

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080725\  
 Data File : VN087485.D  
 Acq On : 07 Aug 2025 11:09  
 Operator : JC\MD  
 Sample : VN0807WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0807WBSD01

Quant Time: Aug 08 01:17:01 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N080525W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Aug 06 02:01:21 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.800  | 128   | 60691    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.083  | 114   | 333291   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.847 | 117   | 299942   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.565  | 65    | 171051   | 30.557   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 101.867% |
| 60) 4-Bromofluorobenzene     | 12.829 | 95    | 151429   | 29.336   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 97.800%  |
| 63) Toluene-d8               | 10.547 | 98    | 410968   | 29.778   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 99.267%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142  | 85    | 91742    | 23.153   | ug/l   | 95       |
| 3) Chloromethane             | 2.383  | 50    | 87913    | 21.624   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.542  | 62    | 97122    | 22.524   | ug/l   | 95       |
| 5) Bromomethane              | 2.983  | 94    | 50447    | 21.614   | ug/l   | 88       |
| 6) Chloroethane              | 3.136  | 64    | 62704    | 22.551   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.512  | 101   | 138489   | 22.317   | ug/l   | 95       |
| 8) Diethyl Ether             | 3.965  | 74    | 57590    | 22.276   | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365  | 101   | 72926    | 23.045   | ug/l   | 87       |
| 10) 1,1-Dichloroethene       | 4.330  | 96    | 77034    | 23.175   | ug/l   | 87       |
| 11) Methyl Iodide            | 4.577  | 142   | 50122    | 19.150   | ug/l   | 92       |
| 12) Methyl Acetate           | 5.018  | 43    | 130658   | 21.301   | ug/l   | 93       |
| 13) Acrolein                 | 4.183  | 56    | 112933   | 120.543  | ug/l   | 100      |
| 14) Acrylonitrile            | 5.712  | 53    | 282311   | 105.398  | ug/l   | 100      |
| 15) Acetone                  | 4.424  | 58    | 81356    | 106.304  | ug/l   | 98       |
| 16) Carbon Disulfide         | 4.706  | 76    | 211753   | 20.537   | ug/l   | 98       |
| 17) Allyl chloride           | 5.012  | 41    | 136783   | 20.189   | ug/l   | 95       |
| 18) Methylene Chloride       | 5.259  | 84    | 89323    | 20.874   | ug/l   | 91       |
| 19) trans-1,2-Dichloroethene | 5.765  | 96    | 41394    | 10.472   | ug/l   | 93       |
| 20) Diisopropyl ether        | 6.665  | 45    | 315107   | 20.416   | ug/l   | 98       |
| 21) 1,1-Dichloroethane       | 6.553  | 63    | 163918   | 20.546   | ug/l   | 97       |
| 22) cis-1,2-Dichloroethene   | 7.471  | 96    | 99320    | 20.421   | ug/l   | 97       |
| 23) tert-Butyl Alcohol       | 5.524  | 59    | 114200   | 100.336  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.789  | 73    | 313483   | 20.697   | ug/l   | 99       |
| 25) Chloroform               | 7.953  | 83    | 176256   | 21.165   | ug/l   | 90       |
| 26) Cyclohexane              | 8.241  | 56    | 138422   | 21.670   | ug/l # | 97       |
| 29) 1,1-Dichloropropene      | 8.353  | 75    | 116818   | 21.490   | ug/l   | 97       |
| 30) 2-Butanone               | 7.471  | 43    | 425427   | 106.172  | ug/l   | 99       |
| 31) 2,2-Dichloropropane      | 7.471  | 77    | 149737   | 21.357   | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 8.147  | 97    | 151139   | 21.800   | ug/l   | 96       |
| 33) Carbon Tetrachloride     | 8.347  | 117   | 120394   | 20.903   | ug/l   | 92       |
| 34) Benzene                  | 8.588  | 78    | 358063   | 20.866   | ug/l   | 97       |
| 35) Methacrylonitrile        | 7.759  | 41    | 93160    | 21.545   | ug/l   | 98       |
| 36) 1,2-Dichloroethane       | 8.653  | 62    | 145527   | 20.983   | ug/l   | 99       |
| 37) Trichloroethene          | 9.335  | 130   | 81659    | 21.604   | ug/l   | 85       |
| 38) Methylcyclohexane        | 9.583  | 83    | 143366   | 22.734   | ug/l   | 98       |
| 39) 1,2-Dichloropropane      | 9.600  | 63    | 95303    | 21.662   | ug/l   | 99       |
| 40) Dibromomethane           | 9.688  | 93    | 70468    | 21.347   | ug/l   | 98       |
| 41) Bromodichloromethane     | 9.871  | 83    | 142197   | 20.730   | ug/l # | 99       |
| 42) Vinyl Acetate            | 6.594  | 43    | 1398376  | 105.972  | ug/l   | 99       |

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 Sample : VN0807WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0807WBSD01

Quant Time: Aug 08 01:17:01 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N080525W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Aug 06 02:01:21 2025  
 Response via : Initial Calibration

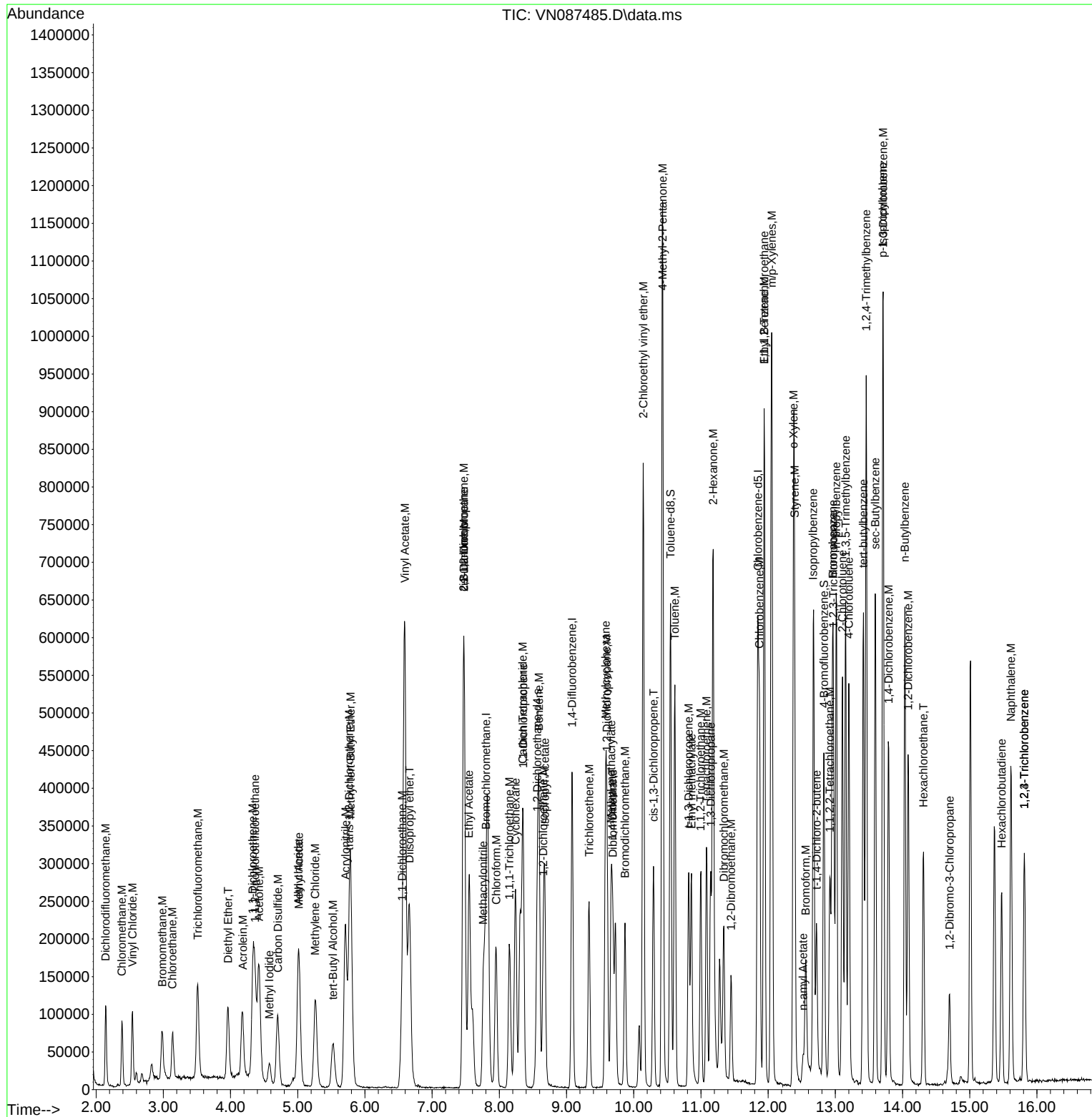
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.547  | 43   | 165860   | 21.426  | ug/l   | 96       |
| 44) Isopropyl Acetate         | 8.677  | 43   | 278907   | 21.255  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 9.683  | 88   | 36702    | 438.751 | ug/l   | 98       |
| 46) Methyl methacrylate       | 9.665  | 41   | 129656   | 20.933  | ug/l   | 97       |
| 47) n-amyl Acetate            | 12.518 | 43   | 27585    | 3.805   | ug/l # | 54       |
| 48) t-1,3-Dichloropropene     | 10.818 | 75   | 152028   | 20.372  | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene   | 10.294 | 75   | 153959   | 20.500  | ug/l   | 93       |
| 50) 1,1,2-Trichloroethane     | 10.994 | 97   | 89666    | 21.499  | ug/l   | 96       |
| 51) Ethyl methacrylate        | 10.859 | 69   | 146701   | 19.972  | ug/l   | 96       |
| 52) 1,3-Dichloropropane       | 11.147 | 76   | 158971   | 21.157  | ug/l   | 98       |
| 53) Dibromochloromethane      | 11.341 | 129  | 99557    | 20.670  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 11.447 | 107  | 93232    | 21.058  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 10.141 | 63   | 358165   | 92.626  | ug/l   | 100      |
| 56) Bromoform                 | 12.559 | 173  | 63002    | 19.776  | ug/l # | 98       |
| 58) 4-Methyl-2-Pentanone      | 10.430 | 43   | 827022   | 107.184 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.182 | 43   | 550672   | 105.038 | ug/l   | 99       |
| 61) Tetrachloroethene         | 11.082 | 164  | 64305    | 22.006  | ug/l   | 95       |
| 62) Toluene                   | 10.612 | 91   | 387636   | 20.939  | ug/l   | 100      |
| 64) Chlorobenzene             | 11.871 | 112  | 233549   | 20.531  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 11.941 | 131  | 82708    | 20.680  | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.941 | 91   | 435806   | 21.121  | ug/l   | 98       |
| 67) m/p-Xylenes               | 12.053 | 106  | 313770   | 41.428  | ug/l   | 100      |
| 68) o-Xylene                  | 12.376 | 106  | 154757   | 20.770  | ug/l   | 100      |
| 69) Styrene                   | 12.394 | 104  | 264320   | 20.775  | ug/l   | 99       |
| 70) Isopropylbenzene          | 12.671 | 105  | 409954   | 21.656  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.918 | 83   | 142352   | 21.947  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.971 | 75   | 181141   | 29.978  | ug/l   | 56       |
| 73) Bromobenzene              | 12.965 | 156  | 91640    | 20.882  | ug/l   | 99       |
| 74) n-propylbenzene           | 13.012 | 91   | 510865   | 21.609  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 13.106 | 91   | 305651   | 21.018  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 13.153 | 105  | 339823   | 20.966  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene   | 12.723 | 75   | 47751    | 20.876  | ug/l   | 91       |
| 78) 4-Chlorotoluene           | 13.200 | 91   | 311615   | 21.145  | ug/l   | 100      |
| 79) tert-butylbenzene         | 13.418 | 119  | 294944   | 21.583  | ug/l   | 97       |
| 80) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 344709   | 21.284  | ug/l   | 98       |
| 81) sec-Butylbenzene          | 13.594 | 105  | 443576   | 22.296  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.706 | 119  | 358297   | 21.691  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.712 | 146  | 176856   | 21.164  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 13.794 | 146  | 183521   | 21.662  | ug/l   | 100      |
| 85) n-Butylbenzene            | 14.035 | 91   | 354937   | 21.962  | ug/l   | 99       |
| 86) Hexachloroethane          | 14.312 | 117  | 68197    | 21.142  | ug/l   | 97       |
| 87) 1,2-Dichlorobenzene       | 14.082 | 146  | 172184   | 21.586  | ug/l   | 100      |
| 88) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 34090    | 20.747  | ug/l   | 96       |
| 89) 1,2,4-Trichlorobenzene    | 15.812 | 180  | 99079    | 20.784  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 15.476 | 225  | 41477    | 22.375  | ug/l   | 95       |
| 91) Naphthalene               | 15.612 | 128  | 375474   | 20.656  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.812 | 180  | 99079    | 20.784  | ug/l   | 98       |

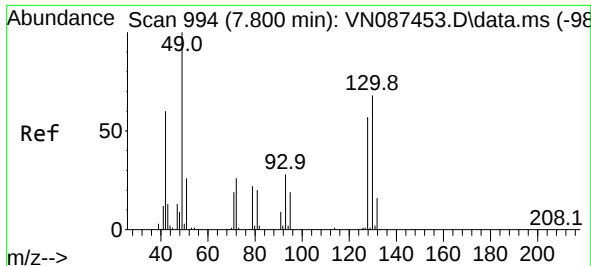
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN087485.D  
Acq On : 07 Aug 2025 11:09  
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Sample : VN0807WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

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QLast Update : Wed Aug 06 02:01:21 2025  
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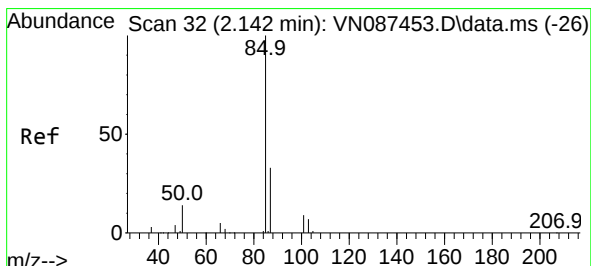
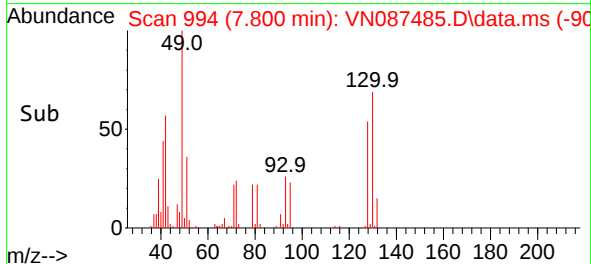
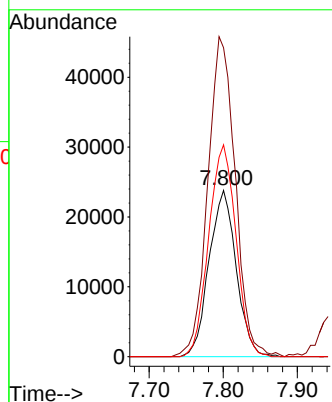
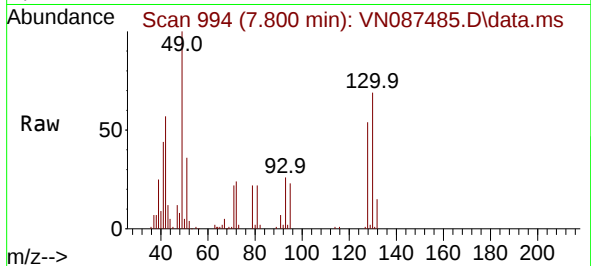




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.800 min Scan# 994  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

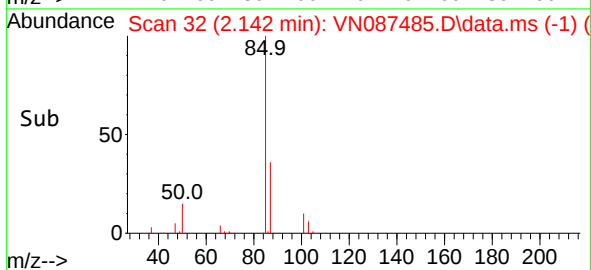
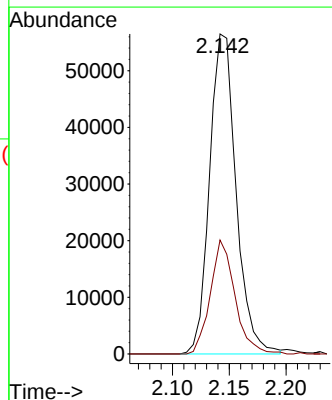
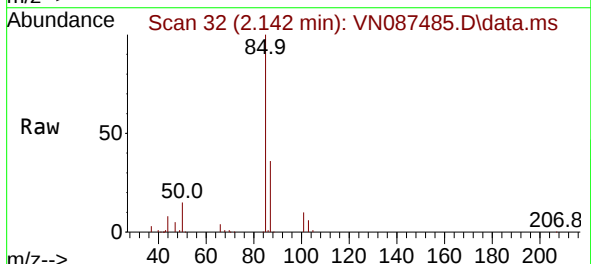
Instrument :  
MSVOA\_N  
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VN0807WBSD01

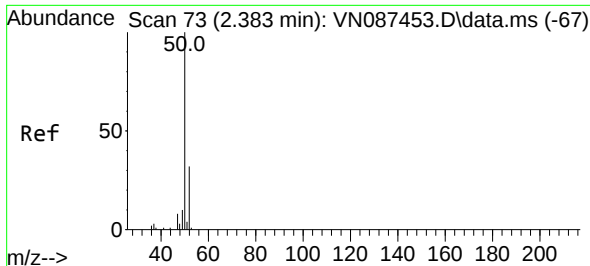
Tgt Ion:128 Resp: 60691  
Ion Ratio Lower Upper  
128 100  
49 193.6 0.0 494.8  
130 128.0 0.0 321.5



#2  
Dichlorodifluoromethane  
Concen: 23.153 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 85 Resp: 91742  
Ion Ratio Lower Upper  
85 100  
87 35.6 16.4 49.2





#3  
Chloromethane  
Concen: 21.624 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

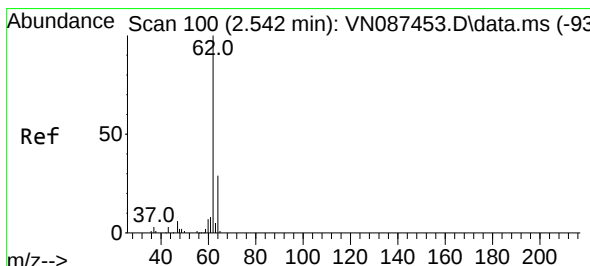
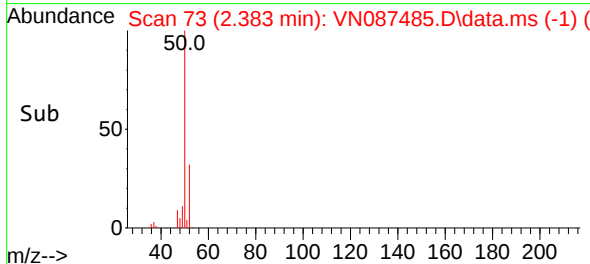
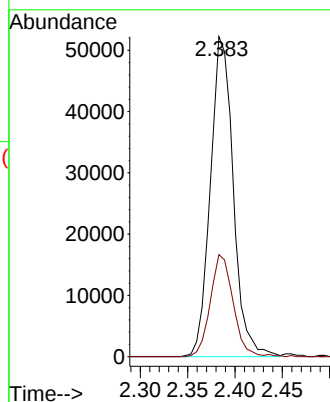
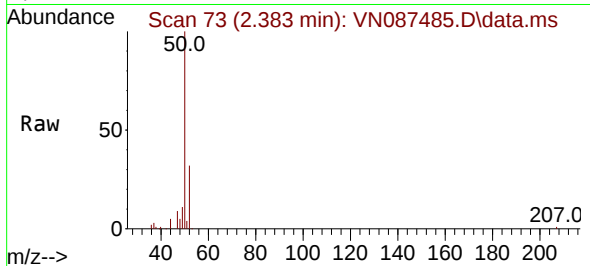
Instrument :

MSVOA\_N

ClientSampleId :

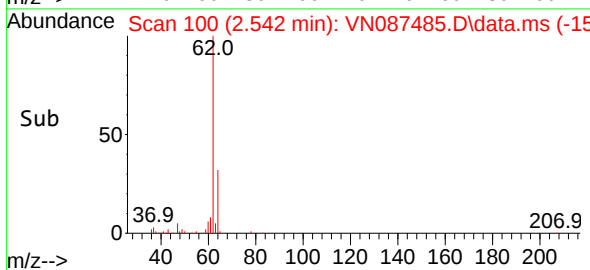
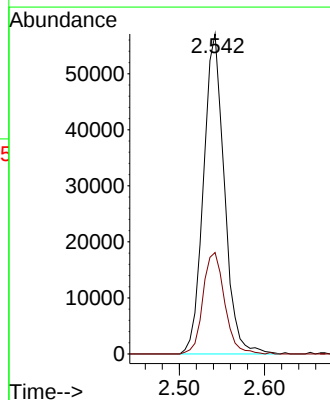
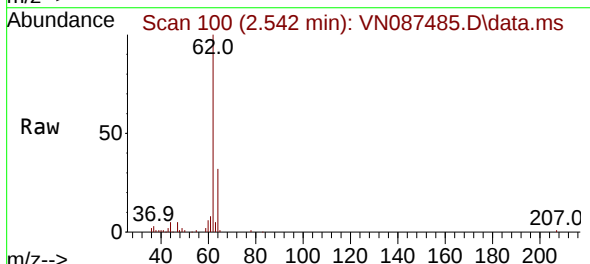
VN0807WBSD01

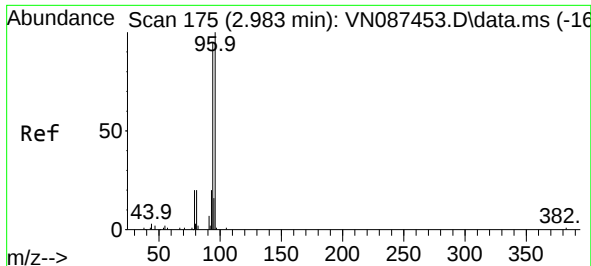
Tgt Ion: 50 Resp: 87913  
Ion Ratio Lower Upper  
50 100  
52 31.9 25.8 38.6



#4  
Vinyl Chloride  
Concen: 22.524 ug/l  
RT: 2.542 min Scan# 100  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 62 Resp: 97122  
Ion Ratio Lower Upper  
62 100  
64 31.7 23.4 35.2

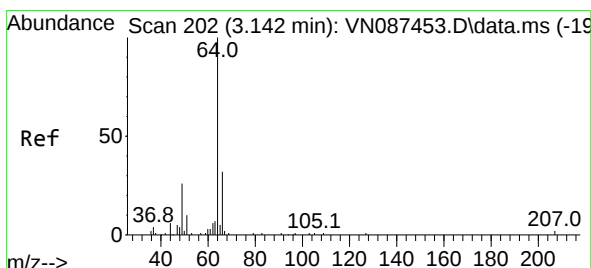
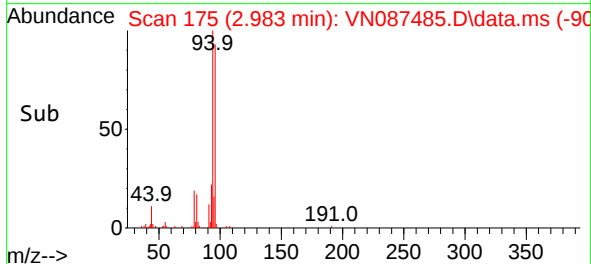
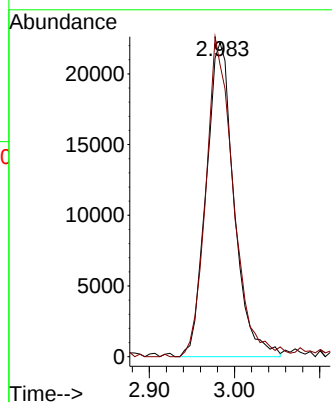
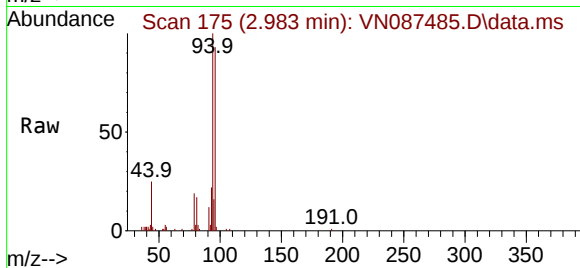




#5  
Bromomethane  
Concen: 21.614 ug/l  
RT: 2.983 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

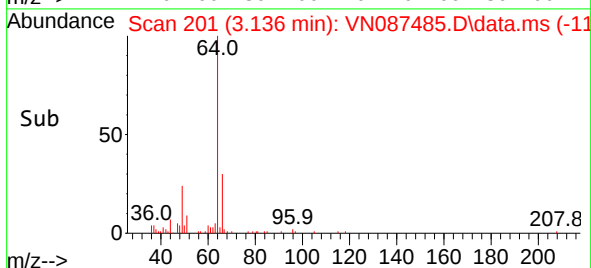
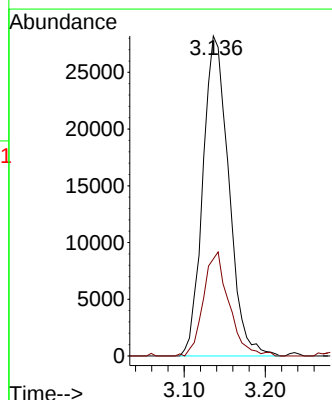
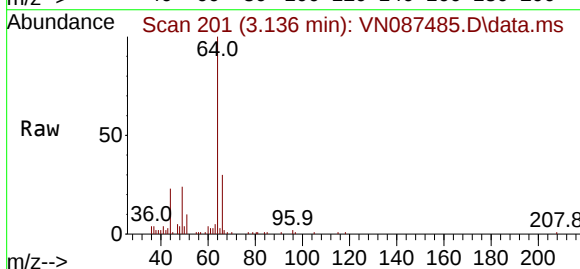
Instrument :  
MSVOA\_N  
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VN0807WBSD01

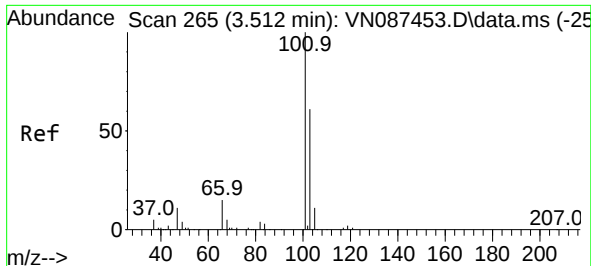
Tgt Ion: 94 Resp: 50447  
Ion Ratio Lower Upper  
94 100  
96 93.0 84.2 126.4



#6  
Chloroethane  
Concen: 22.551 ug/l  
RT: 3.136 min Scan# 201  
Delta R.T. -0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 64 Resp: 62704  
Ion Ratio Lower Upper  
64 100  
66 30.3 25.4 38.0

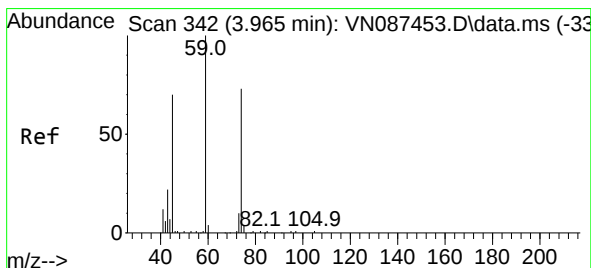
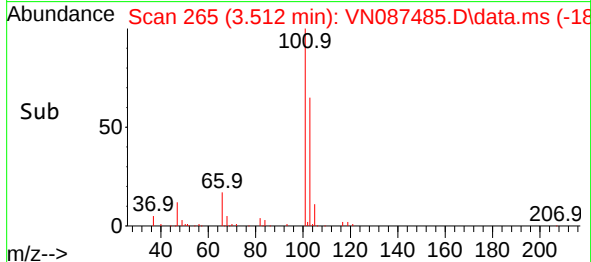
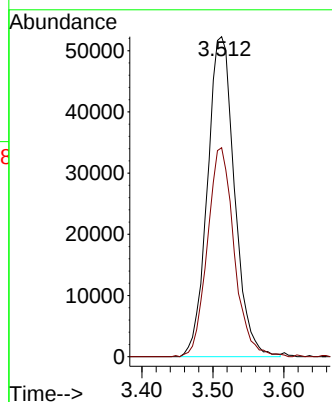
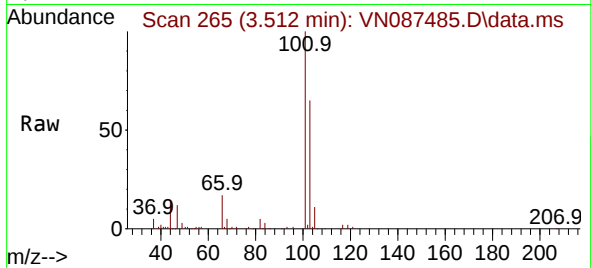




#7  
Trichlorofluoromethane  
Concen: 22.317 ug/l  
RT: 3.512 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

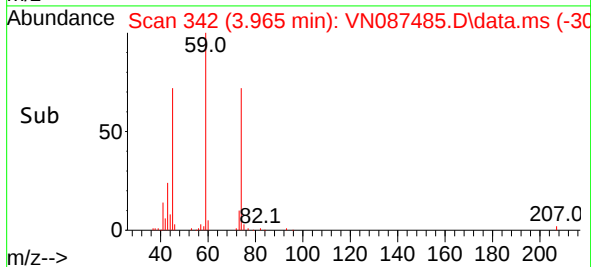
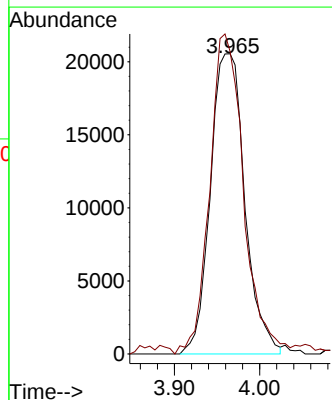
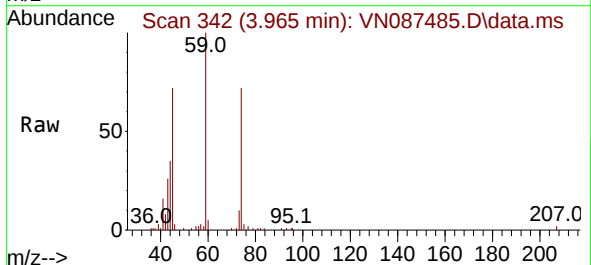
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

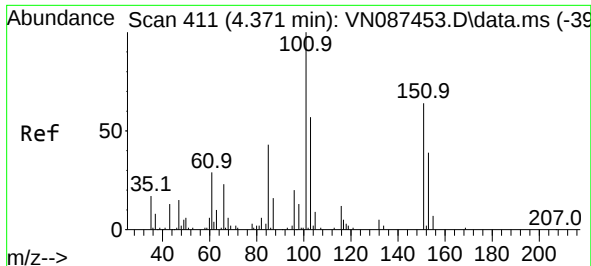
Tgt Ion:101 Resp: 138489  
Ion Ratio Lower Upper  
101 100  
103 65.3 49.2 73.8



#8  
Diethyl Ether  
Concen: 22.276 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 74 Resp: 57590  
Ion Ratio Lower Upper  
74 100  
45 104.5 20.1 180.9

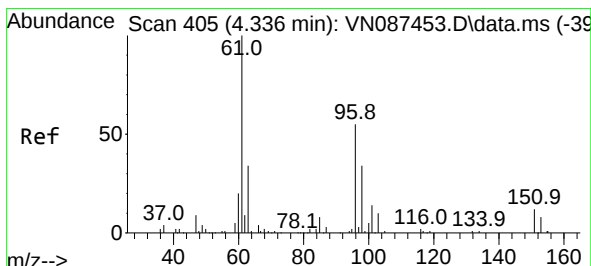
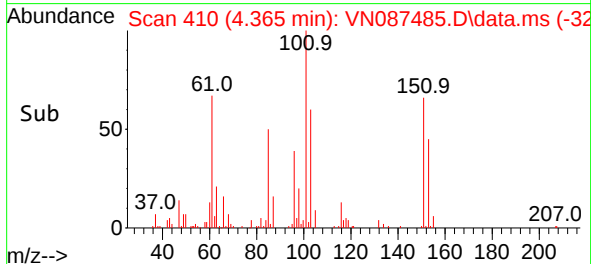
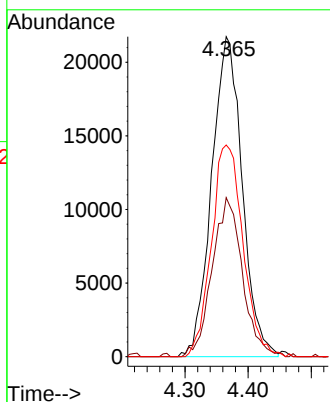
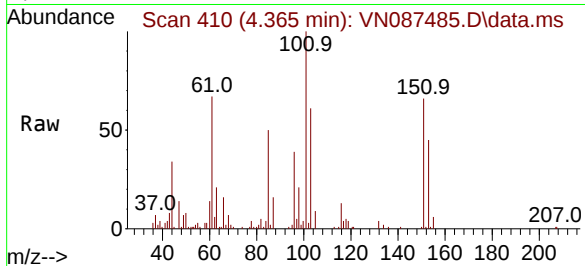




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 23.045 ug/l  
 RT: 4.365 min Scan# 411  
 Delta R.T. -0.006 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

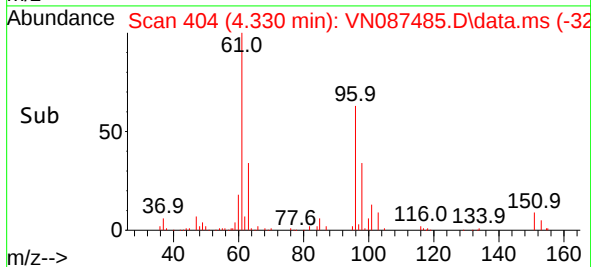
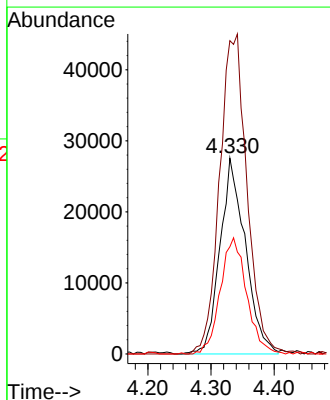
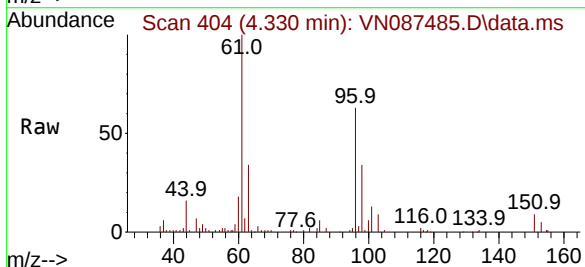
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0807WBSD01

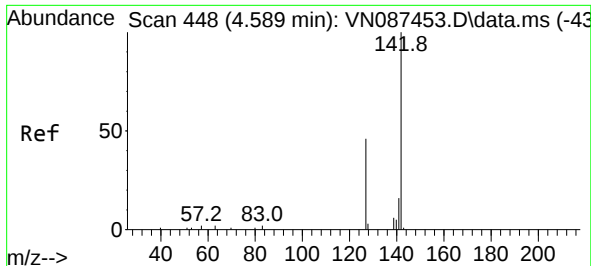
Tgt Ion:101 Resp: 72926  
 Ion Ratio Lower Upper  
 101 100  
 85 49.1 0.0 57.0  
 151 68.6 0.0 134.2



#10  
 1,1-Dichloroethene  
 Concen: 23.175 ug/l  
 RT: 4.330 min Scan# 404  
 Delta R.T. -0.006 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

Tgt Ion: 96 Resp: 77034  
 Ion Ratio Lower Upper  
 96 100  
 61 159.9 144.2 216.4  
 98 54.7 49.7 74.5

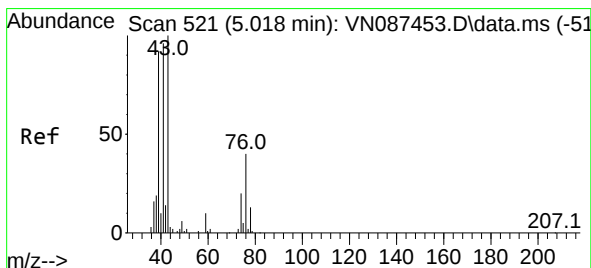
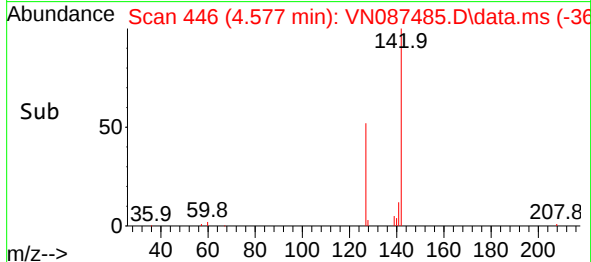
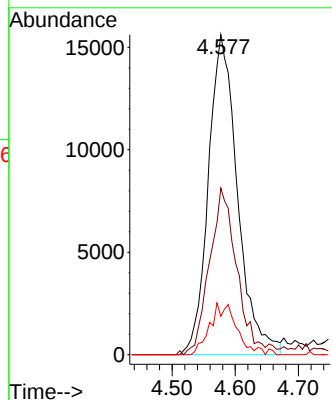
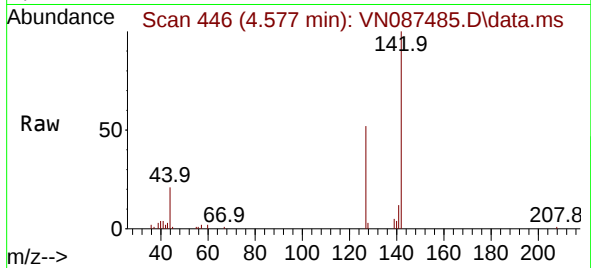




#11  
Methyl Iodide  
Concen: 19.150 ug/l  
RT: 4.577 min Scan# 448  
Delta R.T. -0.012 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

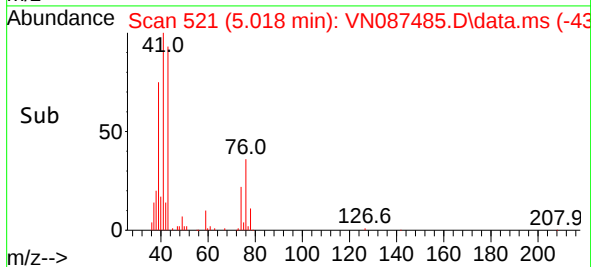
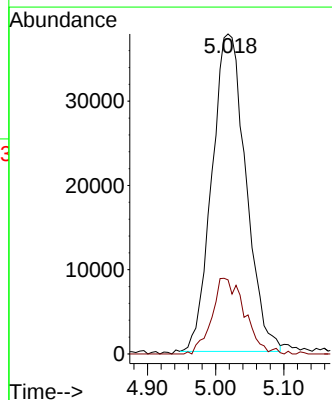
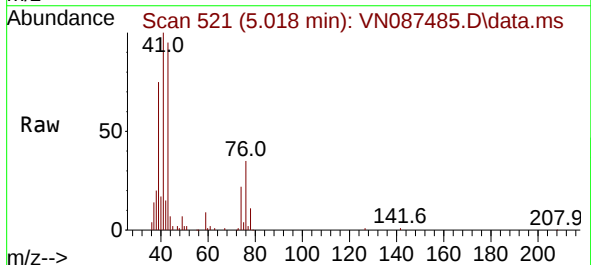
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

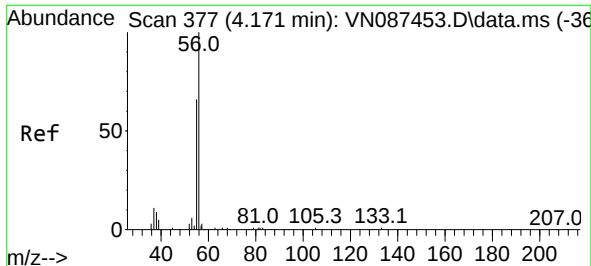
Tgt Ion:142 Resp: 50122  
Ion Ratio Lower Upper  
142 100  
127 51.5 22.9 68.7  
141 12.2 7.7 23.1



#12  
Methyl Acetate  
Concen: 21.301 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 43 Resp: 130658  
Ion Ratio Lower Upper  
43 100  
74 23.4 16.0 24.0

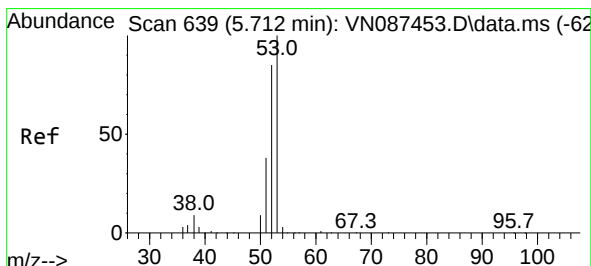
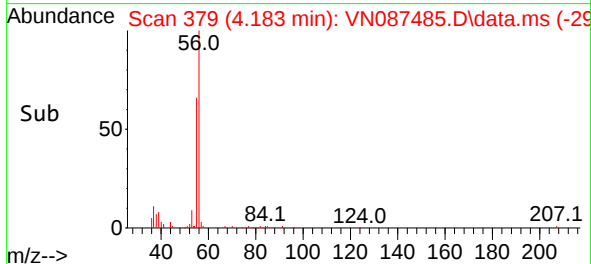
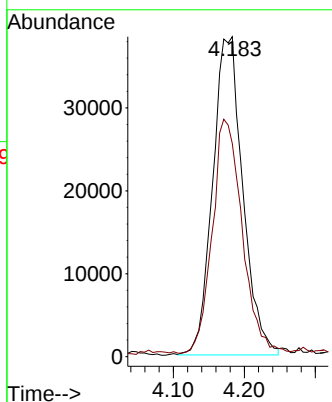
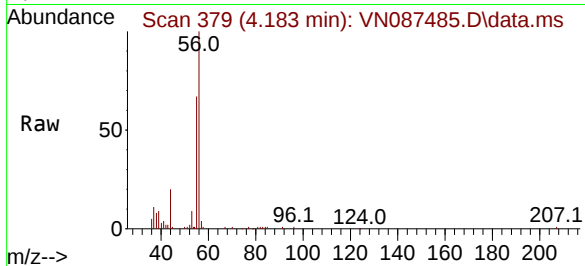




#13  
Acrolein  
Concen: 120.543 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

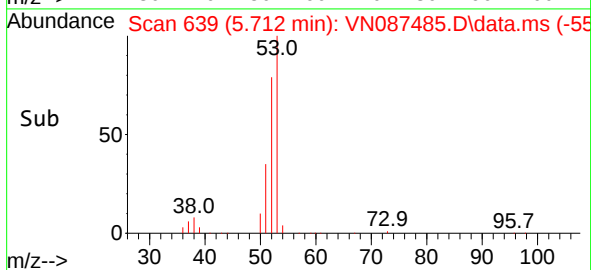
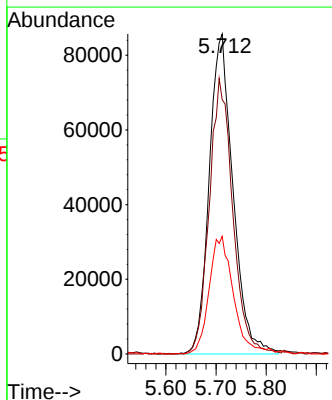
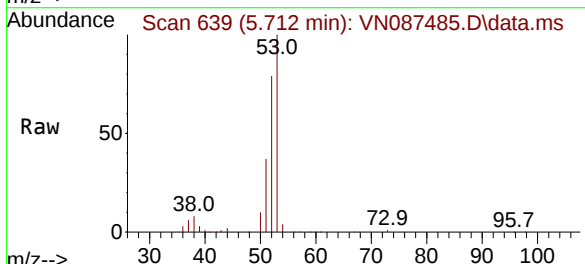
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

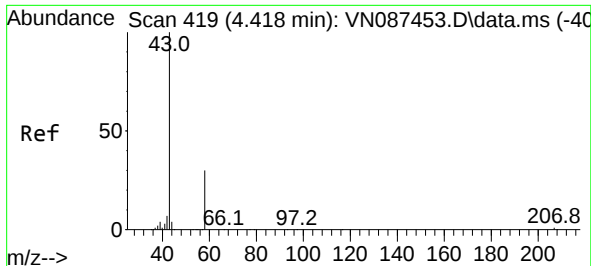
Tgt Ion: 56 Resp: 112933  
Ion Ratio Lower Upper  
56 100  
55 72.1 57.4 86.0



#14  
Acrylonitrile  
Concen: 105.398 ug/l  
RT: 5.712 min Scan# 639  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 53 Resp: 282311  
Ion Ratio Lower Upper  
53 100  
52 84.9 42.4 127.2  
51 37.3 18.5 55.5

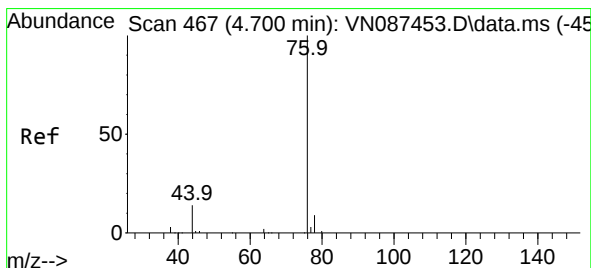
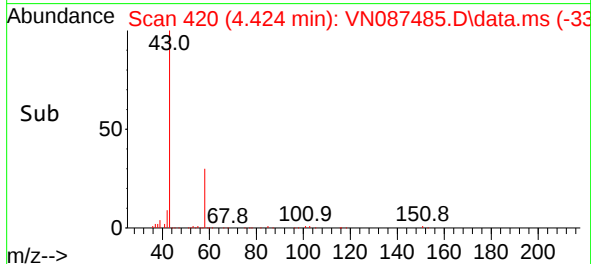
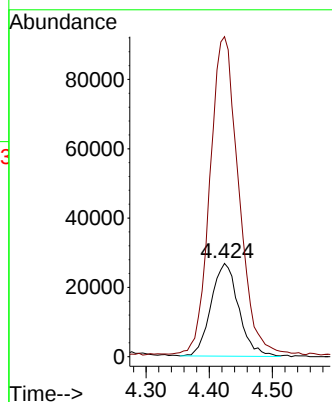
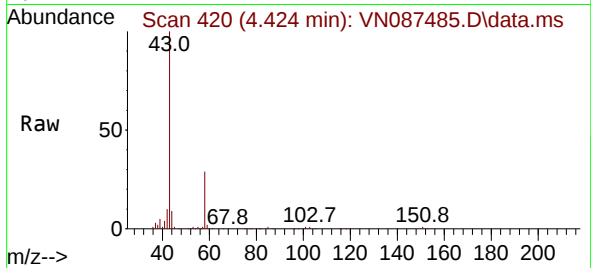




#15  
Acetone  
Concen: 106.304 ug/l  
RT: 4.424 min Scan# 419  
Delta R.T. 0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

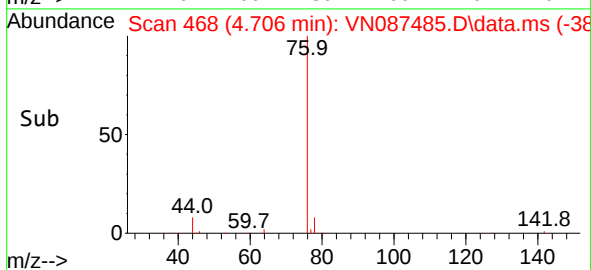
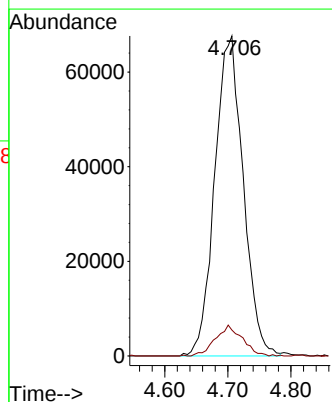
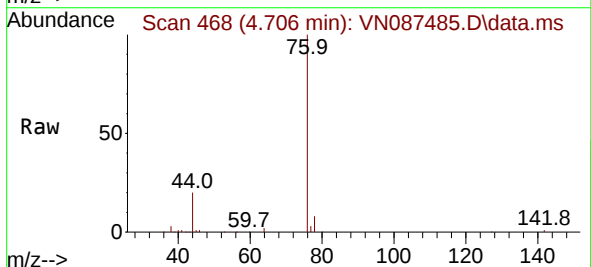
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

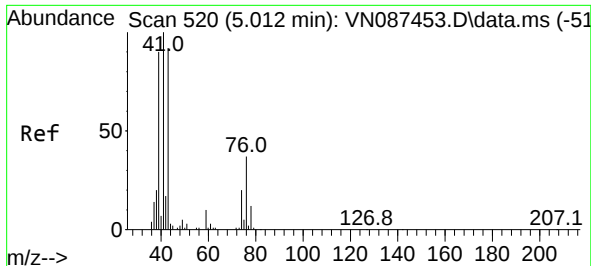
Tgt Ion: 58 Resp: 81356  
Ion Ratio Lower Upper  
58 100  
43 341.3 268.9 403.3



#16  
Carbon Disulfide  
Concen: 20.537 ug/l  
RT: 4.706 min Scan# 468  
Delta R.T. 0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 76 Resp: 211753  
Ion Ratio Lower Upper  
76 100  
78 8.1 7.1 10.7

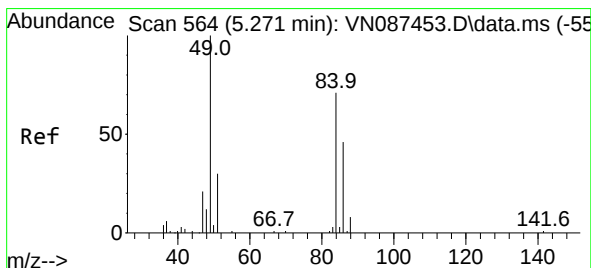
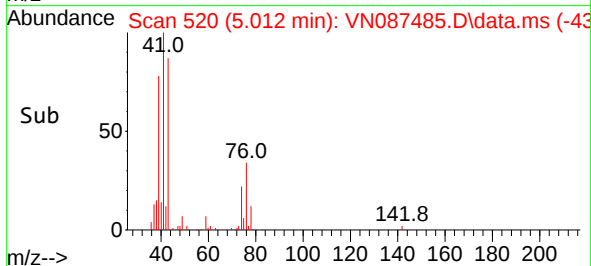
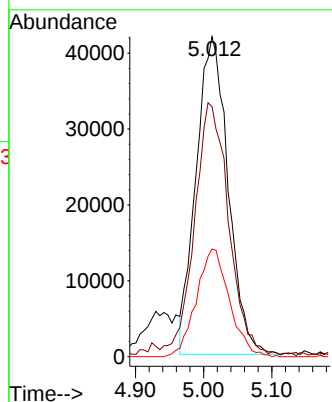
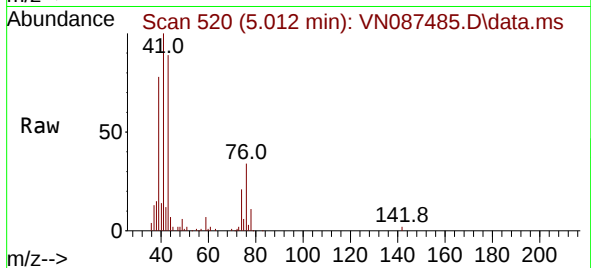




#17  
 Allyl chloride  
 Concen: 20.189 ug/l  
 RT: 5.012 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

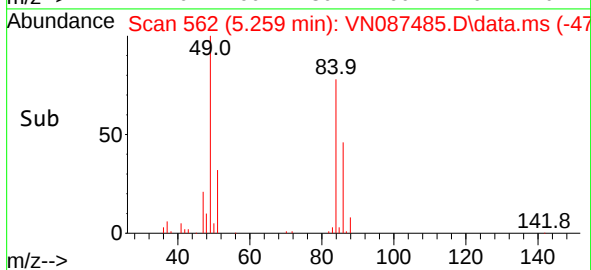
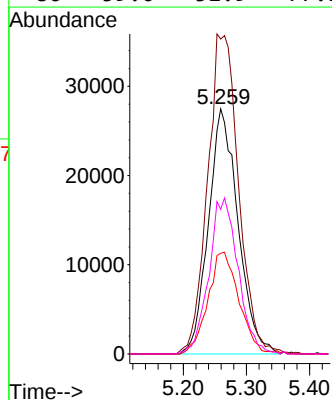
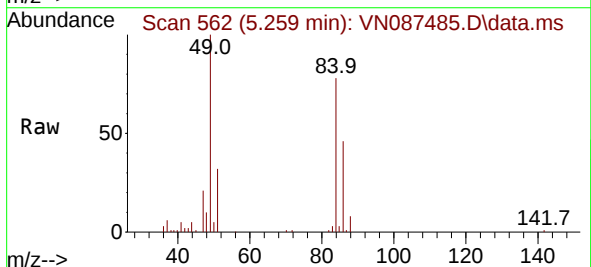
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0807WBSD01

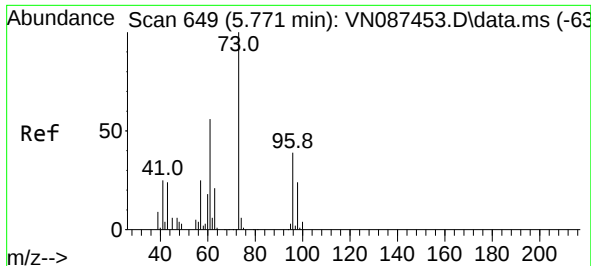
Tgt Ion: 41 Resp: 136783  
 Ion Ratio Lower Upper  
 41 100  
 39 78.2 42.4 127.2  
 76 33.9 16.9 50.6



#18  
 Methylene Chloride  
 Concen: 20.874 ug/l  
 RT: 5.259 min Scan# 562  
 Delta R.T. -0.012 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

Tgt Ion: 84 Resp: 89323  
 Ion Ratio Lower Upper  
 84 100  
 49 127.1 112.9 169.3  
 51 41.1 33.8 50.8  
 86 59.0 51.9 77.9

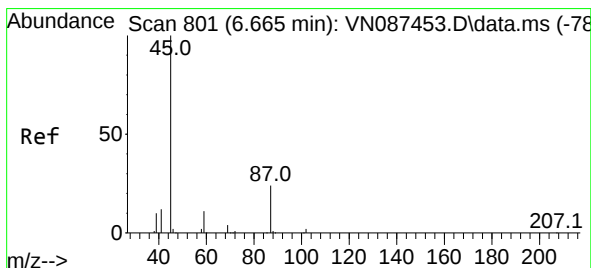
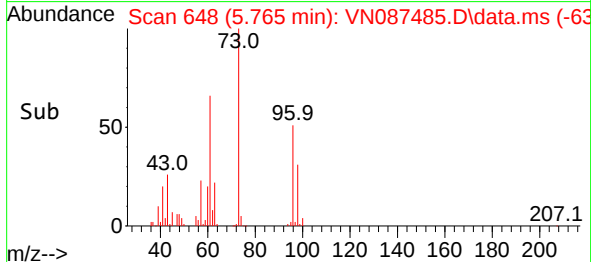
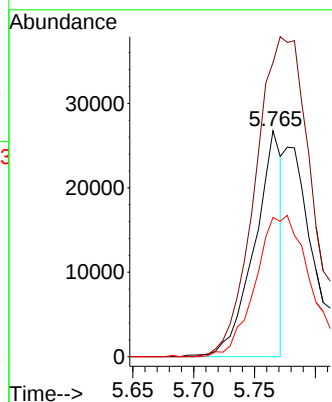
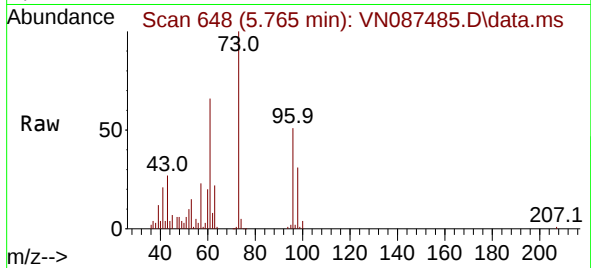




#19  
trans-1,2-Dichloroethene  
Concen: 10.472 ug/l  
RT: 5.765 min Scan# 649  
Delta R.T. -0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

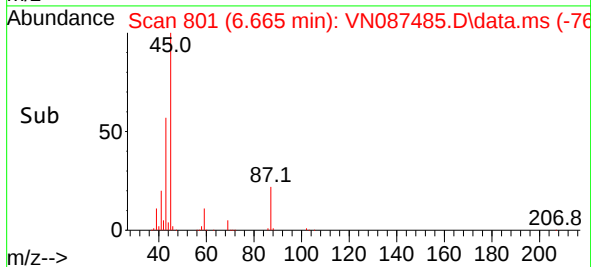
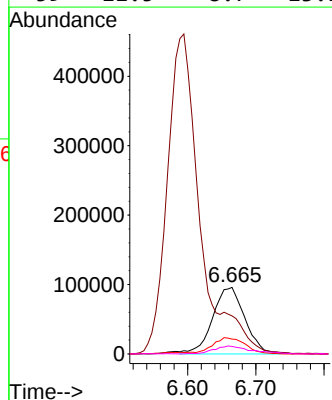
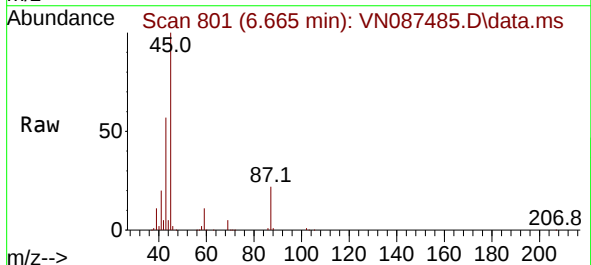
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

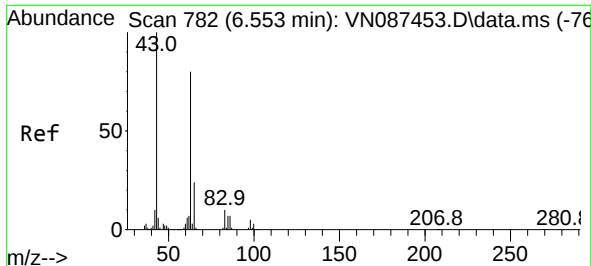
Tgt Ion: 96 Resp: 41394  
Ion Ratio Lower Upper  
96 100  
61 130.2 114.2 171.4  
98 61.6 48.7 73.1



#20  
Diisopropyl ether  
Concen: 20.416 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 45 Resp: 315107  
Ion Ratio Lower Upper  
45 100  
43 55.5 44.7 67.1  
87 22.2 20.2 30.2  
59 11.5 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.546 ug/l

RT: 6.553 min Scan# 782

Delta R.T. 0.000 min

Lab File: VN087485.D

Acq: 07 Aug 2025 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0807WBSD01

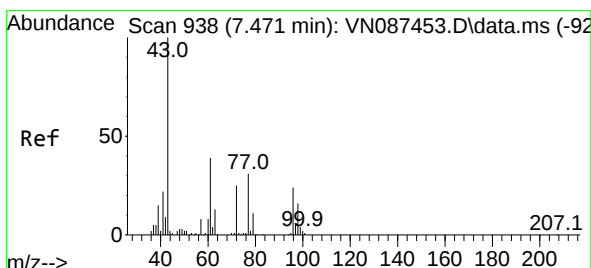
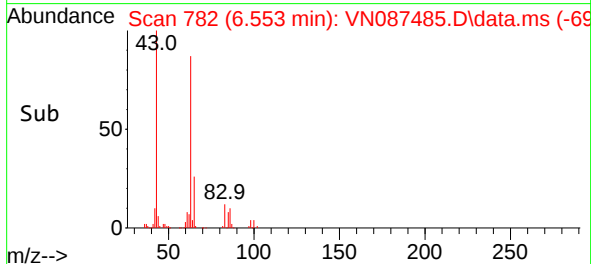
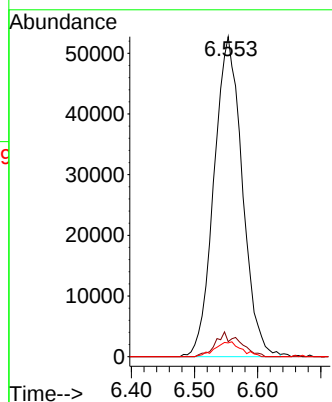
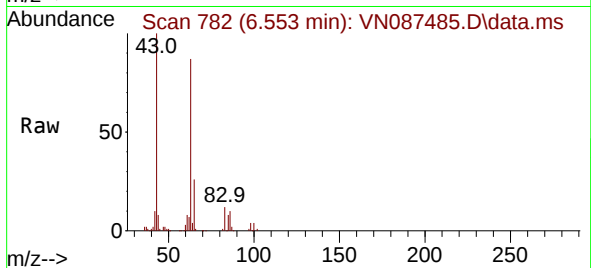
Tgt Ion: 63 Resp: 163918

Ion Ratio Lower Upper

63 100

98 4.7 3.0 9.0

100 4.3 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 20.421 ug/l

RT: 7.471 min Scan# 938

Delta R.T. 0.000 min

Lab File: VN087485.D

Acq: 07 Aug 2025 11:09

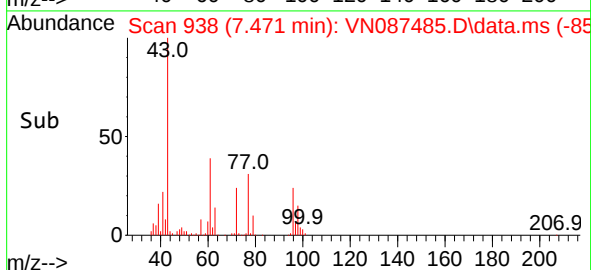
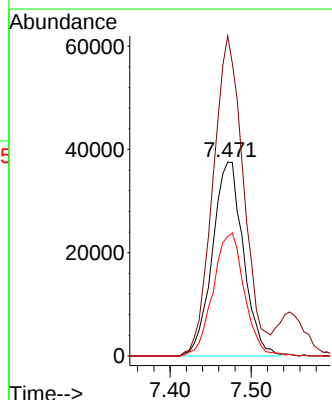
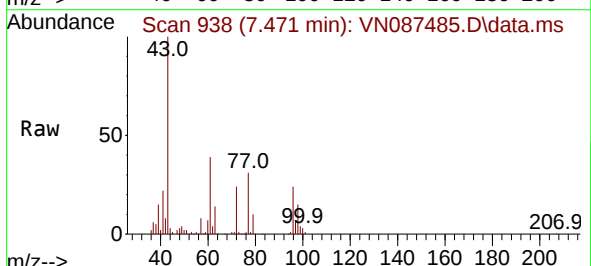
Tgt Ion: 96 Resp: 99320

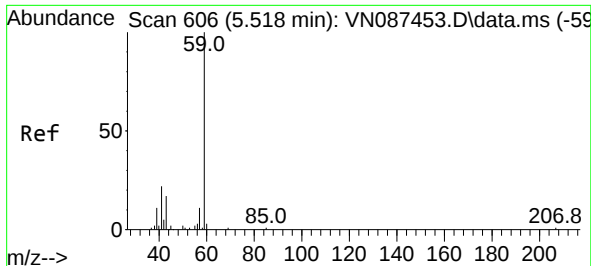
Ion Ratio Lower Upper

96 100

61 163.8 126.6 190.0

98 63.9 50.9 76.3

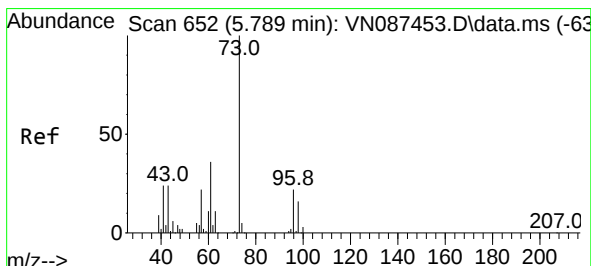
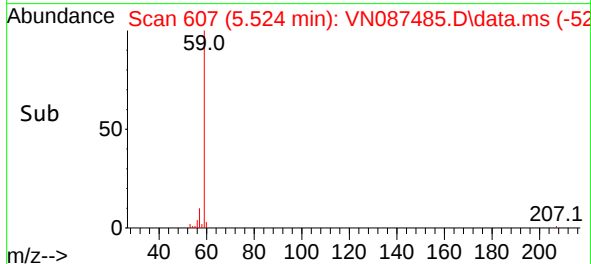
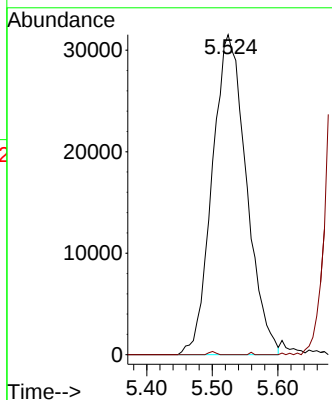
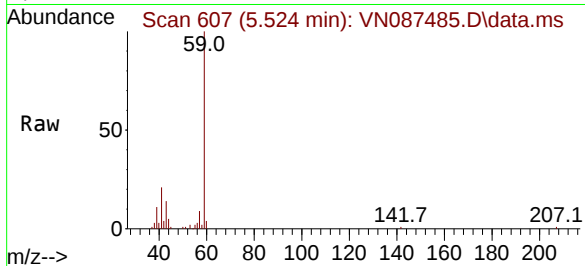




#23  
tert-Butyl Alcohol  
Concen: 100.336 ug/l  
RT: 5.524 min Scan# 606  
Delta R.T. 0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

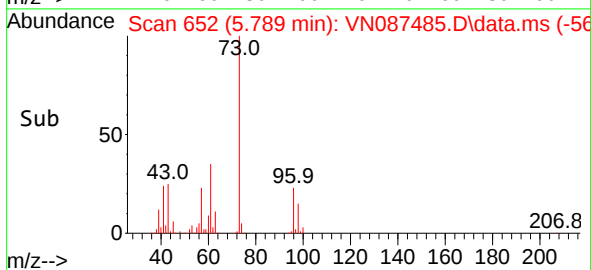
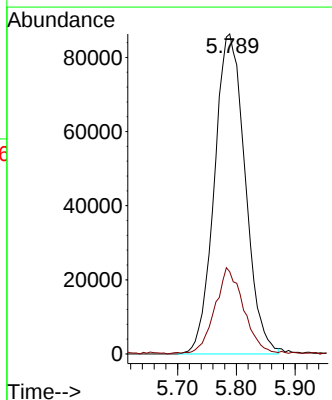
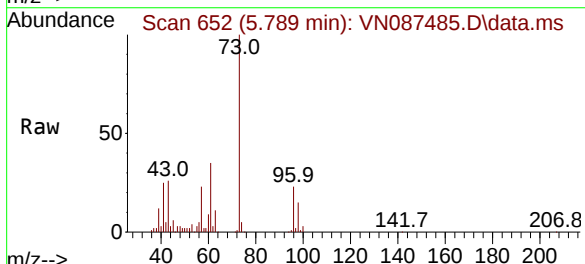
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

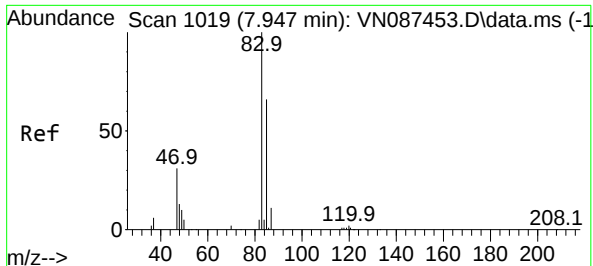
Tgt Ion: 59 Resp: 114200  
Ion Ratio Lower Upper  
59 100  
52 0.2 0.0 0.0#



#24  
Methyl tert-Butyl Ether  
Concen: 20.697 ug/l  
RT: 5.789 min Scan# 652  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 73 Resp: 313483  
Ion Ratio Lower Upper  
73 100  
43 24.6 19.9 29.9





#25

Chloroform

Concen: 21.165 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087485.D

Acq: 07 Aug 2025 11:09

Instrument :

MSVOA\_N

ClientSampleId :

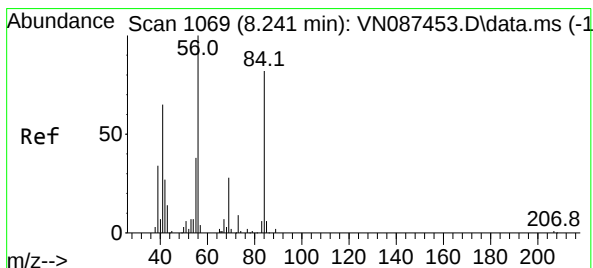
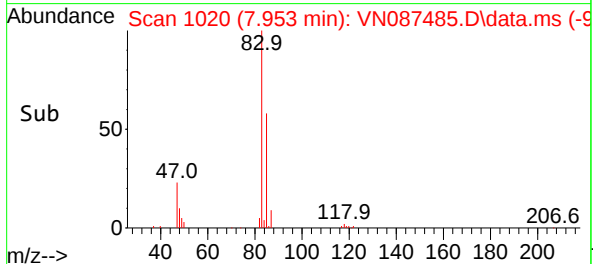
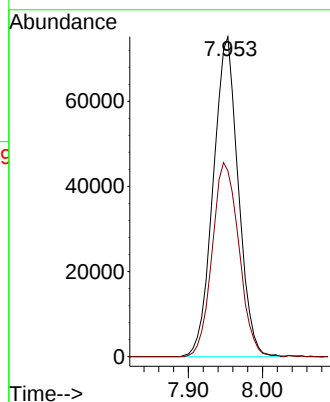
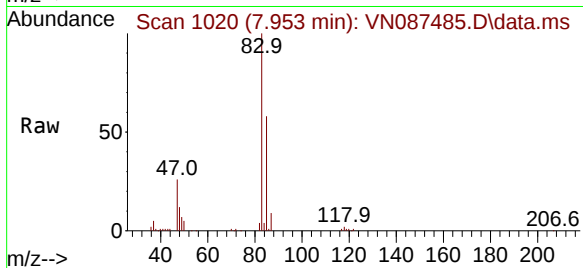
VN0807WBSD01

Tgt Ion: 83 Resp: 176256

Ion Ratio Lower Upper

83 100

85 58.1 52.6 78.8



#26

Cyclohexane

Concen: 21.670 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087485.D

Acq: 07 Aug 2025 11:09

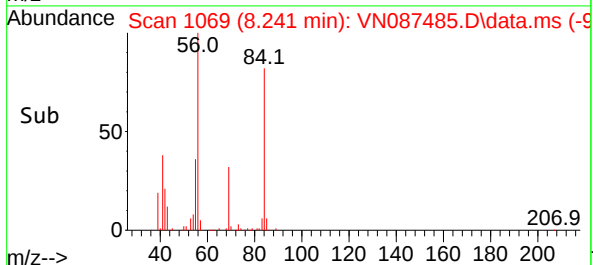
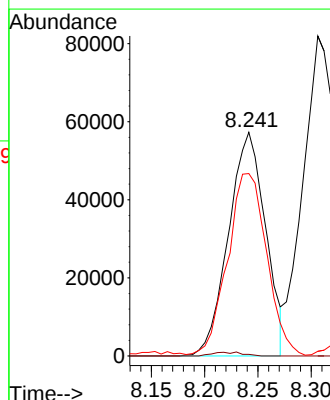
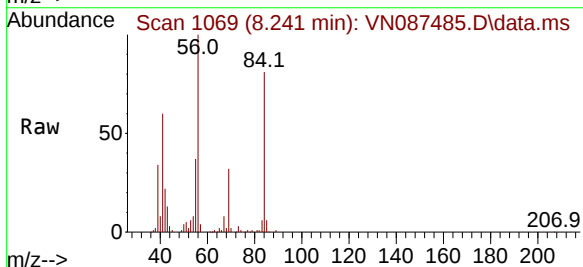
Tgt Ion: 56 Resp: 138422

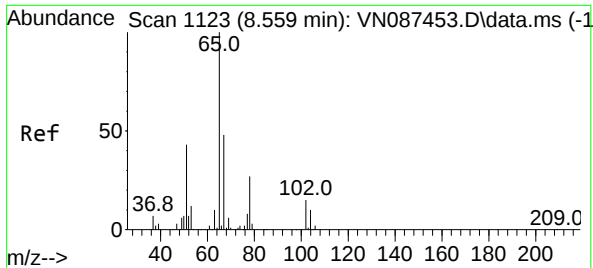
Ion Ratio Lower Upper

56 100

89 0.5 2.3 3.5#

84 86.7 67.0 100.4

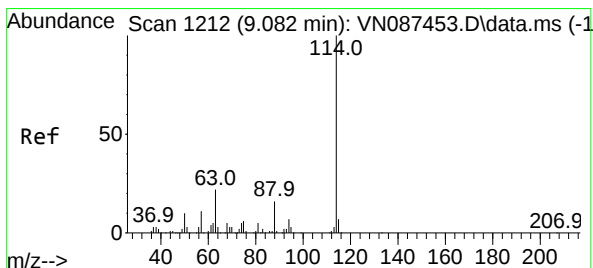
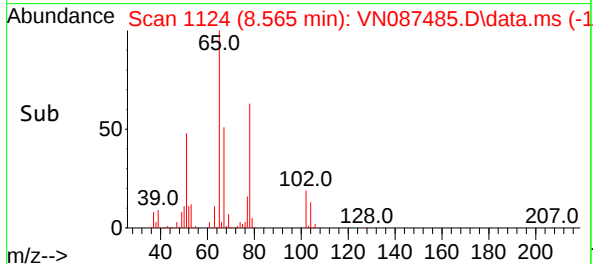
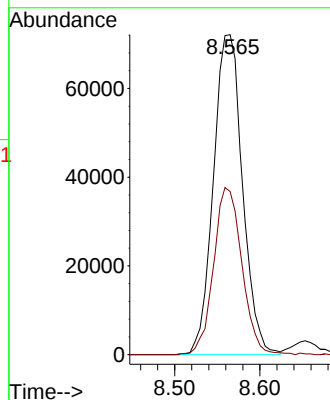
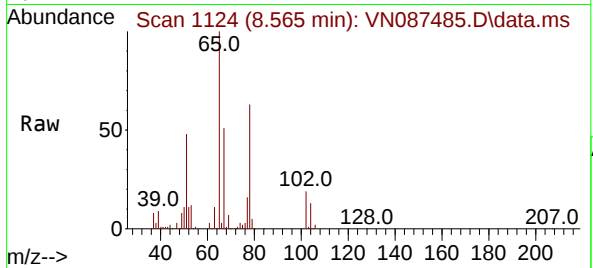




#27  
 1,2-Dichloroethane-d4  
 Concen: 30.557 ug/l  
 RT: 8.565 min Scan# 1124  
 Delta R.T. 0.006 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

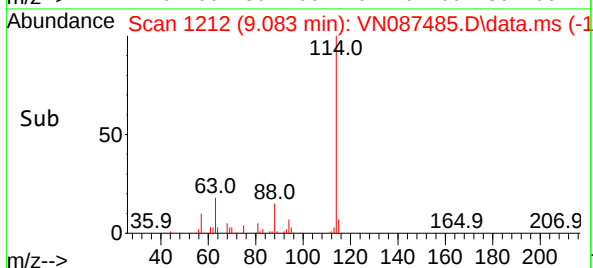
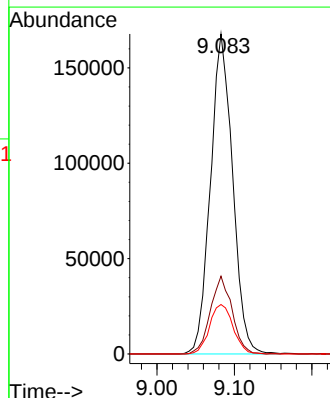
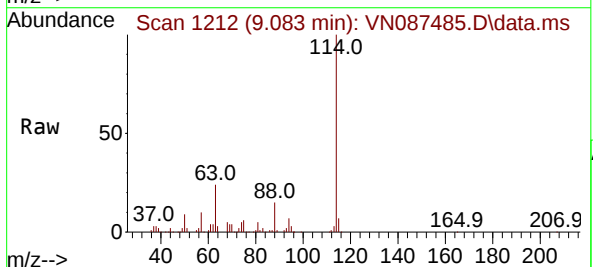
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0807WBSD01

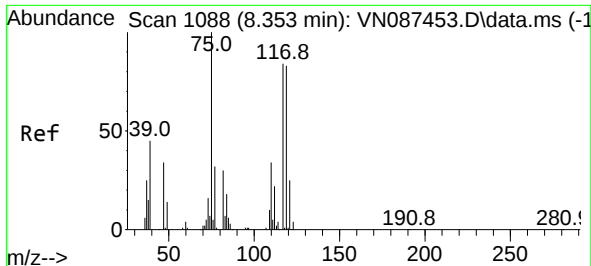
Tgt Ion: 65 Resp: 171051  
 Ion Ratio Lower Upper  
 65 100  
 67 50.7 40.8 61.2



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 9.083 min Scan# 1212  
 Delta R.T. 0.000 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

Tgt Ion: 114 Resp: 333291  
 Ion Ratio Lower Upper  
 114 100  
 63 23.7 18.9 28.3  
 88 16.4 13.1 19.7





#29

1,1-Dichloropropene

Concen: 21.490 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087485.D

Acq: 07 Aug 2025 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0807WBSD01

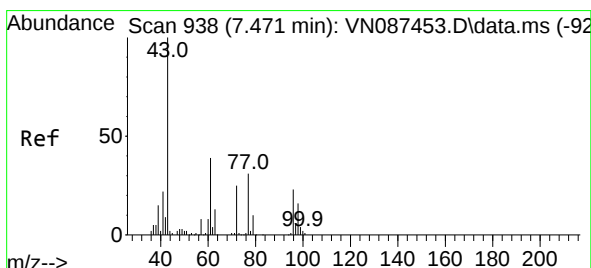
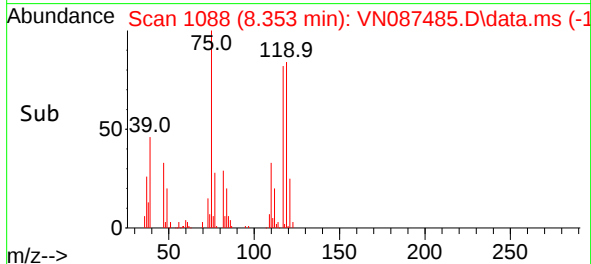
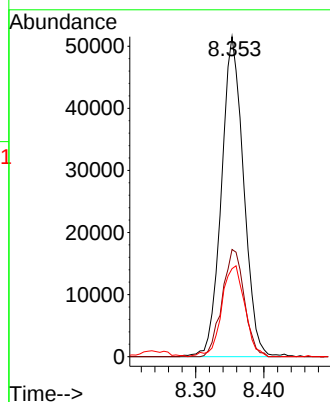
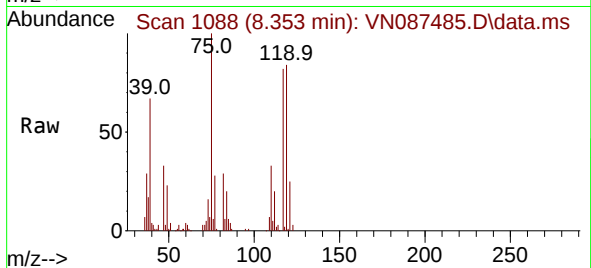
Tgt Ion: 75 Resp: 116818

Ion Ratio Lower Upper

75 100

110 33.4 0.0 65.8

77 29.0 0.0 63.6



#30

2-Butanone

Concen: 106.172 ug/l

RT: 7.471 min Scan# 938

Delta R.T. 0.000 min

Lab File: VN087485.D

Acq: 07 Aug 2025 11:09

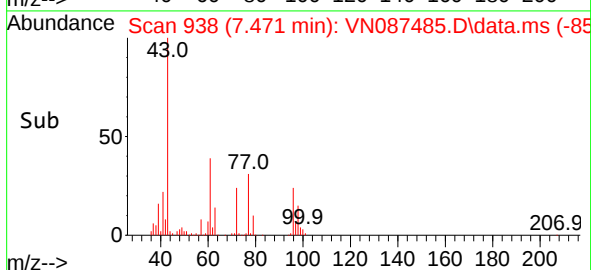
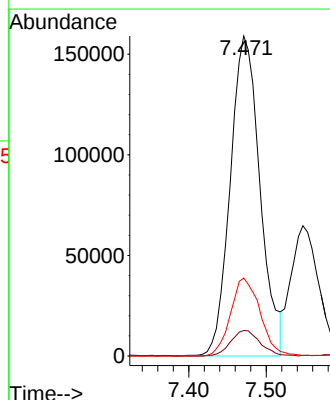
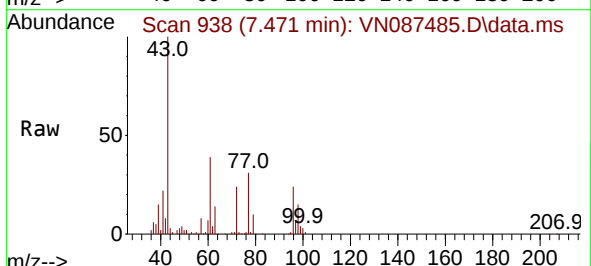
Tgt Ion: 43 Resp: 425427

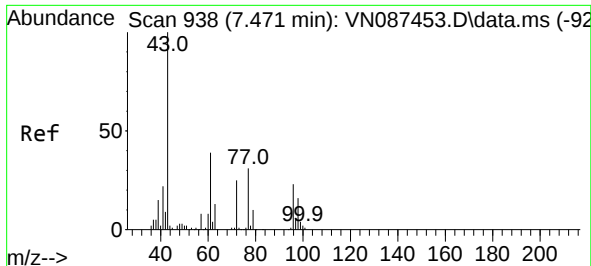
Ion Ratio Lower Upper

43 100

57 7.9 6.6 9.8

72 24.2 19.7 29.5

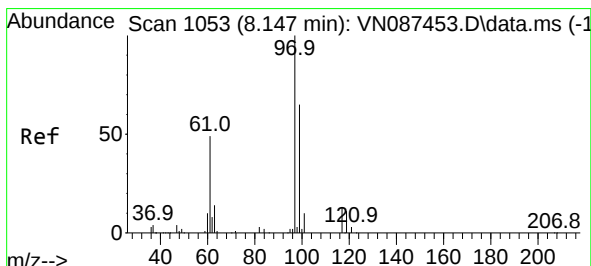
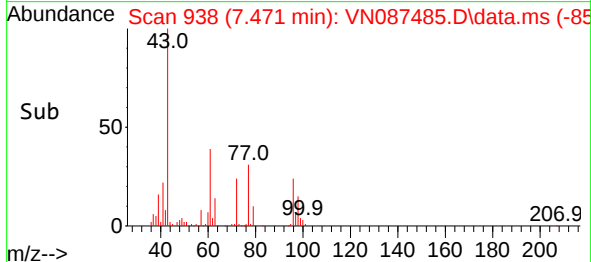
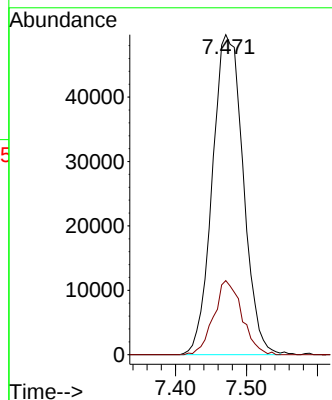
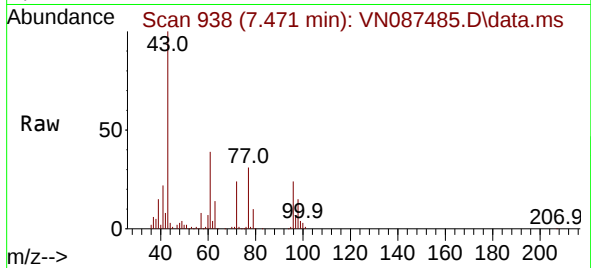




#31  
2,2-Dichloropropane  
Concen: 21.357 ug/l  
RT: 7.471 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

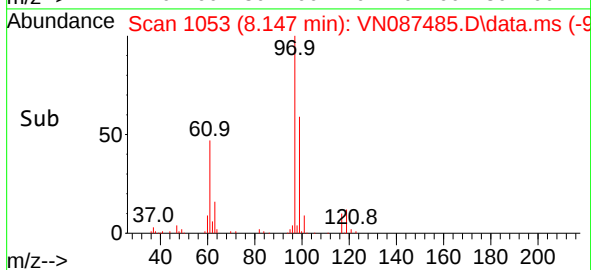
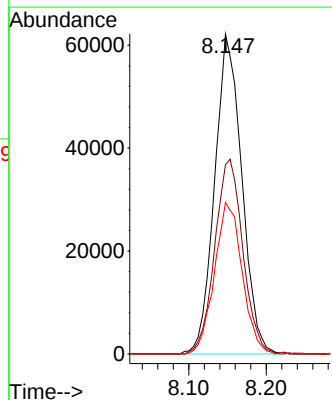
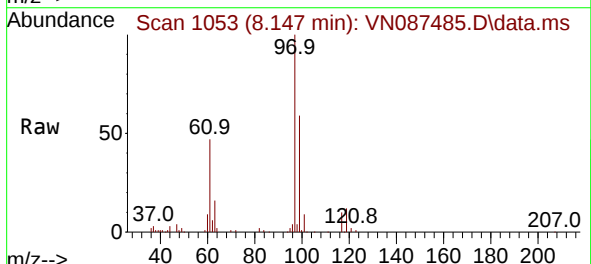
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

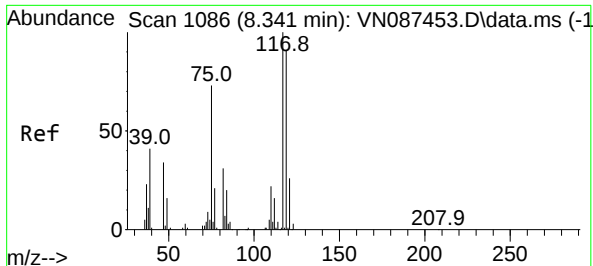
Tgt Ion: 77 Resp: 149737  
Ion Ratio Lower Upper  
77 100  
97 21.1 16.7 25.1



#32  
1,1,1-Trichloroethane  
Concen: 21.800 ug/l  
RT: 8.147 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 97 Resp: 151139  
Ion Ratio Lower Upper  
97 100  
99 63.0 53.0 79.6  
61 48.2 40.6 61.0

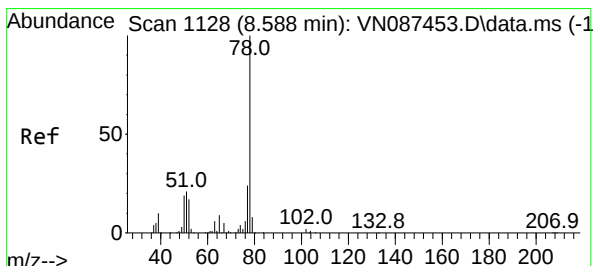
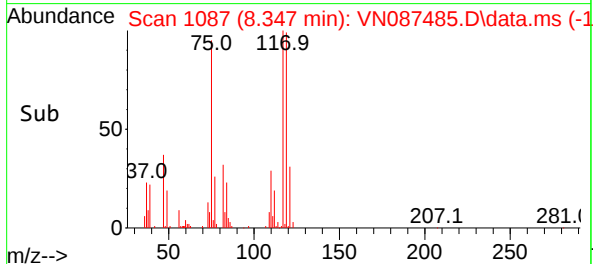
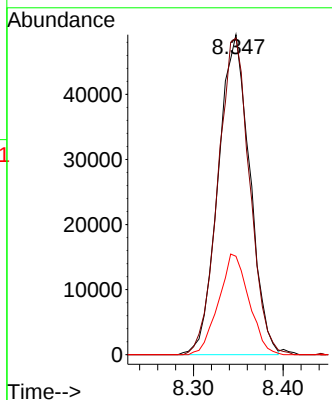
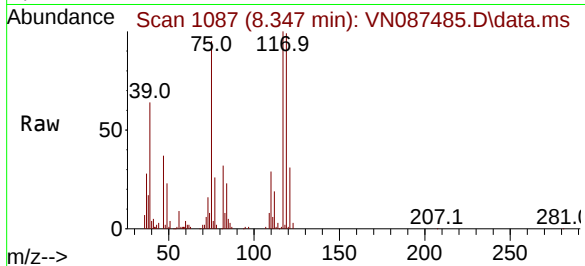




#33  
Carbon Tetrachloride  
Concen: 20.903 ug/l  
RT: 8.347 min Scan# 1107  
Delta R.T. 0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

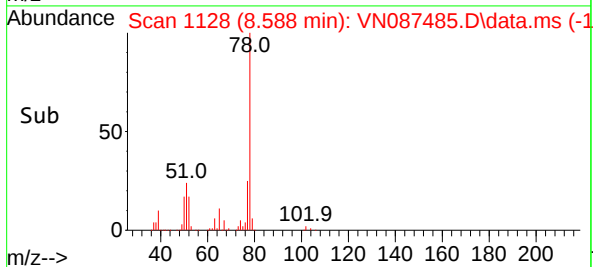
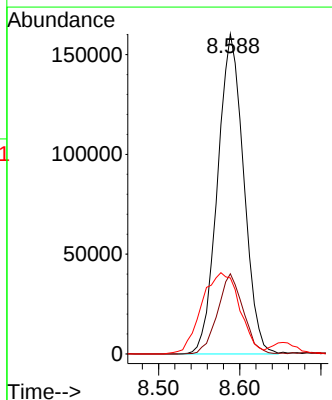
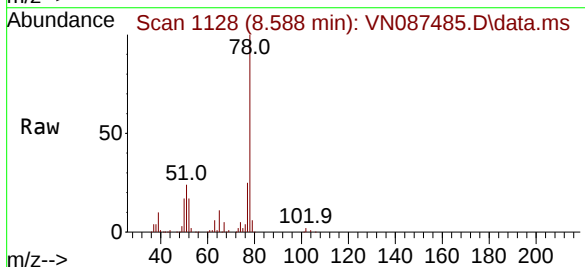
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

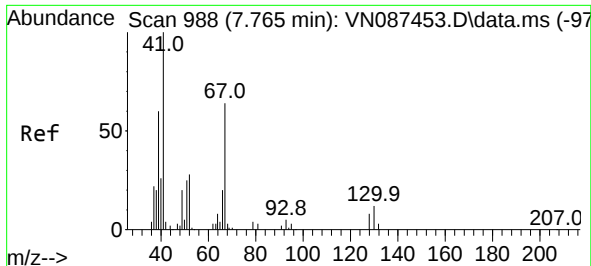
Tgt Ion:117 Resp: 120394  
Ion Ratio Lower Upper  
117 100  
119 99.0 73.4 110.0  
121 30.7 21.1 31.7



#34  
Benzene  
Concen: 20.866 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

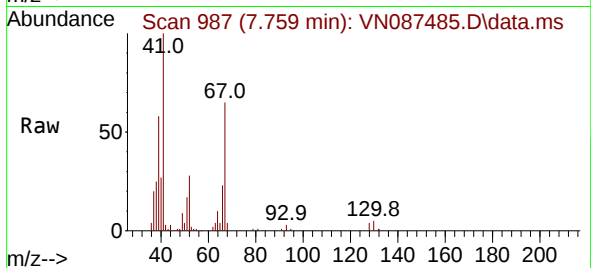
Tgt Ion: 78 Resp: 358063  
Ion Ratio Lower Upper  
78 100  
77 25.1 19.2 28.8  
51 23.0 16.9 25.3



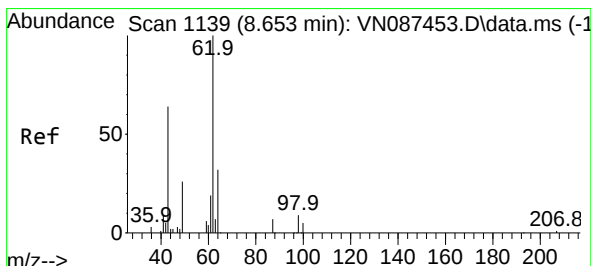
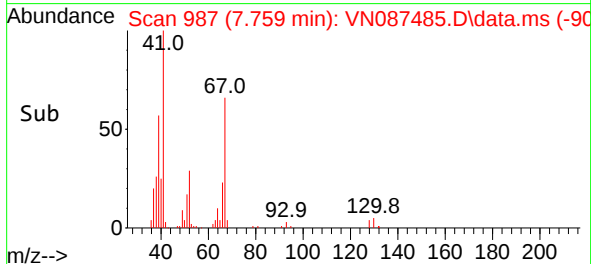
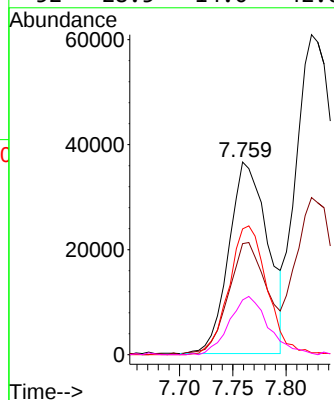


#35  
Methacrylonitrile  
Concen: 21.545 ug/l  
RT: 7.759 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

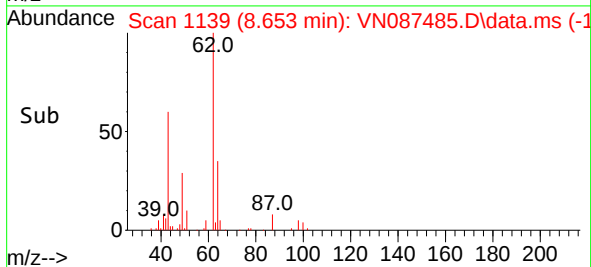
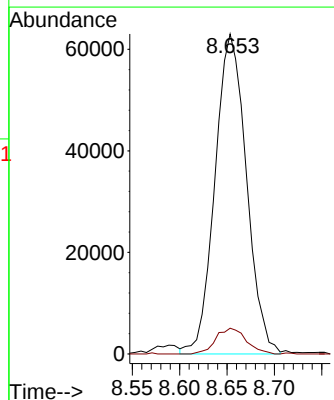
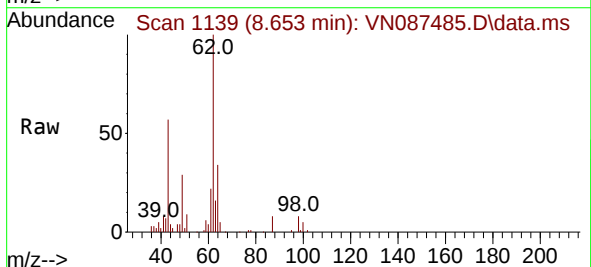


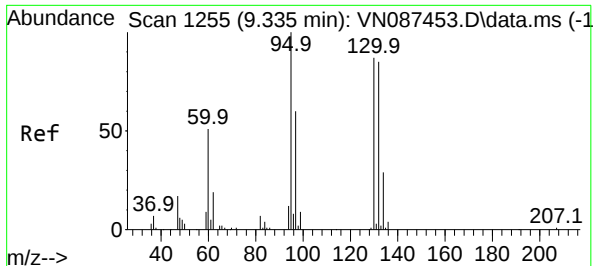
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 93160 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.9  | 30.1  | 90.5  |
| 67       | 65.6  | 32.0  | 96.2  |
| 52       | 28.5  | 14.0  | 42.0  |



#36  
1,2-Dichloroethane  
Concen: 20.983 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 145527 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.8   | 6.6   | 9.8    |

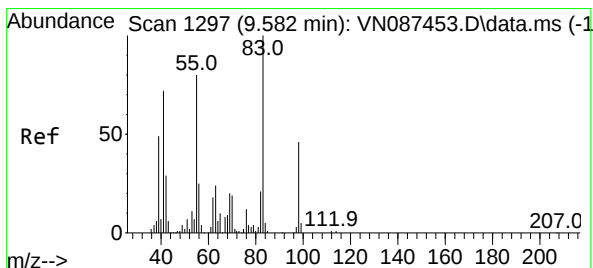
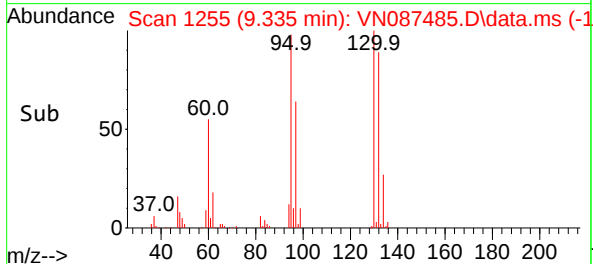
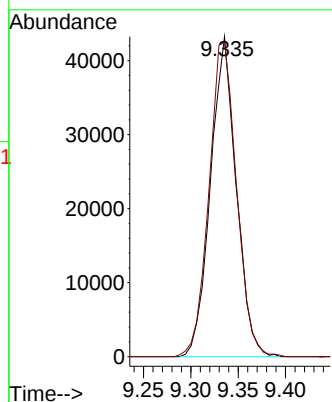
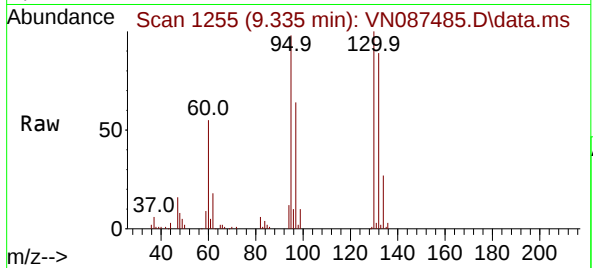




#37  
Trichloroethene  
Concen: 21.604 ug/l  
RT: 9.335 min Scan# 1255  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

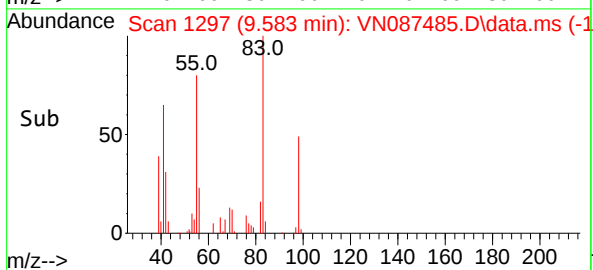
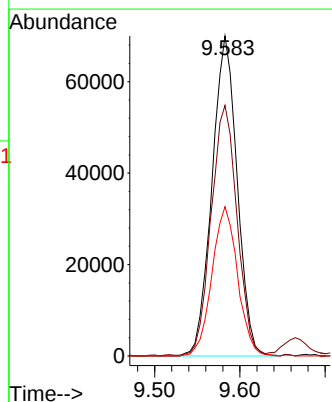
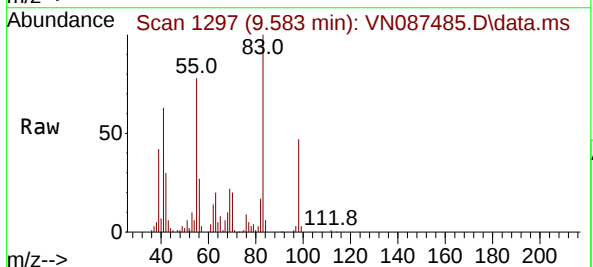
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

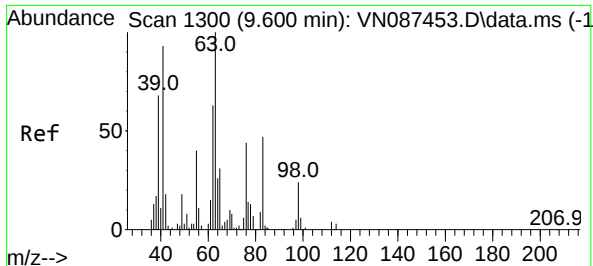
Tgt Ion:130 Resp: 81659  
Ion Ratio Lower Upper  
130 100  
95 97.8 91.4 137.2



#38  
Methylcyclohexane  
Concen: 22.734 ug/l  
RT: 9.583 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 83 Resp: 143366  
Ion Ratio Lower Upper  
83 100  
55 80.8 41.2 123.6  
98 47.5 23.3 69.9

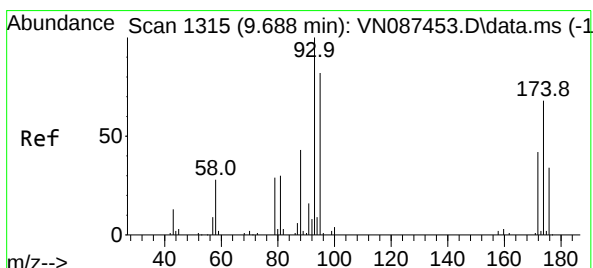
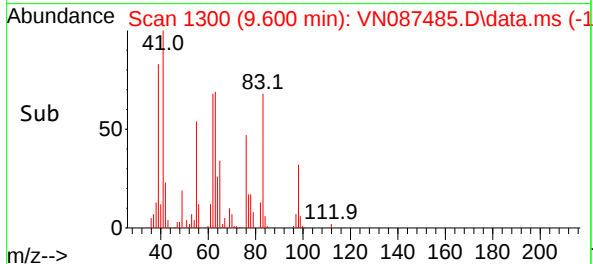
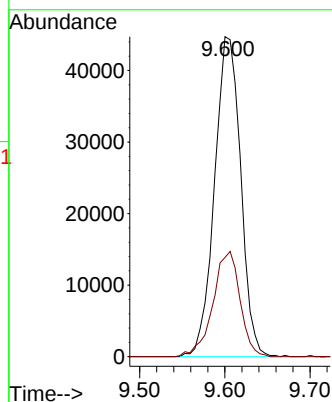
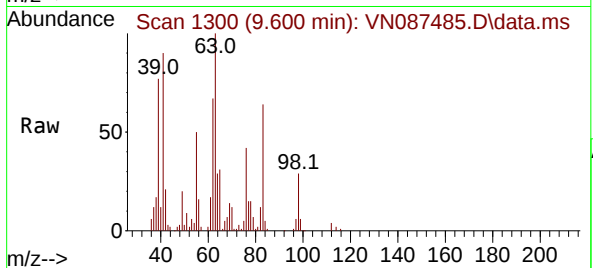




#39  
1,2-Dichloropropane  
Concen: 21.662 ug/l  
RT: 9.600 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

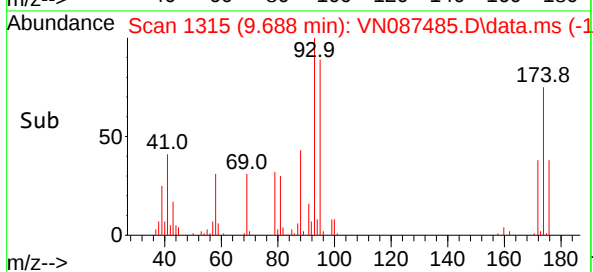
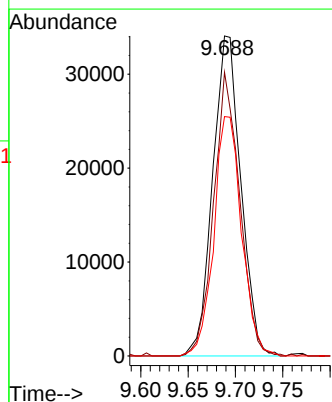
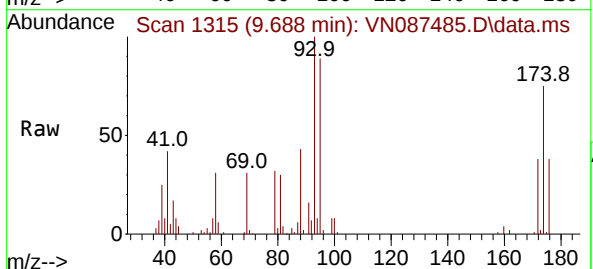
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

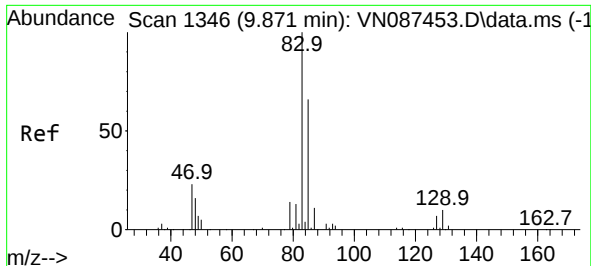
Tgt Ion: 63 Resp: 95303  
Ion Ratio Lower Upper  
63 100  
65 31.0 24.6 36.8



#40  
Dibromomethane  
Concen: 21.347 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 93 Resp: 70468  
Ion Ratio Lower Upper  
93 100  
95 82.1 0.0 161.6  
174 73.7 0.0 151.4

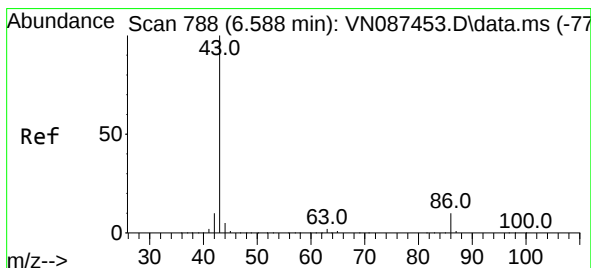
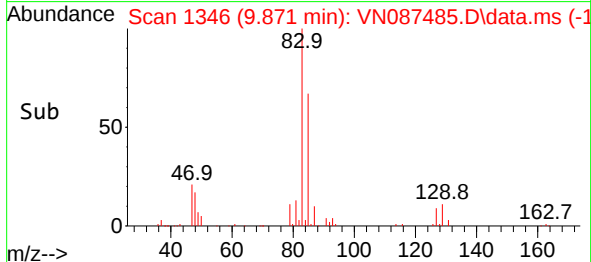
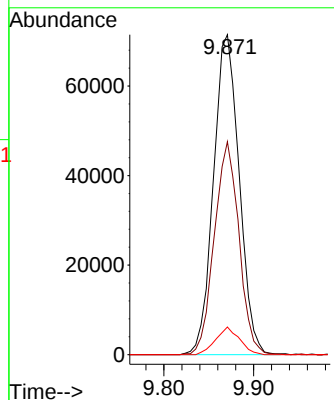
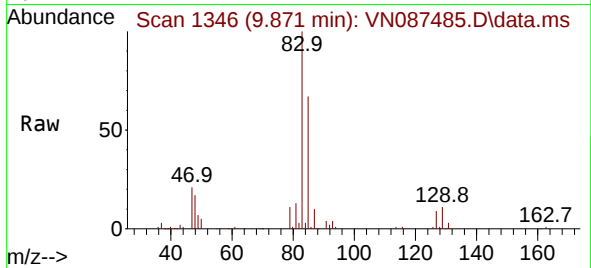




#41  
Bromodichloromethane  
Concen: 20.730 ug/l  
RT: 9.871 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

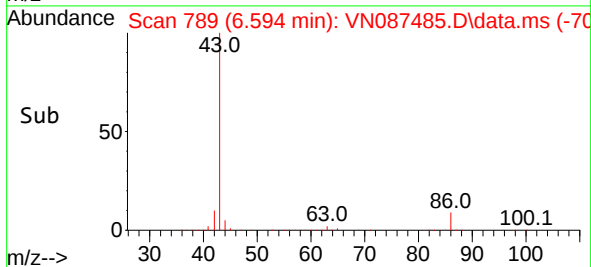
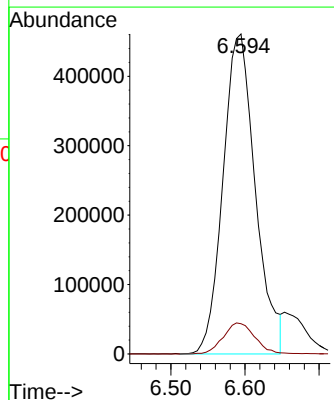
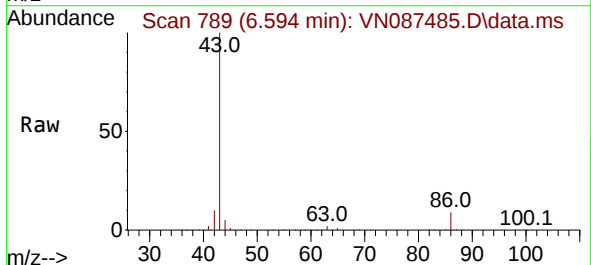
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

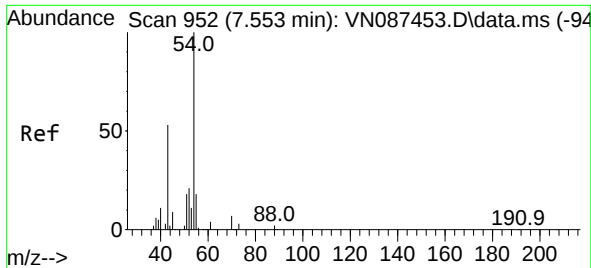
Tgt Ion: 83 Resp: 142197  
Ion Ratio Lower Upper  
83 100  
85 66.5 52.9 79.3  
127 8.7 5.8 8.6#



#42  
Vinyl Acetate  
Concen: 105.972 ug/l  
RT: 6.594 min Scan# 789  
Delta R.T. 0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 43 Resp: 1398376  
Ion Ratio Lower Upper  
43 100  
86 9.5 7.3 10.9

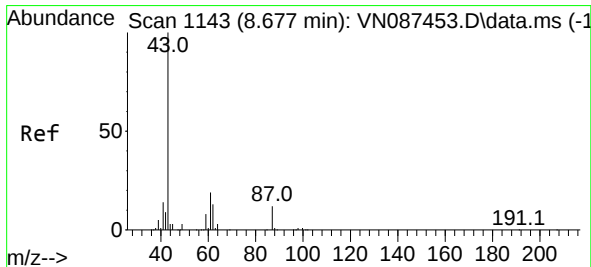
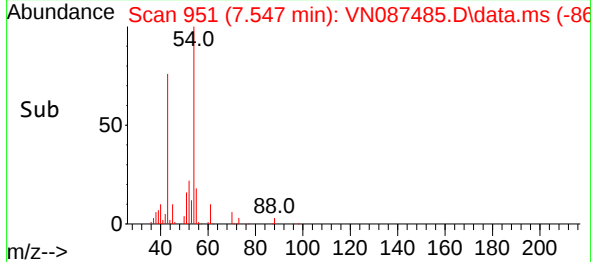
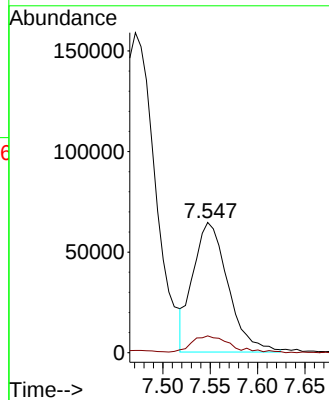
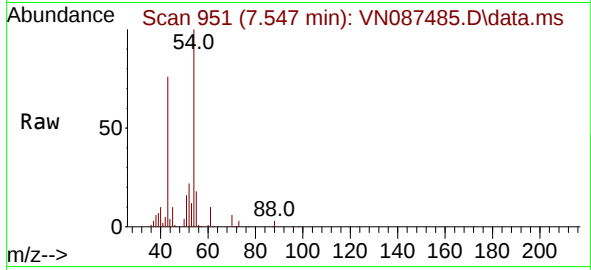




#43  
Ethyl Acetate  
Concen: 21.426 ug/l  
RT: 7.547 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

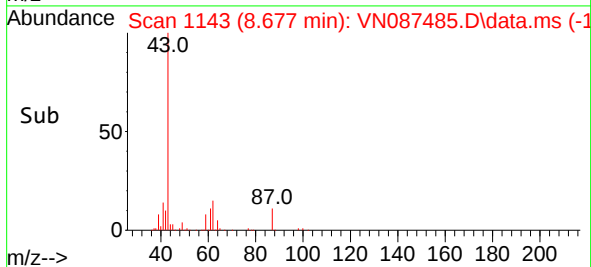
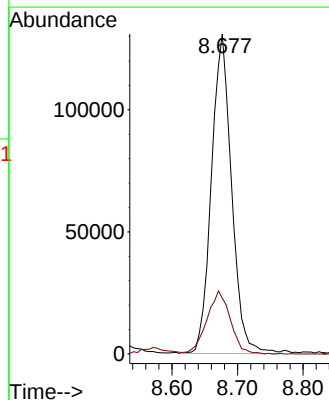
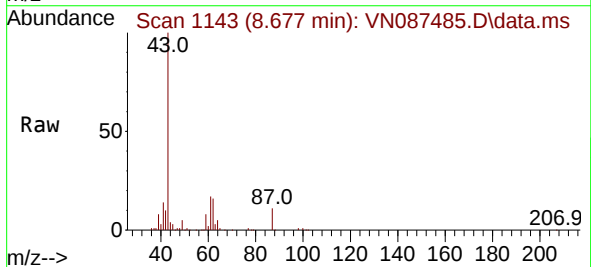
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

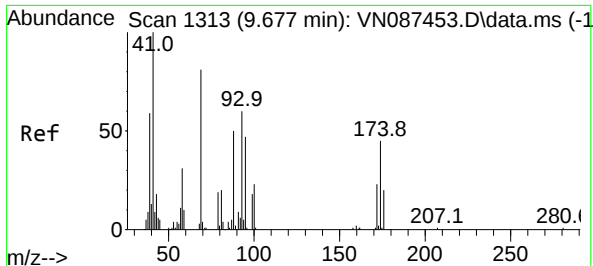
Tgt Ion: 43 Resp: 165860  
Ion Ratio Lower Upper  
43 100  
45 12.1 11.1 16.7



#44  
Isopropyl Acetate  
Concen: 21.255 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 43 Resp: 278907  
Ion Ratio Lower Upper  
43 100  
61 23.0 18.6 28.0





#45

1,4-Dioxane

Concen: 438.751 ug/l

RT: 9.683 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087485.D

Acq: 07 Aug 2025 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0807WBSD01

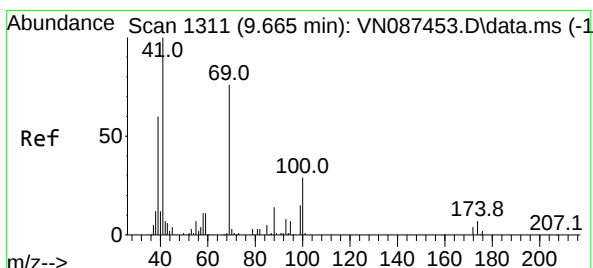
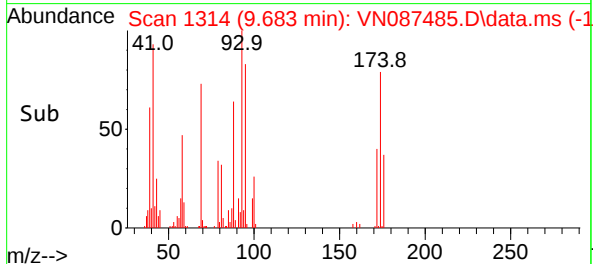
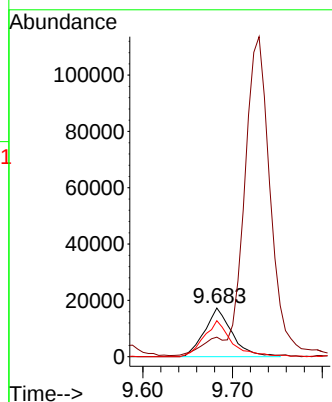
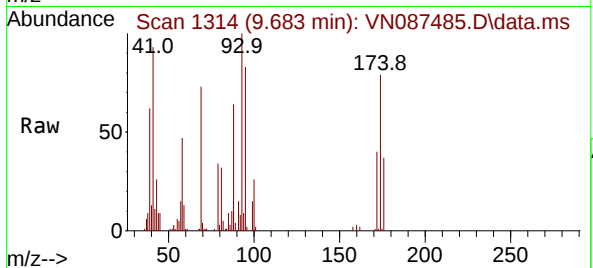
Tgt Ion: 88 Resp: 36702

Ion Ratio Lower Upper

88 100

43 29.3 24.1 36.1

58 73.4 57.2 85.8



#46

Methyl methacrylate

Concen: 20.933 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087485.D

Acq: 07 Aug 2025 11:09

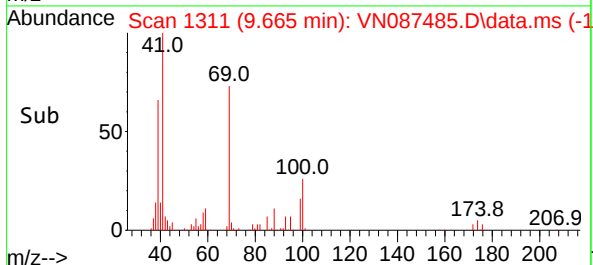
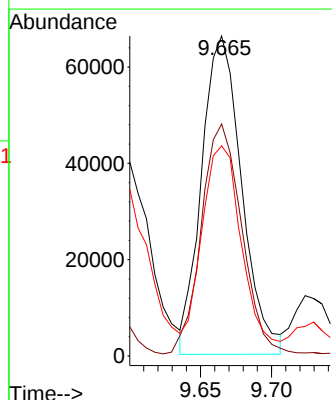
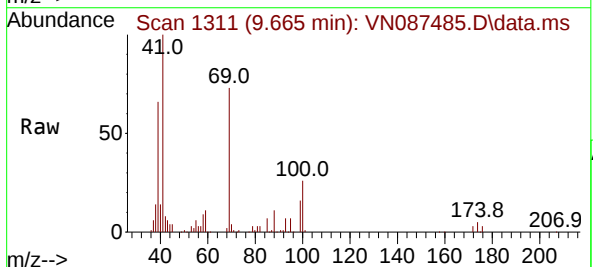
Tgt Ion: 41 Resp: 129656

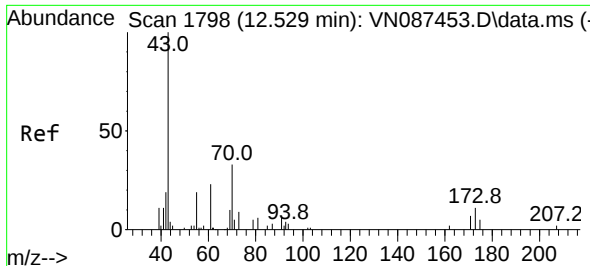
Ion Ratio Lower Upper

41 100

69 75.1 37.1 111.5

39 65.5 30.7 92.1

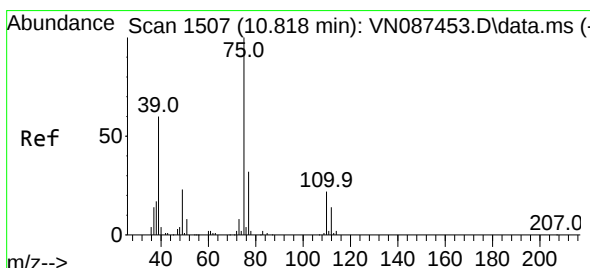
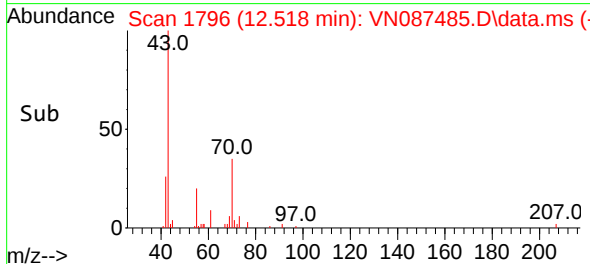
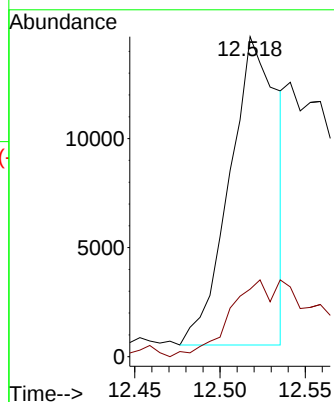
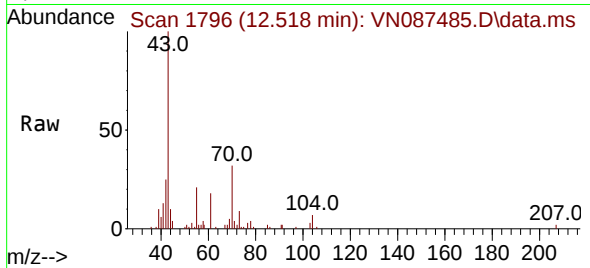




#47  
n-amy1 Acetate  
Concen: 3.805 ug/l  
RT: 12.518 min Scan# 1796  
Delta R.T. -0.012 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

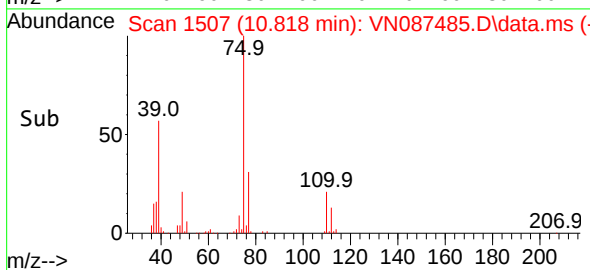
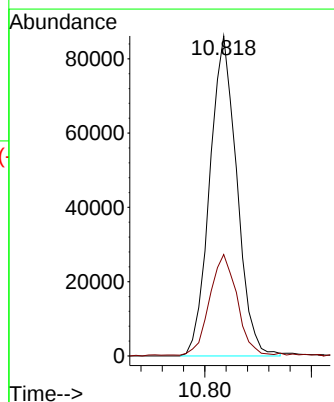
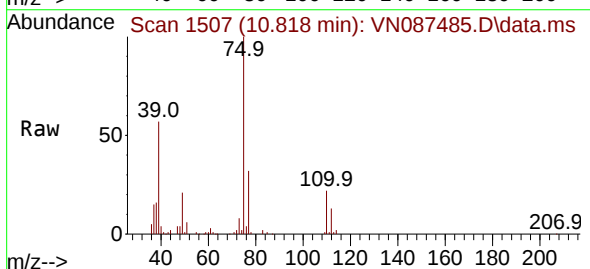
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

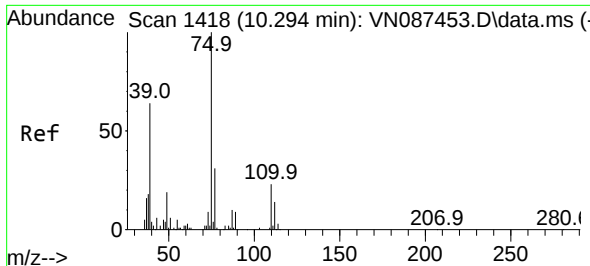
Tgt Ion: 43 Resp: 27585  
Ion Ratio Lower Upper  
43 100  
55 21.3 4.6 6.8#



#48  
t-1,3-Dichloropropene  
Concen: 20.372 ug/l  
RT: 10.818 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 75 Resp: 152028  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.3 37.9

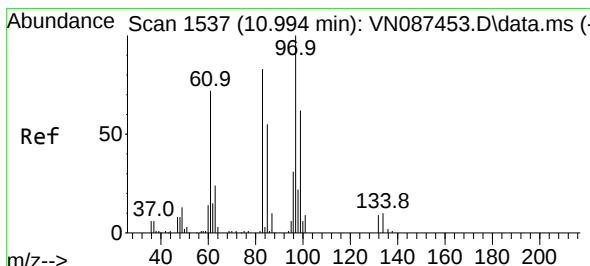
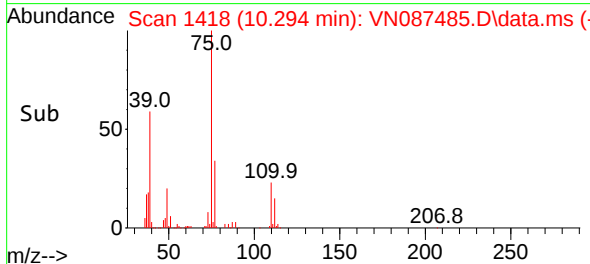
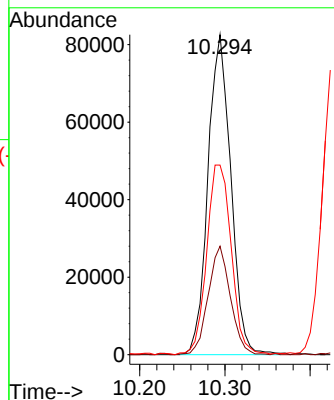
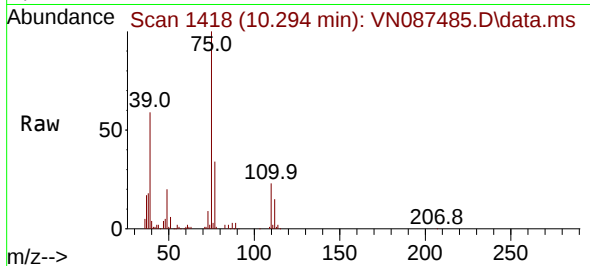




#49  
 cis-1,3-Dichloropropene  
 Concen: 20.500 ug/l  
 RT: 10.294 min Scan# 1418  
 Delta R.T. 0.000 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

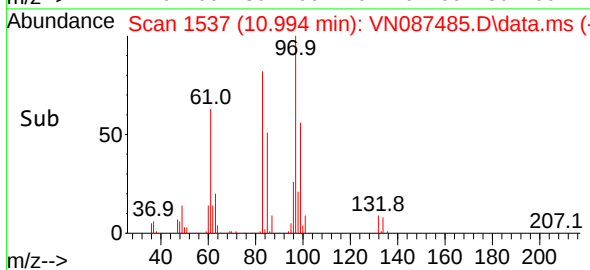
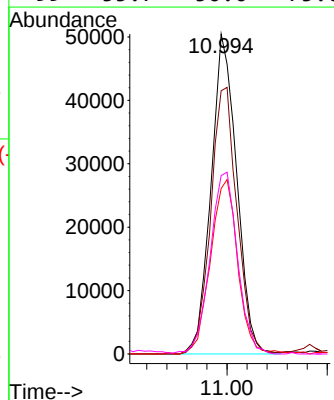
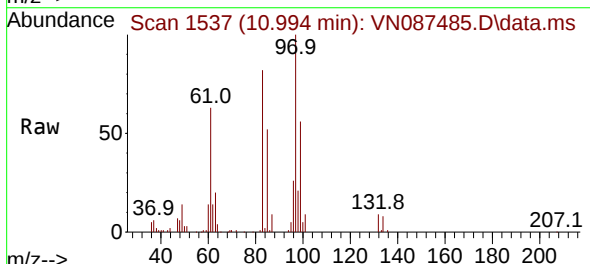
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0807WBSD01

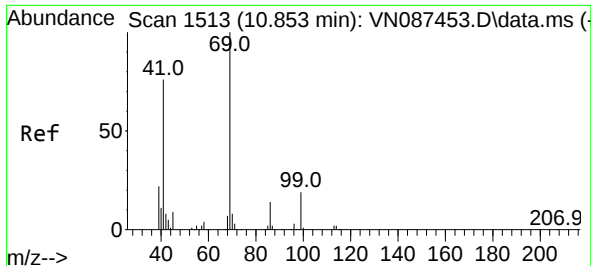
Tgt Ion: 75 Resp: 153959  
 Ion Ratio Lower Upper  
 75 100  
 77 33.9 24.6 36.8  
 39 58.9 51.5 77.3



#50  
 1,1,2-Trichloroethane  
 Concen: 21.499 ug/l  
 RT: 10.994 min Scan# 1537  
 Delta R.T. 0.000 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

Tgt Ion: 97 Resp: 89666  
 Ion Ratio Lower Upper  
 97 100  
 83 82.2 66.2 99.2  
 85 51.7 43.9 65.9  
 99 55.7 50.0 75.0

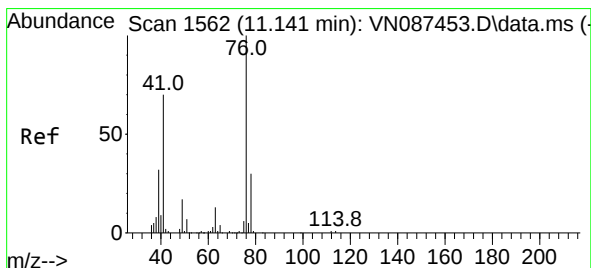
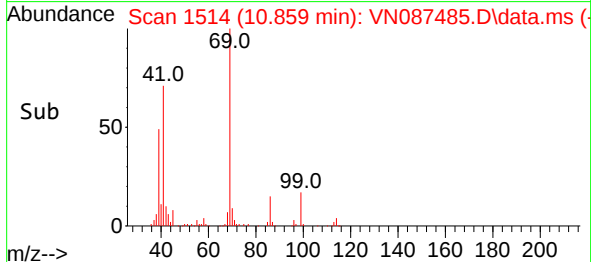
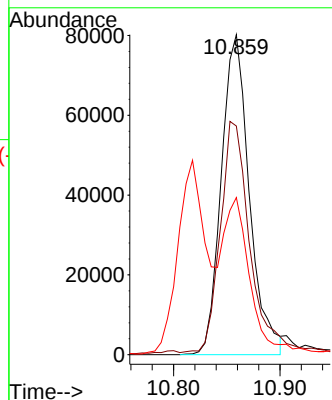
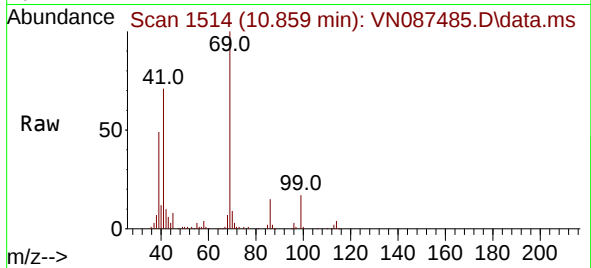




#51  
Ethyl methacrylate  
Concen: 19.972 ug/l  
RT: 10.859 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

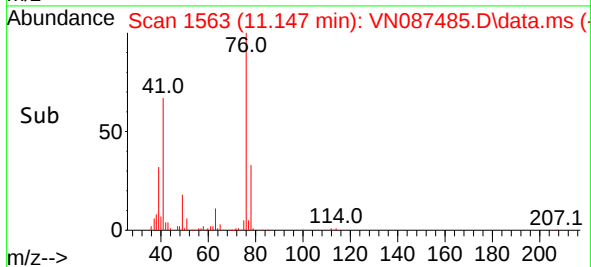
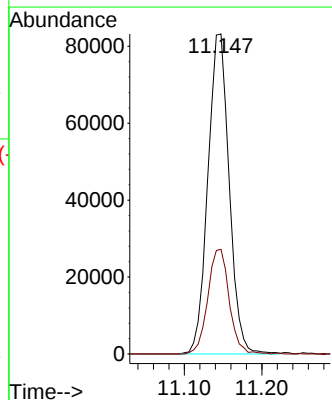
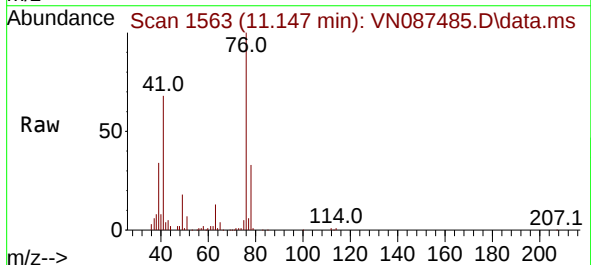
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

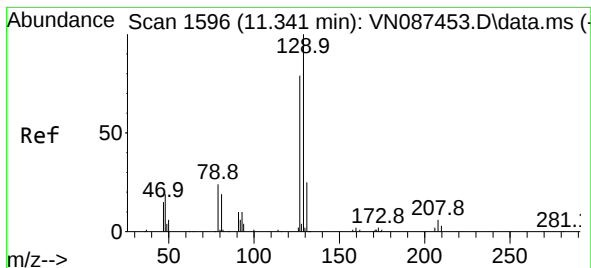
Tgt Ion: 69 Resp: 146701  
Ion Ratio Lower Upper  
69 100  
41 70.8 38.0 114.1  
39 46.0 23.2 69.5



#52  
1,3-Dichloropropane  
Concen: 21.157 ug/l  
RT: 11.147 min Scan# 1563  
Delta R.T. 0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 76 Resp: 158971  
Ion Ratio Lower Upper  
76 100  
78 32.4 0.0 63.0

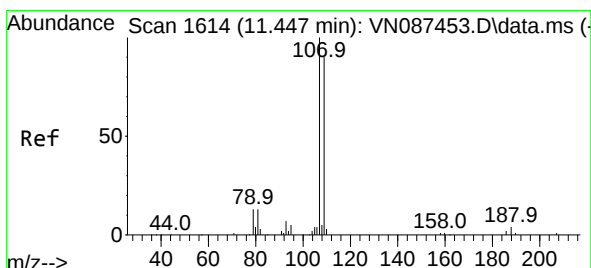
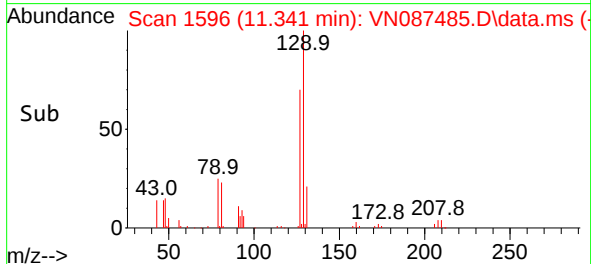
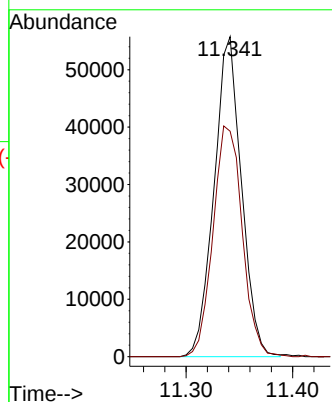
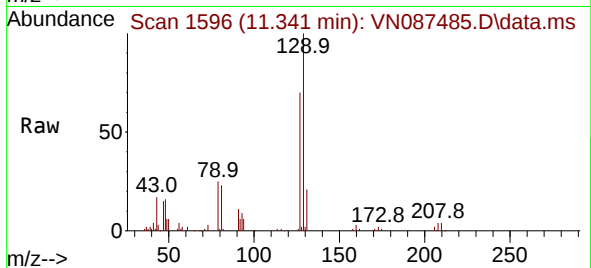




#53  
Dibromochloromethane  
Concen: 20.670 ug/l  
RT: 11.341 min Scan# 1596  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

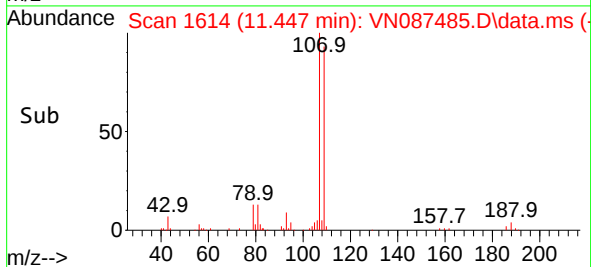
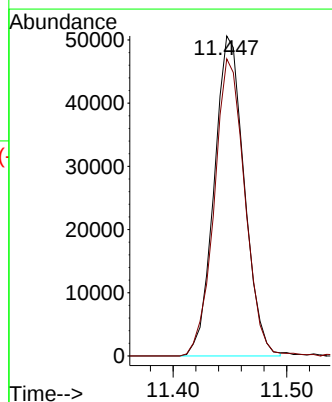
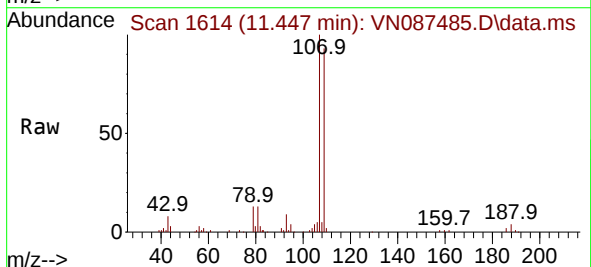
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

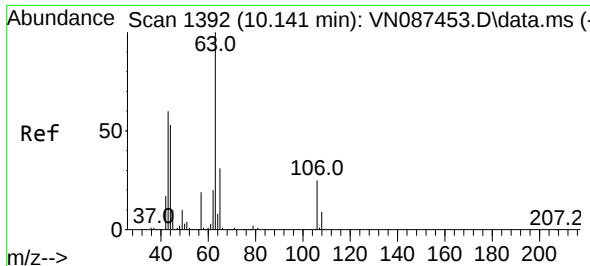
Tgt Ion:129 Resp: 99557  
Ion Ratio Lower Upper  
129 100  
127 76.8 39.1 117.3



#54  
1,2-Dibromoethane  
Concen: 21.058 ug/l  
RT: 11.447 min Scan# 1614  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion:107 Resp: 93232  
Ion Ratio Lower Upper  
107 100  
109 94.2 74.2 111.4

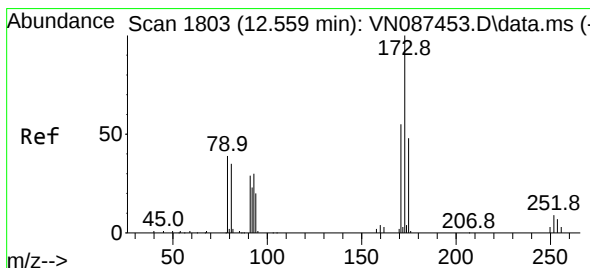
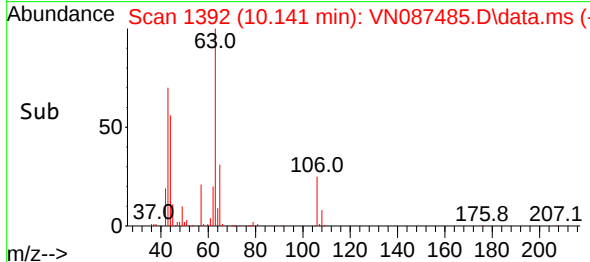
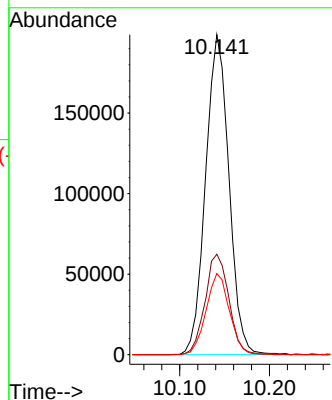
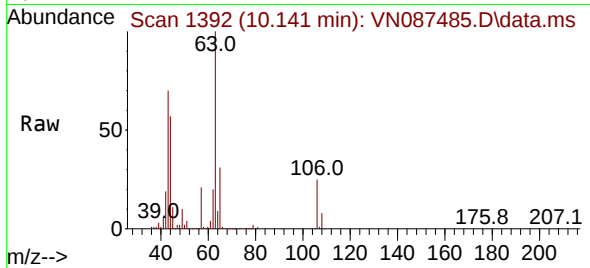




#55  
2-Chloroethyl vinyl ether  
Concen: 92.626 ug/l  
RT: 10.141 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

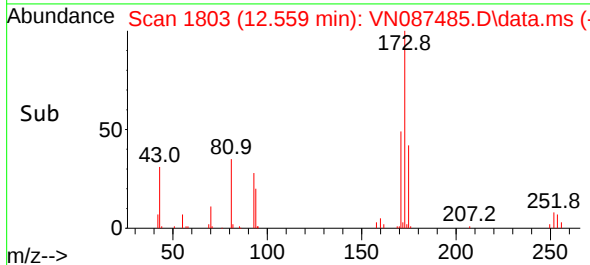
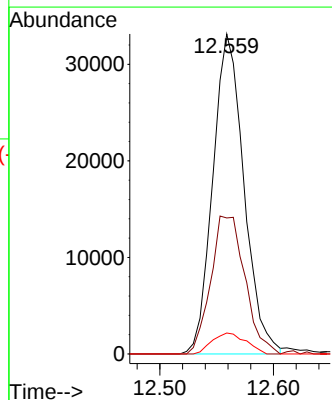
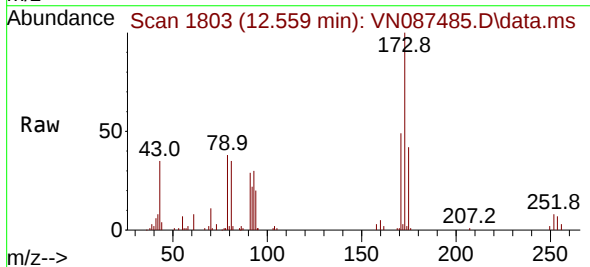
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

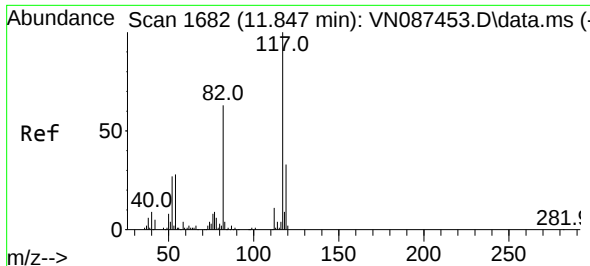
Tgt Ion: 63 Resp: 358165  
Ion Ratio Lower Upper  
63 100  
65 32.1 25.7 38.5  
106 25.5 20.7 31.1



#56  
Bromoform  
Concen: 19.776 ug/l  
RT: 12.559 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 173 Resp: 63002  
Ion Ratio Lower Upper  
173 100  
175 47.3 38.8 58.2  
254 7.1 3.9 5.9#

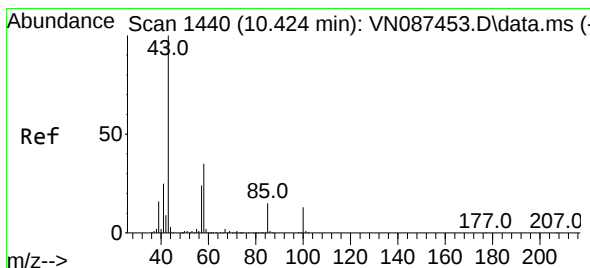
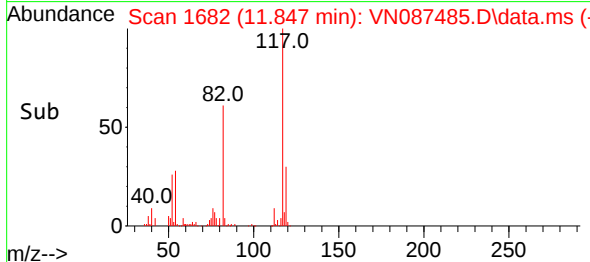
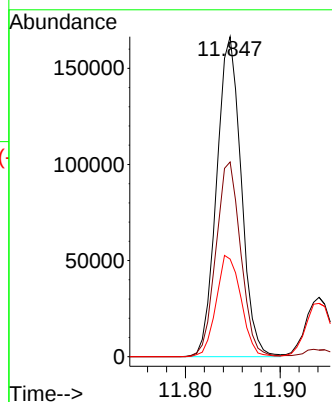
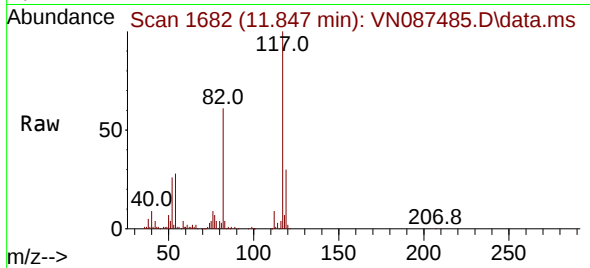




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.847 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

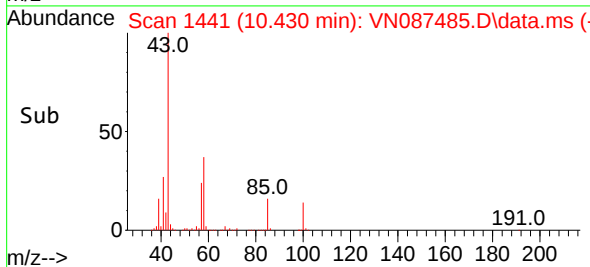
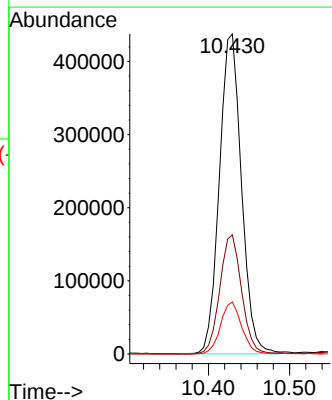
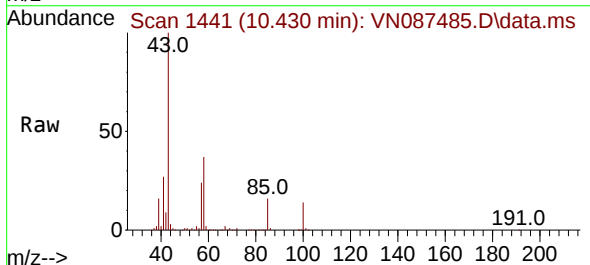
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

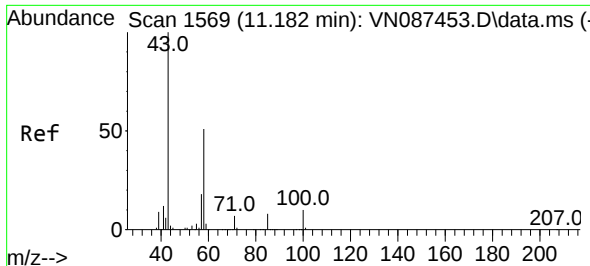
Tgt Ion:117 Resp: 299942  
Ion Ratio Lower Upper  
117 100  
82 61.6 49.2 73.8  
119 32.0 25.7 38.5



#58  
4-Methyl-2-Pentanone  
Concen: 107.184 ug/l  
RT: 10.430 min Scan# 1441  
Delta R.T. 0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 43 Resp: 827022  
Ion Ratio Lower Upper  
43 100  
58 36.7 29.0 43.6  
85 15.6 12.7 19.1

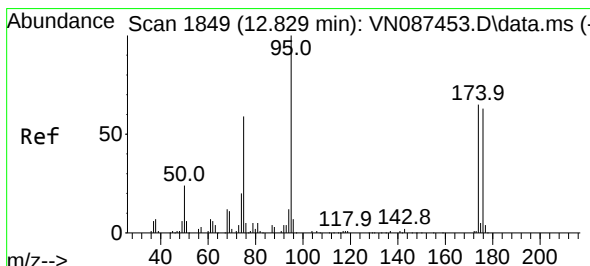
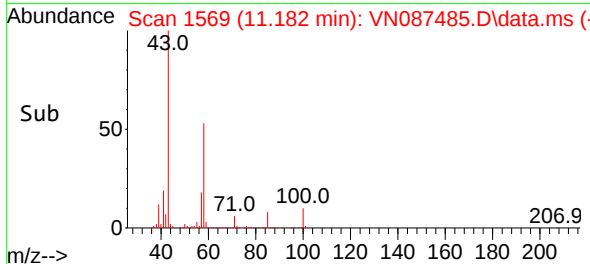
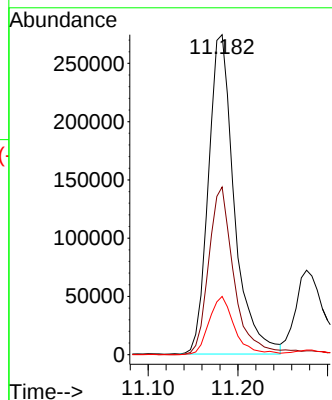
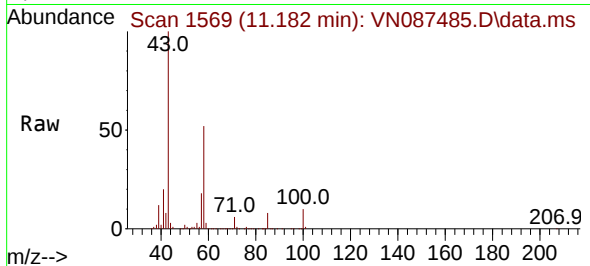




#59  
2-Hexanone  
Concen: 105.038 ug/l  
RT: 11.182 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

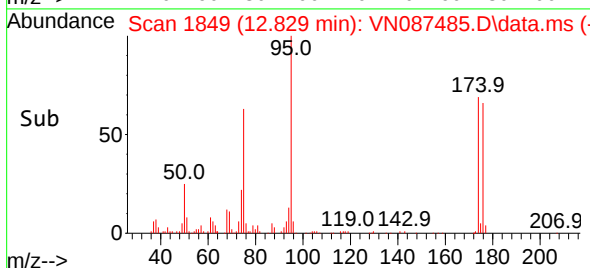
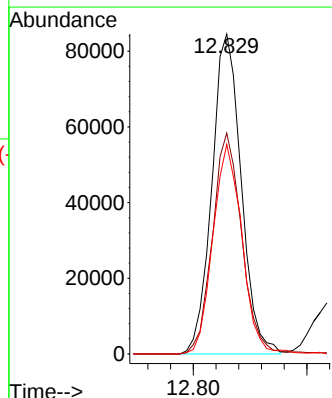
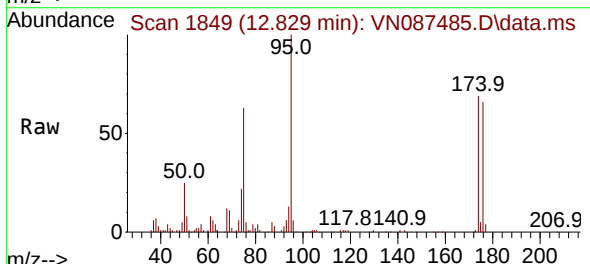
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

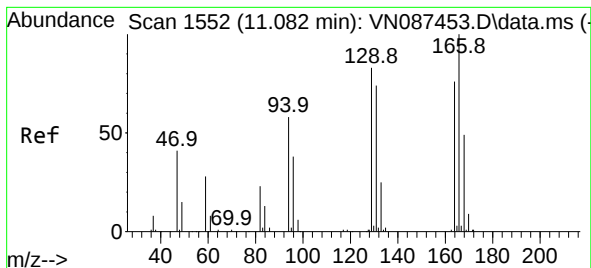
Tgt Ion: 43 Resp: 550672  
Ion Ratio Lower Upper  
43 100  
58 50.7 41.0 61.6  
57 17.6 14.6 21.8



#60  
4-Bromofluorobenzene  
Concen: 29.336 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 95 Resp: 151429  
Ion Ratio Lower Upper  
95 100  
174 68.5 52.3 78.5  
176 64.2 49.8 74.8





#61

Tetrachloroethene

Concen: 22.006 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN087485.D

Acq: 07 Aug 2025 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0807WBSD01

Tgt Ion:164 Resp: 64305

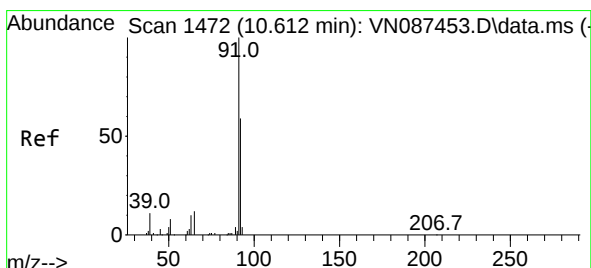
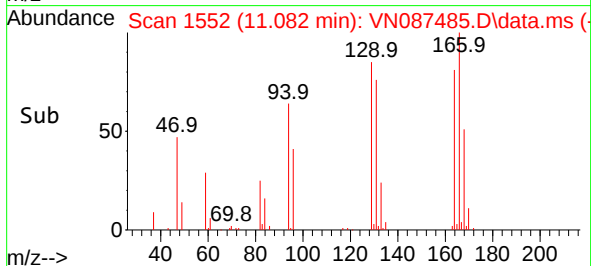
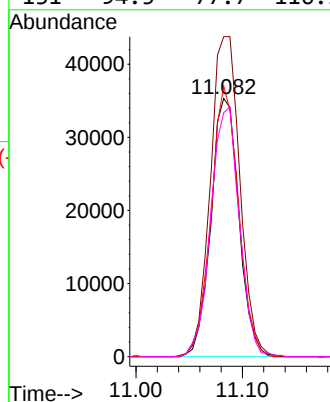
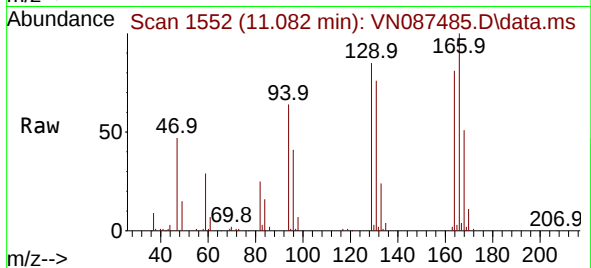
Ion Ratio Lower Upper

164 100

166 123.9 105.4 158.0

129 104.8 87.7 131.5

131 94.5 77.7 116.5



#62

Toluene

Concen: 20.939 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN087485.D

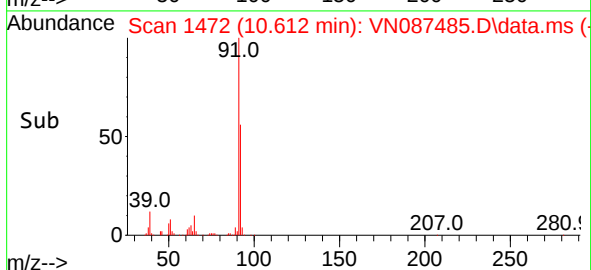
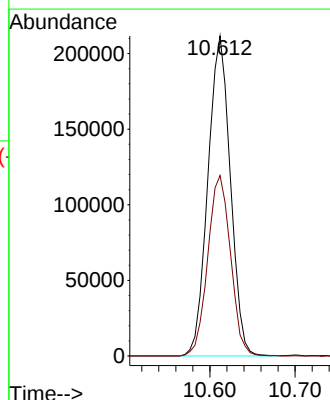
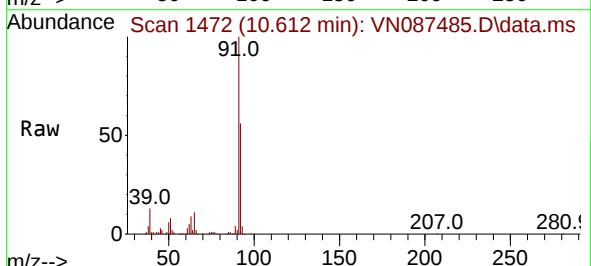
Acq: 07 Aug 2025 11:09

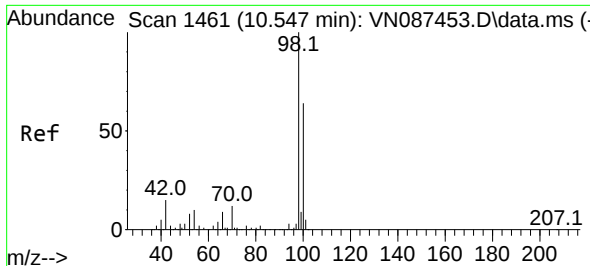
Tgt Ion: 91 Resp: 387636

Ion Ratio Lower Upper

91 100

92 57.1 45.8 68.6

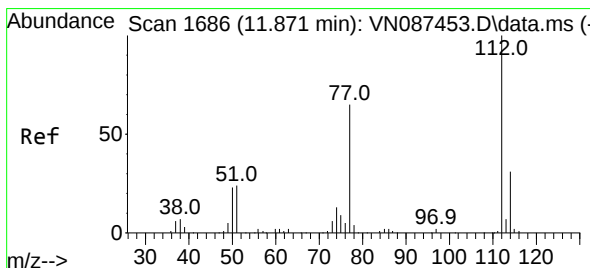
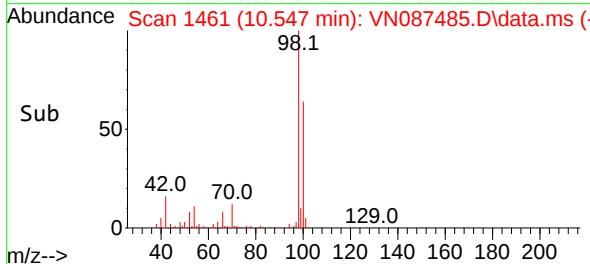
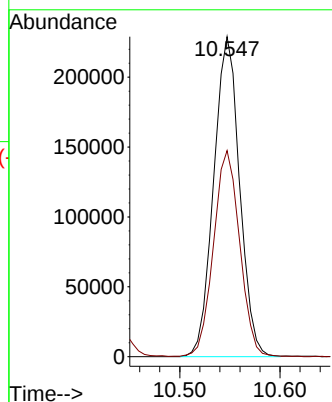
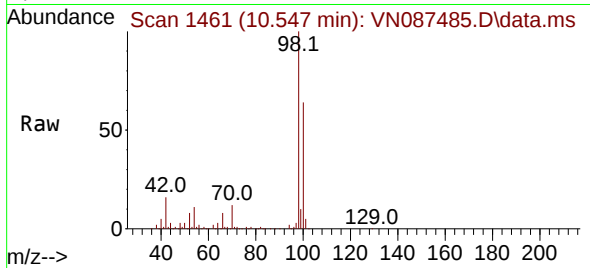




#63  
Toluene-d8  
Concen: 29.778 ug/l  
RT: 10.547 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

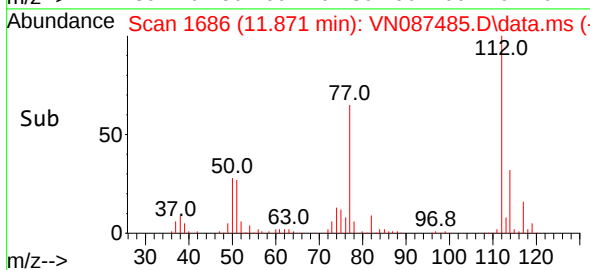
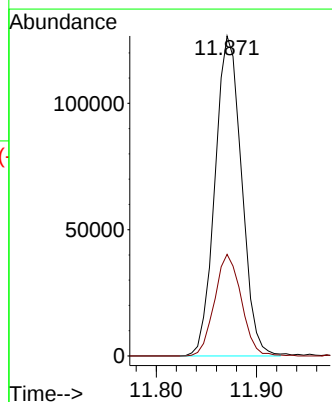
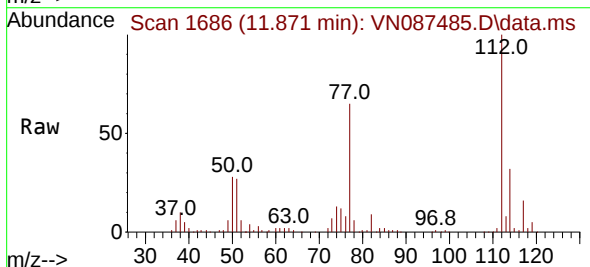
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

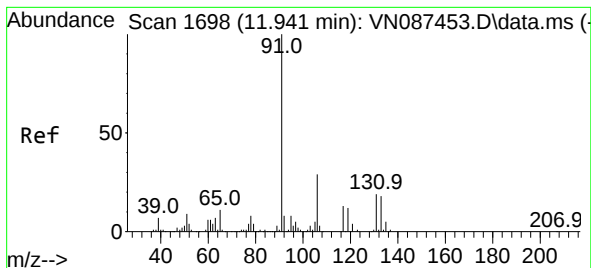
Tgt Ion: 98 Resp: 410968  
Ion Ratio Lower Upper  
98 100  
100 65.1 50.5 75.7



#64  
Chlorobenzene  
Concen: 20.531 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 112 Resp: 233549  
Ion Ratio Lower Upper  
112 100  
114 31.7 24.7 37.1

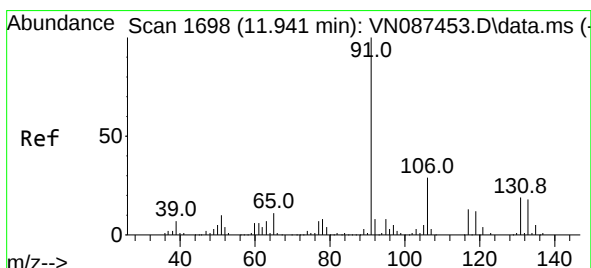
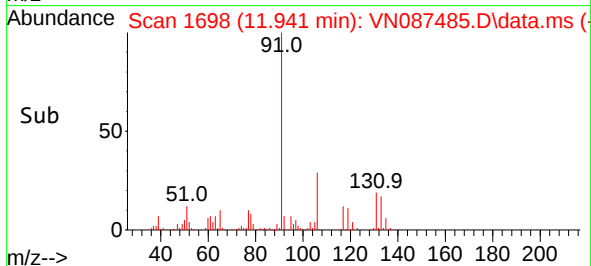
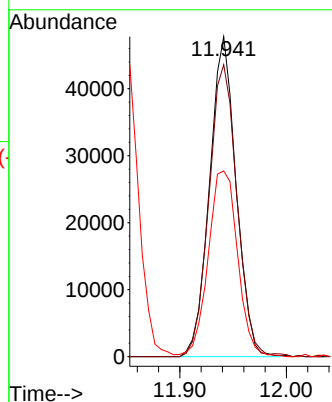
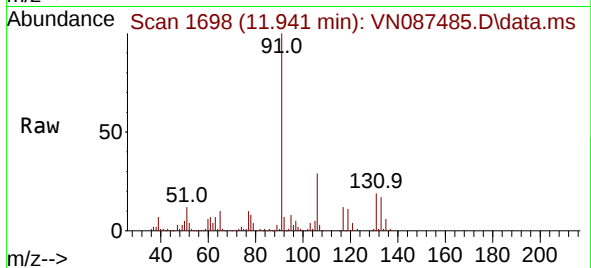




#65  
1,1,1,2-Tetrachloroethane  
Concen: 20.680 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

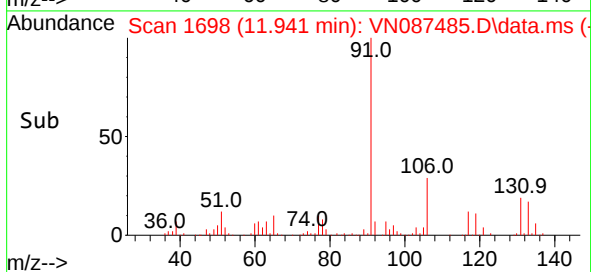
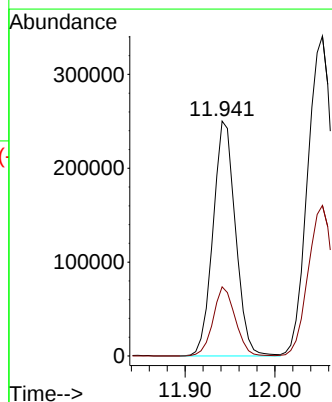
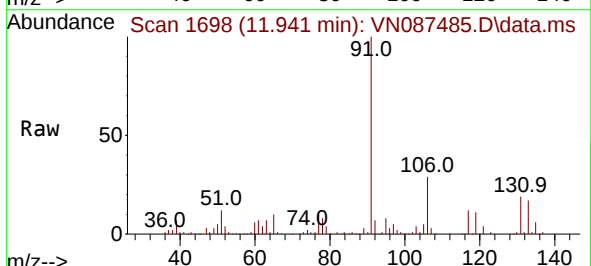
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

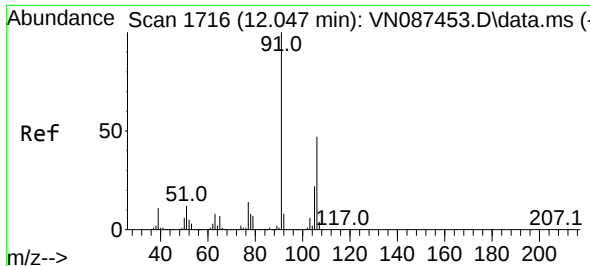
Tgt Ion:131 Resp: 82708  
Ion Ratio Lower Upper  
131 100  
133 95.7 0.0 189.8  
119 64.3 0.0 133.2



#66  
Ethyl Benzene  
Concen: 21.121 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 91 Resp: 435806  
Ion Ratio Lower Upper  
91 100  
106 29.5 22.9 34.3

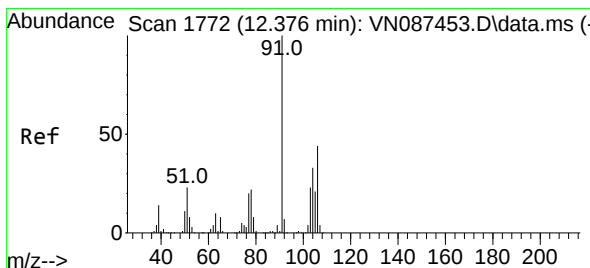
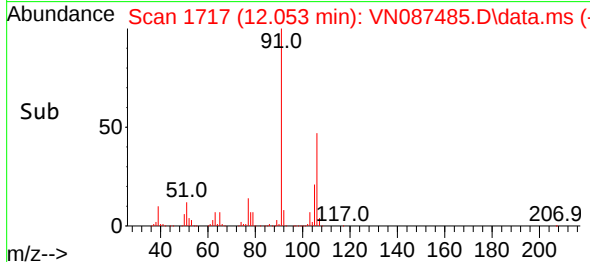
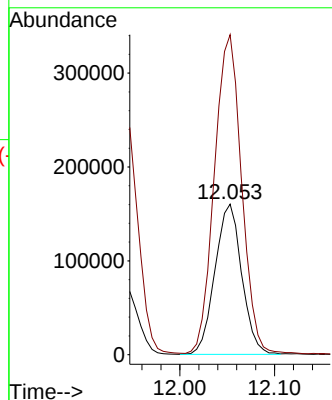
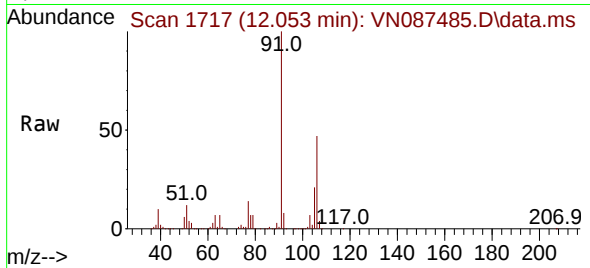




#67  
m/p-Xylenes  
Concen: 41.428 ug/l  
RT: 12.053 min Scan# 1717  
Delta R.T. 0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

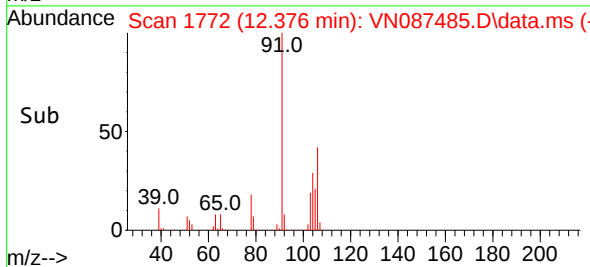
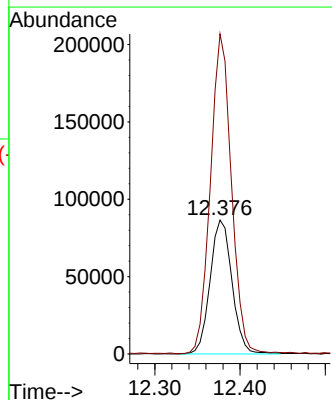
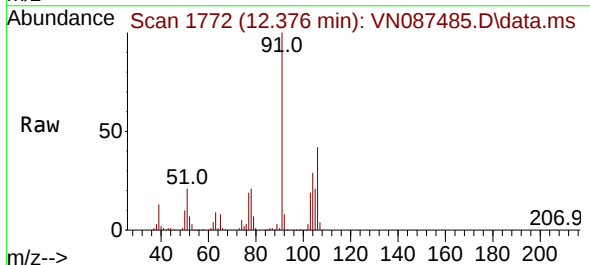
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

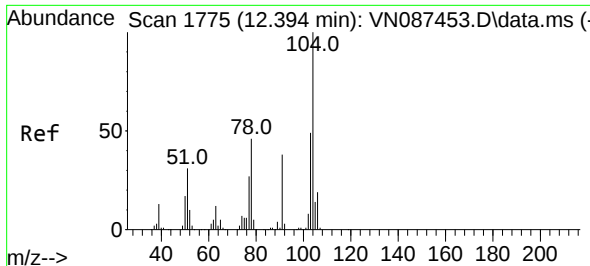
Tgt Ion:106 Resp: 313770  
Ion Ratio Lower Upper  
106 100  
91 217.4 174.2 261.2



#68  
o-Xylene  
Concen: 20.770 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion:106 Resp: 154757  
Ion Ratio Lower Upper  
106 100  
91 228.2 114.5 343.5

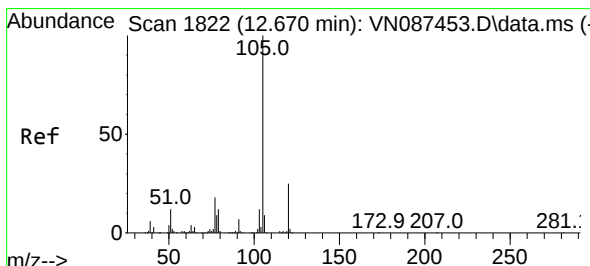
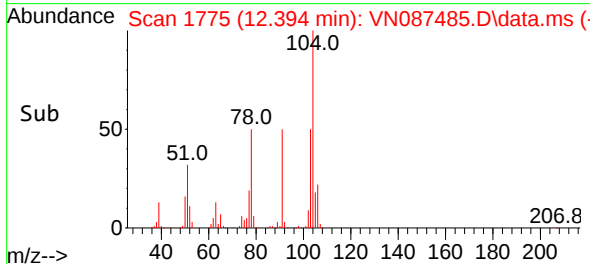
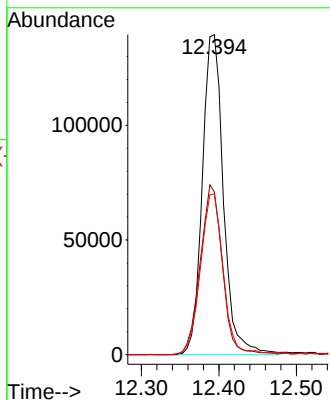
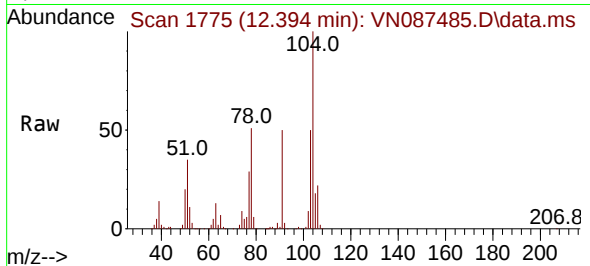




#69  
Styrene  
Concen: 20.775 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

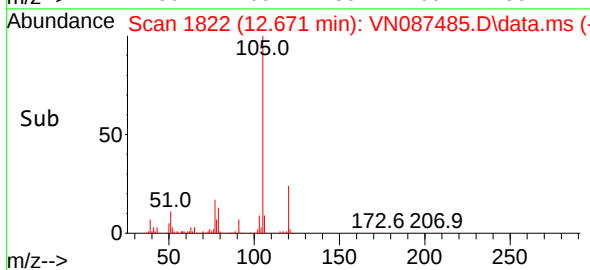
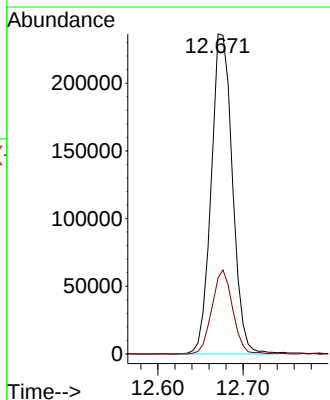
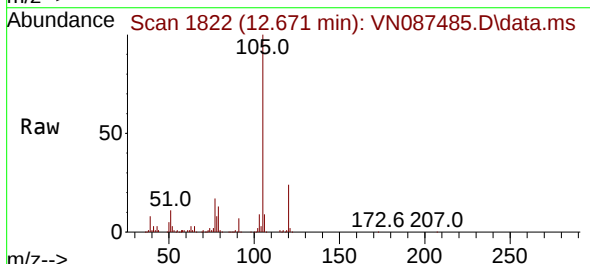
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

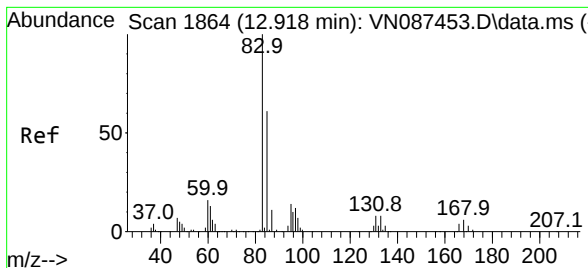
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 104   | Resp: | 264320 |
| Ion      | Ratio | Lower | Upper  |
| 104      | 100   |       |        |
| 78       | 55.5  | 43.8  | 65.8   |
| 103      | 53.4  | 43.1  | 64.7   |



#70  
Isopropylbenzene  
Concen: 21.656 ug/l  
RT: 12.671 min Scan# 1822  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 409954 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 120      | 25.2  | 17.5  | 32.5   |

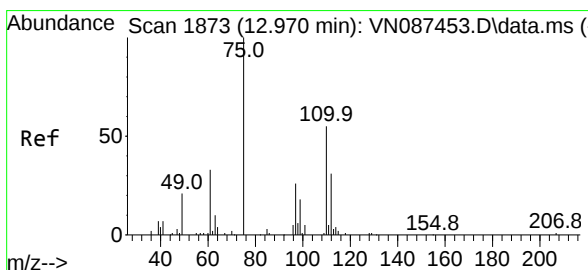
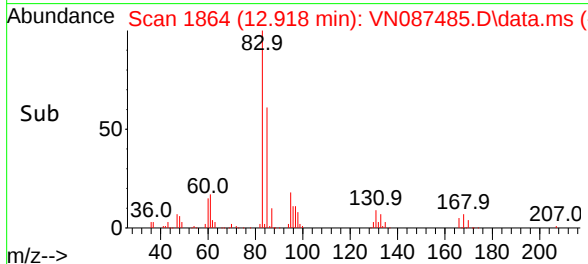
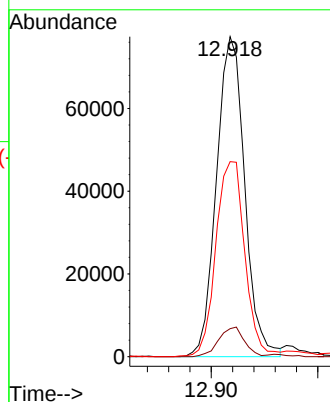
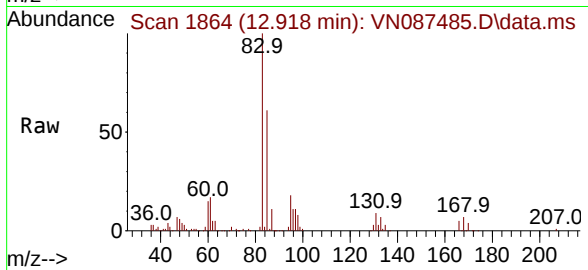




#71  
1,1,2,2-Tetrachloroethane  
Concen: 21.947 ug/l  
RT: 12.918 min Scan# 1864  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

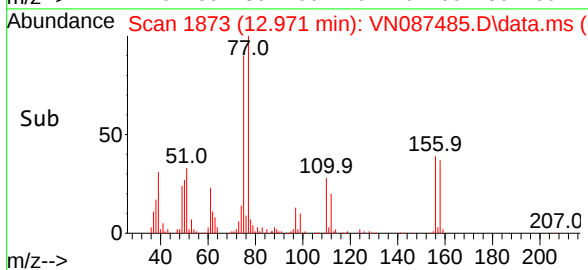
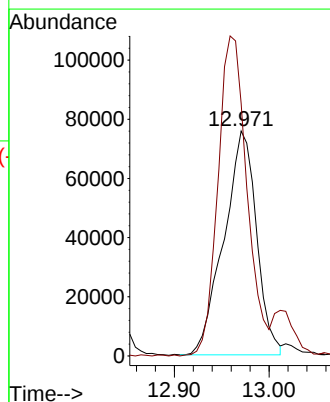
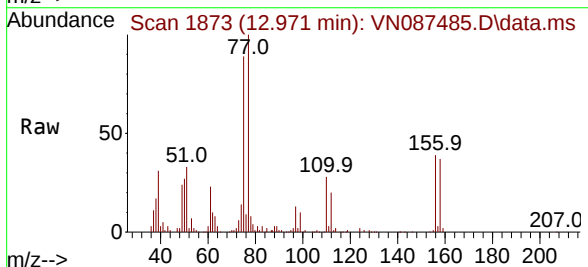
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

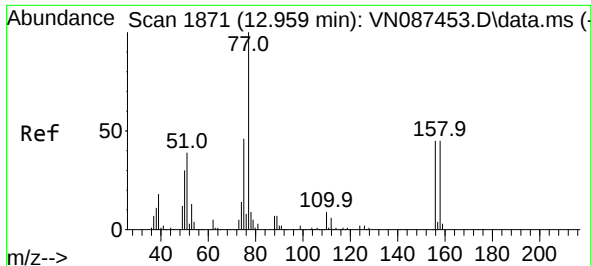
Tgt Ion: 83 Resp: 142352  
Ion Ratio Lower Upper  
83 100  
131 8.4 4.8 14.3  
85 62.5 31.7 95.1



#72  
1,2,3-Trichloropropane  
Concen: 29.978 ug/l  
RT: 12.971 min Scan# 1873  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 75 Resp: 181141  
Ion Ratio Lower Upper  
75 100  
77 127.3 0.0 385.0

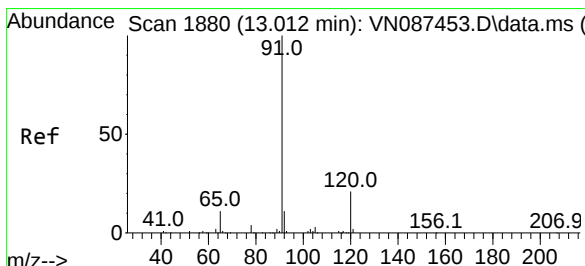
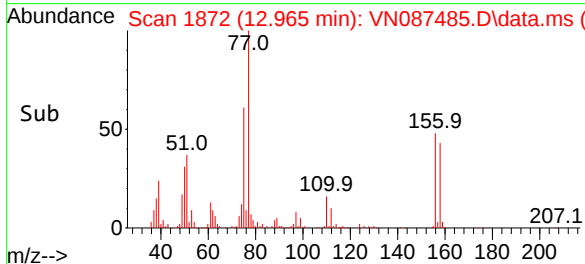
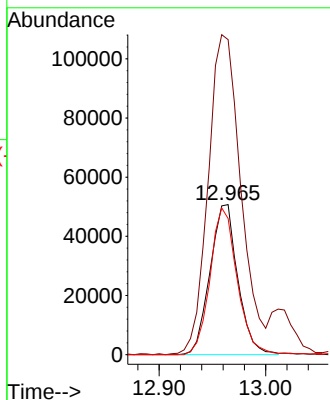
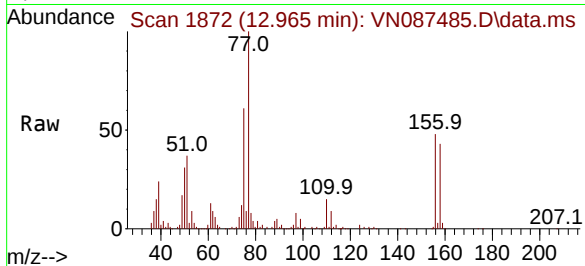




#73  
Bromobenzene  
Concen: 20.882 ug/l  
RT: 12.965 min Scan# 1872  
Delta R.T. 0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

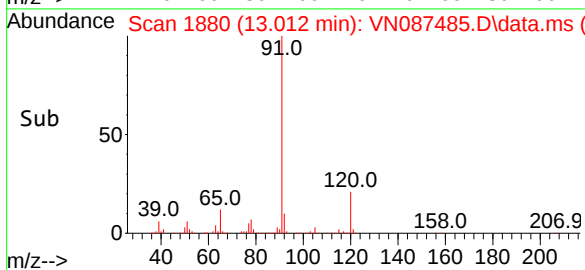
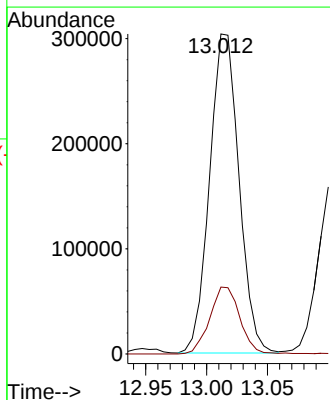
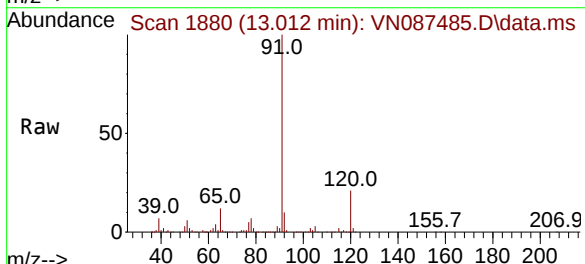
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

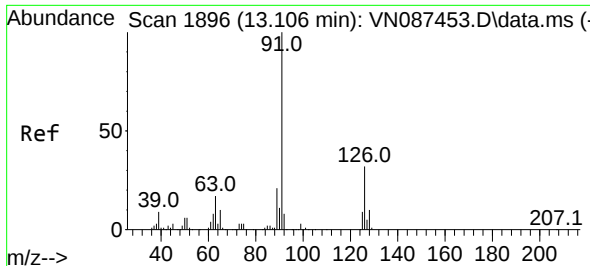
Tgt Ion:156 Resp: 91640  
Ion Ratio Lower Upper  
156 100  
77 251.7 0.0 506.6  
158 95.0 0.0 193.6



#74  
n-propylbenzene  
Concen: 21.609 ug/l  
RT: 13.012 min Scan# 1880  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 91 Resp: 510865  
Ion Ratio Lower Upper  
91 100  
120 21.3 0.0 41.8

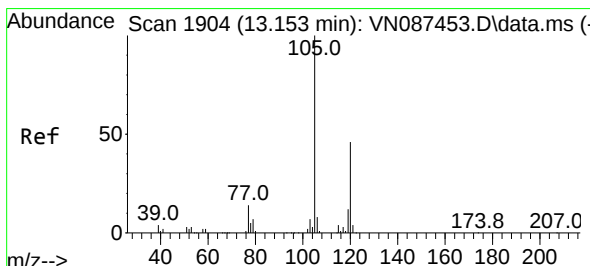
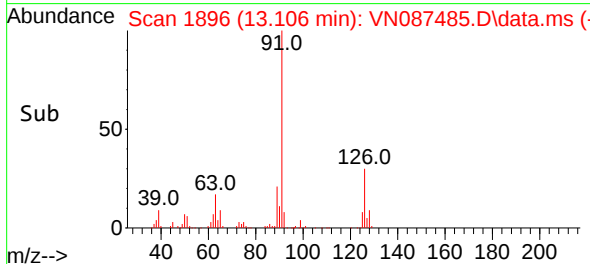
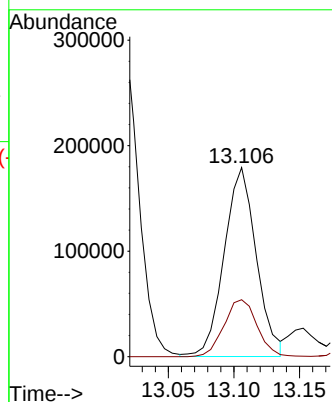
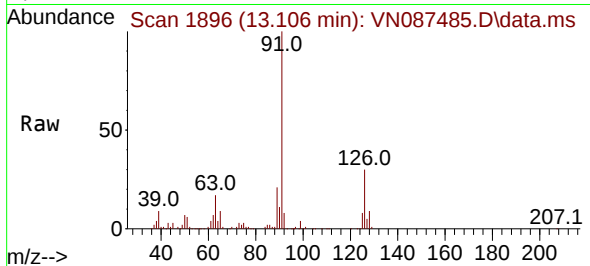




#75  
2-Chlorotoluene  
Concen: 21.018 ug/l  
RT: 13.106 min Scan# 1896  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

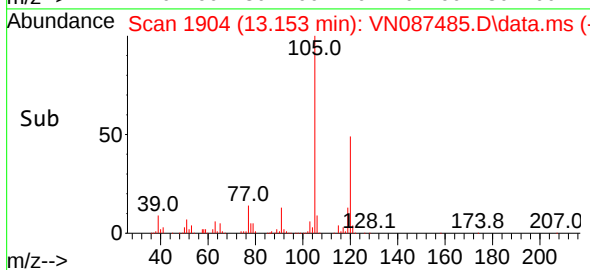
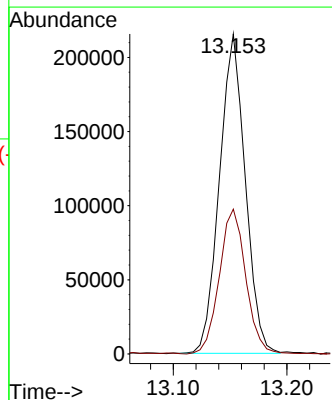
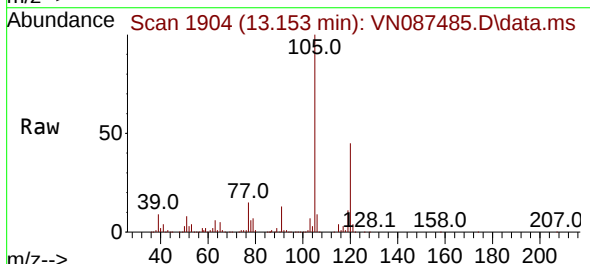
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

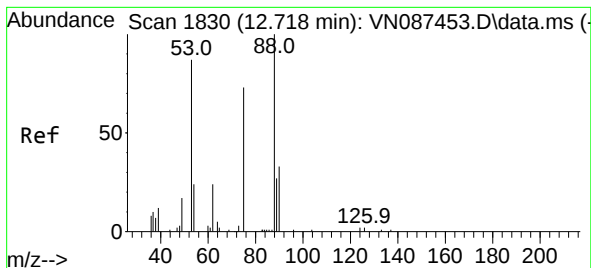
Tgt Ion: 91 Resp: 305651  
Ion Ratio Lower Upper  
91 100  
126 31.2 0.0 60.4



#76  
1,3,5-Trimethylbenzene  
Concen: 20.966 ug/l  
RT: 13.153 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 105 Resp: 339823  
Ion Ratio Lower Upper  
105 100  
120 46.6 0.0 91.2





#77

t-1,4-Dichloro-2-butene

Concen: 20.876 ug/l

RT: 12.723 min Scan# 1831

Delta R.T. 0.006 min

Lab File: VN087485.D

Acq: 07 Aug 2025 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0807WBSD01

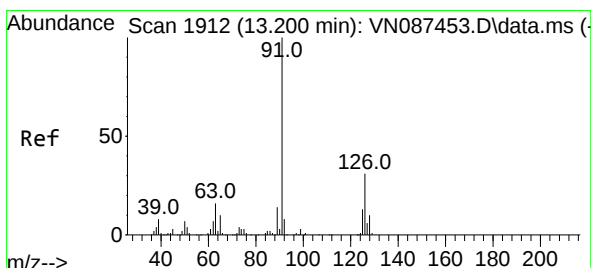
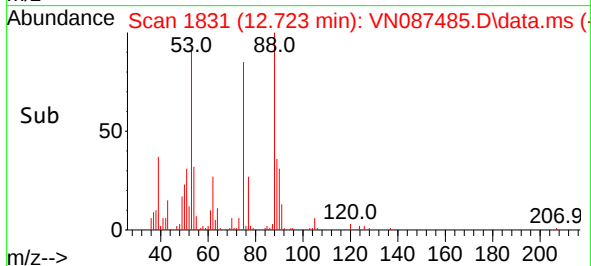
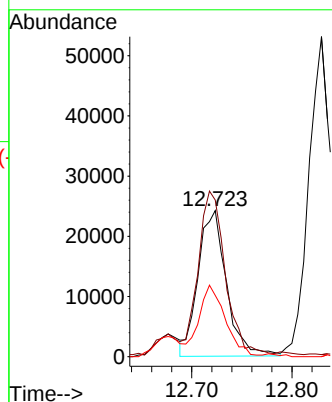
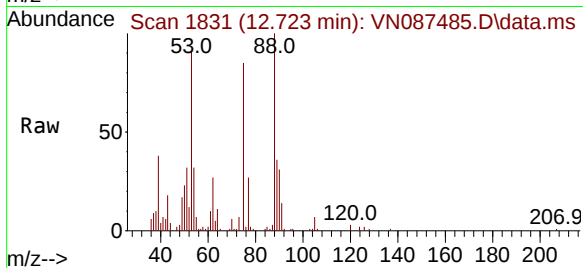
Tgt Ion: 75 Resp: 47751

Ion Ratio Lower Upper

75 100

53 106.3 59.0 176.8

89 42.2 22.1 66.5



#78

4-Chlorotoluene

Concen: 21.145 ug/l

RT: 13.200 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VN087485.D

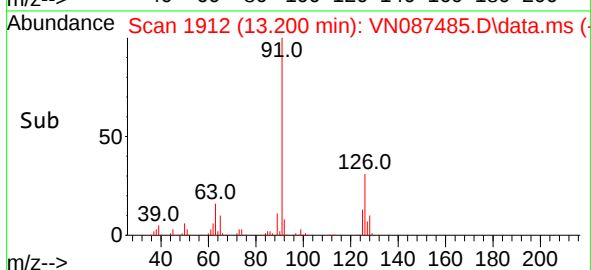
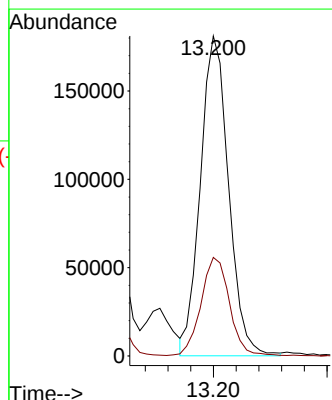
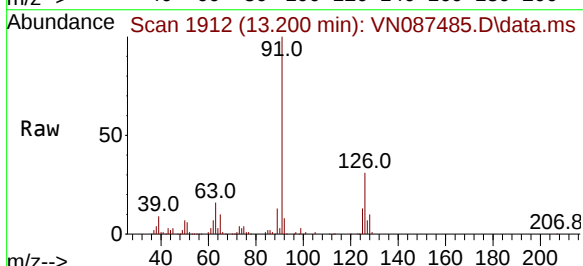
Acq: 07 Aug 2025 11:09

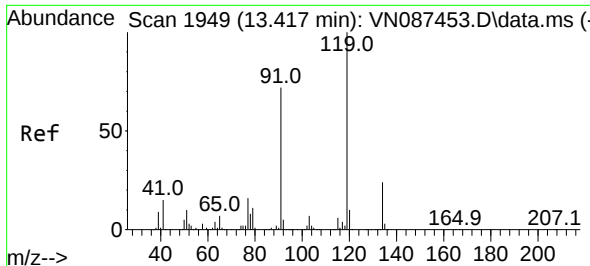
Tgt Ion: 91 Resp: 311615

Ion Ratio Lower Upper

91 100

126 31.3 0.0 63.2

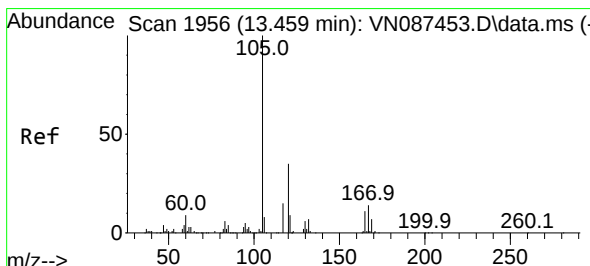
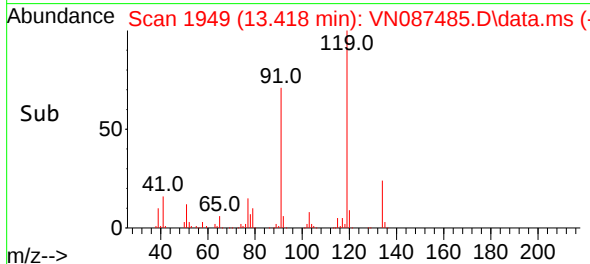
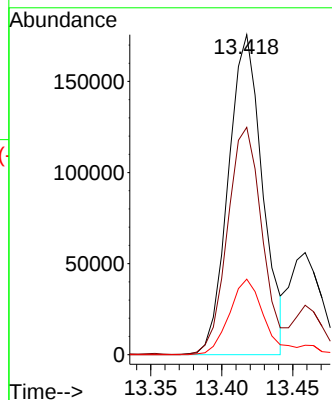
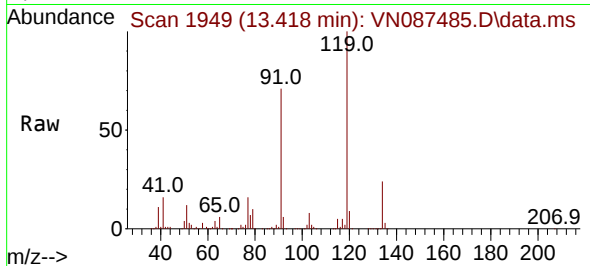




#79  
tert-butylbenzene  
Concen: 21.583 ug/l  
RT: 13.418 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

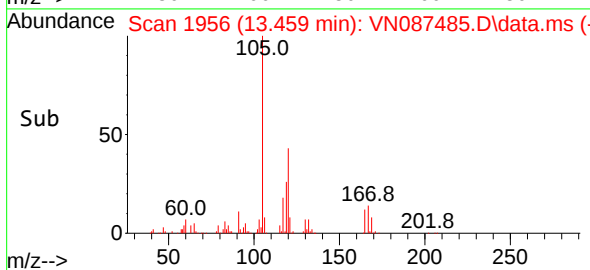
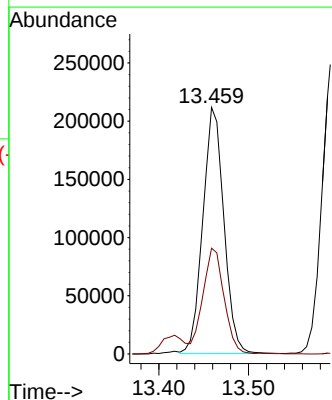
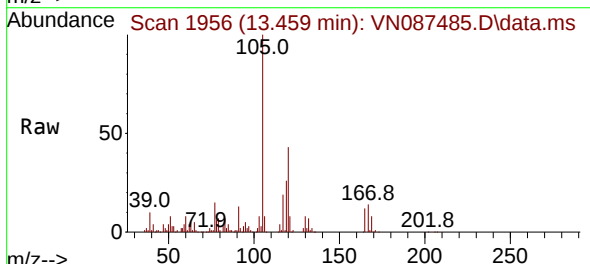
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

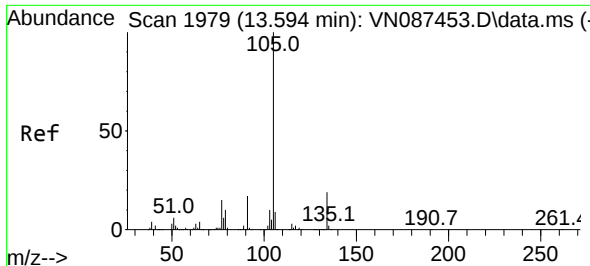
Tgt Ion:119 Resp: 294944  
Ion Ratio Lower Upper  
119 100  
91 72.9 0.0 141.6  
134 24.0 0.0 45.6



#80  
1,2,4-Trimethylbenzene  
Concen: 21.284 ug/l  
RT: 13.459 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion:105 Resp: 344709  
Ion Ratio Lower Upper  
105 100  
120 42.5 0.0 87.2

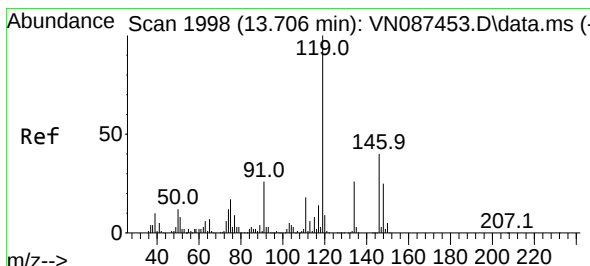
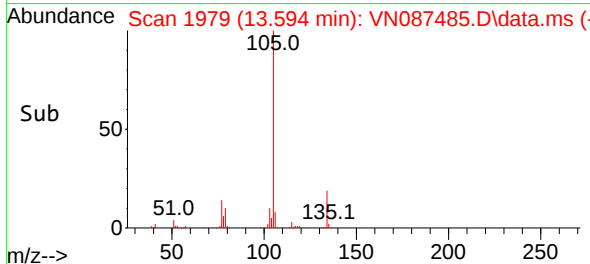
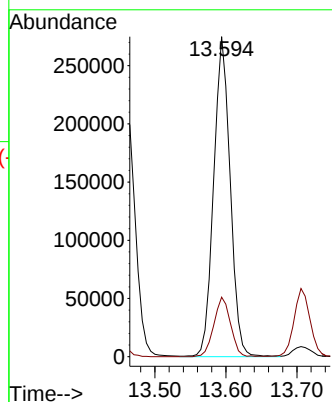
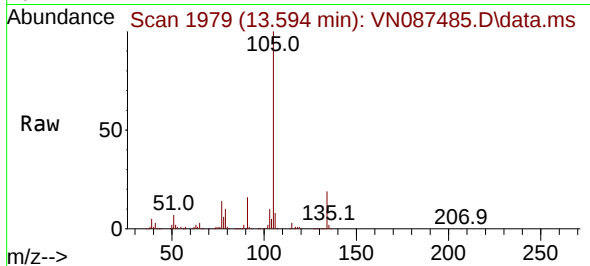




#81  
 sec-Butylbenzene  
 Concen: 22.296 ug/l  
 RT: 13.594 min Scan# 1979  
 Delta R.T. 0.000 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

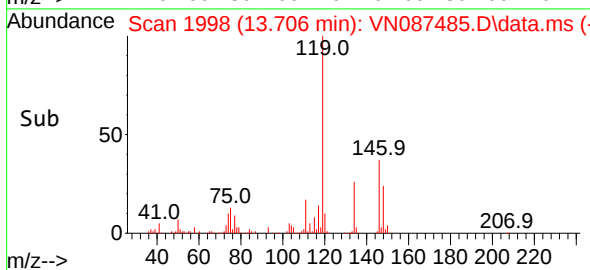
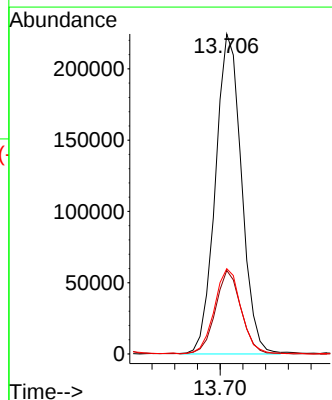
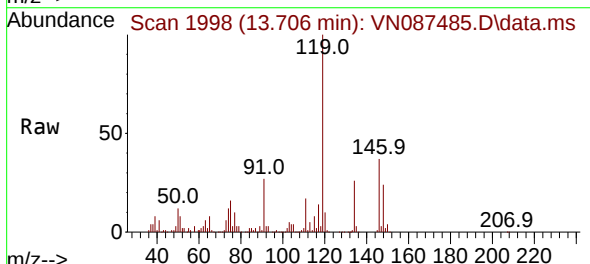
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0807WBSD01

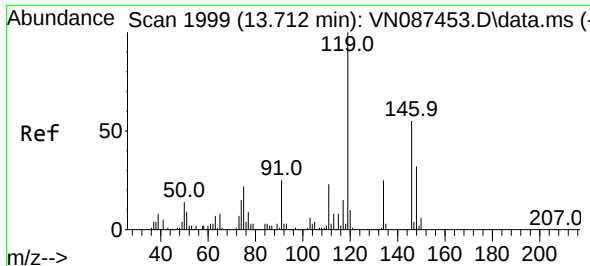
Tgt Ion:105 Resp: 443576  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 0.0 37.6



#82  
 p-Isopropyltoluene  
 Concen: 21.691 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. 0.000 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

Tgt Ion:119 Resp: 358297  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 0.0 51.4  
 91 27.3 0.0 52.0

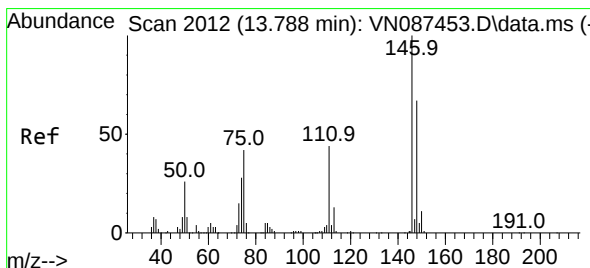
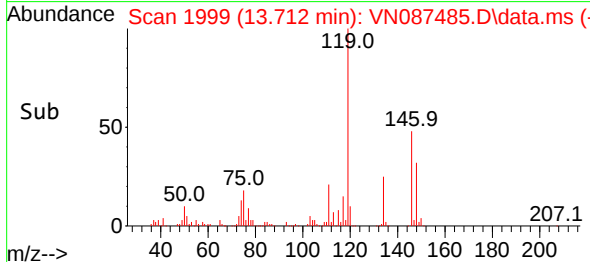
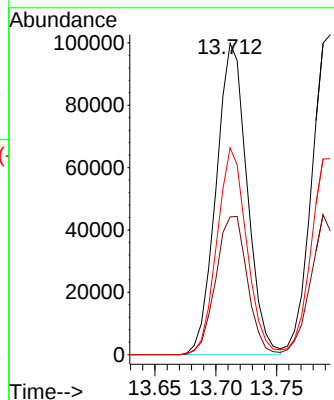
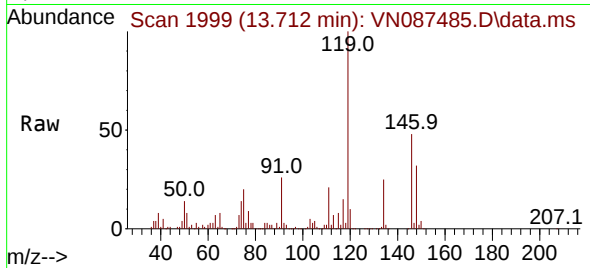




#83  
 1,3-Dichlorobenzene  
 Concen: 21.164 ug/l  
 RT: 13.712 min Scan# 1999  
 Delta R.T. 0.000 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

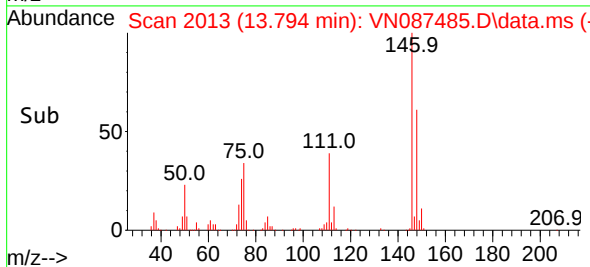
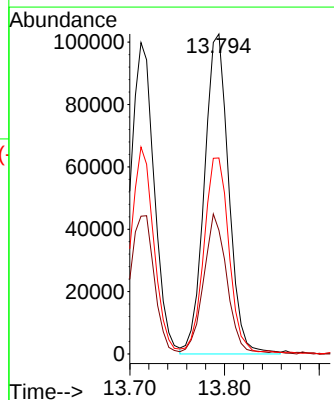
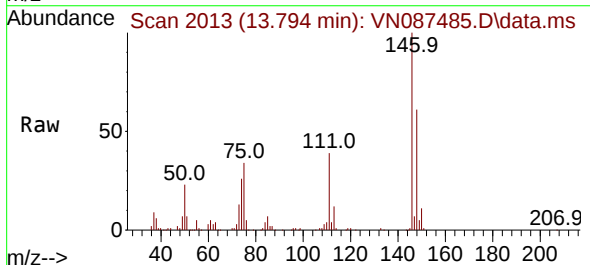
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0807WBSD01

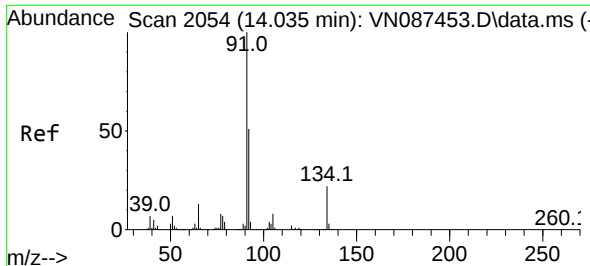
Tgt Ion:146 Resp: 176856  
 Ion Ratio Lower Upper  
 146 100  
 111 45.3 21.9 65.5  
 148 63.8 31.3 93.9



#84  
 1,4-Dichlorobenzene  
 Concen: 21.662 ug/l  
 RT: 13.794 min Scan# 2013  
 Delta R.T. 0.006 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

Tgt Ion:146 Resp: 183521  
 Ion Ratio Lower Upper  
 146 100  
 111 42.0 21.1 63.1  
 148 63.1 31.4 94.3

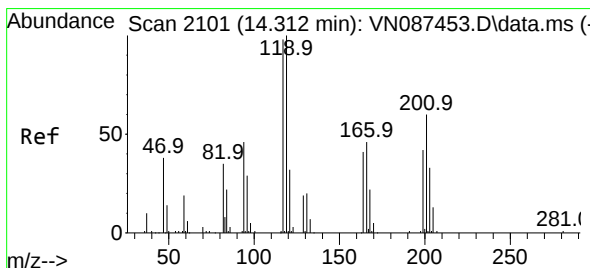
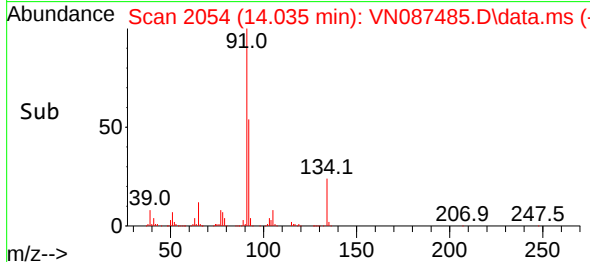
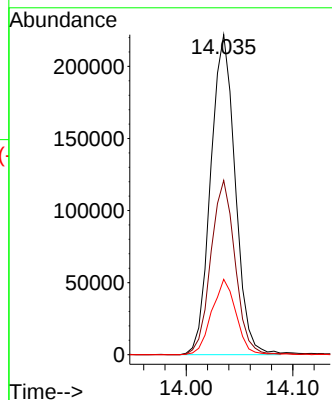
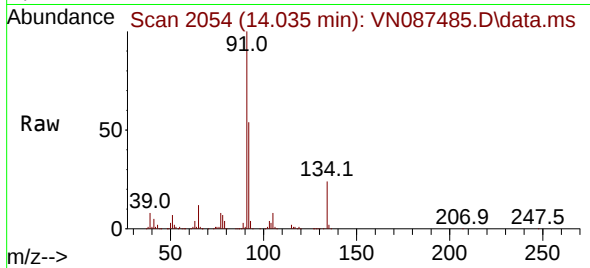




#85  
n-Butylbenzene  
Concen: 21.962 ug/l  
RT: 14.035 min Scan# 2054  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

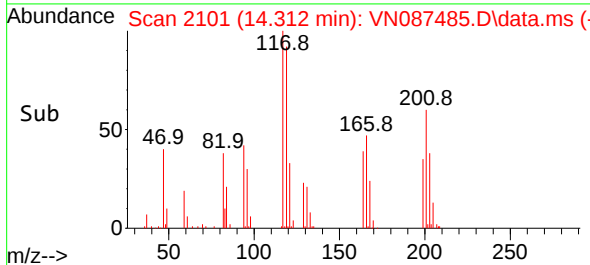
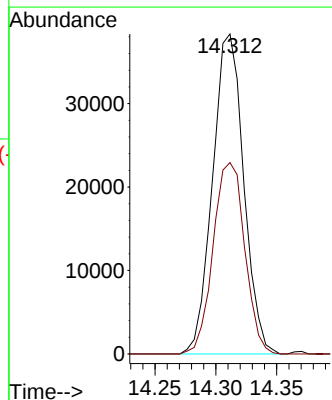
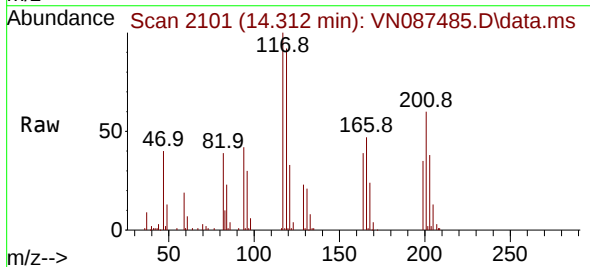
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

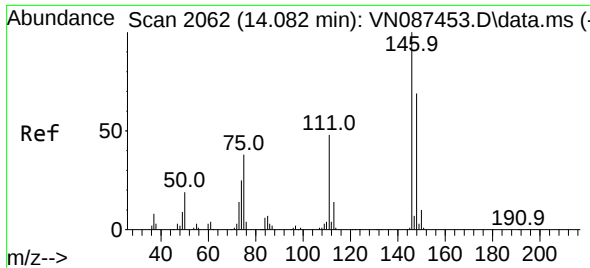
Tgt Ion: 91 Resp: 354937  
Ion Ratio Lower Upper  
91 100  
92 53.9 0.0 106.6  
134 23.4 0.0 44.4



#86  
Hexachloroethane  
Concen: 21.142 ug/l  
RT: 14.312 min Scan# 2101  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 117 Resp: 68197  
Ion Ratio Lower Upper  
117 100  
201 60.7 29.1 87.4

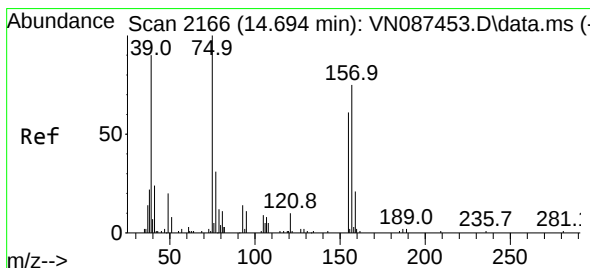
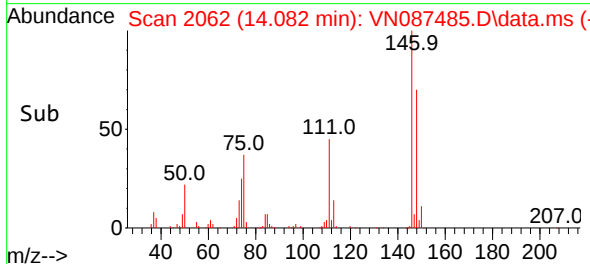
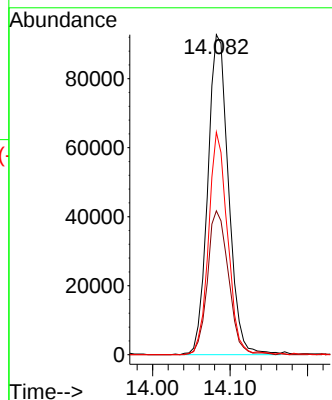
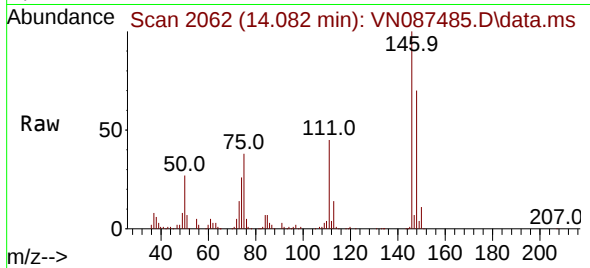




#87  
1,2-Dichlorobenzene  
Concen: 21.586 ug/l  
RT: 14.082 min Scan# 2062  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

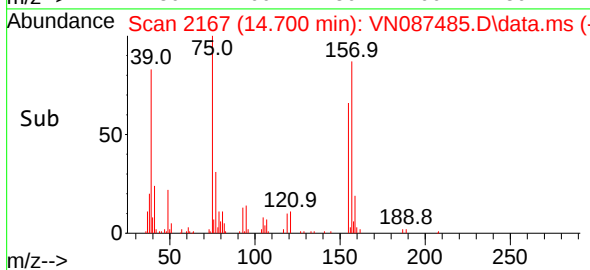
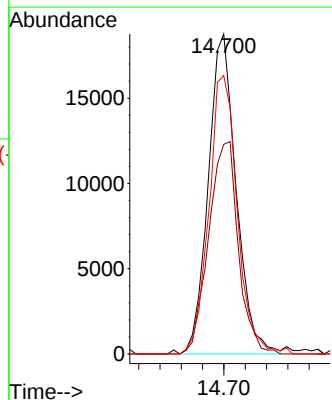
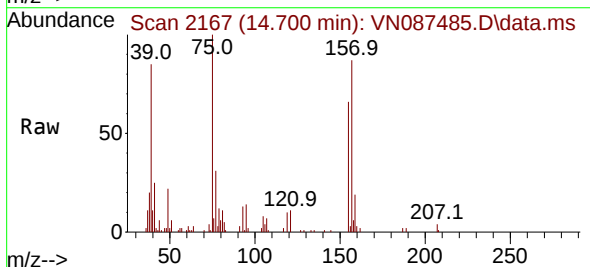
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

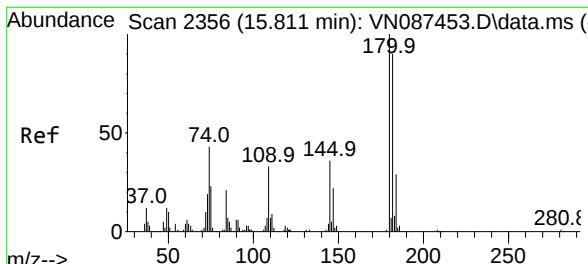
Tgt Ion:146 Resp: 172184  
Ion Ratio Lower Upper  
146 100  
111 45.2 22.9 68.7  
148 63.2 31.6 94.7



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 20.747 ug/l  
RT: 14.700 min Scan# 2167  
Delta R.T. 0.006 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Tgt Ion: 75 Resp: 34090  
Ion Ratio Lower Upper  
75 100  
155 70.3 55.7 83.5  
157 88.1 65.8 98.6

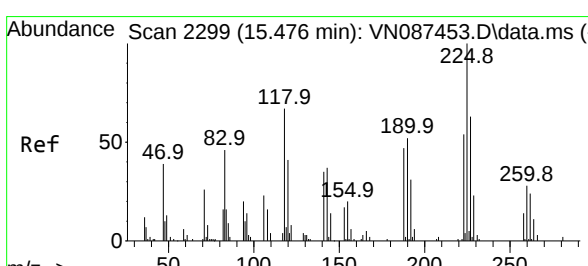
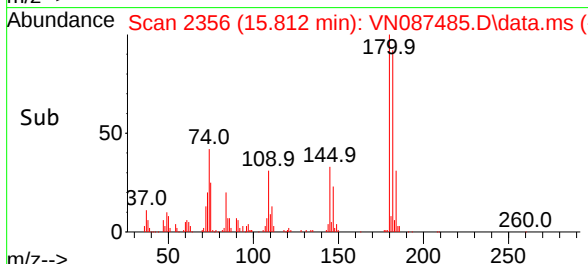
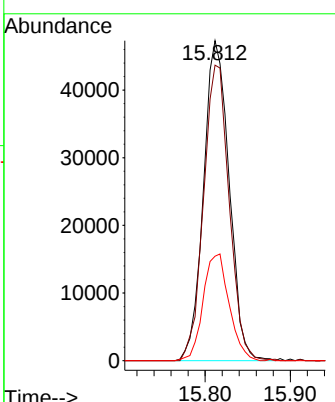
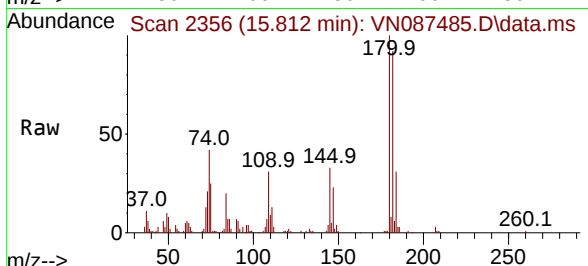




#89  
 1,2,4-Trichlorobenzene  
 Concen: 20.784 ug/l  
 RT: 15.812 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

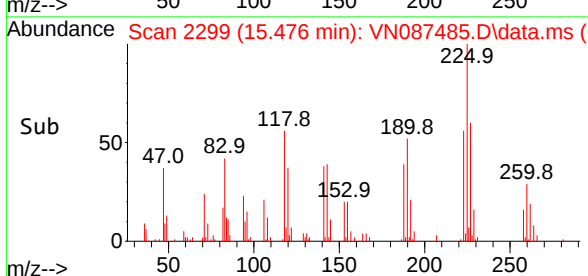
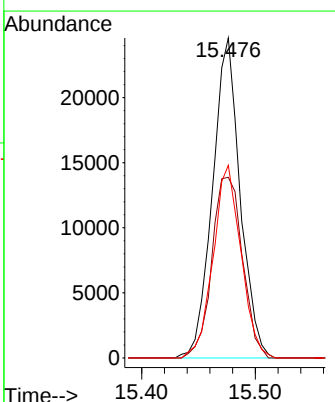
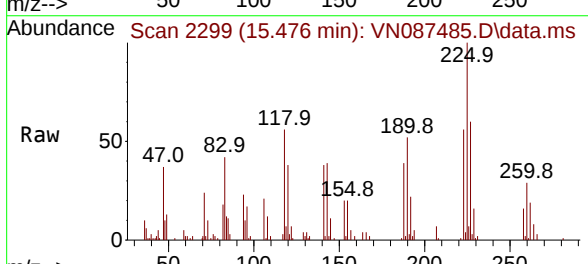
Instrument :  
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 ClientSampleId :  
 VN0807WBSD01

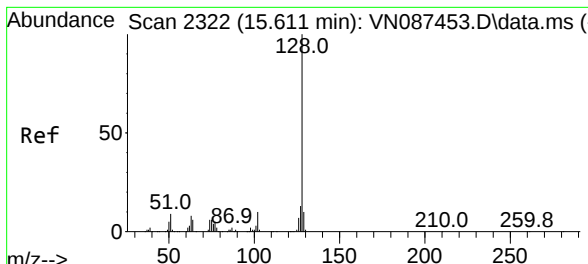
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 99079 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.3  | 75.0  | 112.4 |
| 145       | 33.8  | 28.6  | 43.0  |



#90  
 Hexachlorobutadiene  
 Concen: 22.375 ug/l  
 RT: 15.476 min Scan# 2299  
 Delta R.T. 0.000 min  
 Lab File: VN087485.D  
 Acq: 07 Aug 2025 11:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 41477 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.6  | 0.0   | 116.0 |
| 227       | 60.8  | 0.0   | 127.0 |

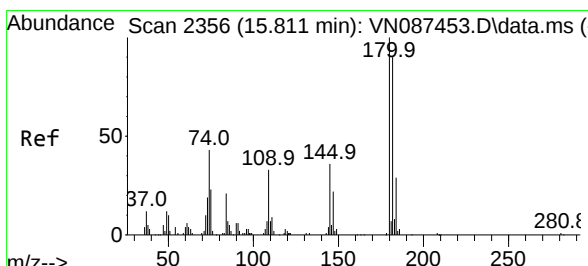
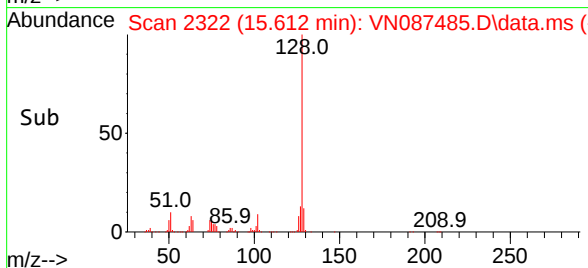
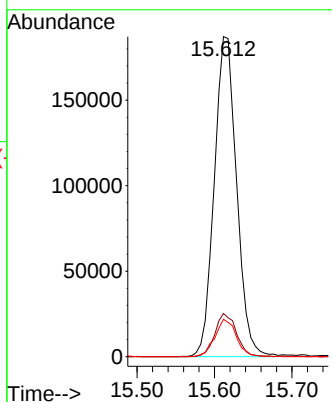
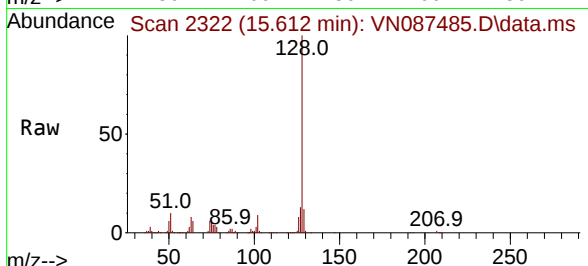




#91  
Naphthalene  
Concen: 20.656 ug/l  
RT: 15.612 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0807WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 375474 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.0  | 10.2  | 15.4   |
| 129      | 11.3  | 8.9   | 13.3   |



#92  
1,2,3-Trichlorobenzene  
Concen: 20.784 ug/l  
RT: 15.812 min Scan# 2356  
Delta R.T. 0.000 min  
Lab File: VN087485.D  
Acq: 07 Aug 2025 11:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 99079 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 92.3  | 0.0   | 187.4 |
| 145      | 33.8  | 0.0   | 71.6  |

