

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081425\  
 Data File : VW032080.D  
 Acq On : 14 Aug 2025 09:27  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 18 03:44:57 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W081125S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 12 04:04:48 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.959  | 168  | 209331   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.849  | 114  | 369087   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.629 | 117  | 337227   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 174813   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.319  | 65    | 152426   | 50.347   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | = 100.700% |      |
| 35) Dibromofluoromethane    | 7.904  | 113   | 127528   | 53.483   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | = 106.960% |      |
| 50) Toluene-d8              | 10.324 | 98    | 452920   | 51.355   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | = 102.720% |      |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 163398   | 50.275   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | = 100.560% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.045 | 85  | 74536   | 49.784  | ug/l   | 98  |
| 3) Chloromethane             | 2.253 | 50  | 89872   | 44.563  | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.405 | 62  | 116200  | 47.634  | ug/l   | 98  |
| 5) Bromomethane              | 2.820 | 94  | 98568   | 53.858  | ug/l   | 100 |
| 6) Chloroethane              | 2.972 | 64  | 82661   | 51.208  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.307 | 101 | 112860  | 57.752  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.716 | 74  | 86491   | 54.020  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.106 | 101 | 127479  | 55.292  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.313 | 142 | 168357  | 51.502  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 5.222 | 59  | 47413   | 241.851 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.076 | 96  | 137220  | 54.052  | ug/l   | 94  |
| 13) Acrolein                 | 3.935 | 56  | 45869   | 146.845 | ug/l   | 99  |
| 14) Allyl chloride           | 4.704 | 41  | 166676  | 45.111  | ug/l # | 87  |
| 15) Acrylonitrile            | 5.405 | 53  | 193220  | 253.370 | ug/l   | 99  |
| 16) Acetone                  | 4.161 | 43  | 207328  | 295.783 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.423 | 76  | 306638  | 45.000  | ug/l   | 97  |
| 18) Methyl Acetate           | 4.710 | 43  | 112047  | 50.516  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.466 | 73  | 225122  | 50.329  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.960 | 84  | 139212  | 42.955  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.459 | 96  | 134920  | 50.080  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.337 | 45  | 389232  | 49.971  | ug/l   | 92  |
| 23) Vinyl Acetate            | 6.282 | 43  | 1373340 | 268.547 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.246 | 63  | 245164  | 49.263  | ug/l   | 99  |
| 25) 2-Butanone               | 7.197 | 43  | 270175  | 271.199 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.185 | 77  | 124724  | 49.956  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.191 | 96  | 163086  | 51.787  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.532 | 49  | 106726  | 47.126  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.557 | 42  | 172032  | 261.846 | ug/l   | 100 |
| 30) Chloroform               | 7.691 | 83  | 279930  | 53.058  | ug/l   | 99  |
| 31) Cyclohexane              | 7.971 | 56  | 194201  | 45.011  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 7.886 | 97  | 196892  | 51.378  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.093 | 75  | 178210  | 53.016  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.276 | 43  | 115111  | 58.145  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 8.081 | 117 | 189059  | 58.281  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.343 | 83  | 213123  | 52.018  | ug/l   | 96  |
| 40) Benzene                  | 8.337 | 78  | 563104  | 53.892  | ug/l   | 97  |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 18 03:44:57 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W081125S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 12 04:04:48 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.502  | 41   | 67789    | 60.380   | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.410  | 62   | 193320   | 57.820   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.435  | 43   | 208154   | 57.148   | ug/l   | 98       |
| 44) Trichloroethene           | 9.105  | 130  | 139933   | 56.237   | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.373  | 63   | 135567   | 53.705   | ug/l   | 100      |
| 46) Dibromomethane            | 9.465  | 93   | 95991    | 58.920   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.654  | 83   | 214831   | 57.226   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.440  | 41   | 97630    | 55.521   | ug/l # | 88       |
| 49) 1,4-Dioxane               | 9.465  | 88   | 23861    | 1132.752 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.215 | 43   | 613885   | 298.600  | ug/l   | 96       |
| 52) Toluene                   | 10.392 | 92   | 360912   | 54.839   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.611 | 75   | 196142   | 55.768   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.074 | 75   | 219444   | 54.997   | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 122561   | 56.613   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 164035   | 56.621   | ug/l # | 91       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 206568   | 54.740   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 410338   | 256.070  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.971 | 43   | 431742   | 303.226  | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.129 | 129  | 149280   | 60.364   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.239 | 107  | 122248   | 58.108   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.867 | 164  | 112551   | 57.783   | ug/l   | 91       |
| 65) Chlorobenzene             | 11.660 | 112  | 410189   | 55.882   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.727 | 131  | 133382   | 58.241   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.733 | 91   | 677681   | 54.505   | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.836 | 106  | 540433   | 112.646  | ug/l   | 97       |
| 69) o-Xylene                  | 12.166 | 106  | 257799   | 58.137   | ug/l   | 97       |
| 70) Styrene                   | 12.178 | 104  | 455535   | 57.835   | ug/l   | 99       |
| 71) Bromoform                 | 12.348 | 173  | 83619    | 63.831   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.464 | 105  | 639037   | 52.307   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.269 | 43   | 194883   | 55.601   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 151408   | 52.197   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 191760   | 80.822   | ug/l   | 53       |
| 77) Bromobenzene              | 12.745 | 156  | 156846   | 53.753   | ug/l   | 93       |
| 78) n-propylbenzene           | 12.800 | 91   | 803277   | 53.406   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 475026   | 51.172   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 559898   | 53.983   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.507 | 75   | 46191    | 50.402   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 12.989 | 91   | 510140   | 51.725   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.202 | 119  | 472615   | 54.905   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 560238   | 53.062   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.379 | 105  | 672760   | 51.695   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 580472   | 53.502   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 326126   | 56.169   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 320333   | 54.595   | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.818 | 91   | 565150   | 53.618   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.086 | 117  | 102479   | 51.649   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.866 | 146  | 296975   | 56.464   | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.482 | 75   | 27059    | 52.473   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.128 | 180  | 173211   | 55.052   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.226 | 225  | 81528    | 57.968   | ug/l   | 91       |
| 95) Naphthalene               | 15.360 | 128  | 444478   | 57.653   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.543 | 180  | 162937   | 56.917   | ug/l   | 93       |

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Aug 18 03:44:57 2025  
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Quant Title : SW846 8260  
QLast Update : Tue Aug 12 04:04:48 2025  
Response via : Initial Calibration

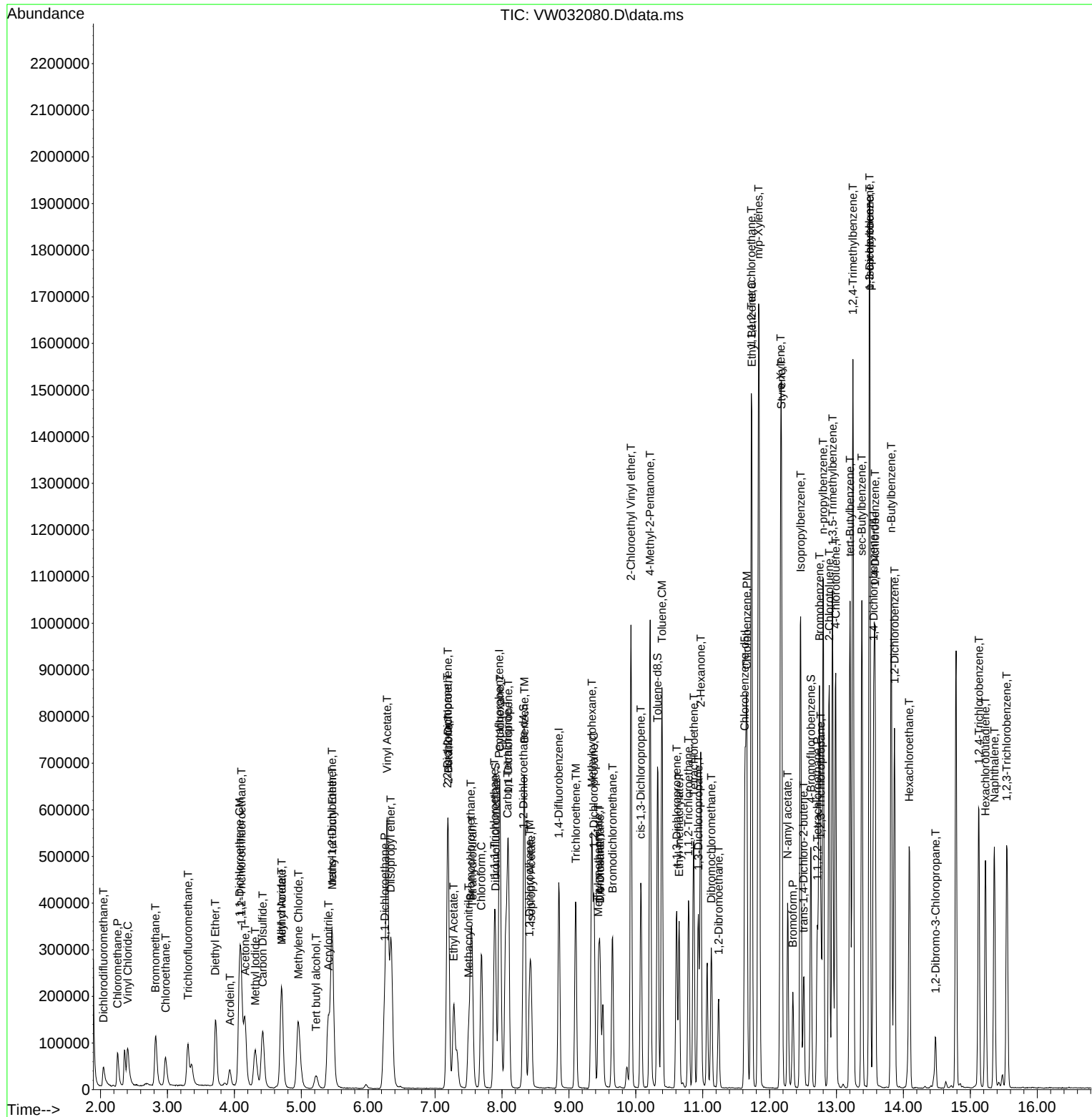
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

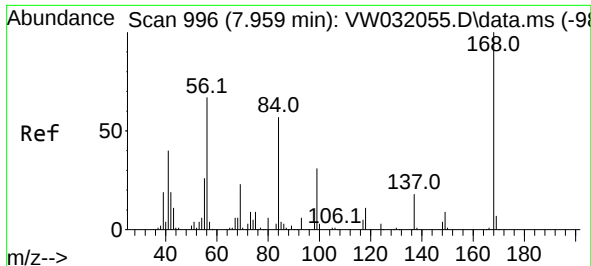
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 QLast Update : Tue Aug 12 04:04:48 2025  
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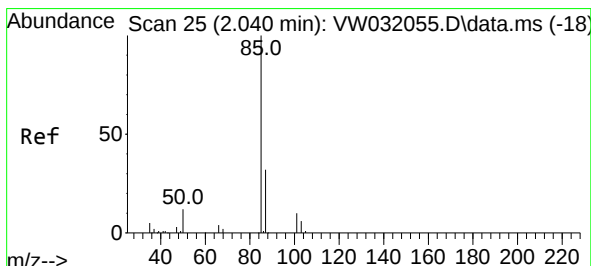
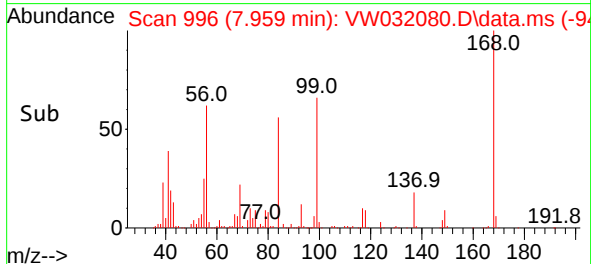
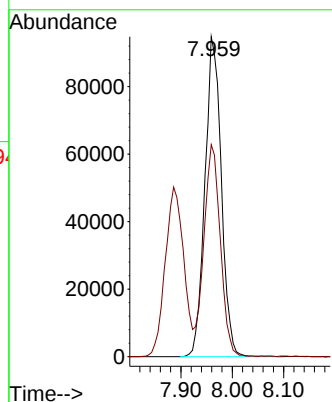
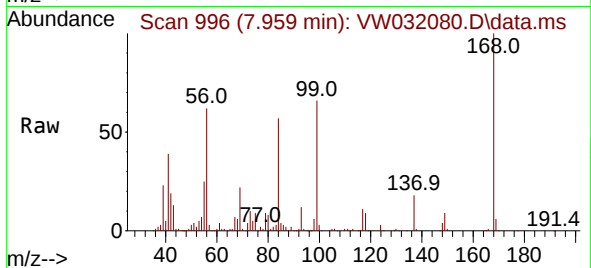




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.959 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

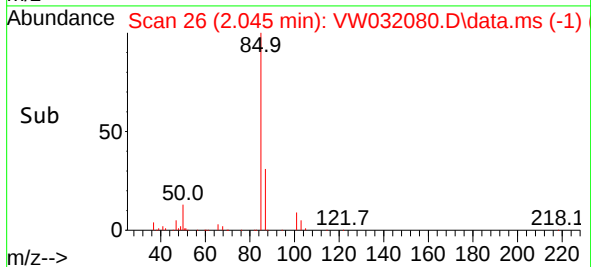
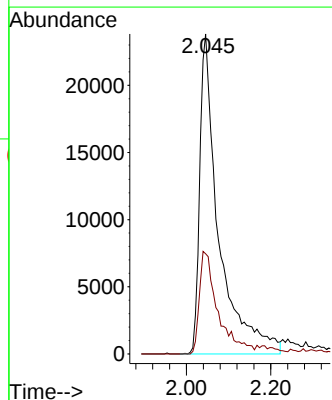
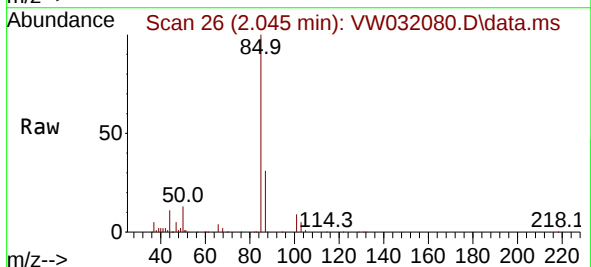
Instrument :  
MSVOA\_W  
ClientSampleId :

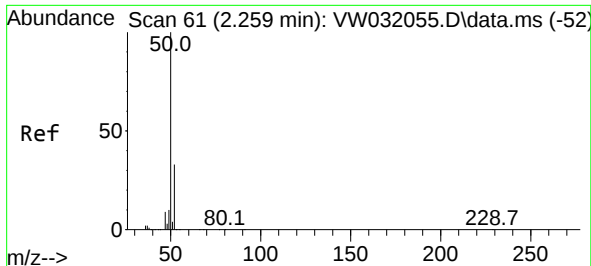
Tgt Ion:168 Resp: 209331  
Ion Ratio Lower Upper  
168 100  
99 66.1 56.0 84.0



#2  
Dichlorodifluoromethane  
Concen: 49.784 ug/l  
RT: 2.045 min Scan# 26  
Delta R.T. 0.006 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 85 Resp: 74536  
Ion Ratio Lower Upper  
85 100  
87 31.3 16.2 48.6

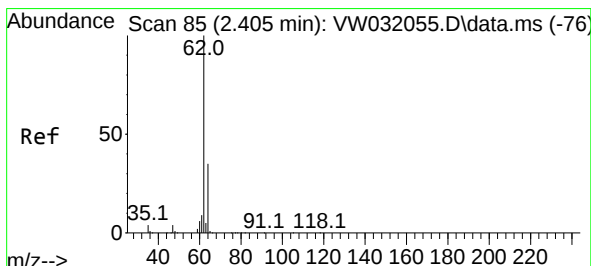
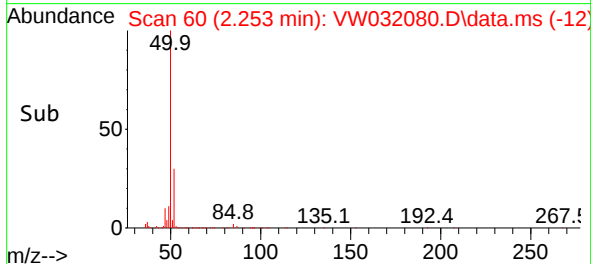
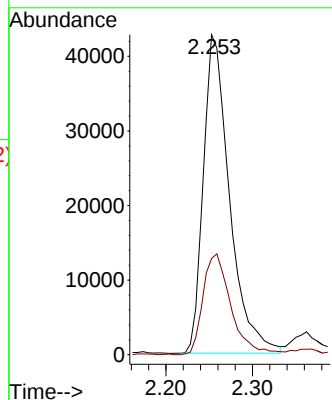
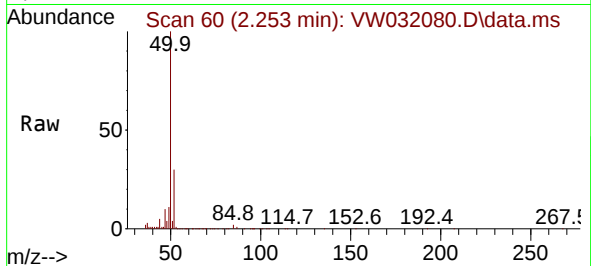




#3  
Chloromethane  
Concen: 44.563 ug/l  
RT: 2.253 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

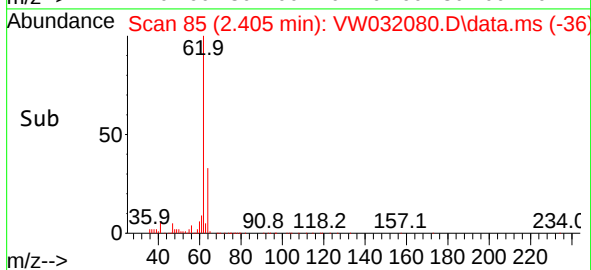
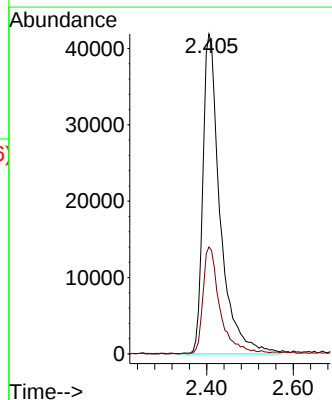
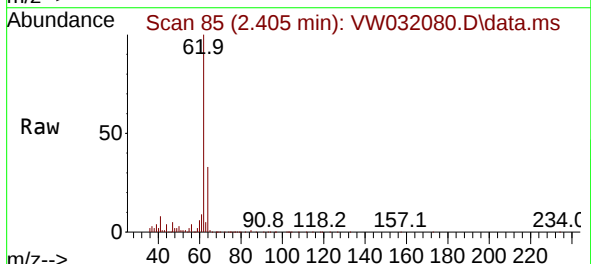
Instrument :  
MSVOA\_W  
ClientSampleId :

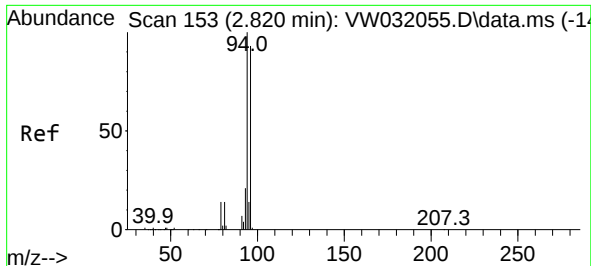
Tgt Ion: 50 Resp: 89872  
Ion Ratio Lower Upper  
50 100  
52 30.2 26.6 39.8



#4  
Vinyl Chloride  
Concen: 47.634 ug/l  
RT: 2.405 min Scan# 85  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 62 Resp: 116200  
Ion Ratio Lower Upper  
62 100  
64 33.3 27.8 41.6

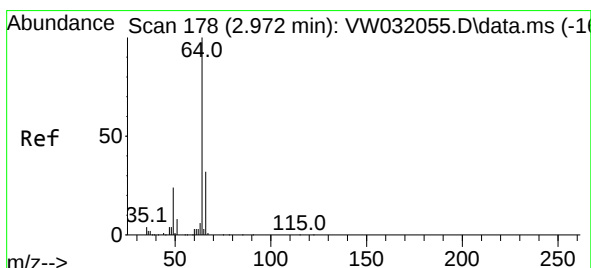
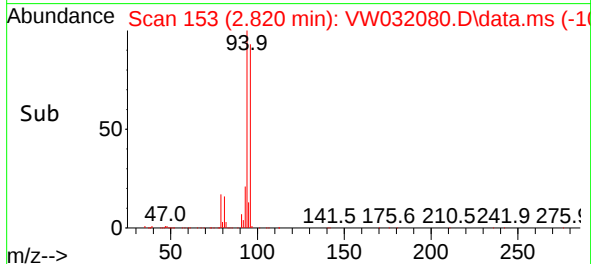
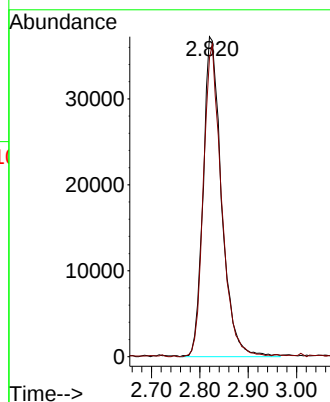
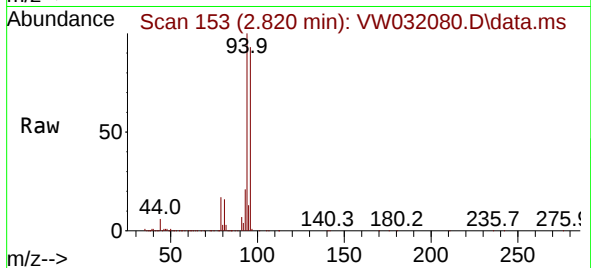




#5  
Bromomethane  
Concen: 53.858 ug/l  
RT: 2.820 min Scan# 153  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

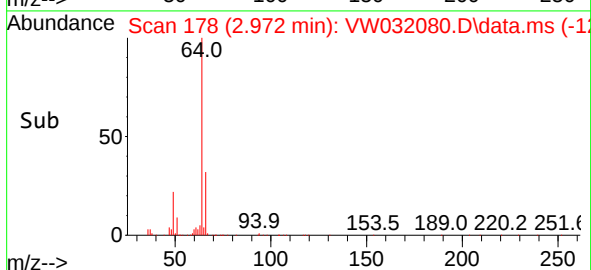
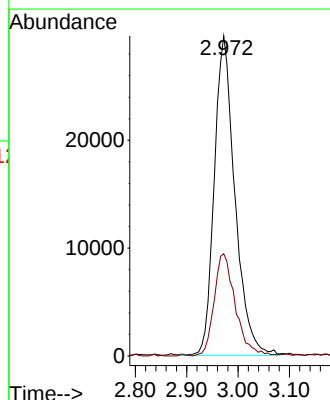
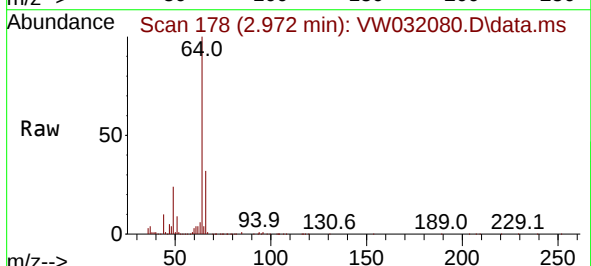
Instrument :  
MSVOA\_W  
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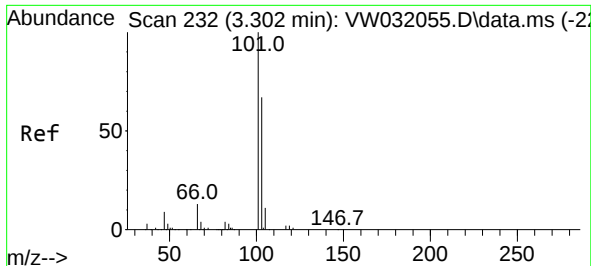
Tgt Ion: 94 Resp: 98568  
Ion Ratio Lower Upper  
94 100  
96 93.5 74.7 112.1



#6  
Chloroethane  
Concen: 51.208 ug/l  
RT: 2.972 min Scan# 178  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 64 Resp: 82661  
Ion Ratio Lower Upper  
64 100  
66 31.5 26.0 39.0

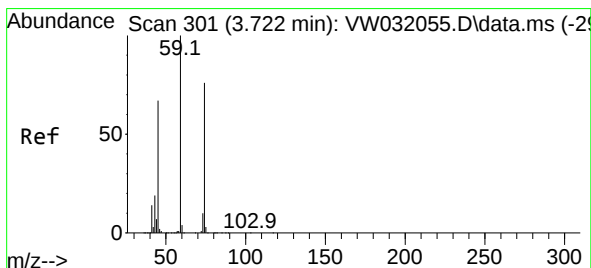
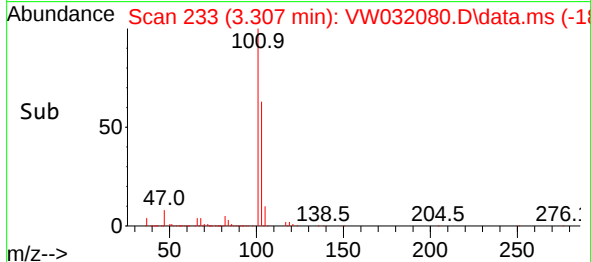
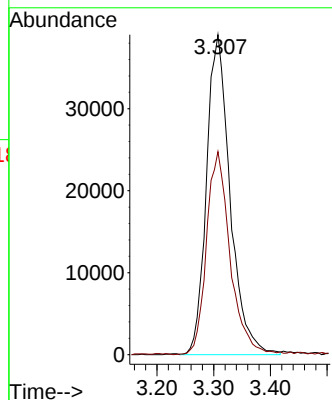
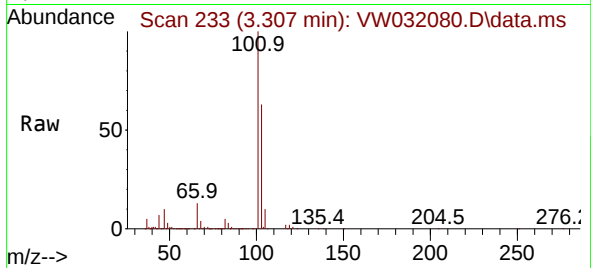




#7  
 Trichlorofluoromethane  
 Concen: 57.752 ug/l  
 RT: 3.307 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VW032080.D  
 Acq: 14 Aug 2025 09:27

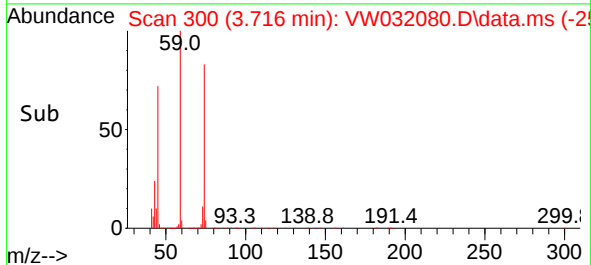
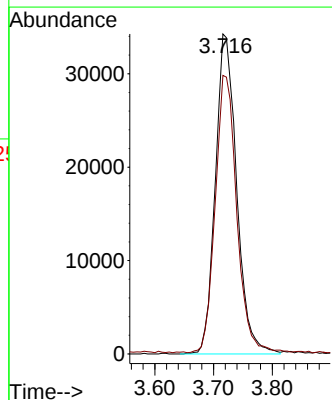
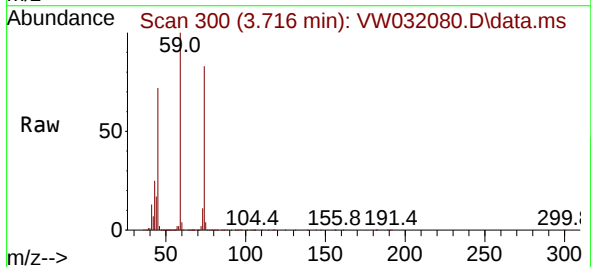
Instrument :  
 MSVOA\_W  
 ClientSampleId :

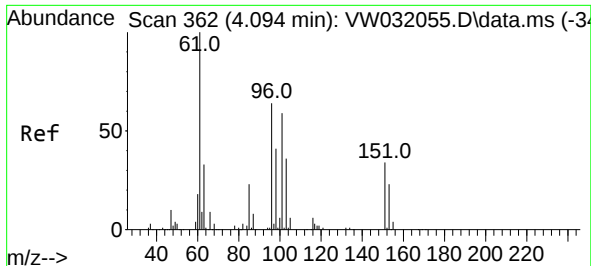
Tgt Ion:101 Resp: 112860  
 Ion Ratio Lower Upper  
 101 100  
 103 63.4 53.4 80.0



#8  
 Diethyl Ether  
 Concen: 54.020 ug/l  
 RT: 3.716 min Scan# 300  
 Delta R.T. -0.006 min  
 Lab File: VW032080.D  
 Acq: 14 Aug 2025 09:27

Tgt Ion: 74 Resp: 86491  
 Ion Ratio Lower Upper  
 74 100  
 45 87.3 45.4 136.2

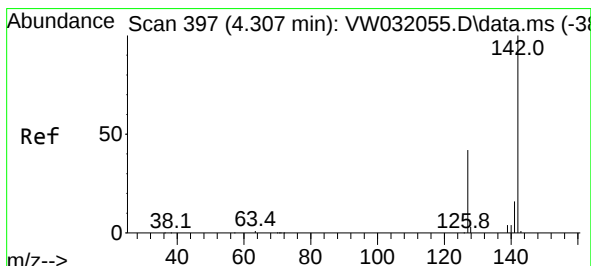
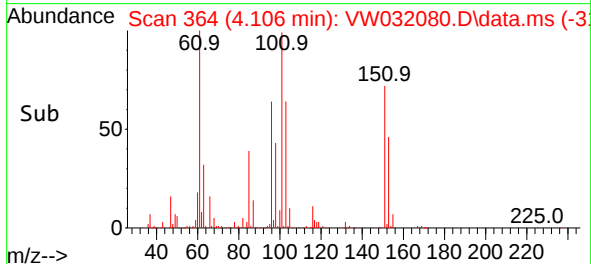
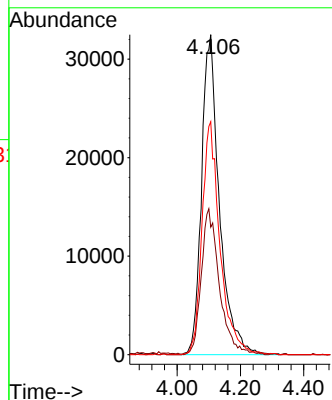
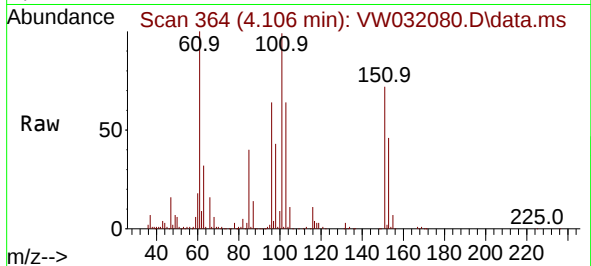




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 55.292 ug/l  
RT: 4.106 min Scan# 364  
Delta R.T. 0.012 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

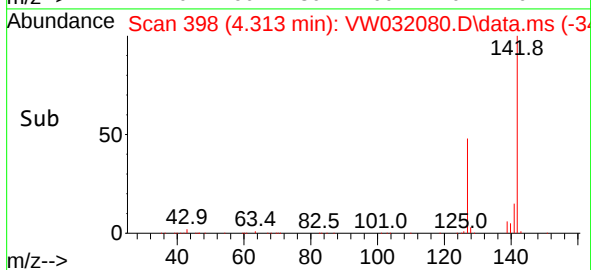
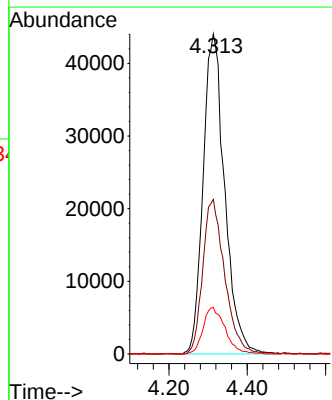
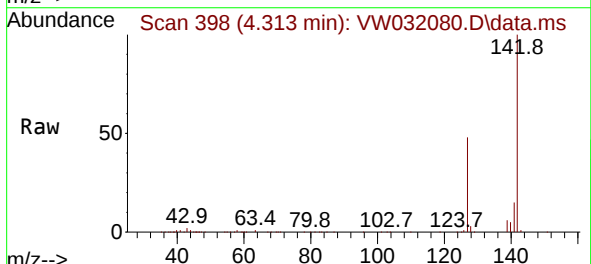
Instrument :  
MSVOA\_W  
ClientSampleId :

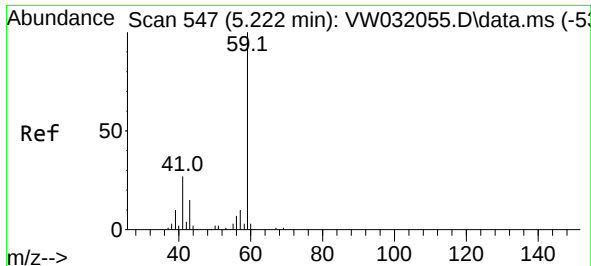
Tgt Ion:101 Resp: 127479  
Ion Ratio Lower Upper  
101 100  
85 46.3 34.9 52.3  
151 73.3 56.2 84.4



#10  
Methyl Iodide  
Concen: 51.502 ug/l  
RT: 4.313 min Scan# 398  
Delta R.T. 0.006 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion:142 Resp: 168357  
Ion Ratio Lower Upper  
142 100  
127 49.1 36.6 55.0  
141 14.9 12.1 18.1

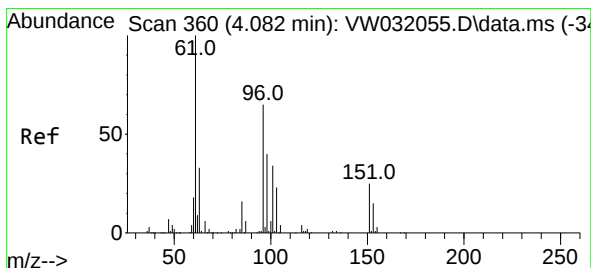
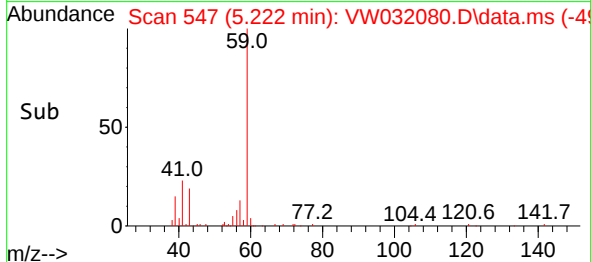
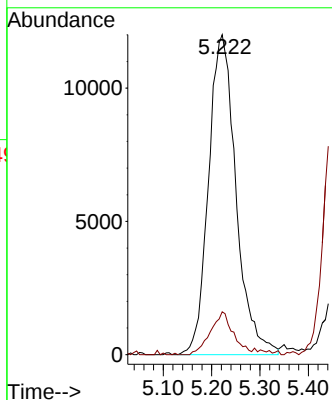
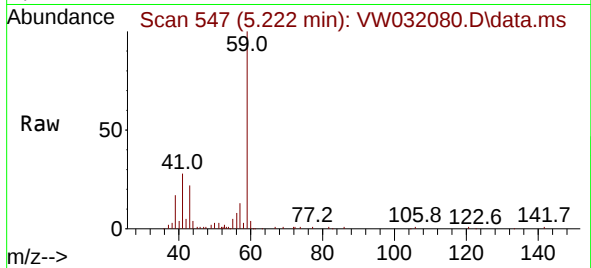




#11  
Tert butyl alcohol  
Concen: 241.851 ug/l  
RT: 5.222 min Scan# 547  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

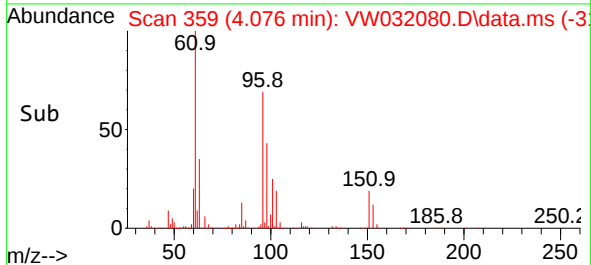
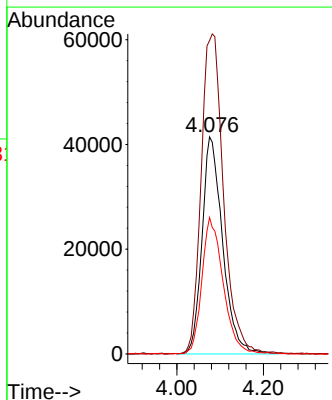
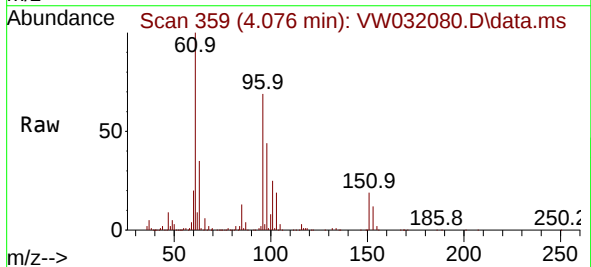
Instrument :  
MSVOA\_W  
ClientSampleId :

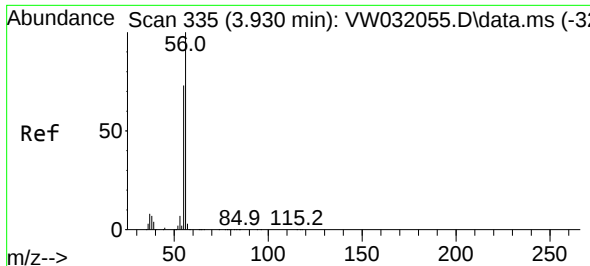
Tgt Ion: 59 Resp: 47413  
Ion Ratio Lower Upper  
59 100  
57 11.1 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 54.052 ug/l  
RT: 4.076 min Scan# 359  
Delta R.T. -0.006 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

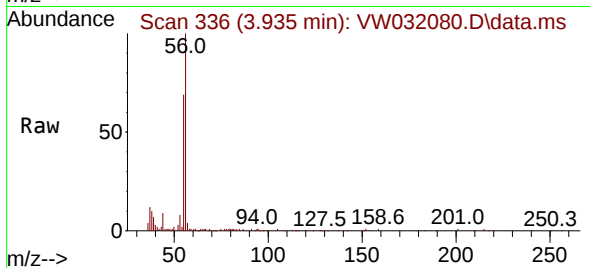
Tgt Ion: 96 Resp: 137220  
Ion Ratio Lower Upper  
96 100  
61 144.2 123.4 185.2  
98 62.7 49.5 74.3



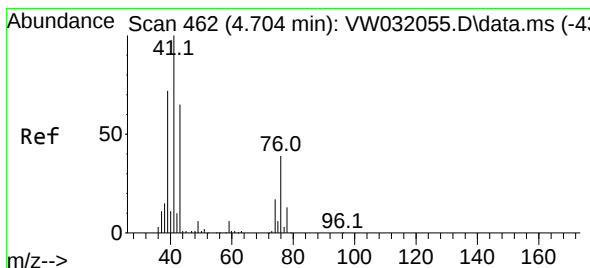
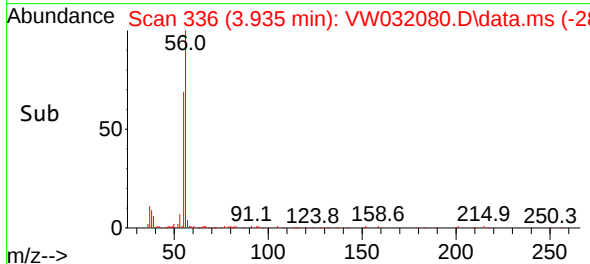
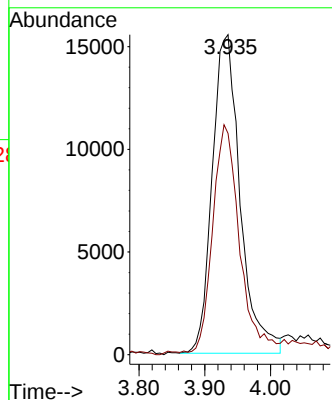


#13  
Acrolein  
Concen: 146.845 ug/l  
RT: 3.935 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Instrument :  
MSVOA\_W  
ClientSampleId :

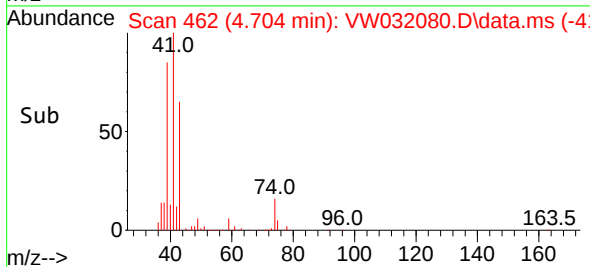
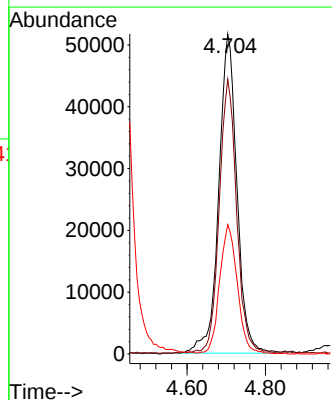
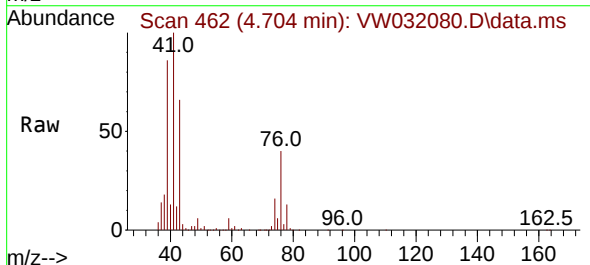


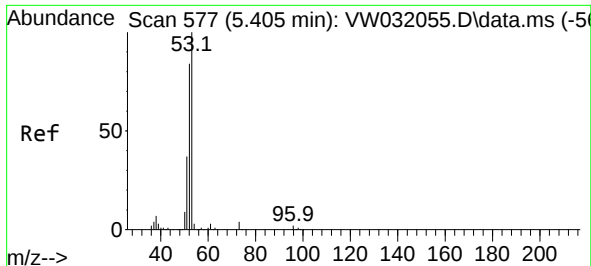
Tgt Ion: 56 Resp: 45869  
Ion Ratio Lower Upper  
56 100  
55 68.2 55.4 83.2



#14  
Allyl chloride  
Concen: 45.111 ug/l  
RT: 4.704 min Scan# 462  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

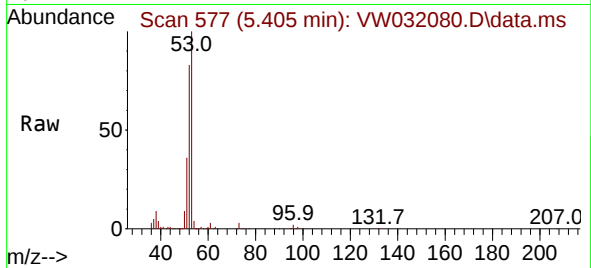
Tgt Ion: 41 Resp: 166676  
Ion Ratio Lower Upper  
41 100  
39 81.9 54.5 81.7#  
76 39.1 29.3 43.9



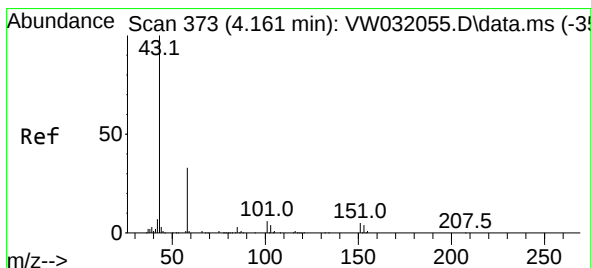
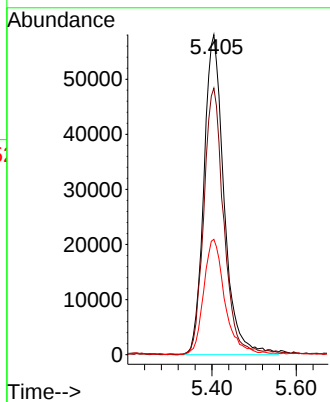
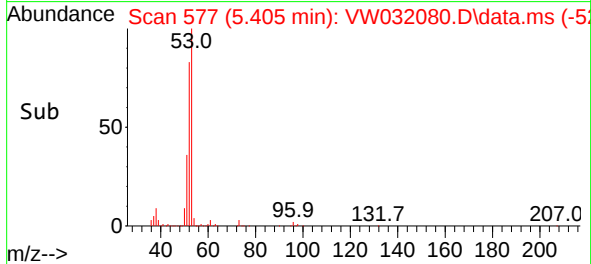


#15  
Acrylonitrile  
Concen: 253.370 ug/l  
RT: 5.405 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Instrument :  
MSVOA\_W  
ClientSampleId :

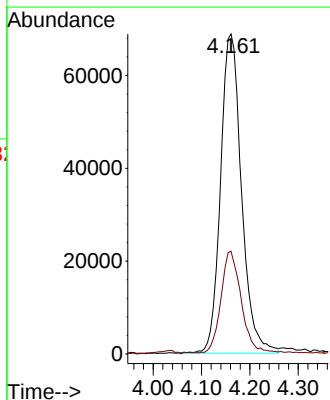
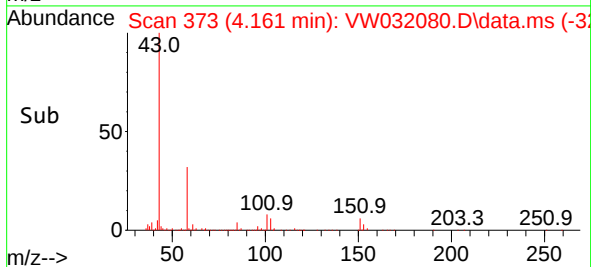
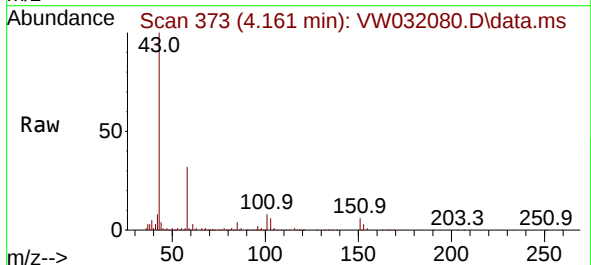


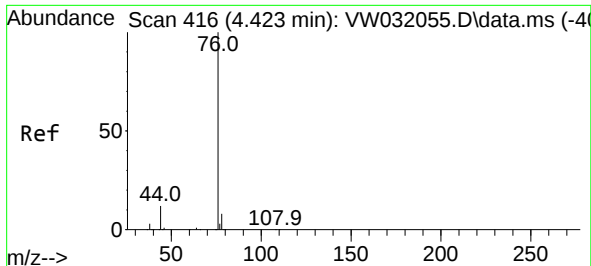
Tgt Ion: 53 Resp: 193220  
Ion Ratio Lower Upper  
53 100  
52 82.1 66.1 99.1  
51 37.4 29.2 43.8



#16  
Acetone  
Concen: 295.783 ug/l  
RT: 4.161 min Scan# 373  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 43 Resp: 207328  
Ion Ratio Lower Upper  
43 100  
58 31.7 26.6 39.8

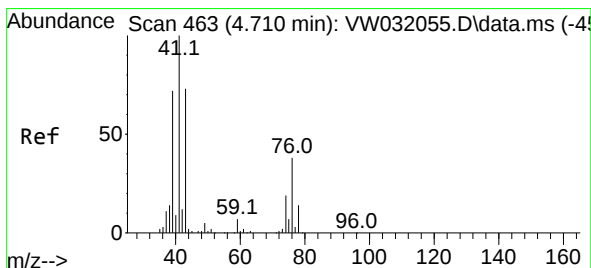
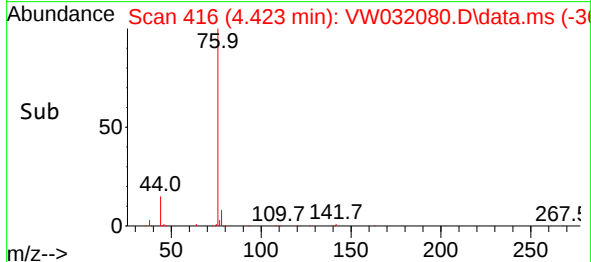
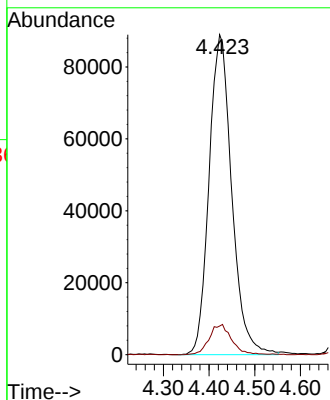
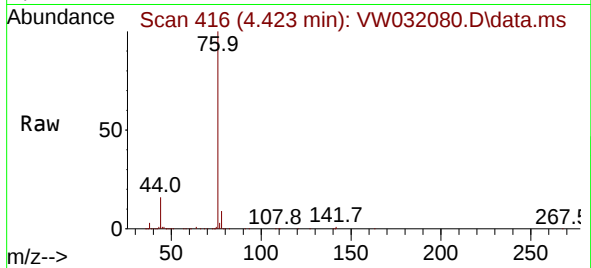




#17  
Carbon Disulfide  
Concen: 45.000 ug/l  
RT: 4.423 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

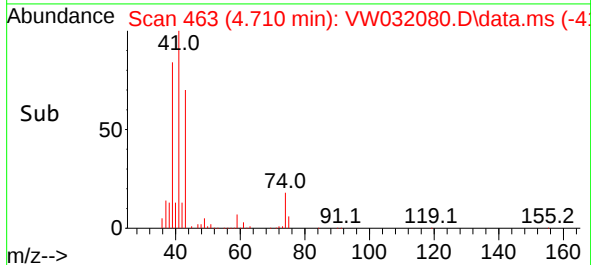
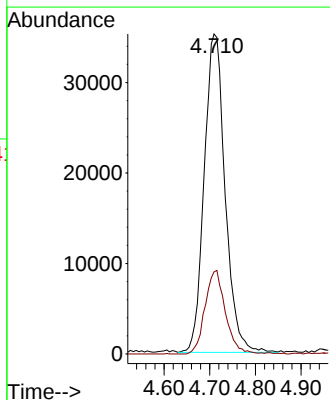
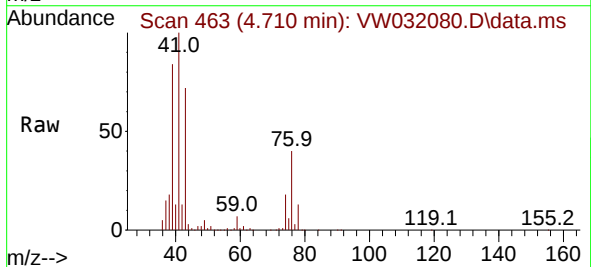
Instrument :  
MSVOA\_W  
ClientSampleId :

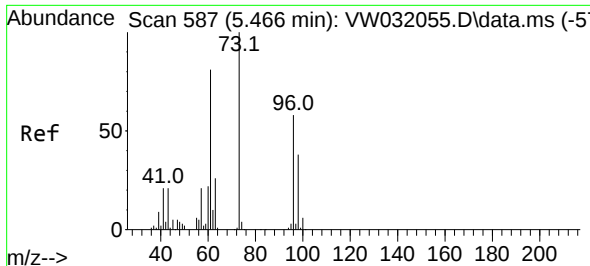
Tgt Ion: 76 Resp: 306638  
Ion Ratio Lower Upper  
76 100  
78 8.9 6.4 9.6



#18  
Methyl Acetate  
Concen: 50.516 ug/l  
RT: 4.710 min Scan# 463  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 43 Resp: 112047  
Ion Ratio Lower Upper  
43 100  
74 25.5 20.6 31.0

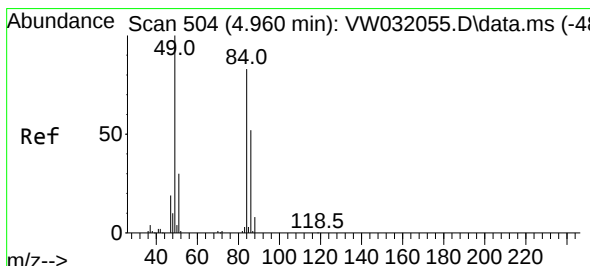
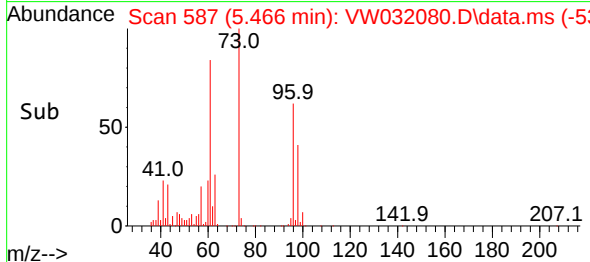
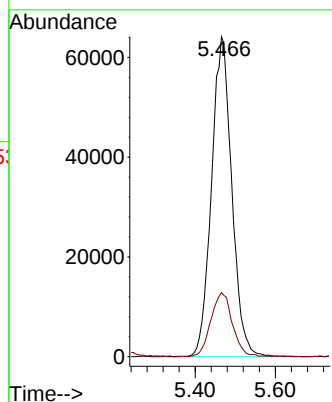
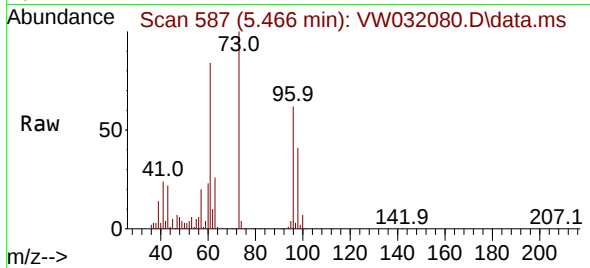




#19  
Methyl tert-butyl Ether  
Concen: 50.329 ug/l  
RT: 5.466 min Scan# 587  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

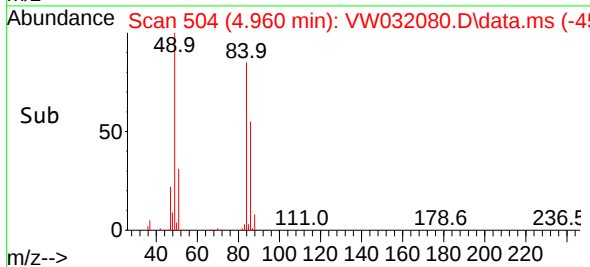
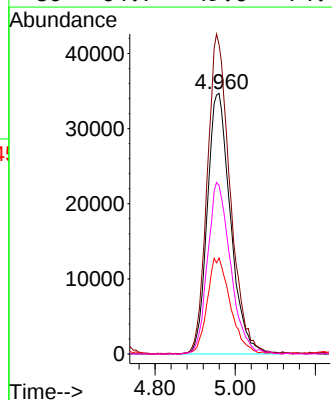
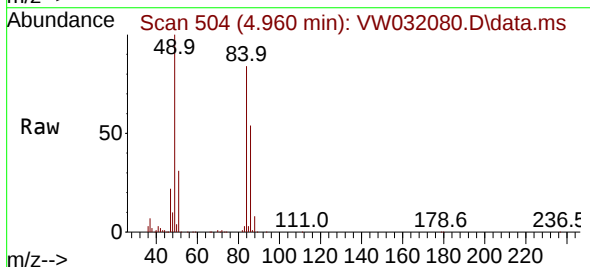
Instrument :  
MSVOA\_W  
ClientSampleId :

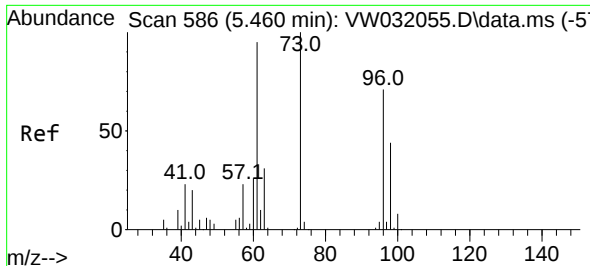
Tgt Ion: 73 Resp: 225122  
Ion Ratio Lower Upper  
73 100  
57 19.9 17.2 25.8



#20  
Methylene Chloride  
Concen: 42.955 ug/l  
RT: 4.960 min Scan# 504  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 84 Resp: 139212  
Ion Ratio Lower Upper  
84 100  
49 118.8 95.9 143.9  
51 36.8 28.6 43.0  
86 64.7 49.6 74.4





#21

trans-1,2-Dichloroethene

Concen: 50.080 ug/l

RT: 5.459 min Scan# 51

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

ClientSampleId :

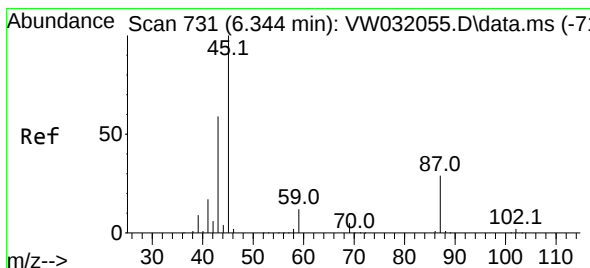
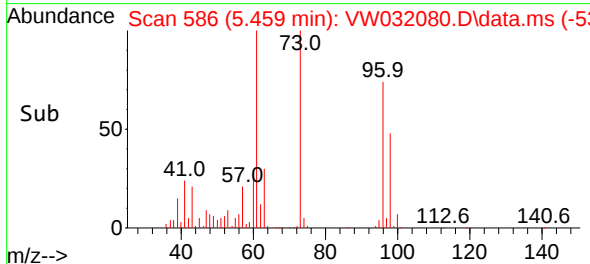
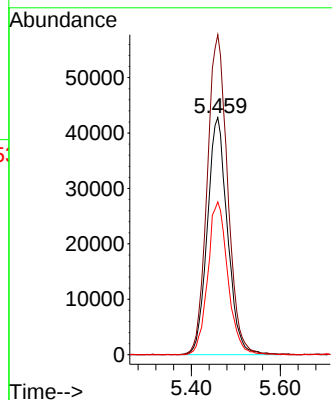
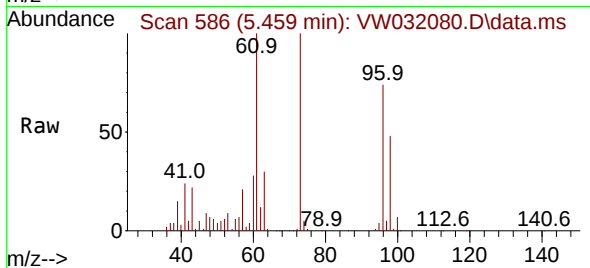
Tgt Ion: 96 Resp: 134920

Ion Ratio Lower Upper

96 100

61 134.8 106.8 160.2

98 64.4 49.6 74.4



#22

Diisopropyl ether

Concen: 49.971 ug/l

RT: 6.337 min Scan# 730

Delta R.T. -0.006 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Tgt Ion: 45 Resp: 389232

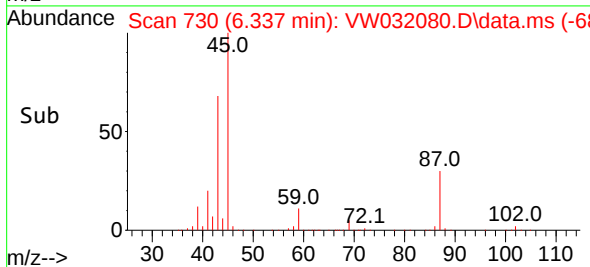
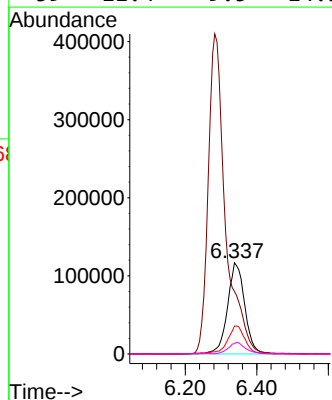
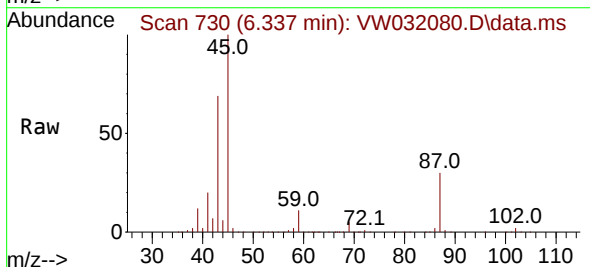
Ion Ratio Lower Upper

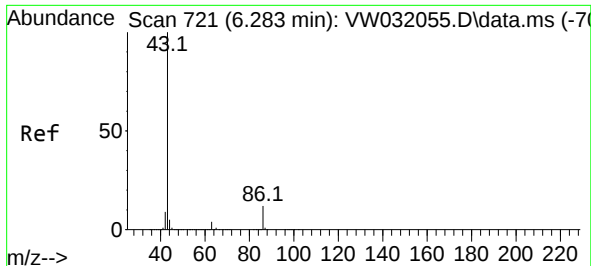
45 100

43 68.5 47.0 70.4

87 30.4 23.8 35.8

59 11.4 9.5 14.3



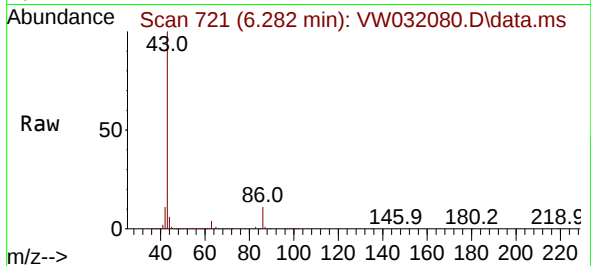


#23  
 Vinyl Acetate  
 Concen: 268.547 ug/l  
 RT: 6.282 min Scan# 714  
 Delta R.T. -0.000 min  
 Lab File: VW032080.D  
 Acq: 14 Aug 2025 09:27

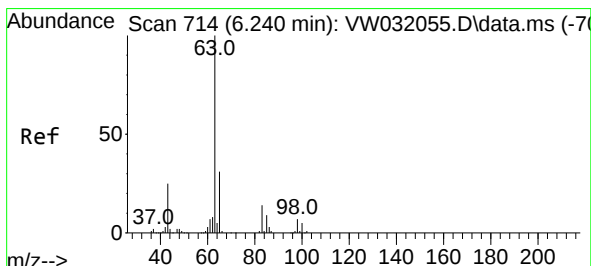
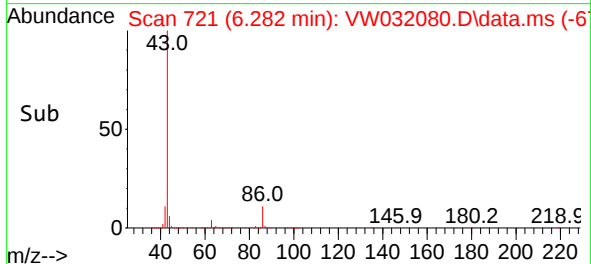
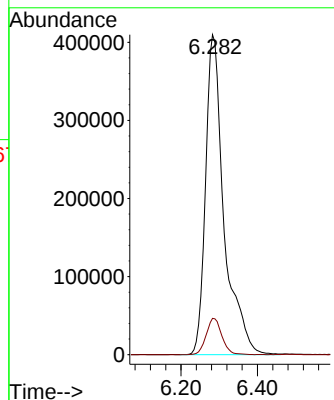
Instrument :

MSVOA\_W

ClientSampleId :

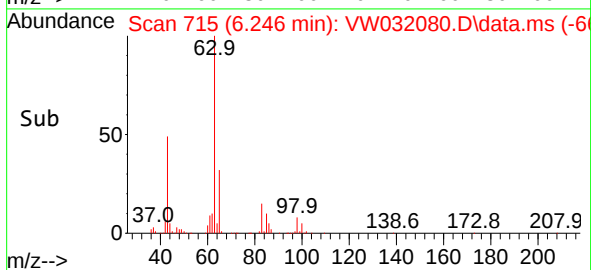
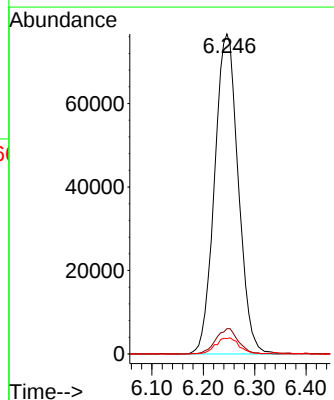
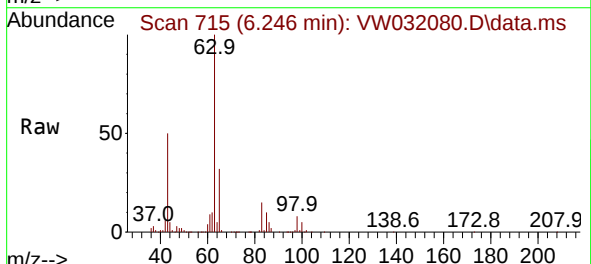


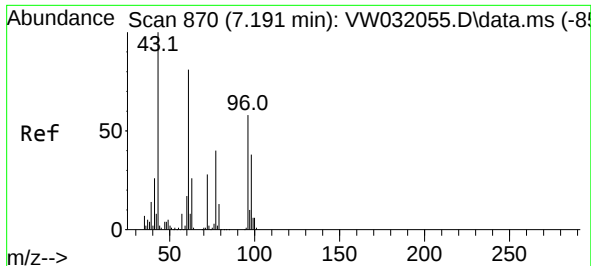
Tgt Ion: 43 Resp: 1373340  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 9.4 14.0



#24  
 1,1-Dichloroethane  
 Concen: 49.263 ug/l  
 RT: 6.246 min Scan# 715  
 Delta R.T. 0.006 min  
 Lab File: VW032080.D  
 Acq: 14 Aug 2025 09:27

Tgt Ion: 63 Resp: 245164  
 Ion Ratio Lower Upper  
 63 100  
 98 7.9 3.7 11.1  
 100 4.8 2.5 7.4

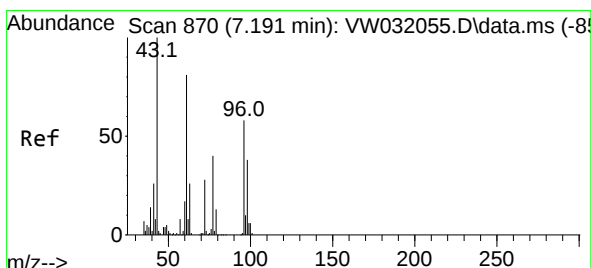
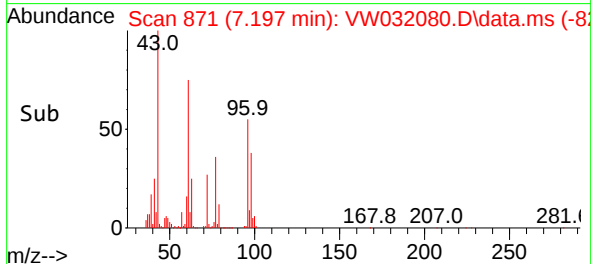
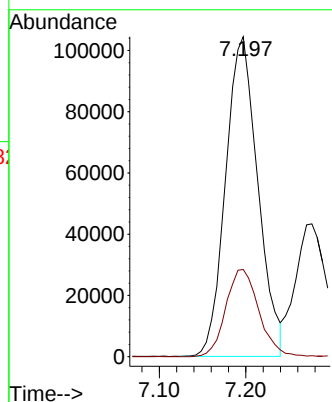
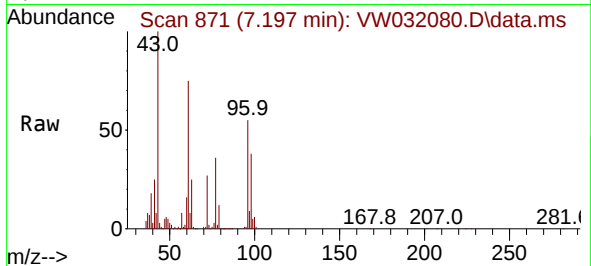




#25  
2-Butanone  
Concen: 271.199 ug/l  
RT: 7.197 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

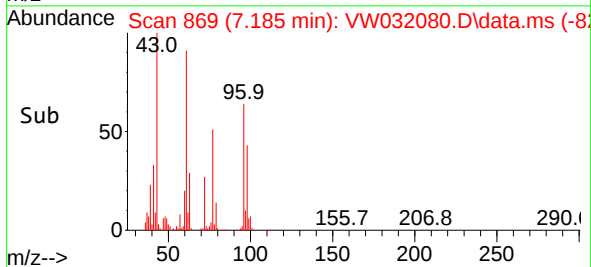
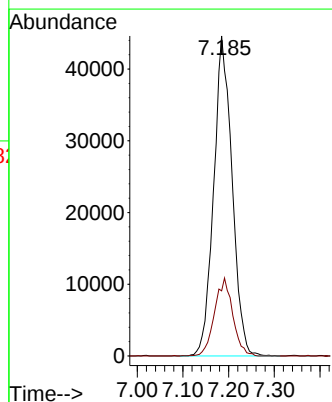
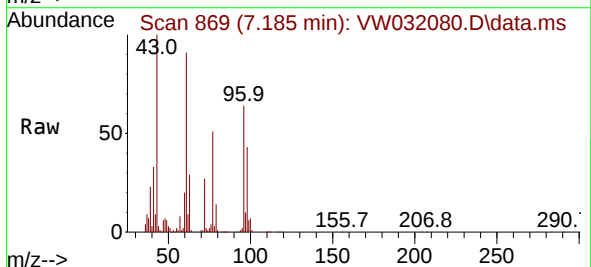
Instrument :  
MSVOA\_W  
ClientSampleId :

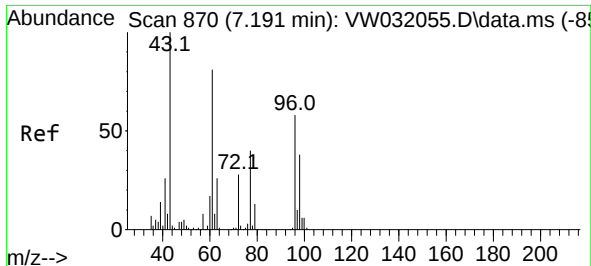
Tgt Ion: 43 Resp: 270175  
Ion Ratio Lower Upper  
43 100  
72 27.3 22.3 33.5



#26  
2,2-Dichloropropane  
Concen: 49.956 ug/l  
RT: 7.185 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 77 Resp: 124724  
Ion Ratio Lower Upper  
77 100  
97 24.2 12.3 36.9

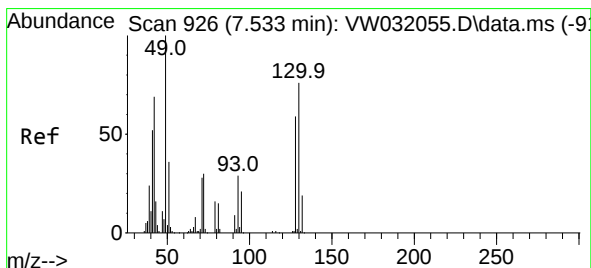
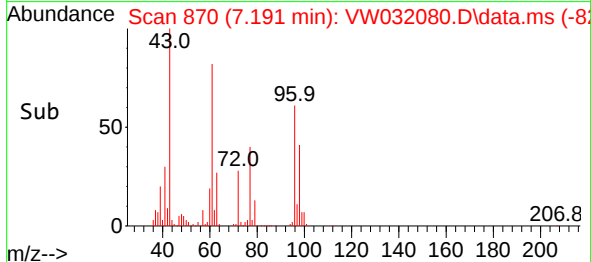
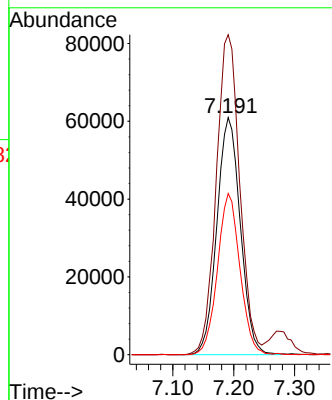
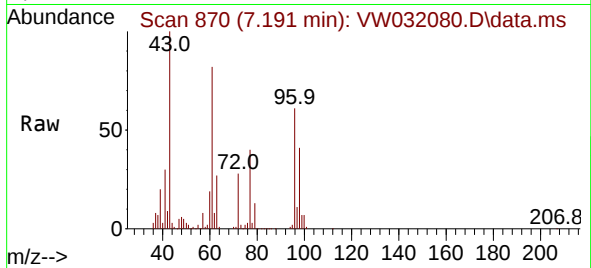




#27  
 cis-1,2-Dichloroethene  
 Concen: 51.787 ug/l  
 RT: 7.191 min Scan# 870  
 Delta R.T. -0.000 min  
 Lab File: VW032080.D  
 Acq: 14 Aug 2025 09:27

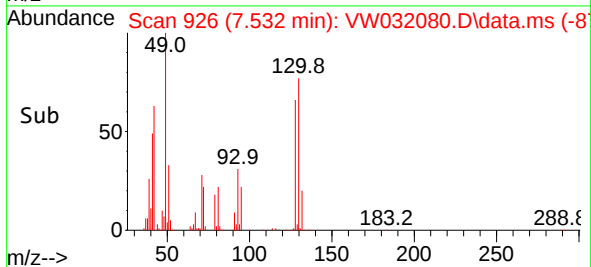
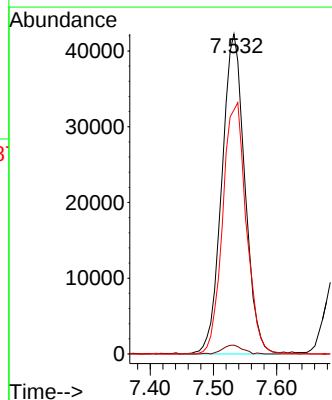
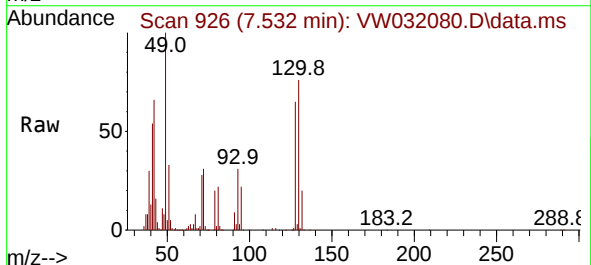
Instrument :  
 MSVOA\_W  
 ClientSampleId :

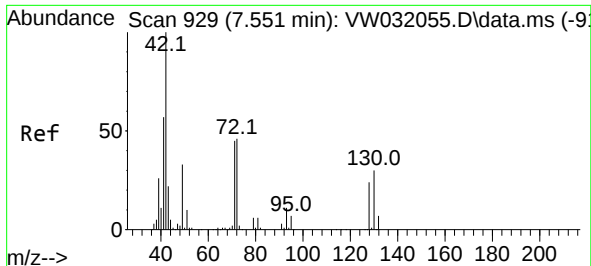
Tgt Ion: 96 Resp: 163086  
 Ion Ratio Lower Upper  
 96 100  
 61 135.4 0.0 281.2  
 98 65.1 0.0 130.8



#28  
 Bromochloromethane  
 Concen: 47.126 ug/l  
 RT: 7.532 min Scan# 926  
 Delta R.T. -0.000 min  
 Lab File: VW032080.D  
 Acq: 14 Aug 2025 09:27

Tgt Ion: 49 Resp: 106726  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 4.2  
 130 80.3 61.9 92.9





#29

Tetrahydrofuran

Concen: 261.846 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

ClientSampleId :

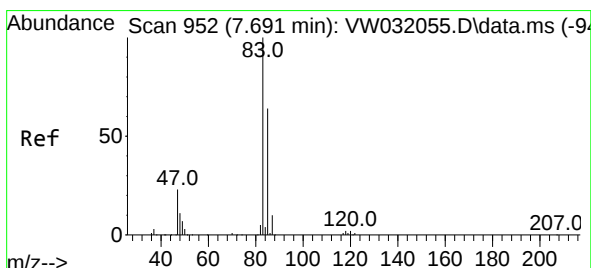
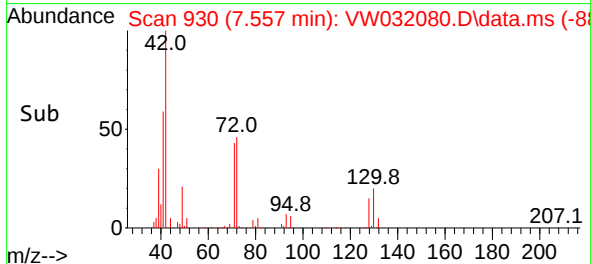
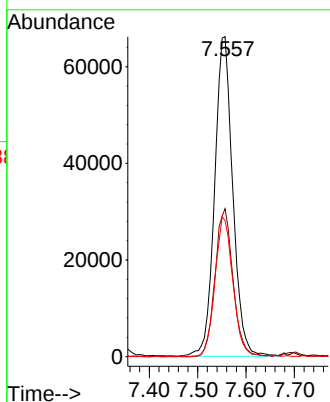
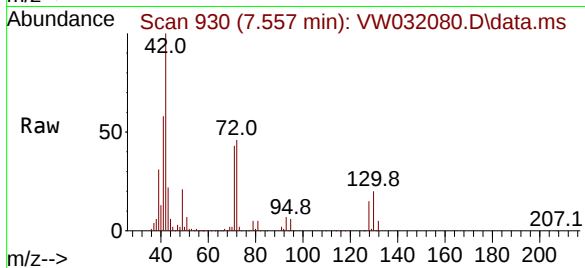
Tgt Ion: 42 Resp: 172032

Ion Ratio Lower Upper

42 100

72 45.9 36.6 55.0

71 43.5 34.7 52.1



#30

Chloroform

Concen: 53.058 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.000 min

Lab File: VW032080.D

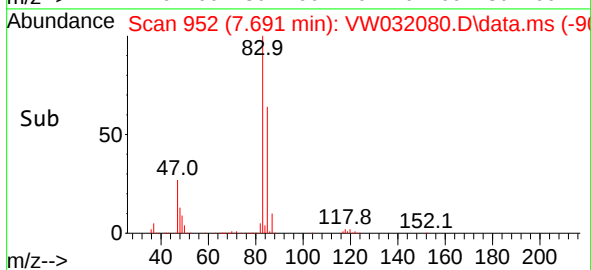
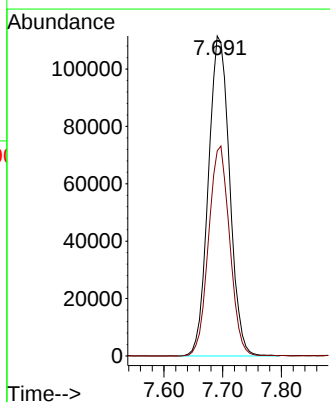
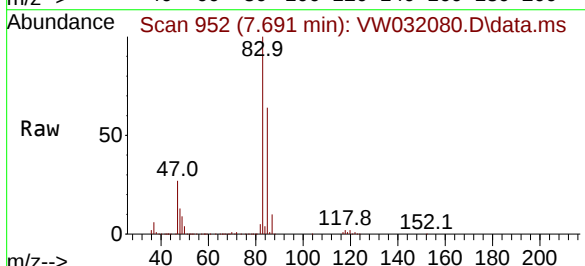
Acq: 14 Aug 2025 09:27

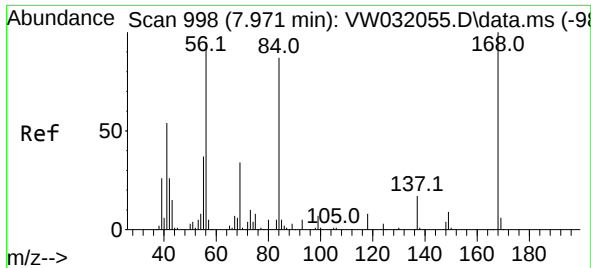
Tgt Ion: 83 Resp: 279930

Ion Ratio Lower Upper

83 100

85 64.1 51.0 76.4

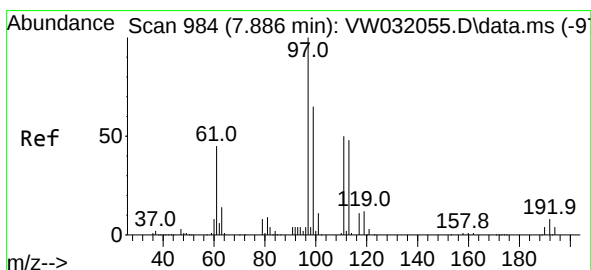
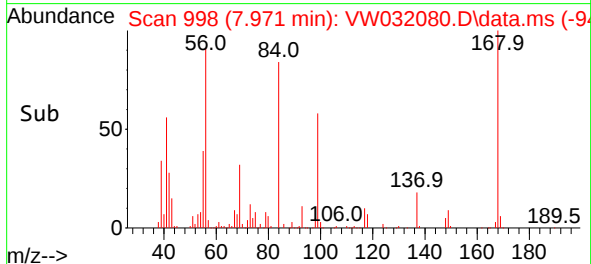
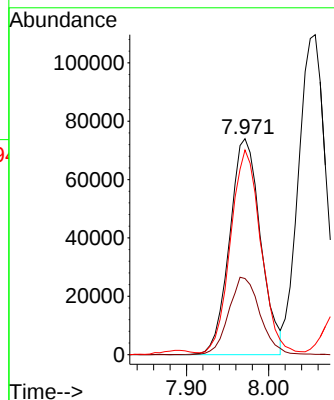
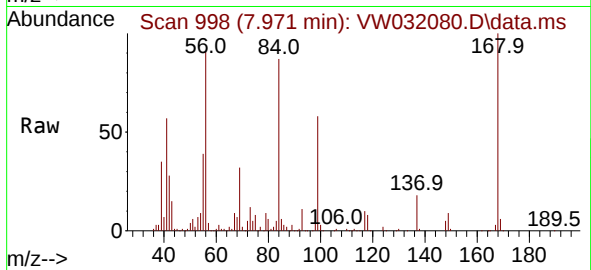




#31  
Cyclohexane  
Concen: 45.011 ug/l  
RT: 7.971 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

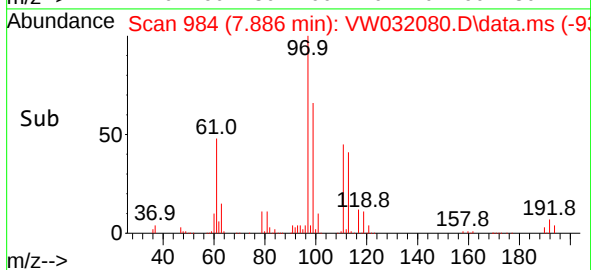
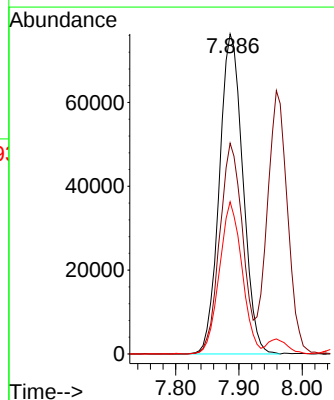
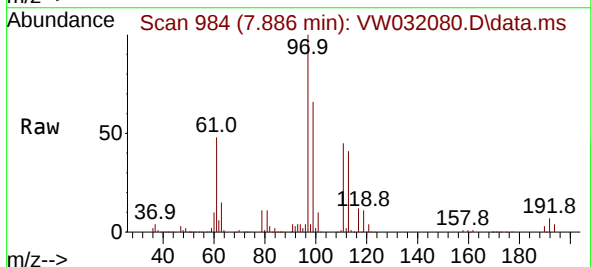
Instrument :  
MSVOA\_W  
ClientSampleId :

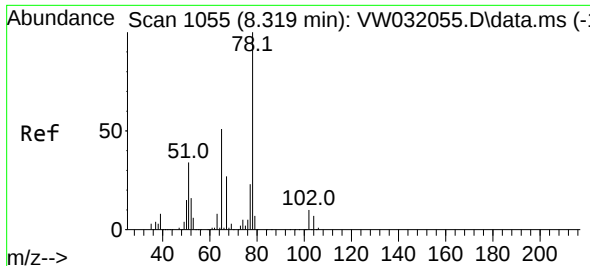
Tgt Ion: 56 Resp: 194201  
Ion Ratio Lower Upper  
56 100  
69 35.1 28.6 42.8  
84 92.7 73.0 109.4



#32  
1,1,1-Trichloroethane  
Concen: 51.378 ug/l  
RT: 7.886 min Scan# 984  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 97 Resp: 196892  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.8 77.8  
61 45.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 50.347 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

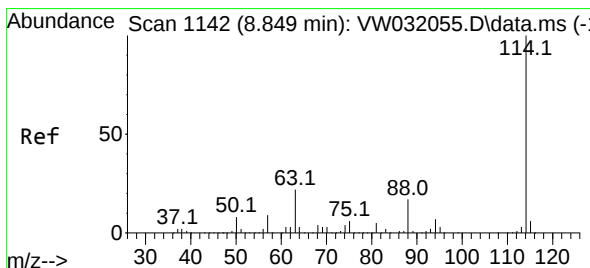
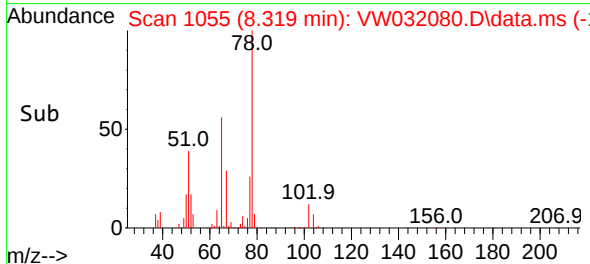
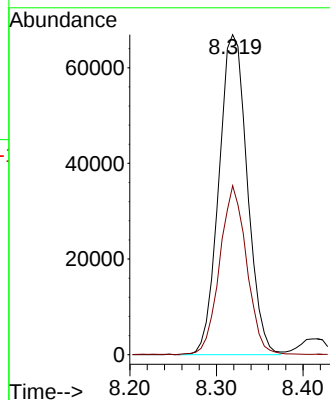
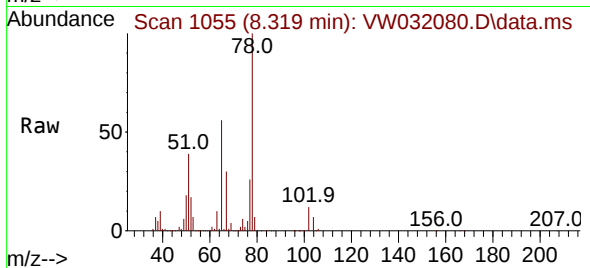
ClientSampleId :

Tgt Ion: 65 Resp: 152426

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

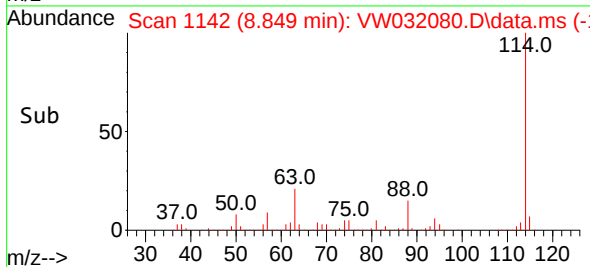
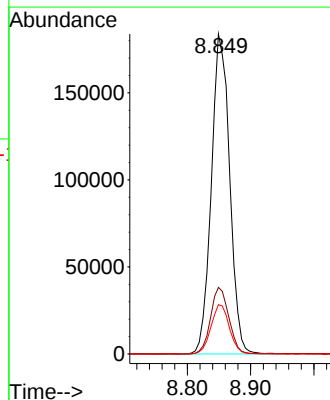
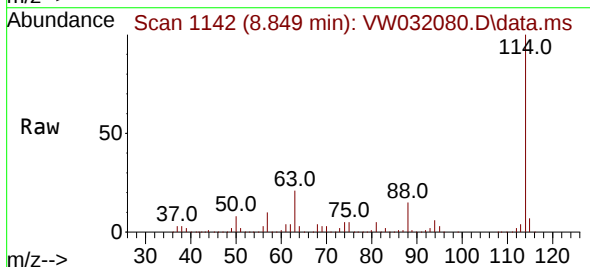
Tgt Ion: 114 Resp: 369087

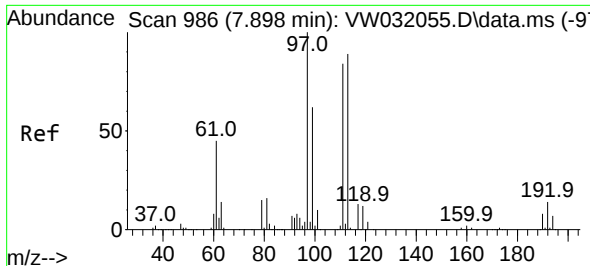
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.0

88 15.4 0.0 33.8

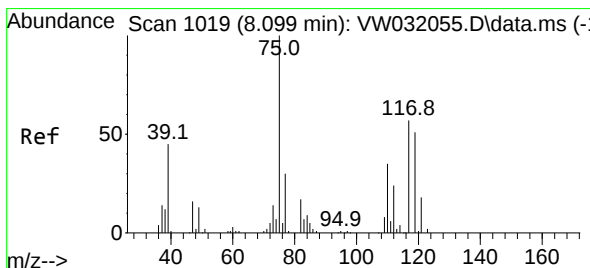
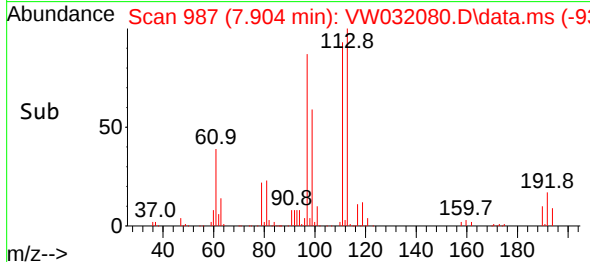
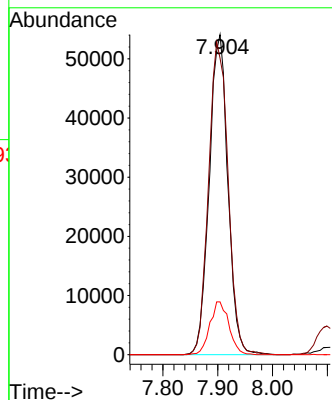
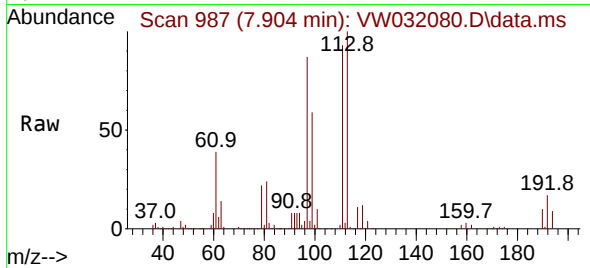




#35  
 Dibromofluoromethane  
 Concen: 53.483 ug/l  
 RT: 7.904 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VW032080.D  
 Acq: 14 Aug 2025 09:27

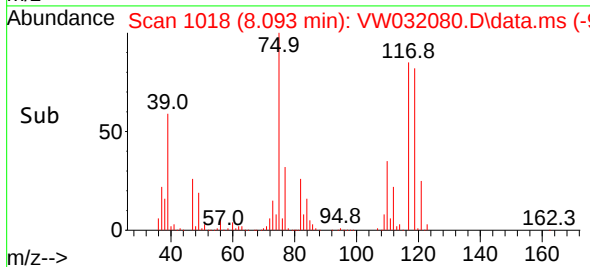
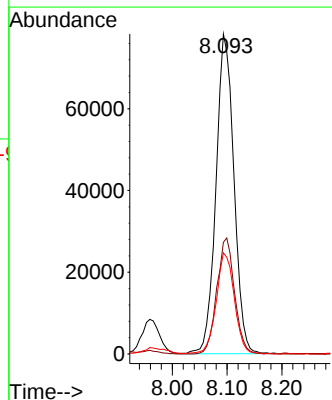
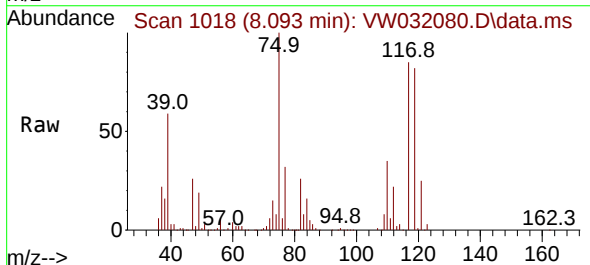
Instrument :  
 MSVOA\_W  
 ClientSampleId :

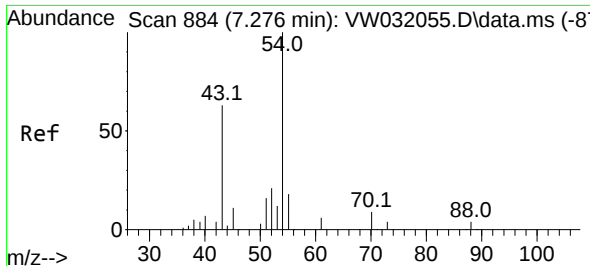
Tgt Ion:113 Resp: 127528  
 Ion Ratio Lower Upper  
 113 100  
 111 102.5 80.1 120.1  
 192 16.9 13.1 19.7



#36  
 1,1-Dichloropropene  
 Concen: 53.016 ug/l  
 RT: 8.093 min Scan# 1018  
 Delta R.T. -0.006 min  
 Lab File: VW032080.D  
 Acq: 14 Aug 2025 09:27

Tgt Ion: 75 Resp: 178210  
 Ion Ratio Lower Upper  
 75 100  
 110 35.8 17.4 52.2  
 77 32.1 24.7 37.1

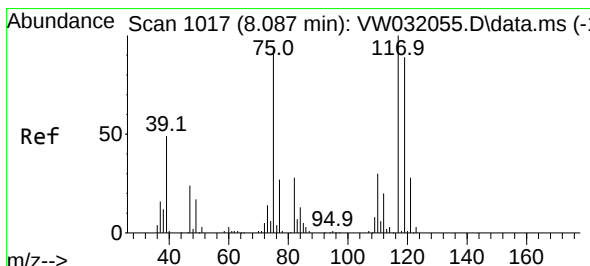
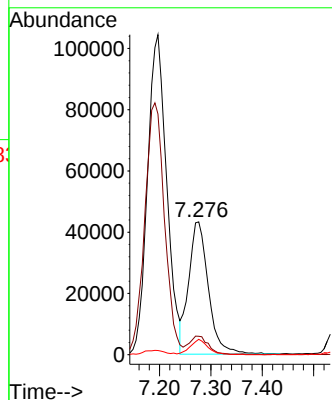
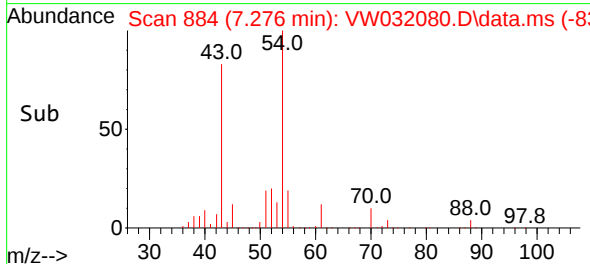
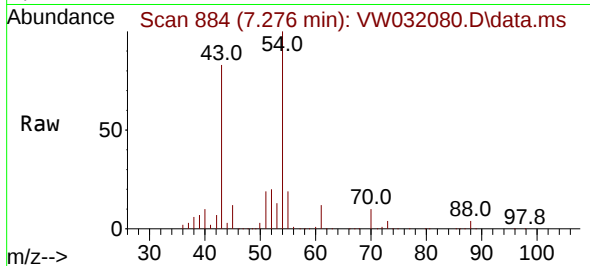




#37  
Ethyl Acetate  
Concen: 58.145 ug/l  
RT: 7.276 min Scan# 884  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

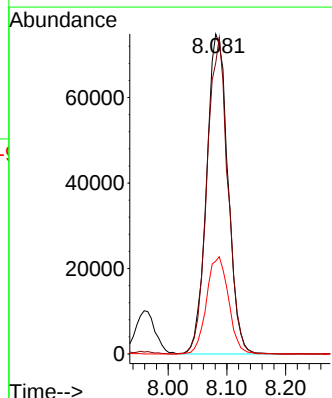
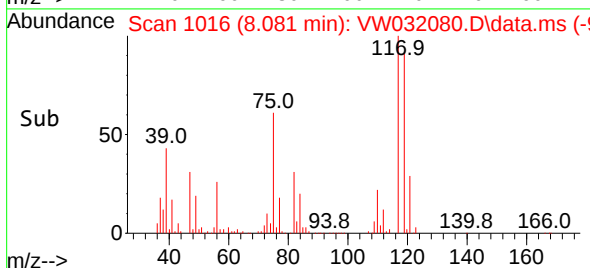
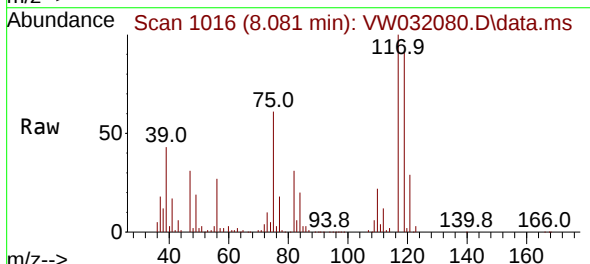
Instrument :  
MSVOA\_W  
ClientSampleId :

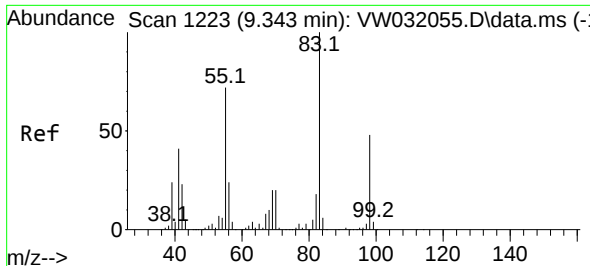
Tgt Ion: 43 Resp: 115111  
Ion Ratio Lower Upper  
43 100  
61 13.0 11.8 17.6  
70 10.4 9.4 14.0



#38  
Carbon Tetrachloride  
Concen: 58.281 ug/l  
RT: 8.081 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

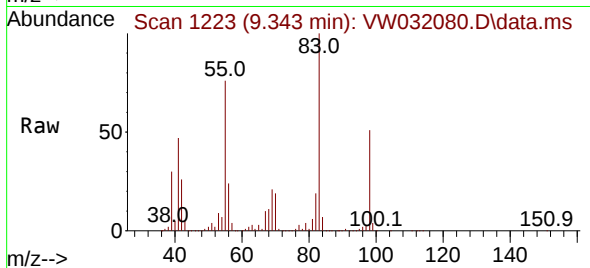
Tgt Ion: 117 Resp: 189059  
Ion Ratio Lower Upper  
117 100  
119 90.9 71.4 107.2  
121 29.0 22.3 33.5





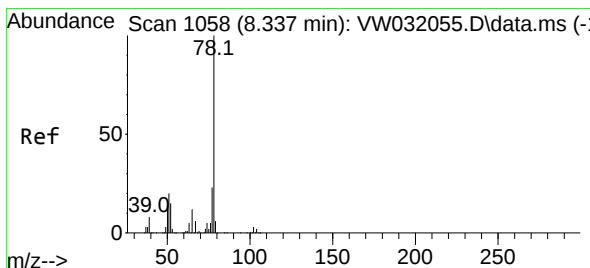
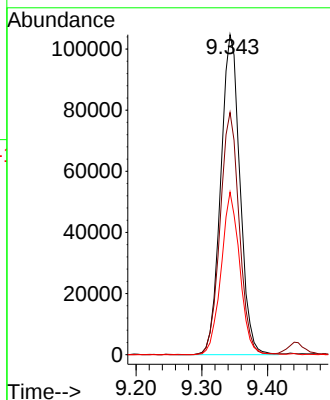
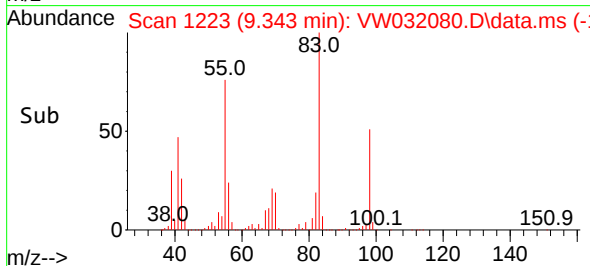
#39  
Methylcyclohexane  
Concen: 52.018 ug/l  
RT: 9.343 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Instrument :  
MSVOA\_W  
ClientSampleId :

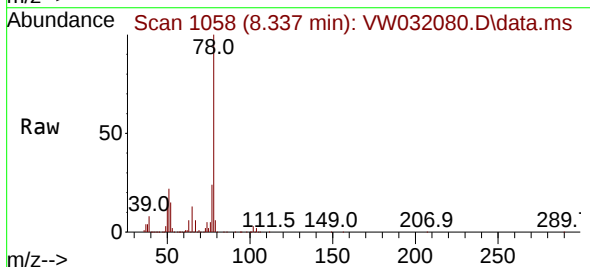


Tgt Ion: 83 Resp: 213123

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 75.6  | 57.9  | 86.9  |
| 98  | 50.8  | 38.3  | 57.5  |

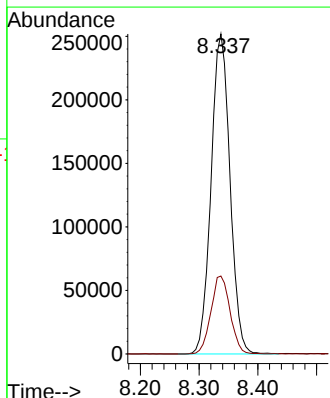
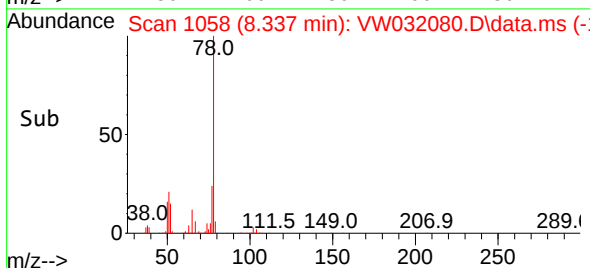


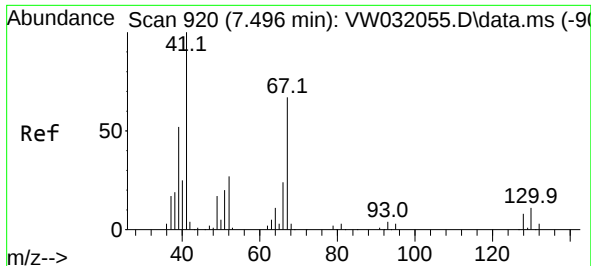
#40  
Benzene  
Concen: 53.892 ug/l  
RT: 8.337 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27



Tgt Ion: 78 Resp: 563104

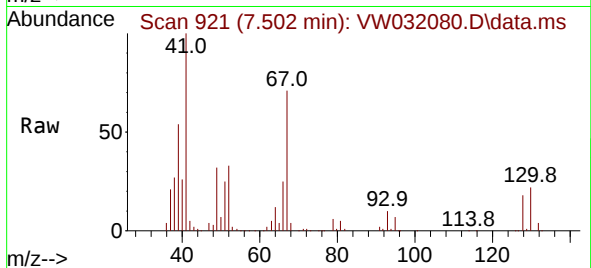
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.4  | 18.4  | 27.6  |



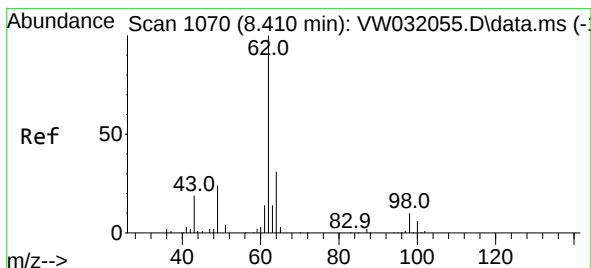
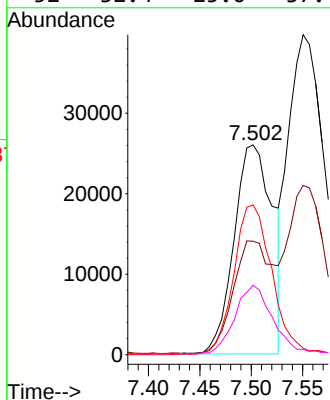
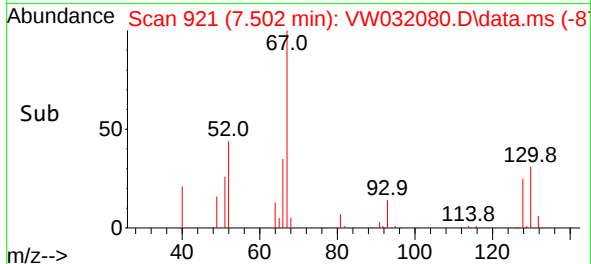


#41  
Methacrylonitrile  
Concen: 60.380 ug/l  
RT: 7.502 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Instrument :  
MSVOA\_W  
ClientSampleId :

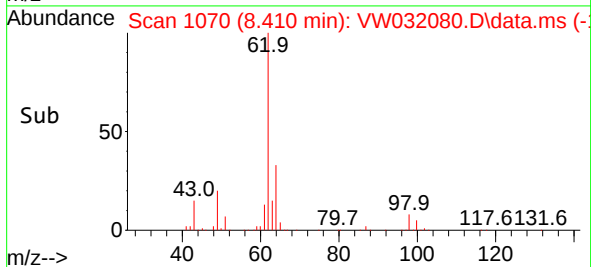
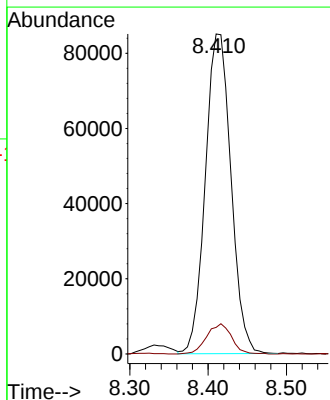
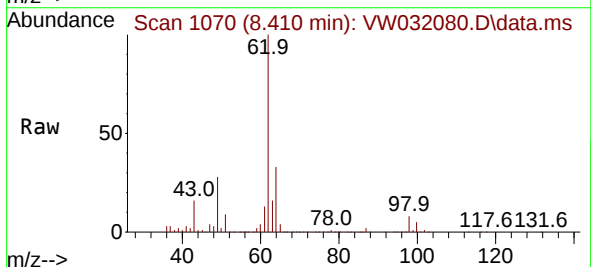


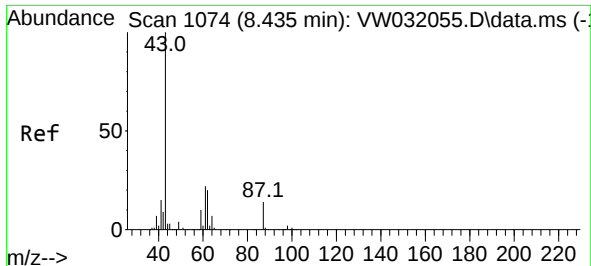
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 67789 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.8  | 42.6  | 63.8  |
| 67       | 71.2  | 61.0  | 91.4  |
| 52       | 32.4  | 25.0  | 37.4  |



#42  
1,2-Dichloroethane  
Concen: 57.820 ug/l  
RT: 8.410 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 193320 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.2   | 0.0   | 19.8   |

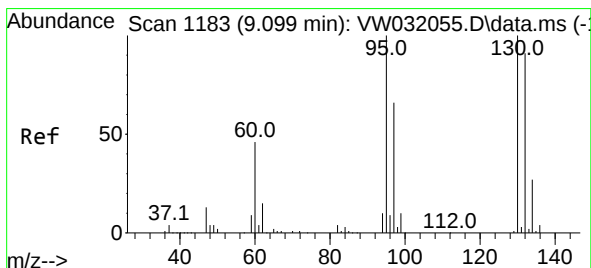
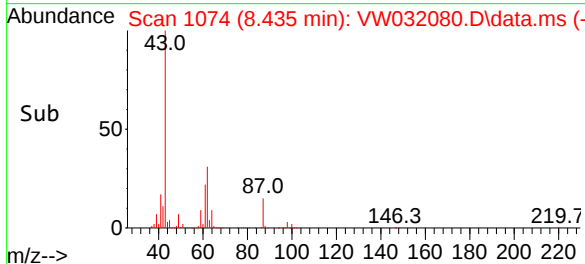
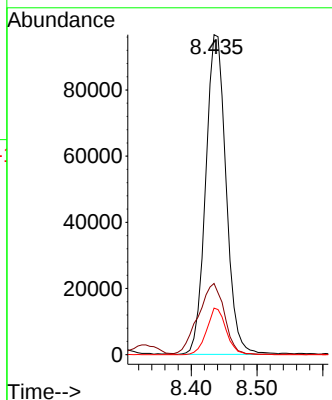
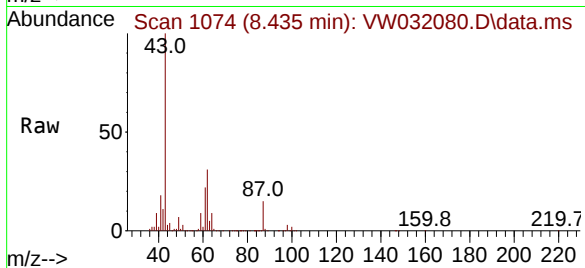




#43  
Isopropyl Acetate  
Concen: 57.148 ug/l  
RT: 8.435 min Scan# 1107  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

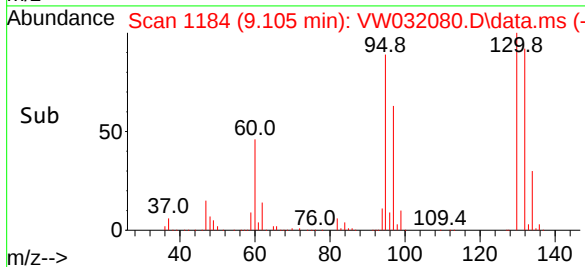
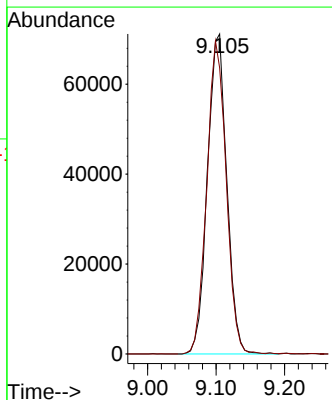
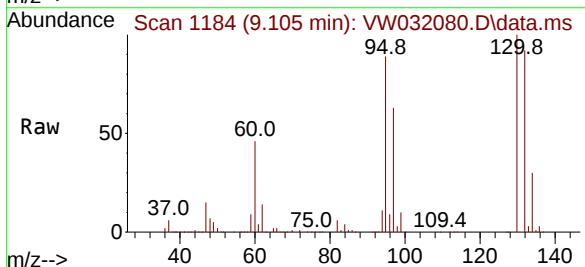
Instrument :  
MSVOA\_W  
ClientSampleId :

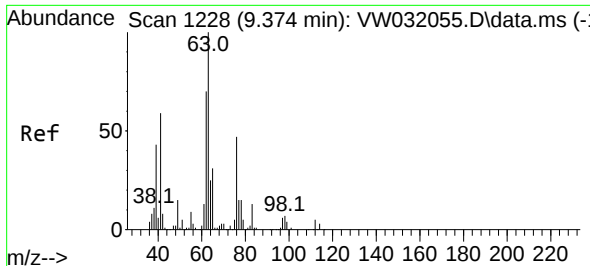
Tgt Ion: 43 Resp: 208154  
Ion Ratio Lower Upper  
43 100  
61 28.3 23.8 35.8  
87 14.0 11.7 17.5



#44  
Trichloroethene  
Concen: 56.237 ug/l  
RT: 9.105 min Scan# 1184  
Delta R.T. 0.006 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion:130 Resp: 139933  
Ion Ratio Lower Upper  
130 100  
95 89.4 0.0 200.6

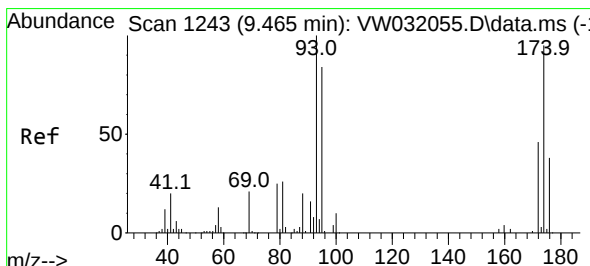
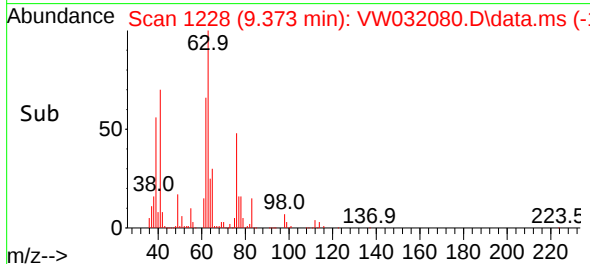
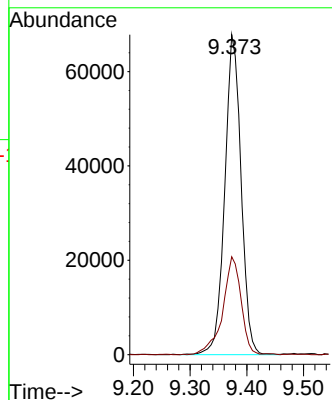
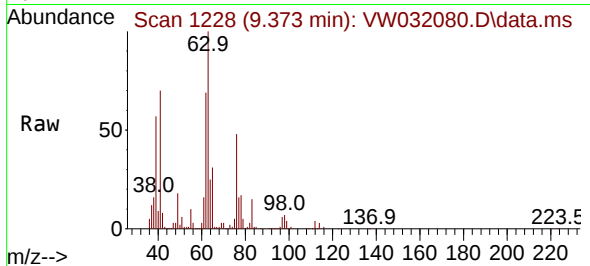




#45  
1,2-Dichloropropane  
Concen: 53.705 ug/l  
RT: 9.373 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

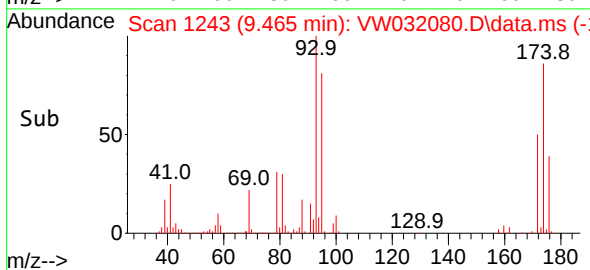
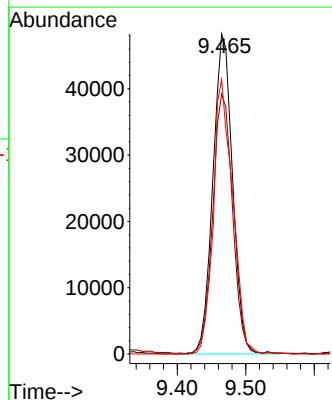
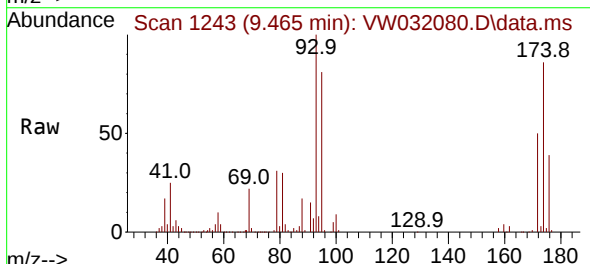
Instrument :  
MSVOA\_W  
ClientSampleId :

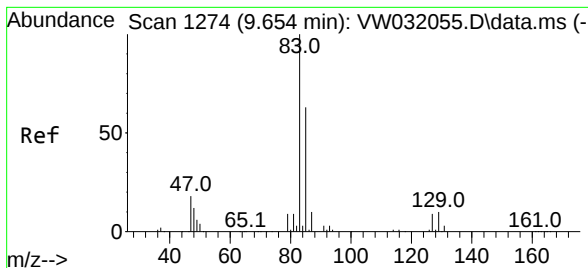
Tgt Ion: 63 Resp: 135567  
Ion Ratio Lower Upper  
63 100  
65 30.6 24.6 36.8



#46  
Dibromomethane  
Concen: 58.920 ug/l  
RT: 9.465 min Scan# 1243  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 93 Resp: 95991  
Ion Ratio Lower Upper  
93 100  
95 82.1 65.3 97.9  
174 84.8 68.6 102.8





#47

Bromodichloromethane

Concen: 57.226 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

ClientSampleId :

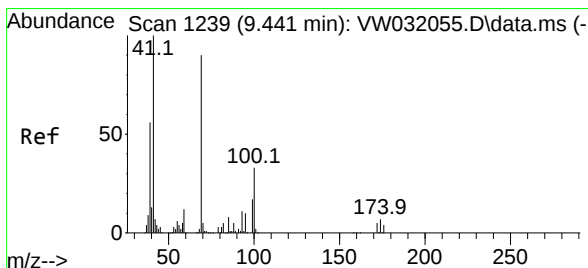
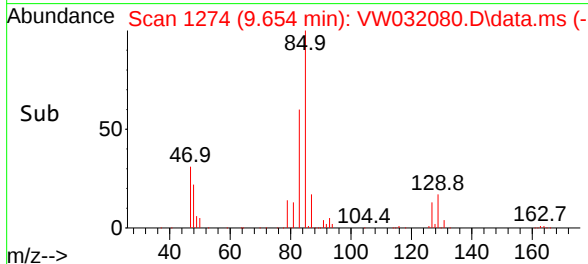
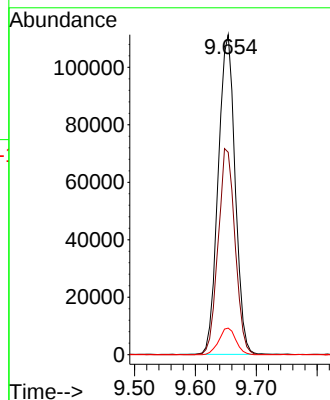
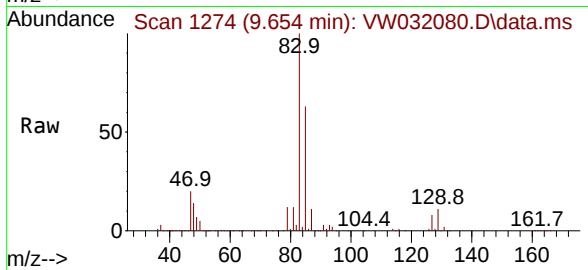
Tgt Ion: 83 Resp: 214831

Ion Ratio Lower Upper

83 100

85 63.2 50.6 75.8

127 8.3 6.9 10.3



#48

Methyl methacrylate

Concen: 55.521 ug/l

RT: 9.440 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

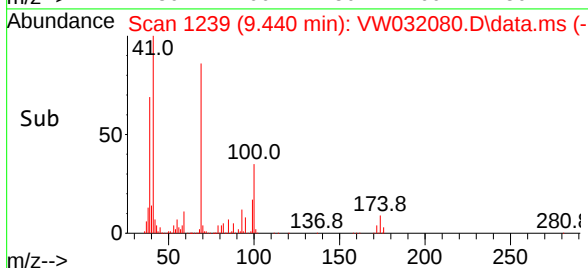
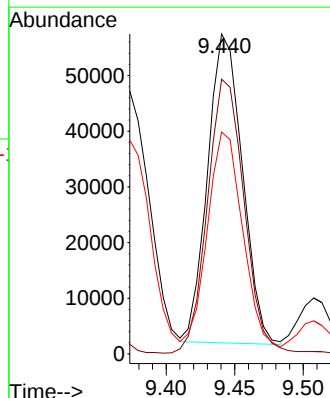
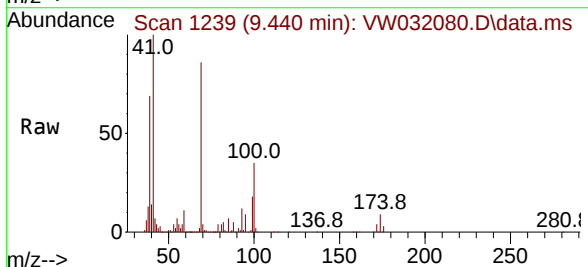
Tgt Ion: 41 Resp: 97630

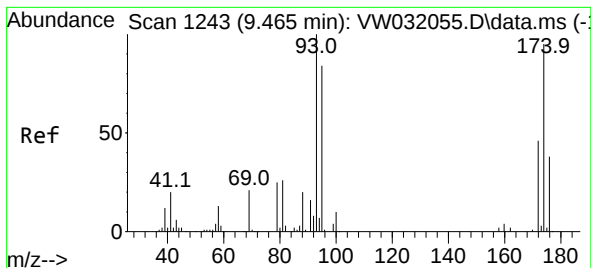
Ion Ratio Lower Upper

41 100

69 94.2 73.0 109.6

39 74.6 45.0 67.4#





#49

1,4-Dioxane

Concen: 1132.752 ug/l

RT: 9.465 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

ClientSampleId :

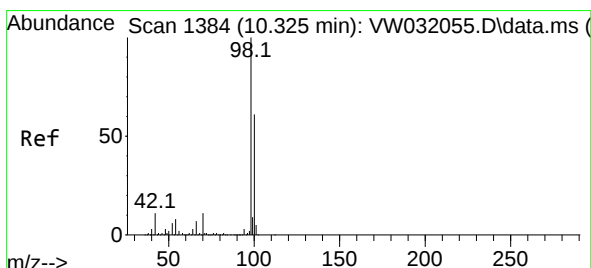
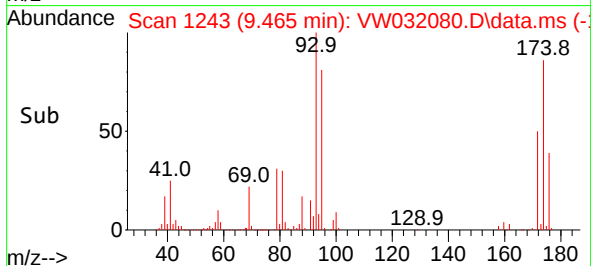
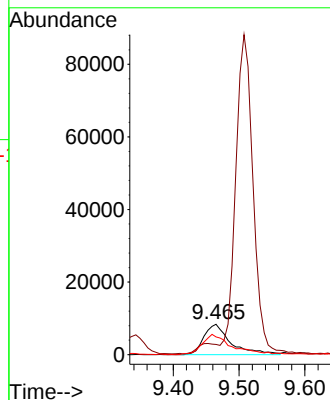
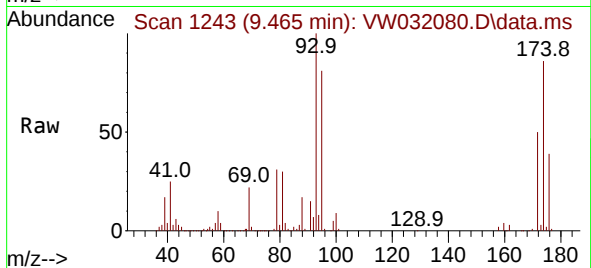
Tgt Ion: 88 Resp: 23861

Ion Ratio Lower Upper

88 100

43 24.1 20.6 30.8

58 74.5 60.4 90.6



#50

Toluene-d8

Concen: 51.355 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032080.D

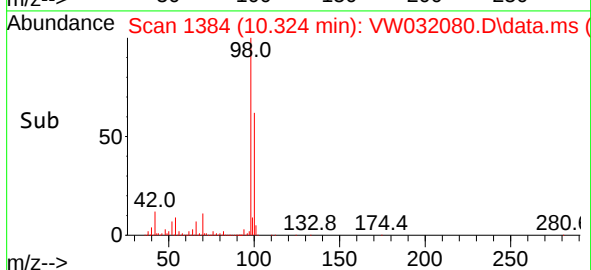
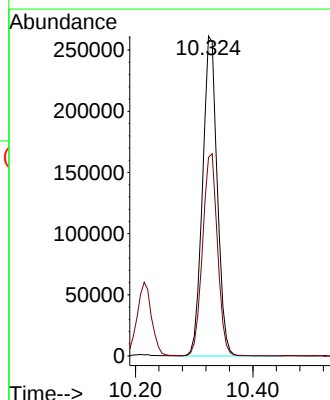
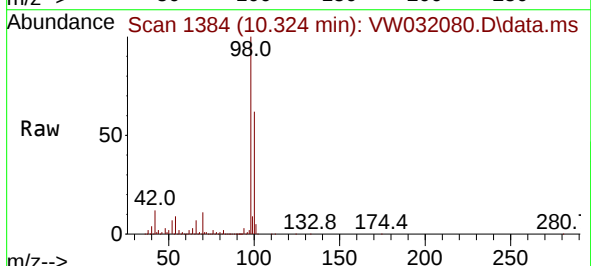
Acq: 14 Aug 2025 09:27

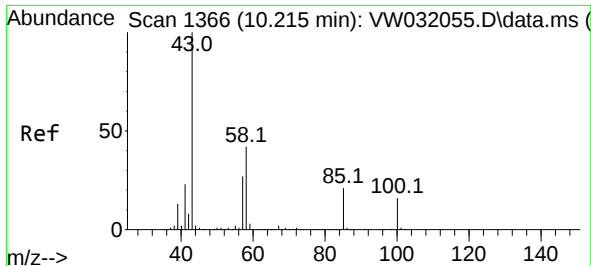
Tgt Ion: 98 Resp: 452920

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7

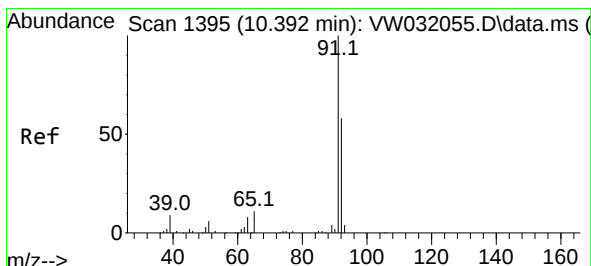
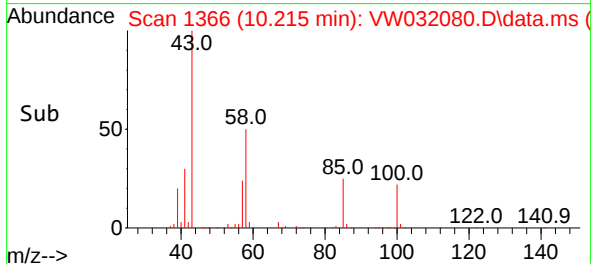
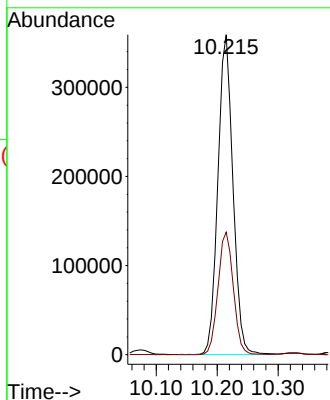
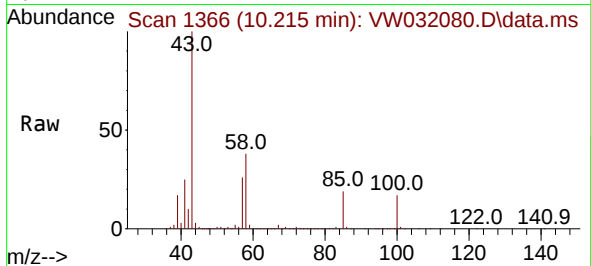




#51  
4-Methyl-2-Pentanone  
Concen: 298.600 ug/l  
RT: 10.215 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

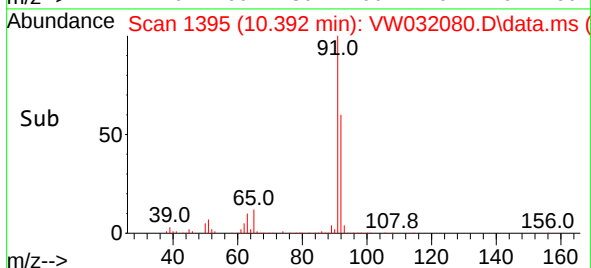
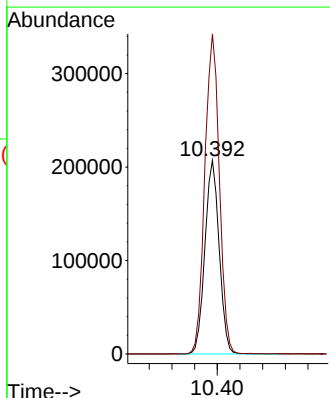
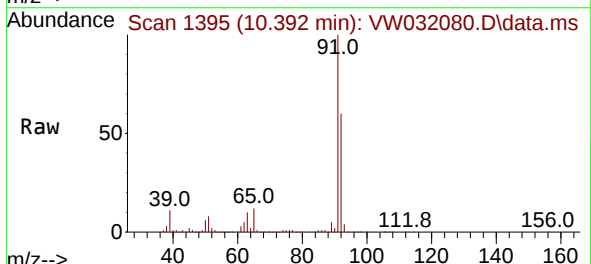
Instrument :  
MSVOA\_W  
ClientSampleId :

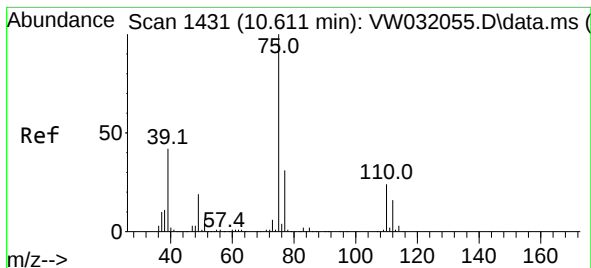
Tgt Ion: 43 Resp: 613885  
Ion Ratio Lower Upper  
43 100  
58 39.1 33.1 49.7



#52  
Toluene  
Concen: 54.839 ug/l  
RT: 10.392 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 92 Resp: 360912  
Ion Ratio Lower Upper  
92 100  
91 168.5 136.3 204.5

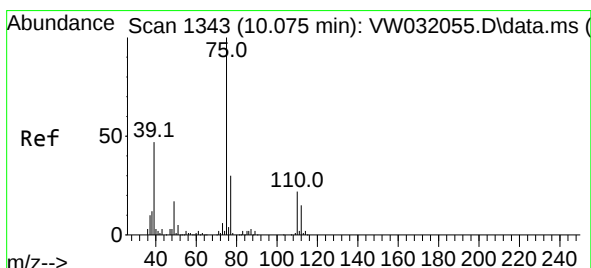
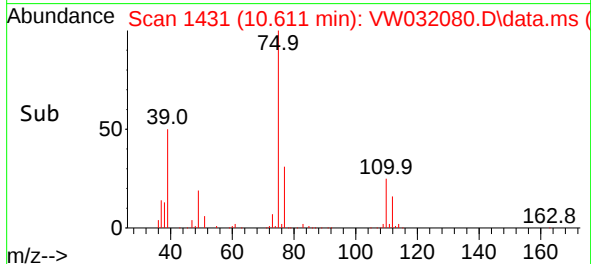
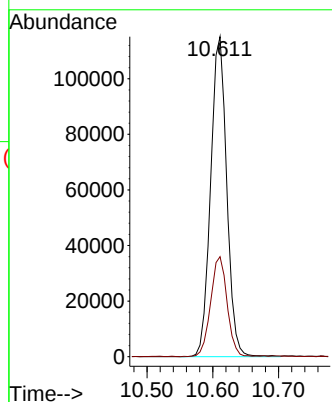
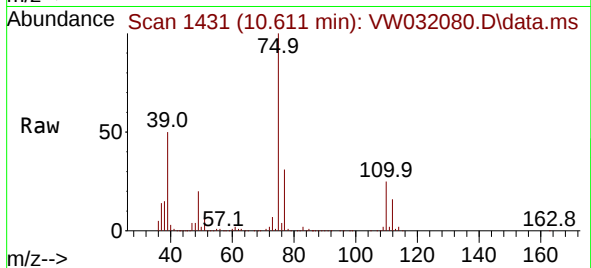




#53  
t-1,3-Dichloropropene  
Concen: 55.768 ug/l  
RT: 10.611 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

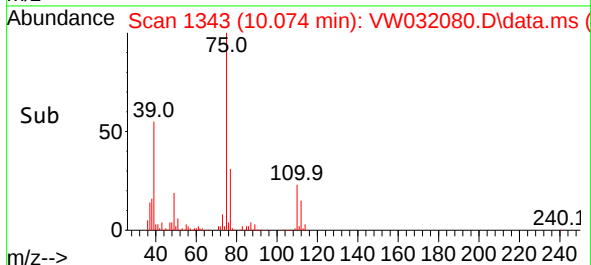
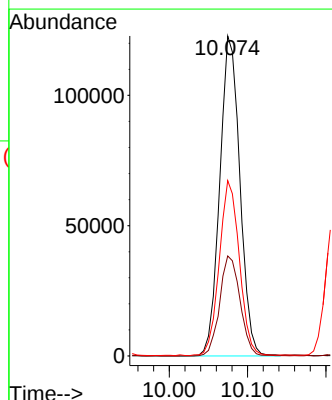
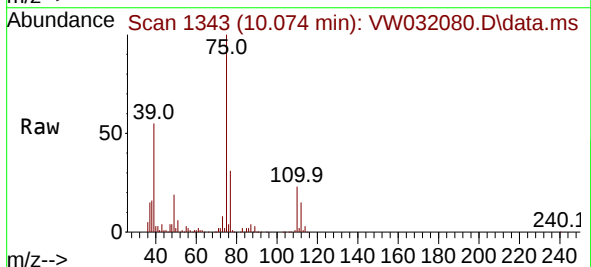
Instrument :  
MSVOA\_W  
ClientSampleId :

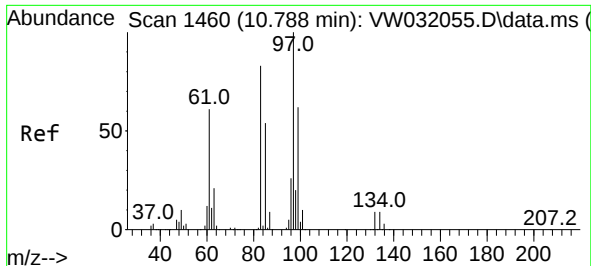
Tgt Ion: 75 Resp: 196142  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.0 37.6



#54  
cis-1,3-Dichloropropene  
Concen: 54.997 ug/l  
RT: 10.074 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 75 Resp: 219444  
Ion Ratio Lower Upper  
75 100  
77 31.3 24.0 36.0  
39 54.5 37.8 56.8

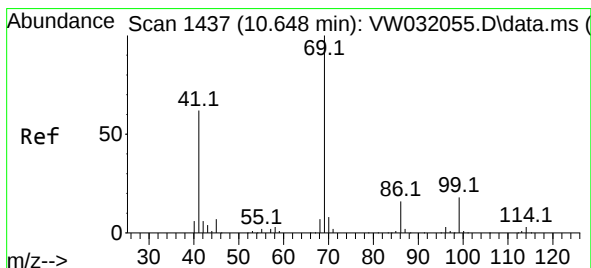
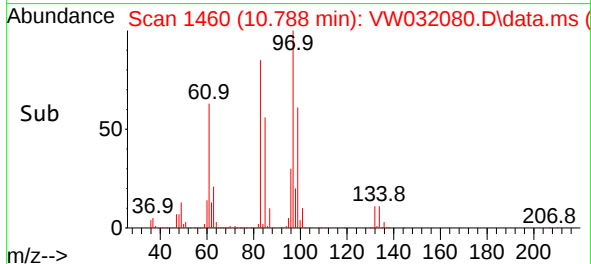
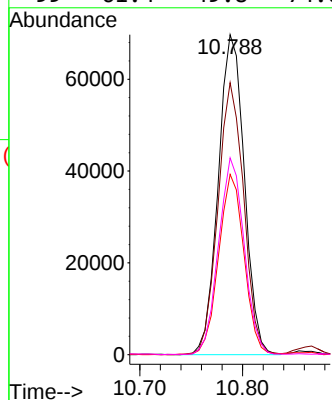
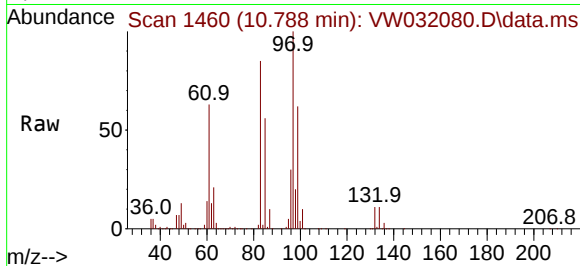




#55  
1,1,2-Trichloroethane  
Concen: 56.613 ug/l  
RT: 10.788 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

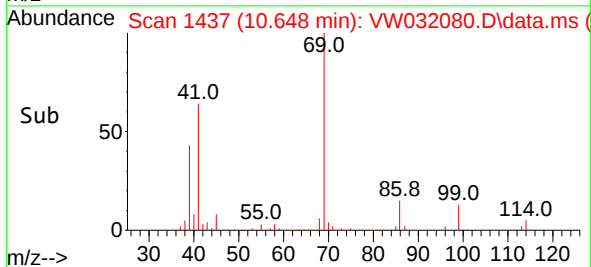
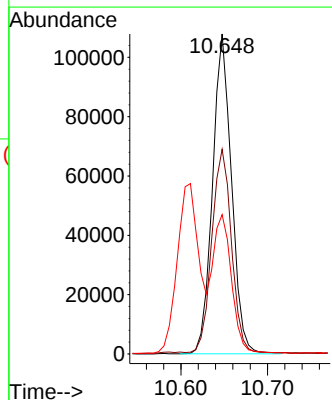
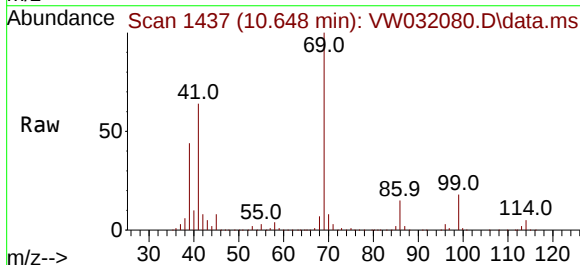
Instrument :  
MSVOA\_W  
ClientSampleId :

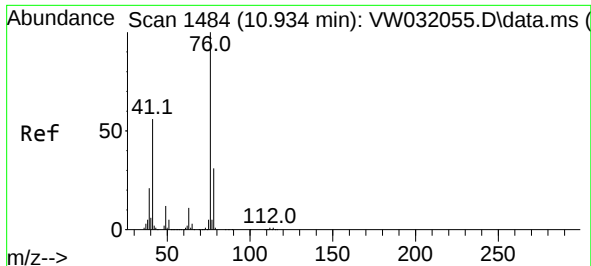
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 122561 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.0  | 66.4  | 99.6   |
| 85       | 56.1  | 43.1  | 64.7   |
| 99       | 61.4  | 49.8  | 74.6   |



#56  
Ethyl methacrylate  
Concen: 56.621 ug/l  
RT: 10.648 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 164035 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 66.3  | 51.2  | 76.8   |
| 39       | 43.0  | 25.4  | 38.0   |

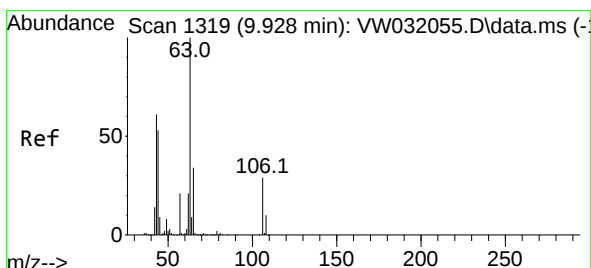
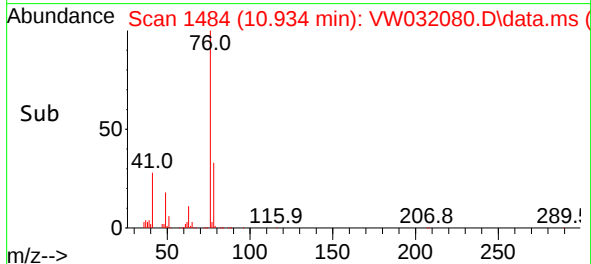
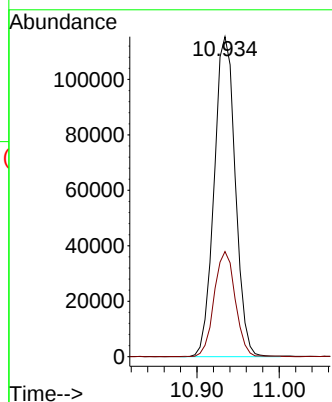
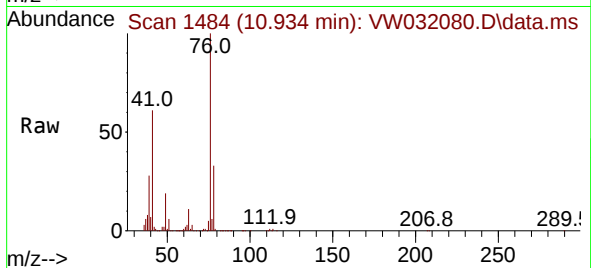




#57  
1,3-Dichloropropane  
Concen: 54.740 ug/l  
RT: 10.934 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

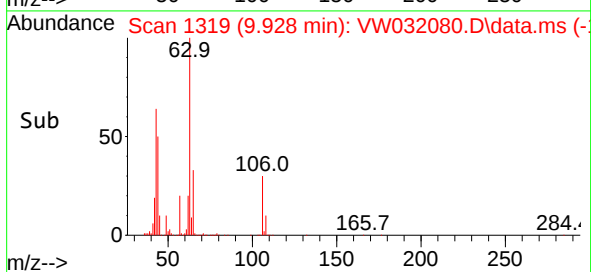
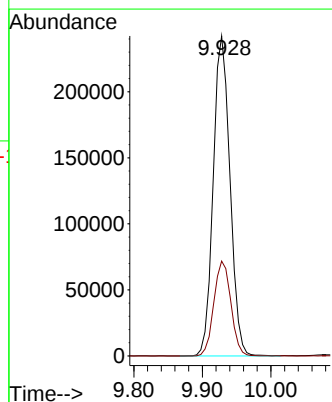
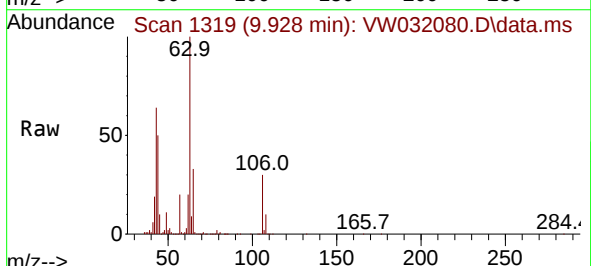
Instrument :  
MSVOA\_W  
ClientSampleId :

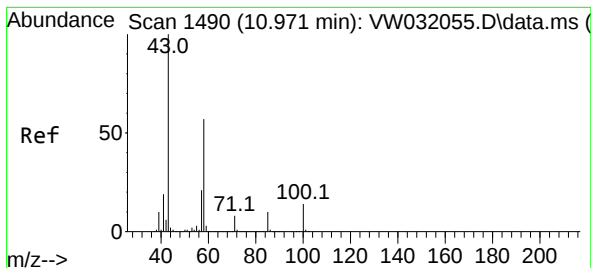
Tgt Ion: 76 Resp: 206568  
Ion Ratio Lower Upper  
76 100  
78 32.9 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 256.070 ug/l  
RT: 9.928 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 63 Resp: 410338  
Ion Ratio Lower Upper  
63 100  
106 30.1 23.5 35.3

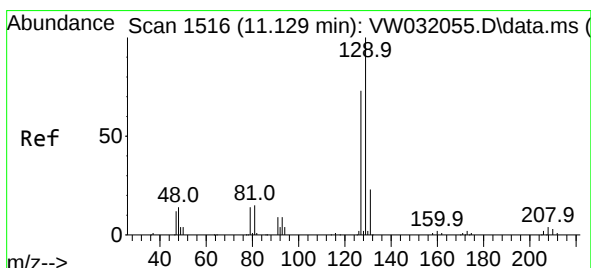
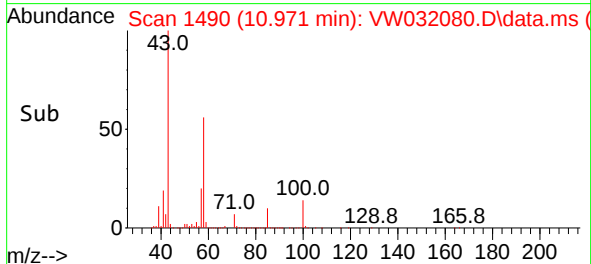
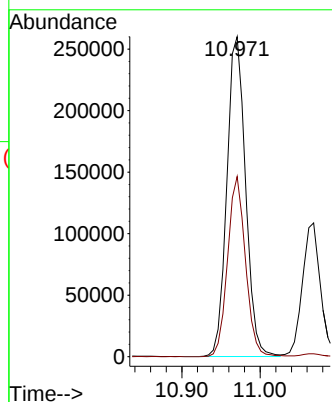
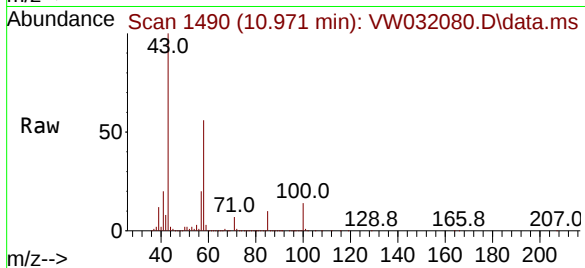




#59  
2-Hexanone  
Concen: 303.226 ug/l  
RT: 10.971 min Scan# 1490  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

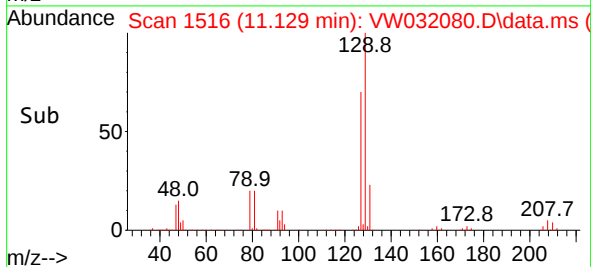
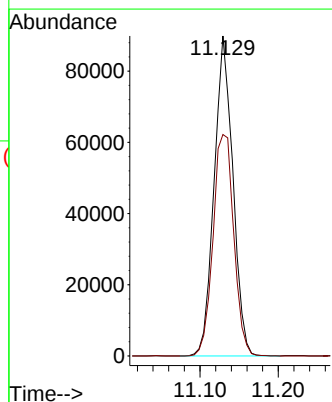
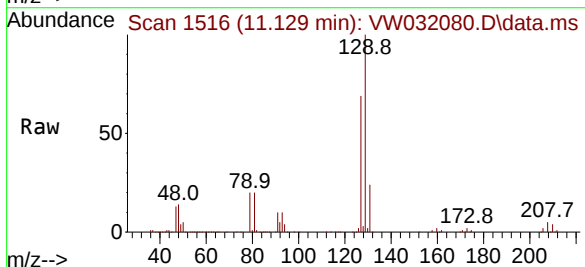
Instrument :  
MSVOA\_W  
ClientSampleId :

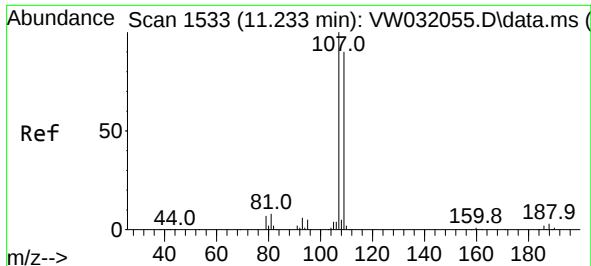
Tgt Ion: 43 Resp: 431742  
Ion Ratio Lower Upper  
43 100  
58 53.9 28.3 85.0



#60  
Dibromochloromethane  
Concen: 60.364 ug/l  
RT: 11.129 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion:129 Resp: 149280  
Ion Ratio Lower Upper  
129 100  
127 76.7 39.0 116.9

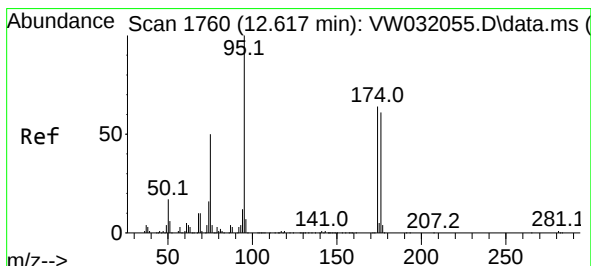
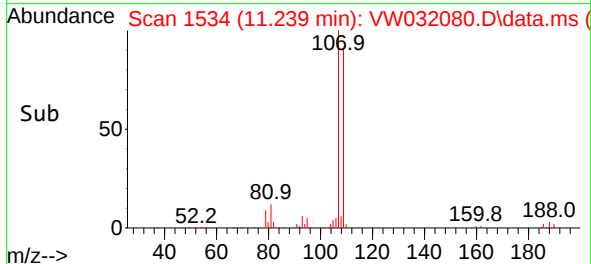
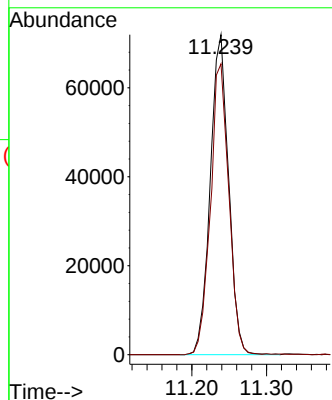
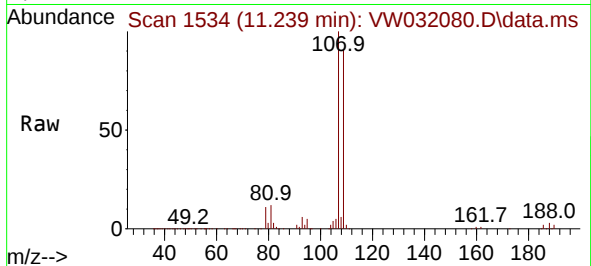




#61  
1,2-Dibromoethane  
Concen: 58.108 ug/l  
RT: 11.239 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

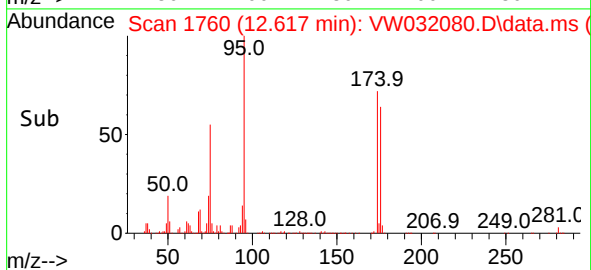
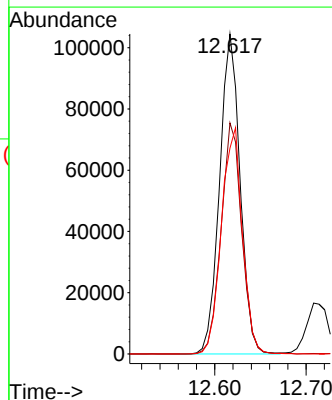
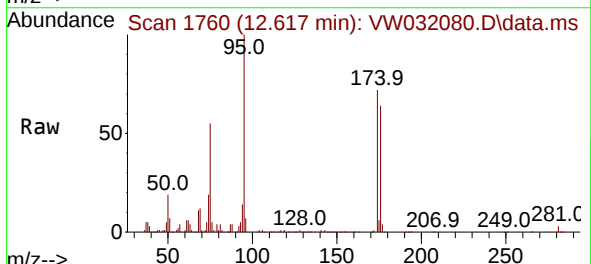
Instrument :  
MSVOA\_W  
ClientSampleId :

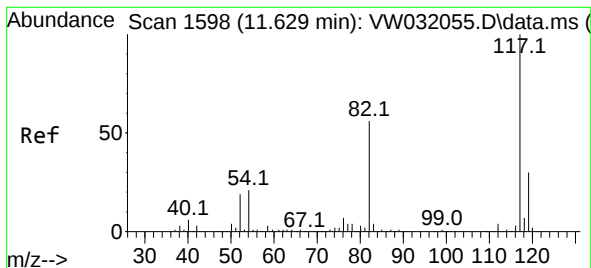
Tgt Ion:107 Resp: 122248  
Ion Ratio Lower Upper  
107 100  
109 91.1 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 50.275 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 95 Resp: 163398  
Ion Ratio Lower Upper  
95 100  
174 72.4 0.0 129.0  
176 72.4 0.0 124.6

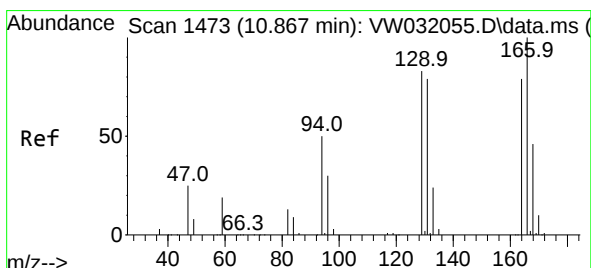
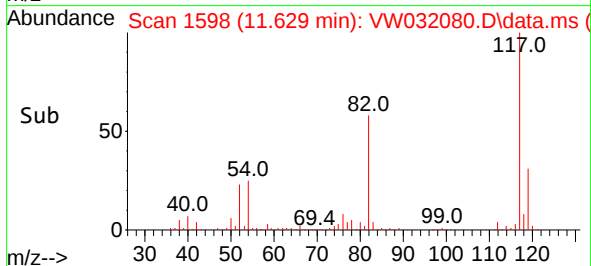
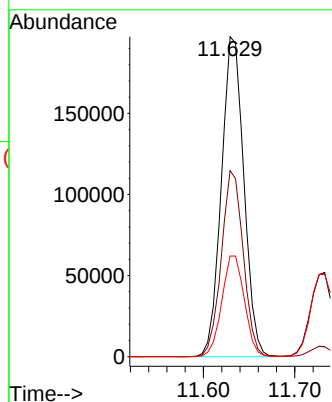
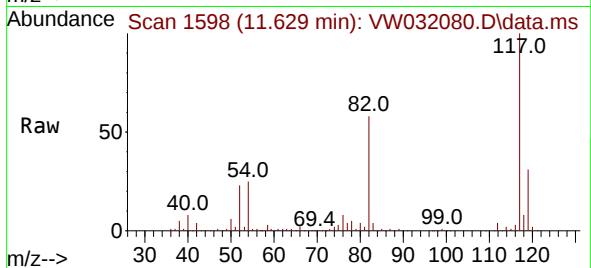




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.629 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

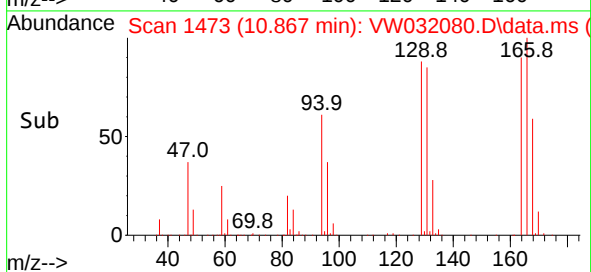
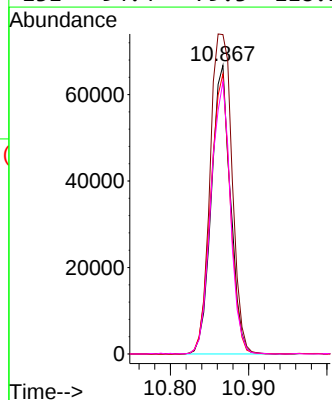
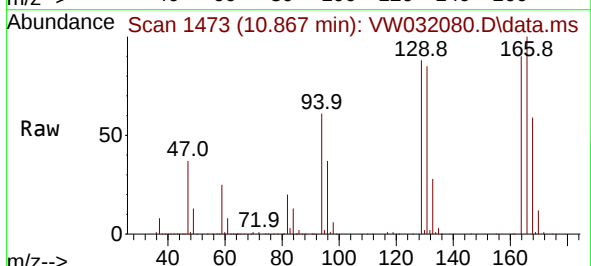
Instrument :  
MSVOA\_W  
ClientSampleId :

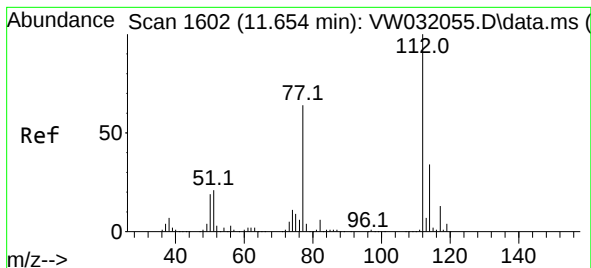
Tgt Ion:117 Resp: 337227  
Ion Ratio Lower Upper  
117 100  
82 58.1 45.0 67.4  
119 31.5 24.2 36.4



#64  
Tetrachloroethene  
Concen: 57.783 ug/l  
RT: 10.867 min Scan# 1473  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion:164 Resp: 112551  
Ion Ratio Lower Upper  
164 100  
166 110.7 100.9 151.3  
129 97.1 83.6 125.4  
131 94.4 79.3 118.9





#65

Chlorobenzene

Concen: 55.882 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

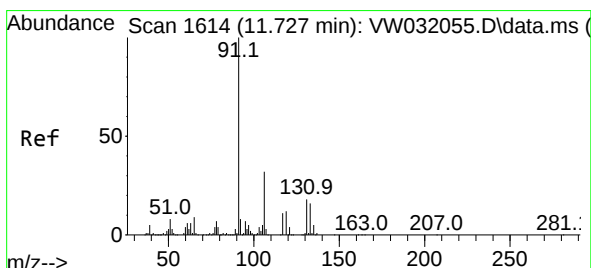
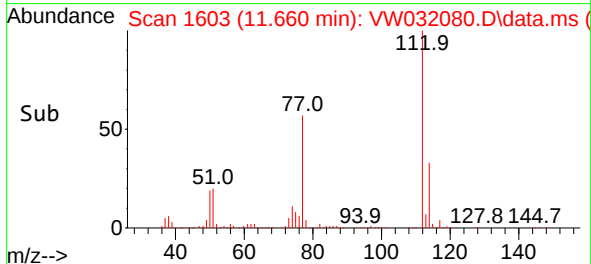
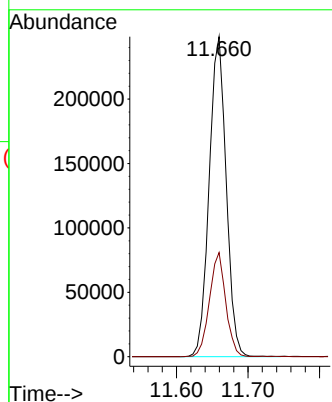
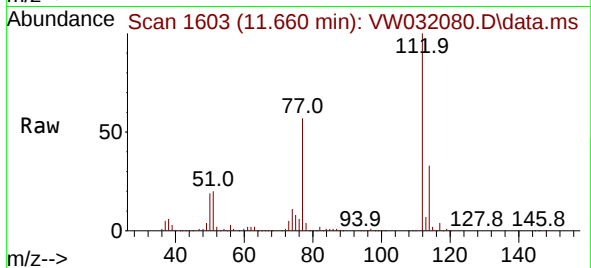
ClientSampleId :

Tgt Ion:112 Resp: 410189

Ion Ratio Lower Upper

112 100

114 32.6 26.9 40.3



#66

1,1,1,2-Tetrachloroethane

Concen: 58.241 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

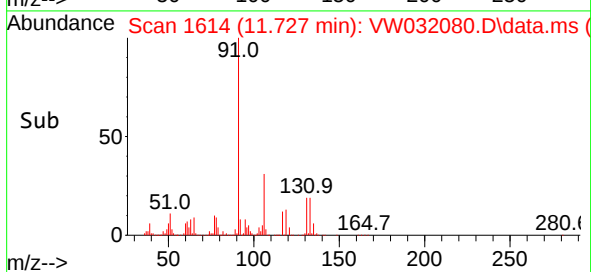
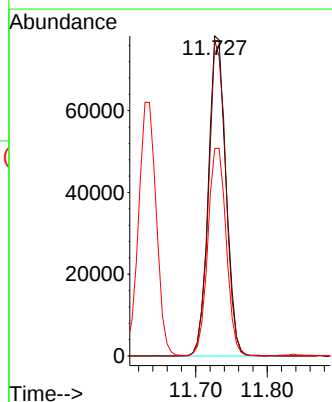
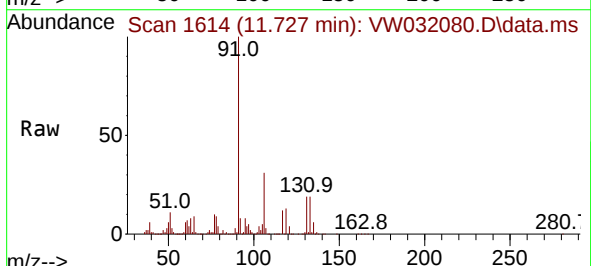
Tgt Ion:131 Resp: 133382

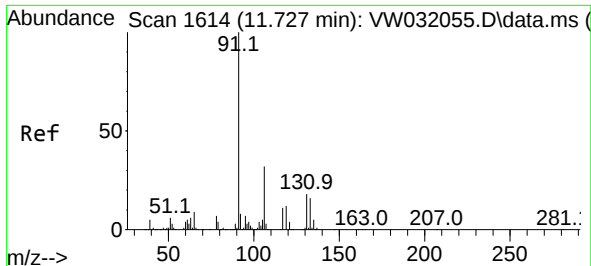
Ion Ratio Lower Upper

131 100

133 97.1 47.3 142.0

119 67.9 34.5 103.5





#67

Ethyl Benzene

Concen: 54.505 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

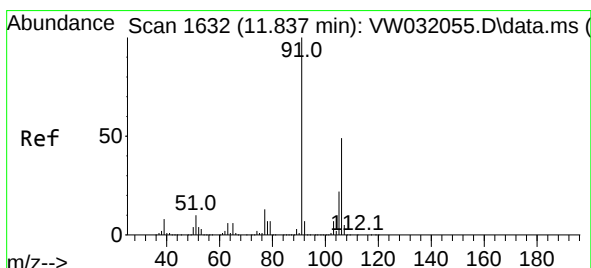
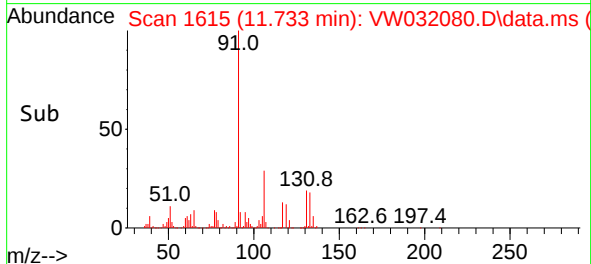
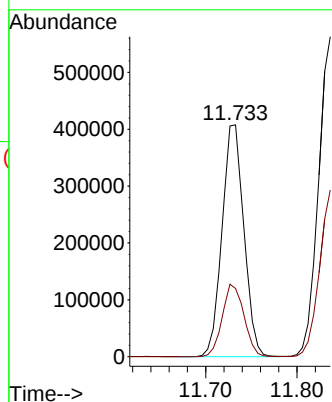
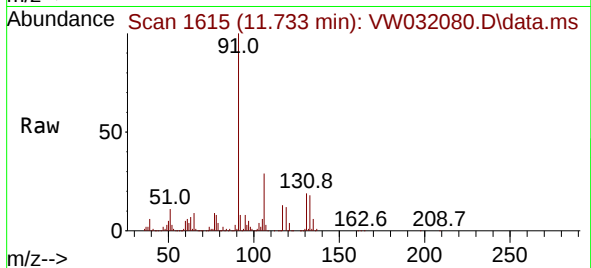
ClientSampleId :

Tgt Ion: 91 Resp: 677681

Ion Ratio Lower Upper

91 100

106 29.4 25.4 38.0



#68

m/p-Xylenes

Concen: 112.646 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032080.D

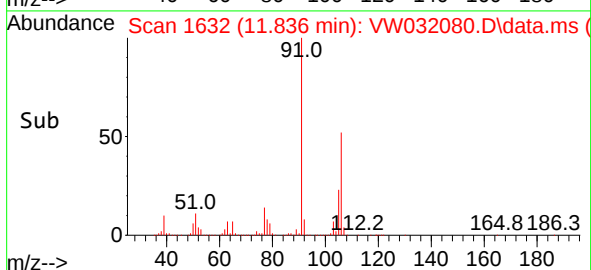
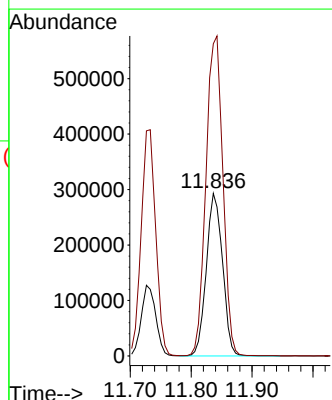
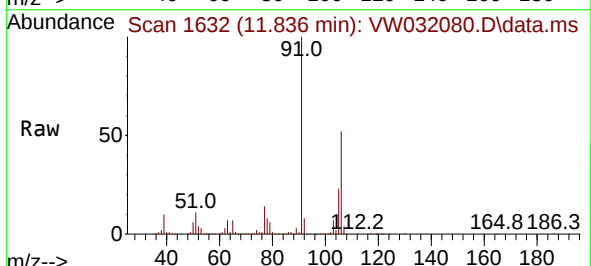
Acq: 14 Aug 2025 09:27

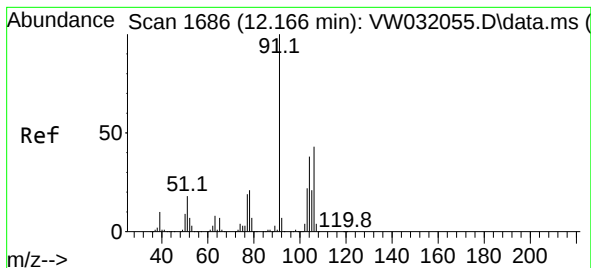
Tgt Ion:106 Resp: 540433

Ion Ratio Lower Upper

106 100

91 206.6 162.2 243.2

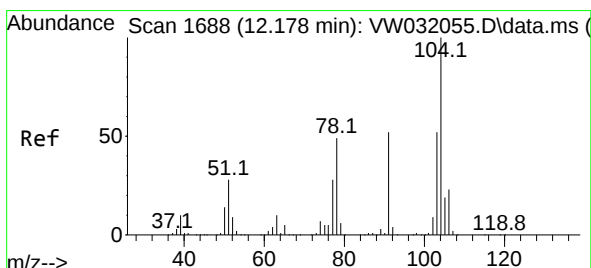
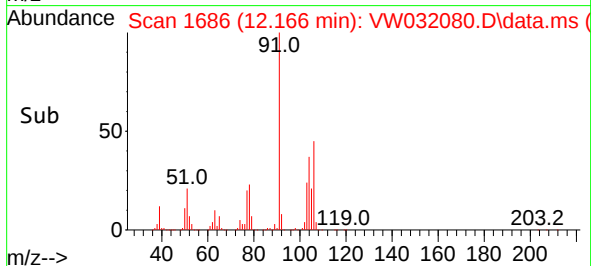
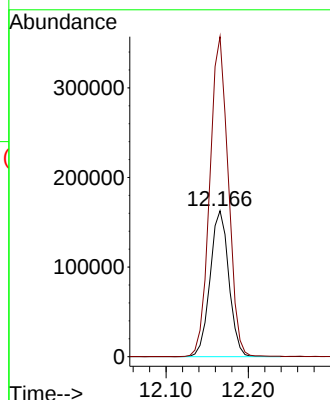
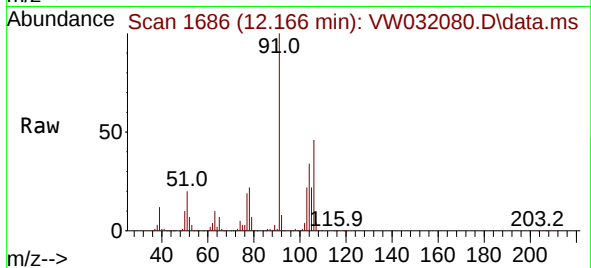




#69  
o-Xylene  
Concen: 58.137 ug/l  
RT: 12.166 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

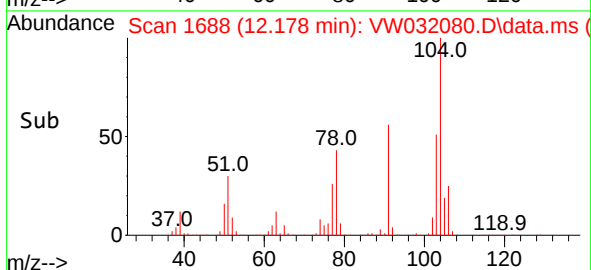
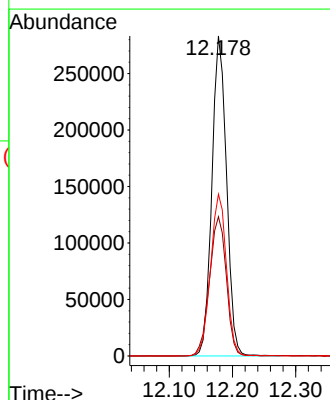
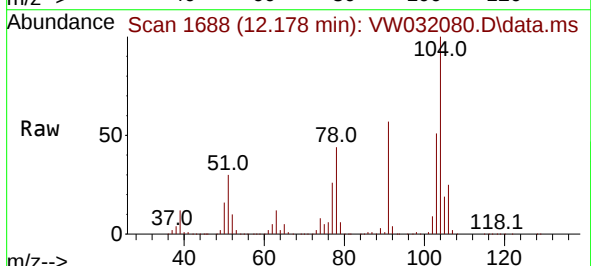
Instrument :  
MSVOA\_W  
ClientSampleId :

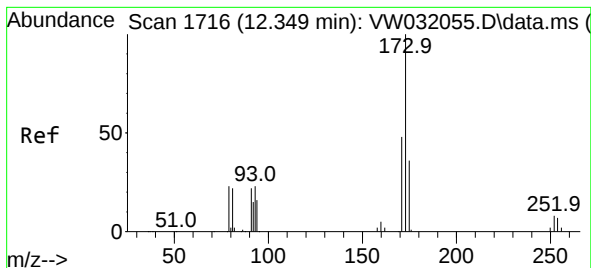
Tgt Ion:106 Resp: 257799  
Ion Ratio Lower Upper  
106 100  
91 216.5 110.8 332.3



#70  
Styrene  
Concen: 57.835 ug/l  
RT: 12.178 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion:104 Resp: 455535  
Ion Ratio Lower Upper  
104 100  
78 49.8 41.2 61.8  
103 55.0 43.8 65.8





#71

Bromoform

Concen: 63.831 ug/l

RT: 12.348 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032080.D

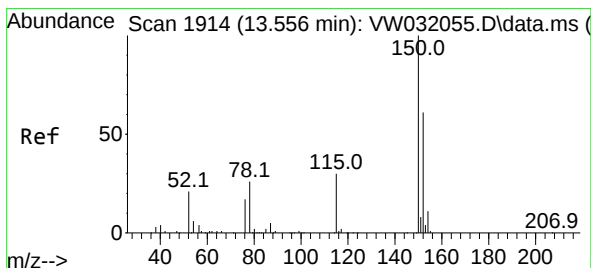
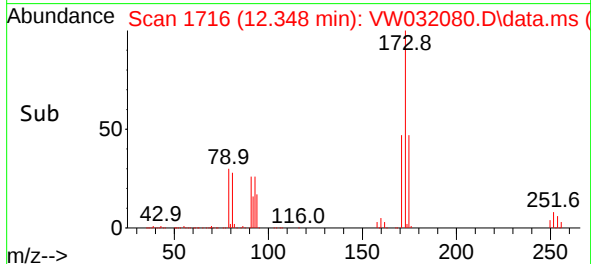
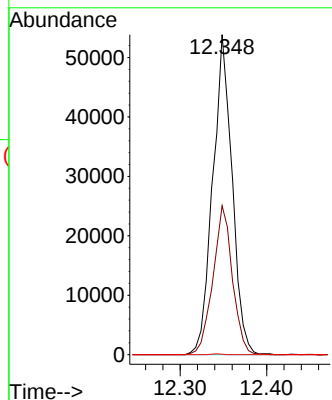
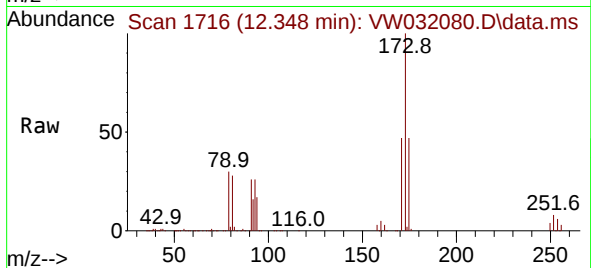
Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 83619     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 46.8  | 22.9 68.7 |
| 254         | 0.1   | 0.0 0.0#  |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

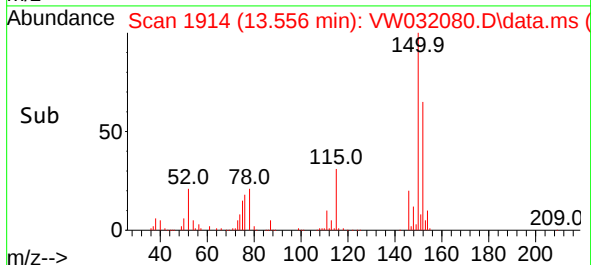
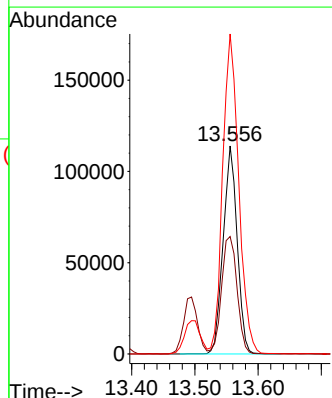
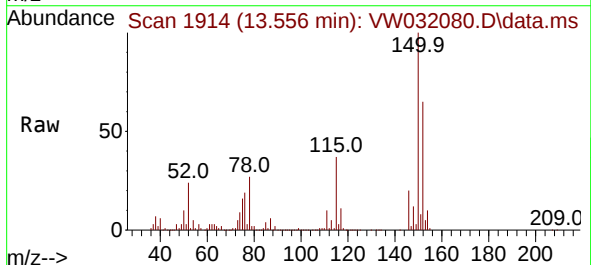
RT: 13.556 min Scan# 1914

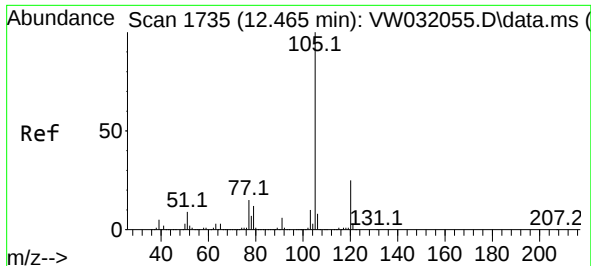
Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 174813    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 62.3  | 32.6 97.8 |
| 150         | 175.9 | 0.0 359.4 |

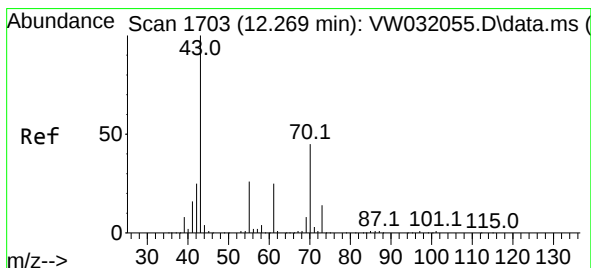
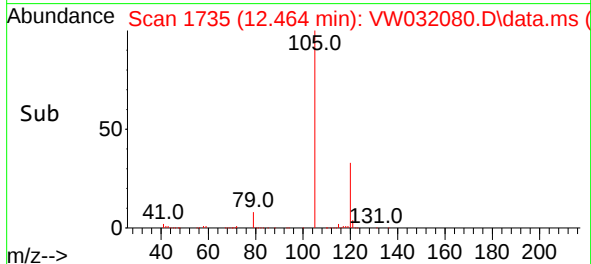
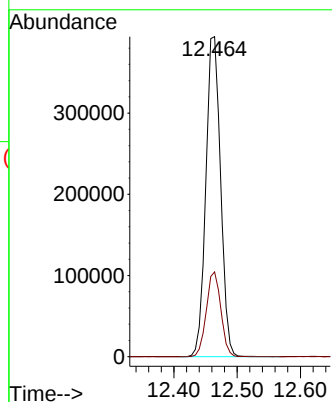
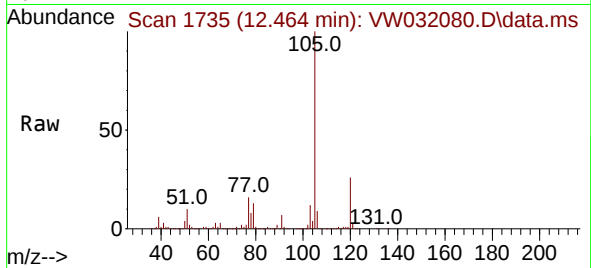




#73  
Isopropylbenzene  
Concen: 52.307 ug/l  
RT: 12.464 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

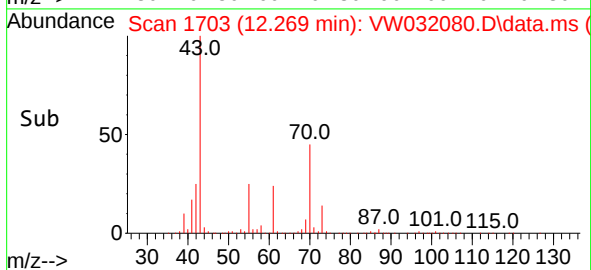
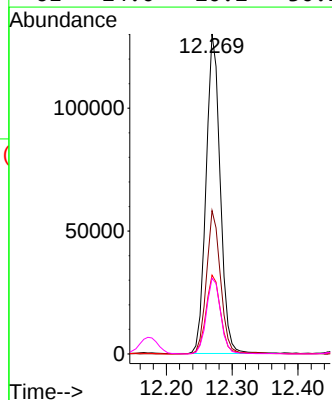
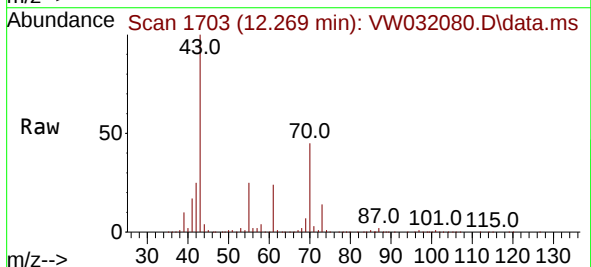
Instrument :  
MSVOA\_W  
ClientSampleId :

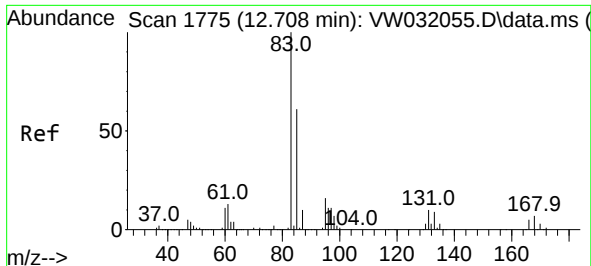
Tgt Ion:105 Resp: 639037  
Ion Ratio Lower Upper  
105 100  
120 26.1 12.8 38.4



#74  
N-ethyl acetate  
Concen: 55.601 ug/l  
RT: 12.269 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 43 Resp: 194883  
Ion Ratio Lower Upper  
43 100  
70 44.4 37.0 55.4  
55 25.6 21.1 31.7  
61 24.0 20.2 30.2

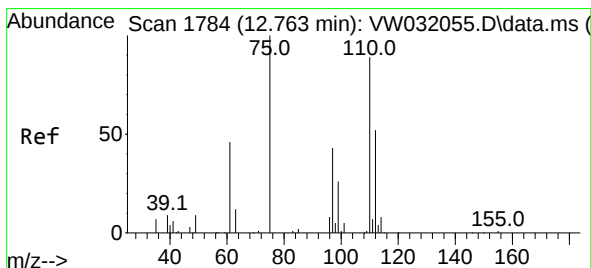
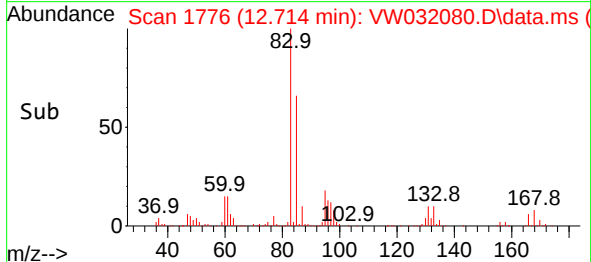
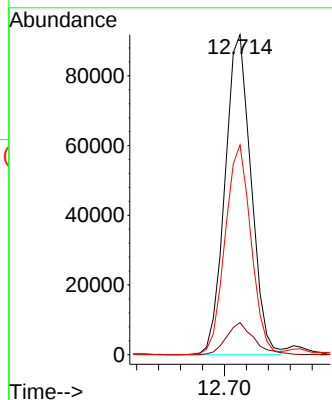
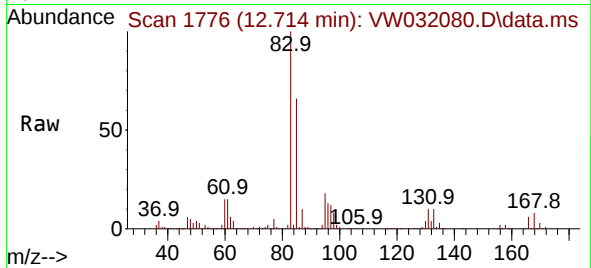




#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.197 ug/l  
RT: 12.714 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

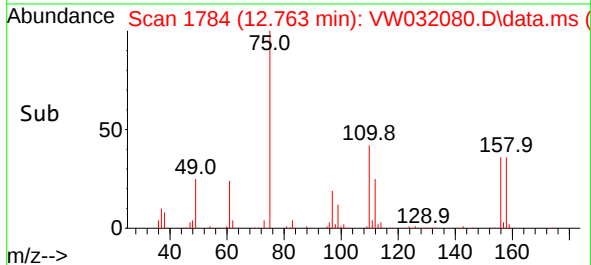
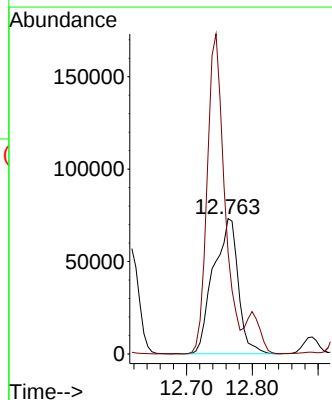
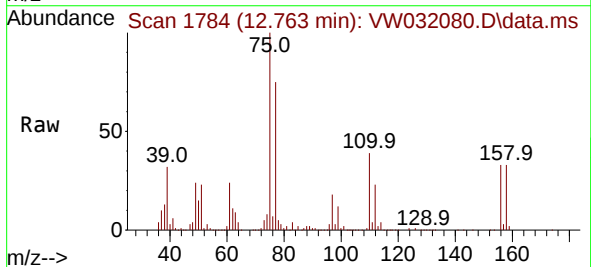
Instrument :  
MSVOA\_W  
ClientSampleId :

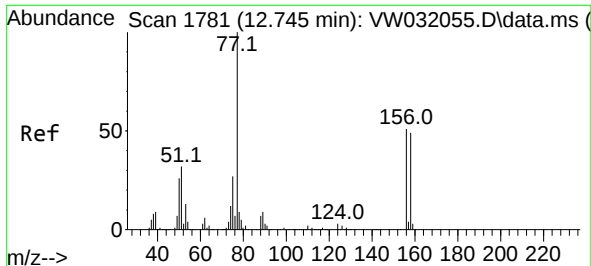
Tgt Ion: 83 Resp: 151408  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.1 15.4  
85 65.3 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 80.822 ug/l  
RT: 12.763 min Scan# 1784  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 75 Resp: 191760  
Ion Ratio Lower Upper  
75 100  
77 166.1 123.5 370.5

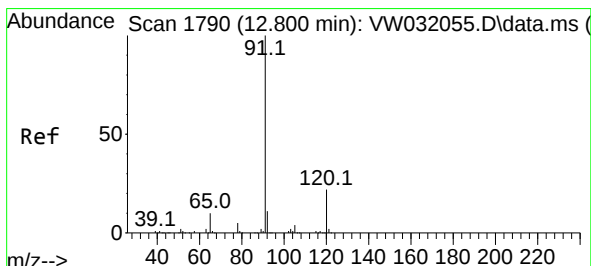
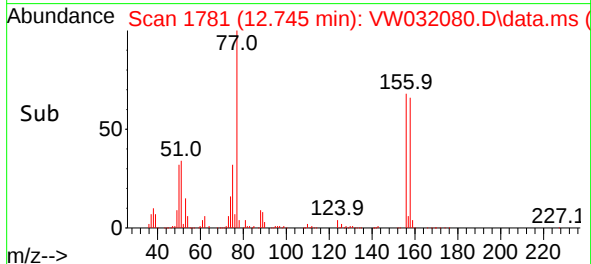
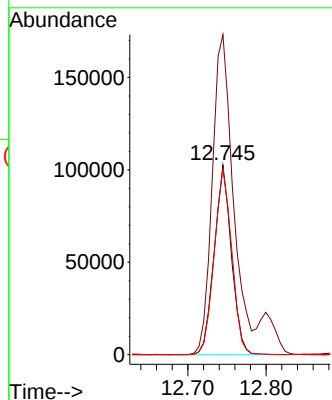
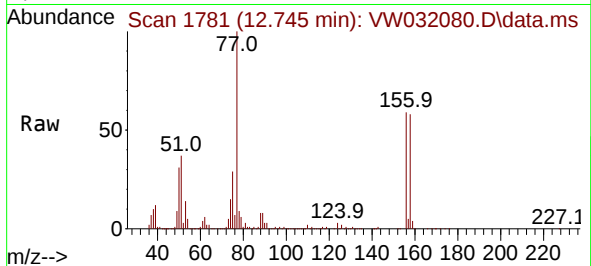




#77  
Bromobenzene  
Concen: 53.753 ug/l  
RT: 12.745 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

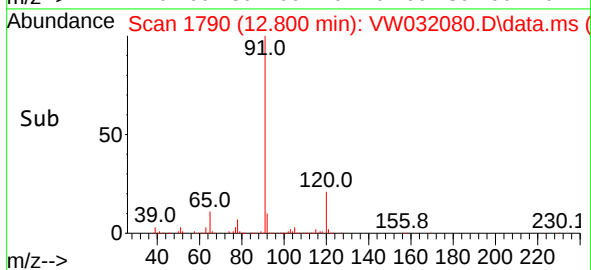
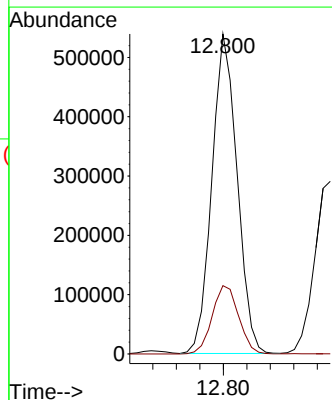
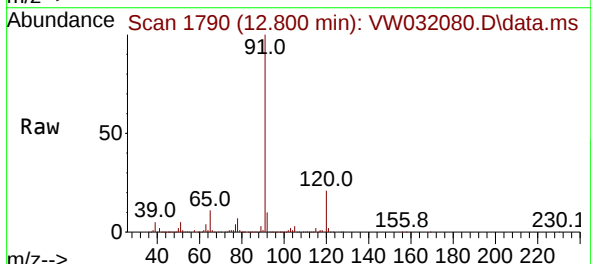
Instrument :  
MSVOA\_W  
ClientSampleId :

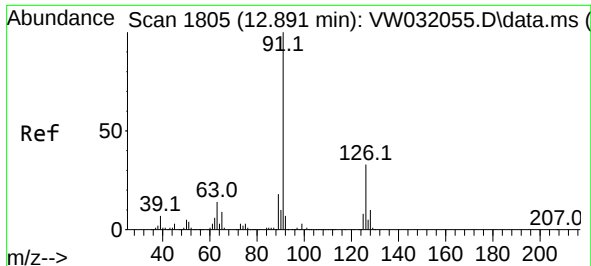
Tgt Ion:156 Resp: 156846  
Ion Ratio Lower Upper  
156 100  
77 203.1 108.7 326.3  
158 100.2 48.3 144.9



#78  
n-propylbenzene  
Concen: 53.406 ug/l  
RT: 12.800 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 91 Resp: 803277  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.1 33.3

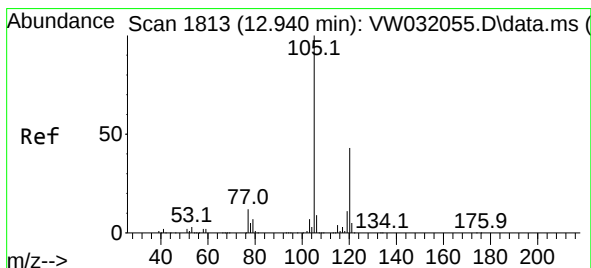
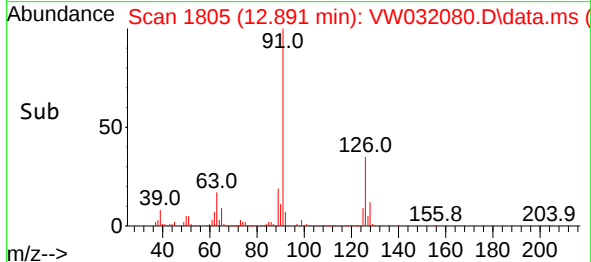
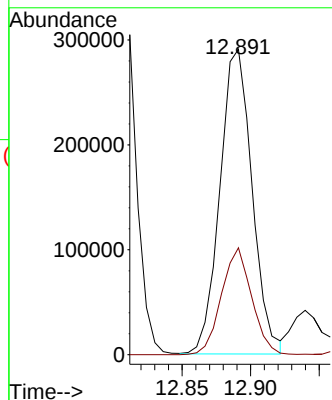
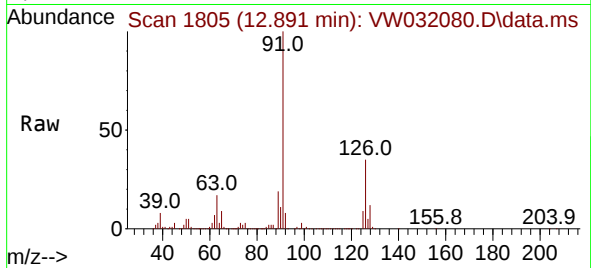




#79  
2-Chlorotoluene  
Concen: 51.172 ug/l  
RT: 12.891 min Scan# 1805  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

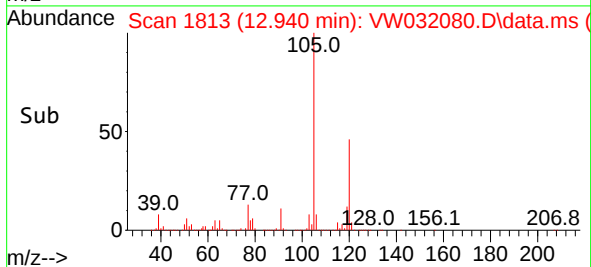
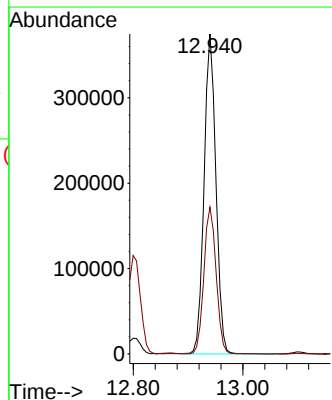
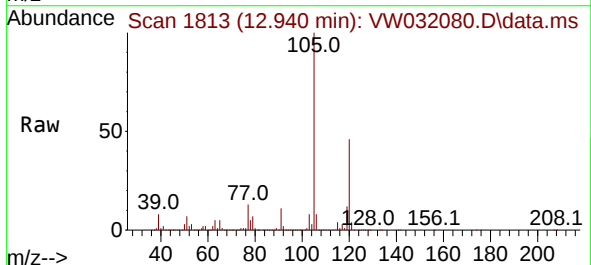
Instrument :  
MSVOA\_W  
ClientSampleId :

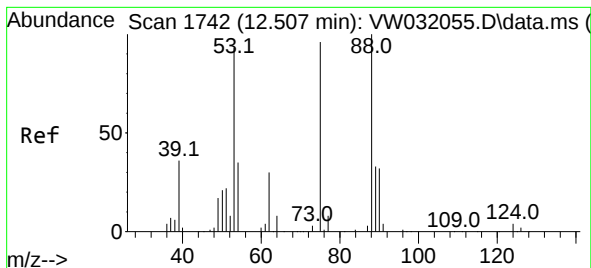
Tgt Ion: 91 Resp: 475026  
Ion Ratio Lower Upper  
91 100  
126 33.0 15.9 47.7



#80  
1,3,5-Trimethylbenzene  
Concen: 53.983 ug/l  
RT: 12.940 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 105 Resp: 559898  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.4 70.0

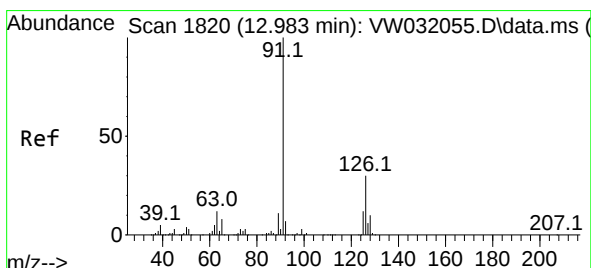
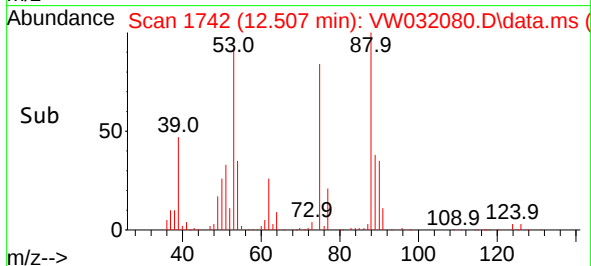
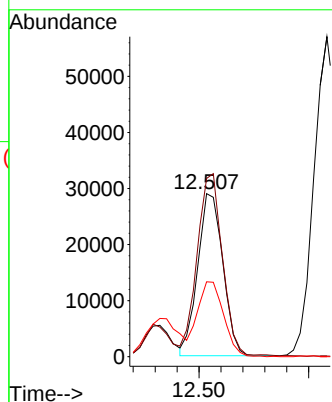
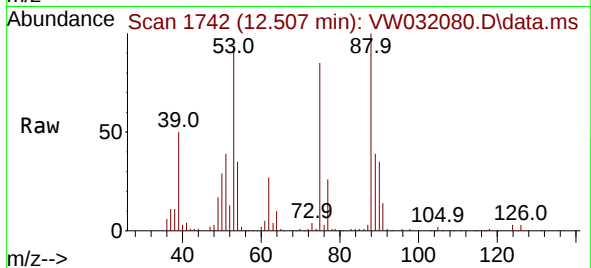




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.402 ug/l  
RT: 12.507 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

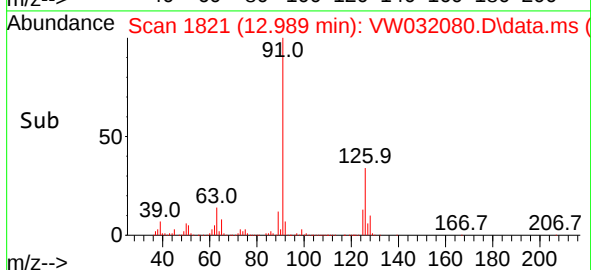
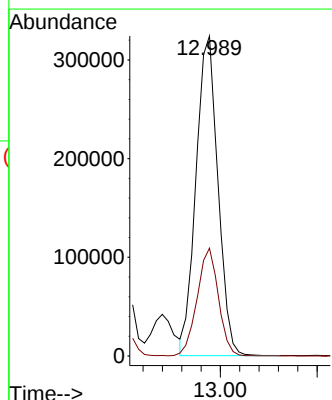
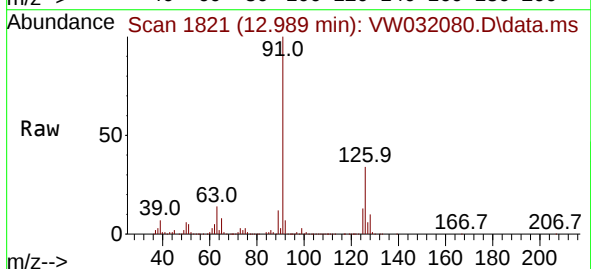
Instrument :  
MSVOA\_W  
ClientSampleId :

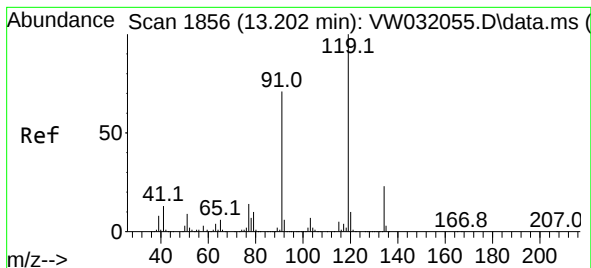
Tgt Ion: 75 Resp: 46191  
Ion Ratio Lower Upper  
75 100  
53 113.8 81.0 121.6  
89 48.0 37.3 55.9



#82  
4-Chlorotoluene  
Concen: 51.725 ug/l  
RT: 12.989 min Scan# 1821  
Delta R.T. 0.006 min  
Lab File: VW032080.D  
Acq: 14 Aug 2025 09:27

Tgt Ion: 91 Resp: 510140  
Ion Ratio Lower Upper  
91 100  
126 32.9 15.5 46.5





#83

tert-Butylbenzene

Concen: 54.905 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

ClientSampleId :

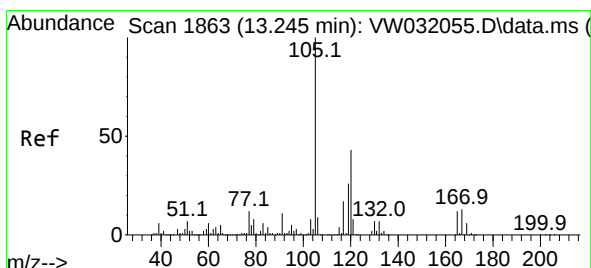
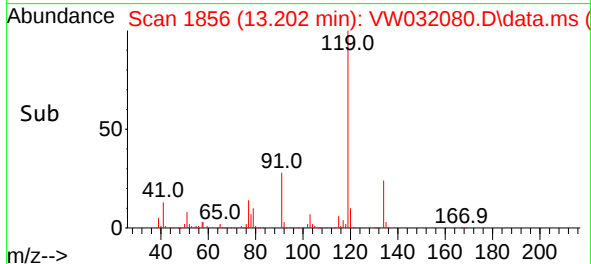
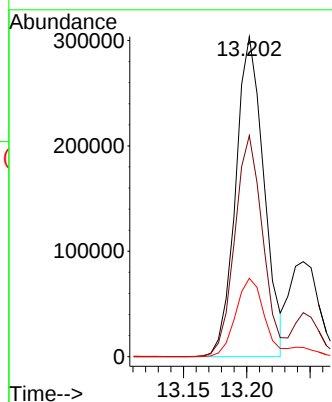
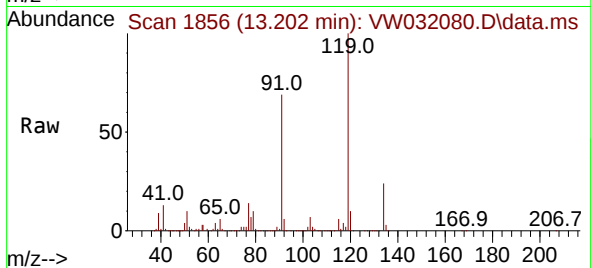
Tgt Ion:119 Resp: 472615

Ion Ratio Lower Upper

119 100

91 69.3 35.3 105.9

134 25.0 12.1 36.3



#84

1,2,4-Trimethylbenzene

Concen: 53.062 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032080.D

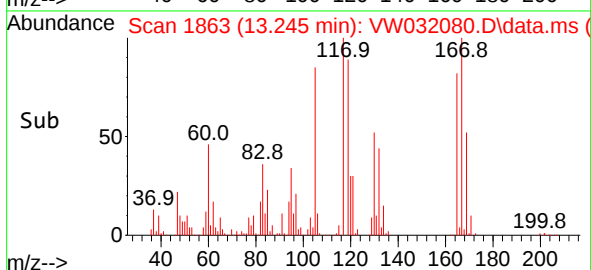
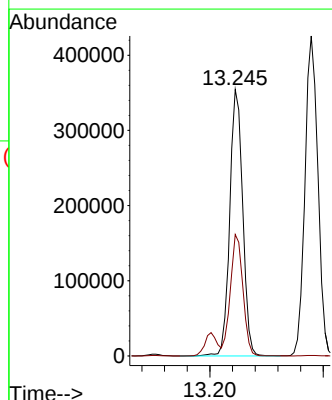
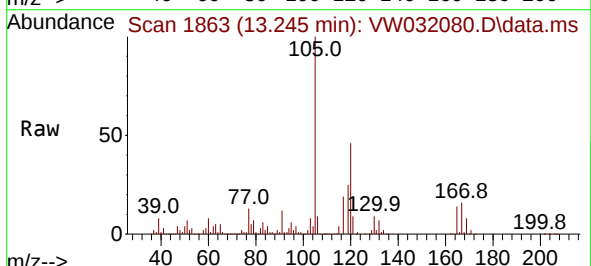
Acq: 14 Aug 2025 09:27

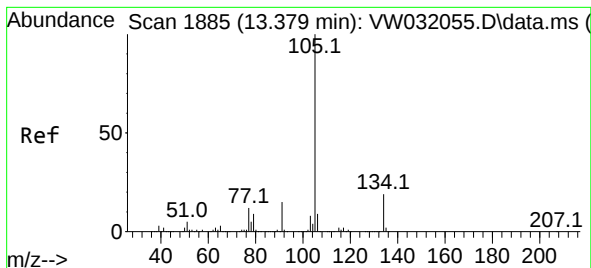
Tgt Ion:105 Resp: 560238

Ion Ratio Lower Upper

105 100

120 44.2 21.6 64.8





#85

sec-Butylbenzene

Concen: 51.695 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

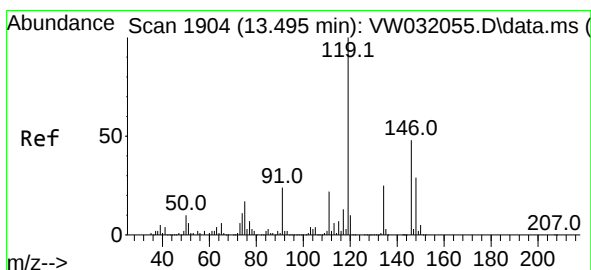
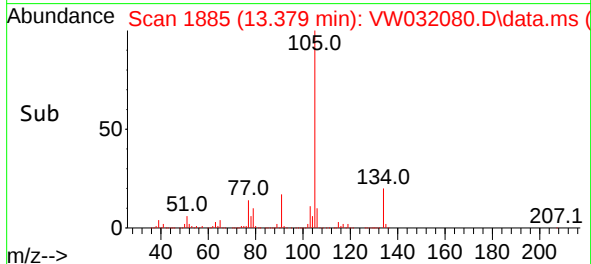
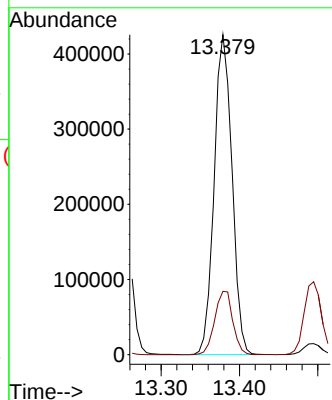
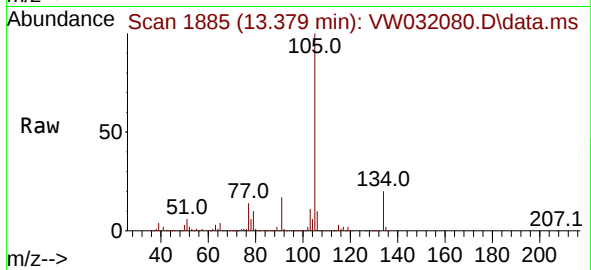
ClientSampleId :

Tgt Ion:105 Resp: 672760

Ion Ratio Lower Upper

105 100

134 20.1 9.9 29.7



#86

p-Isopropyltoluene

Concen: 53.502 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

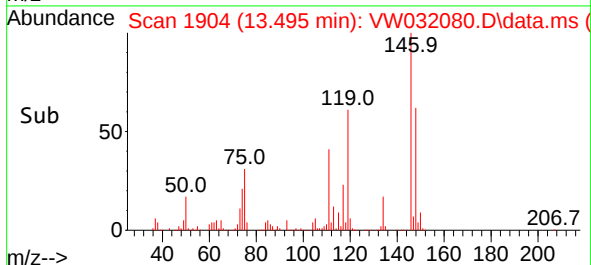
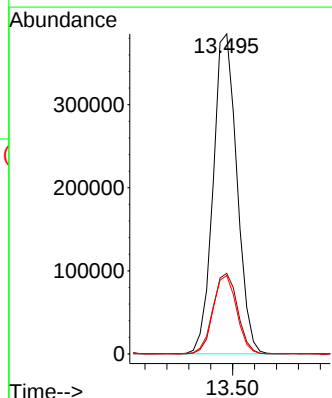
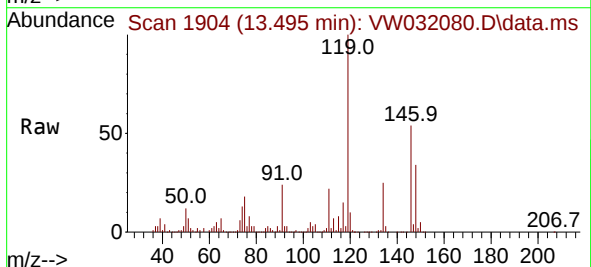
Tgt Ion:119 Resp: 580472

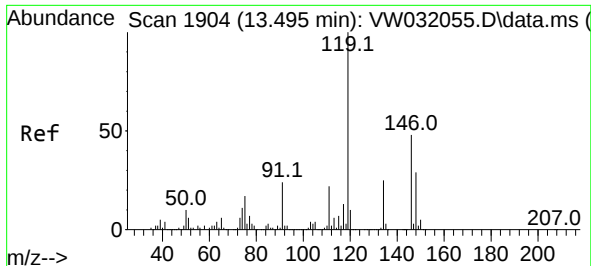
Ion Ratio Lower Upper

119 100

134 25.7 12.4 37.0

91 24.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 56.169 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

ClientSampleId :

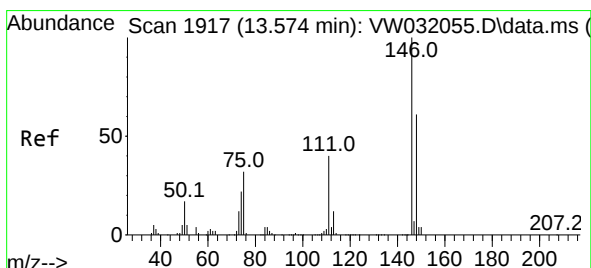
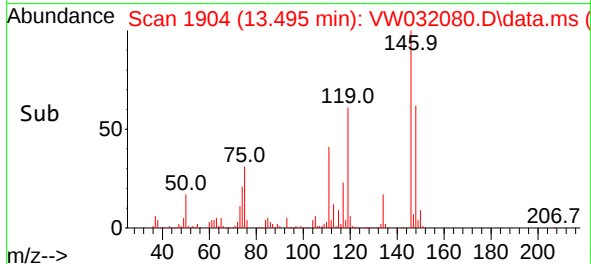
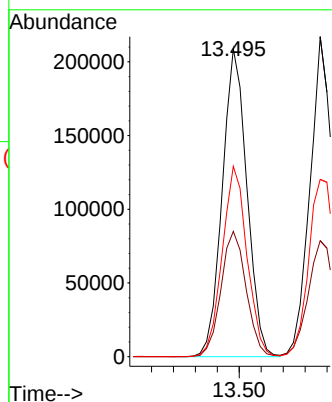
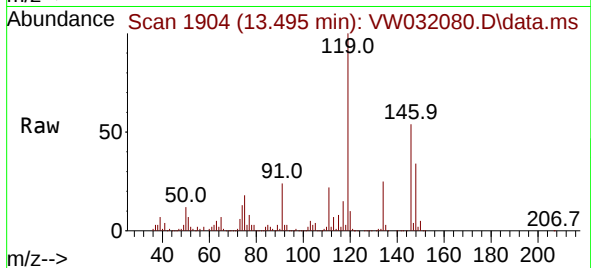
Tgt Ion:146 Resp: 326126

Ion Ratio Lower Upper

146 100

111 41.6 21.2 63.6

148 62.1 30.3 90.8



#88

1,4-Dichlorobenzene

Concen: 54.595 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

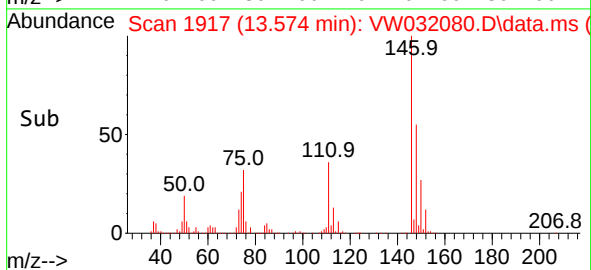
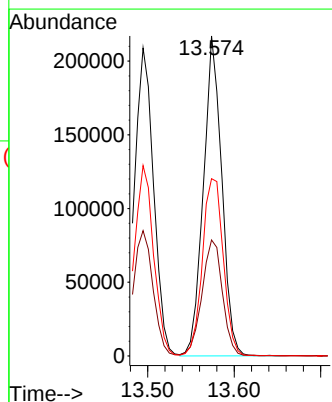
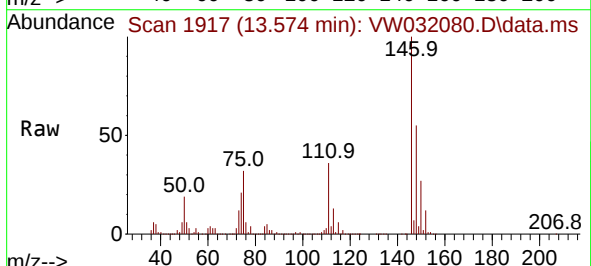
Tgt Ion:146 Resp: 320333

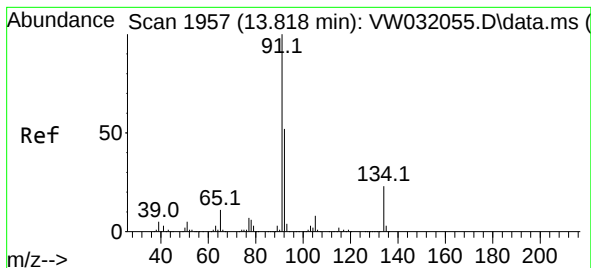
Ion Ratio Lower Upper

146 100

111 40.3 21.6 64.6

148 62.9 32.0 96.2





#89

n-Butylbenzene

Concen: 53.618 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

ClientSampleId :

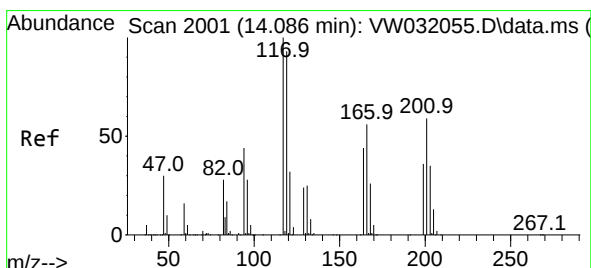
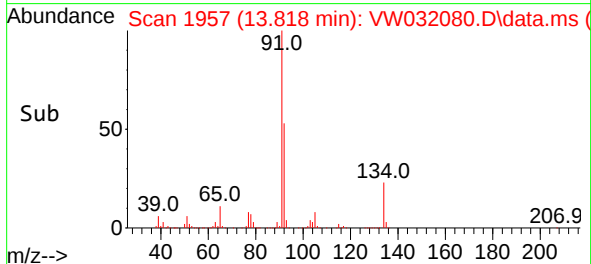
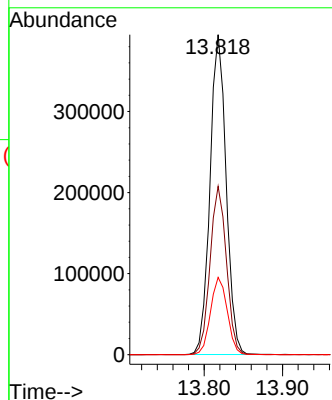
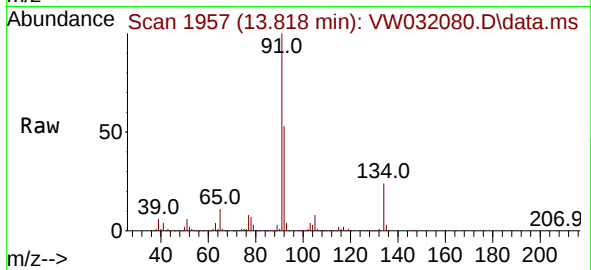
Tgt Ion: 91 Resp: 565150

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

134 25.0 12.0 36.1



#90

Hexachloroethane

Concen: 51.649 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032080.D

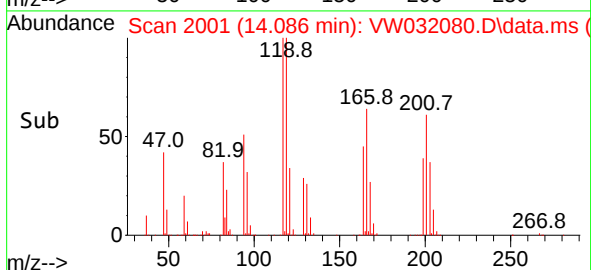
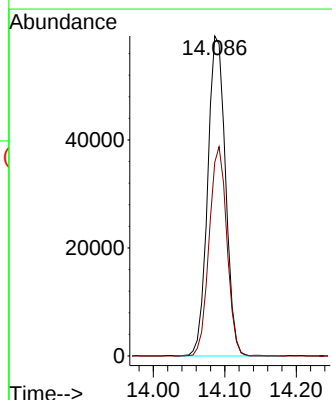
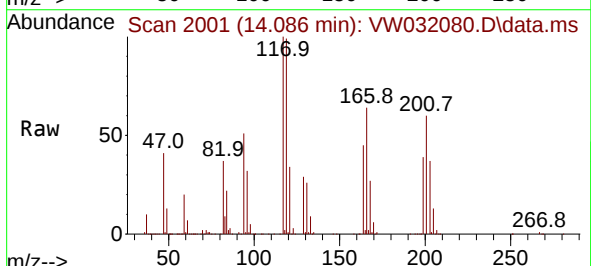
Acq: 14 Aug 2025 09:27

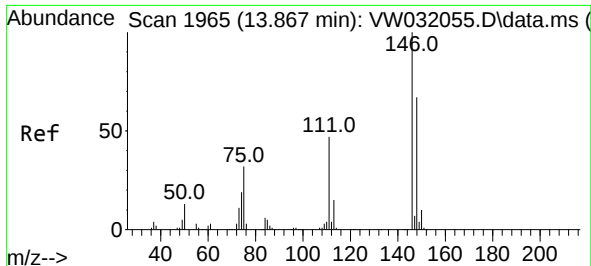
Tgt Ion: 117 Resp: 102479

Ion Ratio Lower Upper

117 100

201 64.8 30.9 92.5





#91

1,2-Dichlorobenzene

Concen: 56.464 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

ClientSampleId :

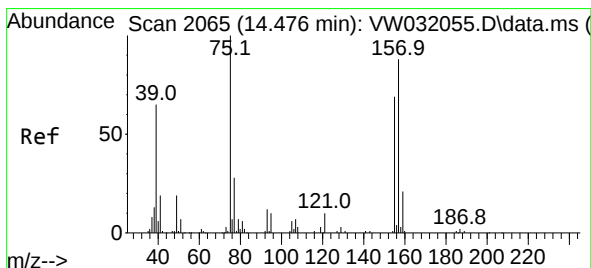
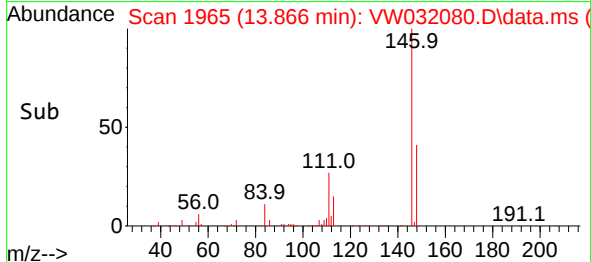
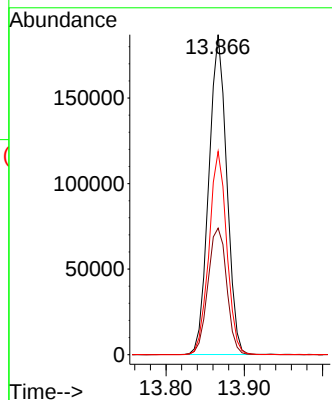
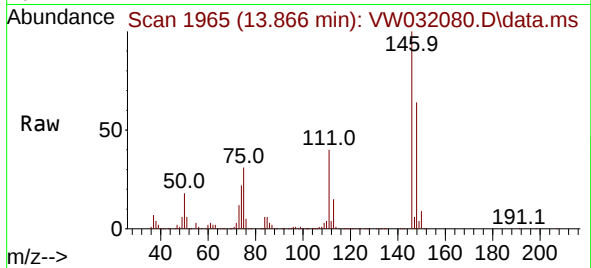
Tgt Ion:146 Resp: 296975

Ion Ratio Lower Upper

146 100

111 41.7 23.1 69.3

148 62.9 32.9 98.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.473 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

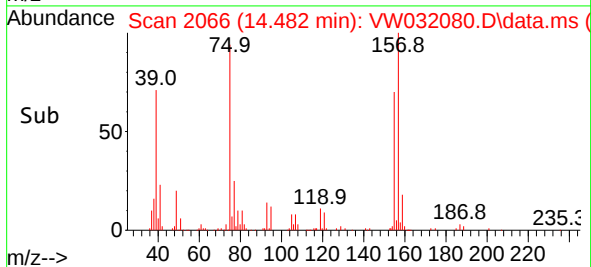
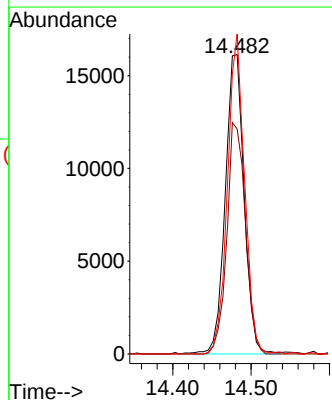
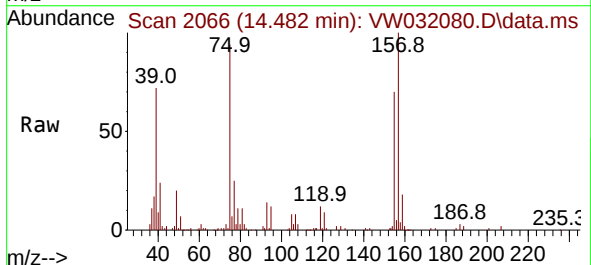
Tgt Ion: 75 Resp: 27059

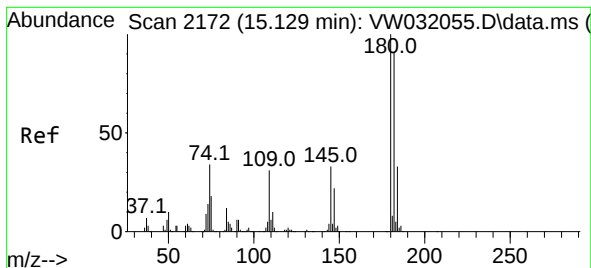
Ion Ratio Lower Upper

75 100

155 75.8 35.2 105.6

157 96.7 47.5 142.6





#93

1,2,4-Trichlorobenzene

Concen: 55.052 ug/l

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

ClientSampleId :

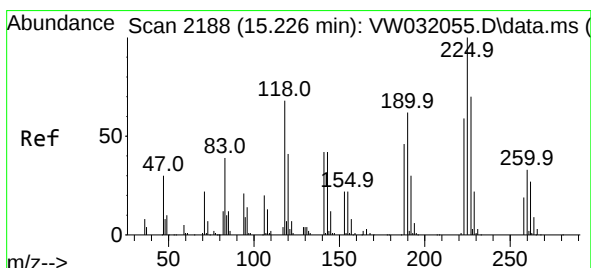
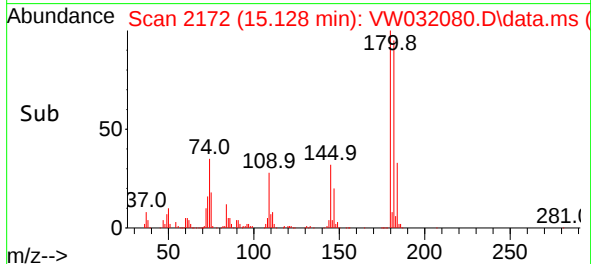
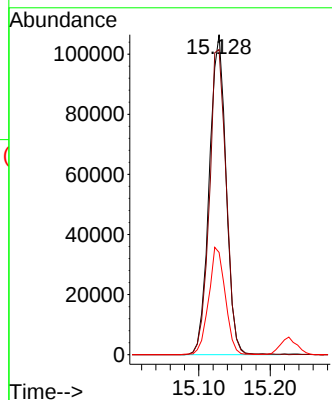
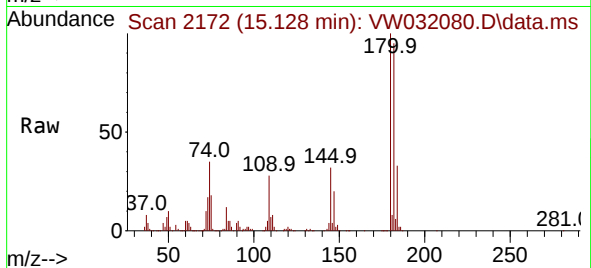
Tgt Ion:180 Resp: 173211

Ion Ratio Lower Upper

180 100

182 96.0 49.0 147.0

145 33.3 17.3 51.9



#94

Hexachlorobutadiene

Concen: 57.968 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

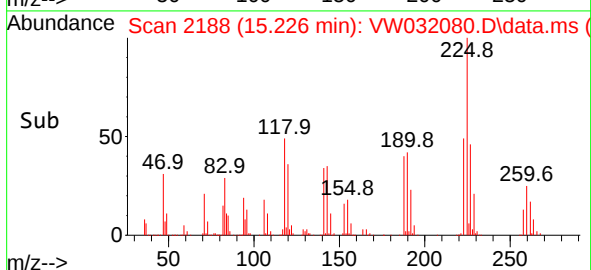
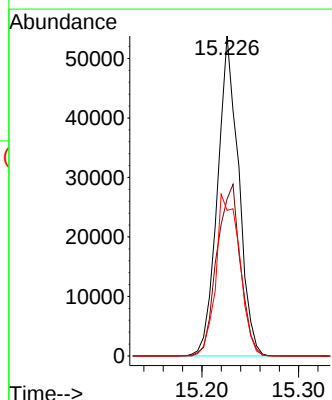
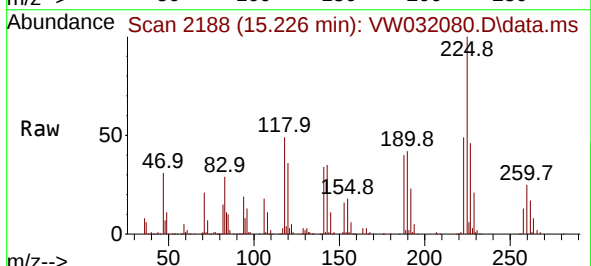
Tgt Ion:225 Resp: 81528

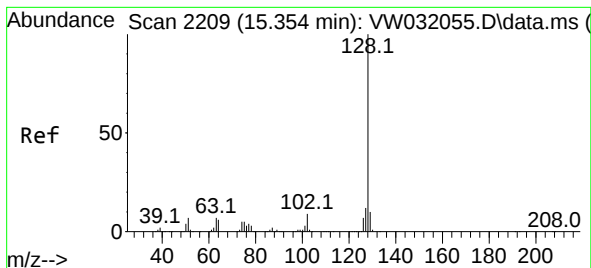
Ion Ratio Lower Upper

225 100

223 59.7 31.8 95.3

227 56.6 33.5 100.5





#95

Naphthalene

Concen: 57.653 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA\_W

ClientSampleId :

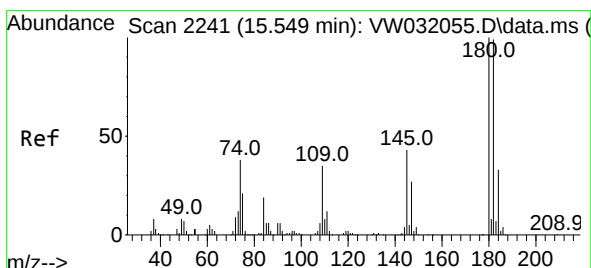
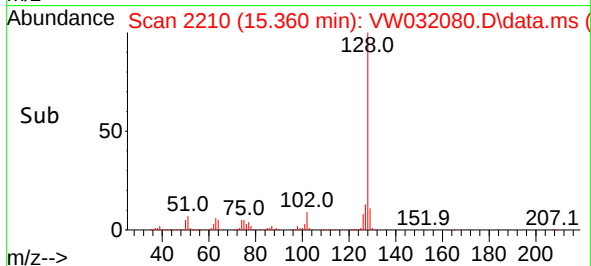
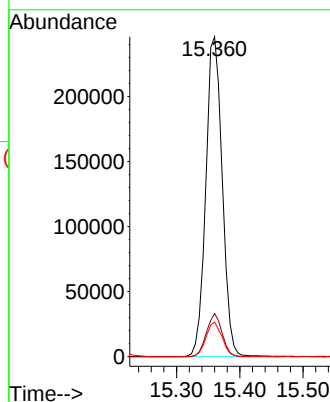
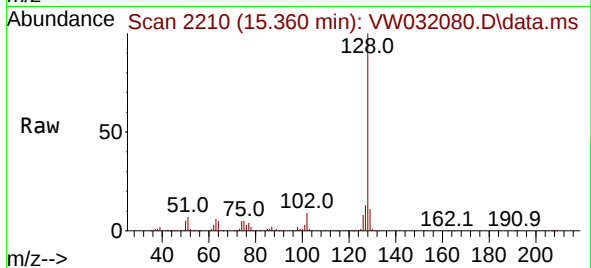
Tgt Ion:128 Resp: 444478

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.6 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 56.917 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Tgt Ion:180 Resp: 162937

Ion Ratio Lower Upper

180 100

182 98.6 46.0 138.0

145 34.3 19.2 57.6

