

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071825\  
 Data File : VN087354.D  
 Acq On : 18 Jul 2025 09:49  
 Operator : JC\MD  
 Sample : VN0718WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0718WBS01

Quant Time: Jul 18 23:15:32 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N062525W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jun 25 10:49:56 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.800  | 128   | 47522    | 30.000   | ug/l   | -0.02    |
| 28) 1,4-Difluorobenzene      | 9.083  | 114   | 244435   | 30.000   | ug/l   | -0.02    |
| 57) Chlorobenzene-d5         | 11.847 | 117   | 221298   | 30.000   | ug/l   | -0.02    |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.565  | 65    | 111922   | 31.258   | ug/l   | -0.02    |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 104.200% |
| 60) 4-Bromofluorobenzene     | 12.829 | 95    | 107177   | 31.385   | ug/l   | -0.02    |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 104.633% |
| 63) Toluene-d8               | 10.547 | 98    | 297958   | 29.987   | ug/l   | -0.02    |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 99.967%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142  | 85    | 46040    | 16.094   | ug/l   | 92       |
| 3) Chloromethane             | 2.383  | 50    | 52156    | 17.851   | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.542  | 62    | 55991    | 17.632   | ug/l   | 97       |
| 5) Bromomethane              | 2.983  | 94    | 31368    | 18.613   | ug/l   | 94       |
| 6) Chloroethane              | 3.142  | 64    | 35021    | 20.559   | ug/l   | 89       |
| 7) Trichlorofluoromethane    | 3.512  | 101   | 84060    | 21.581   | ug/l   | 94       |
| 8) Diethyl Ether             | 3.959  | 74    | 35222    | 18.405   | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365  | 101   | 45806    | 15.862   | ug/l # | 86       |
| 10) 1,1-Dichloroethene       | 4.336  | 96    | 44010    | 15.288   | ug/l   | 93       |
| 11) Methyl Iodide            | 4.577  | 142   | 45963    | 17.822   | ug/l   | 83       |
| 12) Methyl Acetate           | 5.012  | 43    | 94157    | 20.852   | ug/l   | 98       |
| 13) Acrolein                 | 4.171  | 56    | 46346    | 66.797   | ug/l   | 99       |
| 14) Acrylonitrile            | 5.706  | 53    | 194390   | 92.295   | ug/l   | 99       |
| 15) Acetone                  | 4.424  | 58    | 50273    | 81.828   | ug/l # | 67       |
| 16) Carbon Disulfide         | 4.700  | 76    | 120368   | 14.301   | ug/l   | 99       |
| 17) Allyl chloride           | 5.006  | 41    | 83723    | 17.633   | ug/l   | 95       |
| 18) Methylene Chloride       | 5.265  | 84    | 61633    | 18.481   | ug/l # | 88       |
| 19) trans-1,2-Dichloroethene | 5.765  | 96    | 50015    | 15.887   | ug/l   | 94       |
| 20) Diisopropyl ether        | 6.665  | 45    | 200651   | 19.919   | ug/l   | 95       |
| 21) 1,1-Dichloroethane       | 6.553  | 63    | 108440   | 18.011   | ug/l   | 97       |
| 22) cis-1,2-Dichloroethene   | 7.471  | 96    | 66003    | 18.014   | ug/l   | 99       |
| 23) tert-Butyl Alcohol       | 5.518  | 59    | 70858    | 89.457   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.789  | 73    | 197607   | 19.572   | ug/l # | 85       |
| 25) Chloroform               | 7.953  | 83    | 112809   | 19.558   | ug/l   | 98       |
| 26) Cyclohexane              | 8.241  | 56    | 82625    | 16.510   | ug/l # | 97       |
| 29) 1,1-Dichloropropene      | 8.353  | 75    | 73612    | 19.322   | ug/l   | 97       |
| 30) 2-Butanone               | 7.471  | 43    | 273944   | 106.594  | ug/l   | 97       |
| 31) 2,2-Dichloropropane      | 7.477  | 77    | 88722    | 19.292   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 8.153  | 97    | 94766    | 21.291   | ug/l   | 99       |
| 33) Carbon Tetrachloride     | 8.341  | 117   | 79873    | 21.324   | ug/l   | 94       |
| 34) Benzene                  | 8.588  | 78    | 230543   | 19.101   | ug/l   | 98       |
| 35) Methacrylonitrile        | 7.765  | 41    | 54370    | 20.992   | ug/l   | 92       |
| 36) 1,2-Dichloroethane       | 8.653  | 62    | 89095    | 22.847   | ug/l   | 100      |
| 37) Trichloroethene          | 9.335  | 130   | 54222    | 19.476   | ug/l   | 90       |
| 38) Methylcyclohexane        | 9.583  | 83    | 82279    | 18.822   | ug/l   | 97       |
| 39) 1,2-Dichloropropane      | 9.600  | 63    | 61741    | 20.380   | ug/l   | 95       |
| 40) Dibromomethane           | 9.688  | 93    | 44656    | 21.678   | ug/l   | 97       |
| 41) Bromodichloromethane     | 9.871  | 83    | 90440    | 21.751   | ug/l   | 100      |
| 42) Vinyl Acetate            | 6.589  | 43    | 814344   | 97.423   | ug/l   | 98       |

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 Sample : VN0718WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0718WBS01

Quant Time: Jul 18 23:15:32 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N062525W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jun 25 10:49:56 2025  
 Response via : Initial Calibration

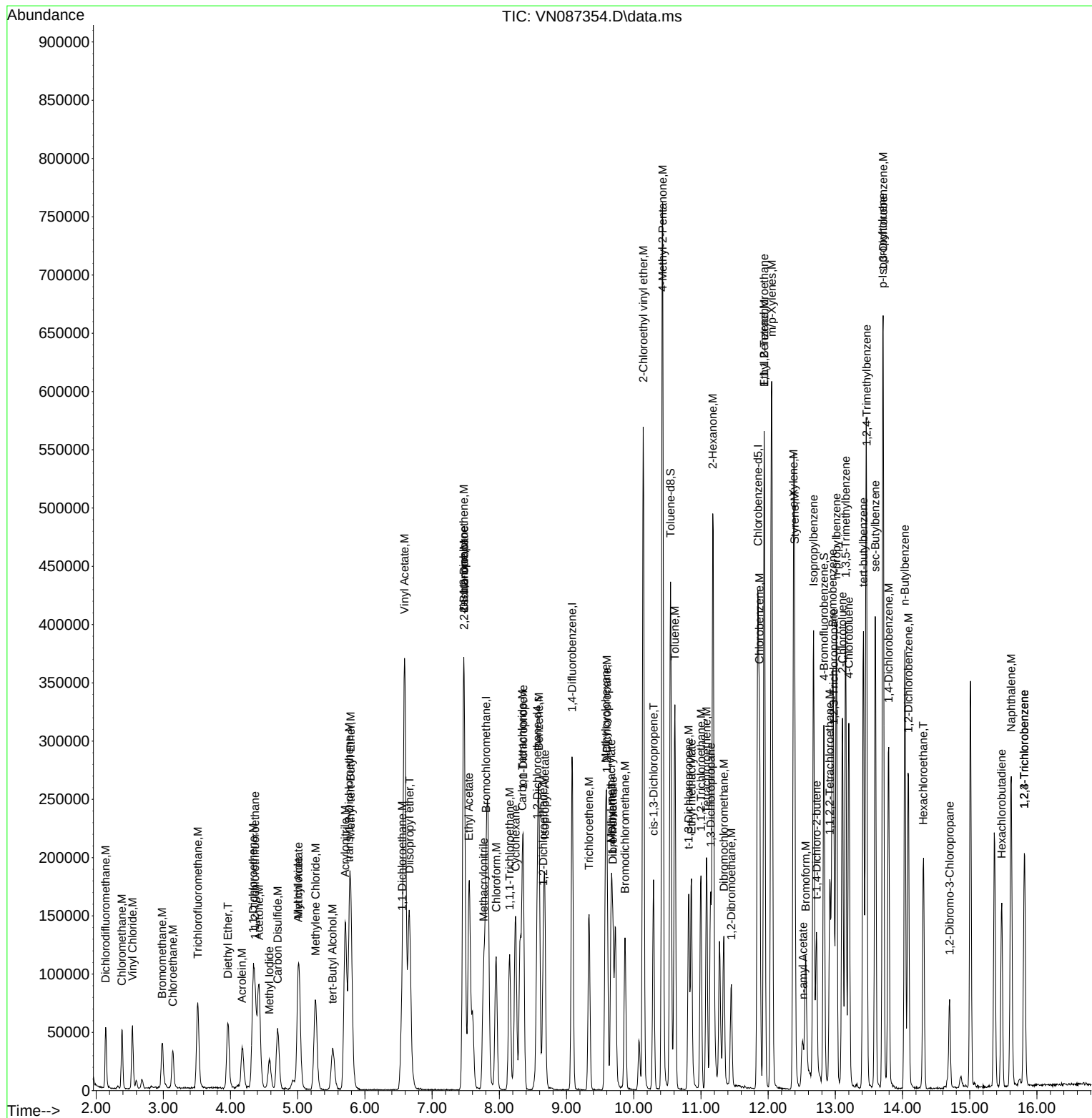
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.547  | 43   | 104599   | 22.546  | ug/l   | 99       |
| 44) Isopropyl Acetate         | 8.677  | 43   | 168318   | 22.268  | ug/l   | 97       |
| 45) 1,4-Dioxane               | 9.683  | 88   | 22395    | 437.982 | ug/l   | 96       |
| 46) Methyl methacrylate       | 9.665  | 41   | 77417    | 22.032  | ug/l   | 91       |
| 47) n-amyl Acetate            | 12.518 | 43   | 52406    | 11.340  | ug/l # | 100      |
| 48) t-1,3-Dichloropropene     | 10.818 | 75   | 97826    | 21.105  | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene   | 10.294 | 75   | 98514    | 19.992  | ug/l   | 94       |
| 50) 1,1,2-Trichloroethane     | 11.000 | 97   | 59759    | 20.422  | ug/l   | 96       |
| 51) Ethyl methacrylate        | 10.859 | 69   | 99466    | 22.333  | ug/l   | 95       |
| 52) 1,3-Dichloropropane       | 11.147 | 76   | 103837   | 20.670  | ug/l   | 100      |
| 53) Dibromochloromethane      | 11.341 | 129  | 66541    | 21.663  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 11.453 | 107  | 60898    | 20.172  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 10.141 | 63   | 250674   | 98.193  | ug/l   | 99       |
| 56) Bromoform                 | 12.559 | 173  | 43849    | 20.766  | ug/l # | 99       |
| 58) 4-Methyl-2-Pentanone      | 10.430 | 43   | 538352   | 121.008 | ug/l   | 97       |
| 59) 2-Hexanone                | 11.177 | 43   | 364057   | 126.726 | ug/l   | 91       |
| 61) Tetrachloroethene         | 11.082 | 164  | 43638    | 19.912  | ug/l   | 95       |
| 62) Toluene                   | 10.612 | 91   | 243667   | 19.496  | ug/l   | 97       |
| 64) Chlorobenzene             | 11.871 | 112  | 156878   | 19.677  | ug/l   | 94       |
| 65) 1,1,1,2-Tetrachloroethane | 11.941 | 131  | 55487    | 21.064  | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.941 | 91   | 267636   | 19.563  | ug/l   | 98       |
| 67) m/p-Xylenes               | 12.053 | 106  | 207896   | 39.657  | ug/l   | 99       |
| 68) o-Xylene                  | 12.376 | 106  | 102410   | 20.476  | ug/l   | 96       |
| 69) Styrene                   | 12.394 | 104  | 164445   | 19.152  | ug/l   | 97       |
| 70) Isopropylbenzene          | 12.676 | 105  | 257201   | 20.649  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.918 | 83   | 92663    | 20.667  | ug/l   | 96       |
| 72) 1,2,3-Trichloropropane    | 12.976 | 75   | 121790   | 31.500  | ug/l   | 54       |
| 73) Bromobenzene              | 12.959 | 156  | 63051    | 20.867  | ug/l   | 95       |
| 74) n-propylbenzene           | 13.018 | 91   | 317325   | 20.853  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 13.106 | 91   | 185378   | 20.164  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 13.153 | 105  | 217196   | 21.419  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene   | 12.724 | 75   | 31906    | 18.604  | ug/l   | 98       |
| 78) 4-Chlorotoluene           | 13.200 | 91   | 191958   | 20.387  | ug/l   | 98       |
| 79) tert-butylbenzene         | 13.418 | 119  | 188065   | 22.063  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 13.465 | 105  | 213138   | 20.932  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.594 | 105  | 275791   | 22.258  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.706 | 119  | 233831   | 22.676  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.712 | 146  | 119952   | 20.616  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 13.794 | 146  | 125908   | 21.501  | ug/l   | 99       |
| 85) n-Butylbenzene            | 14.035 | 91   | 217503   | 23.118  | ug/l   | 97       |
| 86) Hexachloroethane          | 14.306 | 117  | 41372    | 21.196  | ug/l   | 86       |
| 87) 1,2-Dichlorobenzene       | 14.088 | 146  | 117040   | 21.333  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 21197    | 20.996  | ug/l   | 96       |
| 89) 1,2,4-Trichlorobenzene    | 15.812 | 180  | 71387    | 22.999  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 15.476 | 225  | 30129    | 32.711  | ug/l   | 96       |
| 91) Naphthalene               | 15.617 | 128  | 251907   | 20.621  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.812 | 180  | 71387    | 22.999  | ug/l   | 99       |

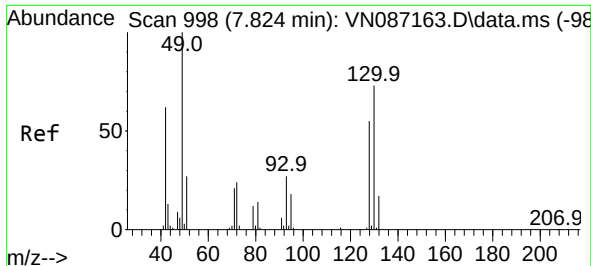
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN087354.D  
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Operator : JC\MD  
Sample : VN0718WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

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QLast Update : Wed Jun 25 10:49:56 2025  
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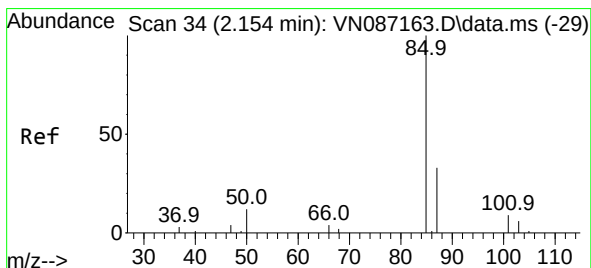
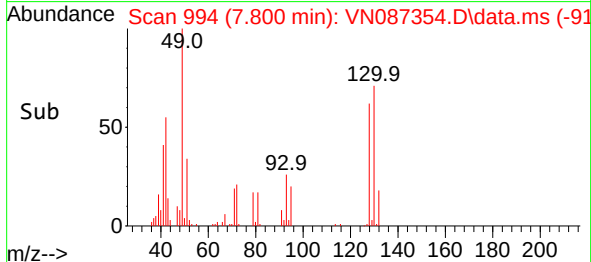
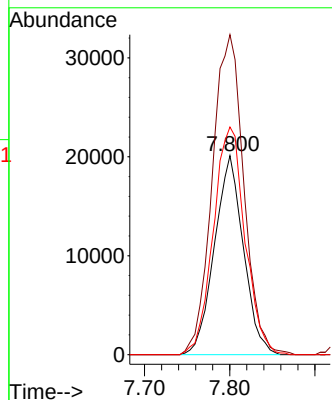
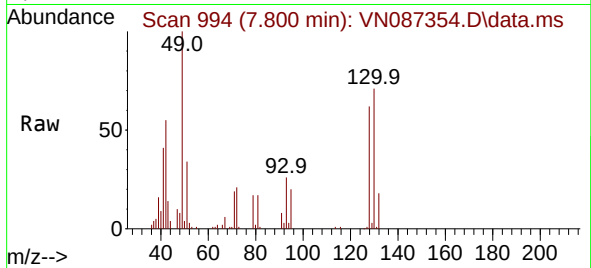




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.800 min Scan# 91  
Delta R.T. -0.024 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

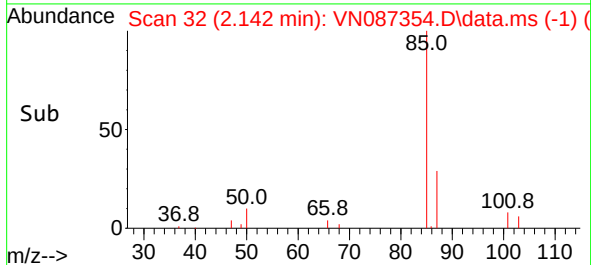
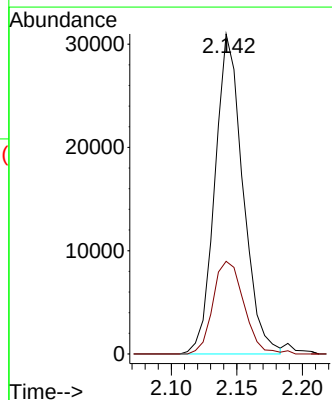
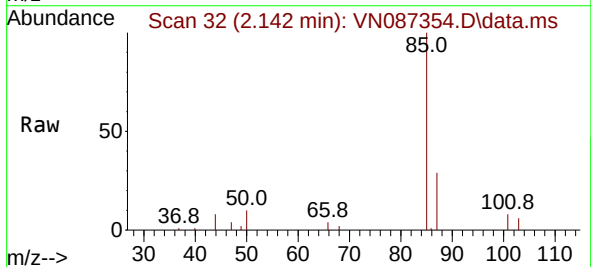
Instrument :  
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VN0718WBS01

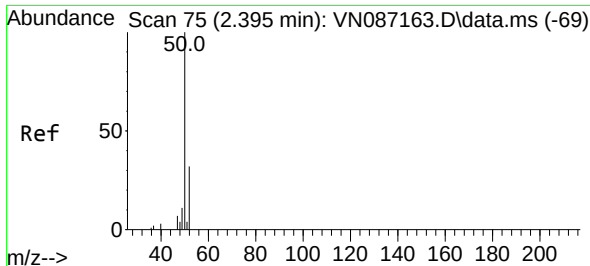
Tgt Ion:128 Resp: 47522  
Ion Ratio Lower Upper  
128 100  
49 175.4 0.0 450.5  
130 125.3 0.0 320.7



#2  
Dichlorodifluoromethane  
Concen: 16.094 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. -0.012 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 85 Resp: 46040  
Ion Ratio Lower Upper  
85 100  
87 29.0 16.7 50.0

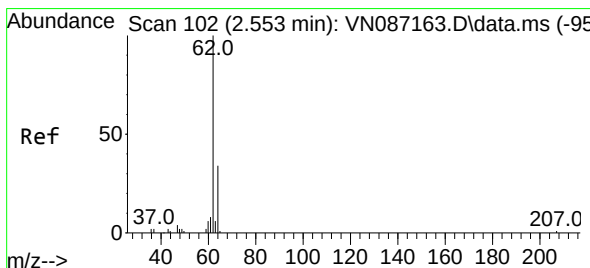
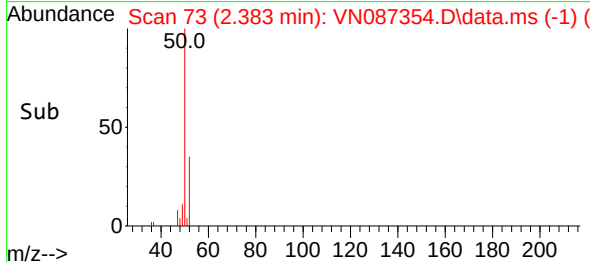
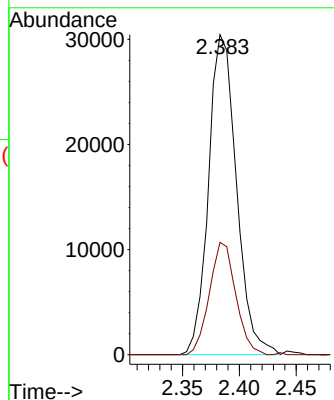
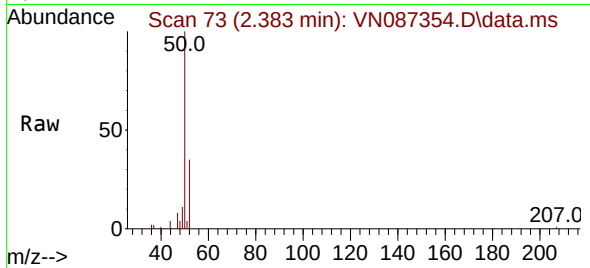




#3  
Chloromethane  
Concen: 17.851 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

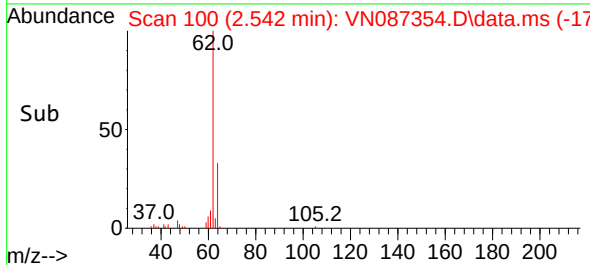
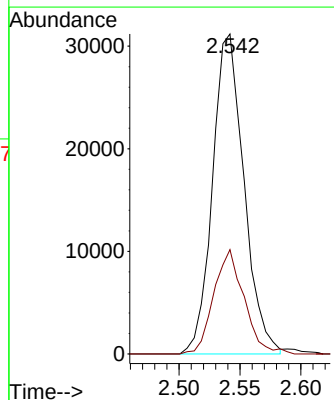
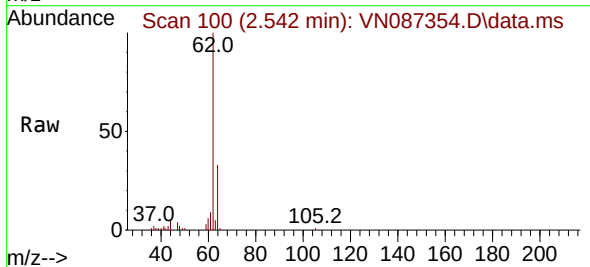
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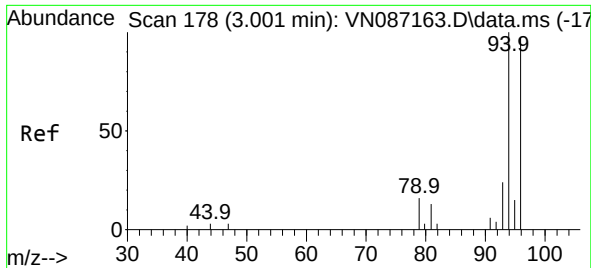
Tgt Ion: 50 Resp: 52156  
Ion Ratio Lower Upper  
50 100  
52 35.1 25.9 38.9



#4  
Vinyl Chloride  
Concen: 17.632 ug/l  
RT: 2.542 min Scan# 100  
Delta R.T. -0.012 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 62 Resp: 55991  
Ion Ratio Lower Upper  
62 100  
64 32.6 27.4 41.2

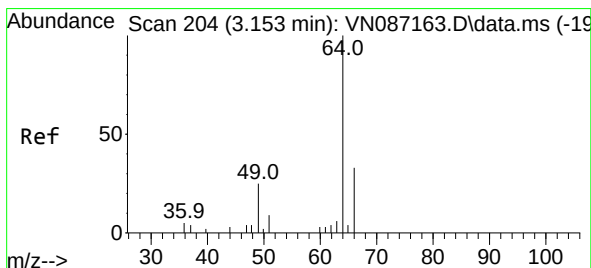
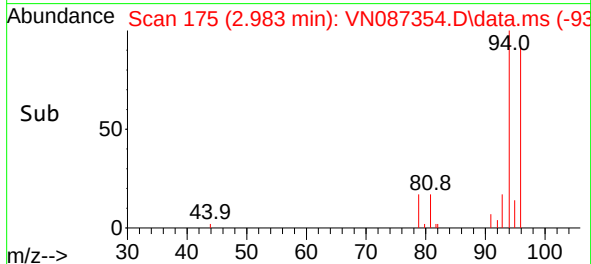
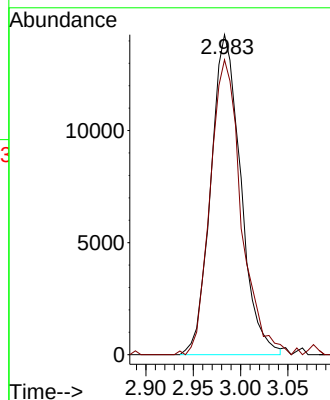
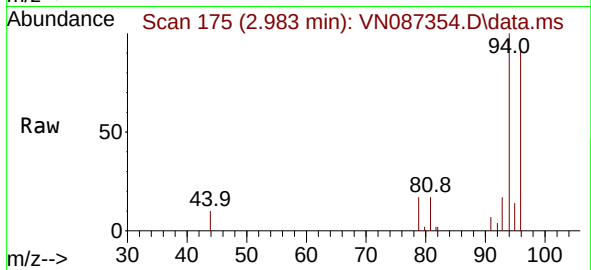




#5  
Bromomethane  
Concen: 18.613 ug/l  
RT: 2.983 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

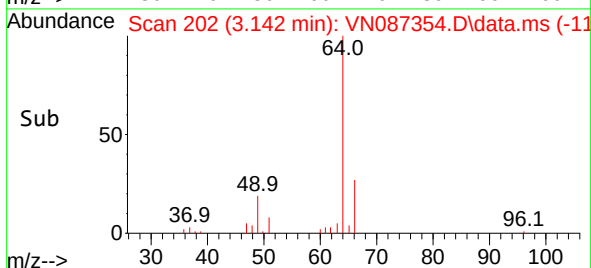
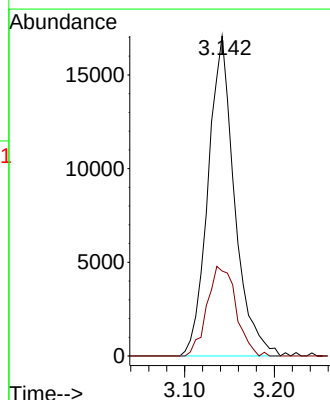
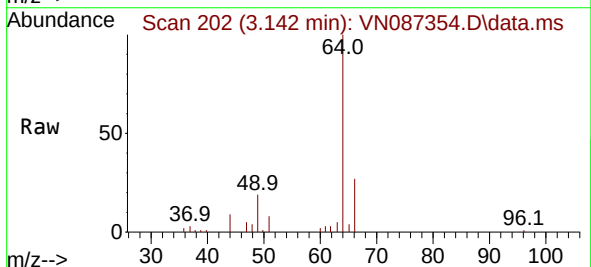
Instrument :  
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VN0718WBS01

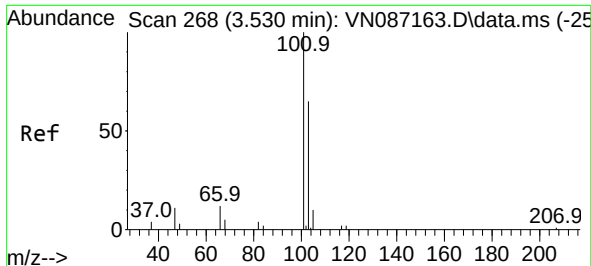
Tgt Ion: 94 Resp: 31368  
Ion Ratio Lower Upper  
94 100  
96 91.0 77.9 116.9



#6  
Chloroethane  
Concen: 20.559 ug/l  
RT: 3.142 min Scan# 202  
Delta R.T. -0.012 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 64 Resp: 35021  
Ion Ratio Lower Upper  
64 100  
66 26.5 26.4 39.6

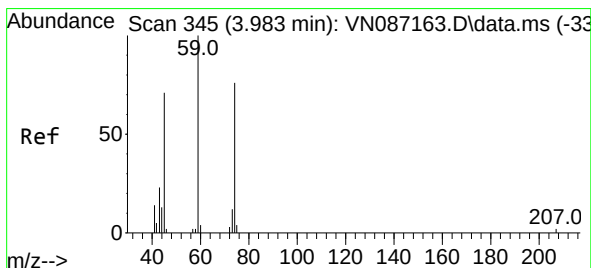
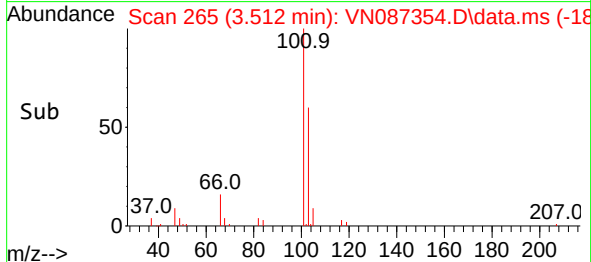
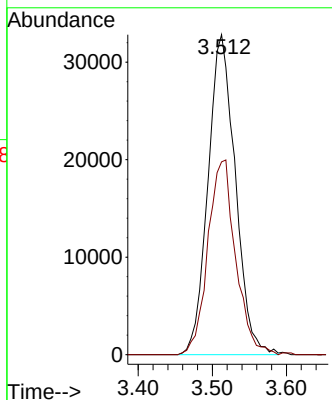
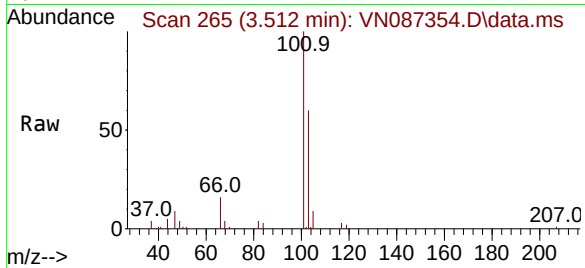




#7  
 Trichlorofluoromethane  
 Concen: 21.581 ug/l  
 RT: 3.512 min Scan# 2  
 Delta R.T. -0.018 min  
 Lab File: VN087354.D  
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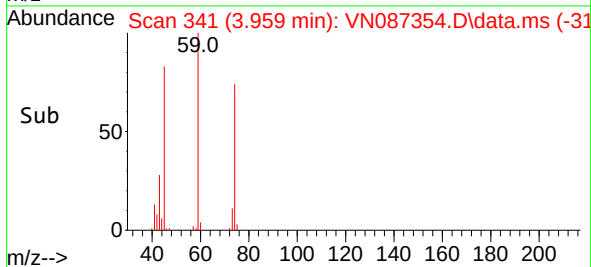
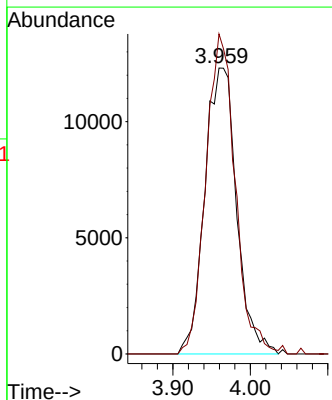
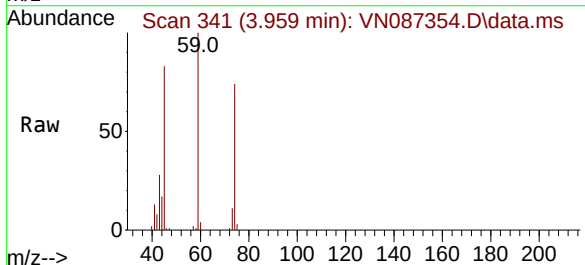
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0718WBS01

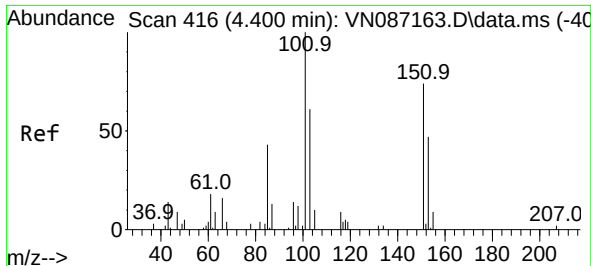
Tgt Ion:101 Resp: 84060  
 Ion Ratio Lower Upper  
 101 100  
 103 60.3 51.8 77.8



#8  
 Diethyl Ether  
 Concen: 18.405 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.023 min  
 Lab File: VN087354.D  
 Acq: 18 Jul 2025 09:49

Tgt Ion: 74 Resp: 35222  
 Ion Ratio Lower Upper  
 74 100  
 45 100.8 19.0 171.0

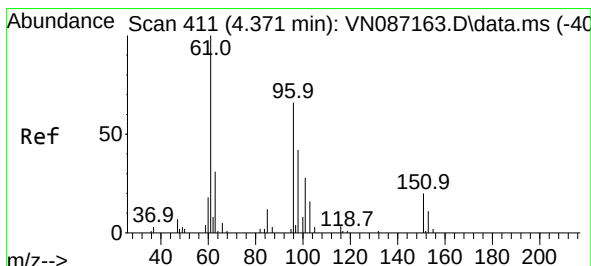
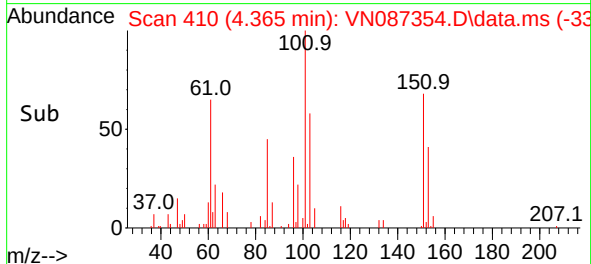
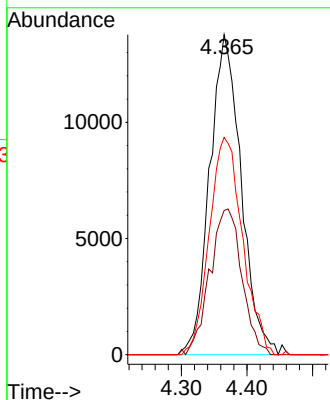
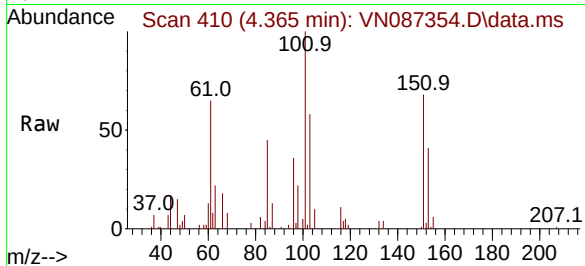




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 15.862 ug/l  
RT: 4.365 min Scan# 41  
Delta R.T. -0.035 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

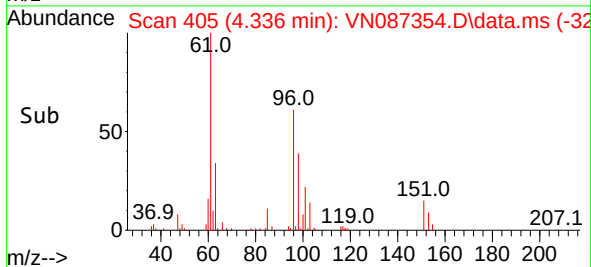
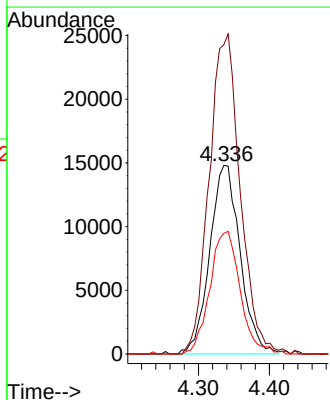
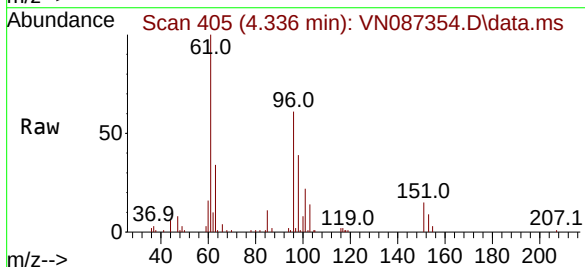
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

Tgt Ion:101 Resp: 45806  
Ion Ratio Lower Upper  
101 100  
85 46.3 0.0 40.6#  
151 71.7 0.0 141.2

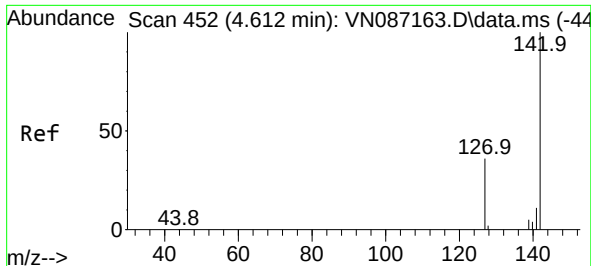


#10  
1,1-Dichloroethene  
Concen: 15.288 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.035 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 96 Resp: 44010  
Ion Ratio Lower Upper  
96 100  
61 164.1 122.0 183.0  
98 64.0 50.3 75.5



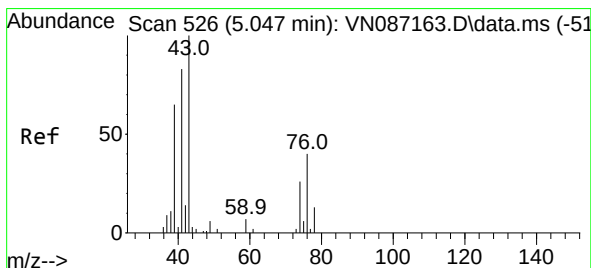
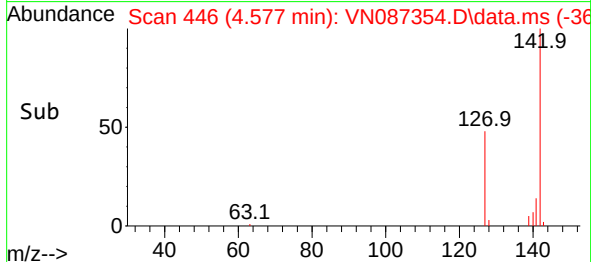
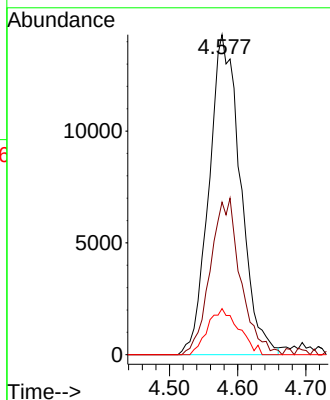
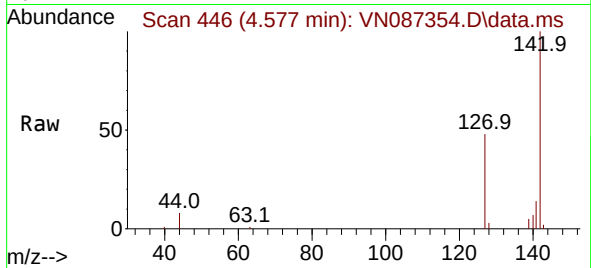




#11  
Methyl Iodide  
Concen: 17.822 ug/l  
RT: 4.577 min Scan# 44  
Delta R.T. -0.035 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

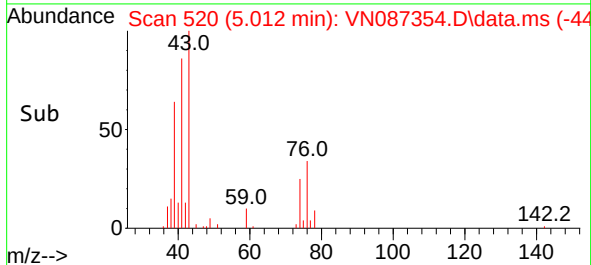
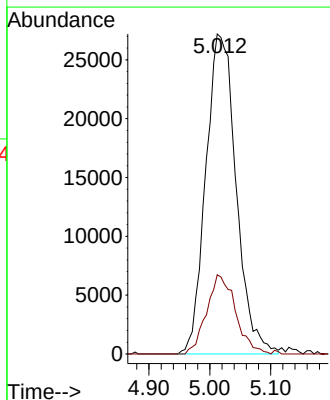
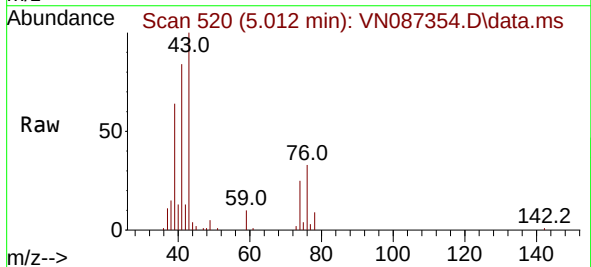
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

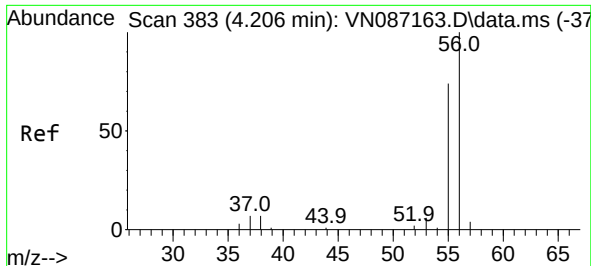
Tgt Ion:142 Resp: 45963  
Ion Ratio Lower Upper  
142 100  
127 47.5 18.1 54.1  
141 14.6 5.7 17.1



#12  
Methyl Acetate  
Concen: 20.852 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. -0.035 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 43 Resp: 94157  
Ion Ratio Lower Upper  
43 100  
74 24.5 20.3 30.5

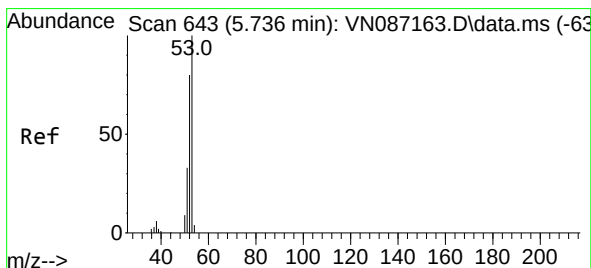
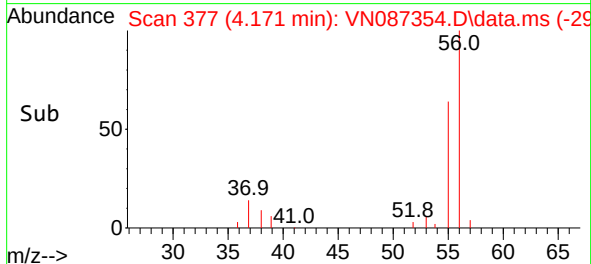
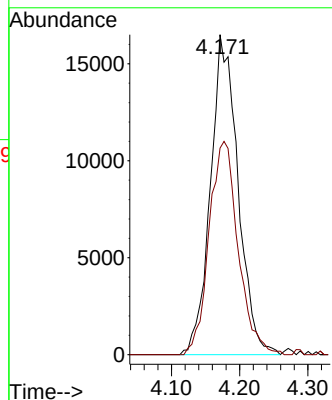
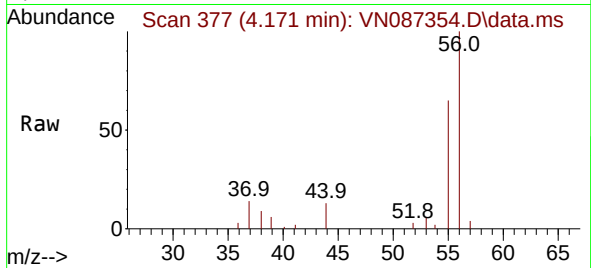




#13  
Acrolein  
Concen: 66.797 ug/l  
RT: 4.171 min Scan# 31  
Delta R.T. -0.035 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

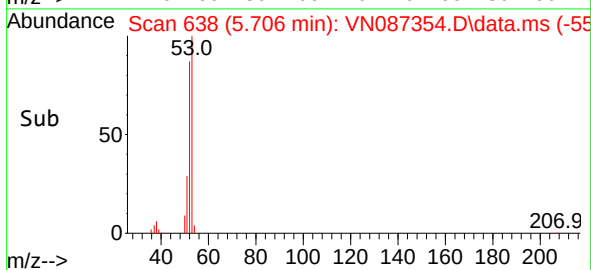
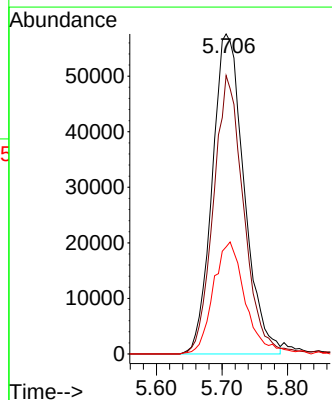
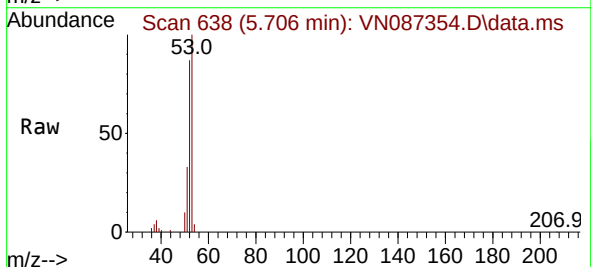
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

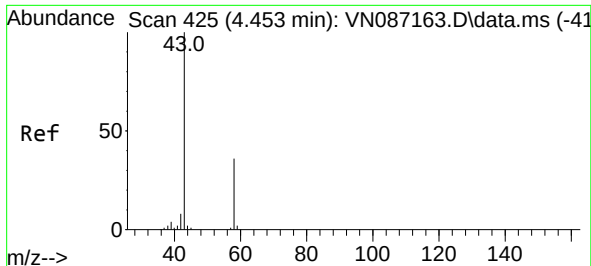
Tgt Ion: 56 Resp: 46346  
Ion Ratio Lower Upper  
56 100  
55 70.4 55.7 83.5



#14  
Acrylonitrile  
Concen: 92.295 ug/l  
RT: 5.706 min Scan# 638  
Delta R.T. -0.029 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 53 Resp: 194390  
Ion Ratio Lower Upper  
53 100  
52 82.6 40.5 121.5  
51 34.0 16.9 50.7

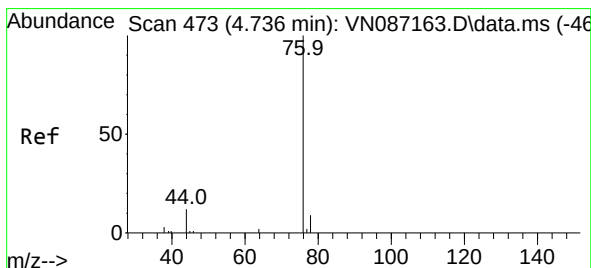
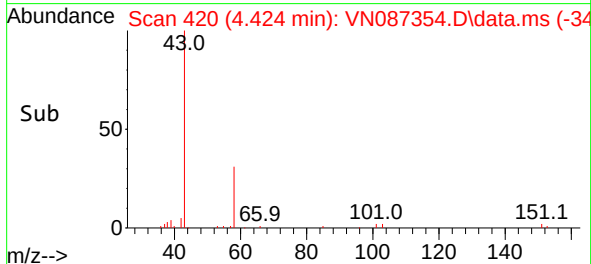
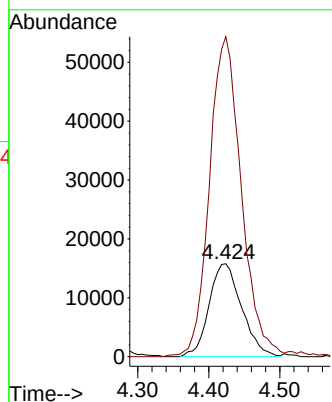
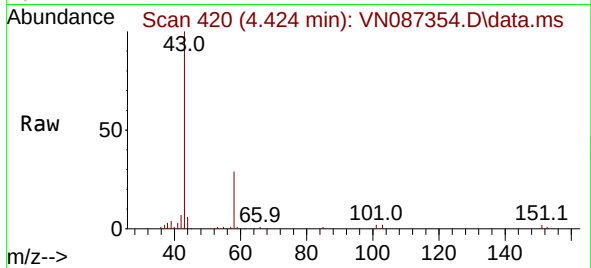




#15  
Acetone  
Concen: 81.828 ug/l  
RT: 4.424 min Scan# 41  
Delta R.T. -0.029 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

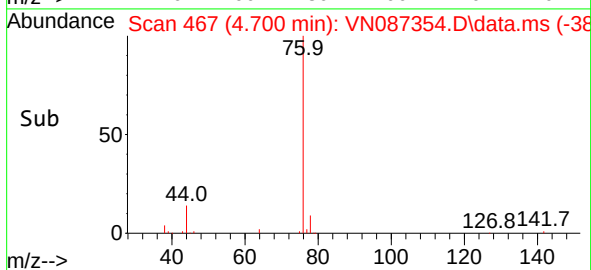
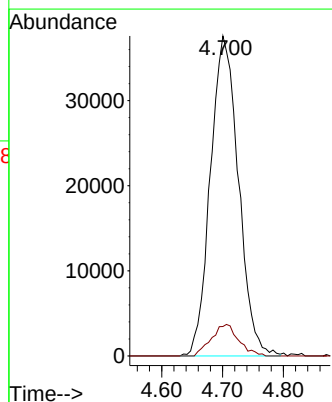
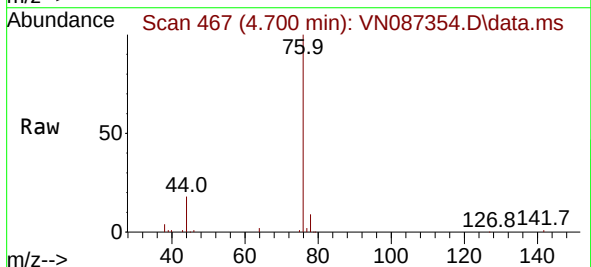
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

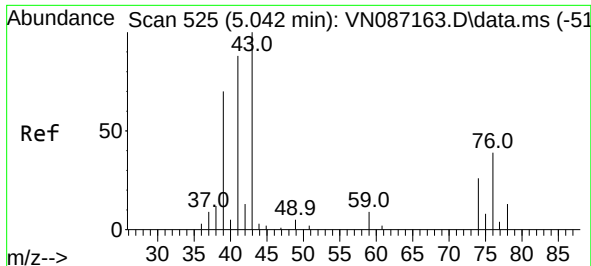
Tgt Ion: 58 Resp: 50273  
Ion Ratio Lower Upper  
58 100  
43 341.8 224.3 336.5#



#16  
Carbon Disulfide  
Concen: 14.301 ug/l  
RT: 4.700 min Scan# 467  
Delta R.T. -0.035 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 76 Resp: 120368  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.2 10.8





#17

Allyl chloride

Concen: 17.633 ug/l

RT: 5.006 min Scan# 51

Delta R.T. -0.035 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0718WBS01

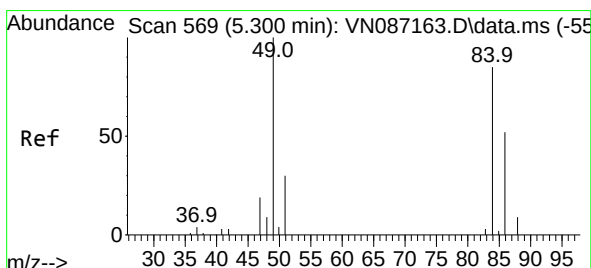
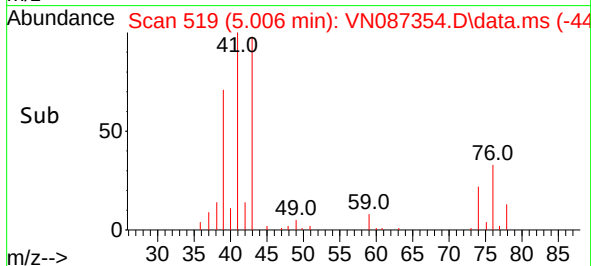
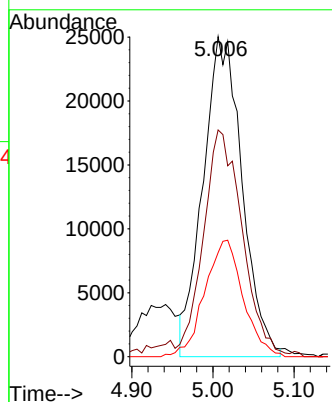
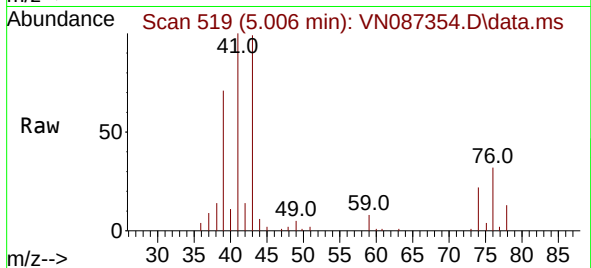
Tgt Ion: 41 Resp: 83723

Ion Ratio Lower Upper

41 100

39 70.7 36.0 108.0

76 32.2 19.5 58.5



#18

Methylene Chloride

Concen: 18.481 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.035 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

Tgt Ion: 84 Resp: 61633

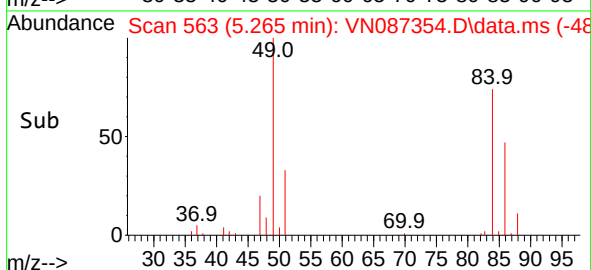
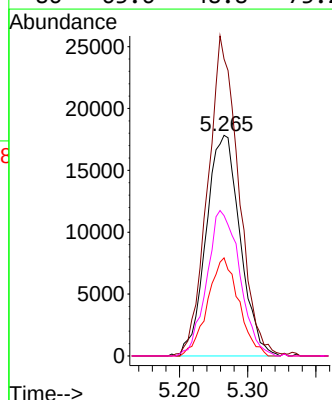
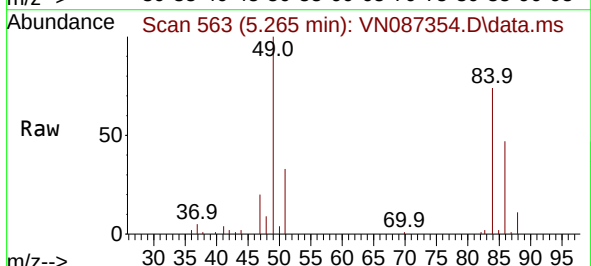
Ion Ratio Lower Upper

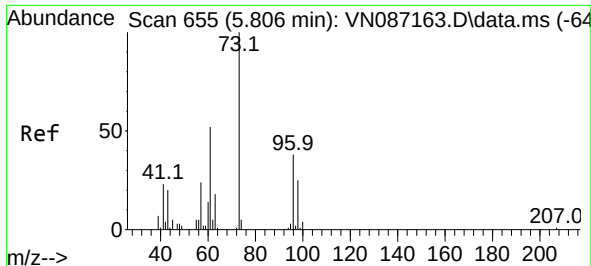
84 100

49 133.5 94.0 141.0

51 44.5 28.3 42.5#

86 63.6 48.8 73.2

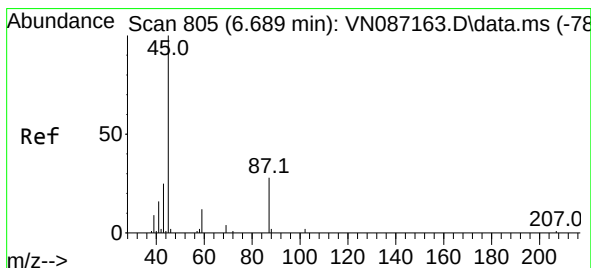
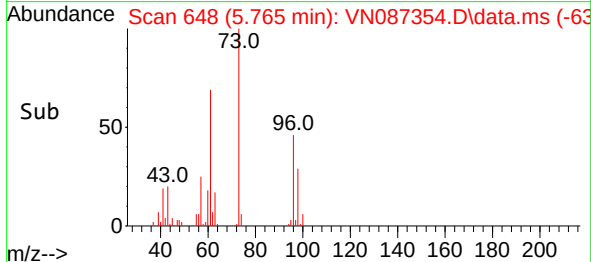
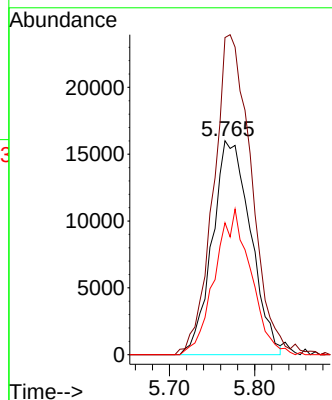
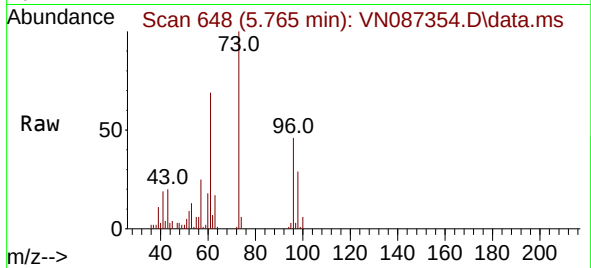




#19  
trans-1,2-Dichloroethene  
Concen: 15.887 ug/l  
RT: 5.765 min Scan# 64  
Delta R.T. -0.041 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

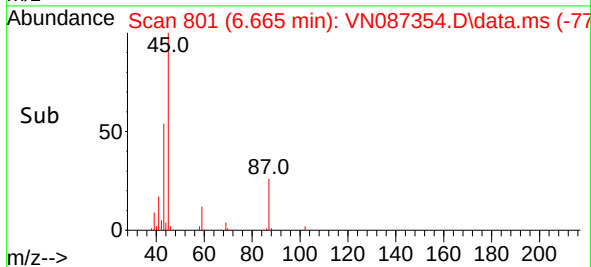
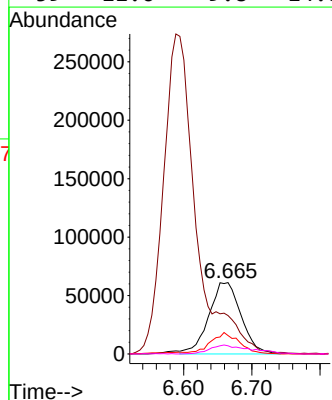
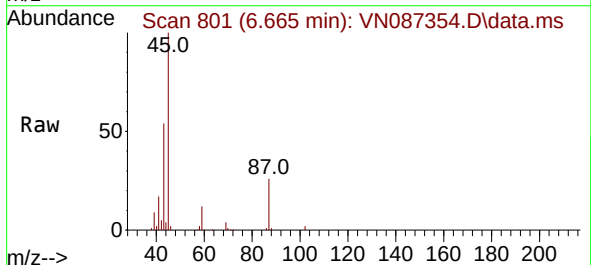
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

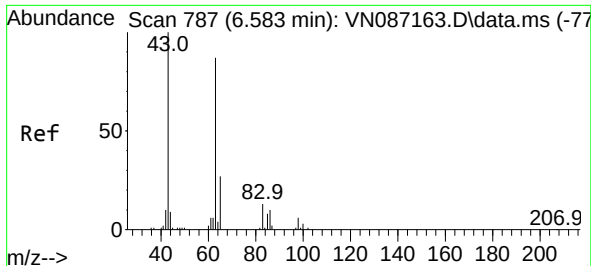
Tgt Ion: 96 Resp: 50015  
Ion Ratio Lower Upper  
96 100  
61 145.7 110.3 165.5  
98 61.6 51.6 77.4



#20  
Diisopropyl ether  
Concen: 19.919 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 45 Resp: 200651  
Ion Ratio Lower Upper  
45 100  
43 51.9 45.3 67.9  
87 26.0 22.6 33.8  
59 11.6 9.8 14.8





#21

1,1-Dichloroethane

Concen: 18.011 ug/l

RT: 6.553 min Scan# 71

Delta R.T. -0.029 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0718WBS01

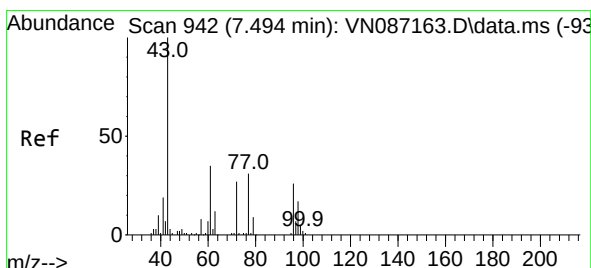
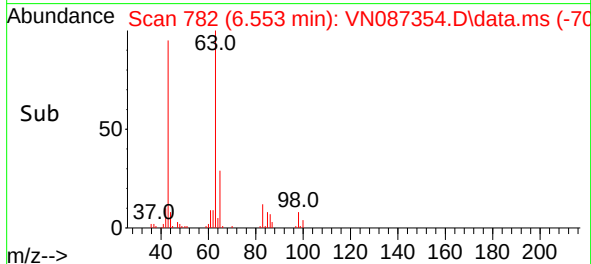
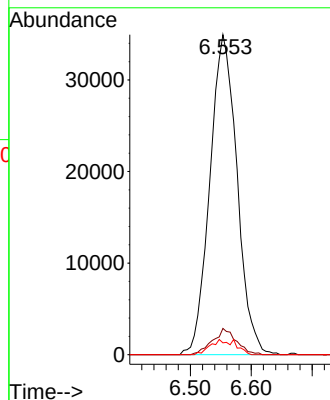
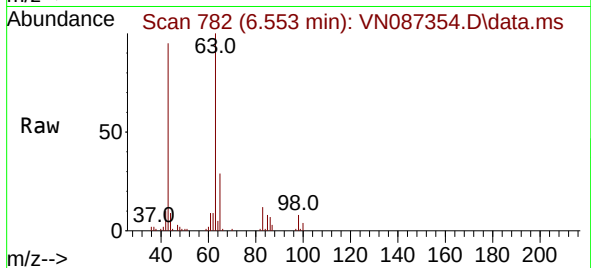
Tgt Ion: 63 Resp: 108440

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.4

100 3.7 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 18.014 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.023 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

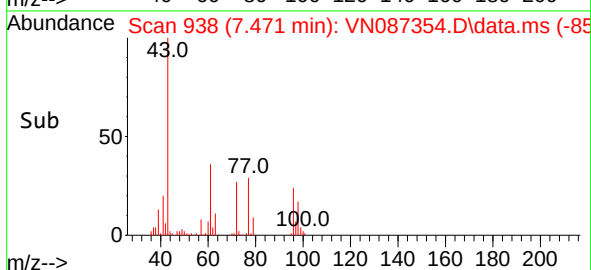
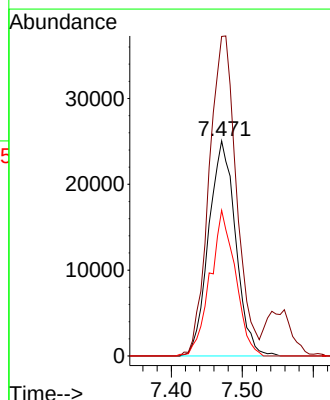
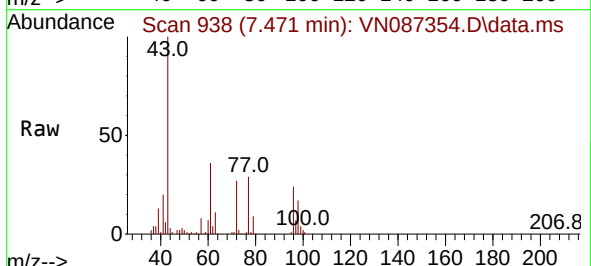
Tgt Ion: 96 Resp: 66003

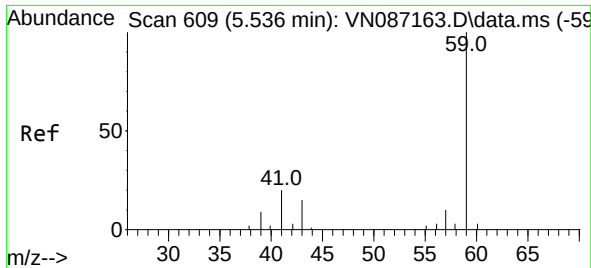
Ion Ratio Lower Upper

96 100

61 151.2 119.2 178.8

98 63.3 50.6 75.8

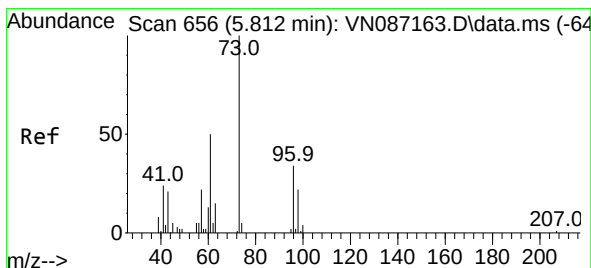
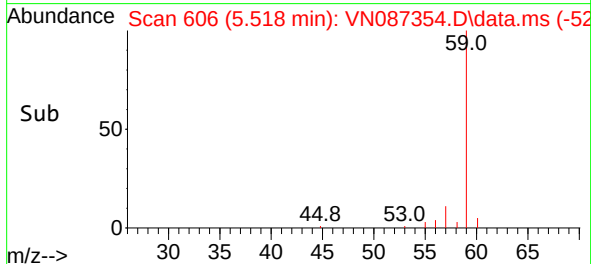
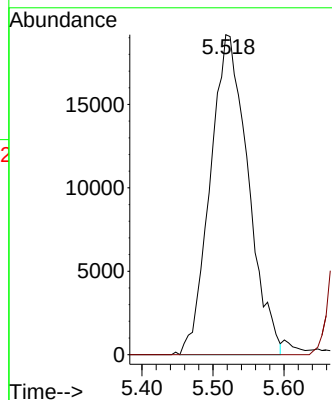
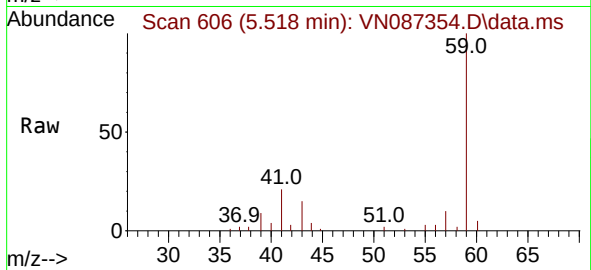




#23  
tert-Butyl Alcohol  
Concen: 89.457 ug/l  
RT: 5.518 min Scan# 609  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

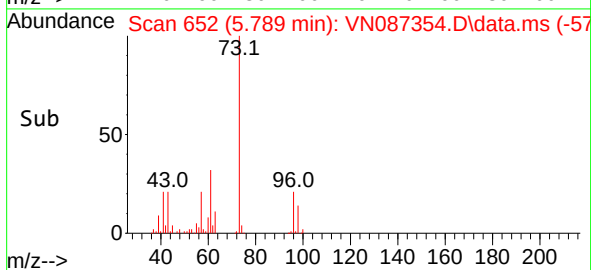
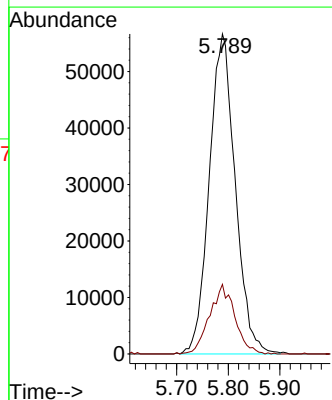
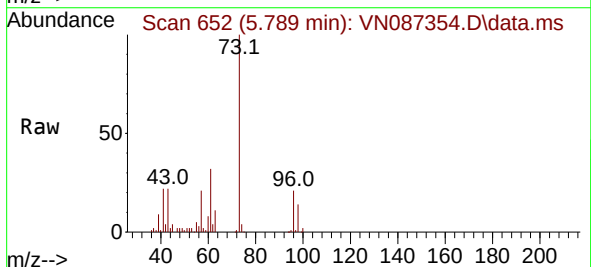
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

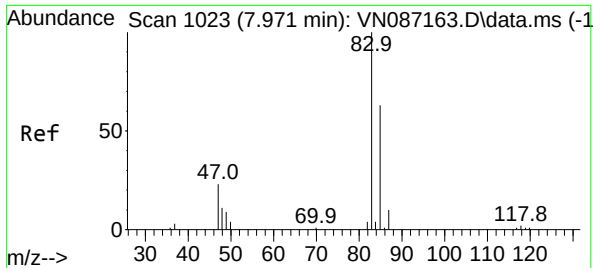
Tgt Ion: 59 Resp: 70858  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 19.572 ug/l  
RT: 5.789 min Scan# 652  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 73 Resp: 197607  
Ion Ratio Lower Upper  
73 100  
43 13.5 16.4 24.6#





#25

Chloroform

Concen: 19.558 ug/l

RT: 7.953 min Scan# 1

Delta R.T. -0.018 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

Instrument :

MSVOA\_N

ClientSampleId :

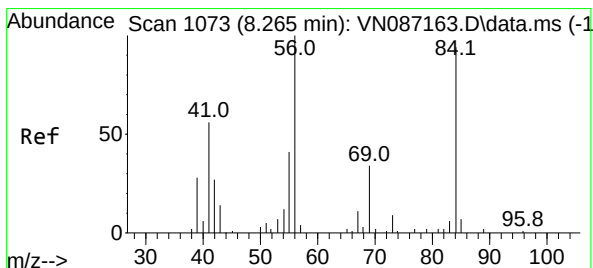
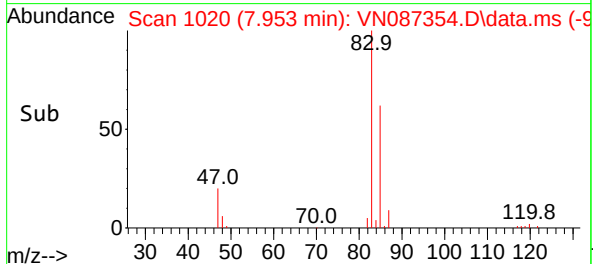
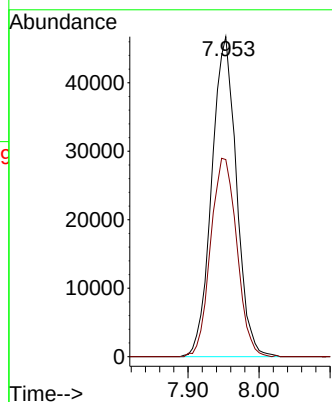
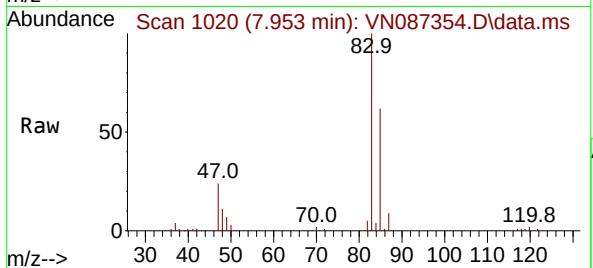
VN0718WBS01

Tgt Ion: 83 Resp: 112809

Ion Ratio Lower Upper

83 100

85 61.6 50.7 76.1



#26

Cyclohexane

Concen: 16.510 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.023 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

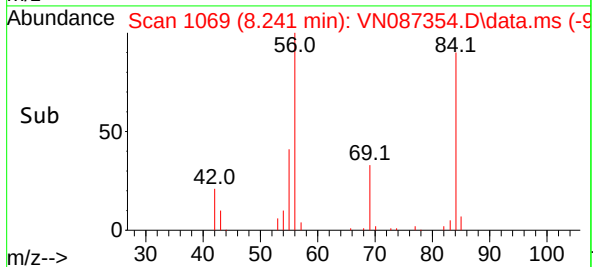
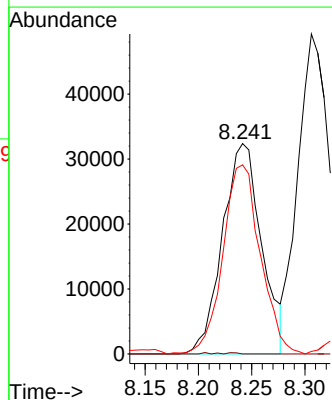
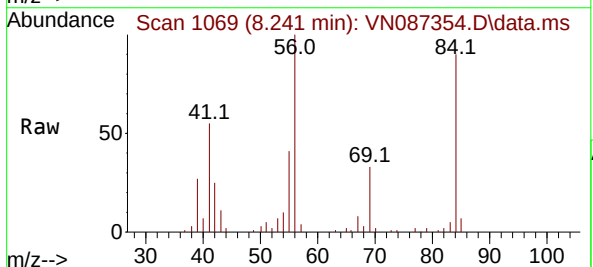
Tgt Ion: 56 Resp: 82625

Ion Ratio Lower Upper

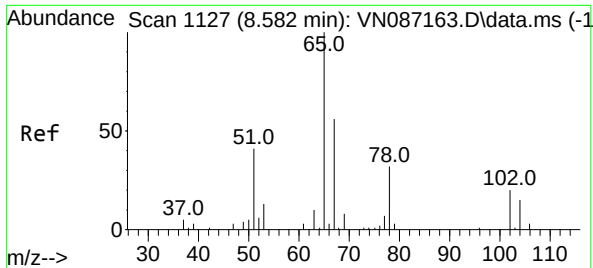
56 100

89 0.2 6.9 10.3#

84 85.8 69.1 103.7



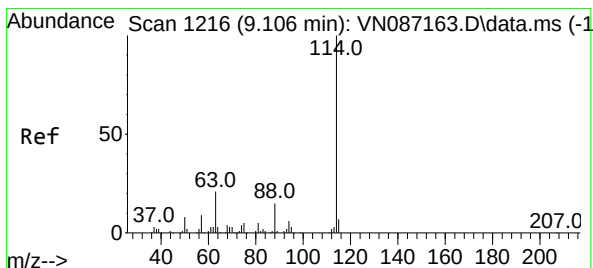
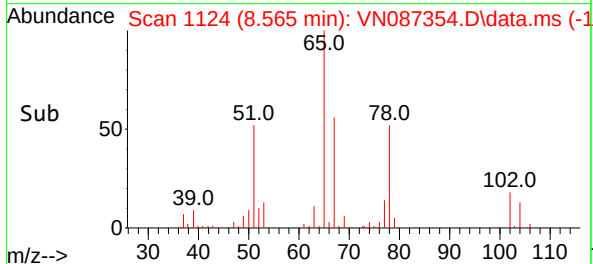
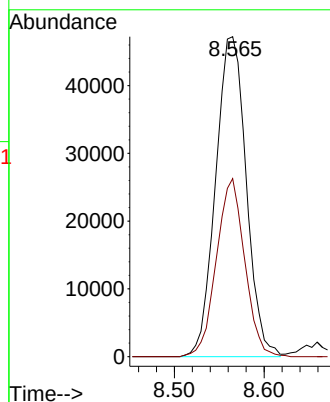
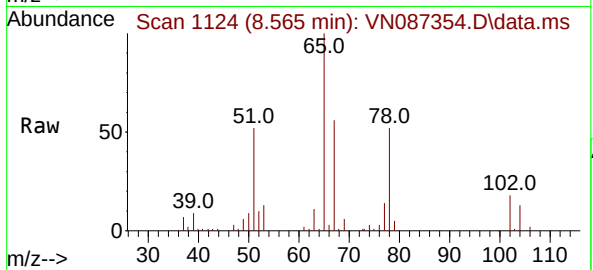




#27  
 1,2-Dichloroethane-d4  
 Concen: 31.258 ug/l  
 RT: 8.565 min Scan# 1124  
 Delta R.T. -0.018 min  
 Lab File: VN087354.D  
 Acq: 18 Jul 2025 09:49

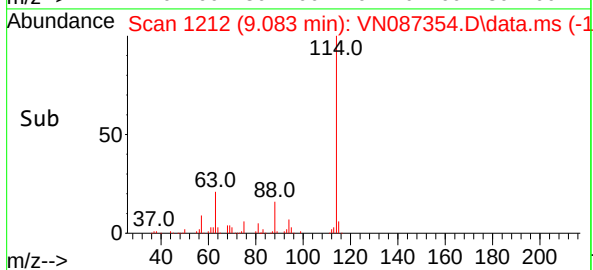
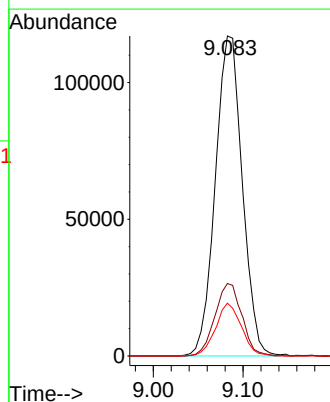
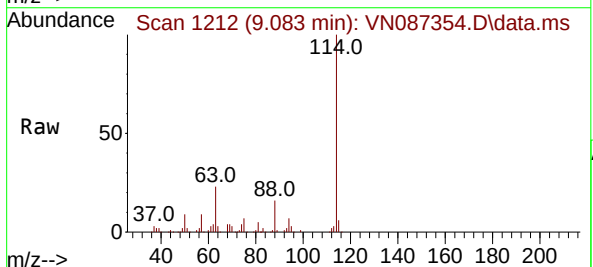
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0718WBS01

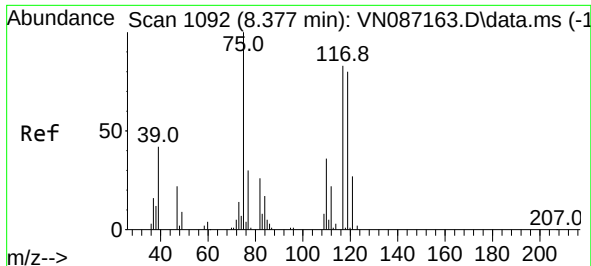
Tgt Ion: 65 Resp: 111922  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 41.9 62.9



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 9.083 min Scan# 1212  
 Delta R.T. -0.023 min  
 Lab File: VN087354.D  
 Acq: 18 Jul 2025 09:49

Tgt Ion: 114 Resp: 244435  
 Ion Ratio Lower Upper  
 114 100  
 63 22.6 17.0 25.4  
 88 15.7 12.6 19.0

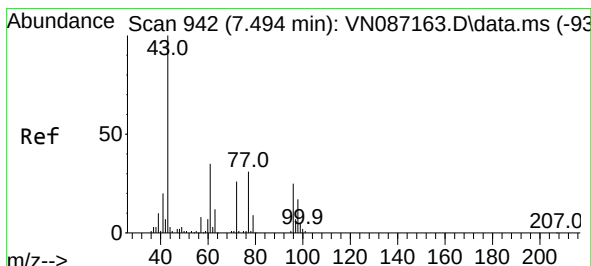
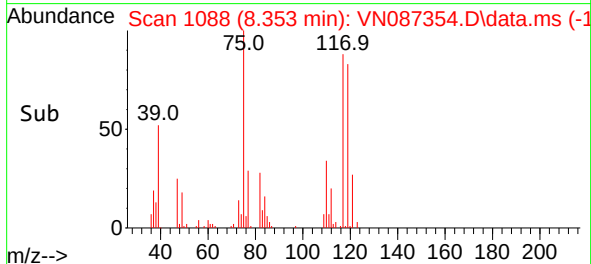
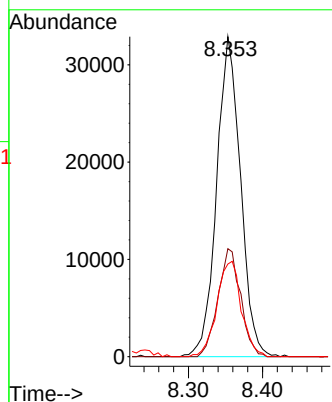
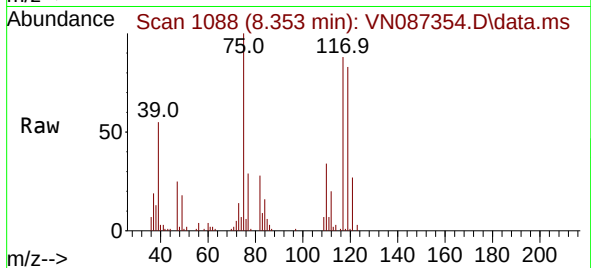




#29  
1,1-Dichloropropene  
Concen: 19.322 ug/l  
RT: 8.353 min Scan# 1088  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

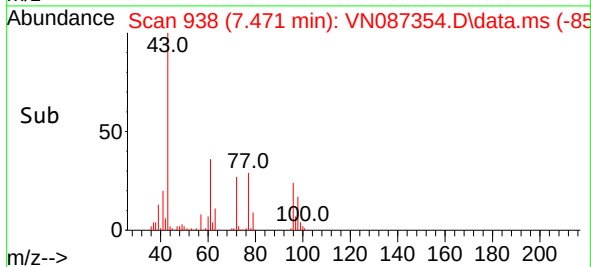
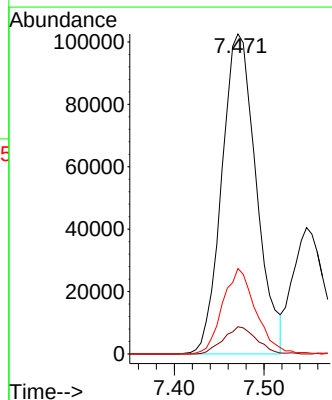
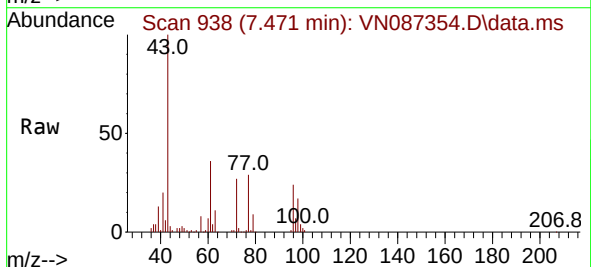
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

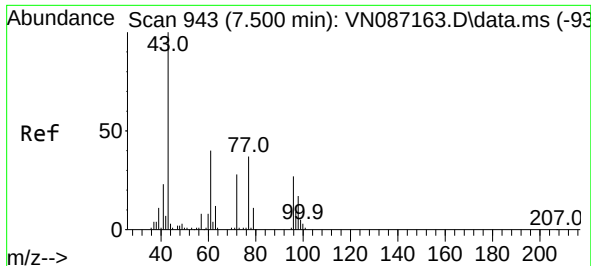
Tgt Ion: 75 Resp: 73612  
Ion Ratio Lower Upper  
75 100  
110 32.0 0.0 69.2  
77 30.7 0.0 61.8



#30  
2-Butanone  
Concen: 106.594 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 43 Resp: 273944  
Ion Ratio Lower Upper  
43 100  
57 8.1 6.3 9.5  
72 25.5 21.8 32.6

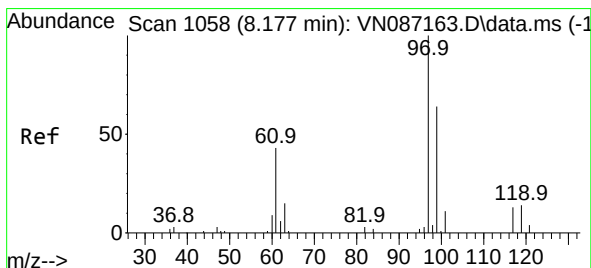
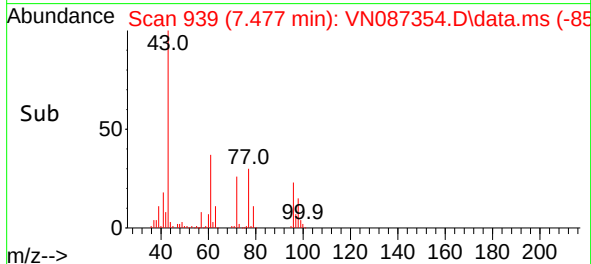
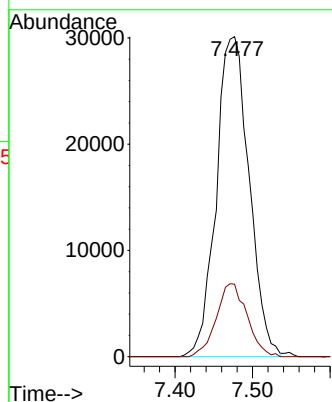
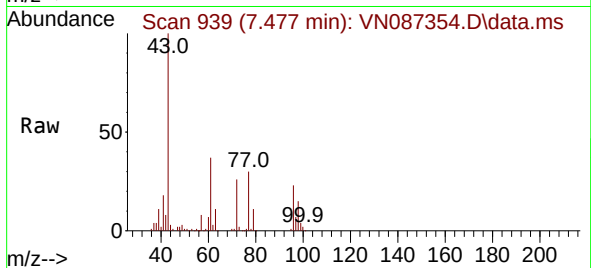




#31  
2,2-Dichloropropane  
Concen: 19.292 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

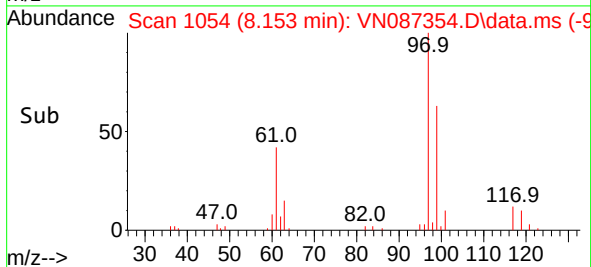
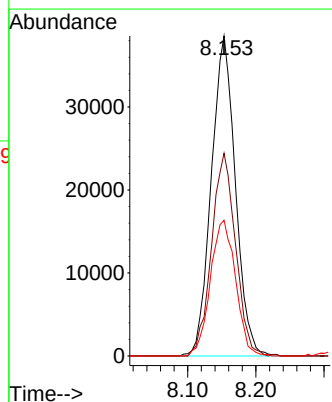
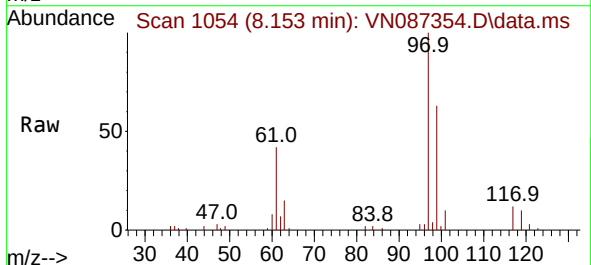
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

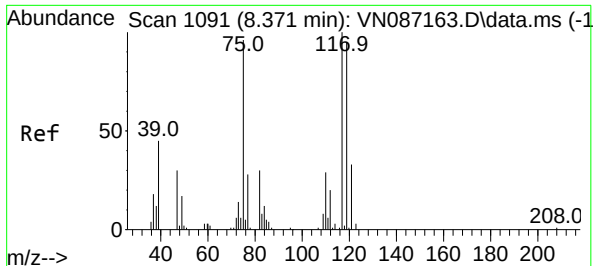
Tgt Ion: 77 Resp: 88722  
Ion Ratio Lower Upper  
77 100  
97 21.4 18.4 27.6



#32  
1,1,1-Trichloroethane  
Concen: 21.291 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 97 Resp: 94766  
Ion Ratio Lower Upper  
97 100  
99 63.1 50.8 76.2  
61 44.3 36.1 54.1

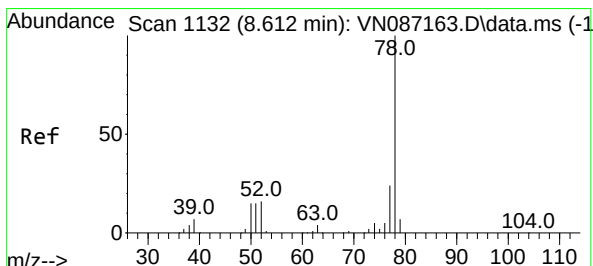
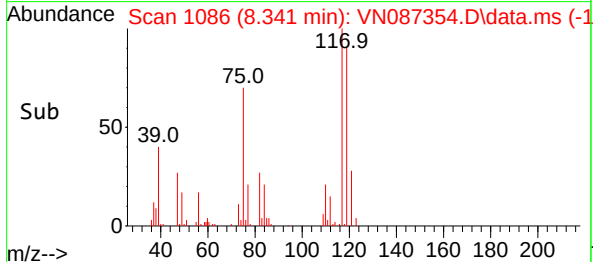
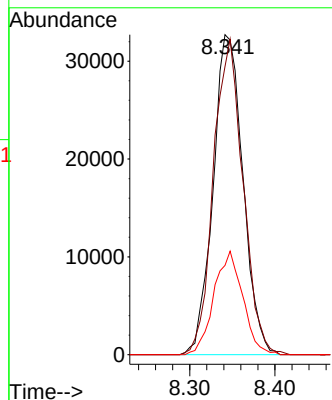
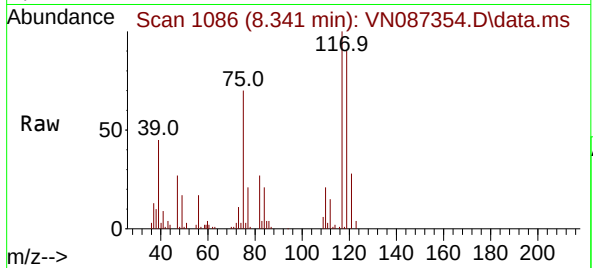




#33  
Carbon Tetrachloride  
Concen: 21.324 ug/l  
RT: 8.341 min Scan# 1086  
Delta R.T. -0.029 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

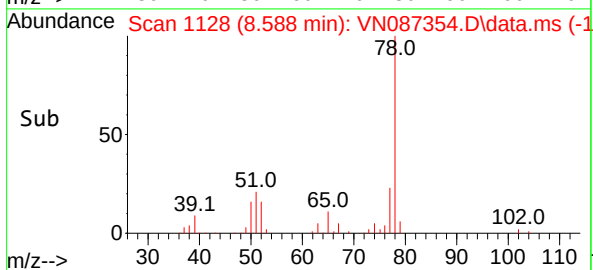
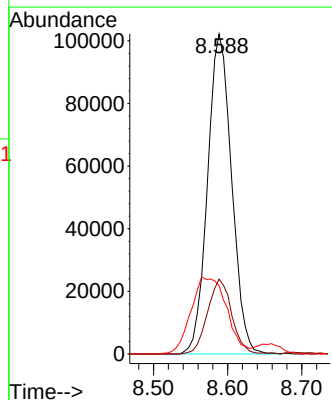
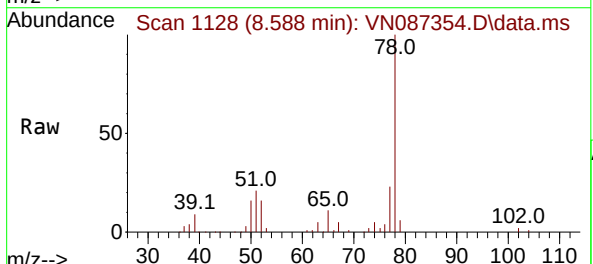
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

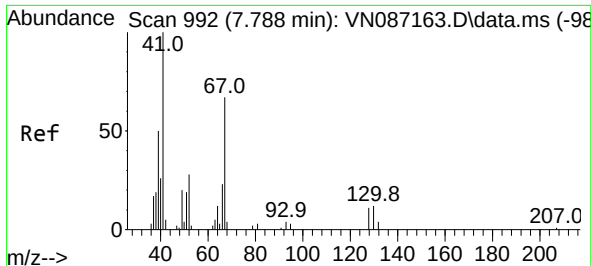
Tgt Ion:117 Resp: 79873  
Ion Ratio Lower Upper  
117 100  
119 90.0 75.8 113.6  
121 27.9 26.2 39.4



#34  
Benzene  
Concen: 19.101 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 78 Resp: 230543  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.5 29.3  
51 19.0 14.8 22.2

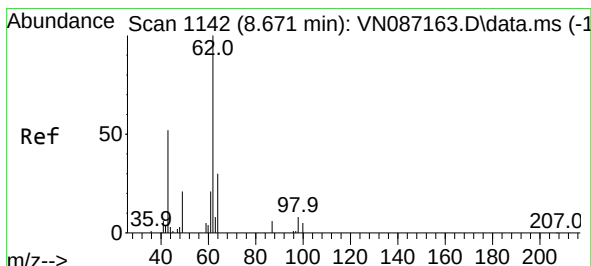
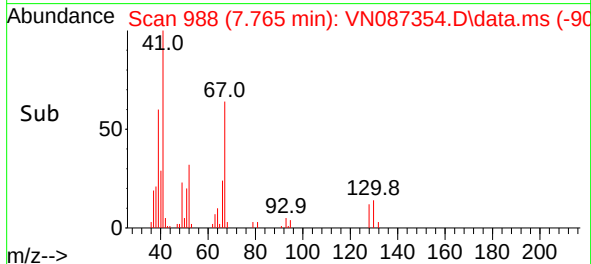
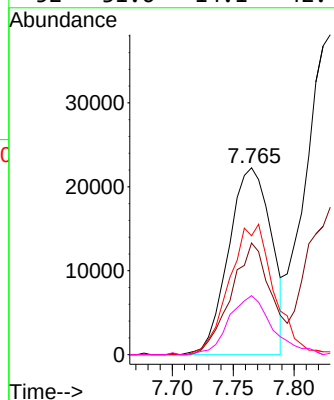
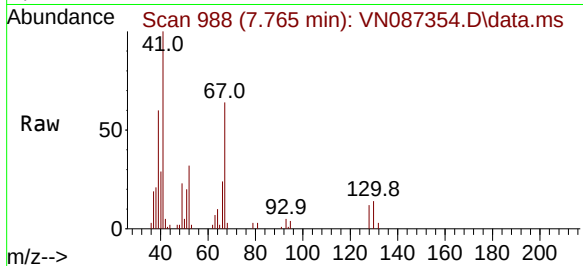




#35  
Methacrylonitrile  
Concen: 20.992 ug/l  
RT: 7.765 min Scan# 91  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

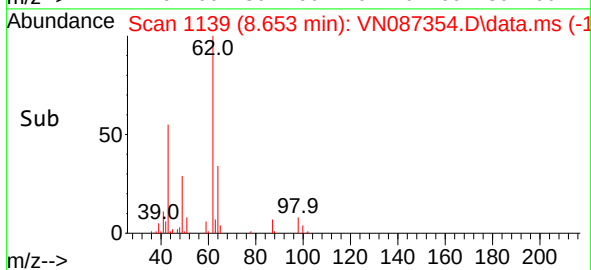
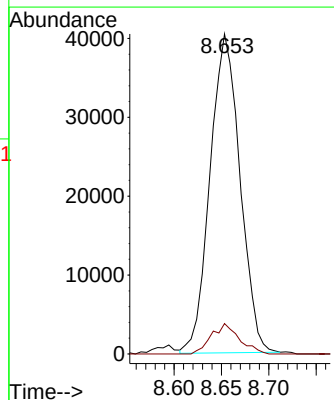
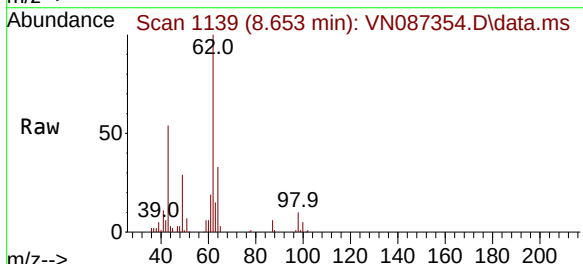
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

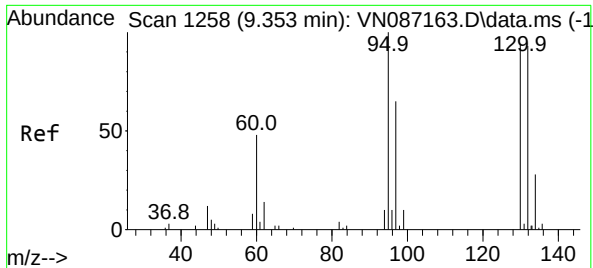
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 54370 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 59.7  | 24.4  | 73.2  |
| 67        | 63.6  | 33.3  | 99.8  |
| 52        | 31.6  | 14.1  | 42.4  |



#36  
1,2-Dichloroethane  
Concen: 22.847 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 89095 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 8.9   | 7.2   | 10.8  |

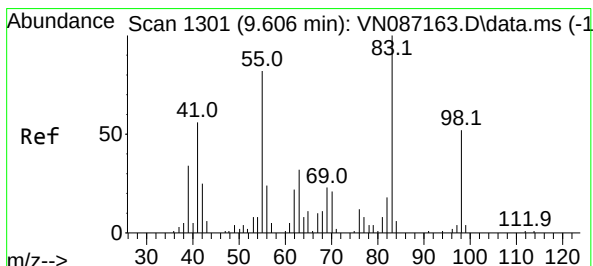
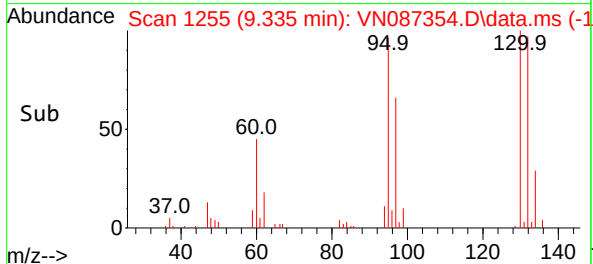
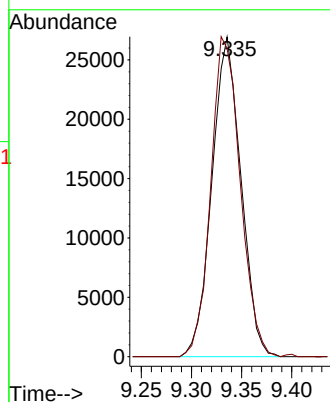
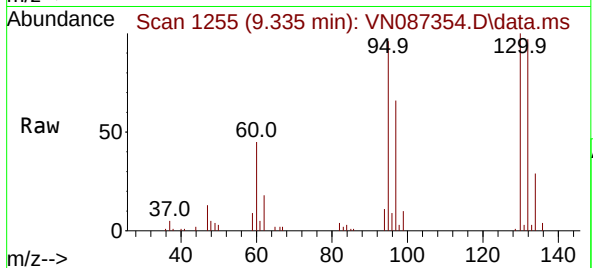




#37  
Trichloroethene  
Concen: 19.476 ug/l  
RT: 9.335 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

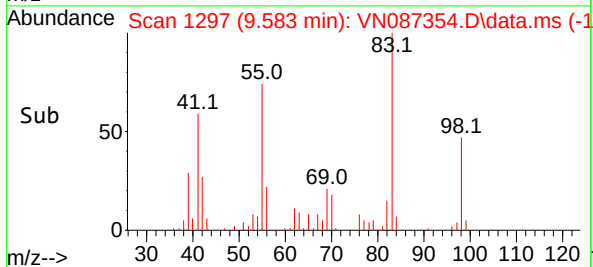
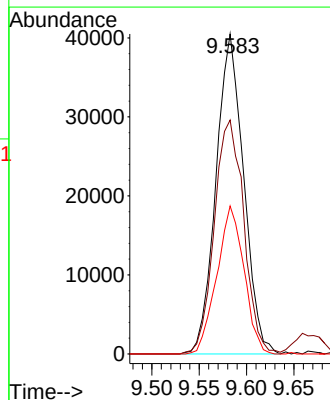
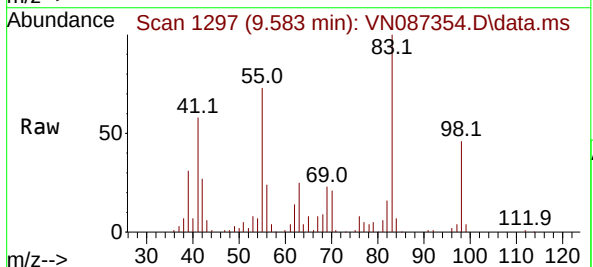
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ClientSampleId :  
VN0718WBS01

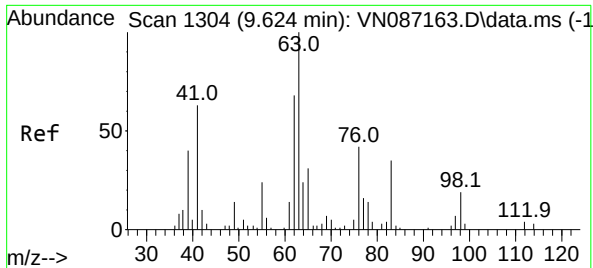
Tgt Ion:130 Resp: 54222  
Ion Ratio Lower Upper  
130 100  
95 96.5 85.3 127.9



#38  
Methylcyclohexane  
Concen: 18.822 ug/l  
RT: 9.583 min Scan# 1297  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 83 Resp: 82279  
Ion Ratio Lower Upper  
83 100  
55 77.9 40.1 120.2  
98 45.4 24.4 73.2





#39

1,2-Dichloropropane

Concen: 20.380 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.023 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

Instrument :

MSVOA\_N

ClientSampleId :

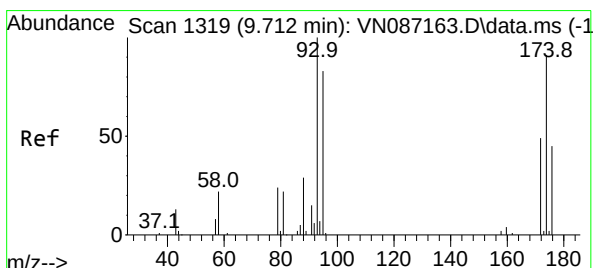
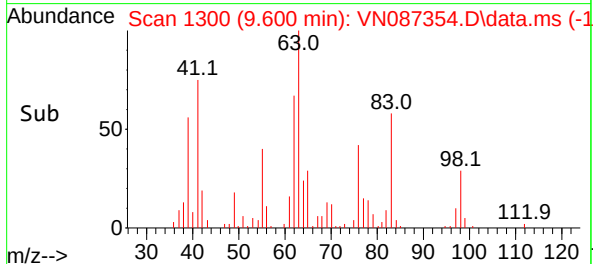
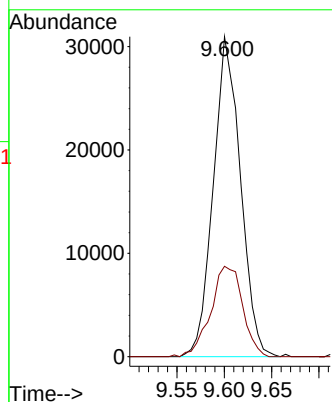
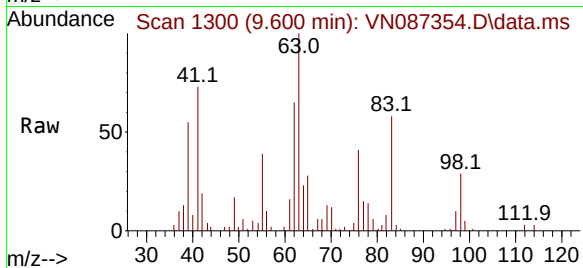
VN0718WBS01

Tgt Ion: 63 Resp: 61741

Ion Ratio Lower Upper

63 100

65 28.2 24.6 36.8



#40

Dibromomethane

Concen: 21.678 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.023 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

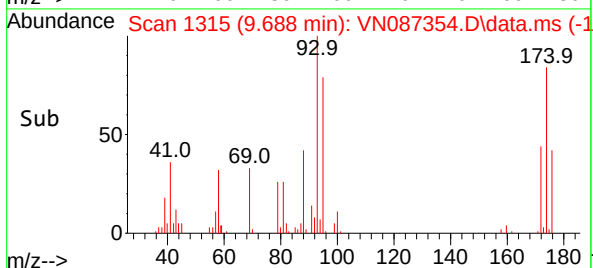
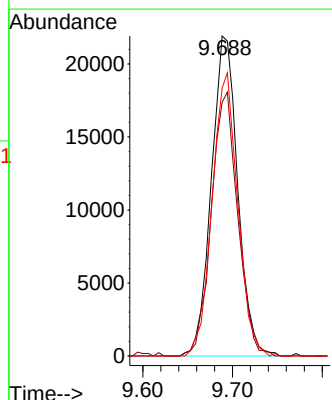
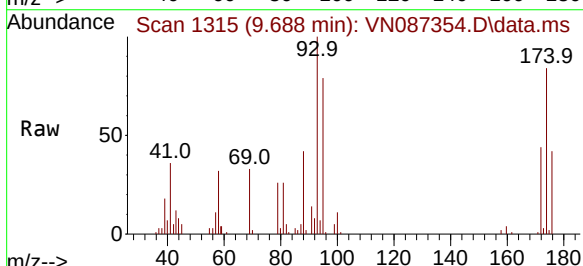
Tgt Ion: 93 Resp: 44656

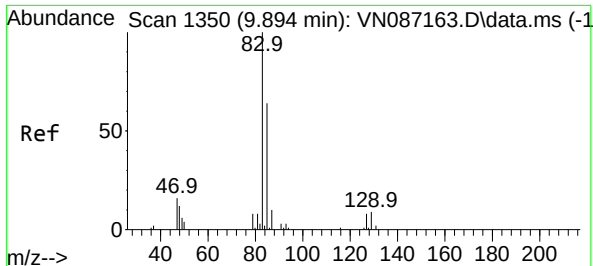
Ion Ratio Lower Upper

93 100

95 82.2 0.0 170.8

174 86.0 0.0 176.6

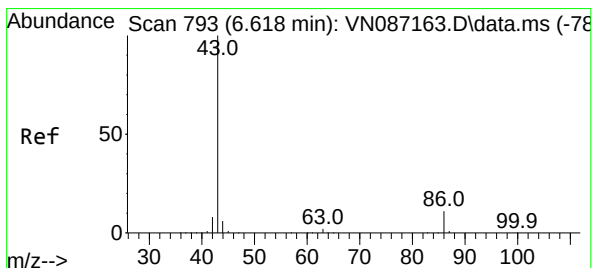
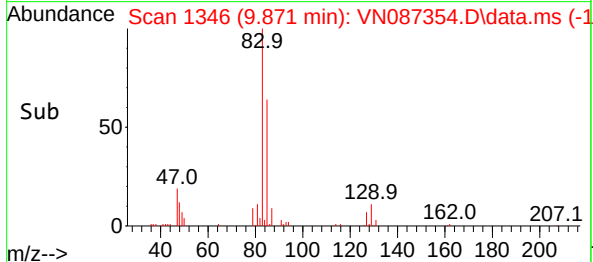
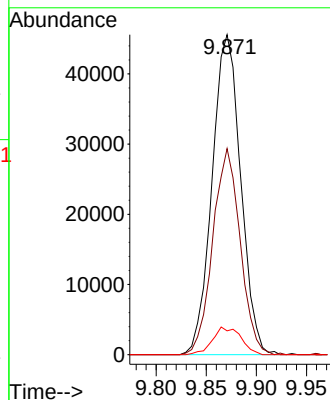
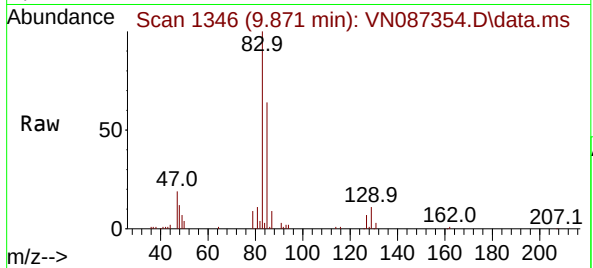




#41  
Bromodichloromethane  
Concen: 21.751 ug/l  
RT: 9.871 min Scan# 11  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

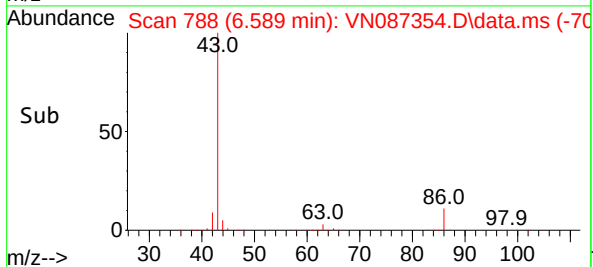
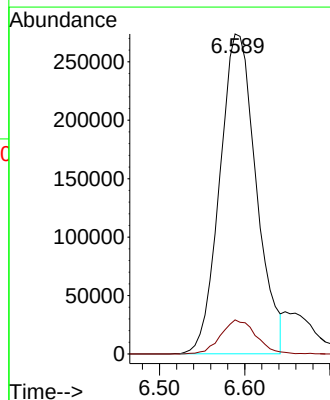
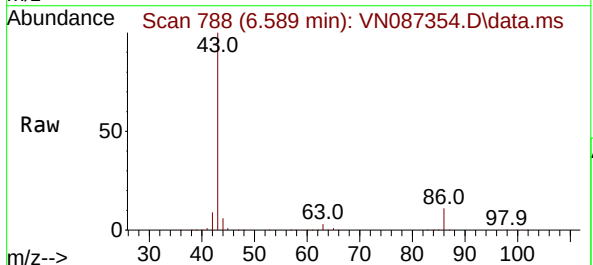
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

Tgt Ion: 83 Resp: 90440  
Ion Ratio Lower Upper  
83 100  
85 64.4 51.4 77.2  
127 7.4 6.1 9.1

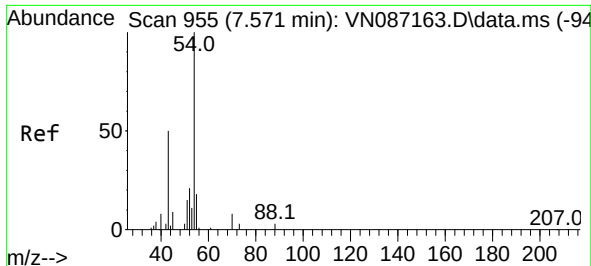


#42  
Vinyl Acetate  
Concen: 97.423 ug/l  
RT: 6.589 min Scan# 788  
Delta R.T. -0.029 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 43 Resp: 814344  
Ion Ratio Lower Upper  
43 100  
86 10.3 7.7 11.5



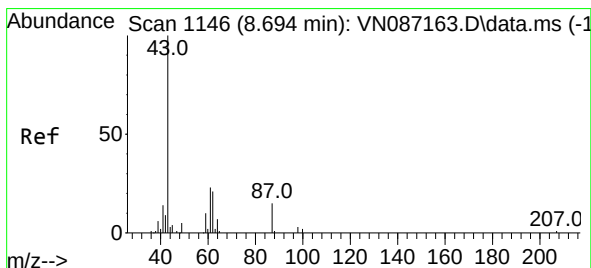
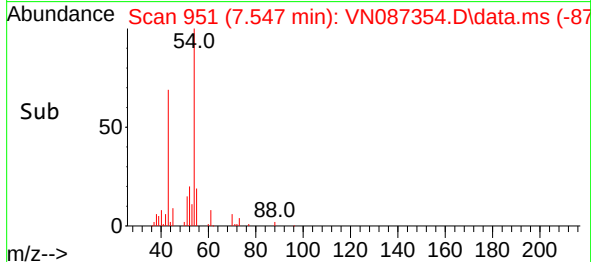
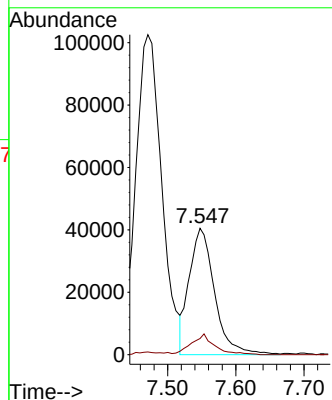
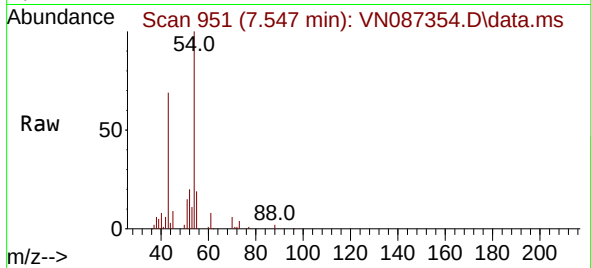




#43  
Ethyl Acetate  
Concen: 22.546 ug/l  
RT: 7.547 min Scan# 91  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

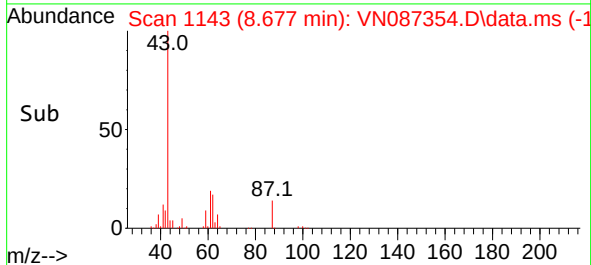
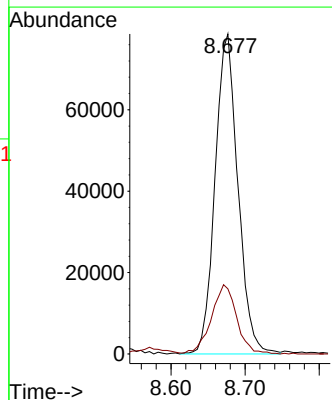
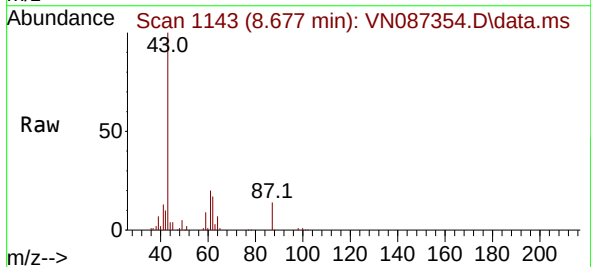
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

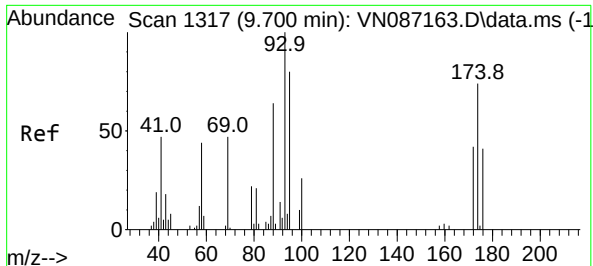
Tgt Ion: 43 Resp: 104599  
Ion Ratio Lower Upper  
43 100  
45 14.9 11.5 17.3



#44  
Isopropyl Acetate  
Concen: 22.268 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 43 Resp: 168318  
Ion Ratio Lower Upper  
43 100  
61 24.0 20.5 30.7

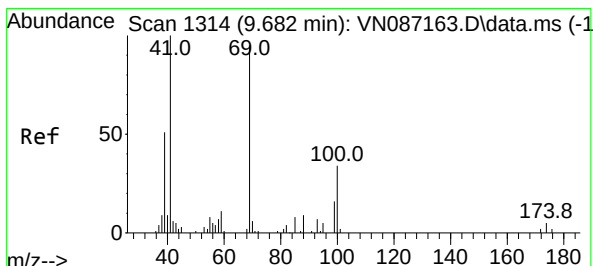
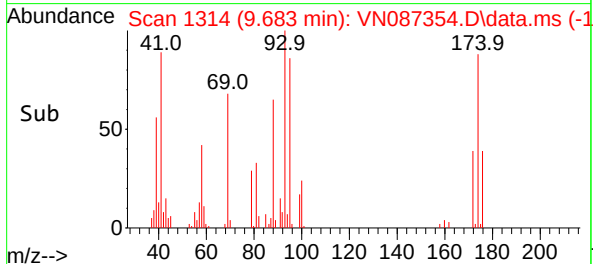
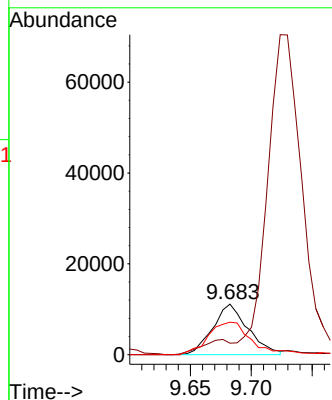
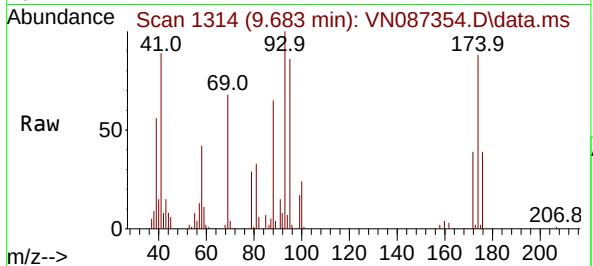




#45  
1,4-Dioxane  
Concen: 437.982 ug/l  
RT: 9.683 min Scan# 1314  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

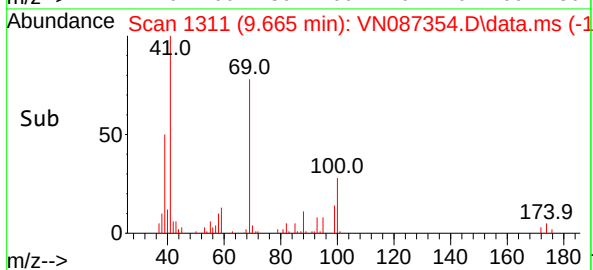
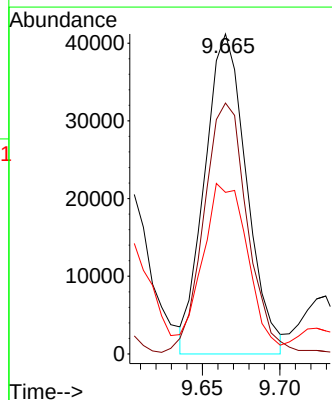
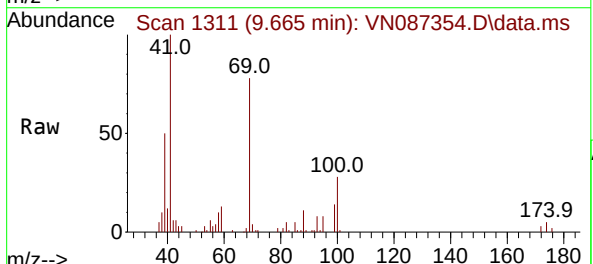
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

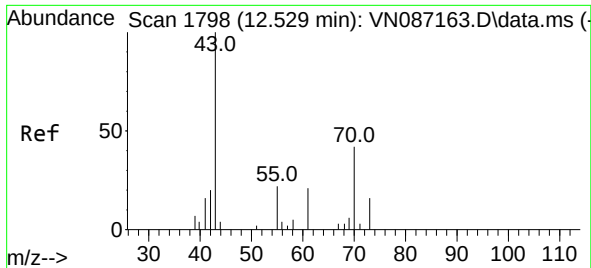
Tgt Ion: 88 Resp: 22395  
Ion Ratio Lower Upper  
88 100  
43 24.3 21.3 31.9  
58 73.9 61.7 92.5



#46  
Methyl methacrylate  
Concen: 22.032 ug/l  
RT: 9.665 min Scan# 1311  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 41 Resp: 77417  
Ion Ratio Lower Upper  
41 100  
69 79.3 45.6 136.9  
39 50.9 26.2 78.5

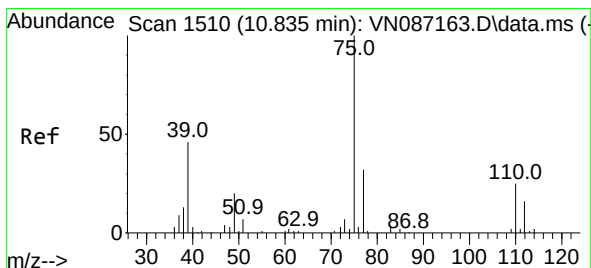
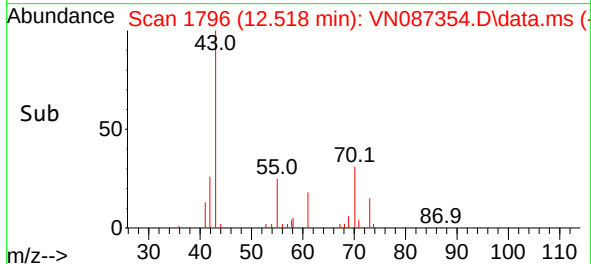
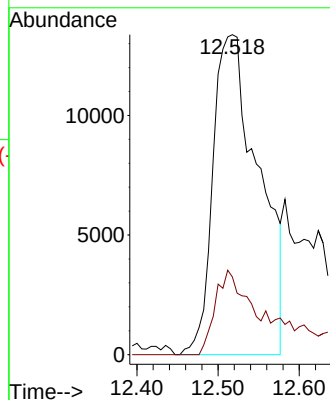
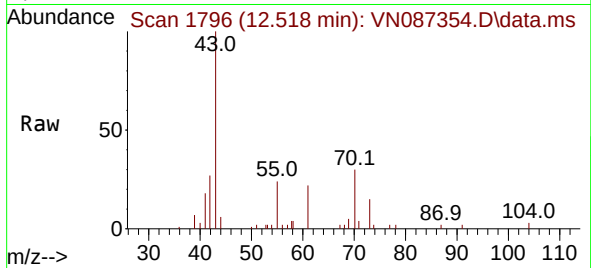




#47  
n-amy1 Acetate  
Concen: 11.340 ug/l  
RT: 12.518 min Scan# 1507  
Delta R.T. -0.012 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

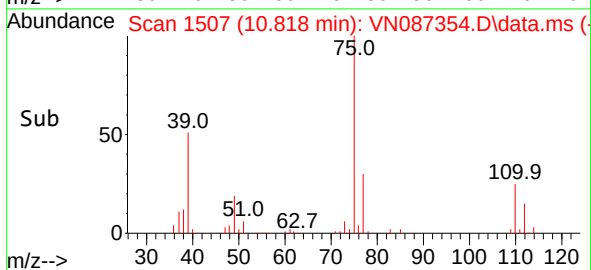
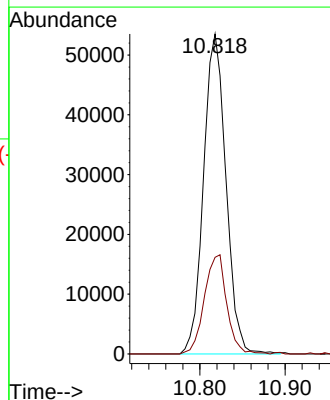
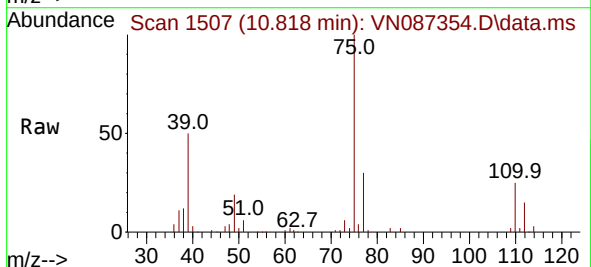
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

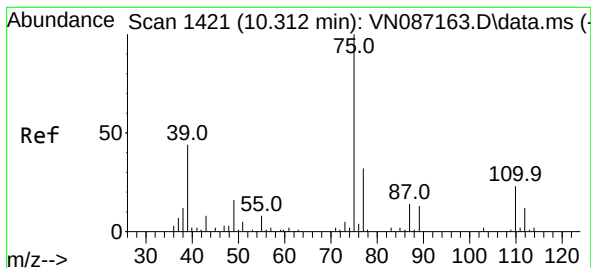
Tgt Ion: 43 Resp: 52406  
Ion Ratio Lower Upper  
43 100  
55 13.8 0.0 0.0#



#48  
t-1,3-Dichloropropene  
Concen: 21.105 ug/l  
RT: 10.818 min Scan# 1507  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 75 Resp: 97826  
Ion Ratio Lower Upper  
75 100  
77 30.2 25.4 38.0

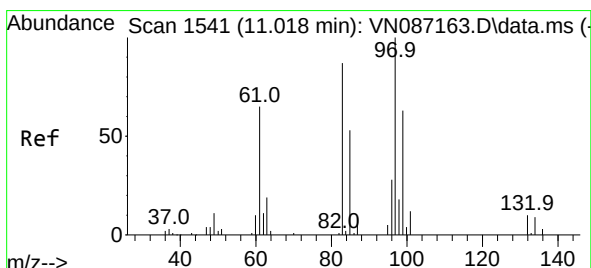
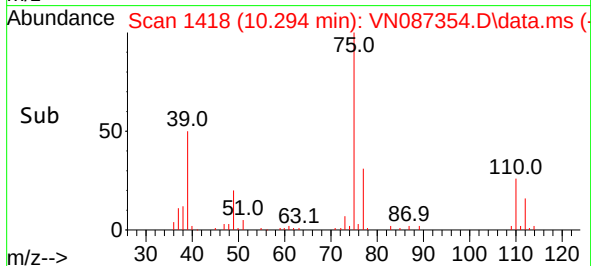
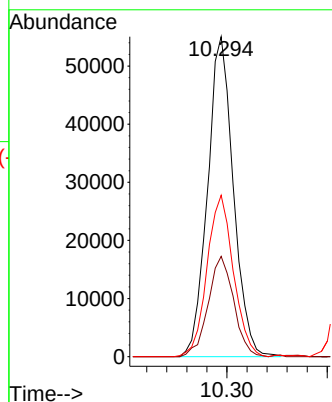
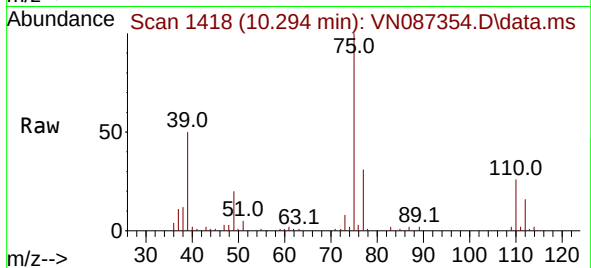




#49  
 cis-1,3-Dichloropropene  
 Concen: 19.992 ug/l  
 RT: 10.294 min Scan# 1421  
 Delta R.T. -0.018 min  
 Lab File: VN087354.D  
 Acq: 18 Jul 2025 09:49

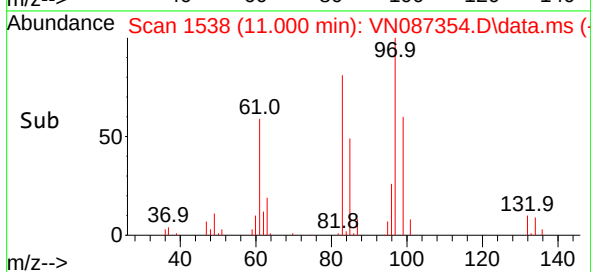
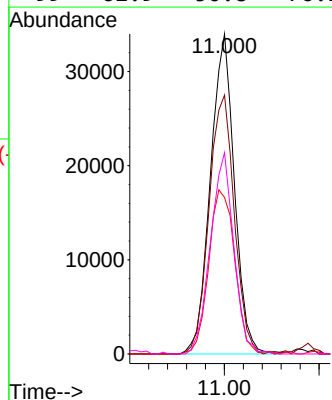
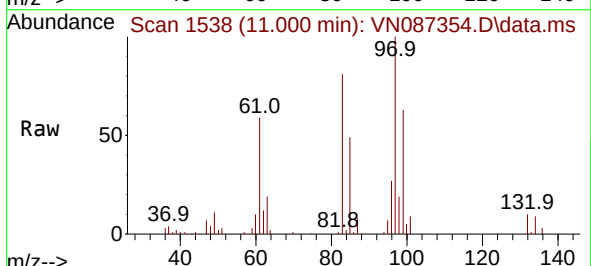
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0718WBS01

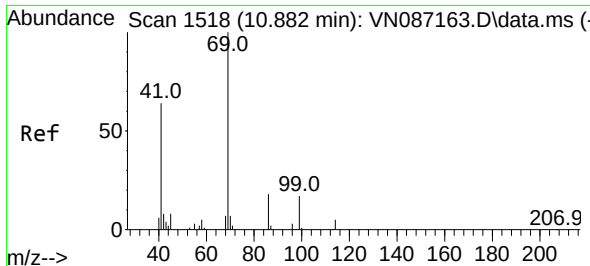
|             |                |
|-------------|----------------|
| Tgt Ion: 75 | Resp: 98514    |
| Ion Ratio   | Lower Upper    |
| 75          | 100            |
| 77          | 31.4 25.4 38.2 |
| 39          | 50.1 35.3 52.9 |



#50  
 1,1,2-Trichloroethane  
 Concen: 20.422 ug/l  
 RT: 11.000 min Scan# 1538  
 Delta R.T. -0.018 min  
 Lab File: VN087354.D  
 Acq: 18 Jul 2025 09:49

|             |                 |
|-------------|-----------------|
| Tgt Ion: 97 | Resp: 59759     |
| Ion Ratio   | Lower Upper     |
| 97          | 100             |
| 83          | 80.9 69.6 104.4 |
| 85          | 48.9 42.0 63.0  |
| 99          | 62.9 50.8 76.2  |

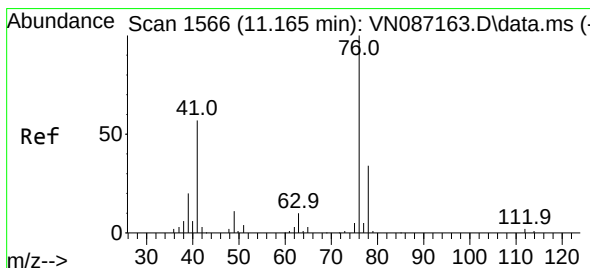
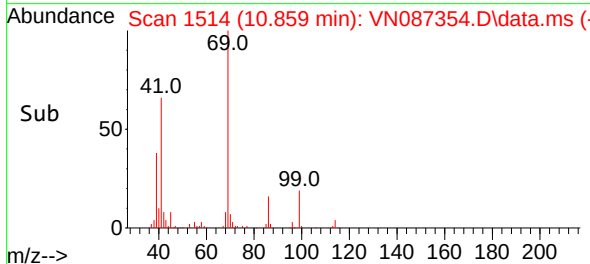
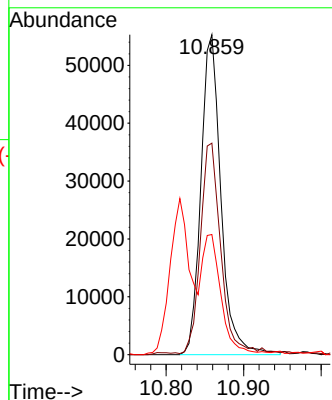
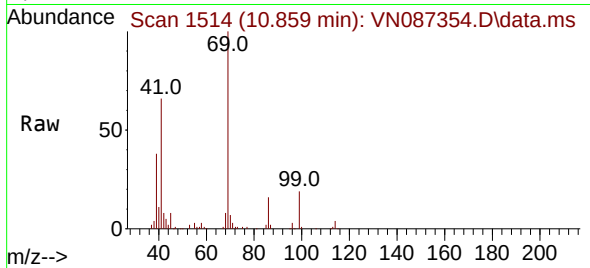




#51  
Ethyl methacrylate  
Concen: 22.333 ug/l  
RT: 10.859 min Scan# 1514  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

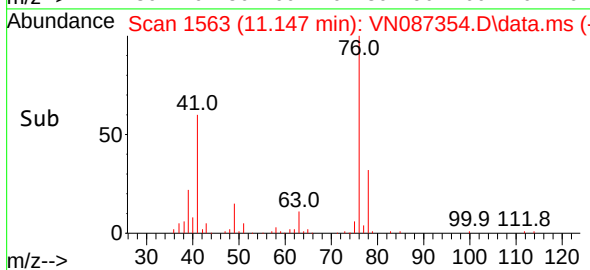
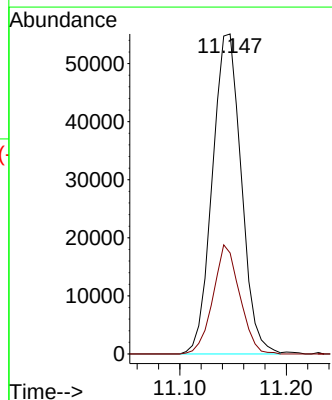
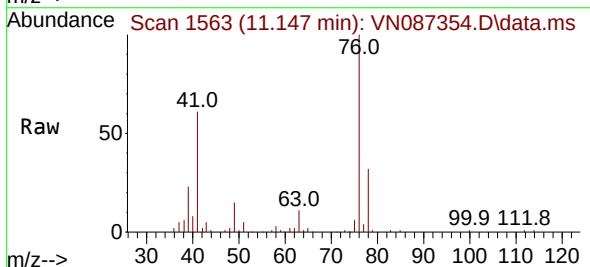
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

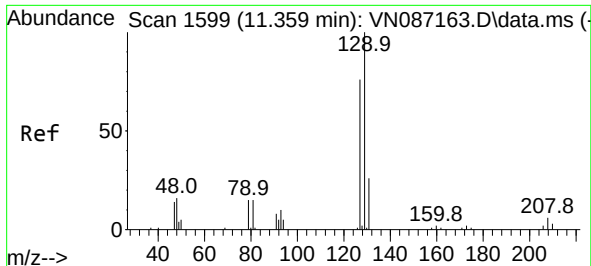
Tgt Ion: 69 Resp: 99466  
Ion Ratio Lower Upper  
69 100  
41 65.7 31.8 95.3  
39 36.4 15.3 45.8



#52  
1,3-Dichloropropane  
Concen: 20.670 ug/l  
RT: 11.147 min Scan# 1563  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 76 Resp: 103837  
Ion Ratio Lower Upper  
76 100  
78 31.5 0.0 63.0

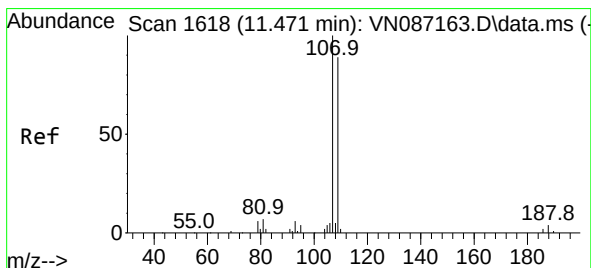
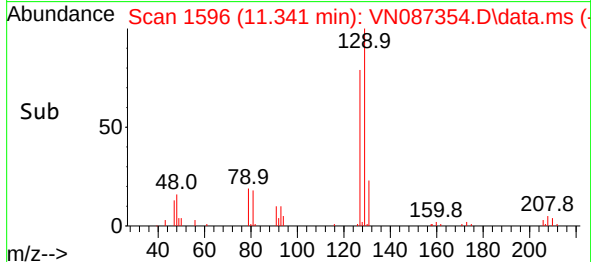
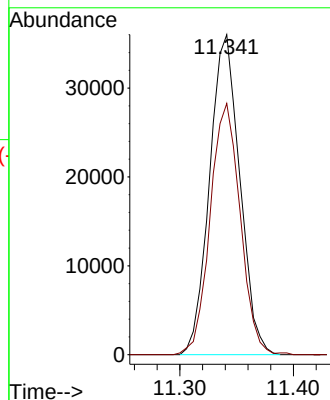
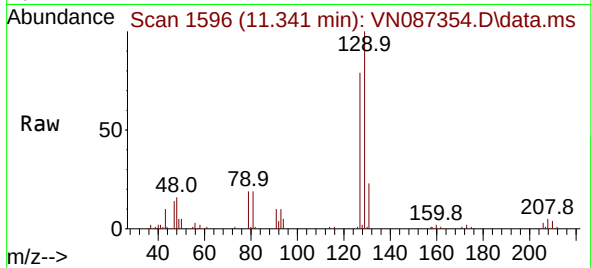




#53  
Dibromochloromethane  
Concen: 21.663 ug/l  
RT: 11.341 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

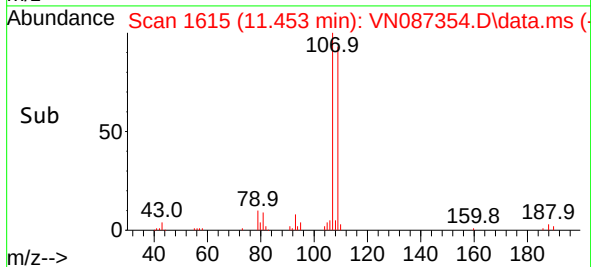
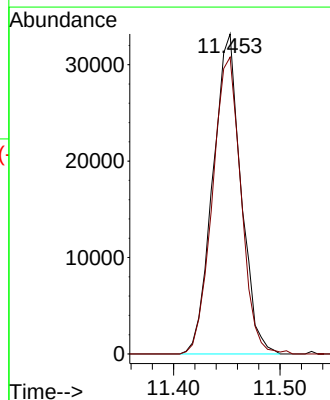
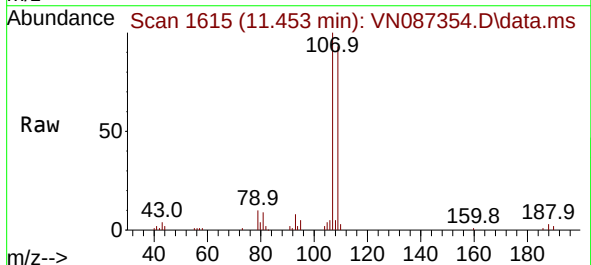
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

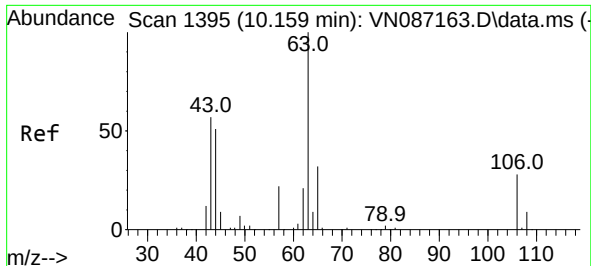
Tgt Ion:129 Resp: 66541  
Ion Ratio Lower Upper  
129 100  
127 77.8 39.6 118.8



#54  
1,2-Dibromoethane  
Concen: 20.172 ug/l  
RT: 11.453 min Scan# 1615  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion:107 Resp: 60898  
Ion Ratio Lower Upper  
107 100  
109 93.8 73.5 110.3

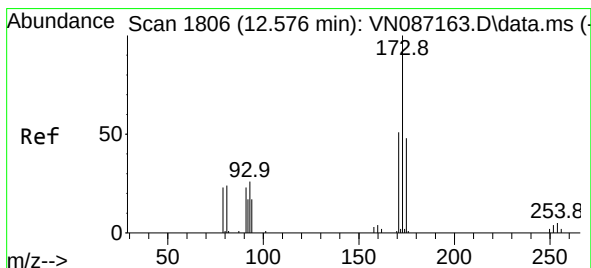
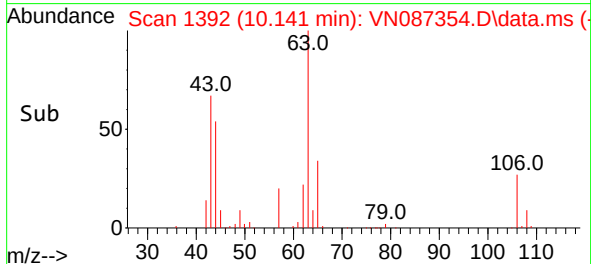
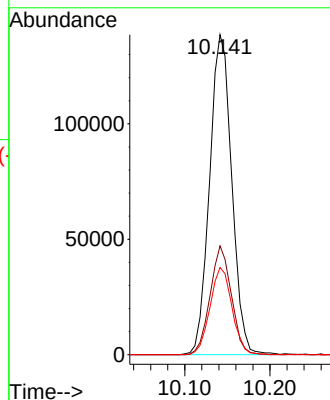
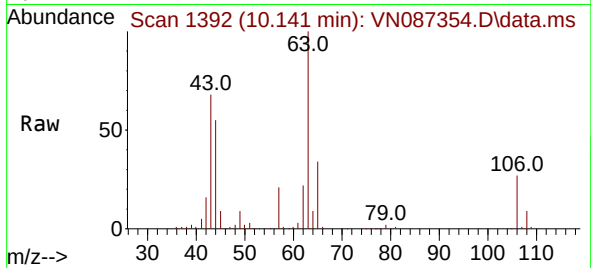




#55  
2-Chloroethyl vinyl ether  
Concen: 98.193 ug/l  
RT: 10.141 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

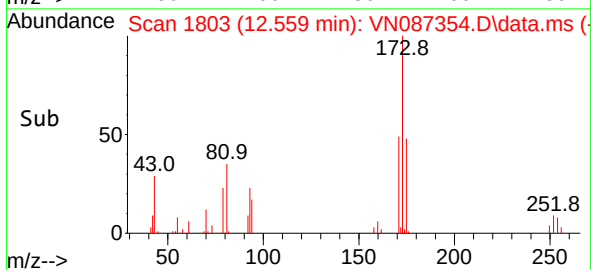
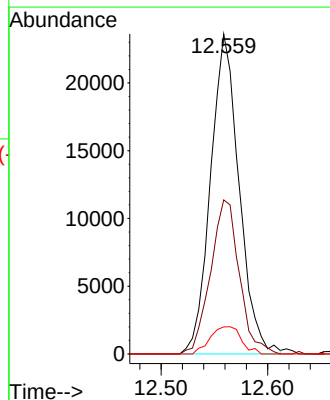
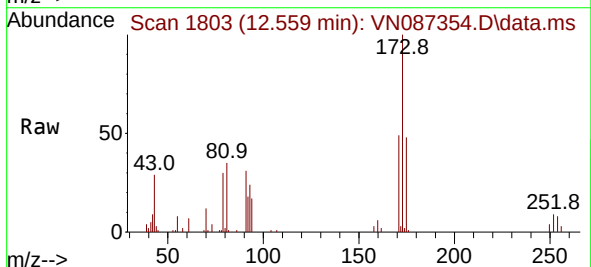
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

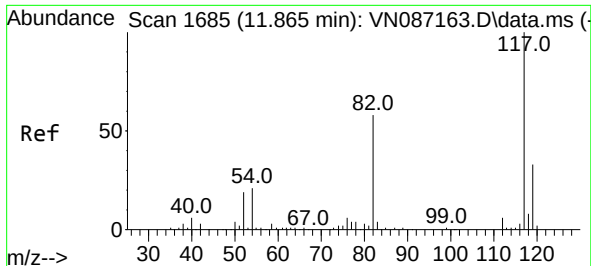
Tgt Ion: 63 Resp: 250674  
Ion Ratio Lower Upper  
63 100  
65 32.5 25.6 38.4  
106 27.0 21.9 32.9



#56  
Bromoform  
Concen: 20.766 ug/l  
RT: 12.559 min Scan# 1803  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion:173 Resp: 43849  
Ion Ratio Lower Upper  
173 100  
175 48.5 38.7 58.1  
254 9.3 4.2 6.4#

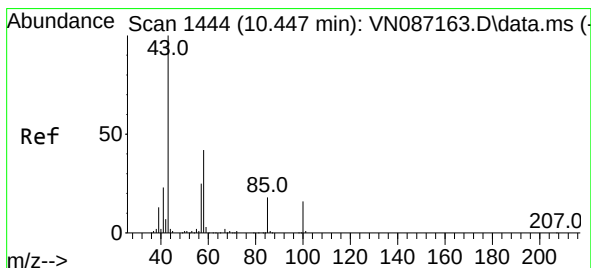
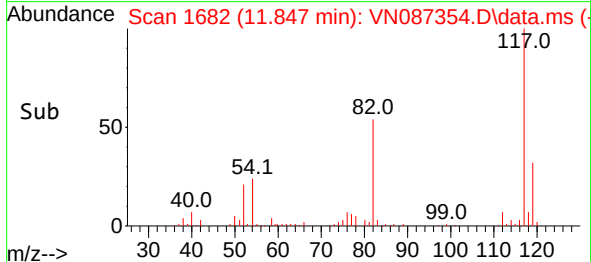
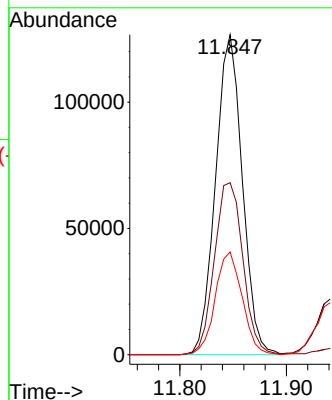
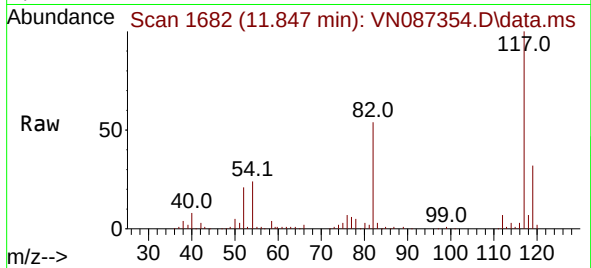




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.847 min Scan# 117  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

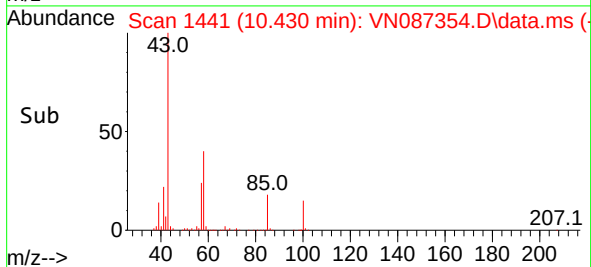
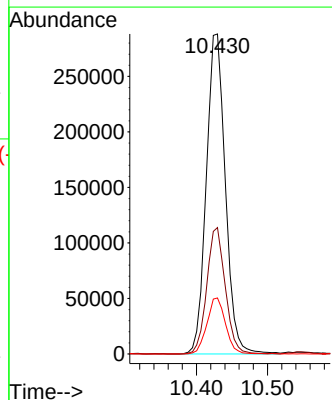
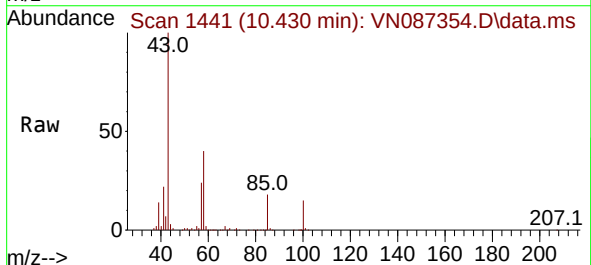
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

Tgt Ion:117 Resp: 221298  
Ion Ratio Lower Upper  
117 100  
82 57.2 45.4 68.2  
119 32.3 26.2 39.4

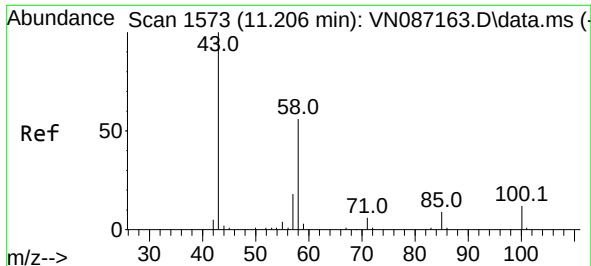


#58  
4-Methyl-2-Pentanone  
Concen: 121.008 ug/l  
RT: 10.430 min Scan# 1441  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 43 Resp: 538352  
Ion Ratio Lower Upper  
43 100  
58 38.4 32.6 49.0  
85 17.1 14.6 22.0



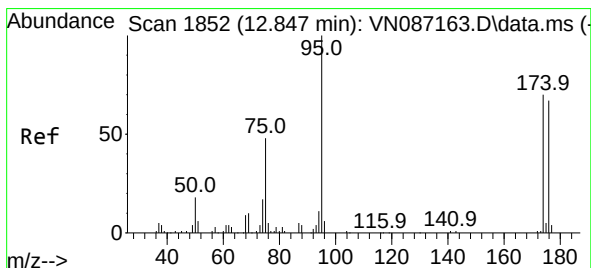
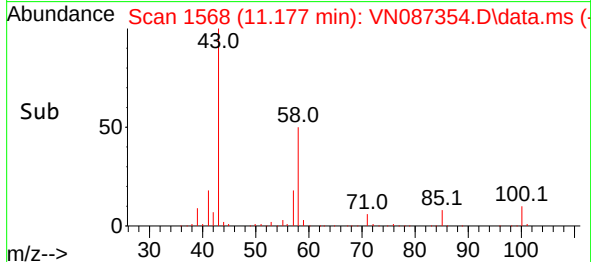
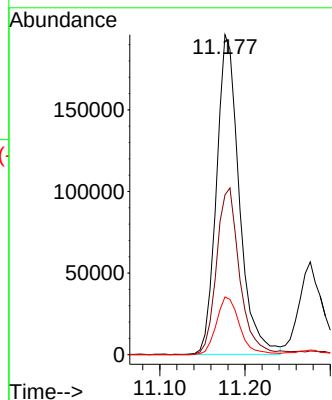
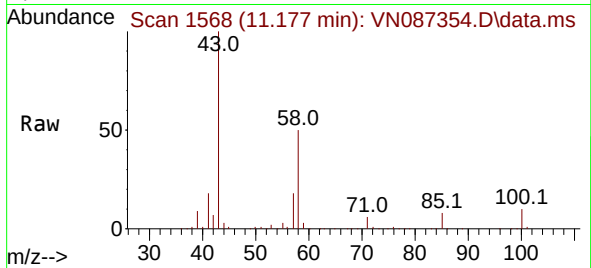




#59  
2-Hexanone  
Concen: 126.726 ug/l  
RT: 11.177 min Scan# 1568  
Delta R.T. -0.029 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

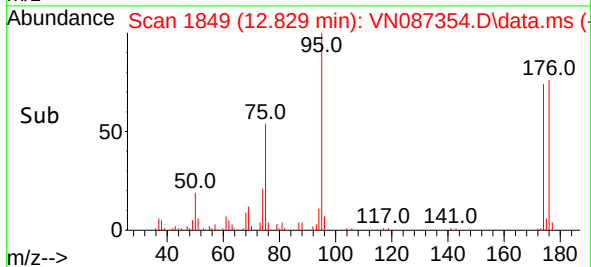
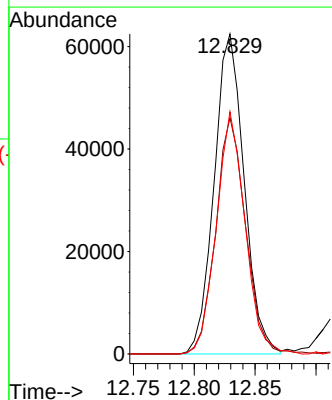
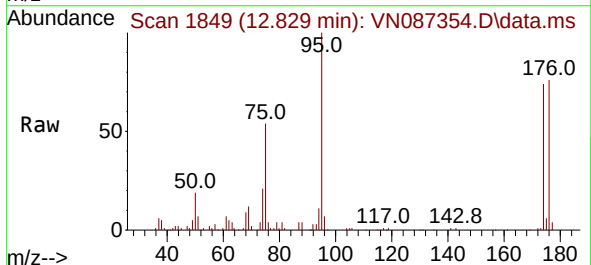
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

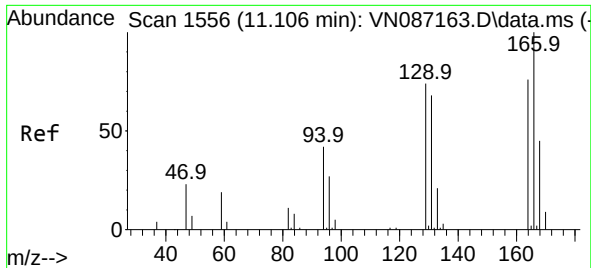
Tgt Ion: 43 Resp: 364057  
Ion Ratio Lower Upper  
43 100  
58 52.6 49.2 73.8  
57 18.5 15.3 22.9



#60  
4-Bromofluorobenzene  
Concen: 31.385 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 95 Resp: 107177  
Ion Ratio Lower Upper  
95 100  
174 73.6 54.5 81.7  
176 72.2 51.9 77.9

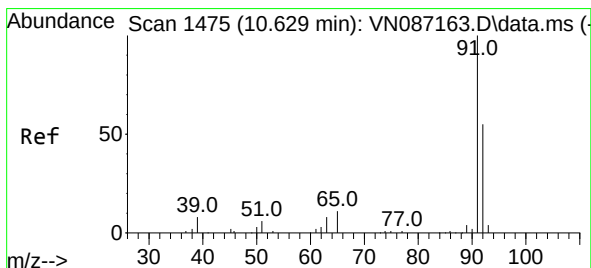
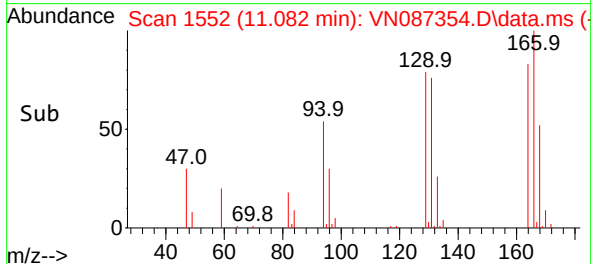
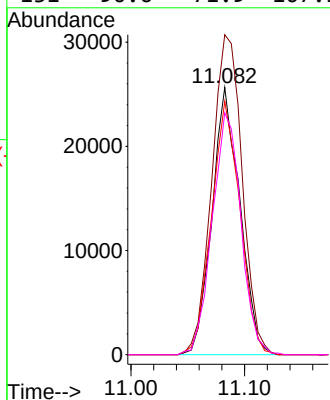
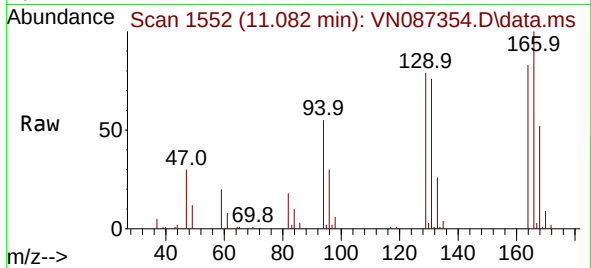




#61  
Tetrachloroethene  
Concen: 19.912 ug/l  
RT: 11.082 min Scan# 11  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

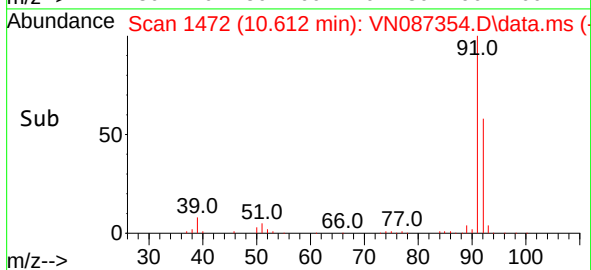
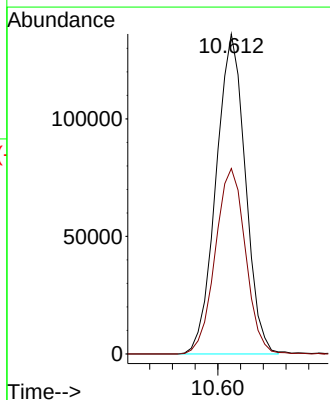
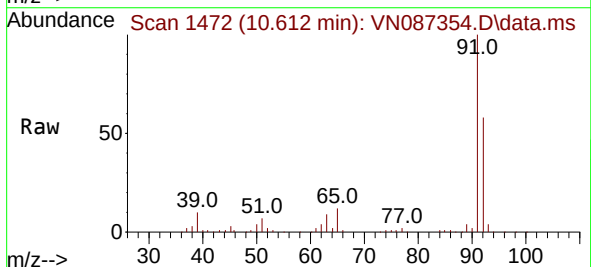
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

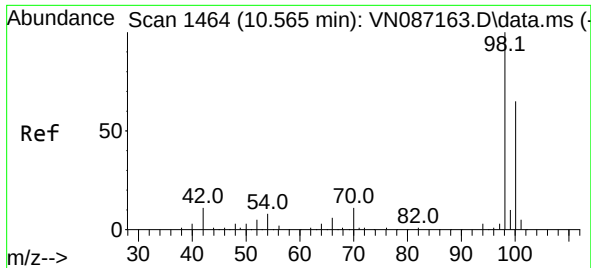
Tgt Ion:164 Resp: 43638  
Ion Ratio Lower Upper  
164 100  
166 119.8 105.4 158.2  
129 94.8 77.9 116.9  
131 90.6 71.9 107.9



#62  
Toluene  
Concen: 19.496 ug/l  
RT: 10.612 min Scan# 1472  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 91 Resp: 243667  
Ion Ratio Lower Upper  
91 100  
92 59.8 45.8 68.8

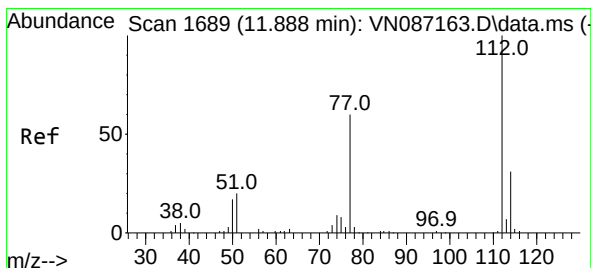
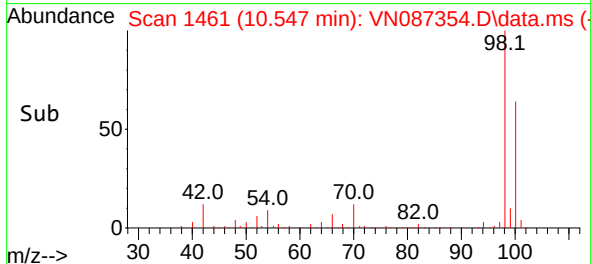
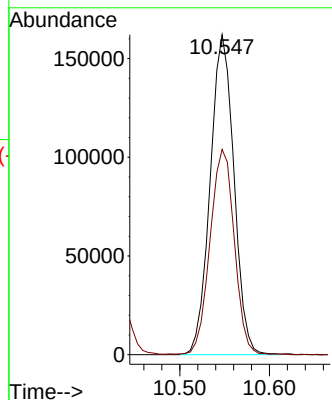
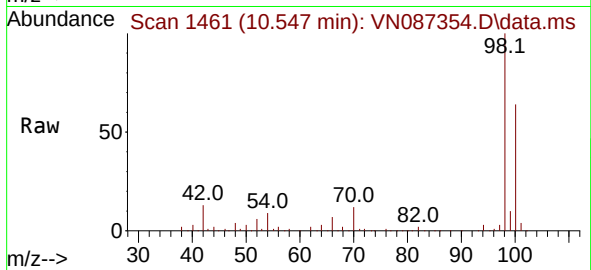




#63  
Toluene-d8  
Concen: 29.987 ug/l  
RT: 10.547 min Scan# 1461  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

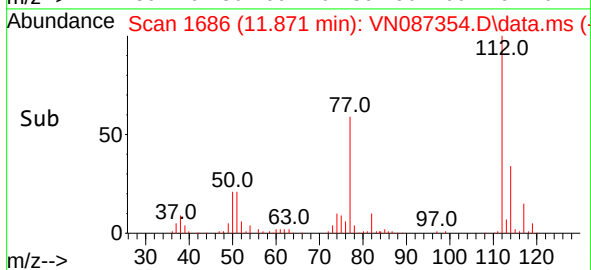
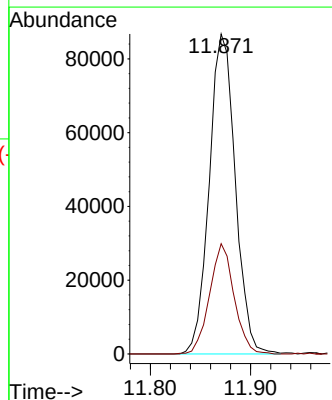
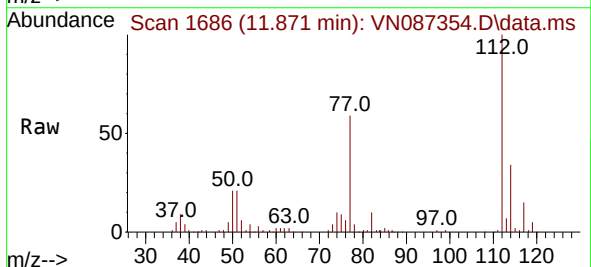
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

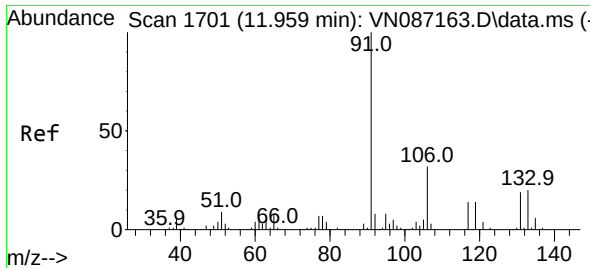
Tgt Ion: 98 Resp: 297958  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.5 78.7



#64  
Chlorobenzene  
Concen: 19.677 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 112 Resp: 156878  
Ion Ratio Lower Upper  
112 100  
114 34.5 25.0 37.4

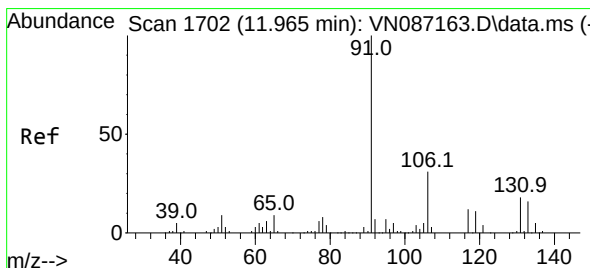
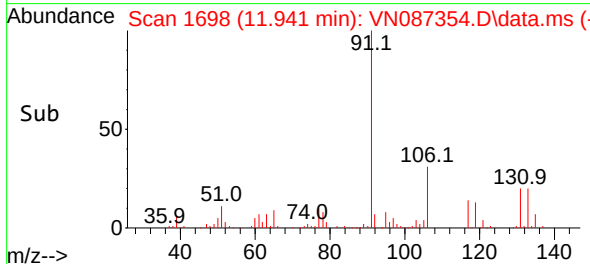
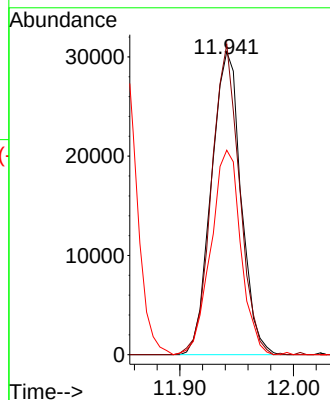
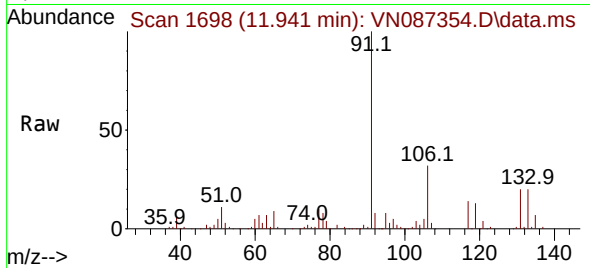




#65  
1,1,1,2-Tetrachloroethane  
Concen: 21.064 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

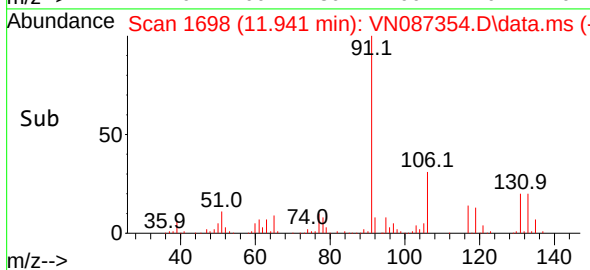
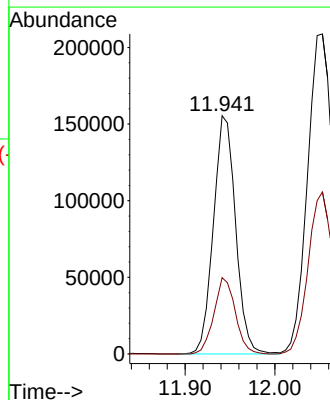
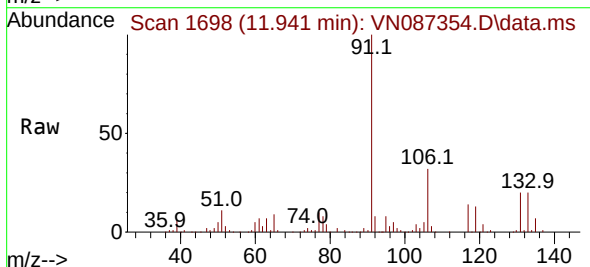
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

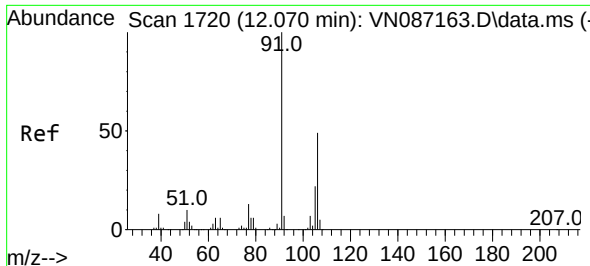
Tgt Ion:131 Resp: 55487  
Ion Ratio Lower Upper  
131 100  
133 96.1 0.0 187.8  
119 67.8 0.0 140.0



#66  
Ethyl Benzene  
Concen: 19.563 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 91 Resp: 267636  
Ion Ratio Lower Upper  
91 100  
106 32.0 24.8 37.2

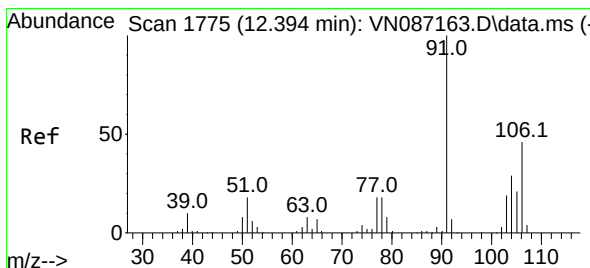
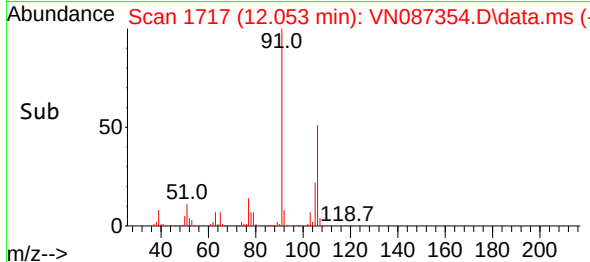
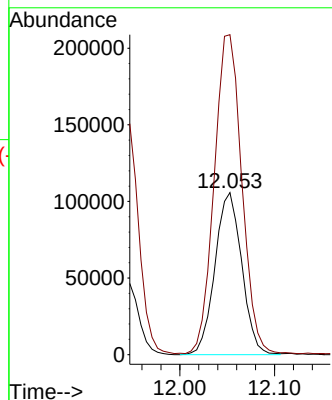
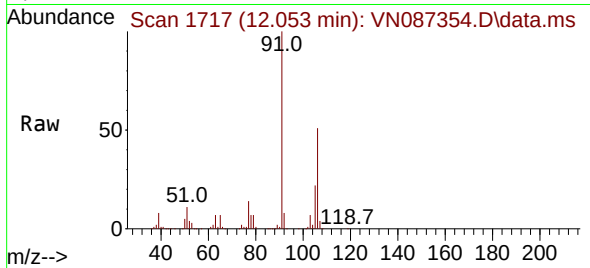




#67  
m/p-Xylenes  
Concen: 39.657 ug/l  
RT: 12.053 min Scan# 1717  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

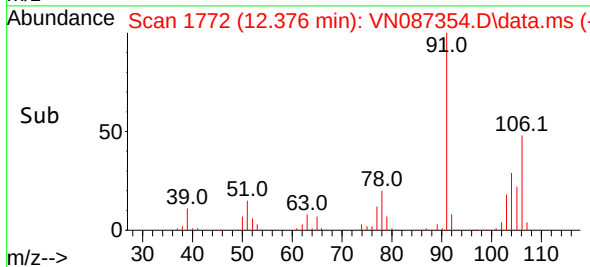
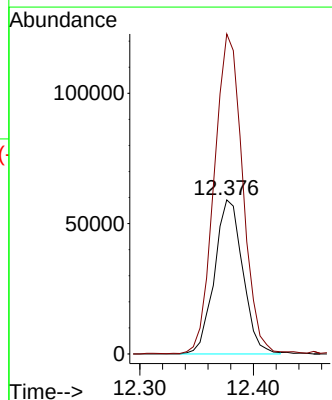
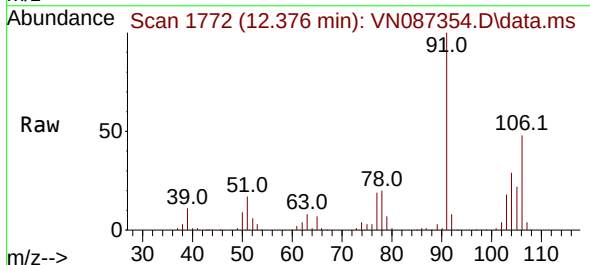
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

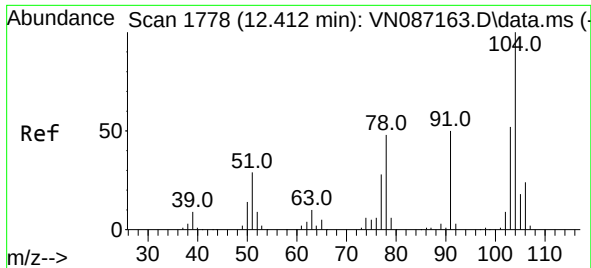
Tgt Ion:106 Resp: 207896  
Ion Ratio Lower Upper  
106 100  
91 204.6 163.0 244.4



#68  
o-Xylene  
Concen: 20.476 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion:106 Resp: 102410  
Ion Ratio Lower Upper  
106 100  
91 207.9 107.1 321.1

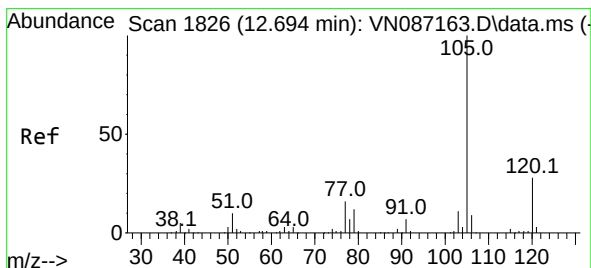
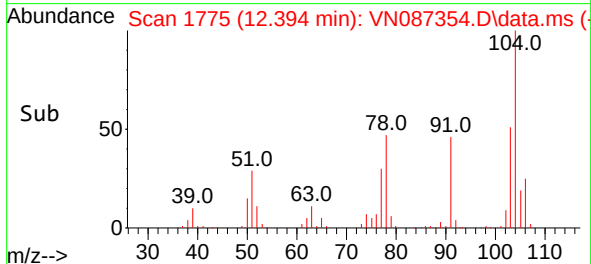
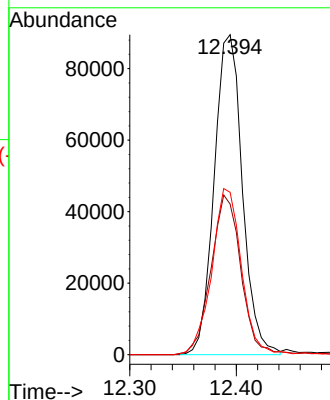
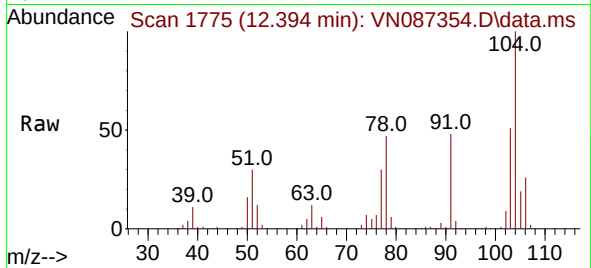




#69  
Styrene  
Concen: 19.152 ug/l  
RT: 12.394 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

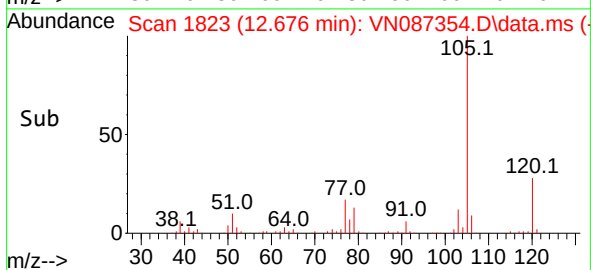
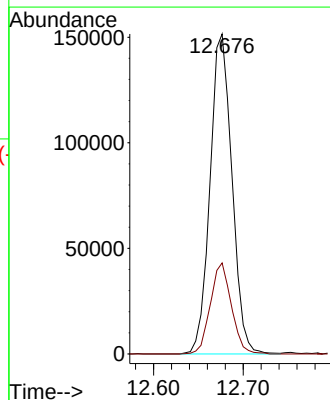
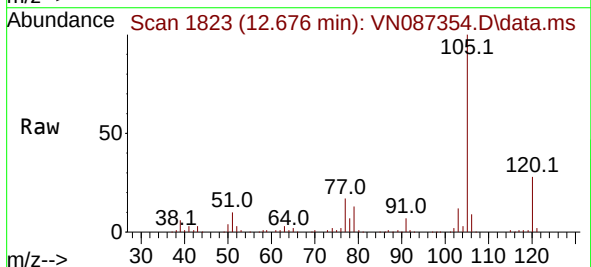
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

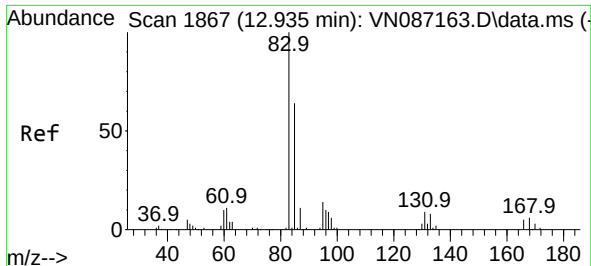
Tgt Ion:104 Resp: 164445  
Ion Ratio Lower Upper  
104 100  
78 53.0 39.8 59.8  
103 54.1 44.2 66.4



#70  
Isopropylbenzene  
Concen: 20.649 ug/l  
RT: 12.676 min Scan# 1823  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion:105 Resp: 257201  
Ion Ratio Lower Upper  
105 100  
120 27.3 19.0 35.2

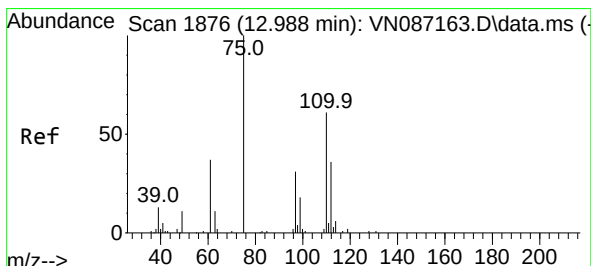
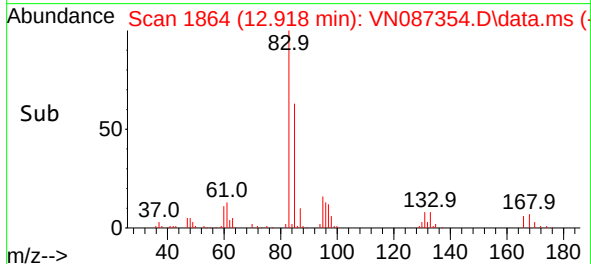
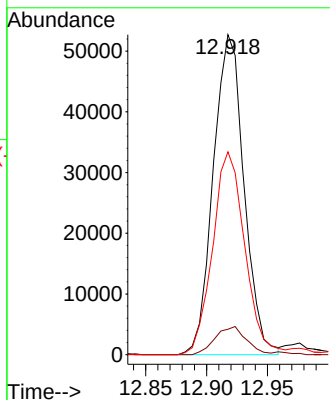
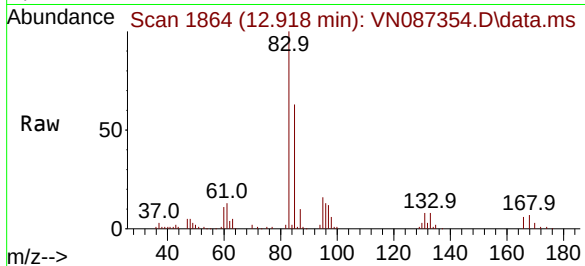




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.667 ug/l  
 RT: 12.918 min Scan# 1864  
 Delta R.T. -0.018 min  
 Lab File: VN087354.D  
 Acq: 18 Jul 2025 09:49

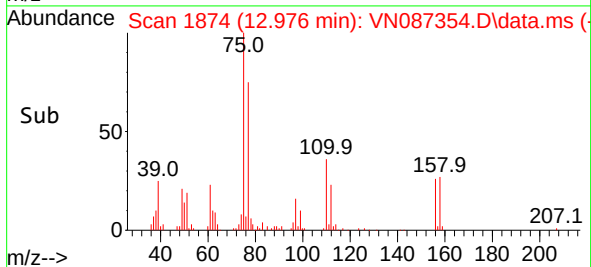
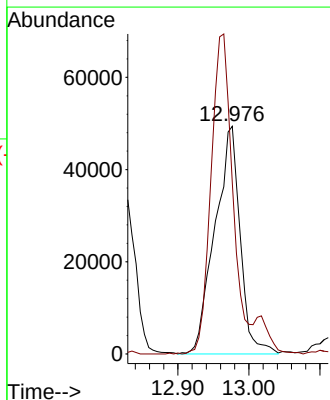
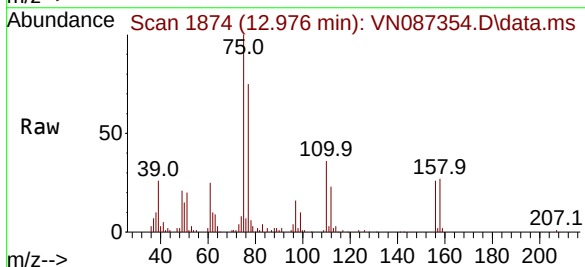
Instrument :  
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 ClientSampleId :  
 VN0718WBS01

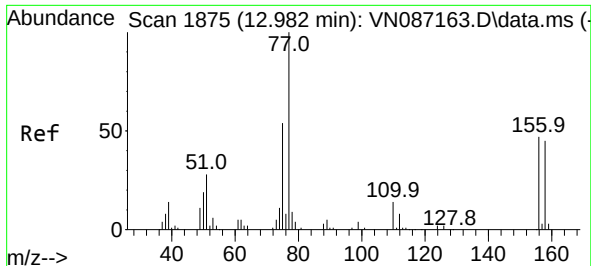
Tgt Ion: 83 Resp: 92663  
 Ion Ratio Lower Upper  
 83 100  
 131 9.0 4.5 13.4  
 85 66.2 31.3 93.9



#72  
 1,2,3-Trichloropropane  
 Concen: 31.500 ug/l  
 RT: 12.976 min Scan# 1874  
 Delta R.T. -0.012 min  
 Lab File: VN087354.D  
 Acq: 18 Jul 2025 09:49

Tgt Ion: 75 Resp: 121790  
 Ion Ratio Lower Upper  
 75 100  
 77 121.7 0.0 379.2

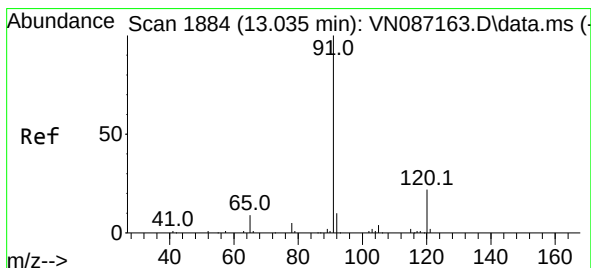
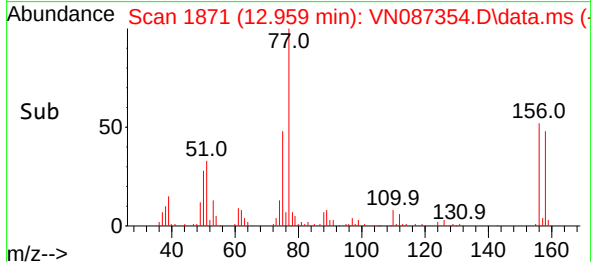
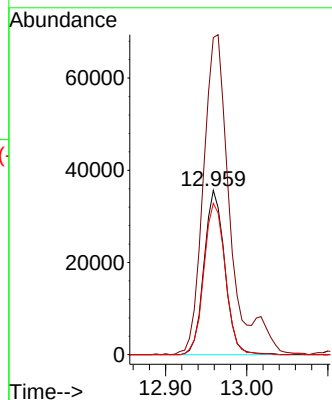
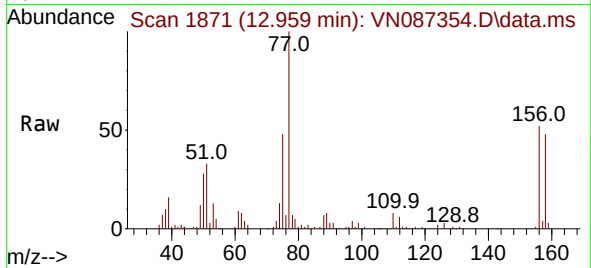




#73  
Bromobenzene  
Concen: 20.867 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

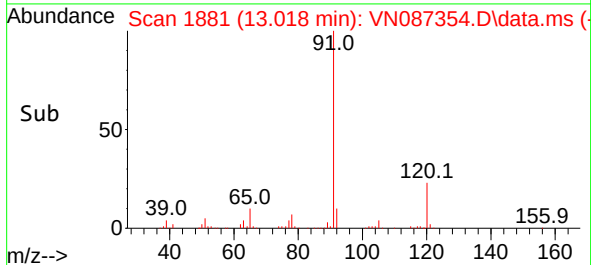
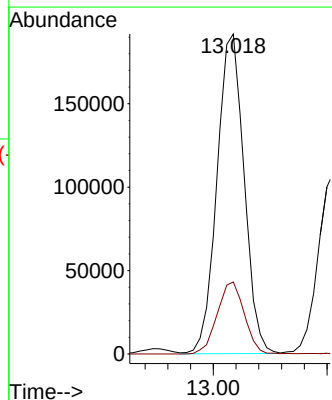
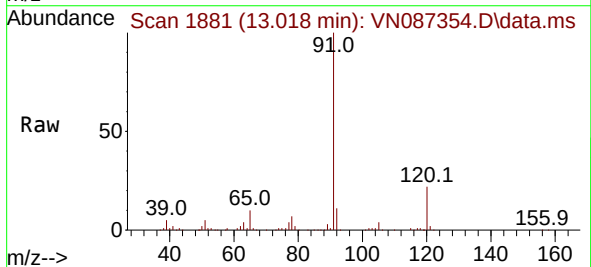
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

Tgt Ion:156 Resp: 63051  
Ion Ratio Lower Upper  
156 100  
77 235.0 0.0 489.0  
158 95.5 0.0 195.2

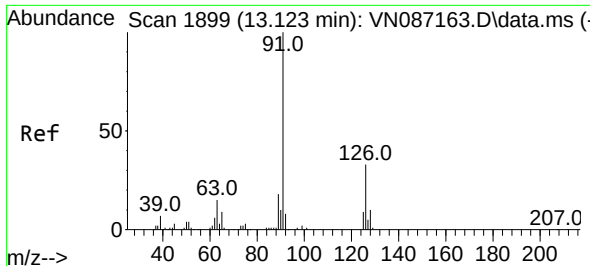


#74  
n-propylbenzene  
Concen: 20.853 ug/l  
RT: 13.018 min Scan# 1881  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 91 Resp: 317325  
Ion Ratio Lower Upper  
91 100  
120 22.5 0.0 43.6



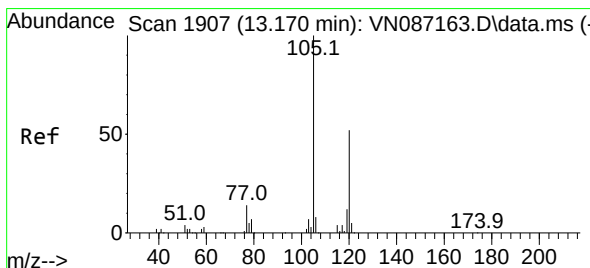
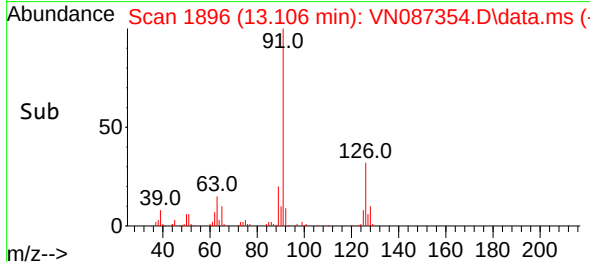
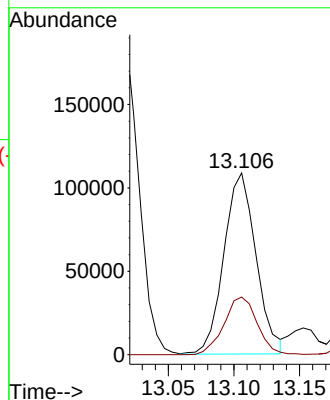
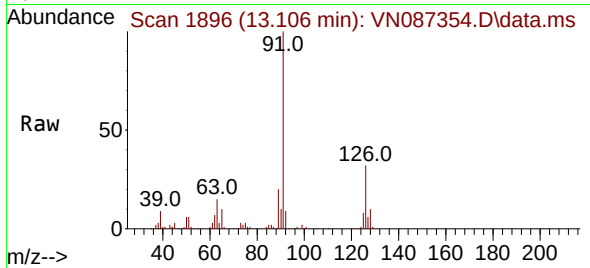




#75  
2-Chlorotoluene  
Concen: 20.164 ug/l  
RT: 13.106 min Scan# 1899  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

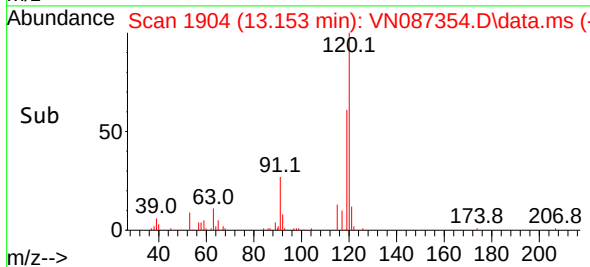
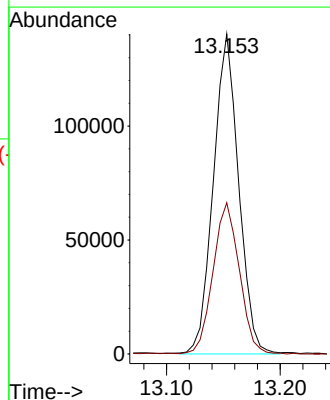
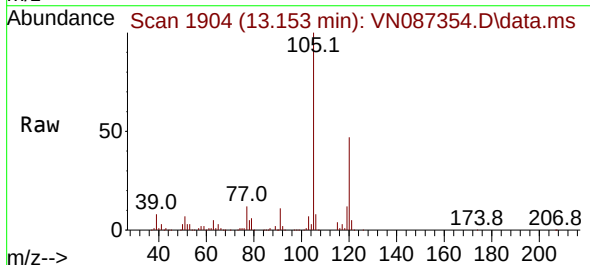
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

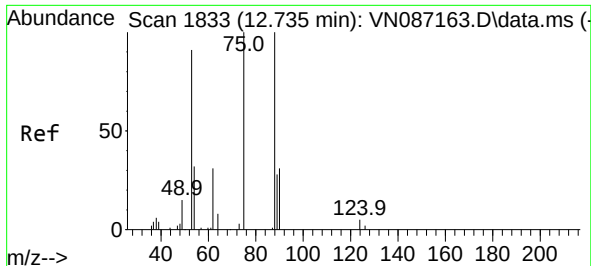
Tgt Ion: 91 Resp: 185378  
Ion Ratio Lower Upper  
91 100  
126 32.9 0.0 63.8



#76  
1,3,5-Trimethylbenzene  
Concen: 21.419 ug/l  
RT: 13.153 min Scan# 1904  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion:105 Resp: 217196  
Ion Ratio Lower Upper  
105 100  
120 49.1 0.0 100.8

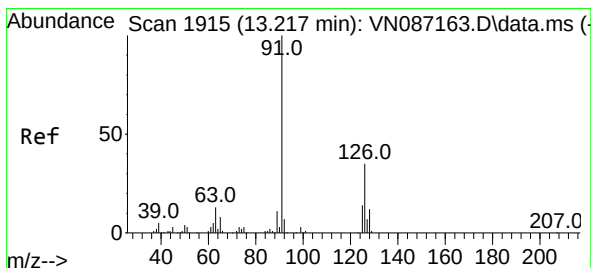
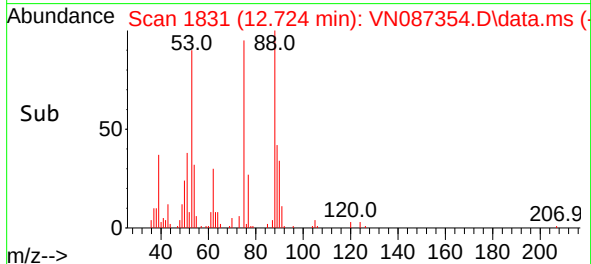
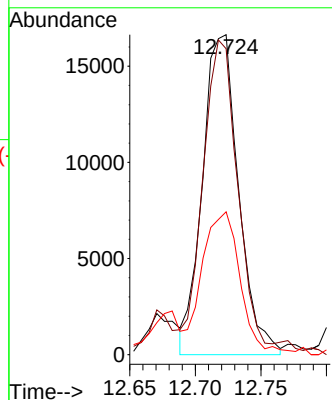
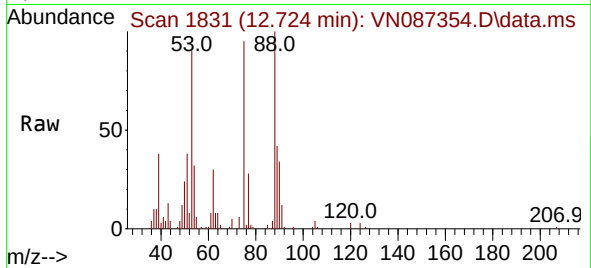




#77  
t-1,4-Dichloro-2-butene  
Concen: 18.604 ug/l  
RT: 12.724 min Scan# 1831  
Delta R.T. -0.012 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

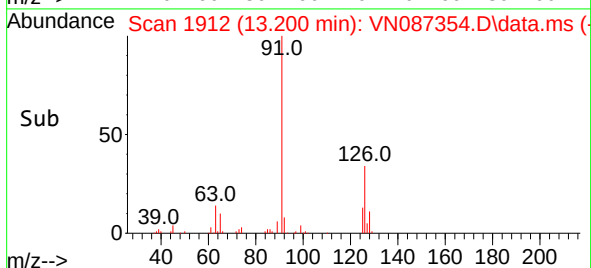
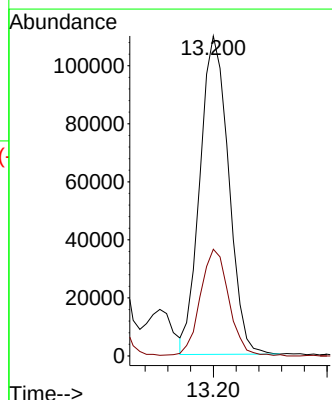
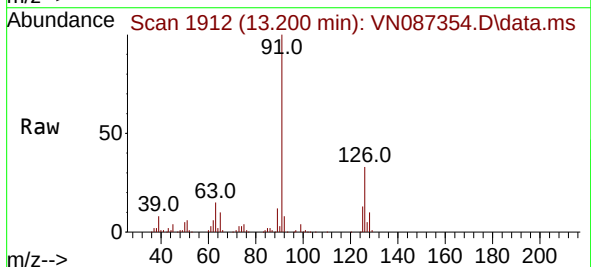
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

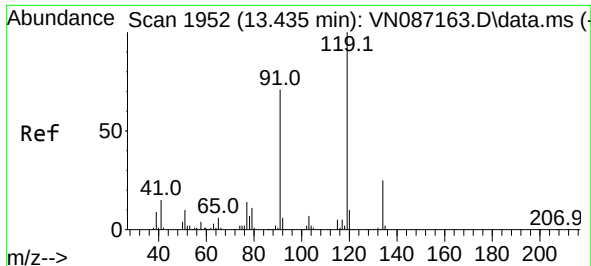
Tgt Ion: 75 Resp: 31906  
Ion Ratio Lower Upper  
75 100  
53 93.5 45.9 137.6  
89 43.9 22.3 66.9



#78  
4-Chlorotoluene  
Concen: 20.387 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 91 Resp: 191958  
Ion Ratio Lower Upper  
91 100  
126 33.5 0.0 65.2

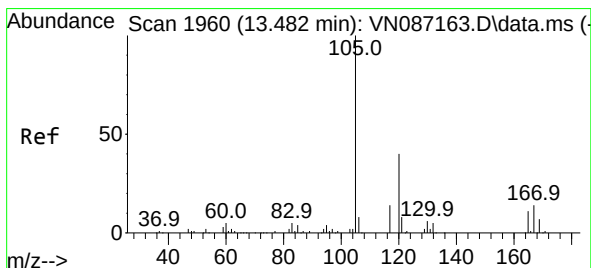
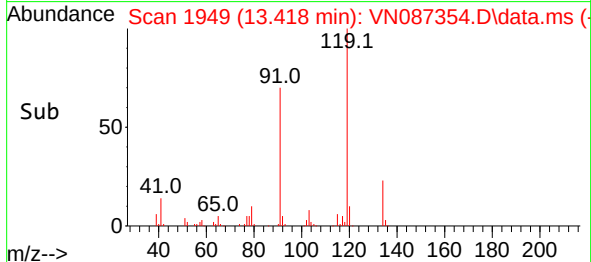
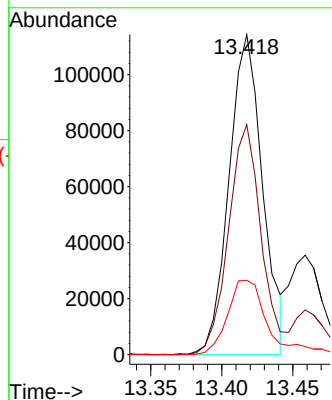
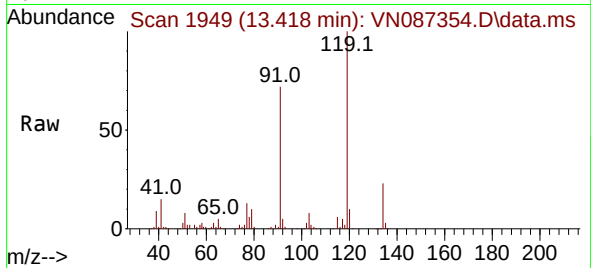




#79  
tert-butylbenzene  
Concen: 22.063 ug/l  
RT: 13.418 min Scan# 1949  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

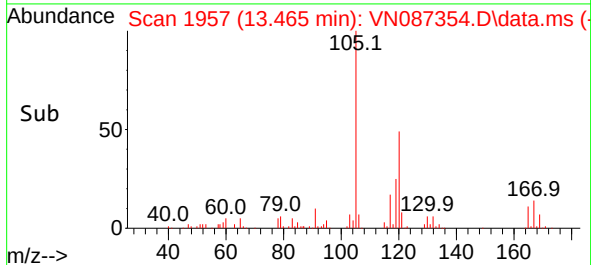
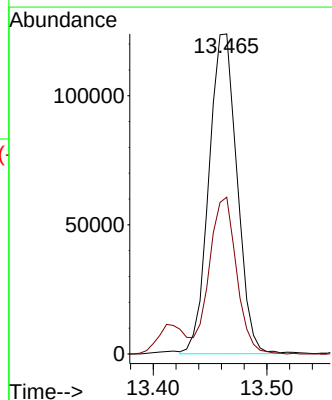
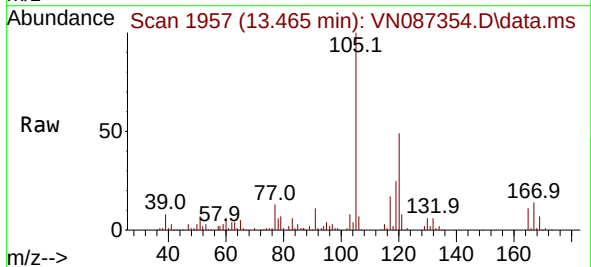
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

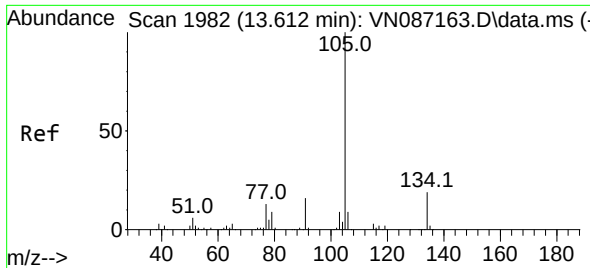
Tgt Ion:119 Resp: 188065  
Ion Ratio Lower Upper  
119 100  
91 70.2 0.0 137.0  
134 25.5 0.0 49.4



#80  
1,2,4-Trimethylbenzene  
Concen: 20.932 ug/l  
RT: 13.465 min Scan# 1957  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion:105 Resp: 213138  
Ion Ratio Lower Upper  
105 100  
120 47.0 0.0 94.0

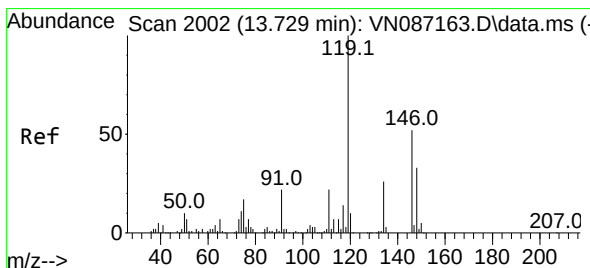
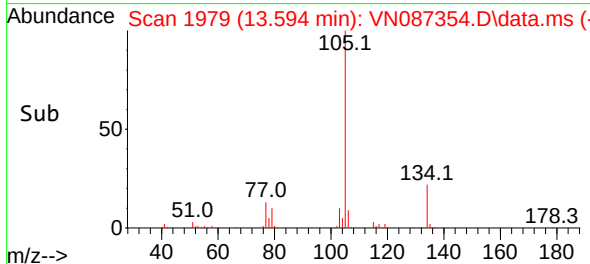
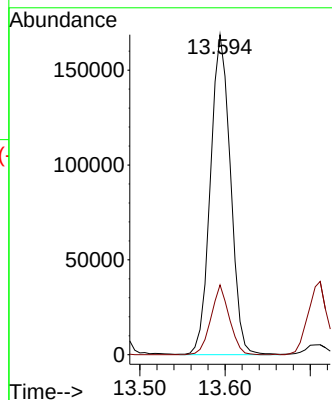
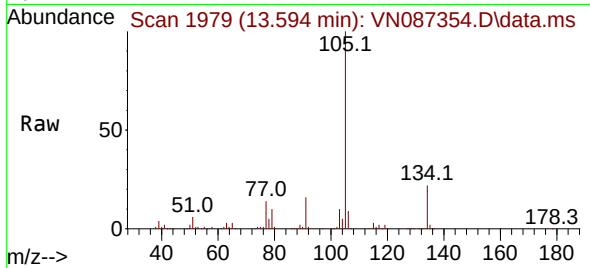




#81  
 sec-Butylbenzene  
 Concen: 22.258 ug/l  
 RT: 13.594 min Scan# 1979  
 Delta R.T. -0.018 min  
 Lab File: VN087354.D  
 Acq: 18 Jul 2025 09:49

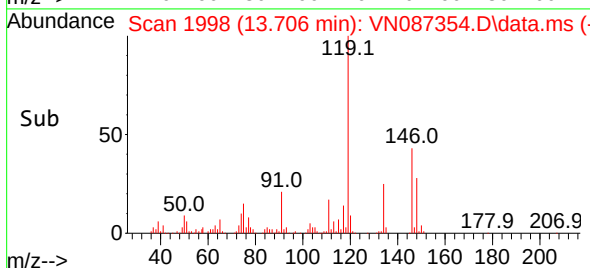
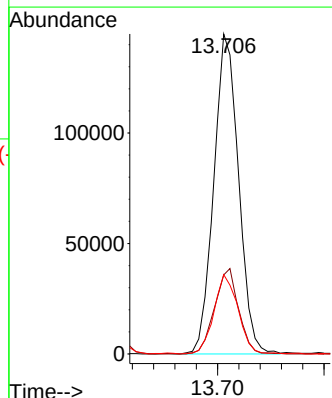
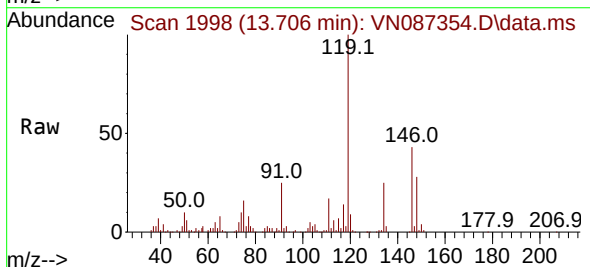
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0718WBS01

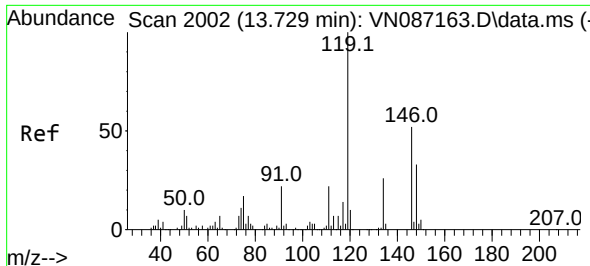
Tgt Ion:105 Resp: 275791  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 0.0 39.4



#82  
 p-Isopropyltoluene  
 Concen: 22.676 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. -0.023 min  
 Lab File: VN087354.D  
 Acq: 18 Jul 2025 09:49

Tgt Ion:119 Resp: 233831  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 0.0 51.2  
 91 24.0 0.0 46.4

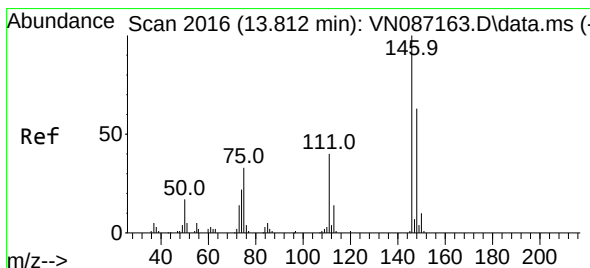
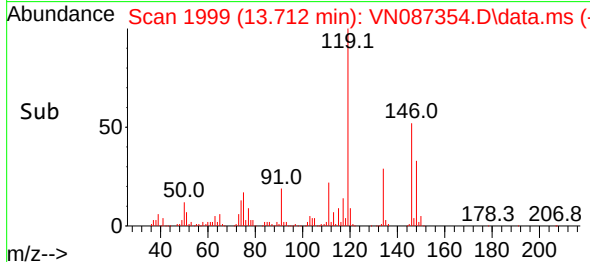
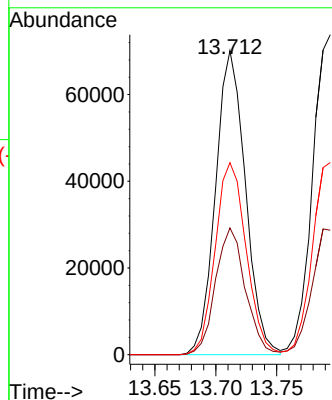
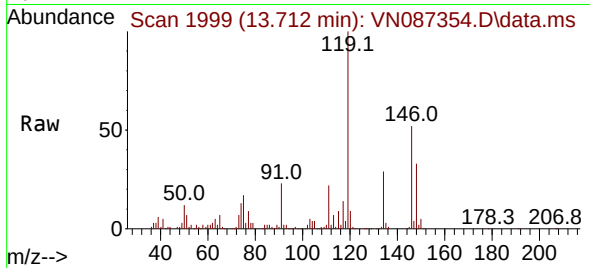




#83  
 1,3-Dichlorobenzene  
 Concen: 20.616 ug/l  
 RT: 13.712 min Scan# 1999  
 Delta R.T. -0.018 min  
 Lab File: VN087354.D  
 Acq: 18 Jul 2025 09:49

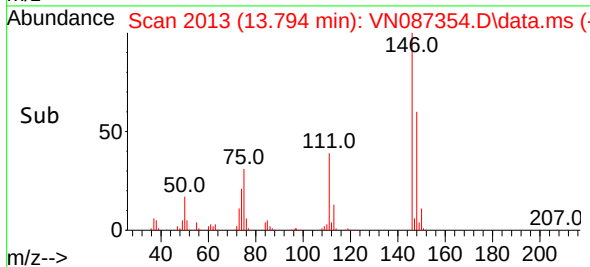
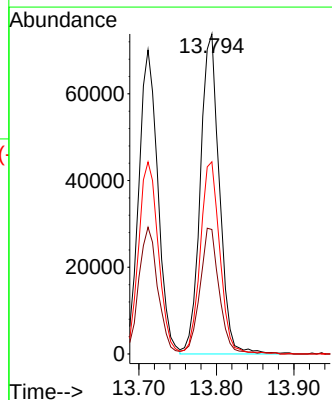
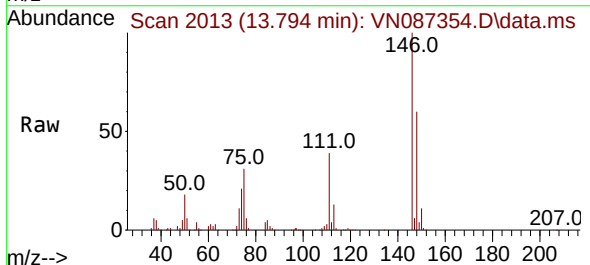
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0718WBS01

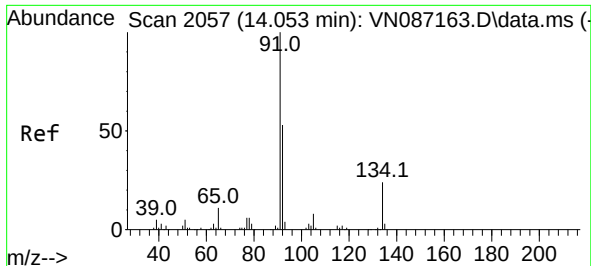
Tgt Ion:146 Resp: 119952  
 Ion Ratio Lower Upper  
 146 100  
 111 41.7 21.1 63.3  
 148 65.4 31.6 94.8



#84  
 1,4-Dichlorobenzene  
 Concen: 21.501 ug/l  
 RT: 13.794 min Scan# 2013  
 Delta R.T. -0.018 min  
 Lab File: VN087354.D  
 Acq: 18 Jul 2025 09:49

Tgt Ion:146 Resp: 125908  
 Ion Ratio Lower Upper  
 146 100  
 111 39.6 20.1 60.2  
 148 61.4 31.4 94.2

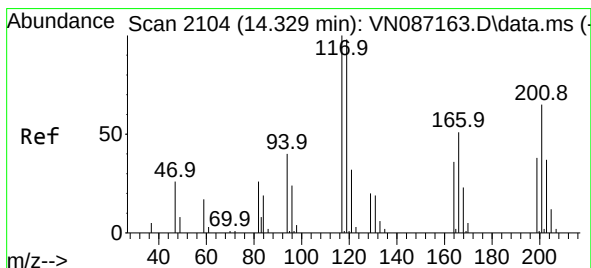
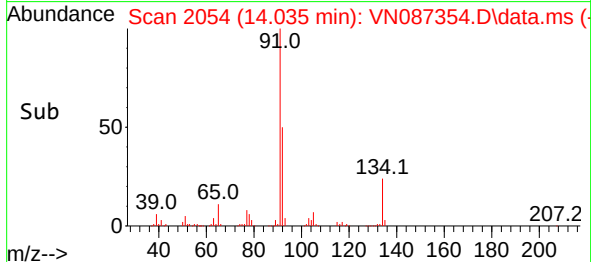
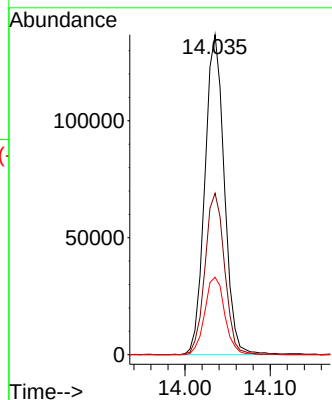
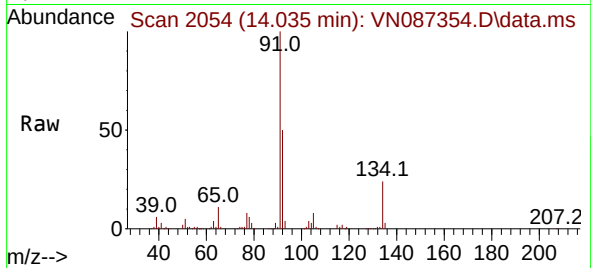




#85  
n-Butylbenzene  
Concen: 23.118 ug/l  
RT: 14.035 min Scan# 2057  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

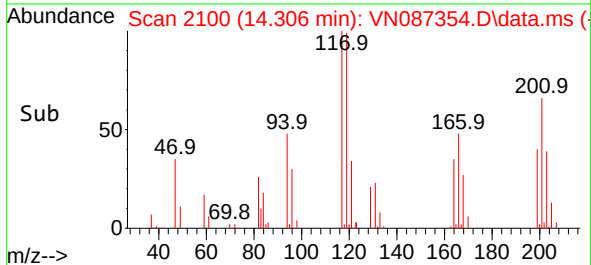
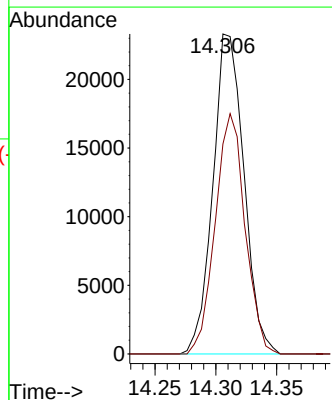
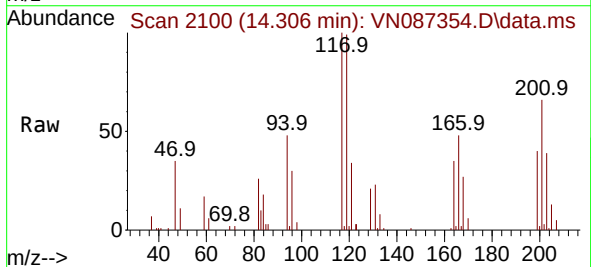
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

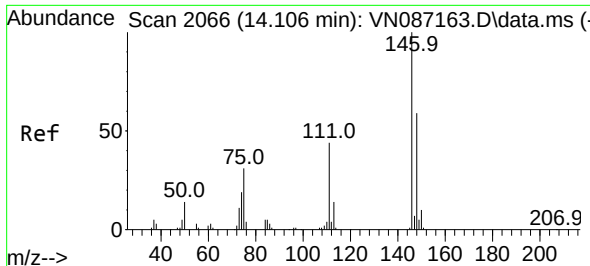
Tgt Ion: 91 Resp: 217503  
Ion Ratio Lower Upper  
91 100  
92 50.9 0.0 106.4  
134 24.9 0.0 48.8



#86  
Hexachloroethane  
Concen: 21.196 ug/l  
RT: 14.306 min Scan# 2100  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion: 117 Resp: 41372  
Ion Ratio Lower Upper  
117 100  
201 72.1 30.8 92.3

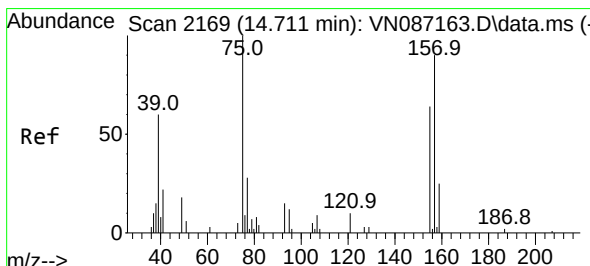
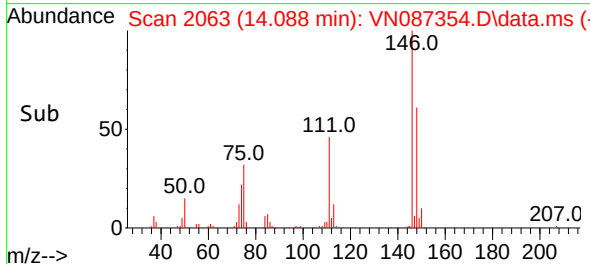
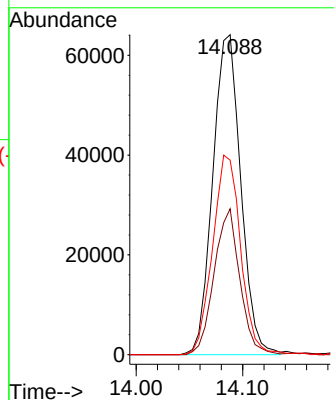
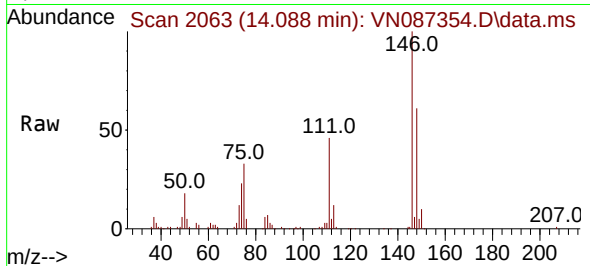




#87  
 1,2-Dichlorobenzene  
 Concen: 21.333 ug/l  
 RT: 14.088 min Scan# 2063  
 Delta R.T. -0.018 min  
 Lab File: VN087354.D  
 Acq: 18 Jul 2025 09:49

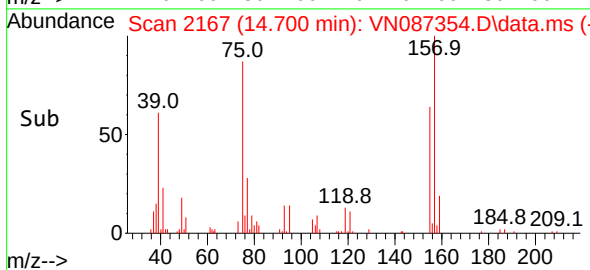
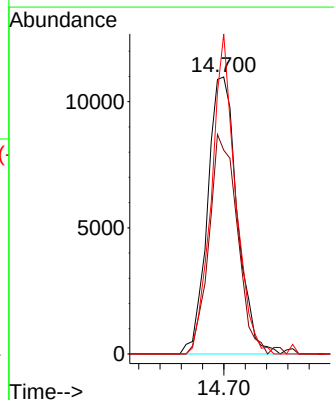
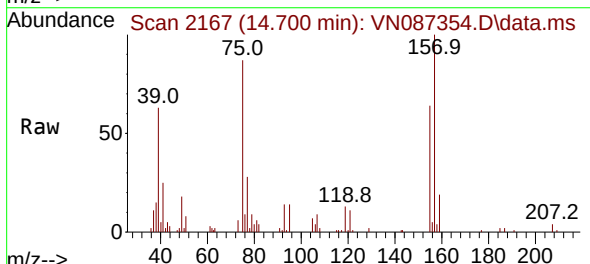
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0718WBS01

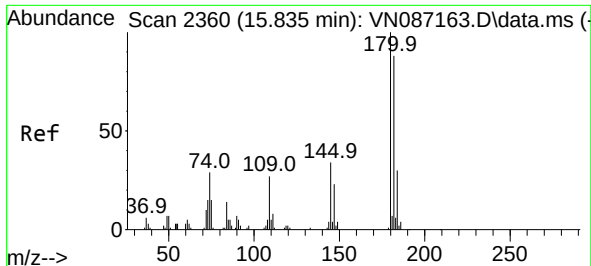
Tgt Ion:146 Resp: 117040  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 22.1 66.1  
 148 62.5 31.6 95.0



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.996 ug/l  
 RT: 14.700 min Scan# 2167  
 Delta R.T. -0.012 min  
 Lab File: VN087354.D  
 Acq: 18 Jul 2025 09:49

Tgt Ion: 75 Resp: 21197  
 Ion Ratio Lower Upper  
 75 100  
 155 75.4 58.3 87.5  
 157 93.4 79.2 118.8

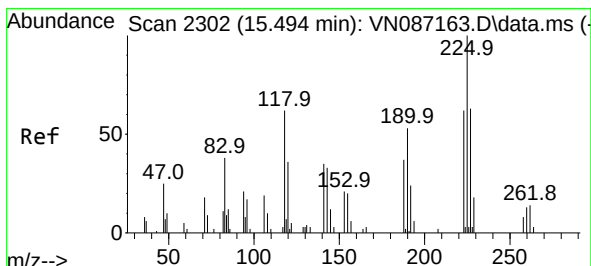
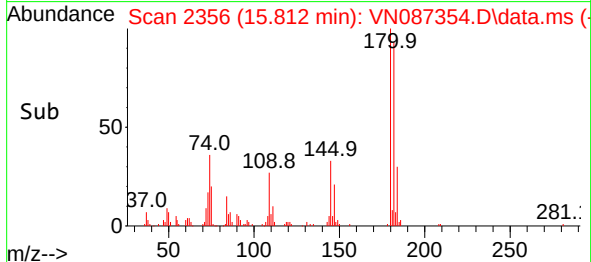
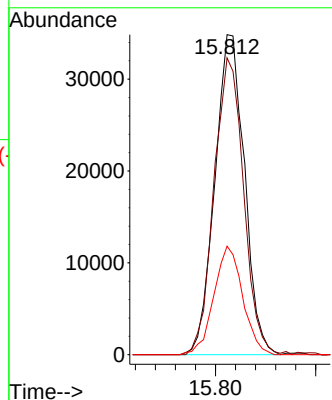
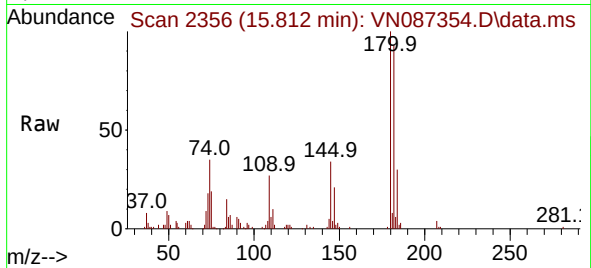




#89  
1,2,4-Trichlorobenzene  
Concen: 22.999 ug/l  
RT: 15.812 min Scan# 211  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

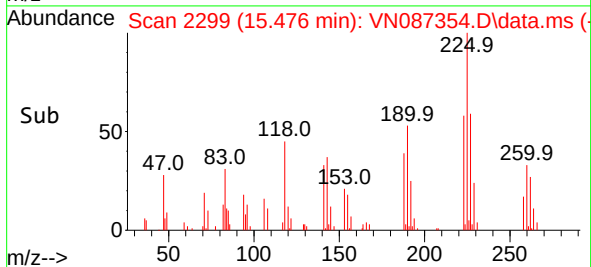
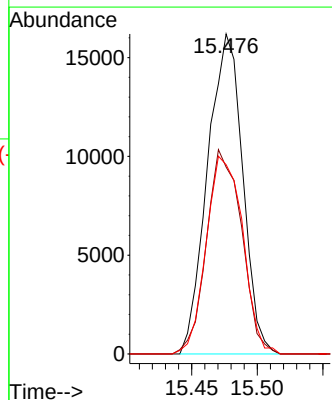
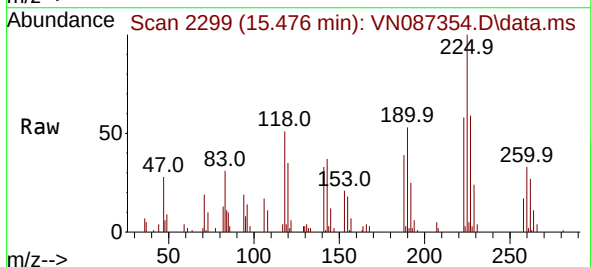
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

Tgt Ion:180 Resp: 71387  
Ion Ratio Lower Upper  
180 100  
182 92.6 74.2 111.2  
145 33.0 27.6 41.4

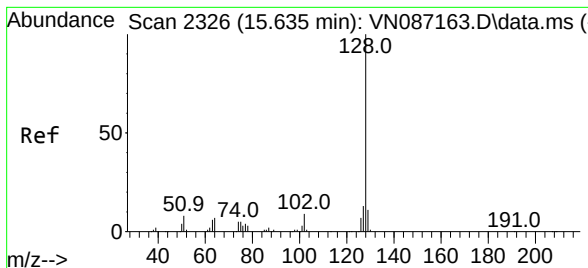


#90  
Hexachlorobutadiene  
Concen: 32.711 ug/l  
RT: 15.476 min Scan# 2299  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion:225 Resp: 30129  
Ion Ratio Lower Upper  
225 100  
223 63.9 0.0 134.2  
227 64.1 0.0 122.6



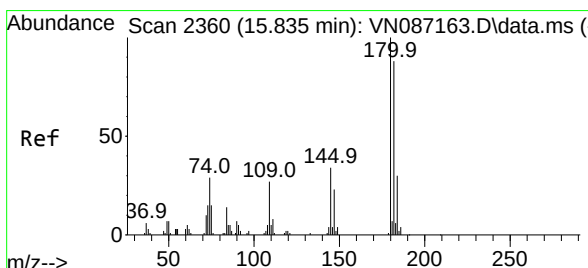
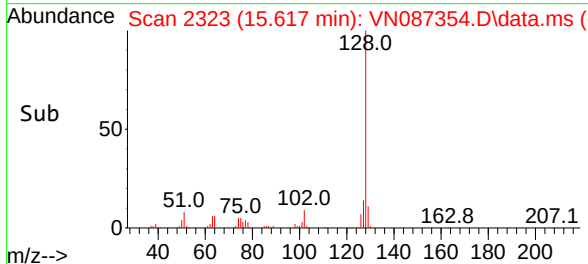
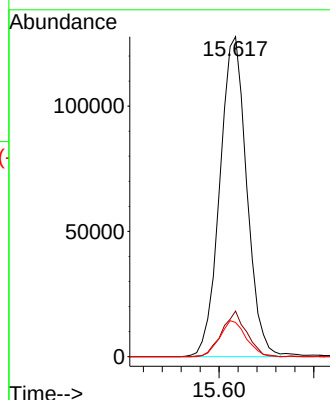
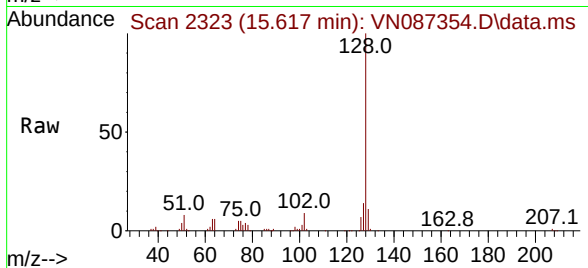




#91  
Naphthalene  
Concen: 20.621 ug/l  
RT: 15.617 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0718WBS01

Tgt Ion:128 Resp: 251907  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.6 15.8  
129 11.0 8.8 13.2



#92  
1,2,3-Trichlorobenzene  
Concen: 22.999 ug/l  
RT: 15.812 min Scan# 2356  
Delta R.T. -0.023 min  
Lab File: VN087354.D  
Acq: 18 Jul 2025 09:49

Tgt Ion:180 Resp: 71387  
Ion Ratio Lower Upper  
180 100  
182 92.6 0.0 185.4  
145 33.0 0.0 69.0

