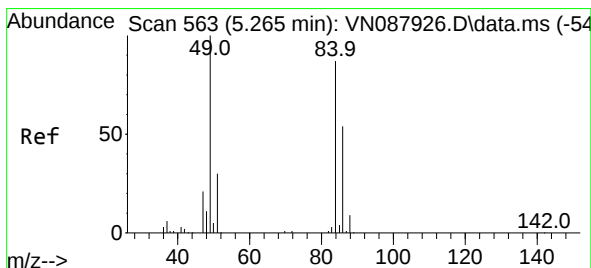
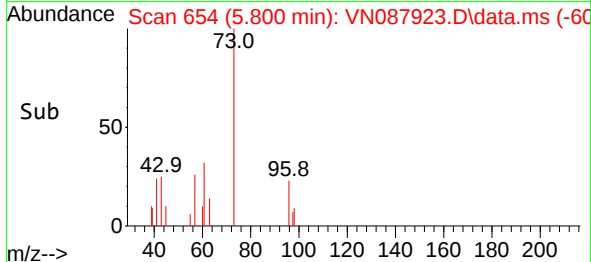
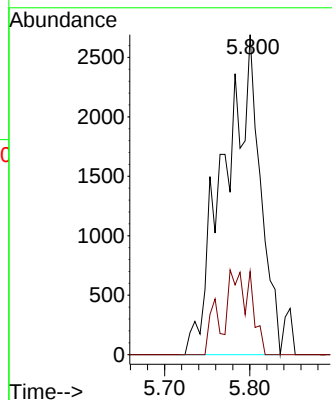
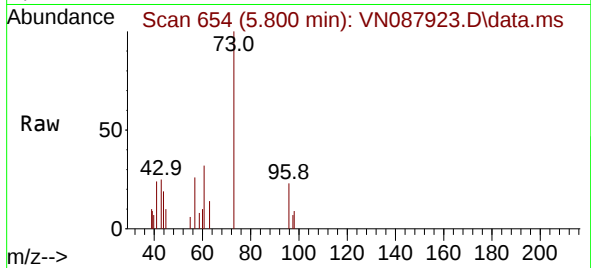
#19  
Methyl tert-butyl Ether  
Concen: 1.019 ug/l  
RT: 5.800 min Scan# 651  
Delta R.T. 0.018 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Tgt Ion: 73 Resp: 7962  
Ion Ratio Lower Upper  
73 100  
57 26.0 16.3 24.5

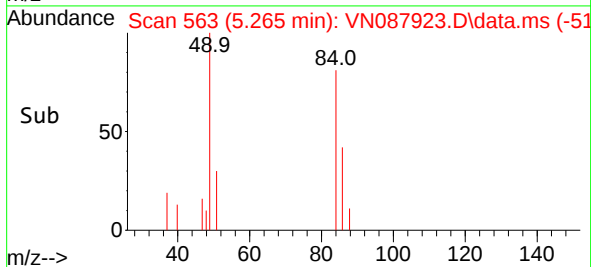
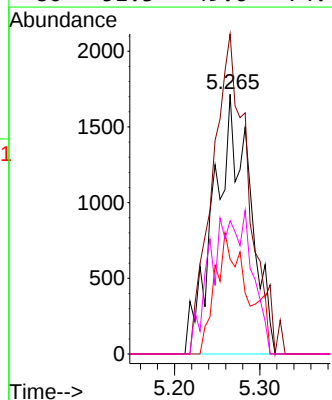
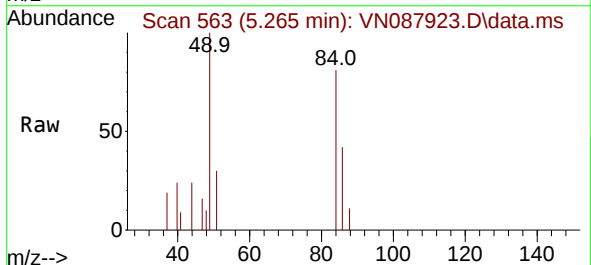
Manual Integrations  
APPROVED

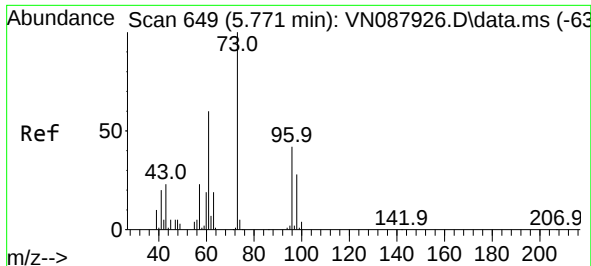
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#20  
Methylene Chloride  
Concen: 1.652 ug/l  
RT: 5.265 min Scan# 563  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

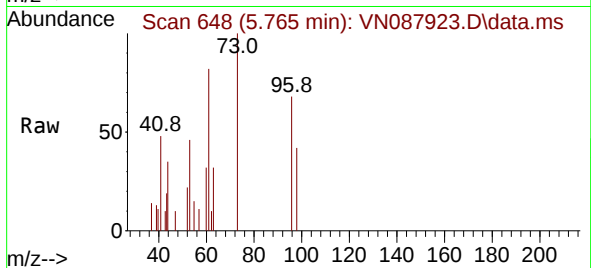
Tgt Ion: 84 Resp: 5055  
Ion Ratio Lower Upper  
84 100  
49 123.2 92.1 138.1  
51 36.4 27.7 41.5  
86 51.3 49.6 74.4





#21  
trans-1,2-Dichloroethene  
Concen: 1.380 ug/l  
RT: 5.765 min Scan# 649  
Delta R.T. -0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

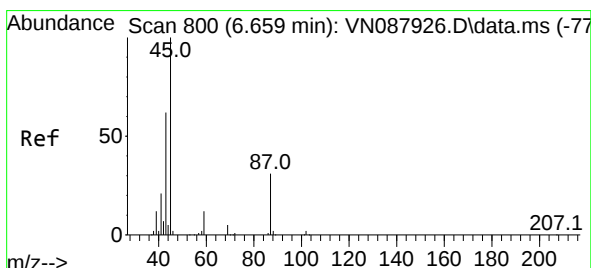
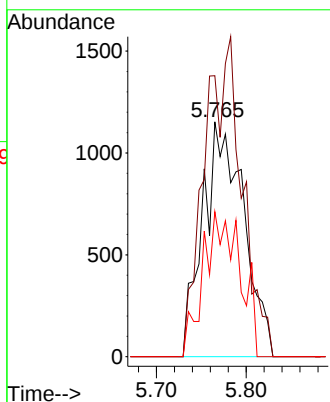
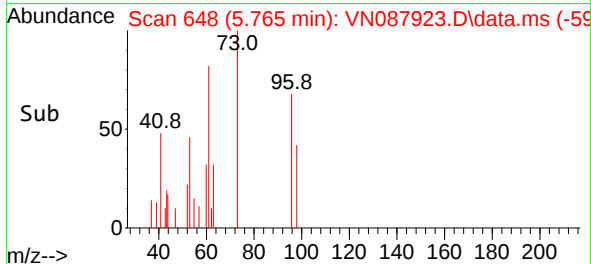
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



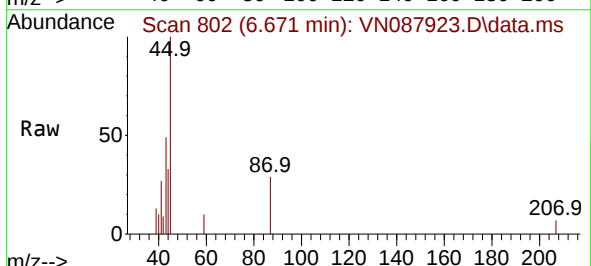
Tgt Ion: 96 Resp: 3650  
Ion Ratio Lower Upper  
96 100  
61 119.6 114.4 171.6  
98 61.8 53.6 80.4

Manual Integrations  
APPROVED

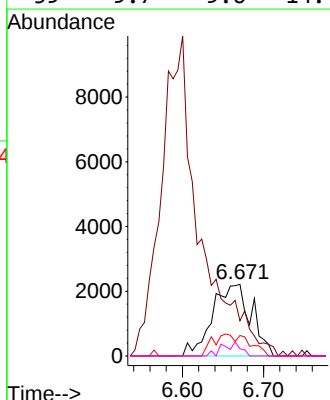
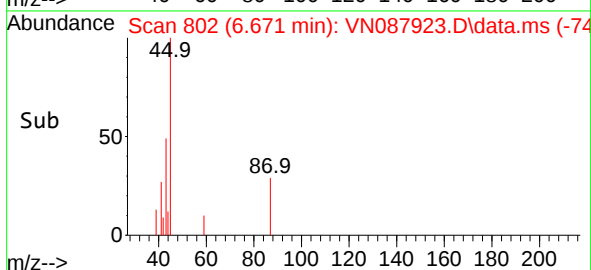
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

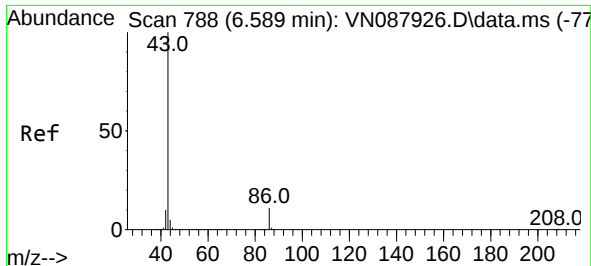


#22  
Diisopropyl ether  
Concen: 0.979 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.012 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51



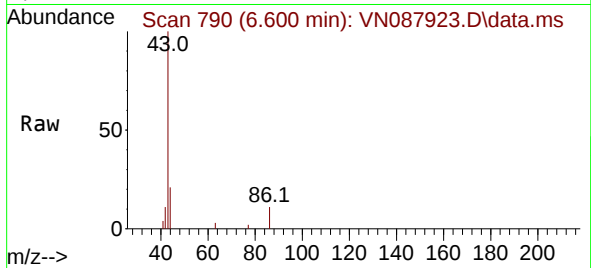
Tgt Ion: 45 Resp: 7385  
Ion Ratio Lower Upper  
45 100  
43 49.1 49.9 74.9#  
87 28.7 25.2 37.8  
59 9.7 9.6 14.4





#23  
 Vinyl Acetate  
 Concen: 4.310 ug/l m  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.012 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51

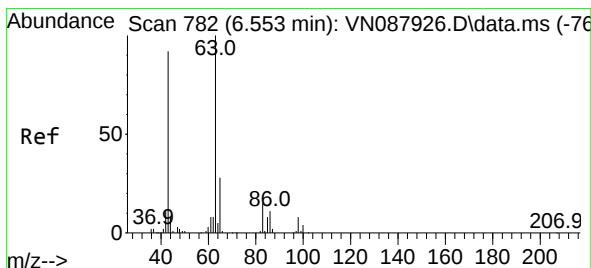
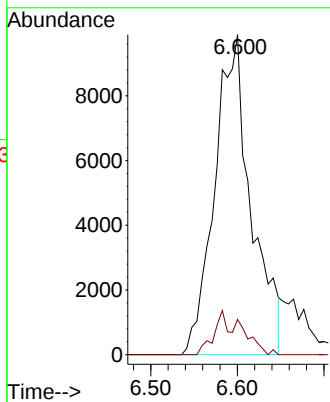
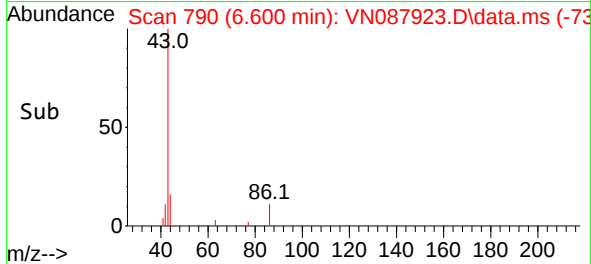
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



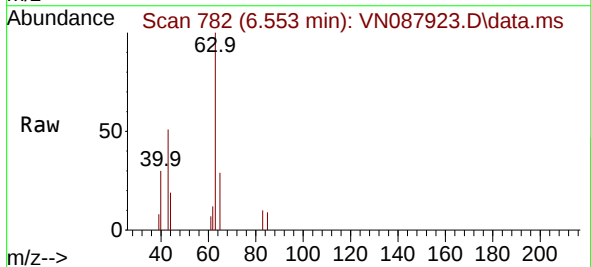
Tgt Ion: 43 Resp: 2886  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 8.6 12.8

Manual Integrations  
 APPROVED

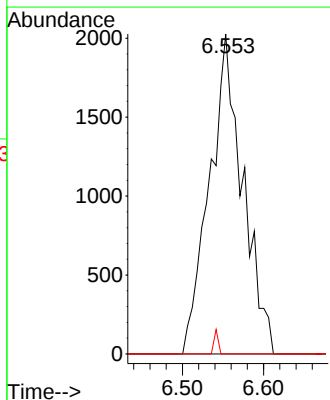
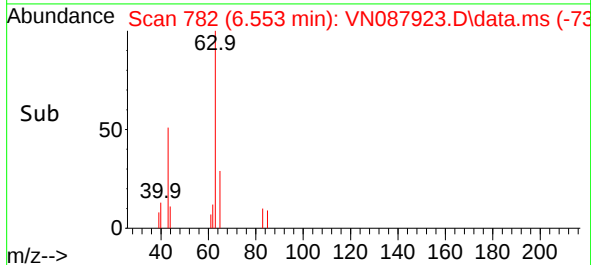
Reviewed By :John Carlone 09/24/2025  
 Supervised By :Mahesh Dadoda 09/26/2025

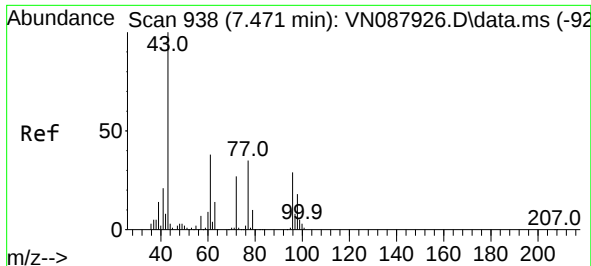


#24  
 1,1-Dichloroethane  
 Concen: 1.242 ug/l  
 RT: 6.553 min Scan# 782  
 Delta R.T. 0.000 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51



Tgt Ion: 63 Resp: 5776  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.9 11.5#  
 100 0.0 2.1 6.5#





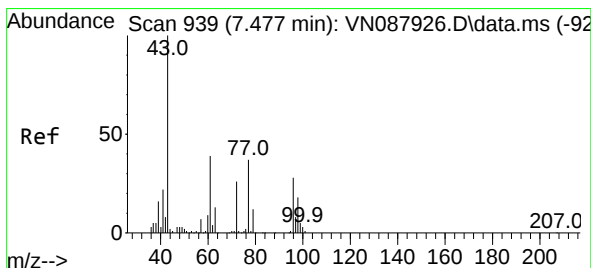
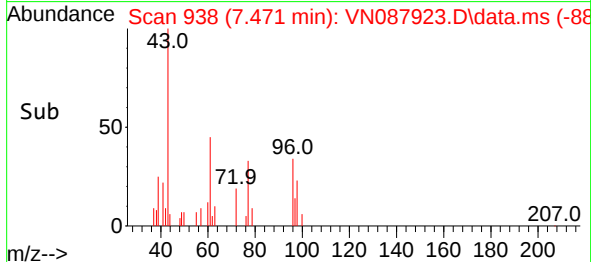
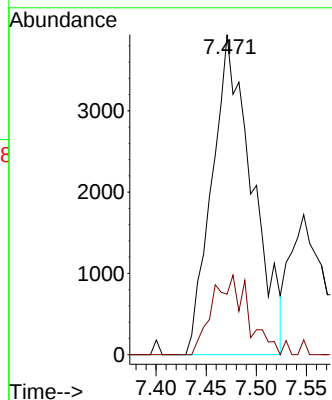
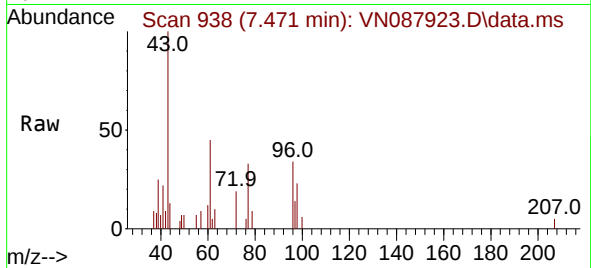
#25  
2-Butanone  
Concen: 5.395 ug/l  
RT: 7.471 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Tgt Ion: 43 Resp: 11009  
Ion Ratio Lower Upper  
43 100  
72 18.9 21.5 32.3

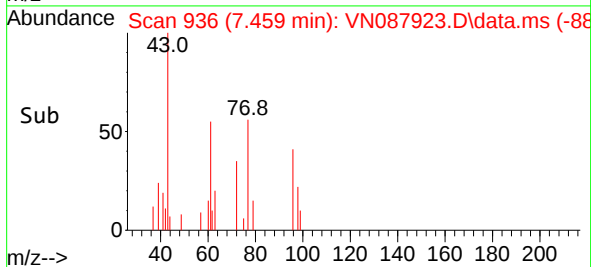
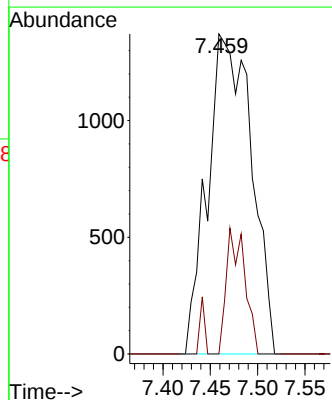
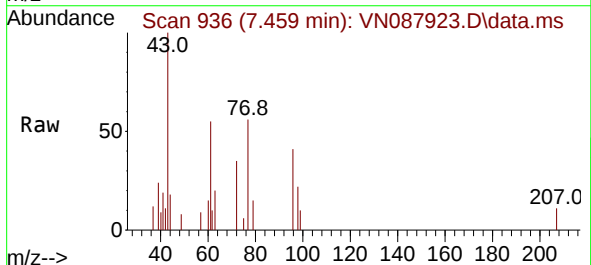
Manual Integrations  
APPROVED

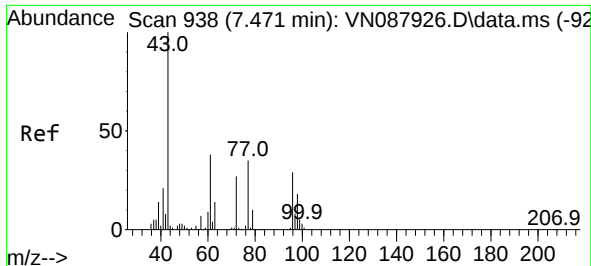
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#26  
2,2-Dichloropropane  
Concen: 1.102 ug/l  
RT: 7.459 min Scan# 936  
Delta R.T. -0.018 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

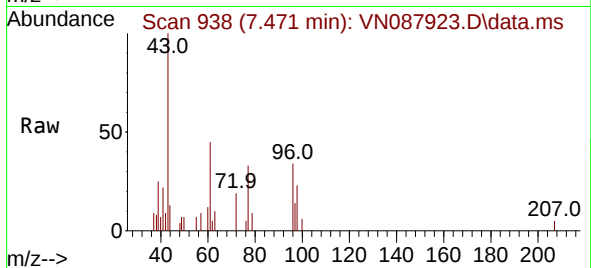
Tgt Ion: 77 Resp: 4425  
Ion Ratio Lower Upper  
77 100  
97 16.5 11.5 34.5





#27  
 cis-1,2-Dichloroethene  
 Concen: 1.117 ug/l  
 RT: 7.471 min Scan# 911  
 Delta R.T. -0.000 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51

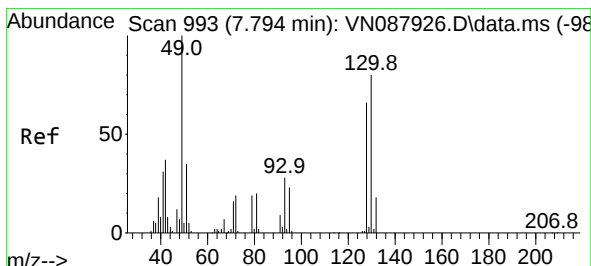
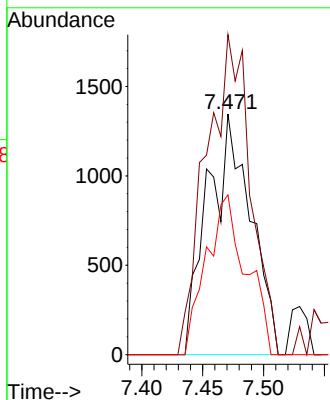
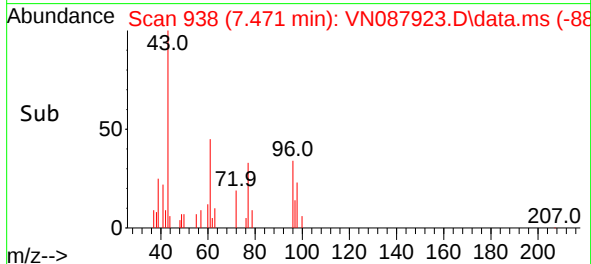
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



Tgt Ion: 96 Resp: 332  
 Ion Ratio Lower Upper  
 96 100  
 61 136.1 0.0 283.0  
 98 61.4 0.0 127.6

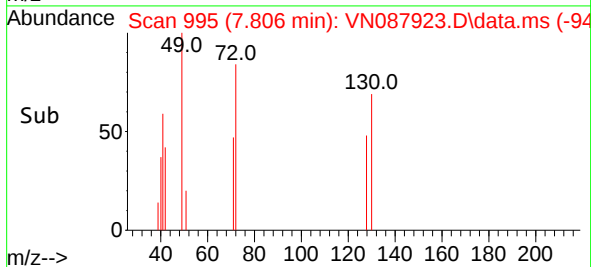
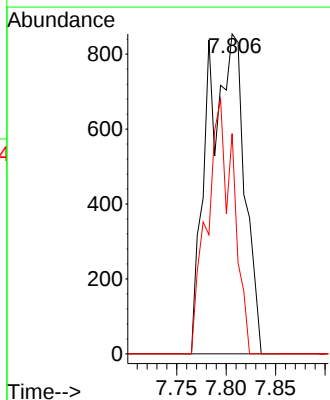
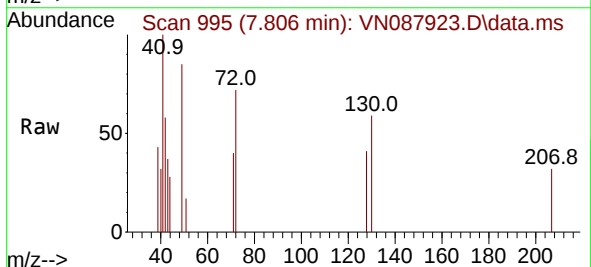
Manual Integrations  
 APPROVED

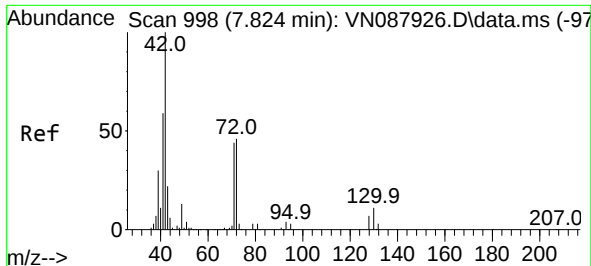
Reviewed By :John Carlone 09/24/2025  
 Supervised By :Mahesh Dadoda 09/26/2025



#28  
 Bromochloromethane  
 Concen: 0.920 ug/l m  
 RT: 7.806 min Scan# 995  
 Delta R.T. 0.012 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51

Tgt Ion: 49 Resp: 2179  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 5.4  
 130 57.3 62.6 94.0#





#29

Tetrahydrofuran

Concen: 5.027 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN087923.D

Acq: 23 Sep 2025 08:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

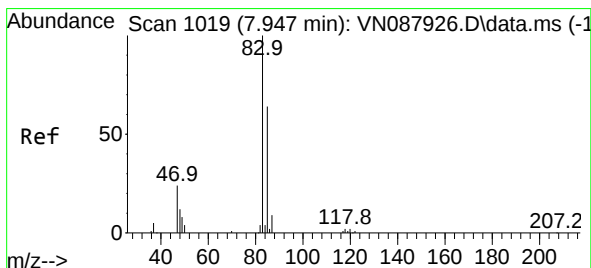
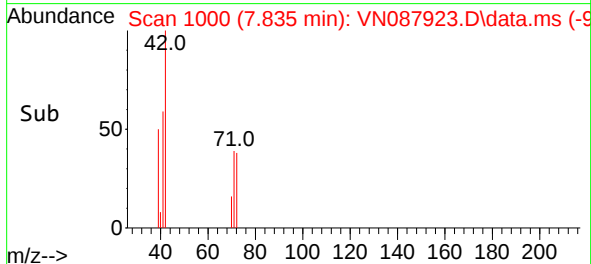
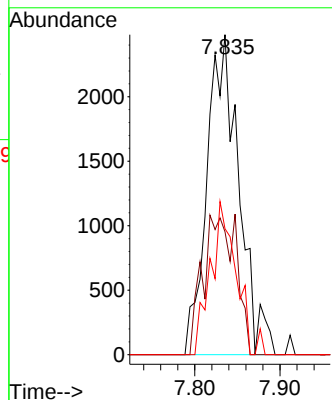
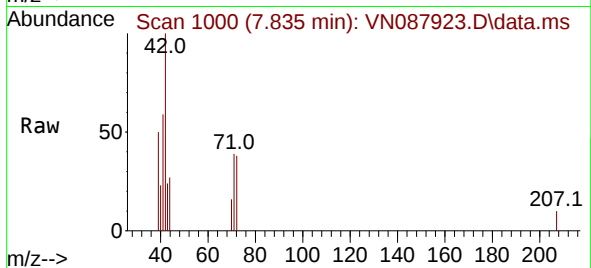
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 647  |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 45.3  | 36.5  | 54.7 |
| 71        | 37.1  | 33.8  | 50.8 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#30

Chloroform

Concen: 1.287 ug/l

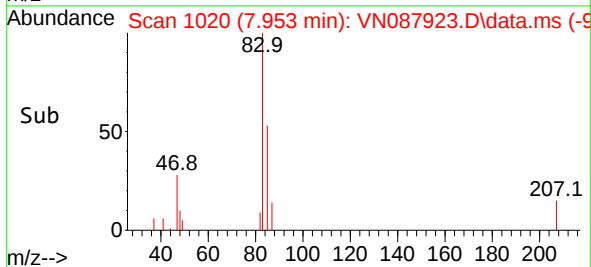
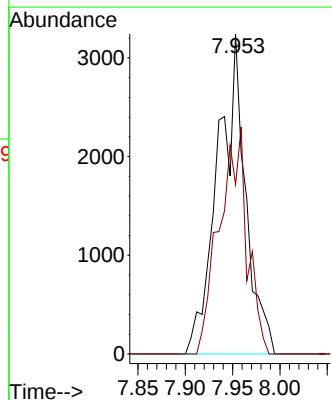
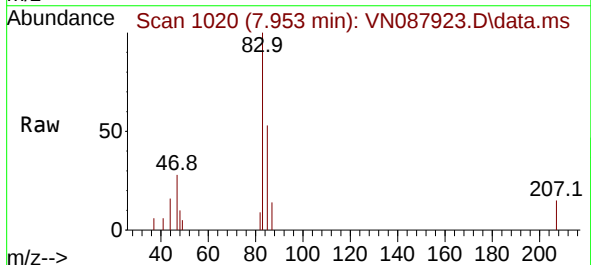
RT: 7.953 min Scan# 1020

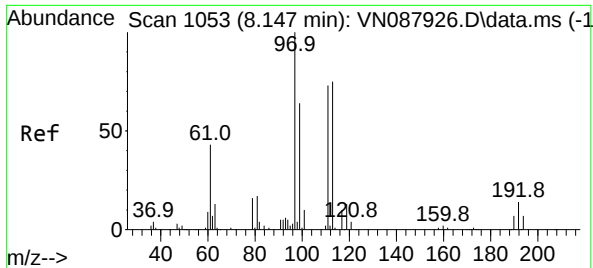
Delta R.T. 0.006 min

Lab File: VN087923.D

Acq: 23 Sep 2025 08:51

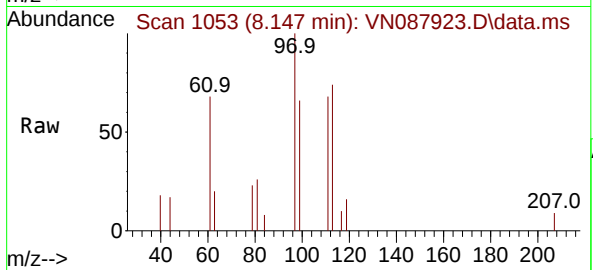
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 83    | Resp: | 6607 |
| Ion Ratio | Lower | Upper |      |
| 83        | 100   |       |      |
| 85        | 52.9  | 50.9  | 76.3 |





#32  
1,1,1-Trichloroethane  
Concen: 1.213 ug/l  
RT: 8.147 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

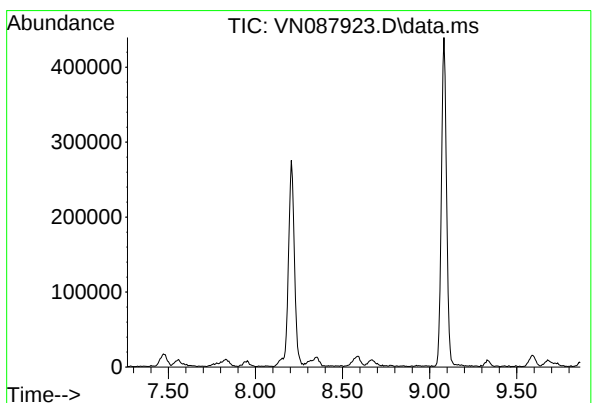
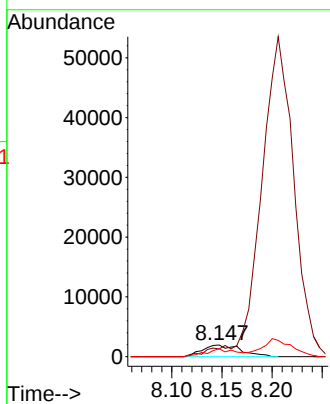
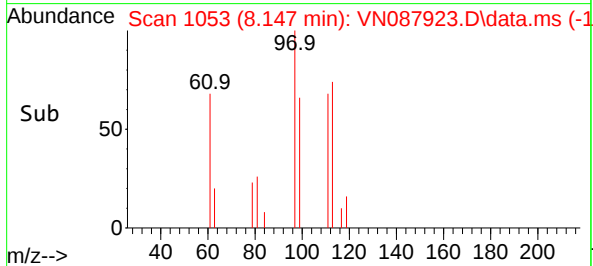
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 97 Resp: 518  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.1 76.7  
61 50.9 38.6 58.0

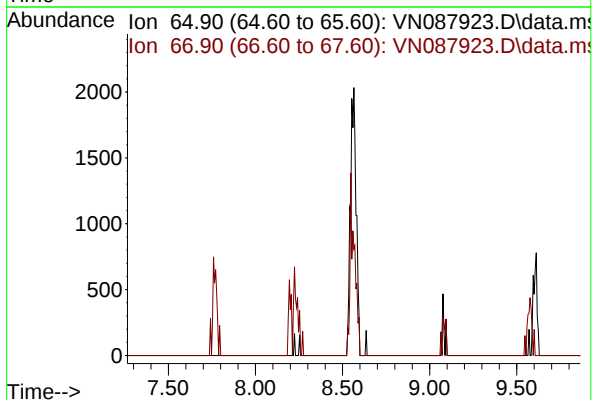
Manual Integrations  
APPROVED

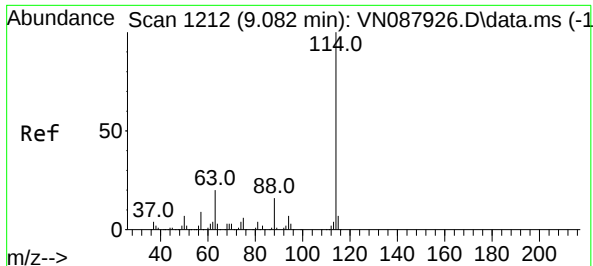
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
Expected RT: 8.56 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 51.7





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087923.D

Acq: 23 Sep 2025 08:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 37081

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

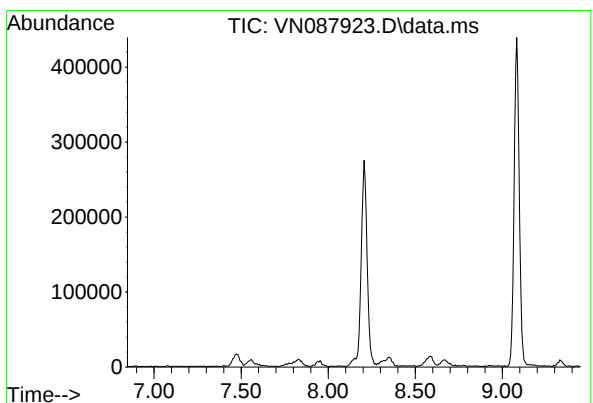
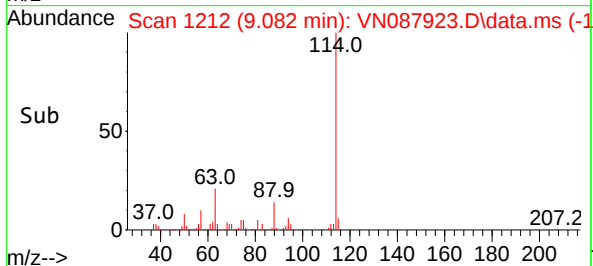
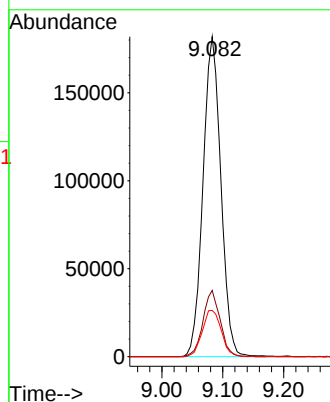
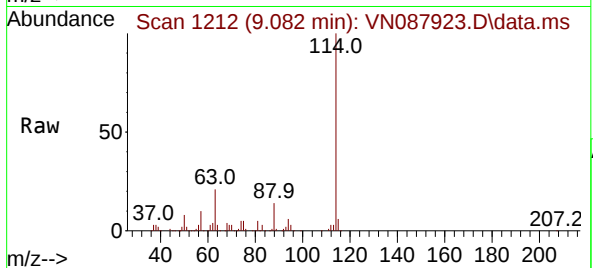
88 14.4 0.0 31.8

Manual Integrations

APPROVED

Reviewed By :John Carbone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.15 min

Lab File: VN087923.D

Acq: 23 Sep 2025 08:51

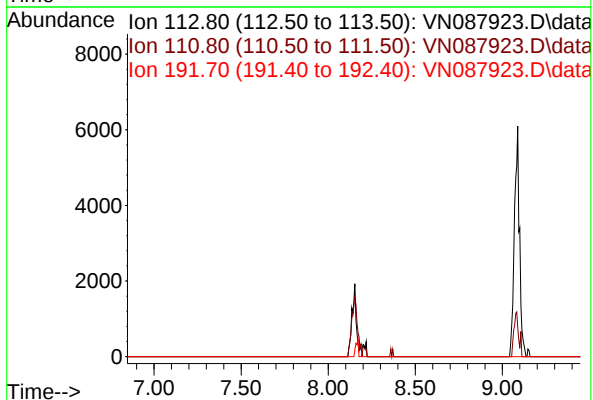
Tgt Ion: 113

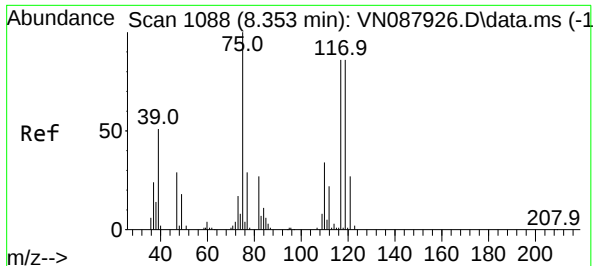
Sig Exp Ratio

113 100

111 102.7

192 17.7





#36

1,1-Dichloropropene

Concen: 1.105 ug/l m

RT: 8.359 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VN087923.D

Acq: 23 Sep 2025 08:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

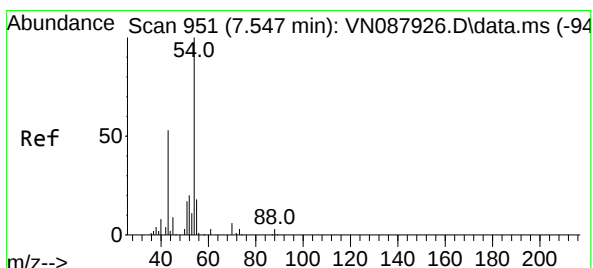
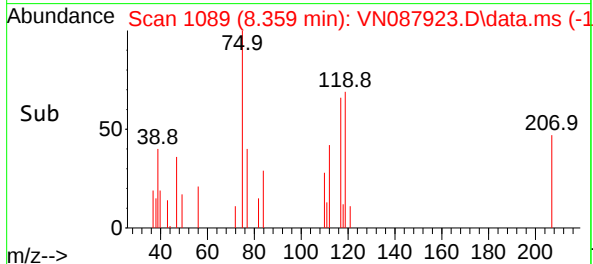
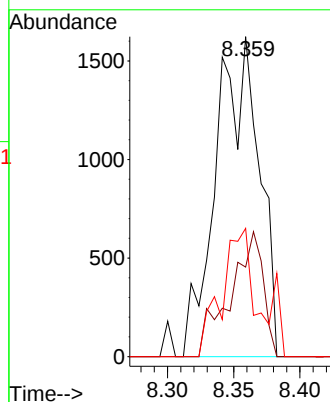
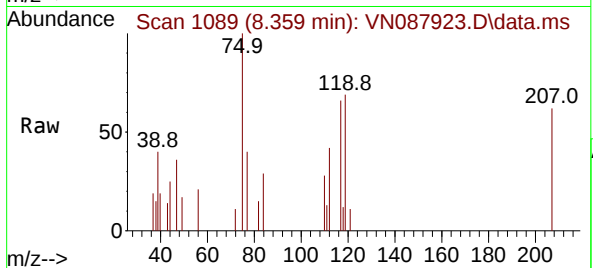
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 366   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 0.0   | 17.1  | 51.3  |
| 77       | 0.0   | 24.8  | 37.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#37

Ethyl Acetate

Concen: 0.994 ug/l m

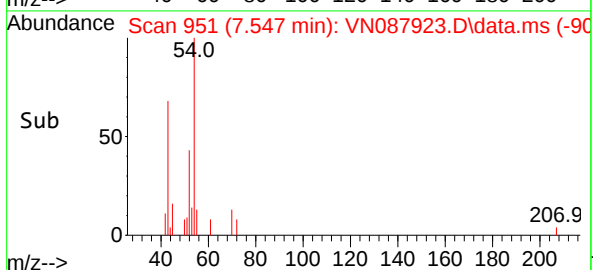
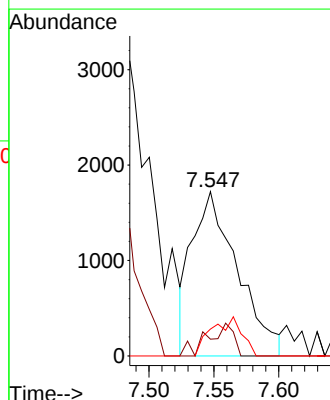
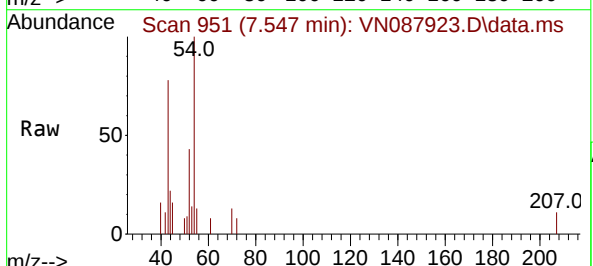
RT: 7.547 min Scan# 951

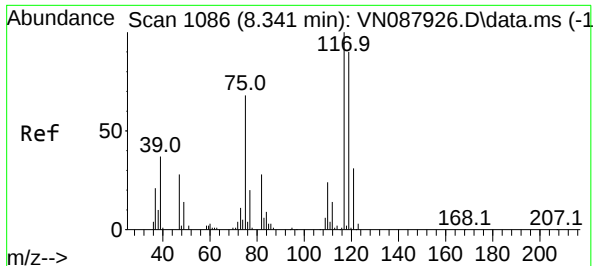
Delta R.T. 0.000 min

Lab File: VN087923.D

Acq: 23 Sep 2025 08:51

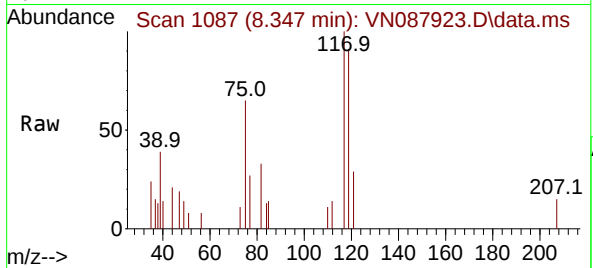
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4209  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 11.4  | 10.7  | 16.1  |
| 70       | 15.8  | 7.8   | 11.8  |





#38  
Carbon Tetrachloride  
Concen: 1.206 ug/l  
RT: 8.347 min Scan# 1086  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

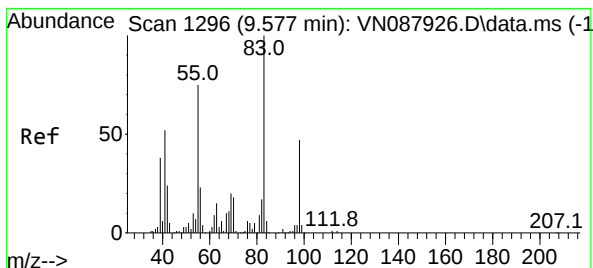
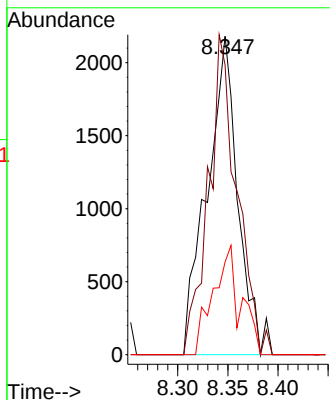
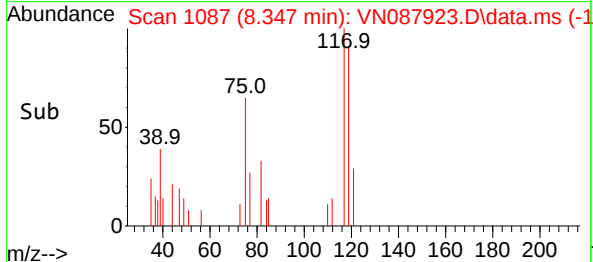
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



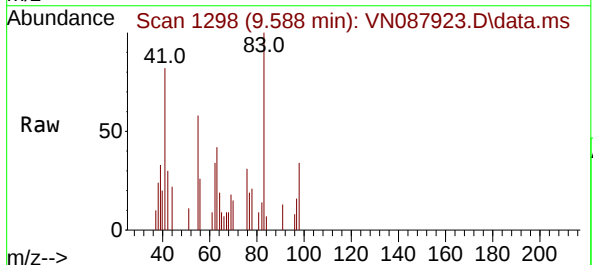
Tgt Ion: 117 Resp: 4674  
Ion Ratio Lower Upper  
117 100  
119 91.0 72.1 108.1  
121 29.1 24.6 36.8

Manual Integrations  
APPROVED

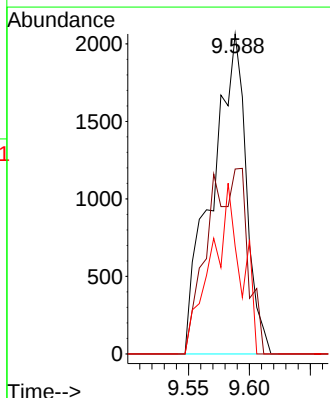
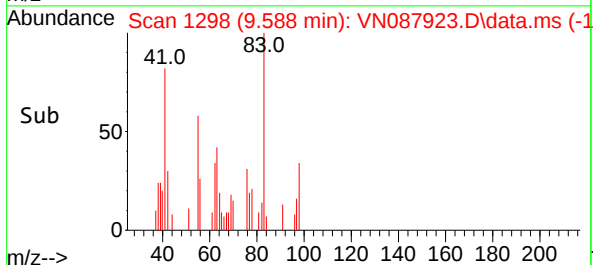
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

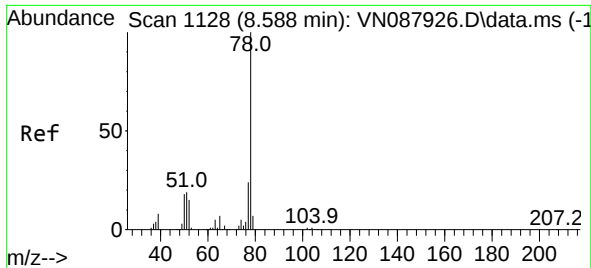


#39  
Methylcyclohexane  
Concen: 1.108 ug/l  
RT: 9.588 min Scan# 1298  
Delta R.T. 0.012 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51



Tgt Ion: 83 Resp: 4046  
Ion Ratio Lower Upper  
83 100  
55 57.8 59.9 89.9#  
98 33.6 37.4 56.2#





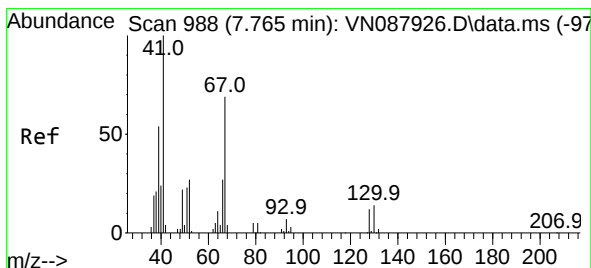
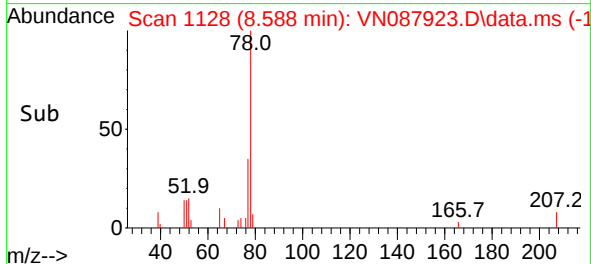
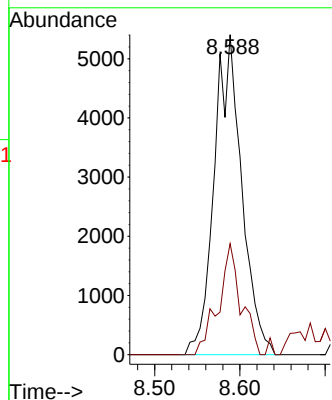
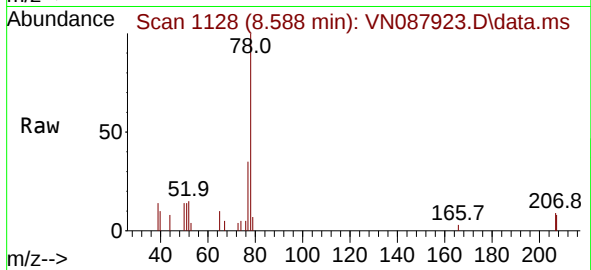
#40  
Benzene  
Concen: 1.106 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 78 Resp: 12110  
Ion Ratio Lower Upper  
78 100  
77 34.7 19.0 28.6

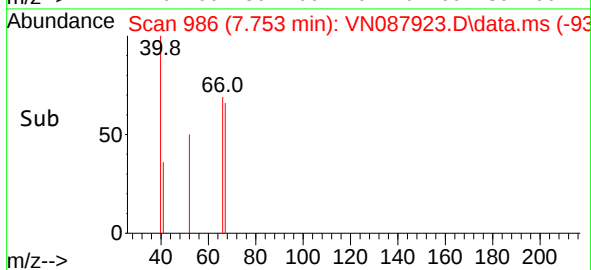
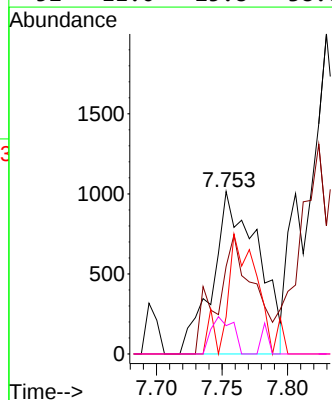
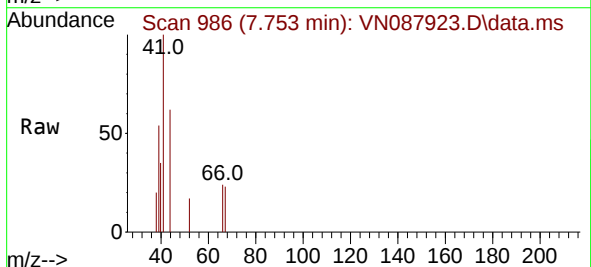
Manual Integrations  
APPROVED

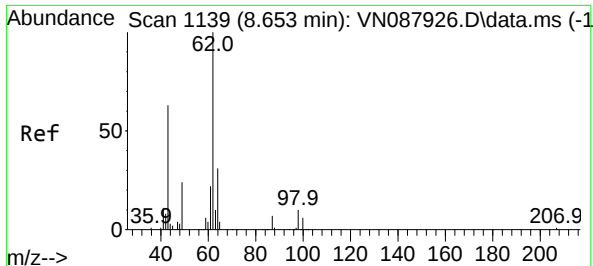
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#41  
Methacrylonitrile  
Concen: 1.090 ug/l  
RT: 7.753 min Scan# 986  
Delta R.T. -0.012 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

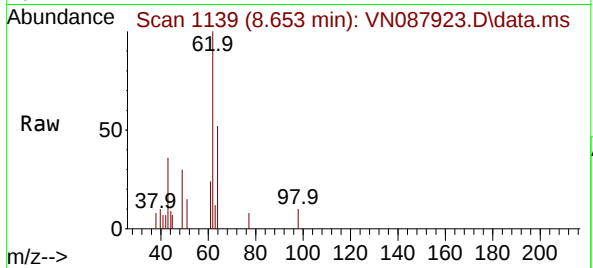
Tgt Ion: 41 Resp: 2438  
Ion Ratio Lower Upper  
41 100  
39 59.4 43.5 65.3  
67 50.2 57.6 86.4#  
52 11.0 25.8 38.6#





#42  
1,2-Dichloroethane  
Concen: 1.173 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

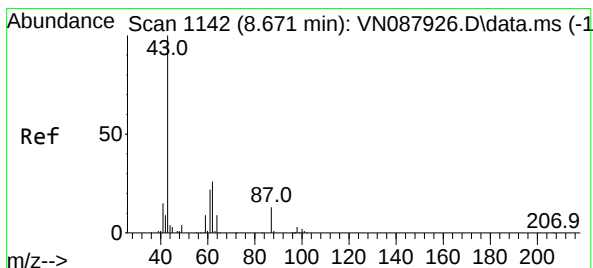
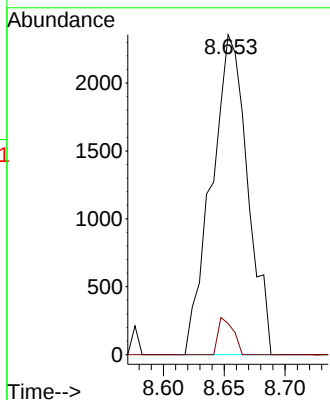
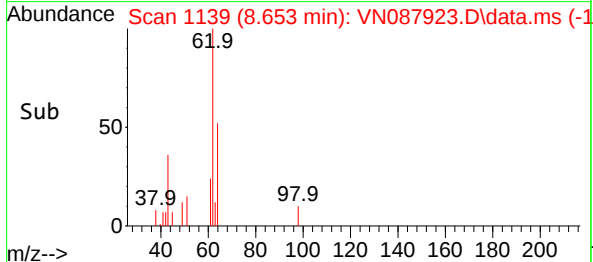
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



Tgt Ion: 62 Resp: 4859  
Ion Ratio Lower Upper  
62 100  
98 4.8 0.0 18.6

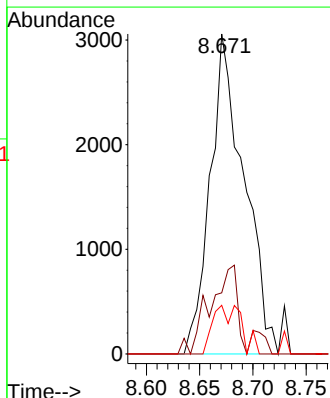
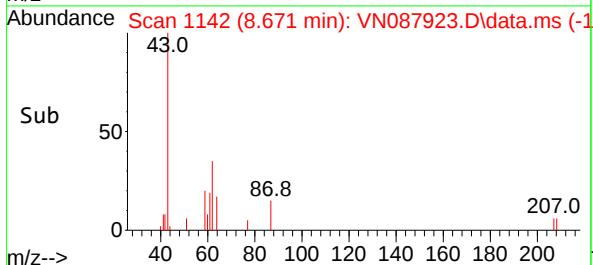
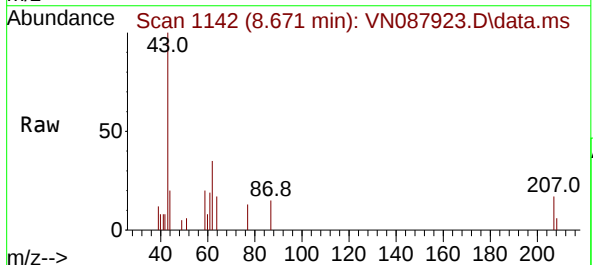
Manual Integrations  
APPROVED

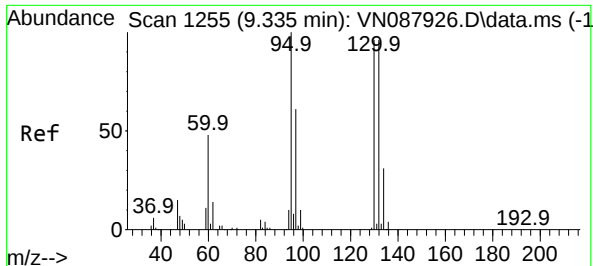
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#43  
Isopropyl Acetate  
Concen: 1.008 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Tgt Ion: 43 Resp: 6757  
Ion Ratio Lower Upper  
43 100  
61 22.2 20.2 30.2  
87 12.8 10.9 16.3





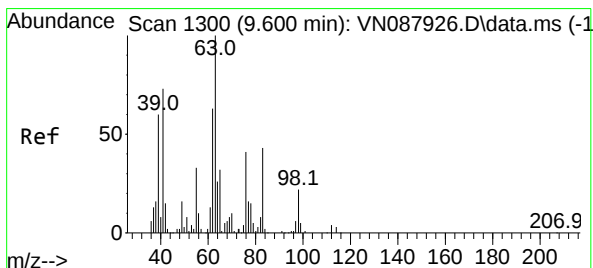
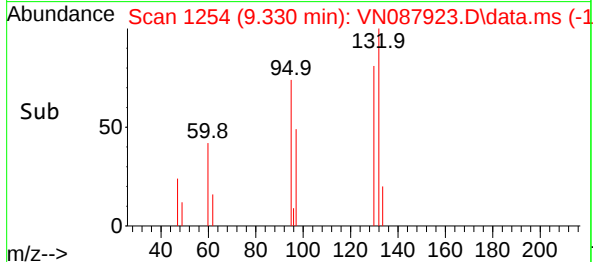
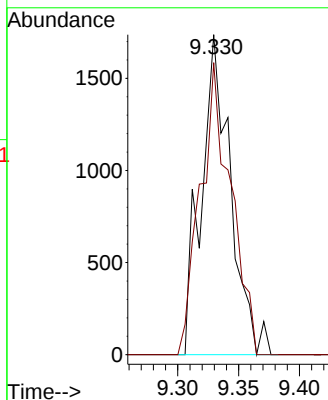
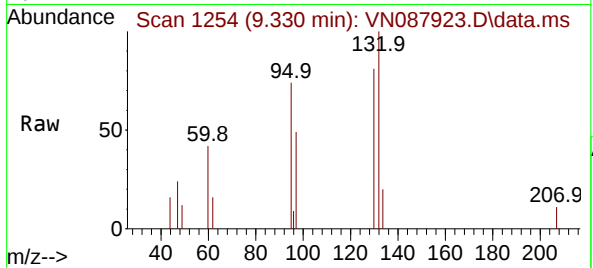
#44  
Trichloroethene  
Concen: 1.109 ug/l  
RT: 9.330 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion:130 Resp: 2904  
Ion Ratio Lower Upper  
130 100  
95 91.2 0.0 208.0

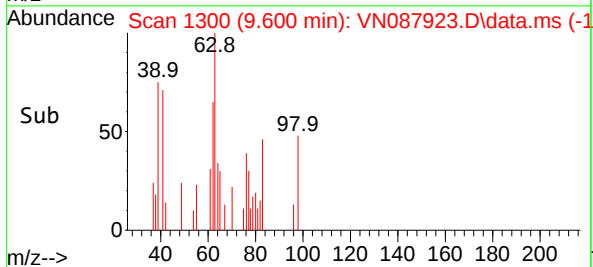
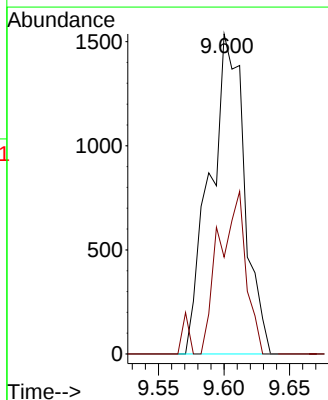
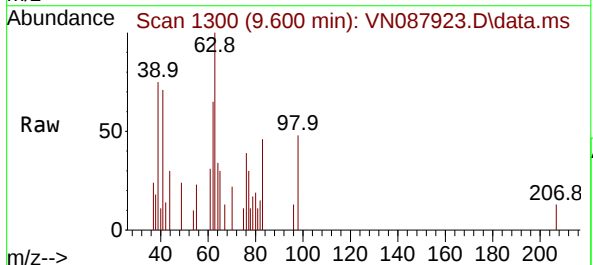
Manual Integrations  
APPROVED

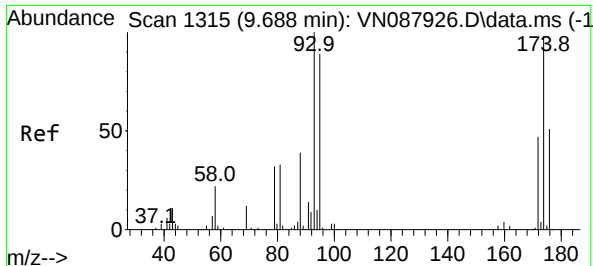
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#45  
1,2-Dichloropropane  
Concen: 1.037 ug/l  
RT: 9.600 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

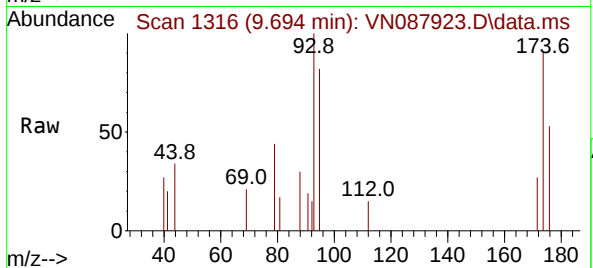
Tgt Ion: 63 Resp: 2808  
Ion Ratio Lower Upper  
63 100  
65 30.3 25.4 38.0





#46  
Dibromomethane  
Concen: 1.177 ug/l  
RT: 9.694 min Scan# 1316  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

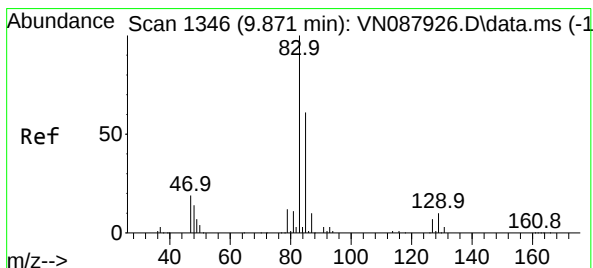
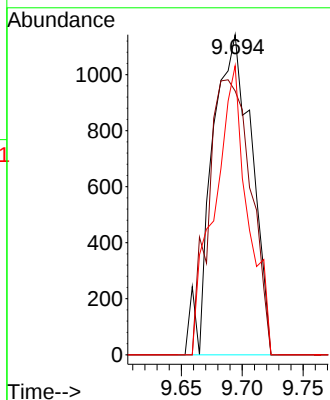
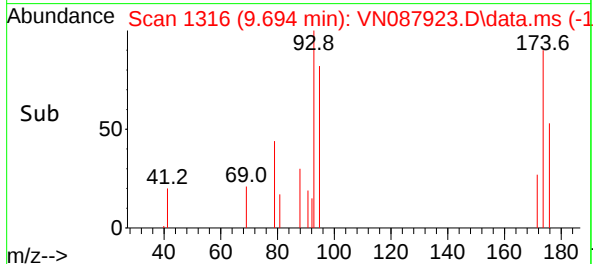
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



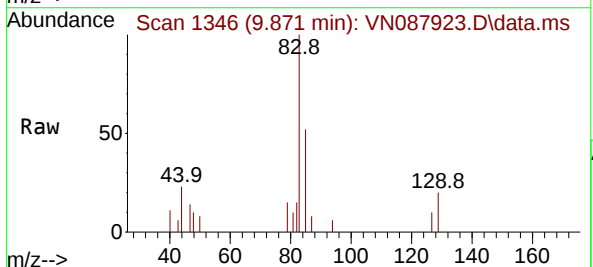
Tgt Ion: 93 Resp: 2588  
Ion Ratio Lower Upper  
93 100  
95 91.6 67.6 101.4  
174 76.6 75.4 113.0

Manual Integrations  
APPROVED

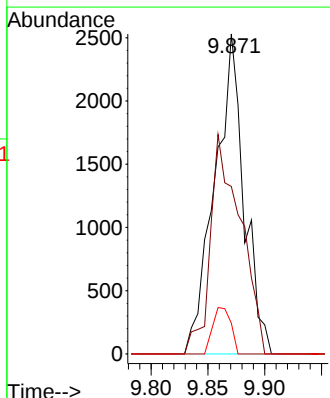
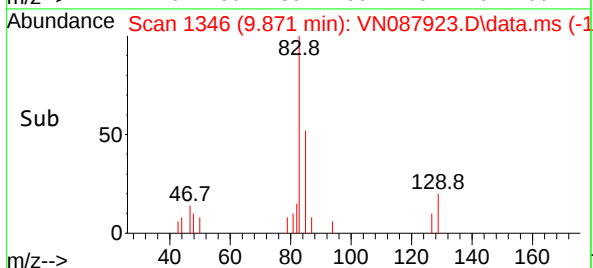
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

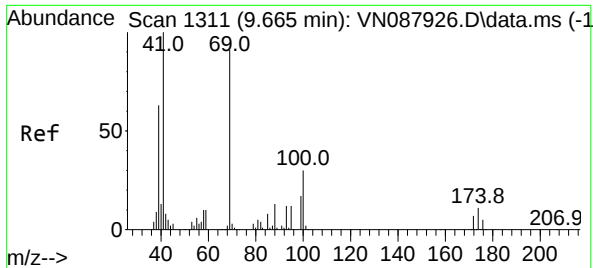


#47  
Bromodichloromethane  
Concen: 1.075 ug/l  
RT: 9.871 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51



Tgt Ion: 83 Resp: 4541  
Ion Ratio Lower Upper  
83 100  
85 52.3 49.1 73.7  
127 9.6 5.9 8.9#





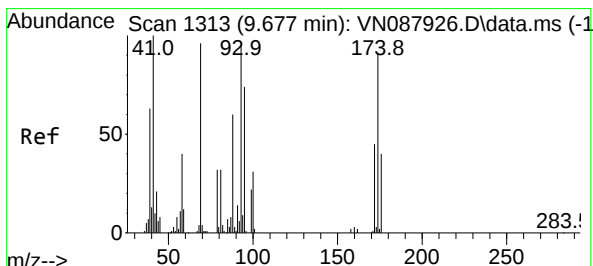
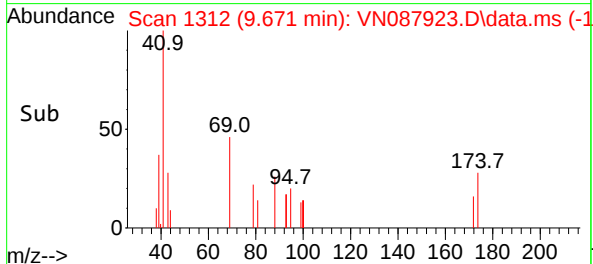
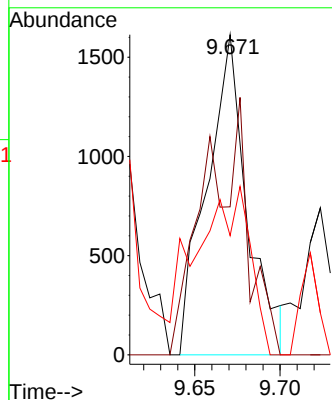
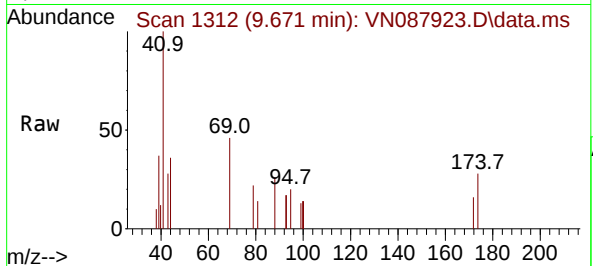
#48  
Methyl methacrylate  
Concen: 0.880 ug/l  
RT: 9.671 min Scan# 1311  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 41 Resp: 266  
Ion Ratio Lower Upper  
41 100  
69 85.3 70.9 106.3  
39 69.2 52.9 79.3

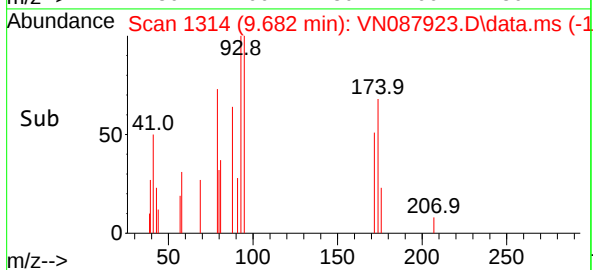
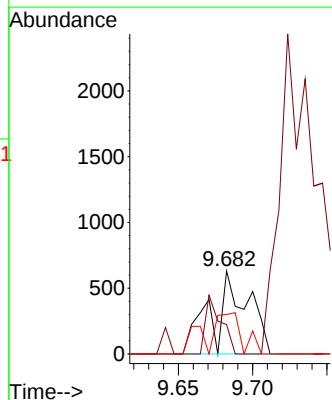
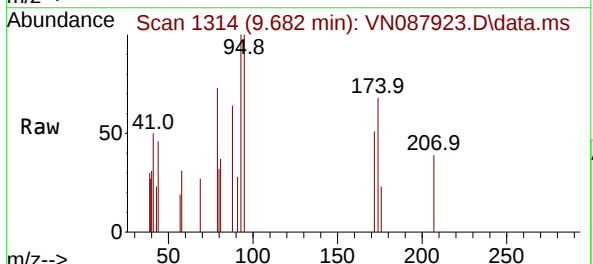
Manual Integrations  
APPROVED

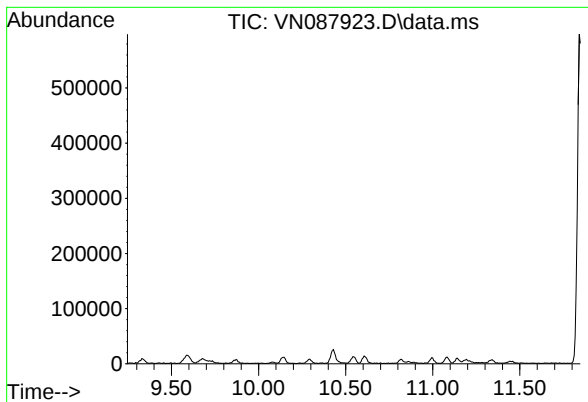
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#49  
1,4-Dioxane  
Concen: 22.665 ug/l m  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Tgt Ion: 88 Resp: 1066  
Ion Ratio Lower Upper  
88 100  
43 30.5 22.6 33.8  
58 13.9 57.4 86.2#





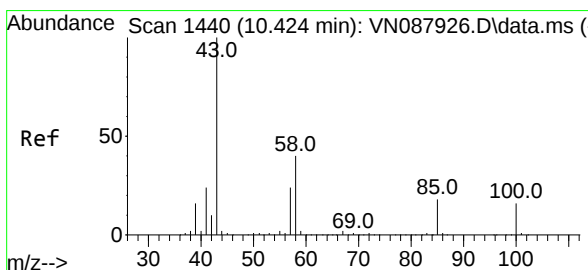
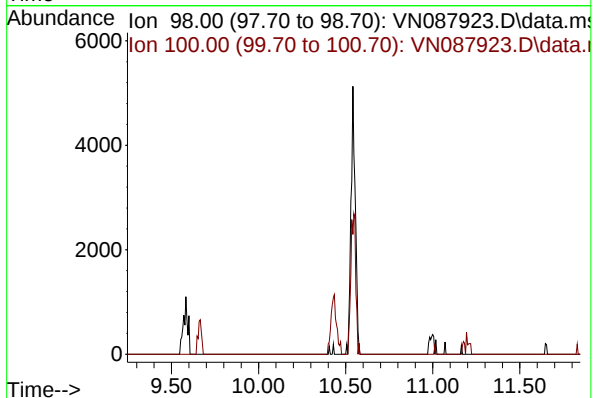
#50  
 Toluene-d8  
 Concen: 0.000 ug/l  
 Expected RT: 10.55 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC001

Tgt Ion: 98  
 Sig Exp Ratio  
 98 100  
 100 64.6

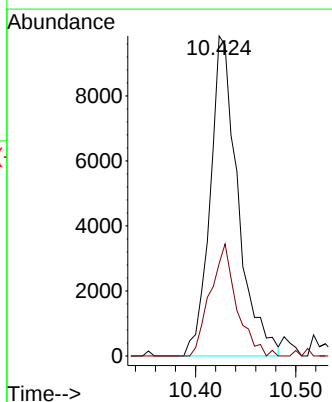
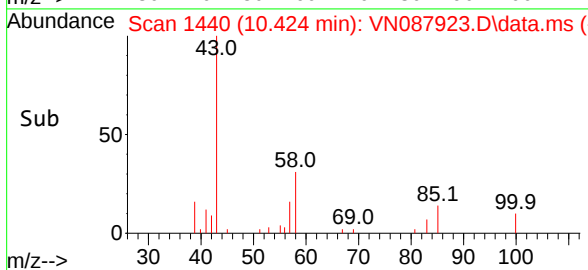
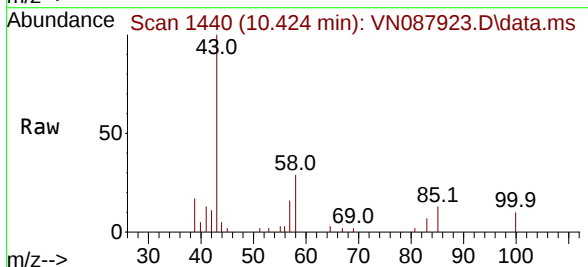
Manual Integrations  
 APPROVED

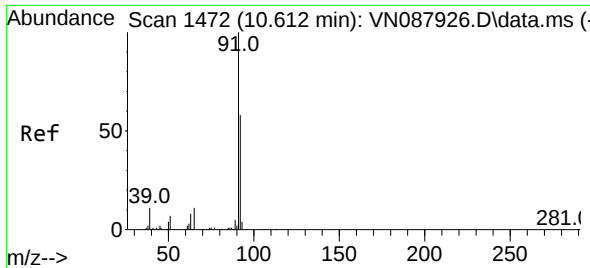
Reviewed By :John Carlone 09/24/2025  
 Supervised By :Mahesh Dadoda 09/26/2025



#51  
 4-Methyl-2-Pentanone  
 Concen: 4.591 ug/l  
 RT: 10.424 min Scan# 1440  
 Delta R.T. 0.000 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51

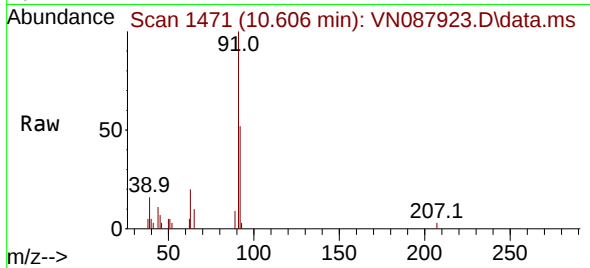
Tgt Ion: 43 Resp: 18862  
 Ion Ratio Lower Upper  
 43 100  
 58 33.3 31.0 46.6





#52  
Toluene  
Concen: 0.862 ug/l  
RT: 10.606 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

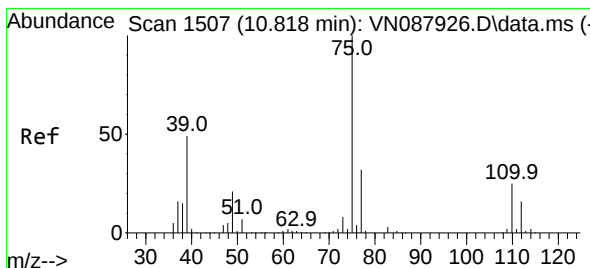
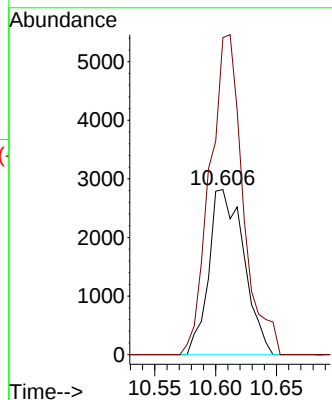
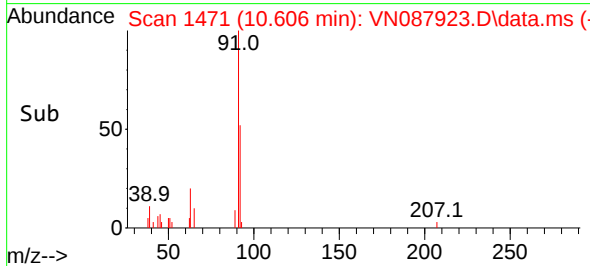
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 92 Resp: 564  
Ion Ratio Lower Upper  
92 100  
91 183.3 138.2 207.2

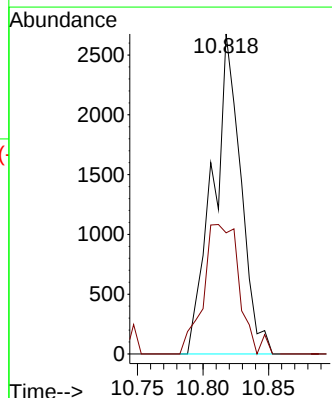
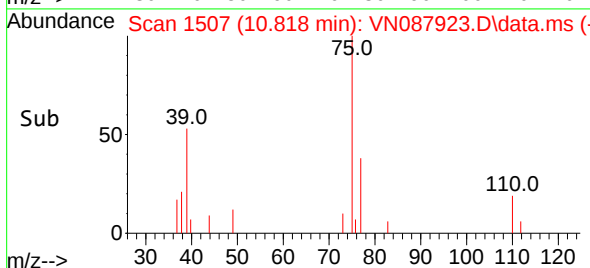
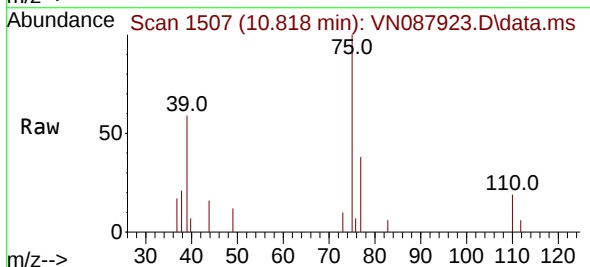
Manual Integrations  
APPROVED

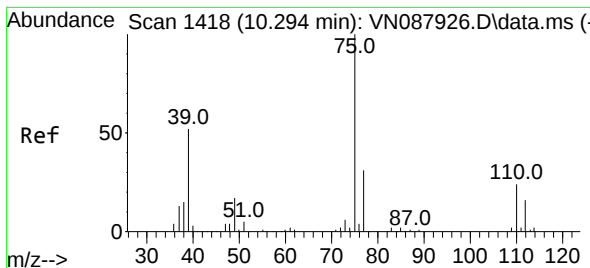
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#53  
t-1,3-Dichloropropene  
Concen: 0.944 ug/l  
RT: 10.818 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

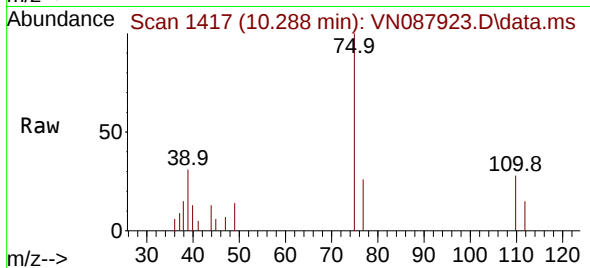
Tgt Ion: 75 Resp: 3973  
Ion Ratio Lower Upper  
75 100  
77 37.9 25.3 37.9





#54  
 cis-1,3-Dichloropropene  
 Concen: 1.014 ug/l  
 RT: 10.288 min Scan# 1417  
 Delta R.T. -0.006 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51

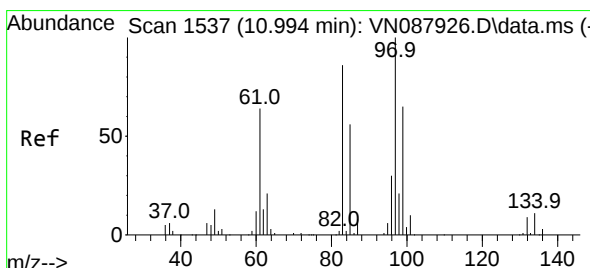
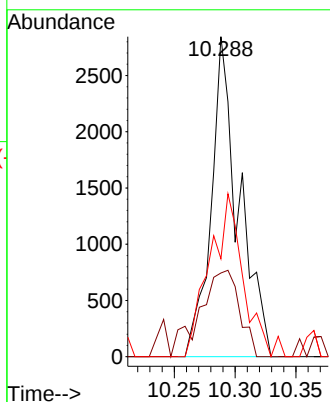
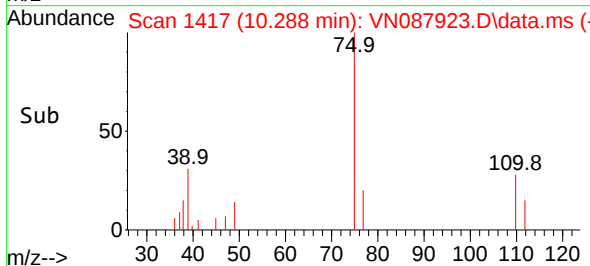
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



Tgt Ion: 75 Resp: 4490  
 Ion Ratio Lower Upper  
 75 100  
 77 26.2 24.7 37.1  
 39 30.6 41.4 62.0

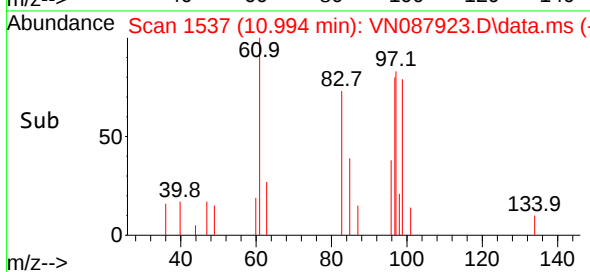
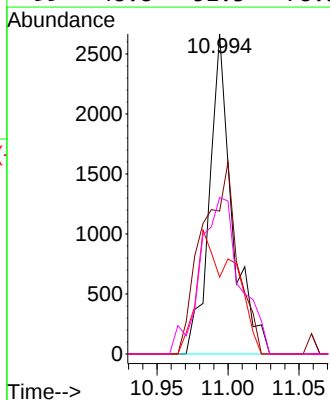
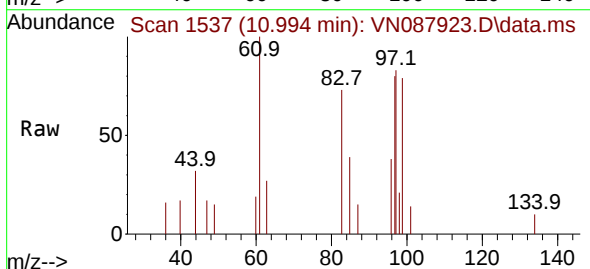
Manual Integrations  
 APPROVED

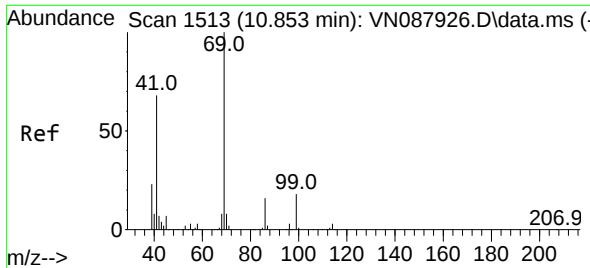
Reviewed By :John Carlone 09/24/2025  
 Supervised By :Mahesh Dadoda 09/26/2025



#55  
 1,1,2-Trichloroethane  
 Concen: 1.073 ug/l  
 RT: 10.994 min Scan# 1537  
 Delta R.T. -0.000 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51

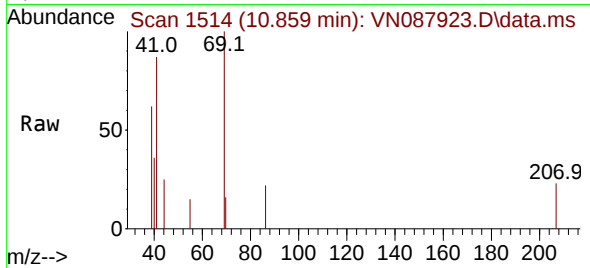
Tgt Ion: 97 Resp: 2978  
 Ion Ratio Lower Upper  
 97 100  
 83 44.7 69.0 103.4#  
 85 24.0 44.4 66.6#  
 99 48.8 52.3 78.5#





#56  
Ethyl methacrylate  
Concen: 0.711 ug/l  
RT: 10.859 min Scan# 1513  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

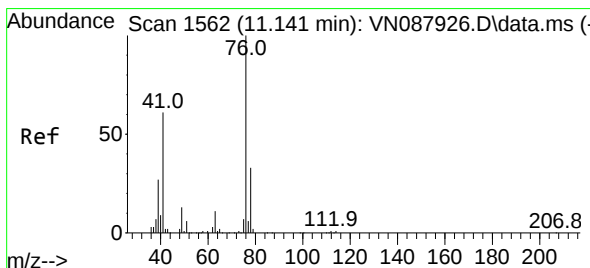
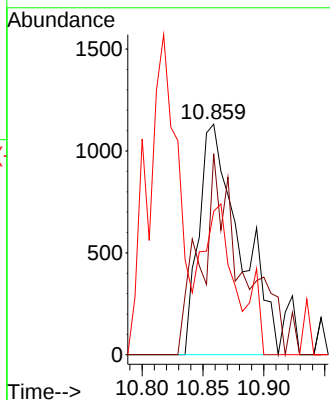
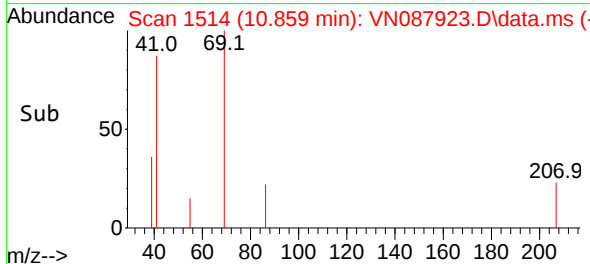
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 69 Resp: 2650  
Ion Ratio Lower Upper  
69 100  
41 89.5 53.8 80.6  
39 54.9 34.7 52.1

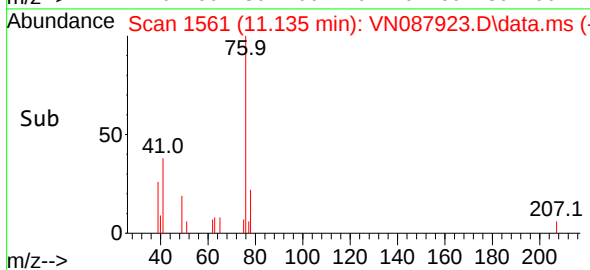
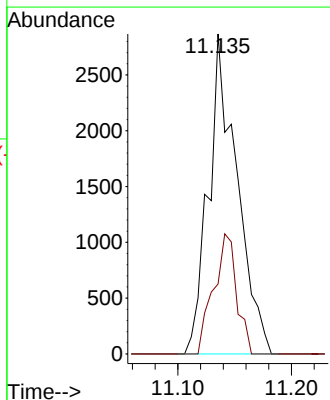
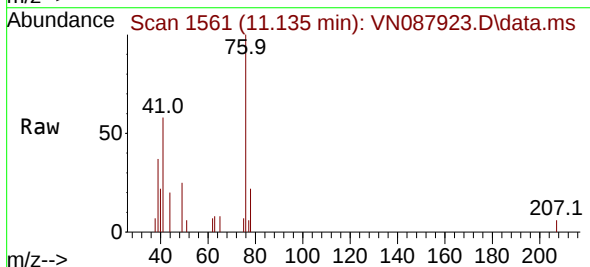
Manual Integrations  
APPROVED

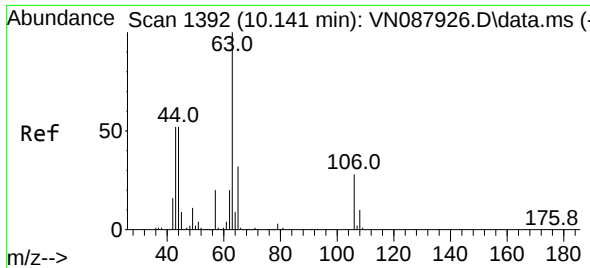
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#57  
1,3-Dichloropropane  
Concen: 1.088 ug/l  
RT: 11.135 min Scan# 1561  
Delta R.T. -0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Tgt Ion: 76 Resp: 4980  
Ion Ratio Lower Upper  
76 100  
78 30.4 26.0 39.0





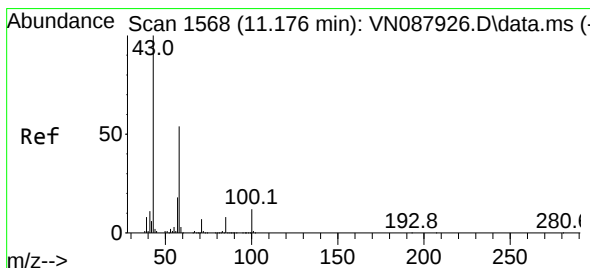
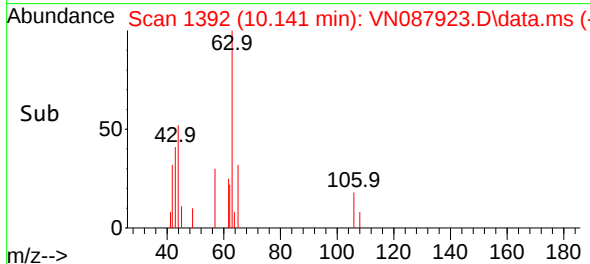
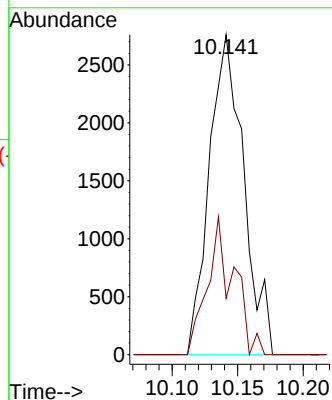
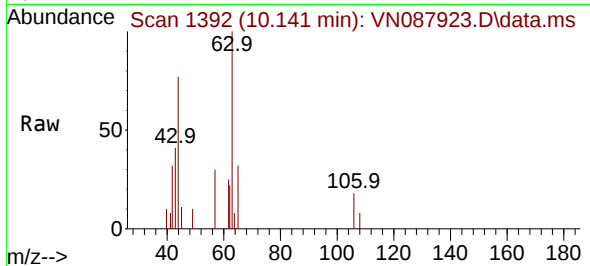
#58  
2-Chloroethyl Vinyl ether  
Concen: 2.934 ug/l  
RT: 10.141 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Tgt Ion: 63 Resp: 5038  
Ion Ratio Lower Upper  
63 100  
106 33.0 22.6 33.8

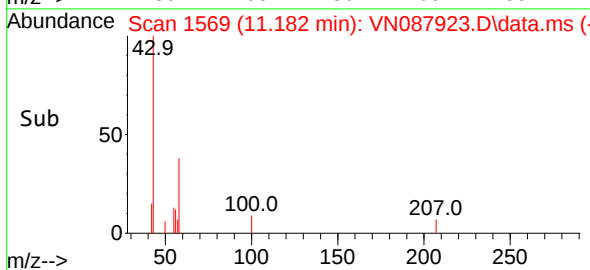
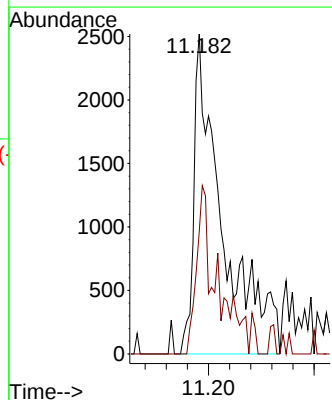
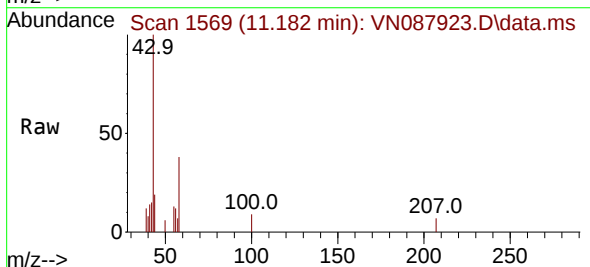
Manual Integrations  
APPROVED

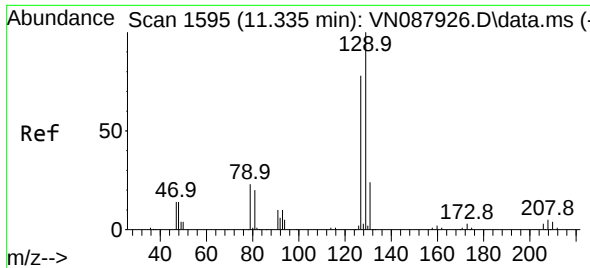
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#59  
2-Hexanone  
Concen: 3.656 ug/l m  
RT: 11.182 min Scan# 1569  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

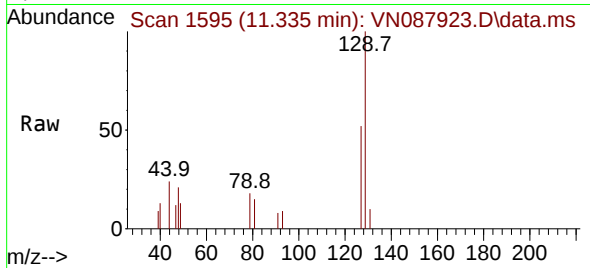
Tgt Ion: 43 Resp: 9429  
Ion Ratio Lower Upper  
43 100  
58 23.3 26.4 79.2#





#60  
Dibromochloromethane  
Concen: 1.042 ug/l  
RT: 11.335 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

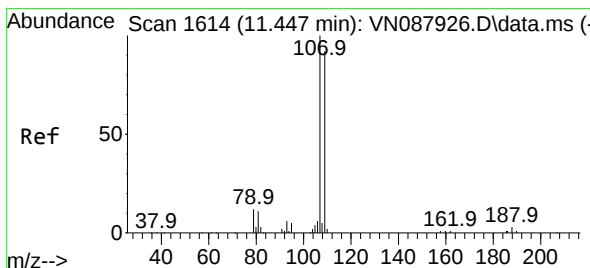
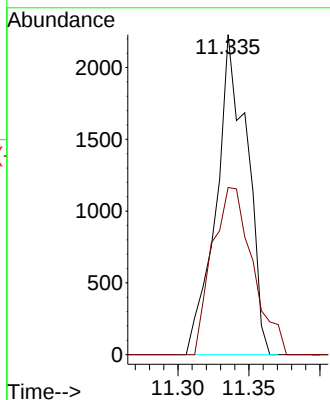
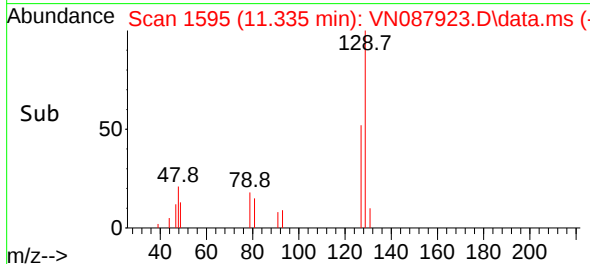
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



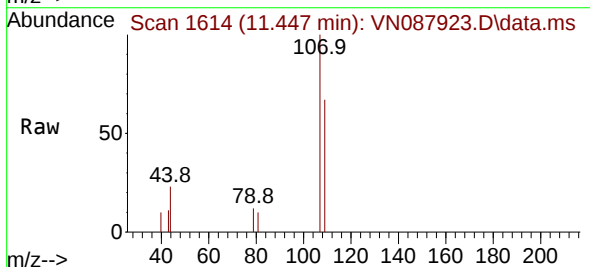
Tgt Ion:129 Resp: 3378  
Ion Ratio Lower Upper  
129 100  
127 68.4 39.3 117.9

Manual Integrations  
APPROVED

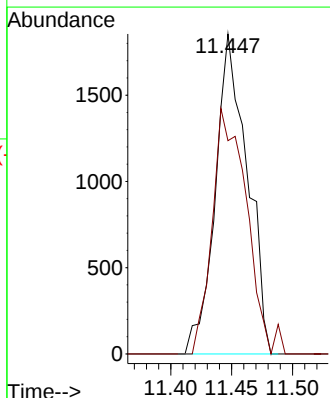
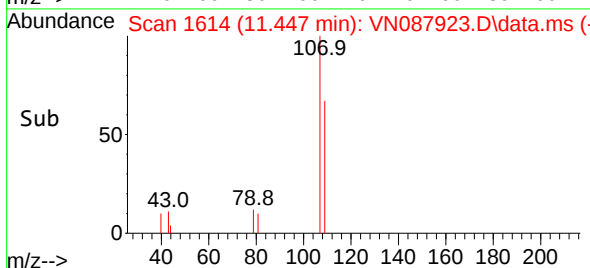
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

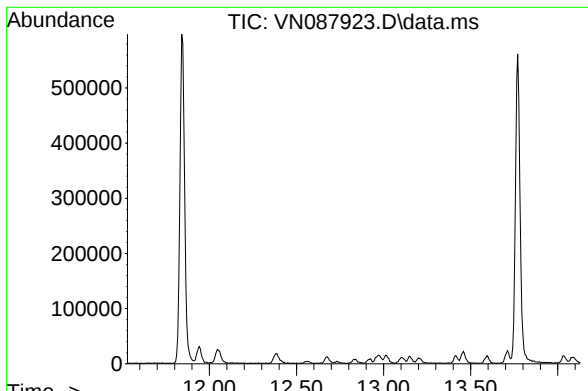


#61  
1,2-Dibromoethane  
Concen: 1.137 ug/l  
RT: 11.447 min Scan# 1614  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51



Tgt Ion:107 Resp: 3384  
Ion Ratio Lower Upper  
107 100  
109 82.6 75.3 112.9





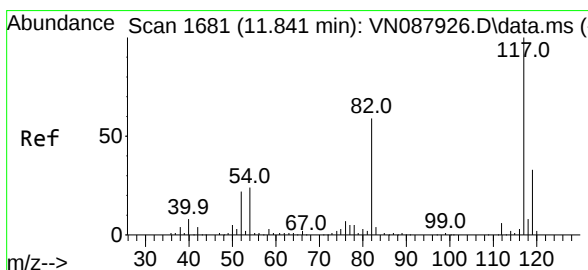
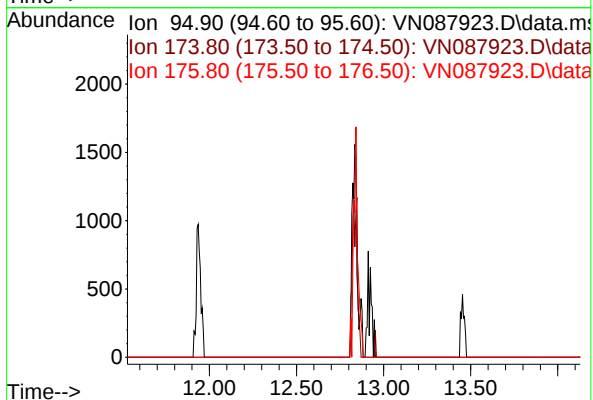
#62  
 4-Bromofluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 12.83 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC001

Tgt Ion: 95  
 Sig Exp Ratio  
 95 100  
 174 79.6  
 176 76.3

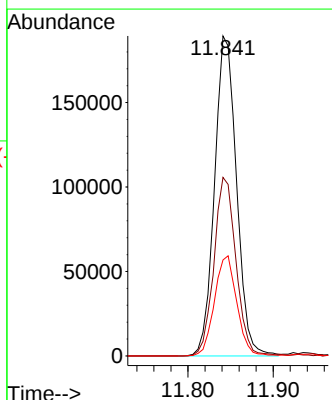
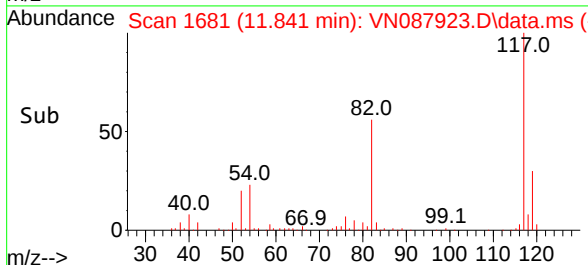
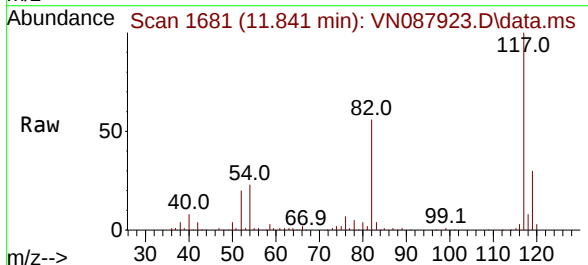
Manual Integrations  
 APPROVED

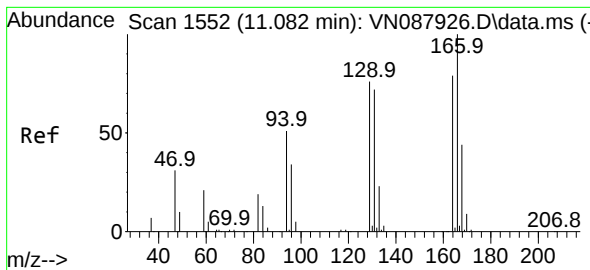
Reviewed By :John Carlone 09/24/2025  
 Supervised By :Mahesh Dadoda 09/26/2025



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.841 min Scan# 1681  
 Delta R.T. 0.000 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51

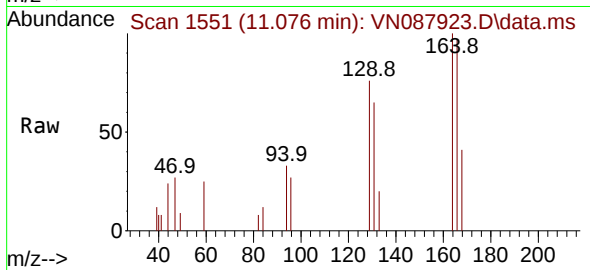
Tgt Ion:117 Resp: 340378  
 Ion Ratio Lower Upper  
 117 100  
 82 55.8 47.0 70.4  
 119 30.0 26.1 39.1





#64  
Tetrachloroethene  
Concen: 1.209 ug/l  
RT: 11.076 min Scan# 1551  
Delta R.T. -0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

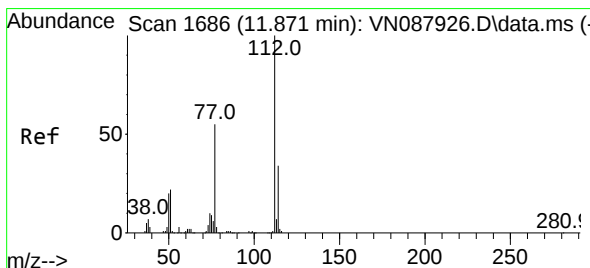
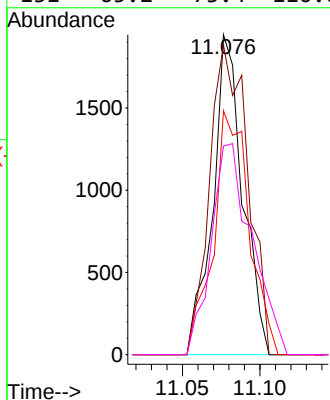
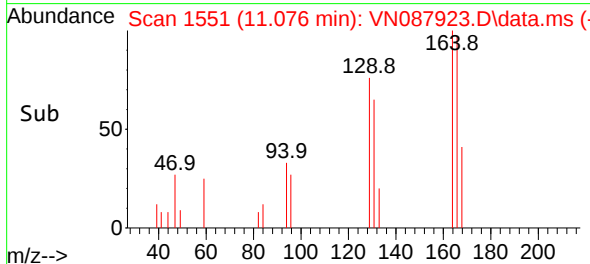
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:164 Resp: 261  
Ion Ratio Lower Upper  
164 100  
166 96.8 101.6 152.4  
129 76.2 77.5 116.3  
131 65.2 73.4 110.0#

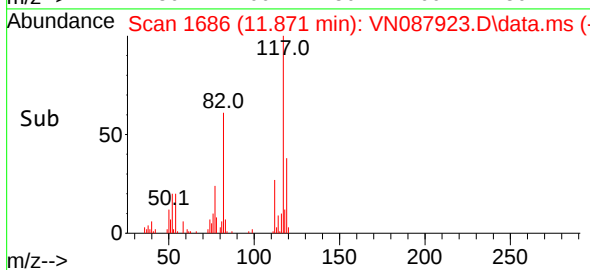
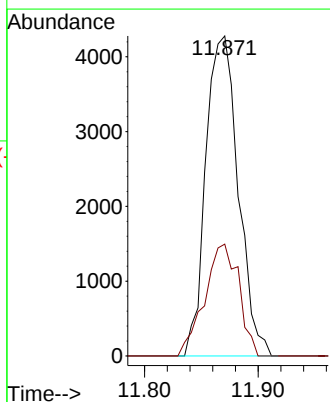
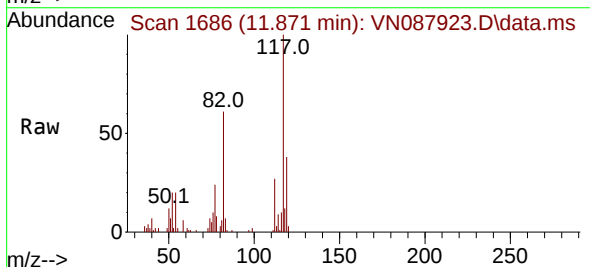
Manual Integrations  
APPROVED

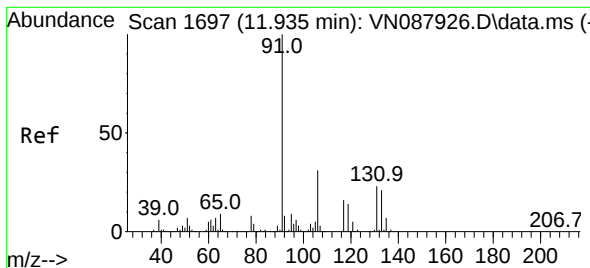
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#65  
Chlorobenzene  
Concen: 1.140 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

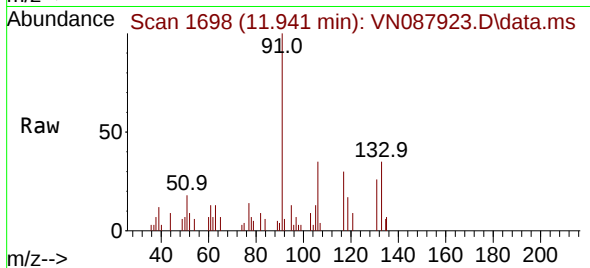
Tgt Ion:112 Resp: 8499  
Ion Ratio Lower Upper  
112 100  
114 34.9 27.2 40.8





#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.179 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

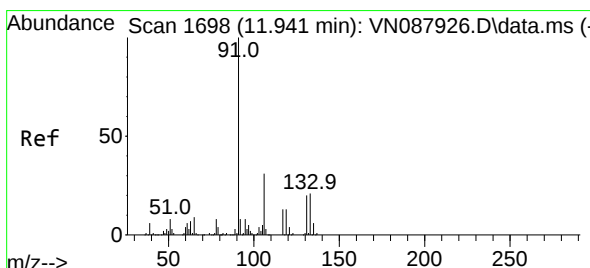
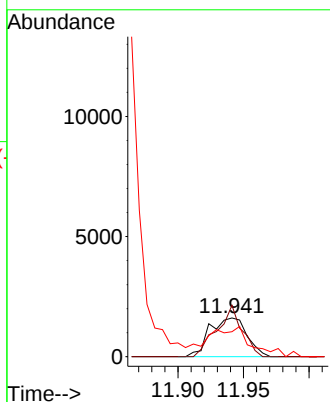
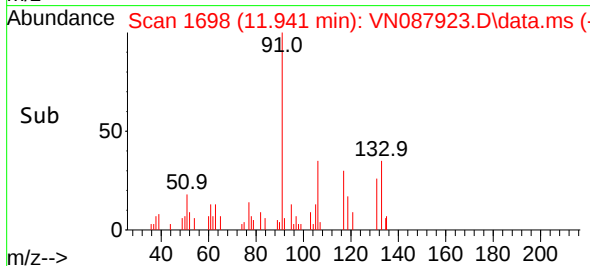
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:131 Resp: 319  
Ion Ratio Lower Upper  
131 100  
133 89.5 48.4 145.0  
119 0.0 31.9 95.5

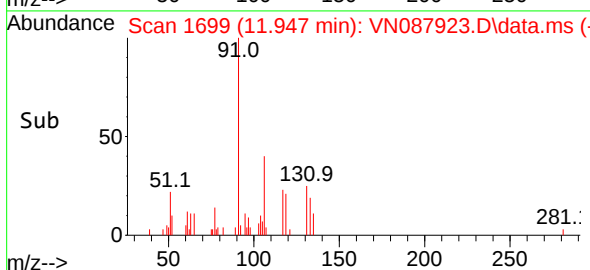
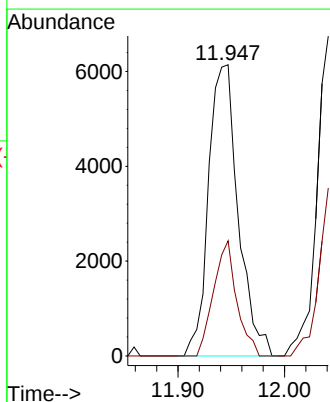
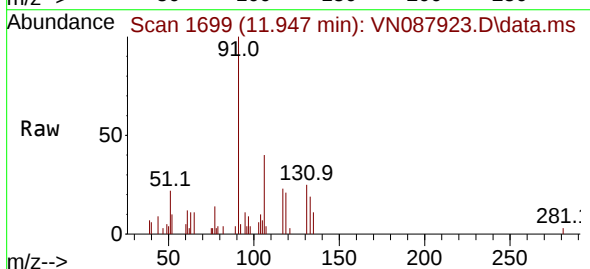
Manual Integrations  
APPROVED

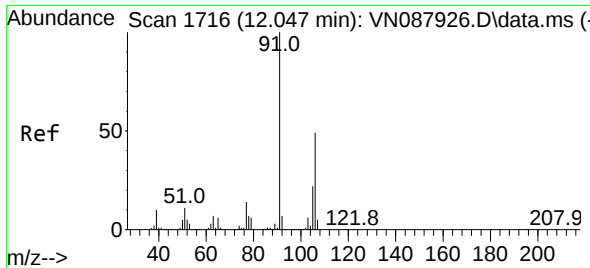
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#67  
Ethyl Benzene  
Concen: 0.986 ug/l  
RT: 11.947 min Scan# 1699  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Tgt Ion: 91 Resp: 11878  
Ion Ratio Lower Upper  
91 100  
106 39.6 25.2 37.8#





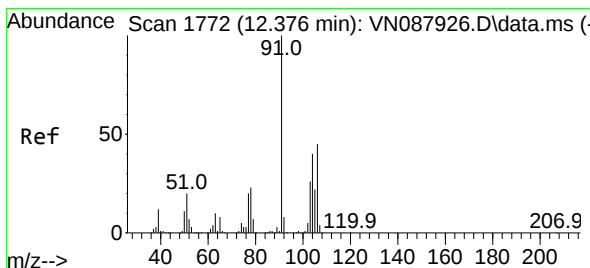
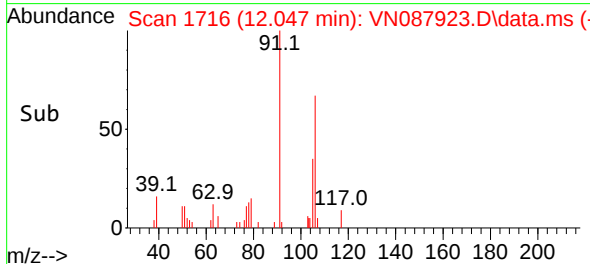
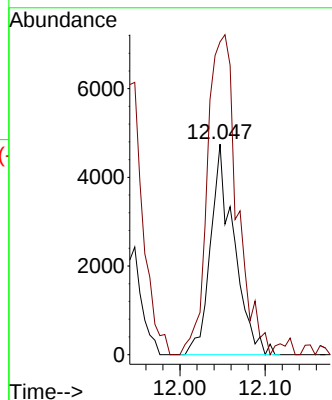
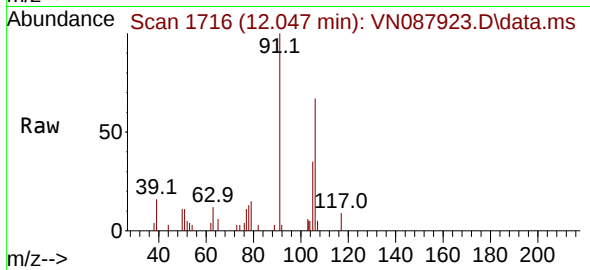
#68  
m/p-Xylenes  
Concen: 1.974 ug/l  
RT: 12.047 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Tgt Ion:106 Resp: 9100  
Ion Ratio Lower Upper  
106 100  
91 191.8 162.9 244.3

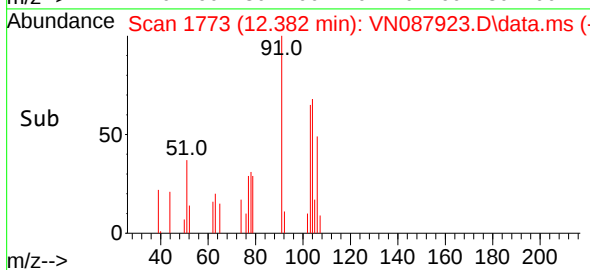
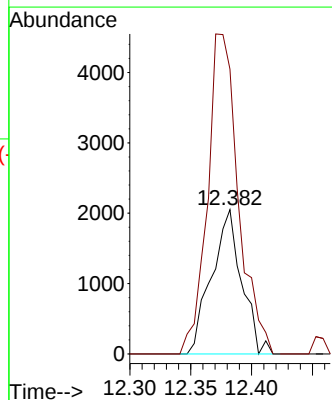
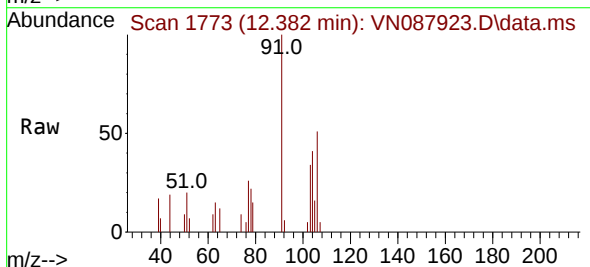
Manual Integrations  
APPROVED

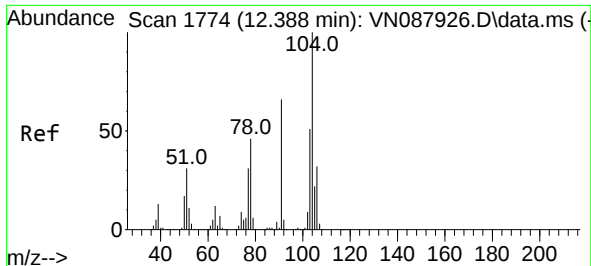
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#69  
o-Xylene  
Concen: 0.820 ug/l  
RT: 12.382 min Scan# 1773  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

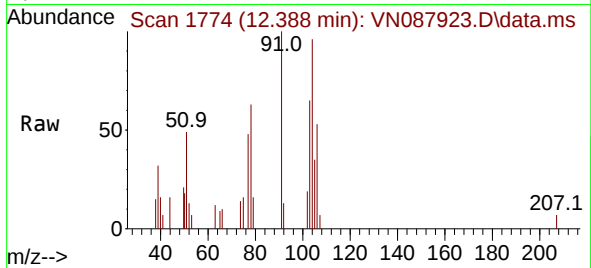
Tgt Ion:106 Resp: 3516  
Ion Ratio Lower Upper  
106 100  
91 228.6 108.2 324.6





#70  
Styrene  
Concen: 0.766 ug/l  
RT: 12.388 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

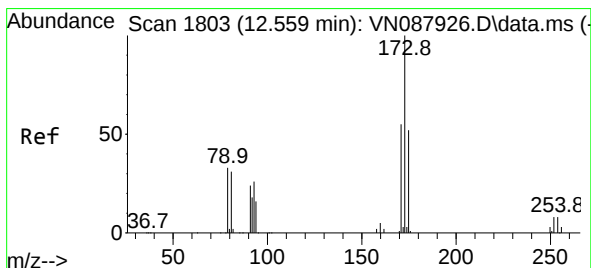
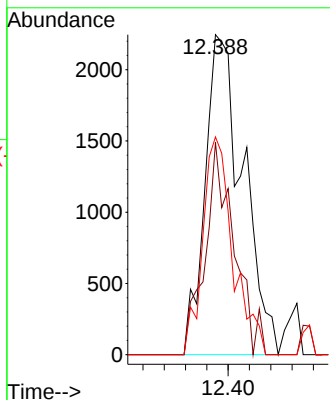
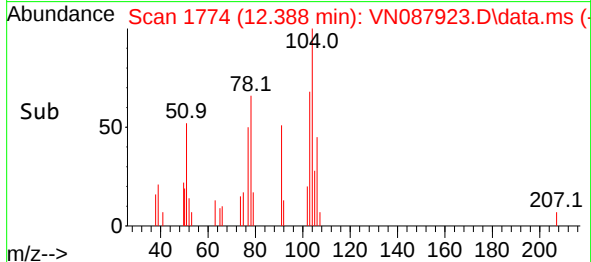
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:104 Resp: 5579  
Ion Ratio Lower Upper  
104 100  
78 50.8 39.7 59.5  
103 53.9 44.6 67.0

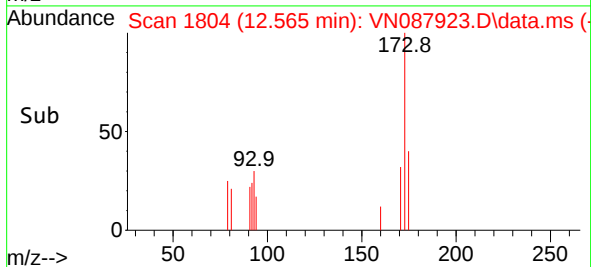
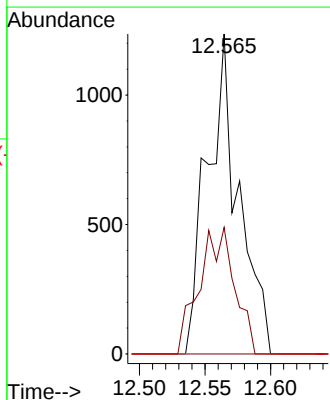
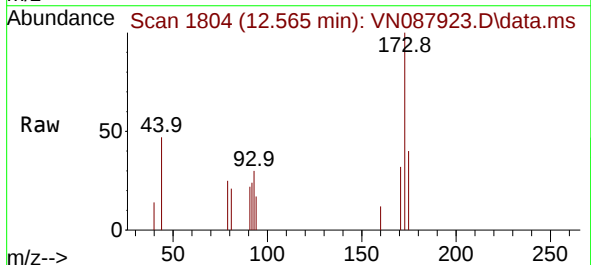
Manual Integrations  
APPROVED

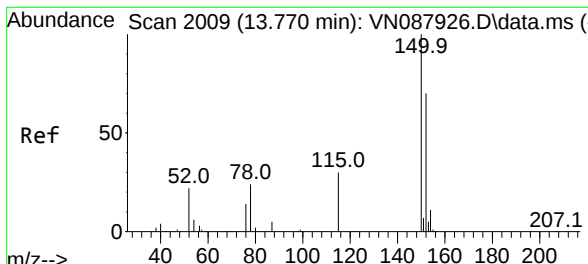
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#71  
Bromoform  
Concen: 0.977 ug/l  
RT: 12.565 min Scan# 1804  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

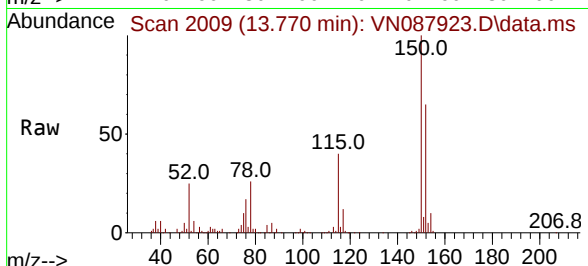
Tgt Ion:173 Resp: 2060  
Ion Ratio Lower Upper  
173 100  
175 44.5 23.7 71.1  
254 0.0 0.1 0.1#





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.770 min Scan# 2009  
 Delta R.T. 0.000 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51

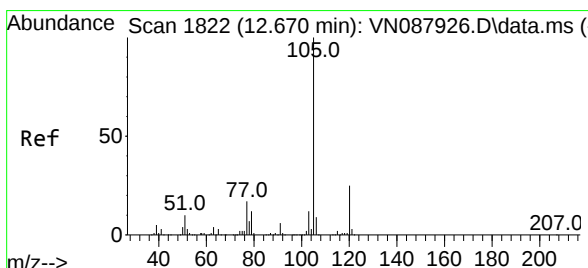
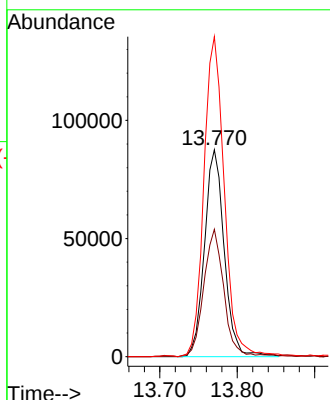
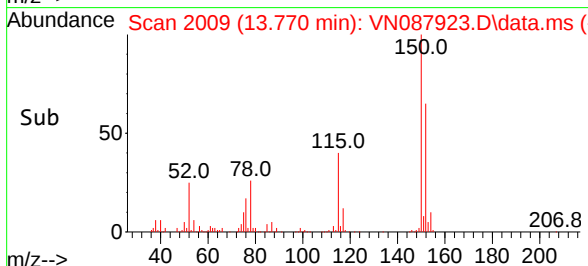
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



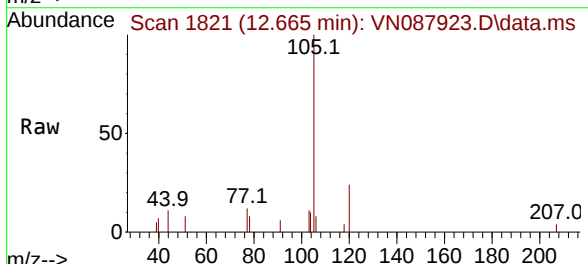
Tgt Ion:152 Resp: 15528  
 Ion Ratio Lower Upper  
 152 100  
 115 62.2 29.9 89.7  
 150 160.1 0.0 335.0

Manual Integrations  
 APPROVED

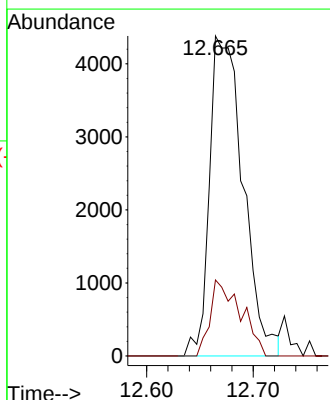
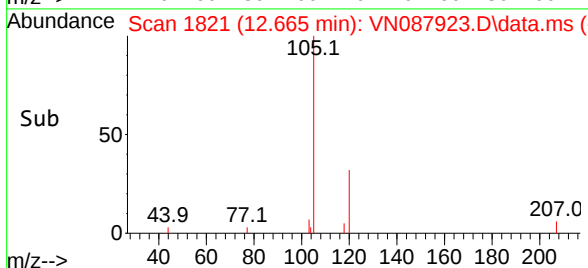
Reviewed By :John Carlone 09/24/2025  
 Supervised By :Mahesh Dadoda 09/26/2025

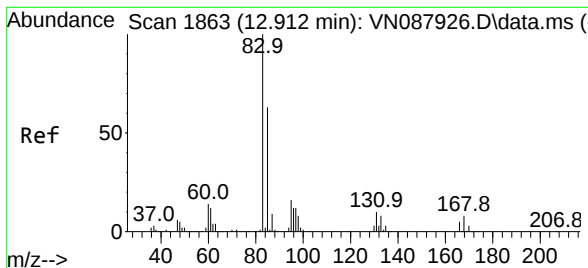


#73  
 Isopropylbenzene  
 Concen: 0.997 ug/l  
 RT: 12.665 min Scan# 1821  
 Delta R.T. -0.006 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51



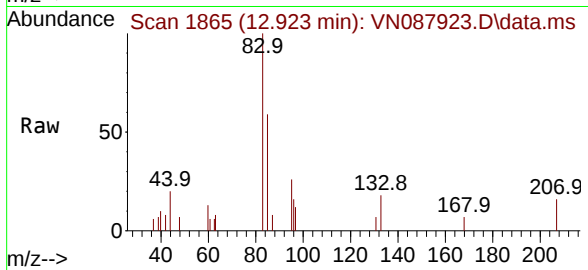
Tgt Ion:105 Resp: 9586  
 Ion Ratio Lower Upper  
 105 100  
 120 21.7 13.1 39.1





#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.194 ug/l  
RT: 12.923 min Scan# 1865  
Delta R.T. 0.012 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

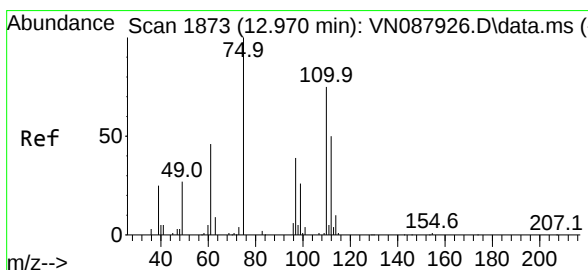
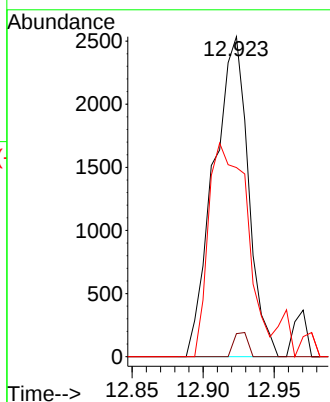
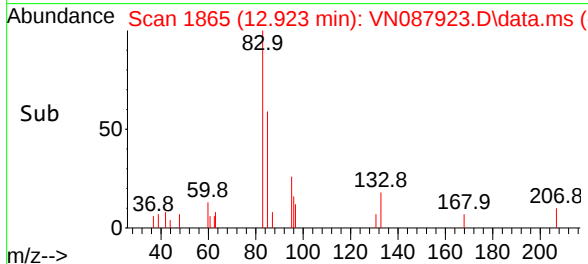
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



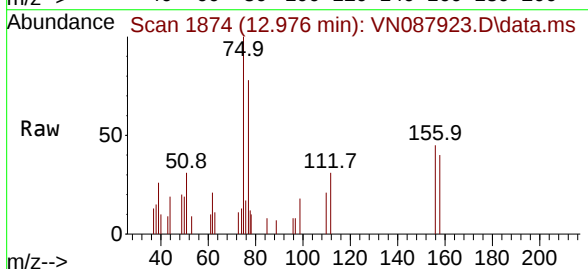
Tgt Ion: 83 Resp: 4308  
Ion Ratio Lower Upper  
83 100  
131 3.1 5.2 15.6  
85 74.5 32.4 97.0

Manual Integrations  
APPROVED

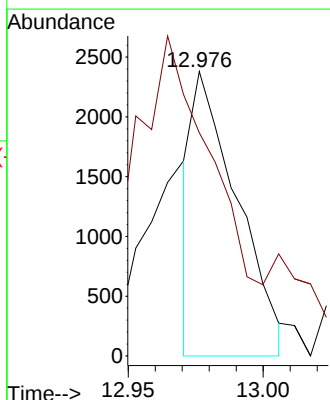
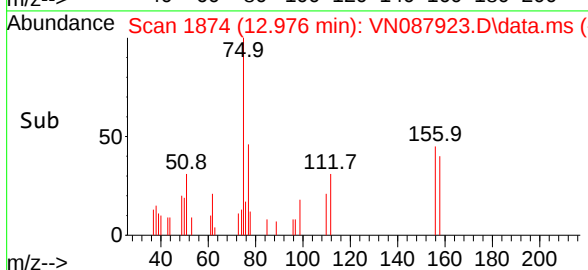
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

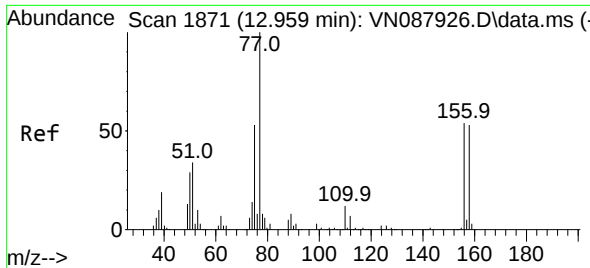


#76  
1,2,3-Trichloropropane  
Concen: 0.637 ug/l m  
RT: 12.976 min Scan# 1874  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51



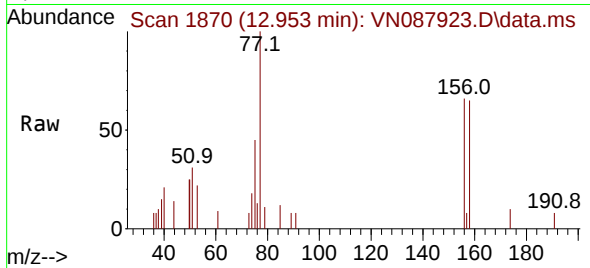
Tgt Ion: 75 Resp: 2733  
Ion Ratio Lower Upper  
75 100  
77 218.1 89.5 268.5





#77  
Bromobenzene  
Concen: 0.923 ug/l m  
RT: 12.953 min Scan# 1870  
Delta R.T. -0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

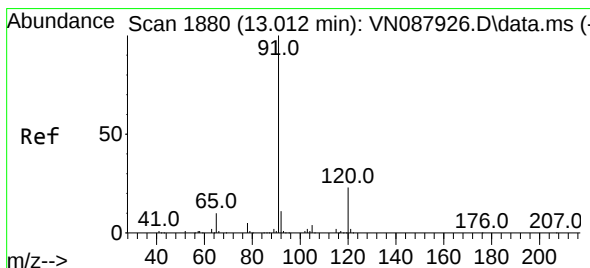
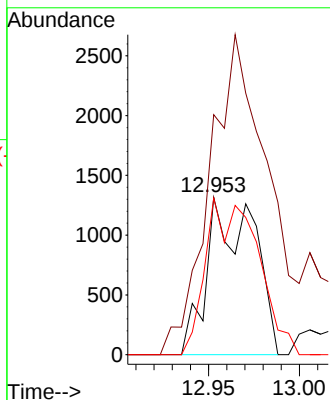
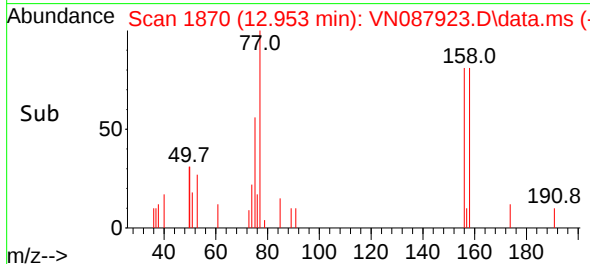
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



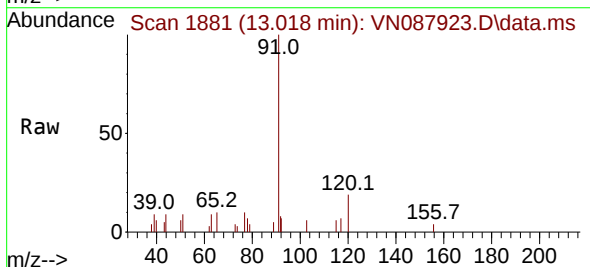
Tgt Ion:156 Resp: 236  
Ion Ratio Lower Upper  
156 100  
77 252.2 108.2 324.6  
158 109.9 49.6 149.0

Manual Integrations  
APPROVED

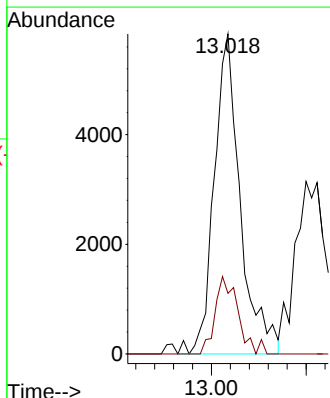
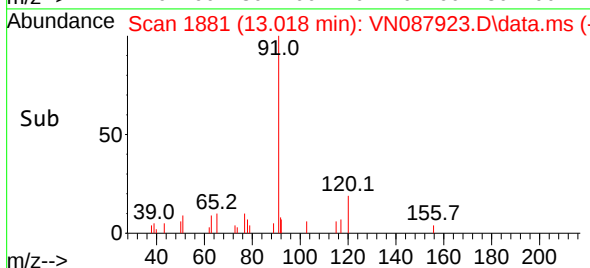
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

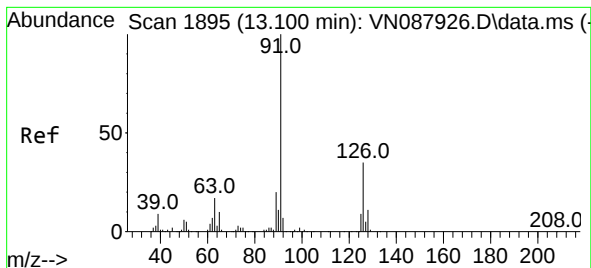


#78  
n-propylbenzene  
Concen: 0.940 ug/l  
RT: 13.018 min Scan# 1881  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51



Tgt Ion: 91 Resp: 11177  
Ion Ratio Lower Upper  
91 100  
120 21.2 11.1 33.1





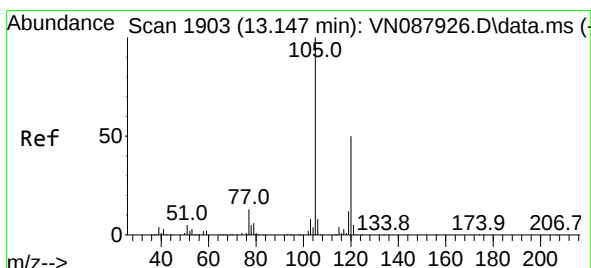
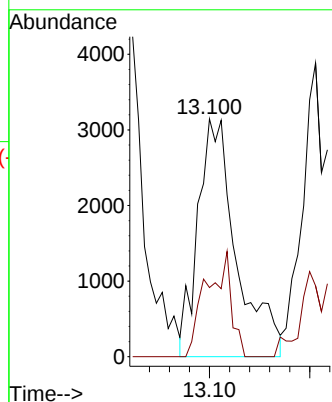
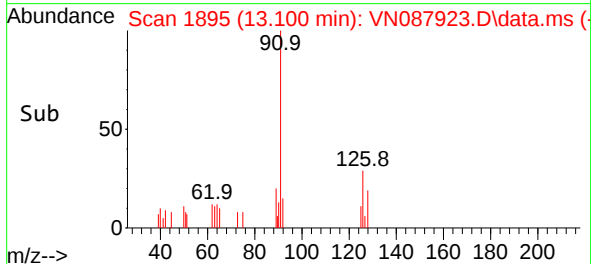
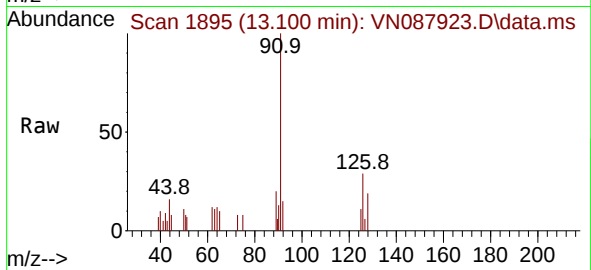
#79  
2-Chlorotoluene  
Concen: 1.117 ug/l  
RT: 13.100 min Scan# 1895  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Tgt Ion: 91 Resp: 838  
Ion Ratio Lower Upper  
91 100  
126 28.7 16.6 49.8

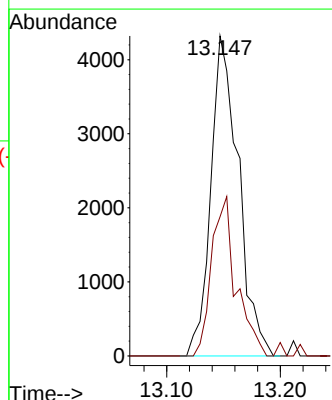
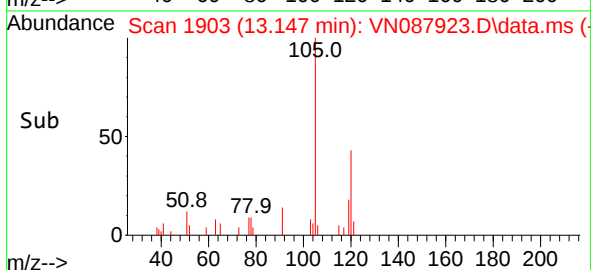
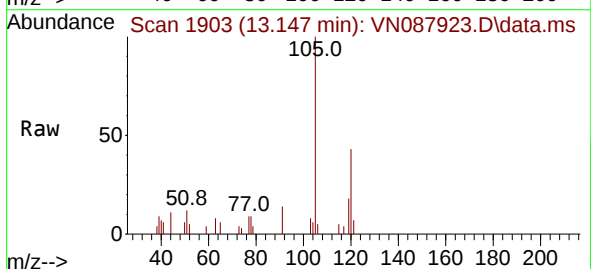
Manual Integrations  
APPROVED

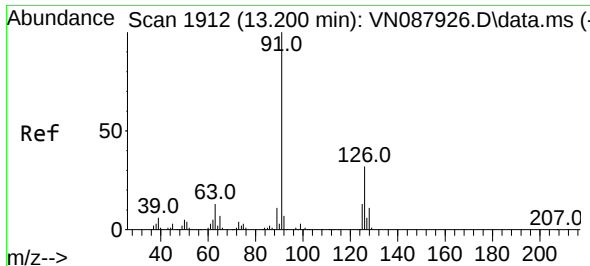
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#80  
1,3,5-Trimethylbenzene  
Concen: 0.895 ug/l  
RT: 13.147 min Scan# 1903  
Delta R.T. -0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Tgt Ion:105 Resp: 7295  
Ion Ratio Lower Upper  
105 100  
120 44.2 24.7 74.1





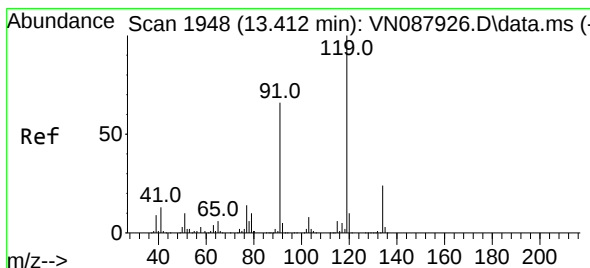
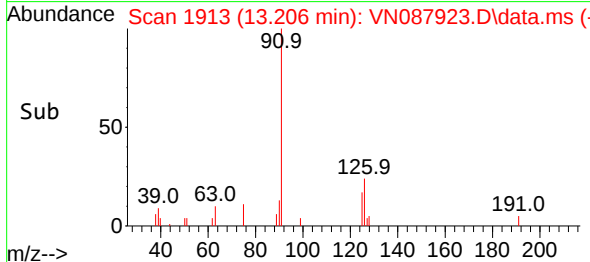
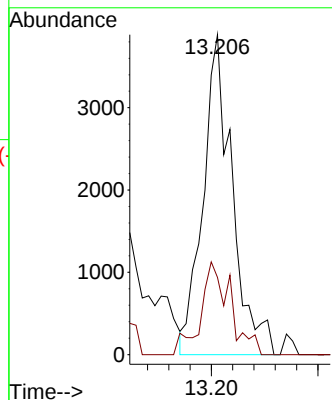
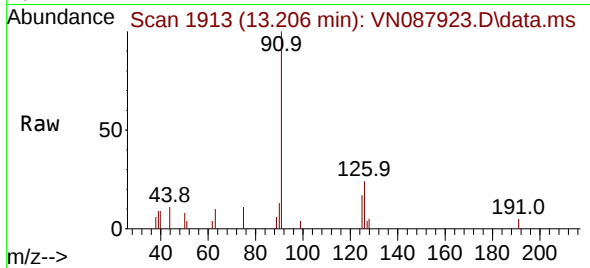
#82  
4-Chlorotoluene  
Concen: 0.999 ug/l  
RT: 13.206 min Scan# 1912  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 91 Resp: 737  
Ion Ratio Lower Upper  
91 100  
126 29.7 16.9 50.6

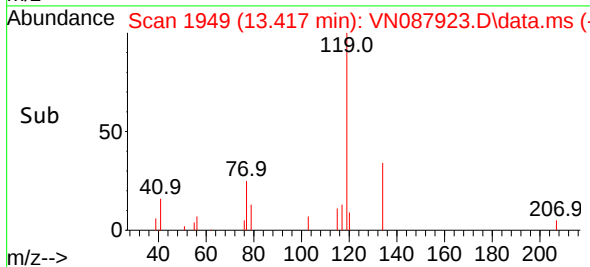
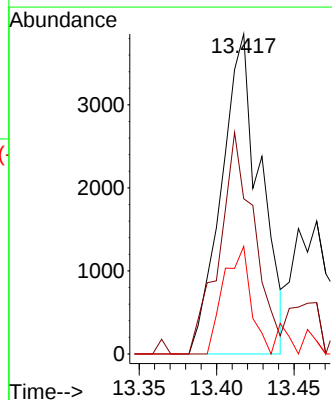
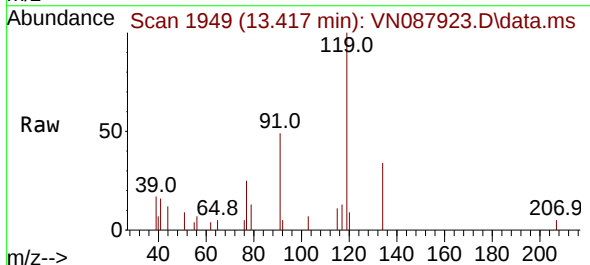
Manual Integrations  
APPROVED

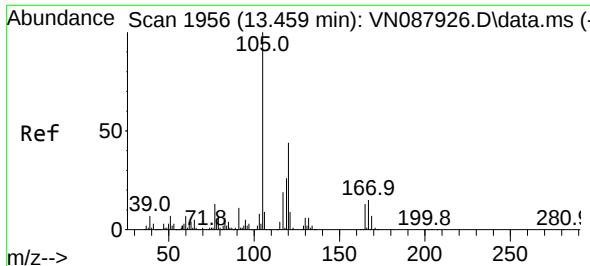
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#83  
tert-Butylbenzene  
Concen: 0.961 ug/l  
RT: 13.417 min Scan# 1949  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

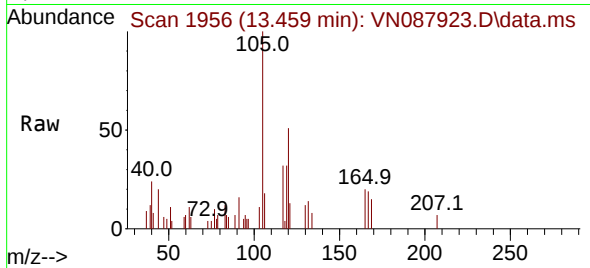
Tgt Ion:119 Resp: 6715  
Ion Ratio Lower Upper  
119 100  
91 62.2 32.1 96.3  
134 23.7 12.3 36.8





#84  
1,2,4-Trimethylbenzene  
Concen: 0.845 ug/l  
RT: 13.459 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

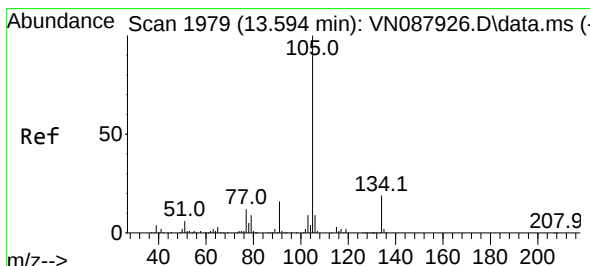
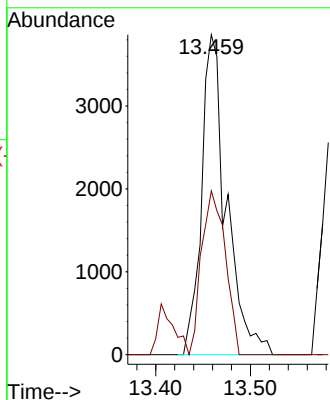
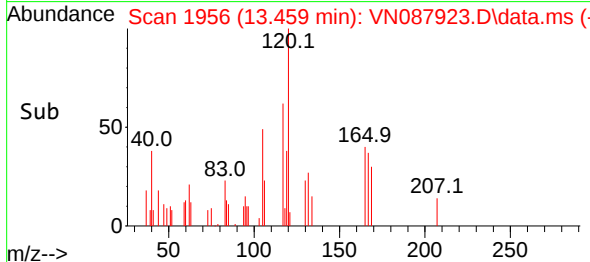
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



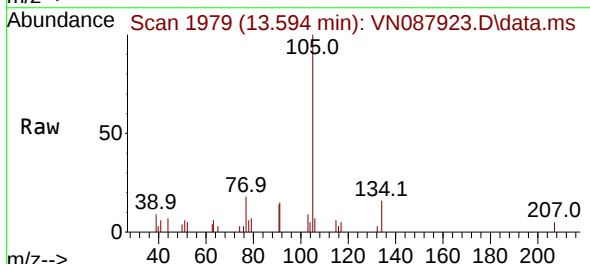
Tgt Ion:105 Resp: 7000  
Ion Ratio Lower Upper  
105 100  
120 49.1 22.4 67.3

Manual Integrations  
APPROVED

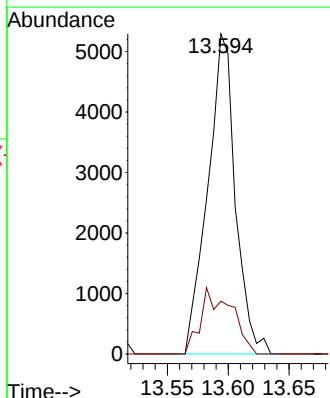
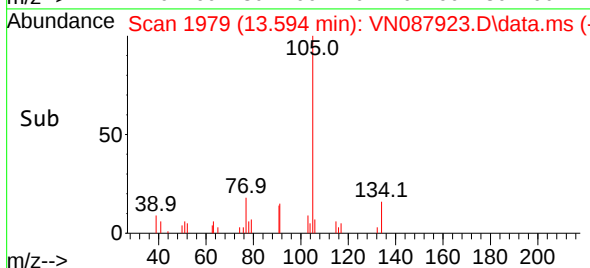
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

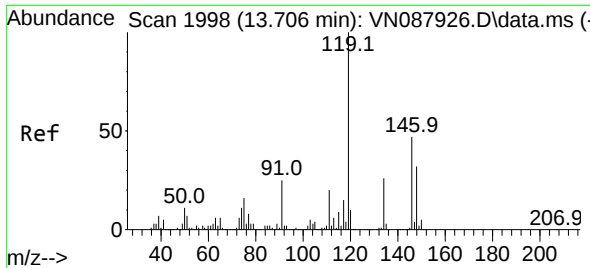


#85  
sec-Butylbenzene  
Concen: 0.835 ug/l  
RT: 13.594 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51



Tgt Ion:105 Resp: 8356  
Ion Ratio Lower Upper  
105 100  
134 23.1 9.6 28.8





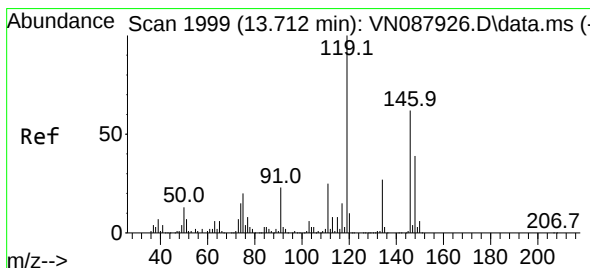
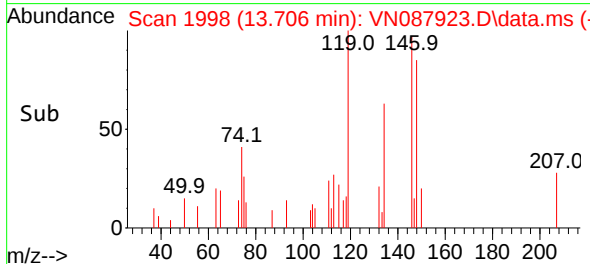
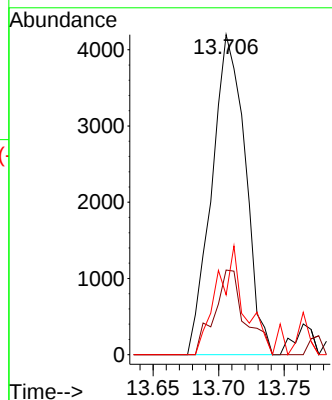
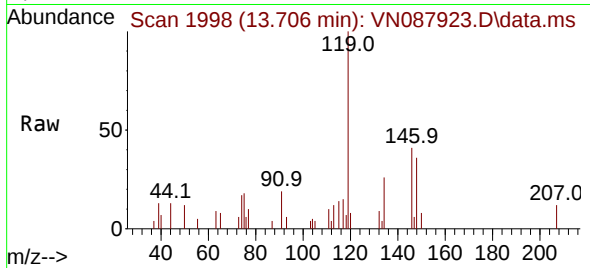
#86  
p-Isopropyltoluene  
Concen: 0.872 ug/l  
RT: 13.706 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Tgt Ion:119 Resp: 7444  
Ion Ratio Lower Upper  
119 100  
134 24.1 13.1 39.3  
91 28.2 11.9 35.5

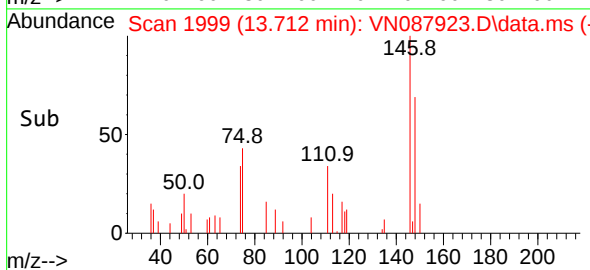
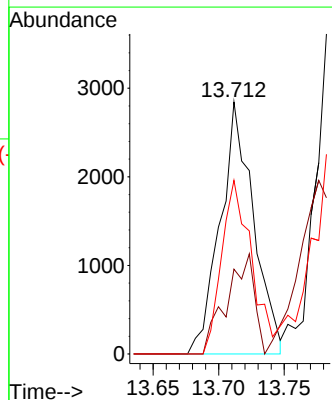
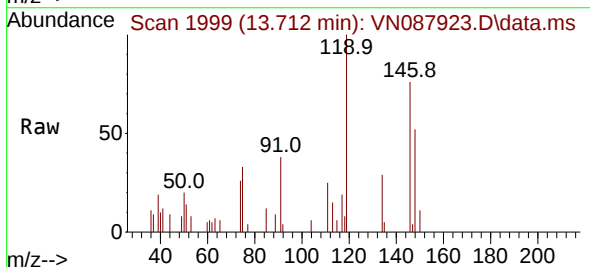
Manual Integrations  
APPROVED

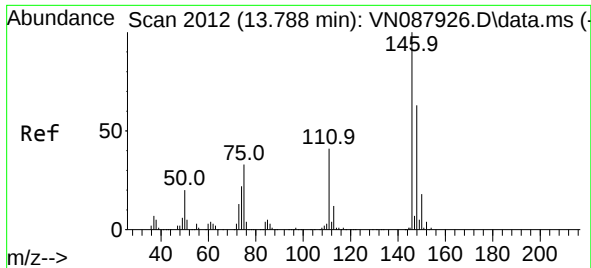
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#87  
1,3-Dichlorobenzene  
Concen: 1.004 ug/l  
RT: 13.712 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Tgt Ion:146 Resp: 5021  
Ion Ratio Lower Upper  
146 100  
111 33.2 20.3 60.8  
148 61.5 32.4 97.2





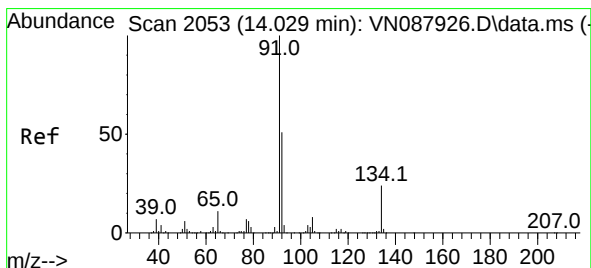
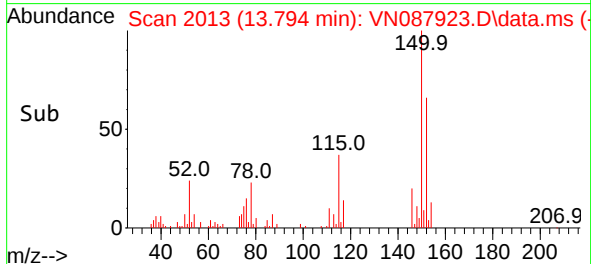
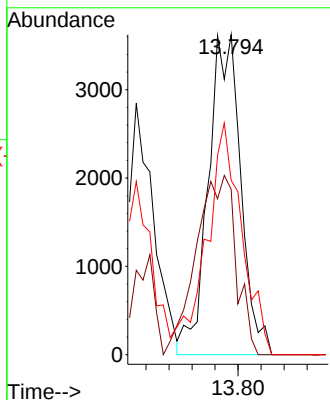
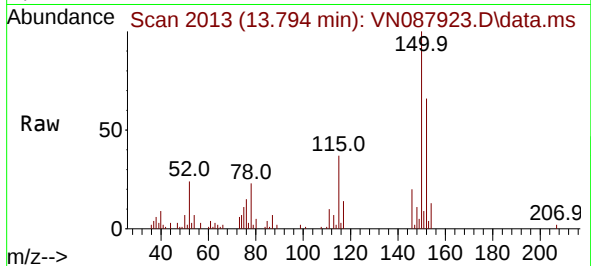
#88  
1,4-Dichlorobenzene  
Concen: 1.299 ug/l m  
RT: 13.794 min Scan# 2012  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Tgt Ion:146 Resp: 7090  
Ion Ratio Lower Upper  
146 100  
111 23.5 20.5 61.5  
148 43.5 32.8 98.4

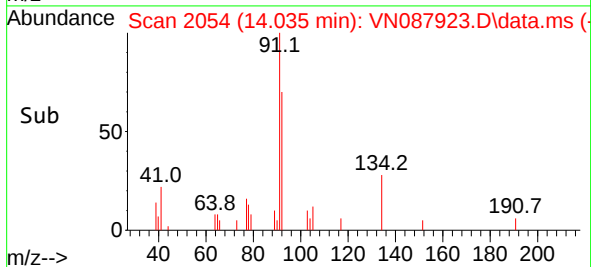
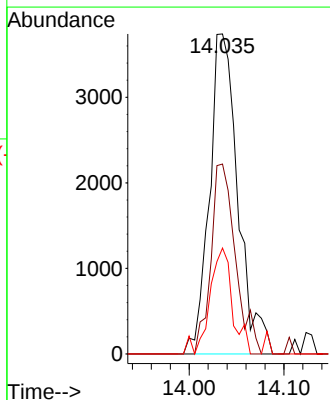
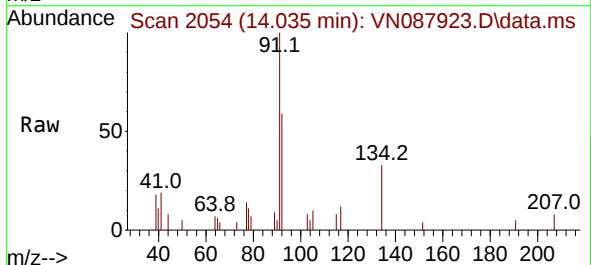
Manual Integrations  
APPROVED

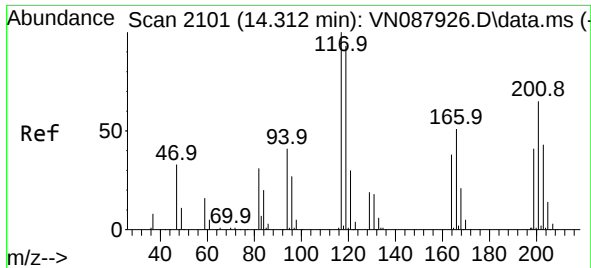
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#89  
n-Butylbenzene  
Concen: 0.955 ug/l  
RT: 14.035 min Scan# 2054  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

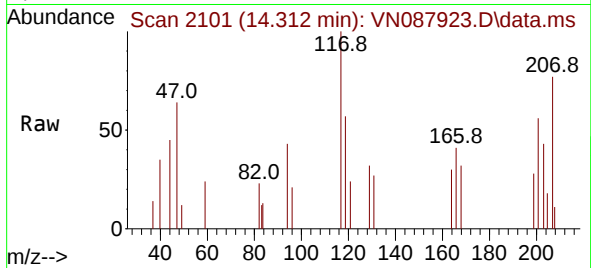
Tgt Ion: 91 Resp: 7822  
Ion Ratio Lower Upper  
91 100  
92 51.1 25.9 77.8  
134 26.2 12.6 37.8





#90  
Hexachloroethane  
Concen: 1.231 ug/l  
RT: 14.312 min Scan# 2101  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

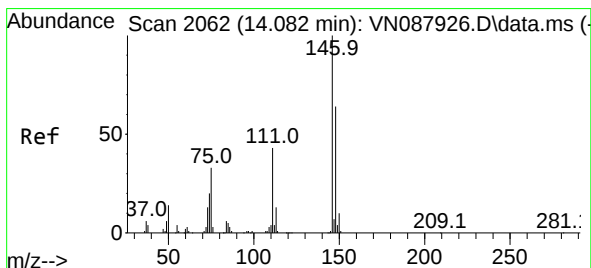
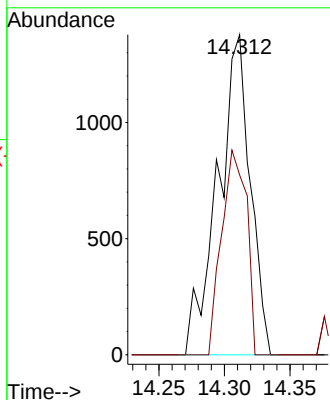
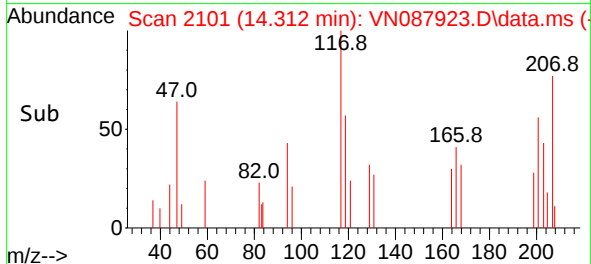
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



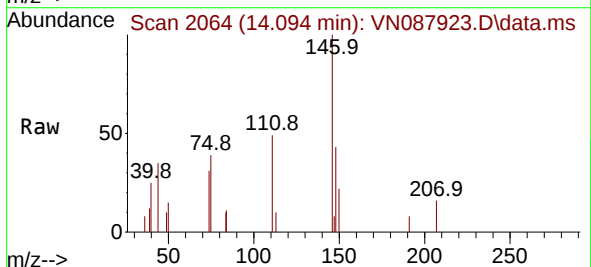
Tgt Ion:117 Resp: 2359  
Ion Ratio Lower Upper  
117 100  
201 49.3 33.6 100.6

Manual Integrations  
APPROVED

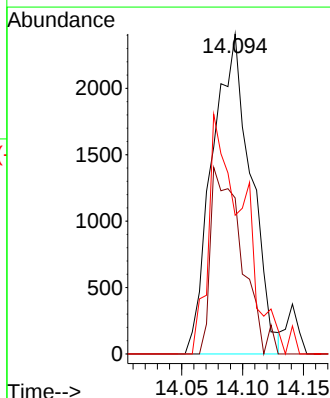
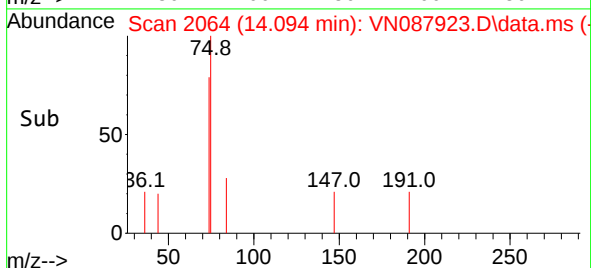
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

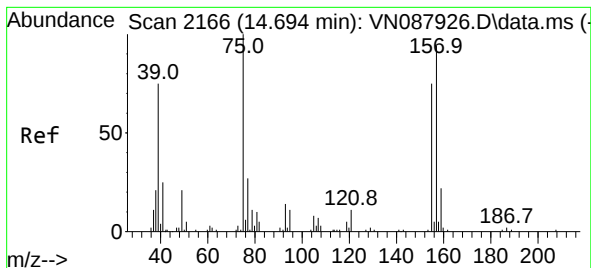


#91  
1,2-Dichlorobenzene  
Concen: 1.089 ug/l  
RT: 14.094 min Scan# 2064  
Delta R.T. 0.012 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51



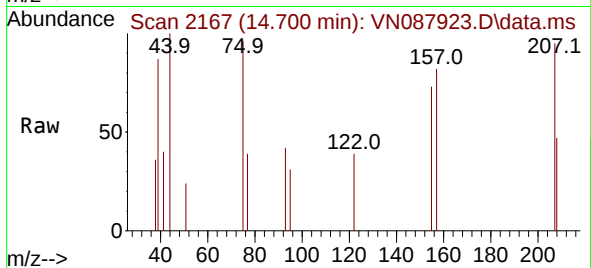
Tgt Ion:146 Resp: 5339  
Ion Ratio Lower Upper  
146 100  
111 46.5 20.9 62.7  
148 66.8 31.9 95.9





#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.989 ug/l  
RT: 14.700 min Scan# 2166  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

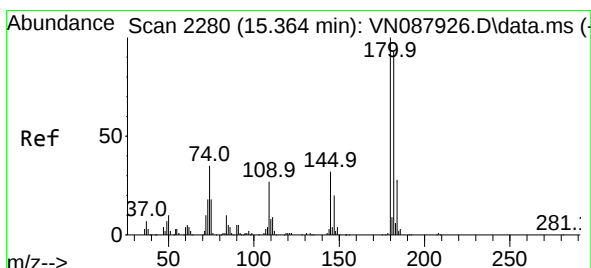
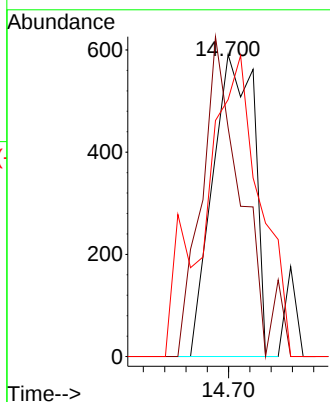
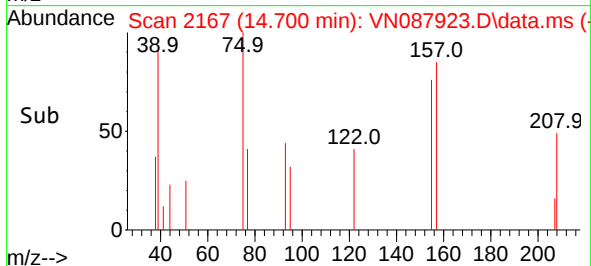
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



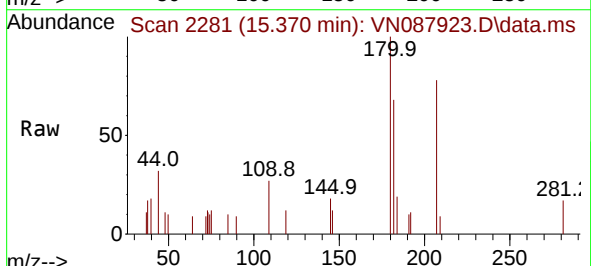
Tgt Ion: 75 Resp: 799  
Ion Ratio Lower Upper  
75 100  
155 103.4 40.2 120.6  
157 135.0 50.9 152.7

Manual Integrations  
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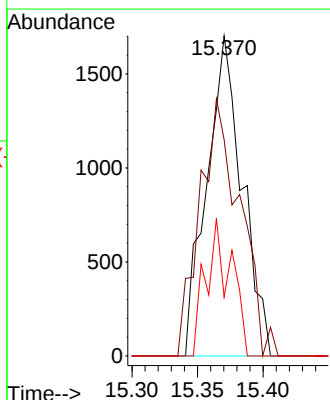
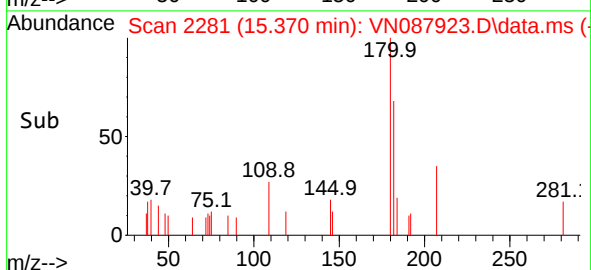
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

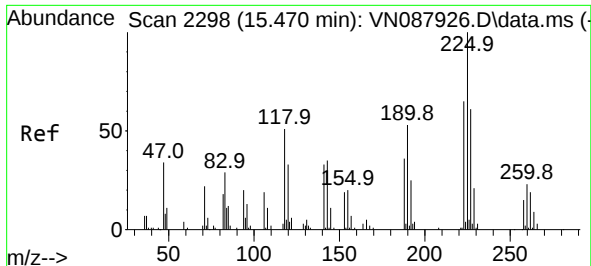


#93  
1,2,4-Trichlorobenzene  
Concen: 1.103 ug/l  
RT: 15.370 min Scan# 2281  
Delta R.T. 0.006 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51



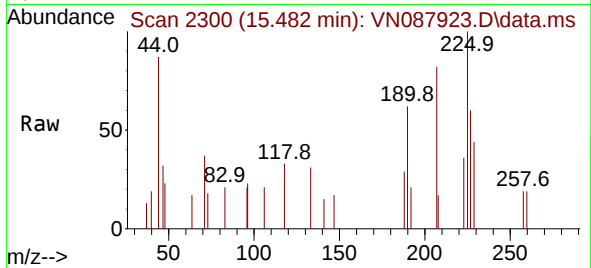
Tgt Ion:180 Resp: 3202  
Ion Ratio Lower Upper  
180 100  
182 90.9 48.5 145.5  
145 30.5 15.9 47.6





#94  
Hexachlorobutadiene  
Concen: 1.321 ug/l  
RT: 15.482 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

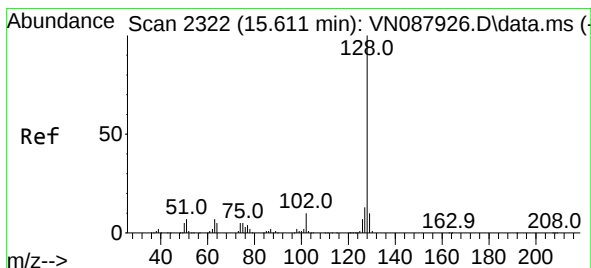
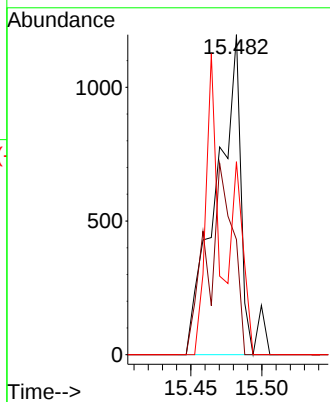
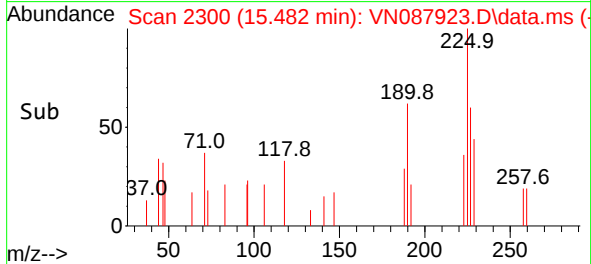
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



Tgt Ion:225 Resp: 1478  
Ion Ratio Lower Upper  
225 100  
223 0.0 31.8 95.4#  
227 25.2 31.9 95.9#

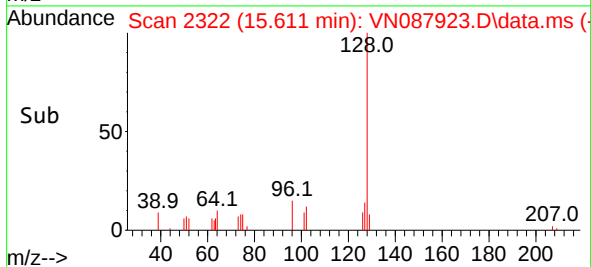
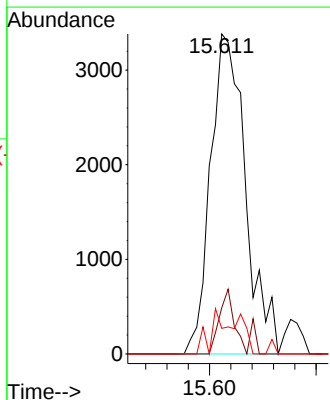
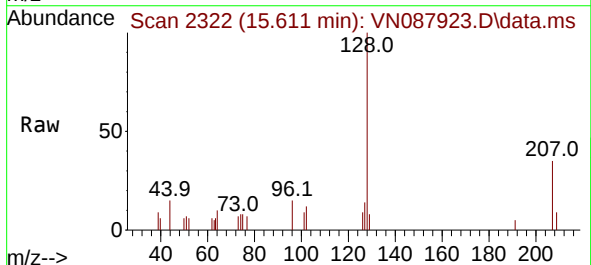
Manual Integrations  
APPROVED

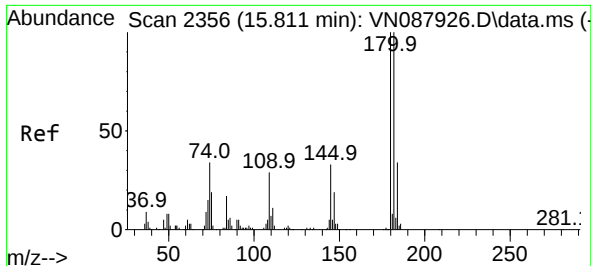
Reviewed By :John Carbone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#95  
Naphthalene  
Concen: 0.867 ug/l  
RT: 15.611 min Scan# 2322  
Delta R.T. 0.000 min  
Lab File: VN087923.D  
Acq: 23 Sep 2025 08:51

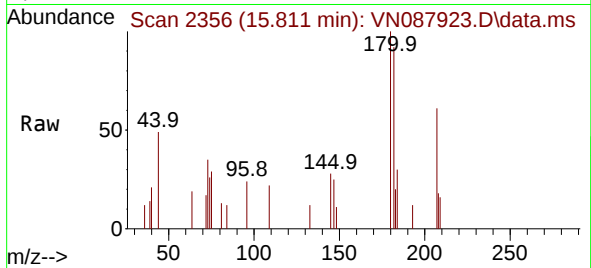
Tgt Ion:128 Resp: 7710  
Ion Ratio Lower Upper  
128 100  
127 8.6 10.2 15.4#  
129 7.3 8.6 13.0#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.994 ug/l  
 RT: 15.811 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN087923.D  
 Acq: 23 Sep 2025 08:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



Tgt Ion:180 Resp: 2740  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 47.3 142.0  
 145 18.2 16.1 48.3

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 09/24/2025  
 Supervised By :Mahesh Dadoda 09/26/2025

