

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092325\  
 Data File : VN087928.D  
 Acq On : 23 Sep 2025 10:56  
 Operator : JC\MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

Quant Time: Sep 24 04:49:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092325W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 04:45:42 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  | 261684               | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.082          | 114  | 469572               | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.841         | 117  | 448321               | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.770         | 152  | 234506               | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                      |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.559          | 65   | 688147               | 156.257 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 312.520%# |         |        |          |
| 35) Dibromofluoromethane     | 8.147          | 113  | 529816               | 155.401 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 310.800%# |         |        |          |
| 50) Toluene-d8               | 10.547         | 98   | 1953189              | 162.910 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 325.820%# |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.829         | 95   | 698306               | 162.944 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = 325.880%# |         |        |          |
| Target Compounds             |                |      |                      |         |        |          |
|                              |                |      |                      |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142          | 85   | 480645               | 158.601 | ug/l   | 97       |
| 3) Chloromethane             | 2.383          | 50   | 472896               | 152.400 | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.536          | 62   | 481283               | 152.029 | ug/l   | 99       |
| 5) Bromomethane              | 2.942          | 94   | 325624               | 165.915 | ug/l   | 97       |
| 6) Chloroethane              | 3.118          | 64   | 319724               | 155.328 | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.500          | 101  | 775109               | 150.380 | ug/l   | 98       |
| 8) Diethyl Ether             | 3.959          | 74   | 304158               | 156.198 | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.359          | 101  | 414564               | 152.176 | ug/l   | 97       |
| 10) Methyl Iodide            | 4.577          | 142  | 465699               | 189.939 | ug/l   | 97       |
| 11) Tert butyl alcohol       | 5.530          | 59   | 507633               | 800.280 | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.336          | 96   | 423177               | 153.951 | ug/l   | 91       |
| 13) Acrolein                 | 4.177          | 56   | 683544               | 839.839 | ug/l   | 95       |
| 14) Allyl chloride           | 5.012          | 41   | 726966               | 162.449 | ug/l   | 96       |
| 15) Acrylonitrile            | 5.706          | 53   | 1569579              | 788.849 | ug/l   | 99       |
| 16) Acetone                  | 4.418          | 43   | 1277870              | 700.927 | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.700          | 76   | 1312297              | 152.800 | ug/l   | 98       |
| 18) Methyl Acetate           | 5.012          | 43   | 732961               | 161.634 | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 5.789          | 73   | 1771056              | 164.937 | ug/l   | 98       |
| 20) Methylene Chloride       | 5.259          | 84   | 534218               | 145.657 | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 5.771          | 96   | 513466               | 152.375 | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.659          | 45   | 1726637              | 165.280 | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.588          | 43   | 7327627m             | 833.068 | ug/l   |          |
| 24) 1,1-Dichloroethane       | 6.553          | 63   | 947100               | 155.178 | ug/l   | 99       |
| 25) 2-Butanone               | 7.471          | 43   | 2176088              | 785.726 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.471          | 77   | 839353               | 154.787 | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.471          | 96   | 631177               | 157.420 | ug/l   | 99       |
| 28) Bromochloromethane       | 7.794          | 49   | 447101               | 134.830 | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.824          | 42   | 1456588              | 821.368 | ug/l   | 99       |
| 30) Chloroform               | 7.947          | 83   | 1030586              | 154.431 | ug/l   | 100      |
| 31) Cyclohexane              | 8.235          | 56   | 746273               | 151.116 | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 8.147          | 97   | 889373               | 157.722 | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.353          | 75   | 673022               | 164.170 | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.547          | 43   | 874349               | 162.416 | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.341          | 117  | 763232               | 162.245 | ug/l   | 93       |
| 39) Methylcyclohexane        | 9.576          | 83   | 791897               | 175.104 | ug/l   | 98       |
| 40) Benzene                  | 8.588          | 78   | 2169328              | 159.817 | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092325\  
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 Acq On : 23 Sep 2025 10:56  
 Operator : JC\MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

Quant Time: Sep 24 04:49:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092325W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 04:45:42 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) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.765  | 41   | 460218   | 165.421  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.653  | 62   | 796063   | 157.154  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.671  | 43   | 1418775  | 167.431  | ug/l   | 99       |
| 44) Trichloroethene           | 9.329  | 130  | 517259   | 159.533  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.600  | 63   | 530435   | 155.841  | ug/l   | 98       |
| 46) Dibromomethane            | 9.688  | 93   | 432679   | 161.101  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.865  | 83   | 840816   | 159.615  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.665  | 41   | 674610   | 171.912  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.682  | 88   | 190965   | 3294.105 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.424 | 43   | 4326882  | 818.303  | ug/l   | 100      |
| 52) Toluene                   | 10.606 | 92   | 1406217  | 165.088  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.818 | 75   | 916112   | 169.924  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.294 | 75   | 928185   | 165.762  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.994 | 97   | 540596   | 156.087  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.853 | 69   | 907047   | 181.247  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.141 | 76   | 916449   | 160.877  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.141 | 63   | 2200367  | 935.130  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.176 | 43   | 3073538  | 879.085  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.335 | 129  | 674217   | 165.568  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.447 | 107  | 590968   | 161.179  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.082 | 164  | 440710   | 161.378  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.870 | 112  | 1551249  | 162.594  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.935 | 131  | 550130   | 159.899  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.941 | 91   | 2719603  | 170.833  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.047 | 106  | 2063388  | 338.900  | ug/l   | 98       |
| 69) o-Xylene                  | 12.376 | 106  | 1010983  | 172.832  | ug/l   | 99       |
| 70) Styrene                   | 12.388 | 104  | 1764226  | 175.610  | ug/l   | 99       |
| 71) Bromoform                 | 12.559 | 173  | 473708   | 169.708  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.670 | 105  | 2569941  | 176.821  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.482 | 43   | 869458   | 200.832  | ug/l # | 71       |
| 75) 1,1,2,2-Tetrachloroethane | 12.917 | 83   | 821974   | 156.965  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.970 | 75   | 748421m  | 160.891  | ug/l   |          |
| 77) Bromobenzene              | 12.959 | 156  | 644570   | 166.683  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.012 | 91   | 3116141  | 171.486  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.100 | 91   | 1861996  | 168.288  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.153 | 105  | 2165785  | 172.277  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.717 | 75   | 314140   | 188.706  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.200 | 91   | 1903146  | 170.704  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.417 | 119  | 1845254  | 173.412  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 2233067  | 173.177  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.594 | 105  | 2666471  | 170.918  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 2296563  | 173.808  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.712 | 146  | 1227647  | 162.683  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.788 | 146  | 1227019  | 158.218  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.035 | 91   | 2137754  | 171.197  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.306 | 117  | 445654   | 161.465  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.082 | 146  | 1177111  | 161.827  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 201299   | 165.436  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.364 | 180  | 773312   | 180.060  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.470 | 225  | 263904   | 166.949  | ug/l   | 100      |
| 95) Naphthalene               | 15.611 | 128  | 2600638  | 188.641  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 751222   | 179.922  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092325\  
Data File : VN087928.D  
Acq On : 23 Sep 2025 10:56  
Operator : JC\MD  
Sample : VSTDICC150  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150

Manual Integrations  
APPROVED

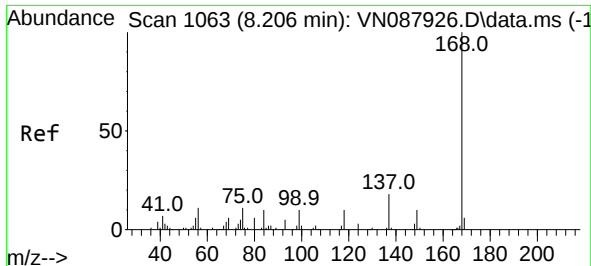
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:49:44 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092325W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 04:45:42 2025  
Response via : Initial Calibration

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

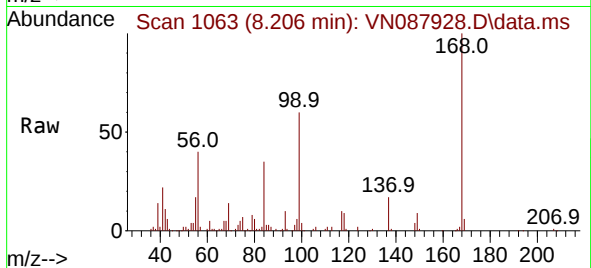
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

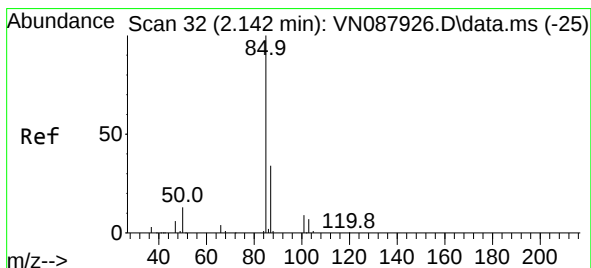
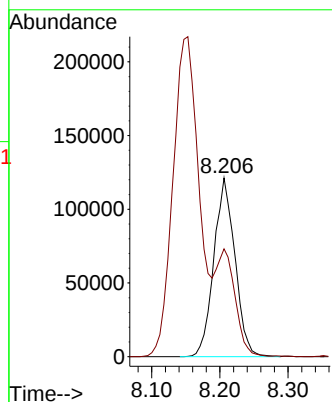
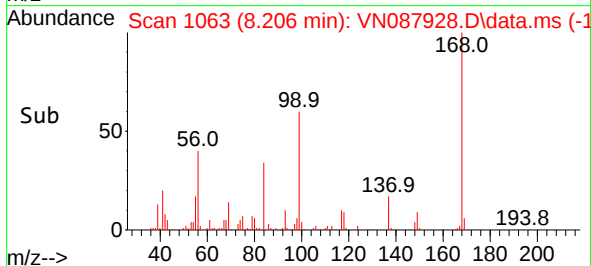
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



Tgt Ion:168 Resp: 261684  
Ion Ratio Lower Upper  
168 100  
99 60.0 52.2 78.2

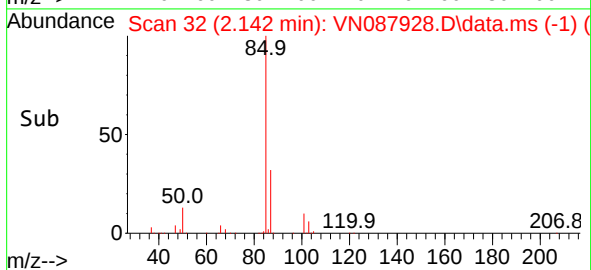
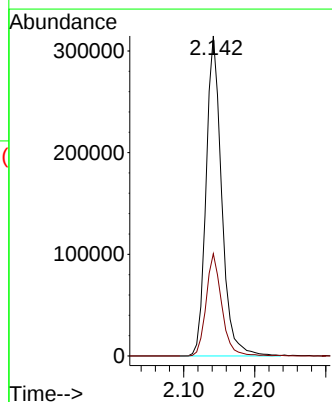
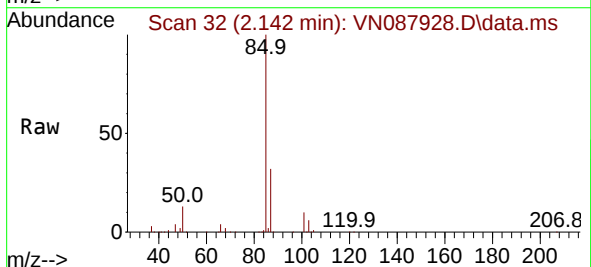
Manual Integrations  
APPROVED

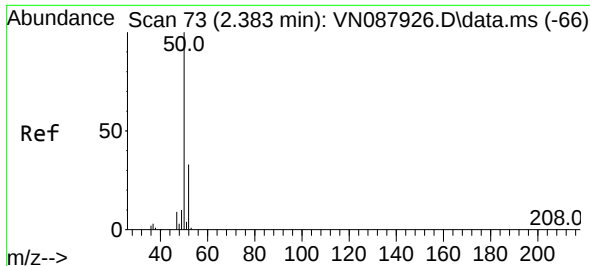
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#2  
Dichlorodifluoromethane  
Concen: 158.601 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

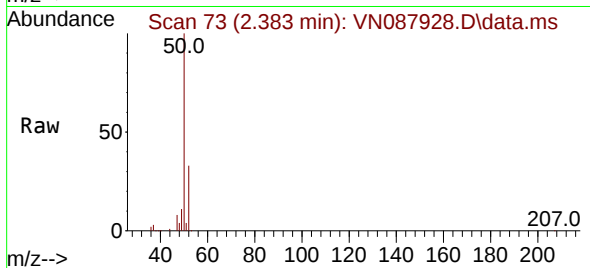
Tgt Ion: 85 Resp: 480645  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.9 50.6





#3  
Chloromethane  
Concen: 152.400 ug/l  
RT: 2.383 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

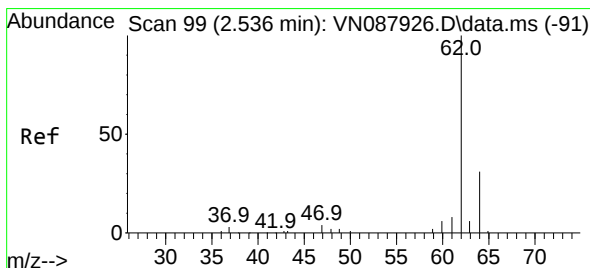
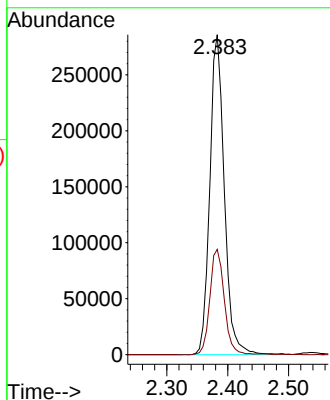
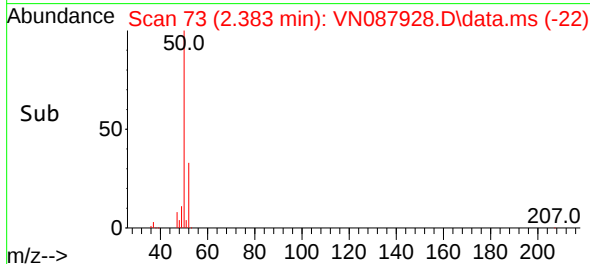
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 50 Resp: 472890  
Ion Ratio Lower Upper  
50 100  
52 32.9 26.6 40.0

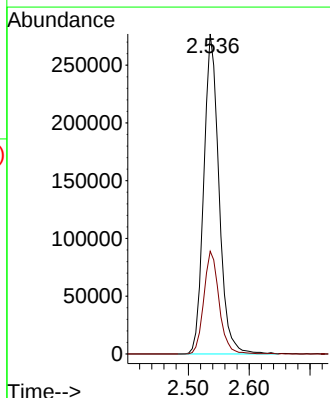
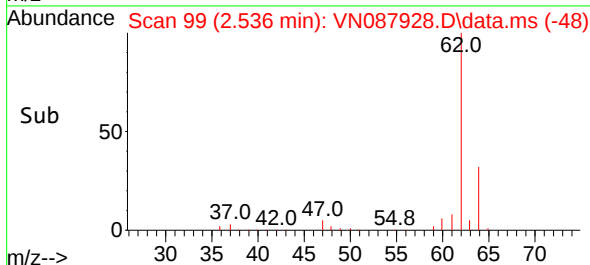
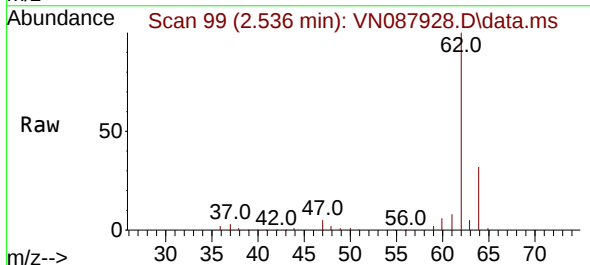
Manual Integrations  
APPROVED

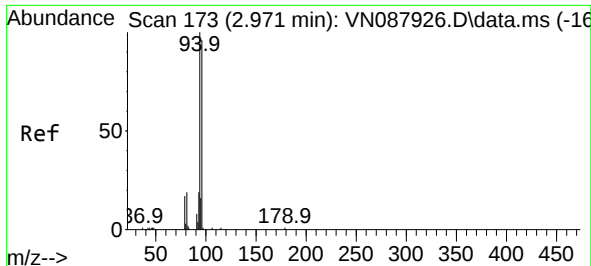
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#4  
Vinyl Chloride  
Concen: 152.029 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

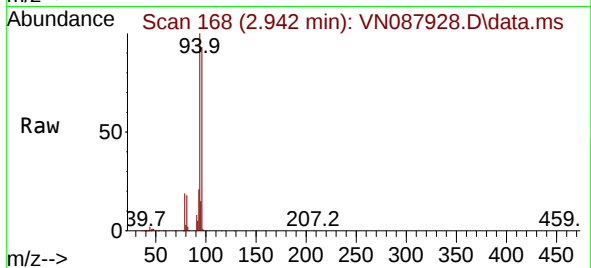
Tgt Ion: 62 Resp: 481283  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.2 37.8





#5  
Bromomethane  
Concen: 165.915 ug/l  
RT: 2.942 min Scan# 1  
Delta R.T. -0.029 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

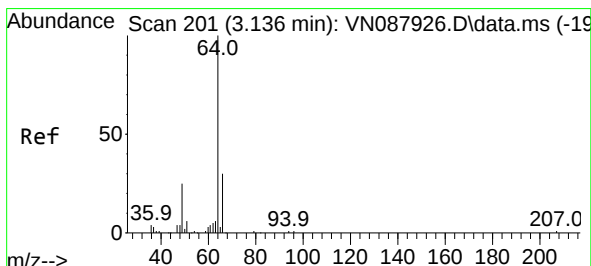
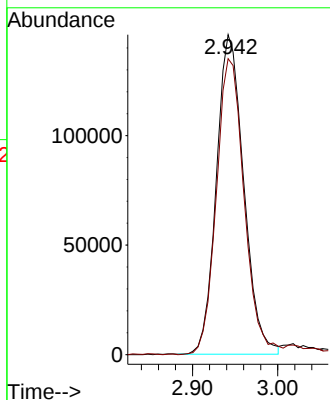
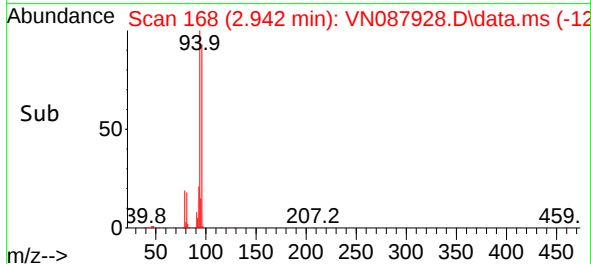
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



Tgt Ion: 94 Resp: 325624  
Ion Ratio Lower Upper  
94 100  
96 92.6 76.8 115.2

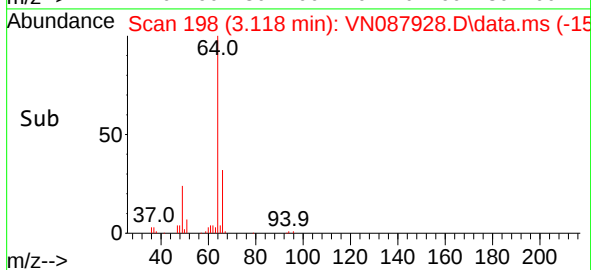
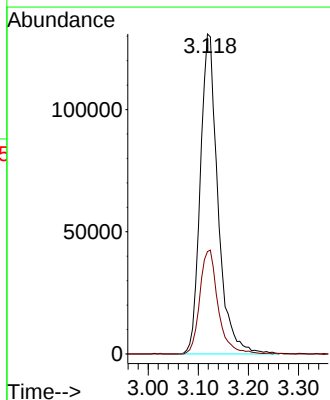
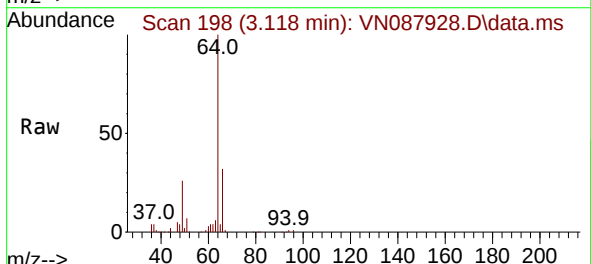
Manual Integrations  
APPROVED

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



#6  
Chloroethane  
Concen: 155.328 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.018 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

Tgt Ion: 64 Resp: 319724  
Ion Ratio Lower Upper  
64 100  
66 32.0 23.8 35.8





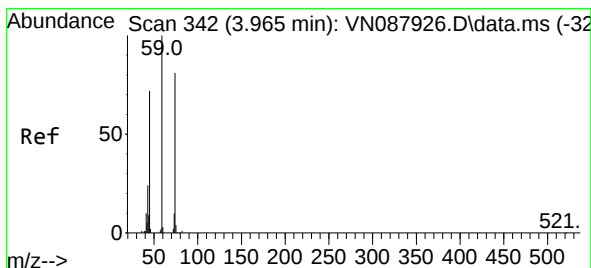
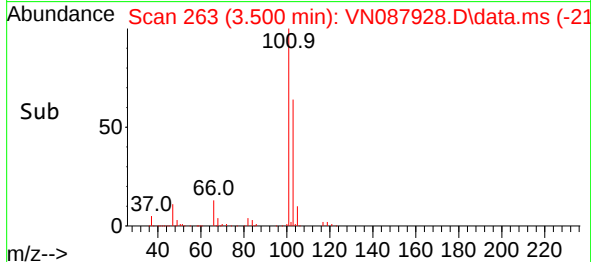
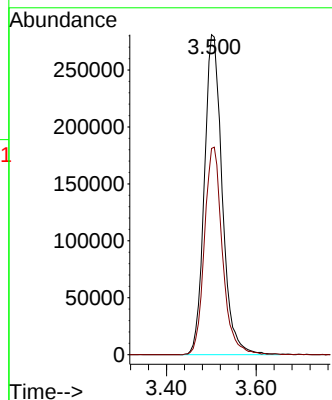
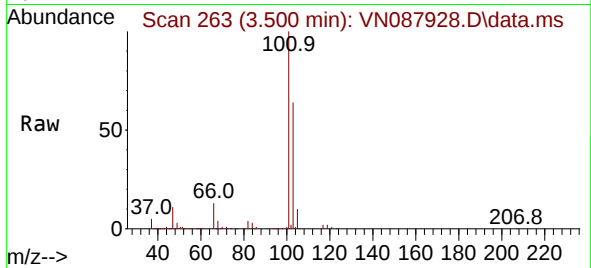
#7  
Trichlorofluoromethane  
Concen: 150.380 ug/l  
RT: 3.500 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion:101 Resp: 775109  
Ion Ratio Lower Upper  
101 100  
103 64.5 50.2 75.4

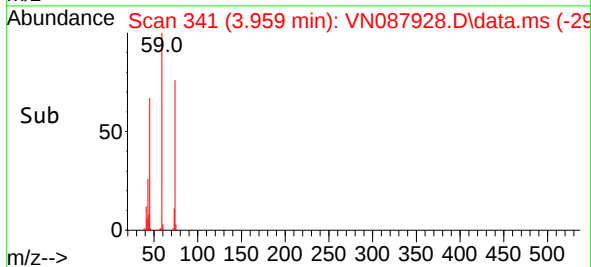
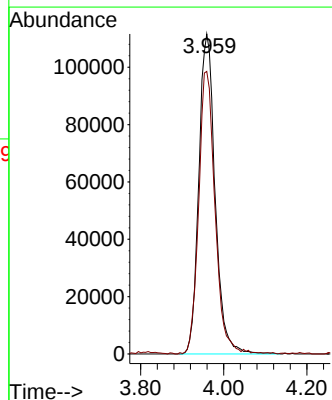
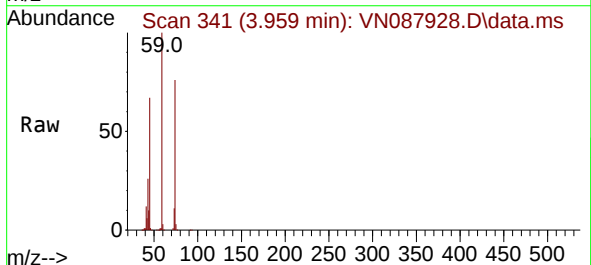
Manual Integrations  
APPROVED

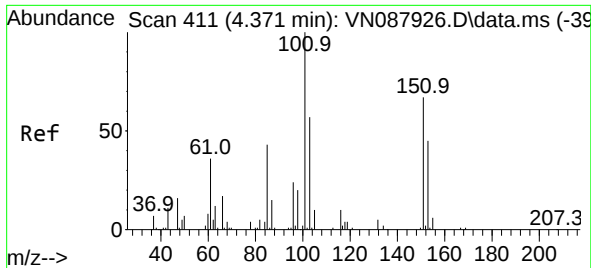
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#8  
Diethyl Ether  
Concen: 156.198 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

Tgt Ion: 74 Resp: 304158  
Ion Ratio Lower Upper  
74 100  
45 88.3 45.4 136.1





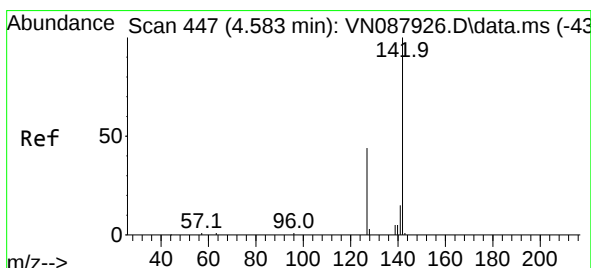
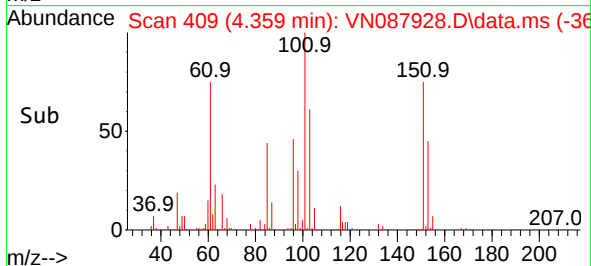
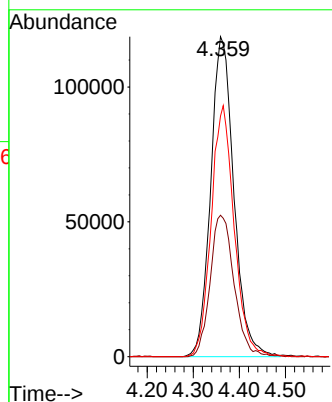
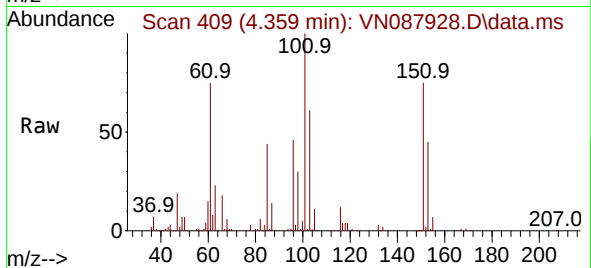
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 152.176 ug/l  
RT: 4.359 min Scan# 409  
Delta R.T. -0.012 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion:101 Resp: 414564  
Ion Ratio Lower Upper  
101 100  
85 45.6 36.5 54.7  
151 77.9 58.6 87.8

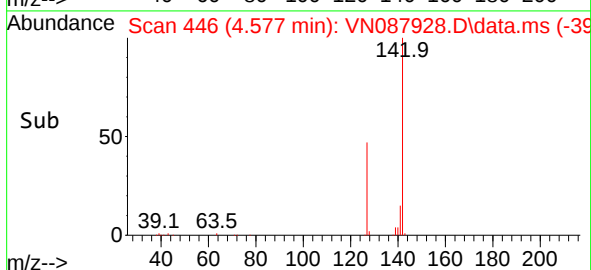
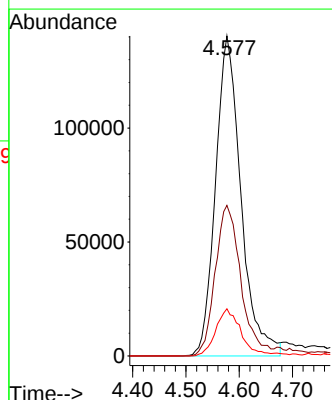
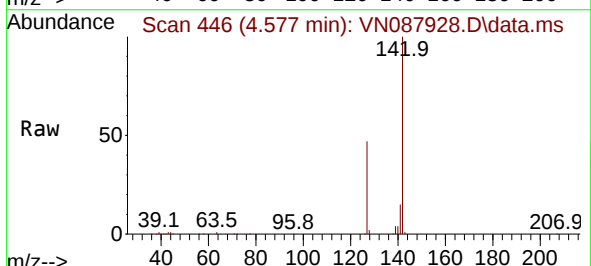
Manual Integrations  
APPROVED

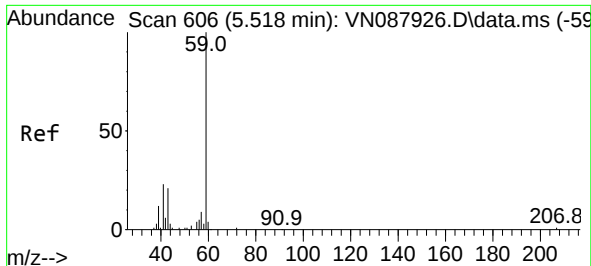
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#10  
Methyl Iodide  
Concen: 189.939 ug/l  
RT: 4.577 min Scan# 446  
Delta R.T. -0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

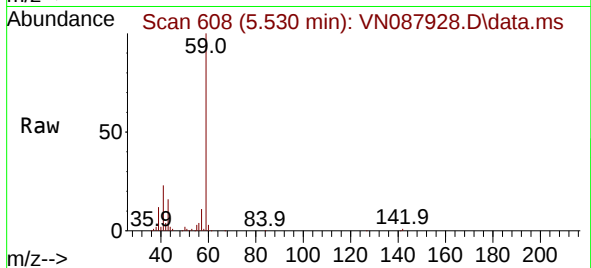
Tgt Ion:142 Resp: 465699  
Ion Ratio Lower Upper  
142 100  
127 47.1 35.3 52.9  
141 14.8 11.8 17.8





#11  
Tert butyl alcohol  
Concen: 800.280 ug/l  
RT: 5.530 min Scan# 606  
Delta R.T. 0.012 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

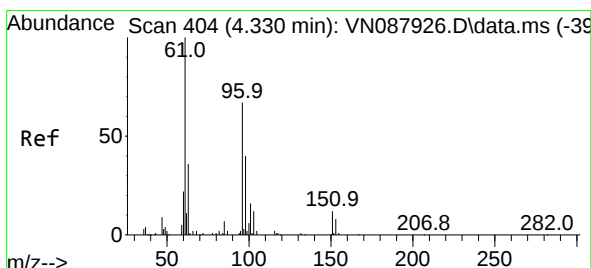
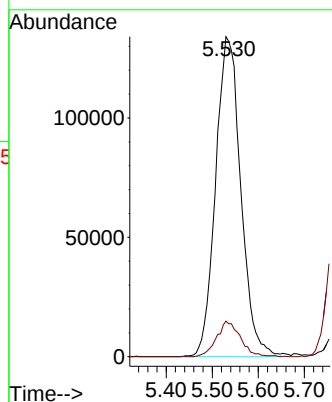
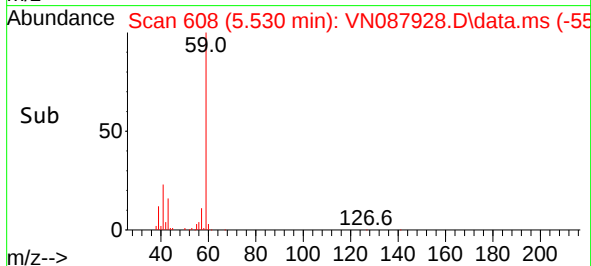
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



Tgt Ion: 59 Resp: 50763  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.8 13.2

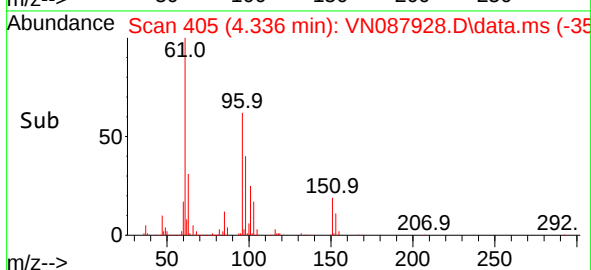
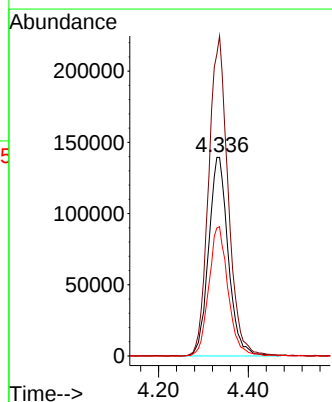
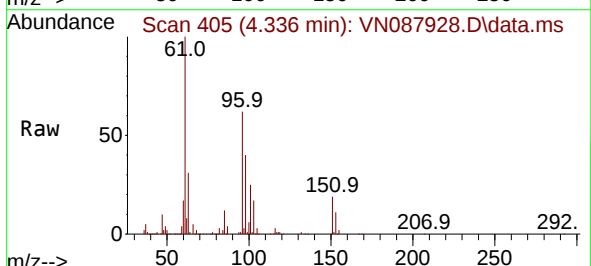
Manual Integrations  
APPROVED

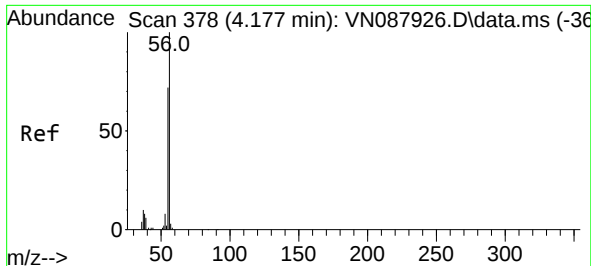
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#12  
1,1-Dichloroethene  
Concen: 153.951 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. 0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

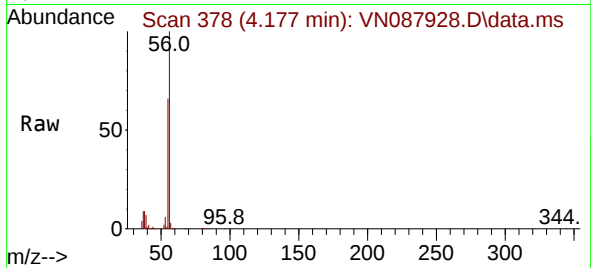
Tgt Ion: 96 Resp: 423177  
Ion Ratio Lower Upper  
96 100  
61 161.1 119.2 178.8  
98 65.1 47.5 71.3





#13  
Acrolein  
Concen: 839.839 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

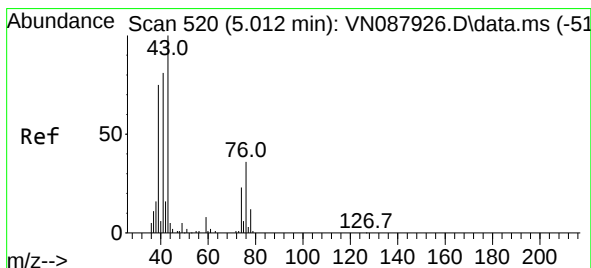
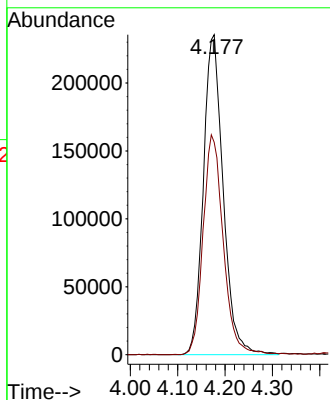
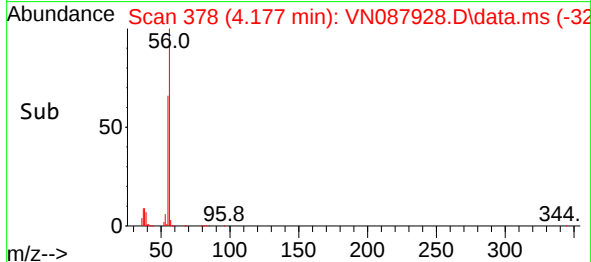
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



Tgt Ion: 56 Resp: 683544  
Ion Ratio Lower Upper  
56 100  
55 69.8 59.3 88.9

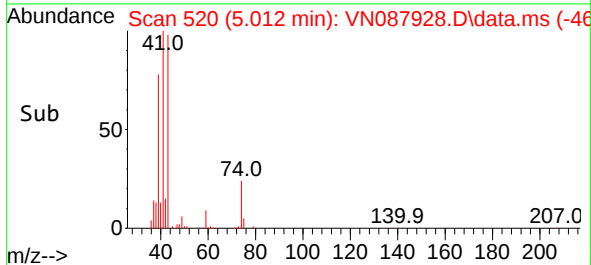
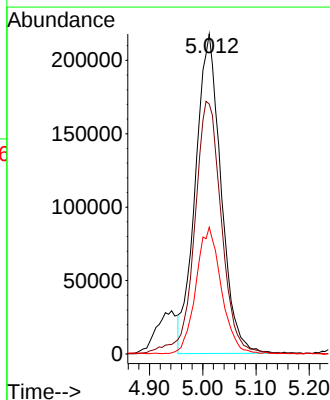
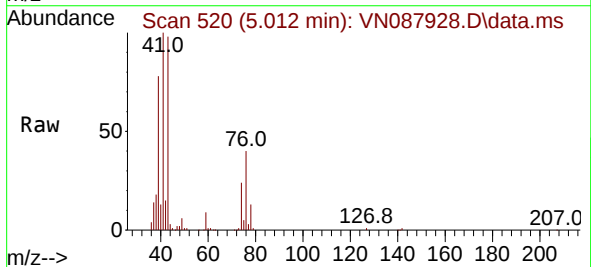
Manual Integrations  
APPROVED

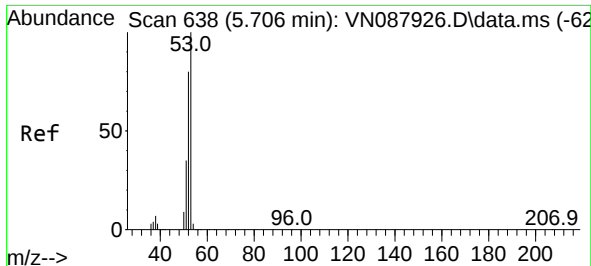
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#14  
Allyl chloride  
Concen: 162.449 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

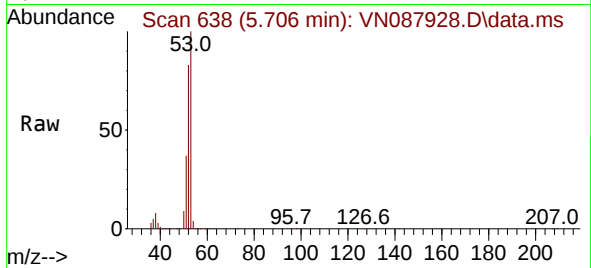
Tgt Ion: 41 Resp: 726966  
Ion Ratio Lower Upper  
41 100  
39 83.3 63.8 95.8  
76 39.0 33.0 49.6





#15  
Acrylonitrile  
Concen: 788.849 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

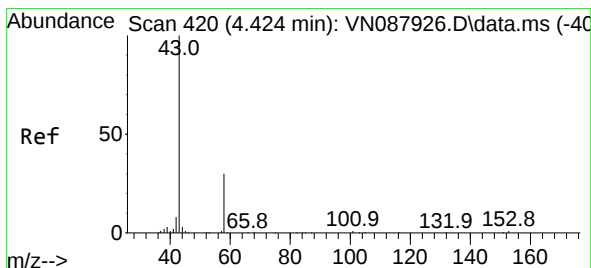
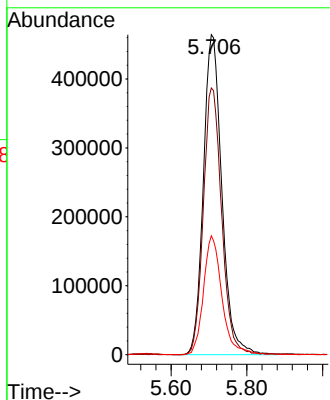
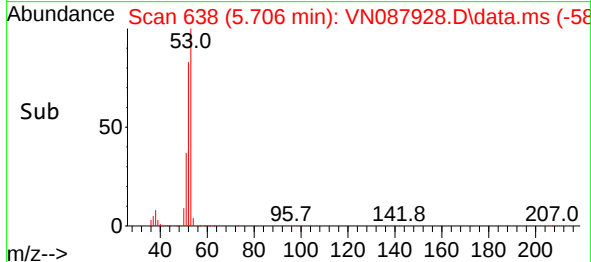
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



Tgt Ion: 53 Resp: 1569579  
Ion Ratio Lower Upper  
53 100  
52 82.5 66.6 99.8  
51 37.0 29.0 43.4

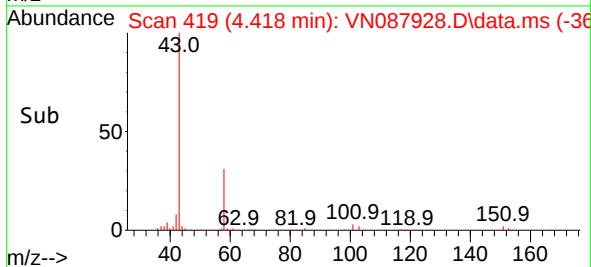
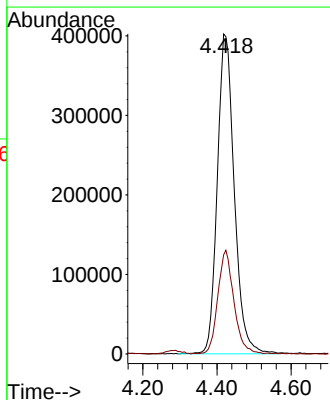
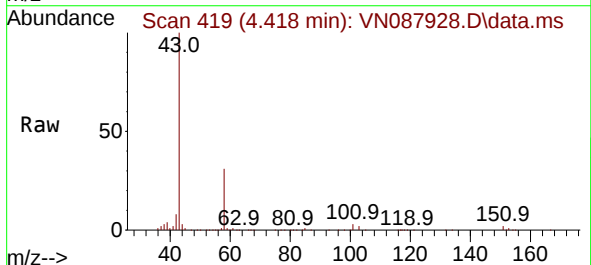
Manual Integrations  
APPROVED

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



#16  
Acetone  
Concen: 700.927 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

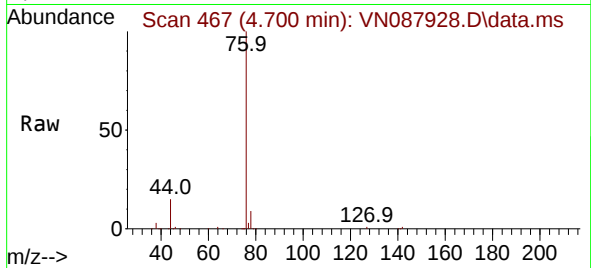
Tgt Ion: 43 Resp: 1277870  
Ion Ratio Lower Upper  
43 100  
58 30.9 24.1 36.1





#17  
Carbon Disulfide  
Concen: 152.800 ug/l  
RT: 4.700 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

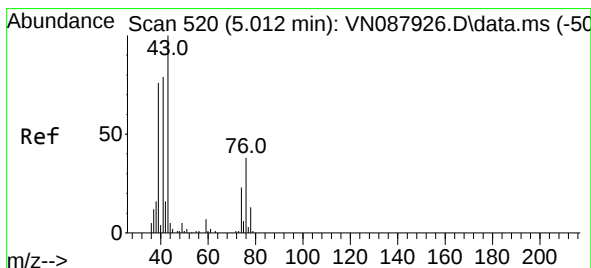
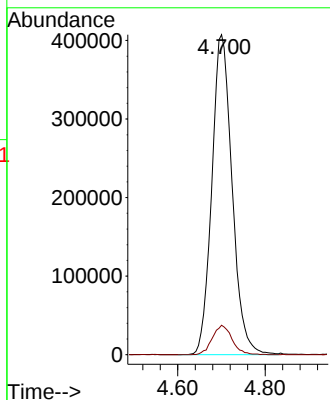
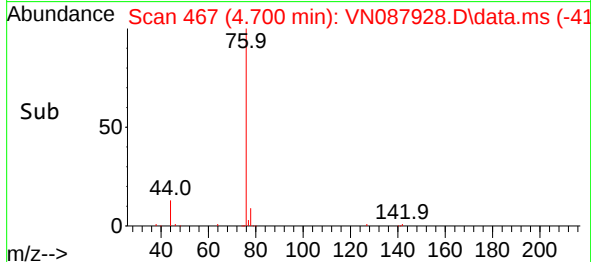
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



Tgt Ion: 76 Resp: 131229  
Ion Ratio Lower Upper  
76 100  
78 9.2 6.7 10.1

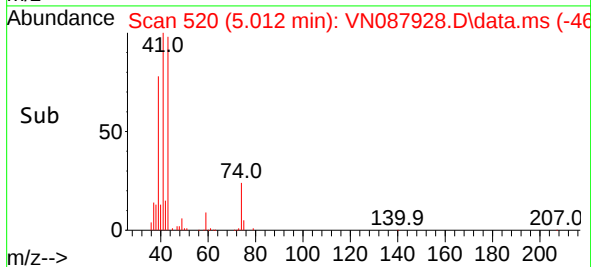
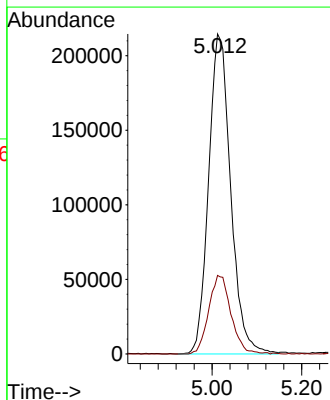
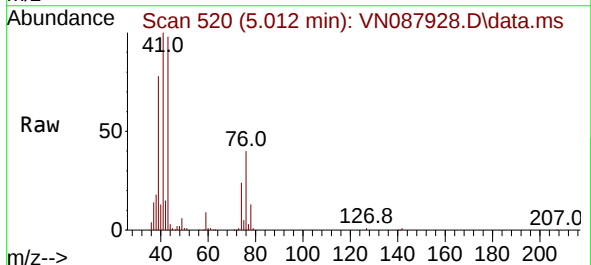
Manual Integrations  
APPROVED

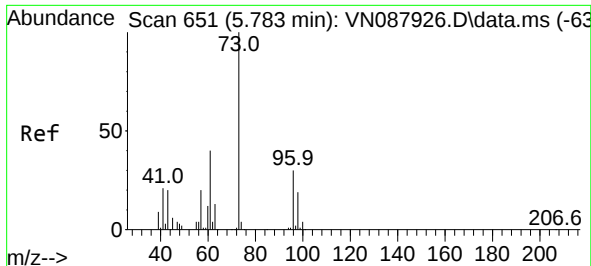
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#18  
Methyl Acetate  
Concen: 161.634 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

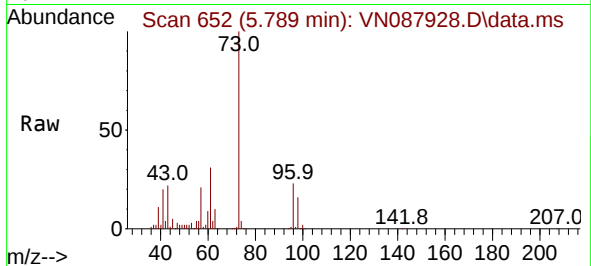
Tgt Ion: 43 Resp: 732961  
Ion Ratio Lower Upper  
43 100  
74 24.8 19.7 29.5





#19  
Methyl tert-butyl Ether  
Concen: 164.937 ug/l  
RT: 5.789 min Scan# 651  
Delta R.T. 0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

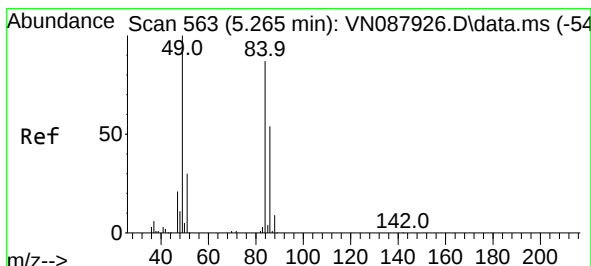
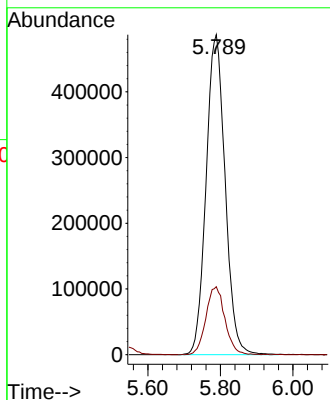
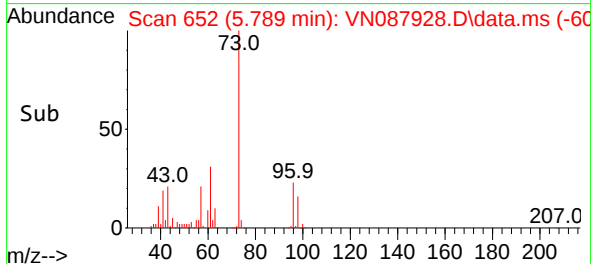
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 73 Resp: 1771056  
Ion Ratio Lower Upper  
73 100  
57 21.3 16.3 24.5

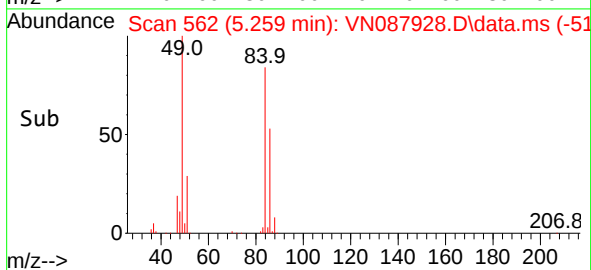
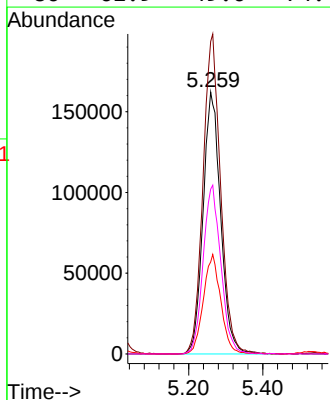
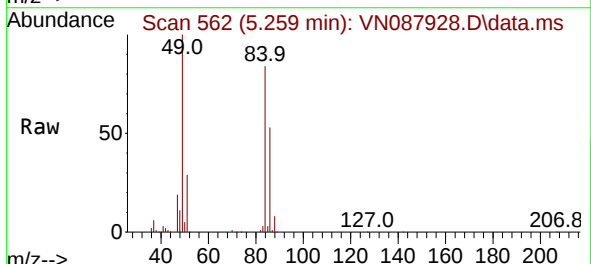
Manual Integrations  
APPROVED

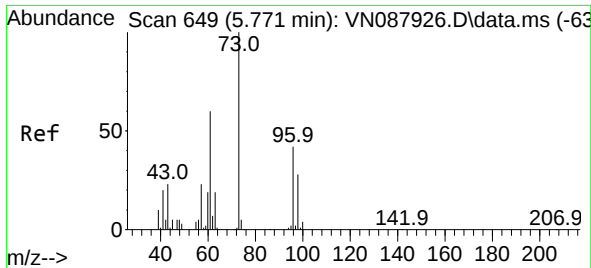
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#20  
Methylene Chloride  
Concen: 145.657 ug/l  
RT: 5.259 min Scan# 562  
Delta R.T. -0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

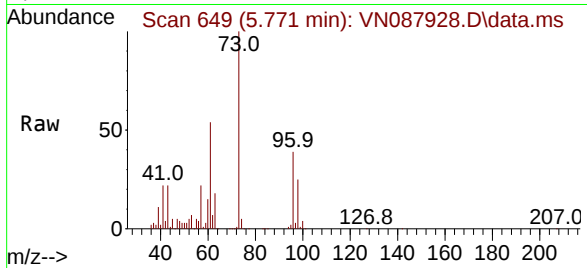
Tgt Ion: 84 Resp: 534218  
Ion Ratio Lower Upper  
84 100  
49 119.3 92.1 138.1  
51 35.1 27.7 41.5  
86 62.9 49.6 74.4





#21  
trans-1,2-Dichloroethene  
Concen: 152.375 ug/l  
RT: 5.771 min Scan# 649  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

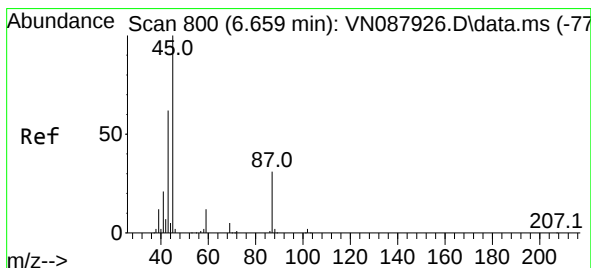
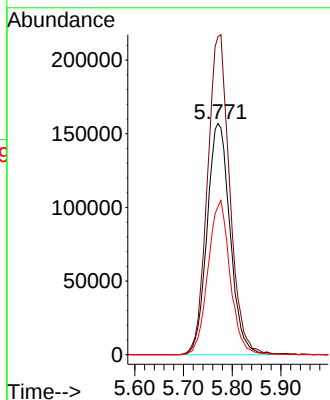
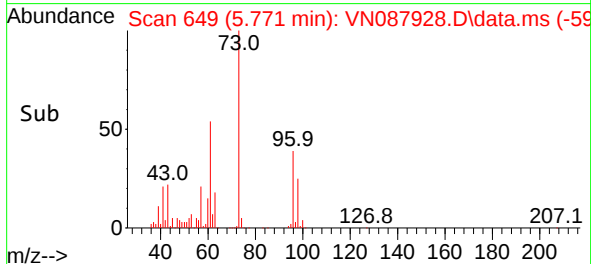
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 96 Resp: 513460  
Ion Ratio Lower Upper  
96 100  
61 137.6 114.4 171.6  
98 64.1 53.6 80.4

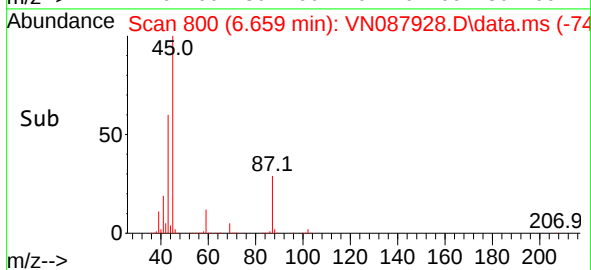
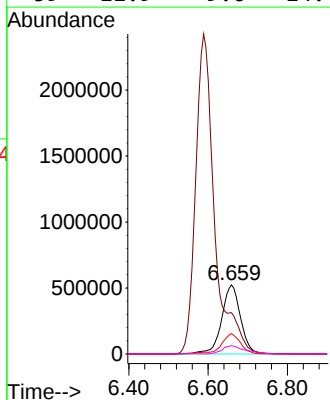
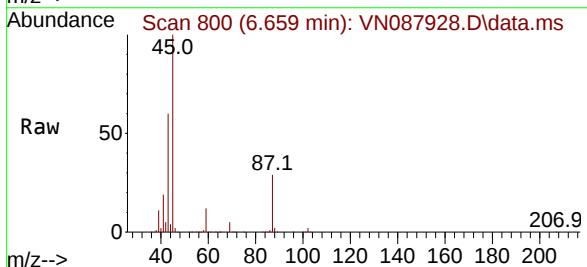
Manual Integrations  
APPROVED

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



#22  
Diisopropyl ether  
Concen: 165.280 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

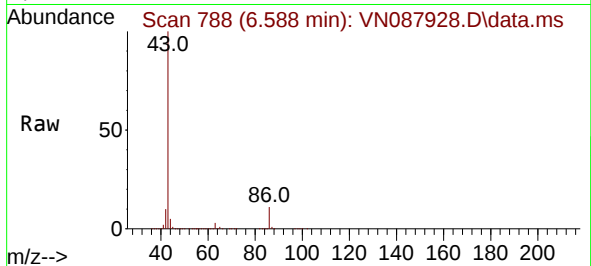
Tgt Ion: 45 Resp: 1726637  
Ion Ratio Lower Upper  
45 100  
43 59.4 49.9 74.9  
87 29.4 25.2 37.8  
59 11.9 9.6 14.4





#23  
 Vinyl Acetate  
 Concen: 833.068 ug/l m  
 RT: 6.588 min Scan# 788  
 Delta R.T. -0.000 min  
 Lab File: VN087928.D  
 Acq: 23 Sep 2025 10:56

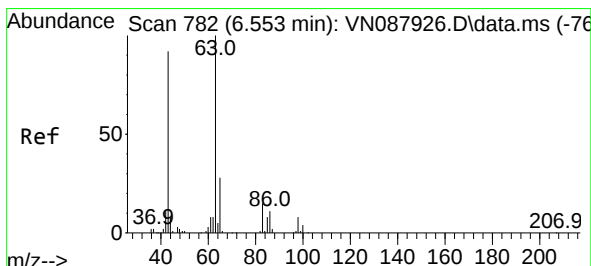
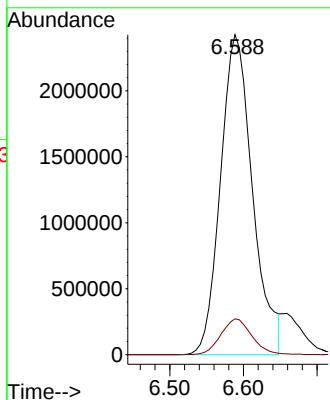
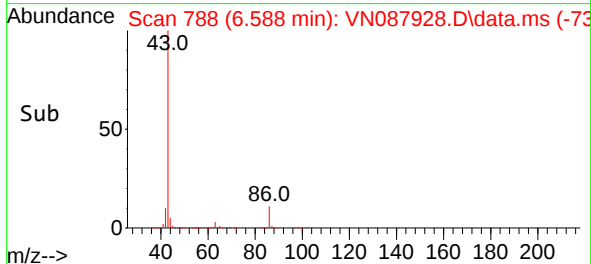
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150



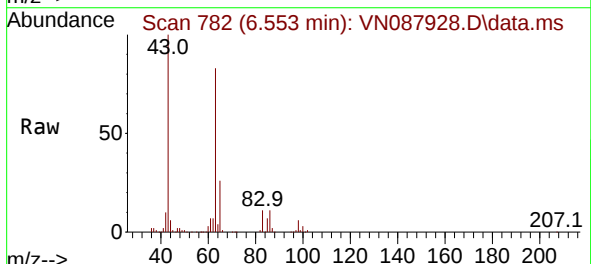
Tgt Ion: 43 Resp: 732762  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 8.6 12.8

Manual Integrations  
 APPROVED

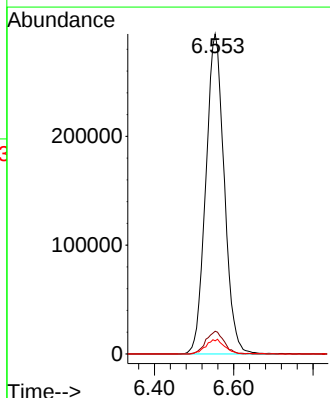
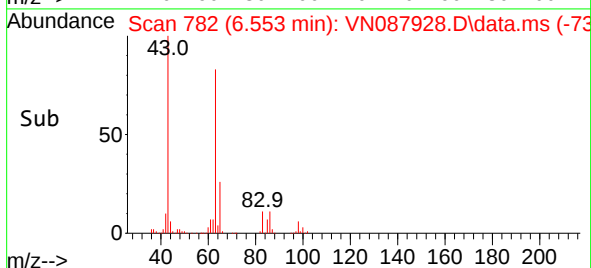
Reviewed By :John Carlone 09/24/2025  
 Supervised By :Mahesh Dadoda 09/26/2025



#24  
 1,1-Dichloroethane  
 Concen: 155.178 ug/l  
 RT: 6.553 min Scan# 782  
 Delta R.T. -0.000 min  
 Lab File: VN087928.D  
 Acq: 23 Sep 2025 10:56



Tgt Ion: 63 Resp: 947100  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.9 11.5  
 100 4.1 2.1 6.5





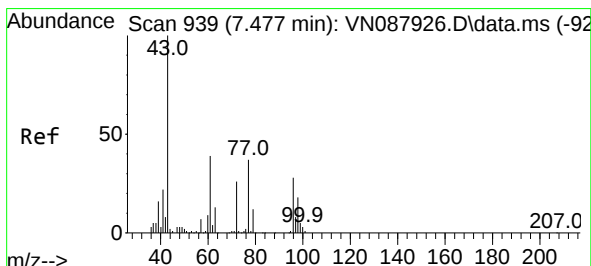
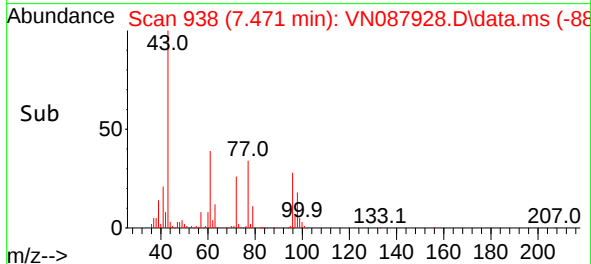
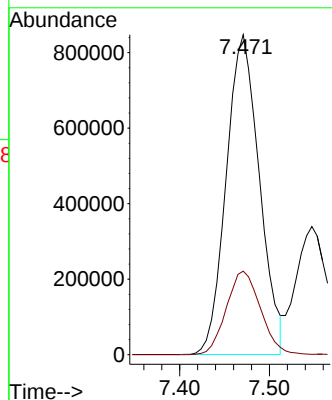
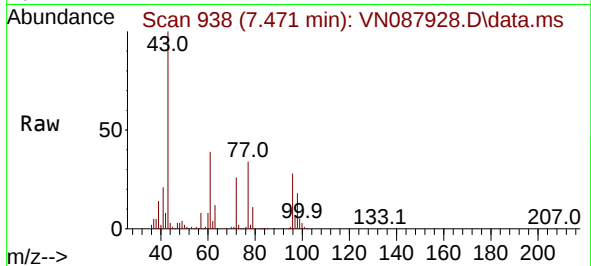
#25  
2-Butanone  
Concen: 785.726 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150

Tgt Ion: 43 Resp: 217608  
Ion Ratio Lower Upper  
43 100  
72 26.1 21.5 32.3

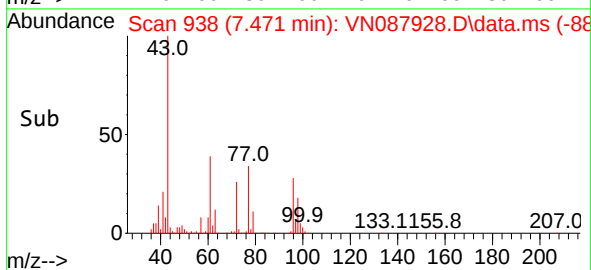
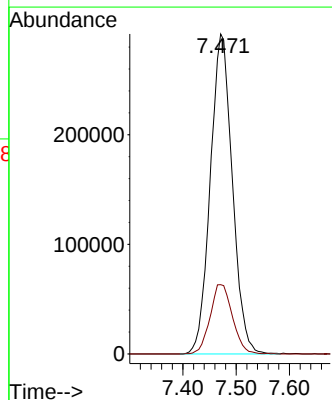
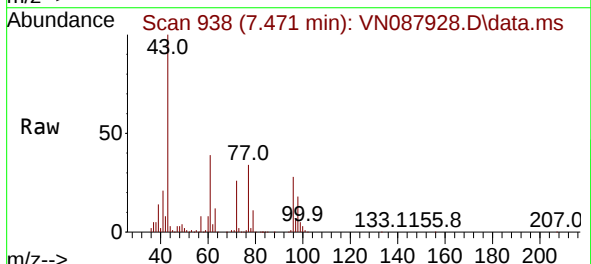
Manual Integrations  
APPROVED

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



#26  
2,2-Dichloropropane  
Concen: 154.787 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

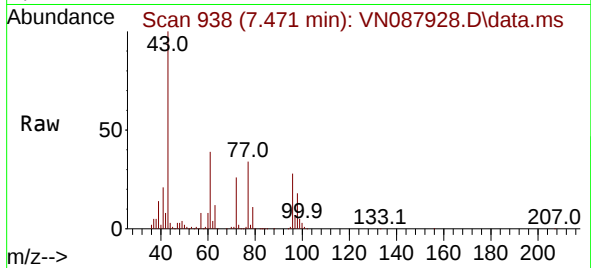
Tgt Ion: 77 Resp: 839353  
Ion Ratio Lower Upper  
77 100  
97 22.0 11.5 34.5





#27  
 cis-1,2-Dichloroethene  
 Concen: 157.420 ug/l  
 RT: 7.471 min Scan# 911  
 Delta R.T. -0.000 min  
 Lab File: VN087928.D  
 Acq: 23 Sep 2025 10:56

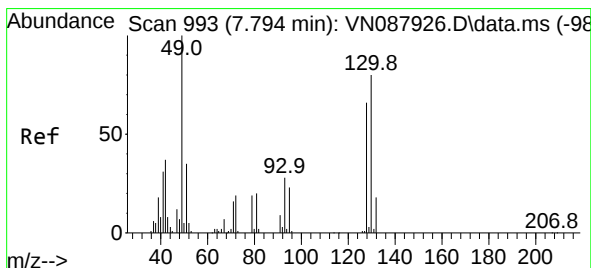
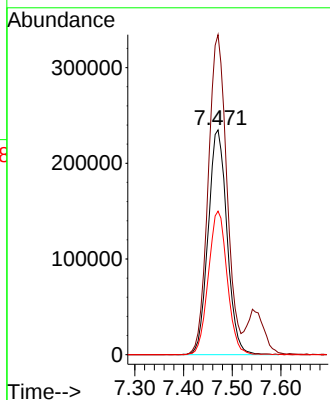
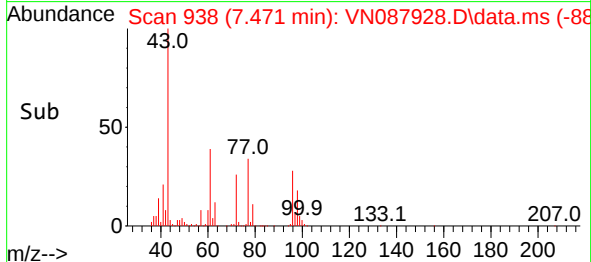
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150



Tgt Ion: 96 Resp: 63117  
 Ion Ratio Lower Upper  
 96 100  
 61 140.5 0.0 283.0  
 98 63.9 0.0 127.6

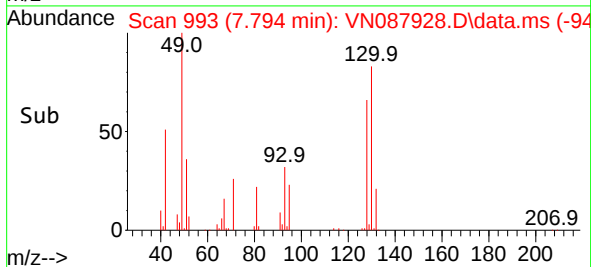
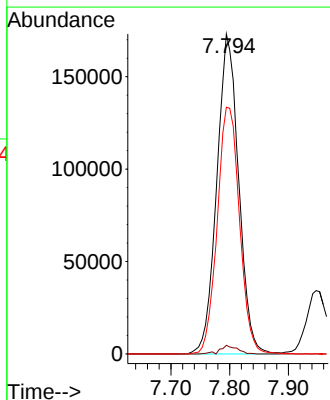
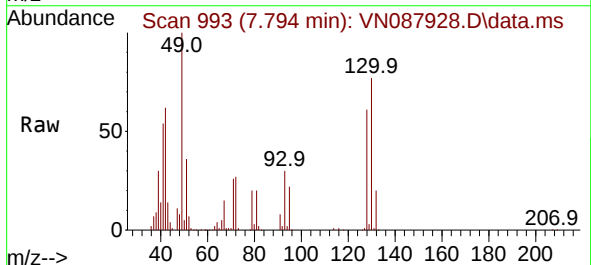
Manual Integrations  
 APPROVED

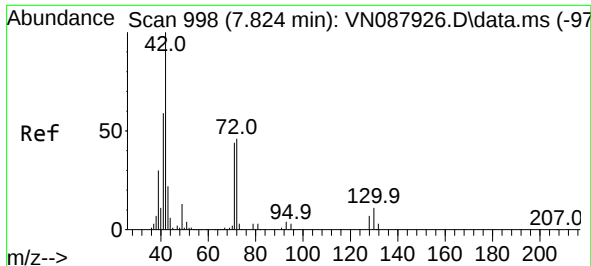
Reviewed By :John Carlone 09/24/2025  
 Supervised By :Mahesh Dadoda 09/26/2025



#28  
 Bromochloromethane  
 Concen: 134.830 ug/l  
 RT: 7.794 min Scan# 993  
 Delta R.T. -0.000 min  
 Lab File: VN087928.D  
 Acq: 23 Sep 2025 10:56

Tgt Ion: 49 Resp: 447101  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 5.4  
 130 78.7 62.6 94.0





#29

Tetrahydrofuran

Concen: 821.368 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 1456588

Ion Ratio Lower Upper

42 100

72 45.0 36.5 54.7

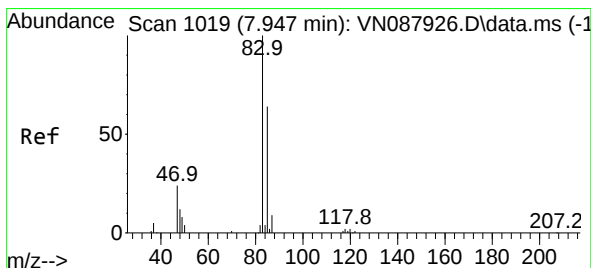
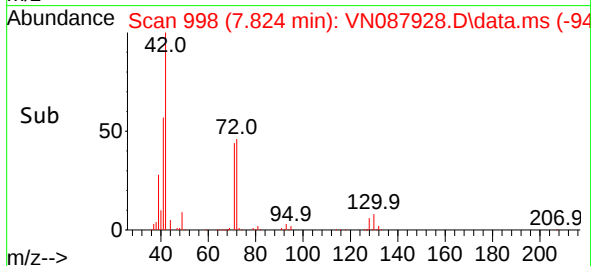
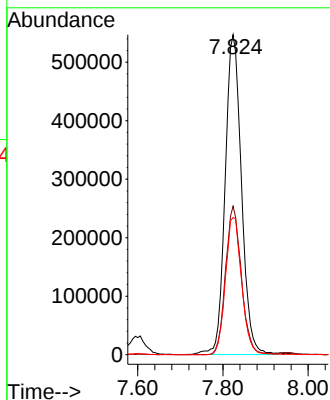
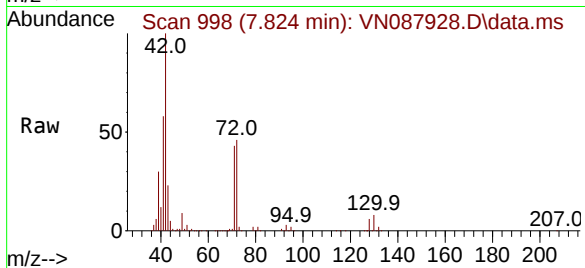
71 42.6 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#30

Chloroform

Concen: 154.431 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087928.D

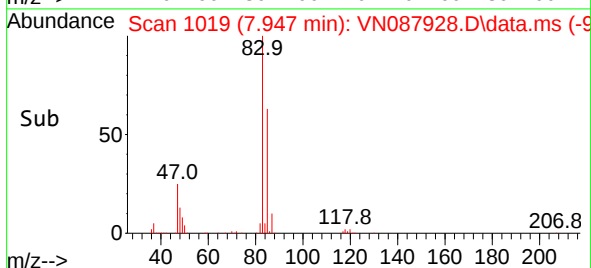
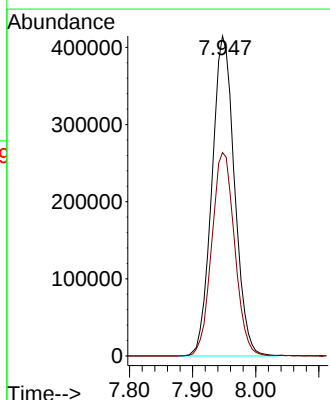
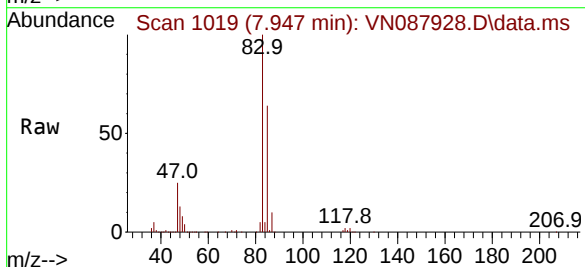
Acq: 23 Sep 2025 10:56

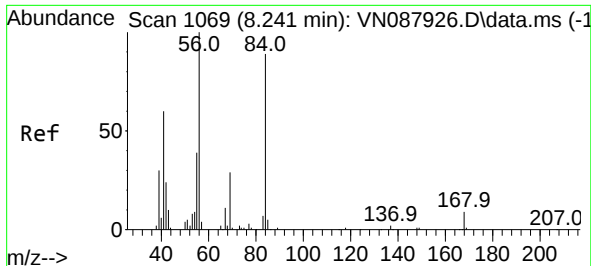
Tgt Ion: 83 Resp: 1030586

Ion Ratio Lower Upper

83 100

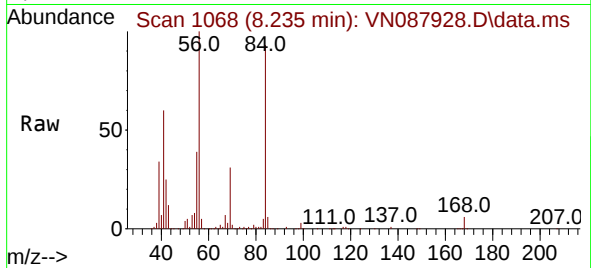
85 63.6 50.9 76.3





#31  
Cyclohexane  
Concen: 151.116 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. -0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

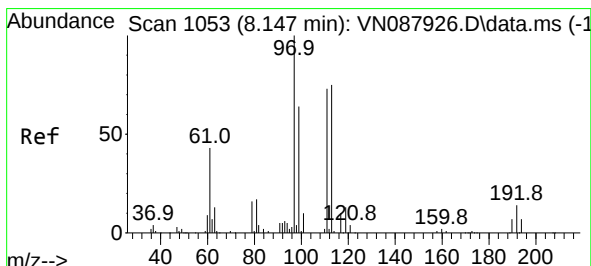
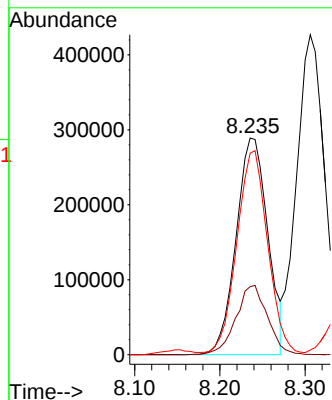
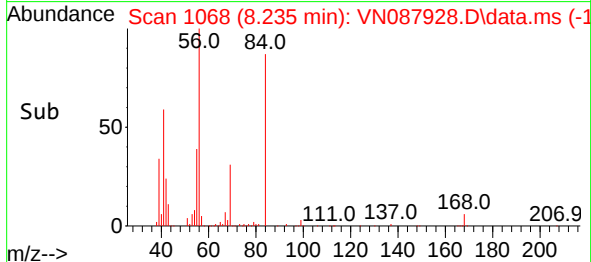
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 56 Resp: 74627  
Ion Ratio Lower Upper  
56 100  
69 31.4 23.4 35.0  
84 90.7 70.8 106.2

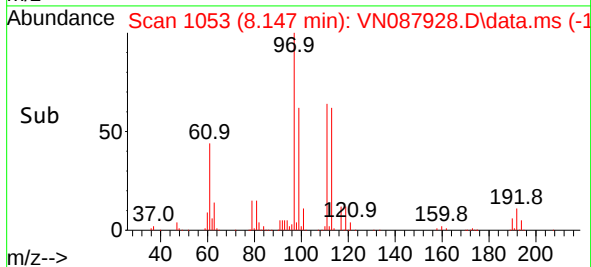
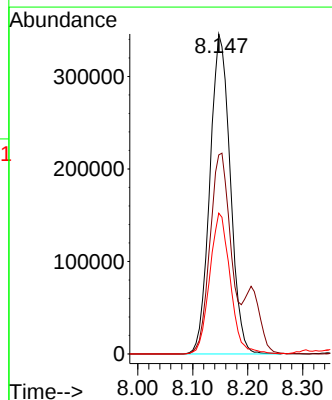
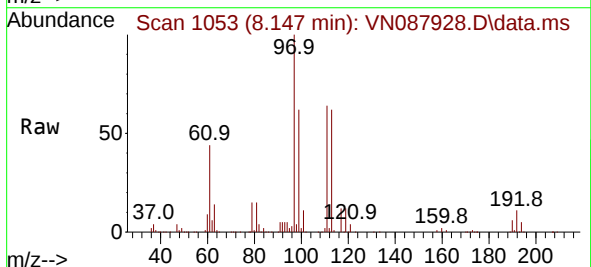
Manual Integrations  
APPROVED

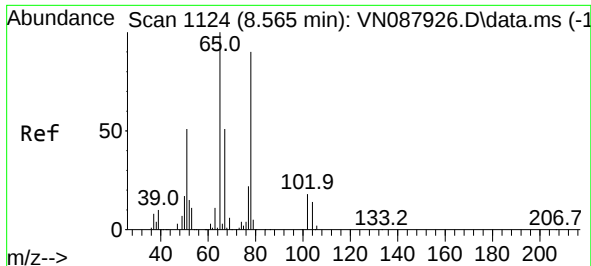
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#32  
1,1,1-Trichloroethane  
Concen: 157.722 ug/l  
RT: 8.147 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

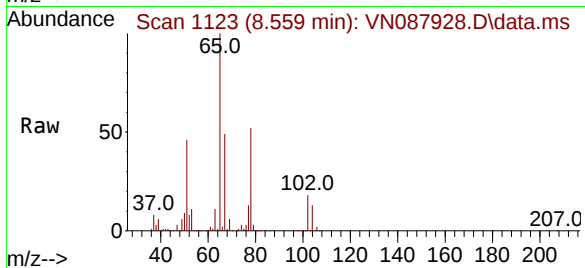
Tgt Ion: 97 Resp: 889373  
Ion Ratio Lower Upper  
97 100  
99 65.2 51.1 76.7  
61 44.6 38.6 58.0





#33  
1,2-Dichloroethane-d4  
Concen: 156.257 ug/l  
RT: 8.559 min Scan# 1123  
Delta R.T. -0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

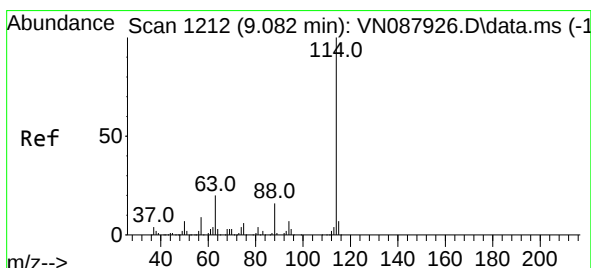
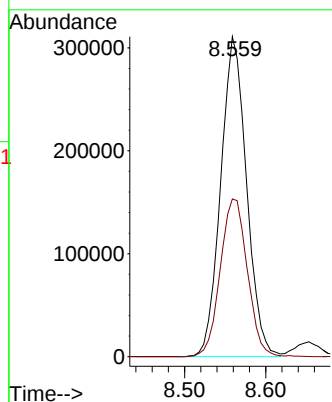
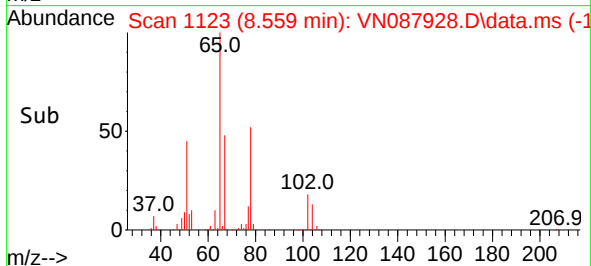
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



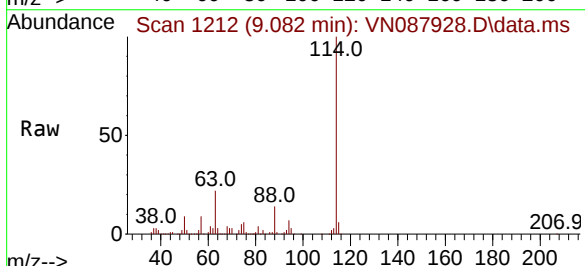
Tgt Ion: 65 Resp: 68814  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 103.4

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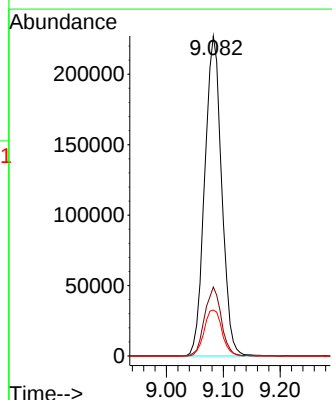
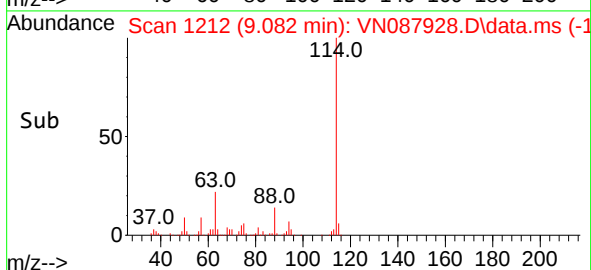
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

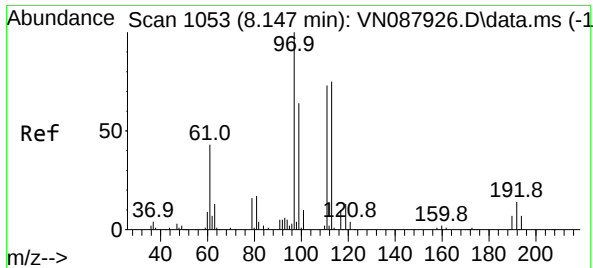


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.082 min Scan# 1212  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56



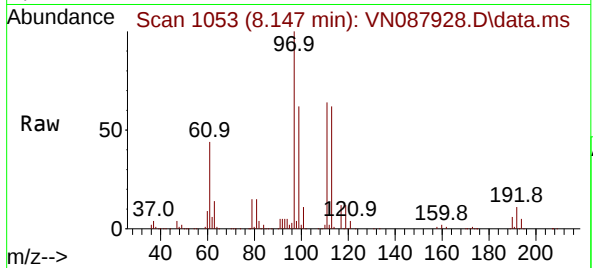
Tgt Ion:114 Resp: 469572  
Ion Ratio Lower Upper  
114 100  
63 21.6 0.0 40.0  
88 14.3 0.0 31.8





#35  
Dibromofluoromethane  
Concen: 155.401 ug/l  
RT: 8.147 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

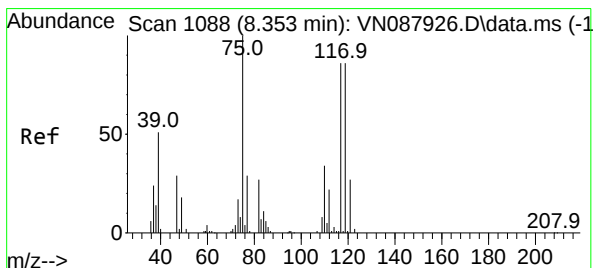
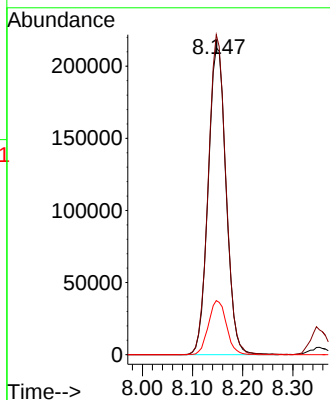
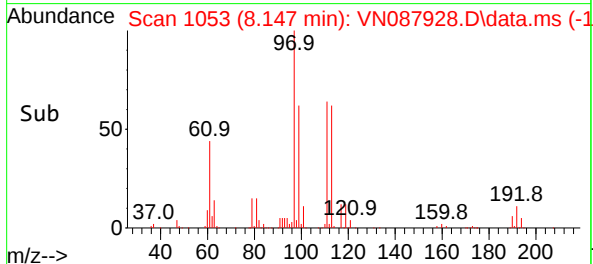
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 113 Resp: 529810  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.2 123.2  
192 17.6 14.2 21.2

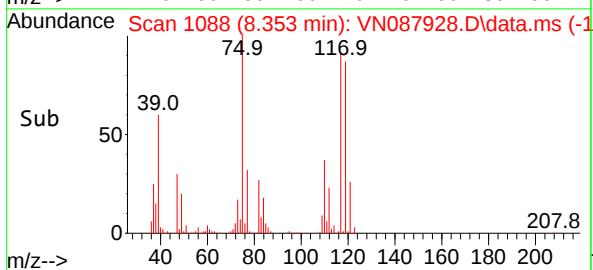
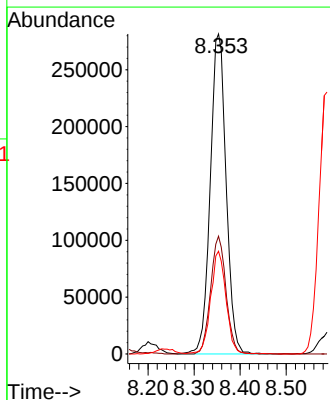
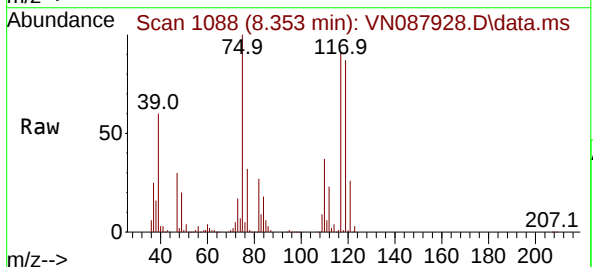
Manual Integrations  
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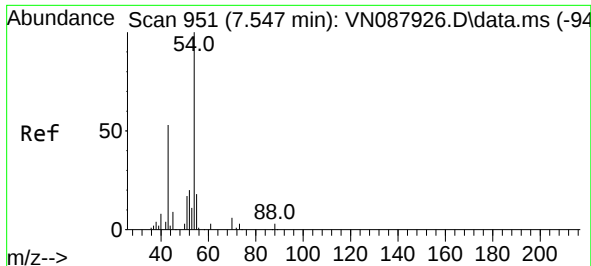
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#36  
1,1-Dichloropropene  
Concen: 164.170 ug/l  
RT: 8.353 min Scan# 1088  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

Tgt Ion: 75 Resp: 673022  
Ion Ratio Lower Upper  
75 100  
110 35.7 17.1 51.3  
77 30.7 24.8 37.2





#37

Ethyl Acetate

Concen: 162.416 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 874349

Ion Ratio Lower Upper

43 100

61 12.2 10.7 16.1

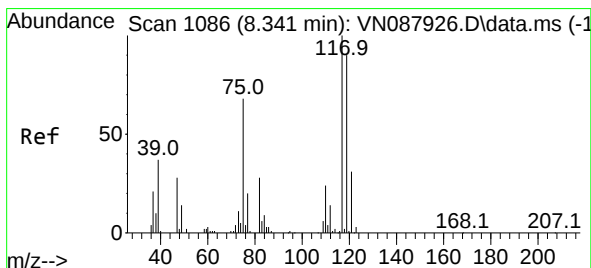
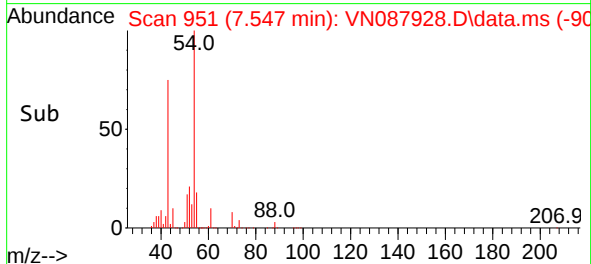
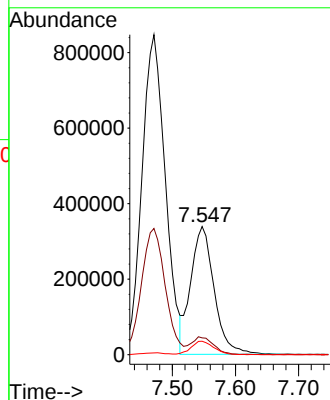
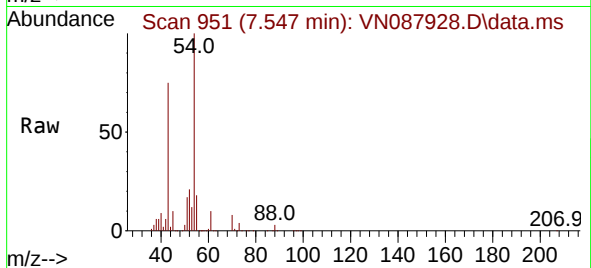
70 10.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#38

Carbon Tetrachloride

Concen: 162.245 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

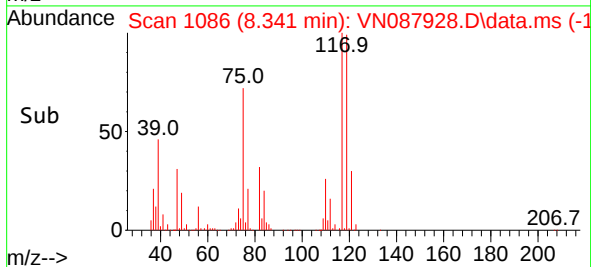
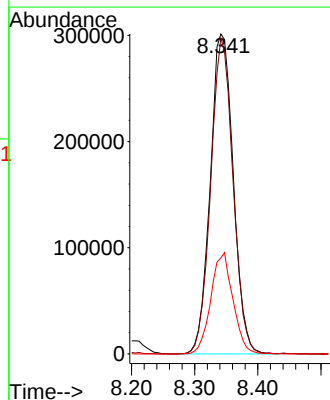
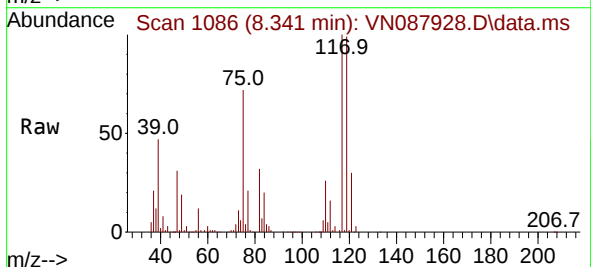
Tgt Ion:117 Resp: 763232

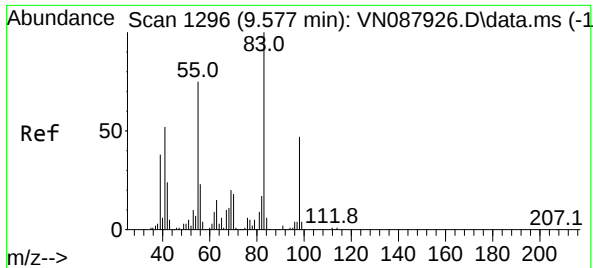
Ion Ratio Lower Upper

117 100

119 98.6 72.1 108.1

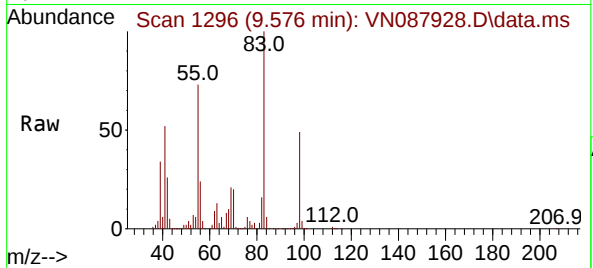
121 30.0 24.6 36.8





#39  
Methylcyclohexane  
Concen: 175.104 ug/l  
RT: 9.576 min Scan# 1296  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

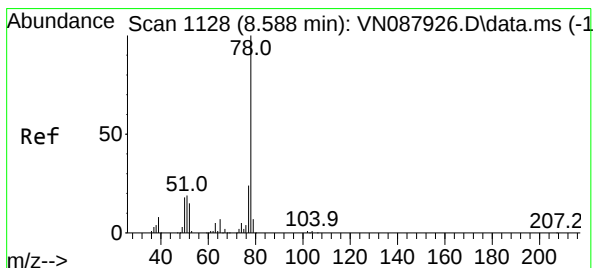
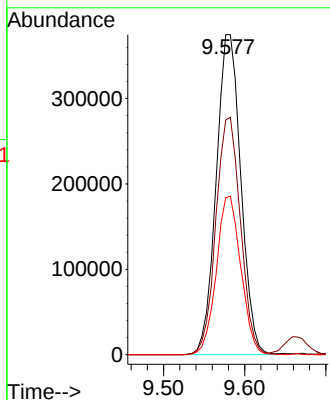
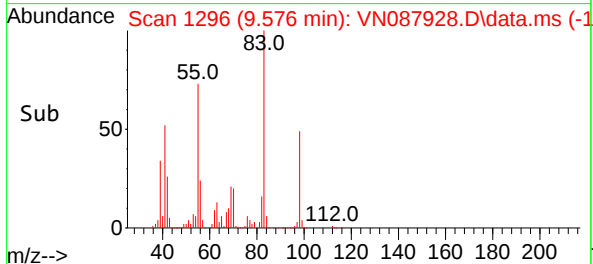
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 83 Resp: 791897  
Ion Ratio Lower Upper  
83 100  
55 73.3 59.9 89.9  
98 49.0 37.4 56.2

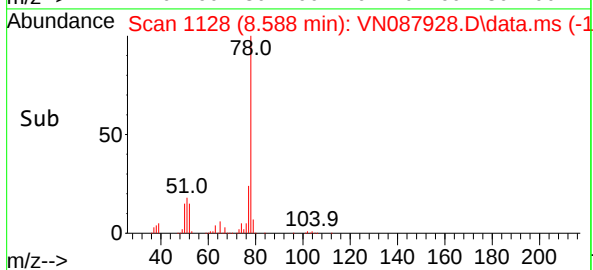
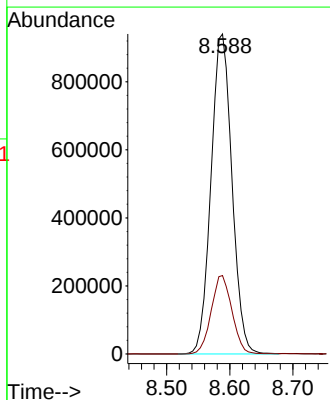
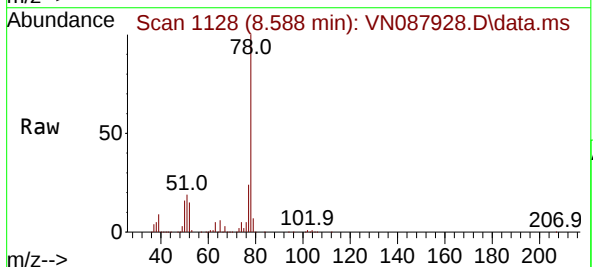
Manual Integrations  
APPROVED

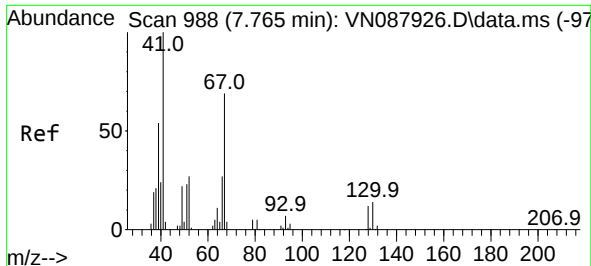
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#40  
Benzene  
Concen: 159.817 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

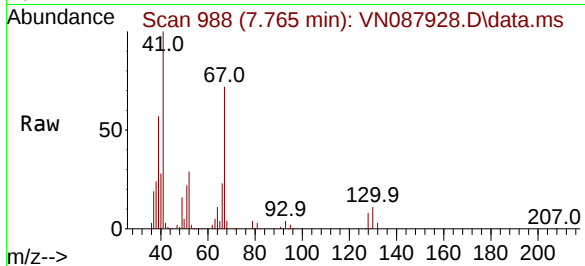
Tgt Ion: 78 Resp: 2169328  
Ion Ratio Lower Upper  
78 100  
77 24.5 19.0 28.6





#41  
Methacrylonitrile  
Concen: 165.421 ug/l  
RT: 7.765 min Scan# 988  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

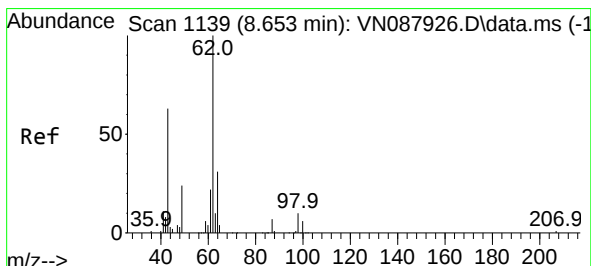
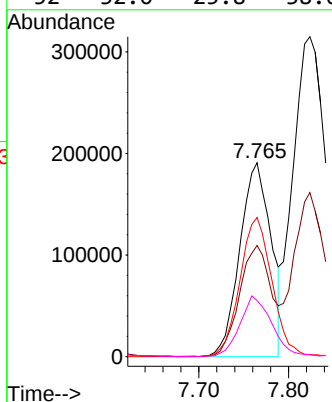
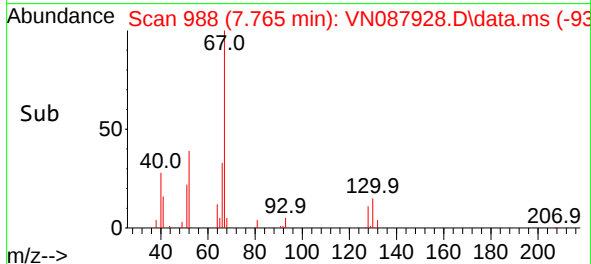
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 41 Resp: 460218  
Ion Ratio Lower Upper  
41 100  
39 58.0 43.5 65.3  
67 74.5 57.6 86.4  
52 32.0 25.8 38.6

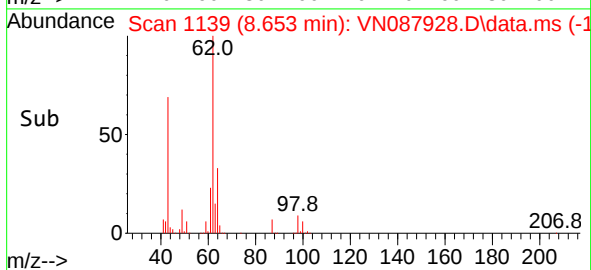
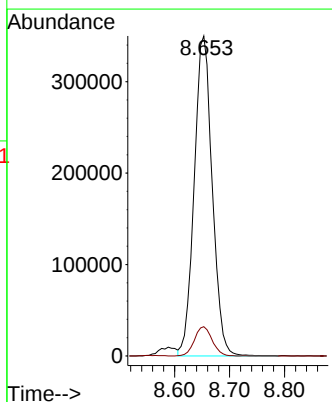
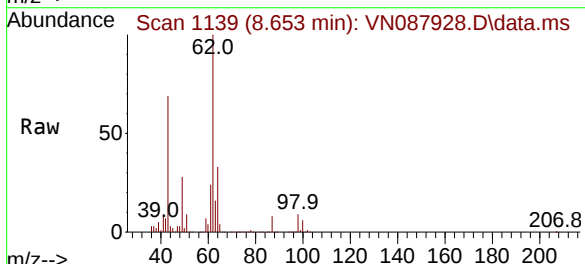
Manual Integrations  
APPROVED

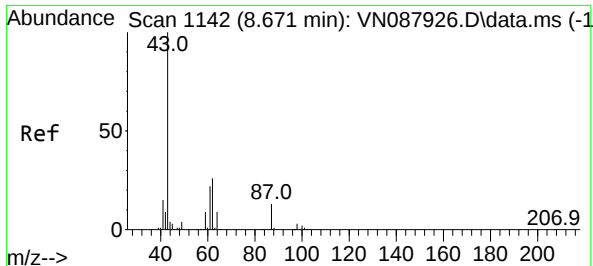
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#42  
1,2-Dichloroethane  
Concen: 157.154 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

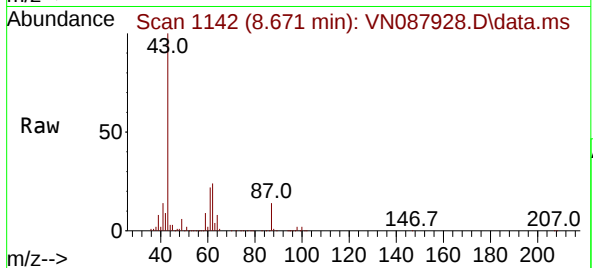
Tgt Ion: 62 Resp: 796063  
Ion Ratio Lower Upper  
62 100  
98 9.0 0.0 18.6





#43  
Isopropyl Acetate  
Concen: 167.431 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

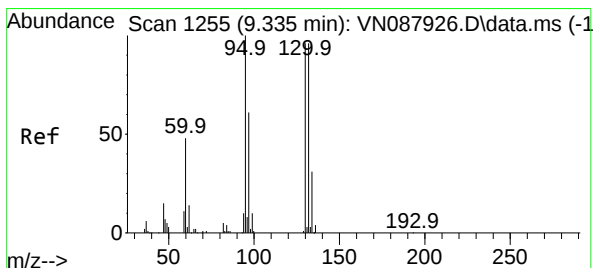
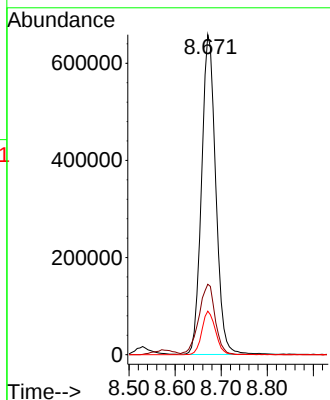
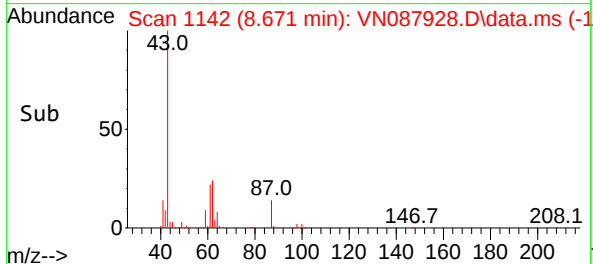
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 43 Resp: 141877  
Ion Ratio Lower Upper  
43 100  
61 25.0 20.2 30.2  
87 13.1 10.9 16.3

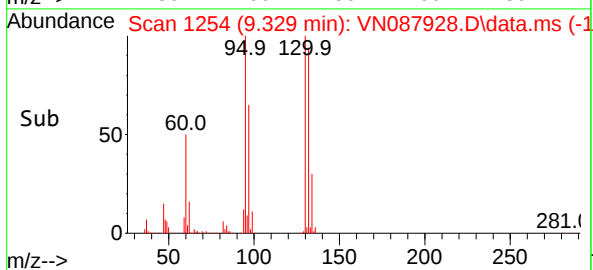
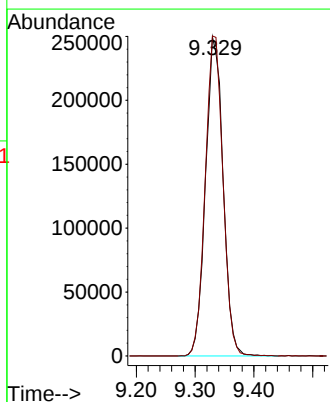
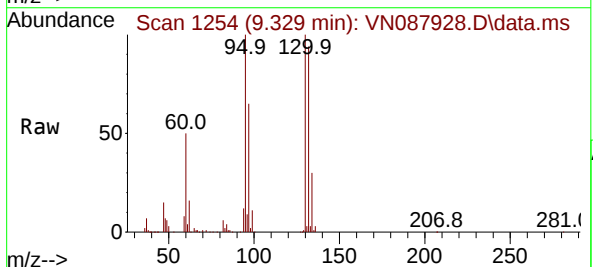
Manual Integrations  
APPROVED

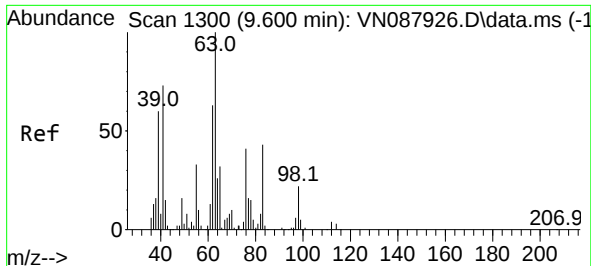
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#44  
Trichloroethene  
Concen: 159.533 ug/l  
RT: 9.329 min Scan# 1254  
Delta R.T. -0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

Tgt Ion:130 Resp: 517259  
Ion Ratio Lower Upper  
130 100  
95 100.3 0.0 208.0





#45

1,2-Dichloropropane

Concen: 155.841 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 530435

Ion Ratio Lower Upper

63 100

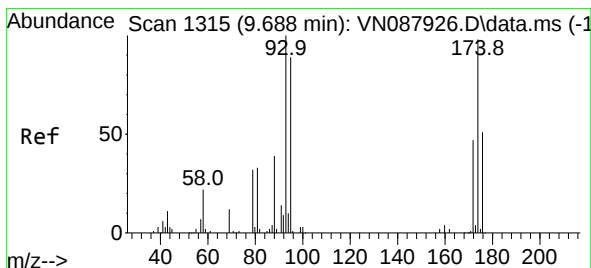
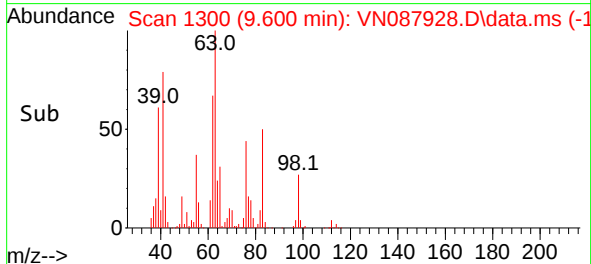
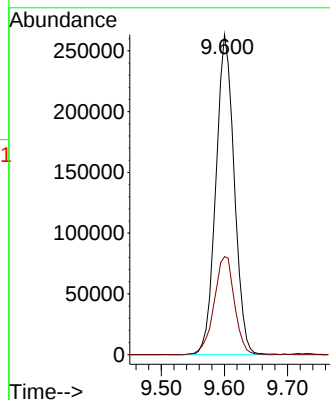
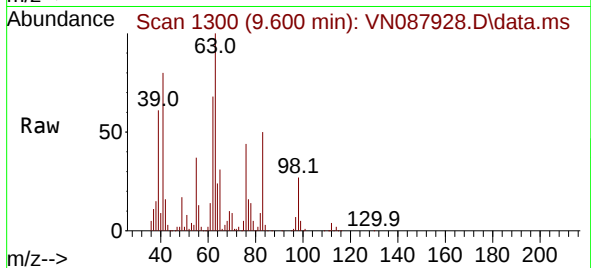
65 30.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#46

Dibromomethane

Concen: 161.101 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

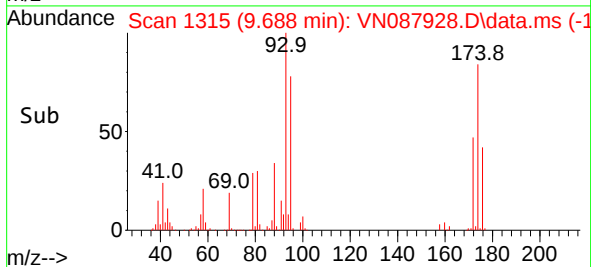
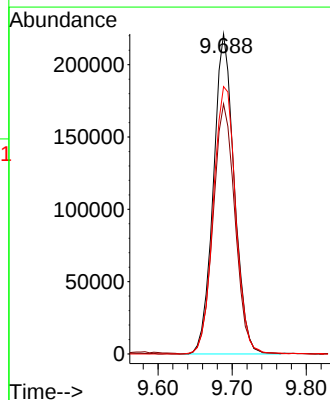
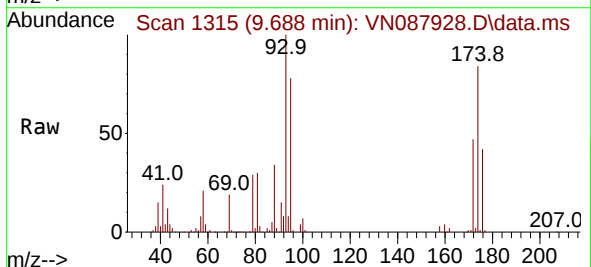
Tgt Ion: 93 Resp: 432679

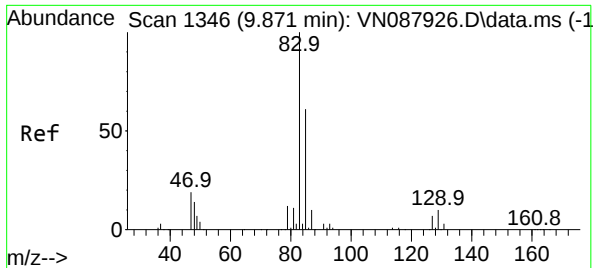
Ion Ratio Lower Upper

93 100

95 81.6 67.6 101.4

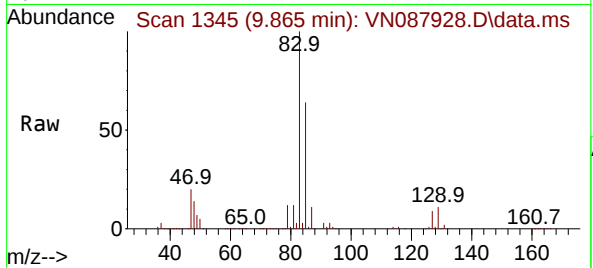
174 89.8 75.4 113.0





#47  
Bromodichloromethane  
Concen: 159.615 ug/l  
RT: 9.865 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

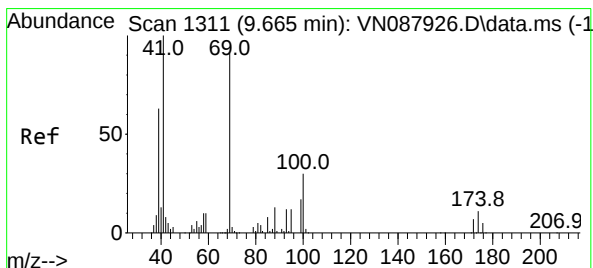
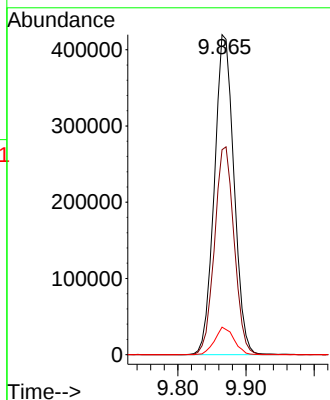
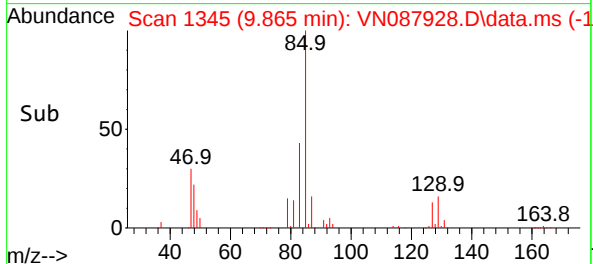
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



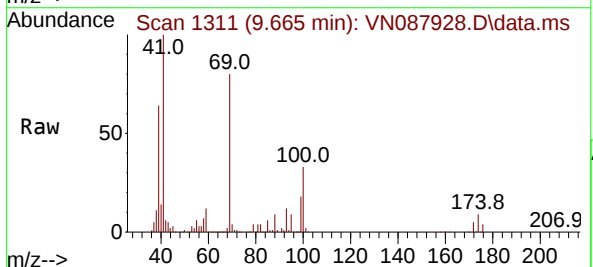
Tgt Ion: 83 Resp: 840810  
Ion Ratio Lower Upper  
83 100  
85 64.1 49.1 73.7  
127 8.6 5.9 8.9

Manual Integrations  
APPROVED

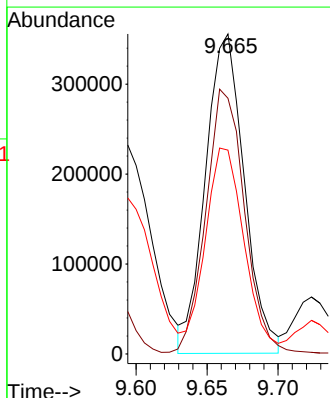
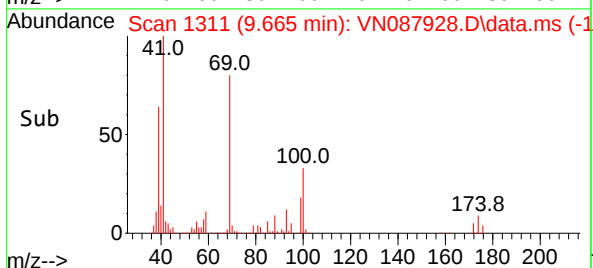
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

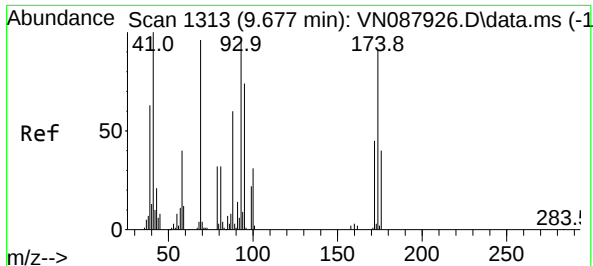


#48  
Methyl methacrylate  
Concen: 171.912 ug/l  
RT: 9.665 min Scan# 1311  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56



Tgt Ion: 41 Resp: 674610  
Ion Ratio Lower Upper  
41 100  
69 83.3 70.9 106.3  
39 65.4 52.9 79.3





#49

1,4-Dioxane

Concen: 3294.105 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 19096

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8

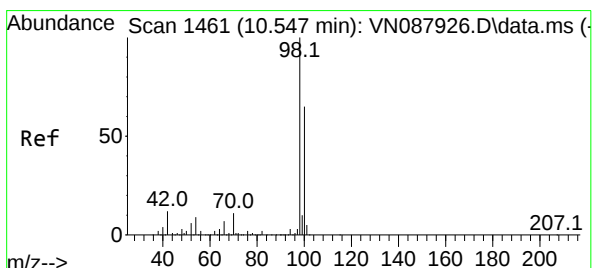
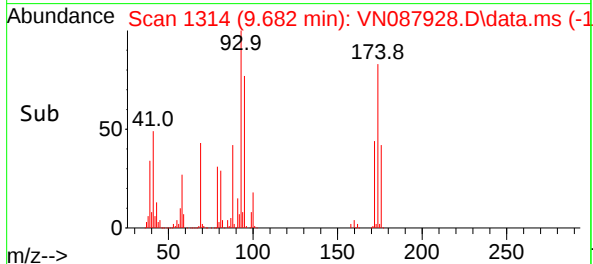
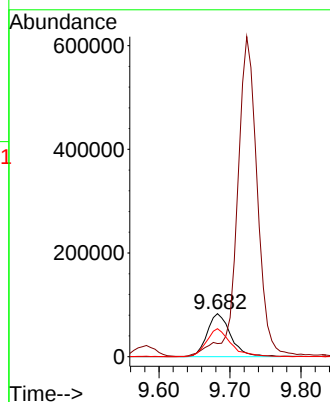
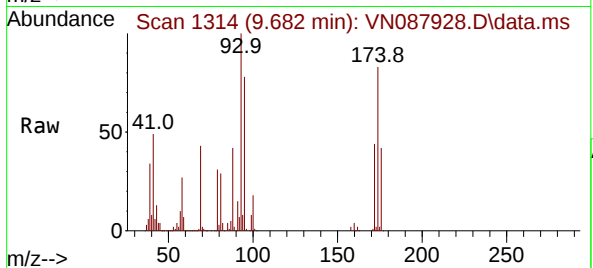
58 67.8 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#50

Toluene-d8

Concen: 162.910 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087928.D

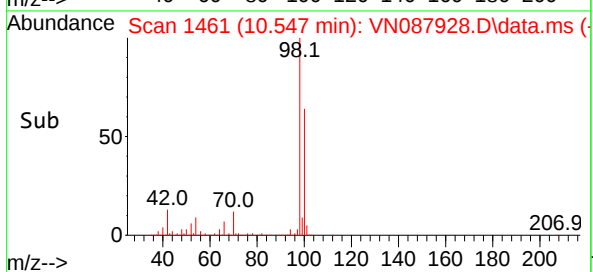
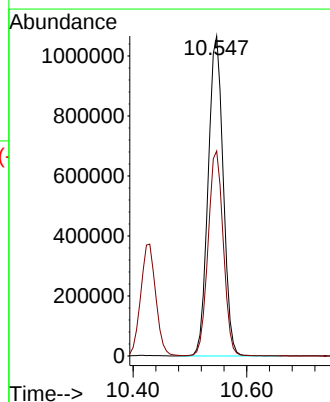
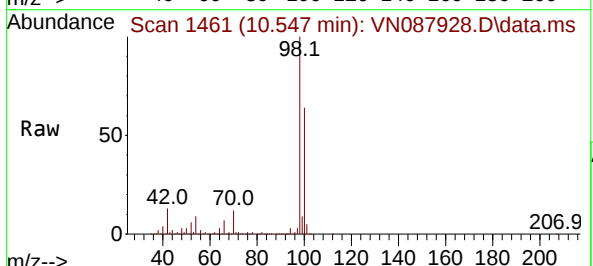
Acq: 23 Sep 2025 10:56

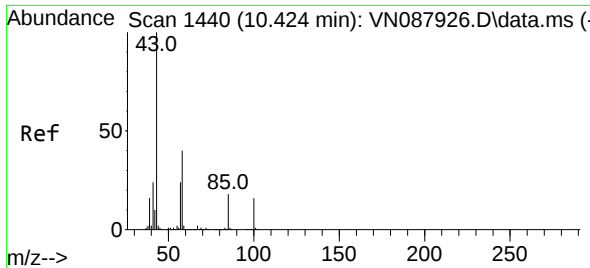
Tgt Ion: 98 Resp: 1953189

Ion Ratio Lower Upper

98 100

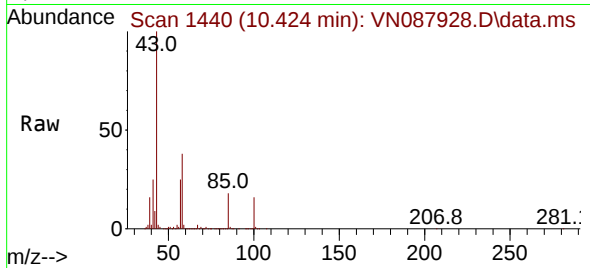
100 64.5 51.7 77.5





#51  
4-Methyl-2-Pentanone  
Concen: 818.303 ug/l  
RT: 10.424 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

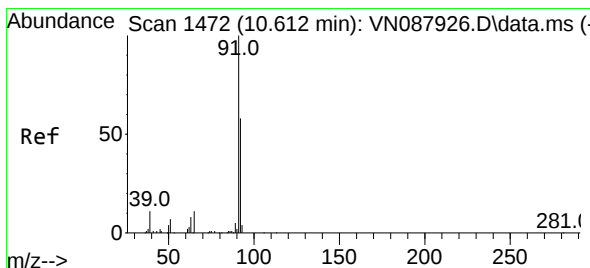
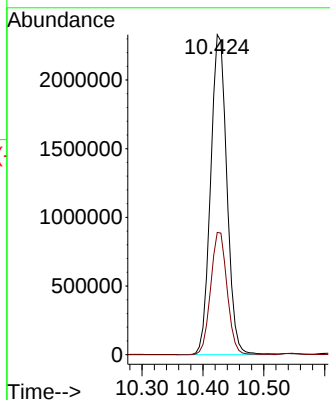
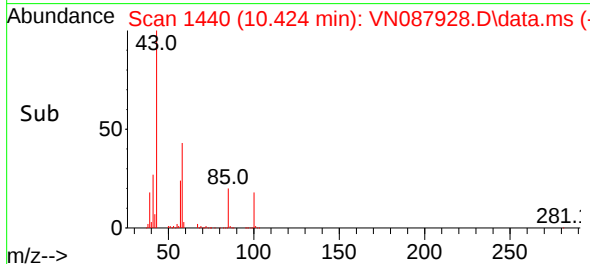
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



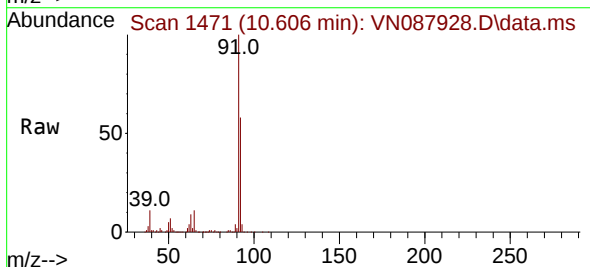
Tgt Ion: 43 Resp: 432688  
Ion Ratio Lower Upper  
43 100  
58 38.6 31.0 46.6

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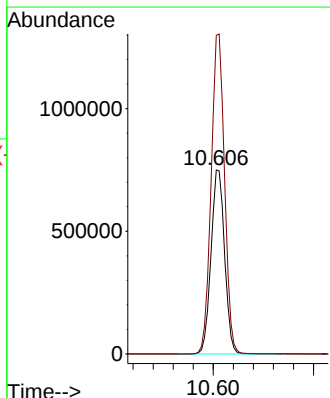
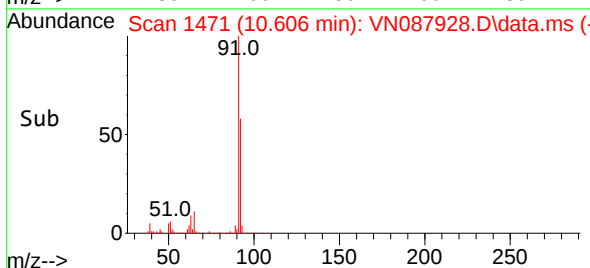
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

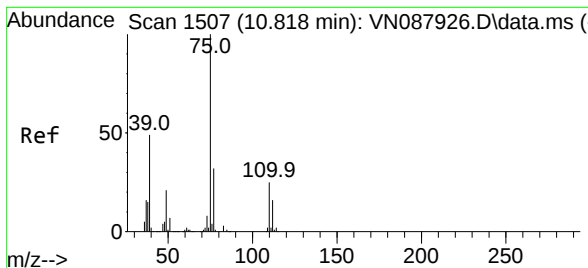


#52  
Toluene  
Concen: 165.088 ug/l  
RT: 10.606 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56



Tgt Ion: 92 Resp: 1406217  
Ion Ratio Lower Upper  
92 100  
91 172.1 138.2 207.2





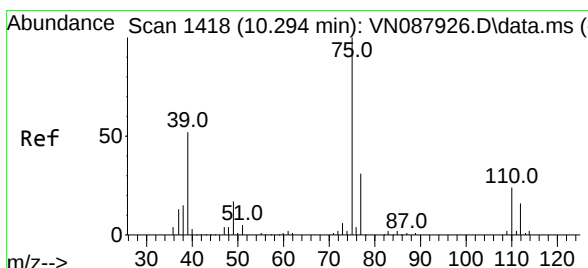
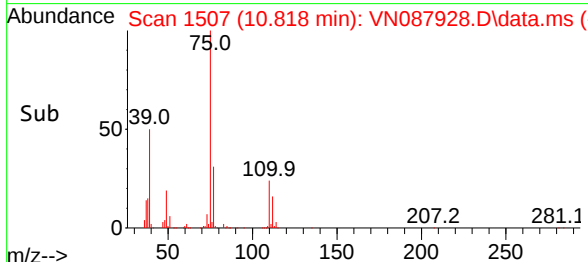
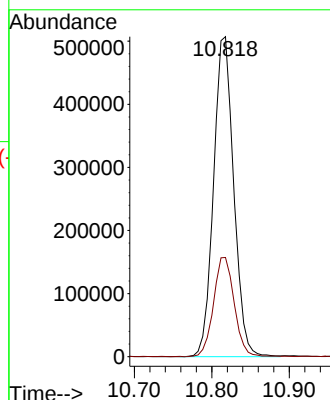
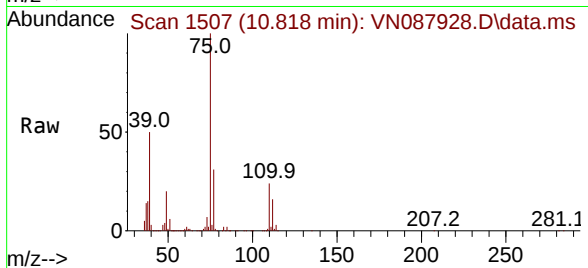
#53  
t-1,3-Dichloropropene  
Concen: 169.924 ug/l  
RT: 10.818 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion: 75 Resp: 916112  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.3 37.9

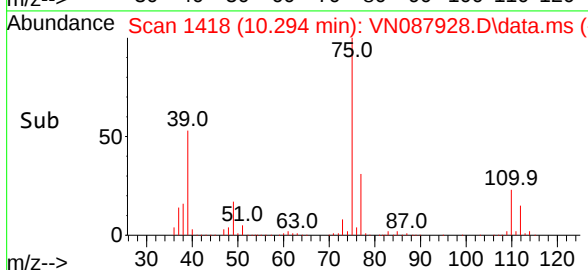
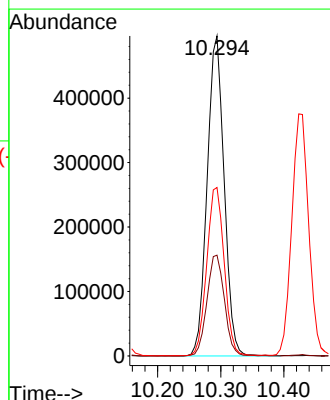
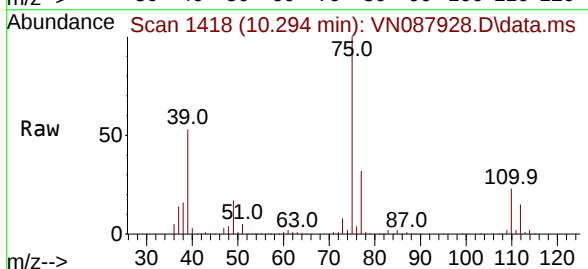
Manual Integrations  
APPROVED

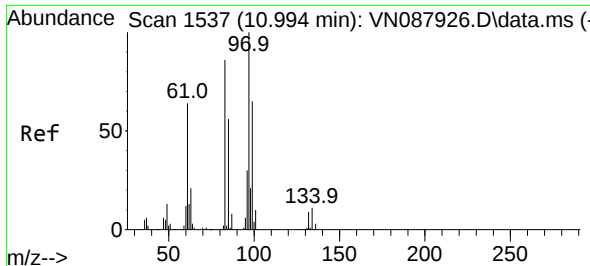
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#54  
cis-1,3-Dichloropropene  
Concen: 165.762 ug/l  
RT: 10.294 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

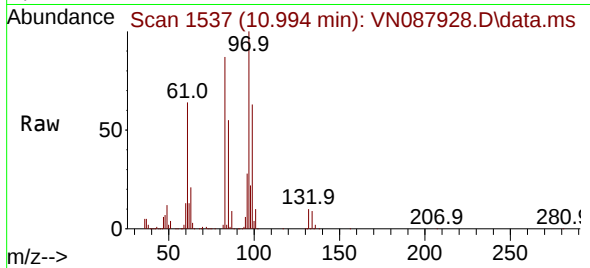
Tgt Ion: 75 Resp: 928185  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.7 37.1  
39 52.5 41.4 62.0





#55  
1,1,2-Trichloroethane  
Concen: 156.087 ug/l  
RT: 10.994 min Scan# 1537  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150

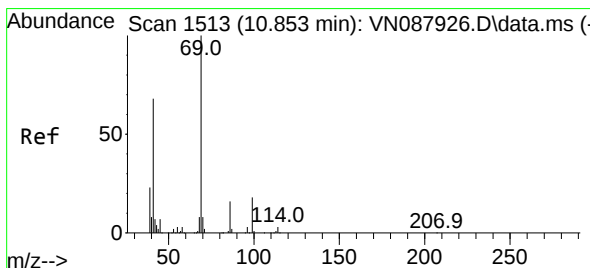
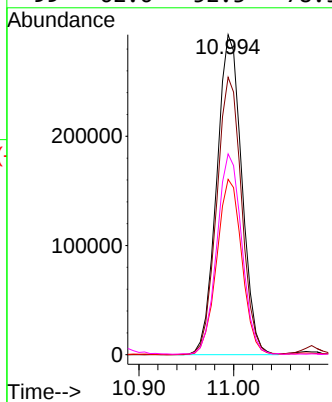
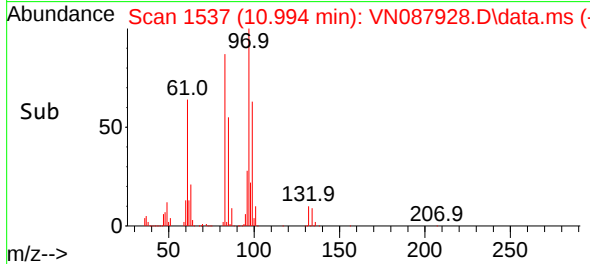


Tgt Ion: 97 Resp: 540590

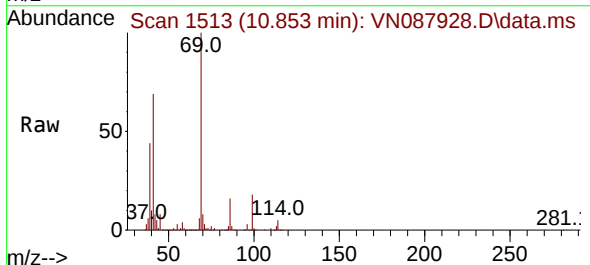
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.6  | 69.0  | 103.4 |
| 85  | 54.8  | 44.4  | 66.6  |
| 99  | 62.6  | 52.3  | 78.5  |

Manual Integrations  
APPROVED

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

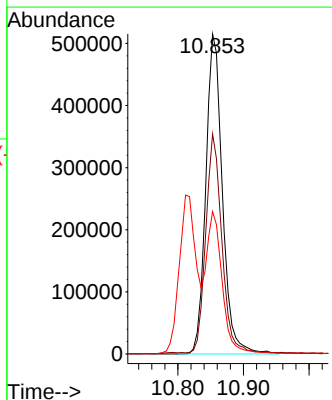
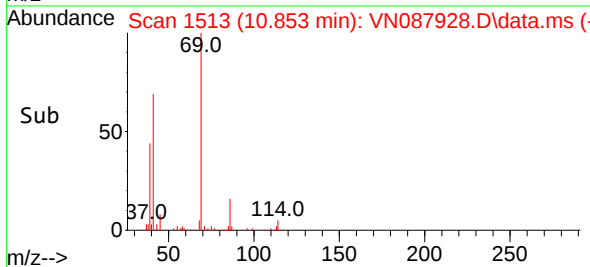


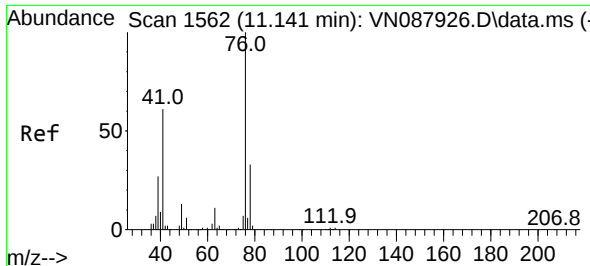
#56  
Ethyl methacrylate  
Concen: 181.247 ug/l  
RT: 10.853 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56



Tgt Ion: 69 Resp: 907047

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 66.0  | 53.8  | 80.6  |
| 39  | 42.4  | 34.7  | 52.1  |





#57

1,3-Dichloropropane

Concen: 160.877 ug/l

RT: 11.141 min Scan# 1119

Delta R.T. -0.000 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 916449

Ion Ratio Lower Upper

76 100

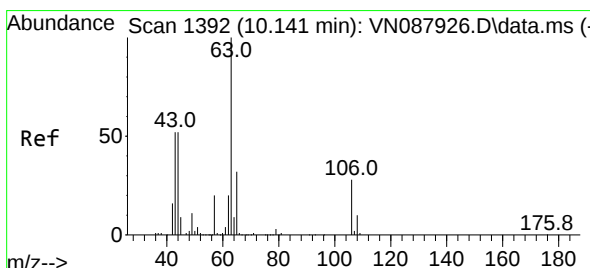
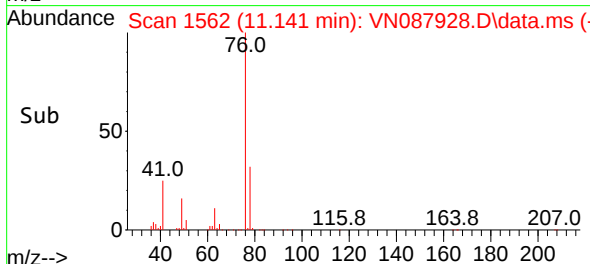
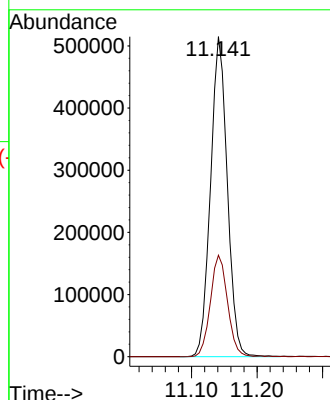
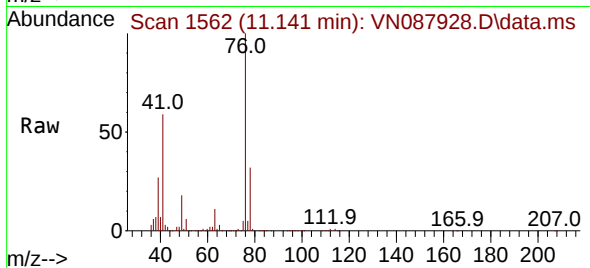
78 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 935.130 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087928.D

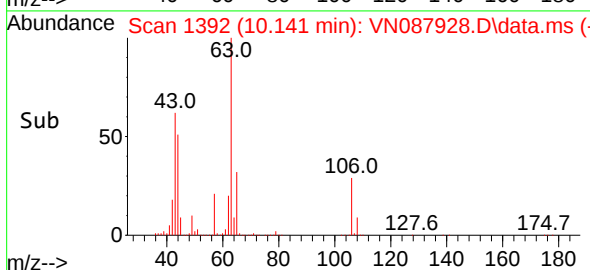
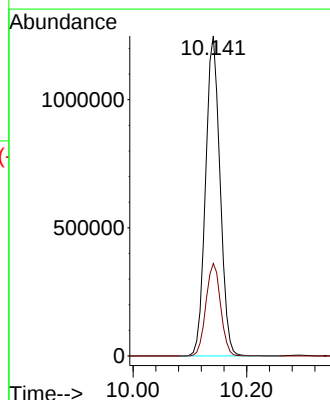
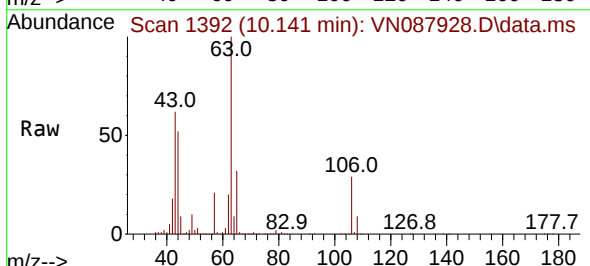
Acq: 23 Sep 2025 10:56

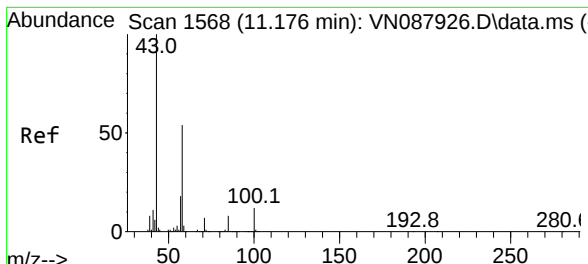
Tgt Ion: 63 Resp: 2200367

Ion Ratio Lower Upper

63 100

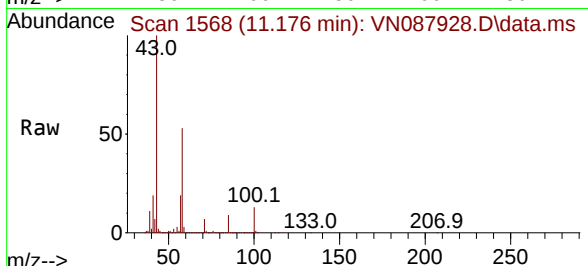
106 29.3 22.6 33.8





#59  
2-Hexanone  
Concen: 879.085 ug/l  
RT: 11.176 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

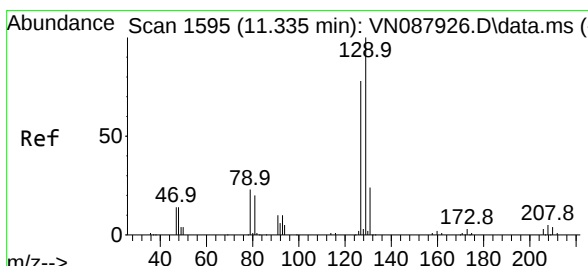
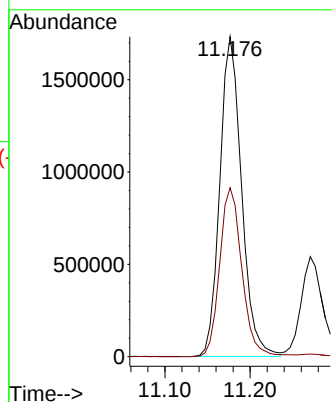
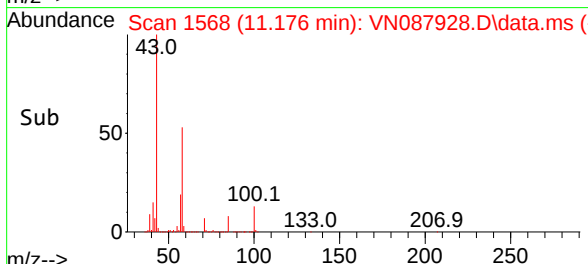
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 43 Resp: 3073538  
Ion Ratio Lower Upper  
43 100  
58 53.9 26.4 79.2

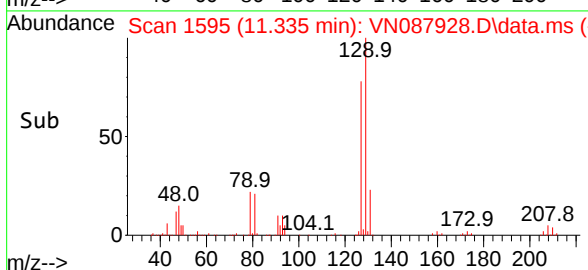
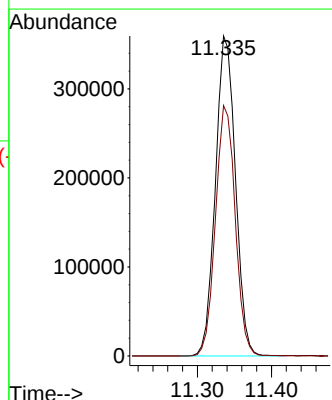
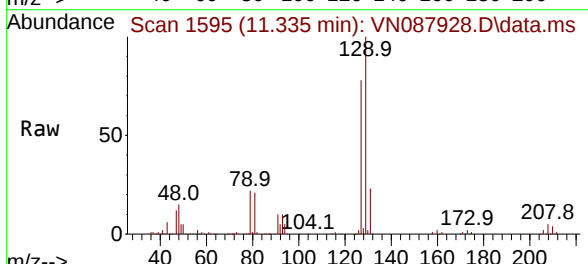
Manual Integrations  
APPROVED

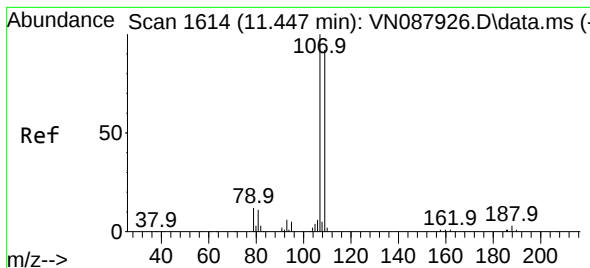
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#60  
Dibromochloromethane  
Concen: 165.568 ug/l  
RT: 11.335 min Scan# 1595  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

Tgt Ion:129 Resp: 674217  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.3 117.9





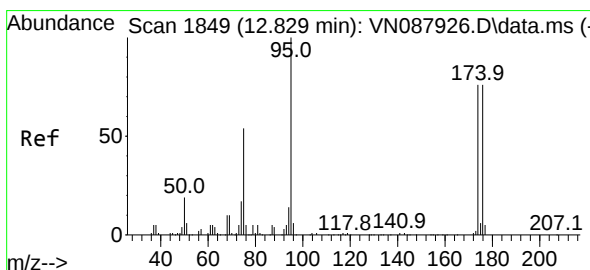
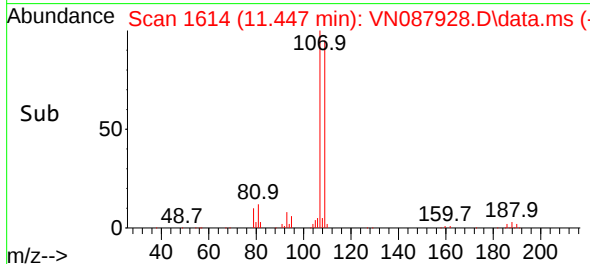
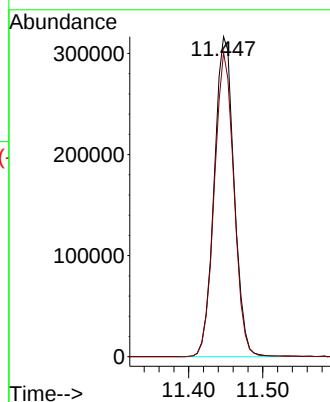
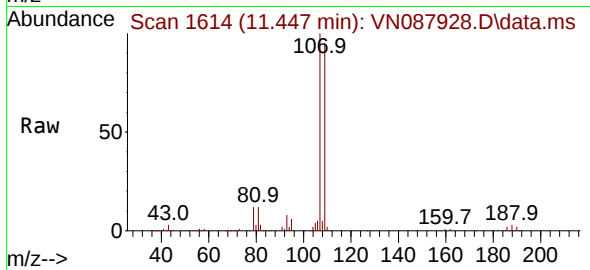
#61  
1,2-Dibromoethane  
Concen: 161.179 ug/l  
RT: 11.447 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion:107 Resp: 590968  
Ion Ratio Lower Upper  
107 100  
109 93.8 75.3 112.9

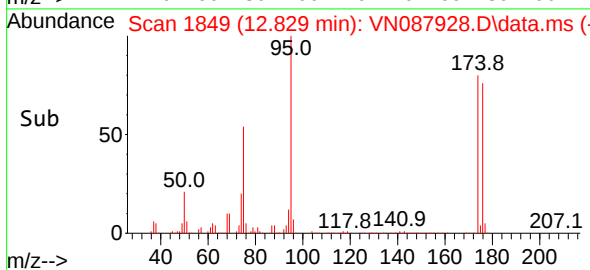
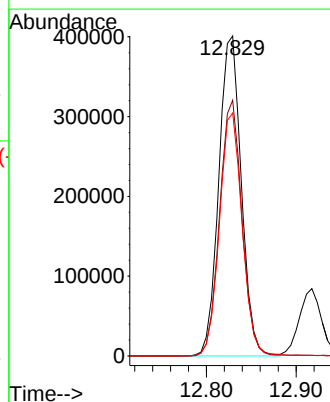
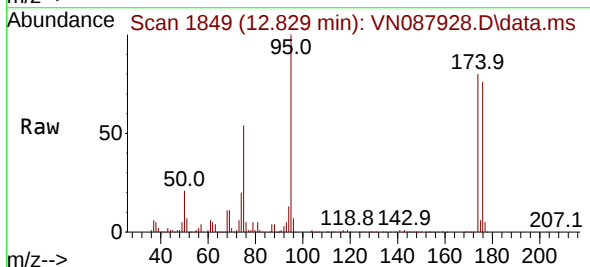
Manual Integrations  
APPROVED

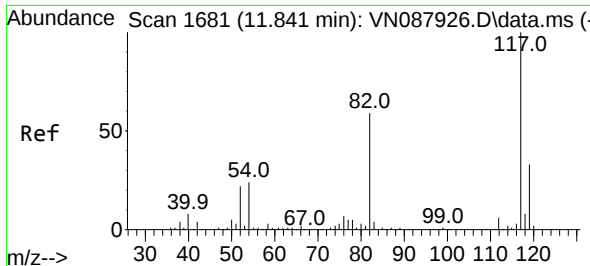
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#62  
4-Bromofluorobenzene  
Concen: 162.944 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

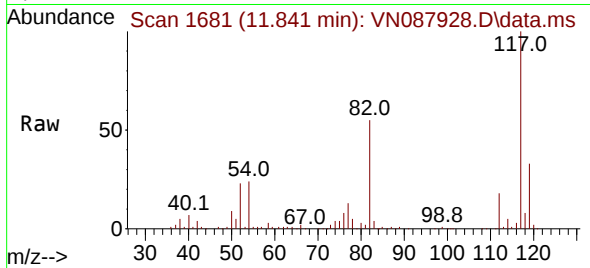
Tgt Ion: 95 Resp: 698306  
Ion Ratio Lower Upper  
95 100  
174 79.8 0.0 159.2  
176 76.6 0.0 152.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.841 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

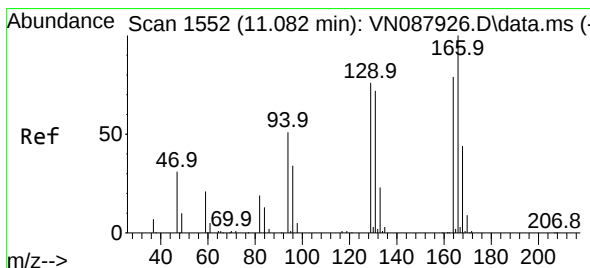
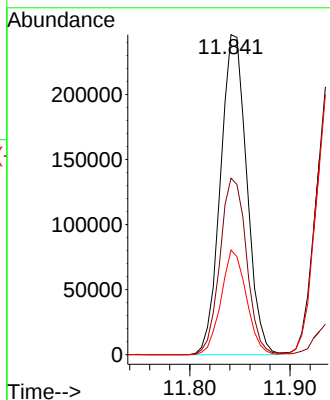
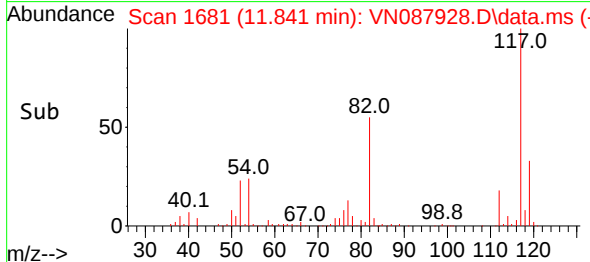
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion:117 Resp: 44832  
Ion Ratio Lower Upper  
117 100  
82 55.2 47.0 70.4  
119 32.7 26.1 39.1

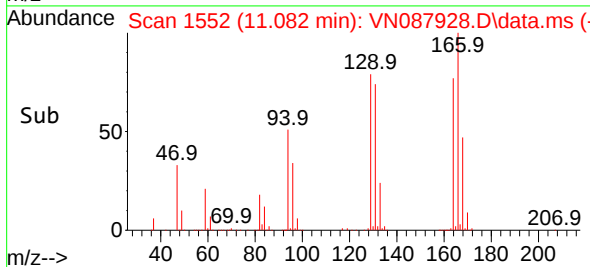
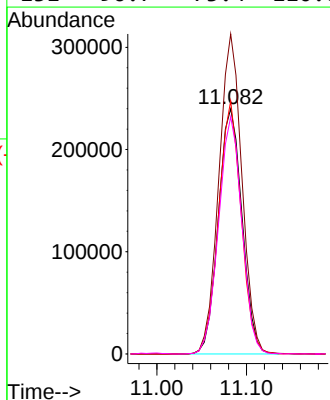
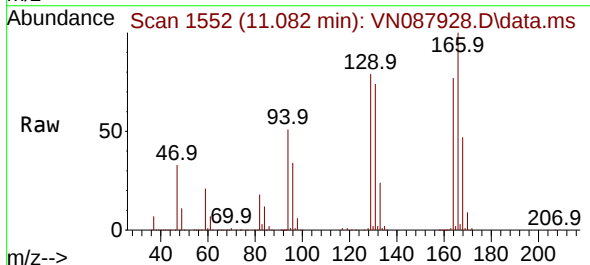
Manual Integrations  
APPROVED

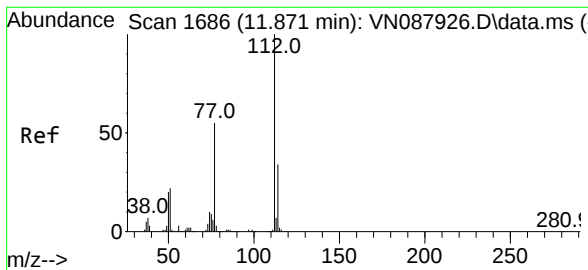
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#64  
Tetrachloroethene  
Concen: 161.378 ug/l  
RT: 11.082 min Scan# 1552  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

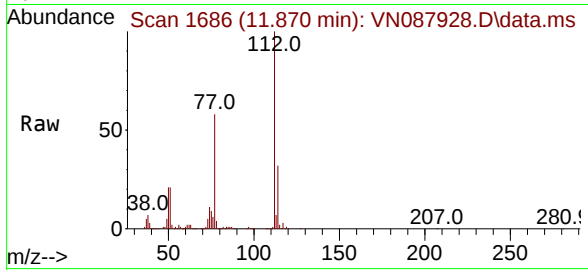
Tgt Ion:164 Resp: 440710  
Ion Ratio Lower Upper  
164 100  
166 130.5 101.6 152.4  
129 103.2 77.5 116.3  
131 96.7 73.4 110.0





#65  
Chlorobenzene  
Concen: 162.594 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

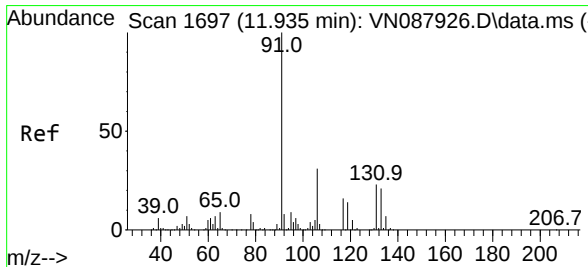
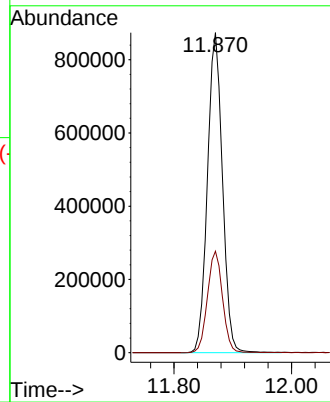
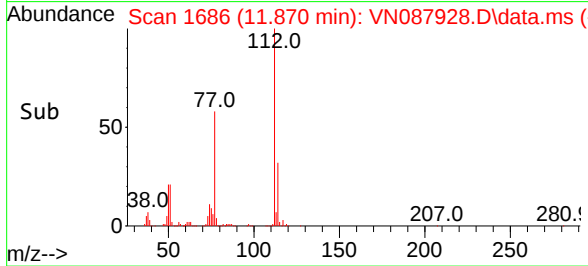
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



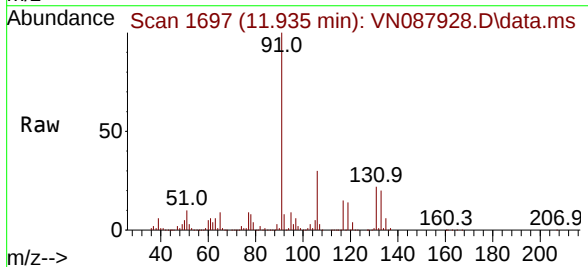
Tgt Ion:112 Resp: 1551249  
Ion Ratio Lower Upper  
112 100  
114 31.7 27.2 40.8

Manual Integrations  
APPROVED

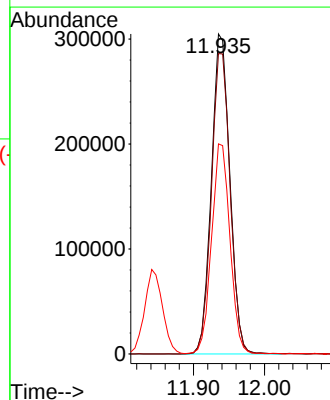
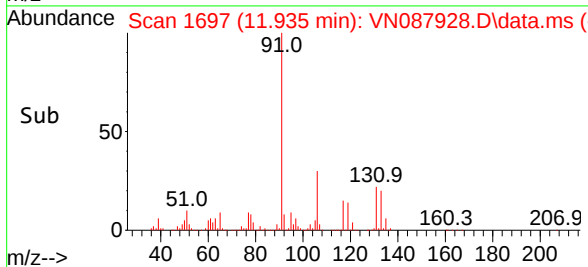
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

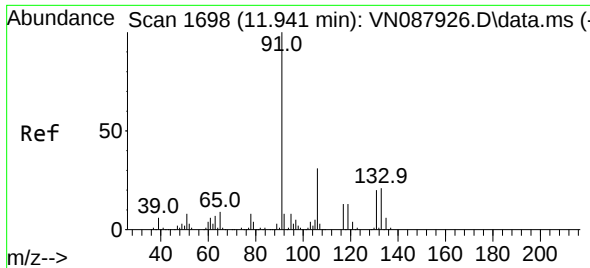


#66  
1,1,1,2-Tetrachloroethane  
Concen: 159.899 ug/l  
RT: 11.935 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56



Tgt Ion:131 Resp: 550130  
Ion Ratio Lower Upper  
131 100  
133 95.5 48.4 145.0  
119 65.3 31.9 95.5





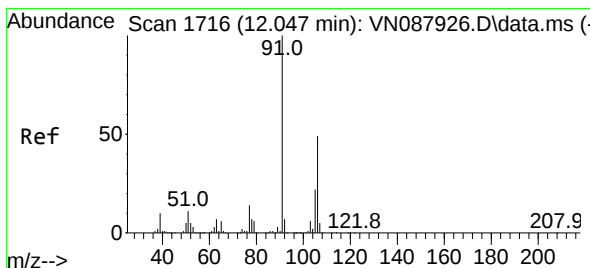
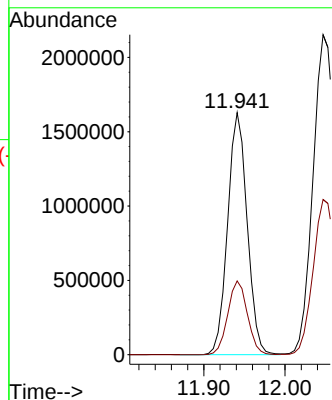
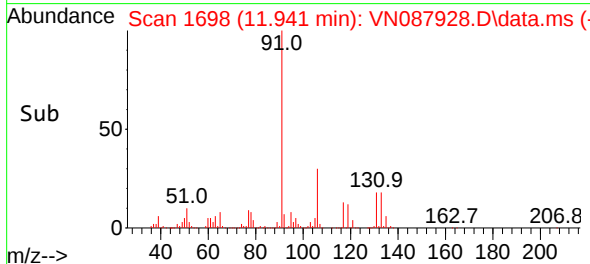
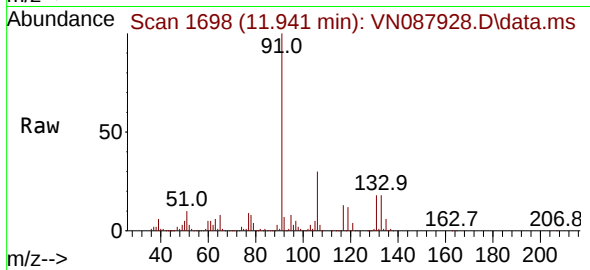
#67  
Ethyl Benzene  
Concen: 170.833 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150

Tgt Ion: 91 Resp: 271960  
Ion Ratio Lower Upper  
91 100  
106 30.5 25.2 37.8

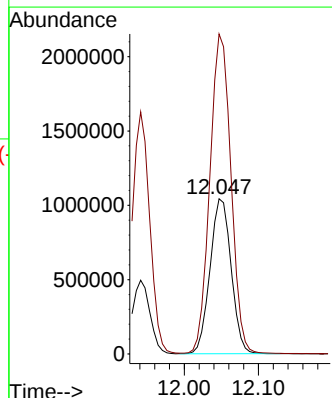
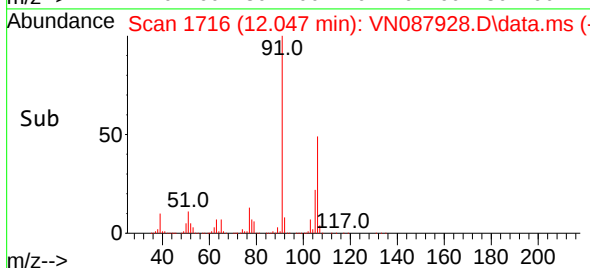
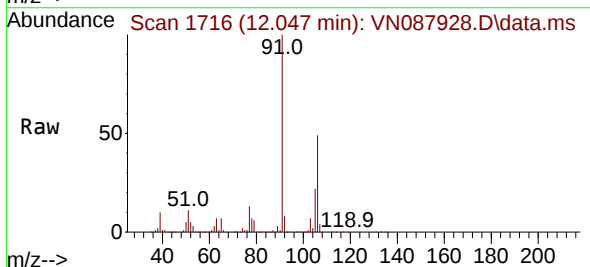
Manual Integrations  
APPROVED

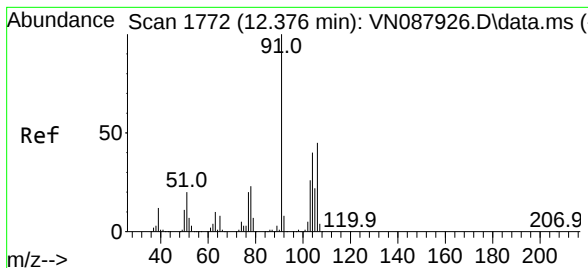
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#68  
m/p-Xylenes  
Concen: 338.900 ug/l  
RT: 12.047 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

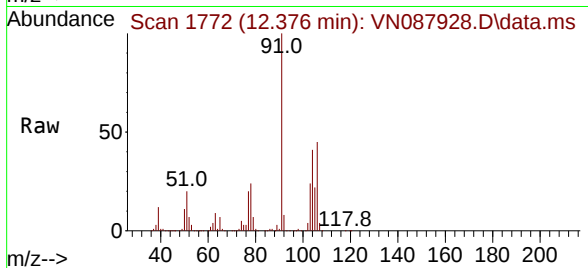
Tgt Ion:106 Resp: 2063388  
Ion Ratio Lower Upper  
106 100  
91 206.5 162.9 244.3





#69  
o-Xylene  
Concen: 172.832 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

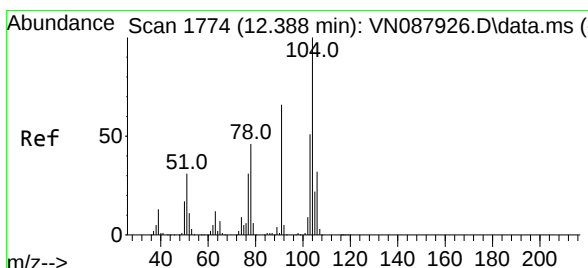
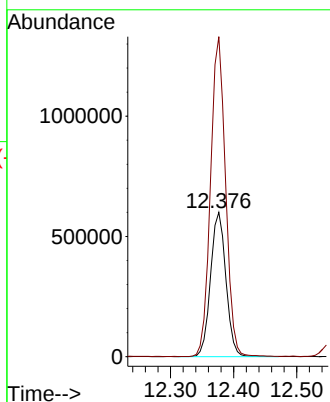
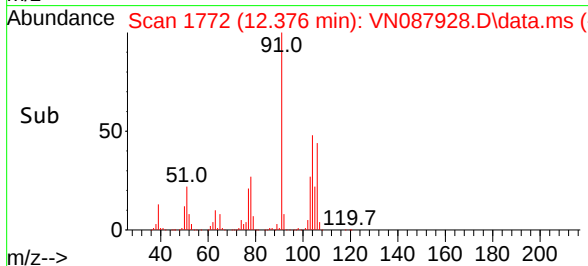
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion:106 Resp: 1010983  
Ion Ratio Lower Upper  
106 100  
91 217.3 108.2 324.6

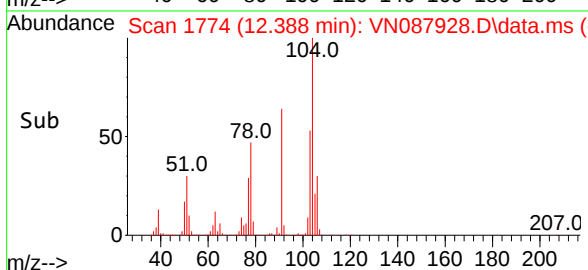
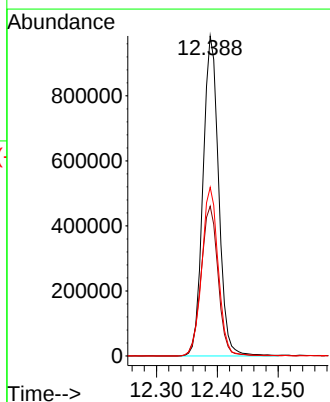
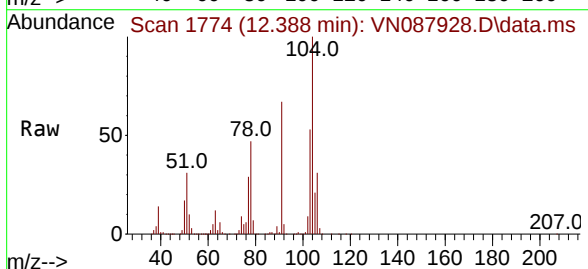
Manual Integrations  
APPROVED

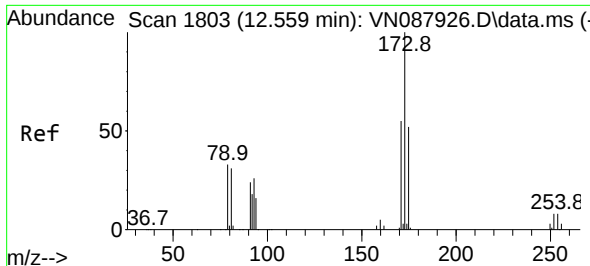
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#70  
Styrene  
Concen: 175.610 ug/l  
RT: 12.388 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

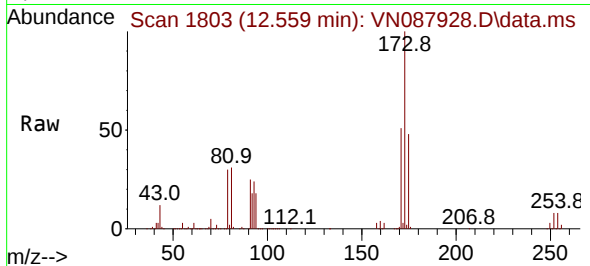
Tgt Ion:104 Resp: 1764226  
Ion Ratio Lower Upper  
104 100  
78 50.5 39.7 59.5  
103 55.2 44.6 67.0





#71  
Bromoform  
Concen: 169.708 ug/l  
RT: 12.559 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

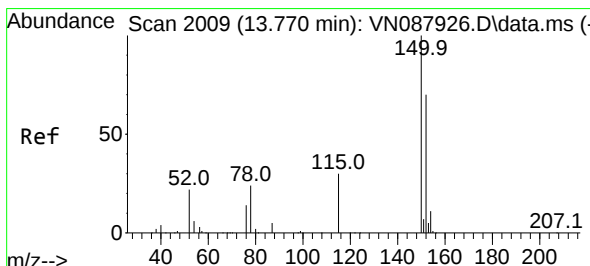
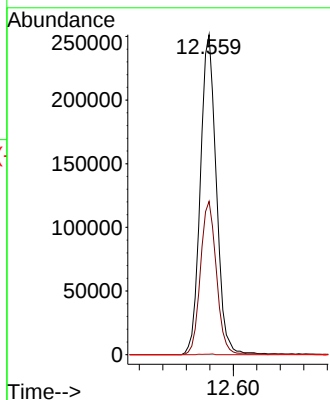
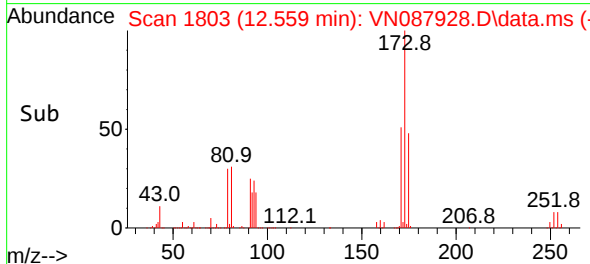
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



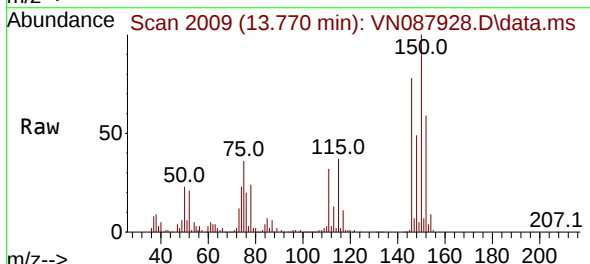
Tgt Ion:173 Resp: 473708  
Ion Ratio Lower Upper  
173 100  
175 47.9 23.7 71.1  
254 0.1 0.1 0.1

Manual Integrations  
APPROVED

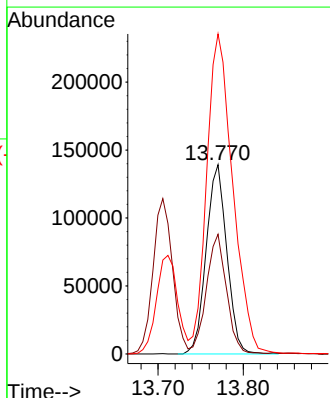
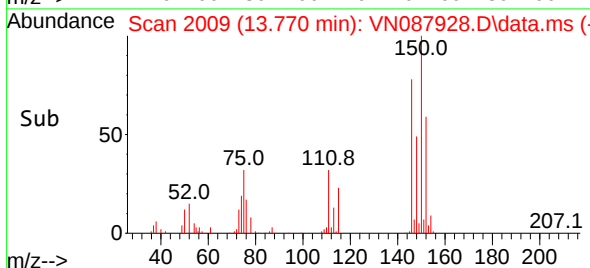
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

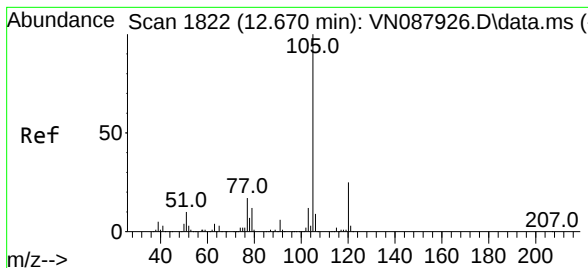


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.770 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56



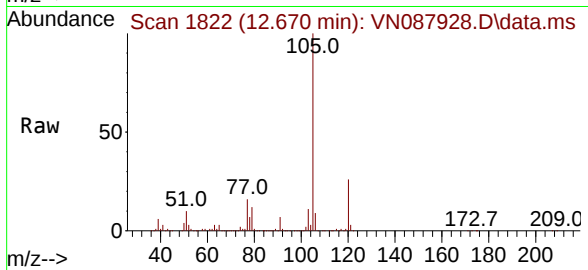
Tgt Ion:152 Resp: 234506  
Ion Ratio Lower Upper  
152 100  
115 61.0 29.9 89.7  
150 212.4 0.0 335.0





#73  
Isopropylbenzene  
Concen: 176.821 ug/l  
RT: 12.670 min Scan# 1822  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

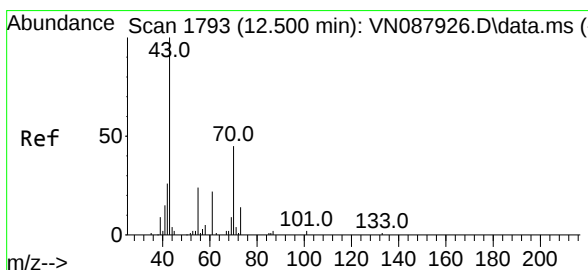
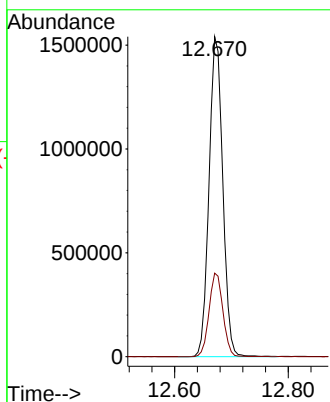
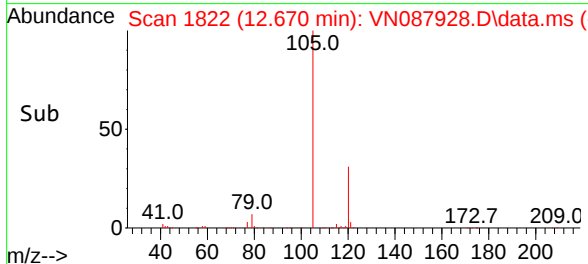
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150



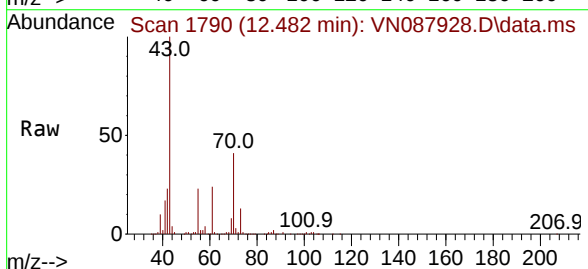
Tgt Ion:105 Resp: 256994  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.1 39.1

Manual Integrations  
APPROVED

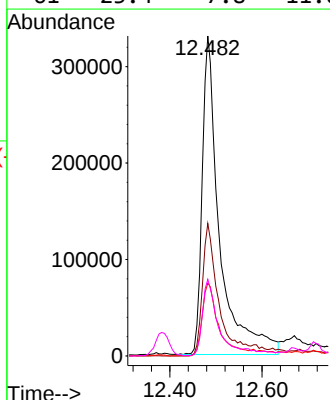
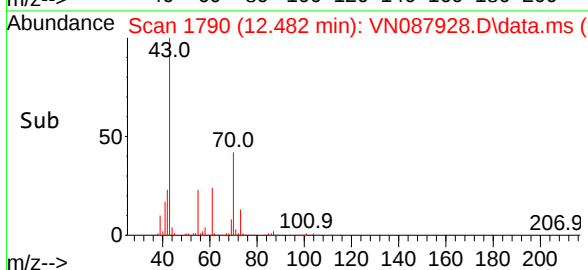
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

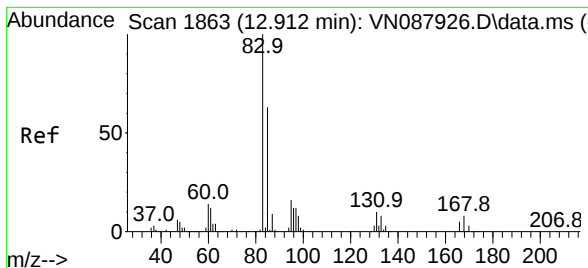


#74  
N-ethyl acetate  
Concen: 200.832 ug/l  
RT: 12.482 min Scan# 1790  
Delta R.T. -0.018 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56



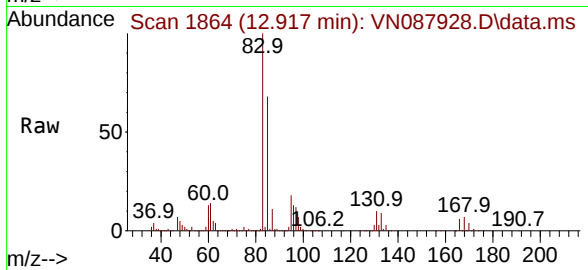
Tgt Ion: 43 Resp: 869458  
Ion Ratio Lower Upper  
43 100  
70 38.2 19.8 29.8#  
55 21.8 9.6 14.4#  
61 23.4 7.8 11.6#





#75  
1,1,2,2-Tetrachloroethane  
Concen: 156.965 ug/l  
RT: 12.917 min Scan# 1864  
Delta R.T. 0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

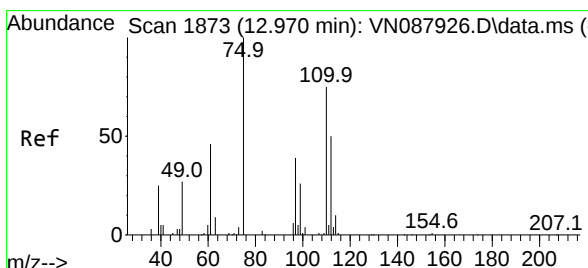
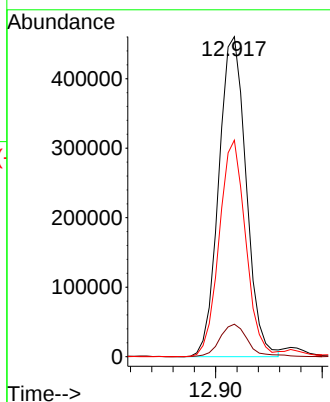
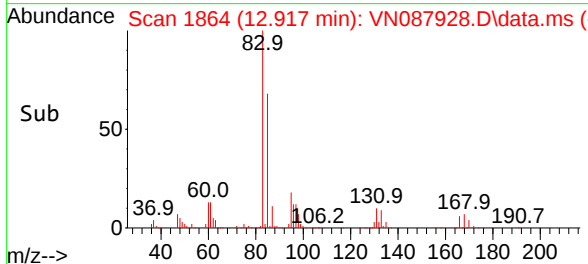
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



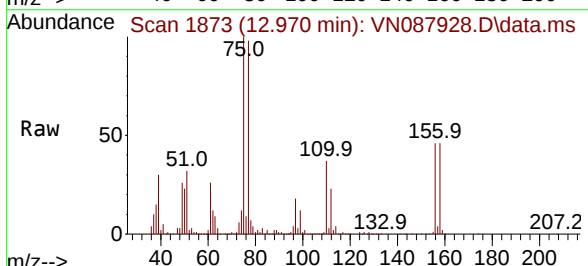
Tgt Ion: 83 Resp: 821974  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.2 15.6  
85 65.6 32.4 97.0

Manual Integrations  
APPROVED

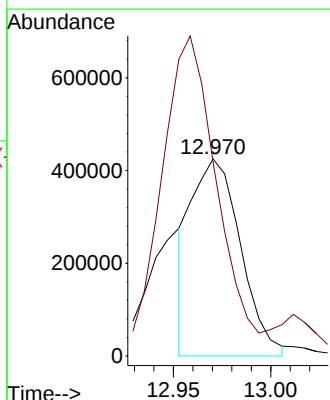
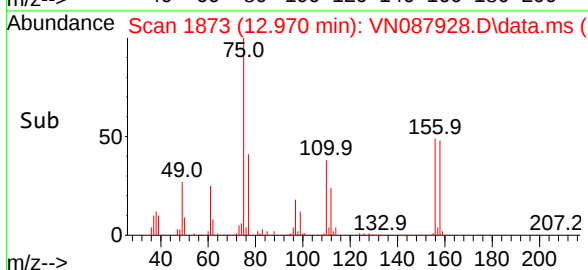
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

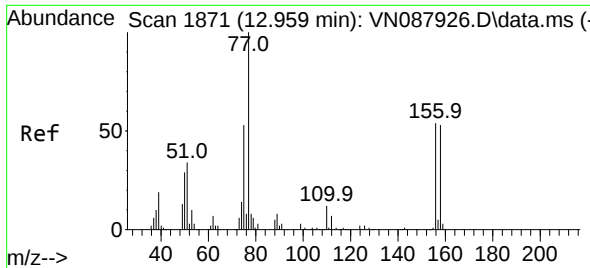


#76  
1,2,3-Trichloropropane  
Concen: 160.891 ug/l m  
RT: 12.970 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56



Tgt Ion: 75 Resp: 748421  
Ion Ratio Lower Upper  
75 100  
77 182.8 89.5 268.5





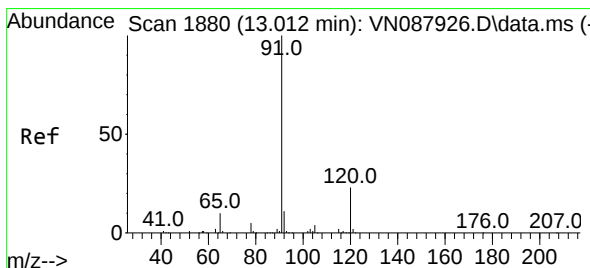
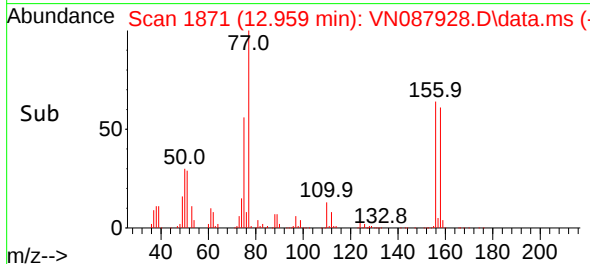
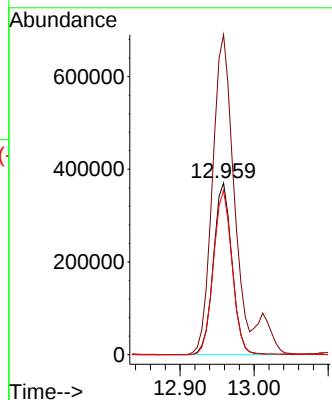
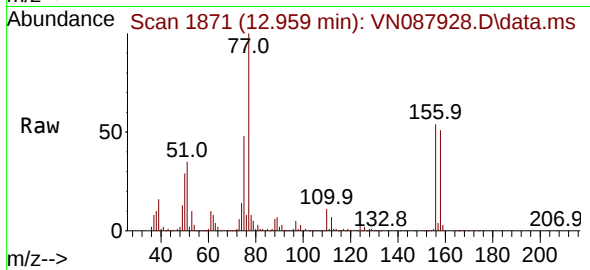
#77  
Bromobenzene  
Concen: 166.683 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion:156 Resp: 644570  
Ion Ratio Lower Upper  
156 100  
77 212.3 108.2 324.6  
158 96.1 49.6 149.0

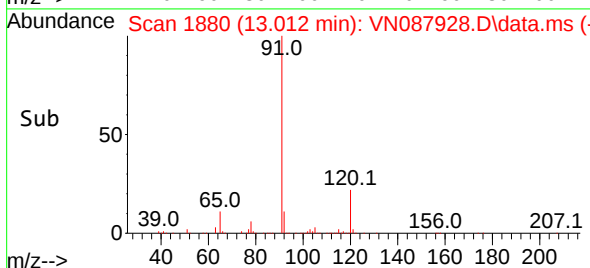
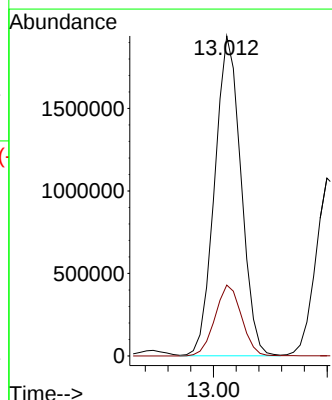
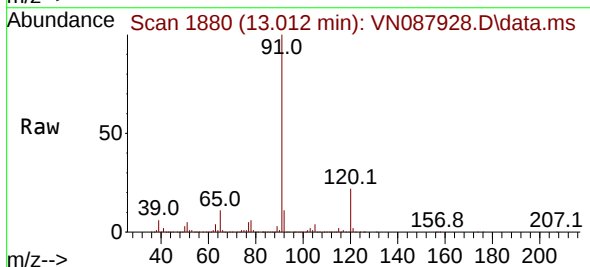
Manual Integrations  
APPROVED

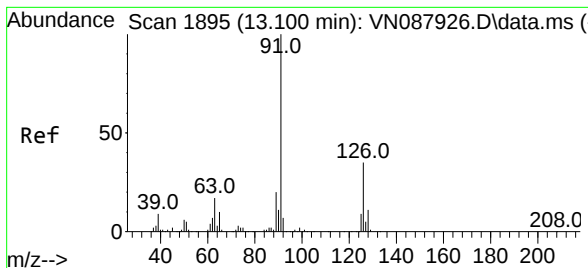
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#78  
n-propylbenzene  
Concen: 171.486 ug/l  
RT: 13.012 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

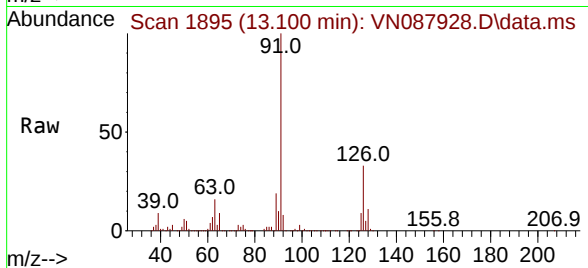
Tgt Ion: 91 Resp: 3116141  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.1 33.1





#79  
2-Chlorotoluene  
Concen: 168.288 ug/l  
RT: 13.100 min Scan# 1895  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

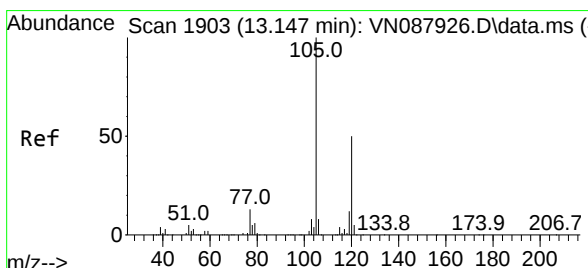
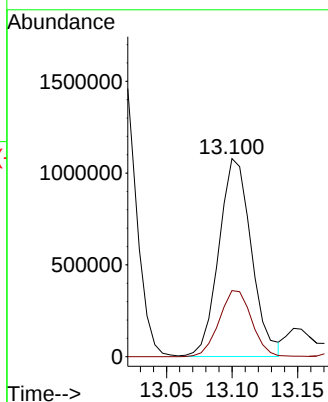
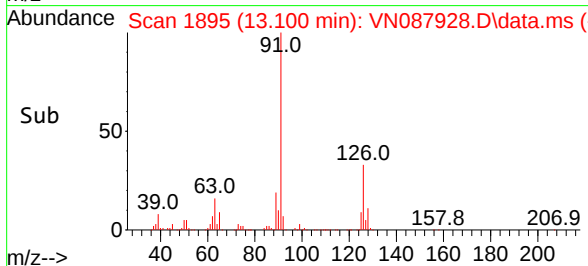
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



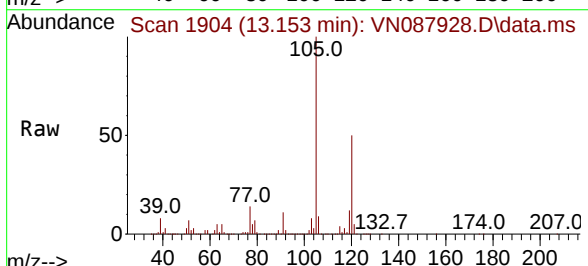
Tgt Ion: 91 Resp: 1861990  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.6 49.8

Manual Integrations  
APPROVED

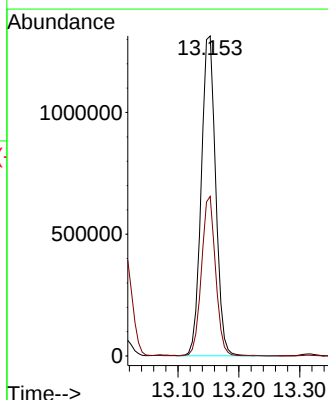
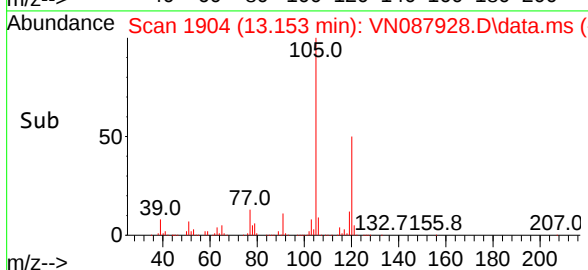
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

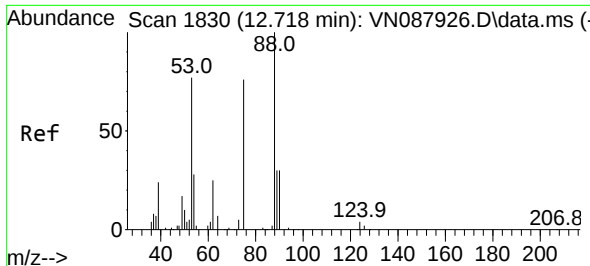


#80  
1,3,5-Trimethylbenzene  
Concen: 172.277 ug/l  
RT: 13.153 min Scan# 1904  
Delta R.T. 0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56



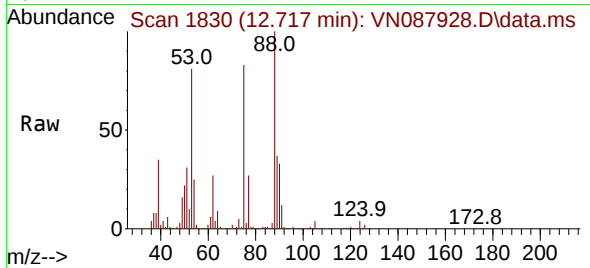
Tgt Ion:105 Resp: 2165785  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.7 74.1





#81  
trans-1,4-Dichloro-2-butene  
Concen: 188.706 ug/l  
RT: 12.717 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

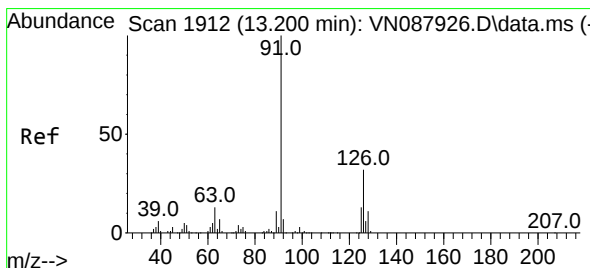
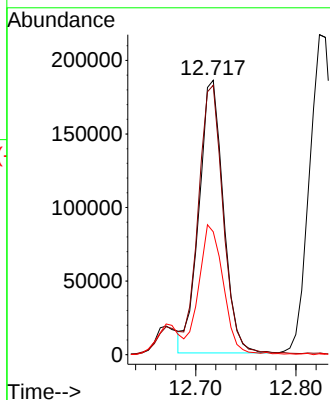
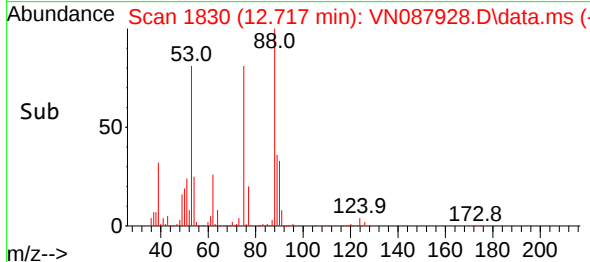
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 75 Resp: 314140  
Ion Ratio Lower Upper  
75 100  
53 99.6 82.0 123.0  
89 47.4 36.1 54.1

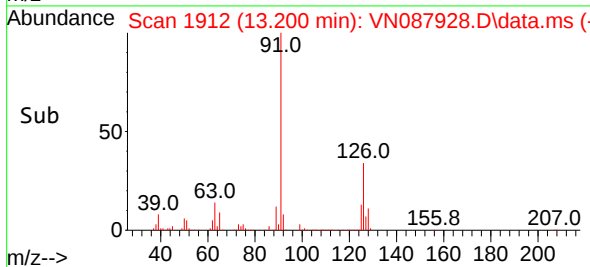
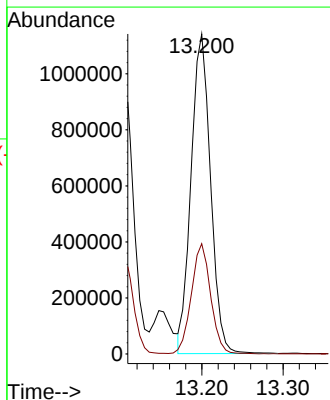
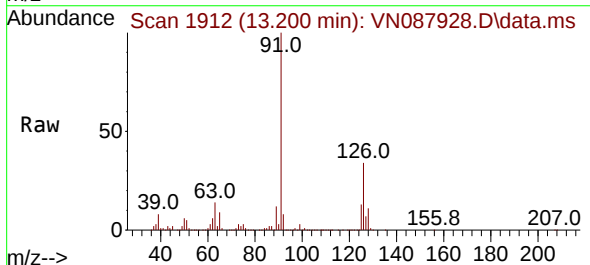
Manual Integrations  
APPROVED

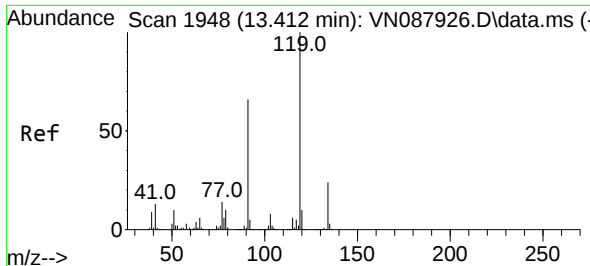
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#82  
4-Chlorotoluene  
Concen: 170.704 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

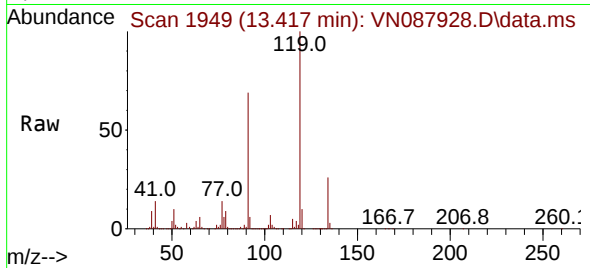
Tgt Ion: 91 Resp: 1903146  
Ion Ratio Lower Upper  
91 100  
126 34.1 16.9 50.6





#83  
tert-Butylbenzene  
Concen: 173.412 ug/l  
RT: 13.417 min Scan# 1949  
Delta R.T. 0.006 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

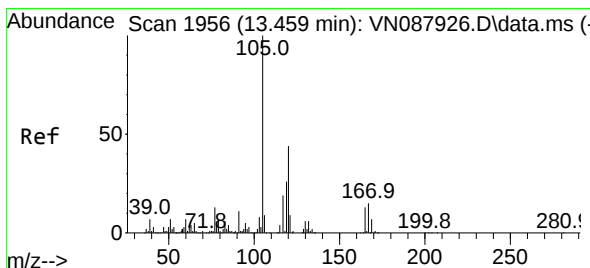
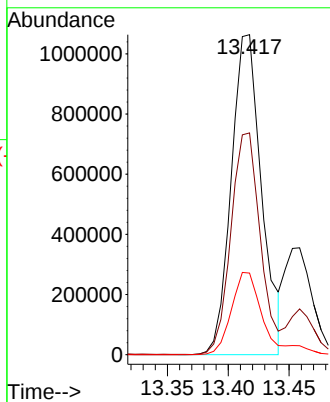
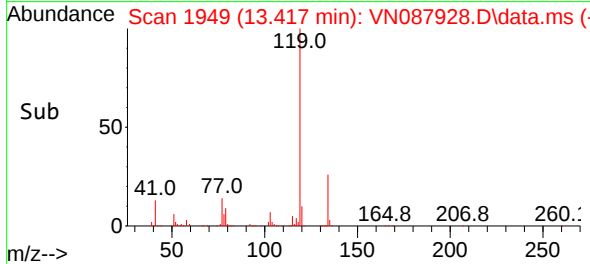
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



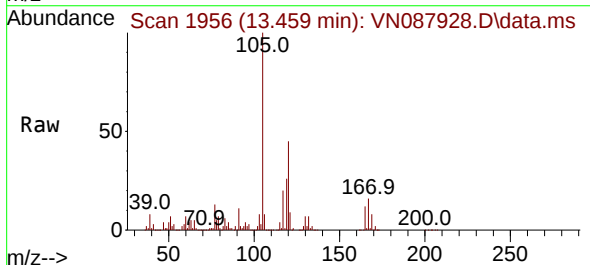
Tgt Ion:119 Resp: 1845254  
Ion Ratio Lower Upper  
119 100  
91 66.9 32.1 96.3  
134 27.2 12.3 36.8

Manual Integrations  
APPROVED

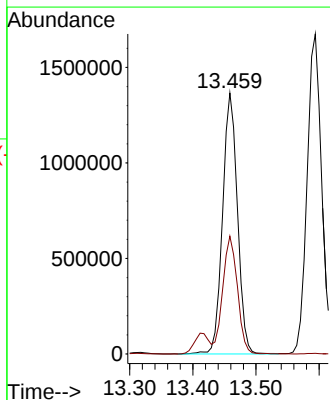
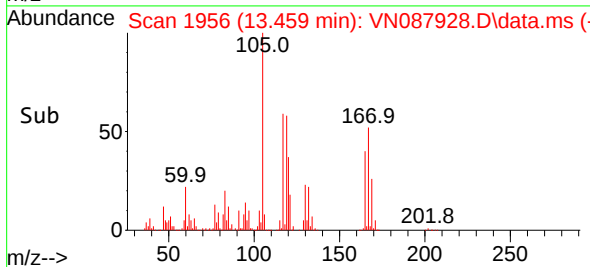
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

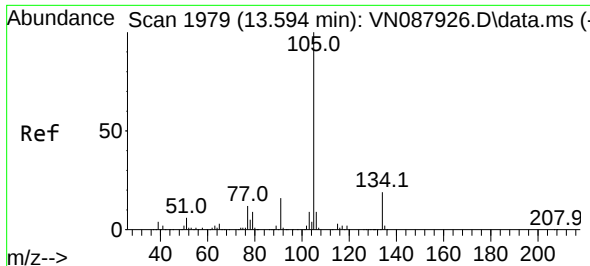


#84  
1,2,4-Trimethylbenzene  
Concen: 173.177 ug/l  
RT: 13.459 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56



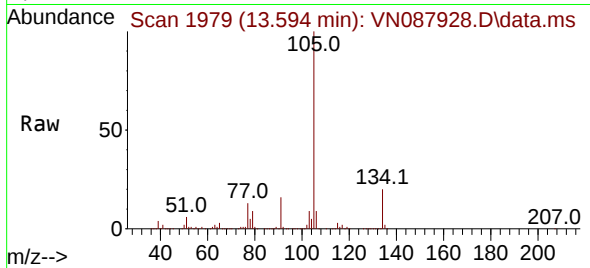
Tgt Ion:105 Resp: 2233067  
Ion Ratio Lower Upper  
105 100  
120 44.7 22.4 67.3





#85  
 sec-Butylbenzene  
 Concen: 170.918 ug/l  
 RT: 13.594 min Scan# 1979  
 Delta R.T. -0.000 min  
 Lab File: VN087928.D  
 Acq: 23 Sep 2025 10:56

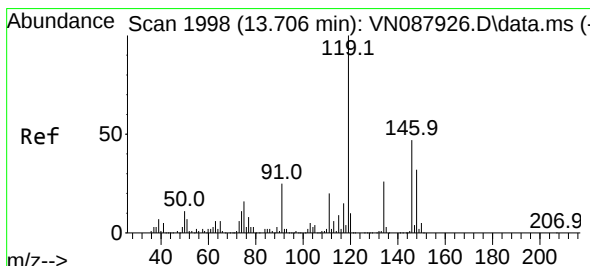
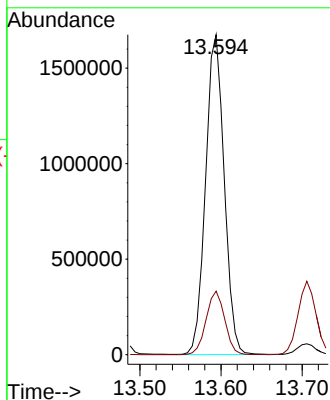
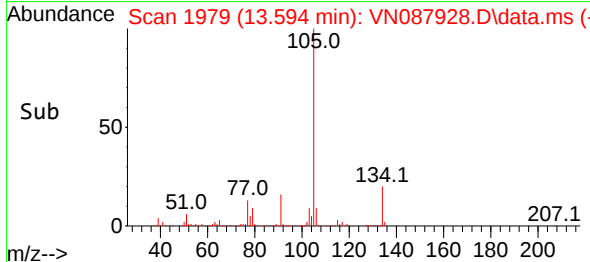
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150



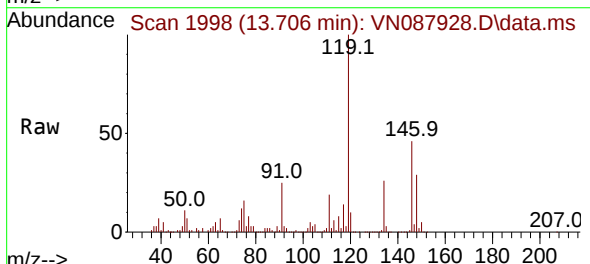
Tgt Ion:105 Resp: 266647  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 9.6 28.8

Manual Integrations  
 APPROVED

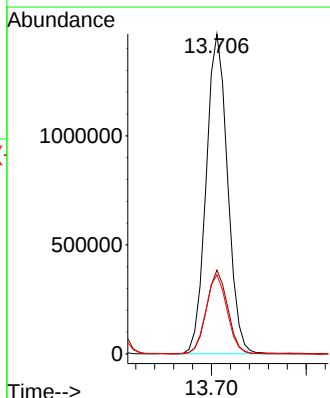
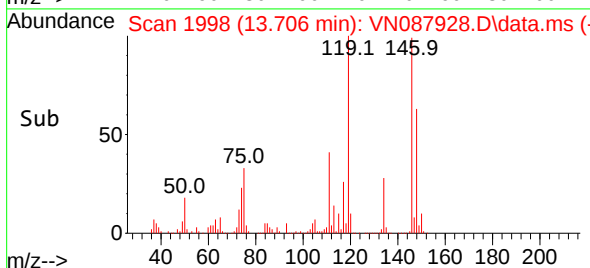
Reviewed By :John Carlone 09/24/2025  
 Supervised By :Mahesh Dadoda 09/26/2025

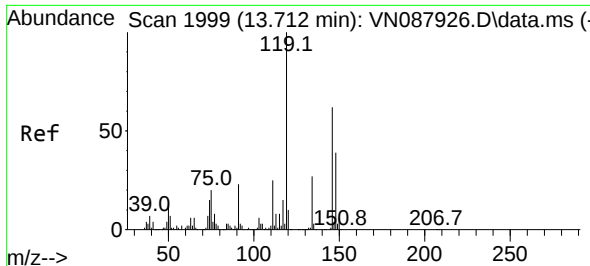


#86  
 p-Isopropyltoluene  
 Concen: 173.808 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. -0.000 min  
 Lab File: VN087928.D  
 Acq: 23 Sep 2025 10:56



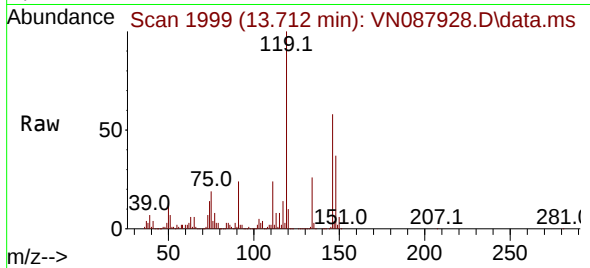
Tgt Ion:119 Resp: 2296563  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.1 39.3  
 91 24.6 11.9 35.5





#87  
1,3-Dichlorobenzene  
Concen: 162.683 ug/l  
RT: 13.712 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

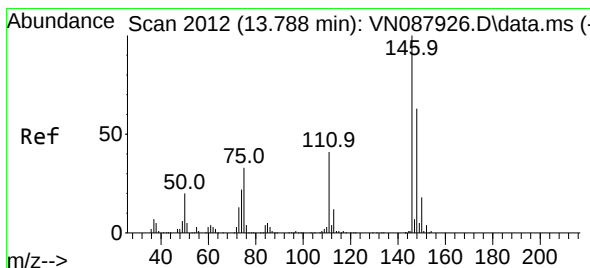
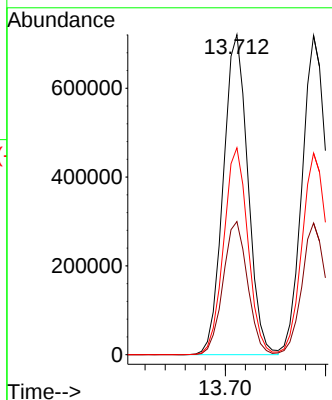
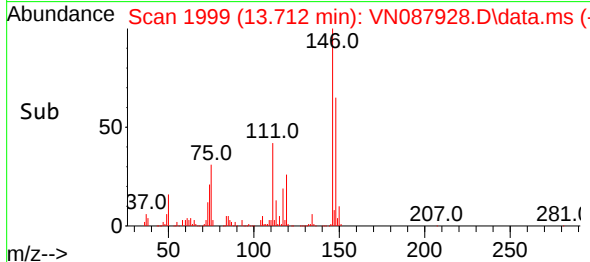
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



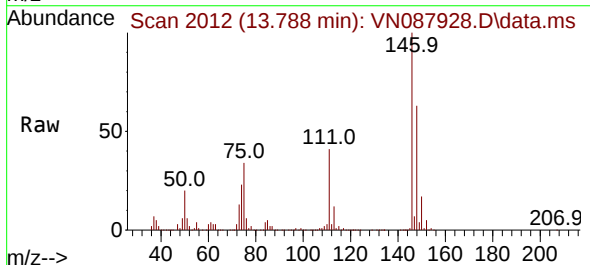
Tgt Ion:146 Resp: 122764  
Ion Ratio Lower Upper  
146 100  
111 41.3 20.3 60.8  
148 63.5 32.4 97.2

Manual Integrations  
APPROVED

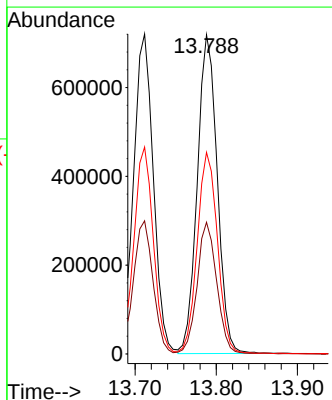
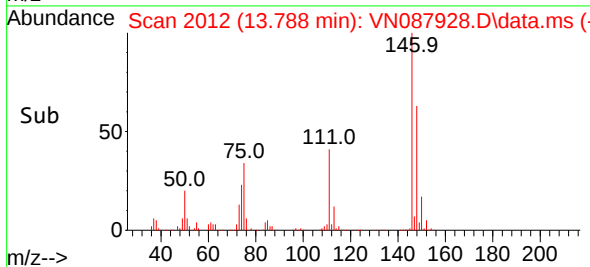
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

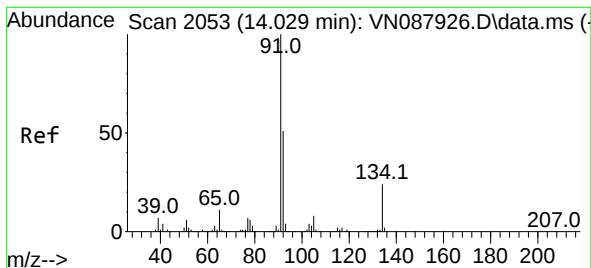


#88  
1,4-Dichlorobenzene  
Concen: 158.218 ug/l  
RT: 13.788 min Scan# 1212  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56



Tgt Ion:146 Resp: 1227019  
Ion Ratio Lower Upper  
146 100  
111 40.3 20.5 61.5  
148 64.1 32.8 98.4





#89

n-Butylbenzene

Concen: 171.197 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 2137754

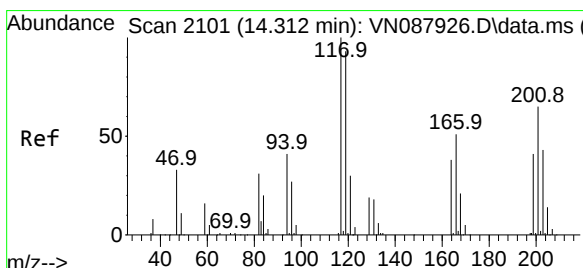
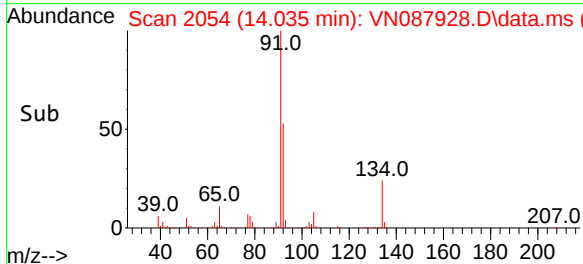
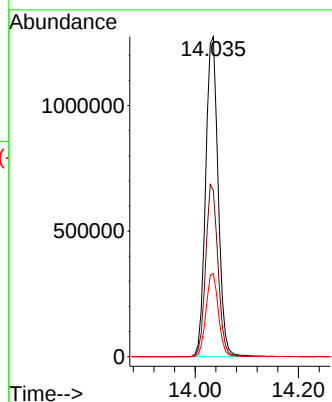
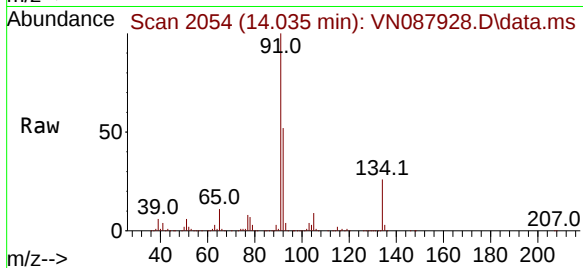
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.1  | 25.9  | 77.8  |
| 134 | 25.7  | 12.6  | 37.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#90

Hexachloroethane

Concen: 161.465 ug/l

RT: 14.306 min Scan# 2100

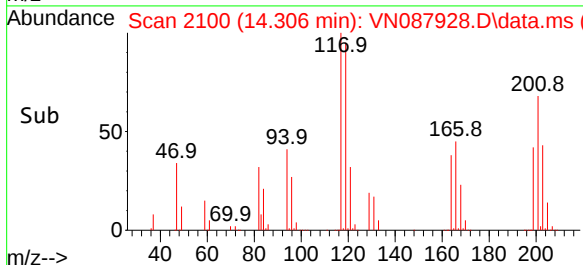
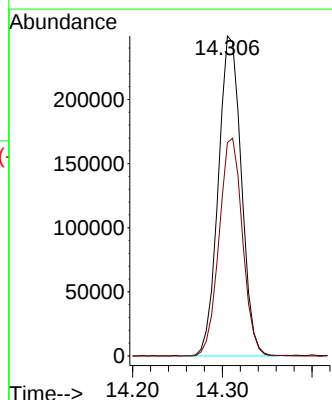
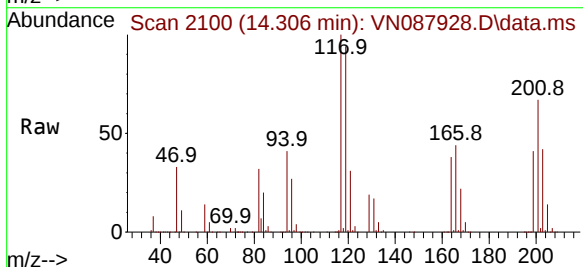
Delta R.T. -0.006 min

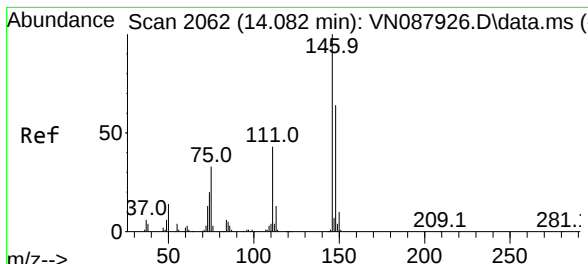
Lab File: VN087928.D

Acq: 23 Sep 2025 10:56

Tgt Ion:117 Resp: 445654

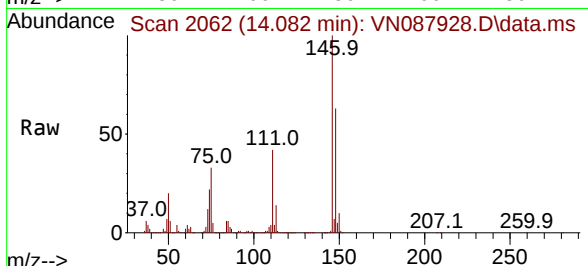
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 68.9  | 33.6  | 100.6 |





#91  
 1,2-Dichlorobenzene  
 Concen: 161.827 ug/l  
 RT: 14.082 min Scan# 2062  
 Delta R.T. -0.000 min  
 Lab File: VN087928.D  
 Acq: 23 Sep 2025 10:56

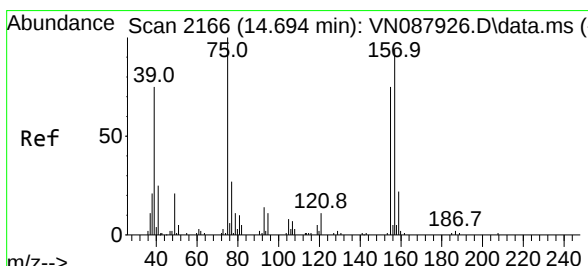
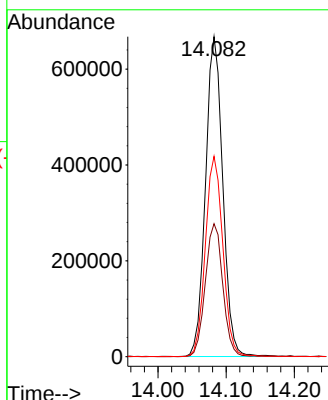
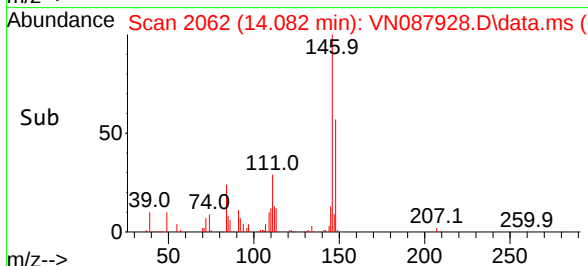
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150



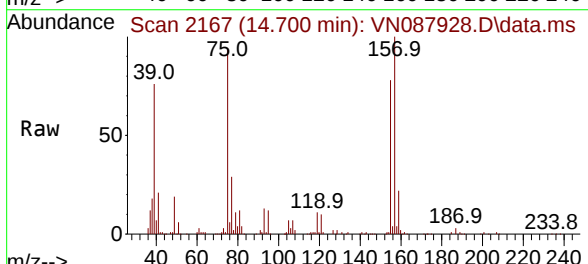
Tgt Ion:146 Resp: 117711  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 20.9 62.7  
 148 63.4 31.9 95.9

Manual Integrations  
 APPROVED

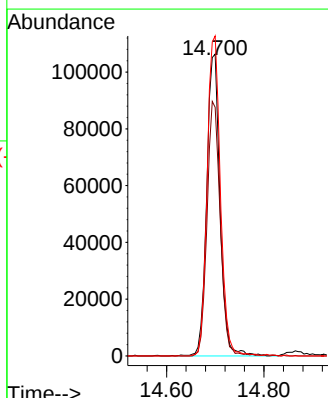
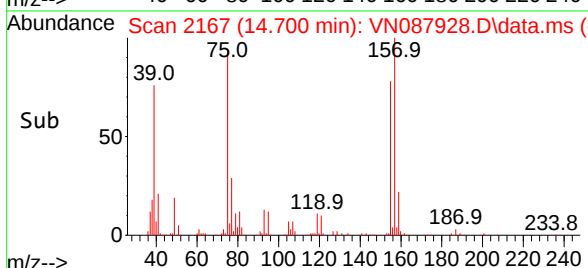
Reviewed By :John Carlone 09/24/2025  
 Supervised By :Mahesh Dadoda 09/26/2025

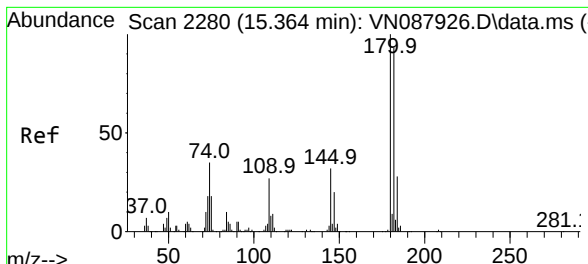


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 165.436 ug/l  
 RT: 14.700 min Scan# 2167  
 Delta R.T. 0.006 min  
 Lab File: VN087928.D  
 Acq: 23 Sep 2025 10:56



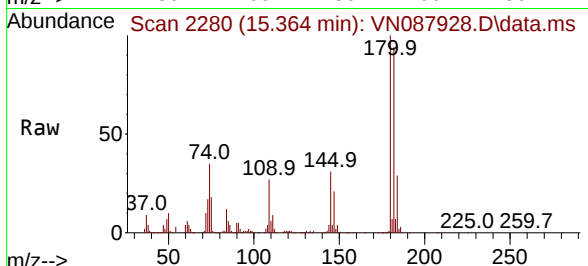
Tgt Ion: 75 Resp: 201299  
 Ion Ratio Lower Upper  
 75 100  
 155 83.3 40.2 120.6  
 157 105.7 50.9 152.7





#93  
1,2,4-Trichlorobenzene  
Concen: 180.060 ug/l  
RT: 15.364 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56

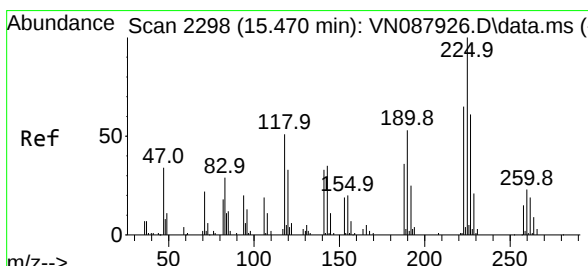
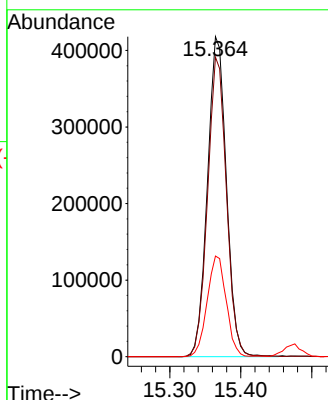
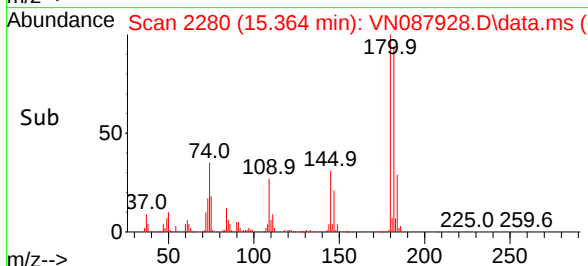
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



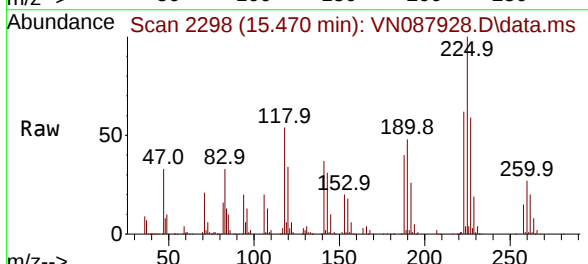
Tgt Ion:180 Resp: 773312  
Ion Ratio Lower Upper  
180 100  
182 93.3 48.5 145.5  
145 31.8 15.9 47.6

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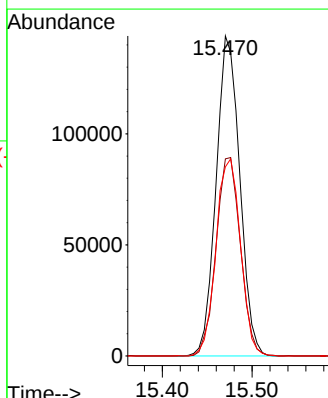
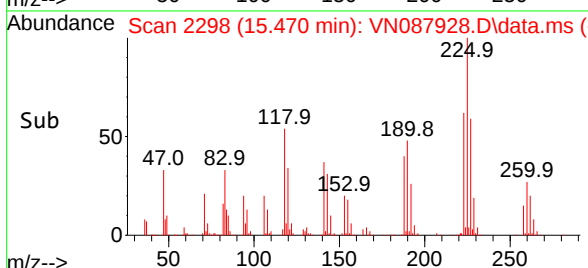
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

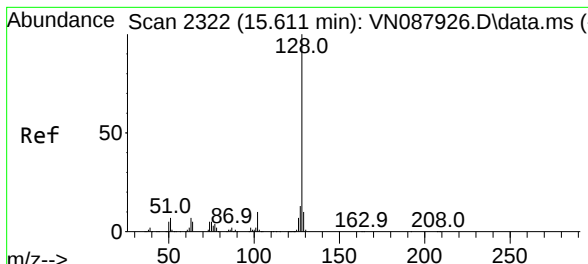


#94  
Hexachlorobutadiene  
Concen: 166.949 ug/l  
RT: 15.470 min Scan# 2298  
Delta R.T. -0.000 min  
Lab File: VN087928.D  
Acq: 23 Sep 2025 10:56



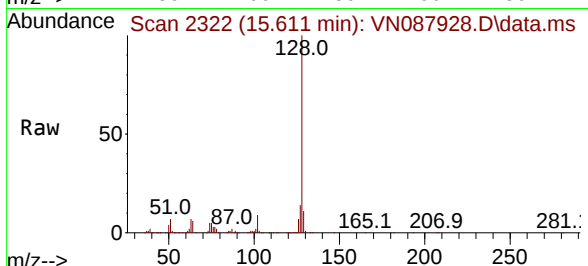
Tgt Ion:225 Resp: 263904  
Ion Ratio Lower Upper  
225 100  
223 63.8 31.8 95.4  
227 63.9 31.9 95.9





#95  
 Naphthalene  
 Concen: 188.641 ug/l  
 RT: 15.611 min Scan# 2322  
 Delta R.T. -0.000 min  
 Lab File: VN087928.D  
 Acq: 23 Sep 2025 10:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

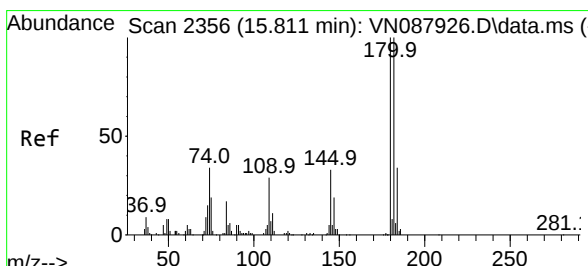
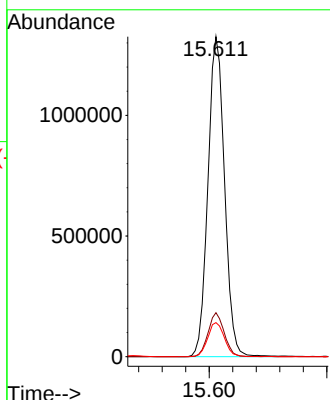
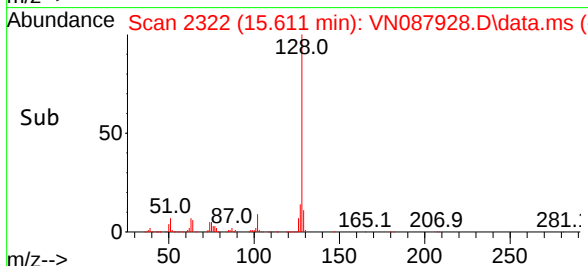


Tgt Ion:128 Resp: 2600638

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.3  | 10.2  | 15.4  |
| 129 | 10.8  | 8.6   | 13.0  |

Manual Integrations  
 APPROVED

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



#96  
 1,2,3-Trichlorobenzene  
 Concen: 179.922 ug/l  
 RT: 15.811 min Scan# 2356  
 Delta R.T. -0.000 min  
 Lab File: VN087928.D  
 Acq: 23 Sep 2025 10:56

Tgt Ion:180 Resp: 751222

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.7  | 47.3  | 142.0 |
| 145 | 33.5  | 16.1  | 48.3  |

