

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061125\  
 Data File : VN086943.D  
 Acq On : 11 Jun 2025 12:50  
 Operator : JC\MD  
 Sample : VN0611WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0611WBS01

Quant Time: Jun 12 01:30:36 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 07 02:12:50 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 195290   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 343742   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 299668   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 148006   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 119707   | 45.782   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 91.560% |
| 35) Dibromofluoromethane    | 8.177  | 113   | 101053   | 49.606   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.220% |
| 50) Toluene-d8              | 10.571 | 98    | 388724   | 48.203   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 96.400% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 145885   | 48.691   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 97.380% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.153 | 85  | 40574  | 20.837  | ug/l   | 98  |
| 3) Chloromethane             | 2.395 | 50  | 44101  | 17.539  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.553 | 62  | 53467  | 20.614  | ug/l   | 98  |
| 5) Bromomethane              | 3.000 | 94  | 26837  | 18.489  | ug/l   | 99  |
| 6) Chloroethane              | 3.153 | 64  | 34991  | 20.885  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.524 | 101 | 71820  | 21.193  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.983 | 74  | 32145  | 21.771  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 4.400 | 101 | 45145  | 21.204  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.618 | 142 | 36133  | 13.092  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 5.536 | 59  | 71351  | 100.568 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.371 | 96  | 46105  | 21.211  | ug/l   | 95  |
| 13) Acrolein                 | 4.200 | 56  | 19280  | 85.851  | ug/l   | 98  |
| 14) Allyl chloride           | 5.047 | 41  | 71573  | 19.855  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.741 | 53  | 172947 | 104.292 | ug/l   | 100 |
| 16) Acetone                  | 4.447 | 43  | 138908 | 100.179 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.742 | 76  | 114708 | 19.078  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.041 | 43  | 85236  | 21.094  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.818 | 73  | 166548 | 21.162  | ug/l   | 100 |
| 20) Methylene Chloride       | 5.306 | 84  | 52765  | 20.326  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.812 | 96  | 48220  | 19.939  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.683 | 45  | 159050 | 20.931  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.618 | 43  | 670270 | 104.402 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.583 | 63  | 92122  | 21.066  | ug/l   | 98  |
| 25) 2-Butanone               | 7.494 | 43  | 225186 | 99.910  | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.506 | 77  | 79801  | 23.460  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.500 | 96  | 60829  | 21.032  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.824 | 49  | 57102  | 26.558  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 148387 | 101.064 | ug/l   | 98  |
| 30) Chloroform               | 7.977 | 83  | 91459  | 20.943  | ug/l   | 98  |
| 31) Cyclohexane              | 8.265 | 56  | 80573  | 18.999  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 77687  | 20.916  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 65407  | 21.548  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.571 | 43  | 83339  | 21.567  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 63750  | 21.392  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 77414  | 18.615  | ug/l   | 99  |
| 40) Benzene                  | 8.612 | 78  | 212700 | 21.428  | ug/l   | 99  |

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 Operator : JC\MD  
 Sample : VN0611WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0611WBS01

Quant Time: Jun 12 01:30:36 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 07 02:12:50 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 43540    | 20.063  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 65343    | 21.704  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 132187   | 21.314  | ug/l   | 99       |
| 44) Trichloroethene           | 9.359  | 130  | 52125    | 22.146  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 53109    | 21.992  | ug/l   | 95       |
| 46) Dibromomethane            | 9.712  | 93   | 36082    | 22.495  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 72041    | 21.829  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.688  | 41   | 58285    | 20.418  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.706  | 88   | 24046    | 463.039 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 405846   | 108.699 | ug/l   | 100      |
| 52) Toluene                   | 10.629 | 92   | 132442   | 21.833  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 81129    | 21.985  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 87941    | 22.272  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 52562    | 22.519  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 83111    | 22.355  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 89545    | 22.115  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 246343   | 111.094 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.206 | 43   | 239996   | 99.791  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.359 | 129  | 54191    | 22.283  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 52801    | 22.070  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 39226    | 20.683  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.888 | 112  | 145475   | 22.011  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 47747    | 22.474  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 243851   | 21.420  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.070 | 106  | 193828   | 44.477  | ug/l   | 97       |
| 69) o-Xylene                  | 12.400 | 106  | 91428    | 21.905  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 156664   | 21.935  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 37369    | 23.739  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.694 | 105  | 226662   | 21.022  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.529 | 43   | 67853    | 18.009  | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 83730    | 22.922  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 112315   | 31.924  | ug/l   | 67       |
| 77) Bromobenzene              | 12.982 | 156  | 56172    | 22.716  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.035 | 91   | 273536   | 20.875  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 169185   | 21.530  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 185031   | 20.785  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 31212    | 20.422  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 172791   | 21.731  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 169039   | 20.744  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 188475   | 21.114  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.612 | 105  | 234839   | 19.845  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 193571   | 19.788  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 107008   | 21.995  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 109569   | 22.090  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.053 | 91   | 182909   | 19.304  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 33730    | 20.342  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 102497   | 21.929  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 18116    | 20.738  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 60612    | 20.307  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 19740    | 17.752  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 239647   | 21.571  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 58138    | 19.605  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061125\  
Data File : VN086943.D  
Acq On : 11 Jun 2025 12:50  
Operator : JC\MD  
Sample : VN0611WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

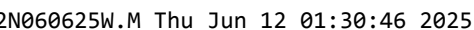
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

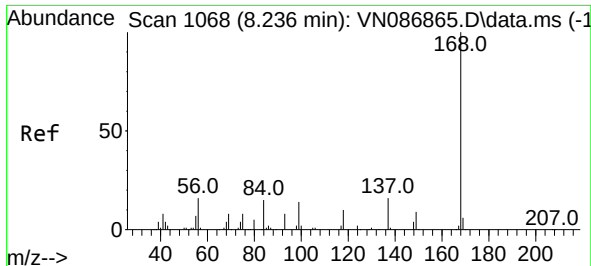
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 07 02:12:50 2025  
Response via : Initial Calibration

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

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

Quant Time: Jun 12 01:30:36 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 07 02:12:50 2025  
Response via : Initial Calibration

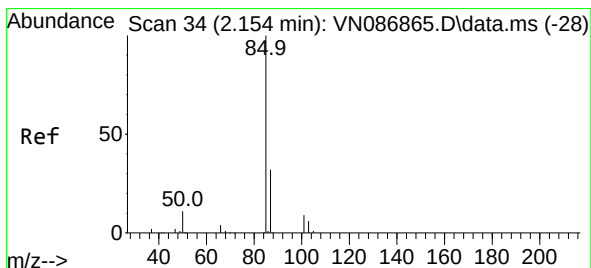
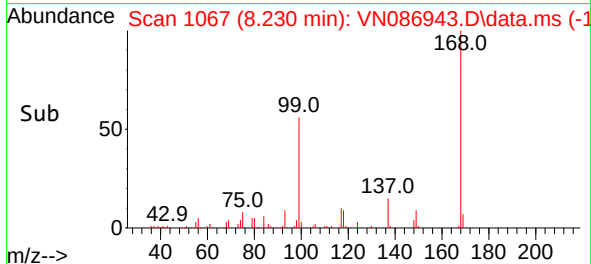
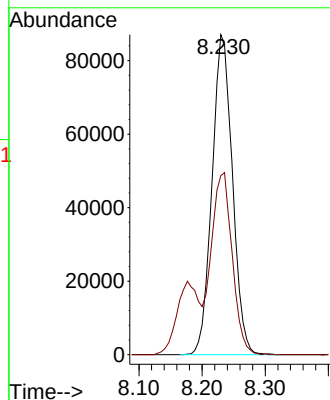
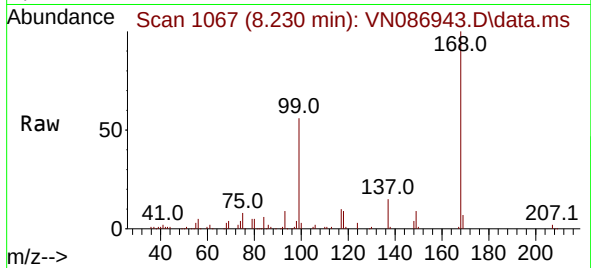




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

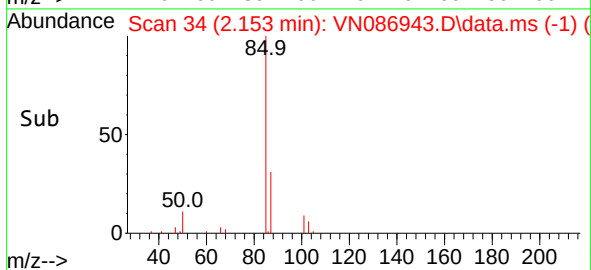
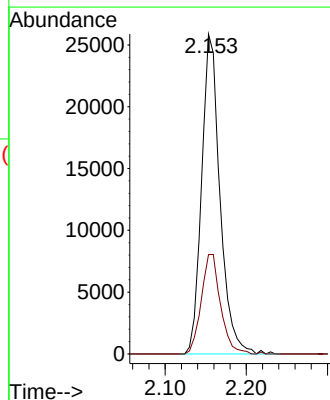
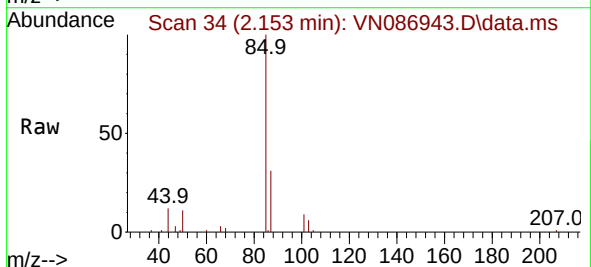
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

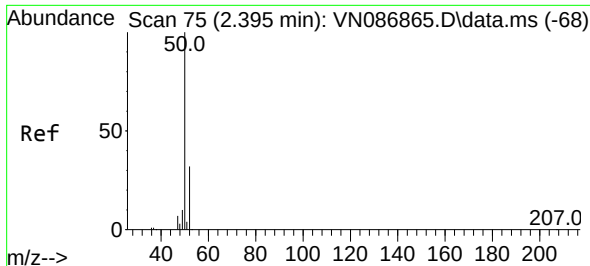
Tgt Ion:168 Resp: 195290  
Ion Ratio Lower Upper  
168 100  
99 56.0 49.1 73.7



#2  
Dichlorodifluoromethane  
Concen: 20.837 ug/l  
RT: 2.153 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 85 Resp: 40574  
Ion Ratio Lower Upper  
85 100  
87 31.1 16.2 48.6

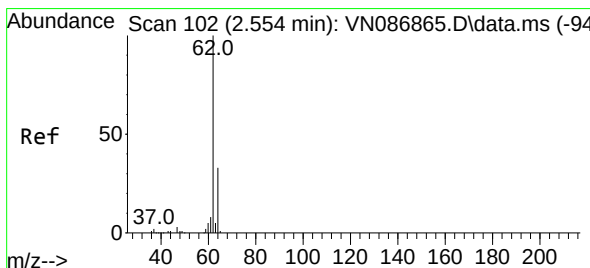
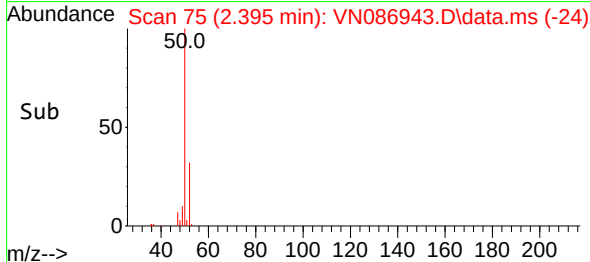
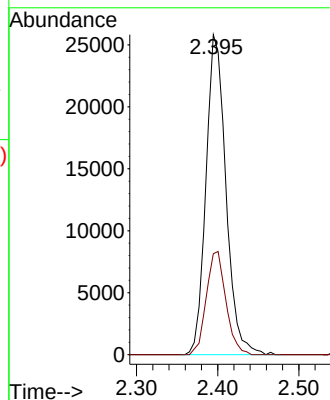
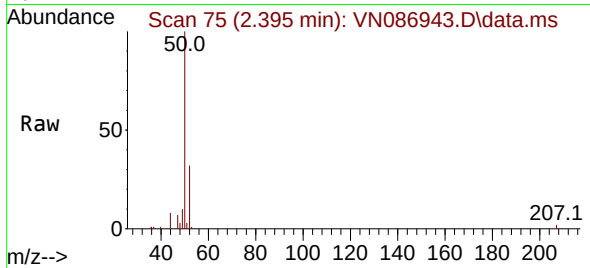




#3  
Chloromethane  
Concen: 17.539 ug/l  
RT: 2.395 min Scan# 75  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

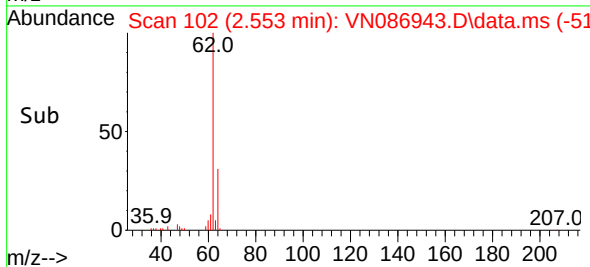
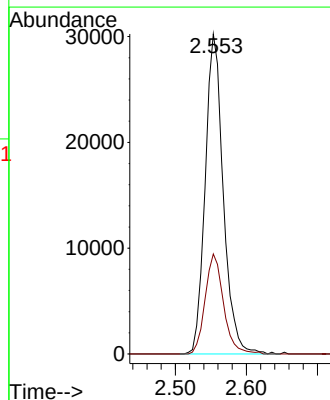
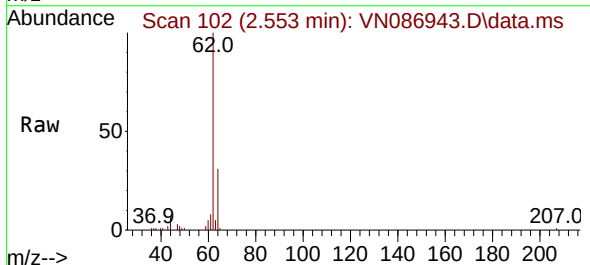
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

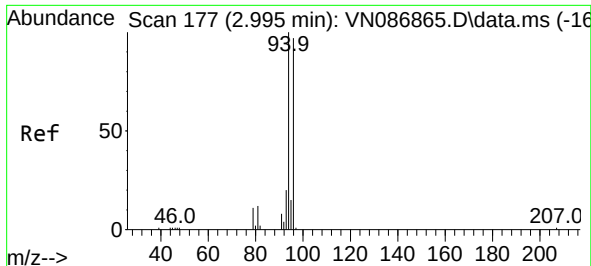
Tgt Ion: 50 Resp: 44101  
Ion Ratio Lower Upper  
50 100  
52 31.6 25.7 38.5



#4  
Vinyl Chloride  
Concen: 20.614 ug/l  
RT: 2.553 min Scan# 102  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 62 Resp: 53467  
Ion Ratio Lower Upper  
62 100  
64 31.3 26.0 39.0

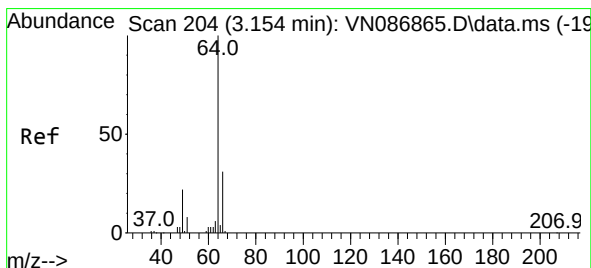
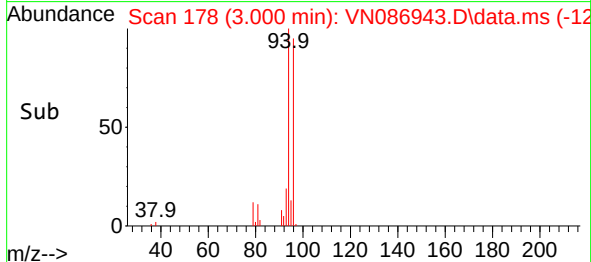
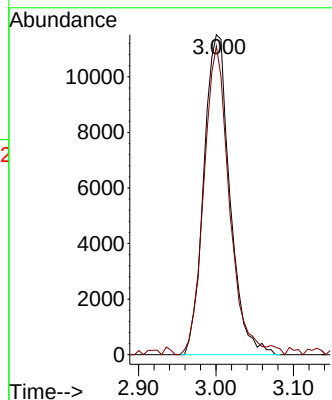
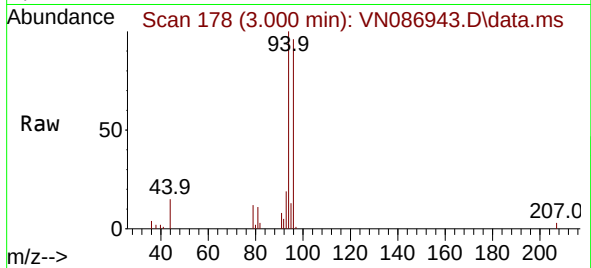




#5  
Bromomethane  
Concen: 18.489 ug/l  
RT: 3.000 min Scan# 177  
Delta R.T. 0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

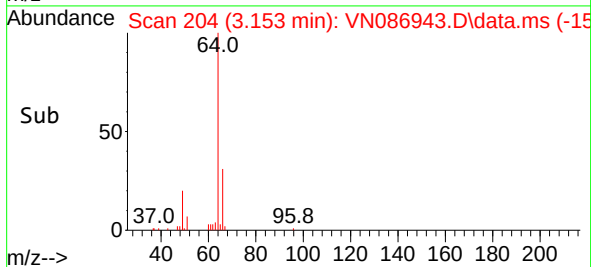
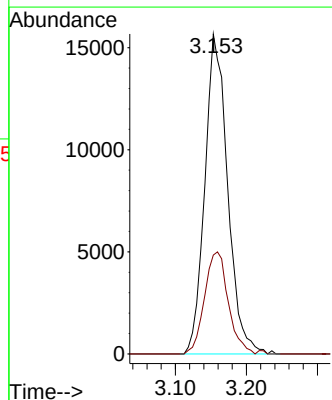
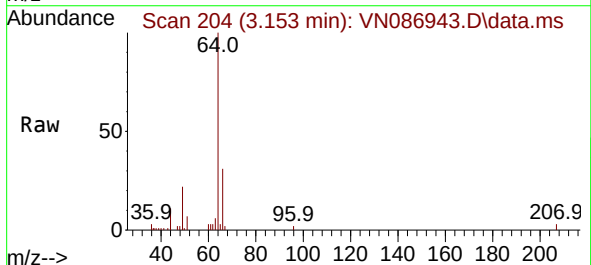
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

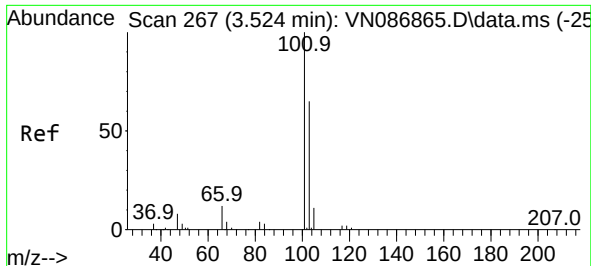
Tgt Ion: 94 Resp: 26837  
Ion Ratio Lower Upper  
94 100  
96 96.4 77.9 116.9



#6  
Chloroethane  
Concen: 20.885 ug/l  
RT: 3.153 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 64 Resp: 34991  
Ion Ratio Lower Upper  
64 100  
66 30.9 24.6 36.8

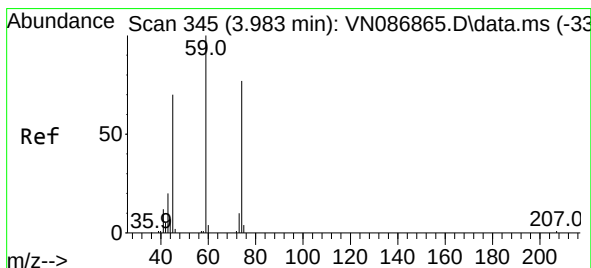
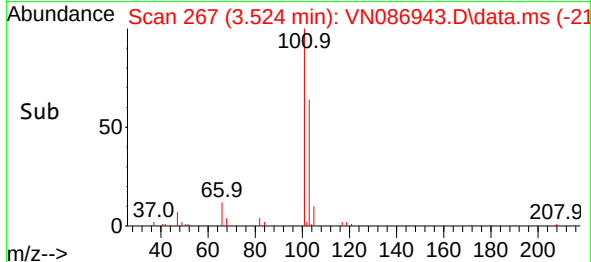
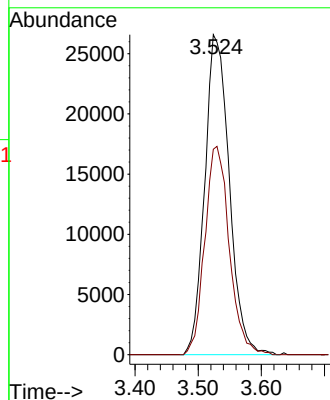
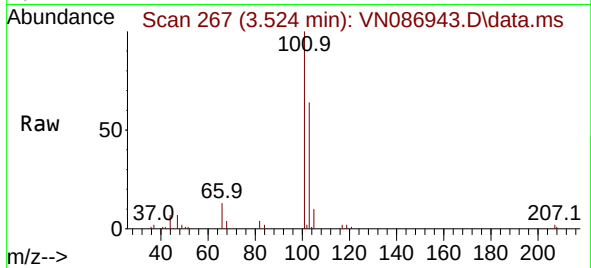




#7  
 Trichlorofluoromethane  
 Concen: 21.193 ug/l  
 RT: 3.524 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN086943.D  
 Acq: 11 Jun 2025 12:50

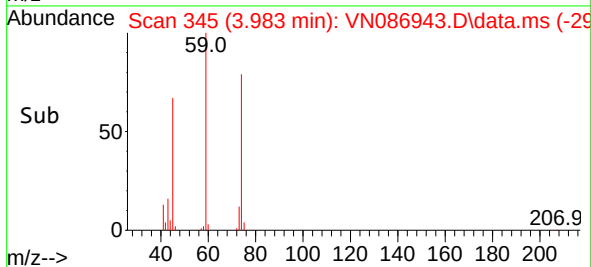
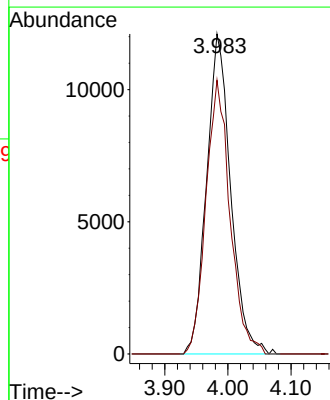
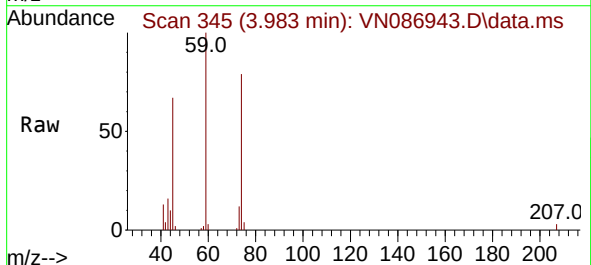
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0611WBS01

Tgt Ion:101 Resp: 71820  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 52.2 78.2

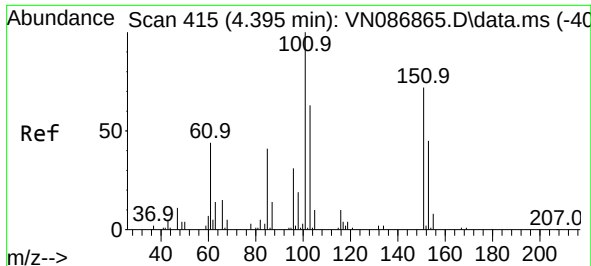


#8  
 Diethyl Ether  
 Concen: 21.771 ug/l  
 RT: 3.983 min Scan# 345  
 Delta R.T. -0.000 min  
 Lab File: VN086943.D  
 Acq: 11 Jun 2025 12:50

Tgt Ion: 74 Resp: 32145  
 Ion Ratio Lower Upper  
 74 100  
 45 85.3 45.5 136.5



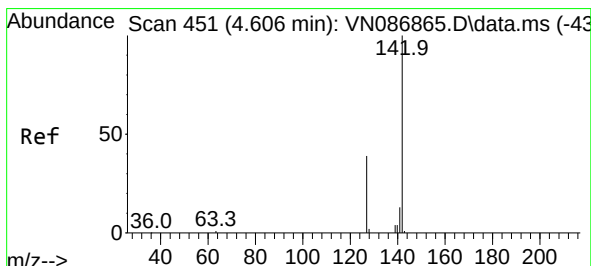
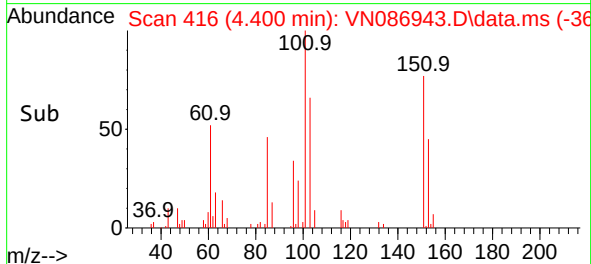
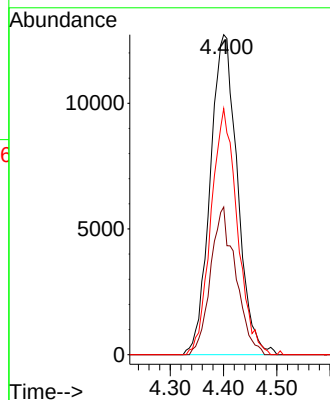
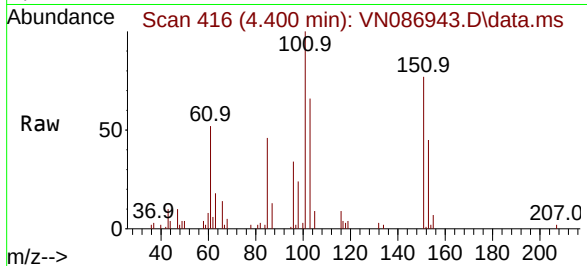




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.204 ug/l  
RT: 4.400 min Scan# 415  
Delta R.T. 0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

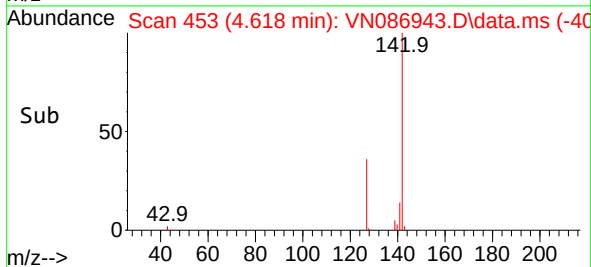
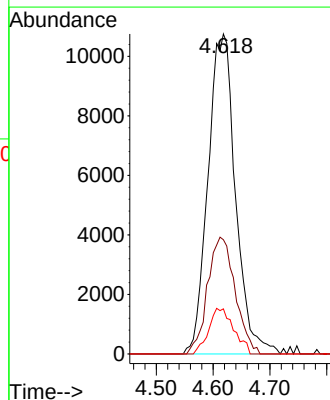
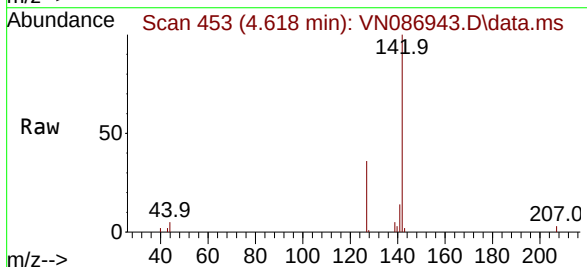
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

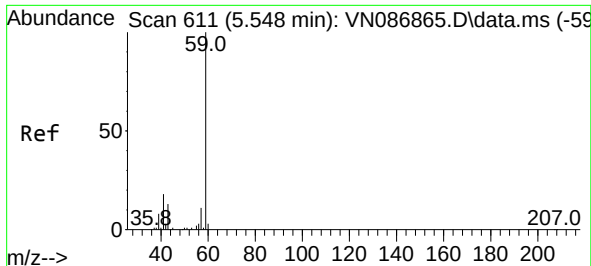
Tgt Ion:101 Resp: 45145  
Ion Ratio Lower Upper  
101 100  
85 42.8 33.8 50.8  
151 74.2 58.7 88.1



#10  
Methyl Iodide  
Concen: 13.092 ug/l  
RT: 4.618 min Scan# 453  
Delta R.T. 0.012 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion:142 Resp: 36133  
Ion Ratio Lower Upper  
142 100  
127 35.7 30.9 46.3  
141 14.1 10.4 15.6

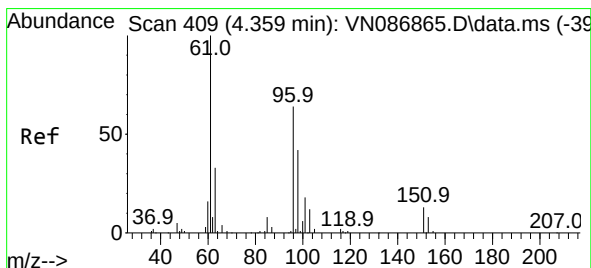
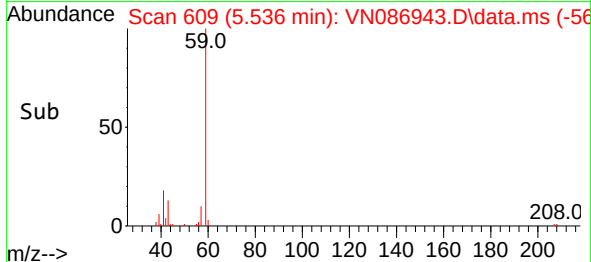
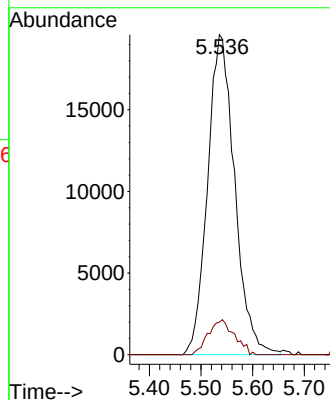
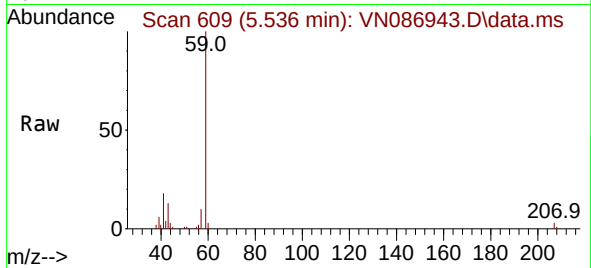




#11  
Tert butyl alcohol  
Concen: 100.568 ug/l  
RT: 5.536 min Scan# 611  
Delta R.T. -0.012 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

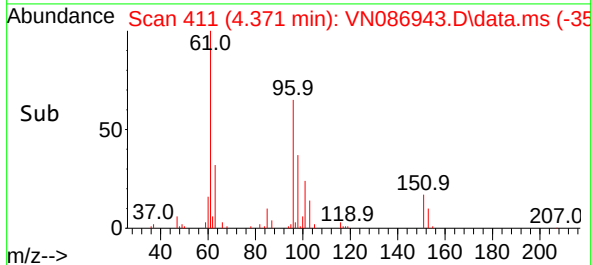
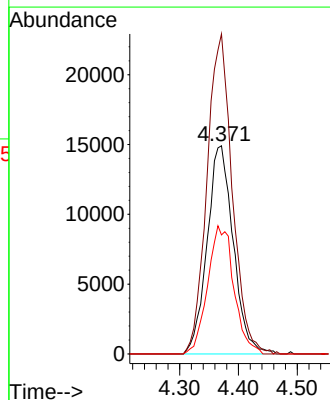
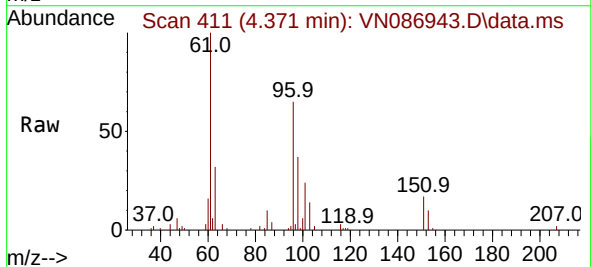
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

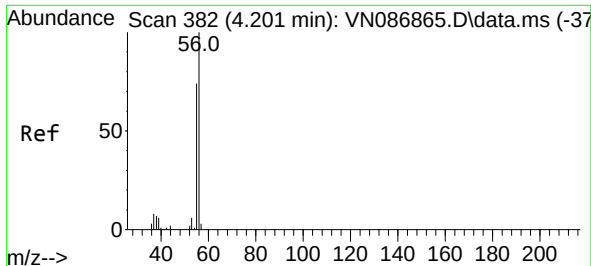
Tgt Ion: 59 Resp: 71351  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 21.211 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.012 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 96 Resp: 46105  
Ion Ratio Lower Upper  
96 100  
61 153.8 125.8 188.6  
98 57.2 52.5 78.7

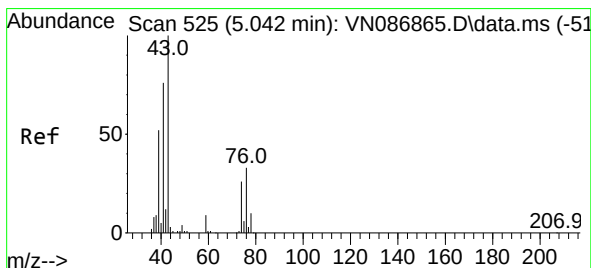
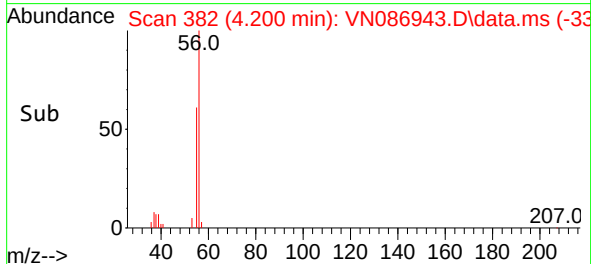
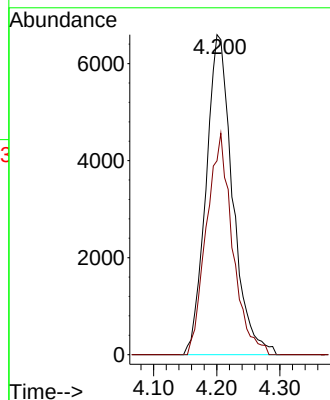
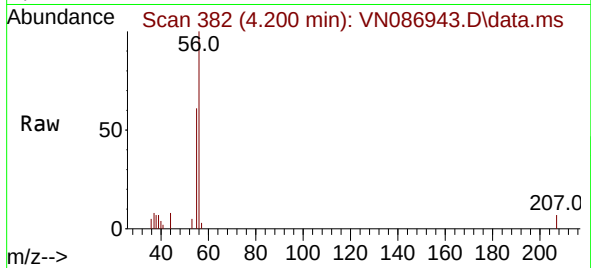




#13  
Acrolein  
Concen: 85.851 ug/l  
RT: 4.200 min Scan# 382  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

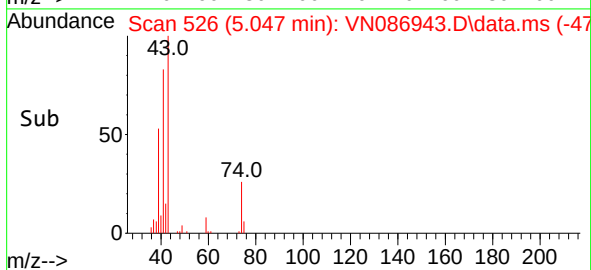
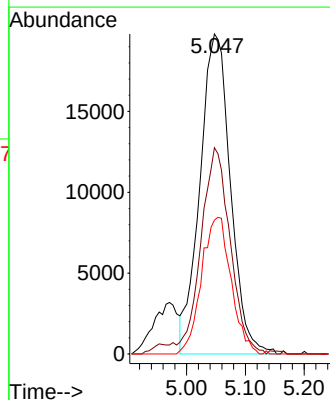
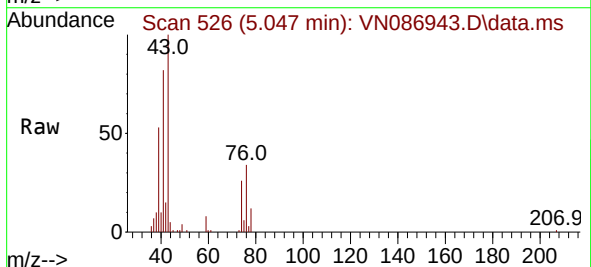
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ClientSampleId :  
VN0611WBS01

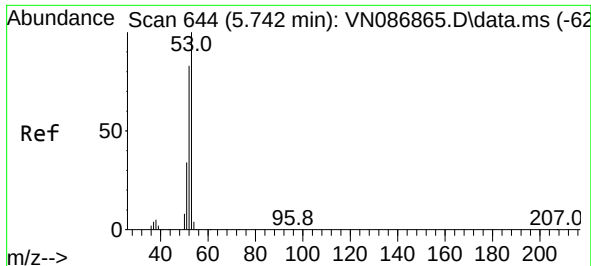
Tgt Ion: 56 Resp: 19280  
Ion Ratio Lower Upper  
56 100  
55 68.0 55.6 83.4



#14  
Allyl chloride  
Concen: 19.855 ug/l  
RT: 5.047 min Scan# 526  
Delta R.T. 0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

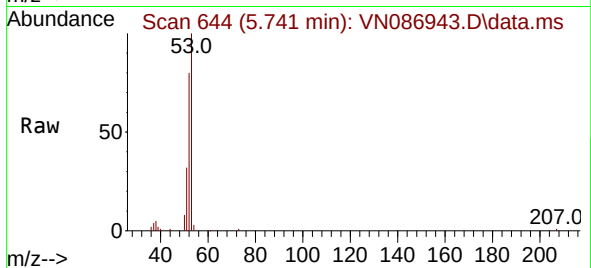
Tgt Ion: 41 Resp: 71573  
Ion Ratio Lower Upper  
41 100  
39 61.4 51.3 76.9  
76 41.2 31.4 47.0



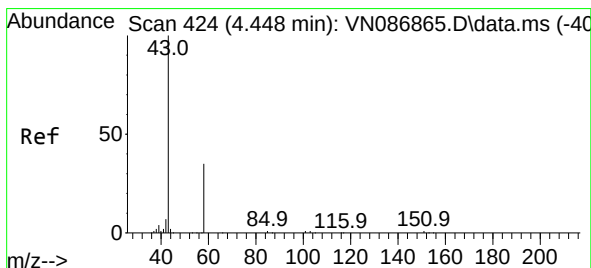
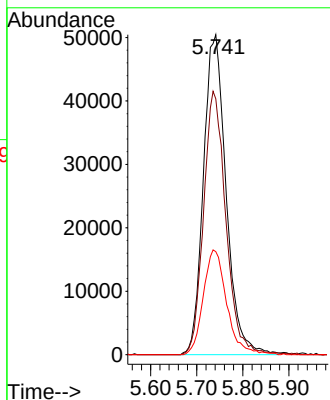
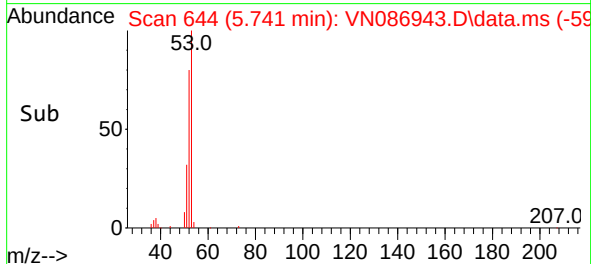


#15  
Acrylonitrile  
Concen: 104.292 ug/l  
RT: 5.741 min Scan# 644  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

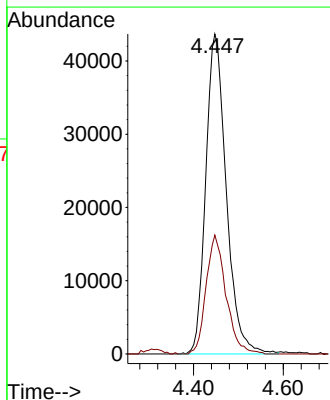
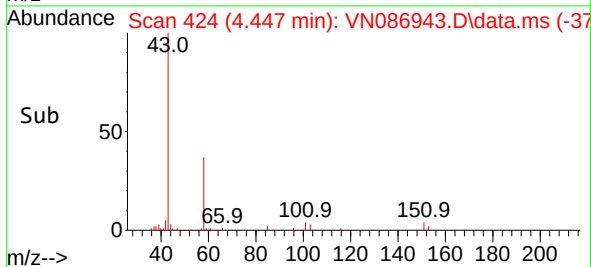
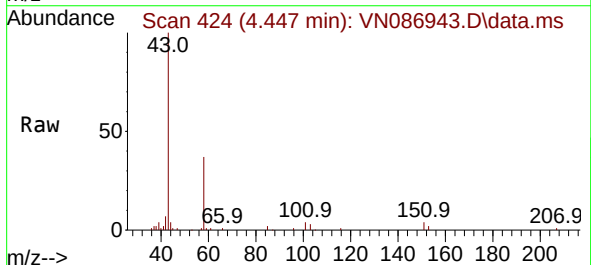


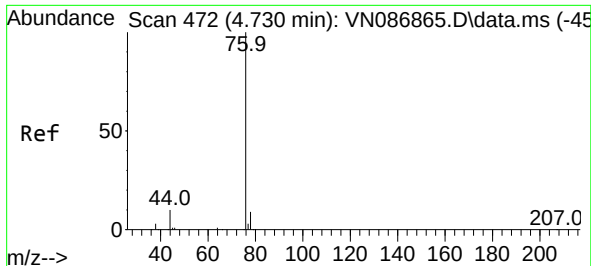
Tgt Ion: 53 Resp: 172947  
Ion Ratio Lower Upper  
53 100  
52 80.8 65.0 97.6  
51 33.8 27.2 40.8



#16  
Acetone  
Concen: 100.179 ug/l  
RT: 4.447 min Scan# 424  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 43 Resp: 138908  
Ion Ratio Lower Upper  
43 100  
58 37.1 28.0 42.0

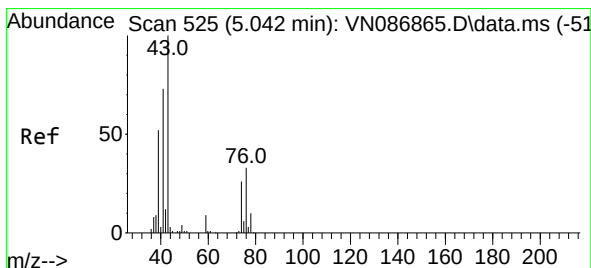
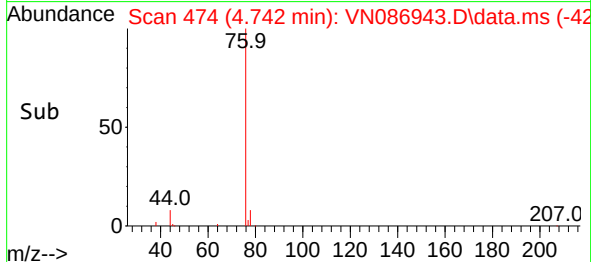
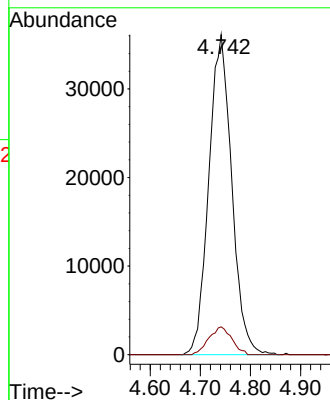
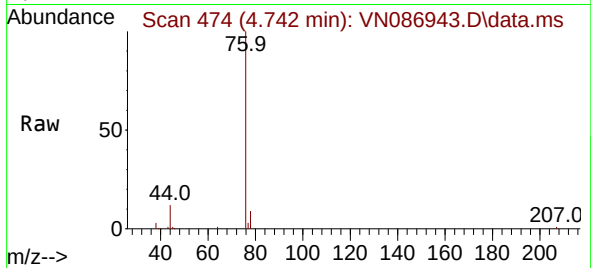




#17  
Carbon Disulfide  
Concen: 19.078 ug/l  
RT: 4.742 min Scan# 472  
Delta R.T. 0.012 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

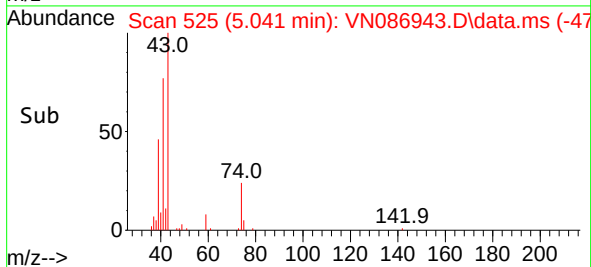
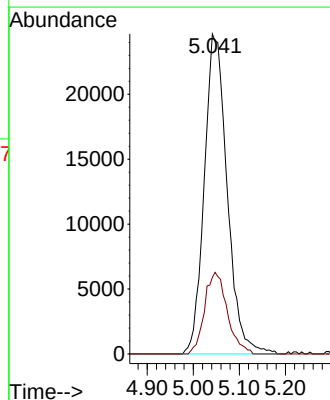
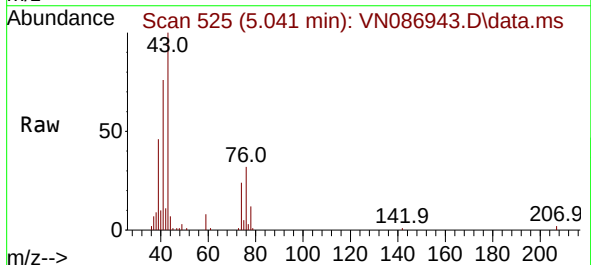
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

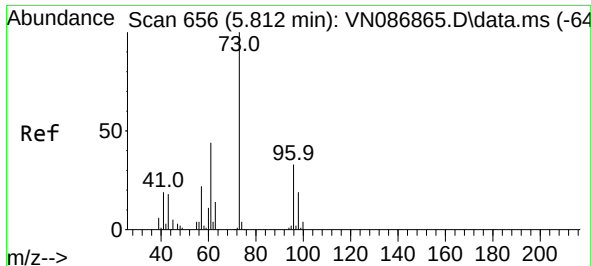
Tgt Ion: 76 Resp: 114708  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.3 10.9



#18  
Methyl Acetate  
Concen: 21.094 ug/l  
RT: 5.041 min Scan# 525  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 43 Resp: 85236  
Ion Ratio Lower Upper  
43 100  
74 25.3 20.7 31.1

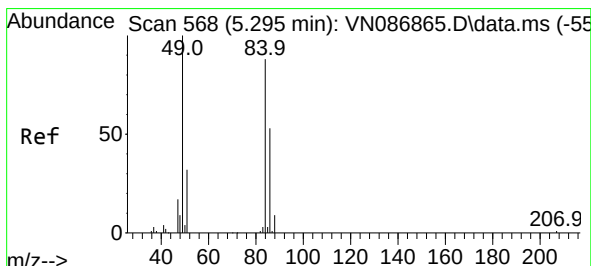
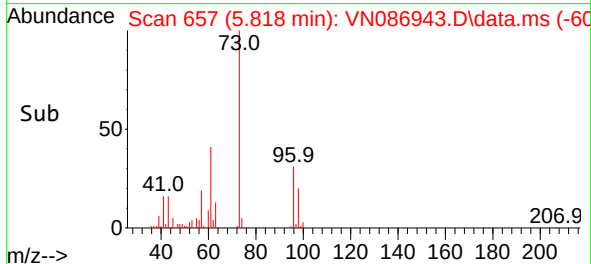
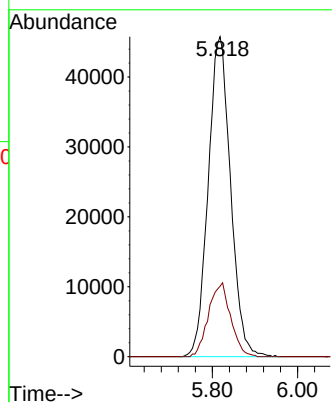
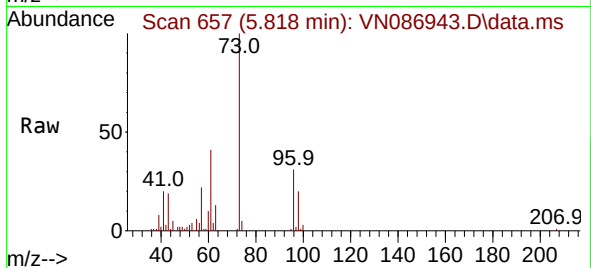




#19  
Methyl tert-butyl Ether  
Concen: 21.162 ug/l  
RT: 5.818 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

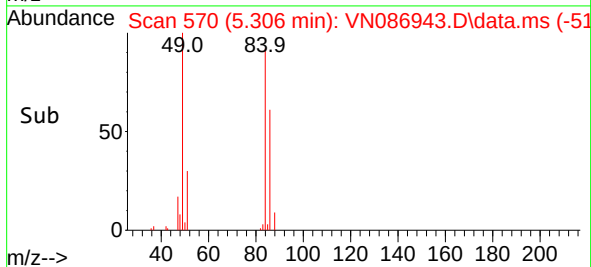
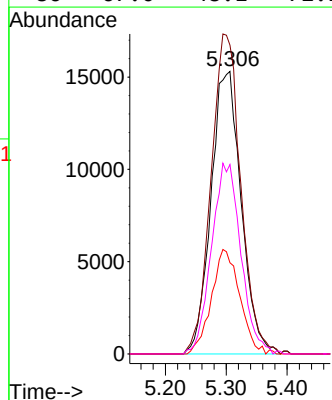
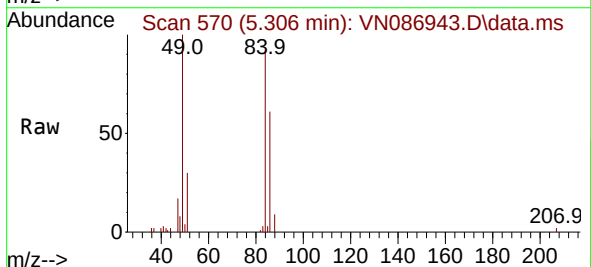
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

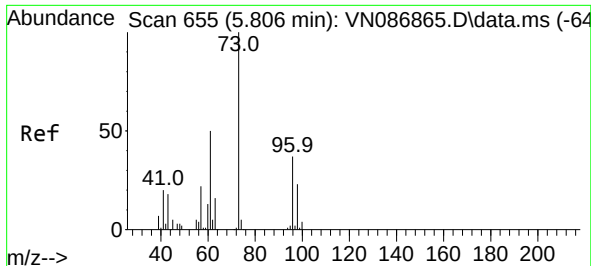
Tgt Ion: 73 Resp: 166548  
Ion Ratio Lower Upper  
73 100  
57 22.0 17.4 26.2



#20  
Methylene Chloride  
Concen: 20.326 ug/l  
RT: 5.306 min Scan# 570  
Delta R.T. 0.012 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 84 Resp: 52765  
Ion Ratio Lower Upper  
84 100  
49 109.3 90.5 135.7  
51 32.3 28.5 42.7  
86 67.0 48.1 72.1

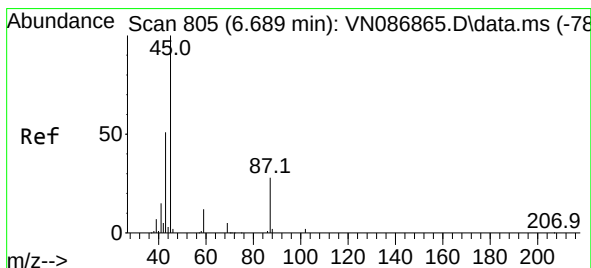
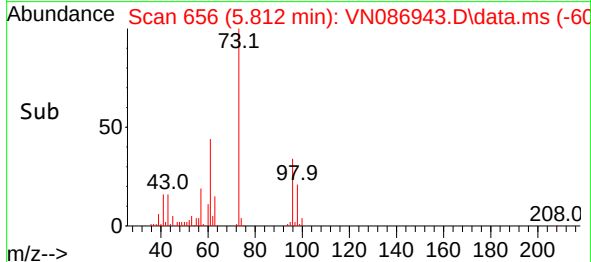
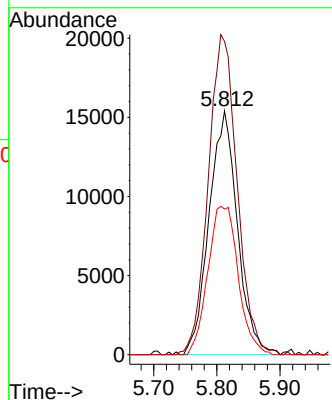
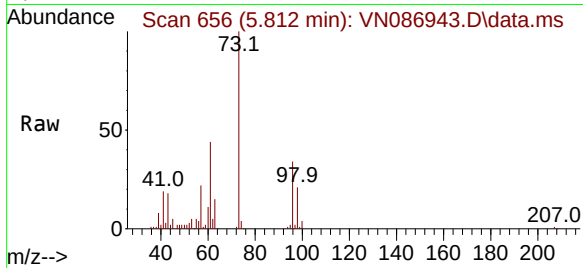




#21  
trans-1,2-Dichloroethene  
Concen: 19.939 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

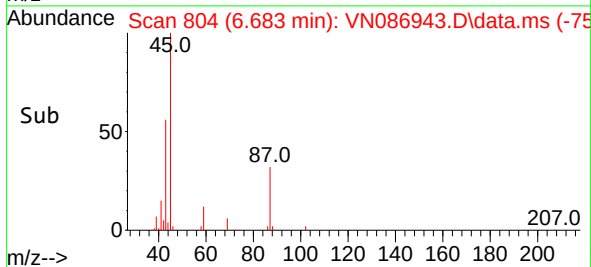
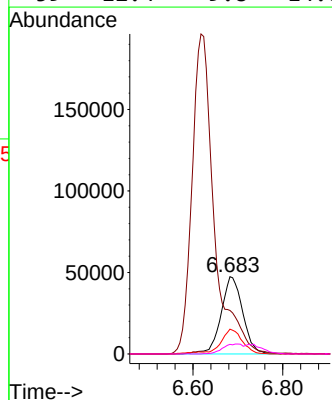
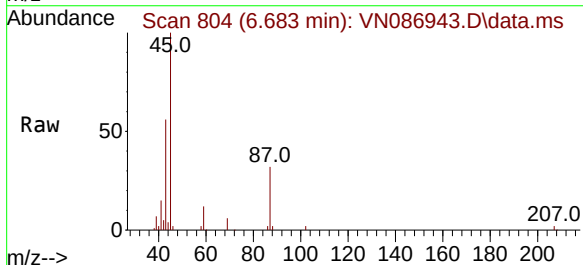
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

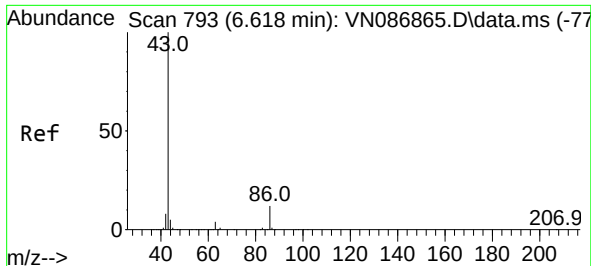
Tgt Ion: 96 Resp: 48220  
Ion Ratio Lower Upper  
96 100  
61 128.5 109.2 163.8  
98 59.7 49.8 74.8



#22  
Diisopropyl ether  
Concen: 20.931 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 45 Resp: 159050  
Ion Ratio Lower Upper  
45 100  
43 55.4 41.9 62.9  
87 32.0 22.4 33.6  
59 12.4 9.8 14.6

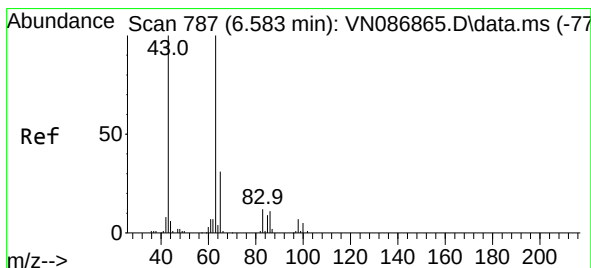
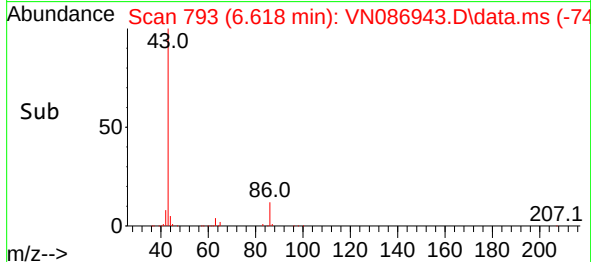
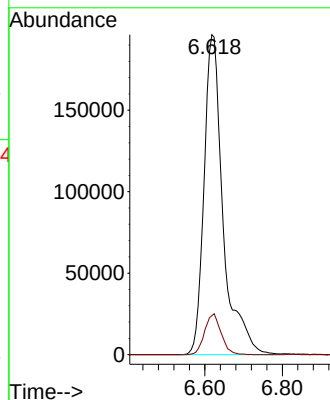
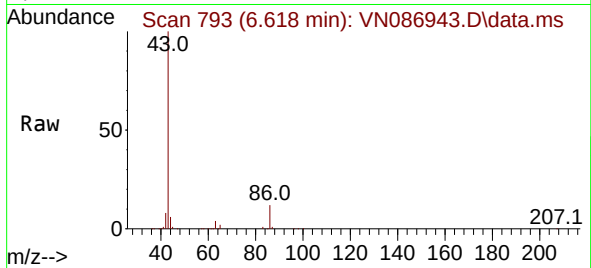




#23  
 Vinyl Acetate  
 Concen: 104.402 ug/l  
 RT: 6.618 min Scan# 793  
 Delta R.T. -0.000 min  
 Lab File: VN086943.D  
 Acq: 11 Jun 2025 12:50

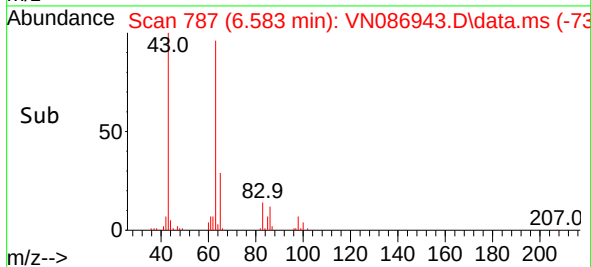
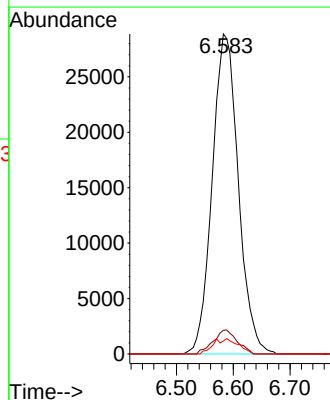
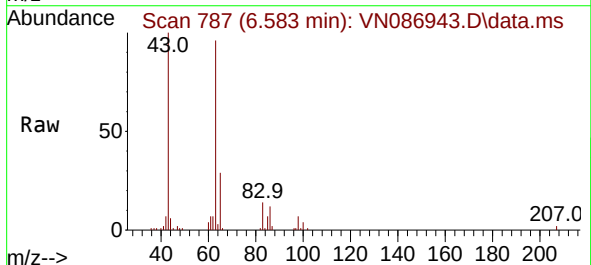
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0611WBS01

Tgt Ion: 43 Resp: 670270  
 Ion Ratio Lower Upper  
 43 100  
 86 12.2 9.5 14.3

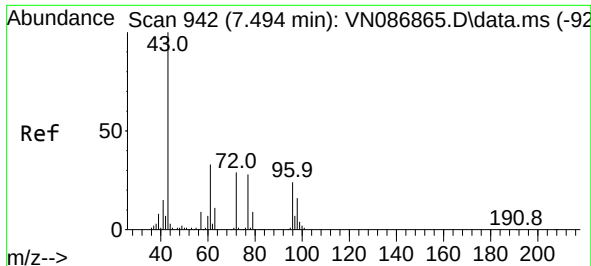


#24  
 1,1-Dichloroethane  
 Concen: 21.066 ug/l  
 RT: 6.583 min Scan# 787  
 Delta R.T. -0.000 min  
 Lab File: VN086943.D  
 Acq: 11 Jun 2025 12:50

Tgt Ion: 63 Resp: 92122  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.6 10.8  
 100 4.1 2.6 7.8



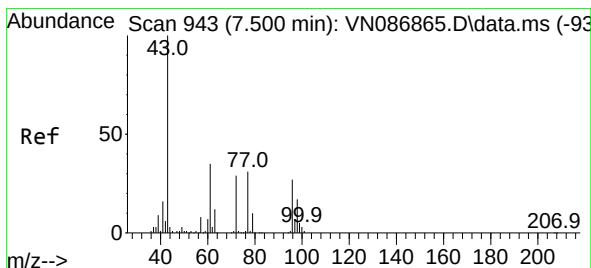
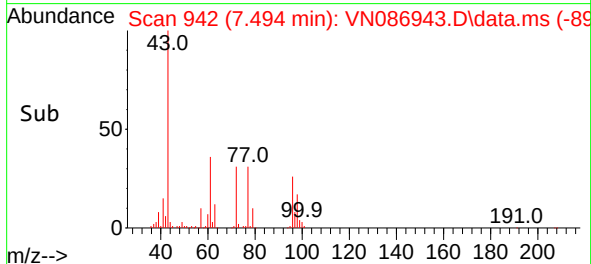
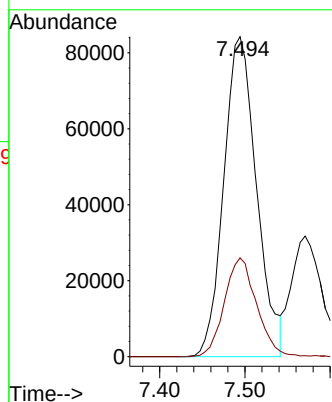
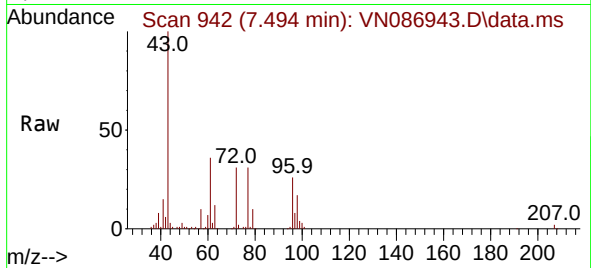




#25  
2-Butanone  
Concen: 99.910 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

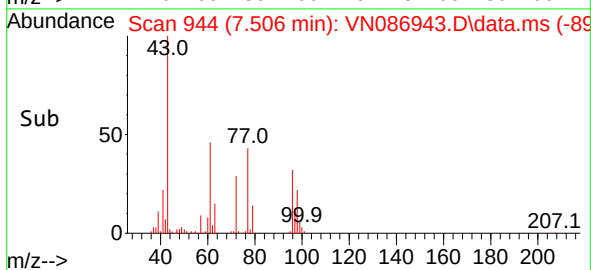
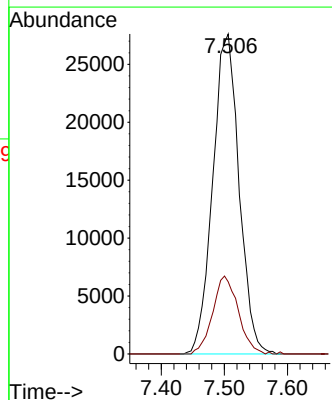
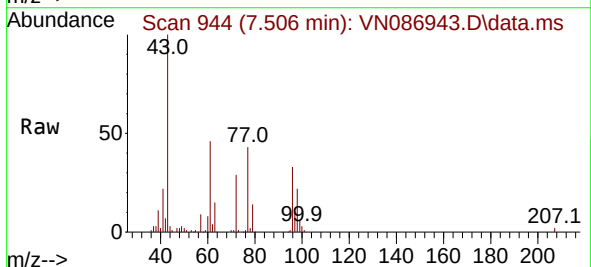
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

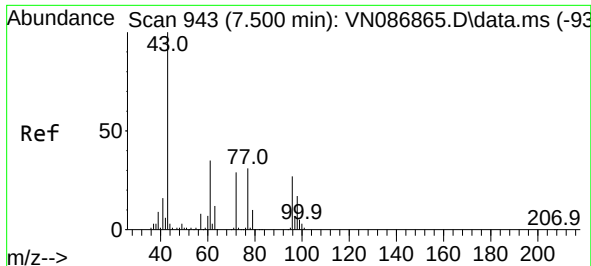
Tgt Ion: 43 Resp: 225186  
Ion Ratio Lower Upper  
43 100  
72 30.9 23.0 34.6



#26  
2,2-Dichloropropane  
Concen: 23.460 ug/l  
RT: 7.506 min Scan# 944  
Delta R.T. 0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 77 Resp: 79801  
Ion Ratio Lower Upper  
77 100  
97 23.7 11.6 34.7



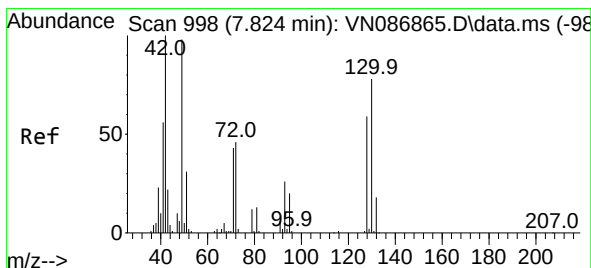
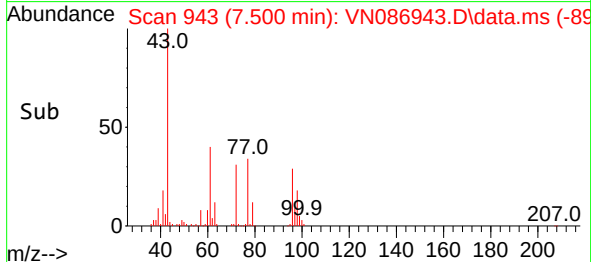
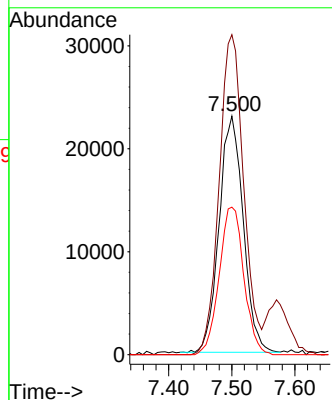
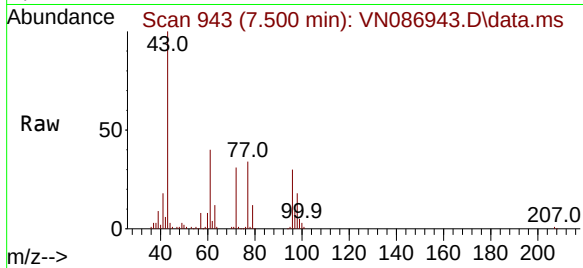


#27  
 cis-1,2-Dichloroethene  
 Concen: 21.032 ug/l  
 RT: 7.500 min Scan# 943  
 Delta R.T. -0.000 min  
 Lab File: VN086943.D  
 Acq: 11 Jun 2025 12:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0611WBS01

Tgt Ion: 96 Resp: 60829  

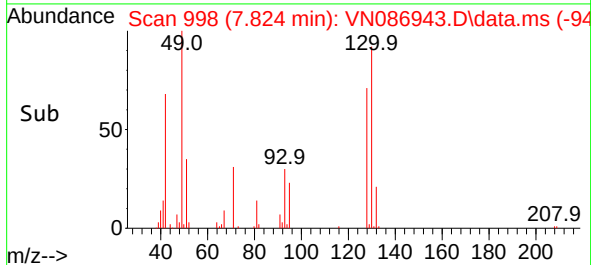
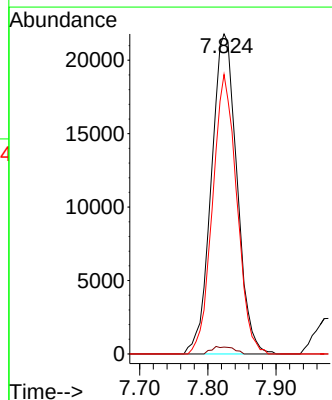
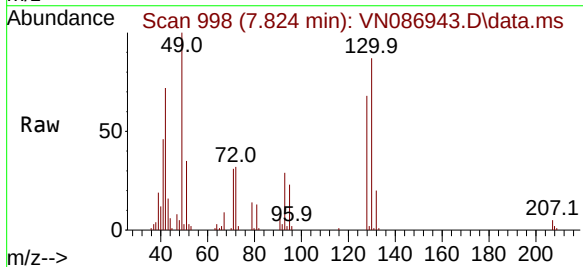
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 137.7 | 0.0   | 278.0 |
| 98  | 64.0  | 0.0   | 128.2 |

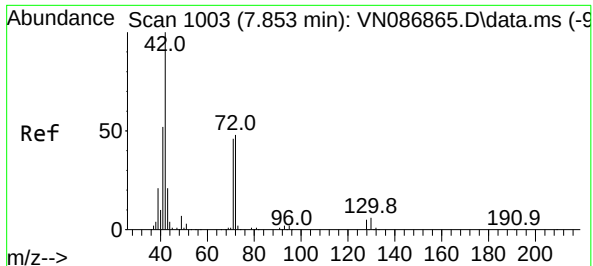


#28  
 Bromochloromethane  
 Concen: 26.558 ug/l  
 RT: 7.824 min Scan# 998  
 Delta R.T. -0.000 min  
 Lab File: VN086943.D  
 Acq: 11 Jun 2025 12:50

Tgt Ion: 49 Resp: 57102  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.0   | 0.0   | 3.8   |
| 130 | 82.3  | 62.2  | 93.2  |

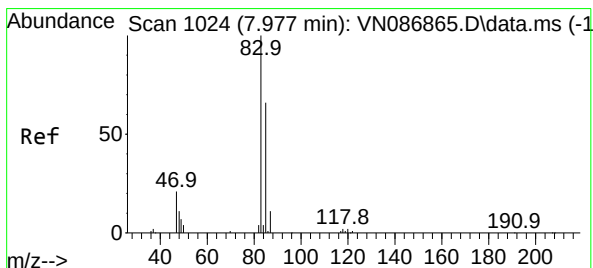
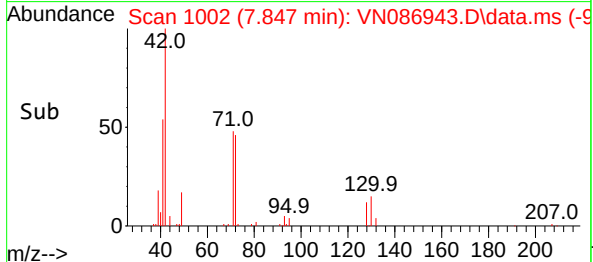
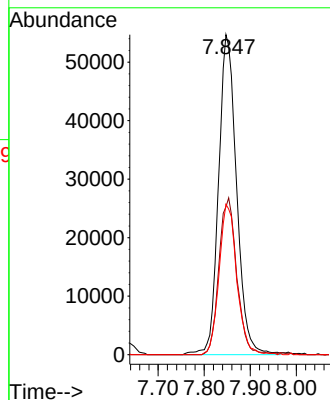
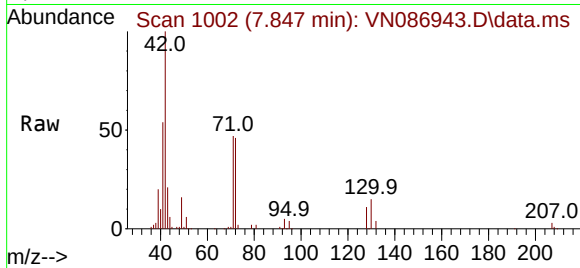




#29  
Tetrahydrofuran  
Concen: 101.064 ug/l  
RT: 7.847 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

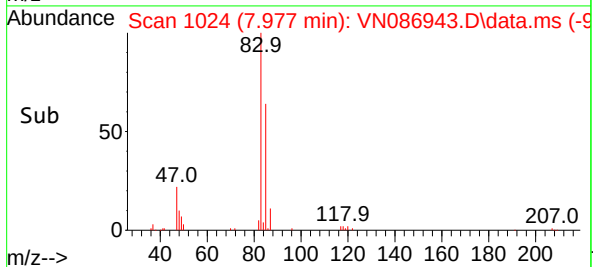
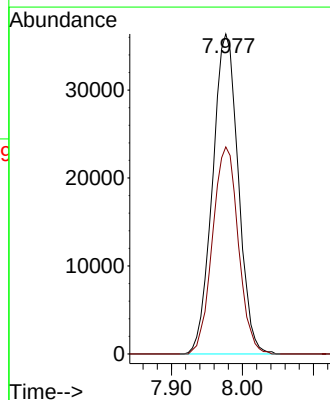
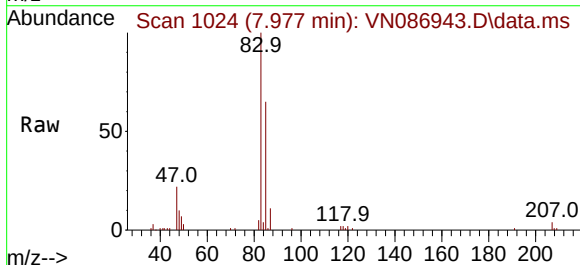
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

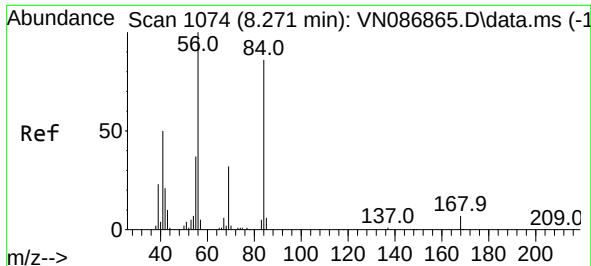
Tgt Ion: 42 Resp: 148387  
Ion Ratio Lower Upper  
42 100  
72 48.5 37.8 56.6  
71 46.3 35.6 53.4



#30  
Chloroform  
Concen: 20.943 ug/l  
RT: 7.977 min Scan# 1024  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 83 Resp: 91459  
Ion Ratio Lower Upper  
83 100  
85 64.7 52.9 79.3

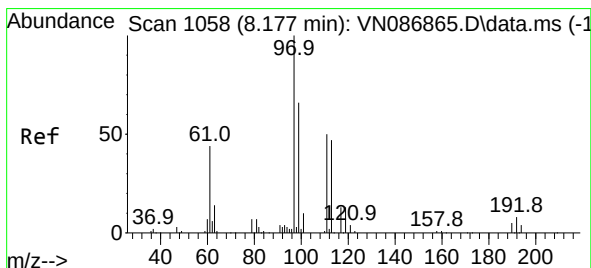
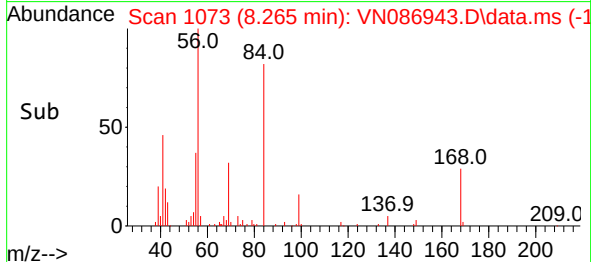
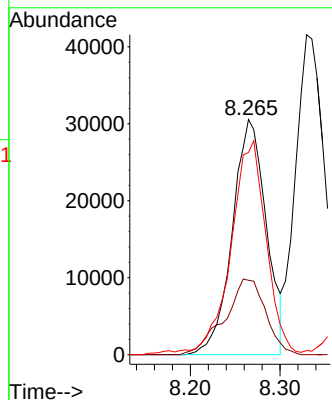
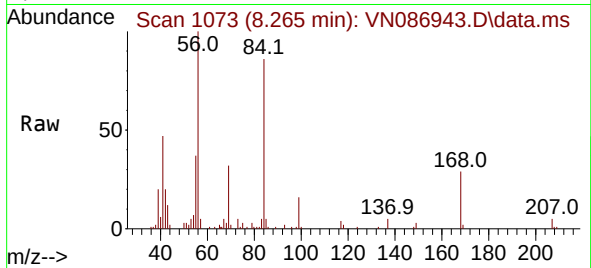




#31  
Cyclohexane  
Concen: 18.999 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. -0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

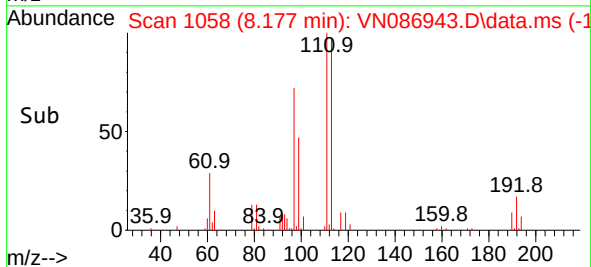
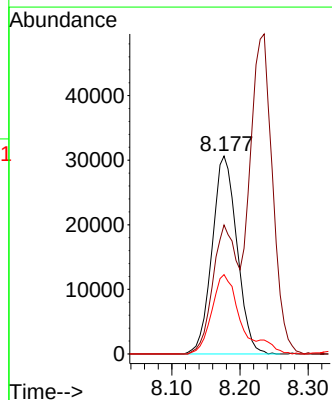
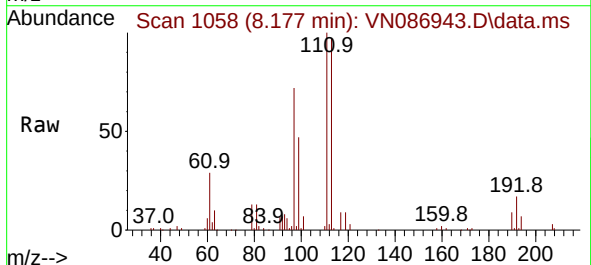
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

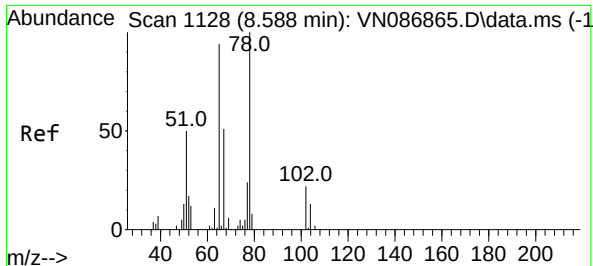
| Tgt Ion:  | 56    | Resp: | 80573 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 31.7  | 25.4  | 38.0  |
| 84        | 84.3  | 68.8  | 103.2 |



#32  
1,1,1-Trichloroethane  
Concen: 20.916 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

| Tgt Ion:  | 97    | Resp: | 77687 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 63.2  | 52.0  | 78.0  |
| 61        | 46.9  | 35.9  | 53.9  |





#33

1,2-Dichloroethane-d4

Concen: 45.782 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Instrument :

MSVOA\_N

ClientSampleId :

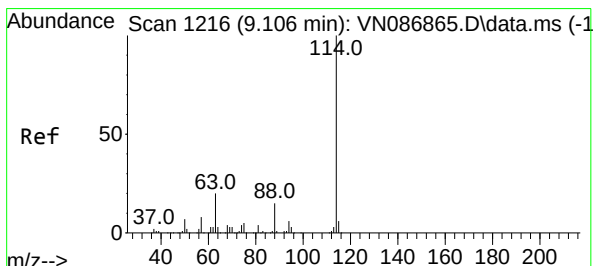
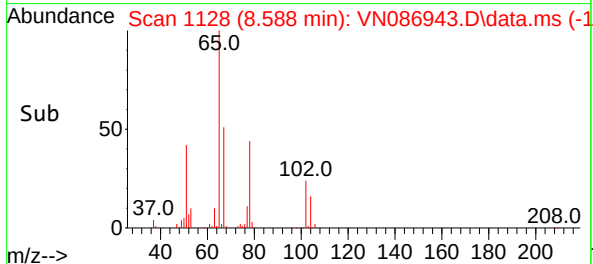
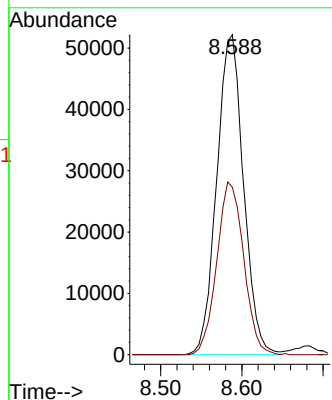
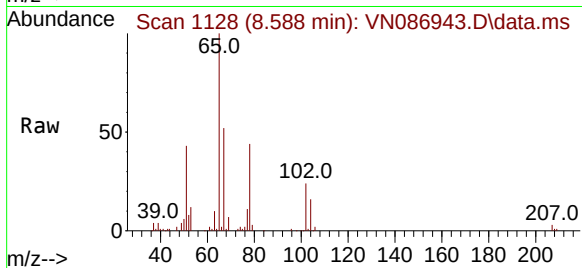
VN0611WBS01

Tgt Ion: 65 Resp: 119707

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

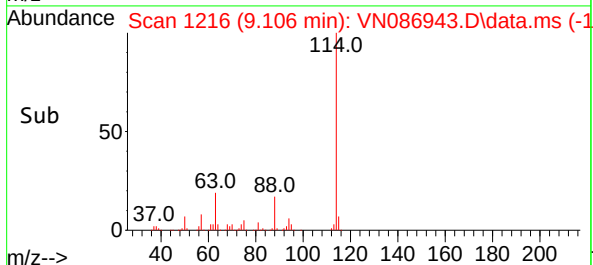
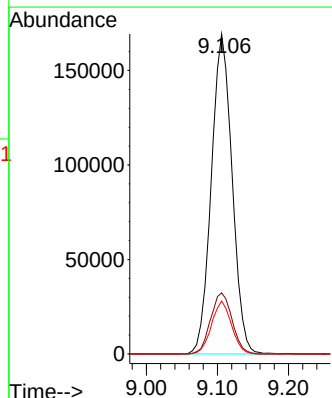
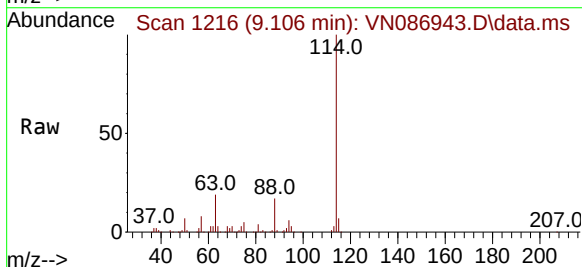
Tgt Ion: 114 Resp: 343742

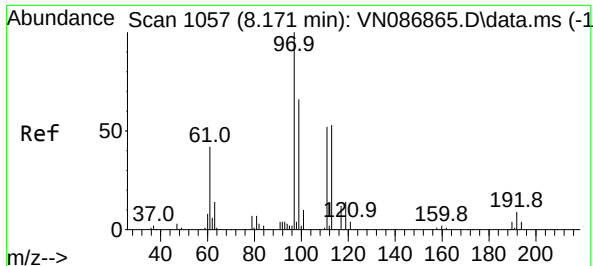
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 16.6 0.0 30.2

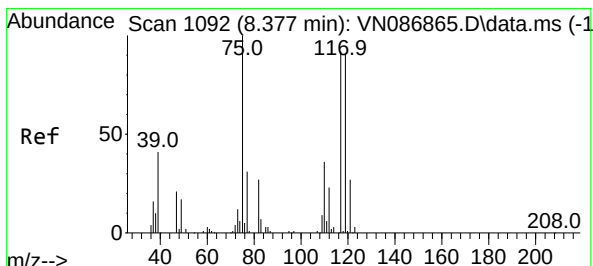
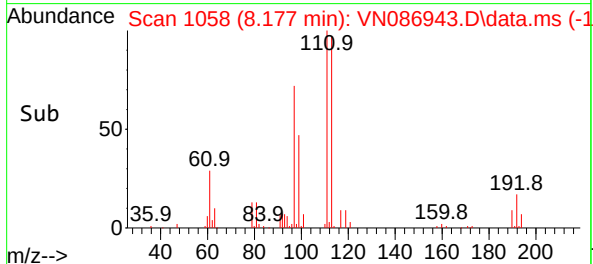
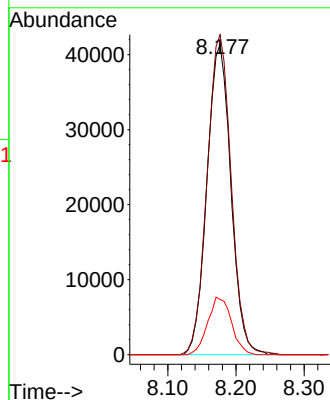
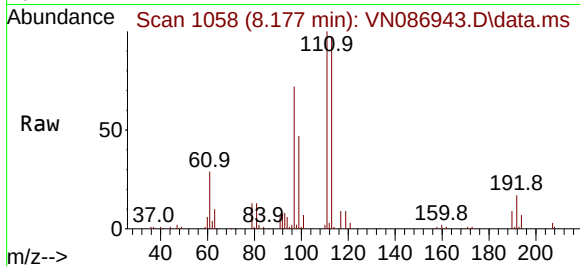




#35  
Dibromofluoromethane  
Concen: 49.606 ug/l  
RT: 8.177 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

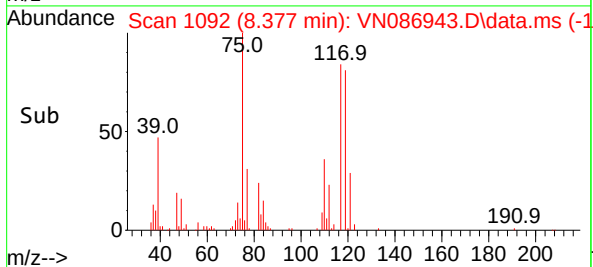
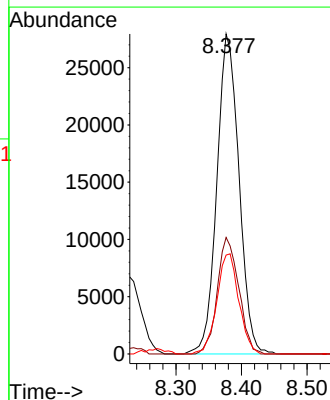
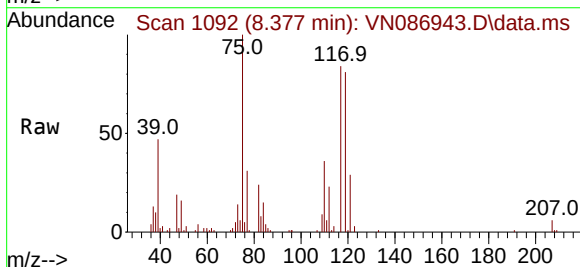
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

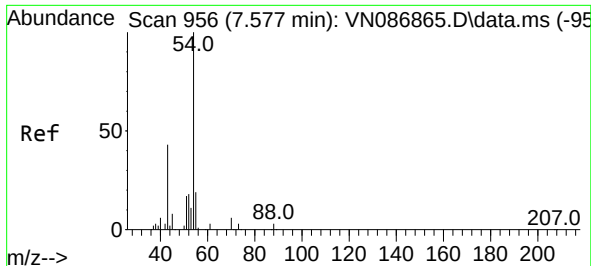
Tgt Ion:113 Resp: 101053  
Ion Ratio Lower Upper  
113 100  
111 103.9 84.2 126.2  
192 18.4 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 21.548 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 75 Resp: 65407  
Ion Ratio Lower Upper  
75 100  
110 35.4 17.6 52.9  
77 31.1 25.3 37.9

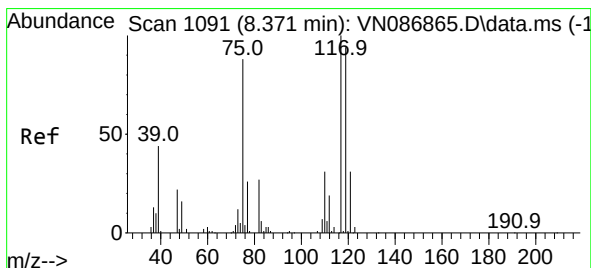
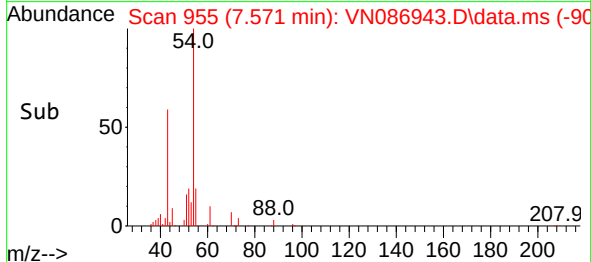
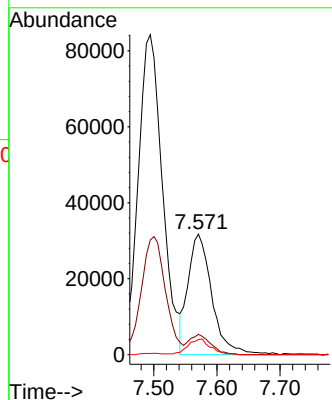
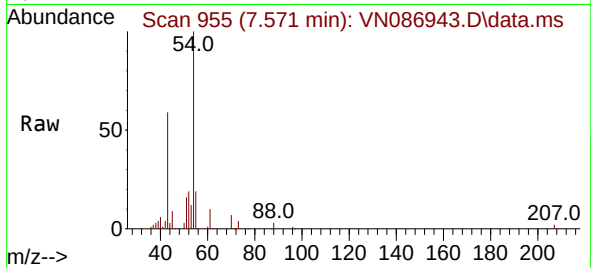




#37  
Ethyl Acetate  
Concen: 21.567 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

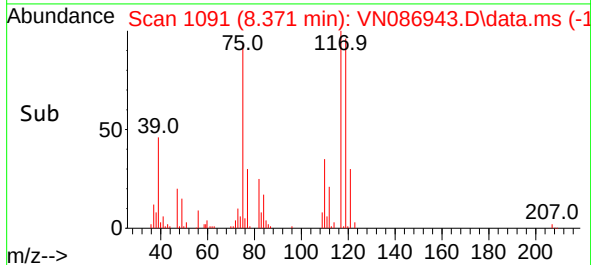
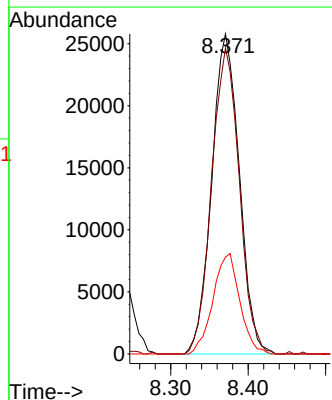
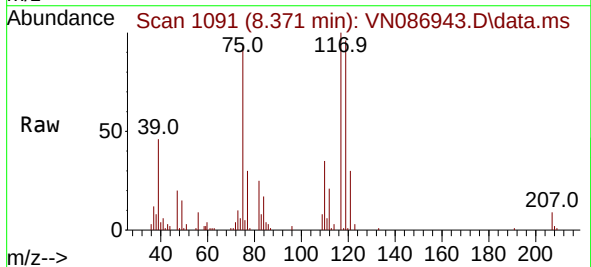
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

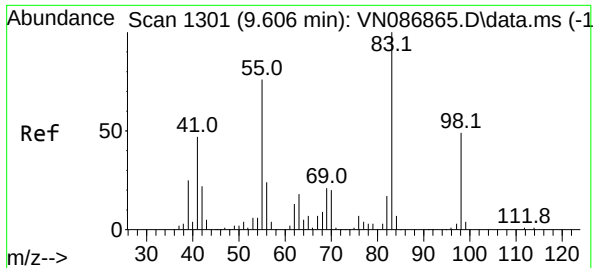
Tgt Ion: 43 Resp: 83339  
Ion Ratio Lower Upper  
43 100  
61 15.2 12.1 18.1  
70 12.4 9.8 14.6



#38  
Carbon Tetrachloride  
Concen: 21.392 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 117 Resp: 63750  
Ion Ratio Lower Upper  
117 100  
119 95.7 75.0 112.6  
121 30.2 24.9 37.3





#39

Methylcyclohexane

Concen: 18.615 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Instrument :

MSVOA\_N

ClientSampleId :

VN0611WBS01

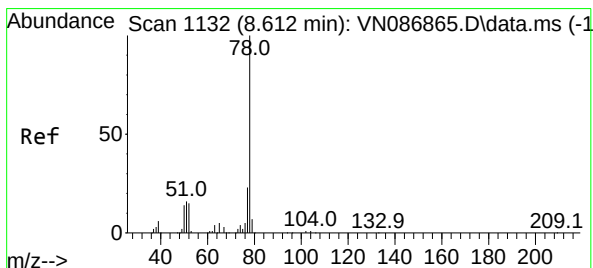
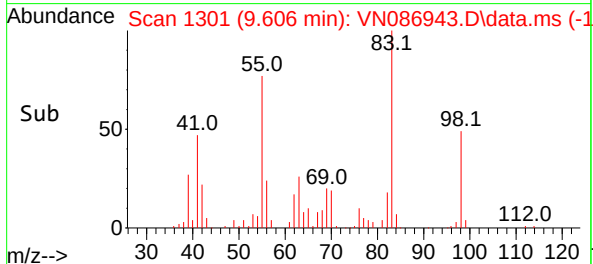
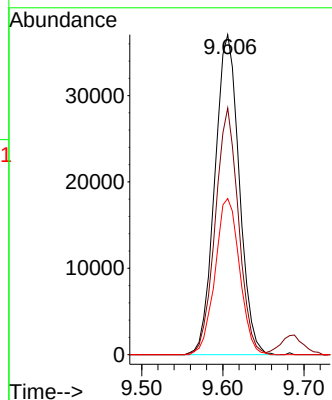
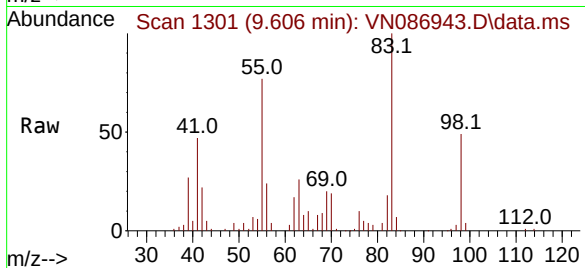
Tgt Ion: 83 Resp: 77414

Ion Ratio Lower Upper

83 100

55 77.1 61.0 91.6

98 48.8 38.9 58.3



#40

Benzene

Concen: 21.428 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN086943.D

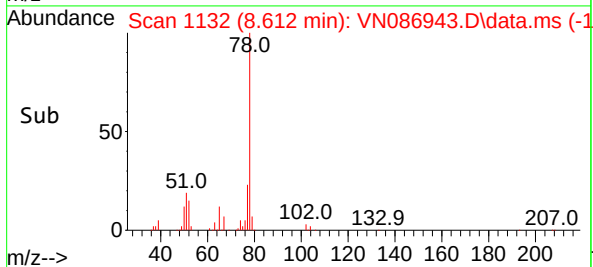
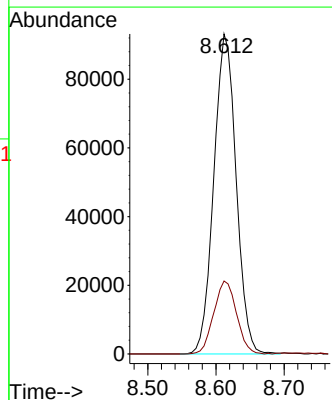
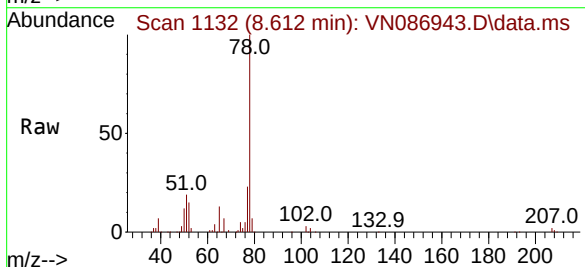
Acq: 11 Jun 2025 12:50

Tgt Ion: 78 Resp: 212700

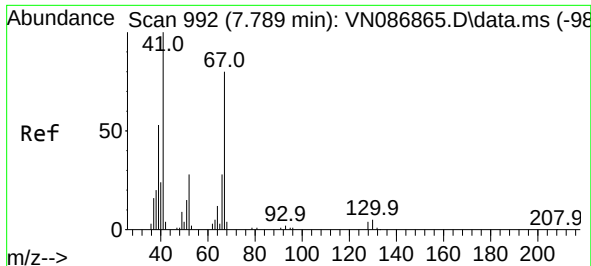
Ion Ratio Lower Upper

78 100

77 22.8 18.7 28.1



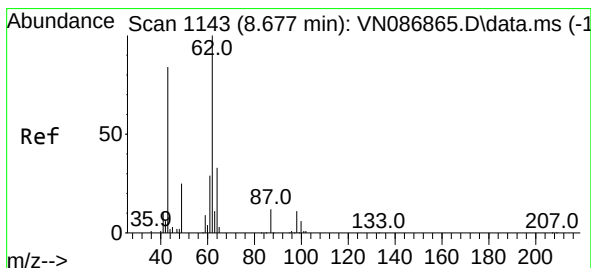
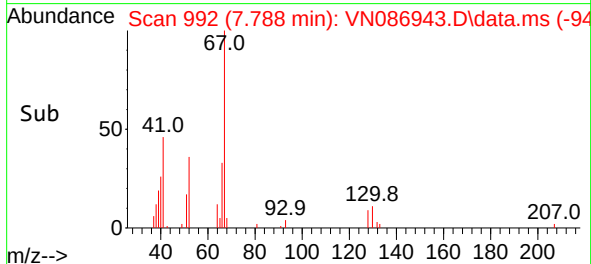
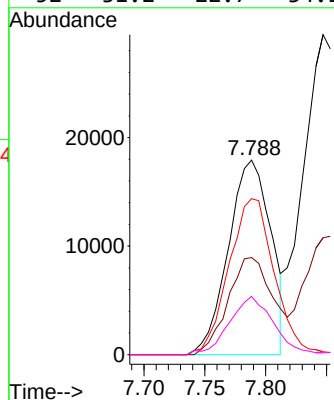
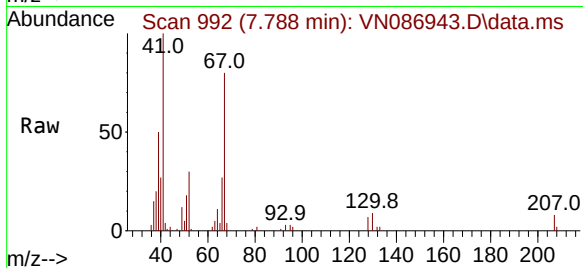




#41  
Methacrylonitrile  
Concen: 20.063 ug/l  
RT: 7.788 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

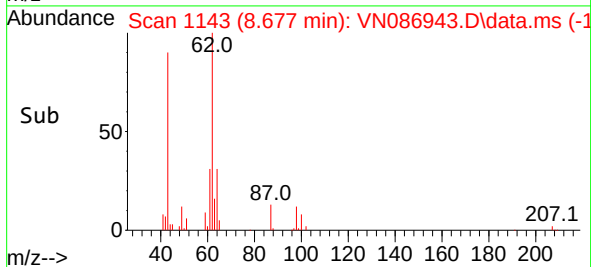
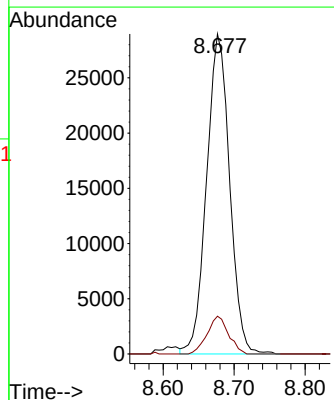
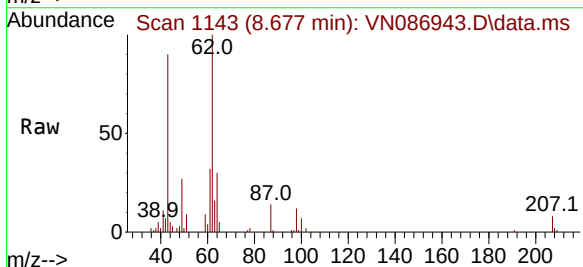
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

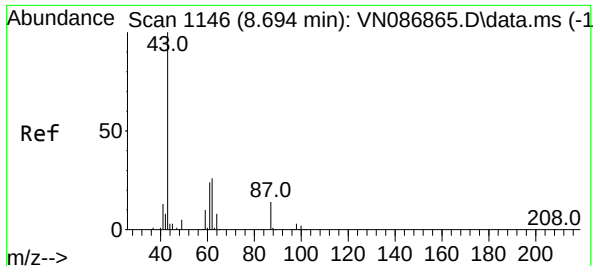
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 43540 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.4  | 41.2  | 61.8  |
| 67       | 85.6  | 61.4  | 92.2  |
| 52       | 31.2  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 21.704 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 65343 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.9  | 0.0   | 21.2  |

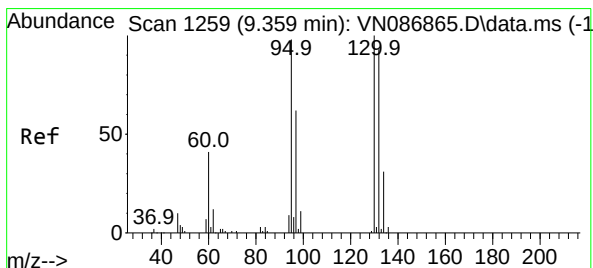
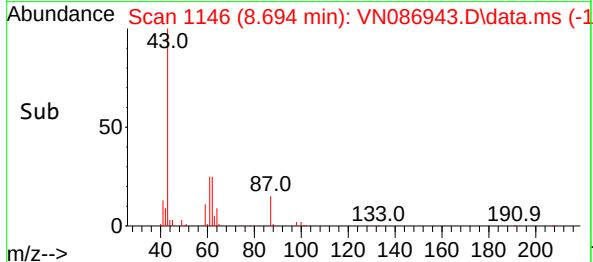
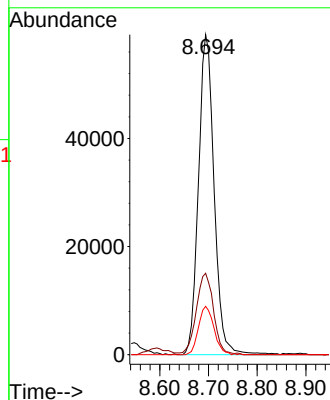
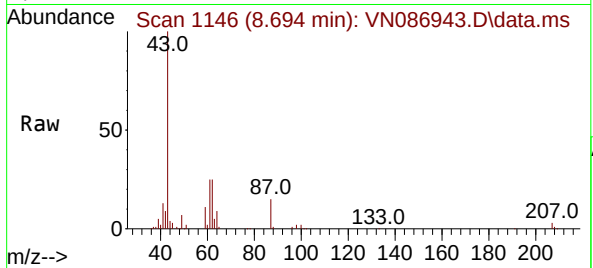




#43  
Isopropyl Acetate  
Concen: 21.314 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

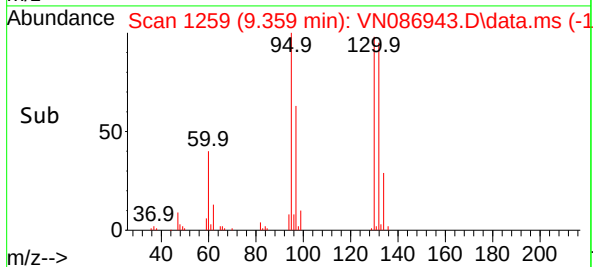
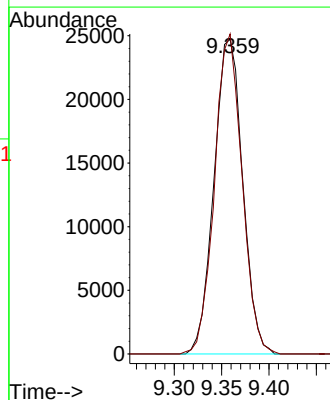
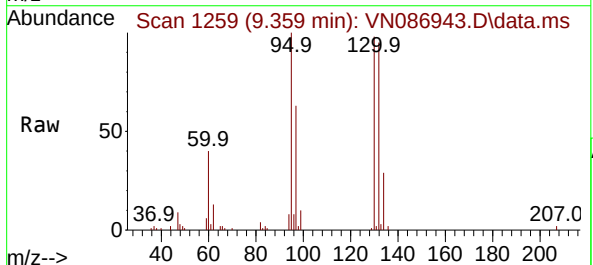
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

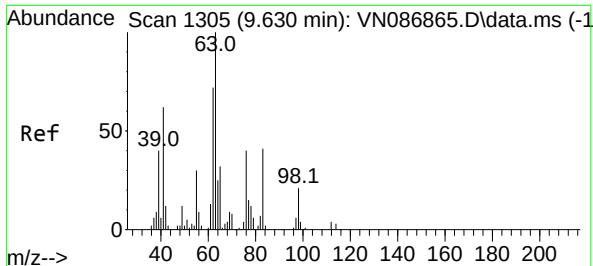
Tgt Ion: 43 Resp: 132187  
Ion Ratio Lower Upper  
43 100  
61 28.1 22.1 33.1  
87 15.0 11.8 17.6



#44  
Trichloroethene  
Concen: 22.146 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 130 Resp: 52125  
Ion Ratio Lower Upper  
130 100  
95 101.7 0.0 196.2





#45

1,2-Dichloropropane

Concen: 21.992 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Instrument :

MSVOA\_N

ClientSampleId :

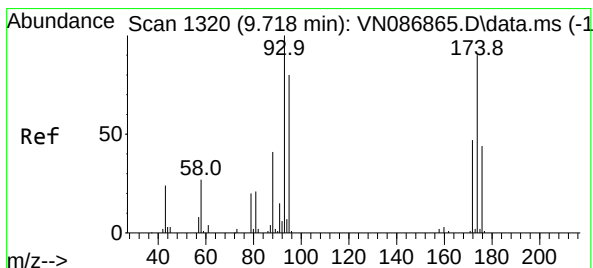
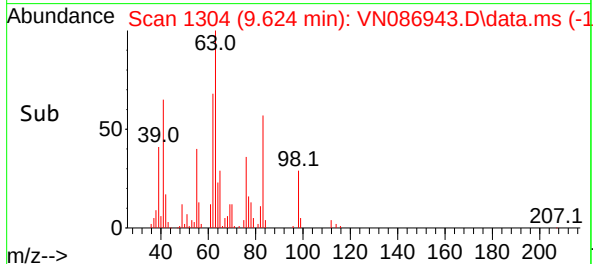
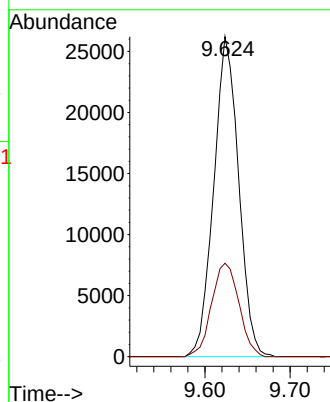
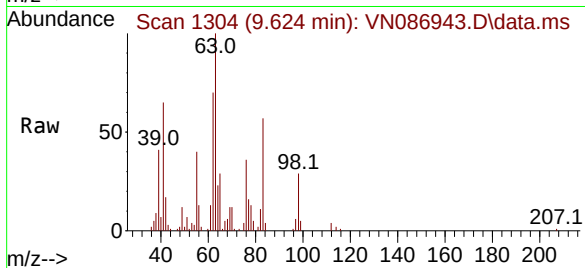
VN0611WBS01

Tgt Ion: 63 Resp: 53109

Ion Ratio Lower Upper

63 100

65 29.2 25.5 38.3



#46

Dibromomethane

Concen: 22.495 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

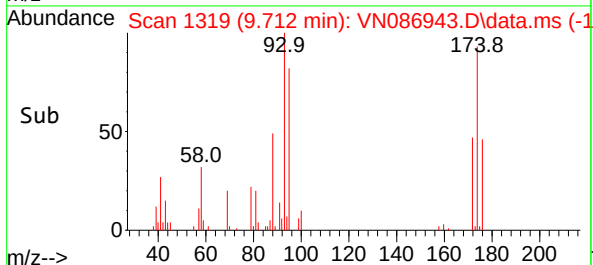
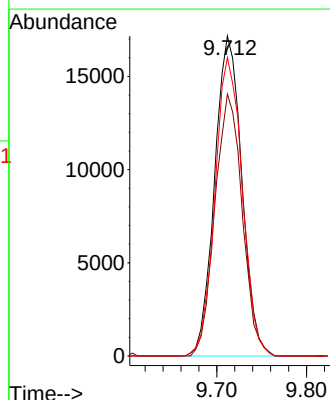
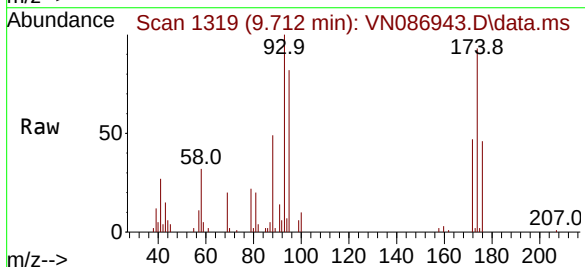
Tgt Ion: 93 Resp: 36082

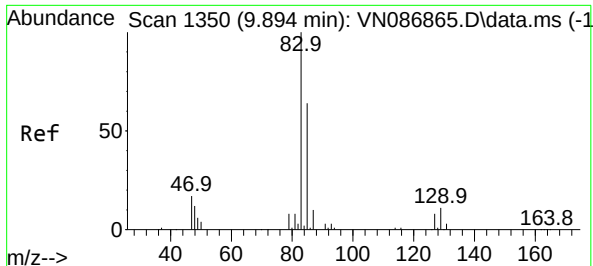
Ion Ratio Lower Upper

93 100

95 82.2 67.1 100.7

174 93.3 74.2 111.4

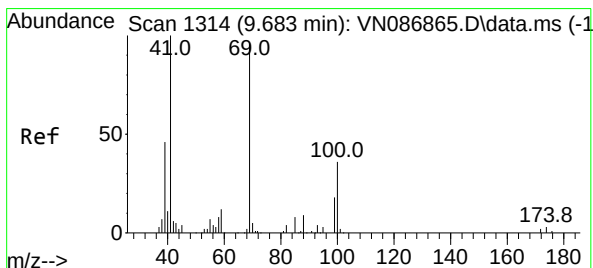
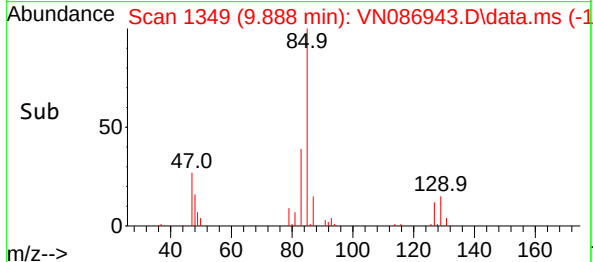
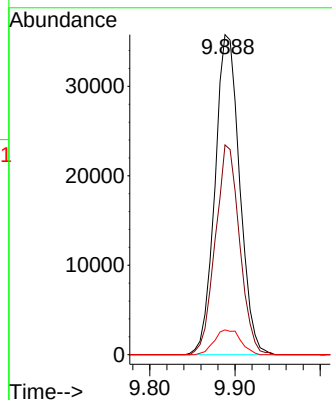
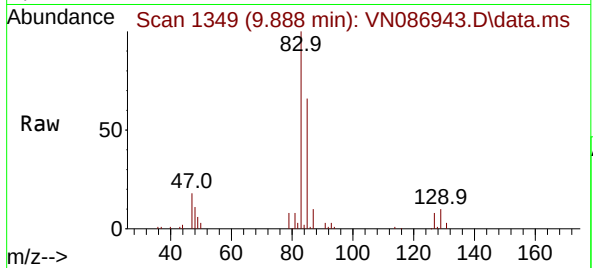




#47  
Bromodichloromethane  
Concen: 21.829 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. -0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

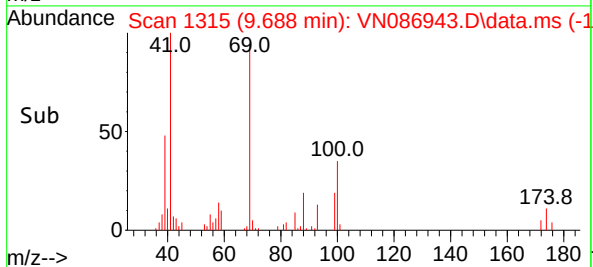
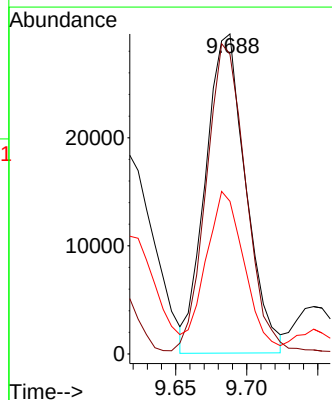
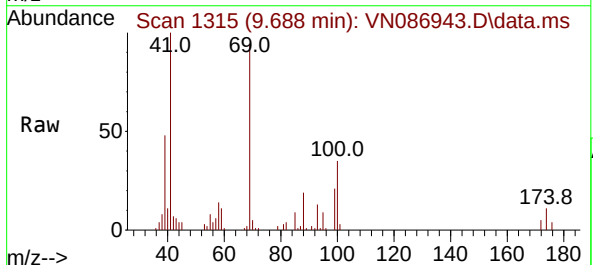
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

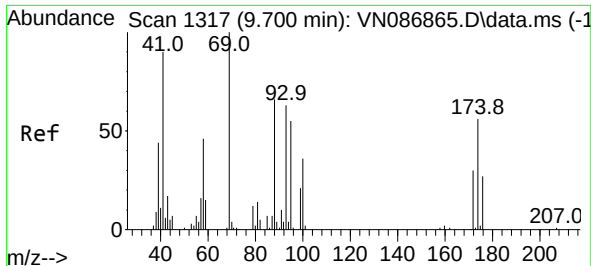
Tgt Ion: 83 Resp: 72041  
Ion Ratio Lower Upper  
83 100  
85 65.5 50.9 76.3  
127 7.8 6.6 10.0



#48  
Methyl methacrylate  
Concen: 20.418 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 41 Resp: 58285  
Ion Ratio Lower Upper  
41 100  
69 96.8 74.6 112.0  
39 49.8 40.2 60.4





#49

1,4-Dioxane

Concen: 463.039 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Instrument :

MSVOA\_N

ClientSampleId :

VN0611WBS01

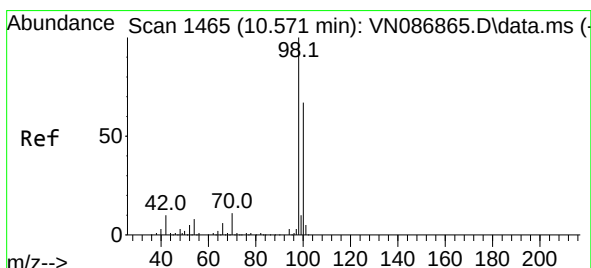
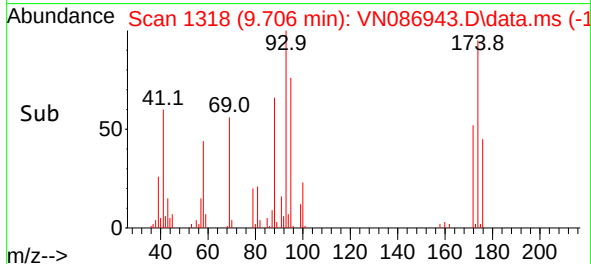
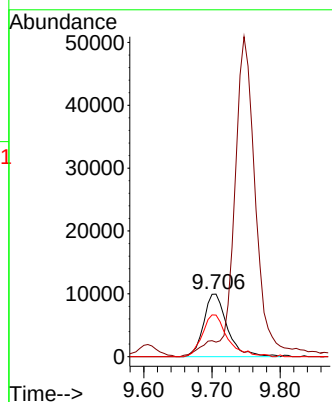
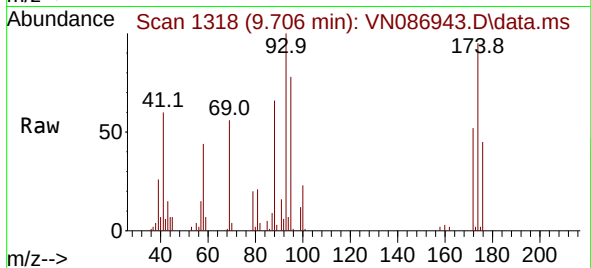
Tgt Ion: 88 Resp: 24046

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 71.0 57.7 86.5



#50

Toluene-d8

Concen: 48.203 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086943.D

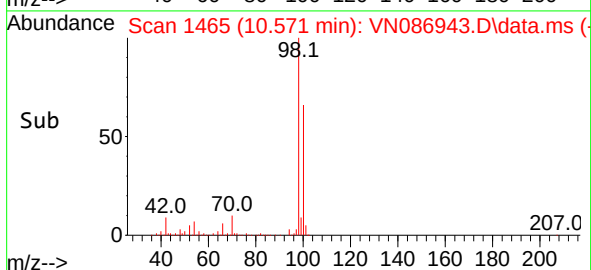
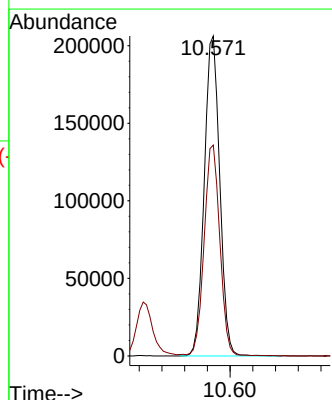
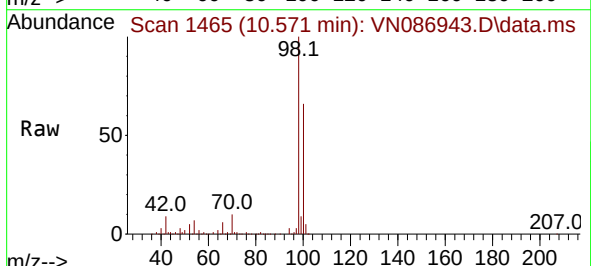
Acq: 11 Jun 2025 12:50

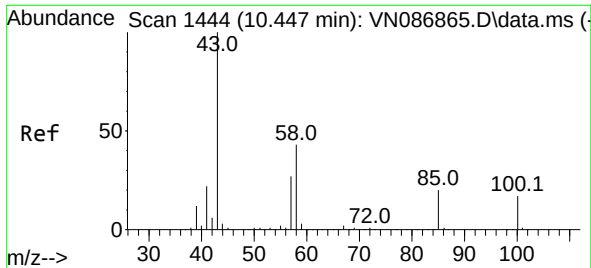
Tgt Ion: 98 Resp: 388724

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.0

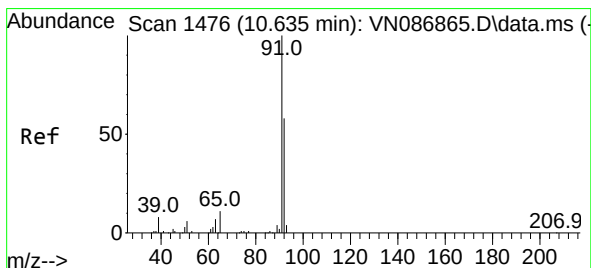
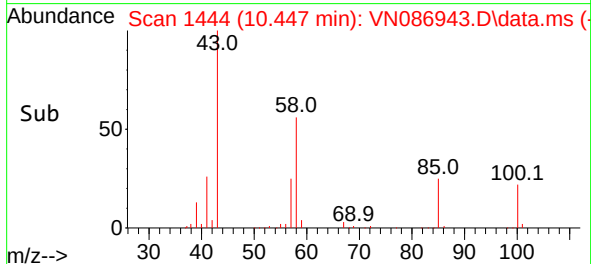
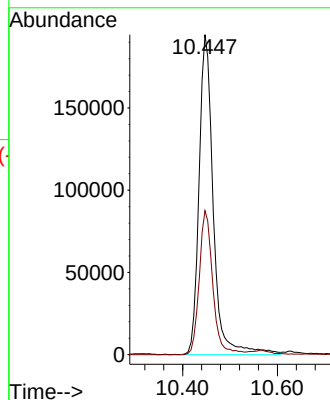
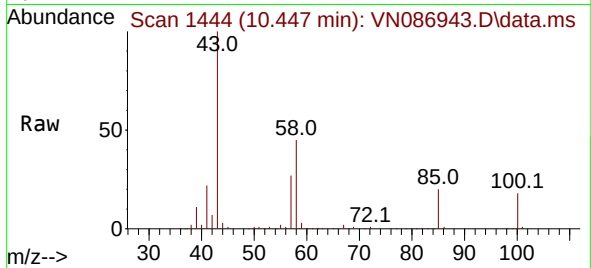




#51  
4-Methyl-2-Pentanone  
Concen: 108.699 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

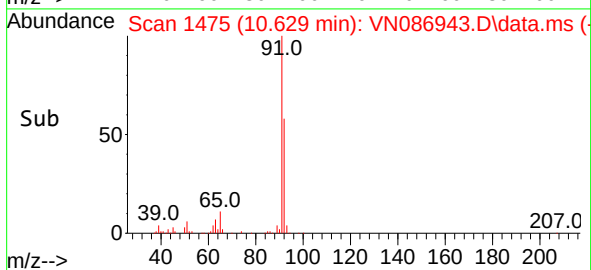
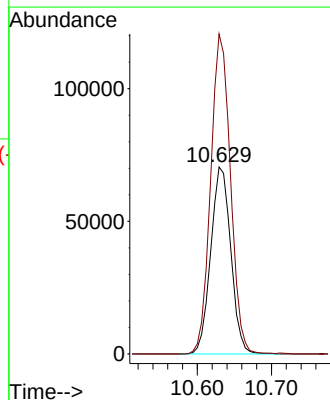
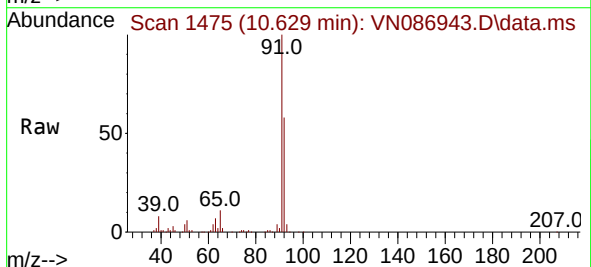
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

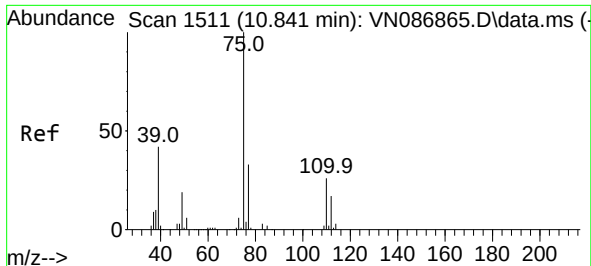
Tgt Ion: 43 Resp: 405846  
Ion Ratio Lower Upper  
43 100  
58 42.7 34.2 51.4



#52  
Toluene  
Concen: 21.833 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 92 Resp: 132442  
Ion Ratio Lower Upper  
92 100  
91 169.0 136.5 204.7

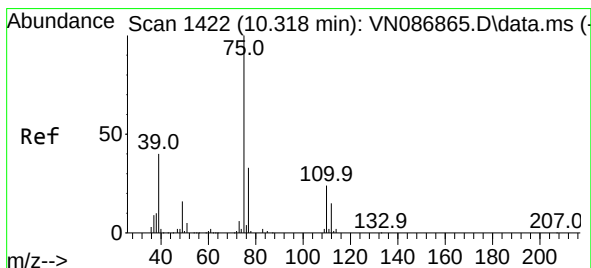
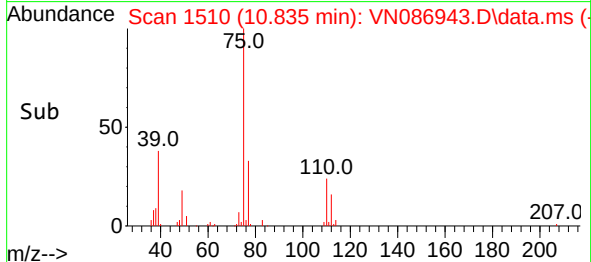
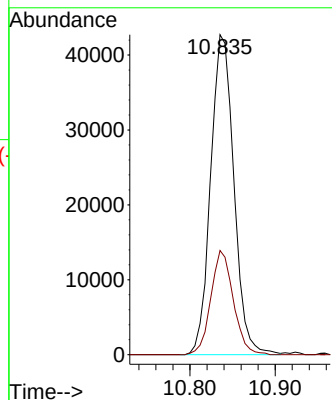
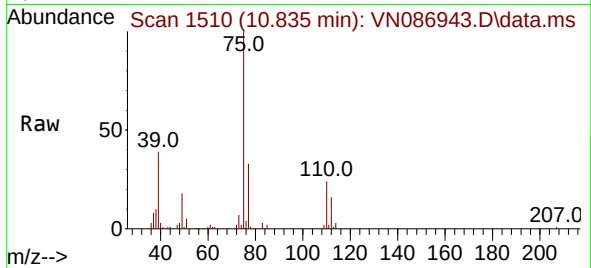




#53  
t-1,3-Dichloropropene  
Concen: 21.985 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

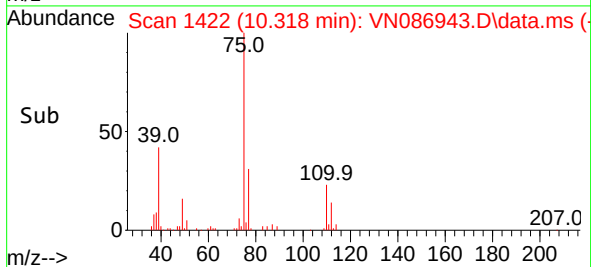
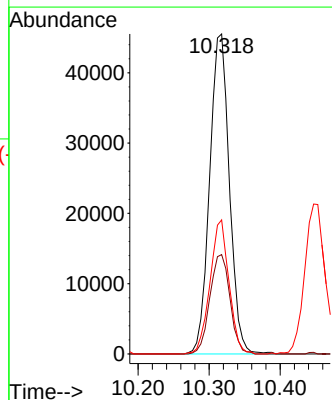
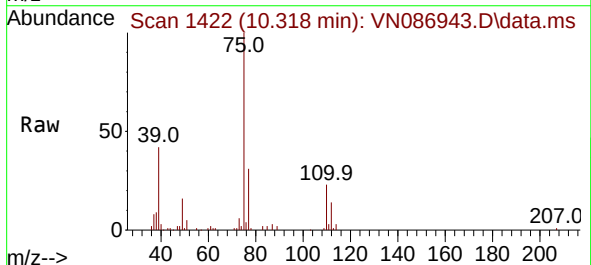
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

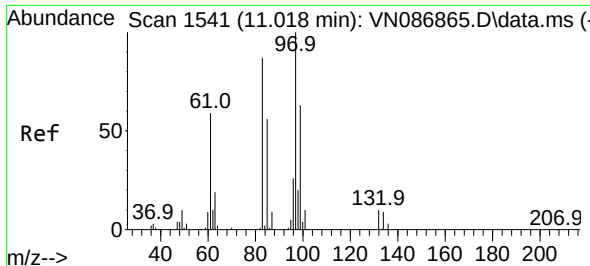
Tgt Ion: 75 Resp: 81129  
Ion Ratio Lower Upper  
75 100  
77 32.5 26.4 39.6



#54  
cis-1,3-Dichloropropene  
Concen: 22.272 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 75 Resp: 87941  
Ion Ratio Lower Upper  
75 100  
77 31.1 26.2 39.4  
39 41.9 32.3 48.5

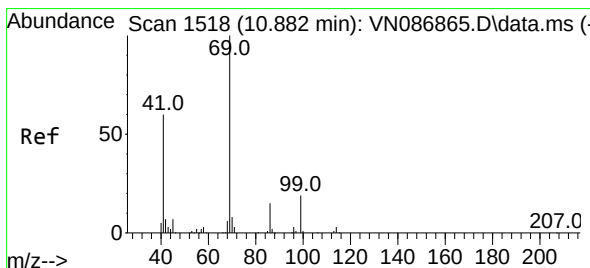
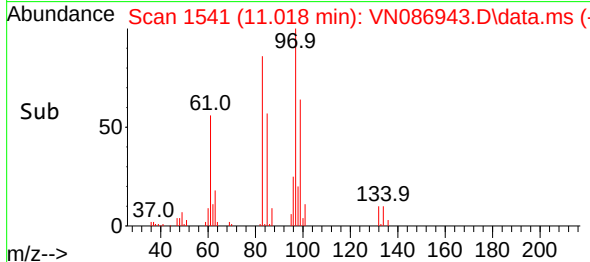
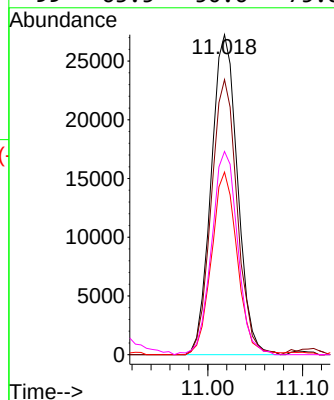
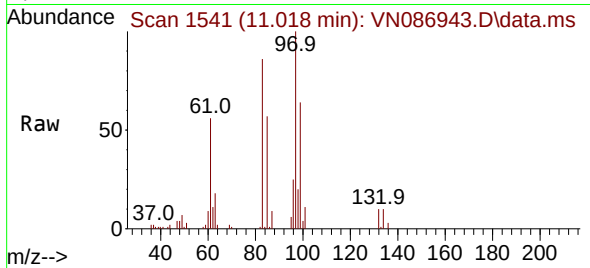




#55  
1,1,2-Trichloroethane  
Concen: 22.519 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

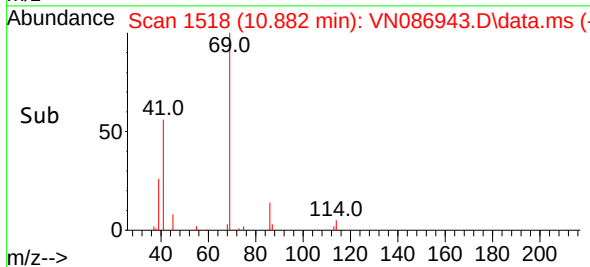
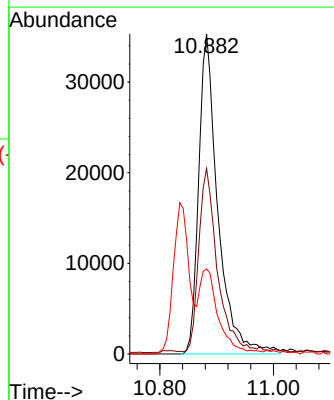
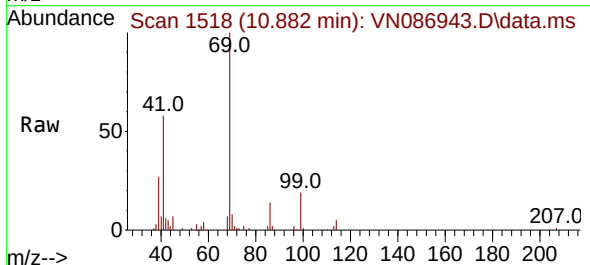
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 52562 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.0  | 69.7  | 104.5 |
| 85       | 57.1  | 45.1  | 67.7  |
| 99       | 63.5  | 50.6  | 75.8  |

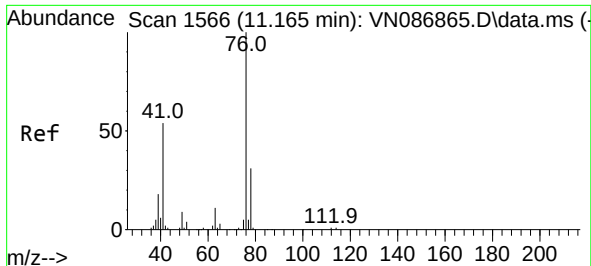


#56  
Ethyl methacrylate  
Concen: 22.355 ug/l  
RT: 10.882 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 83111 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 55.7  | 47.2  | 70.8  |
| 39       | 24.4  | 23.0  | 34.6  |



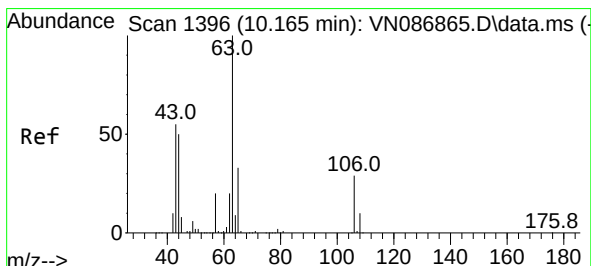
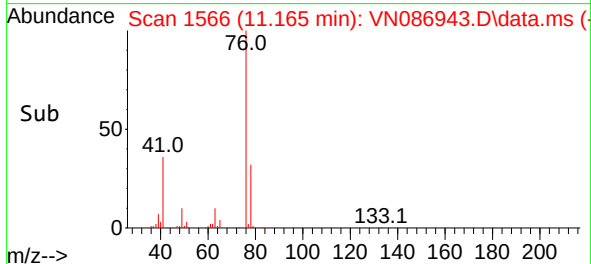
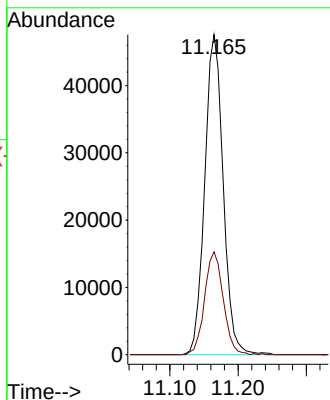
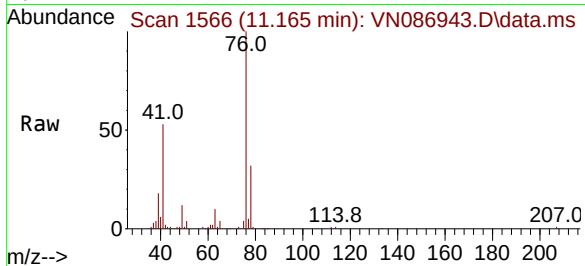




#57  
1,3-Dichloropropane  
Concen: 22.115 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

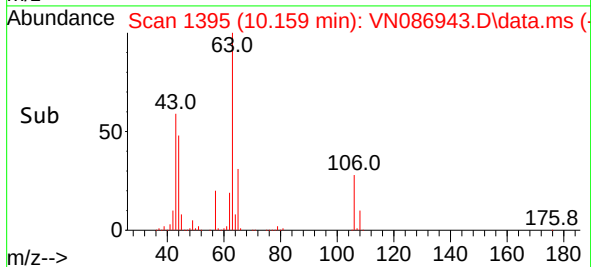
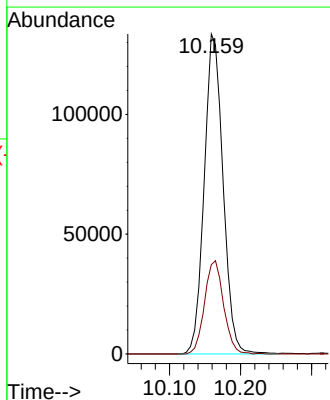
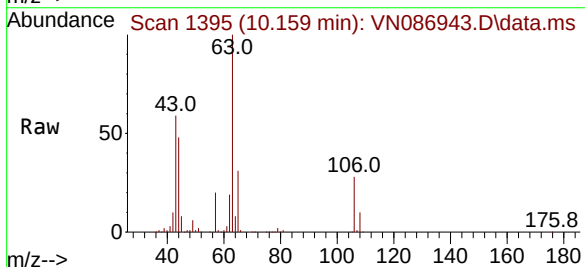
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

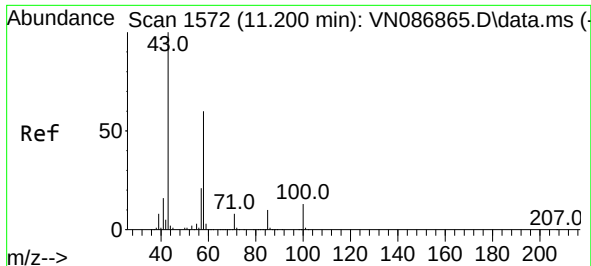
Tgt Ion: 76 Resp: 89545  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.3 37.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 111.094 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 63 Resp: 246343  
Ion Ratio Lower Upper  
63 100  
106 29.4 23.0 34.6

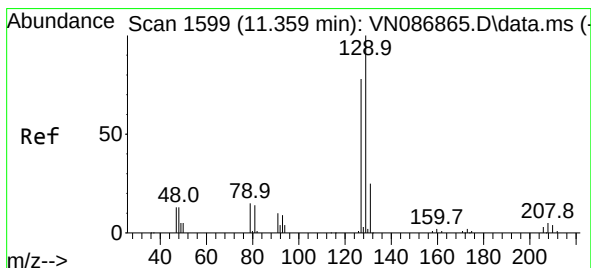
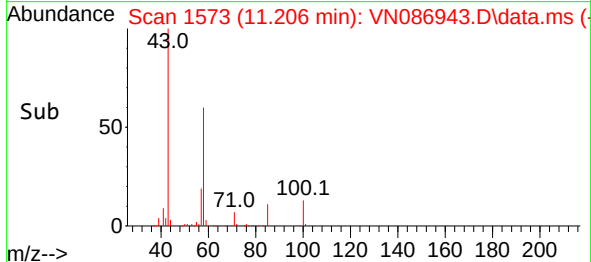
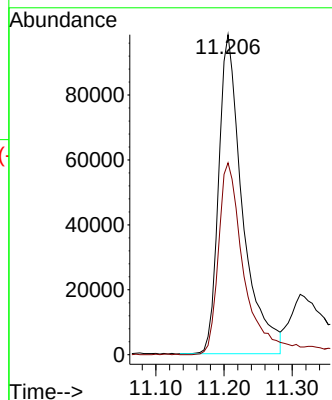
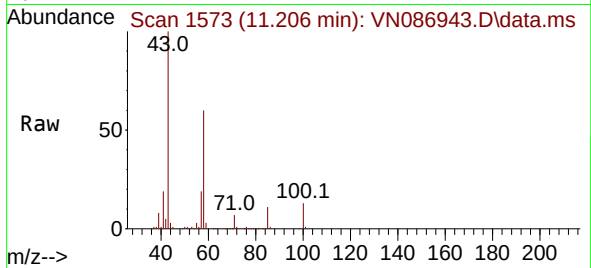




#59  
2-Hexanone  
Concen: 99.791 ug/l  
RT: 11.206 min Scan# 1572  
Delta R.T. 0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

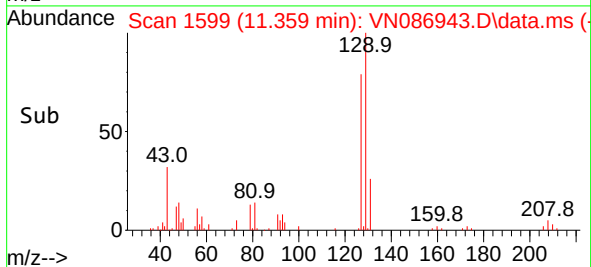
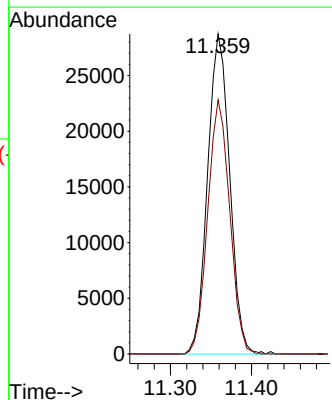
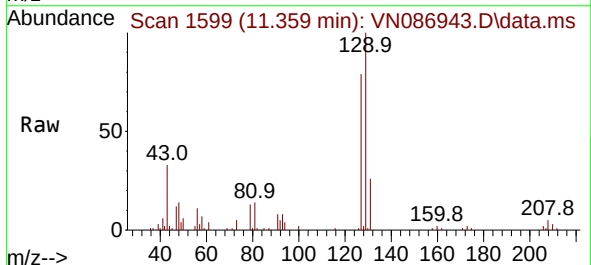
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

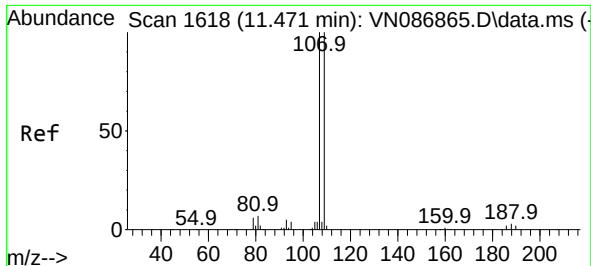
Tgt Ion: 43 Resp: 239996  
Ion Ratio Lower Upper  
43 100  
58 64.8 30.4 91.3



#60  
Dibromochloromethane  
Concen: 22.283 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 129 Resp: 54191  
Ion Ratio Lower Upper  
129 100  
127 79.1 38.6 115.8

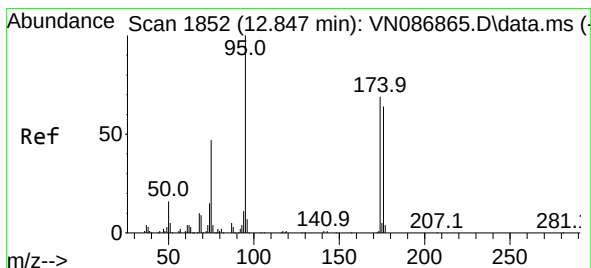
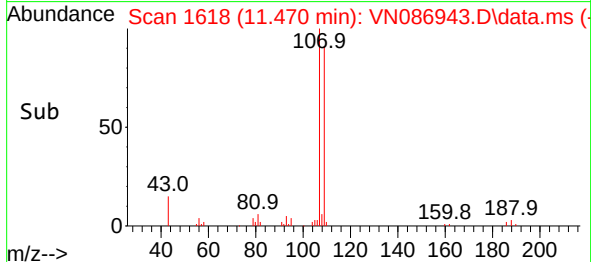
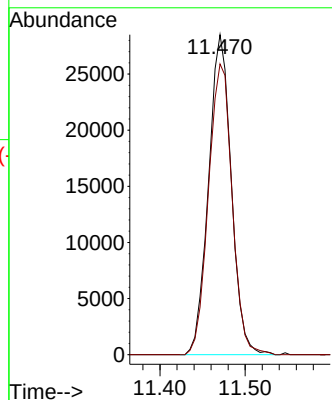
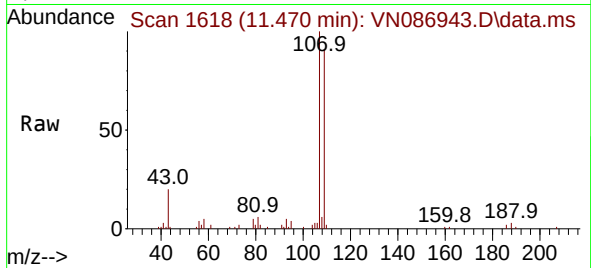




#61  
1,2-Dibromoethane  
Concen: 22.070 ug/l  
RT: 11.470 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

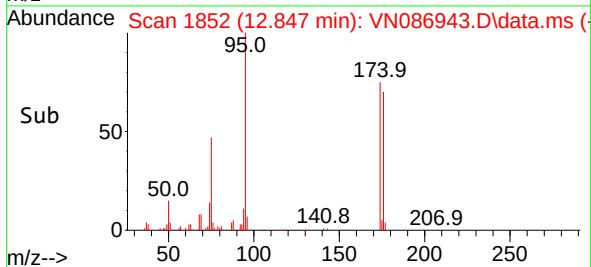
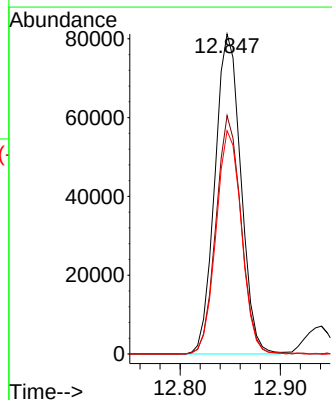
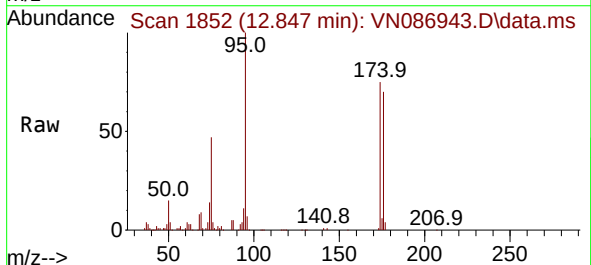
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

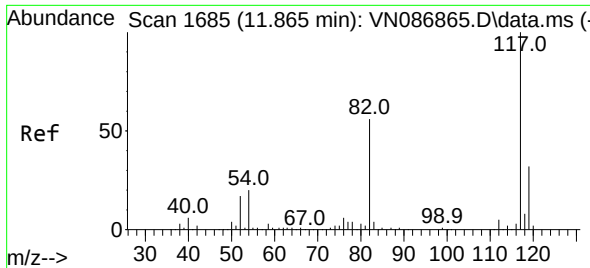
Tgt Ion:107 Resp: 52801  
Ion Ratio Lower Upper  
107 100  
109 94.5 76.3 114.5



#62  
4-Bromofluorobenzene  
Concen: 48.691 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 95 Resp: 145885  
Ion Ratio Lower Upper  
95 100  
174 72.1 0.0 141.8  
176 68.4 0.0 132.6

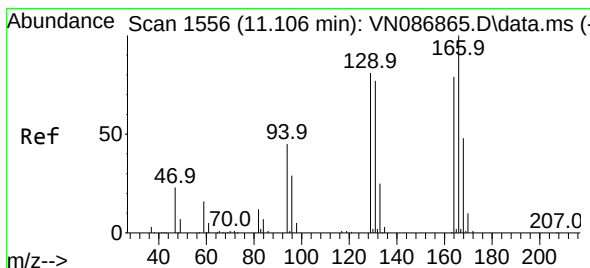
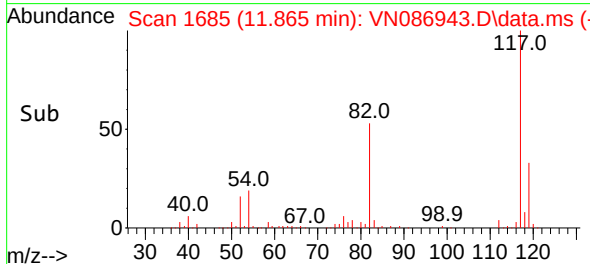
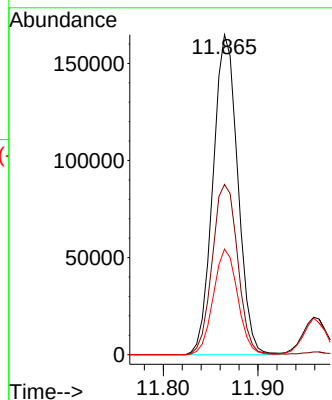
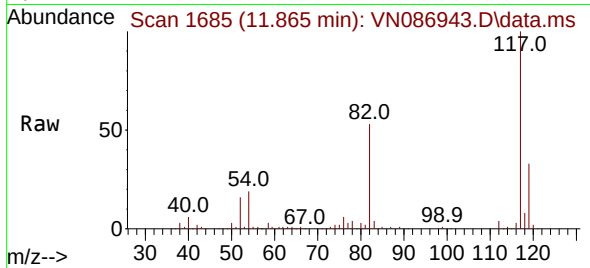




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

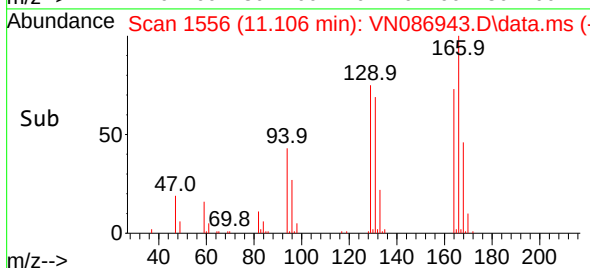
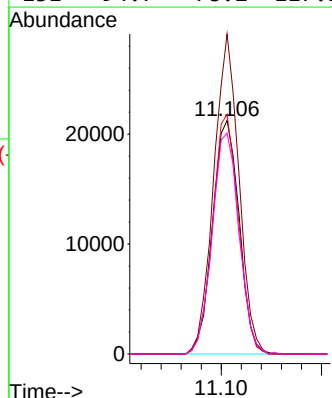
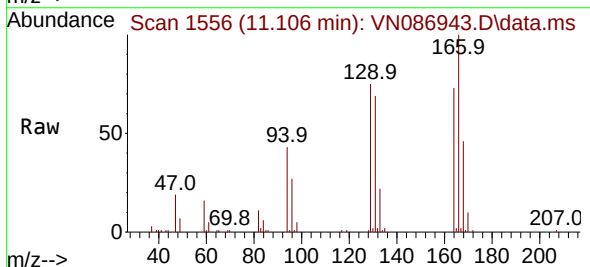
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

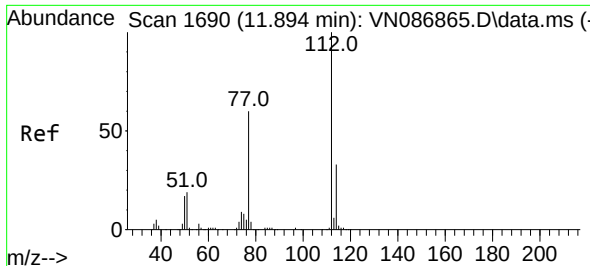
Tgt Ion:117 Resp: 299668  
Ion Ratio Lower Upper  
117 100  
82 53.2 44.6 67.0  
119 33.0 25.5 38.3



#64  
Tetrachloroethene  
Concen: 20.683 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion:164 Resp: 39226  
Ion Ratio Lower Upper  
164 100  
166 137.0 101.8 152.8  
129 102.6 83.0 124.4  
131 94.7 78.2 117.2

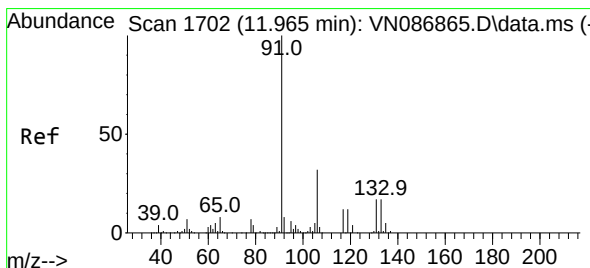
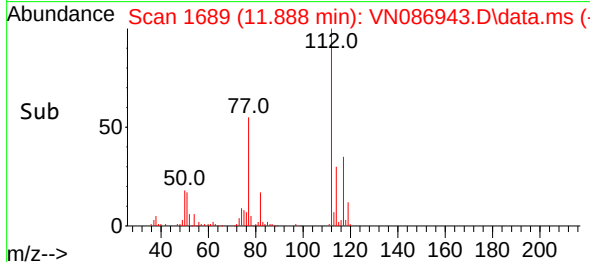
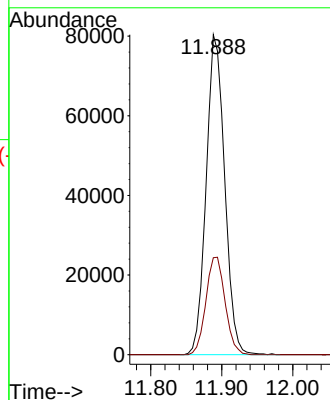
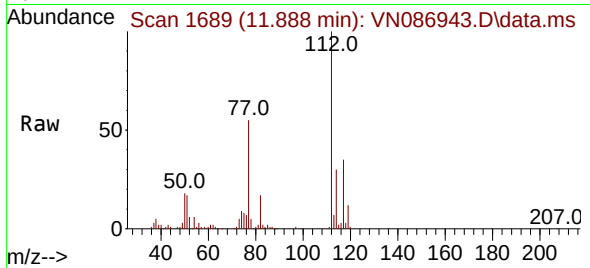




#65  
Chlorobenzene  
Concen: 22.011 ug/l  
RT: 11.888 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

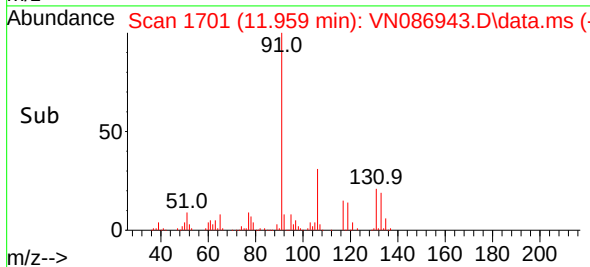
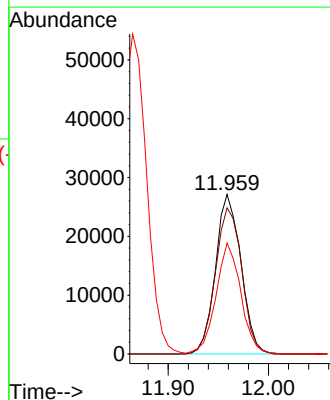
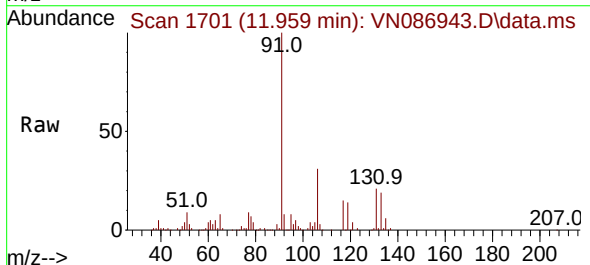
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

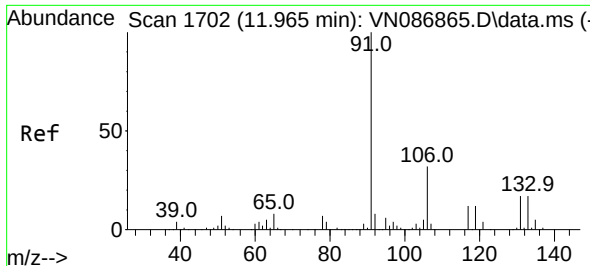
Tgt Ion:112 Resp: 145475  
Ion Ratio Lower Upper  
112 100  
114 30.3 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.474 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion:131 Resp: 47747  
Ion Ratio Lower Upper  
131 100  
133 95.3 48.3 144.8  
119 68.0 34.0 101.8

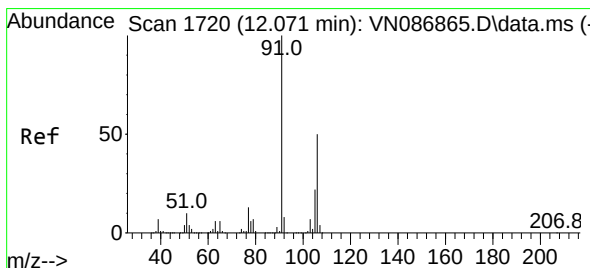
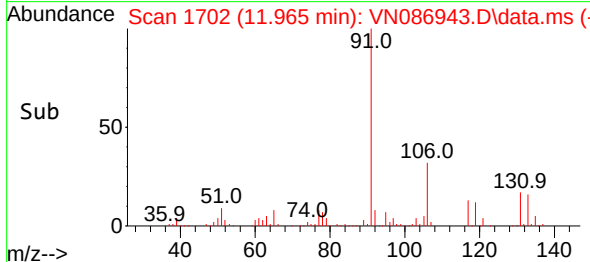
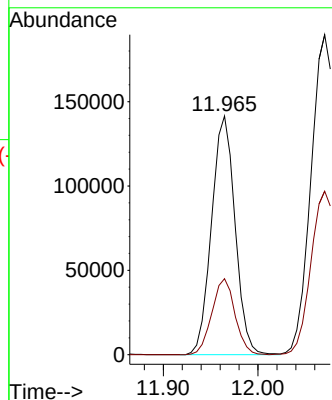
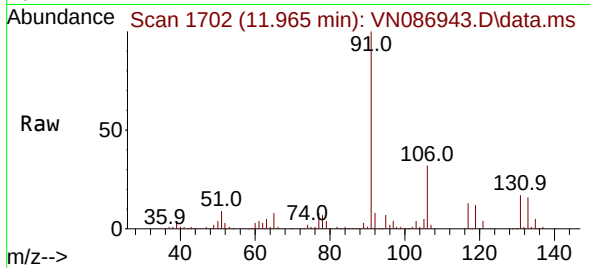




#67  
Ethyl Benzene  
Concen: 21.420 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

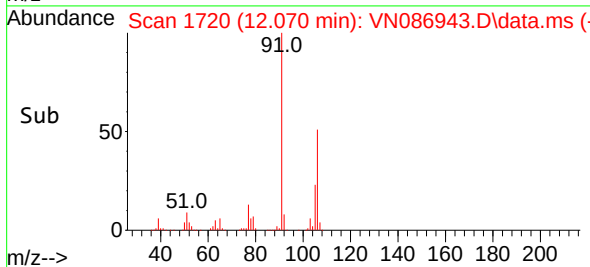
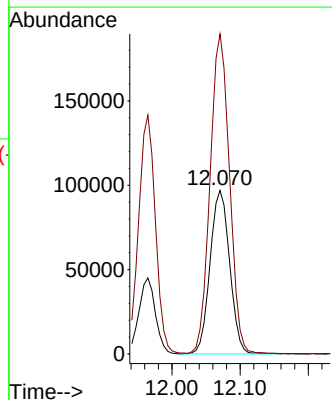
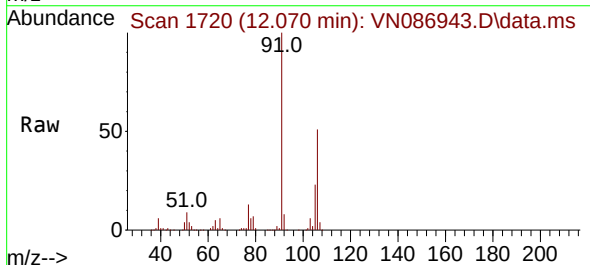
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

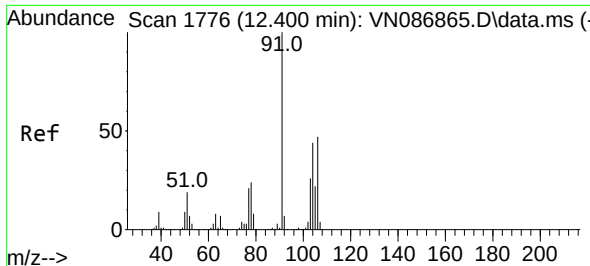
Tgt Ion: 91 Resp: 243851  
Ion Ratio Lower Upper  
91 100  
106 31.8 25.4 38.2



#68  
m/p-Xylenes  
Concen: 44.477 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 106 Resp: 193828  
Ion Ratio Lower Upper  
106 100  
91 194.7 159.4 239.0

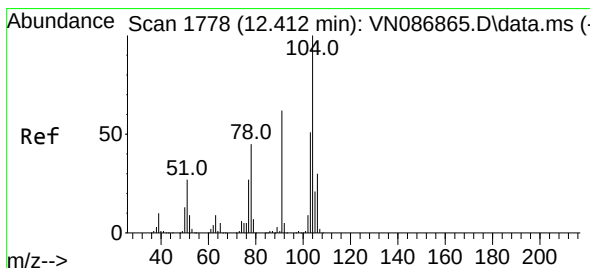
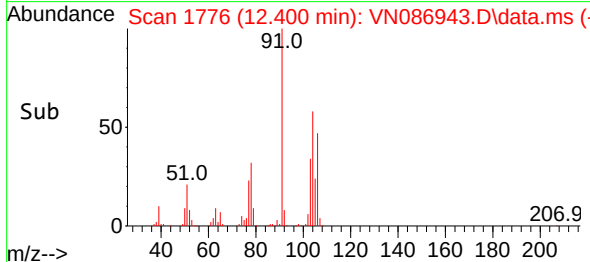
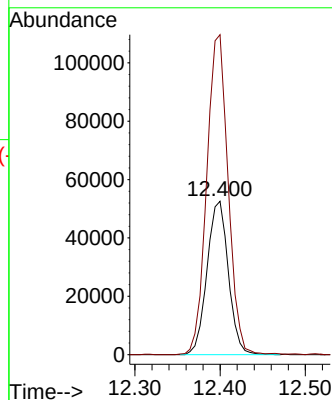
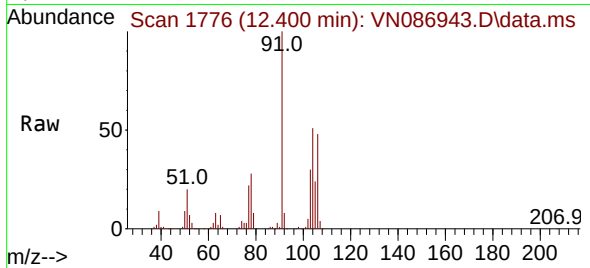




#69  
o-Xylene  
Concen: 21.905 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

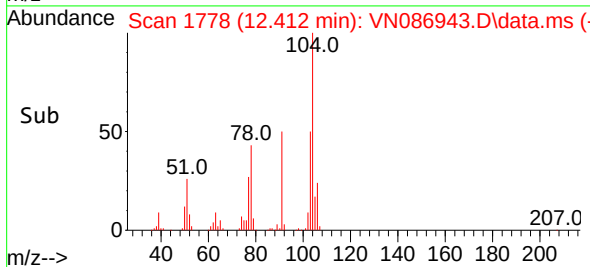
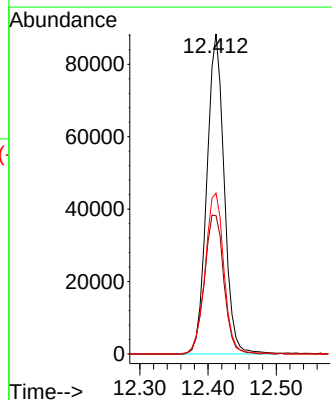
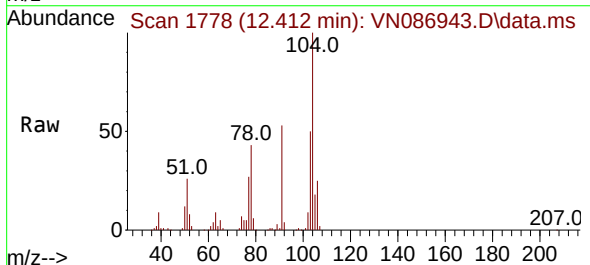
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

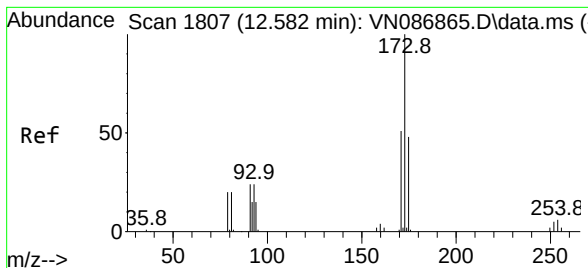
Tgt Ion:106 Resp: 91428  
Ion Ratio Lower Upper  
106 100  
91 209.4 106.1 318.1



#70  
Styrene  
Concen: 21.935 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion:104 Resp: 156664  
Ion Ratio Lower Upper  
104 100  
78 48.6 38.5 57.7  
103 54.5 43.1 64.7





#71

Bromoform

Concen: 23.739 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Instrument :

MSVOA\_N

ClientSampleId :

VN0611WBS01

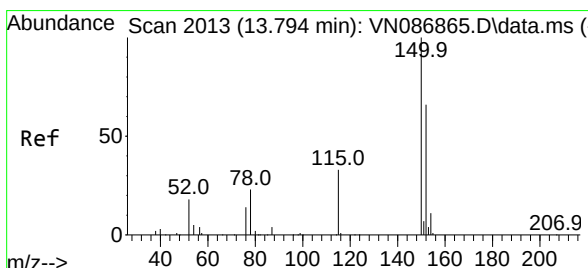
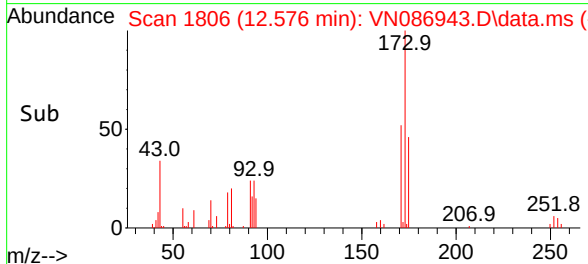
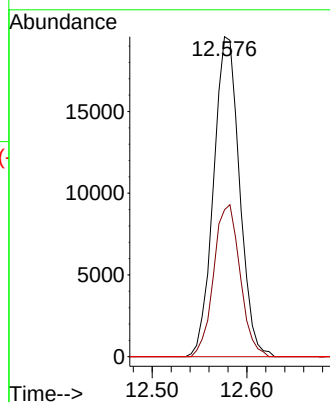
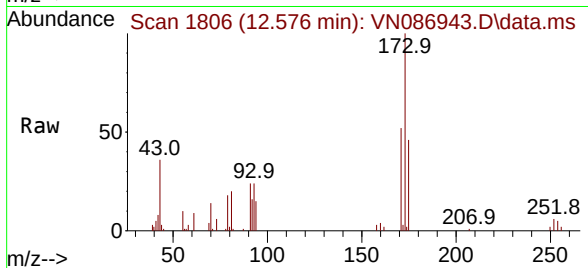
Tgt Ion:173 Resp: 37369

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

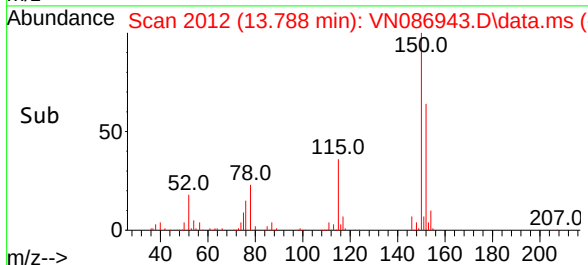
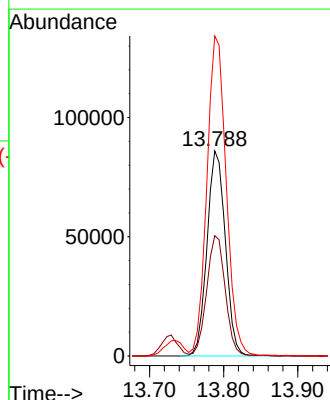
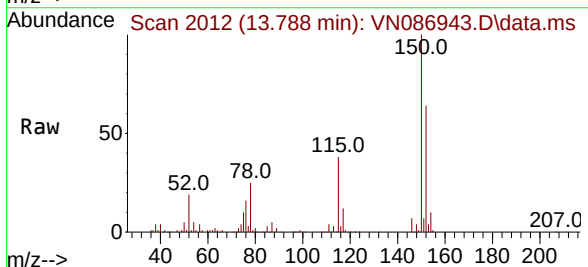
Tgt Ion:152 Resp: 148006

Ion Ratio Lower Upper

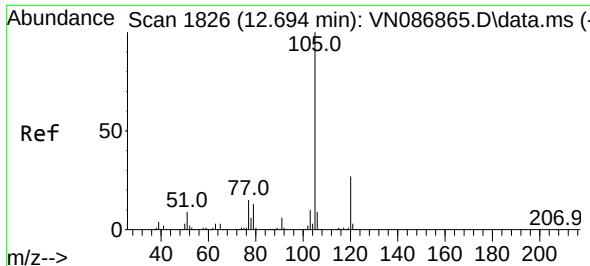
152 100

115 59.5 30.1 90.5

150 163.4 0.0 345.0



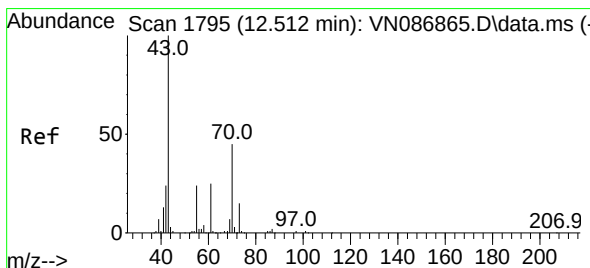
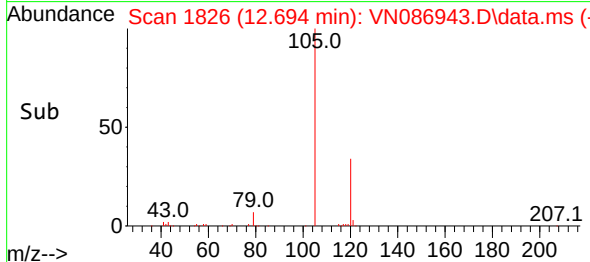
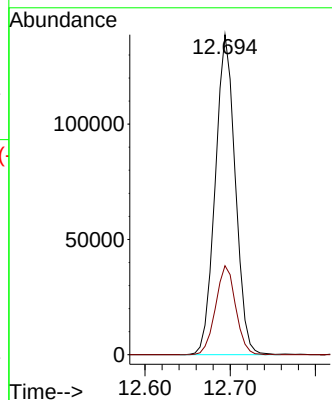
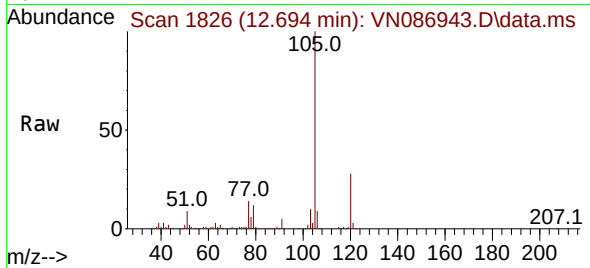




#73  
Isopropylbenzene  
Concen: 21.022 ug/l  
RT: 12.694 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

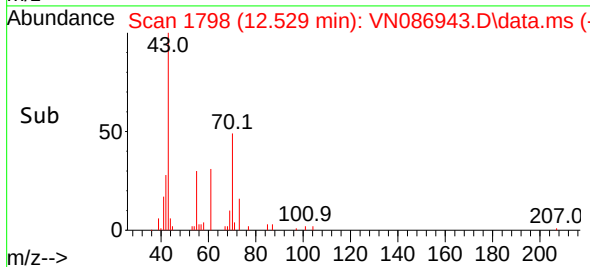
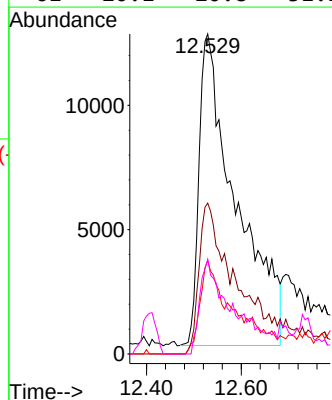
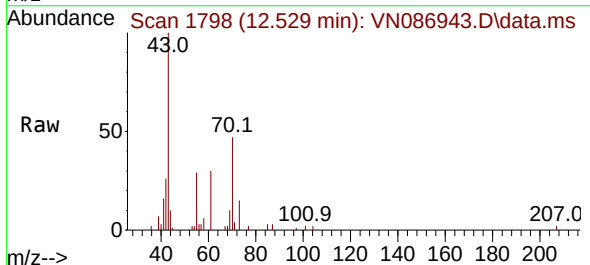
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

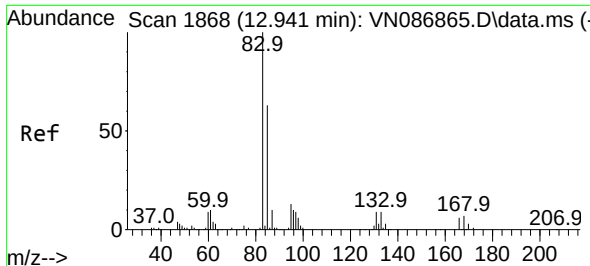
Tgt Ion:105 Resp: 226662  
Ion Ratio Lower Upper  
105 100  
120 27.8 13.5 40.4



#74  
N-ethyl acetate  
Concen: 18.009 ug/l  
RT: 12.529 min Scan# 1798  
Delta R.T. 0.017 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 43 Resp: 67853  
Ion Ratio Lower Upper  
43 100  
70 45.7 37.6 56.4  
55 15.4 19.0 28.6#  
61 20.1 20.8 31.2#

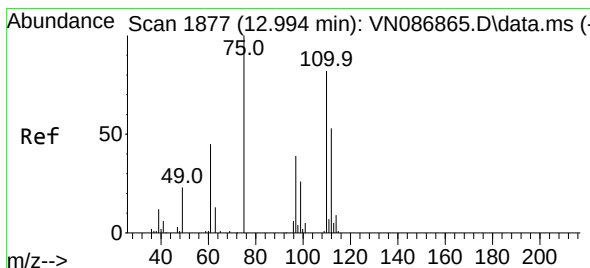
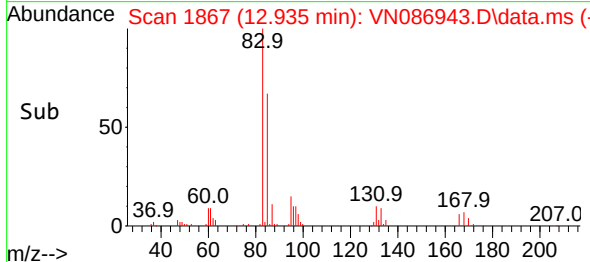
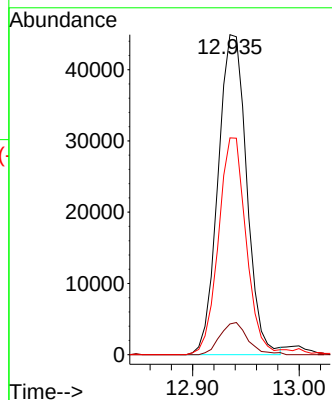
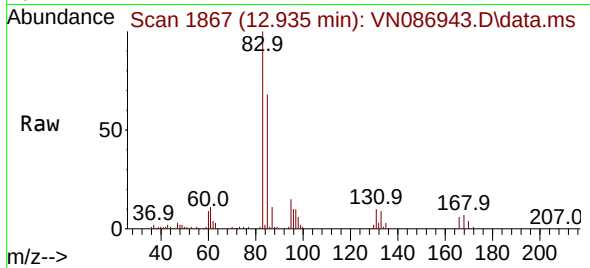




#75  
1,1,2-Tetrachloroethane  
Concen: 22.922 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

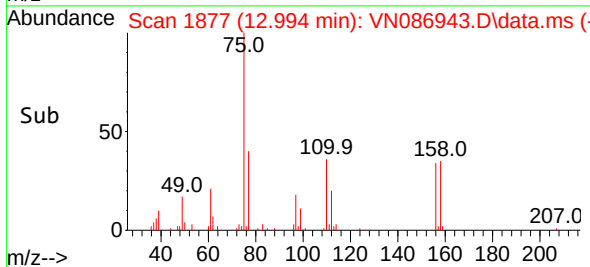
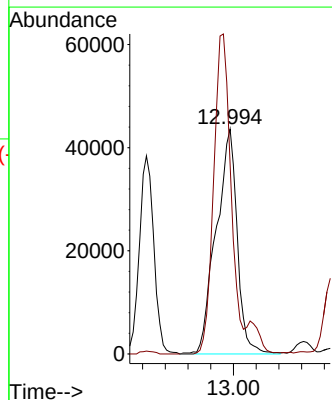
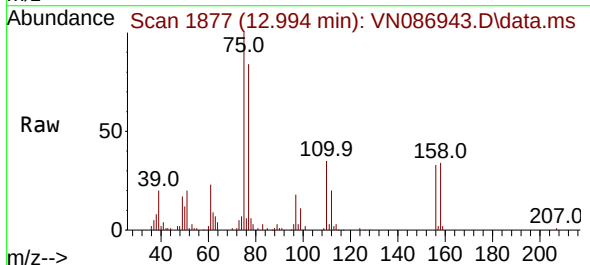
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

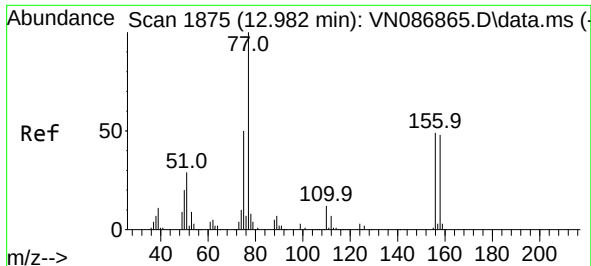
Tgt Ion: 83 Resp: 83730  
Ion Ratio Lower Upper  
83 100  
131 9.8 4.9 14.7  
85 65.6 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 31.924 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 75 Resp: 112315  
Ion Ratio Lower Upper  
75 100  
77 115.8 79.3 237.9

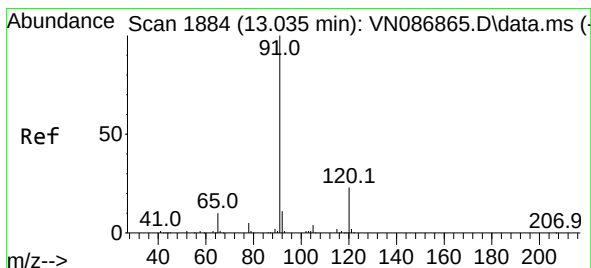
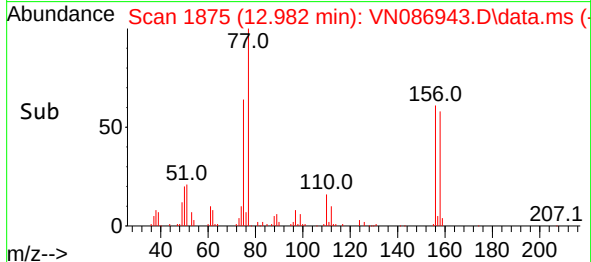
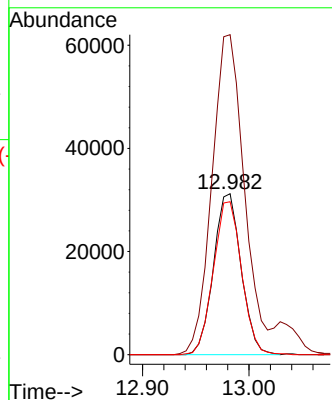
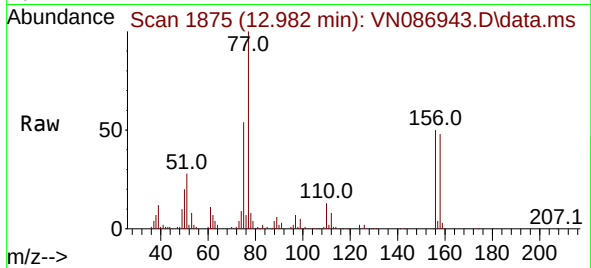




#77  
Bromobenzene  
Concen: 22.716 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

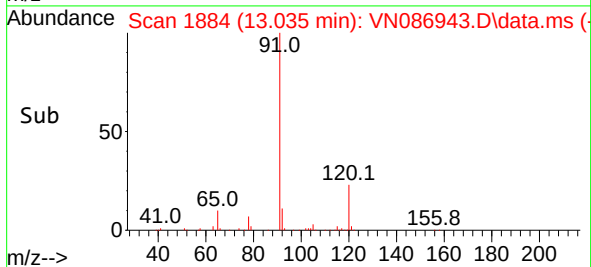
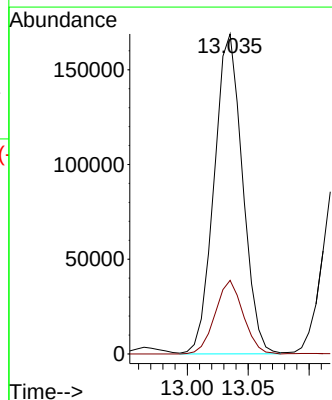
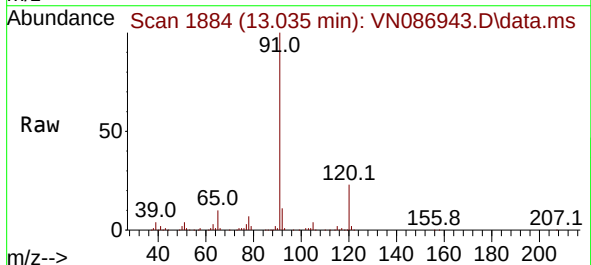
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

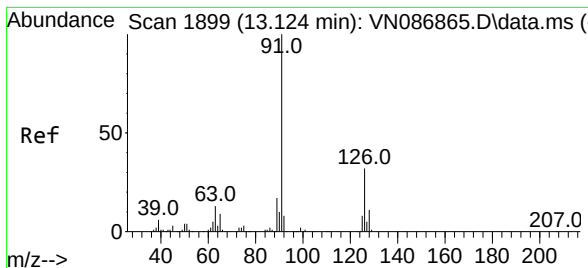
Tgt Ion:156 Resp: 56172  
Ion Ratio Lower Upper  
156 100  
77 231.5 117.7 353.1  
158 97.3 48.1 144.4



#78  
n-propylbenzene  
Concen: 20.875 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 91 Resp: 273536  
Ion Ratio Lower Upper  
91 100  
120 22.7 11.4 34.2

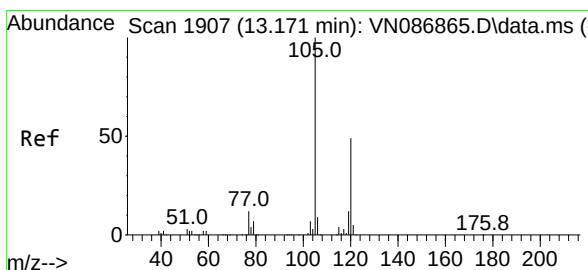
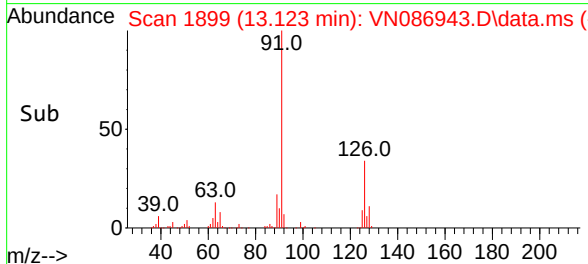
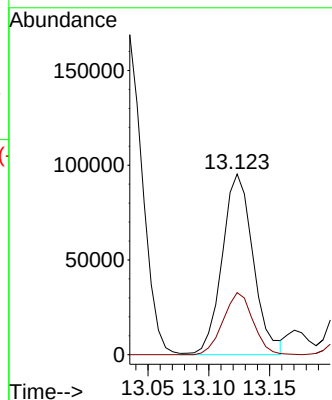
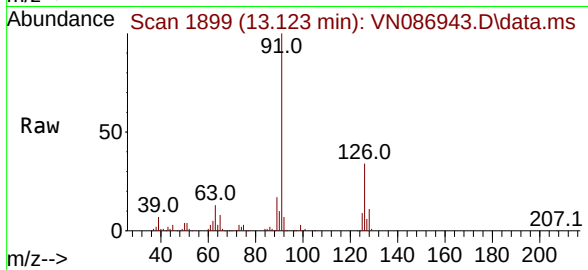




#79  
2-Chlorotoluene  
Concen: 21.530 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

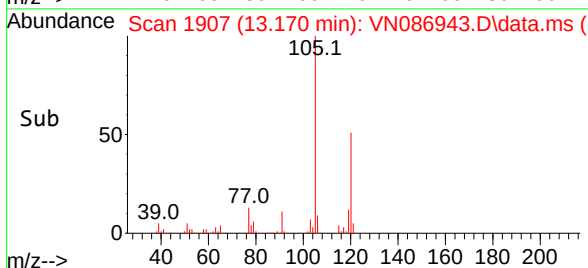
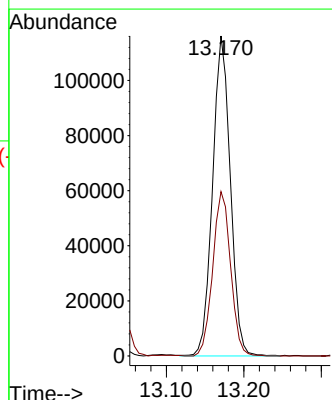
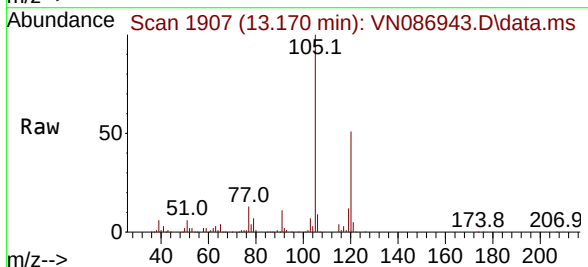
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

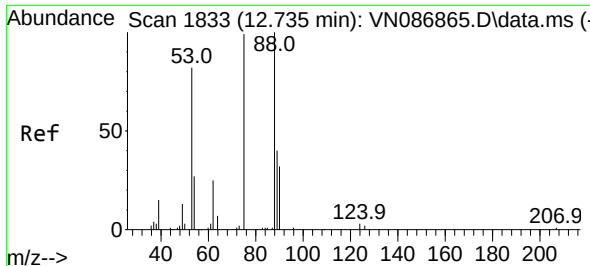
Tgt Ion: 91 Resp: 169185  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.2 48.5



#80  
1,3,5-Trimethylbenzene  
Concen: 20.785 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion:105 Resp: 185031  
Ion Ratio Lower Upper  
105 100  
120 51.6 24.9 74.6

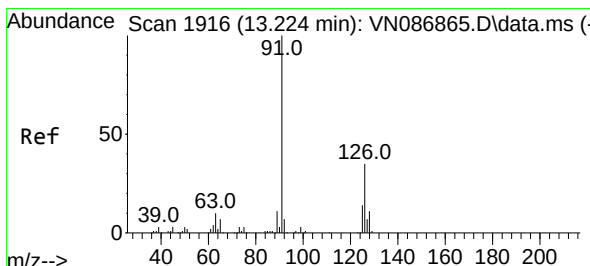
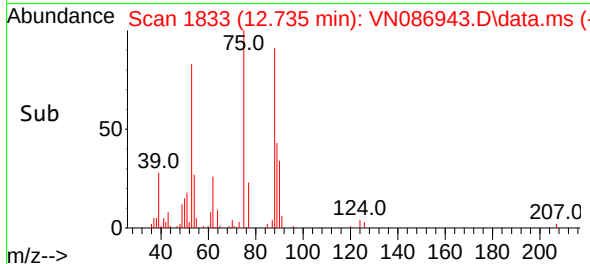
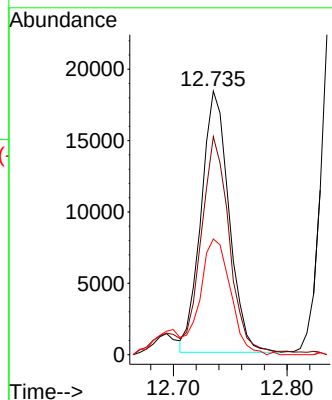
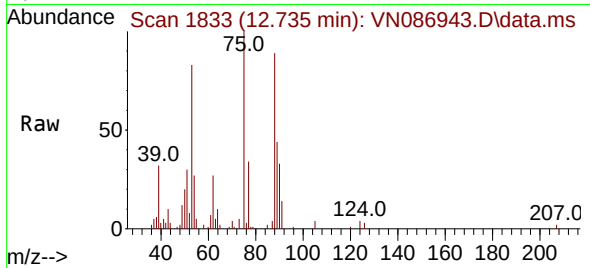




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 20.422 ug/l  
 RT: 12.735 min Scan# 1833  
 Delta R.T. -0.000 min  
 Lab File: VN086943.D  
 Acq: 11 Jun 2025 12:50

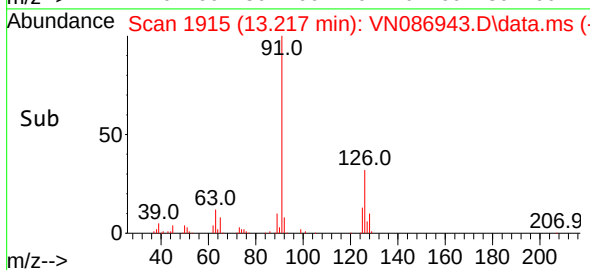
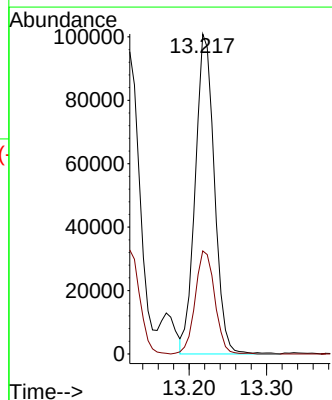
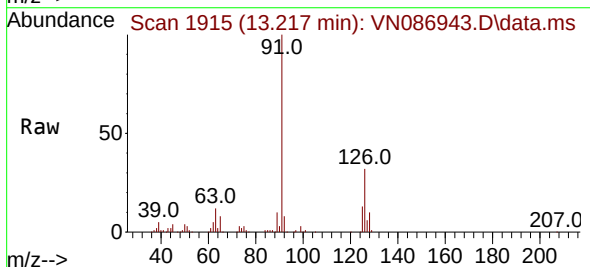
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0611WBS01

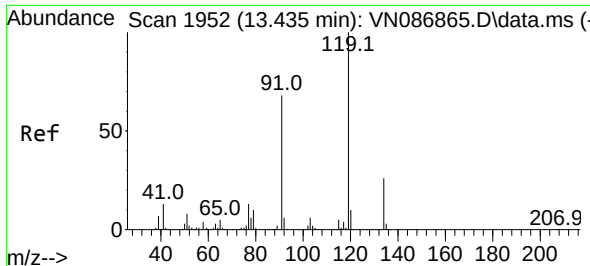
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 31212 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 83.1  | 66.6  | 99.8  |
| 89       | 48.3  | 36.7  | 55.1  |



#82  
 4-Chlorotoluene  
 Concen: 21.731 ug/l  
 RT: 13.217 min Scan# 1915  
 Delta R.T. -0.006 min  
 Lab File: VN086943.D  
 Acq: 11 Jun 2025 12:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 172791 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 33.0  | 16.7  | 50.1   |

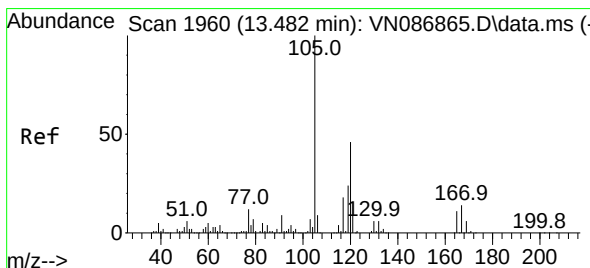
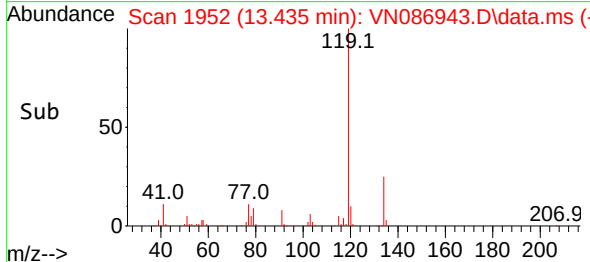
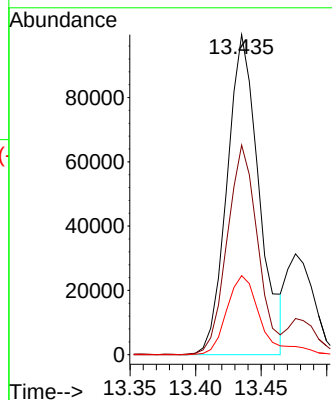
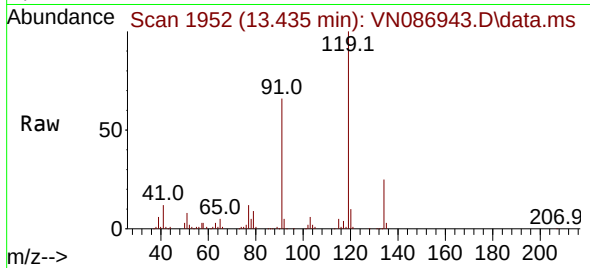




#83  
 tert-Butylbenzene  
 Concen: 20.744 ug/l  
 RT: 13.435 min Scan# 1952  
 Delta R.T. -0.000 min  
 Lab File: VN086943.D  
 Acq: 11 Jun 2025 12:50

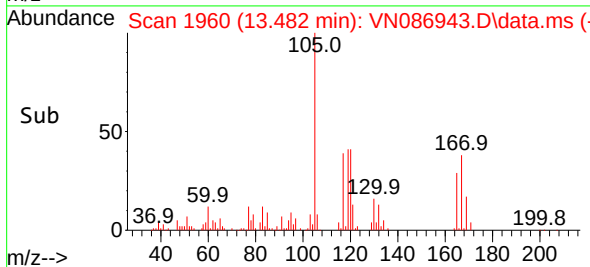
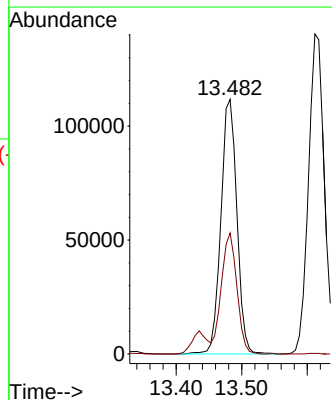
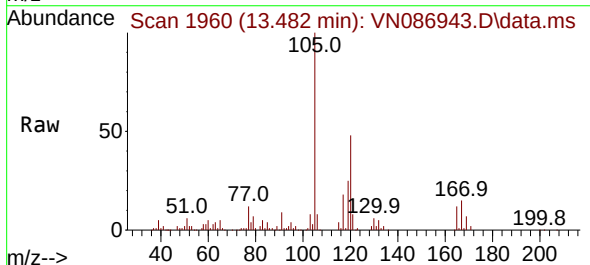
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0611WBS01

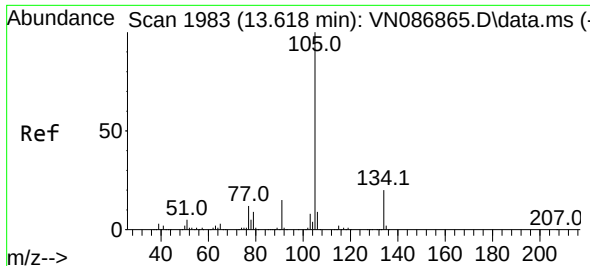
Tgt Ion:119 Resp: 169039  
 Ion Ratio Lower Upper  
 119 100  
 91 62.8 32.1 96.5  
 134 26.4 13.4 40.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.114 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. -0.000 min  
 Lab File: VN086943.D  
 Acq: 11 Jun 2025 12:50

Tgt Ion:105 Resp: 188475  
 Ion Ratio Lower Upper  
 105 100  
 120 46.2 23.2 69.6

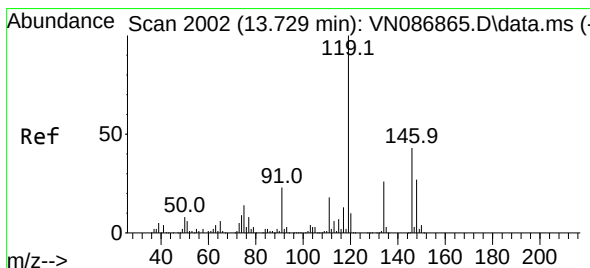
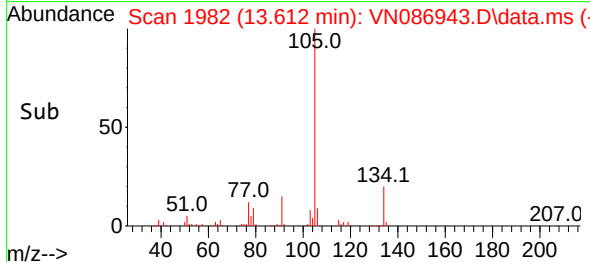
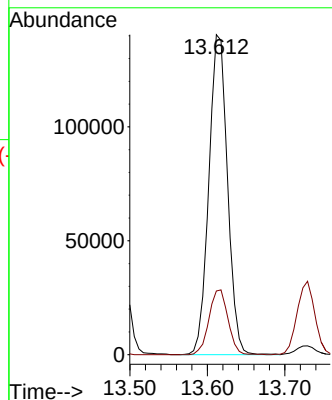
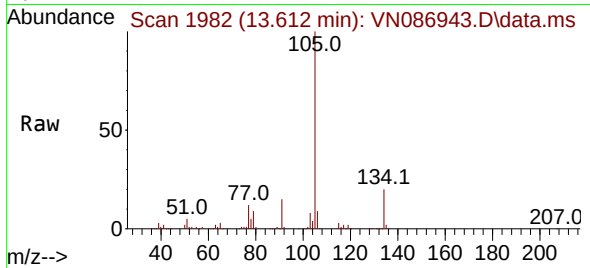




#85  
 sec-Butylbenzene  
 Concen: 19.845 ug/l  
 RT: 13.612 min Scan# 1983  
 Delta R.T. -0.006 min  
 Lab File: VN086943.D  
 Acq: 11 Jun 2025 12:50

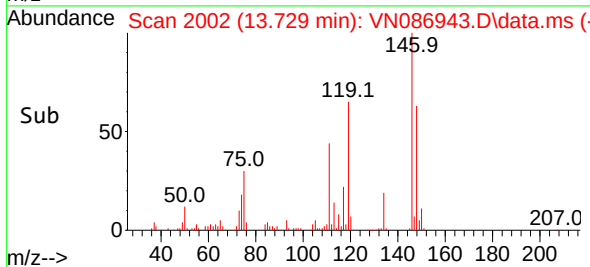
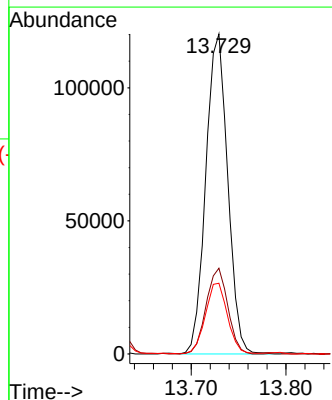
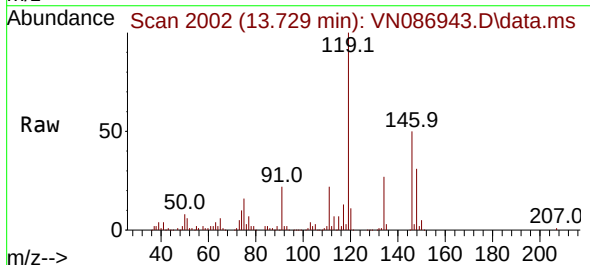
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0611WBS01

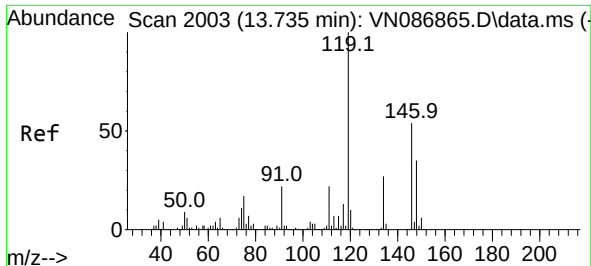
Tgt Ion:105 Resp: 234839  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 19.788 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN086943.D  
 Acq: 11 Jun 2025 12:50

Tgt Ion:119 Resp: 193571  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.5 40.4  
 91 22.4 11.5 34.4

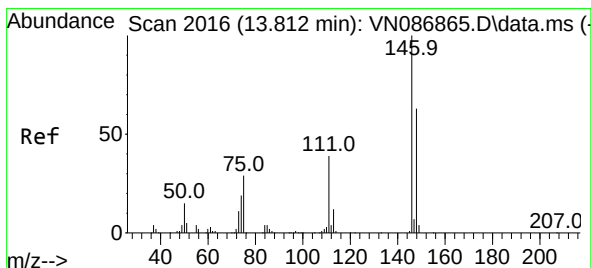
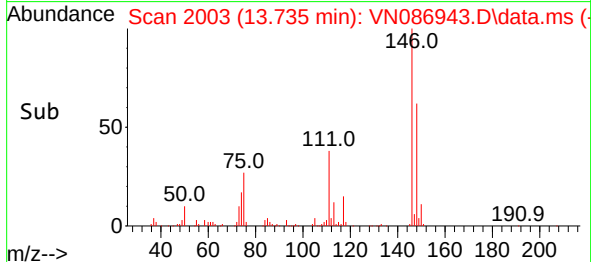
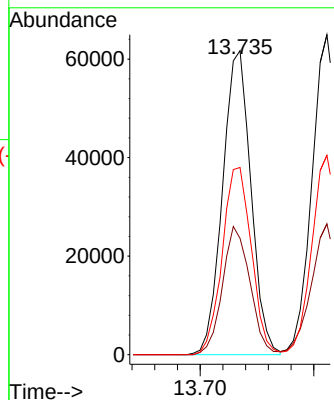
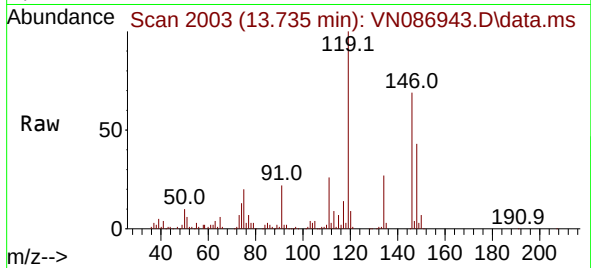




#87  
1,3-Dichlorobenzene  
Concen: 21.995 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

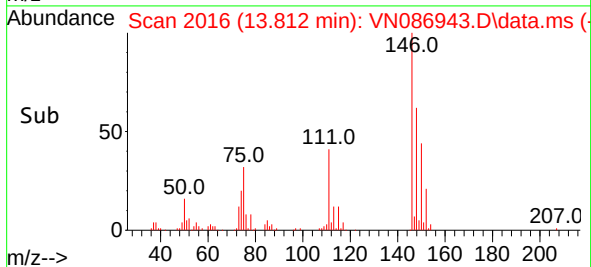
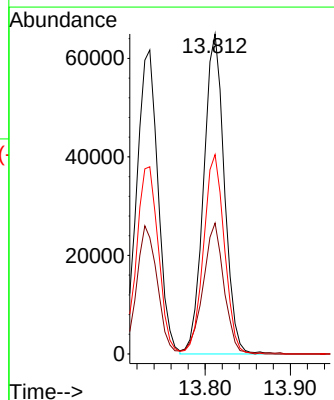
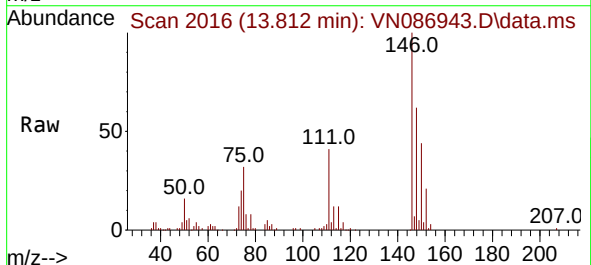
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

Tgt Ion:146 Resp: 107008  
Ion Ratio Lower Upper  
146 100  
111 40.9 20.9 62.8  
148 63.4 32.0 96.2

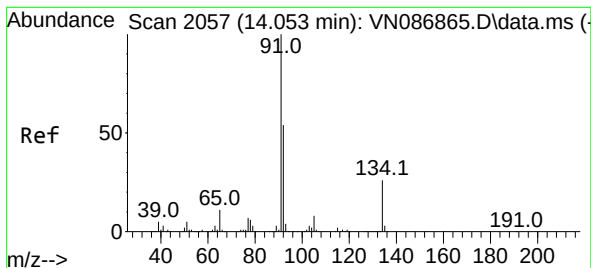


#88  
1,4-Dichlorobenzene  
Concen: 22.090 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion:146 Resp: 109569  
Ion Ratio Lower Upper  
146 100  
111 41.2 19.9 59.7  
148 62.7 31.8 95.4







#89

n-Butylbenzene

Concen: 19.304 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Instrument :

MSVOA\_N

ClientSampleId :

VN0611WBS01

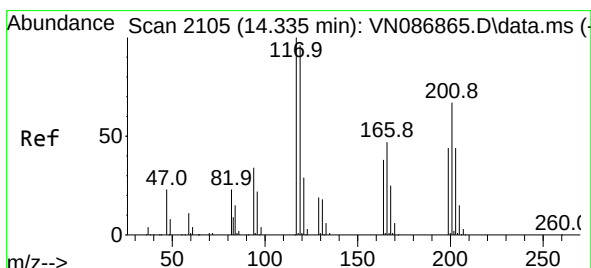
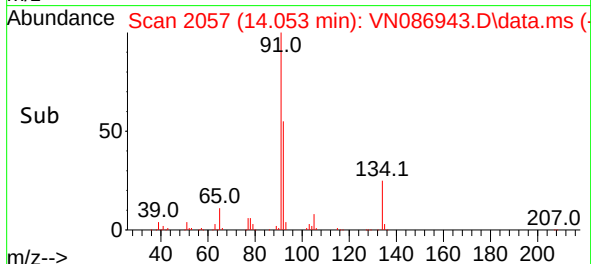
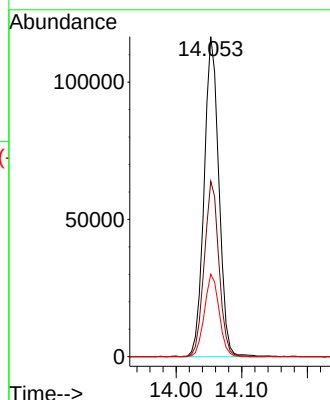
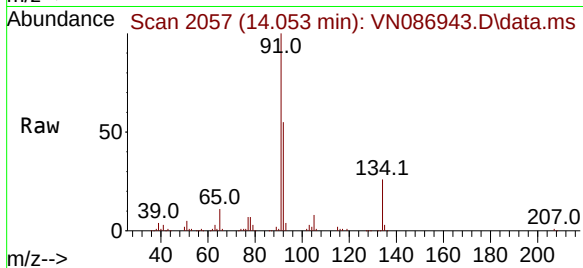
Tgt Ion: 91 Resp: 182909

Ion Ratio Lower Upper

91 100

92 54.4 27.5 82.4

134 25.7 13.0 39.0



#90

Hexachloroethane

Concen: 20.342 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN086943.D

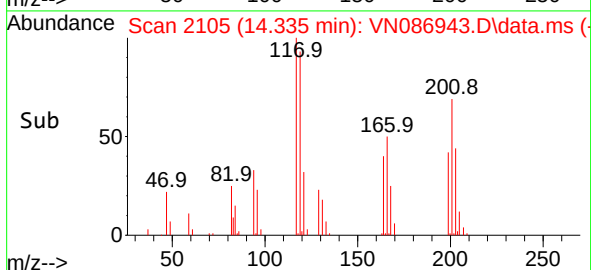
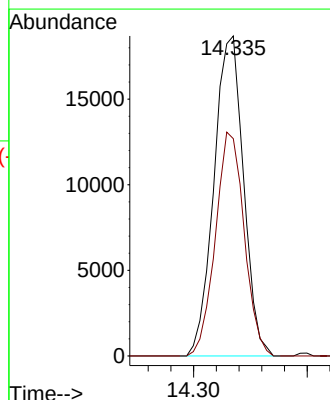
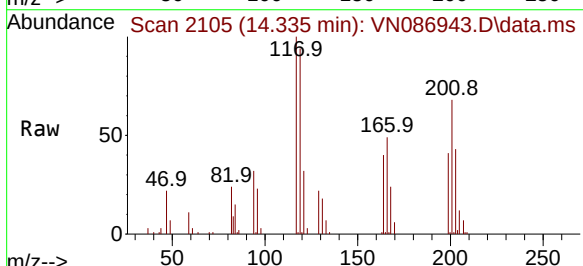
Acq: 11 Jun 2025 12:50

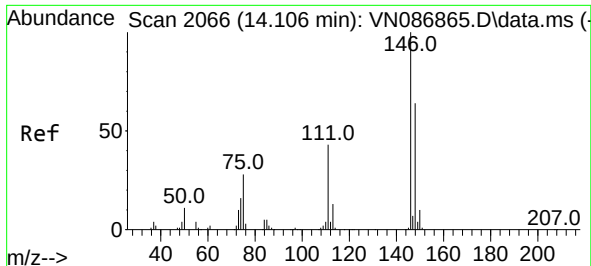
Tgt Ion: 117 Resp: 33730

Ion Ratio Lower Upper

117 100

201 68.1 33.2 99.6

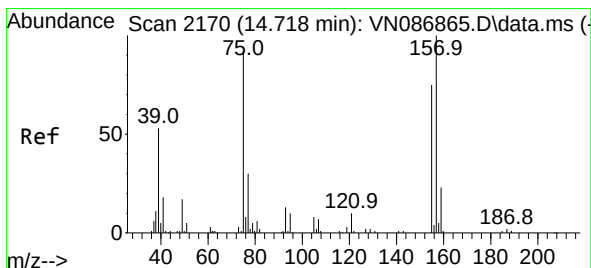
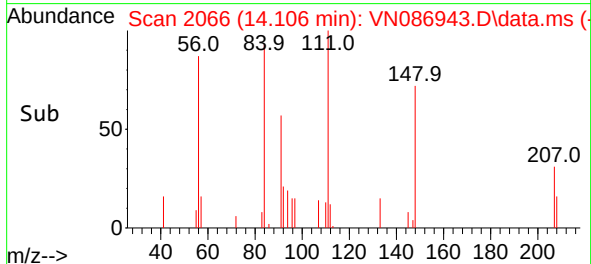
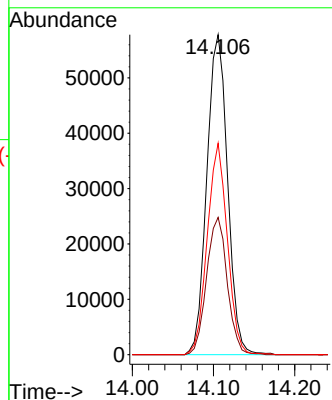
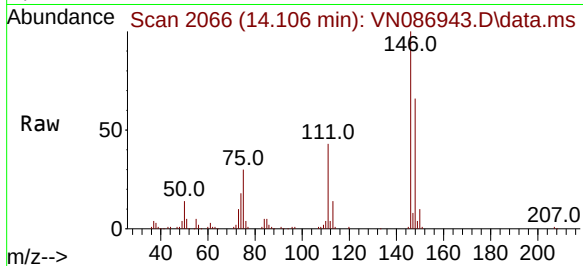




#91  
1,2-Dichlorobenzene  
Concen: 21.929 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

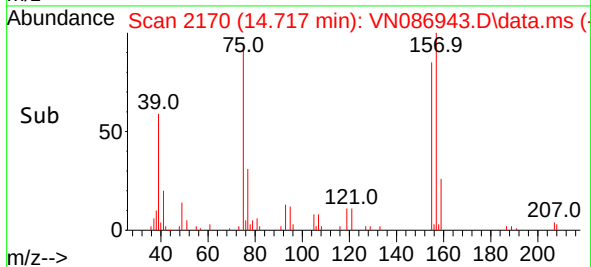
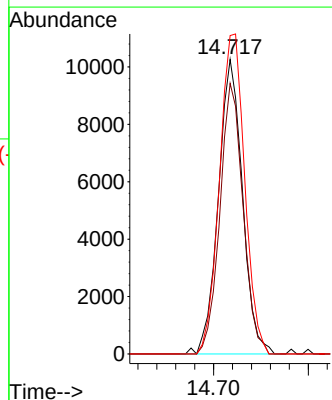
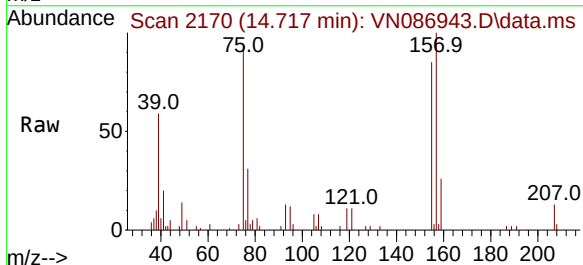
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

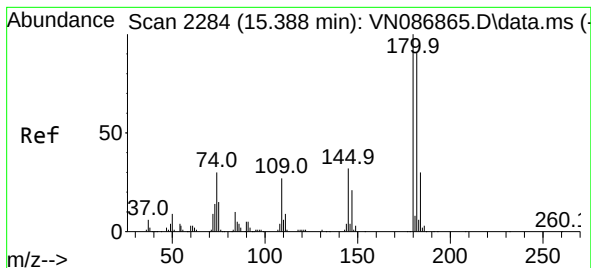
Tgt Ion:146 Resp: 102497  
Ion Ratio Lower Upper  
146 100  
111 42.8 21.6 64.6  
148 64.1 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.738 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion: 75 Resp: 18116  
Ion Ratio Lower Upper  
75 100  
155 88.3 41.1 123.4  
157 113.8 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 20.307 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

Instrument :

MSVOA\_N

ClientSampleId :

VN0611WBS01

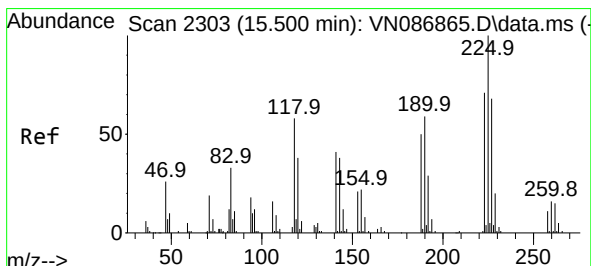
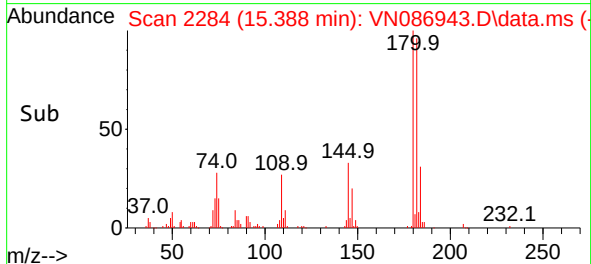
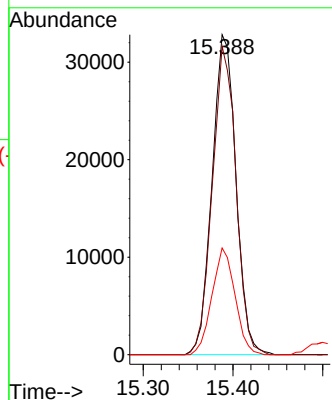
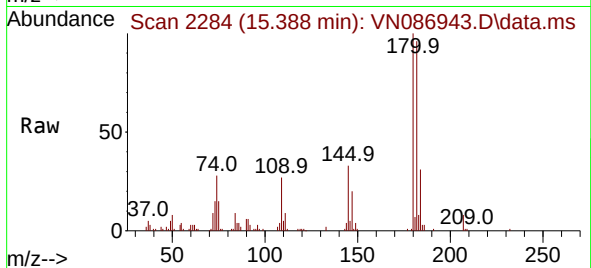
Tgt Ion:180 Resp: 60612

Ion Ratio Lower Upper

180 100

182 95.6 46.9 140.7

145 32.2 16.0 47.9



#94

Hexachlorobutadiene

Concen: 17.752 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086943.D

Acq: 11 Jun 2025 12:50

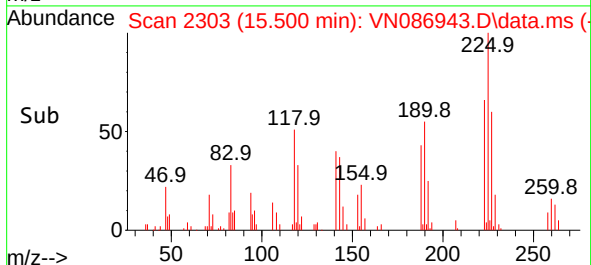
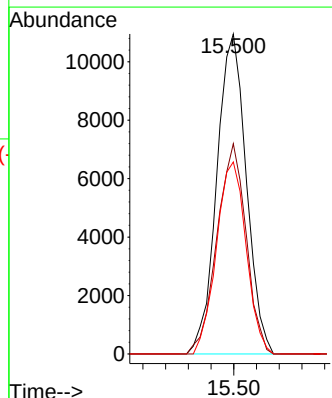
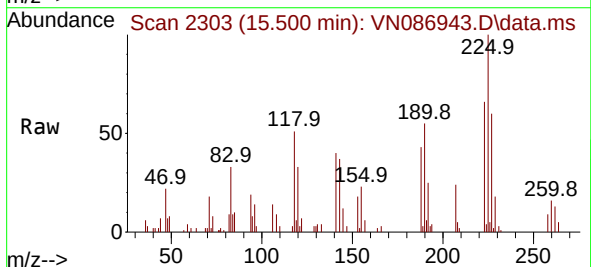
Tgt Ion:225 Resp: 19740

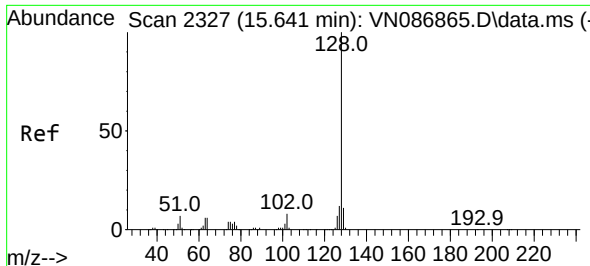
Ion Ratio Lower Upper

225 100

223 64.9 33.5 100.4

227 60.5 31.1 93.5

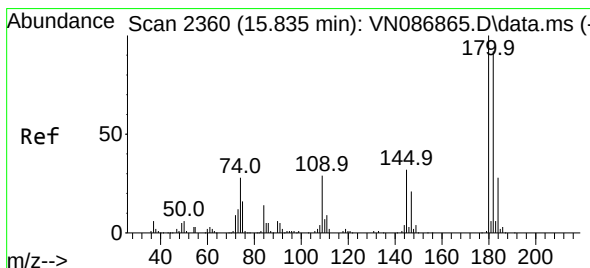
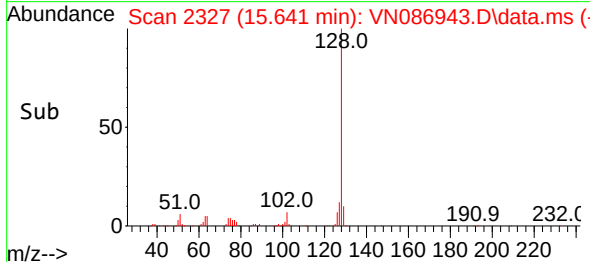
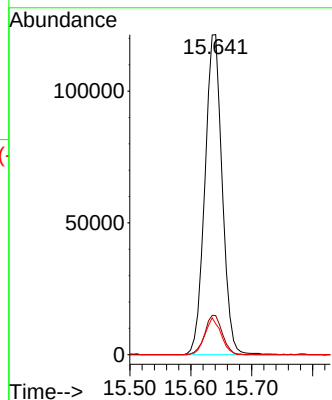
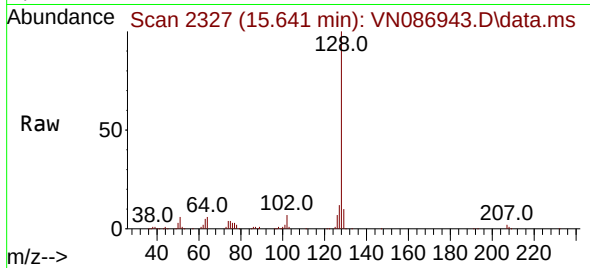




#95  
Naphthalene  
Concen: 21.571 ug/l  
RT: 15.641 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0611WBS01

Tgt Ion:128 Resp: 239647  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.2 15.2  
129 10.7 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 19.605 ug/l  
RT: 15.835 min Scan# 2360  
Delta R.T. -0.000 min  
Lab File: VN086943.D  
Acq: 11 Jun 2025 12:50

Tgt Ion:180 Resp: 58138  
Ion Ratio Lower Upper  
180 100  
182 92.9 47.0 141.0  
145 33.4 16.6 49.8

