

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090925\  
 Data File : VN087766.D  
 Acq On : 09 Sep 2025 10:20  
 Operator : JC\MD  
 Sample : VN0909WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0909WBSD01

Quant Time: Sep 10 02:28:37 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090425W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 05 03:29:53 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.788  | 128   | 51766    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.082  | 114   | 268313   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.841 | 117   | 245687   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.559  | 65    | 131699   | 29.783   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 99.267%  |
| 60) 4-Bromofluorobenzene     | 12.823 | 95    | 117136   | 29.651   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 98.833%  |
| 63) Toluene-d8               | 10.541 | 98    | 344543   | 30.155   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 100.500% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142  | 85    | 64729    | 20.119   | ug/l   | 99       |
| 3) Chloromethane             | 2.383  | 50    | 64167    | 18.999   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.536  | 62    | 75403    | 19.750   | ug/l   | 95       |
| 5) Bromomethane              | 2.989  | 94    | 42943    | 19.173   | ug/l   | 93       |
| 6) Chloroethane              | 3.148  | 64    | 45456    | 17.421   | ug/l # | 86       |
| 7) Trichlorofluoromethane    | 3.512  | 101   | 109177   | 19.509   | ug/l   | 96       |
| 8) Diethyl Ether             | 3.959  | 74    | 41341    | 17.494   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 60677    | 20.018   | ug/l   | 79       |
| 10) 1,1-Dichloroethene       | 4.336  | 96    | 60433    | 19.338   | ug/l   | 88       |
| 11) Methyl Iodide            | 4.589  | 142   | 42948    | 19.415   | ug/l   | 84       |
| 12) Methyl Acetate           | 5.012  | 43    | 88410    | 18.352   | ug/l   | 96       |
| 13) Acrolein                 | 4.265  | 56    | 915      | 1.067    | ug/l   | 94       |
| 14) Acrylonitrile            | 5.706  | 53    | 181848   | 87.700   | ug/l   | 96       |
| 15) Acetone                  | 4.424  | 58    | 58634    | 90.645   | ug/l   | 95       |
| 16) Carbon Disulfide         | 4.706  | 76    | 163326   | 19.035   | ug/l # | 93       |
| 17) Allyl chloride           | 5.006  | 41    | 93026    | 18.225   | ug/l   | 86       |
| 18) Methylene Chloride       | 5.265  | 84    | 62285    | 17.595   | ug/l   | 94       |
| 19) trans-1,2-Dichloroethene | 5.771  | 96    | 58636    | 18.397   | ug/l   | 99       |
| 20) Diisopropyl ether        | 6.659  | 45    | 199214   | 16.972   | ug/l # | 96       |
| 21) 1,1-Dichloroethane       | 6.547  | 63    | 118539   | 18.442   | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 7.465  | 96    | 71189    | 18.402   | ug/l   | 97       |
| 23) tert-Butyl Alcohol       | 5.512  | 59    | 59068    | 80.586   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.789  | 73    | 202818   | 18.179   | ug/l   | 95       |
| 25) Chloroform               | 7.947  | 83    | 121930   | 18.122   | ug/l   | 99       |
| 26) Cyclohexane              | 8.235  | 56    | 94264    | 19.257   | ug/l # | 100      |
| 29) 1,1-Dichloropropene      | 8.359  | 75    | 81115    | 18.602   | ug/l   | 97       |
| 30) 2-Butanone               | 7.471  | 43    | 259945   | 86.537   | ug/l   | 97       |
| 31) 2,2-Dichloropropane      | 7.477  | 77    | 101051   | 19.224   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 8.147  | 97    | 105653   | 19.111   | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 8.347  | 117   | 86752    | 18.820   | ug/l   | 96       |
| 34) Benzene                  | 8.588  | 78    | 254322   | 18.046   | ug/l   | 92       |
| 35) Methacrylonitrile        | 7.765  | 41    | 56470    | 17.973   | ug/l   | 98       |
| 36) 1,2-Dichloroethane       | 8.653  | 62    | 96235    | 18.078   | ug/l   | 99       |
| 37) Trichloroethene          | 9.335  | 130   | 60184    | 19.104   | ug/l   | 95       |
| 38) Methylcyclohexane        | 9.582  | 83    | 92215    | 19.206   | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 9.600  | 63    | 65757    | 18.218   | ug/l   | 92       |
| 40) Dibromomethane           | 9.688  | 93    | 47457    | 17.667   | ug/l   | 98       |
| 41) Bromodichloromethane     | 9.865  | 83    | 97614    | 17.780   | ug/l   | 98       |
| 42) Vinyl Acetate            | 6.588  | 43    | 889594   | 88.636   | ug/l   | 99       |

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 Acq On : 09 Sep 2025 10:20  
 Operator : JC\MD  
 Sample : VN0909WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0909WBSD01

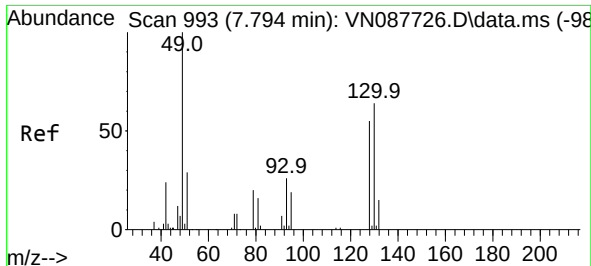
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090425W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 05 03:29:53 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.541  | 43   | 110645   | 18.028  | ug/l   | 99       |
| 44) Isopropyl Acetate         | 8.671  | 43   | 174555   | 18.143  | ug/l   | 98       |
| 45) 1,4-Dioxane               | 9.677  | 88   | 19123    | 315.174 | ug/l   | 98       |
| 46) Methyl methacrylate       | 9.659  | 41   | 77651    | 17.510  | ug/l   | 99       |
| 47) n-amyl Acetate            | 12.688 | 43   | 1614     | 0.248   | ug/l # | 1        |
| 48) t-1,3-Dichloropropene     | 10.818 | 75   | 100171   | 17.567  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 10.288 | 75   | 106538   | 18.241  | ug/l   | 95       |
| 50) 1,1,2-Trichloroethane     | 10.994 | 97   | 63695    | 18.359  | ug/l   | 90       |
| 51) Ethyl methacrylate        | 10.853 | 69   | 89781    | 16.628  | ug/l   | 93       |
| 52) 1,3-Dichloropropane       | 11.141 | 76   | 108258   | 17.969  | ug/l   | 100      |
| 53) Dibromochloromethane      | 11.335 | 129  | 70386    | 18.094  | ug/l   | 94       |
| 54) 1,2-Dibromoethane         | 11.447 | 107  | 66000    | 18.282  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 10.141 | 63   | 268977   | 86.946  | ug/l   | 99       |
| 56) Bromoform                 | 12.559 | 173  | 42273    | 16.640  | ug/l   | 98       |
| 58) 4-Methyl-2-Pentanone      | 10.424 | 43   | 531748   | 91.535  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.176 | 43   | 336907   | 88.753  | ug/l   | 99       |
| 61) Tetrachloroethene         | 11.082 | 164  | 47359    | 19.361  | ug/l   | 95       |
| 62) Toluene                   | 10.606 | 91   | 273478   | 18.402  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.870 | 112  | 167498   | 18.364  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.935 | 131  | 59496    | 18.527  | ug/l   | 95       |
| 66) Ethyl Benzene             | 11.941 | 91   | 295535   | 18.433  | ug/l   | 96       |
| 67) m/p-Xylenes               | 12.047 | 106  | 222821   | 37.440  | ug/l   | 95       |
| 68) o-Xylene                  | 12.376 | 106  | 103447   | 17.927  | ug/l   | 92       |
| 69) Styrene                   | 12.388 | 104  | 174166   | 17.366  | ug/l   | 98       |
| 70) Isopropylbenzene          | 12.670 | 105  | 276966   | 18.930  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.917 | 83   | 97832    | 18.599  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.970 | 75   | 123564   | 23.925  | ug/l   | 55       |
| 73) Bromobenzene              | 12.959 | 156  | 64542    | 18.030  | ug/l   | 96       |
| 74) n-propylbenzene           | 13.012 | 91   | 350861   | 19.005  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 13.100 | 91   | 202618   | 18.236  | ug/l   | 96       |
| 76) 1,3,5-Trimethylbenzene    | 13.147 | 105  | 235895   | 19.092  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 12.712 | 75   | 31878    | 18.287  | ug/l   | 94       |
| 78) 4-Chlorotoluene           | 13.200 | 91   | 210726   | 18.812  | ug/l   | 98       |
| 79) tert-butylbenzene         | 13.412 | 119  | 201723   | 19.495  | ug/l   | 97       |
| 80) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 237570   | 18.755  | ug/l   | 99       |
| 81) sec-Butylbenzene          | 13.594 | 105  | 302627   | 19.884  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 13.706 | 119  | 246675   | 19.671  | ug/l   | 96       |
| 83) 1,3-Dichlorobenzene       | 13.712 | 146  | 129435   | 18.755  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 13.788 | 146  | 130400   | 18.851  | ug/l   | 100      |
| 85) n-Butylbenzene            | 14.035 | 91   | 244479   | 20.282  | ug/l   | 99       |
| 86) Hexachloroethane          | 14.306 | 117  | 48957    | 19.220  | ug/l   | 97       |
| 87) 1,2-Dichlorobenzene       | 14.082 | 146  | 123458   | 18.968  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.694 | 75   | 22211    | 19.028  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene    | 15.811 | 180  | 67194    | 18.150  | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 15.470 | 225  | 27278    | 21.979  | ug/l   | 92       |
| 91) Naphthalene               | 15.611 | 128  | 243183   | 17.843  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 67194    | 18.150  | ug/l   | 97       |

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

Quant Time: Sep 10 02:28:37 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090425W.M  
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QLast Update : Fri Sep 05 03:29:53 2025  
Response via : Initial Calibration

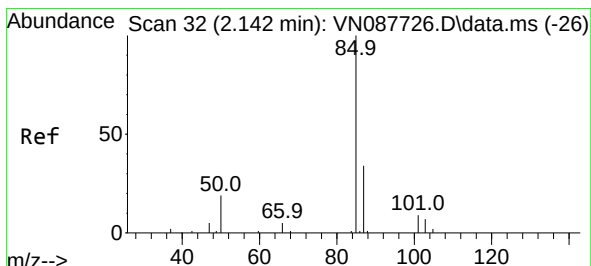
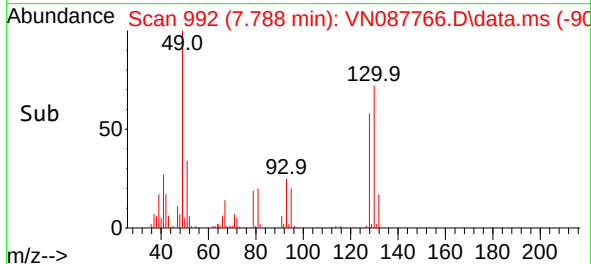
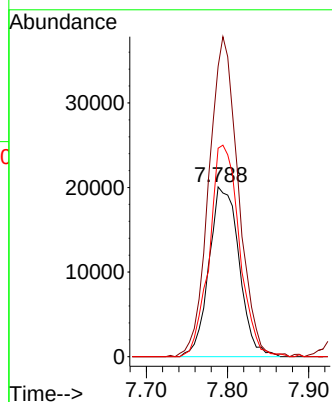
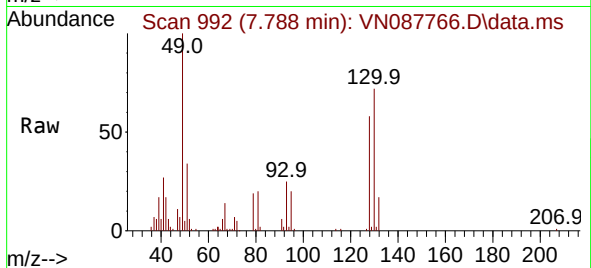




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.788 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

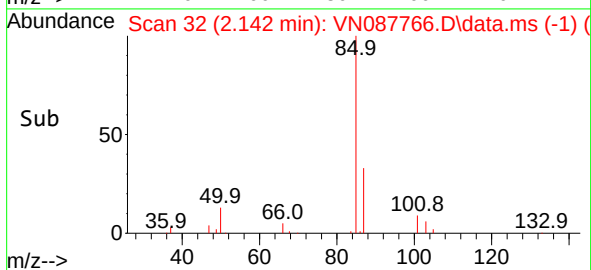
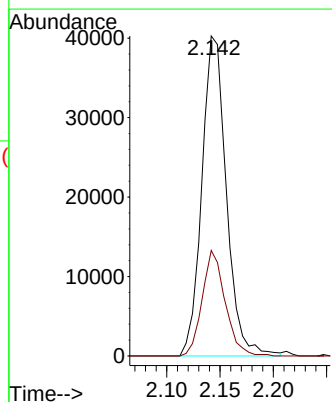
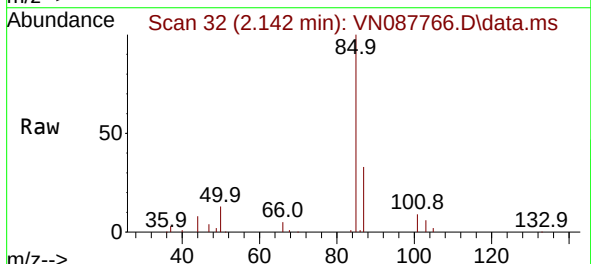
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

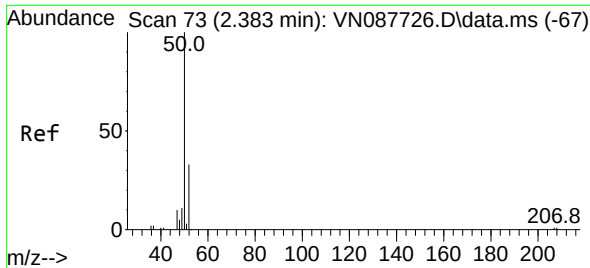
Tgt Ion:128 Resp: 51766  
Ion Ratio Lower Upper  
128 100  
49 183.7 0.0 464.3  
130 123.8 0.0 300.5



#2  
Dichlorodifluoromethane  
Concen: 20.119 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 85 Resp: 64729  
Ion Ratio Lower Upper  
85 100  
87 33.0 16.8 50.4

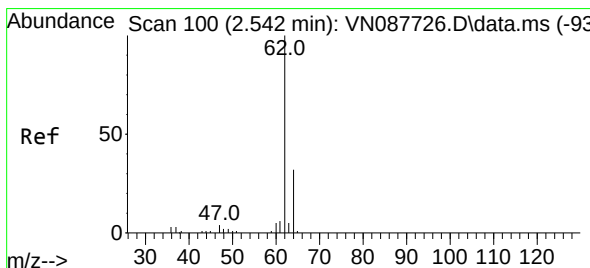
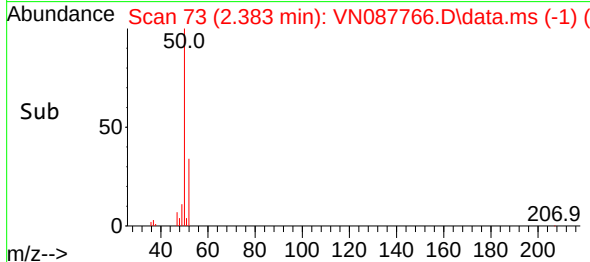
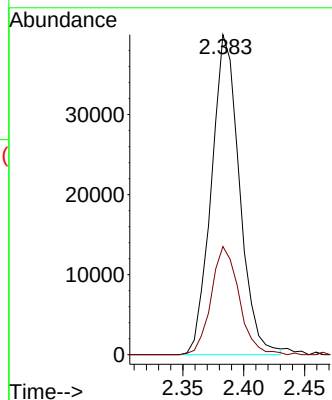
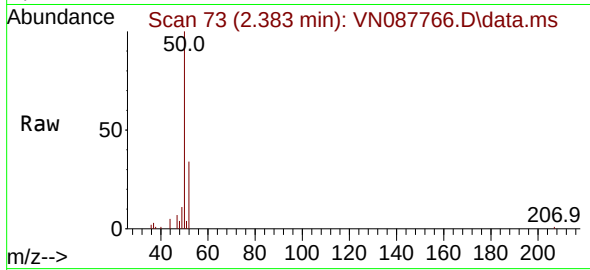




#3  
Chloromethane  
Concen: 18.999 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

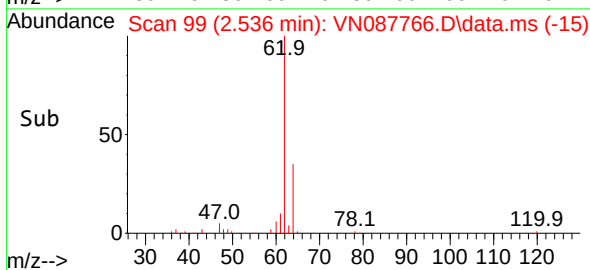
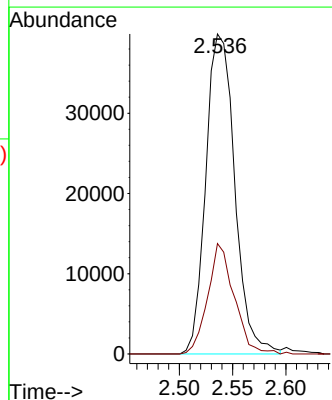
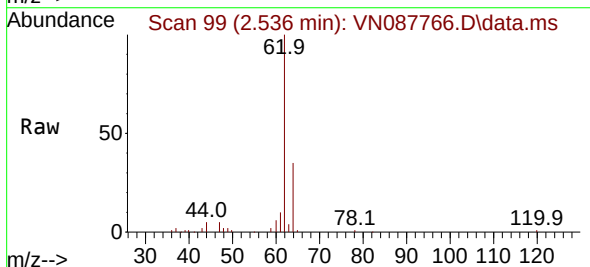
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

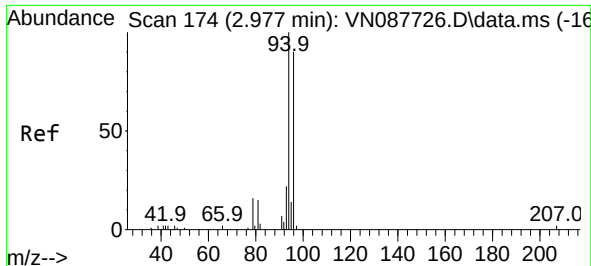
Tgt Ion: 50 Resp: 64167  
Ion Ratio Lower Upper  
50 100  
52 33.8 26.6 40.0



#4  
Vinyl Chloride  
Concen: 19.750 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 62 Resp: 75403  
Ion Ratio Lower Upper  
62 100  
64 34.5 25.5 38.3

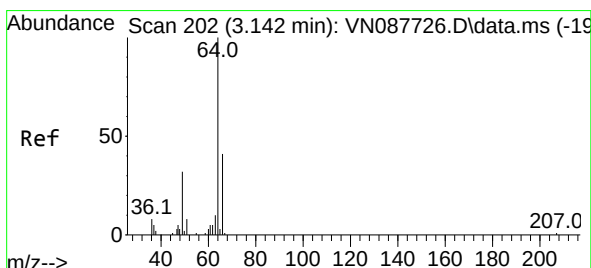
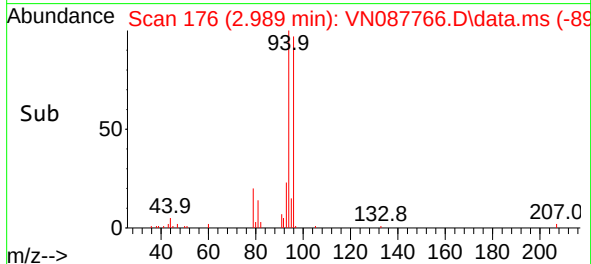
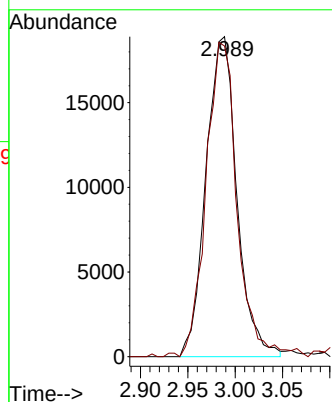
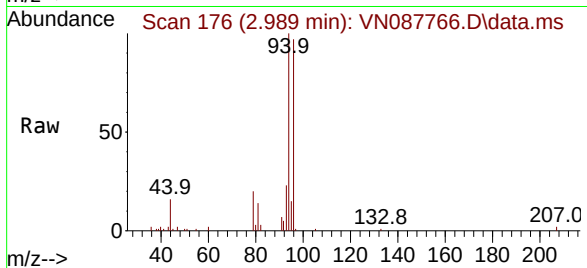




#5  
Bromomethane  
Concen: 19.173 ug/l  
RT: 2.989 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

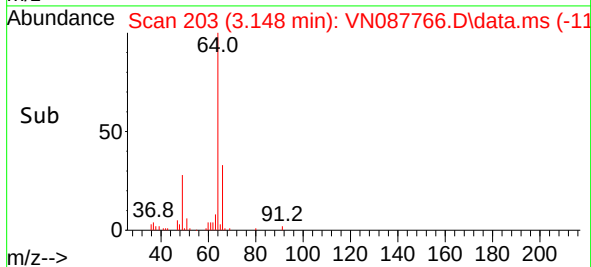
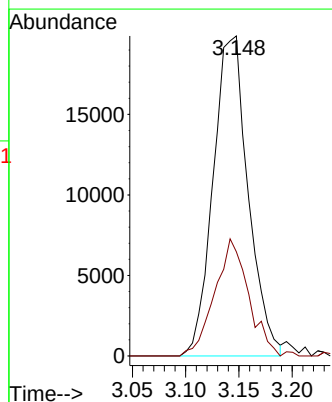
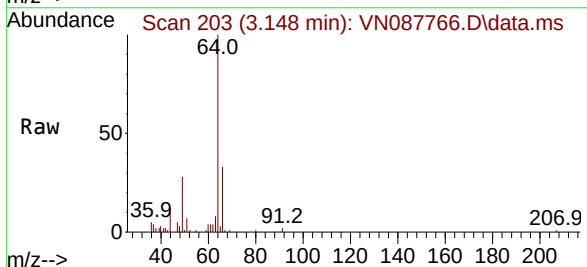
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

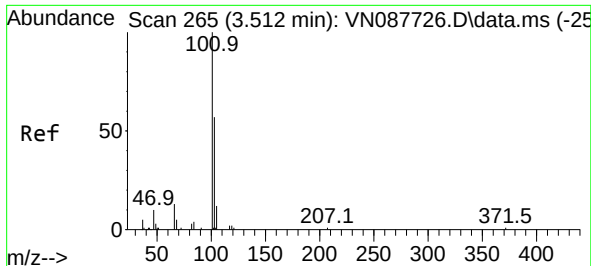
Tgt Ion: 94 Resp: 42943  
Ion Ratio Lower Upper  
94 100  
96 97.1 72.2 108.4



#6  
Chloroethane  
Concen: 17.421 ug/l  
RT: 3.148 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 64 Resp: 45456  
Ion Ratio Lower Upper  
64 100  
66 32.5 32.8 49.2#

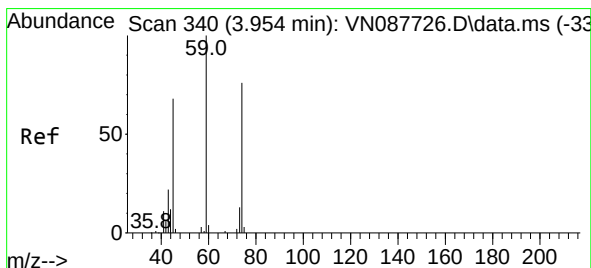
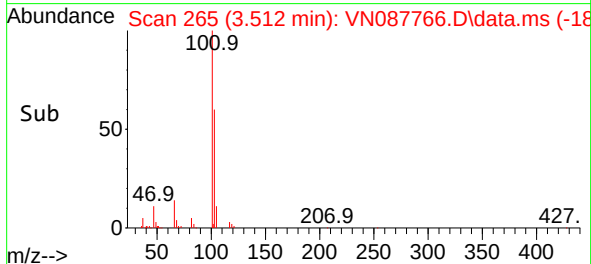
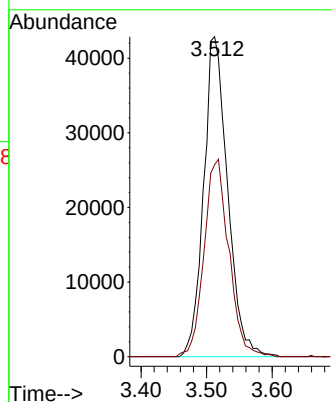
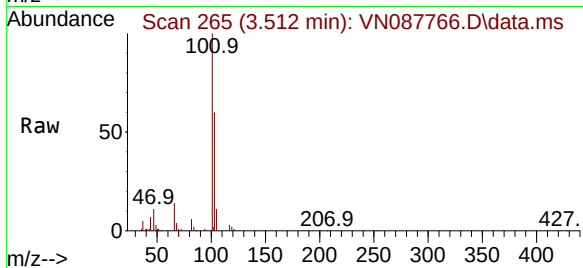




#7  
 Trichlorofluoromethane  
 Concen: 19.509 ug/l  
 RT: 3.512 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

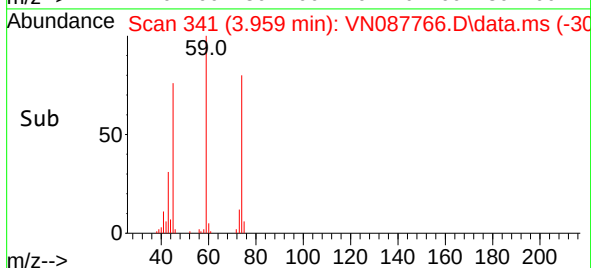
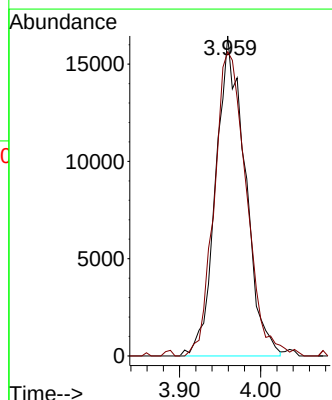
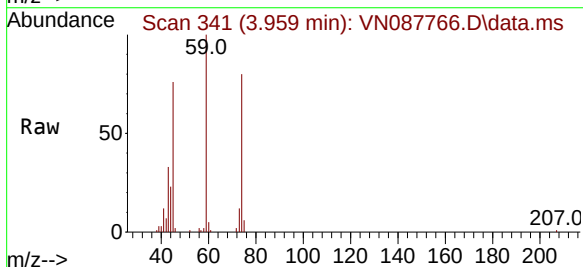
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0909WBSD01

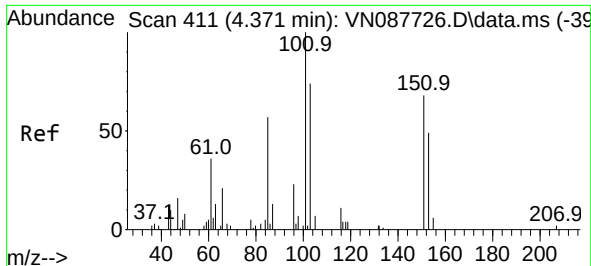
Tgt Ion:101 Resp: 109177  
 Ion Ratio Lower Upper  
 101 100  
 103 60.0 45.7 68.5



#8  
 Diethyl Ether  
 Concen: 17.494 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

Tgt Ion: 74 Resp: 41341  
 Ion Ratio Lower Upper  
 74 100  
 45 103.1 20.4 183.8

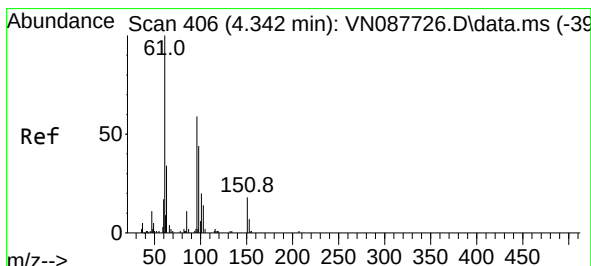
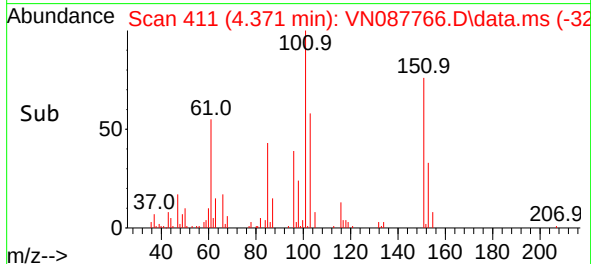
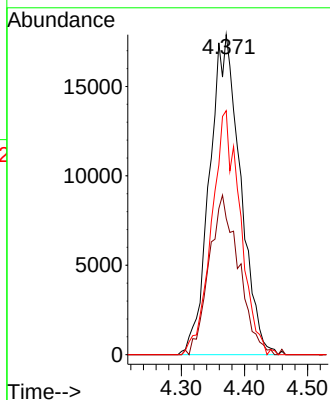
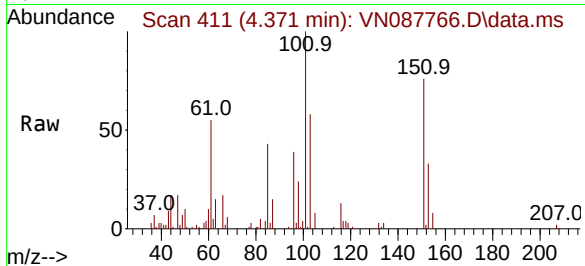




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 20.018 ug/l  
 RT: 4.371 min Scan# 411  
 Delta R.T. -0.000 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

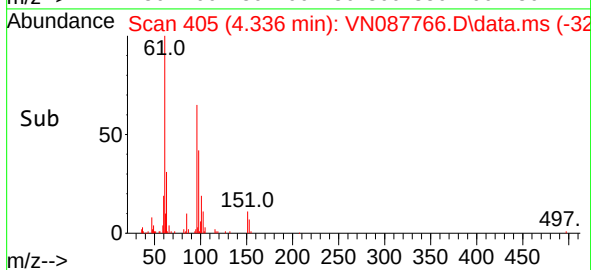
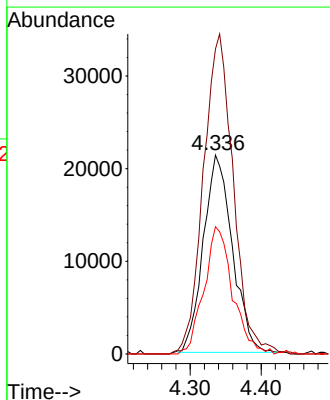
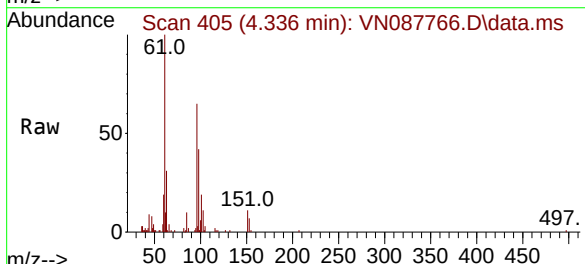
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0909WBSD01

Tgt Ion:101 Resp: 60677  
 Ion Ratio Lower Upper  
 101 100  
 85 48.0 0.0 95.6  
 151 70.4 0.0 85.8

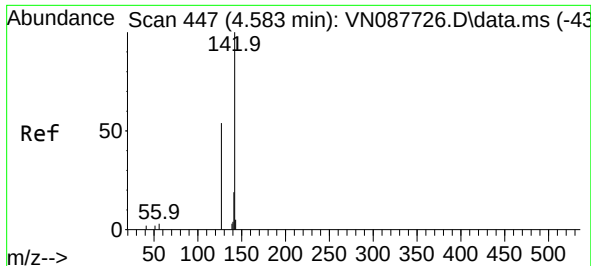


#10  
 1,1-Dichloroethene  
 Concen: 19.338 ug/l  
 RT: 4.336 min Scan# 405  
 Delta R.T. -0.006 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

Tgt Ion: 96 Resp: 60433  
 Ion Ratio Lower Upper  
 96 100  
 61 153.3 135.9 203.9  
 98 64.5 59.2 88.8



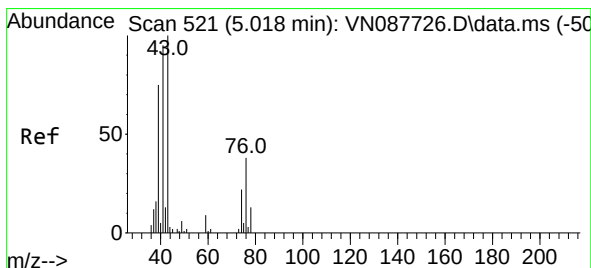
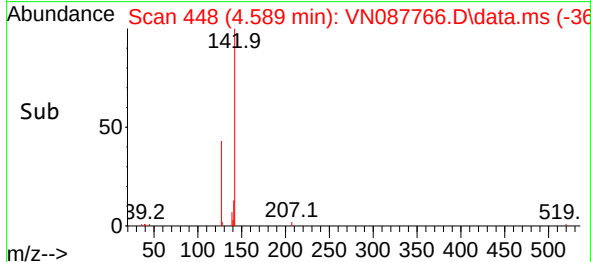
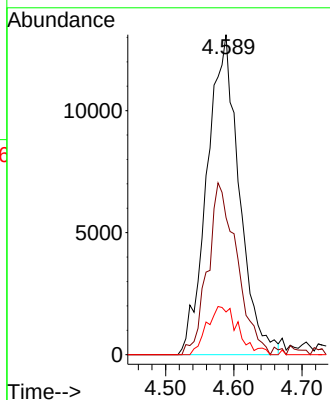
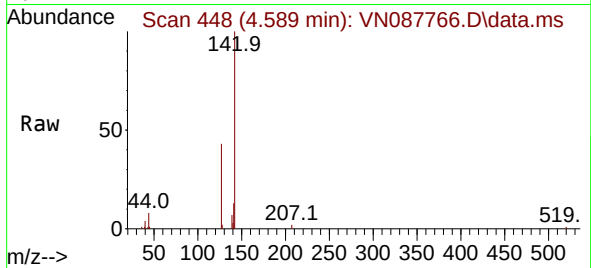




#11  
Methyl Iodide  
Concen: 19.415 ug/l  
RT: 4.589 min Scan# 447  
Delta R.T. 0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

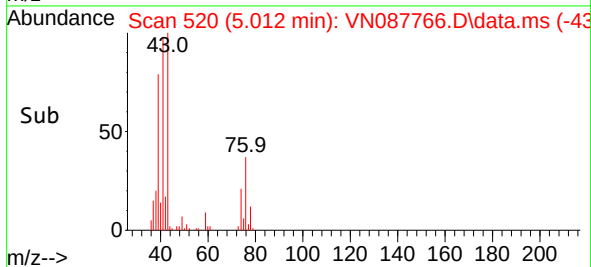
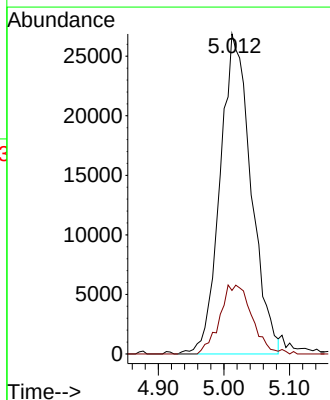
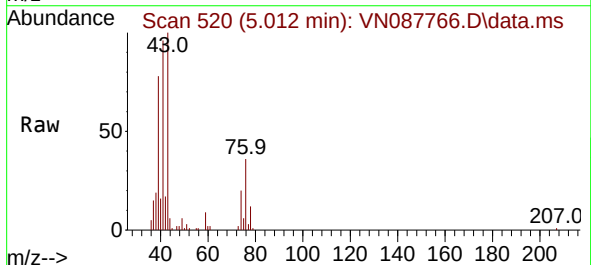
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

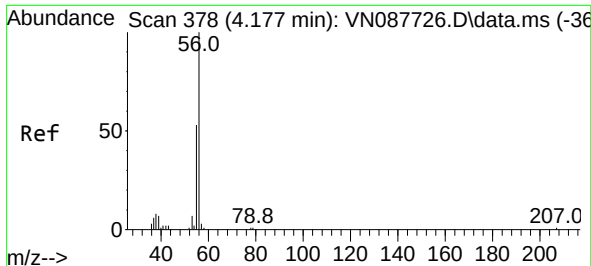
Tgt Ion:142 Resp: 42948  
Ion Ratio Lower Upper  
142 100  
127 42.8 27.9 83.7  
141 13.6 9.6 28.8



#12  
Methyl Acetate  
Concen: 18.352 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 43 Resp: 88410  
Ion Ratio Lower Upper  
43 100  
74 19.9 17.5 26.3

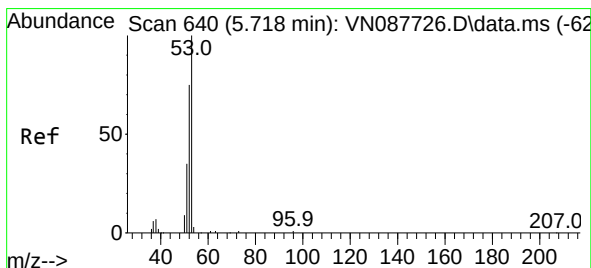
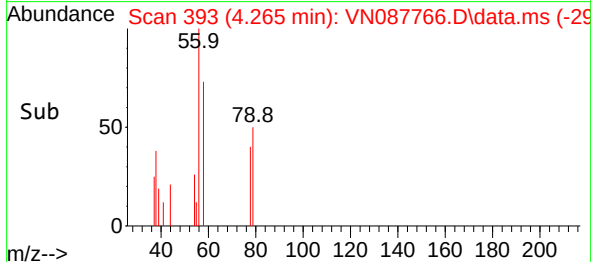
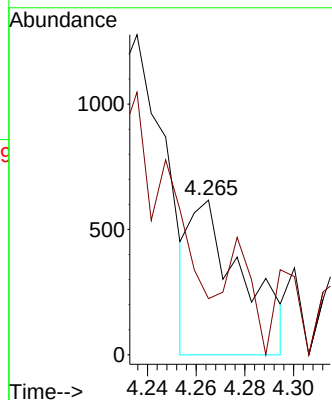
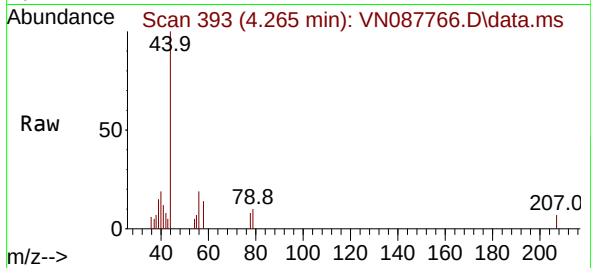




#13  
Acrolein  
Concen: 1.067 ug/l  
RT: 4.265 min Scan# 393  
Delta R.T. 0.088 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

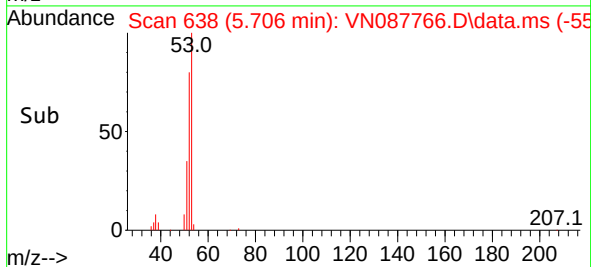
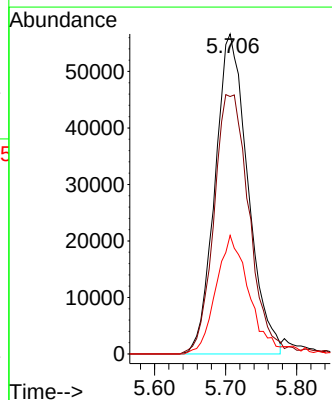
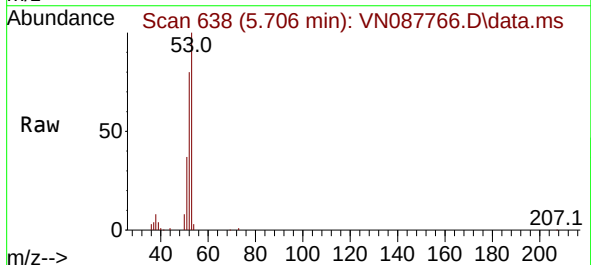
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

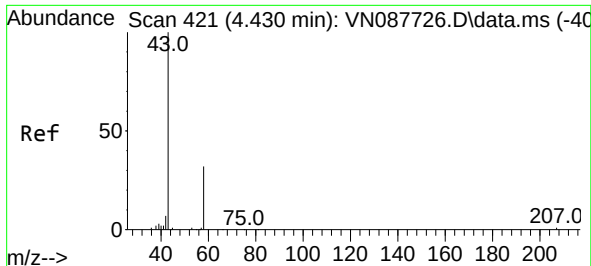
Tgt Ion: 56 Resp: 915  
Ion Ratio Lower Upper  
56 100  
55 39.2 28.6 42.8



#14  
Acrylonitrile  
Concen: 87.700 ug/l  
RT: 5.706 min Scan# 638  
Delta R.T. -0.012 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 53 Resp: 181848  
Ion Ratio Lower Upper  
53 100  
52 86.3 40.9 122.7  
51 37.0 18.1 54.1





#15

Acetone

Concen: 90.645 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA\_N

ClientSampleId :

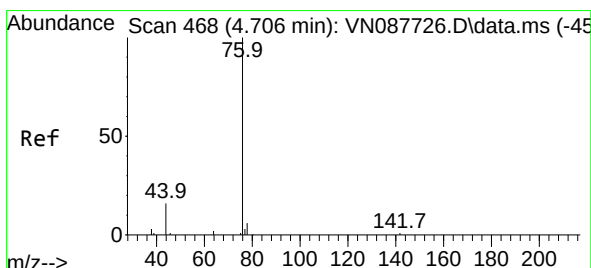
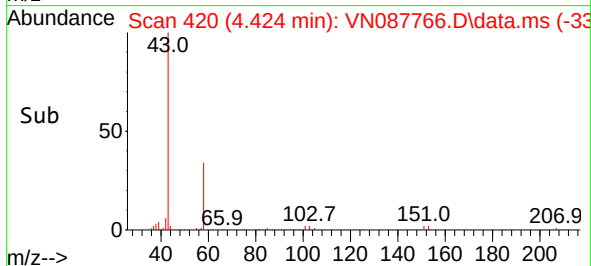
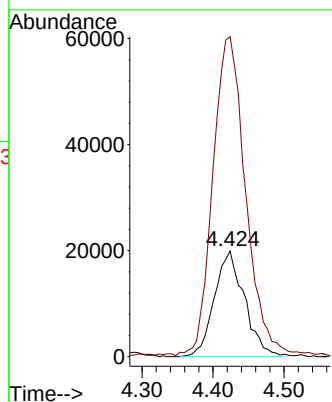
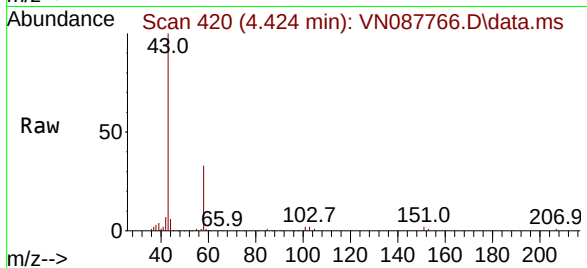
VN0909WBSD01

Tgt Ion: 58 Resp: 58634

Ion Ratio Lower Upper

58 100

43 302.6 250.6 376.0



#16

Carbon Disulfide

Concen: 19.035 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.000 min

Lab File: VN087766.D

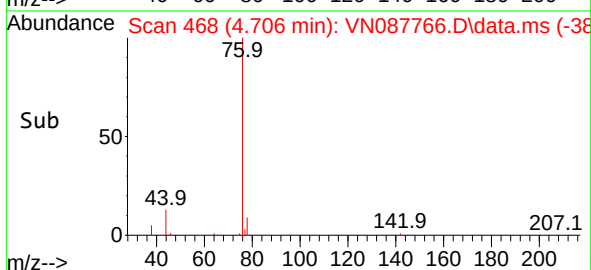
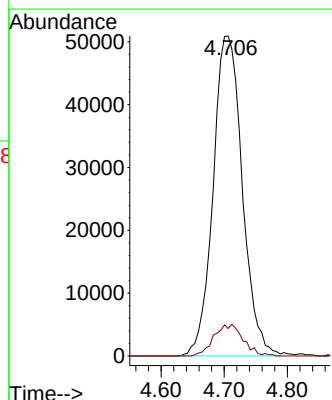
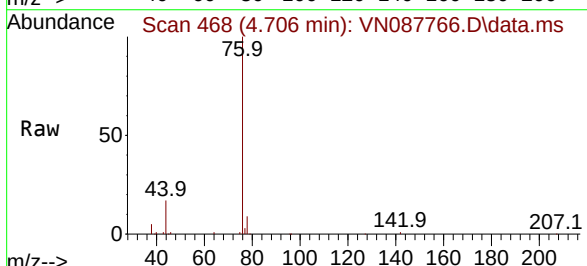
Acq: 09 Sep 2025 10:20

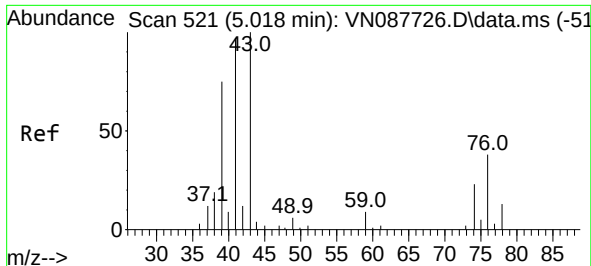
Tgt Ion: 76 Resp: 163326

Ion Ratio Lower Upper

76 100

78 8.6 5.0 7.6#

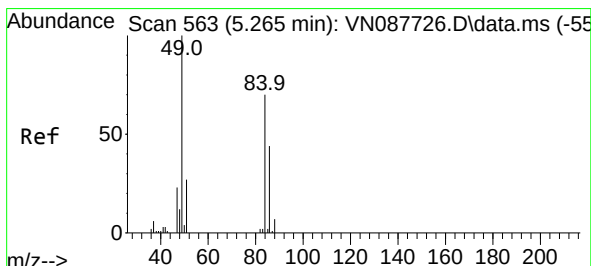
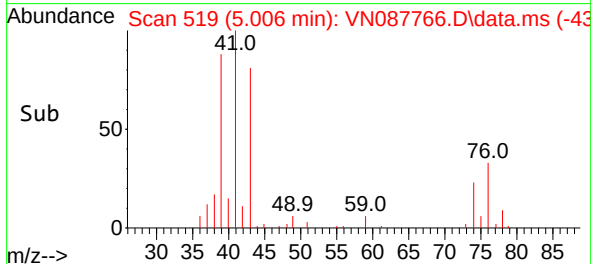
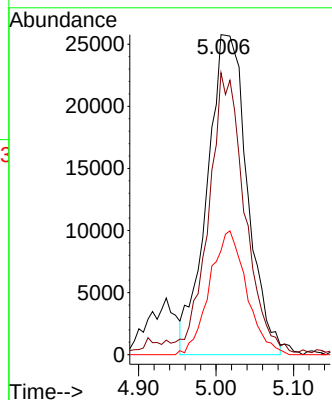
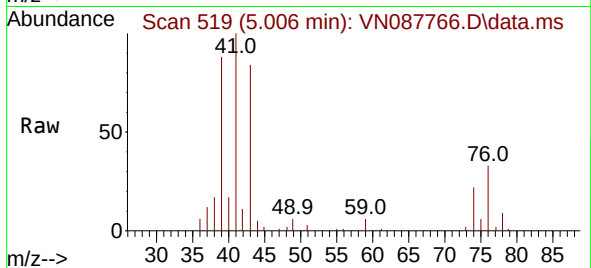




#17  
 Allyl chloride  
 Concen: 18.225 ug/l  
 RT: 5.006 min Scan# 519  
 Delta R.T. -0.012 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

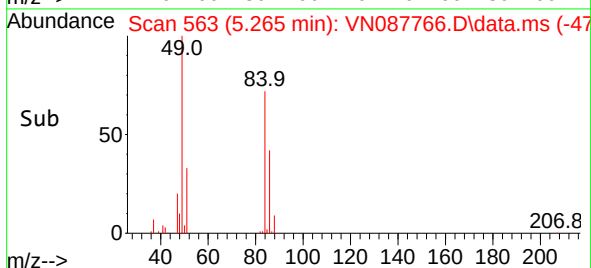
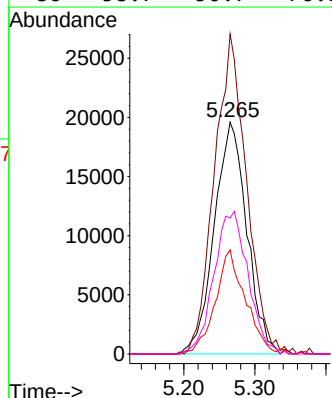
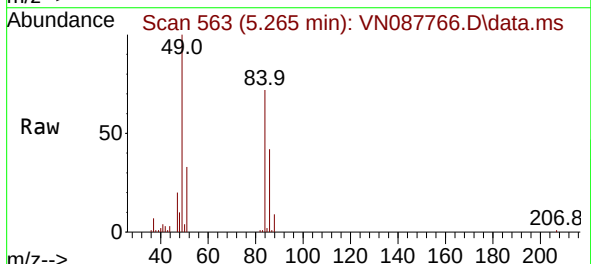
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0909WBSD01

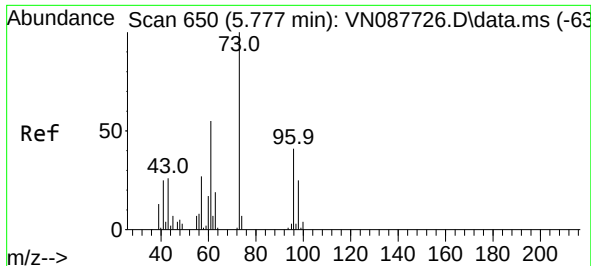
Tgt Ion: 41 Resp: 93026  
 Ion Ratio Lower Upper  
 41 100  
 39 88.0 36.7 110.1  
 76 32.2 18.3 54.8



#18  
 Methylene Chloride  
 Concen: 17.595 ug/l  
 RT: 5.265 min Scan# 563  
 Delta R.T. -0.000 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

Tgt Ion: 84 Resp: 62285  
 Ion Ratio Lower Upper  
 84 100  
 49 137.2 114.1 171.1  
 51 44.9 30.2 45.4  
 86 58.7 50.7 76.1

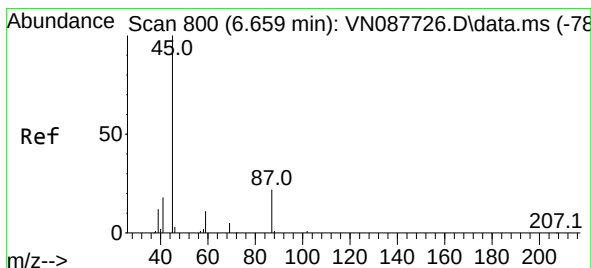
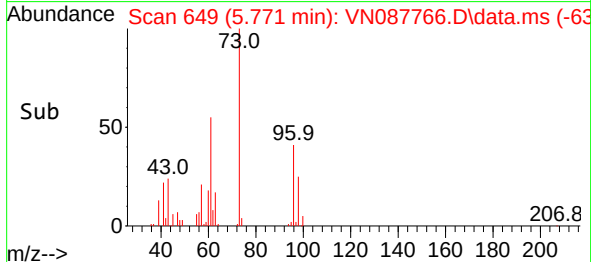
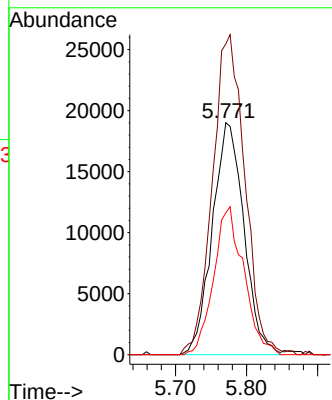
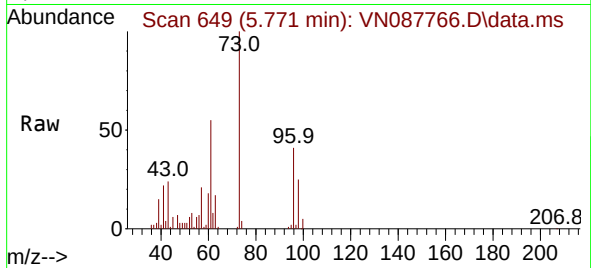




#19  
trans-1,2-Dichloroethene  
Concen: 18.397 ug/l  
RT: 5.771 min Scan# 649  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

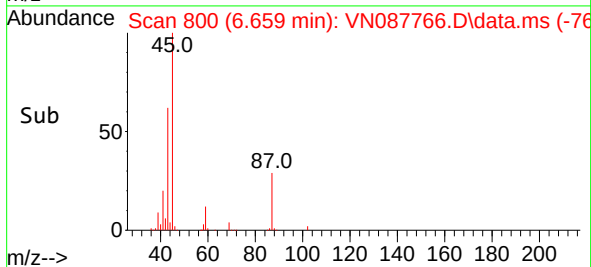
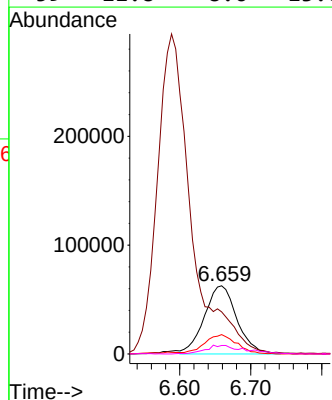
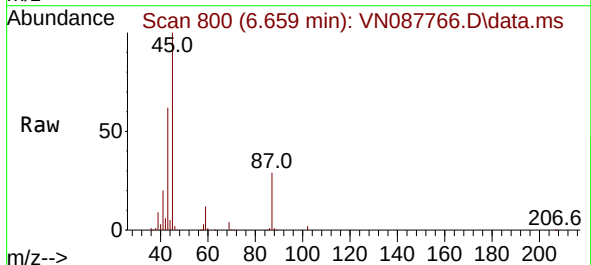
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

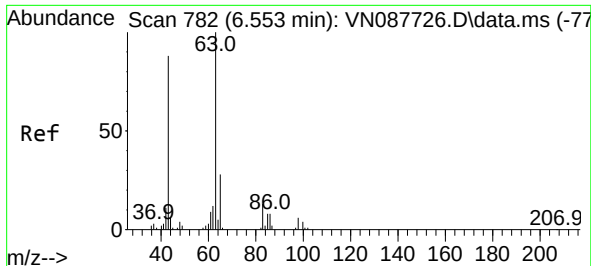
Tgt Ion: 96 Resp: 58636  
Ion Ratio Lower Upper  
96 100  
61 134.0 106.4 159.6  
98 61.2 48.9 73.3



#20  
Diisopropyl ether  
Concen: 16.972 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 45 Resp: 199214  
Ion Ratio Lower Upper  
45 100  
43 60.4 49.5 74.3  
87 28.7 18.8 28.2#  
59 11.8 8.6 13.0

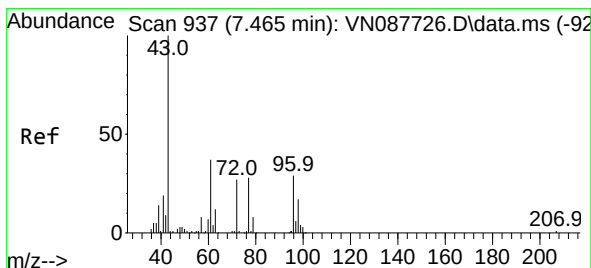
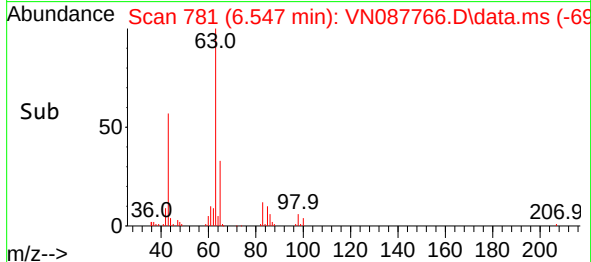
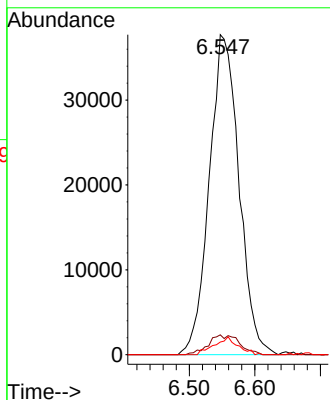
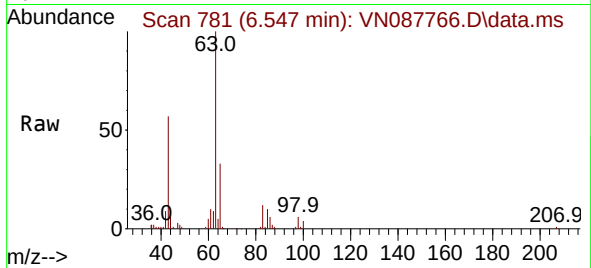




#21  
1,1-Dichloroethane  
Concen: 18.442 ug/l  
RT: 6.547 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

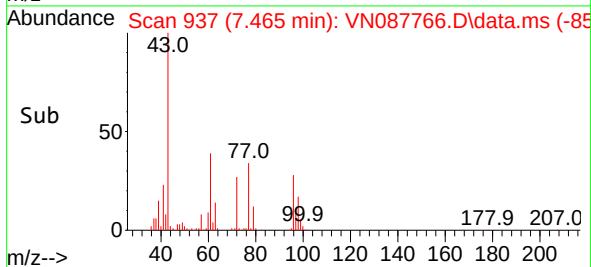
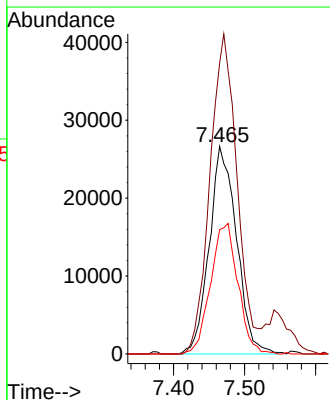
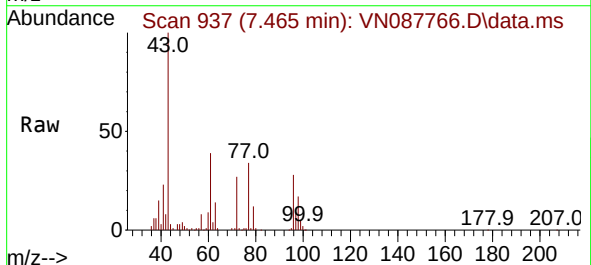
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

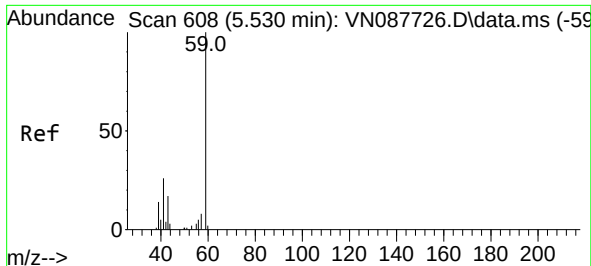
Tgt Ion: 63 Resp: 118539  
Ion Ratio Lower Upper  
63 100  
98 6.2 2.9 8.8  
100 4.0 1.8 5.3



#22  
cis-1,2-Dichloroethene  
Concen: 18.402 ug/l  
RT: 7.465 min Scan# 937  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 96 Resp: 71189  
Ion Ratio Lower Upper  
96 100  
61 152.4 118.2 177.2  
98 62.5 51.6 77.4

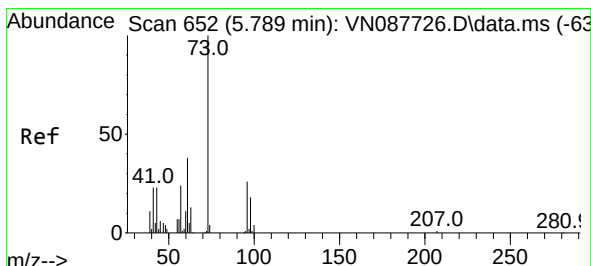
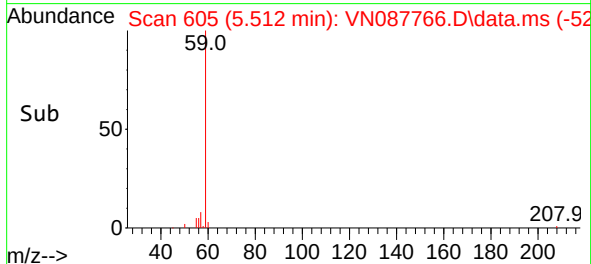
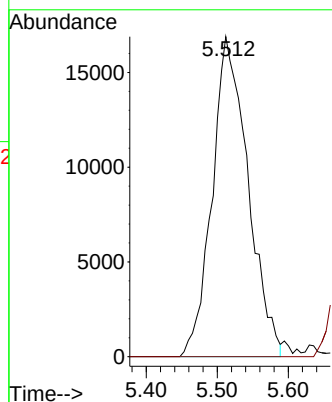
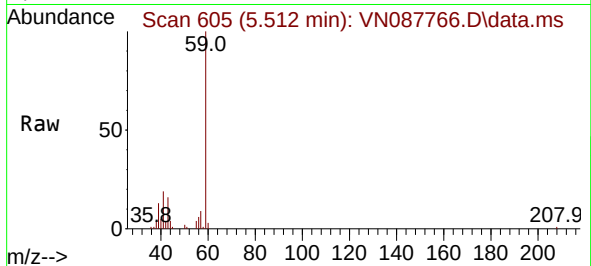




#23  
tert-Butyl Alcohol  
Concen: 80.586 ug/l  
RT: 5.512 min Scan# 605  
Delta R.T. -0.018 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

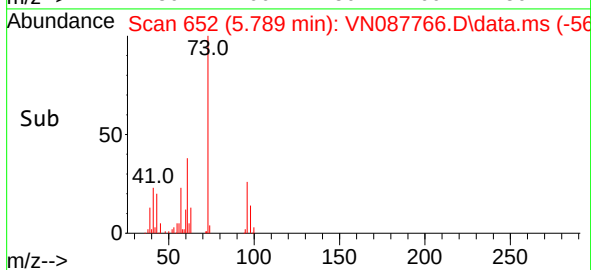
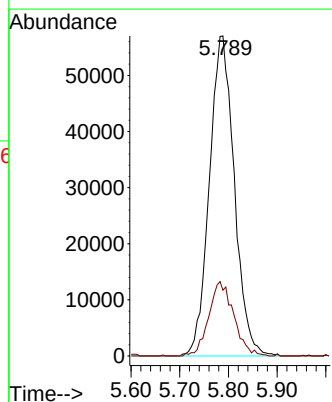
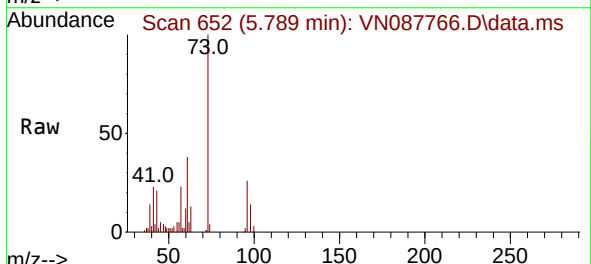
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

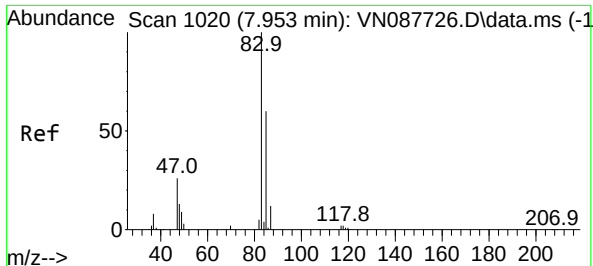
Tgt Ion: 59 Resp: 59068  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 18.179 ug/l  
RT: 5.789 min Scan# 652  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 73 Resp: 202818  
Ion Ratio Lower Upper  
73 100  
43 23.3 16.8 25.2





#25

Chloroform

Concen: 18.122 ug/l

RT: 7.947 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA\_N

ClientSampleId :

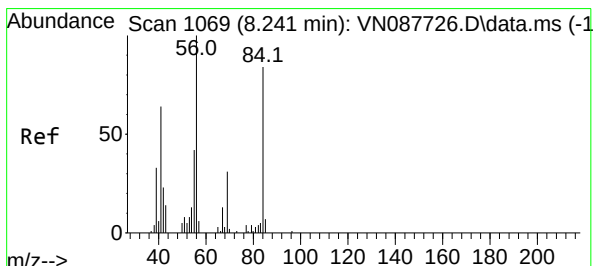
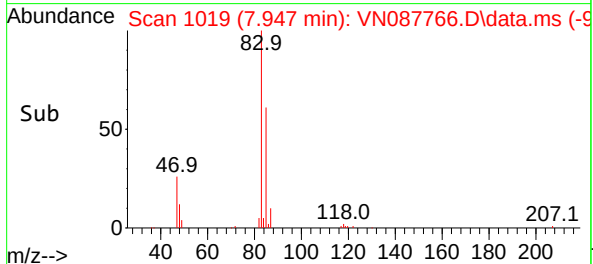
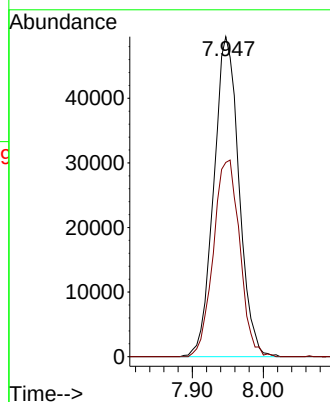
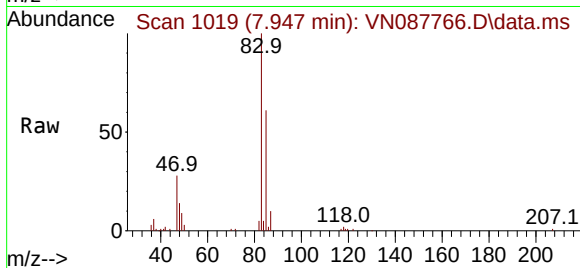
VN0909WBSD01

Tgt Ion: 83 Resp: 121930

Ion Ratio Lower Upper

83 100

85 60.7 47.7 71.5



#26

Cyclohexane

Concen: 19.257 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

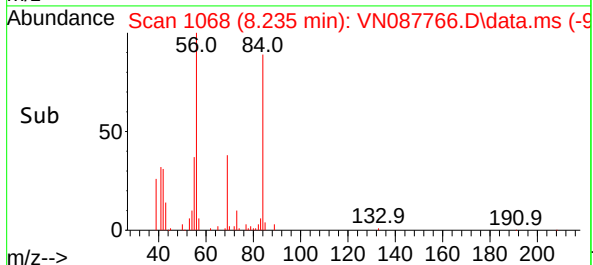
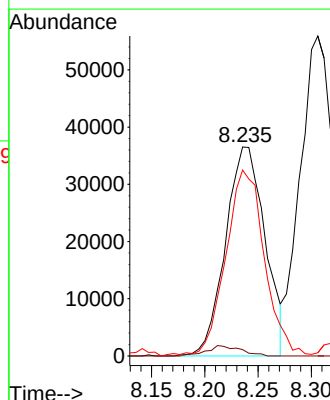
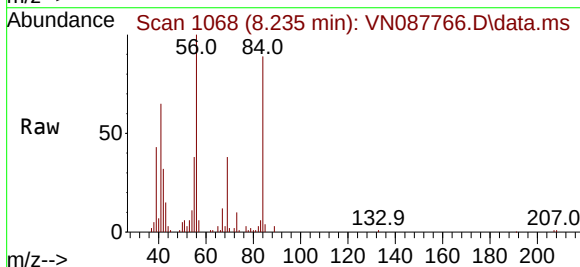
Tgt Ion: 56 Resp: 94264

Ion Ratio Lower Upper

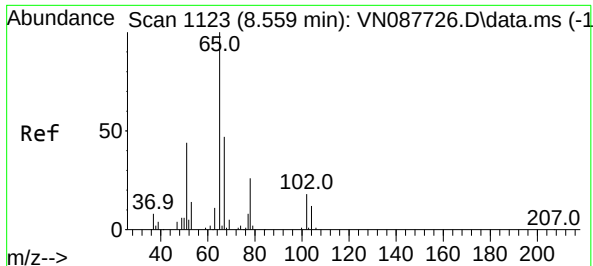
56 100

89 4.2 0.0 0.0#

84 87.1 69.4 104.2



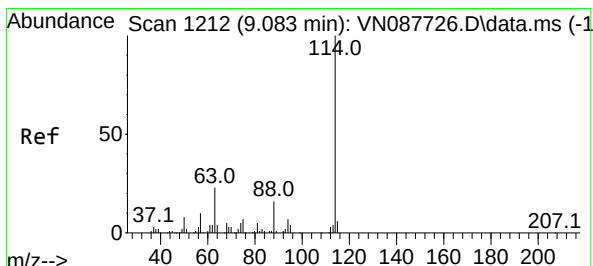
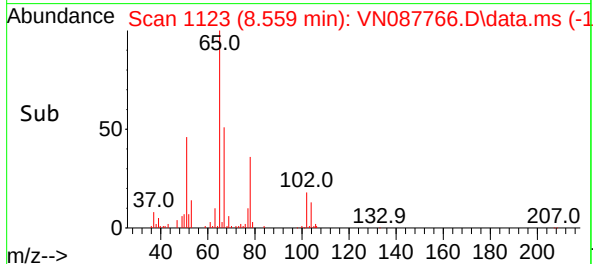
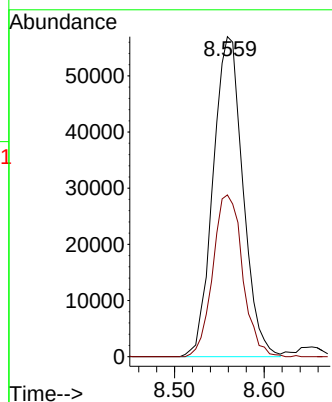
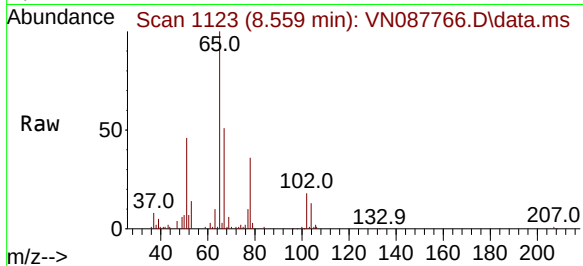




#27  
1,2-Dichloroethane-d4  
Concen: 29.783 ug/l  
RT: 8.559 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

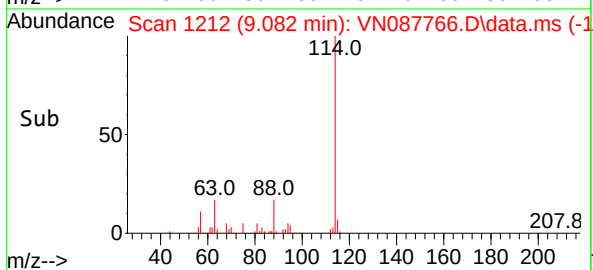
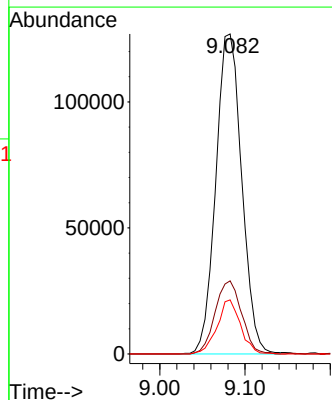
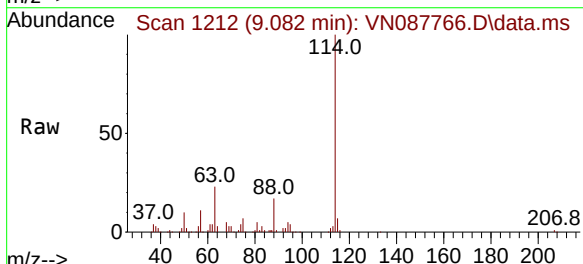
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

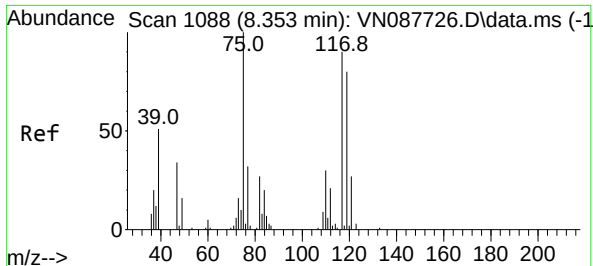
Tgt Ion: 65 Resp: 131699  
Ion Ratio Lower Upper  
65 100  
67 50.3 39.6 59.4



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.082 min Scan# 1212  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 114 Resp: 268313  
Ion Ratio Lower Upper  
114 100  
63 23.2 18.3 27.5  
88 15.3 12.4 18.6





#29

1,1-Dichloropropene

Concen: 18.602 ug/l

RT: 8.359 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0909WBSD01

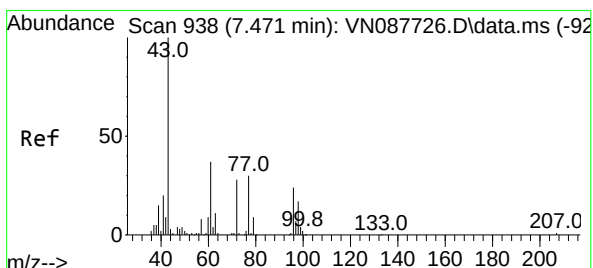
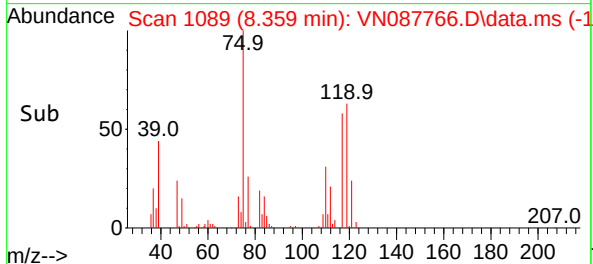
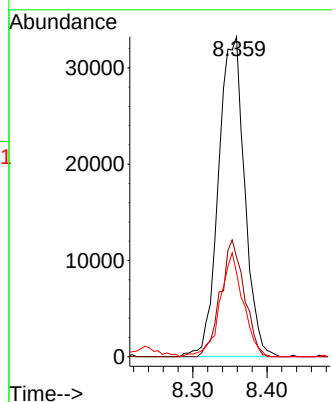
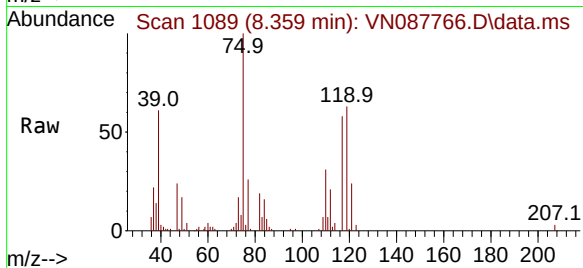
Tgt Ion: 75 Resp: 81115

Ion Ratio Lower Upper

75 100

110 33.3 0.0 64.4

77 28.8 0.0 62.2



#30

2-Butanone

Concen: 86.537 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

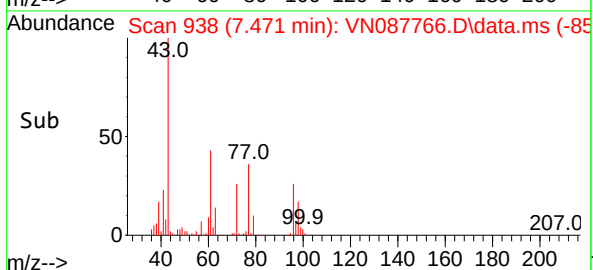
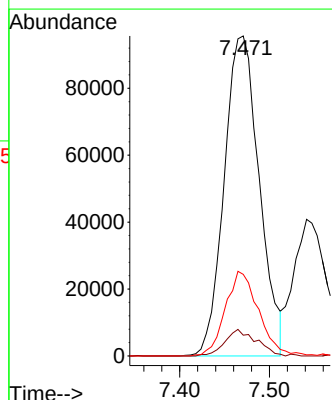
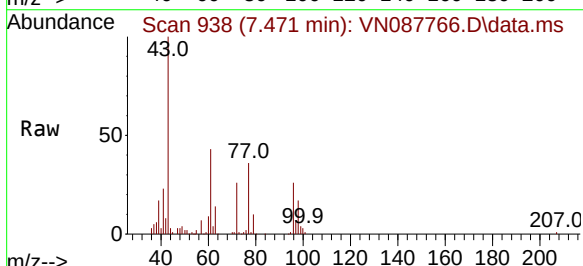
Tgt Ion: 43 Resp: 259945

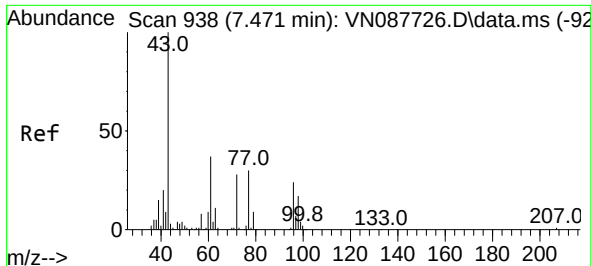
Ion Ratio Lower Upper

43 100

57 7.5 6.3 9.5

72 24.8 21.4 32.2

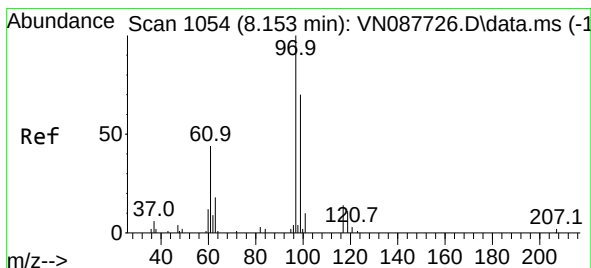
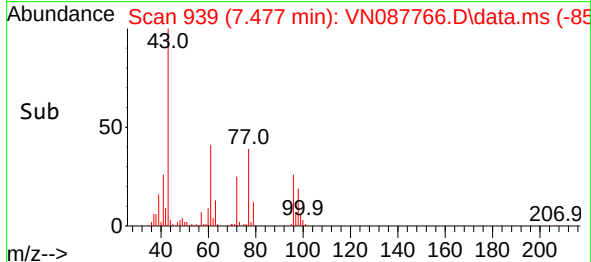
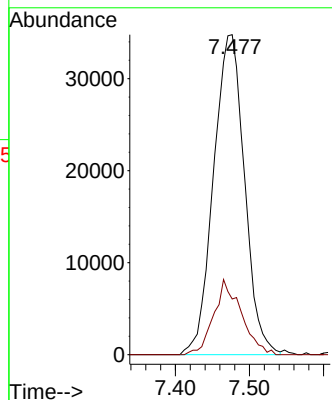
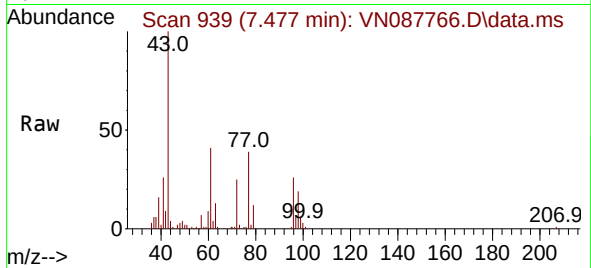




#31  
2,2-Dichloropropane  
Concen: 19.224 ug/l  
RT: 7.477 min Scan# 910  
Delta R.T. 0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

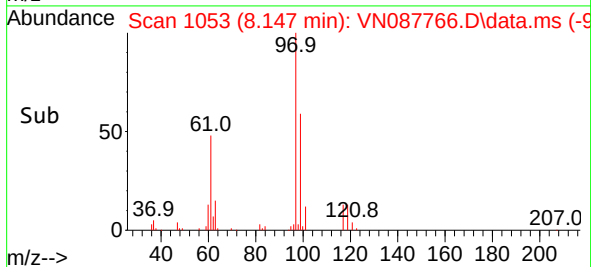
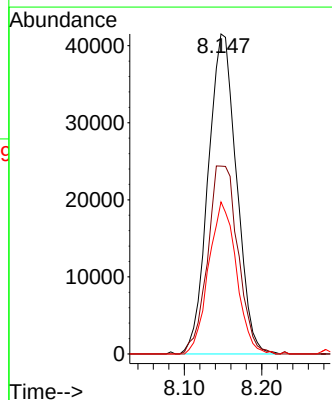
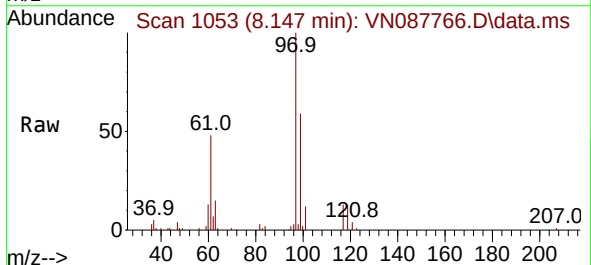
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

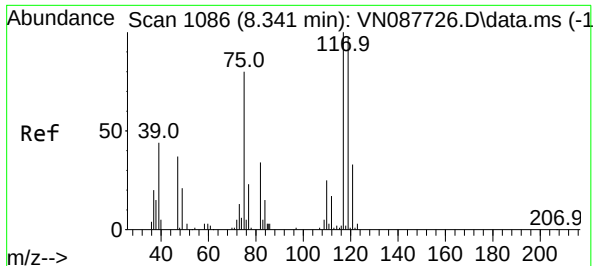
Tgt Ion: 77 Resp: 101051  
Ion Ratio Lower Upper  
77 100  
97 21.0 17.1 25.7



#32  
1,1,1-Trichloroethane  
Concen: 19.111 ug/l  
RT: 8.147 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 97 Resp: 105653  
Ion Ratio Lower Upper  
97 100  
99 62.8 52.2 78.4  
61 46.5 37.9 56.9

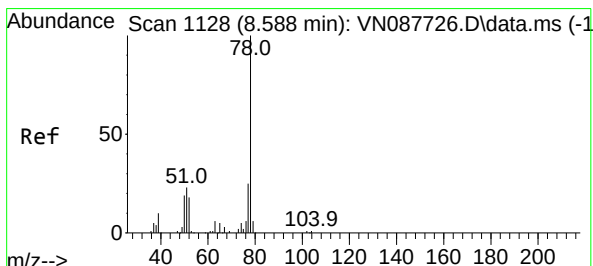
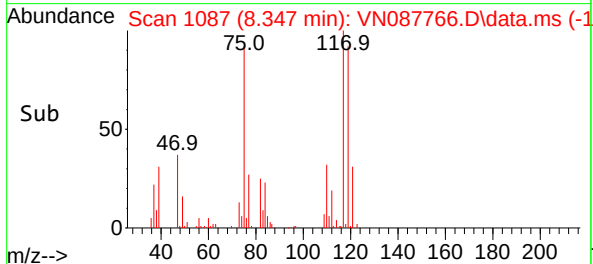
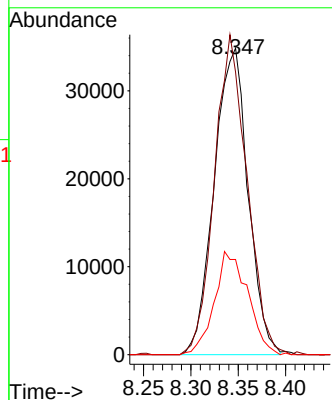
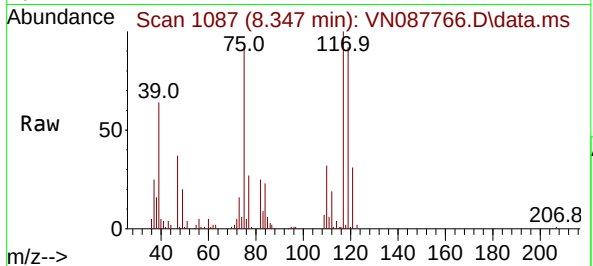




#33  
Carbon Tetrachloride  
Concen: 18.820 ug/l  
RT: 8.347 min Scan# 1086  
Delta R.T. 0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

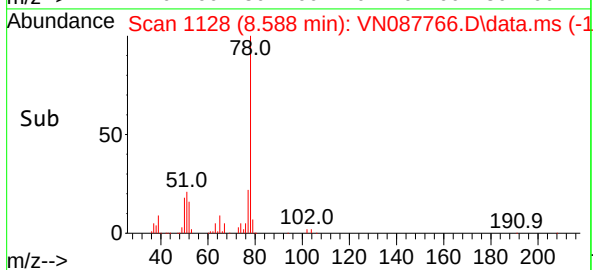
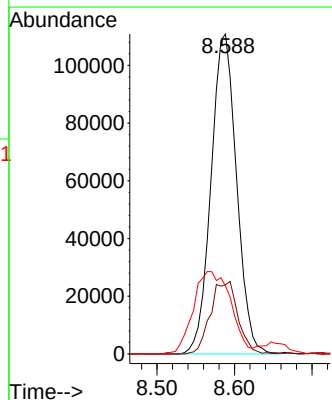
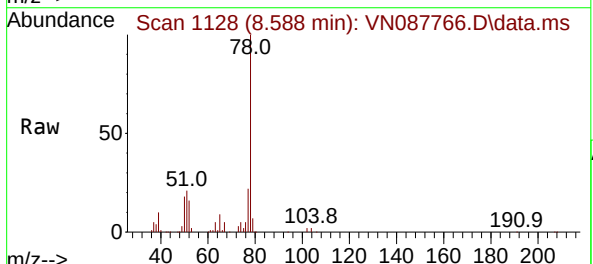
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

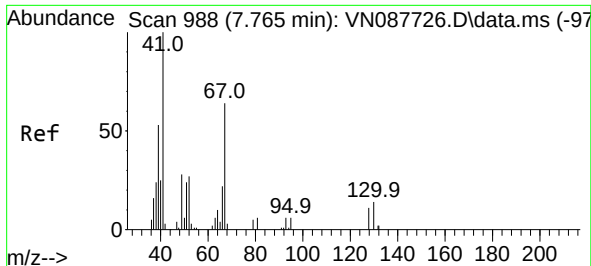
Tgt Ion:117 Resp: 86752  
Ion Ratio Lower Upper  
117 100  
119 92.2 77.3 115.9  
121 31.0 26.6 39.8



#34  
Benzene  
Concen: 18.046 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 78 Resp: 254322  
Ion Ratio Lower Upper  
78 100  
77 21.7 20.3 30.5  
51 18.3 18.0 27.0

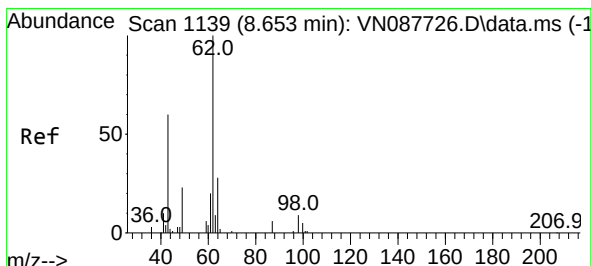
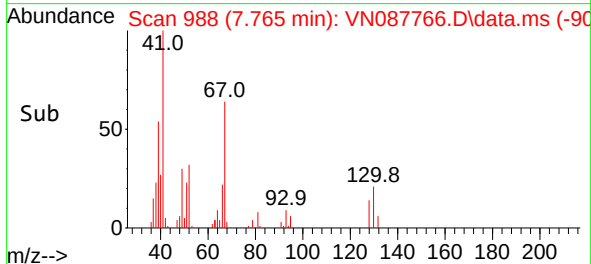
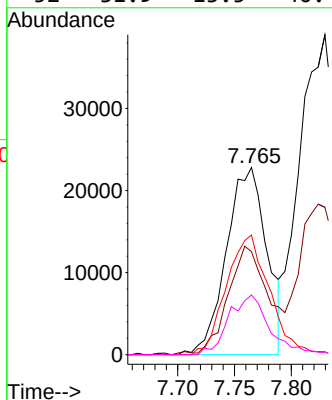
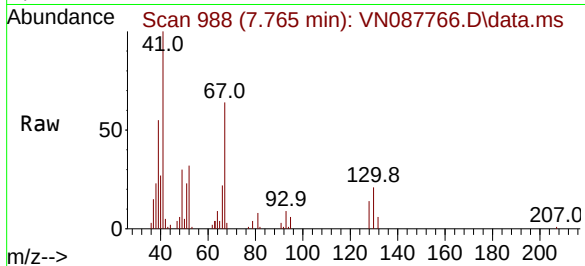




#35  
Methacrylonitrile  
Concen: 17.973 ug/l  
RT: 7.765 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

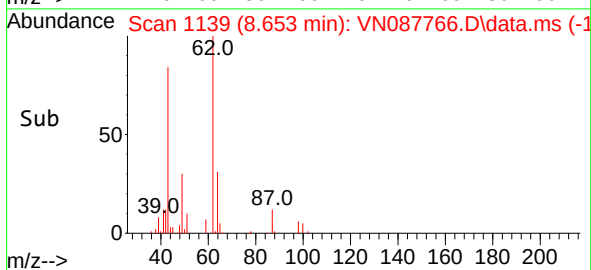
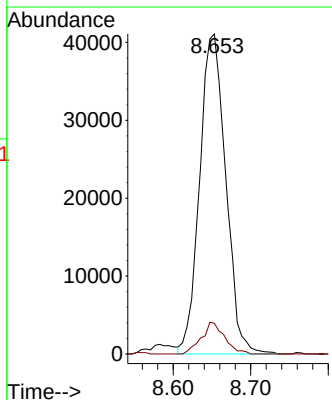
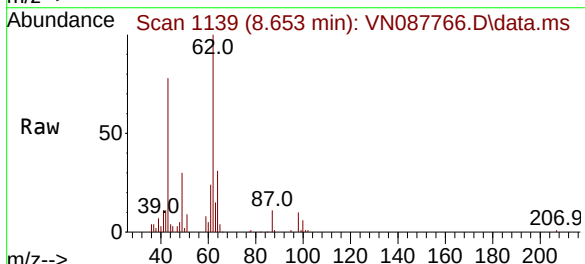
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

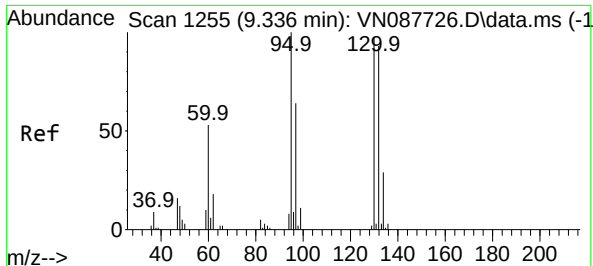
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 56470 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.1  | 27.1  | 81.2  |
| 67       | 63.9  | 32.1  | 96.5  |
| 52       | 31.9  | 13.5  | 40.4  |



#36  
1,2-Dichloroethane  
Concen: 18.078 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 96235 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.5   | 7.2   | 10.8  |





#37

Trichloroethene

Concen: 19.104 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA\_N

ClientSampleId :

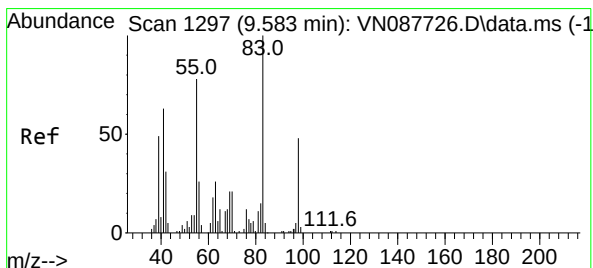
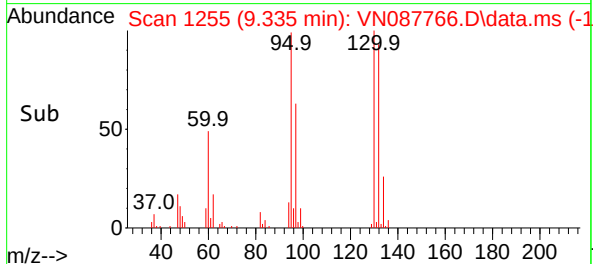
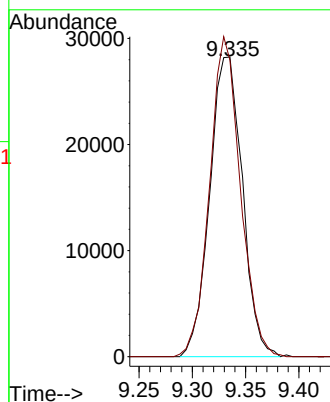
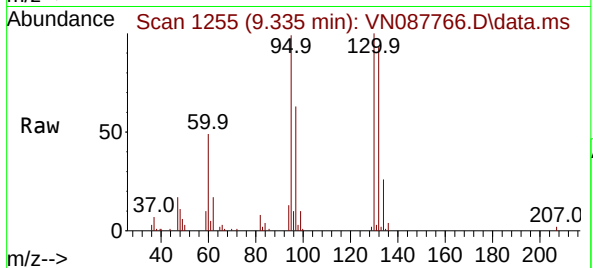
VN0909WBSD01

Tgt Ion:130 Resp: 60184

Ion Ratio Lower Upper

130 100

95 98.2 82.7 124.1



#38

Methylcyclohexane

Concen: 19.206 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

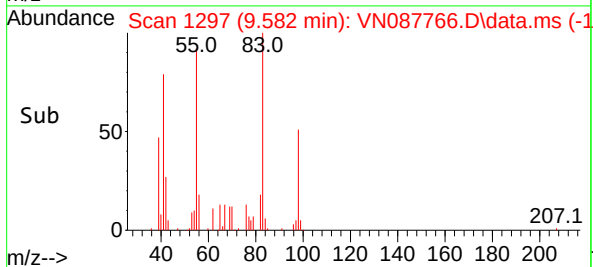
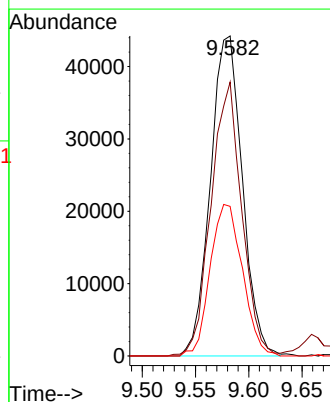
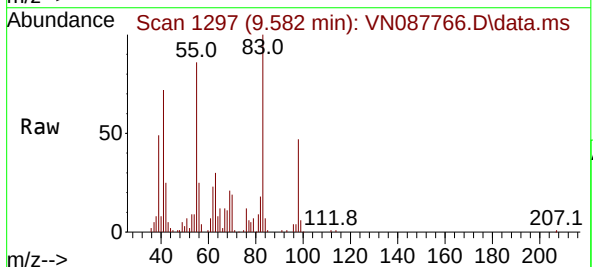
Tgt Ion: 83 Resp: 92215

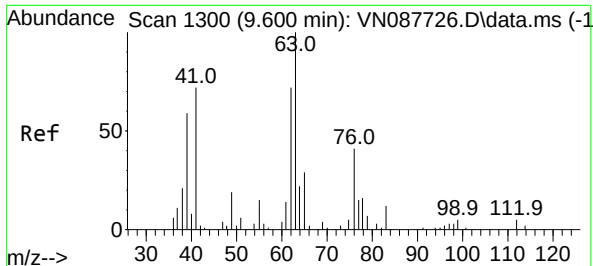
Ion Ratio Lower Upper

83 100

55 82.2 40.4 121.1

98 47.8 24.0 72.0





#39

1,2-Dichloropropane

Concen: 18.218 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA\_N

ClientSampleId :

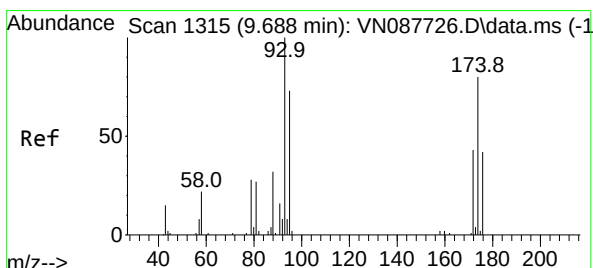
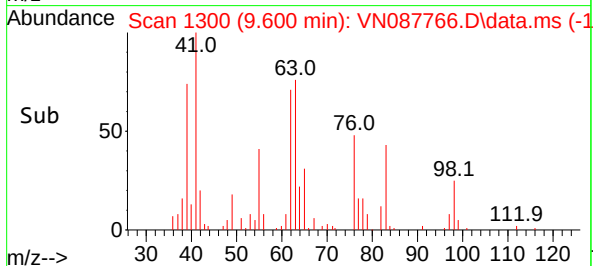
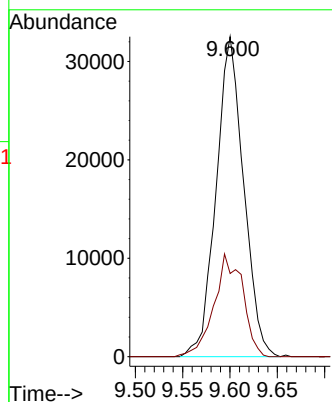
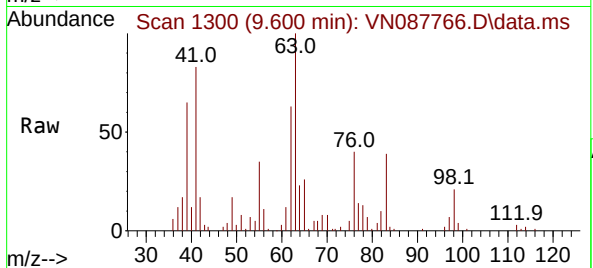
VN0909WBSD01

Tgt Ion: 63 Resp: 65757

Ion Ratio Lower Upper

63 100

65 26.0 24.1 36.1



#40

Dibromomethane

Concen: 17.667 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

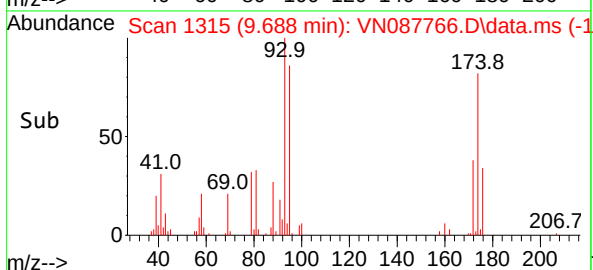
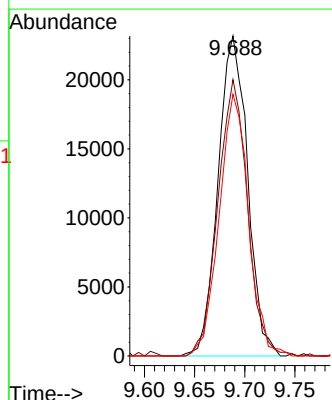
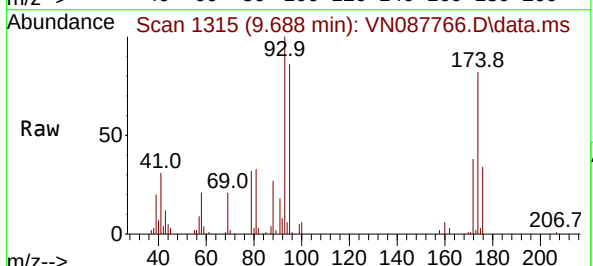
Tgt Ion: 93 Resp: 47457

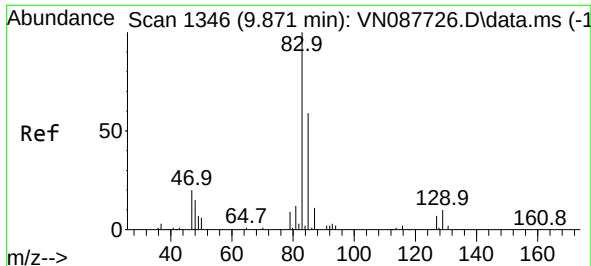
Ion Ratio Lower Upper

93 100

95 86.3 0.0 168.4

174 80.7 0.0 162.8

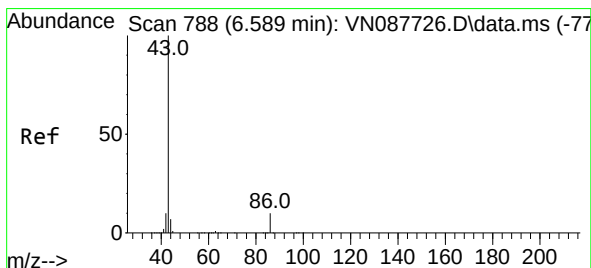
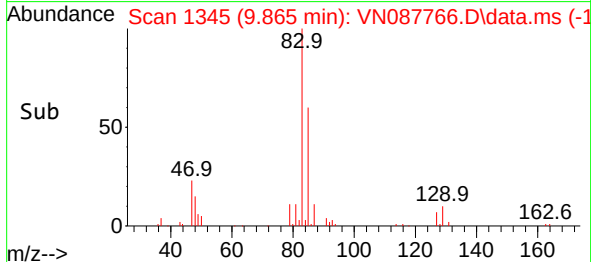
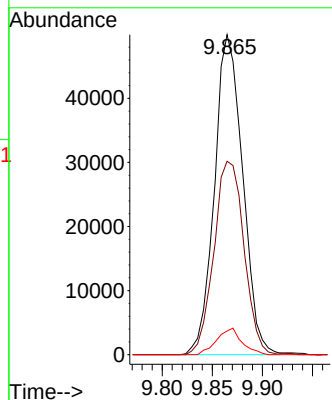
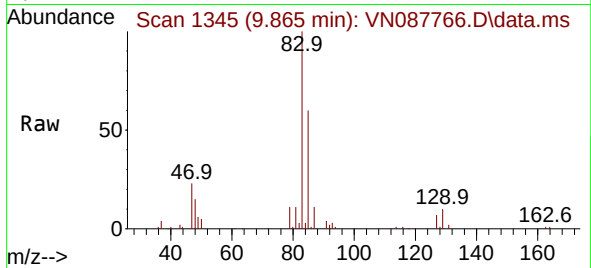




#41  
Bromodichloromethane  
Concen: 17.780 ug/l  
RT: 9.865 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

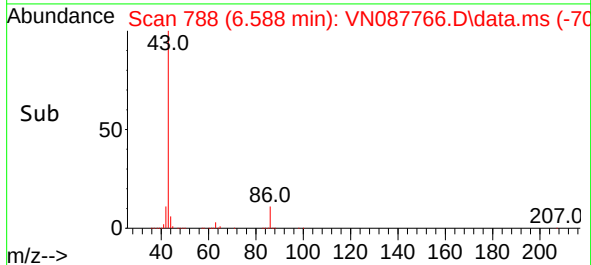
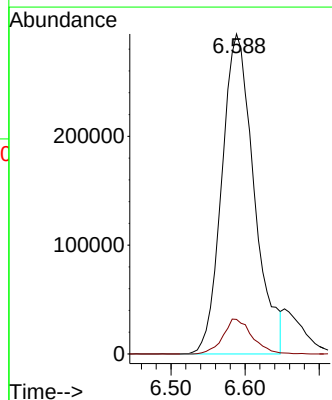
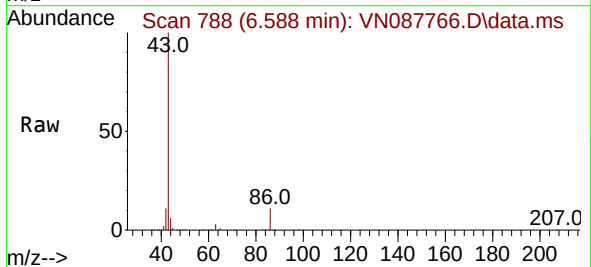
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

Tgt Ion: 83 Resp: 97614  
Ion Ratio Lower Upper  
83 100  
85 60.4 47.3 70.9  
127 7.4 5.2 7.8

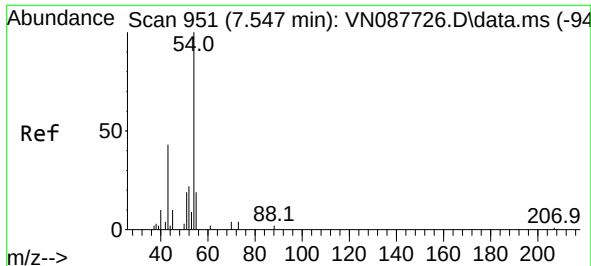


#42  
Vinyl Acetate  
Concen: 88.636 ug/l  
RT: 6.588 min Scan# 788  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 43 Resp: 889594  
Ion Ratio Lower Upper  
43 100  
86 9.9 7.7 11.5



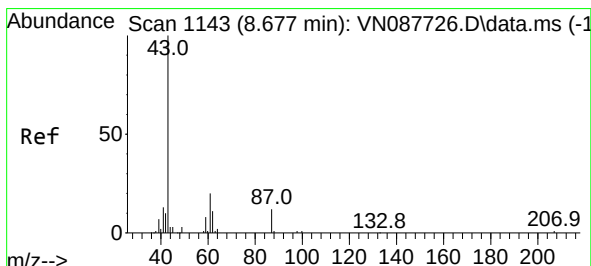
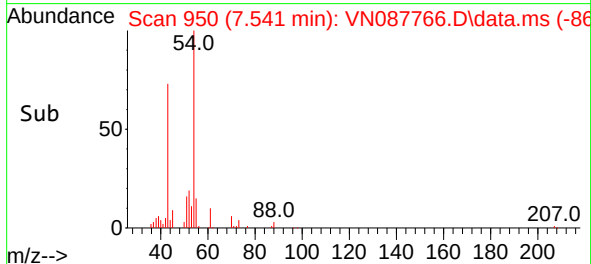
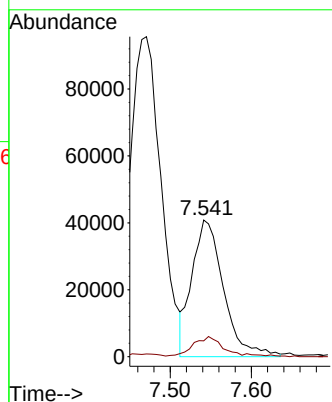
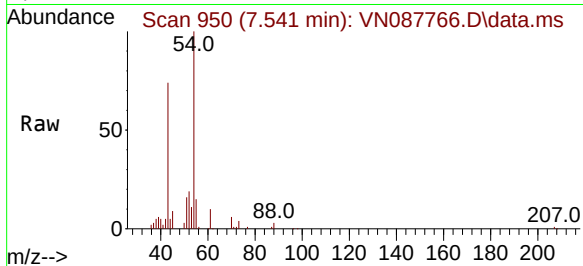




#43  
Ethyl Acetate  
Concen: 18.028 ug/l  
RT: 7.541 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

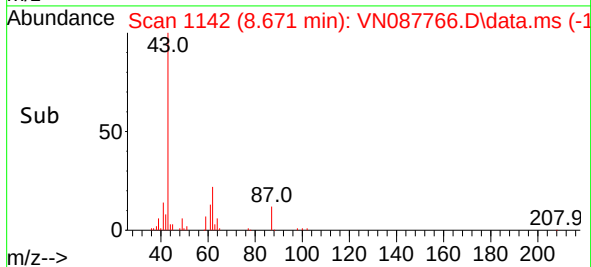
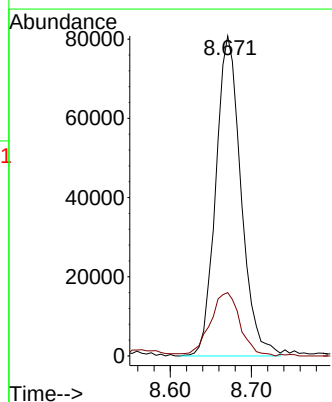
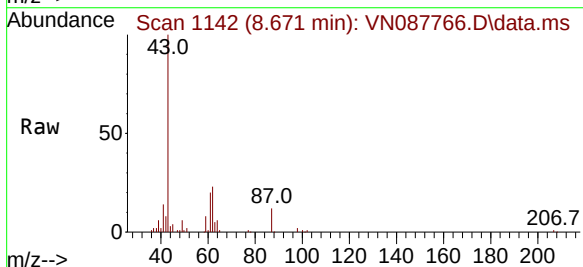
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

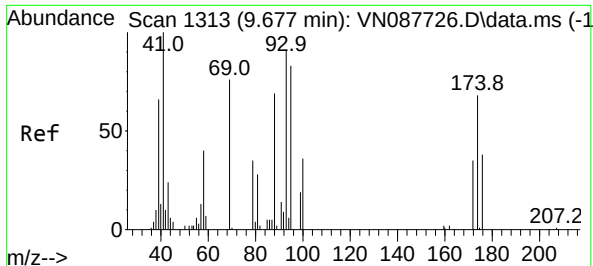
Tgt Ion: 43 Resp: 110645  
Ion Ratio Lower Upper  
43 100  
45 13.5 10.5 15.7



#44  
Isopropyl Acetate  
Concen: 18.143 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 43 Resp: 174555  
Ion Ratio Lower Upper  
43 100  
61 23.4 19.5 29.3





#45

1,4-Dioxane

Concen: 315.174 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0909WBSD01

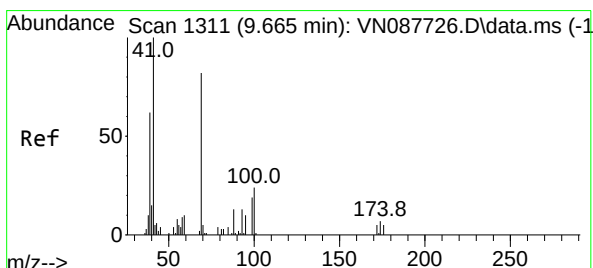
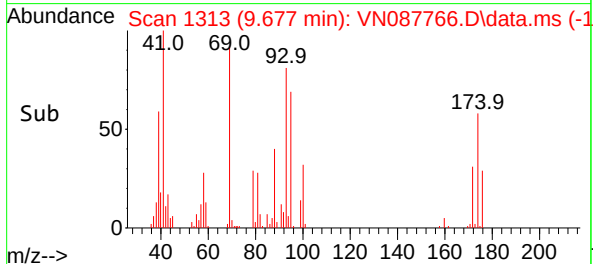
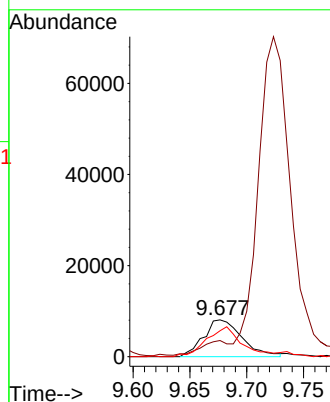
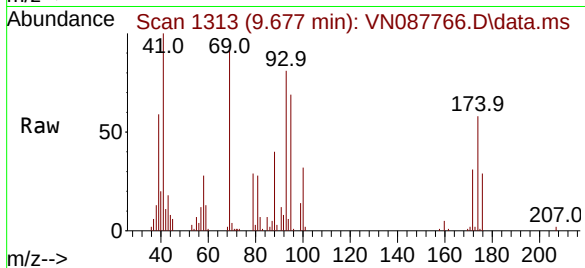
Tgt Ion: 88 Resp: 19123

Ion Ratio Lower Upper

88 100

43 30.8 23.6 35.4

58 74.0 60.5 90.7



#46

Methyl methacrylate

Concen: 17.510 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

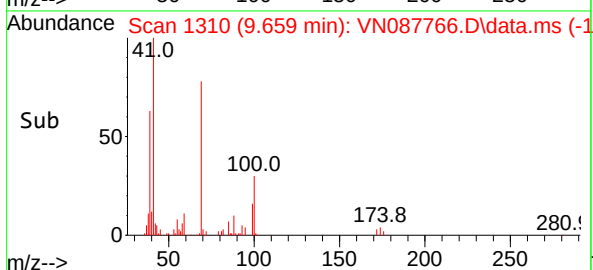
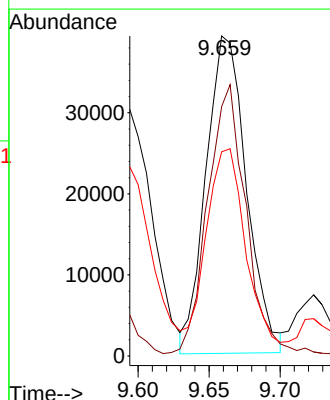
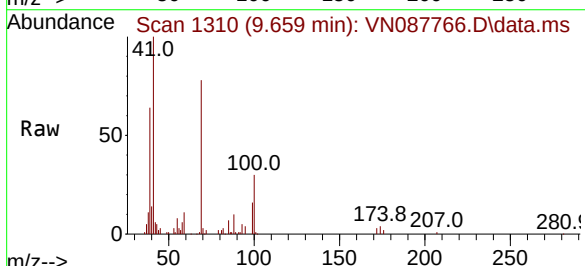
Tgt Ion: 41 Resp: 77651

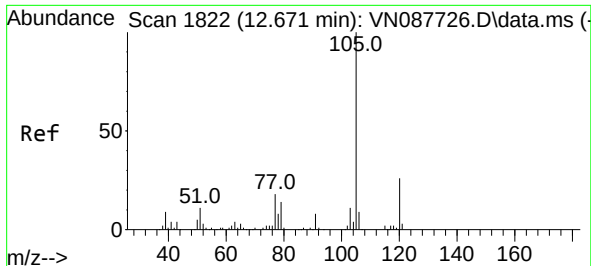
Ion Ratio Lower Upper

41 100

69 81.6 40.3 120.9

39 64.1 31.9 95.9

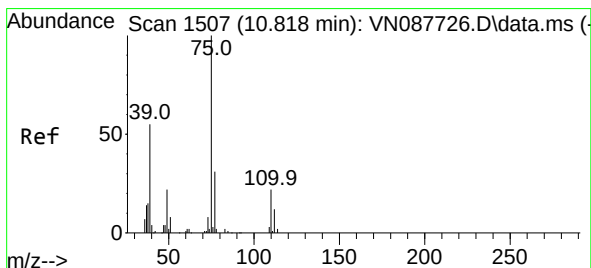
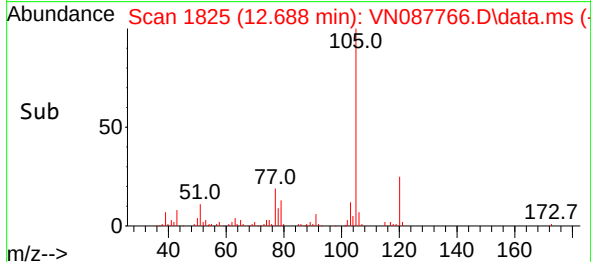
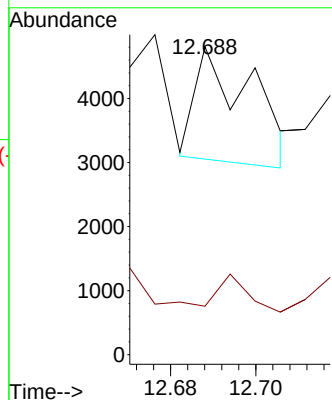
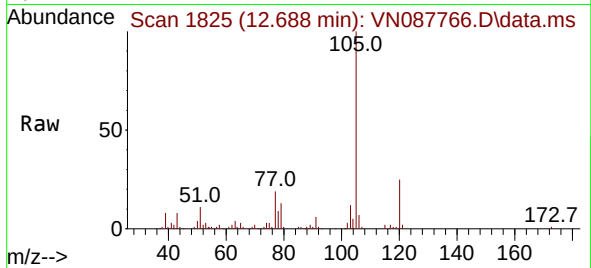




#47  
n-amy1 Acetate  
Concen: 0.248 ug/l  
RT: 12.688 min Scan# 1825  
Delta R.T. 0.017 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

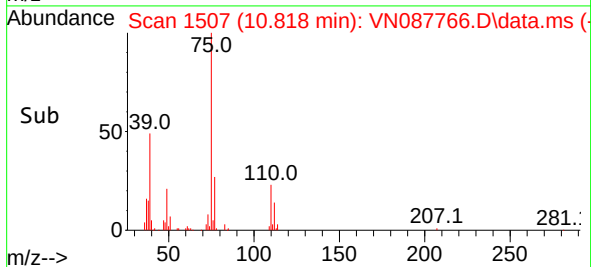
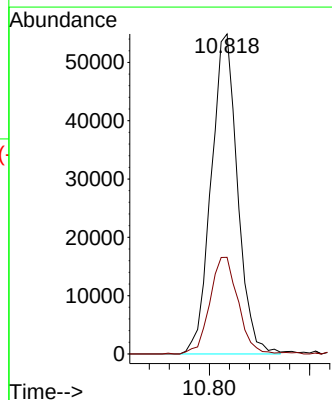
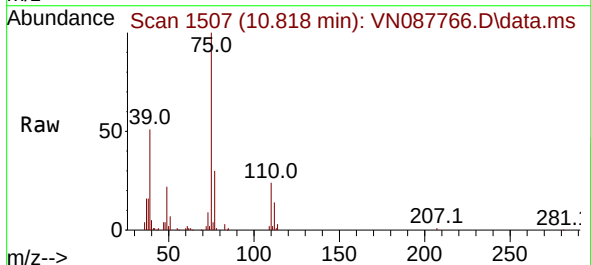
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

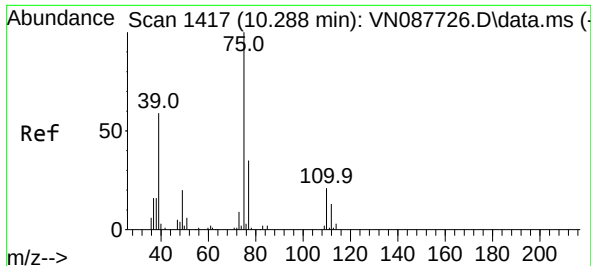
Tgt Ion: 43 Resp: 1614  
Ion Ratio Lower Upper  
43 100  
55 48.5 0.7 1.1#



#48  
t-1,3-Dichloropropene  
Concen: 17.567 ug/l  
RT: 10.818 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 75 Resp: 100171  
Ion Ratio Lower Upper  
75 100  
77 30.2 24.7 37.1





#49

cis-1,3-Dichloropropene

Concen: 18.241 ug/l

RT: 10.288 min Scan# 1417

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0909WBSD01

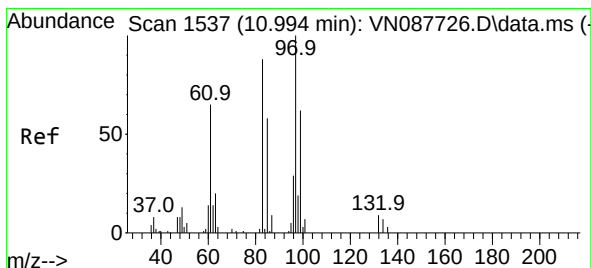
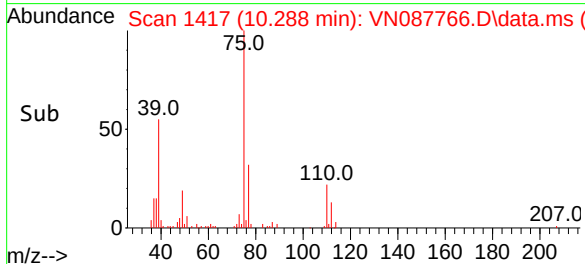
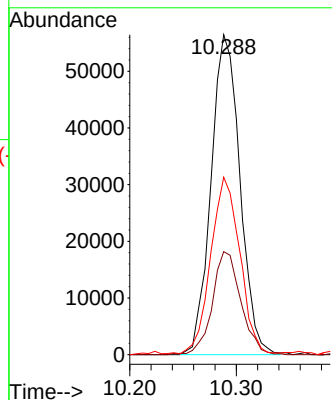
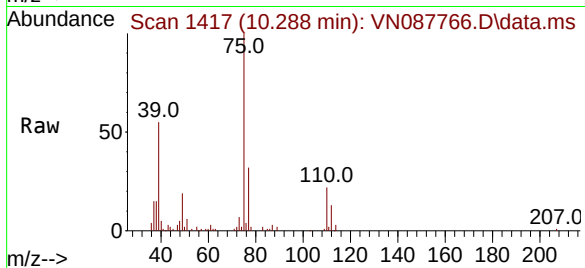
Tgt Ion: 75 Resp: 106538

Ion Ratio Lower Upper

75 100

77 31.9 27.8 41.6

39 55.2 47.6 71.4



#50

1,1,2-Trichloroethane

Concen: 18.359 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Tgt Ion: 97 Resp: 63695

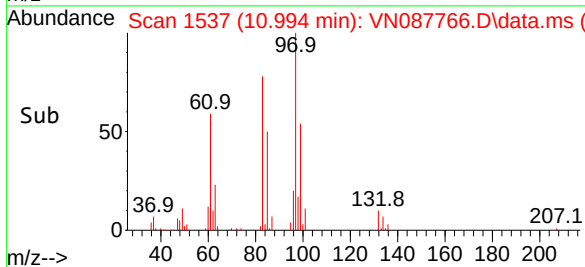
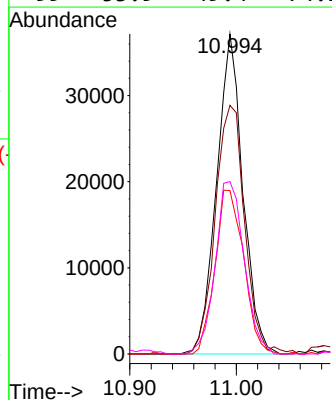
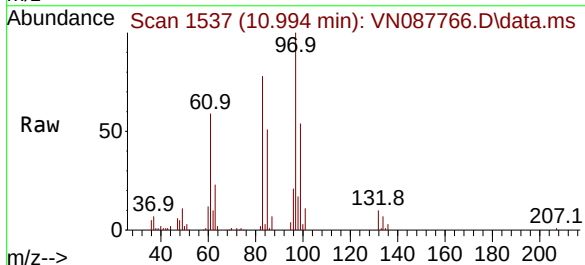
Ion Ratio Lower Upper

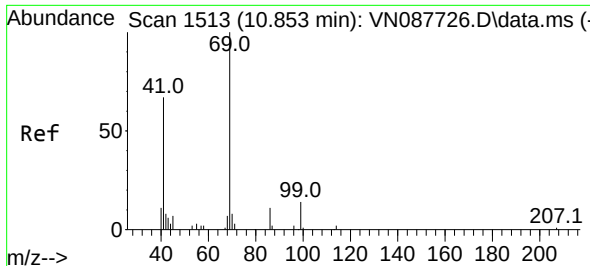
97 100

83 77.7 70.5 105.7

85 51.0 46.3 69.5

99 53.9 49.4 74.2

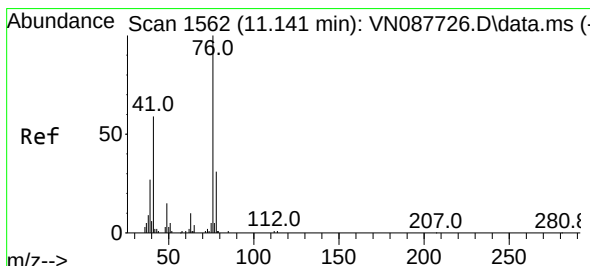
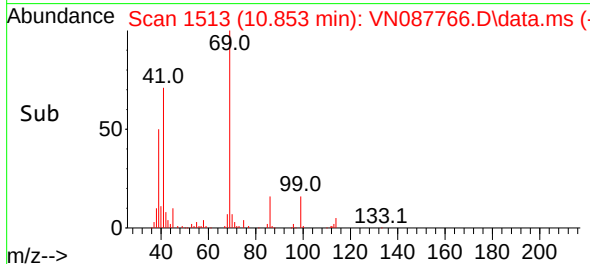
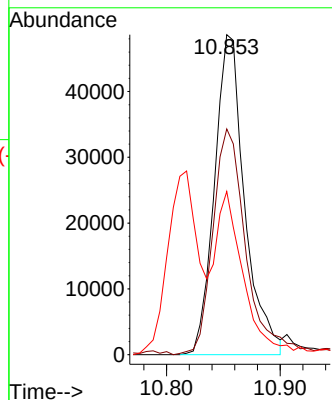
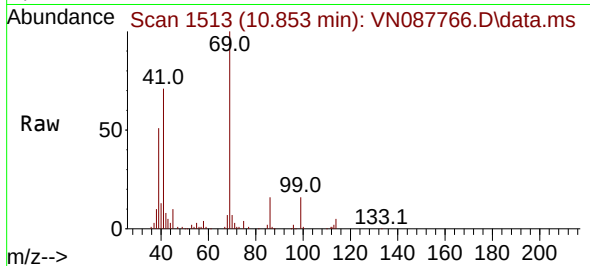




#51  
Ethyl methacrylate  
Concen: 16.628 ug/l  
RT: 10.853 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

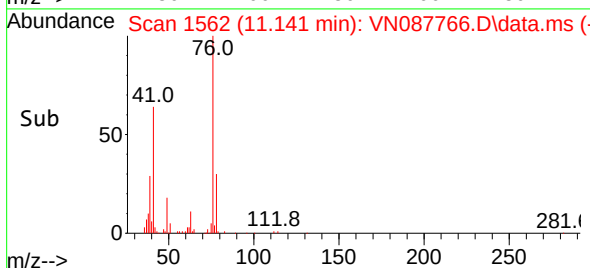
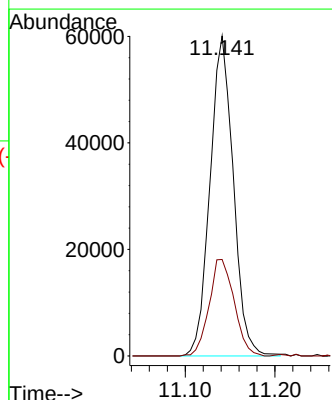
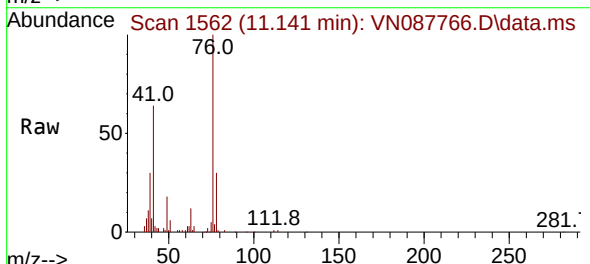
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

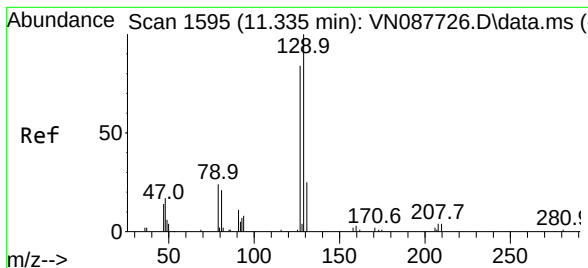
Tgt Ion: 69 Resp: 89781  
Ion Ratio Lower Upper  
69 100  
41 70.2 33.7 101.0  
39 48.2 20.3 60.9



#52  
1,3-Dichloropropane  
Concen: 17.969 ug/l  
RT: 11.141 min Scan# 1562  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 76 Resp: 108258  
Ion Ratio Lower Upper  
76 100  
78 32.5 0.0 65.2

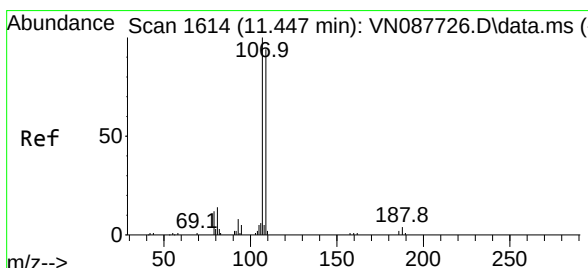
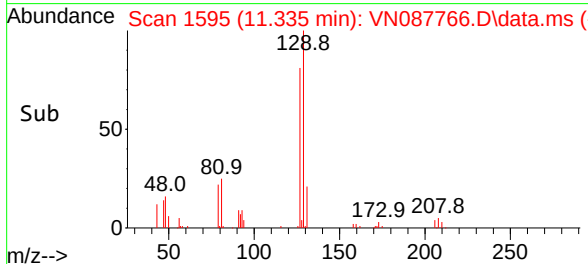
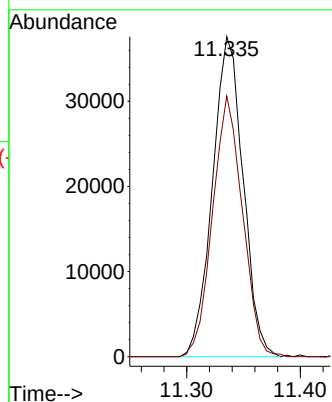
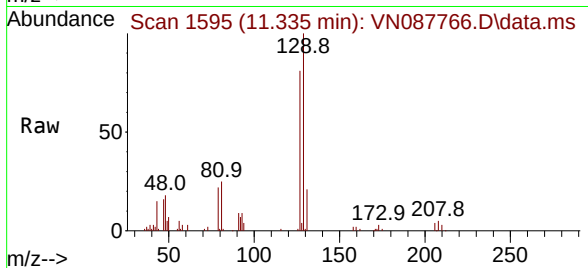




#53  
Dibromochloromethane  
Concen: 18.094 ug/l  
RT: 11.335 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

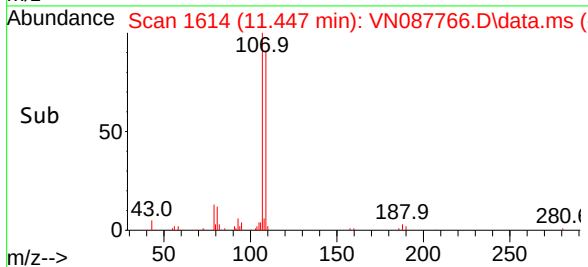
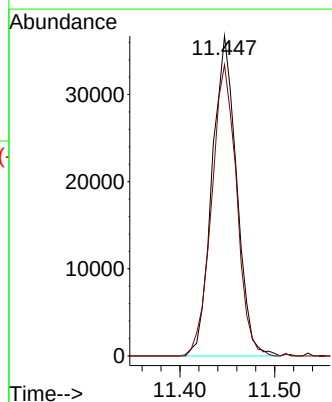
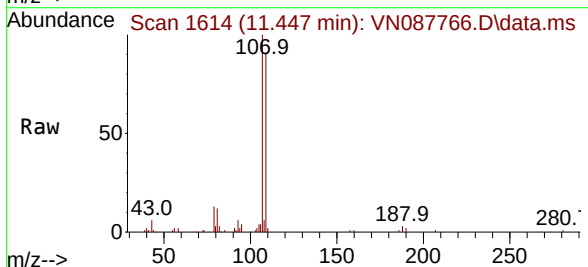
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

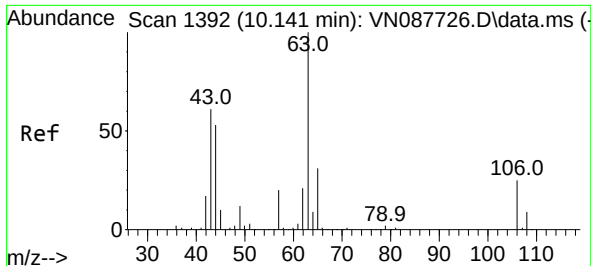
Tgt Ion:129 Resp: 70386  
Ion Ratio Lower Upper  
129 100  
127 79.6 42.6 128.0



#54  
1,2-Dibromoethane  
Concen: 18.282 ug/l  
RT: 11.447 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion:107 Resp: 66000  
Ion Ratio Lower Upper  
107 100  
109 92.5 74.6 112.0

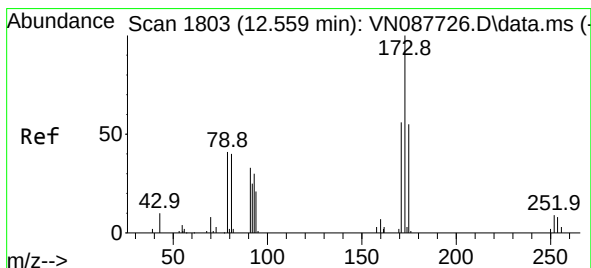
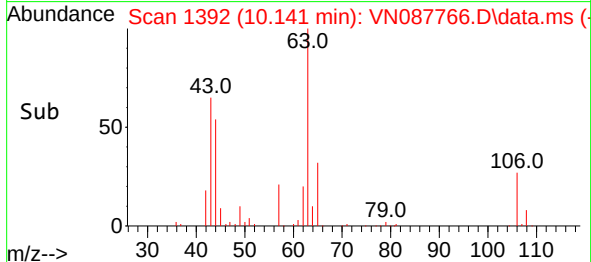
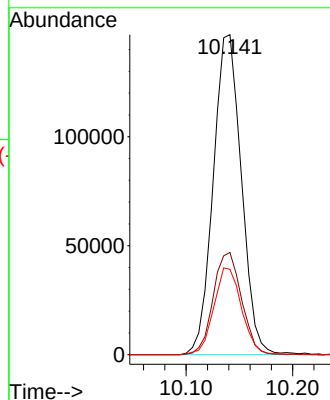
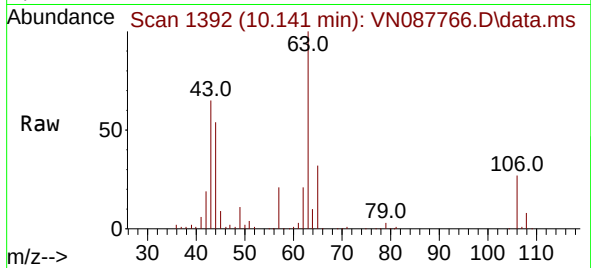




#55  
 2-Chloroethyl vinyl ether  
 Concen: 86.946 ug/l  
 RT: 10.141 min Scan# 1392  
 Delta R.T. -0.000 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

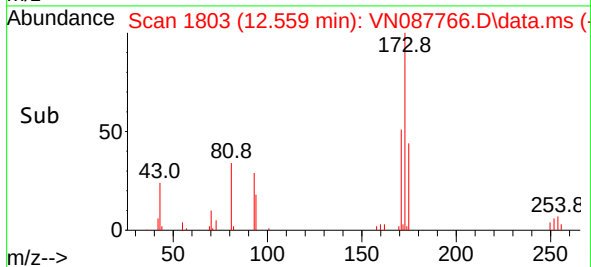
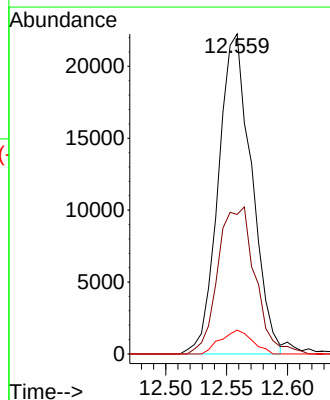
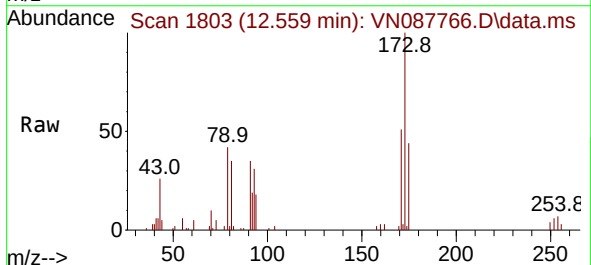
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0909WBSD01

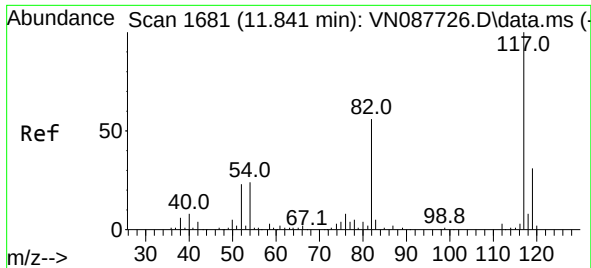
Tgt Ion: 63 Resp: 268977  
 Ion Ratio Lower Upper  
 63 100  
 65 32.2 26.6 40.0  
 106 26.7 21.1 31.7



#56  
 Bromoform  
 Concen: 16.640 ug/l  
 RT: 12.559 min Scan# 1803  
 Delta R.T. -0.000 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

Tgt Ion: 173 Resp: 42273  
 Ion Ratio Lower Upper  
 173 100  
 175 51.4 39.8 59.6  
 254 7.1 6.2 9.4

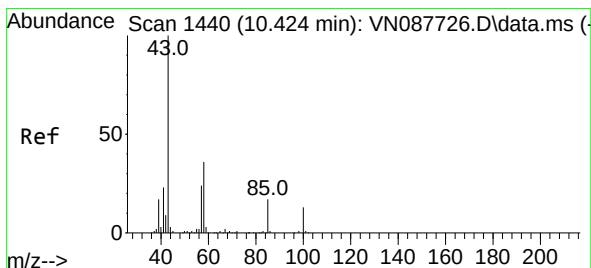
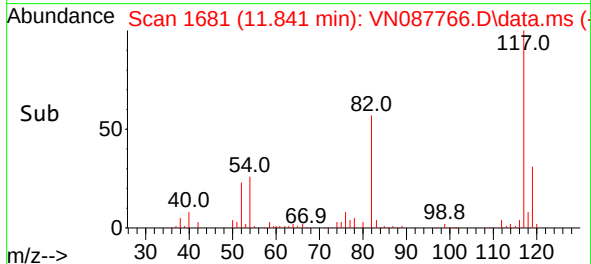
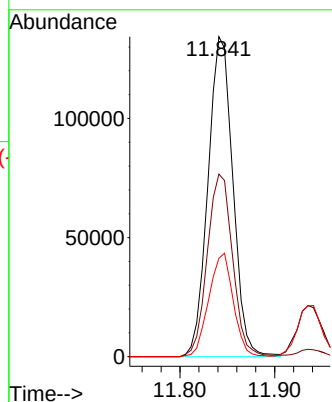
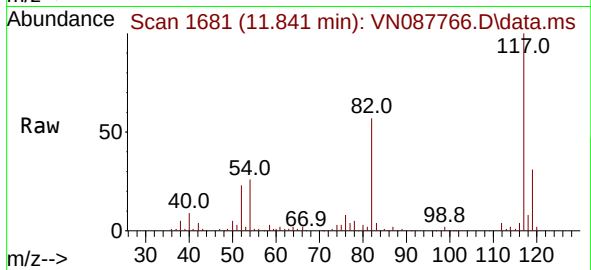




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.841 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

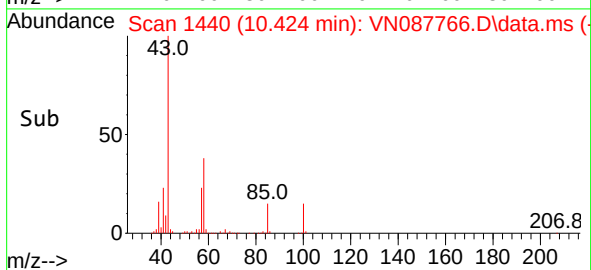
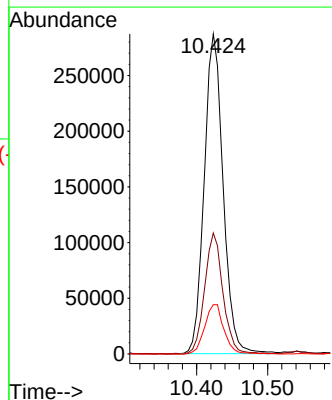
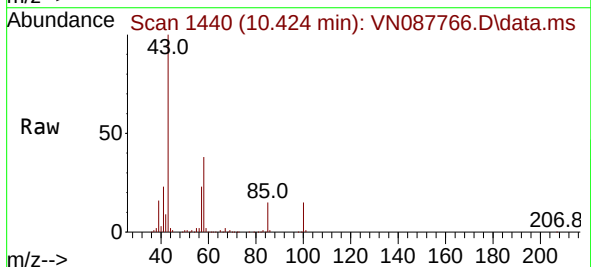
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

Tgt Ion:117 Resp: 245687  
Ion Ratio Lower Upper  
117 100  
82 58.0 45.9 68.9  
119 31.7 25.3 37.9

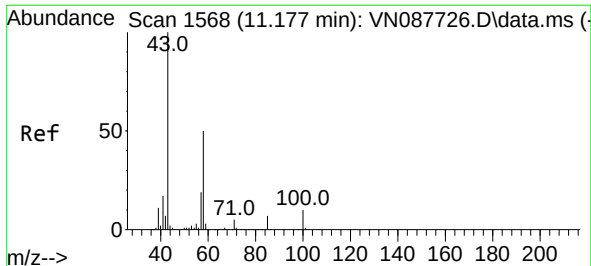


#58  
4-Methyl-2-Pentanone  
Concen: 91.535 ug/l  
RT: 10.424 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 43 Resp: 531748  
Ion Ratio Lower Upper  
43 100  
58 36.7 29.6 44.4  
85 15.7 13.0 19.4



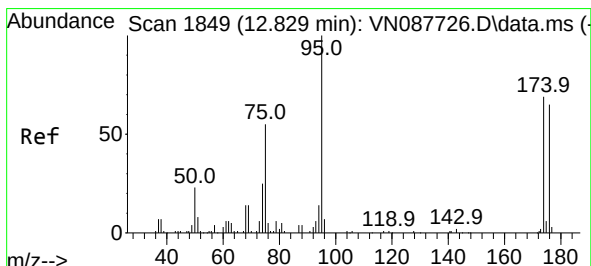
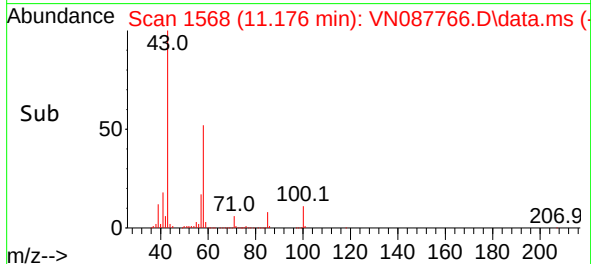
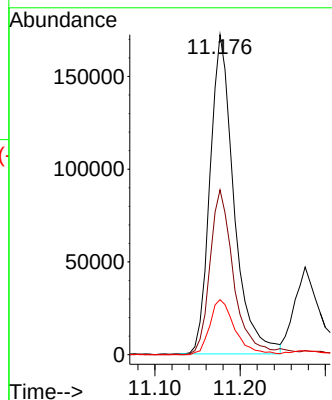
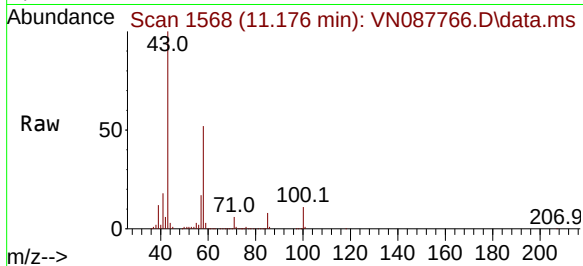




#59  
2-Hexanone  
Concen: 88.753 ug/l  
RT: 11.176 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

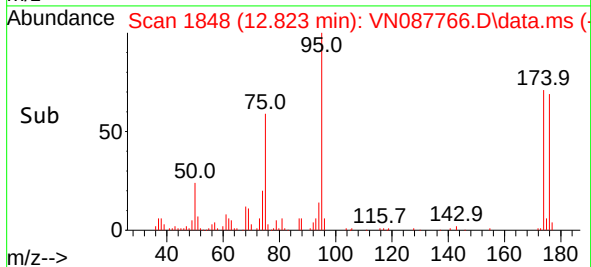
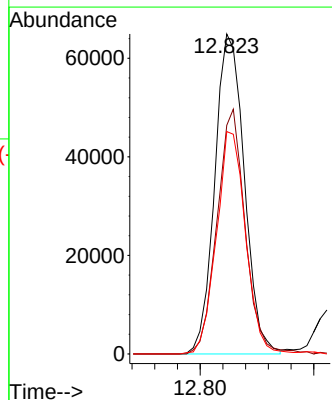
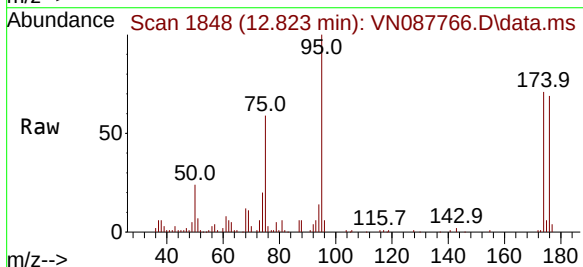
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

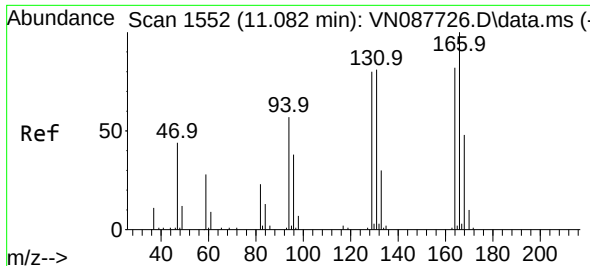
Tgt Ion: 43 Resp: 336907  
Ion Ratio Lower Upper  
43 100  
58 50.7 40.2 60.4  
57 18.0 13.7 20.5



#60  
4-Bromofluorobenzene  
Concen: 29.651 ug/l  
RT: 12.823 min Scan# 1848  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 95 Resp: 117136  
Ion Ratio Lower Upper  
95 100  
174 73.0 55.4 83.0  
176 68.6 51.5 77.3

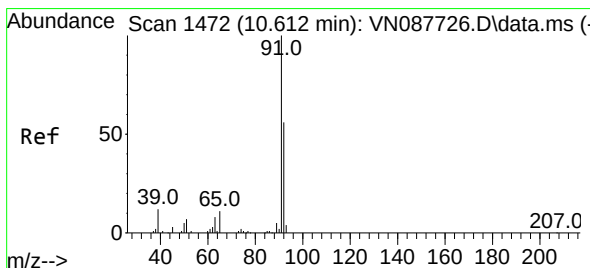
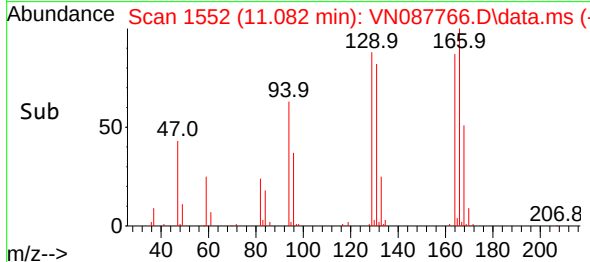
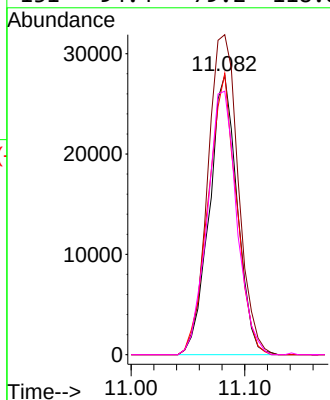
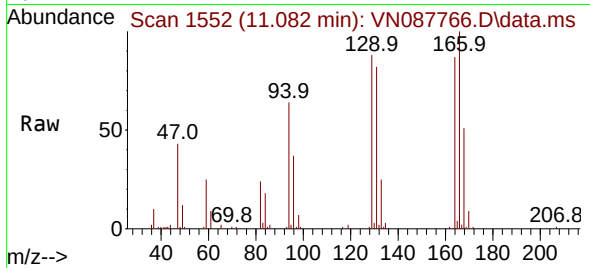




#61  
Tetrachloroethene  
Concen: 19.361 ug/l  
RT: 11.082 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

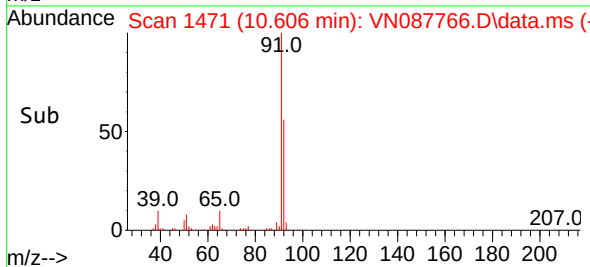
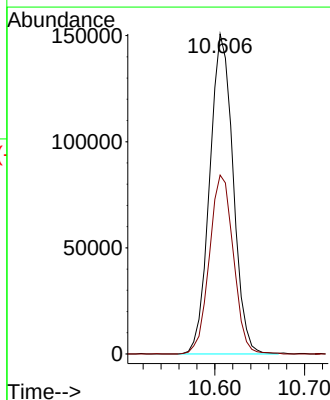
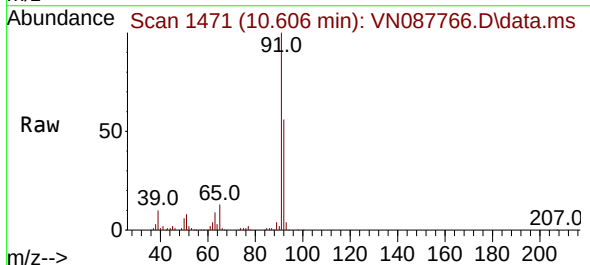
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

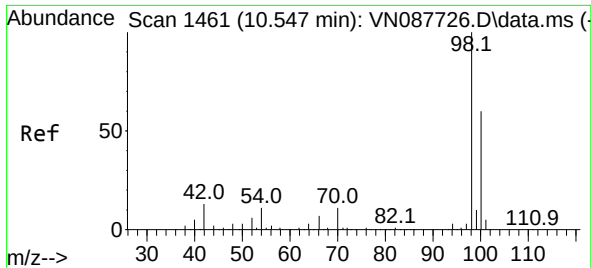
Tgt Ion:164 Resp: 47359  
Ion Ratio Lower Upper  
164 100  
166 114.6 97.3 145.9  
129 100.7 78.6 117.8  
131 94.4 79.2 118.8



#62  
Toluene  
Concen: 18.402 ug/l  
RT: 10.606 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 91 Resp: 273478  
Ion Ratio Lower Upper  
91 100  
92 57.2 45.4 68.0

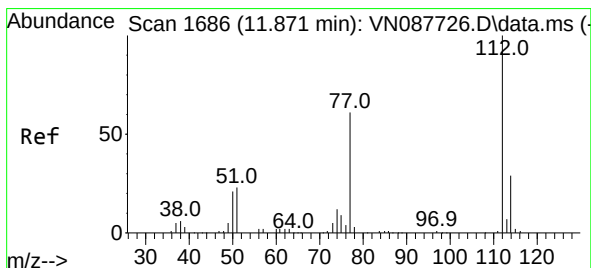
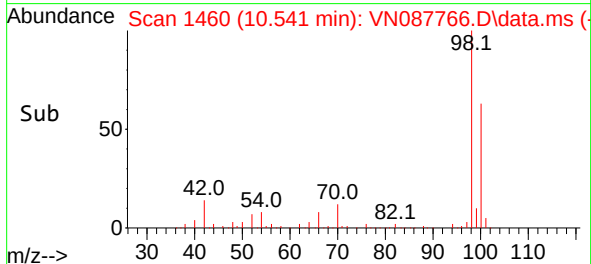
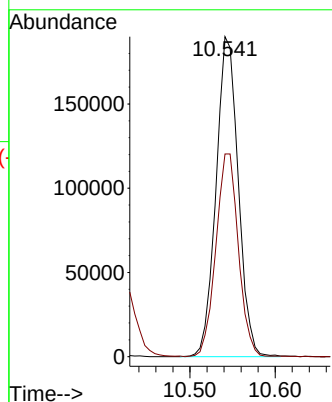
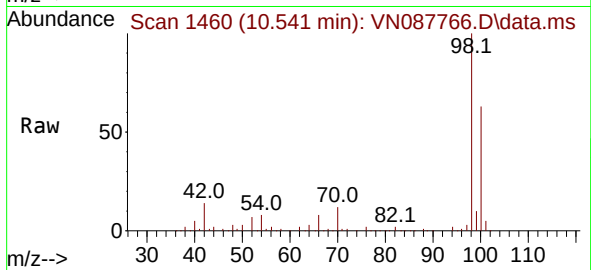




#63  
Toluene-d8  
Concen: 30.155 ug/l  
RT: 10.541 min Scan# 1461  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

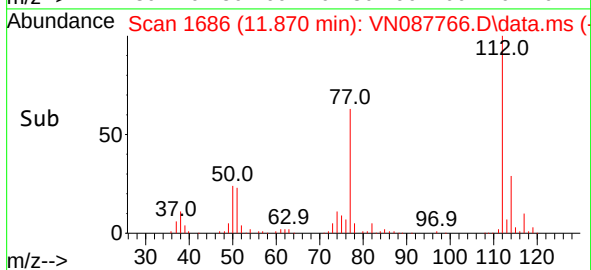
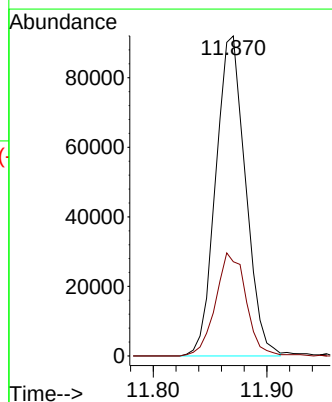
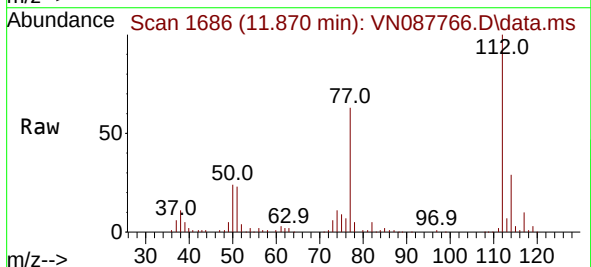
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

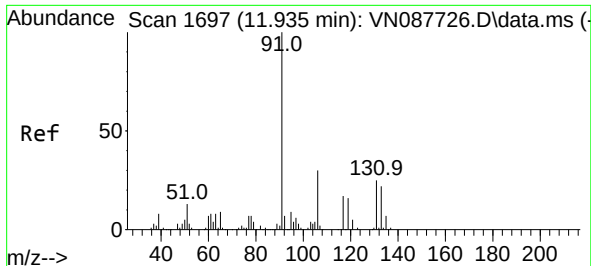
Tgt Ion: 98 Resp: 344543  
Ion Ratio Lower Upper  
98 100  
100 64.2 50.6 76.0



#64  
Chlorobenzene  
Concen: 18.364 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 112 Resp: 167498  
Ion Ratio Lower Upper  
112 100  
114 29.4 23.5 35.3

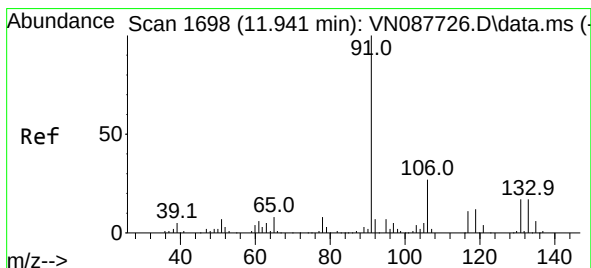
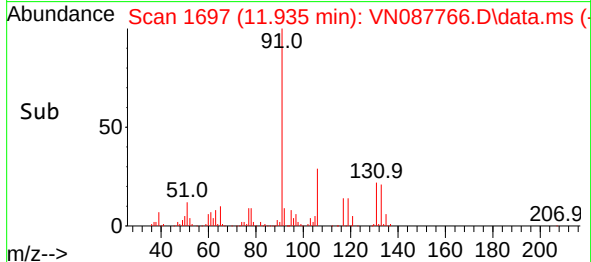
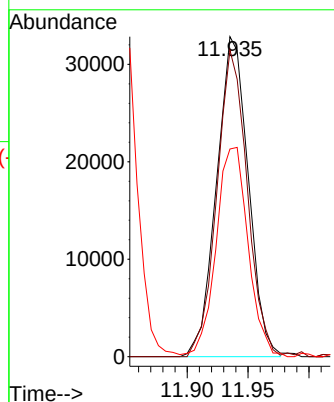
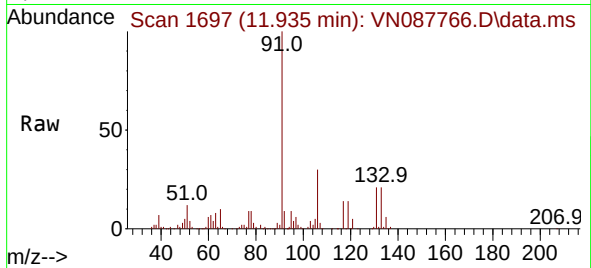




#65  
 1,1,1,2-Tetrachloroethane  
 Concen: 18.527 ug/l  
 RT: 11.935 min Scan# 1697  
 Delta R.T. -0.000 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

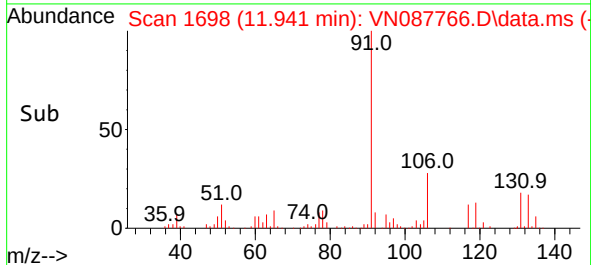
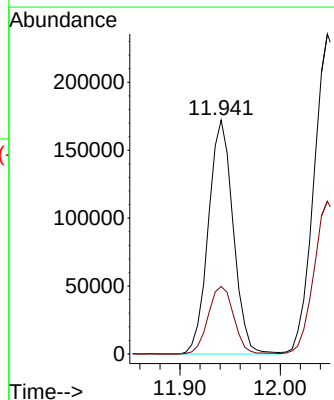
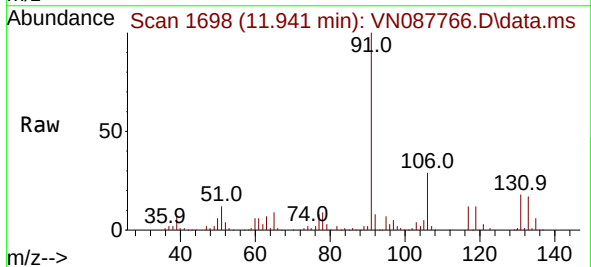
Instrument :  
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 ClientSampleId :  
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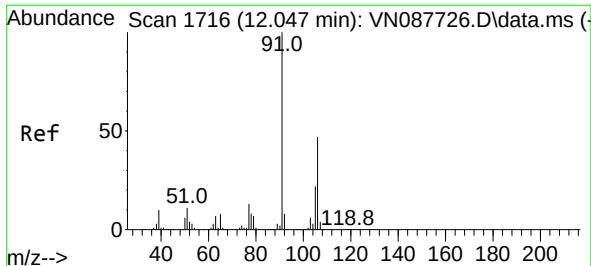
Tgt Ion:131 Resp: 59496  
 Ion Ratio Lower Upper  
 131 100  
 133 91.9 0.0 195.8  
 119 66.1 0.0 139.0



#66  
 Ethyl Benzene  
 Concen: 18.433 ug/l  
 RT: 11.941 min Scan# 1698  
 Delta R.T. -0.000 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

Tgt Ion: 91 Resp: 295535  
 Ion Ratio Lower Upper  
 91 100  
 106 28.9 21.3 31.9

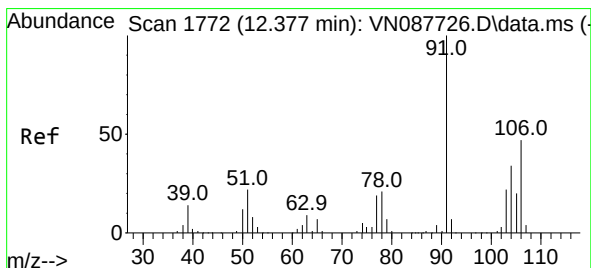
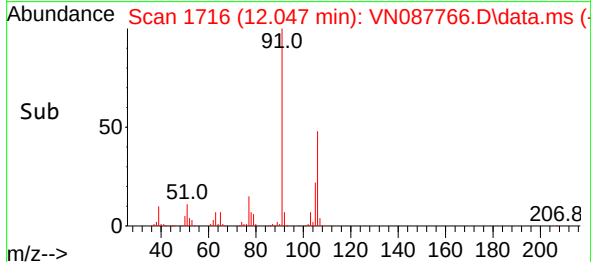
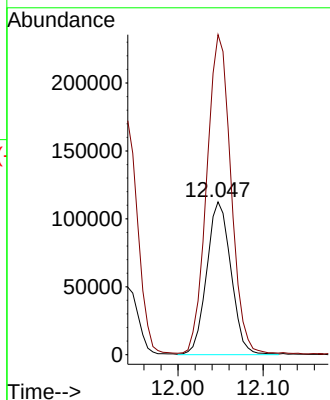
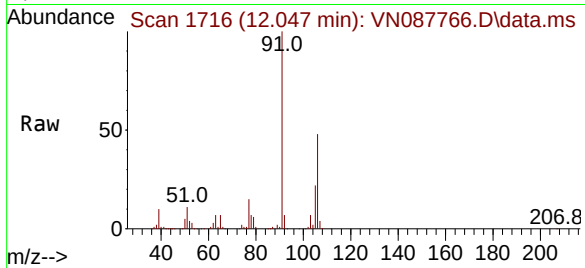




#67  
m/p-Xylenes  
Concen: 37.440 ug/l  
RT: 12.047 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

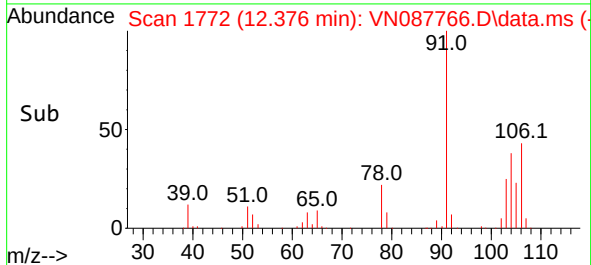
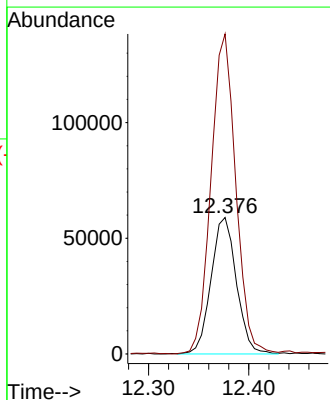
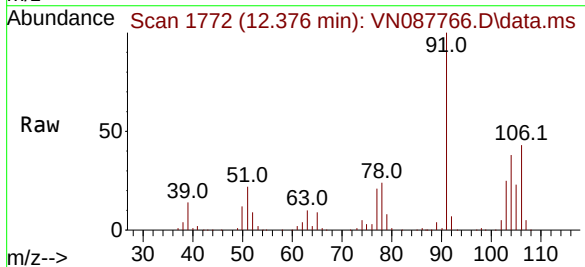
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

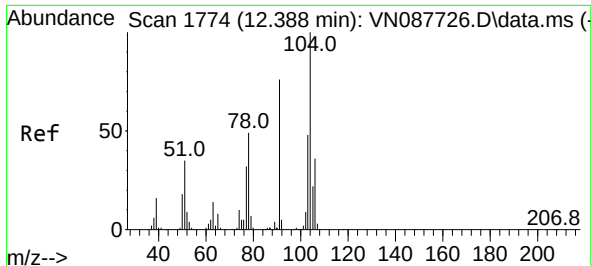
Tgt Ion:106 Resp: 222821  
Ion Ratio Lower Upper  
106 100  
91 209.6 174.3 261.5



#68  
o-Xylene  
Concen: 17.927 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion:106 Resp: 103447  
Ion Ratio Lower Upper  
106 100  
91 228.7 107.7 323.3

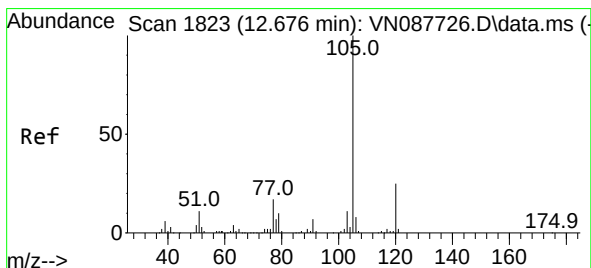
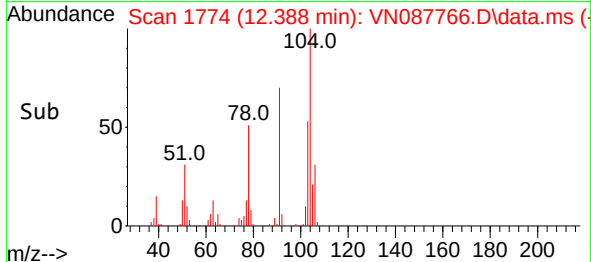
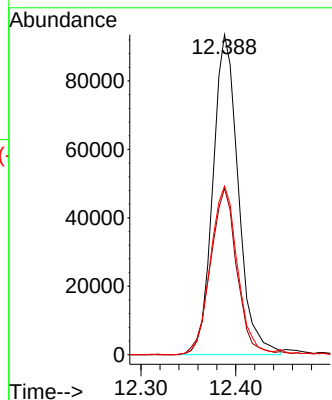
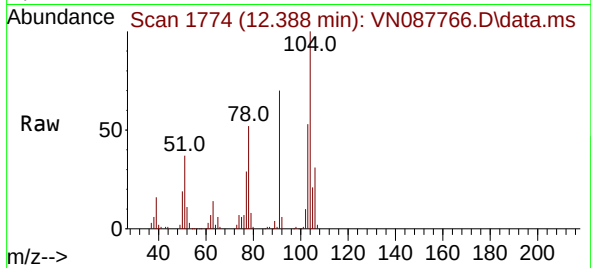




#69  
Styrene  
Concen: 17.366 ug/l  
RT: 12.388 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

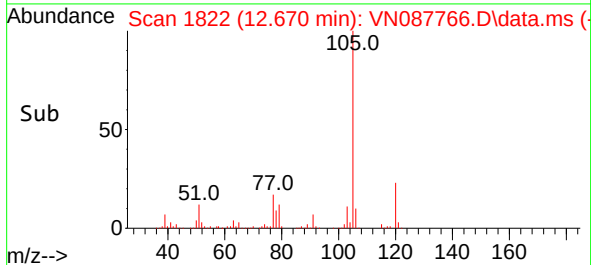
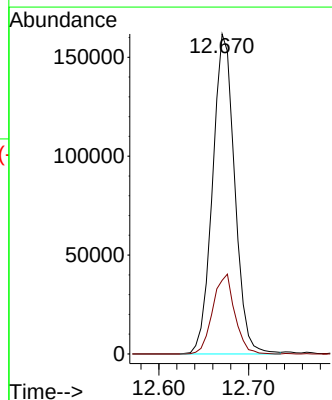
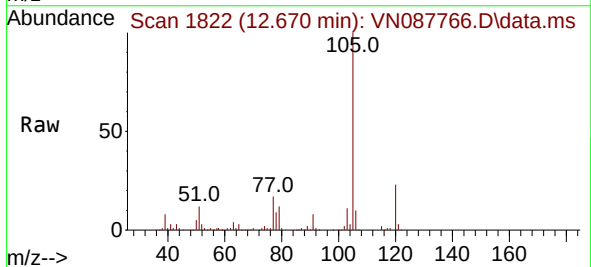
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

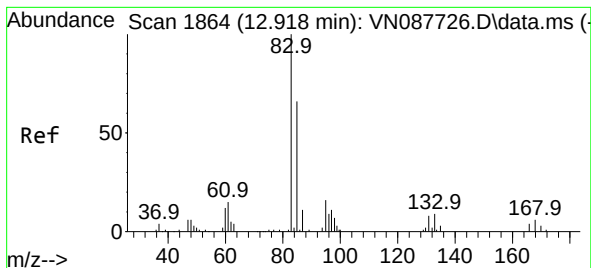
Tgt Ion:104 Resp: 174166  
Ion Ratio Lower Upper  
104 100  
78 53.7 41.0 61.6  
103 56.1 44.6 66.8



#70  
Isopropylbenzene  
Concen: 18.930 ug/l  
RT: 12.670 min Scan# 1822  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion:105 Resp: 276966  
Ion Ratio Lower Upper  
105 100  
120 24.7 17.4 32.4

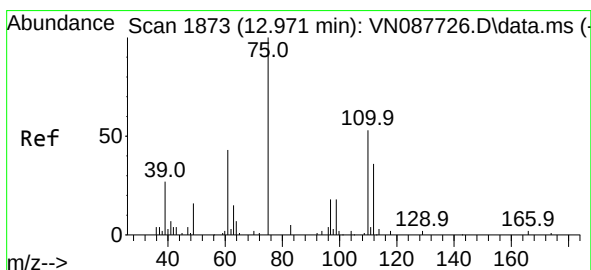
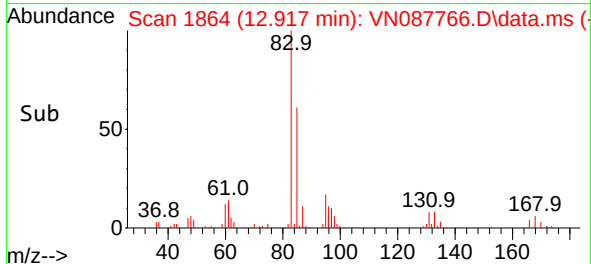
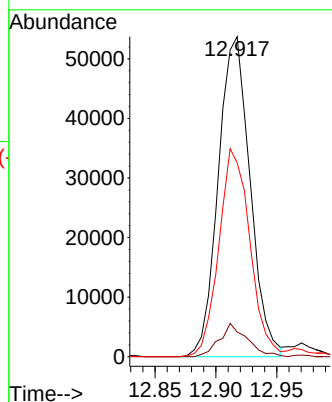
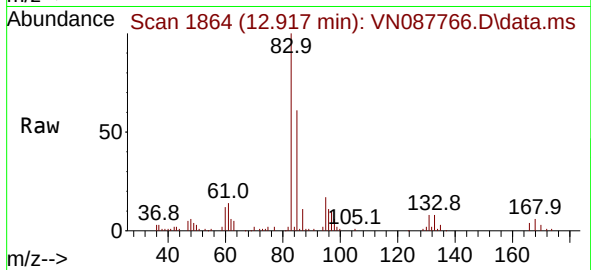




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.599 ug/l  
 RT: 12.917 min Scan# 1864  
 Delta R.T. -0.000 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

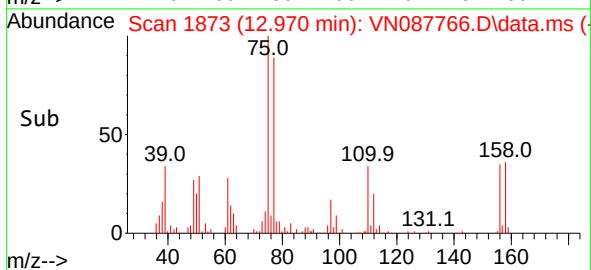
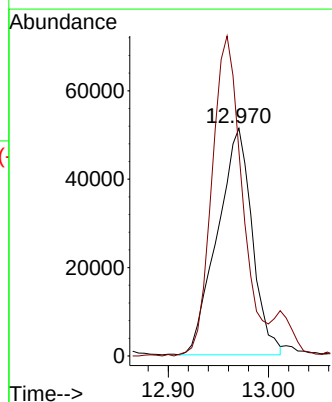
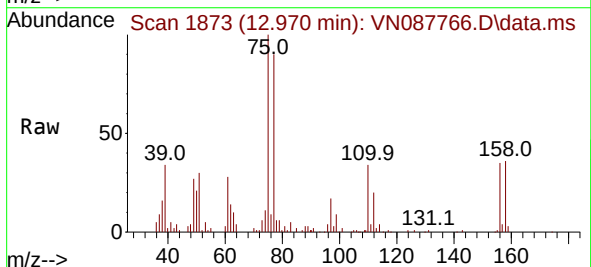
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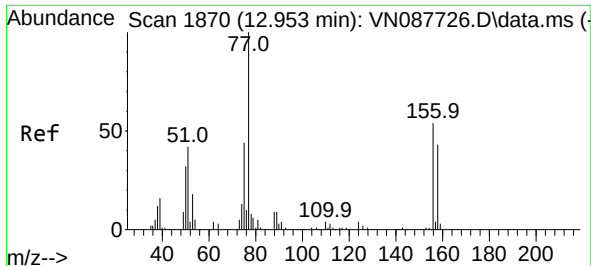
Tgt Ion: 83 Resp: 97832  
 Ion Ratio Lower Upper  
 83 100  
 131 9.0 4.8 14.3  
 85 63.2 31.9 95.7



#72  
 1,2,3-Trichloropropane  
 Concen: 23.925 ug/l  
 RT: 12.970 min Scan# 1873  
 Delta R.T. -0.000 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

Tgt Ion: 75 Resp: 123564  
 Ion Ratio Lower Upper  
 75 100  
 77 123.1 0.0 378.8

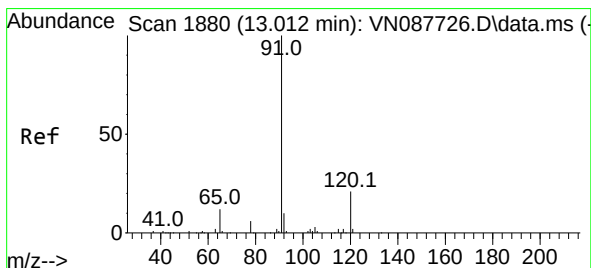
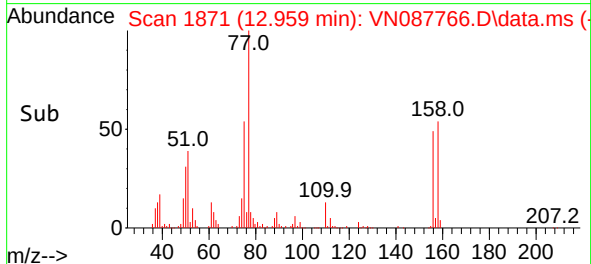
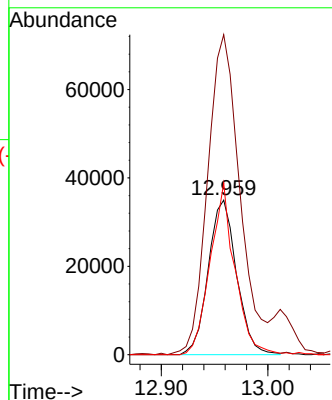
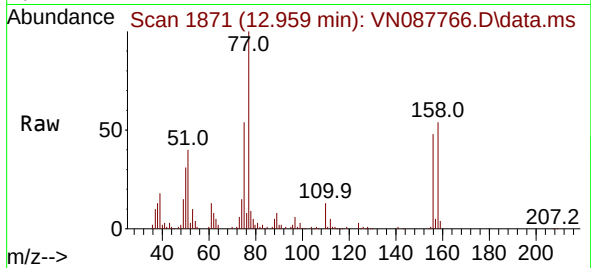




#73  
Bromobenzene  
Concen: 18.030 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. 0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

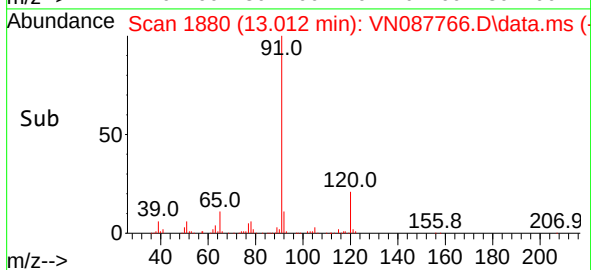
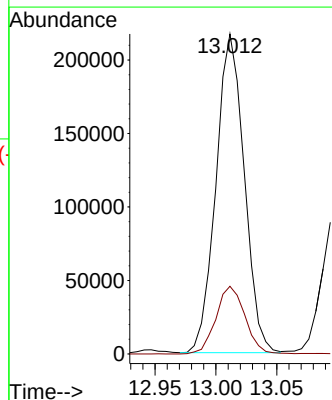
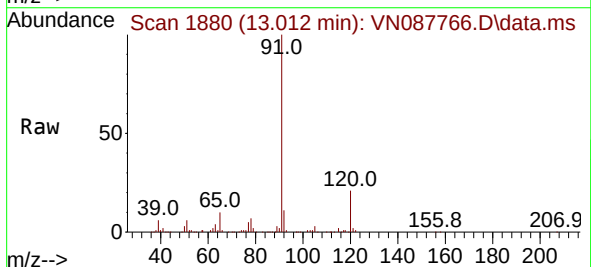
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

Tgt Ion:156 Resp: 64542  
Ion Ratio Lower Upper  
156 100  
77 235.7 0.0 484.2  
158 97.4 0.0 186.2

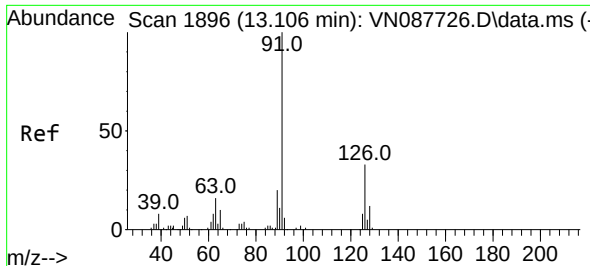


#74  
n-propylbenzene  
Concen: 19.005 ug/l  
RT: 13.012 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 91 Resp: 350861  
Ion Ratio Lower Upper  
91 100  
120 21.8 0.0 42.2



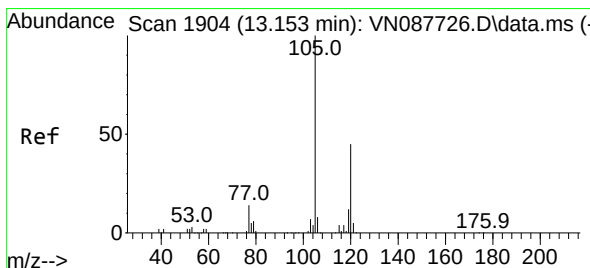
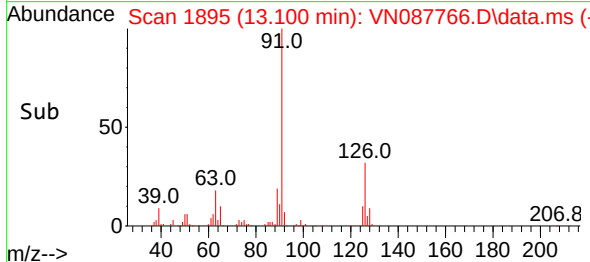
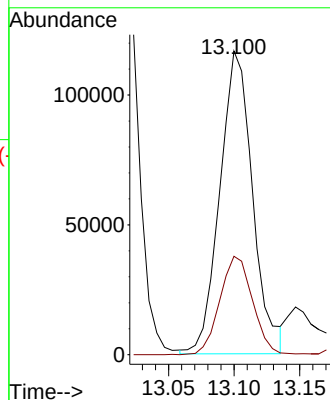
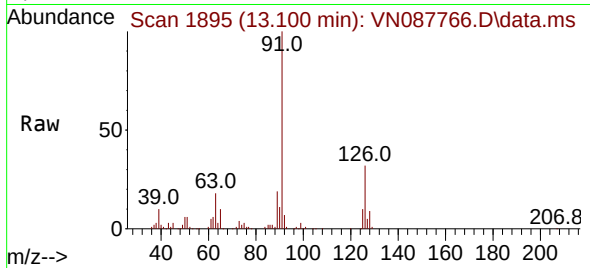




#75  
2-Chlorotoluene  
Concen: 18.236 ug/l  
RT: 13.100 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

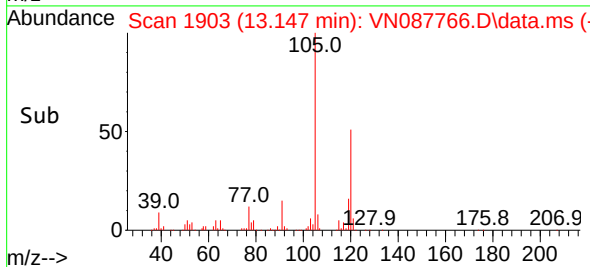
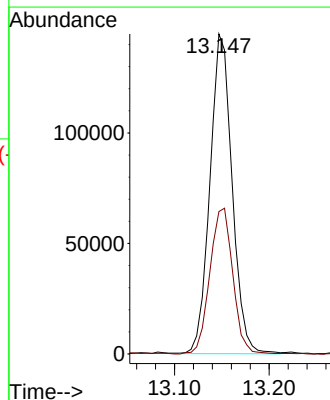
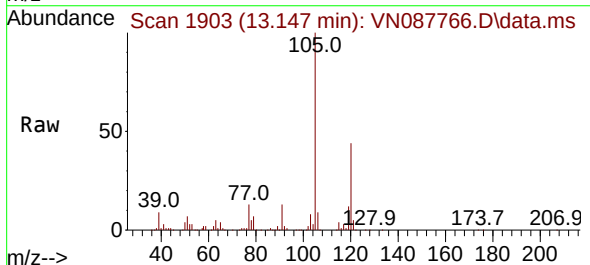
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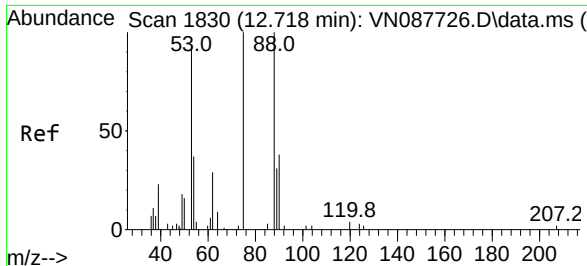
Tgt Ion: 91 Resp: 202618  
Ion Ratio Lower Upper  
91 100  
126 32.4 0.0 60.4



#76  
1,3,5-Trimethylbenzene  
Concen: 19.092 ug/l  
RT: 13.147 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 105 Resp: 235895  
Ion Ratio Lower Upper  
105 100  
120 47.1 0.0 92.6

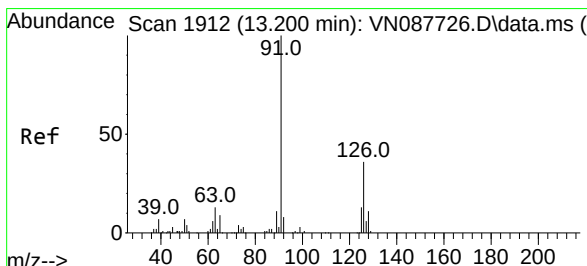
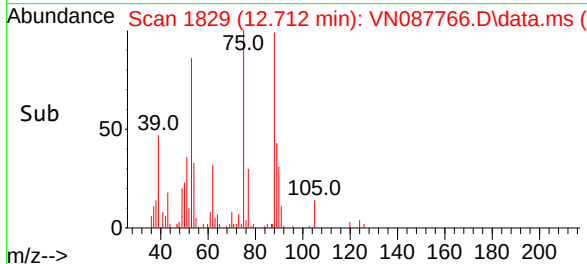
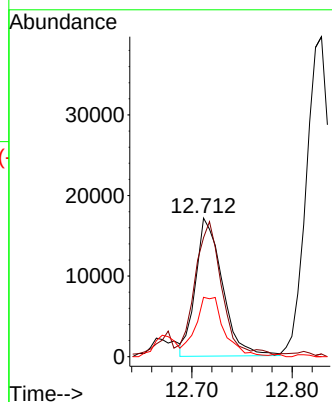
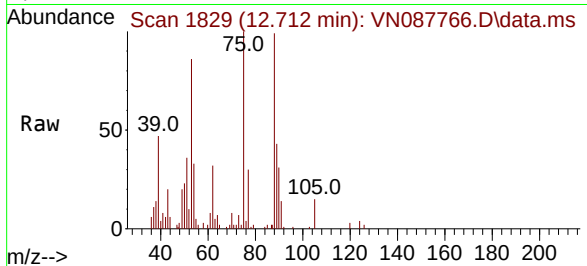




#77  
t-1,4-Dichloro-2-butene  
Concen: 18.287 ug/l  
RT: 12.712 min Scan# 1830  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

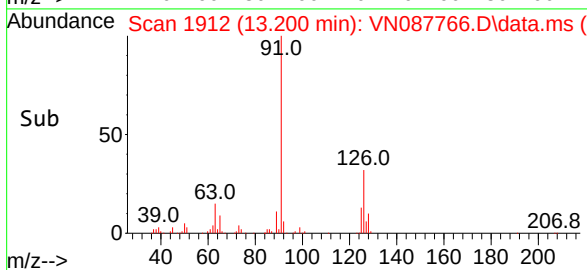
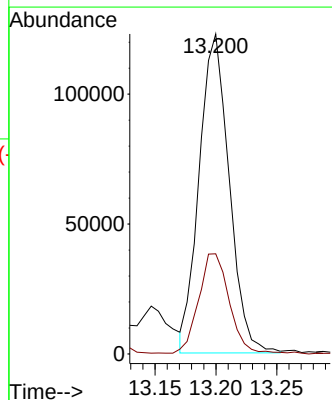
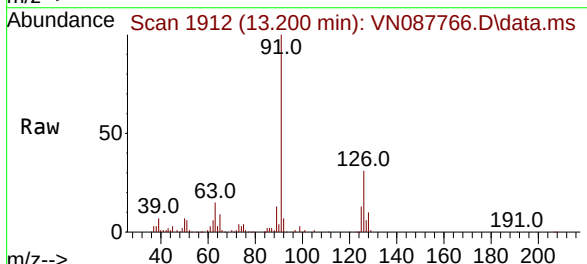
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

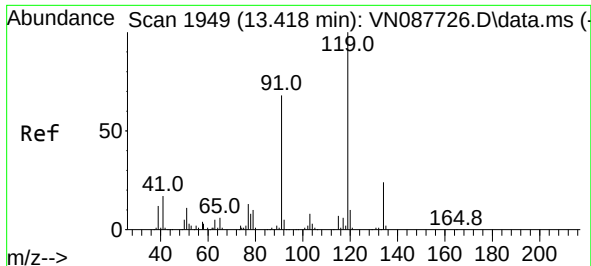
Tgt Ion: 75 Resp: 31878  
Ion Ratio Lower Upper  
75 100  
53 85.5 45.3 135.9  
89 42.2 18.8 56.3



#78  
4-Chlorotoluene  
Concen: 18.812 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 91 Resp: 210726  
Ion Ratio Lower Upper  
91 100  
126 32.3 0.0 67.0

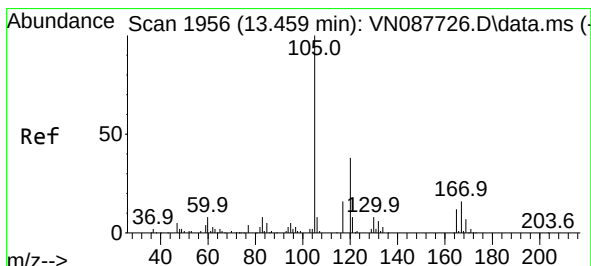
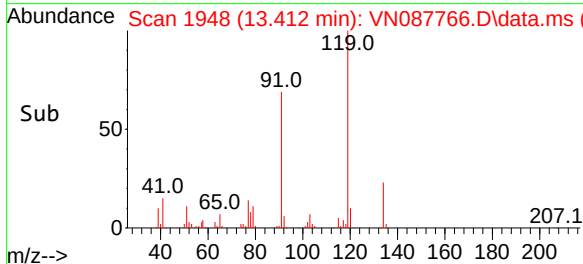
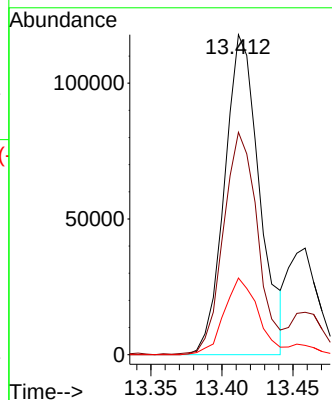
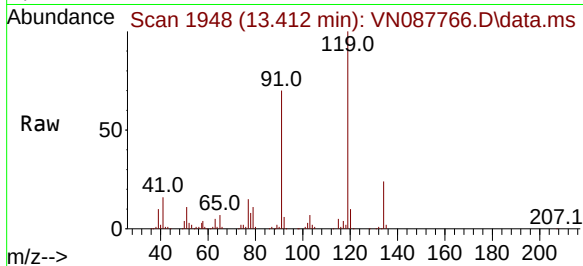




#79  
tert-butylbenzene  
Concen: 19.495 ug/l  
RT: 13.412 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

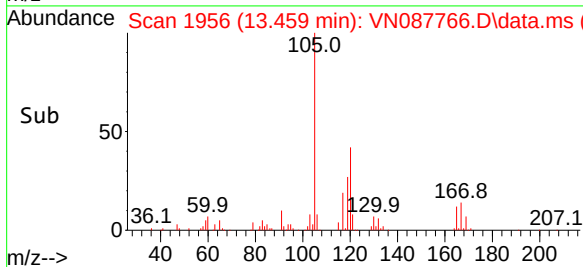
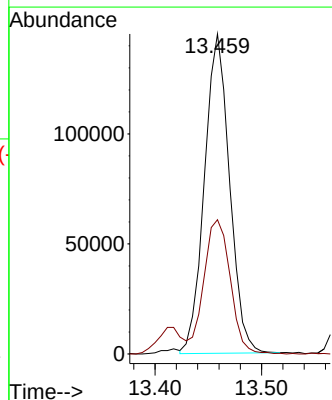
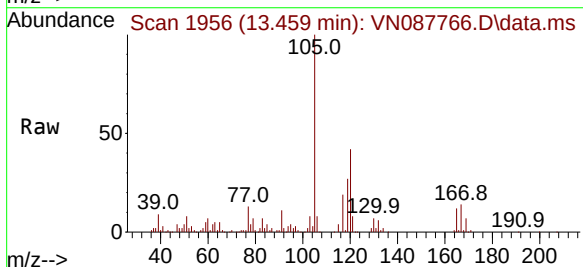
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

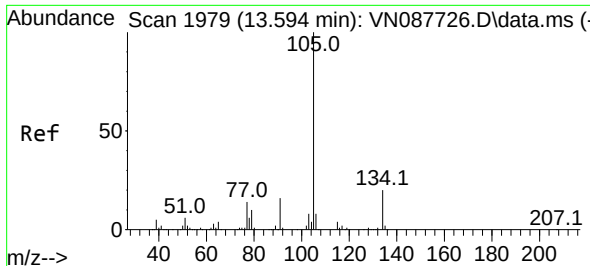
Tgt Ion:119 Resp: 201723  
Ion Ratio Lower Upper  
119 100  
91 67.9 0.0 142.6  
134 23.1 0.0 47.2



#80  
1,2,4-Trimethylbenzene  
Concen: 18.755 ug/l  
RT: 13.459 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion:105 Resp: 237570  
Ion Ratio Lower Upper  
105 100  
120 44.2 0.0 86.6

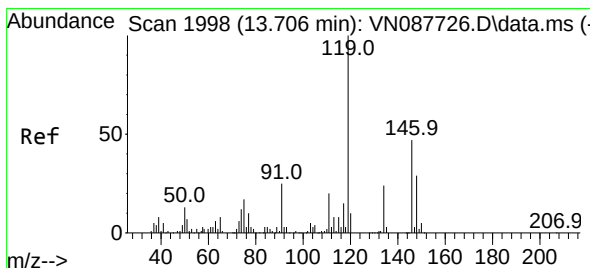
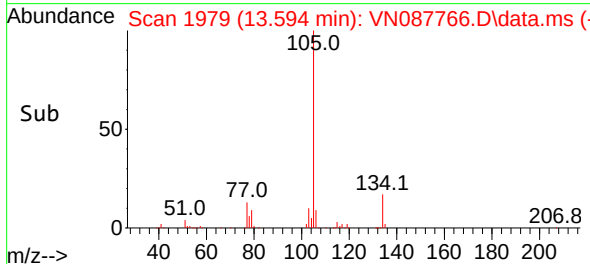
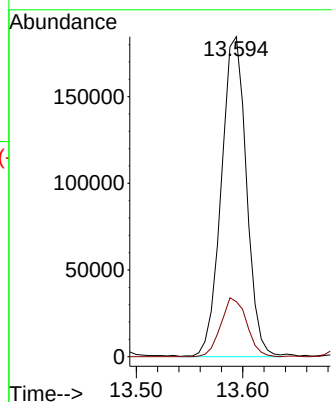
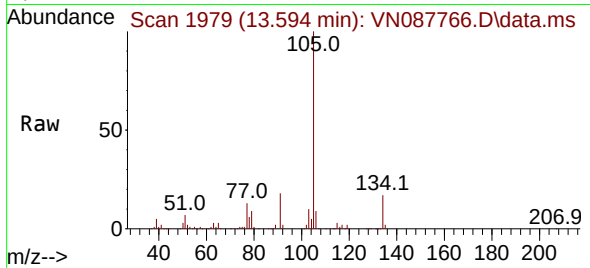




#81  
 sec-Butylbenzene  
 Concen: 19.884 ug/l  
 RT: 13.594 min Scan# 1979  
 Delta R.T. -0.000 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

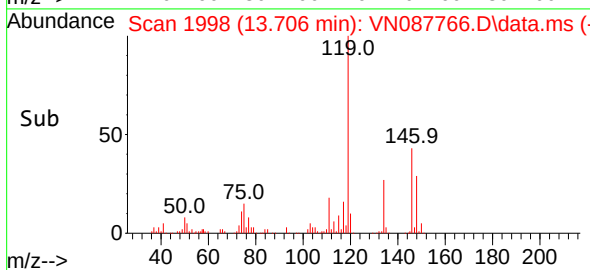
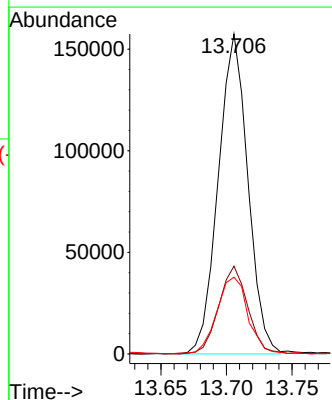
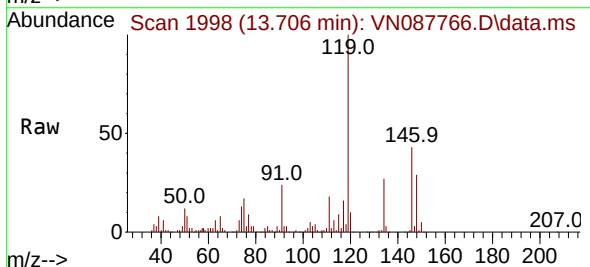
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0909WBSD01

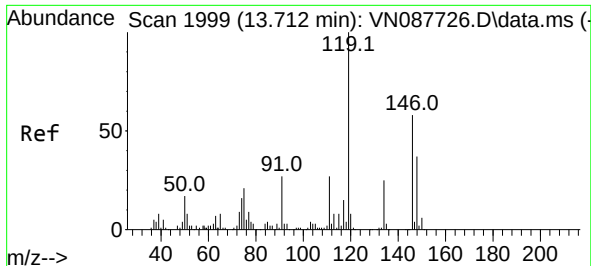
Tgt Ion:105 Resp: 302627  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 0.0 37.0



#82  
 p-Isopropyltoluene  
 Concen: 19.671 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. -0.000 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

Tgt Ion:119 Resp: 246675  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 0.0 49.4  
 91 24.6 0.0 52.2

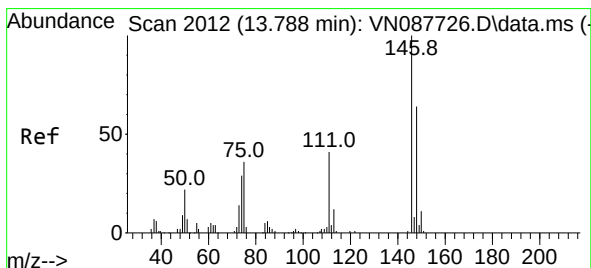
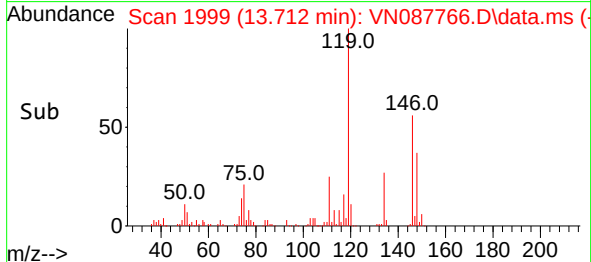
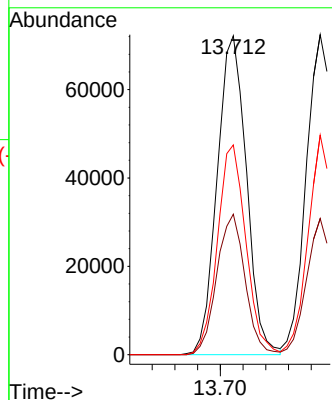
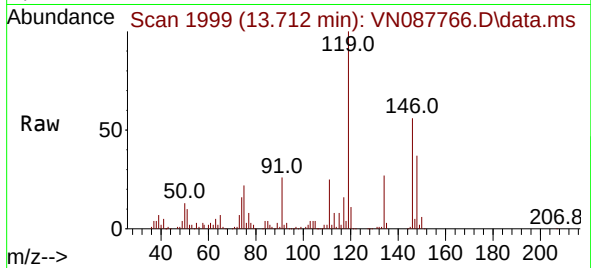




#83  
 1,3-Dichlorobenzene  
 Concen: 18.755 ug/l  
 RT: 13.712 min Scan# 1999  
 Delta R.T. -0.000 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

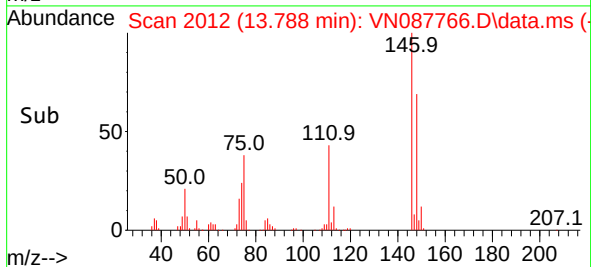
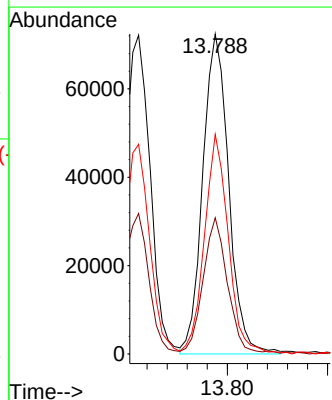
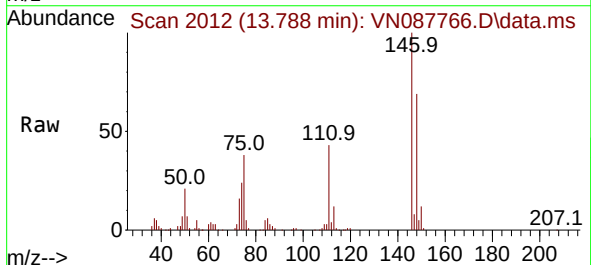
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0909WBSD01

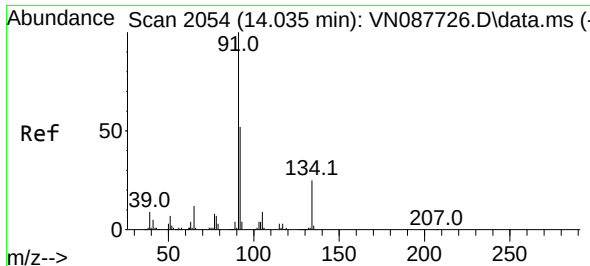
Tgt Ion:146 Resp: 129435  
 Ion Ratio Lower Upper  
 146 100  
 111 42.5 21.1 63.4  
 148 64.0 31.0 93.0



#84  
 1,4-Dichlorobenzene  
 Concen: 18.851 ug/l  
 RT: 13.788 min Scan# 2012  
 Delta R.T. -0.000 min  
 Lab File: VN087766.D  
 Acq: 09 Sep 2025 10:20

Tgt Ion:146 Resp: 130400  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 20.2 60.5  
 148 63.0 31.5 94.5

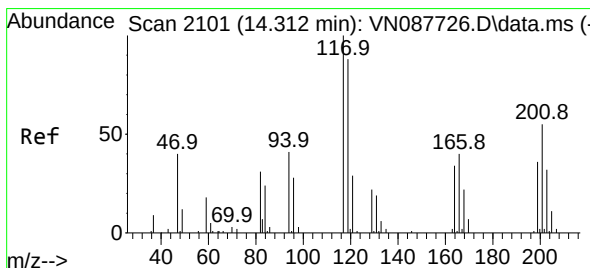
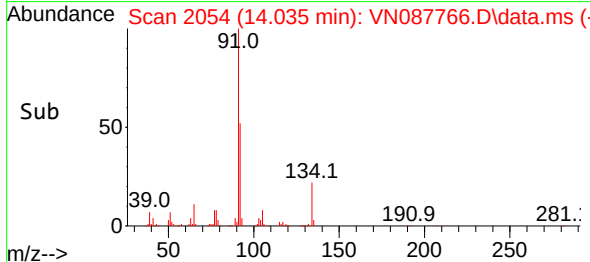
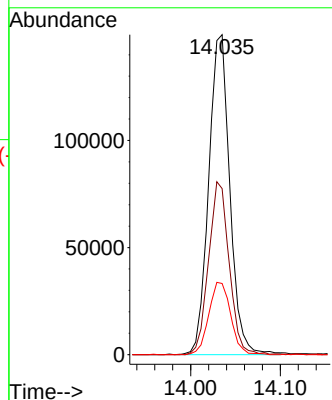
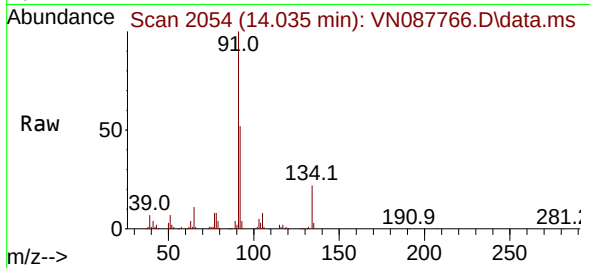




#85  
n-Butylbenzene  
Concen: 20.282 ug/l  
RT: 14.035 min Scan# 2054  
Delta R.T. -0.000 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

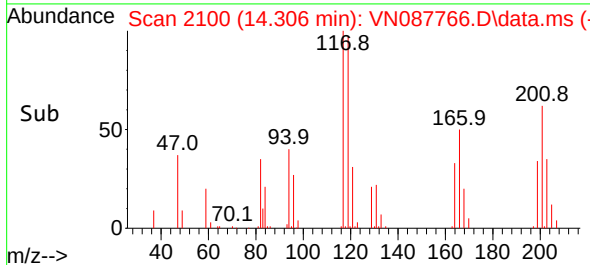
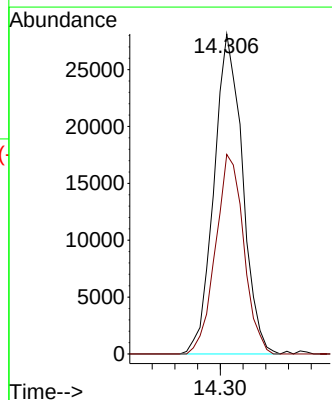
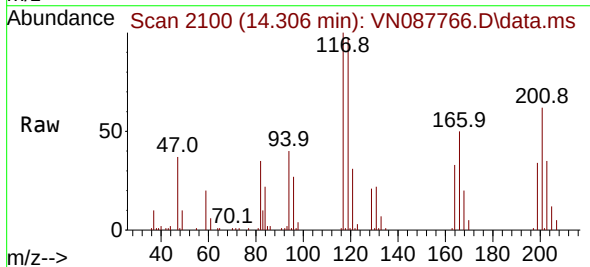
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0909WBSD01

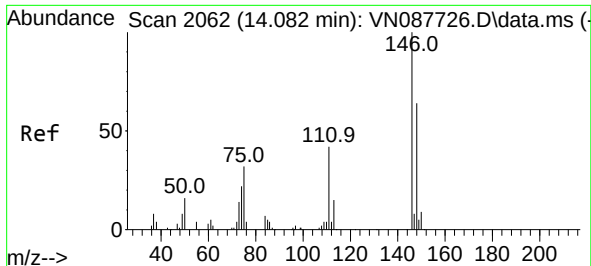
Tgt Ion: 91 Resp: 244479  
Ion Ratio Lower Upper  
91 100  
92 52.6 0.0 104.0  
134 23.3 0.0 46.0



#86  
Hexachloroethane  
Concen: 19.220 ug/l  
RT: 14.306 min Scan# 2100  
Delta R.T. -0.006 min  
Lab File: VN087766.D  
Acq: 09 Sep 2025 10:20

Tgt Ion: 117 Resp: 48957  
Ion Ratio Lower Upper  
117 100  
201 61.7 29.9 89.7





#87

1,2-Dichlorobenzene

Concen: 18.968 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0909WBSD01

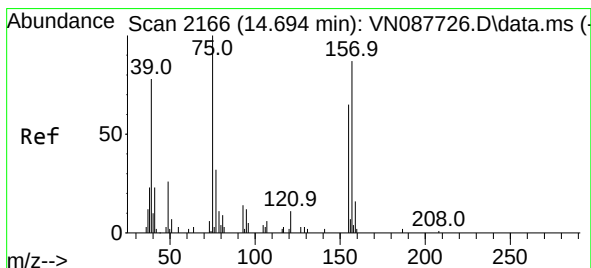
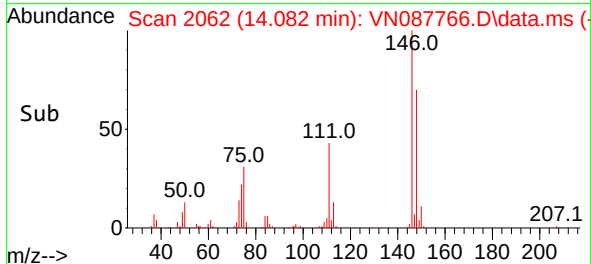
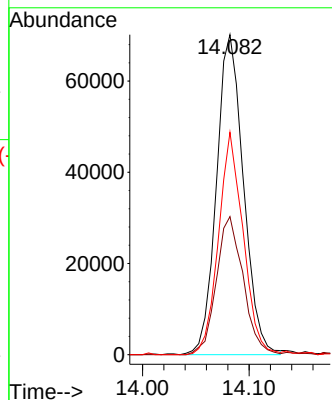
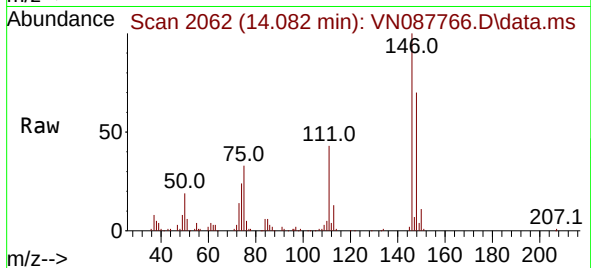
Tgt Ion:146 Resp: 123458

Ion Ratio Lower Upper

146 100

111 42.9 21.5 64.5

148 63.4 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.028 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

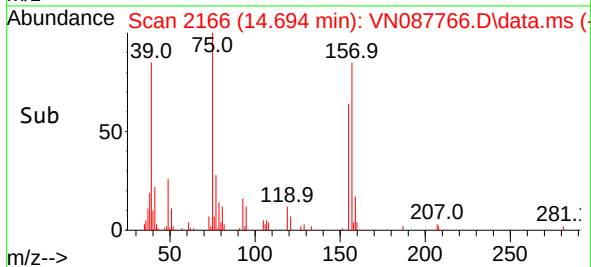
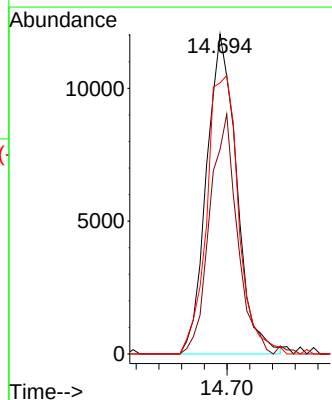
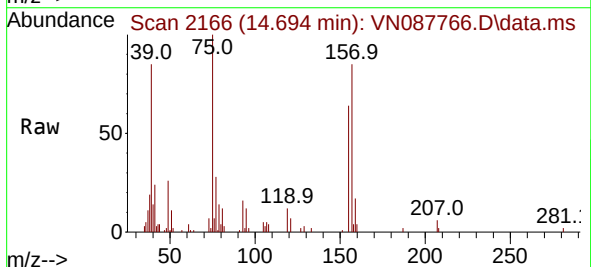
Tgt Ion: 75 Resp: 22211

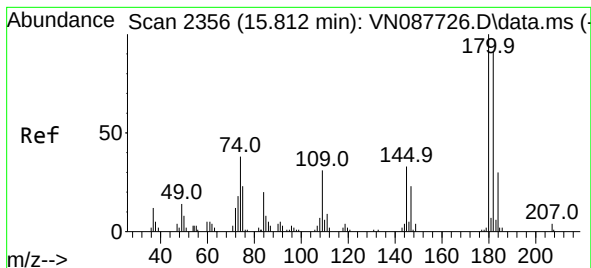
Ion Ratio Lower Upper

75 100

155 68.6 53.0 79.4

157 92.0 72.2 108.4





#89

1,2,4-Trichlorobenzene

Concen: 18.150 ug/l

RT: 15.811 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0909WBSD01

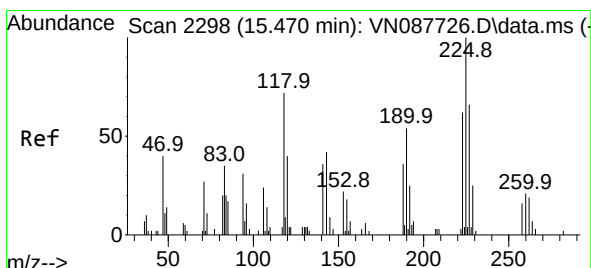
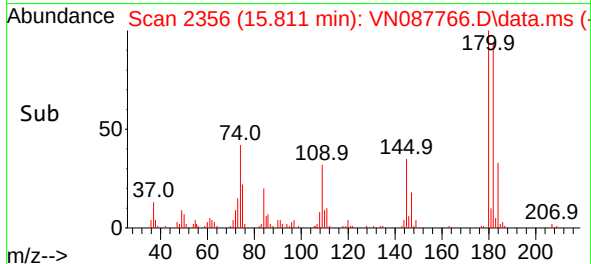
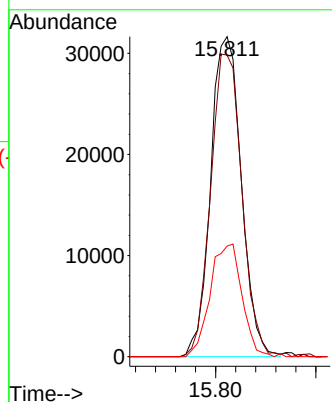
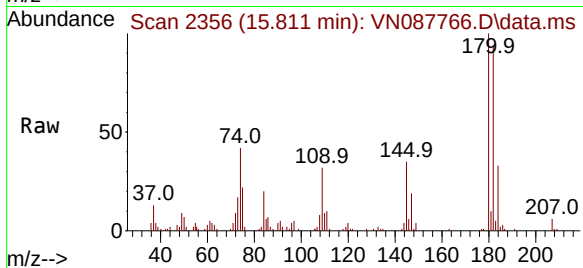
Tgt Ion:180 Resp: 67194

Ion Ratio Lower Upper

180 100

182 95.9 74.6 111.8

145 36.4 27.4 41.0



#90

Hexachlorobutadiene

Concen: 21.979 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

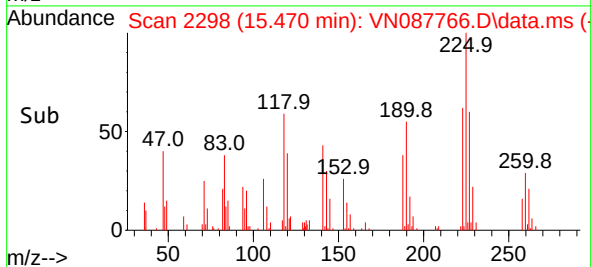
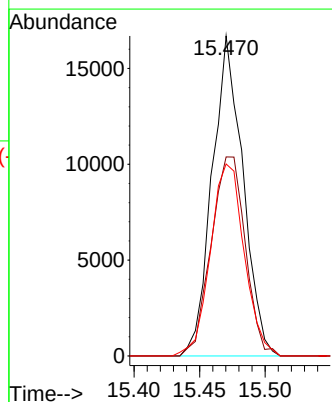
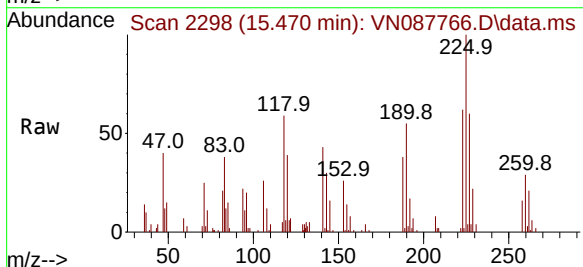
Tgt Ion:225 Resp: 27278

Ion Ratio Lower Upper

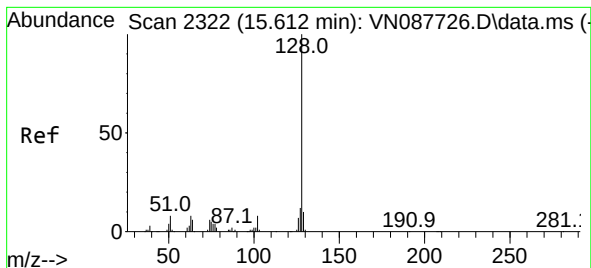
225 100

223 69.1 0.0 118.2

227 66.0 0.0 139.0







#91

Naphthalene

Concen: 17.843 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0909WBSD01

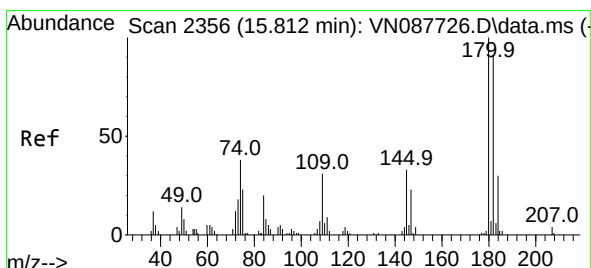
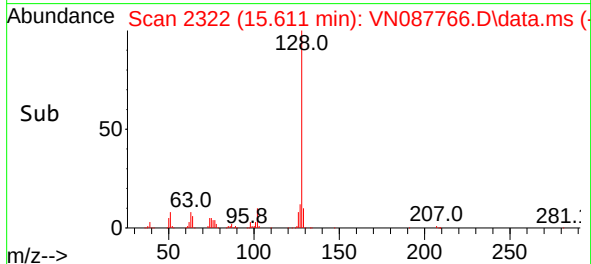
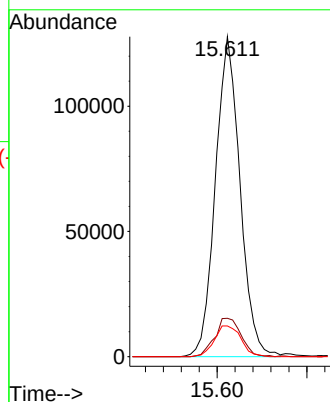
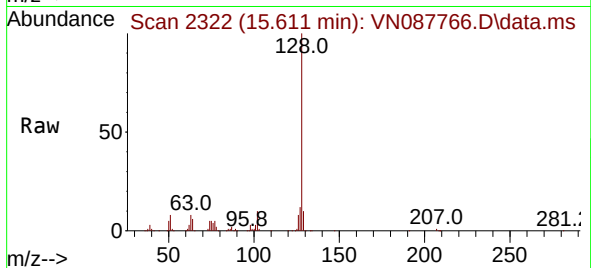
Tgt Ion:128 Resp: 243183

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.4 8.3 12.5



#92

1,2,3-Trichlorobenzene

Concen: 18.150 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Tgt Ion:180 Resp: 67194

Ion Ratio Lower Upper

180 100

182 95.9 0.0 186.4

145 36.4 0.0 68.4

