

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091025\  
 Data File : VN087790.D  
 Acq On : 10 Sep 2025 18:35  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Sep 11 02:09:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 22 02:55:42 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.206  | 168  | 234709   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.082  | 114  | 461225   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.847 | 117  | 437995   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152  | 232003   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.559  | 65    | 238288   | 49.551   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 99.100%  |
| 35) Dibromofluoromethane    | 8.153  | 113   | 174280   | 52.336   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 104.680% |
| 50) Toluene-d8              | 10.547 | 98    | 577060   | 46.299   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 92.600%  |
| 62) 4-Bromofluorobenzene    | 12.829 | 95    | 217074   | 48.973   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 97.940%  |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.142 | 85  | 139333  | 41.798  | ug/l   | 95  |
| 3) Chloromethane             | 2.383 | 50  | 160204  | 46.764  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.542 | 62  | 173313  | 43.633  | ug/l   | 94  |
| 5) Bromomethane              | 2.971 | 94  | 96079   | 46.879  | ug/l   | 99  |
| 6) Chloroethane              | 3.136 | 64  | 123321  | 44.174  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.512 | 101 | 256391  | 44.057  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.959 | 74  | 118235  | 46.651  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 4.365 | 101 | 136042  | 41.313  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.583 | 142 | 112111  | 46.162  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 213815  | 256.113 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 143027  | 42.267  | ug/l   | 93  |
| 13) Acrolein                 | 4.171 | 56  | 255597  | 249.039 | ug/l   | 99  |
| 14) Allyl chloride           | 5.012 | 41  | 244504  | 39.872  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.706 | 53  | 600709  | 255.136 | ug/l   | 99  |
| 16) Acetone                  | 4.418 | 43  | 556348  | 212.523 | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.706 | 76  | 358786  | 38.513  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.018 | 43  | 330516  | 60.300  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.789 | 73  | 636285  | 50.123  | ug/l   | 100 |
| 20) Methylene Chloride       | 5.259 | 84  | 188014  | 49.645  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.771 | 96  | 156777  | 42.748  | ug/l   | 90  |
| 22) Diisopropyl ether        | 6.659 | 45  | 648680  | 49.019  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.588 | 43  | 2915907 | 242.197 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.553 | 63  | 335433  | 46.231  | ug/l   | 99  |
| 25) 2-Butanone               | 7.471 | 43  | 847605  | 246.105 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 7.471 | 77  | 219616  | 35.266  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.471 | 96  | 208976  | 47.664  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.800 | 49  | 175711  | 50.093  | ug/l   | 96  |
| 29) Tetrahydrofuran          | 7.824 | 42  | 557876  | 251.697 | ug/l   | 99  |
| 30) Chloroform               | 7.947 | 83  | 359632  | 48.561  | ug/l   | 98  |
| 31) Cyclohexane              | 8.235 | 56  | 229961  | 38.018  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 8.153 | 97  | 281586  | 44.866  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.353 | 75  | 207975  | 40.710  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.547 | 43  | 325131  | 46.574  | ug/l   | 95  |
| 38) Carbon Tetrachloride     | 8.347 | 117 | 228375  | 45.277  | ug/l   | 94  |
| 39) Methylcyclohexane        | 9.582 | 83  | 220112  | 39.135  | ug/l   | 98  |
| 40) Benzene                  | 8.588 | 78  | 716938  | 45.755  | ug/l   | 98  |

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 Data File : VN087790.D  
 Acq On : 10 Sep 2025 18:35  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 11 02:09:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 22 02:55:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.765  | 41   | 187620   | 51.884   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.653  | 62   | 281851   | 46.809   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.671  | 43   | 540105   | 49.555   | ug/l   | 98       |
| 44) Trichloroethene           | 9.329  | 130  | 159530   | 44.594   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.600  | 63   | 193179   | 46.772   | ug/l   | 97       |
| 46) Dibromomethane            | 9.688  | 93   | 146860   | 49.967   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.871  | 83   | 295230   | 49.012   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.665  | 41   | 254329   | 49.333   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.682  | 88   | 71181    | 1065.267 | ug/l # | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.424 | 43   | 1734451  | 263.761  | ug/l   | 99       |
| 52) Toluene                   | 10.606 | 92   | 441283   | 45.428   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.818 | 75   | 294821   | 47.284   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.288 | 75   | 299501   | 46.262   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.994 | 97   | 194341   | 51.717   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.853 | 69   | 322373   | 53.680   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.141 | 76   | 332288   | 49.965   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.141 | 63   | 822266   | 252.970  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.176 | 43   | 1169667  | 281.446  | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.341 | 129  | 225767   | 51.851   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.447 | 107  | 203359   | 51.322   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.082 | 164  | 126211   | 41.534   | ug/l   | 93       |
| 65) Chlorobenzene             | 11.870 | 112  | 495787   | 45.499   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.935 | 131  | 185574   | 51.299   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.941 | 91   | 840071   | 44.527   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.047 | 106  | 626488   | 90.543   | ug/l   | 100      |
| 69) o-Xylene                  | 12.376 | 106  | 315932   | 46.592   | ug/l   | 97       |
| 70) Styrene                   | 12.388 | 104  | 553237   | 48.700   | ug/l   | 98       |
| 71) Bromoform                 | 12.559 | 173  | 152778   | 55.067   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.676 | 105  | 790837   | 42.184   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 231556   | 32.592   | ug/l # | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.917 | 83   | 313538   | 48.577   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.970 | 75   | 401048   | 73.714   | ug/l   | 57       |
| 77) Bromobenzene              | 12.959 | 156  | 202907   | 45.903   | ug/l   | 97       |
| 78) n-propylbenzene           | 13.012 | 91   | 985807   | 42.690   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.106 | 91   | 598202   | 43.047   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.147 | 105  | 678318   | 42.651   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.717 | 75   | 93542    | 45.517   | ug/l   | 84       |
| 82) 4-Chlorotoluene           | 13.200 | 91   | 606785   | 41.530   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.412 | 119  | 592612   | 44.716   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 703140   | 44.165   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.594 | 105  | 849057   | 43.171   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 705994   | 43.472   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.712 | 146  | 388865   | 44.672   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.788 | 146  | 397501   | 43.880   | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.035 | 91   | 676634   | 41.952   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.312 | 117  | 140485   | 45.406   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 14.082 | 146  | 372690   | 45.129   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 70573    | 46.028   | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.370 | 180  | 223457   | 45.060   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.476 | 225  | 79749    | 45.108   | ug/l   | 98       |
| 95) Naphthalene               | 15.611 | 128  | 844074   | 48.054   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 219237   | 45.222   | ug/l   | 96       |

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Data File : VN087790.D  
Acq On : 10 Sep 2025 18:35  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Sep 11 02:09:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 22 02:55:42 2025  
Response via : Initial Calibration

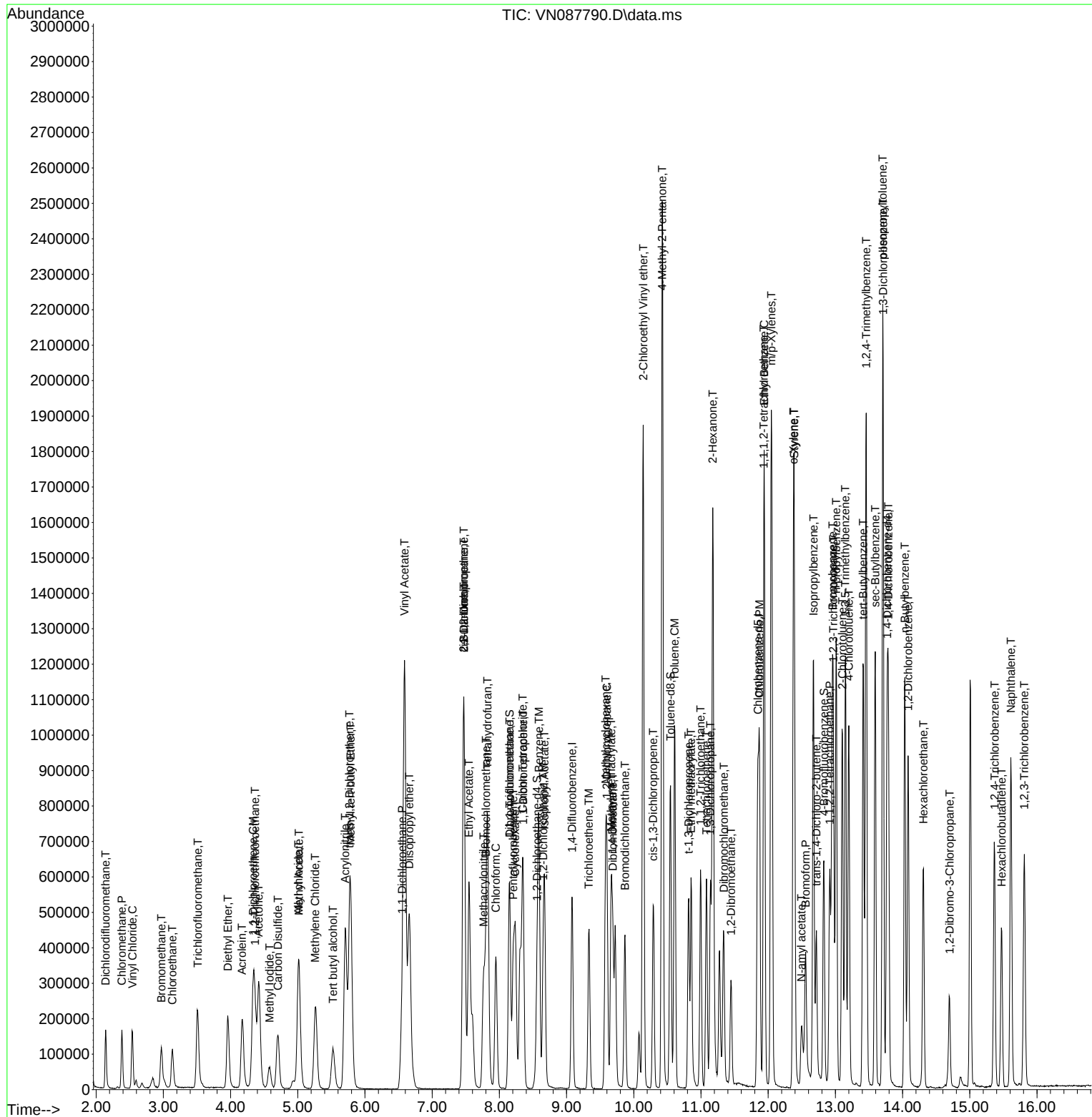
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

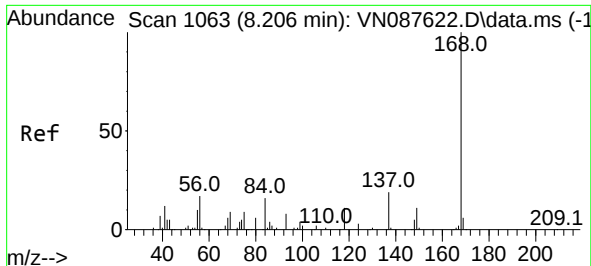
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091025\  
Data File : VN087790.D  
Acq On : 10 Sep 2025 18:35  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Sep 11 02:09:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 22 02:55:42 2025  
Response via : Initial Calibration

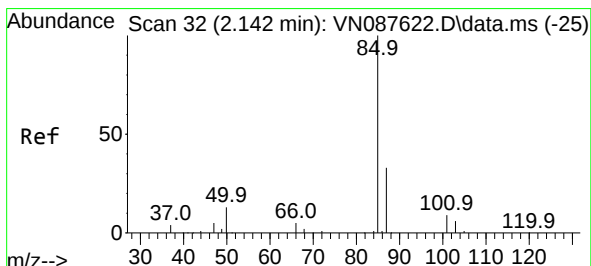
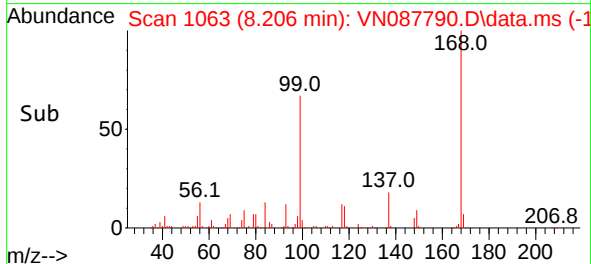
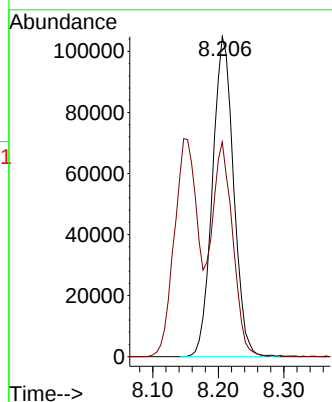
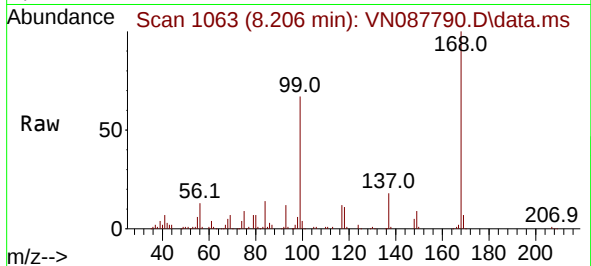




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

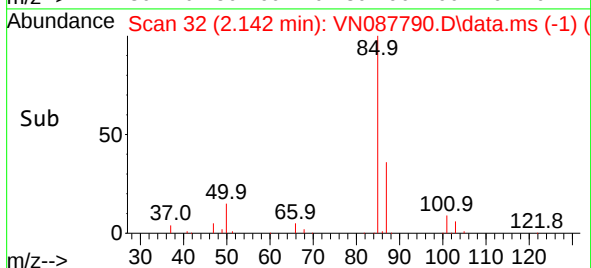
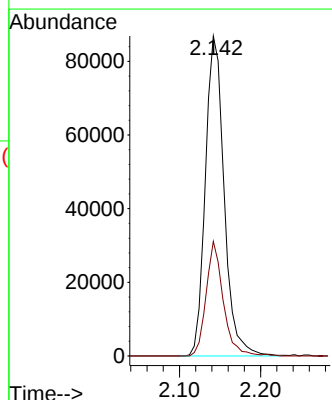
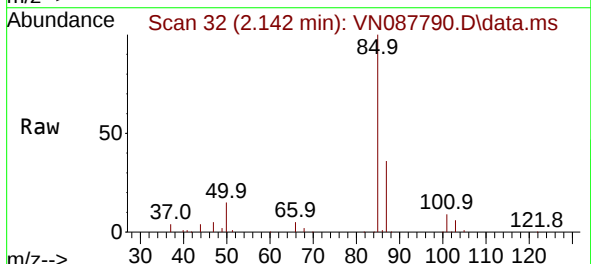
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

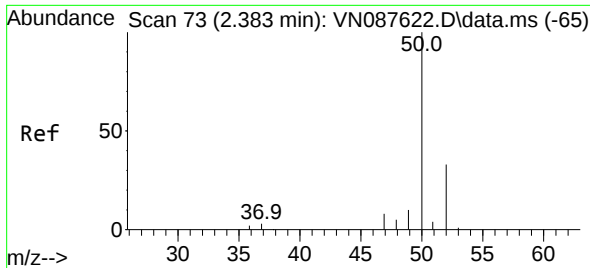
Tgt Ion:168 Resp: 234709  
Ion Ratio Lower Upper  
168 100  
99 66.7 57.2 85.8



#2  
Dichlorodifluoromethane  
Concen: 41.798 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 85 Resp: 139333  
Ion Ratio Lower Upper  
85 100  
87 35.8 16.6 49.8

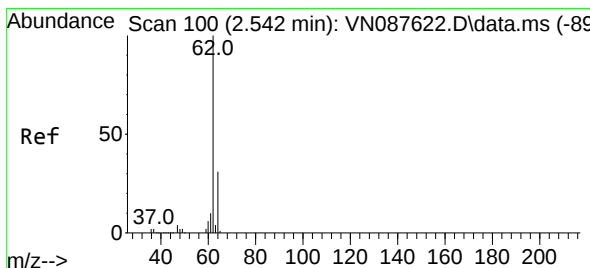
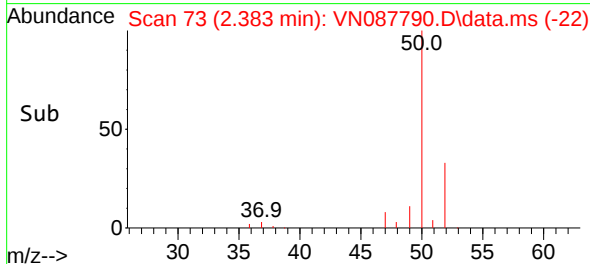
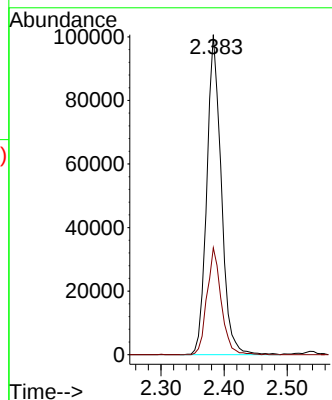
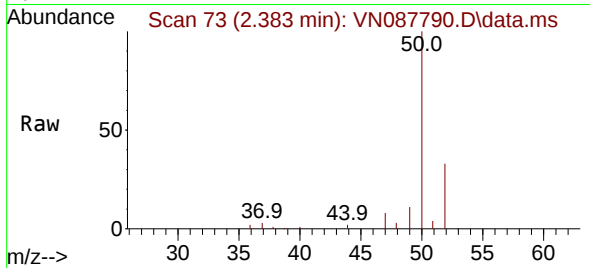




#3  
Chloromethane  
Concen: 46.764 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

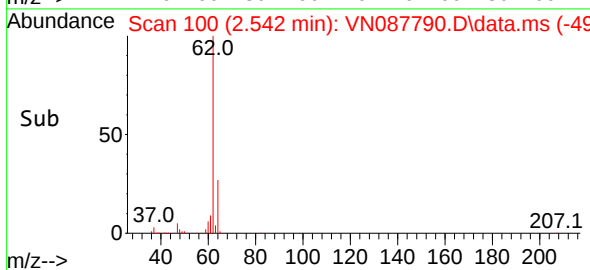
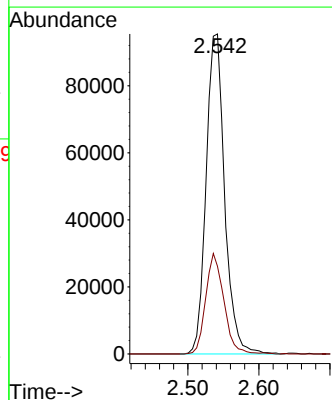
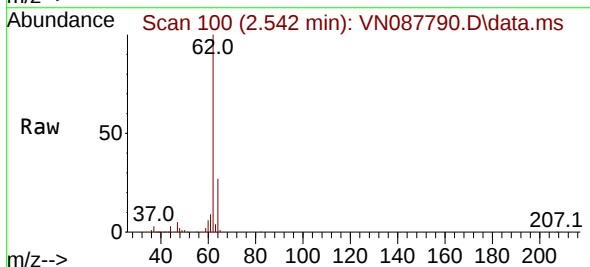
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

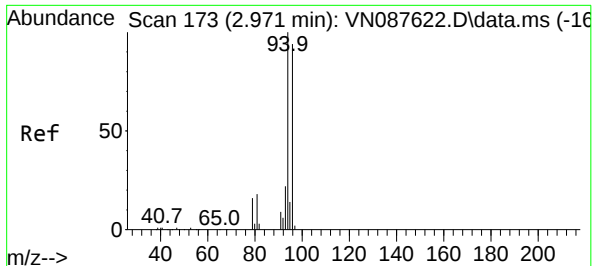
Tgt Ion: 50 Resp: 160204  
Ion Ratio Lower Upper  
50 100  
52 33.4 26.2 39.4



#4  
Vinyl Chloride  
Concen: 43.633 ug/l  
RT: 2.542 min Scan# 100  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 62 Resp: 173313  
Ion Ratio Lower Upper  
62 100  
64 27.4 24.6 37.0

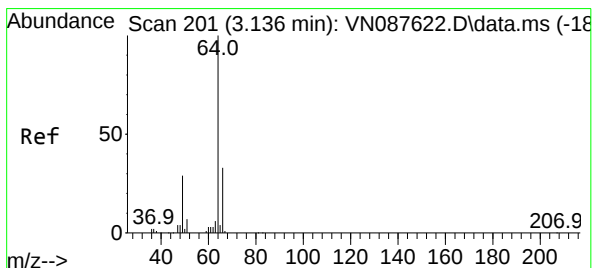
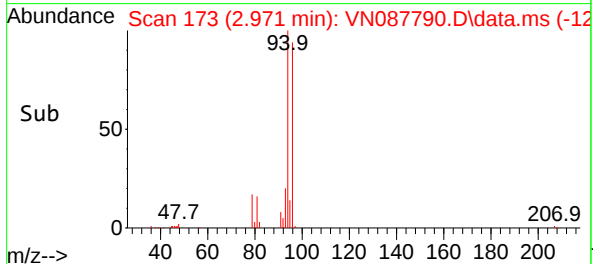
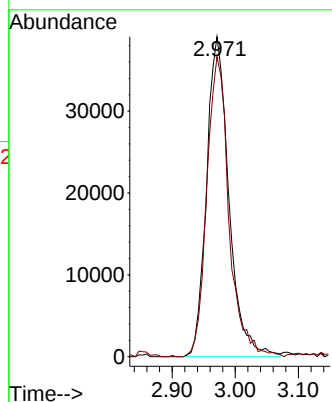
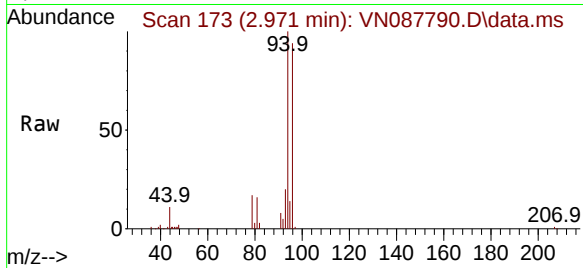




#5  
Bromomethane  
Concen: 46.879 ug/l  
RT: 2.971 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

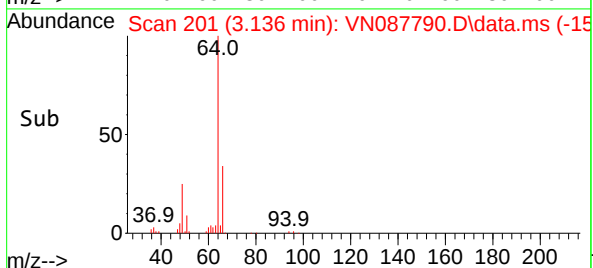
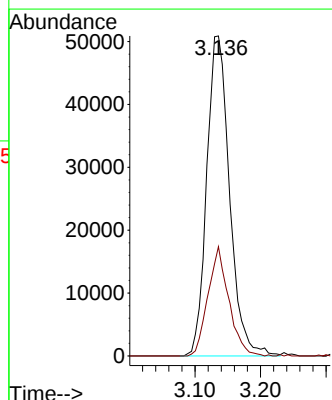
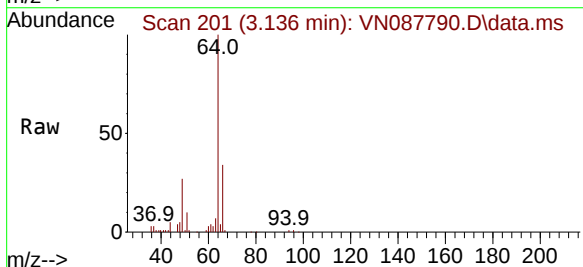
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

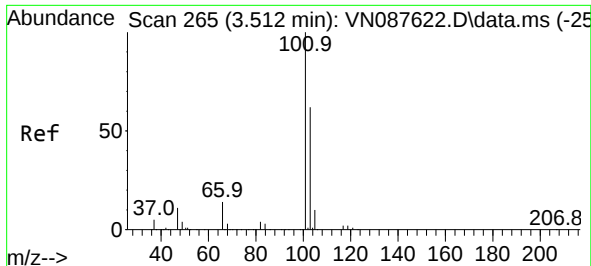
Tgt Ion: 94 Resp: 96079  
Ion Ratio Lower Upper  
94 100  
96 93.7 75.4 113.2



#6  
Chloroethane  
Concen: 44.174 ug/l  
RT: 3.136 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 64 Resp: 123321  
Ion Ratio Lower Upper  
64 100  
66 34.1 26.2 39.2

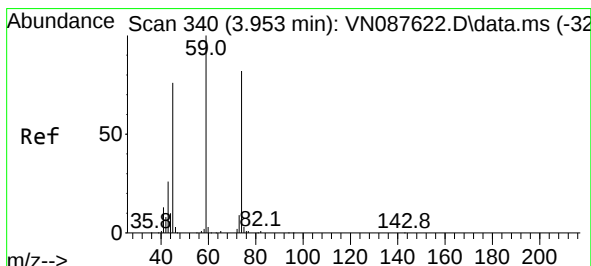
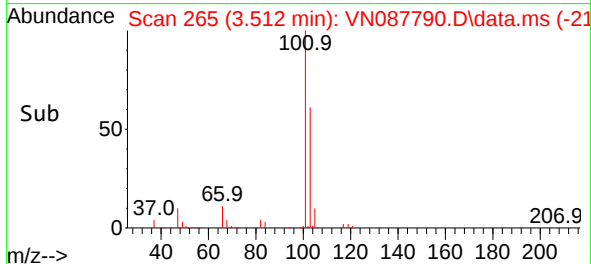
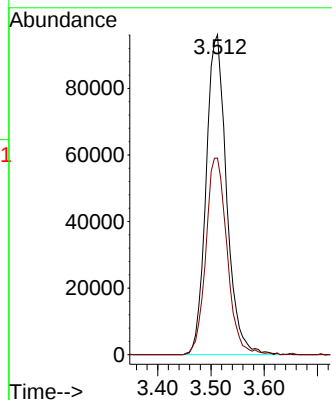
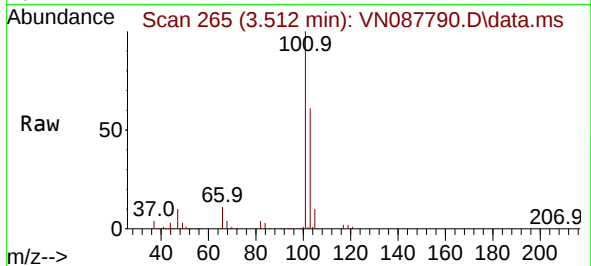




#7  
 Trichlorofluoromethane  
 Concen: 44.057 ug/l  
 RT: 3.512 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

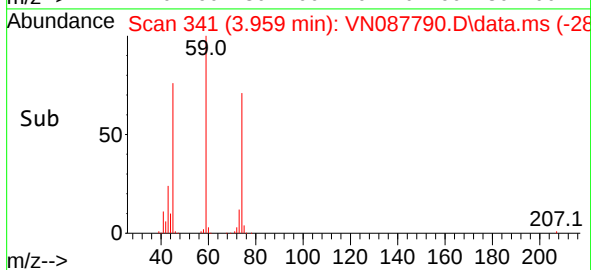
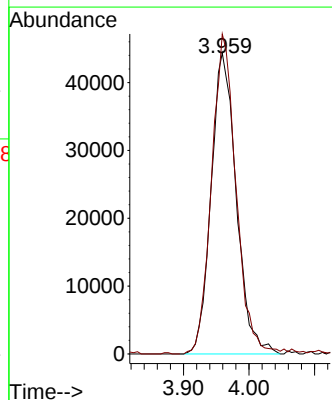
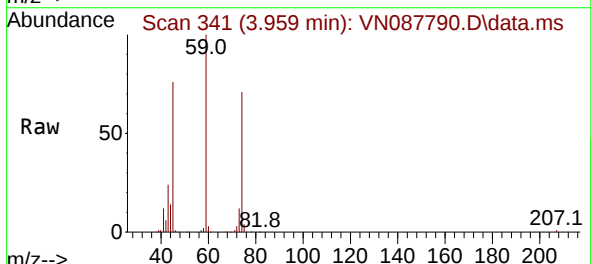
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

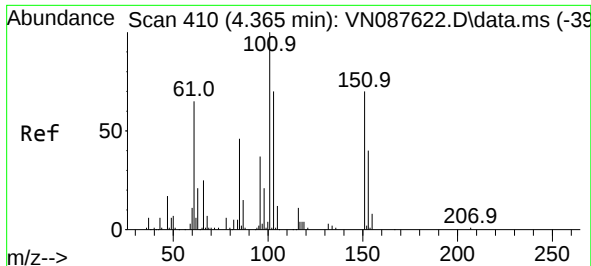
Tgt Ion:101 Resp: 256391  
 Ion Ratio Lower Upper  
 101 100  
 103 61.4 49.4 74.0



#8  
 Diethyl Ether  
 Concen: 46.651 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

Tgt Ion: 74 Resp: 118235  
 Ion Ratio Lower Upper  
 74 100  
 45 103.1 50.6 151.9

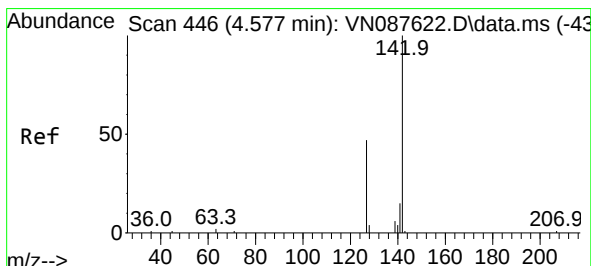
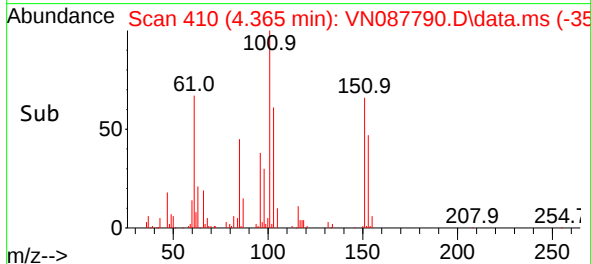
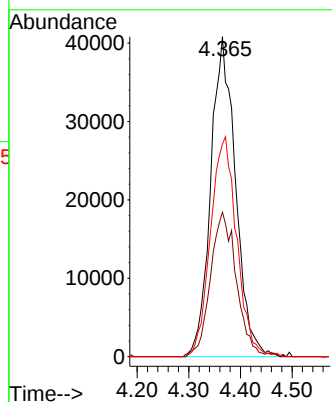
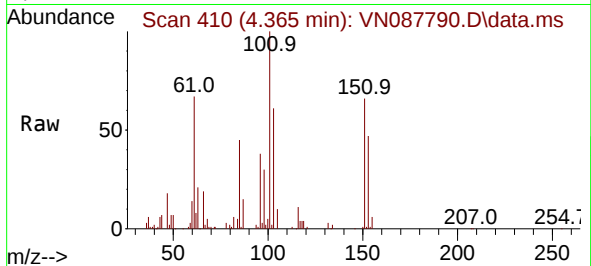




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 41.313 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

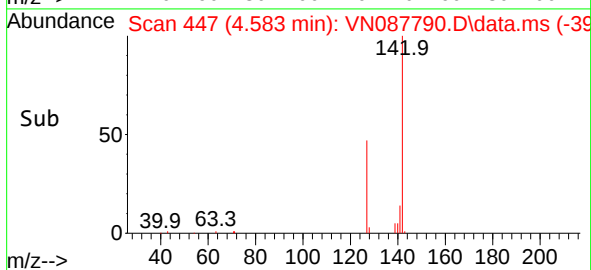
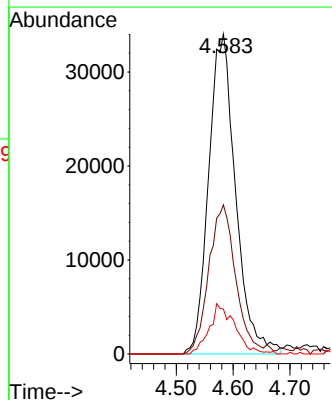
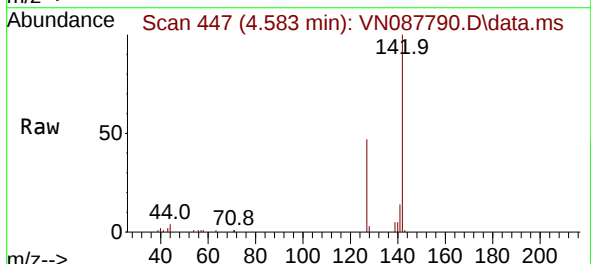
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

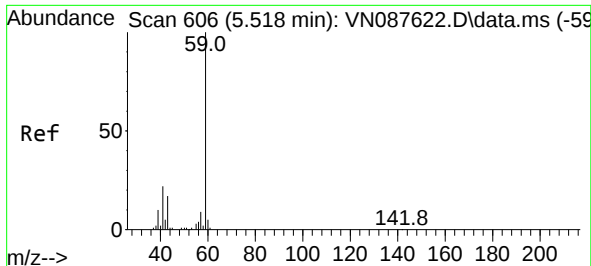
Tgt Ion:101 Resp: 136042  
Ion Ratio Lower Upper  
101 100  
85 46.9 36.6 55.0  
151 72.4 54.7 82.1



#10  
Methyl Iodide  
Concen: 46.162 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. 0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion:142 Resp: 112111  
Ion Ratio Lower Upper  
142 100  
127 46.6 38.0 57.0  
141 14.1 12.0 18.0

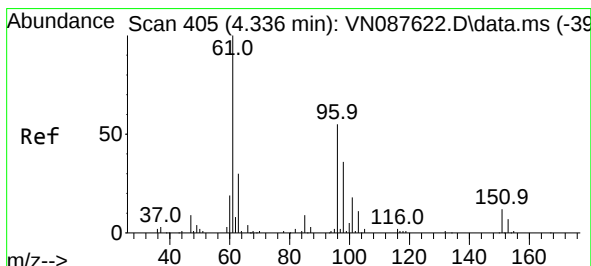
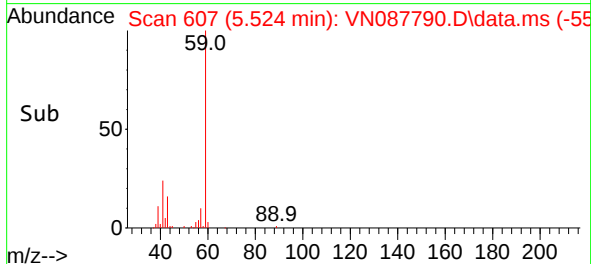
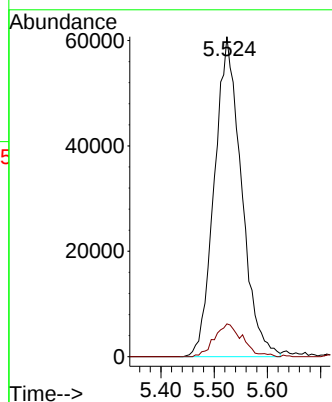
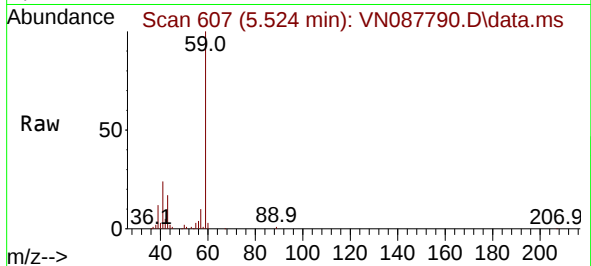




#11  
Tert butyl alcohol  
Concen: 256.113 ug/l  
RT: 5.524 min Scan# 606  
Delta R.T. 0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

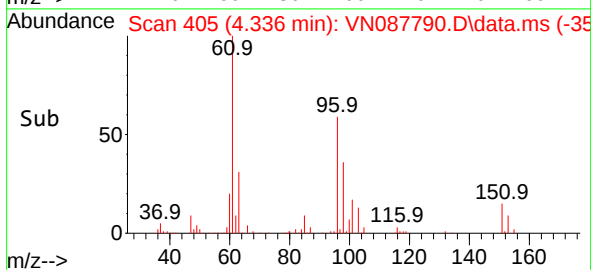
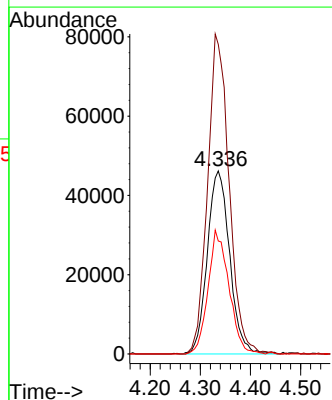
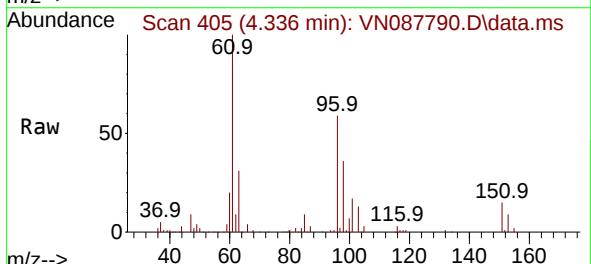
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

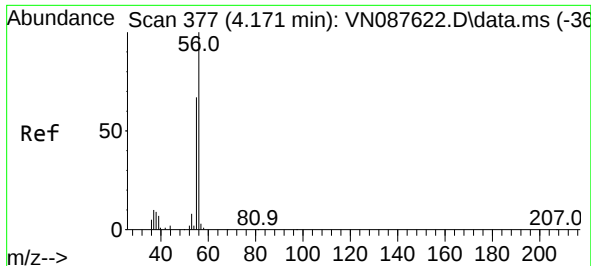
Tgt Ion: 59 Resp: 213815  
Ion Ratio Lower Upper  
59 100  
57 10.7 9.0 13.4



#12  
1,1-Dichloroethene  
Concen: 42.267 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 96 Resp: 143027  
Ion Ratio Lower Upper  
96 100  
61 169.1 143.8 215.8  
98 61.7 52.1 78.1

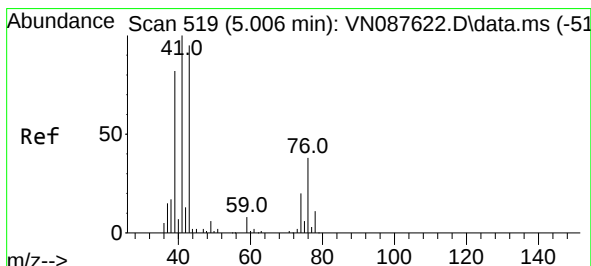
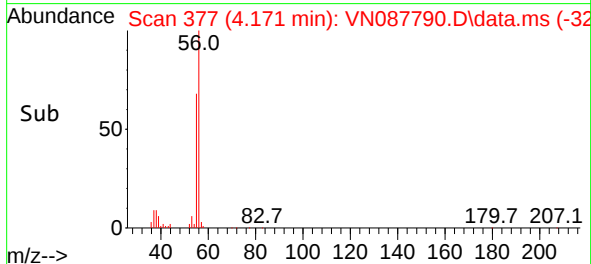
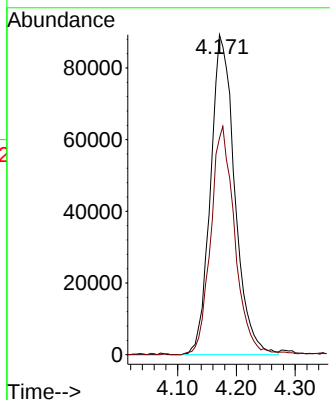
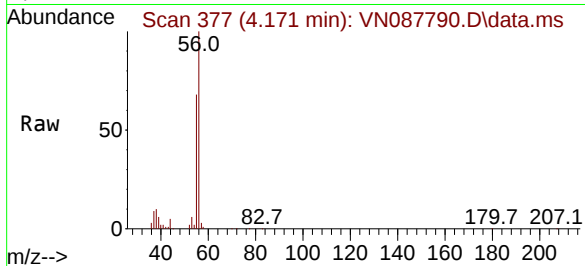




#13  
Acrolein  
Concen: 249.039 ug/l  
RT: 4.171 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

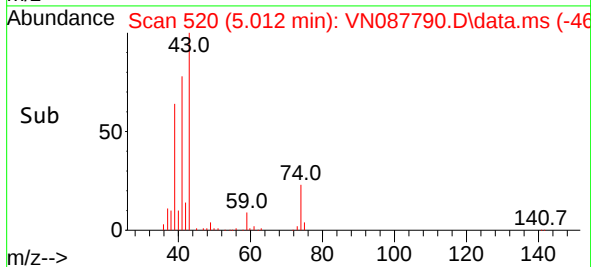
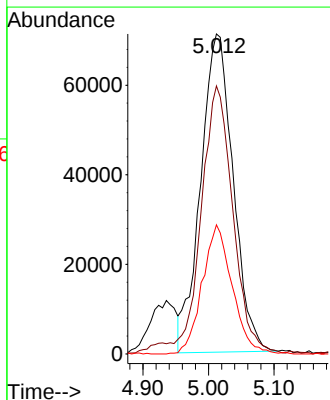
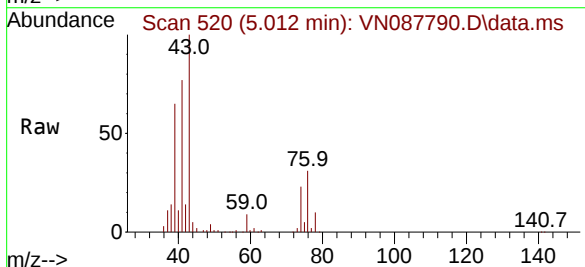
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

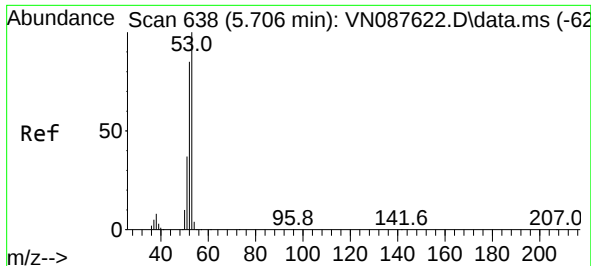
Tgt Ion: 56 Resp: 255597  
Ion Ratio Lower Upper  
56 100  
55 70.9 57.3 85.9



#14  
Allyl chloride  
Concen: 39.872 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. 0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 41 Resp: 244504  
Ion Ratio Lower Upper  
41 100  
39 80.6 63.9 95.9  
76 37.3 28.1 42.1

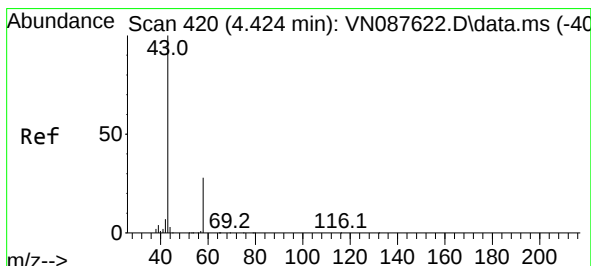
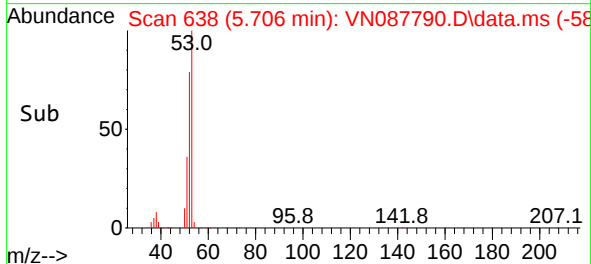
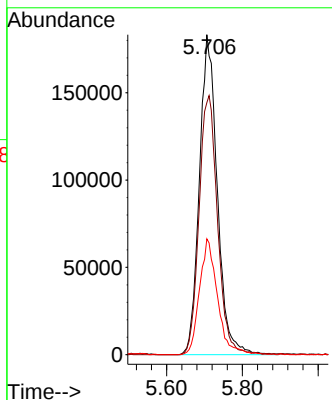
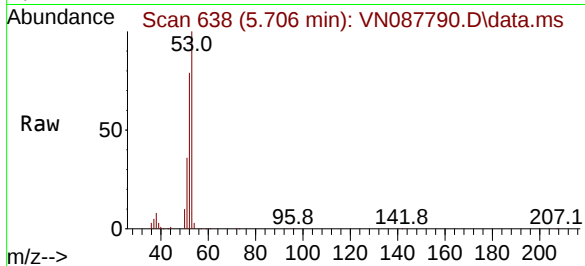




#15  
Acrylonitrile  
Concen: 255.136 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

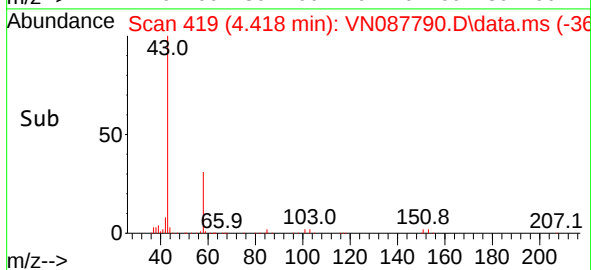
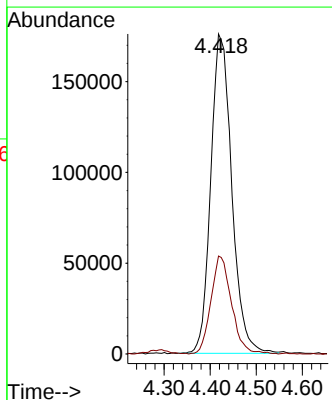
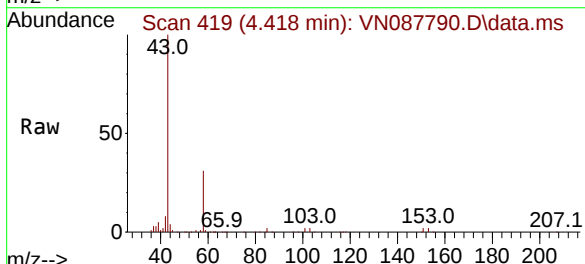
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

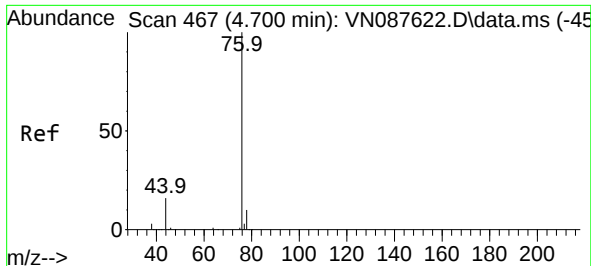
Tgt Ion: 53 Resp: 600709  
Ion Ratio Lower Upper  
53 100  
52 83.6 67.6 101.4  
51 36.5 30.1 45.1



#16  
Acetone  
Concen: 212.523 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 43 Resp: 556348  
Ion Ratio Lower Upper  
43 100  
58 30.7 22.6 33.8

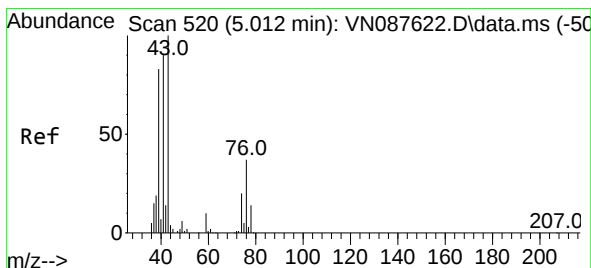
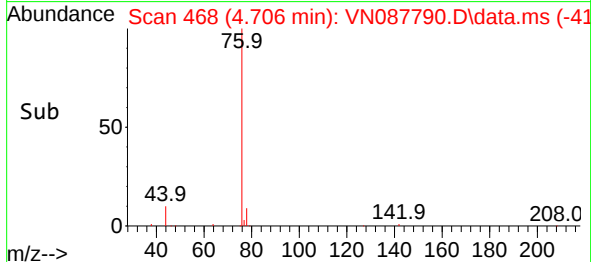
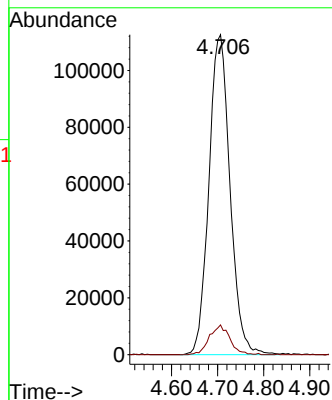
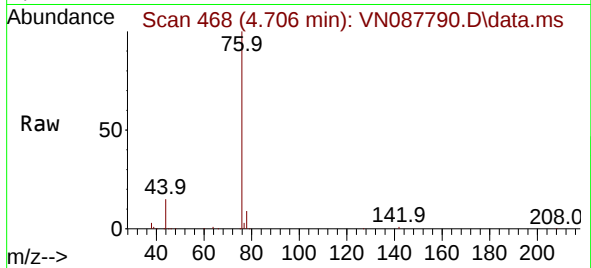




#17  
Carbon Disulfide  
Concen: 38.513 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

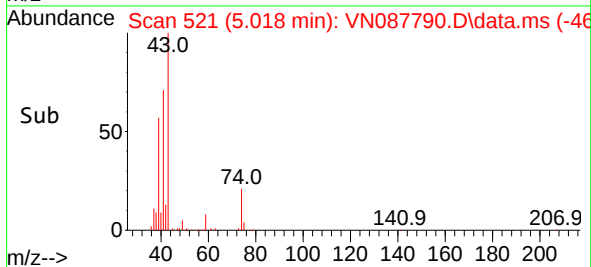
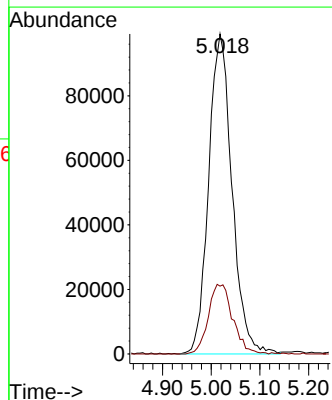
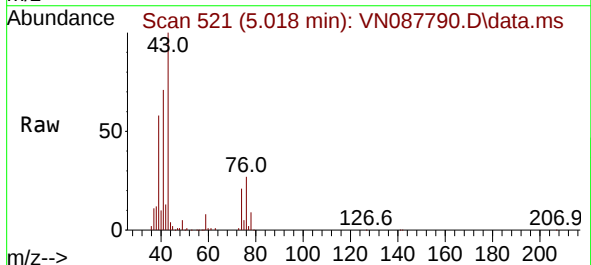
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

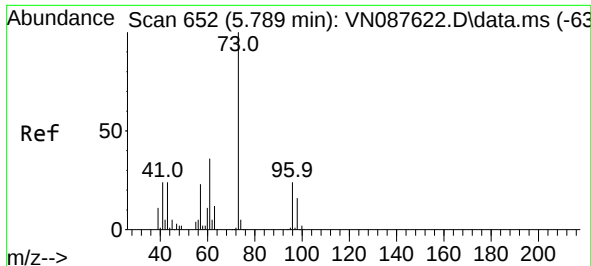
Tgt Ion: 76 Resp: 358786  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.6 11.4



#18  
Methyl Acetate  
Concen: 60.300 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 43 Resp: 330516  
Ion Ratio Lower Upper  
43 100  
74 22.7 17.6 26.4

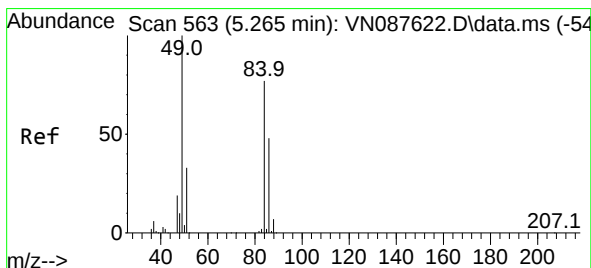
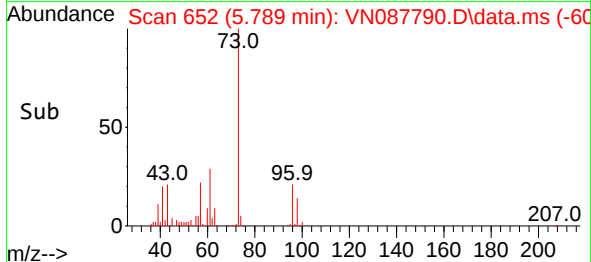
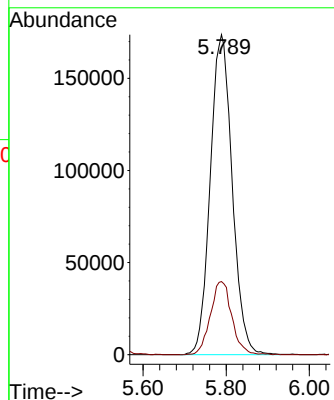
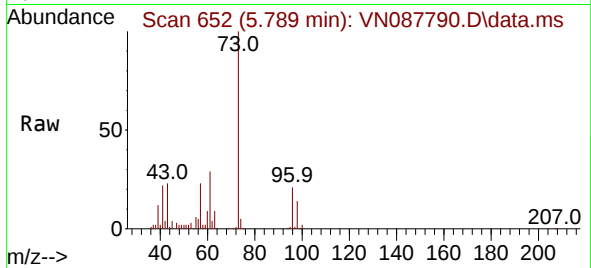




#19  
Methyl tert-butyl Ether  
Concen: 50.123 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

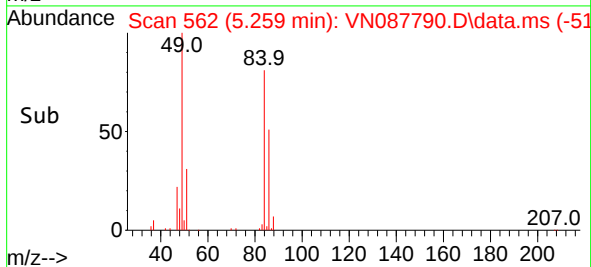
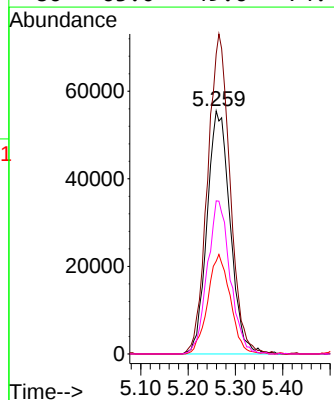
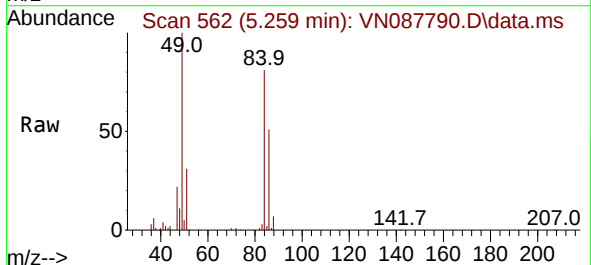
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

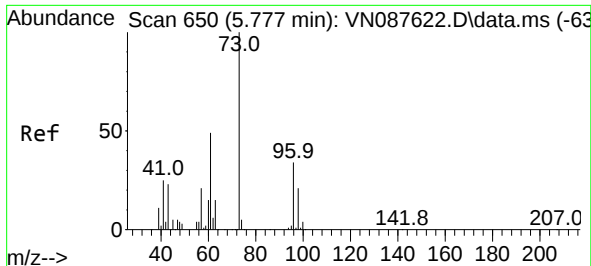
Tgt Ion: 73 Resp: 636285  
Ion Ratio Lower Upper  
73 100  
57 22.9 18.4 27.6



#20  
Methylene Chloride  
Concen: 49.645 ug/l  
RT: 5.259 min Scan# 562  
Delta R.T. -0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 84 Resp: 188014  
Ion Ratio Lower Upper  
84 100  
49 123.5 103.4 155.2  
51 38.2 33.8 50.8  
86 63.0 49.6 74.4

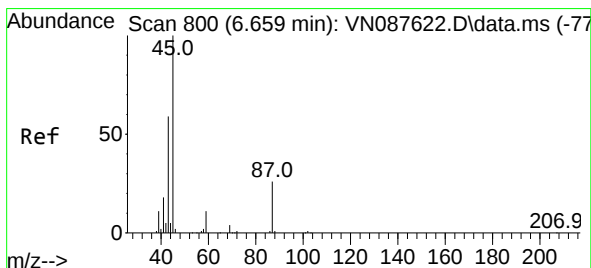
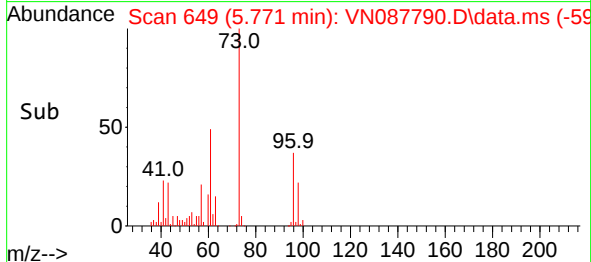
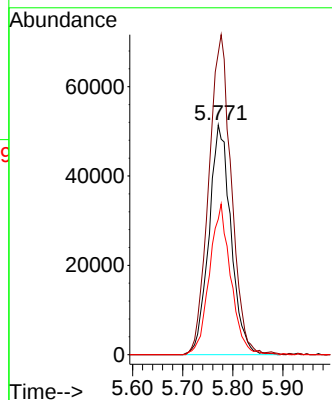
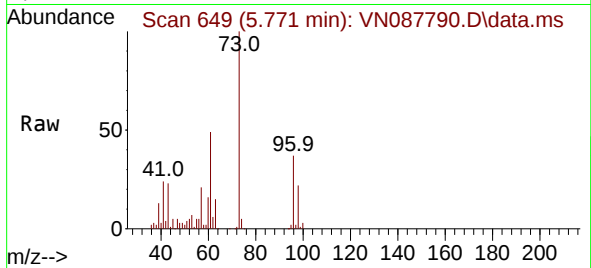




#21  
trans-1,2-Dichloroethene  
Concen: 42.748 ug/l  
RT: 5.771 min Scan# 649  
Delta R.T. -0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

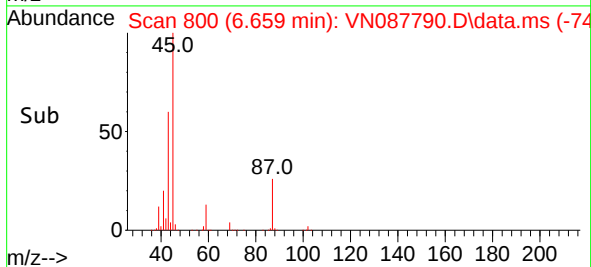
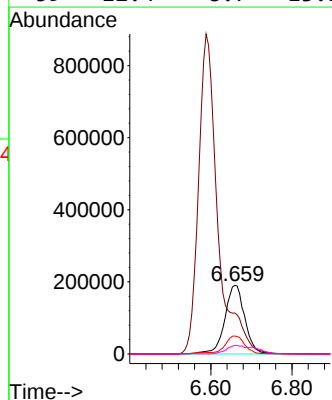
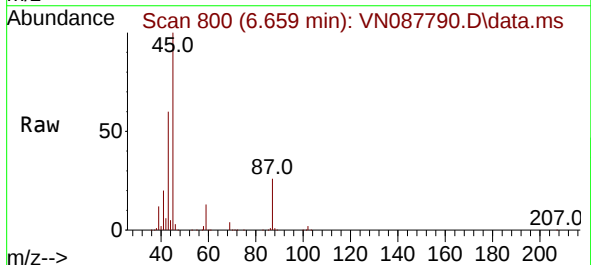
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 96 Resp: 156777  
Ion Ratio Lower Upper  
96 100  
61 131.2 118.0 177.0  
98 59.0 50.0 75.0



#22  
Diisopropyl ether  
Concen: 49.019 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 45 Resp: 648680  
Ion Ratio Lower Upper  
45 100  
43 59.1 47.7 71.5  
87 26.0 21.4 32.0  
59 12.4 8.7 13.1

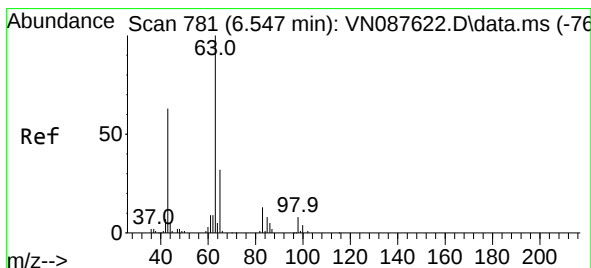
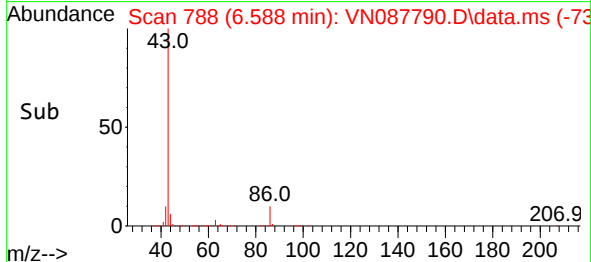
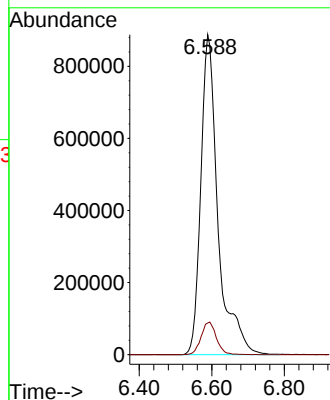
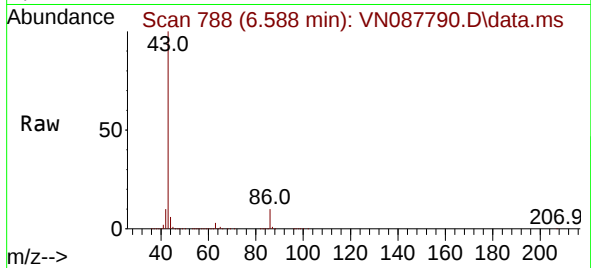




#23  
 Vinyl Acetate  
 Concen: 242.197 ug/l  
 RT: 6.588 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

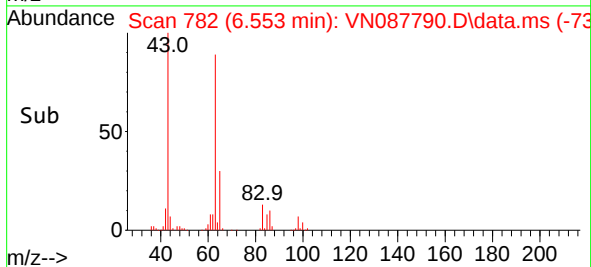
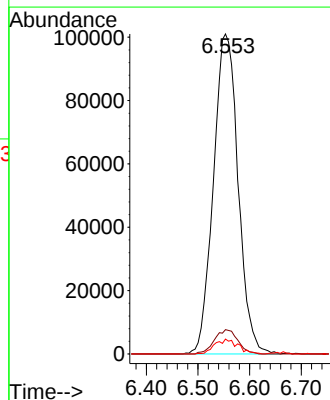
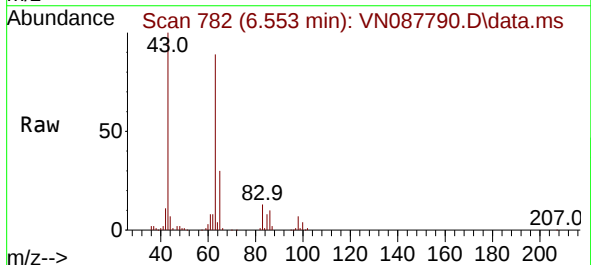
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

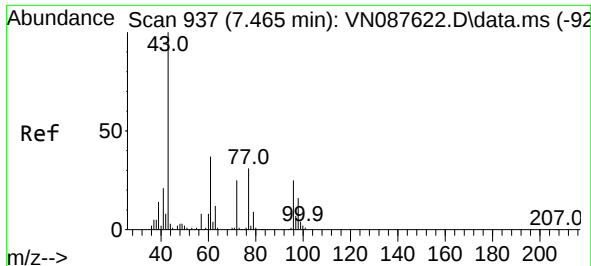
Tgt Ion: 43 Resp: 2915907  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 8.2 12.4



#24  
 1,1-Dichloroethane  
 Concen: 46.231 ug/l  
 RT: 6.553 min Scan# 782  
 Delta R.T. 0.006 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

Tgt Ion: 63 Resp: 335433  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.8 11.4  
 100 4.7 2.0 6.0

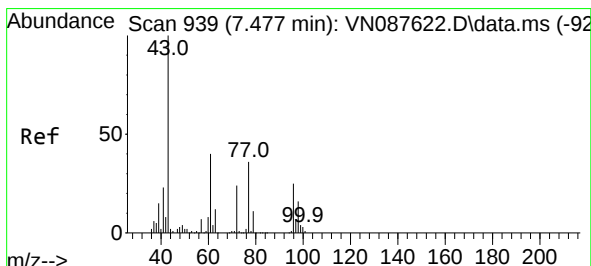
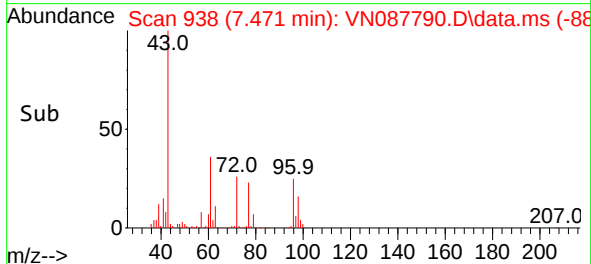
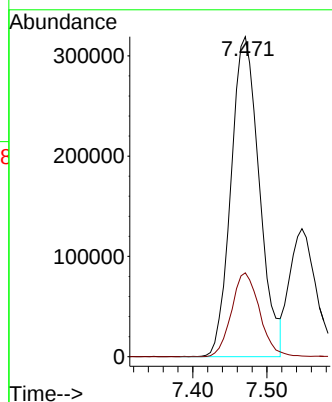
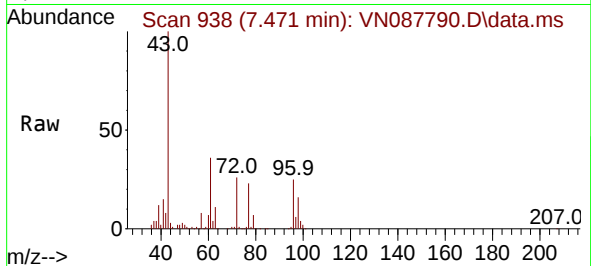




#25  
2-Butanone  
Concen: 246.105 ug/l  
RT: 7.471 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

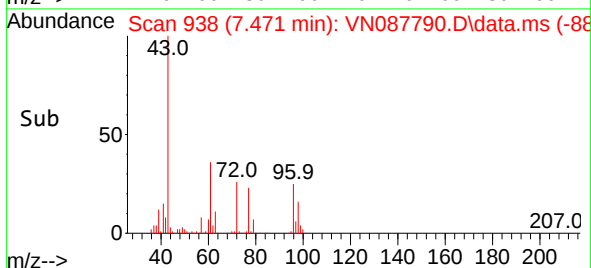
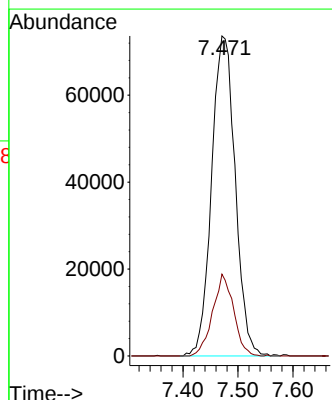
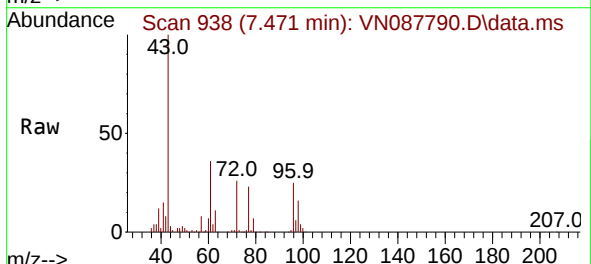
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

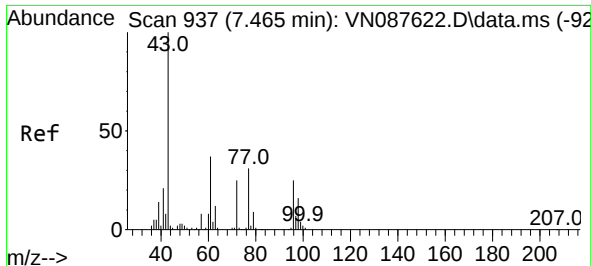
Tgt Ion: 43 Resp: 847605  
Ion Ratio Lower Upper  
43 100  
72 26.2 19.9 29.9



#26  
2,2-Dichloropropane  
Concen: 35.266 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 77 Resp: 219616  
Ion Ratio Lower Upper  
77 100  
97 22.6 10.9 32.7

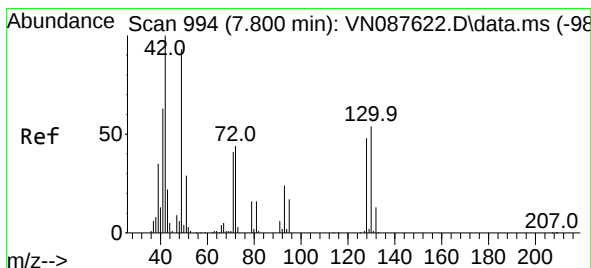
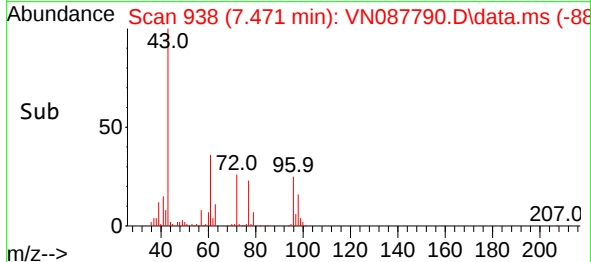
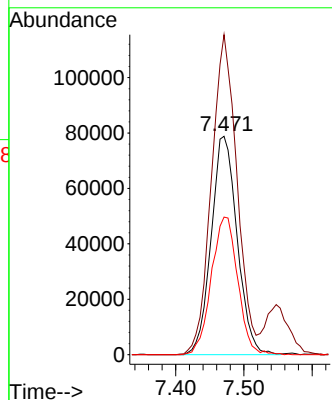
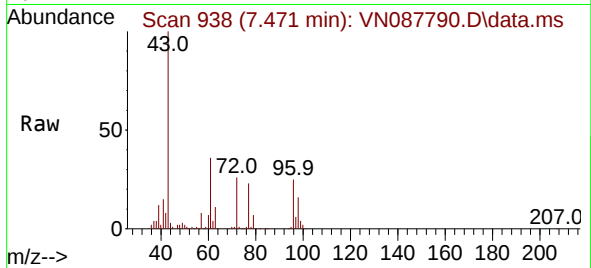




#27  
 cis-1,2-Dichloroethene  
 Concen: 47.664 ug/l  
 RT: 7.471 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

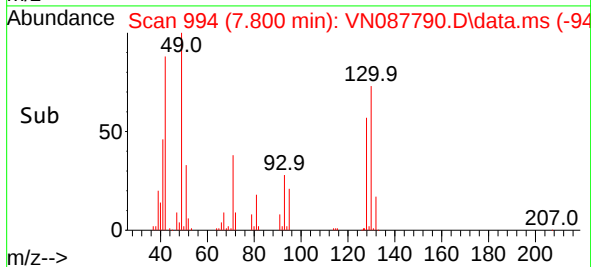
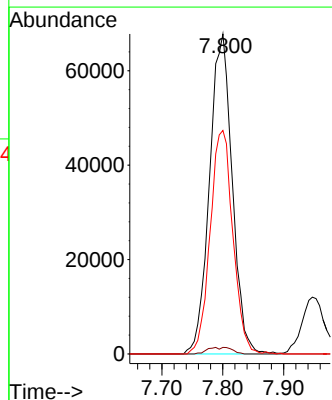
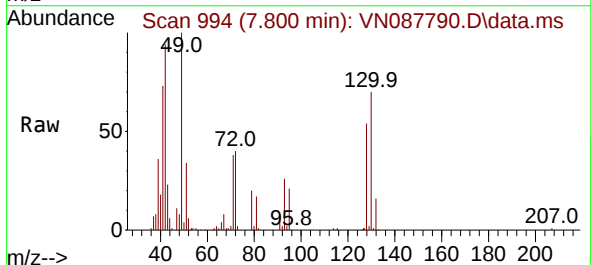
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 96 Resp: 208976  
 Ion Ratio Lower Upper  
 96 100  
 61 143.9 0.0 301.8  
 98 64.1 0.0 126.2



#28  
 Bromochloromethane  
 Concen: 50.093 ug/l  
 RT: 7.800 min Scan# 994  
 Delta R.T. -0.000 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

Tgt Ion: 49 Resp: 175711  
 Ion Ratio Lower Upper  
 49 100  
 129 1.2 0.0 3.0  
 130 69.7 53.1 79.7





#29

Tetrahydrofuran

Concen: 251.697 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

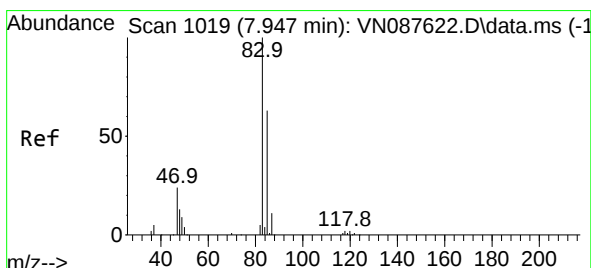
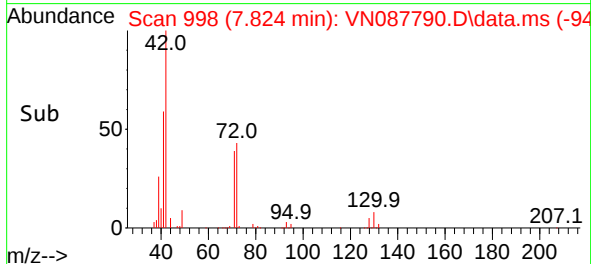
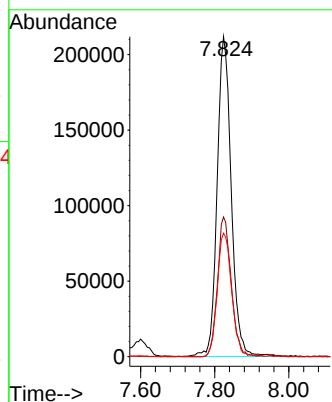
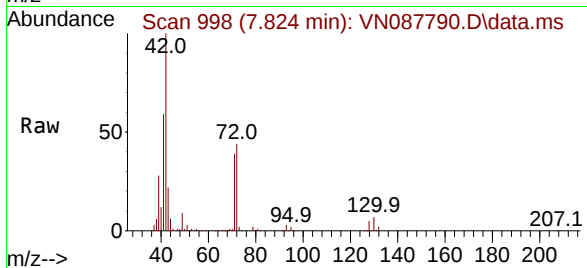
Tgt Ion: 42 Resp: 557876

Ion Ratio Lower Upper

42 100

72 42.6 33.7 50.5

71 39.5 31.9 47.9



#30

Chloroform

Concen: 48.561 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087790.D

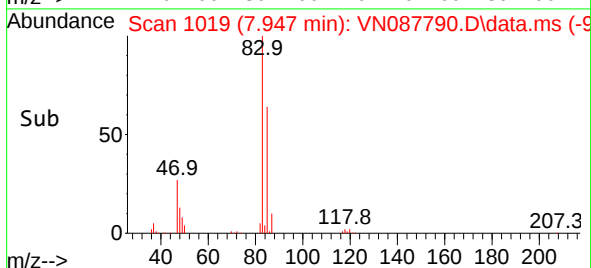
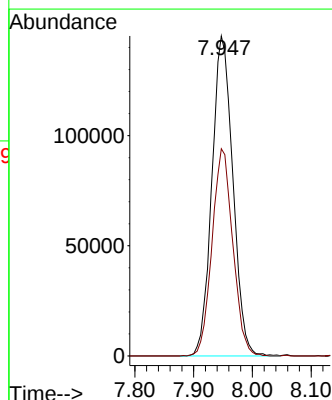
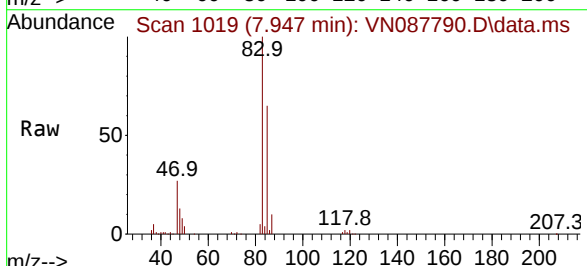
Acq: 10 Sep 2025 18:35

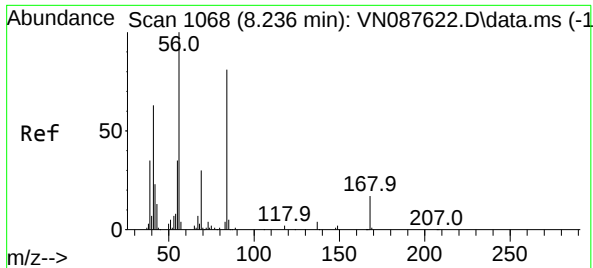
Tgt Ion: 83 Resp: 359632

Ion Ratio Lower Upper

83 100

85 64.8 50.7 76.1

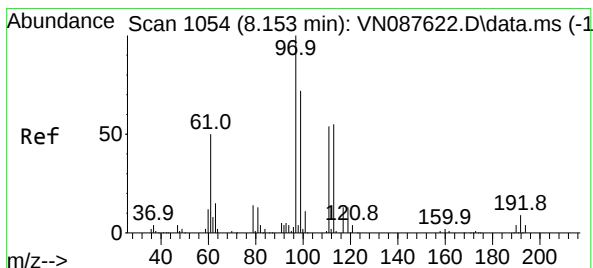
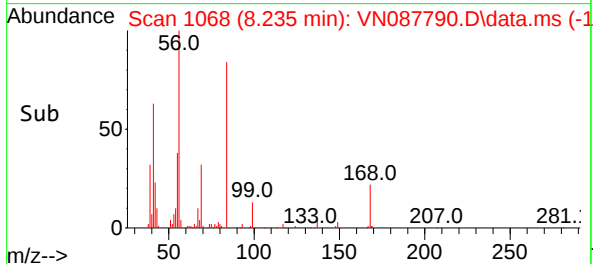
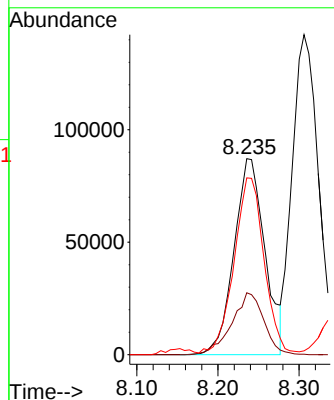
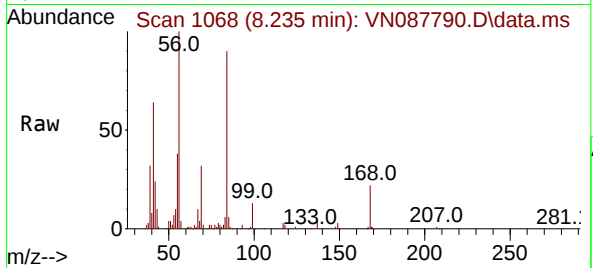




#31  
Cyclohexane  
Concen: 38.018 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

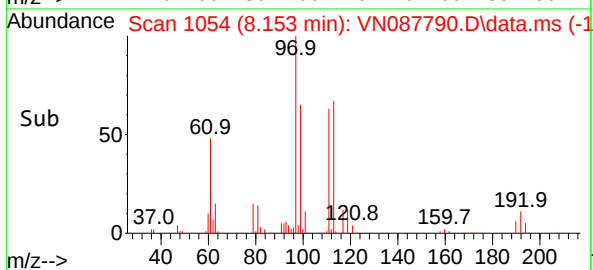
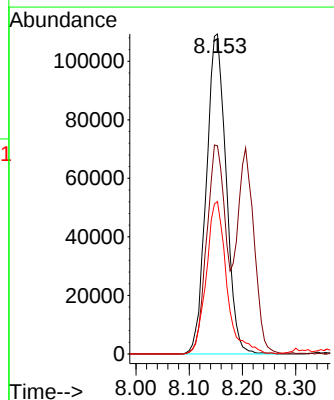
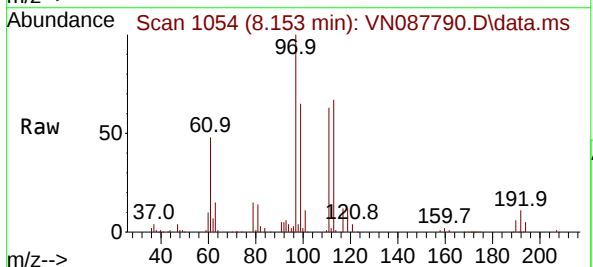
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

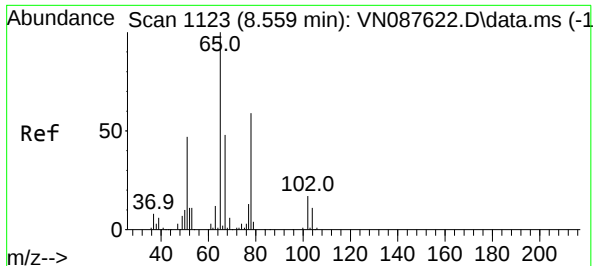
Tgt Ion: 56 Resp: 229961  
Ion Ratio Lower Upper  
56 100  
69 31.6 23.7 35.5  
84 87.1 64.7 97.1



#32  
1,1,1-Trichloroethane  
Concen: 44.866 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 97 Resp: 281586  
Ion Ratio Lower Upper  
97 100  
99 62.1 52.2 78.2  
61 49.3 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 49.551 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Instrument :

MSVOA\_N

ClientSampleId :

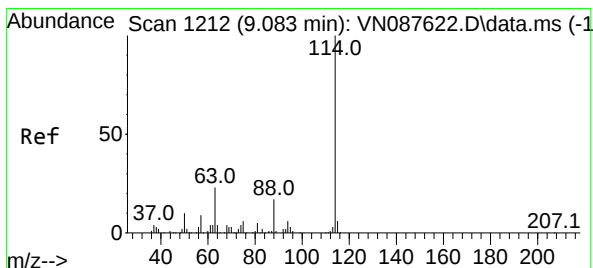
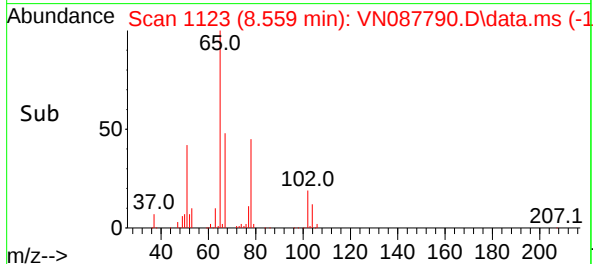
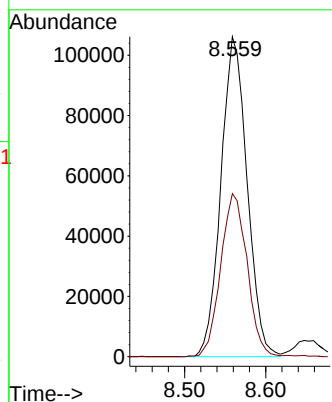
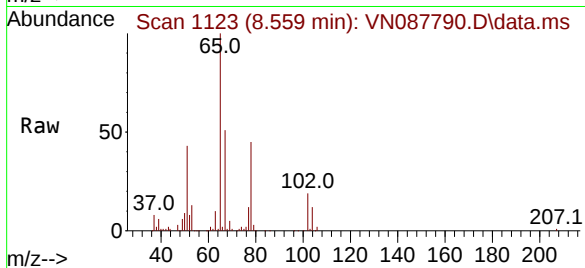
VSTDCCC050EC

Tgt Ion: 65 Resp: 238288

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

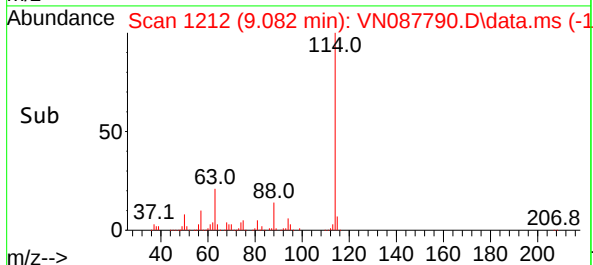
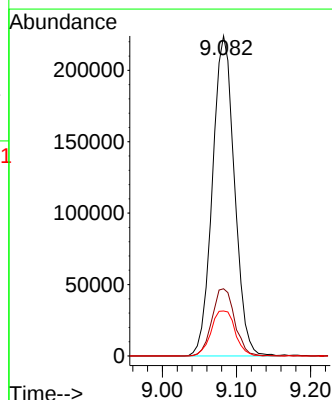
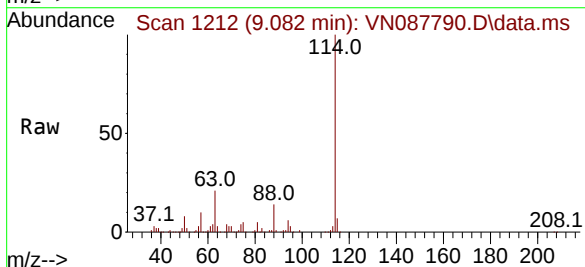
Tgt Ion: 114 Resp: 461225

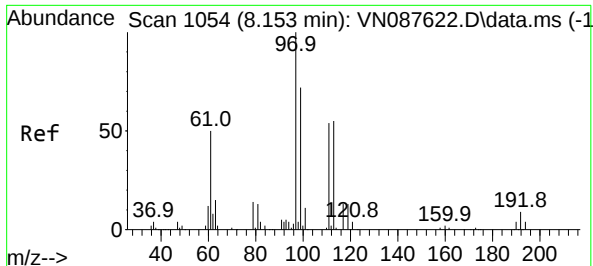
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.2

88 14.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.336 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

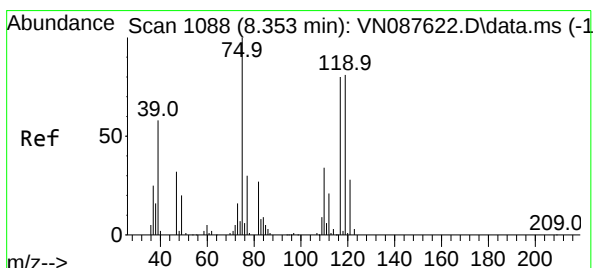
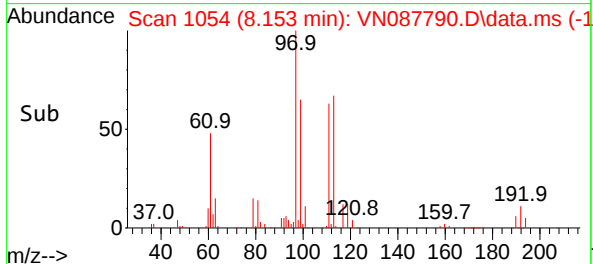
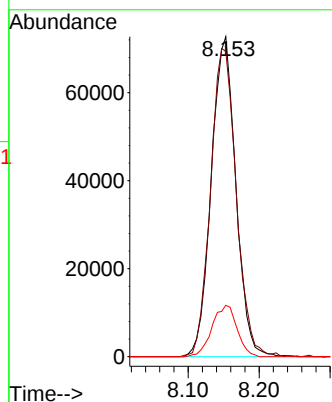
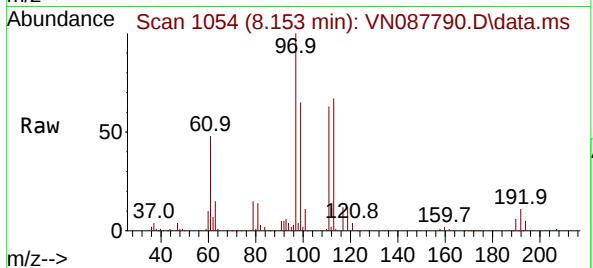
Tgt Ion:113 Resp: 174280

Ion Ratio Lower Upper

113 100

111 100.5 82.8 124.2

192 16.4 12.8 19.2



#36

1,1-Dichloropropene

Concen: 40.710 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

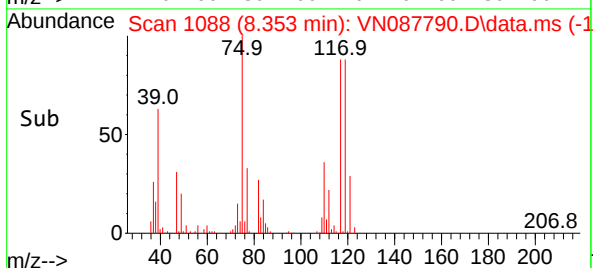
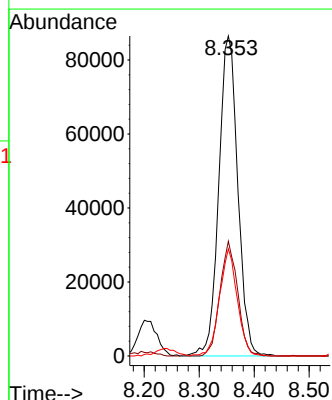
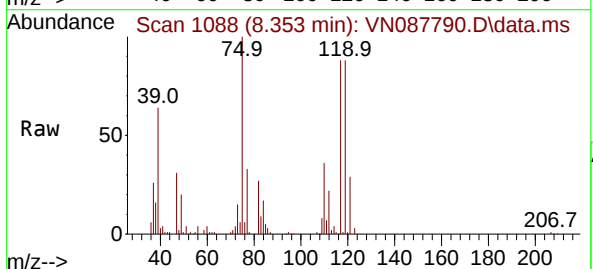
Tgt Ion: 75 Resp: 207975

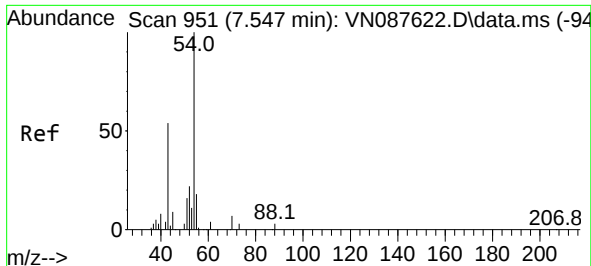
Ion Ratio Lower Upper

75 100

110 33.4 15.9 47.6

77 31.4 24.4 36.6

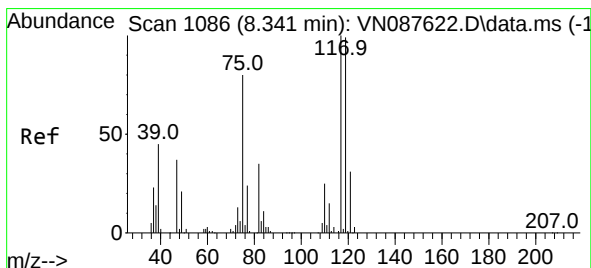
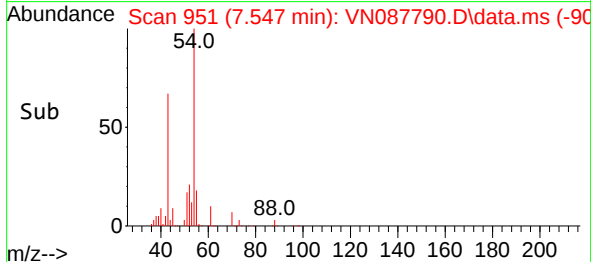
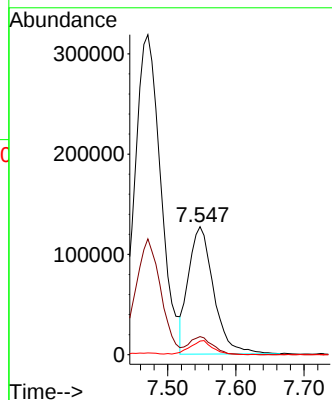
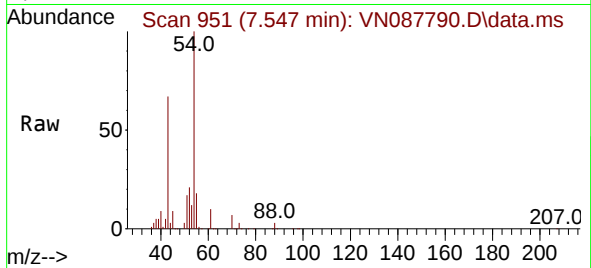




#37  
Ethyl Acetate  
Concen: 46.574 ug/l  
RT: 7.547 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

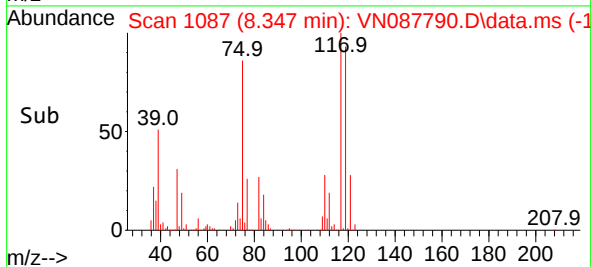
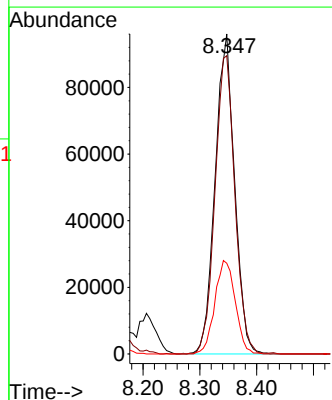
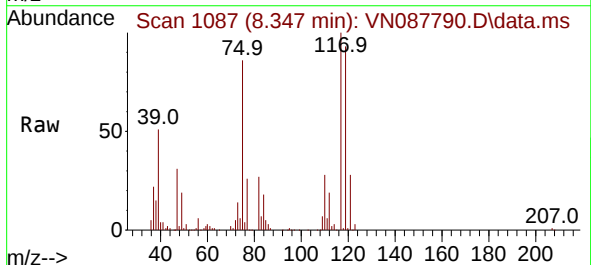
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

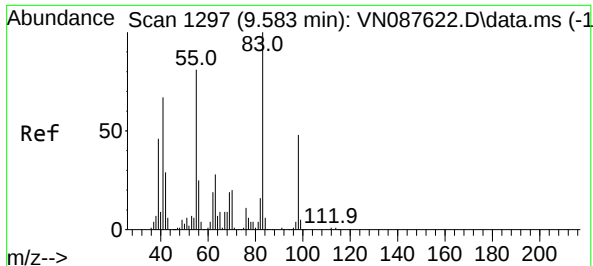
Tgt Ion: 43 Resp: 325131  
Ion Ratio Lower Upper  
43 100  
61 13.5 9.3 13.9  
70 10.2 7.0 10.6



#38  
Carbon Tetrachloride  
Concen: 45.277 ug/l  
RT: 8.347 min Scan# 1087  
Delta R.T. 0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 117 Resp: 228375  
Ion Ratio Lower Upper  
117 100  
119 93.2 79.0 118.6  
121 28.4 25.0 37.6





#39

Methylcyclohexane

Concen: 39.135 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

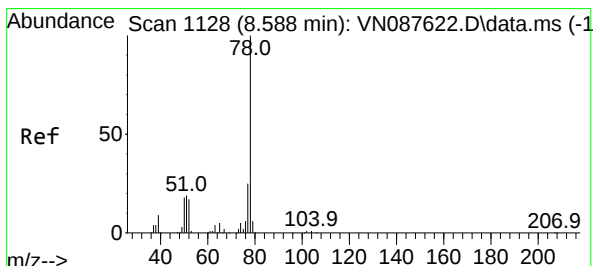
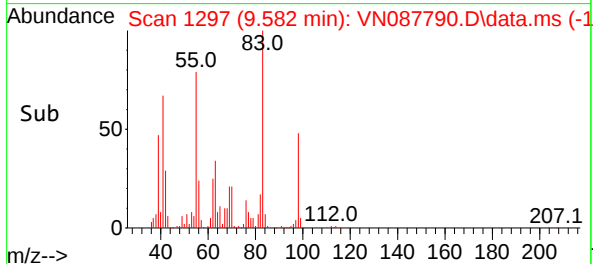
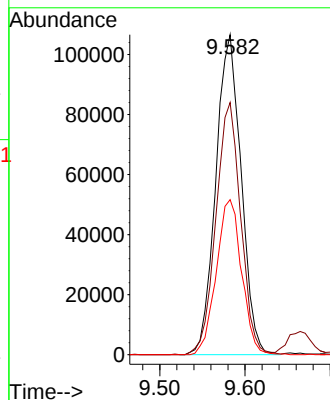
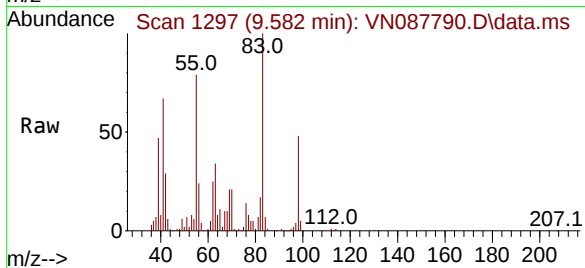
Tgt Ion: 83 Resp: 220112

Ion Ratio Lower Upper

83 100

55 78.8 64.6 96.8

98 48.5 38.4 57.6



#40

Benzene

Concen: 45.755 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087790.D

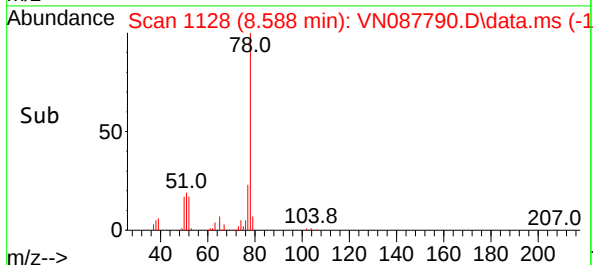
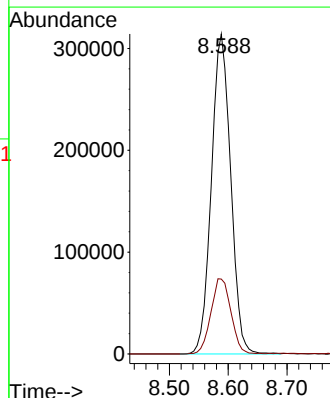
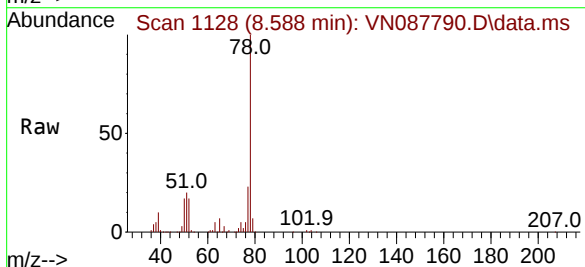
Acq: 10 Sep 2025 18:35

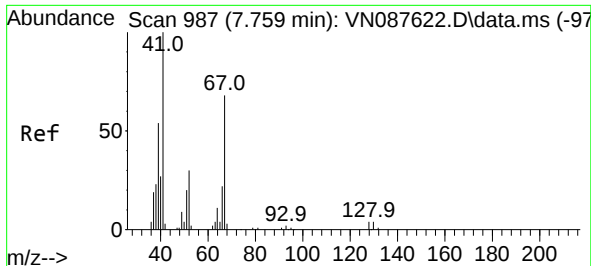
Tgt Ion: 78 Resp: 716938

Ion Ratio Lower Upper

78 100

77 23.4 19.7 29.5

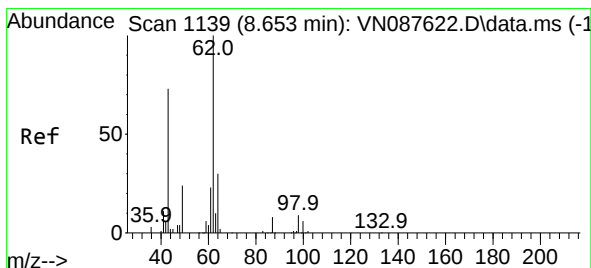
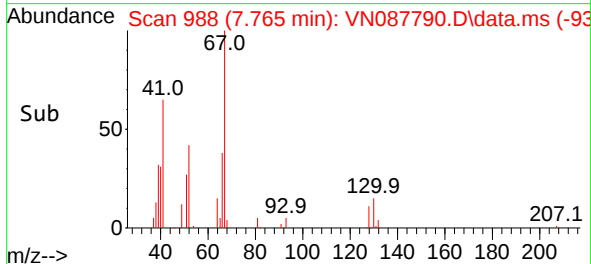
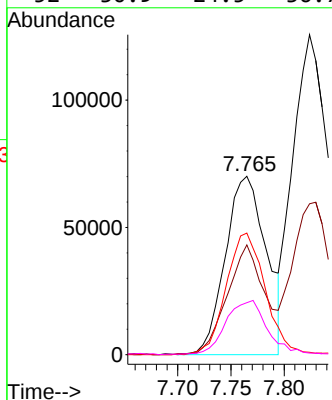
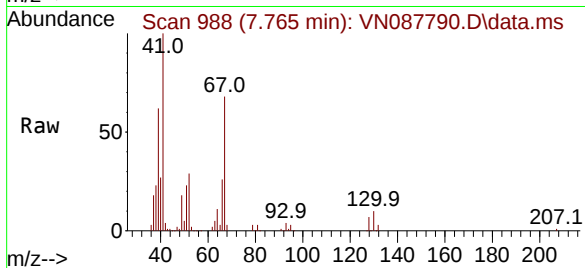




#41  
Methacrylonitrile  
Concen: 51.884 ug/l  
RT: 7.765 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

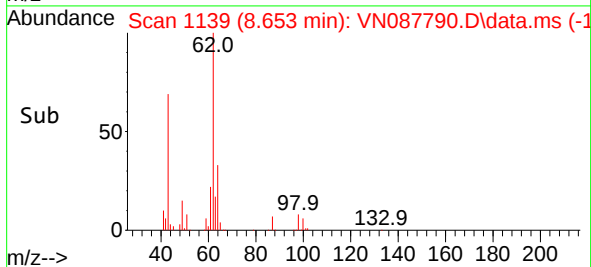
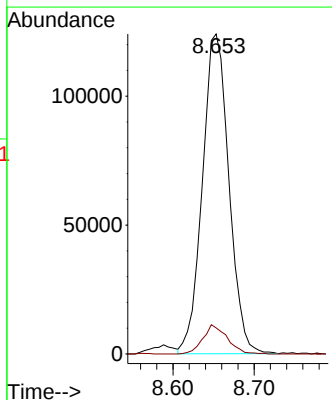
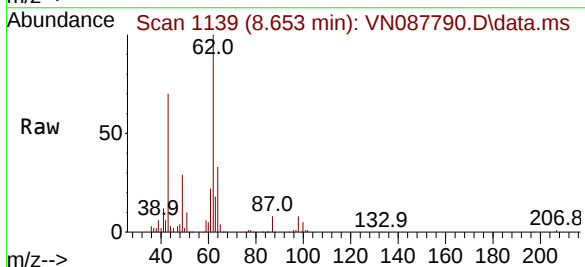
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

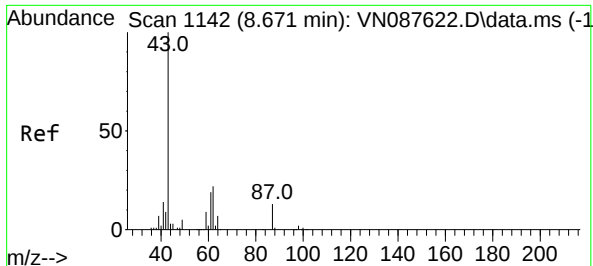
Tgt Ion: 41 Resp: 187620  
Ion Ratio Lower Upper  
41 100  
39 56.7 45.4 68.0  
67 65.4 55.3 82.9  
52 30.9 24.5 36.7



#42  
1,2-Dichloroethane  
Concen: 46.809 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 62 Resp: 281851  
Ion Ratio Lower Upper  
62 100  
98 8.4 0.0 17.4

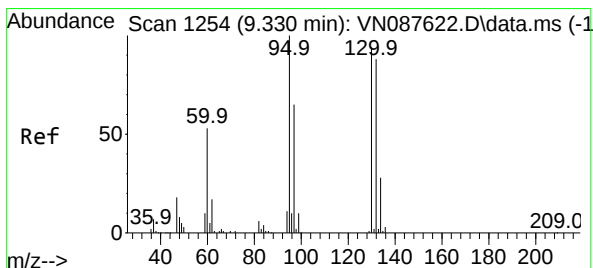
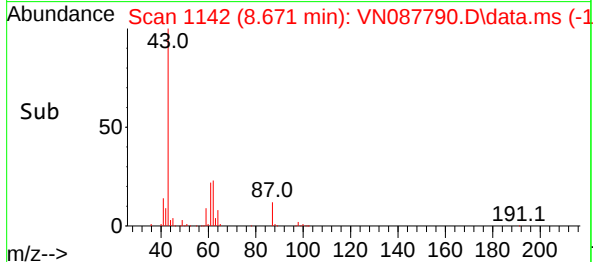
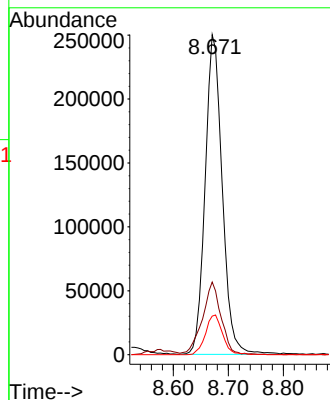
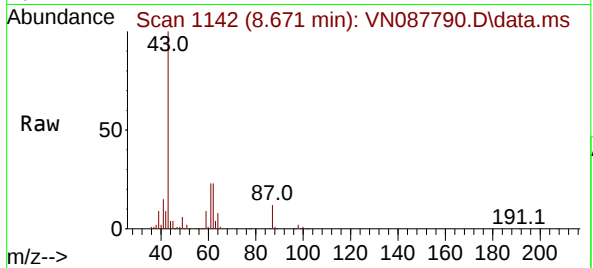




#43  
Isopropyl Acetate  
Concen: 49.555 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

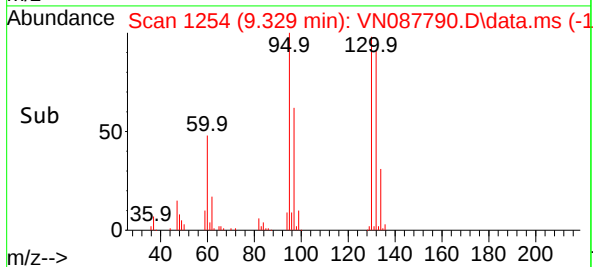
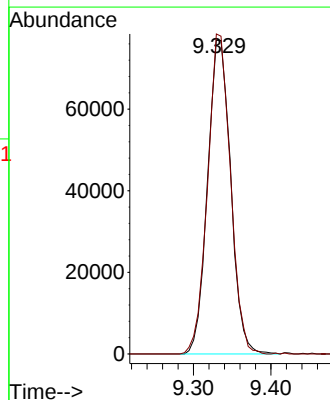
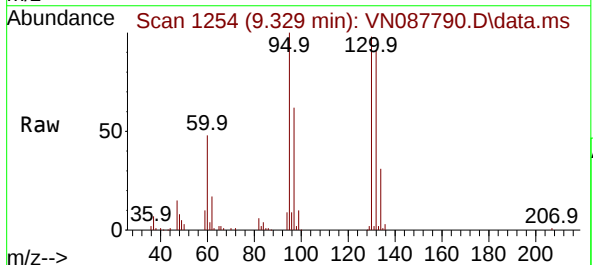
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

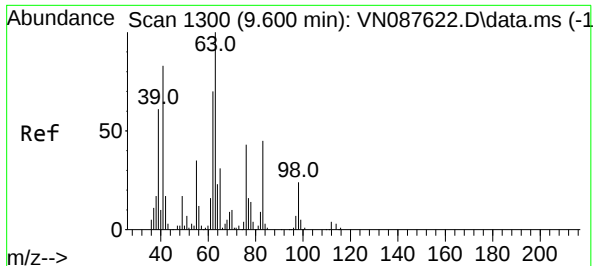
Tgt Ion: 43 Resp: 540105  
Ion Ratio Lower Upper  
43 100  
61 24.6 18.8 28.2  
87 12.5 9.6 14.4



#44  
Trichloroethene  
Concen: 44.594 ug/l  
RT: 9.329 min Scan# 1254  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion:130 Resp: 159530  
Ion Ratio Lower Upper  
130 100  
95 102.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 46.772 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Instrument :

MSVOA\_N

ClientSampleId :

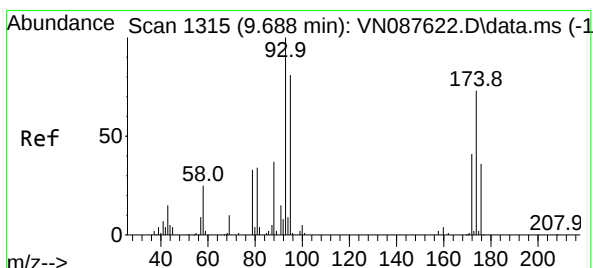
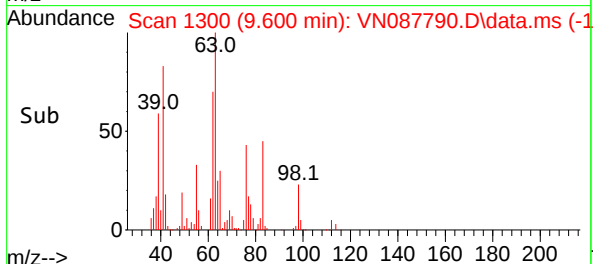
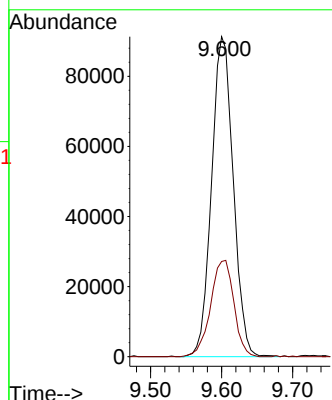
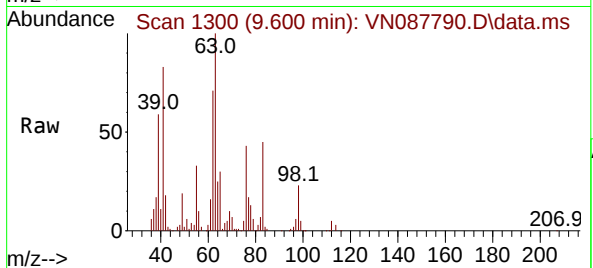
VSTDCCC050EC

Tgt Ion: 63 Resp: 193179

Ion Ratio Lower Upper

63 100

65 29.7 25.0 37.4



#46

Dibromomethane

Concen: 49.967 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

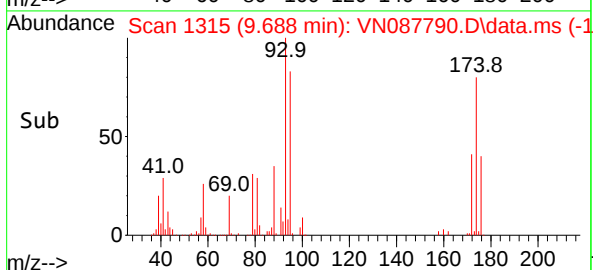
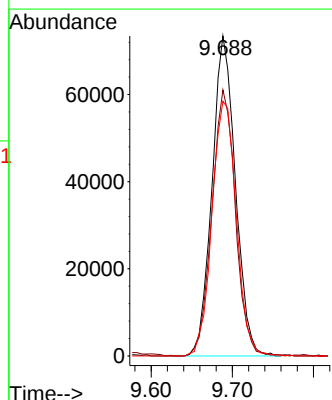
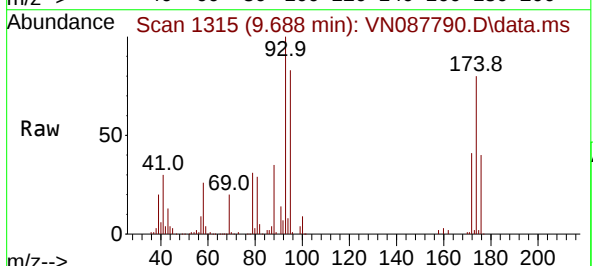
Tgt Ion: 93 Resp: 146860

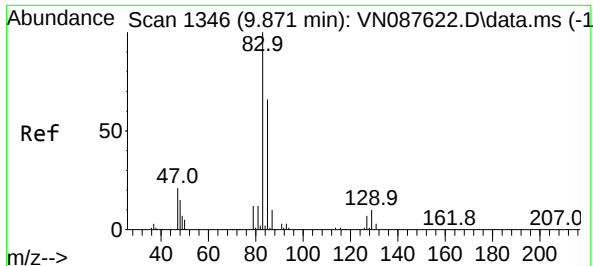
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 83.0 63.4 95.2





#47

Bromodichloromethane

Concen: 49.012 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

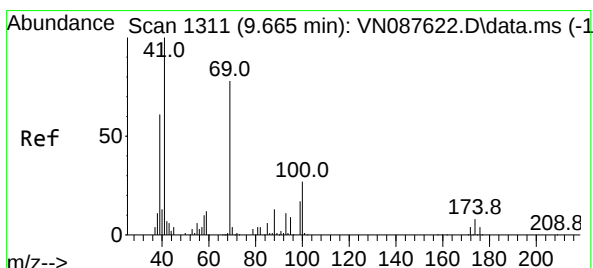
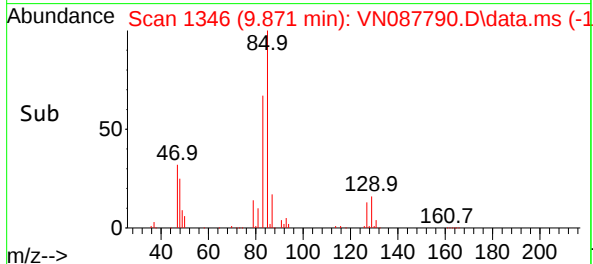
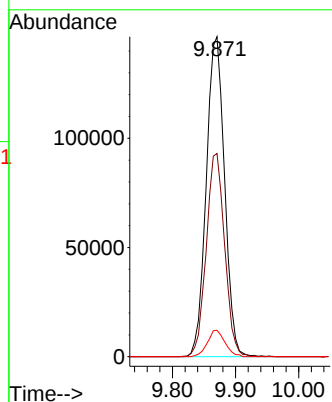
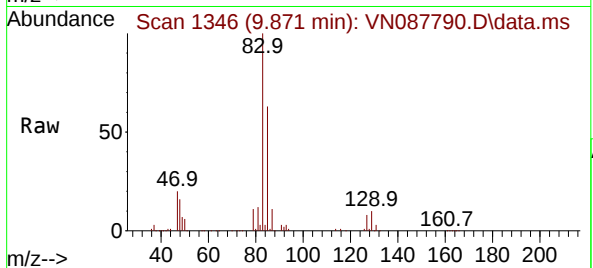
Tgt Ion: 83 Resp: 295230

Ion Ratio Lower Upper

83 100

85 63.5 52.5 78.7

127 8.3 5.8 8.6



#48

Methyl methacrylate

Concen: 49.333 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

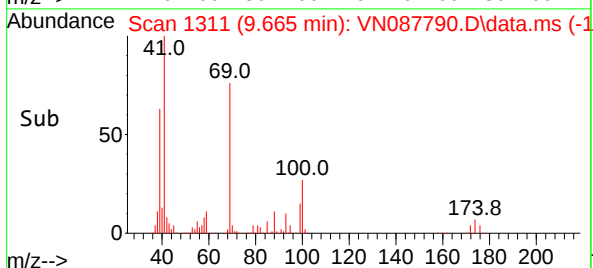
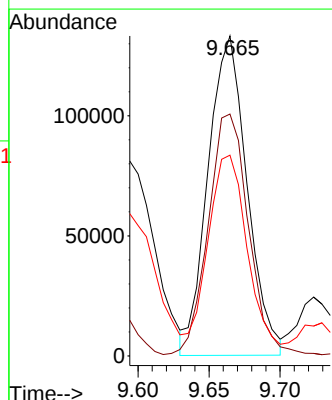
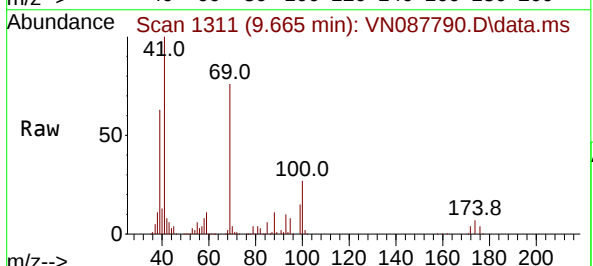
Tgt Ion: 41 Resp: 254329

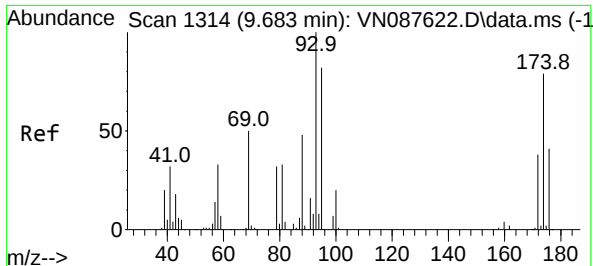
Ion Ratio Lower Upper

41 100

69 79.0 62.7 94.1

39 64.3 52.9 79.3





#49

1,4-Dioxane

Concen: 1065.267 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

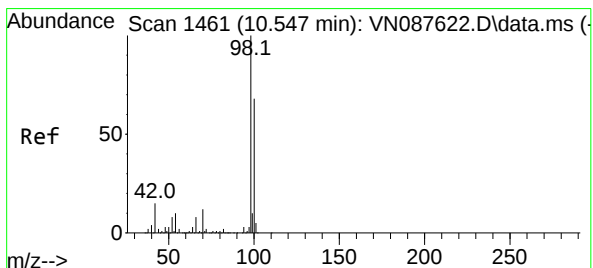
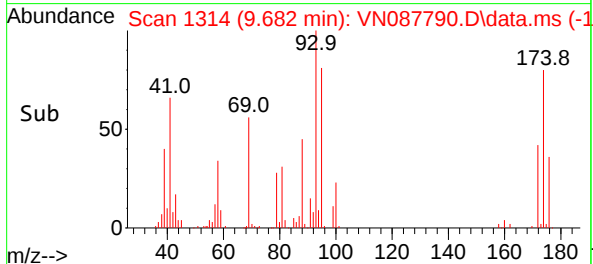
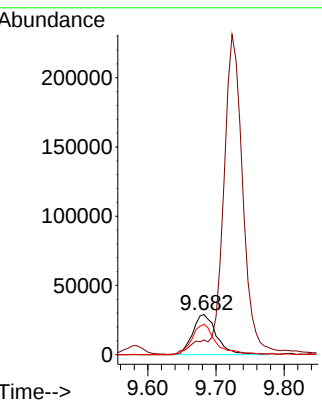
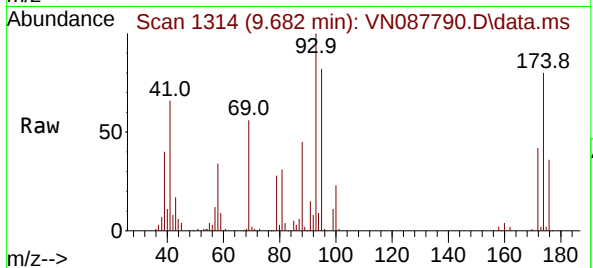
Tgt Ion: 88 Resp: 71181

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.6 57.9 86.9



#50

Toluene-d8

Concen: 46.299 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087790.D

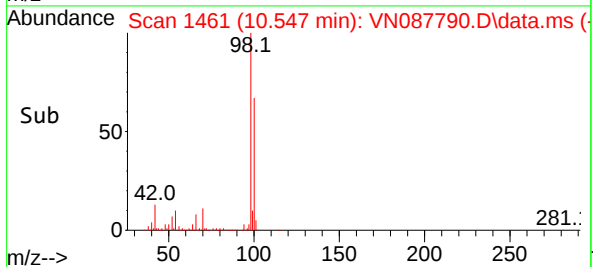
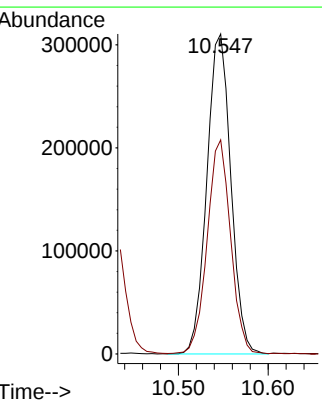
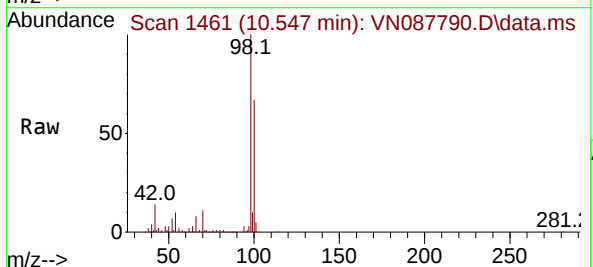
Acq: 10 Sep 2025 18:35

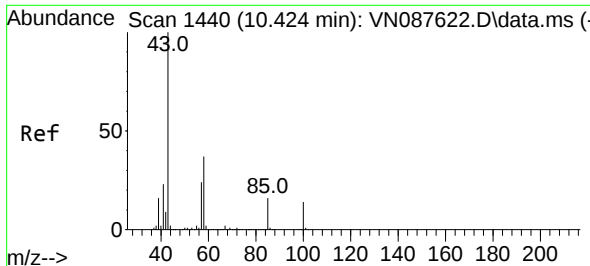
Tgt Ion: 98 Resp: 577060

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2

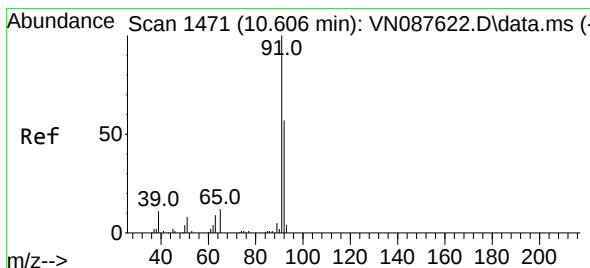
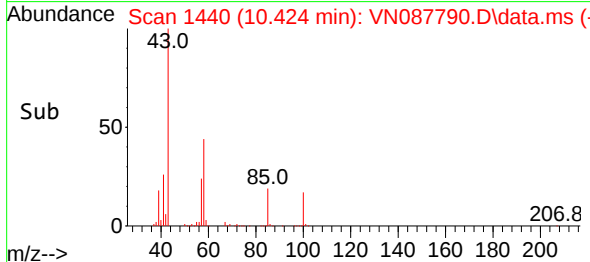
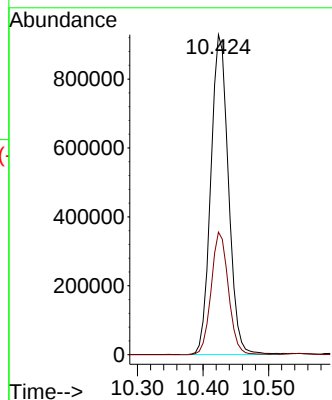
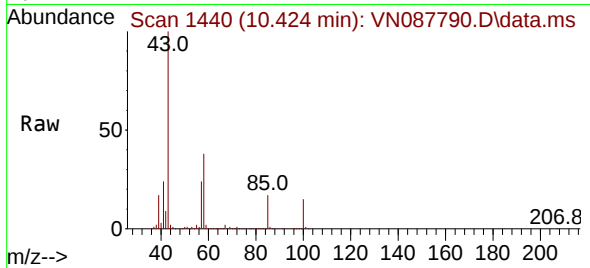




#51  
4-Methyl-2-Pentanone  
Concen: 263.761 ug/l  
RT: 10.424 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

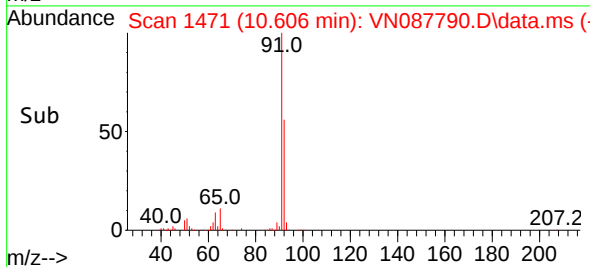
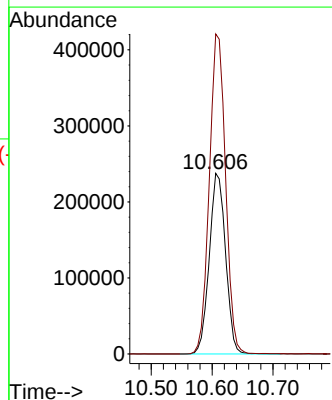
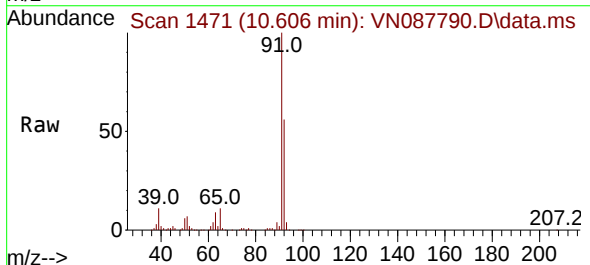
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

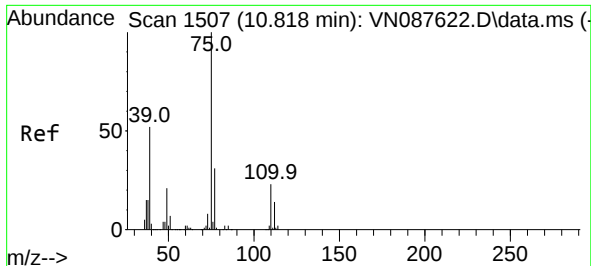
Tgt Ion: 43 Resp: 1734451  
Ion Ratio Lower Upper  
43 100  
58 37.4 29.6 44.4



#52  
Toluene  
Concen: 45.428 ug/l  
RT: 10.606 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 92 Resp: 441283  
Ion Ratio Lower Upper  
92 100  
91 176.4 140.4 210.6

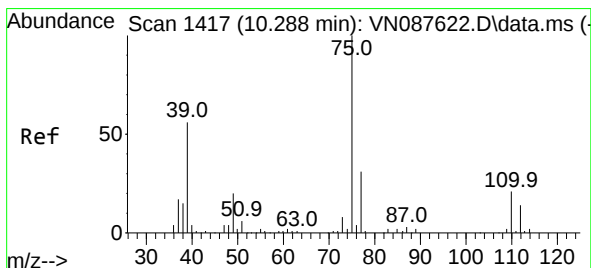
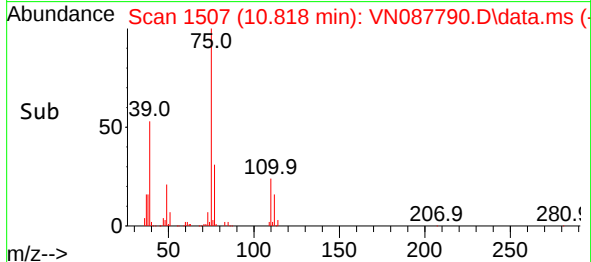
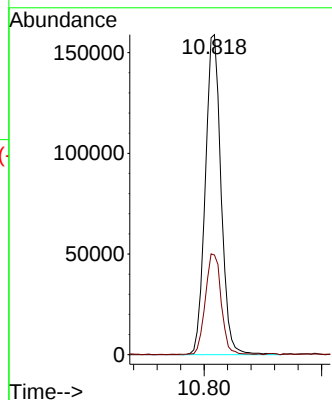
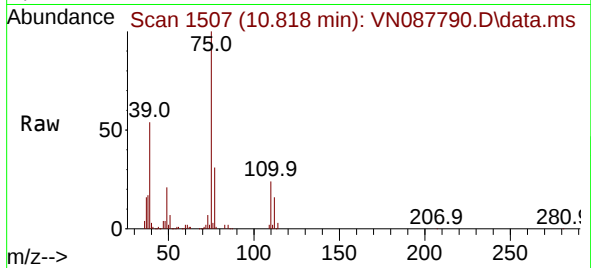




#53  
t-1,3-Dichloropropene  
Concen: 47.284 ug/l  
RT: 10.818 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

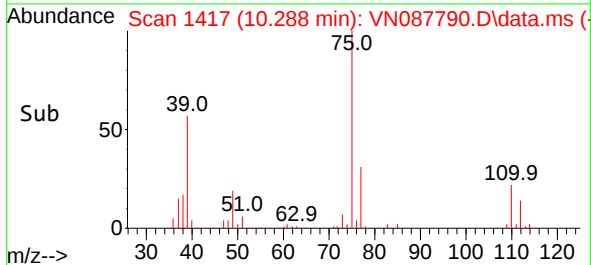
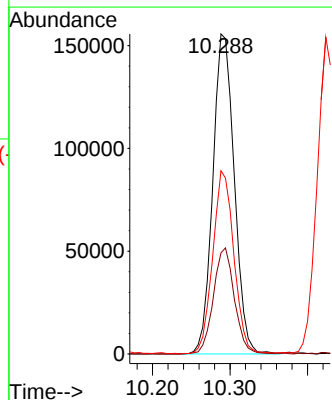
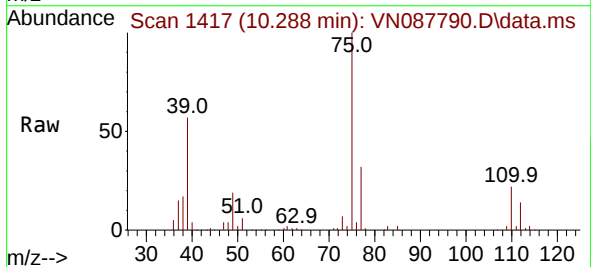
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

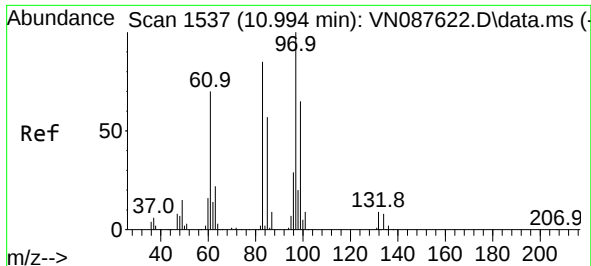
Tgt Ion: 75 Resp: 294821  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.2 37.8



#54  
cis-1,3-Dichloropropene  
Concen: 46.262 ug/l  
RT: 10.288 min Scan# 1417  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 75 Resp: 299501  
Ion Ratio Lower Upper  
75 100  
77 31.6 24.6 37.0  
39 57.2 45.2 67.8

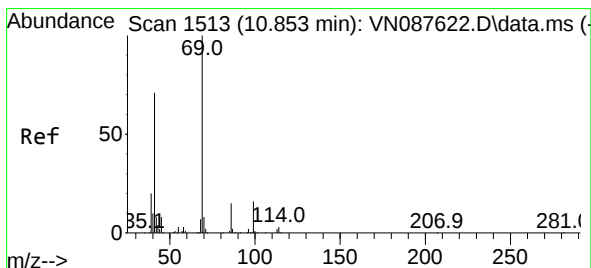
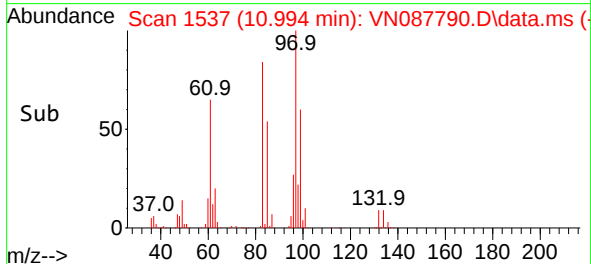
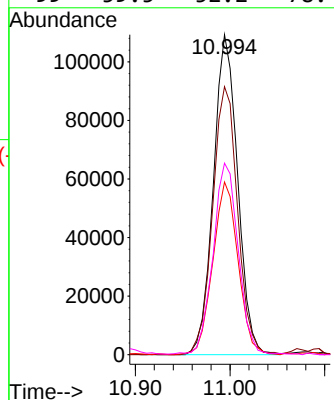
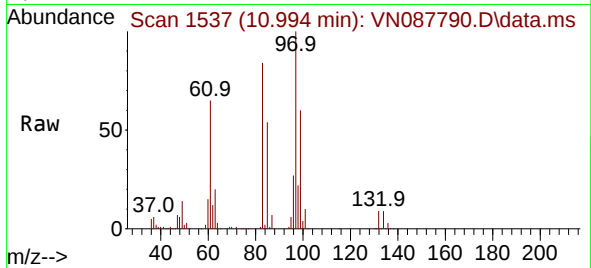




#55  
1,1,2-Trichloroethane  
Concen: 51.717 ug/l  
RT: 10.994 min Scan# 1537  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

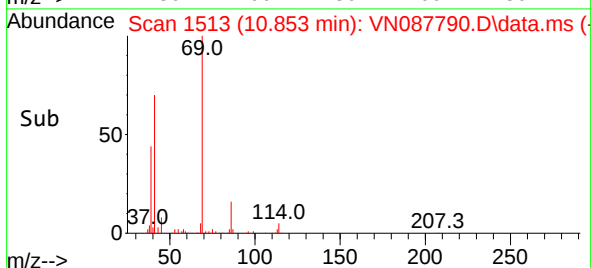
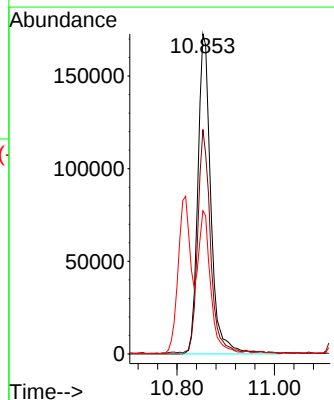
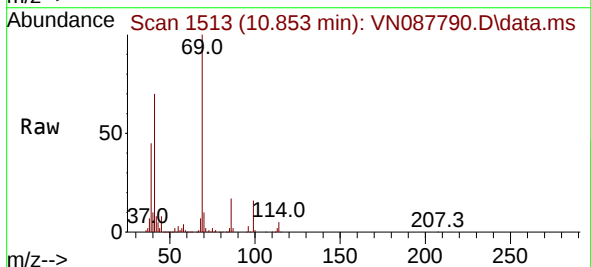
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 194341 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.8  | 68.2  | 102.4  |
| 85       | 54.0  | 45.5  | 68.3   |
| 99       | 59.5  | 52.2  | 78.4   |



#56  
Ethyl methacrylate  
Concen: 53.680 ug/l  
RT: 10.853 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 322373 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.6  | 56.5  | 84.7   |
| 39       | 41.6  | 34.2  | 51.4   |

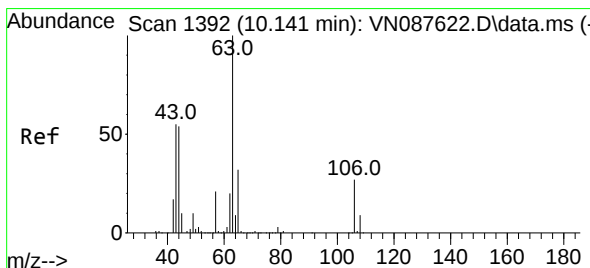
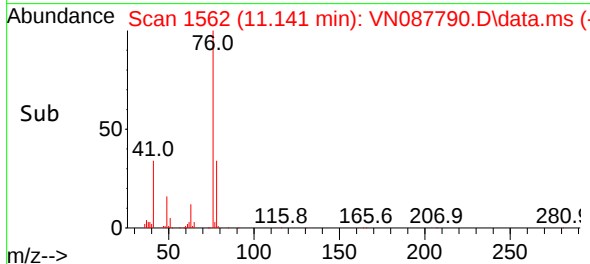
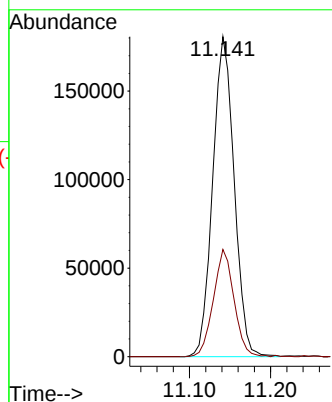
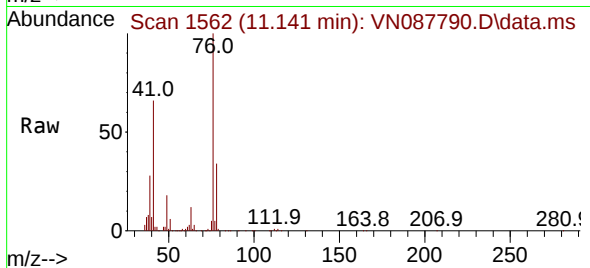




#57  
1,3-Dichloropropane  
Concen: 49.965 ug/l  
RT: 11.141 min Scan# 1562  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

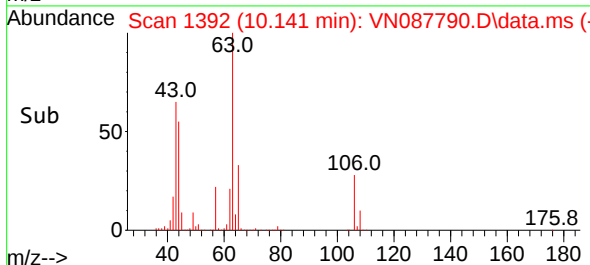
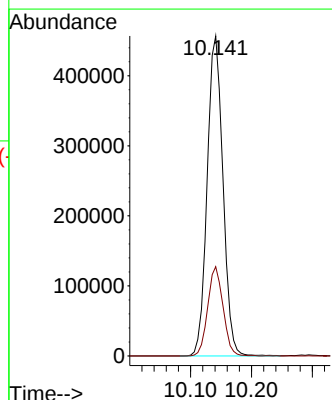
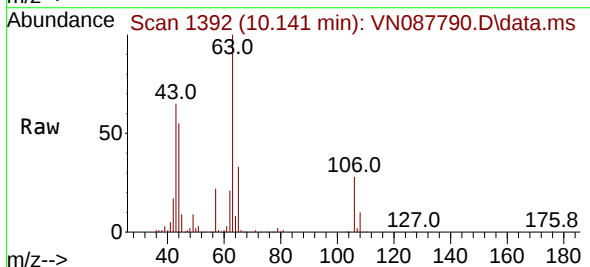
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

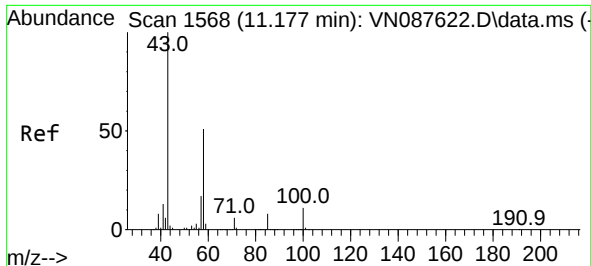
Tgt Ion: 76 Resp: 332288  
Ion Ratio Lower Upper  
76 100  
78 32.1 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 252.970 ug/l  
RT: 10.141 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 63 Resp: 822266  
Ion Ratio Lower Upper  
63 100  
106 27.1 21.1 31.7

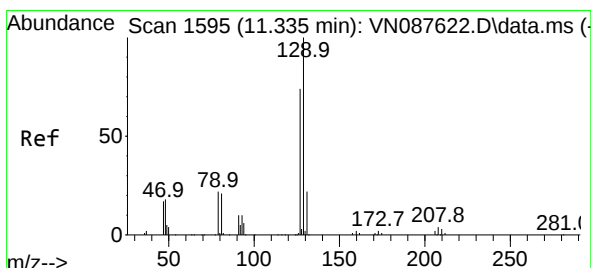
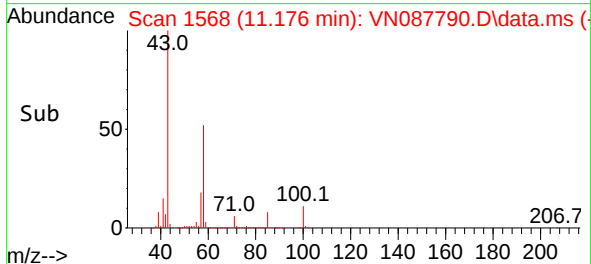
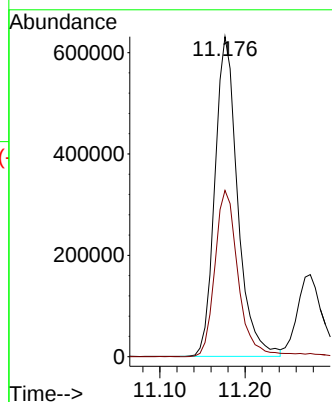
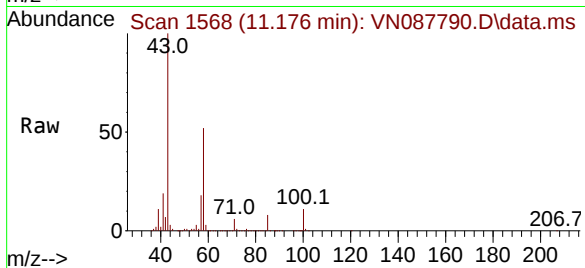




#59  
2-Hexanone  
Concen: 281.446 ug/l  
RT: 11.176 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

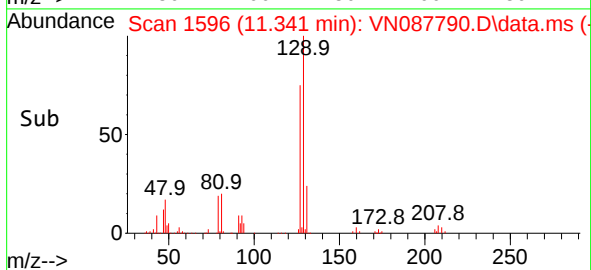
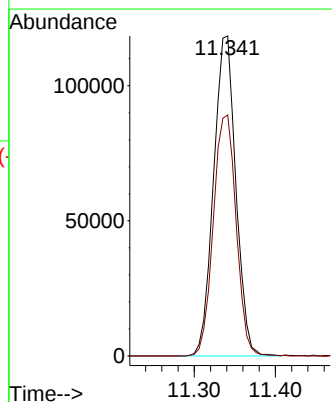
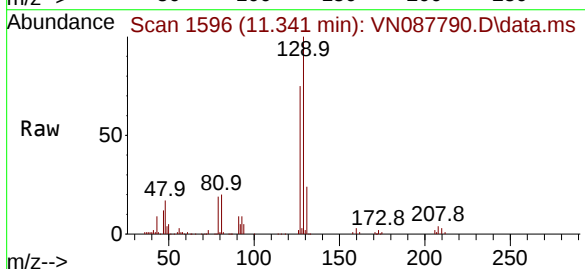
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

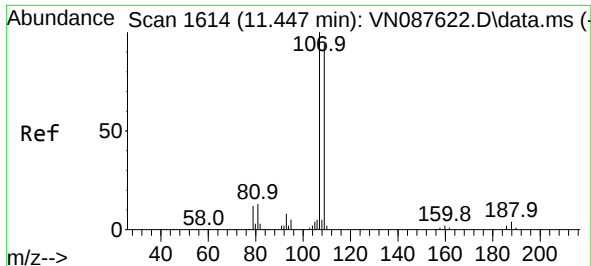
Tgt Ion: 43 Resp: 1169667  
Ion Ratio Lower Upper  
43 100  
58 54.5 25.9 77.8



#60  
Dibromochloromethane  
Concen: 51.851 ug/l  
RT: 11.341 min Scan# 1596  
Delta R.T. 0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion:129 Resp: 225767  
Ion Ratio Lower Upper  
129 100  
127 77.0 39.1 117.3

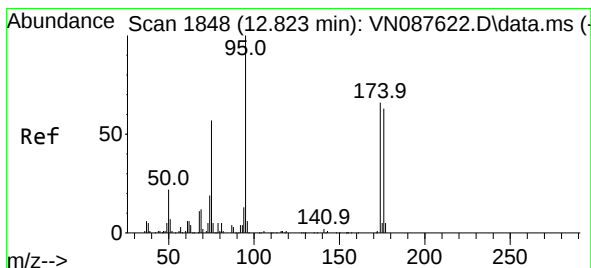
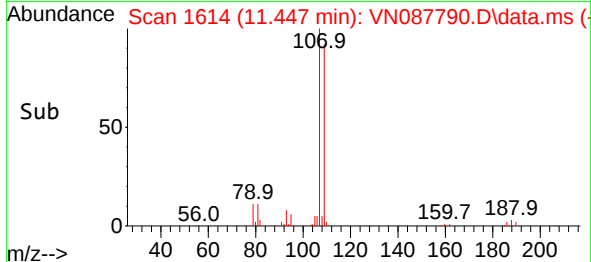
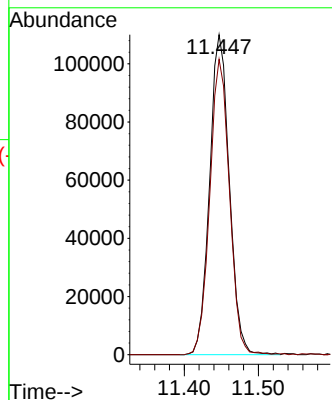
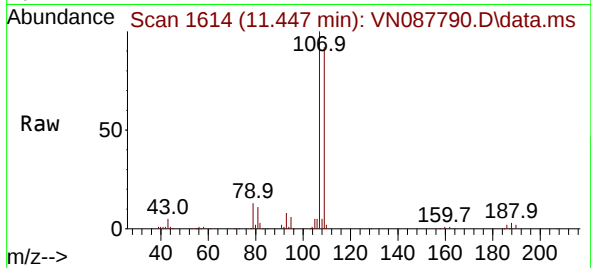




#61  
1,2-Dibromoethane  
Concen: 51.322 ug/l  
RT: 11.447 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

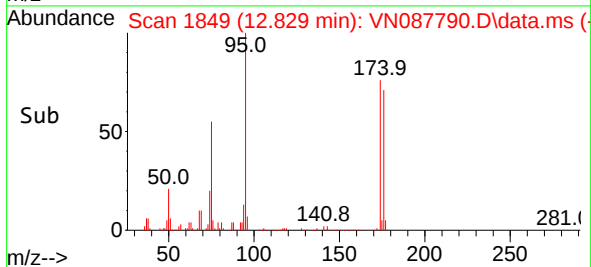
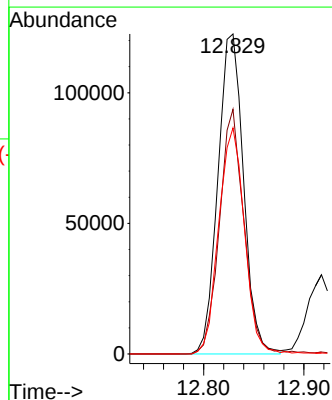
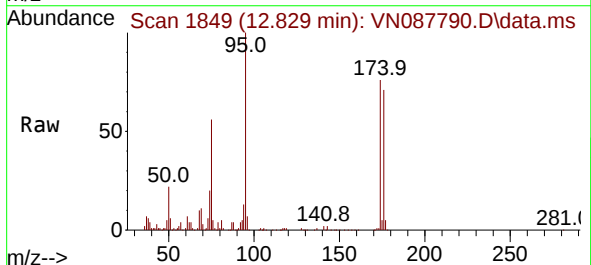
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

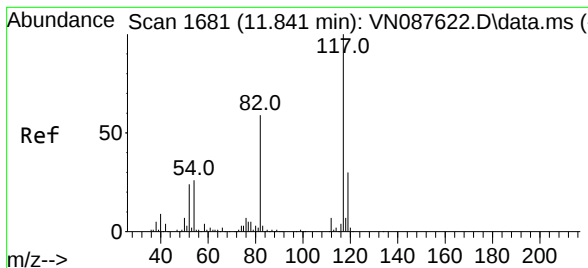
Tgt Ion:107 Resp: 203359  
Ion Ratio Lower Upper  
107 100  
109 92.0 74.7 112.1



#62  
4-Bromofluorobenzene  
Concen: 48.973 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 95 Resp: 217074  
Ion Ratio Lower Upper  
95 100  
174 73.4 0.0 138.4  
176 71.2 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

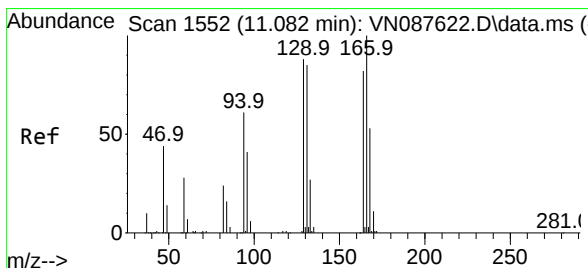
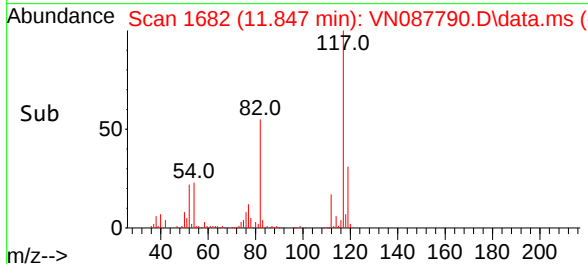
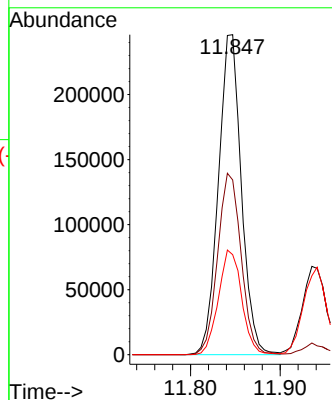
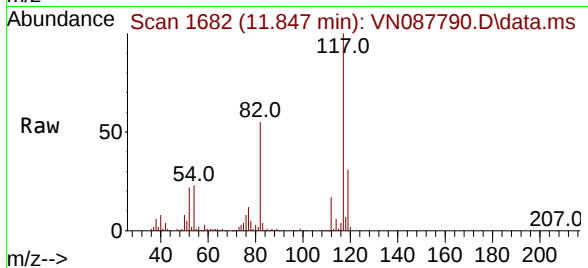
Tgt Ion:117 Resp: 437995

Ion Ratio Lower Upper

117 100

82 54.6 47.4 71.2

119 31.3 24.3 36.5



#64

Tetrachloroethene

Concen: 41.534 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Tgt Ion:164 Resp: 126211

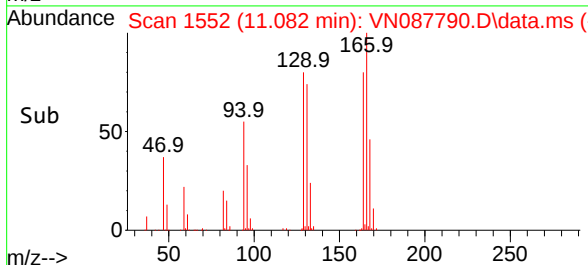
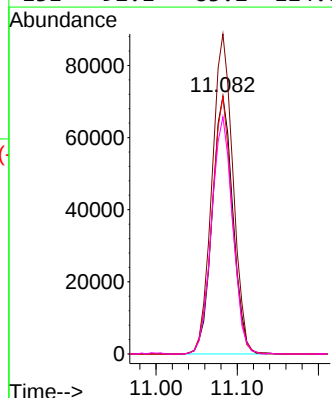
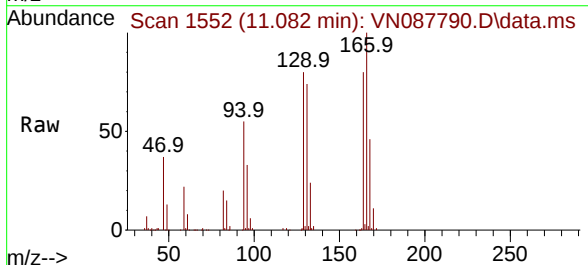
Ion Ratio Lower Upper

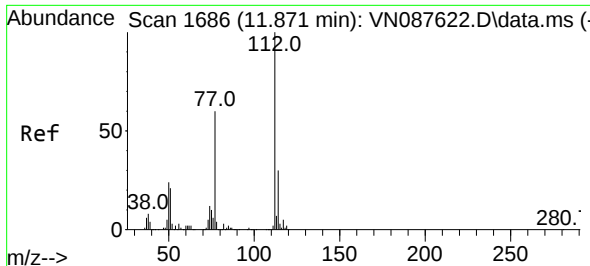
164 100

166 124.3 97.7 146.5

129 100.0 85.9 128.9

131 92.1 83.2 124.8

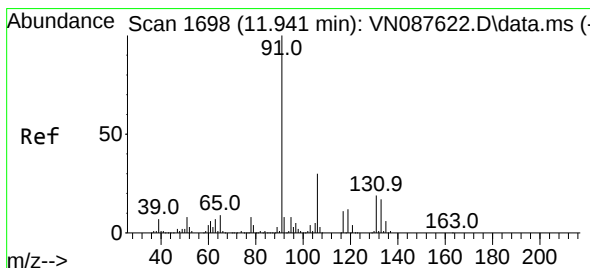
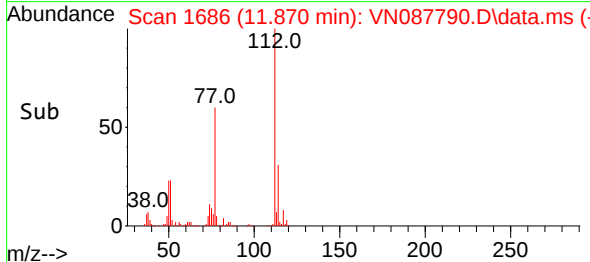
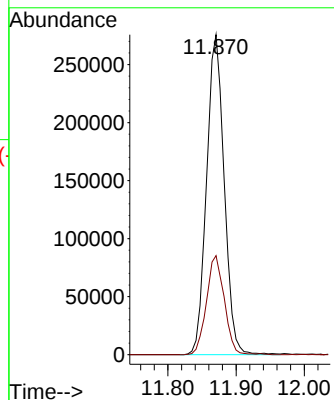
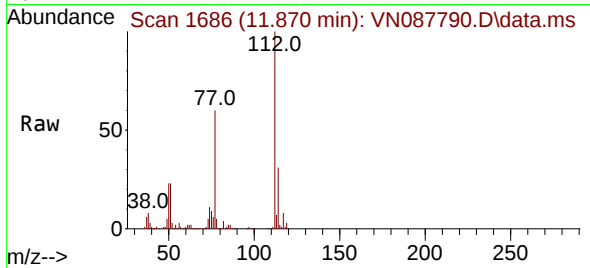




#65  
Chlorobenzene  
Concen: 45.499 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

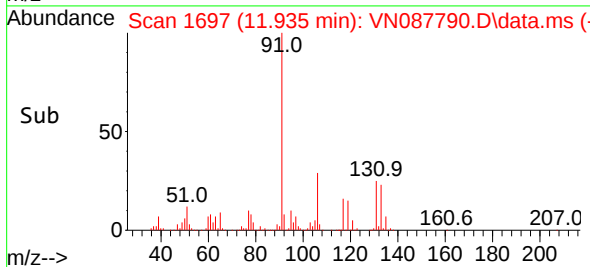
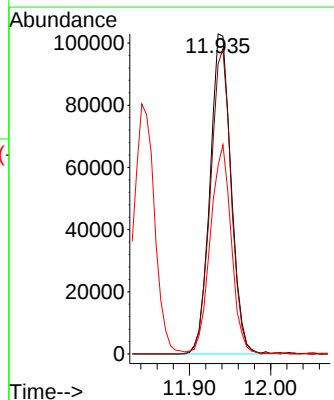
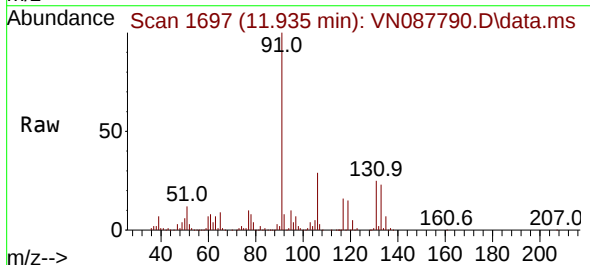
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

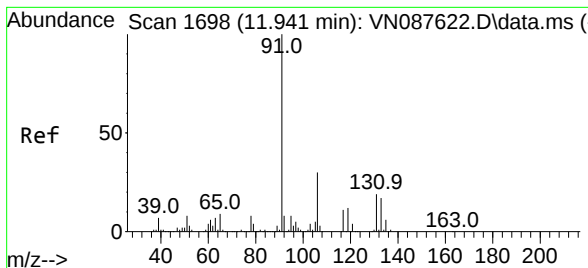
Tgt Ion:112 Resp: 495787  
Ion Ratio Lower Upper  
112 100  
114 31.0 24.3 36.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.299 ug/l  
RT: 11.935 min Scan# 1697  
Delta R.T. -0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion:131 Resp: 185574  
Ion Ratio Lower Upper  
131 100  
133 94.0 48.0 144.0  
119 64.3 32.6 97.7





#67

Ethyl Benzene

Concen: 44.527 ug/l

RT: 11.941 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Instrument :

MSVOA\_N

ClientSampleId :

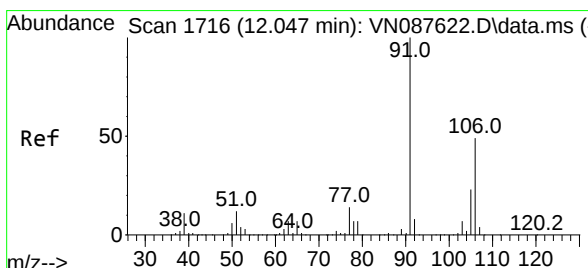
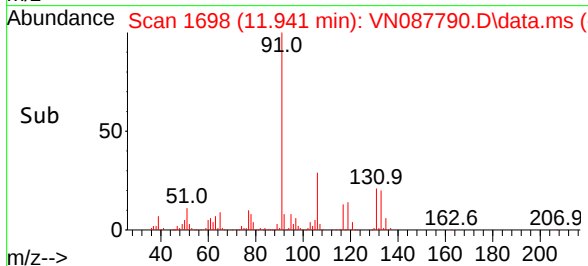
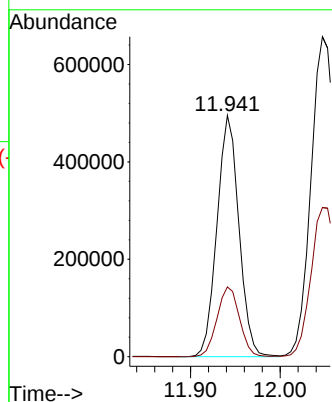
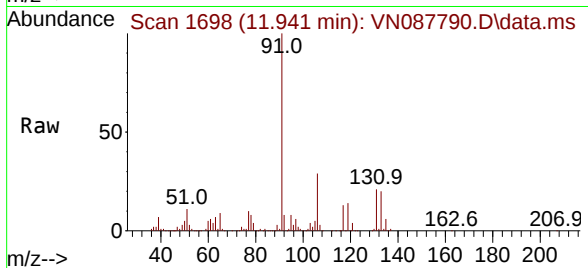
VSTDCCC050EC

Tgt Ion: 91 Resp: 840071

Ion Ratio Lower Upper

91 100

106 28.9 24.1 36.1



#68

m/p-Xylenes

Concen: 90.543 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN087790.D

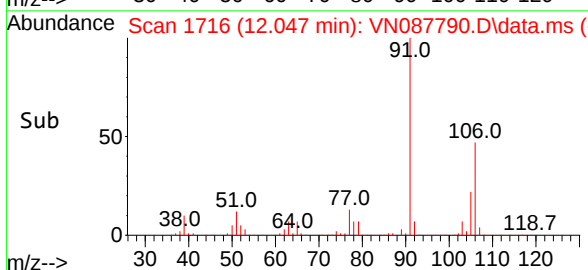
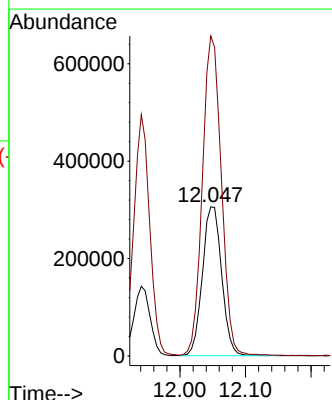
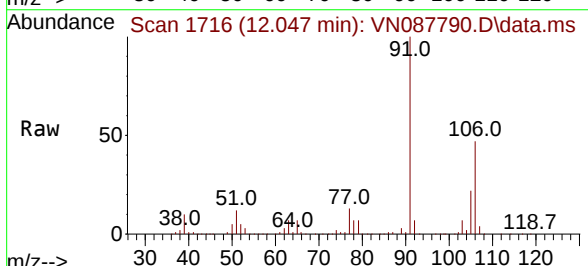
Acq: 10 Sep 2025 18:35

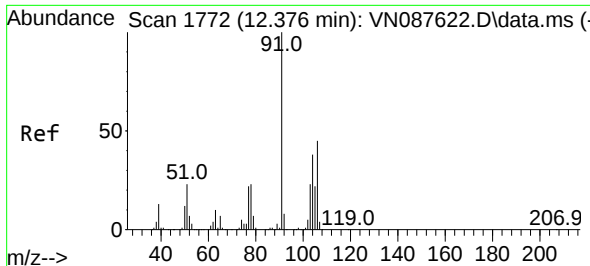
Tgt Ion: 106 Resp: 626488

Ion Ratio Lower Upper

106 100

91 211.0 169.3 253.9

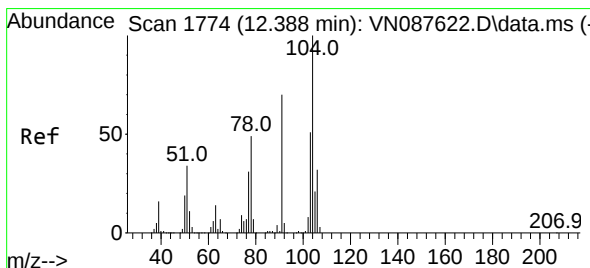
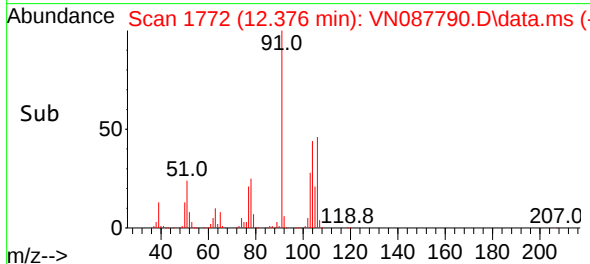
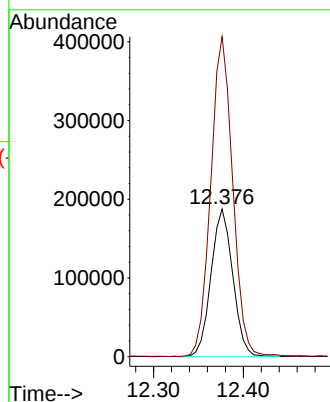
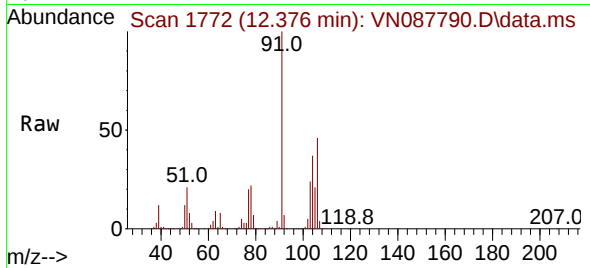




#69  
o-Xylene  
Concen: 46.592 ug/l  
RT: 12.376 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

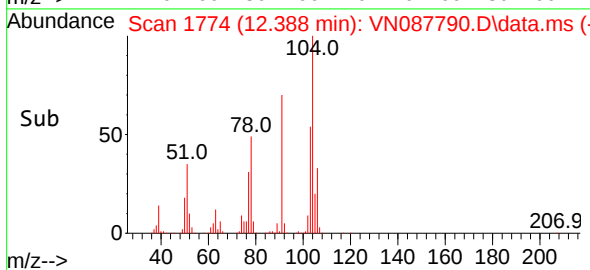
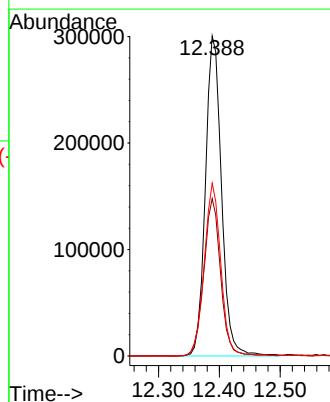
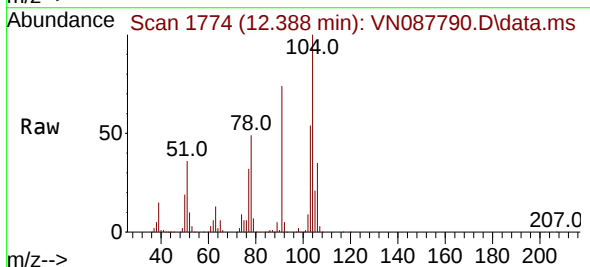
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

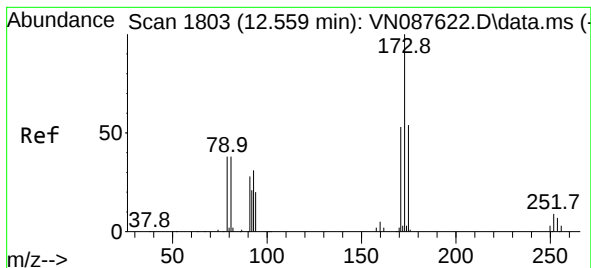
Tgt Ion:106 Resp: 315932  
Ion Ratio Lower Upper  
106 100  
91 218.5 111.4 334.2



#70  
Styrene  
Concen: 48.700 ug/l  
RT: 12.388 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion:104 Resp: 553237  
Ion Ratio Lower Upper  
104 100  
78 51.3 42.2 63.2  
103 55.7 43.4 65.2





#71

Bromoform

Concen: 55.067 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

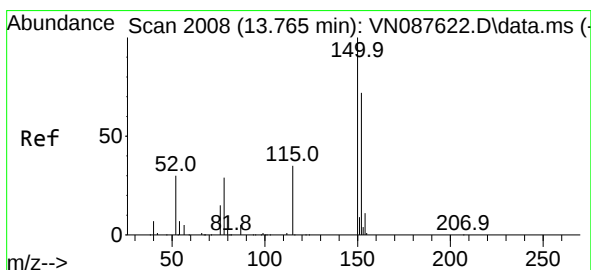
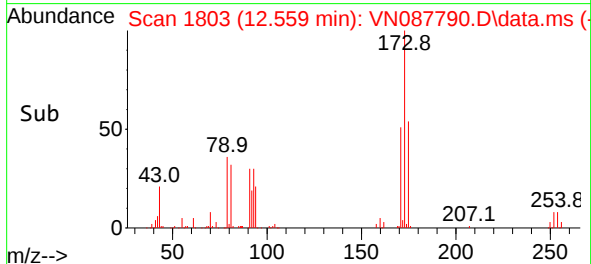
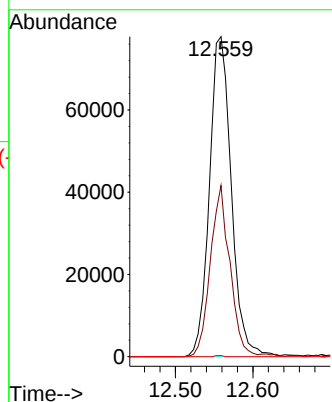
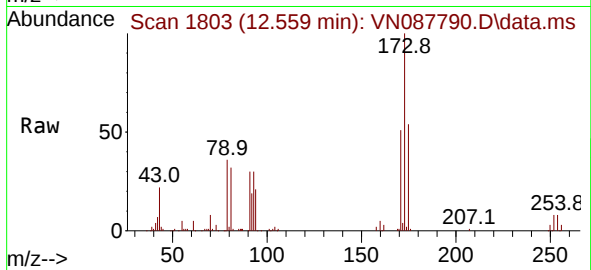
Tgt Ion:173 Resp: 152778

Ion Ratio Lower Upper

173 100

175 48.2 24.9 74.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

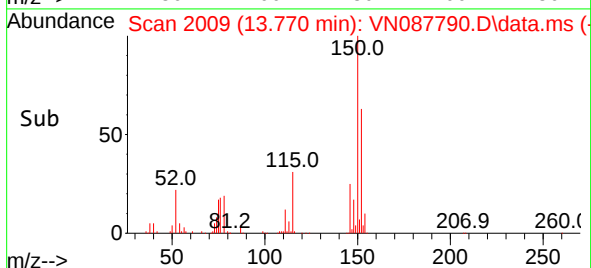
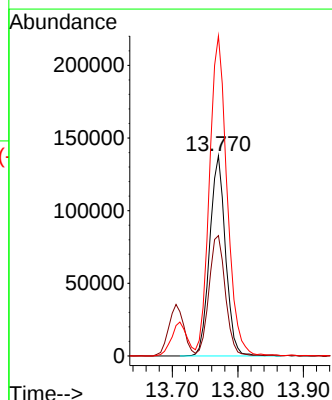
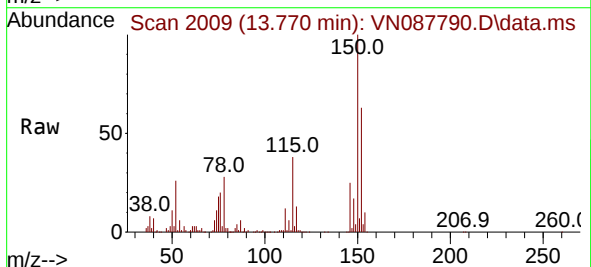
Tgt Ion:152 Resp: 232003

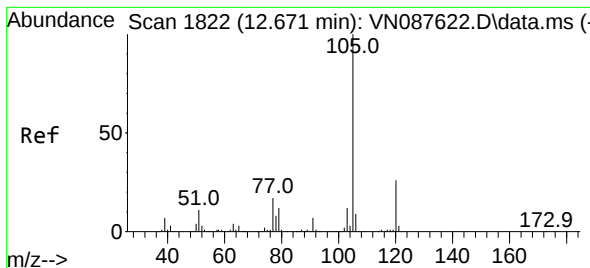
Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

150 176.6 0.0 351.0





#73

Isopropylbenzene

Concen: 42.184 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Instrument :

MSVOA\_N

ClientSampleId :

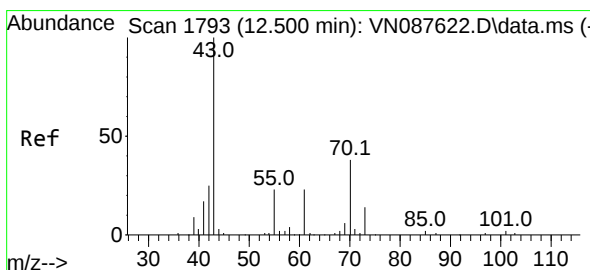
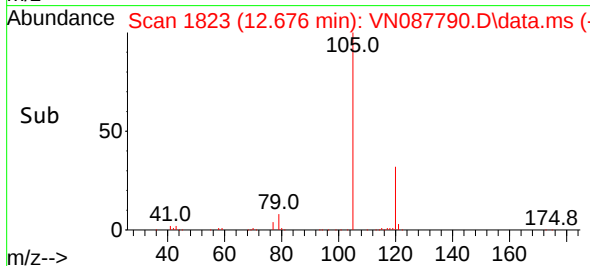
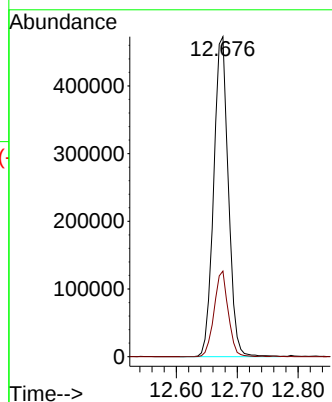
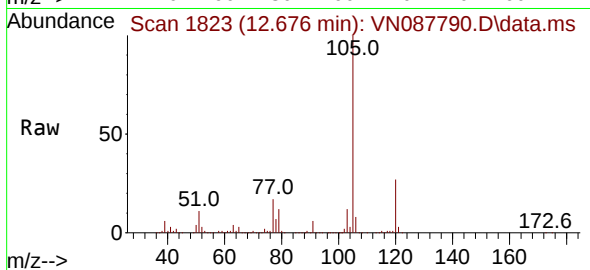
VSTDCCC050EC

Tgt Ion:105 Resp: 790837

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.3



#74

N-ethyl acetate

Concen: 32.592 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.006 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Tgt Ion: 43 Resp: 231556

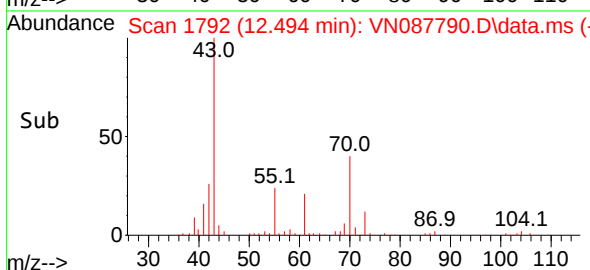
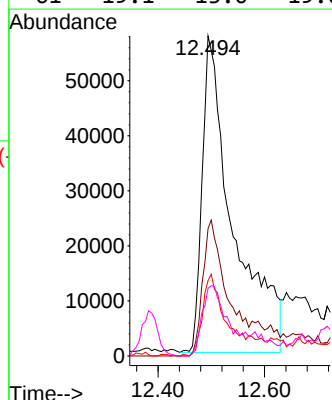
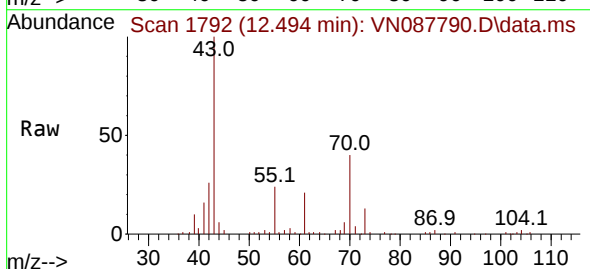
Ion Ratio Lower Upper

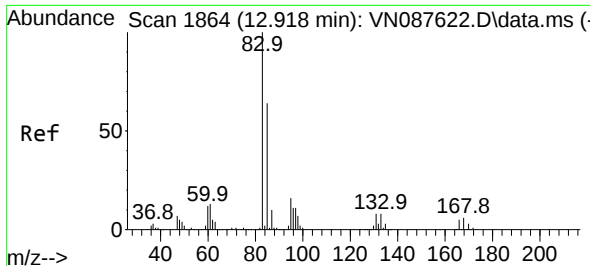
43 100

70 33.4 27.6 41.4

55 21.9 13.0 19.6#

61 19.1 13.0 19.6

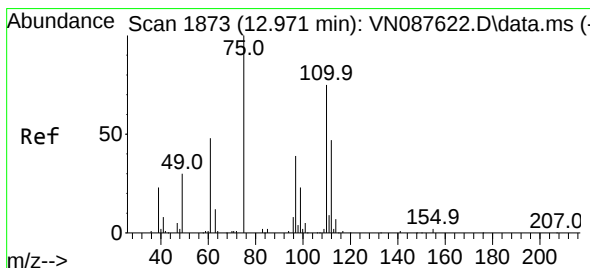
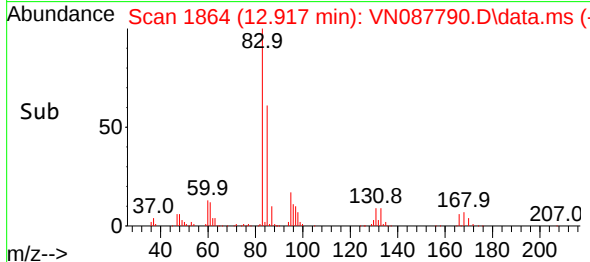
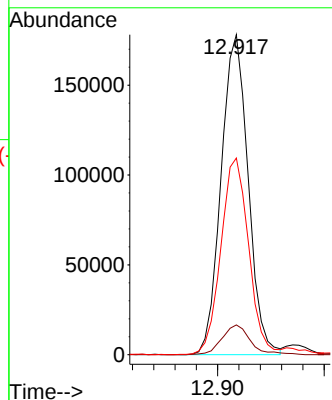
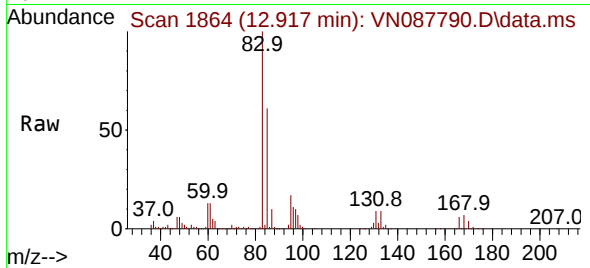




#75  
1,1,2-Tetrachloroethane  
Concen: 48.577 ug/l  
RT: 12.917 min Scan# 1864  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

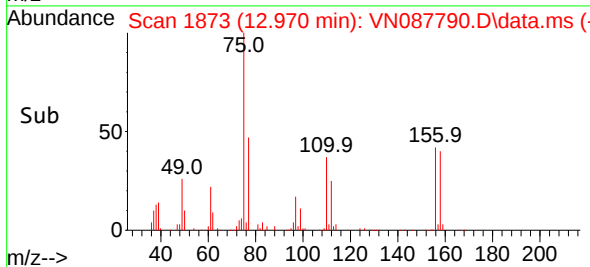
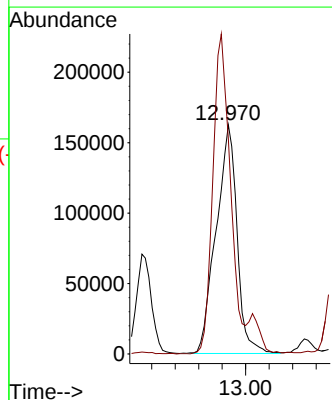
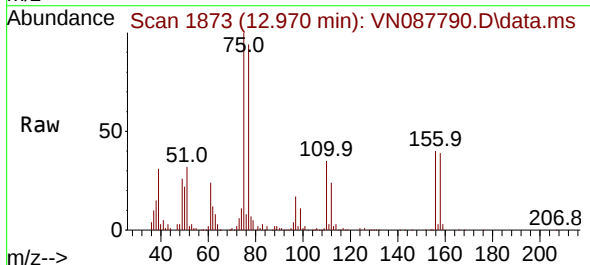
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

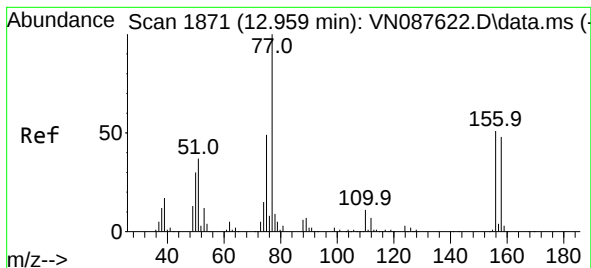
Tgt Ion: 83 Resp: 313538  
Ion Ratio Lower Upper  
83 100  
131 9.8 4.8 14.4  
85 63.2 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 73.714 ug/l  
RT: 12.970 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 75 Resp: 401048  
Ion Ratio Lower Upper  
75 100  
77 117.5 89.1 267.4





#77

Bromobenzene

Concen: 45.903 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

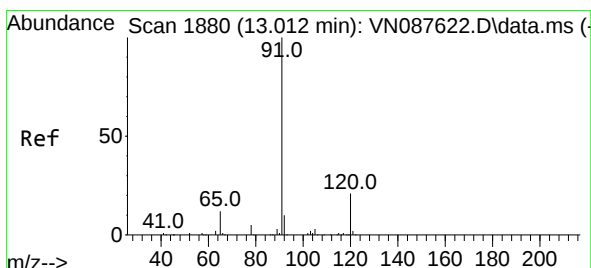
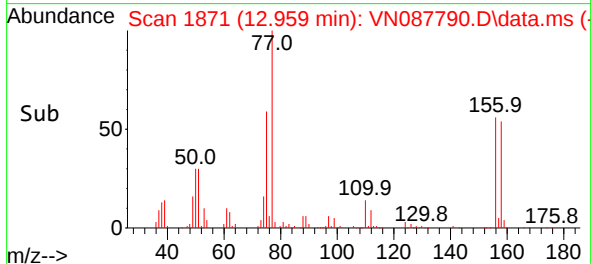
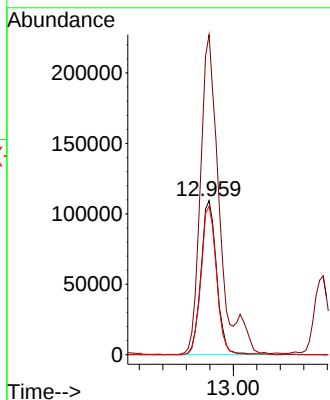
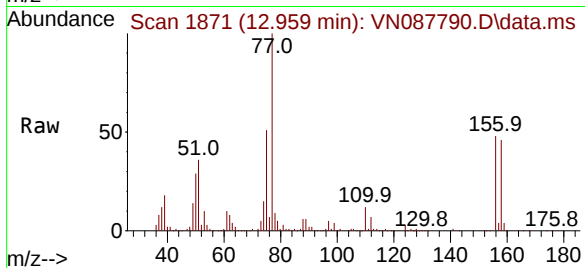
Tgt Ion:156 Resp: 202907

Ion Ratio Lower Upper

156 100

77 232.3 119.3 358.0

158 95.0 48.2 144.6



#78

n-propylbenzene

Concen: 42.690 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087790.D

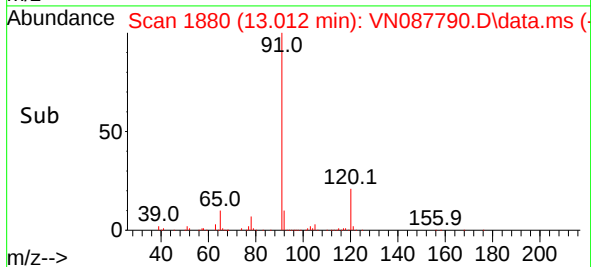
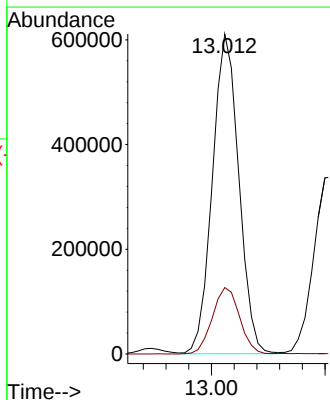
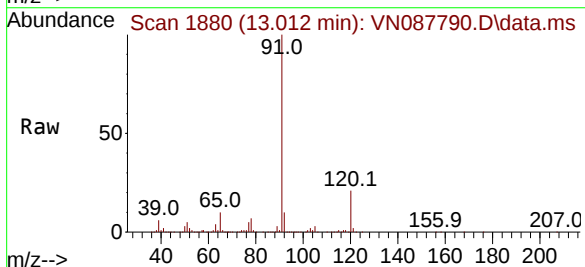
Acq: 10 Sep 2025 18:35

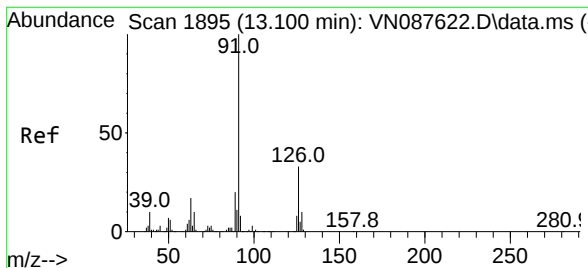
Tgt Ion: 91 Resp: 985807

Ion Ratio Lower Upper

91 100

120 21.4 10.7 32.1

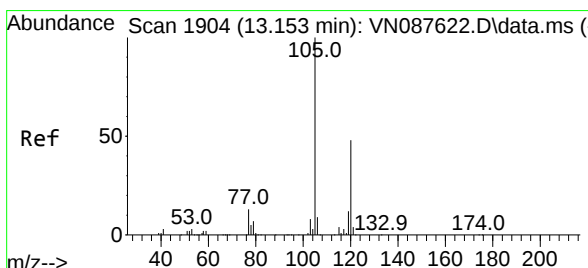
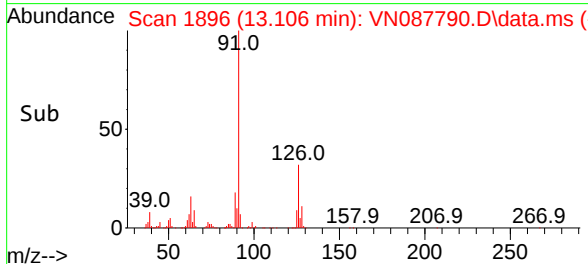
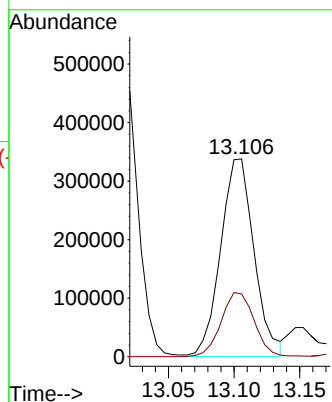
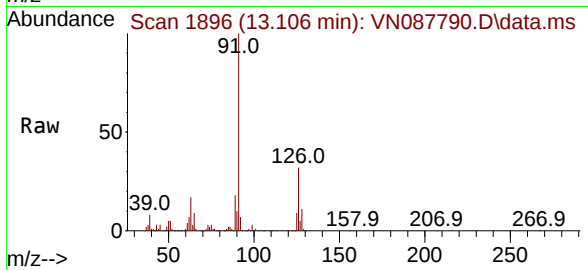




#79  
2-Chlorotoluene  
Concen: 43.047 ug/l  
RT: 13.106 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

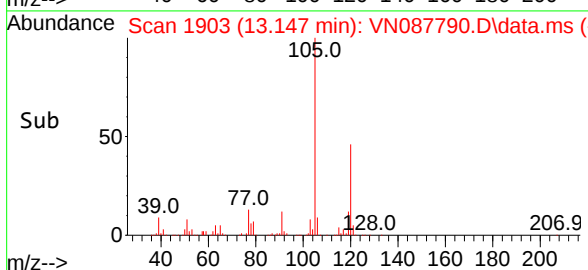
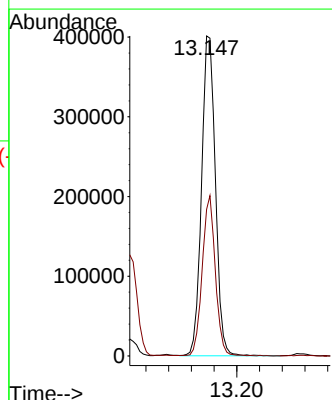
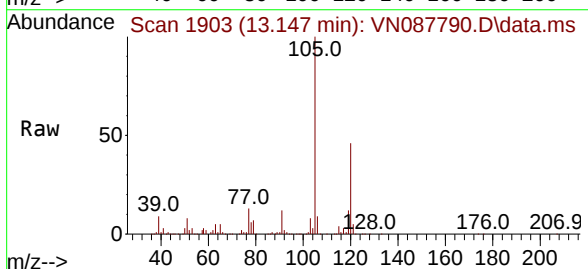
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

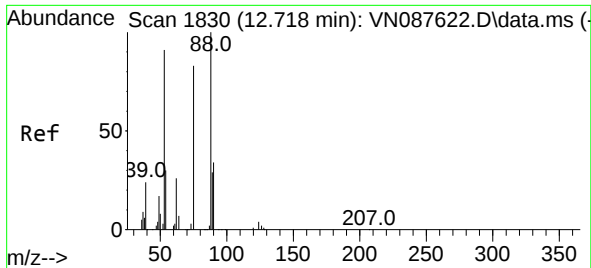
Tgt Ion: 91 Resp: 598202  
Ion Ratio Lower Upper  
91 100  
126 32.2 16.1 48.3



#80  
1,3,5-Trimethylbenzene  
Concen: 42.651 ug/l  
RT: 13.147 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 105 Resp: 678318  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.2 69.6

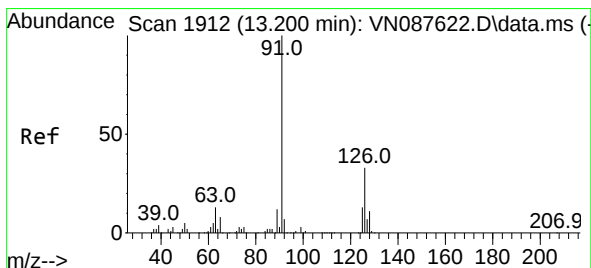
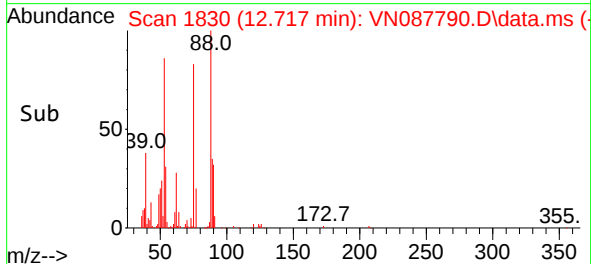
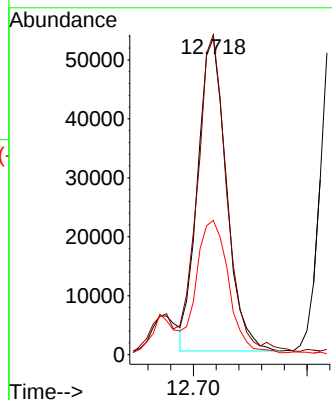
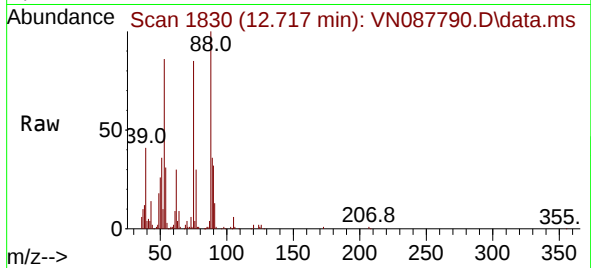




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.517 ug/l  
RT: 12.717 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

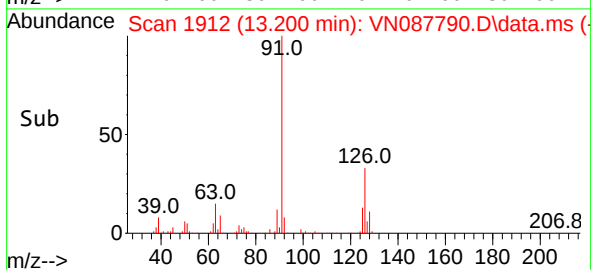
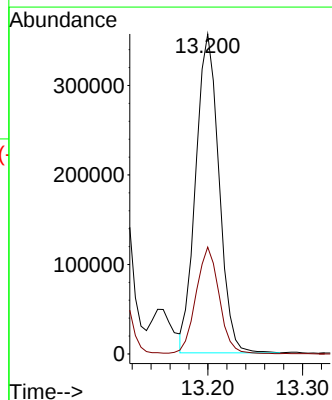
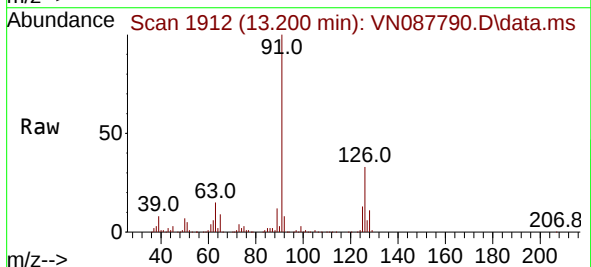
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

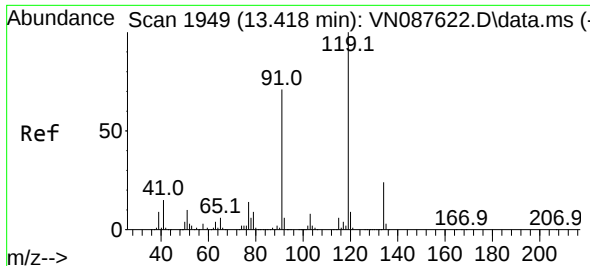
Tgt Ion: 75 Resp: 93542  
Ion Ratio Lower Upper  
75 100  
53 104.5 101.8 152.6  
89 47.1 35.6 53.4



#82  
4-Chlorotoluene  
Concen: 41.530 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 91 Resp: 606785  
Ion Ratio Lower Upper  
91 100  
126 33.3 15.6 46.8

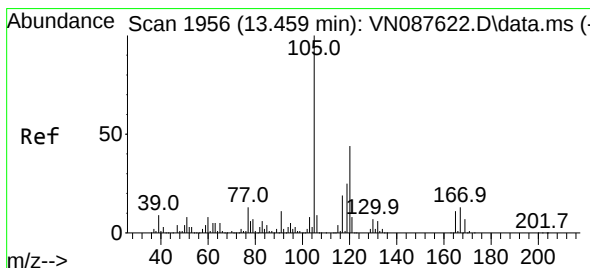
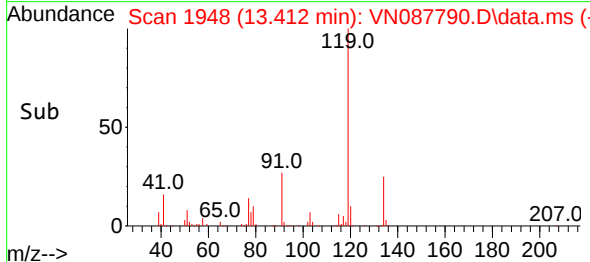
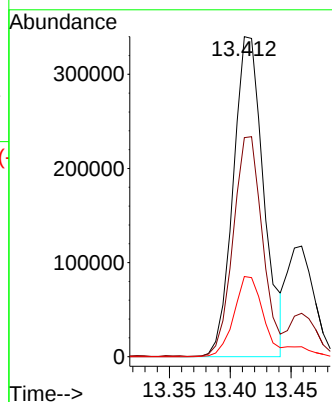
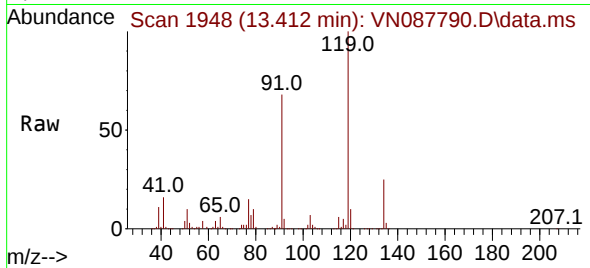




#83  
 tert-Butylbenzene  
 Concen: 44.716 ug/l  
 RT: 13.412 min Scan# 1948  
 Delta R.T. -0.006 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

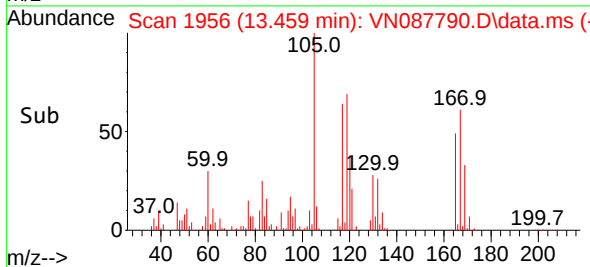
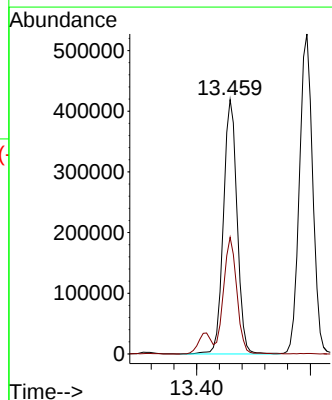
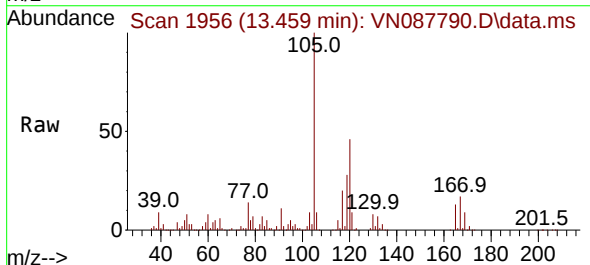
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

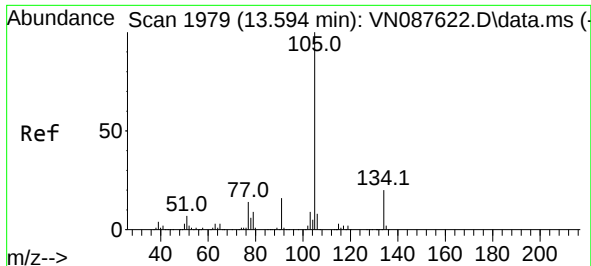
Tgt Ion:119 Resp: 592612  
 Ion Ratio Lower Upper  
 119 100  
 91 66.1 35.0 105.0  
 134 26.5 12.6 37.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 44.165 ug/l  
 RT: 13.459 min Scan# 1956  
 Delta R.T. -0.000 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

Tgt Ion:105 Resp: 703140  
 Ion Ratio Lower Upper  
 105 100  
 120 44.3 22.0 66.0

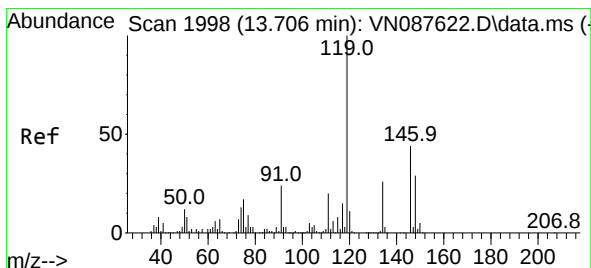
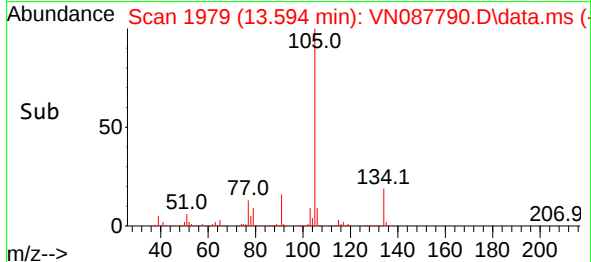
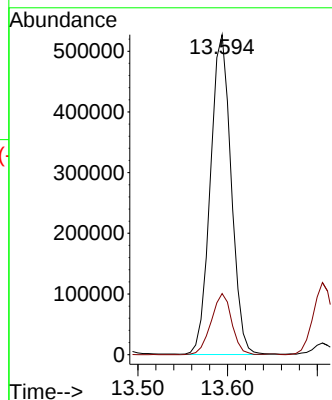
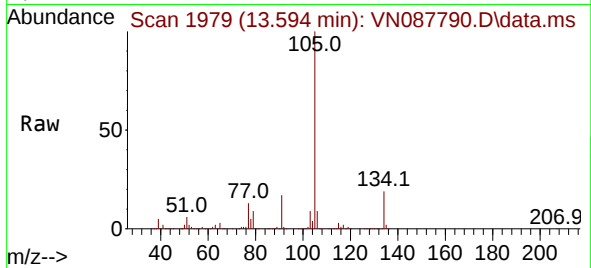




#85  
 sec-Butylbenzene  
 Concen: 43.171 ug/l  
 RT: 13.594 min Scan# 1979  
 Delta R.T. -0.000 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

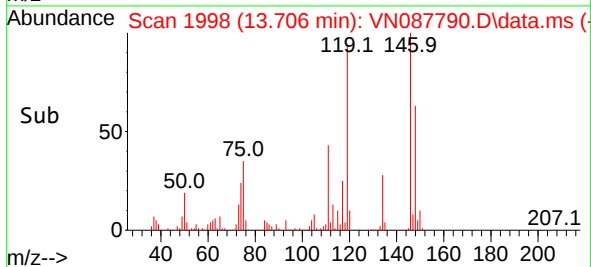
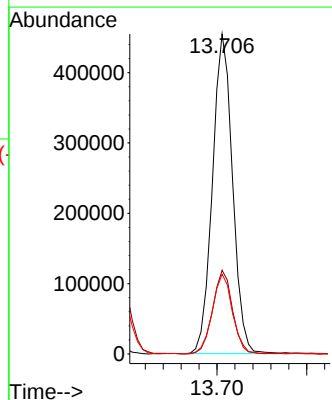
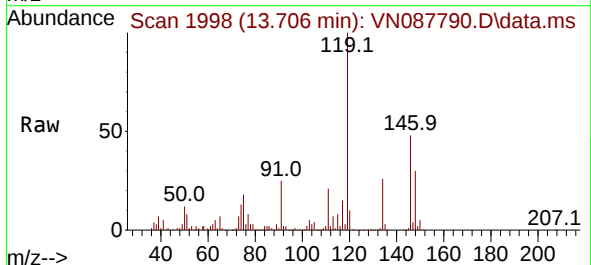
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

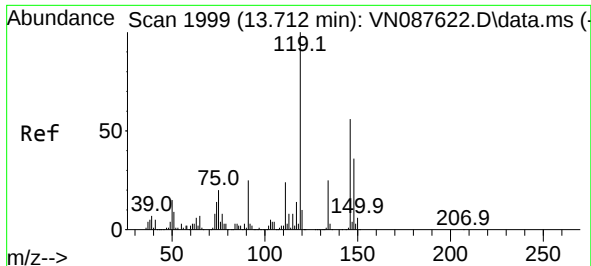
Tgt Ion:105 Resp: 849057  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 43.472 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. -0.000 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

Tgt Ion:119 Resp: 705994  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.7 38.0  
 91 24.8 12.5 37.5

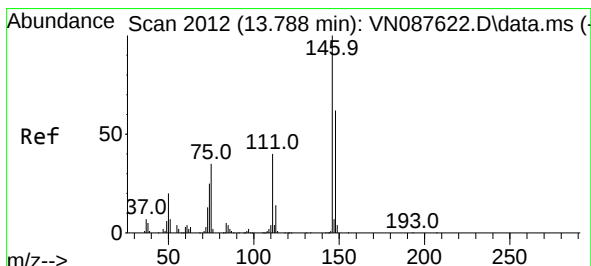
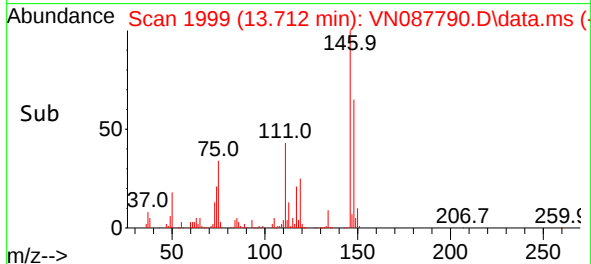
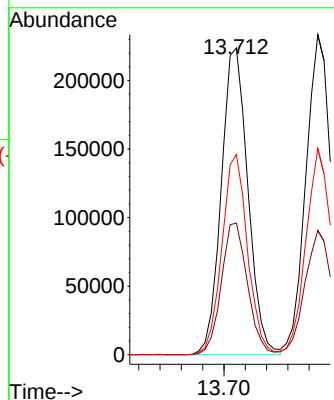
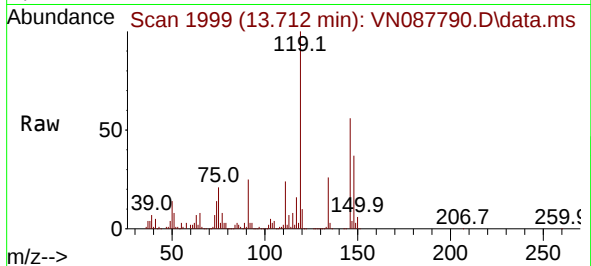




#87  
 1,3-Dichlorobenzene  
 Concen: 44.672 ug/l  
 RT: 13.712 min Scan# 1999  
 Delta R.T. -0.000 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

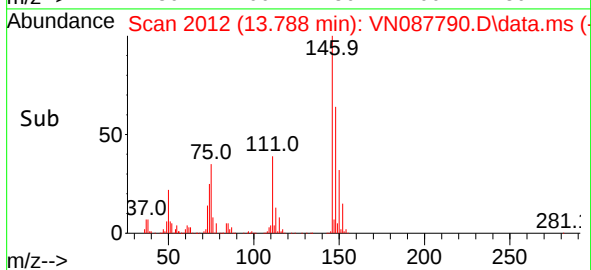
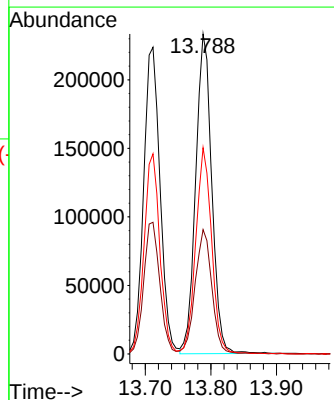
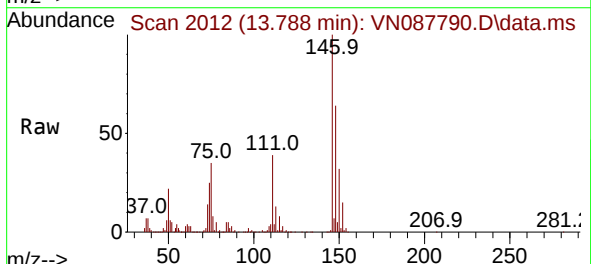
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

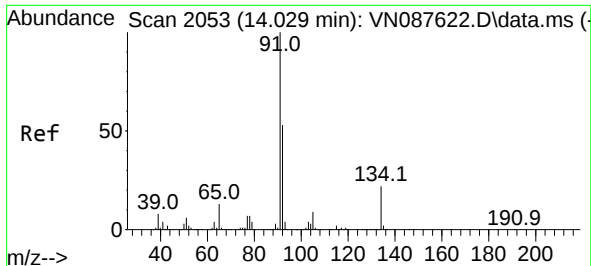
Tgt Ion:146 Resp: 388865  
 Ion Ratio Lower Upper  
 146 100  
 111 42.0 22.1 66.5  
 148 62.7 32.0 96.2



#88  
 1,4-Dichlorobenzene  
 Concen: 43.880 ug/l  
 RT: 13.788 min Scan# 1212  
 Delta R.T. -0.000 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

Tgt Ion:146 Resp: 397501  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 21.0 63.0  
 148 63.7 32.0 96.0

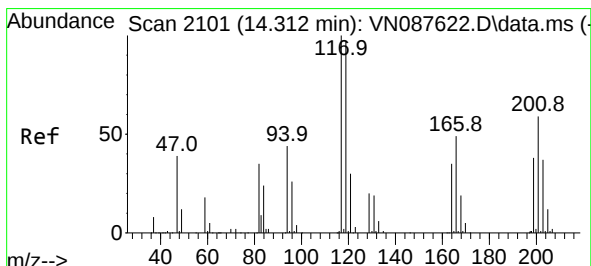
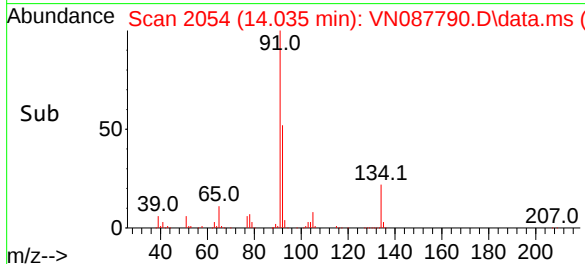
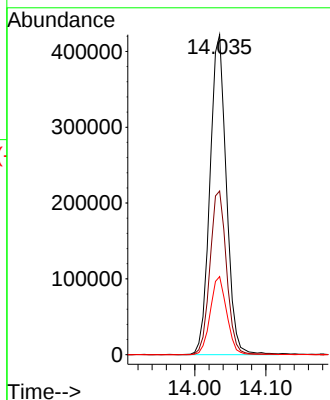
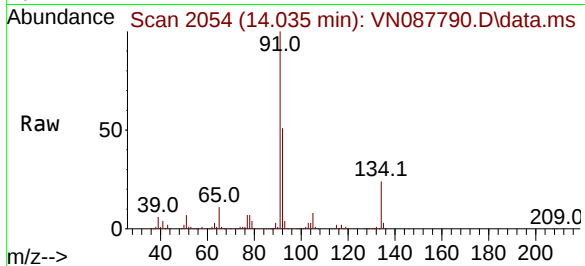




#89  
n-Butylbenzene  
Concen: 41.952 ug/l  
RT: 14.035 min Scan# 2054  
Delta R.T. 0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

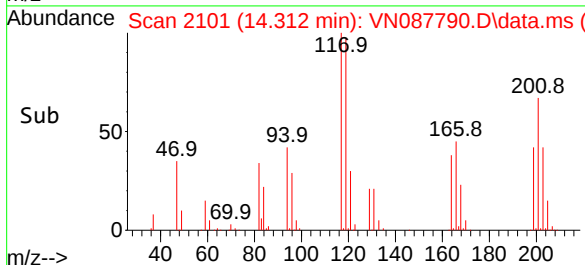
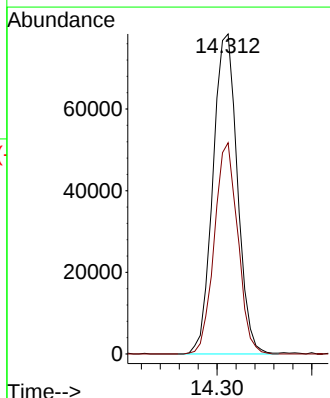
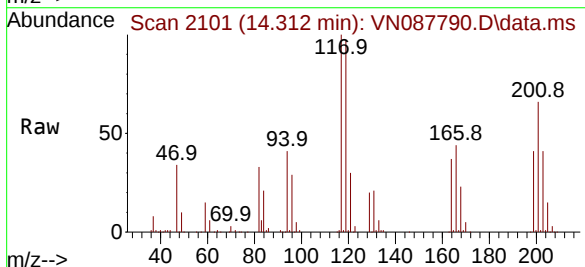
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

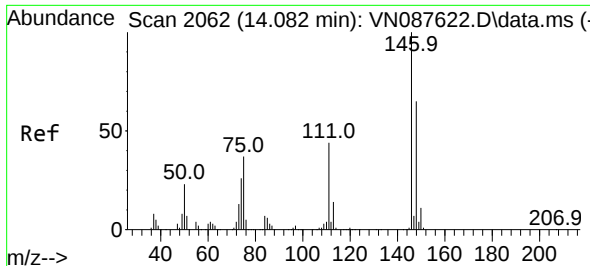
Tgt Ion: 91 Resp: 676634  
Ion Ratio Lower Upper  
91 100  
92 51.5 25.9 77.8  
134 24.5 11.7 35.0



#90  
Hexachloroethane  
Concen: 45.406 ug/l  
RT: 14.312 min Scan# 2101  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion: 117 Resp: 140485  
Ion Ratio Lower Upper  
117 100  
201 63.4 29.1 87.4

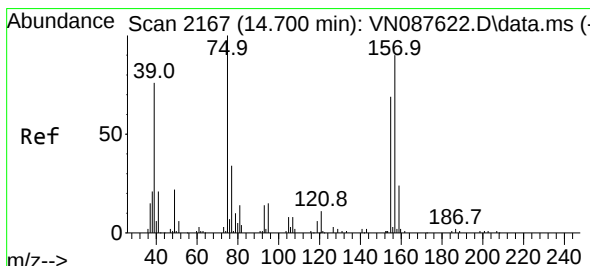
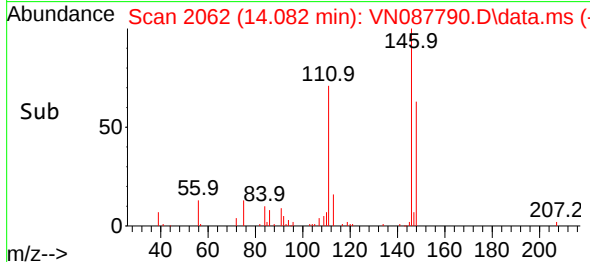
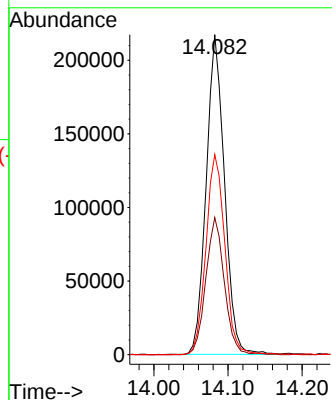
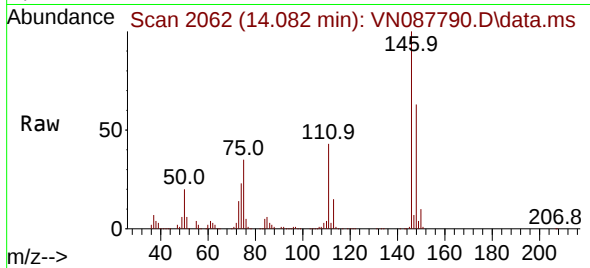




#91  
 1,2-Dichlorobenzene  
 Concen: 45.129 ug/l  
 RT: 14.082 min Scan# 2062  
 Delta R.T. -0.000 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

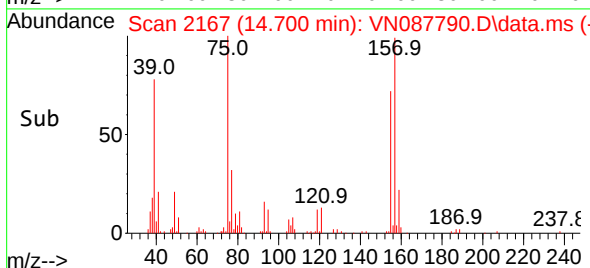
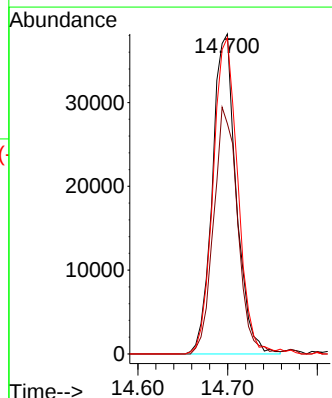
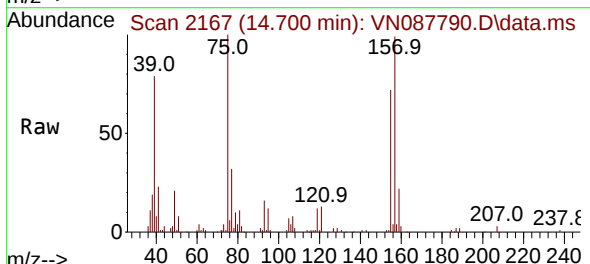
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

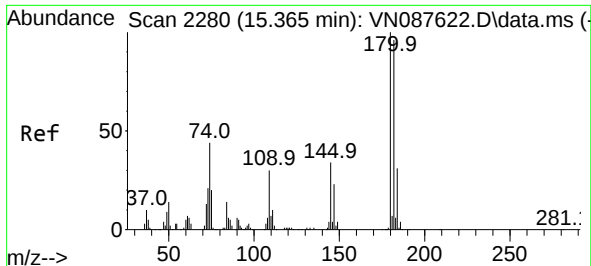
Tgt Ion:146 Resp: 372690  
 Ion Ratio Lower Upper  
 146 100  
 111 43.6 22.6 67.8  
 148 65.0 31.9 95.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 46.028 ug/l  
 RT: 14.700 min Scan# 2167  
 Delta R.T. -0.000 min  
 Lab File: VN087790.D  
 Acq: 10 Sep 2025 18:35

Tgt Ion: 75 Resp: 70573  
 Ion Ratio Lower Upper  
 75 100  
 155 77.5 36.6 109.9  
 157 102.7 45.6 136.9

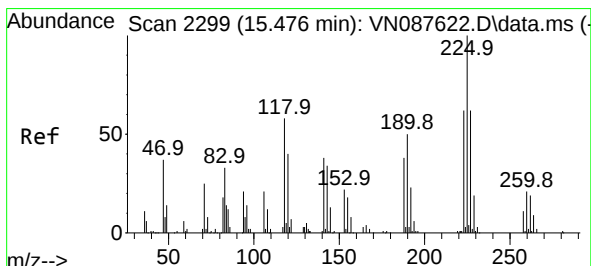
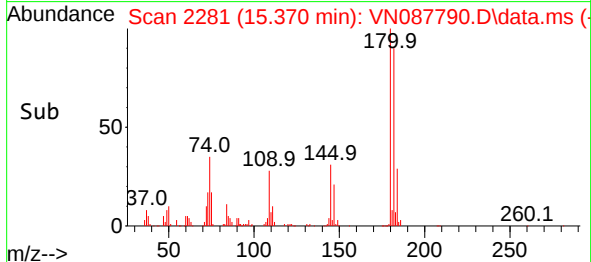
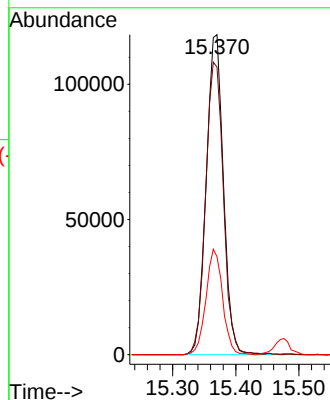
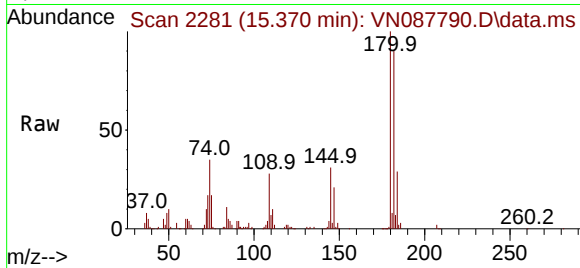




#93  
1,2,4-Trichlorobenzene  
Concen: 45.060 ug/l  
RT: 15.370 min Scan# 2280  
Delta R.T. 0.006 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

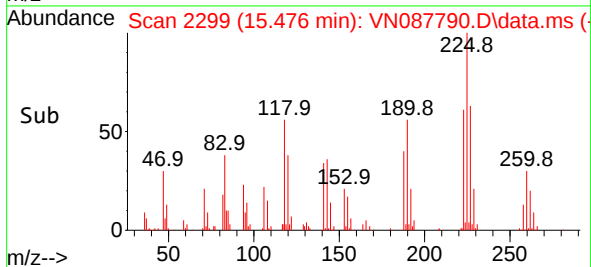
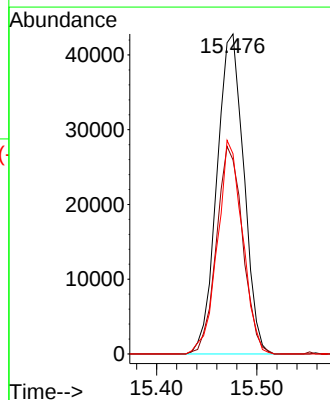
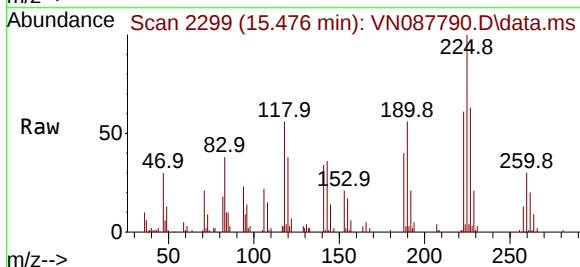
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

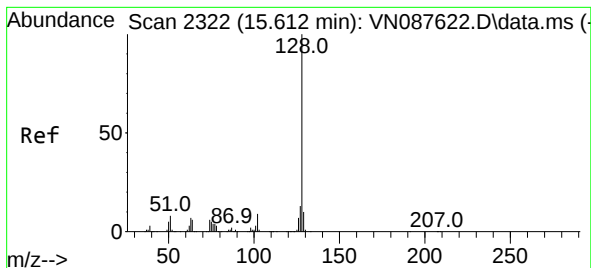
Tgt Ion:180 Resp: 223457  
Ion Ratio Lower Upper  
180 100  
182 94.4 47.6 142.9  
145 32.0 16.5 49.5



#94  
Hexachlorobutadiene  
Concen: 45.108 ug/l  
RT: 15.476 min Scan# 2299  
Delta R.T. -0.000 min  
Lab File: VN087790.D  
Acq: 10 Sep 2025 18:35

Tgt Ion:225 Resp: 79749  
Ion Ratio Lower Upper  
225 100  
223 63.4 32.0 96.2  
227 62.2 32.1 96.5





#95

Naphthalene

Concen: 48.054 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

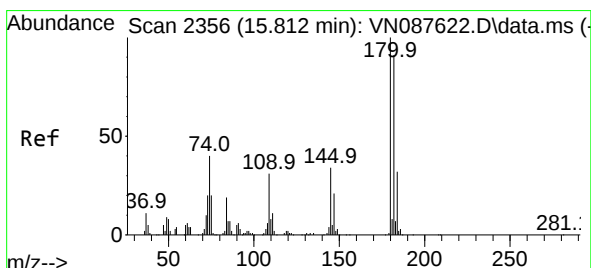
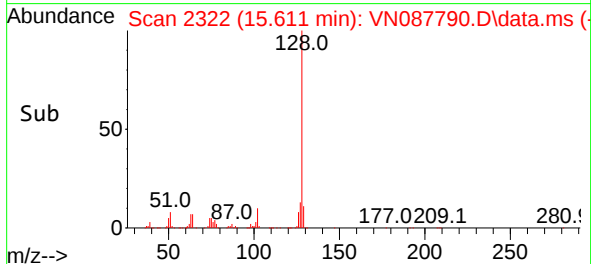
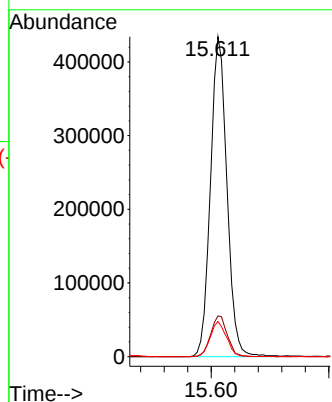
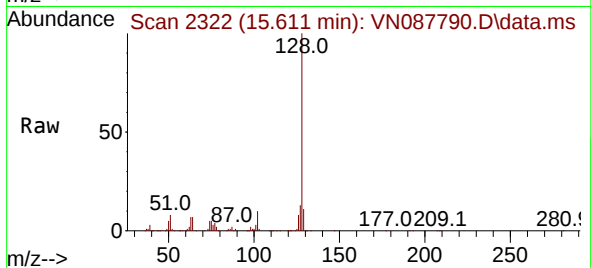
Tgt Ion:128 Resp: 844074

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 45.222 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087790.D

Acq: 10 Sep 2025 18:35

Tgt Ion:180 Resp: 219237

Ion Ratio Lower Upper

180 100

182 98.8 46.8 140.3

145 34.6 17.3 52.0

