

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071425\  
 Data File : VW031839.D  
 Acq On : 14 Jul 2025 10:36  
 Operator : SY/MD  
 Sample : VW0714SBS01  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0714SBS01

Quant Time: Jul 15 02:40:25 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W063025S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 01 03:35:17 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.965  | 168  | 213196   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.855  | 114  | 419599   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.635 | 117  | 383633   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 180632   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.319  | 65    | 168874   | 55.195   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | = 110.380% |      |
| 35) Dibromofluoromethane    | 7.904  | 113   | 141487   | 51.674   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | = 103.340% |      |
| 50) Toluene-d8              | 10.325 | 98    | 514621   | 50.505   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | = 101.020% |      |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 202927   | 54.118   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | = 108.240% |      |

|                              |       |     |        |         |      |     |
|------------------------------|-------|-----|--------|---------|------|-----|
| Target Compounds             |       |     |        | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 2.052 | 85  | 24609  | 16.949  | ug/l | 99  |
| 3) Chloromethane             | 2.259 | 50  | 34502  | 19.710  | ug/l | 98  |
| 4) Vinyl Chloride            | 2.411 | 62  | 45927  | 19.962  | ug/l | 95  |
| 5) Bromomethane              | 2.826 | 94  | 36697  | 20.420  | ug/l | 95  |
| 6) Chloroethane              | 2.972 | 64  | 31465  | 20.133  | ug/l | 95  |
| 7) Trichlorofluoromethane    | 3.308 | 101 | 40411  | 19.340  | ug/l | 94  |
| 8) Diethyl Ether             | 3.722 | 74  | 35543  | 22.386  | ug/l | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.100 | 101 | 45420  | 19.584  | ug/l | 97  |
| 10) Methyl Iodide            | 4.314 | 142 | 71247  | 19.927  | ug/l | 99  |
| 11) Tert butyl alcohol       | 5.234 | 59  | 20449  | 107.881 | ug/l | 98  |
| 12) 1,1-Dichloroethene       | 4.082 | 96  | 50821  | 20.005  | ug/l | 92  |
| 13) Acrolein                 | 3.936 | 56  | 25636  | 75.248  | ug/l | 95  |
| 14) Allyl chloride           | 4.704 | 41  | 81670  | 20.953  | ug/l | 98  |
| 15) Acrylonitrile            | 5.405 | 53  | 84019  | 107.608 | ug/l | 99  |
| 16) Acetone                  | 4.167 | 43  | 75082  | 99.283  | ug/l | 94  |
| 17) Carbon Disulfide         | 4.429 | 76  | 125753 | 18.499  | ug/l | 98  |
| 18) Methyl Acetate           | 4.710 | 43  | 45134  | 20.883  | ug/l | 98  |
| 19) Methyl tert-butyl Ether  | 5.466 | 73  | 98454  | 22.834  | ug/l | 99  |
| 20) Methylene Chloride       | 4.960 | 84  | 81509  | 24.463  | ug/l | 98  |
| 21) trans-1,2-Dichloroethene | 5.460 | 96  | 57078  | 21.146  | ug/l | 98  |
| 22) Diisopropyl ether        | 6.344 | 45  | 179249 | 23.580  | ug/l | 98  |
| 23) Vinyl Acetate            | 6.289 | 43  | 593190 | 114.245 | ug/l | 97  |
| 24) 1,1-Dichloroethane       | 6.252 | 63  | 109046 | 22.126  | ug/l | 99  |
| 25) 2-Butanone               | 7.197 | 43  | 109501 | 111.299 | ug/l | 99  |
| 26) 2,2-Dichloropropane      | 7.185 | 77  | 57198  | 19.892  | ug/l | 100 |
| 27) cis-1,2-Dichloroethene   | 7.191 | 96  | 69492  | 22.396  | ug/l | 98  |
| 28) Bromochloromethane       | 7.532 | 49  | 49771  | 22.885  | ug/l | 99  |
| 29) Tetrahydrofuran          | 7.557 | 42  | 74733  | 110.918 | ug/l | 99  |
| 30) Chloroform               | 7.697 | 83  | 117943 | 22.522  | ug/l | 99  |
| 31) Cyclohexane              | 7.971 | 56  | 86315  | 19.813  | ug/l | 96  |
| 32) 1,1,1-Trichloroethane    | 7.886 | 97  | 83140  | 20.601  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 8.099 | 75  | 76947  | 19.421  | ug/l | 99  |
| 37) Ethyl Acetate            | 7.276 | 43  | 50983  | 20.398  | ug/l | 100 |
| 38) Carbon Tetrachloride     | 8.081 | 117 | 74893  | 18.549  | ug/l | 99  |
| 39) Methylcyclohexane        | 9.343 | 83  | 89385  | 18.133  | ug/l | 94  |
| 40) Benzene                  | 8.337 | 78  | 244539 | 20.861  | ug/l | 100 |

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 Sample : VW0714SBS01  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0714SBS01

Quant Time: Jul 15 02:40:25 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W063025S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 01 03:35:17 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.502  | 41   | 27875    | 20.819  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.410  | 62   | 81454    | 20.565  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.441  | 43   | 87779    | 20.374  | ug/l   | 98       |
| 44) Trichloroethene           | 9.099  | 130  | 57013    | 19.486  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.380  | 63   | 57958    | 20.457  | ug/l   | 100      |
| 46) Dibromomethane            | 9.465  | 93   | 37747    | 20.637  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.654  | 83   | 89141    | 20.783  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.447  | 41   | 43023    | 20.309  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.465  | 88   | 9243     | 431.465 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.215 | 43   | 256818   | 103.684 | ug/l   | 100      |
| 52) Toluene                   | 10.392 | 92   | 158007   | 21.053  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.611 | 75   | 84553    | 21.011  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.075 | 75   | 95766    | 20.992  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 50275    | 20.983  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 71692    | 22.056  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 90014    | 21.398  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 193414   | 108.059 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.971 | 43   | 180082   | 107.289 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.129 | 129  | 55936    | 19.523  | ug/l   | 93       |
| 61) 1,2-Dibromoethane         | 11.239 | 107  | 49994    | 20.843  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.861 | 164  | 43464    | 17.320  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.654 | 112  | 166946   | 19.724  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.733 | 131  | 54305    | 20.133  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.727 | 91   | 300048   | 20.443  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.837 | 106  | 224555   | 39.799  | ug/l   | 99       |
| 69) o-Xylene                  | 12.166 | 106  | 107272   | 20.534  | ug/l   | 99       |
| 70) Styrene                   | 12.178 | 104  | 183895   | 20.362  | ug/l   | 98       |
| 71) Bromoform                 | 12.349 | 173  | 30684    | 19.069  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.465 | 105  | 280880   | 20.443  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.269 | 43   | 81575    | 22.027  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 63391    | 20.781  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 81181    | 34.778  | ug/l   | 41       |
| 77) Bromobenzene              | 12.745 | 156  | 61500    | 20.069  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.800 | 91   | 337459   | 20.510  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 209747   | 21.170  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 238168   | 20.941  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.513 | 75   | 18854    | 18.813  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 12.989 | 91   | 218429   | 20.999  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.202 | 119  | 194261   | 19.940  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 241588   | 20.965  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.379 | 105  | 293323   | 20.059  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 247144   | 20.508  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 124859   | 20.317  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 126920   | 20.177  | ug/l   | 94       |
| 89) n-Butylbenzene            | 13.818 | 91   | 234809   | 20.054  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.092 | 117  | 41932    | 19.287  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 116784   | 20.791  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.476 | 75   | 11462    | 19.244  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.129 | 180  | 68535    | 19.784  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.226 | 225  | 28897    | 17.275  | ug/l   | 95       |
| 95) Naphthalene               | 15.360 | 128  | 167105   | 19.676  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 61227    | 19.235  | ug/l   | 91       |

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Operator : SY/MD  
Sample : VW0714SBSD01  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

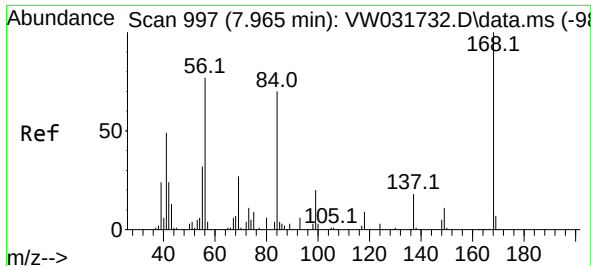
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

Quant Time: Jul 15 02:40:25 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W063025S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 01 03:35:17 2025  
Response via : Initial Calibration

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

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

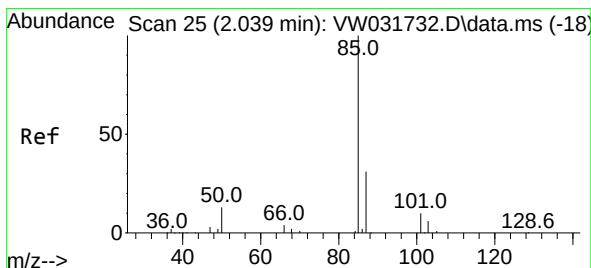
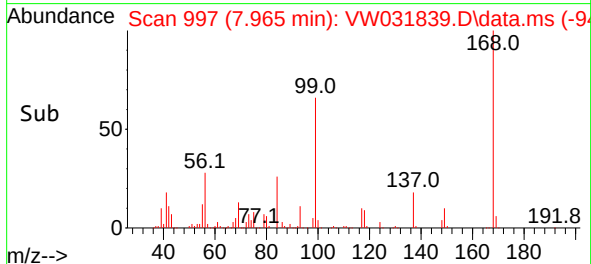
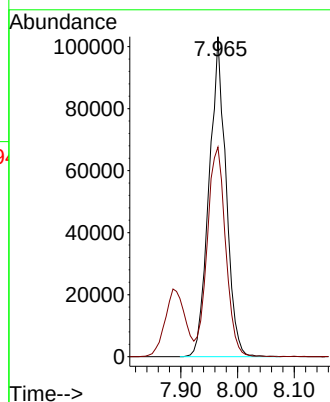
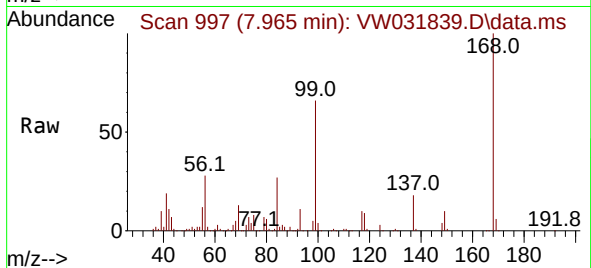




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.965 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

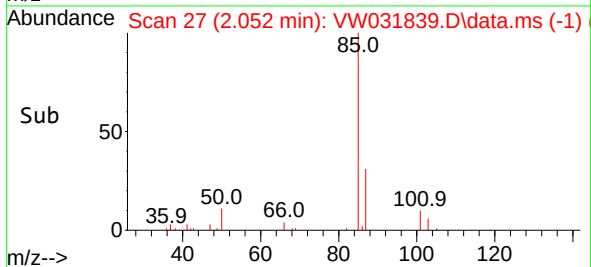
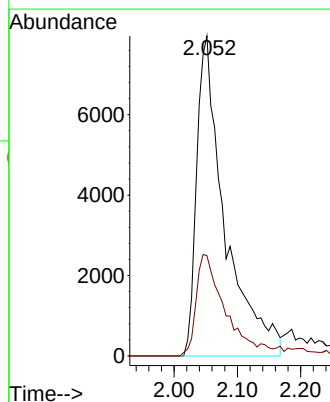
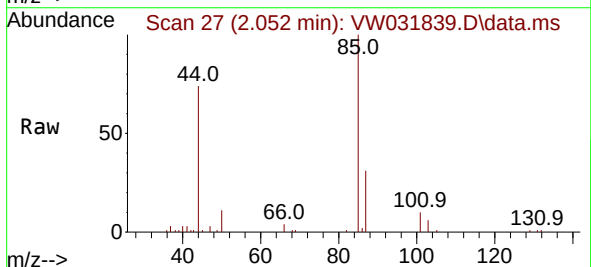
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

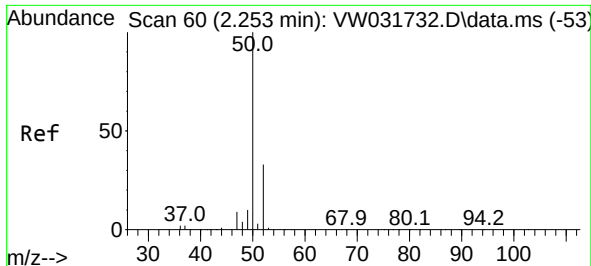
Tgt Ion:168 Resp: 213196  
Ion Ratio Lower Upper  
168 100  
99 65.5 49.4 74.2



#2  
Dichlorodifluoromethane  
Concen: 16.949 ug/l  
RT: 2.052 min Scan# 27  
Delta R.T. 0.012 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 85 Resp: 24609  
Ion Ratio Lower Upper  
85 100  
87 31.4 15.4 46.2

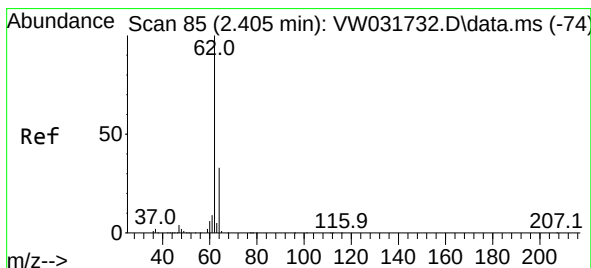
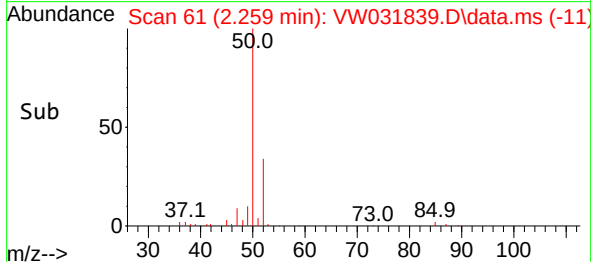
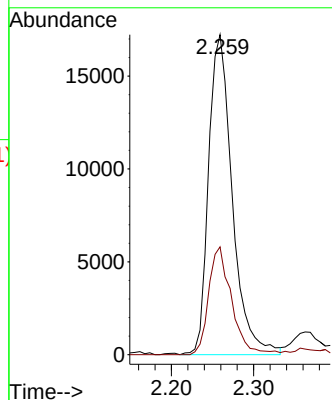
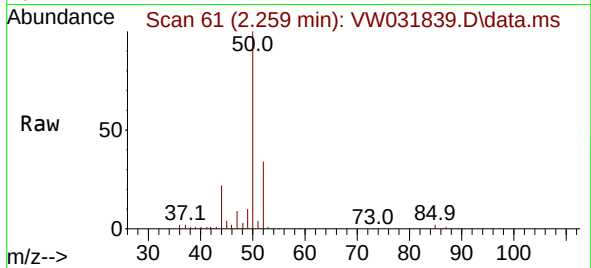




#3  
Chloromethane  
Concen: 19.710 ug/l  
RT: 2.259 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

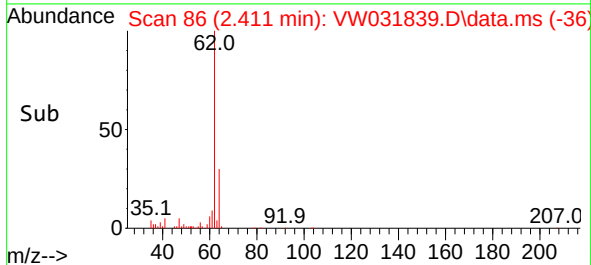
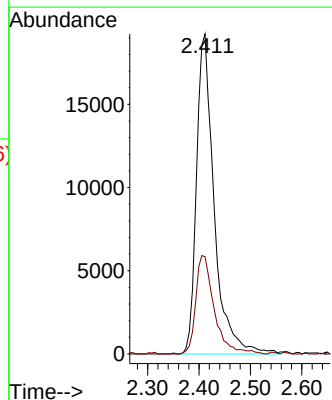
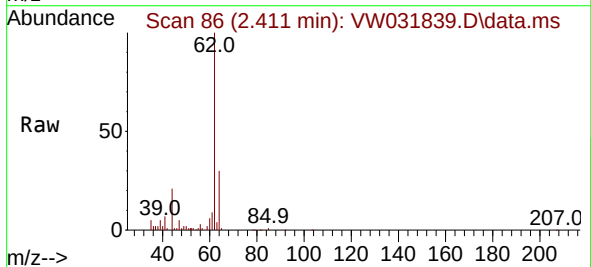
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

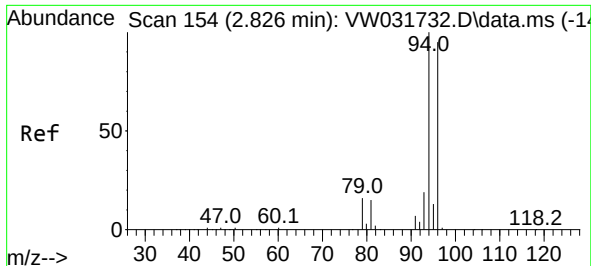
Tgt Ion: 50 Resp: 34502  
Ion Ratio Lower Upper  
50 100  
52 33.7 26.2 39.2



#4  
Vinyl Chloride  
Concen: 19.962 ug/l  
RT: 2.411 min Scan# 86  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 62 Resp: 45927  
Ion Ratio Lower Upper  
62 100  
64 30.4 26.8 40.2

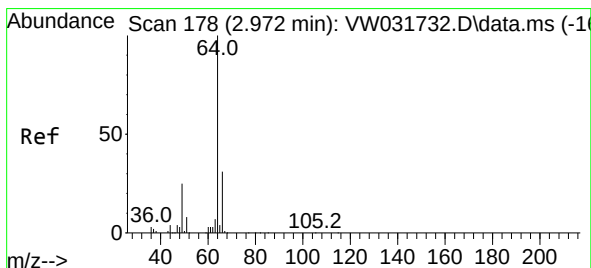
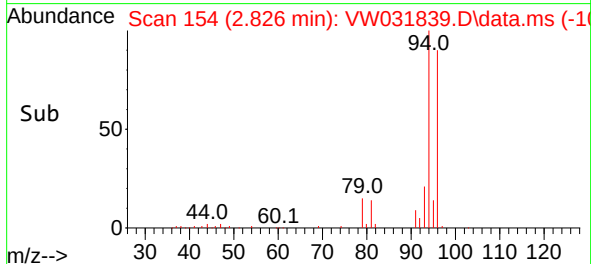
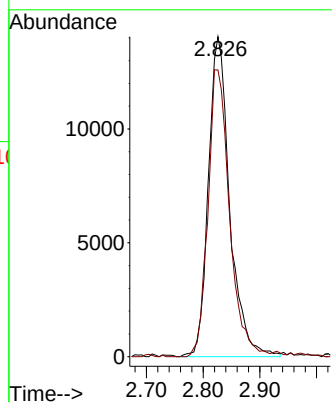
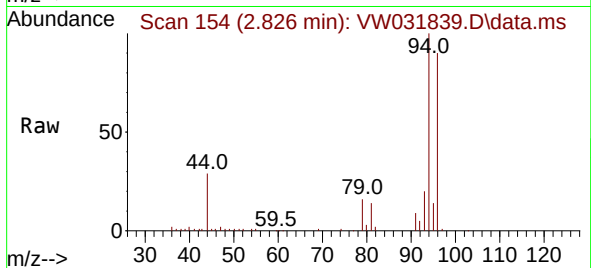




#5  
Bromomethane  
Concen: 20.420 ug/l  
RT: 2.826 min Scan# 154  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

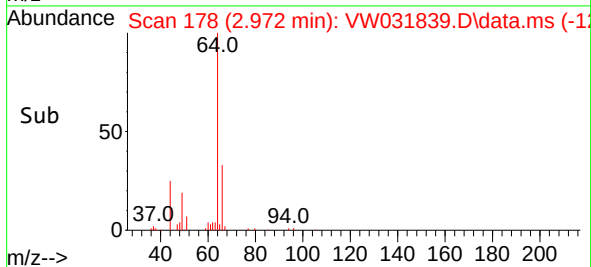
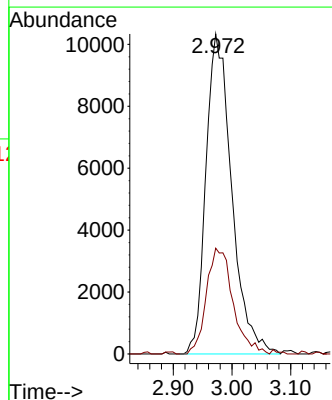
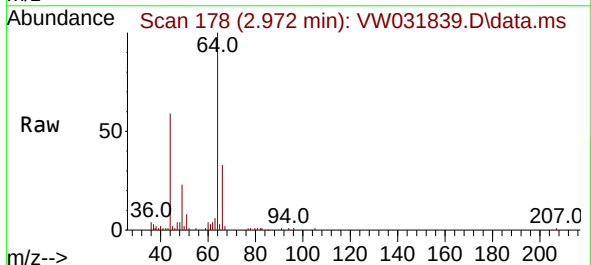
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

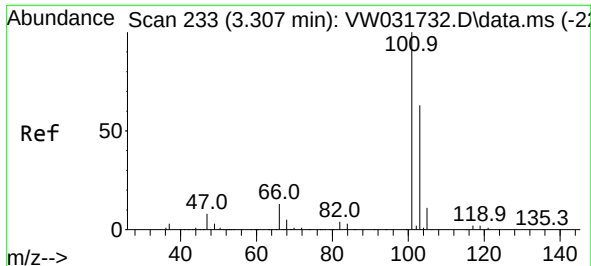
Tgt Ion: 94 Resp: 36697  
Ion Ratio Lower Upper  
94 100  
96 89.6 75.6 113.4



#6  
Chloroethane  
Concen: 20.133 ug/l  
RT: 2.972 min Scan# 178  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 64 Resp: 31465  
Ion Ratio Lower Upper  
64 100  
66 33.1 24.5 36.7

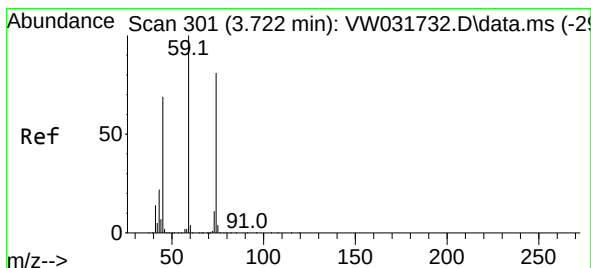
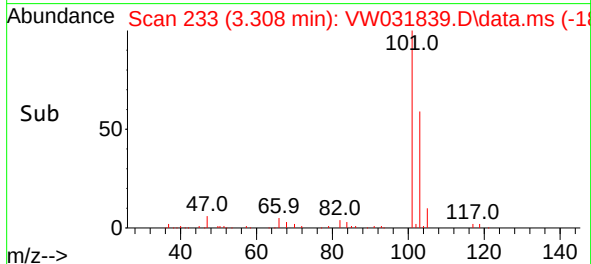
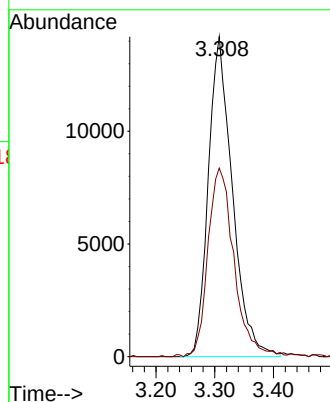
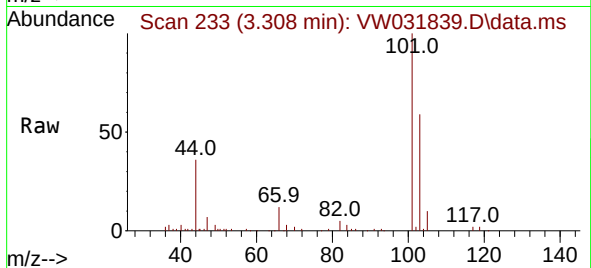




#7  
 Trichlorofluoromethane  
 Concen: 19.340 ug/l  
 RT: 3.308 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VW031839.D  
 Acq: 14 Jul 2025 10:36

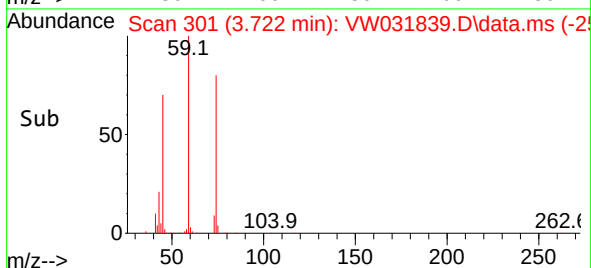
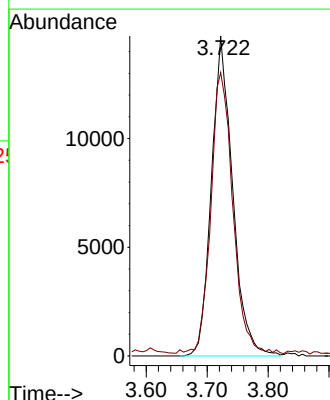
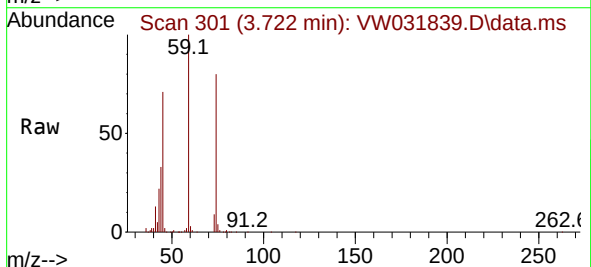
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0714SBSD01

Tgt Ion:101 Resp: 40411  
 Ion Ratio Lower Upper  
 101 100  
 103 58.4 50.2 75.4

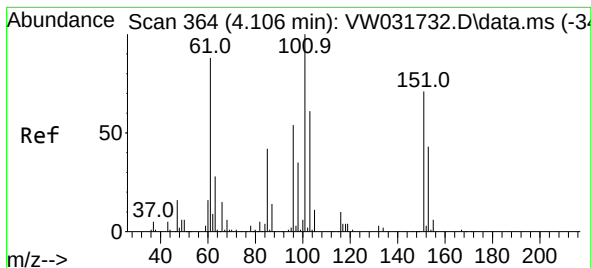


#8  
 Diethyl Ether  
 Concen: 22.386 ug/l  
 RT: 3.722 min Scan# 301  
 Delta R.T. 0.000 min  
 Lab File: VW031839.D  
 Acq: 14 Jul 2025 10:36

Tgt Ion: 74 Resp: 35543  
 Ion Ratio Lower Upper  
 74 100  
 45 91.1 43.9 131.7



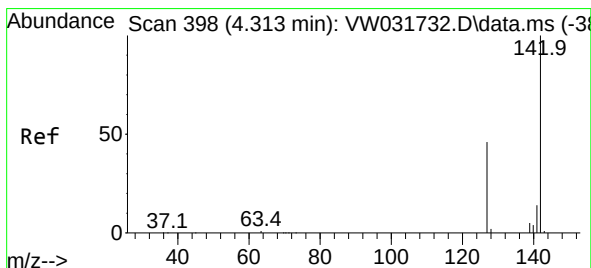
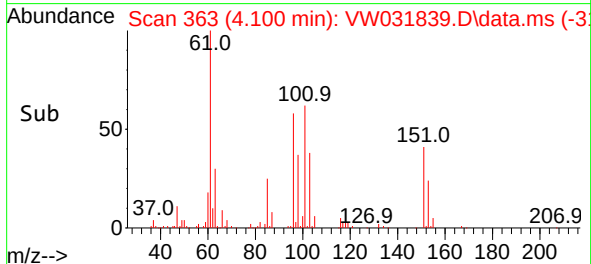
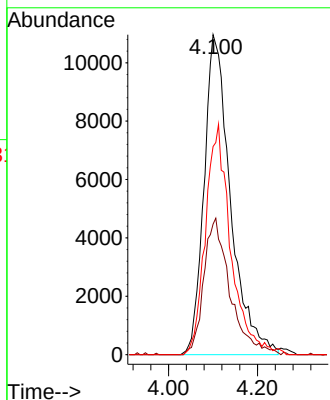
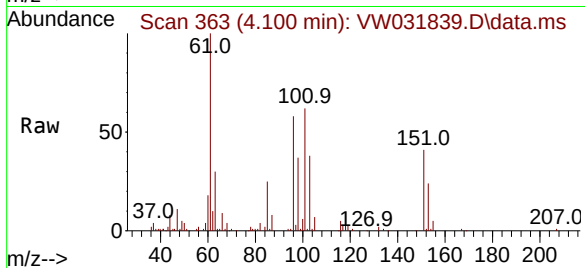




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 19.584 ug/l  
 RT: 4.100 min Scan# 364  
 Delta R.T. -0.006 min  
 Lab File: VW031839.D  
 Acq: 14 Jul 2025 10:36

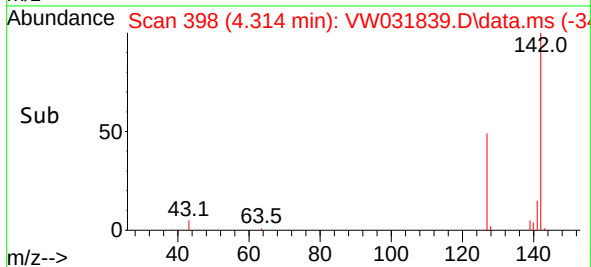
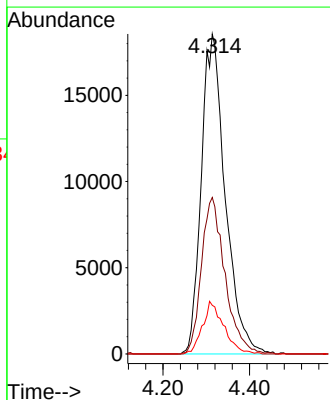
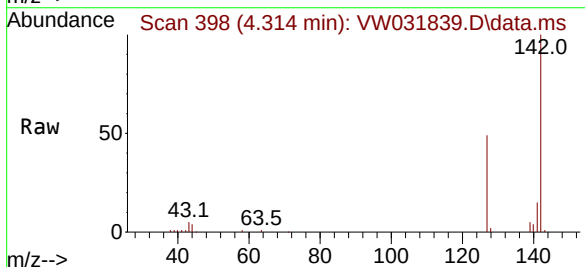
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0714SBS01

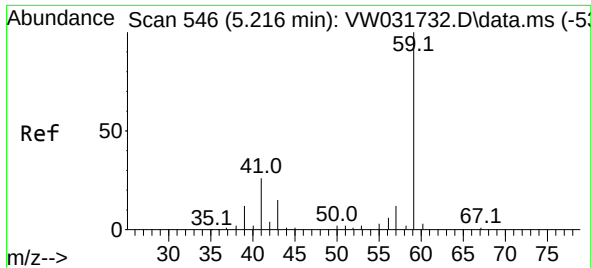
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 45420 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 42.3  | 35.6  | 53.4  |
| 151      | 68.3  | 56.8  | 85.2  |



#10  
 Methyl Iodide  
 Concen: 19.927 ug/l  
 RT: 4.314 min Scan# 398  
 Delta R.T. 0.000 min  
 Lab File: VW031839.D  
 Acq: 14 Jul 2025 10:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 71247 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 47.9  | 37.9  | 56.9  |
| 141      | 14.7  | 11.7  | 17.5  |

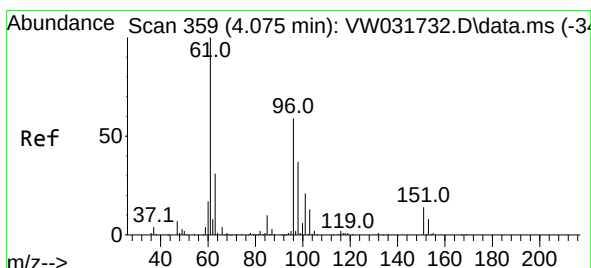
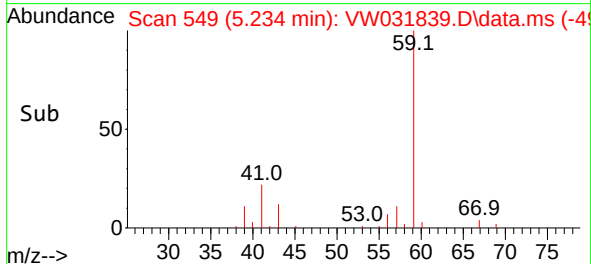
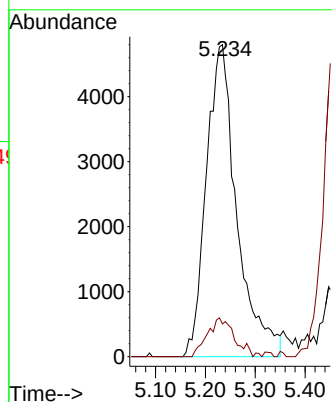
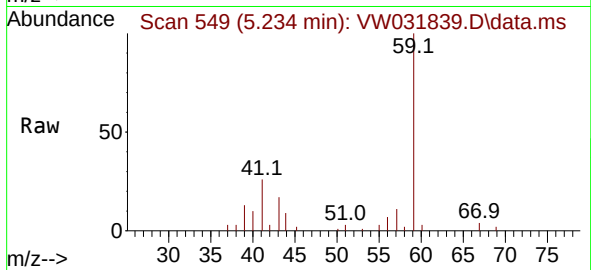




#11  
Tert butyl alcohol  
Concen: 107.881 ug/l  
RT: 5.234 min Scan# 546  
Delta R.T. 0.019 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

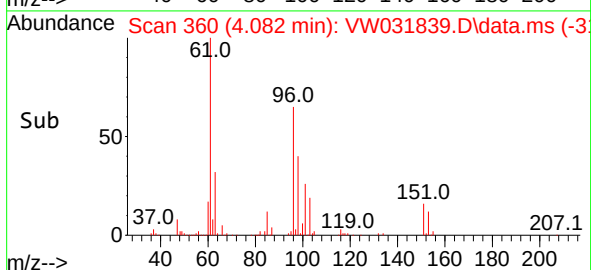
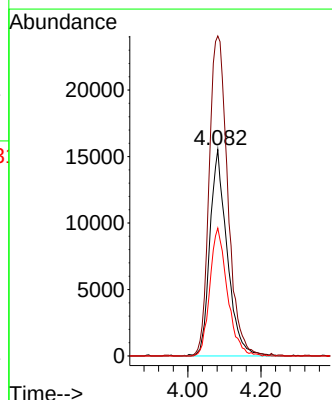
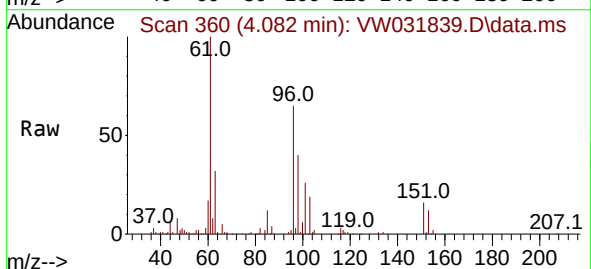
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

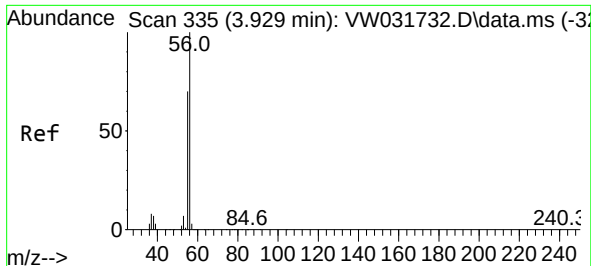
Tgt Ion: 59 Resp: 20449  
Ion Ratio Lower Upper  
59 100  
57 10.9 9.5 14.3



#12  
1,1-Dichloroethene  
Concen: 20.005 ug/l  
RT: 4.082 min Scan# 360  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 96 Resp: 50821  
Ion Ratio Lower Upper  
96 100  
61 155.0 135.8 203.8  
98 62.0 50.4 75.6

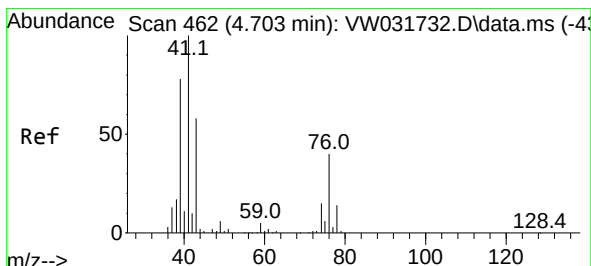
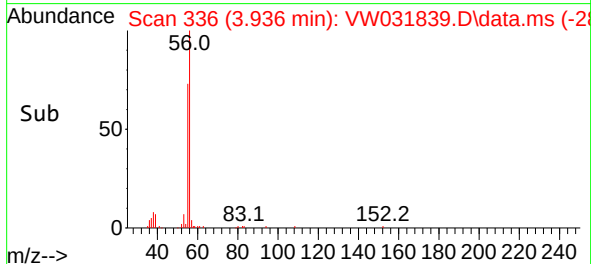
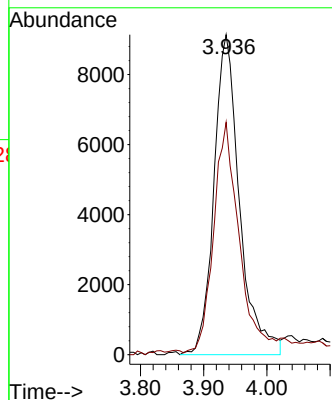
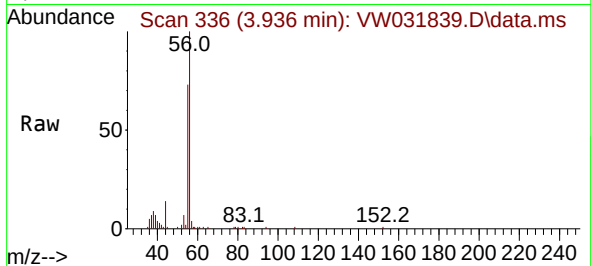




#13  
Acrolein  
Concen: 75.248 ug/l  
RT: 3.936 min Scan# 335  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

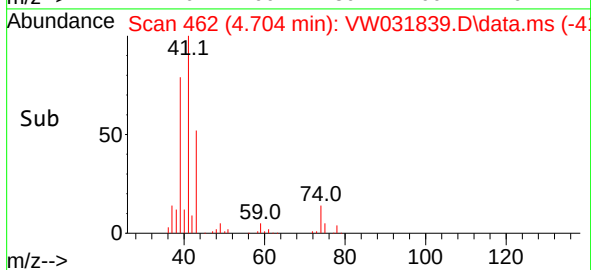
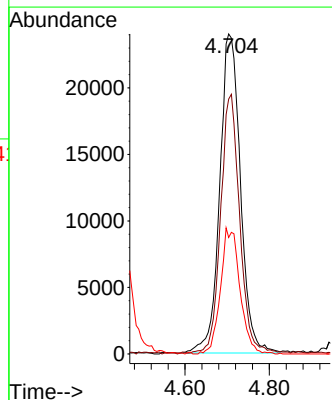
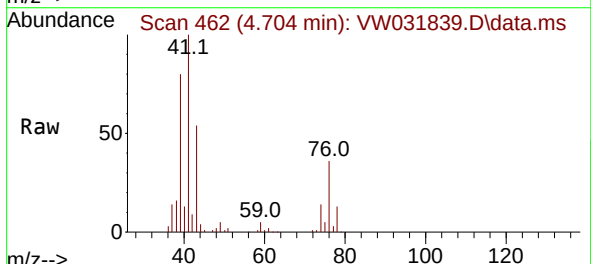
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

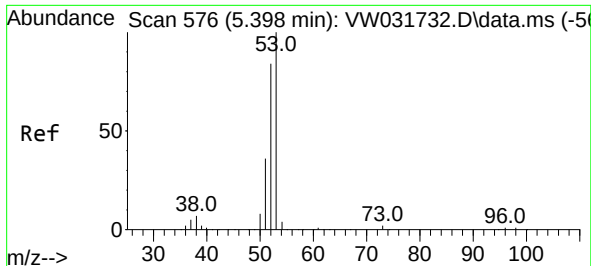
Tgt Ion: 56 Resp: 25636  
Ion Ratio Lower Upper  
56 100  
55 71.7 54.0 81.0



#14  
Allyl chloride  
Concen: 20.953 ug/l  
RT: 4.704 min Scan# 462  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 41 Resp: 81670  
Ion Ratio Lower Upper  
41 100  
39 74.4 60.7 91.1  
76 37.0 30.3 45.5

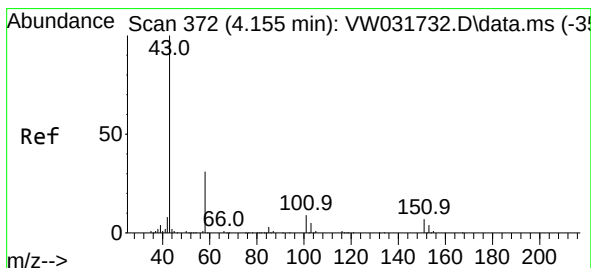
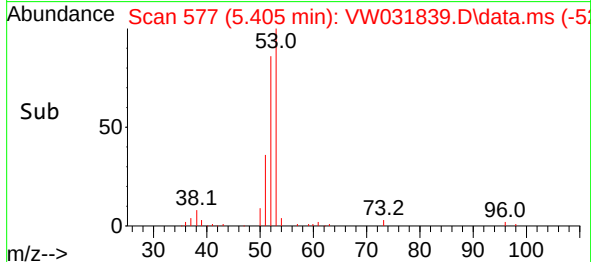
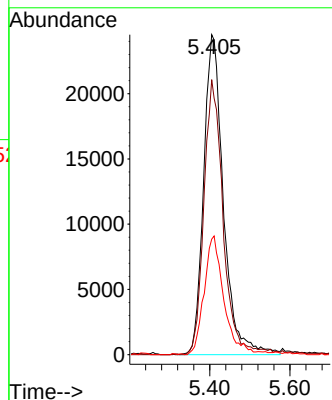
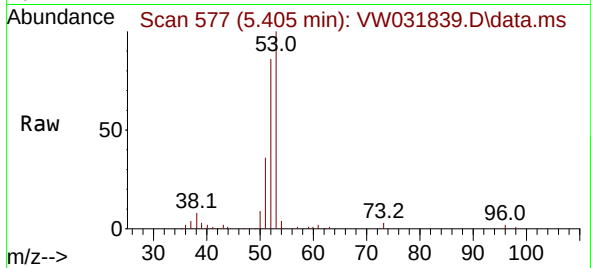




#15  
Acrylonitrile  
Concen: 107.608 ug/l  
RT: 5.405 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

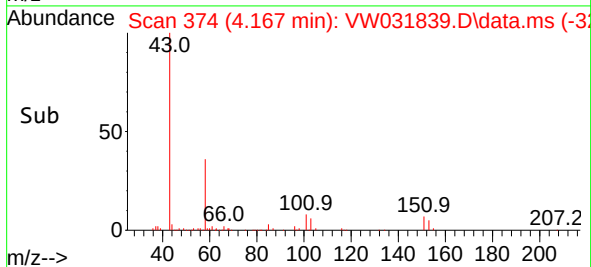
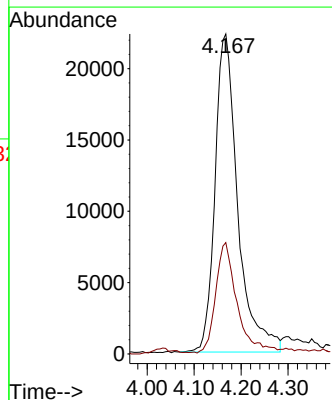
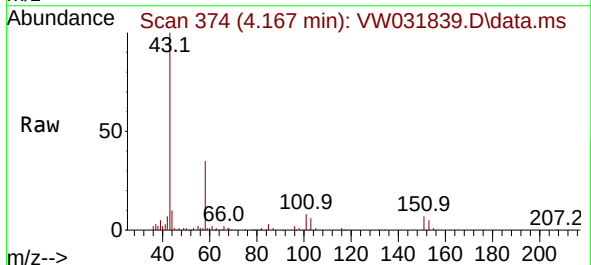
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

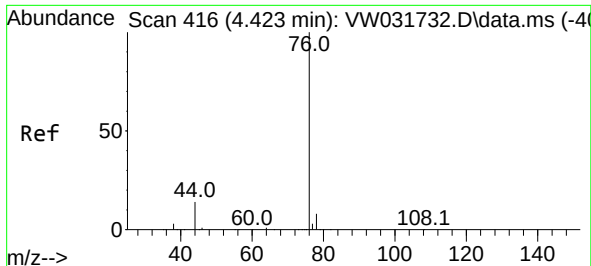
Tgt Ion: 53 Resp: 84019  
Ion Ratio Lower Upper  
53 100  
52 83.5 66.4 99.6  
51 36.8 29.9 44.9



#16  
Acetone  
Concen: 99.283 ug/l  
RT: 4.167 min Scan# 374  
Delta R.T. 0.013 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 43 Resp: 75082  
Ion Ratio Lower Upper  
43 100  
58 34.5 24.8 37.2

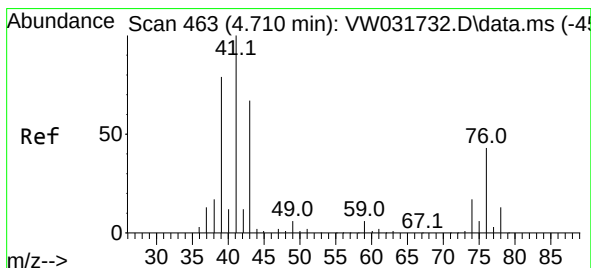
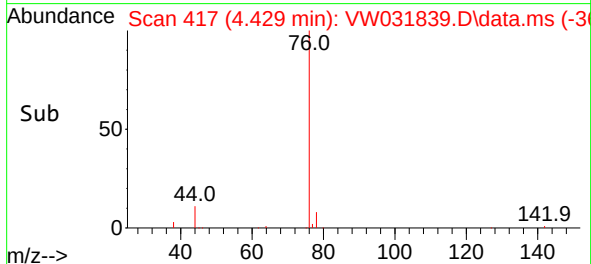
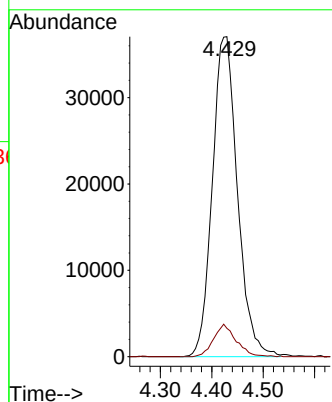
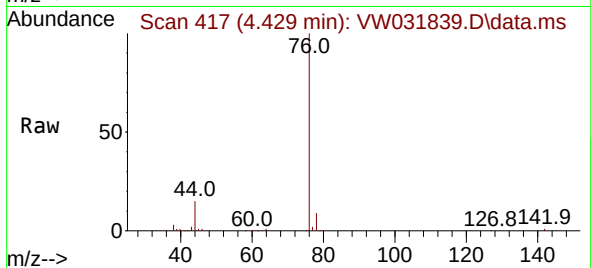




#17  
Carbon Disulfide  
Concen: 18.499 ug/l  
RT: 4.429 min Scan# 416  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

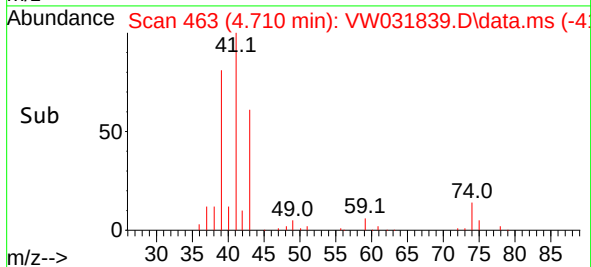
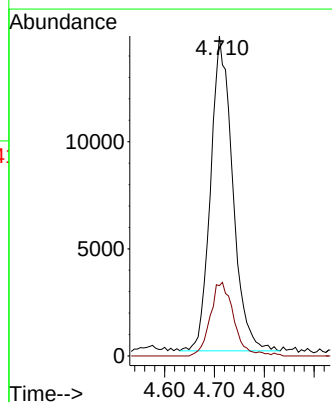
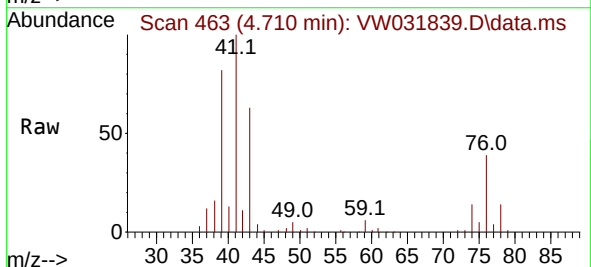
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

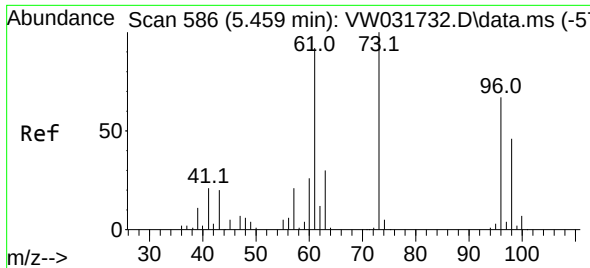
Tgt Ion: 76 Resp: 125753  
Ion Ratio Lower Upper  
76 100  
78 8.9 6.6 10.0



#18  
Methyl Acetate  
Concen: 20.883 ug/l  
RT: 4.710 min Scan# 463  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 43 Resp: 45134  
Ion Ratio Lower Upper  
43 100  
74 24.9 20.6 30.8

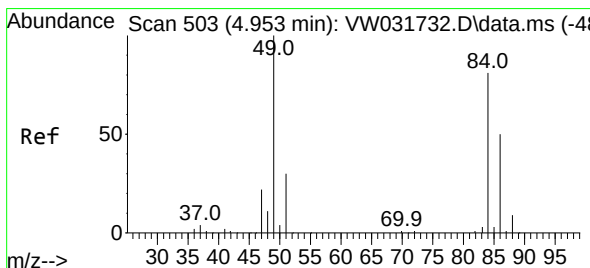
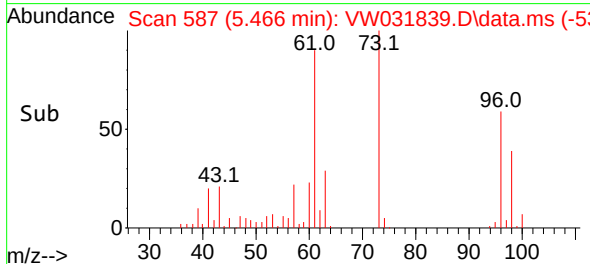
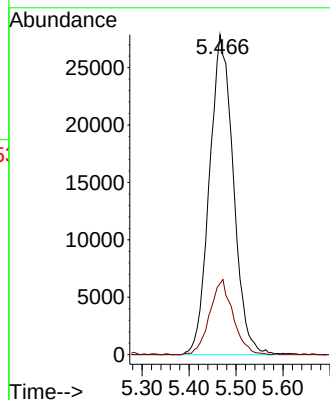
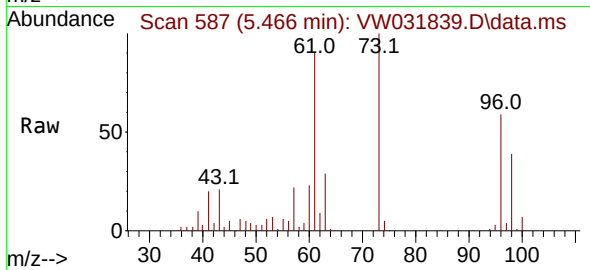




#19  
Methyl tert-butyl Ether  
Concen: 22.834 ug/l  
RT: 5.466 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

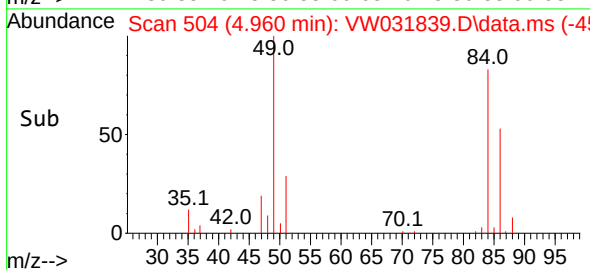
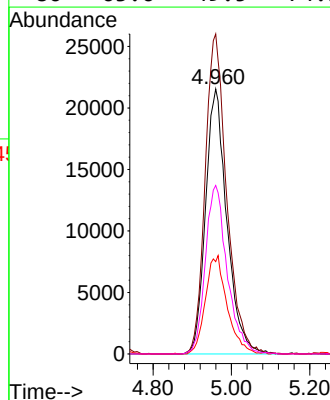
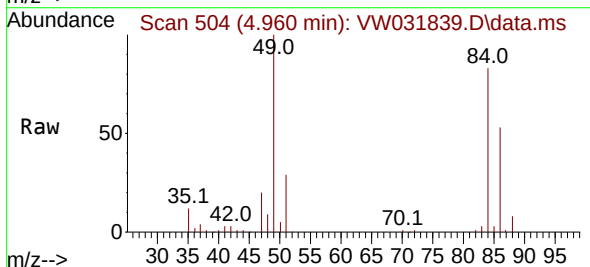
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

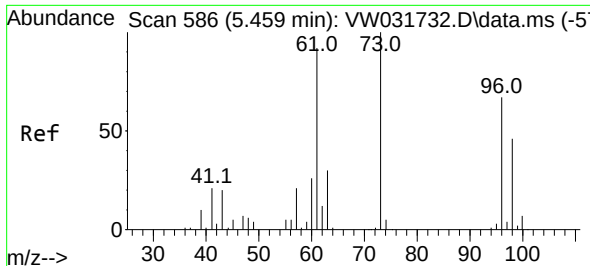
Tgt Ion: 73 Resp: 98454  
Ion Ratio Lower Upper  
73 100  
57 22.2 17.2 25.8



#20  
Methylene Chloride  
Concen: 24.463 ug/l  
RT: 4.960 min Scan# 504  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 84 Resp: 81509  
Ion Ratio Lower Upper  
84 100  
49 120.8 98.2 147.4  
51 34.9 29.8 44.8  
86 63.6 49.5 74.3

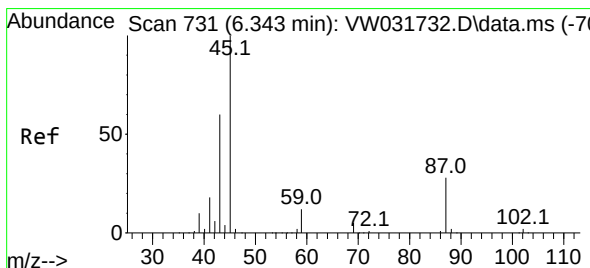
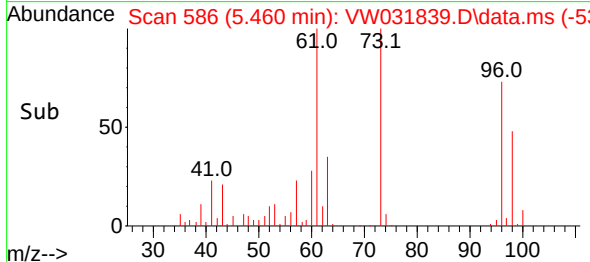
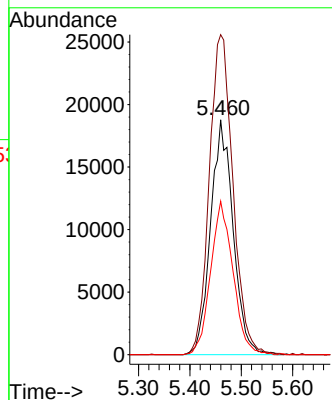
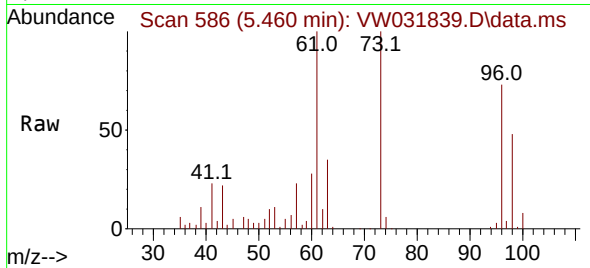




#21  
trans-1,2-Dichloroethene  
Concen: 21.146 ug/l  
RT: 5.460 min Scan# 586  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

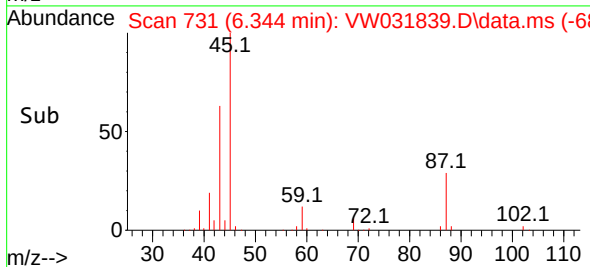
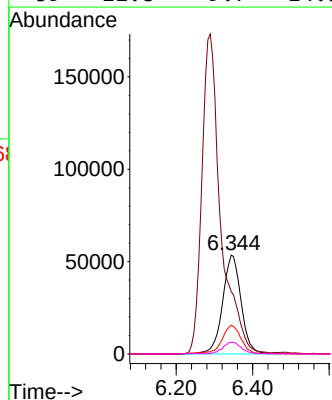
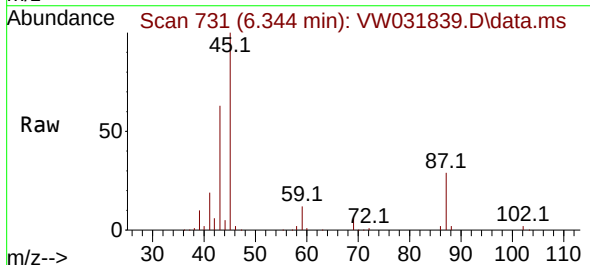
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

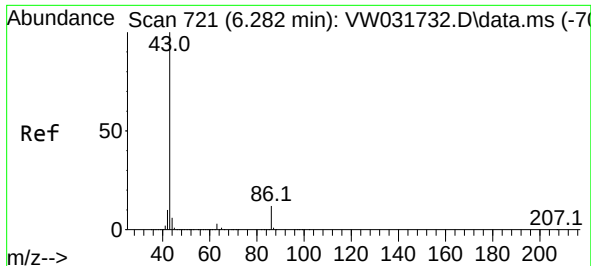
Tgt Ion: 96 Resp: 57078  
Ion Ratio Lower Upper  
96 100  
61 136.2 109.8 164.6  
98 65.3 54.9 82.3



#22  
Diisopropyl ether  
Concen: 23.580 ug/l  
RT: 6.344 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 45 Resp: 179249  
Ion Ratio Lower Upper  
45 100  
43 62.9 48.3 72.5  
87 29.0 22.6 34.0  
59 11.8 9.7 14.5

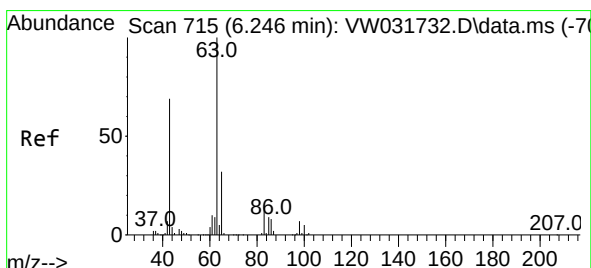
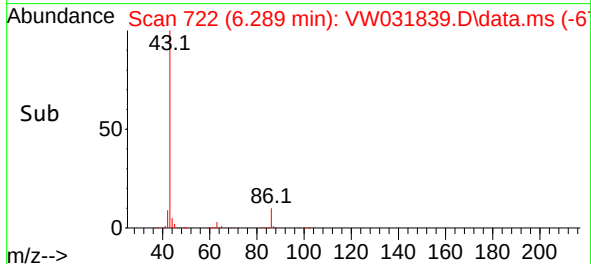
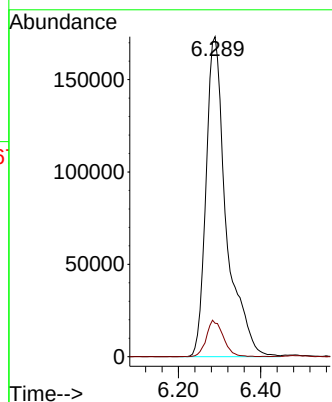
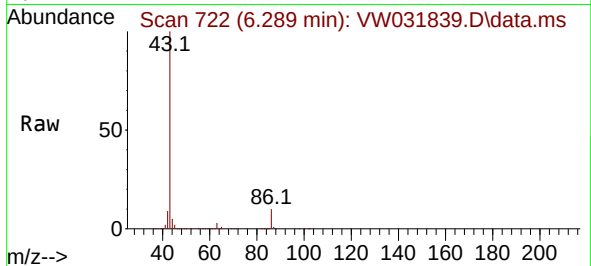




#23  
 Vinyl Acetate  
 Concen: 114.245 ug/l  
 RT: 6.289 min Scan# 716  
 Delta R.T. 0.006 min  
 Lab File: VW031839.D  
 Acq: 14 Jul 2025 10:36

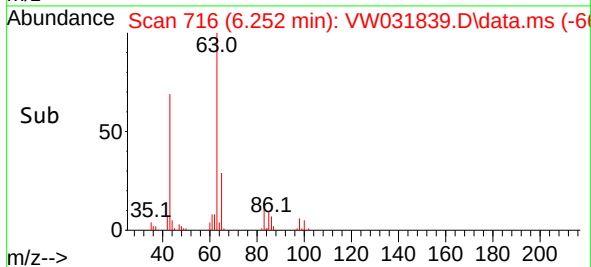
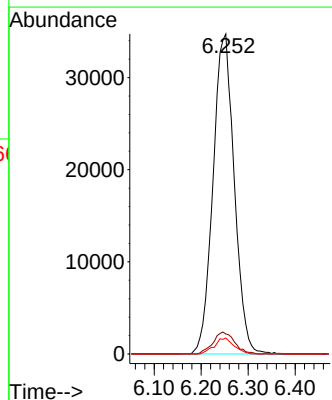
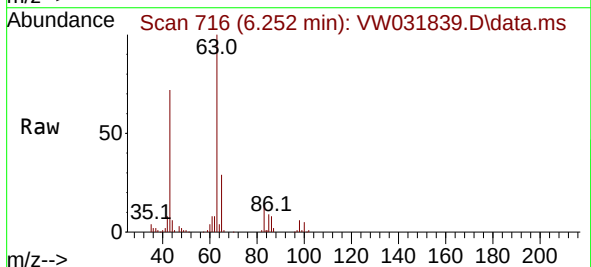
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0714SBSD01

Tgt Ion: 43 Resp: 593190  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 9.2 13.8

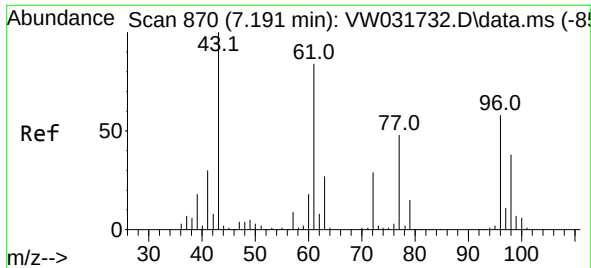


#24  
 1,1-Dichloroethane  
 Concen: 22.126 ug/l  
 RT: 6.252 min Scan# 716  
 Delta R.T. 0.006 min  
 Lab File: VW031839.D  
 Acq: 14 Jul 2025 10:36

Tgt Ion: 63 Resp: 109046  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.5 10.6  
 100 5.0 2.5 7.5



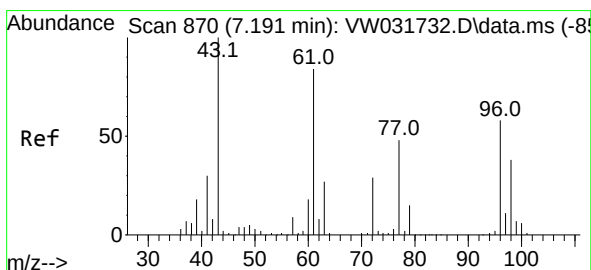
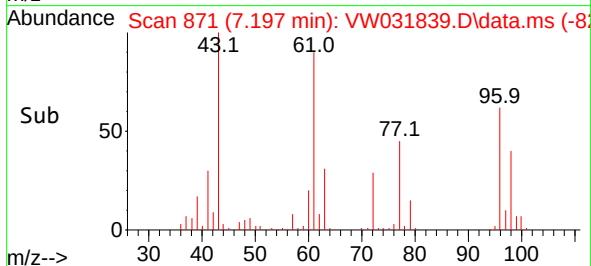
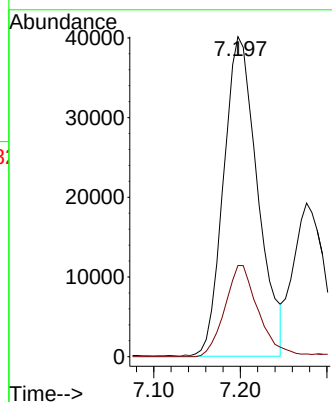
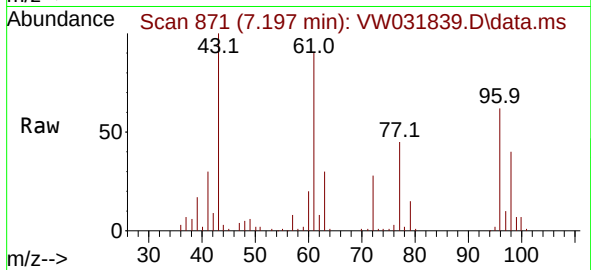




#25  
2-Butanone  
Concen: 111.299 ug/l  
RT: 7.197 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

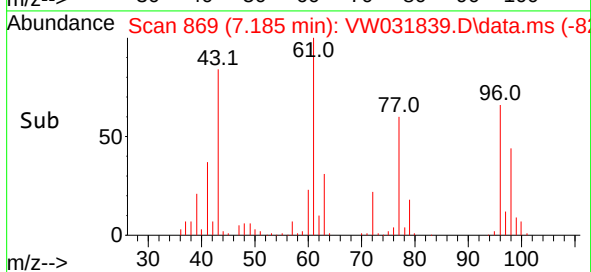
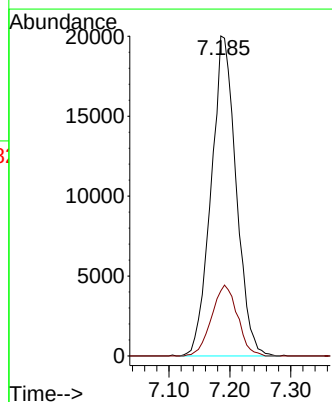
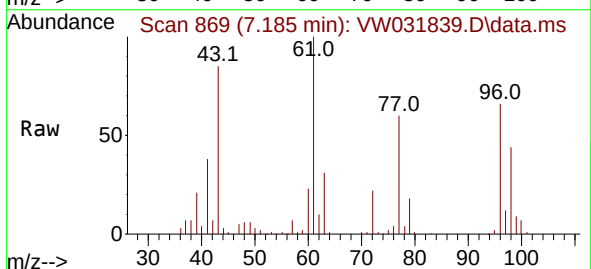
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

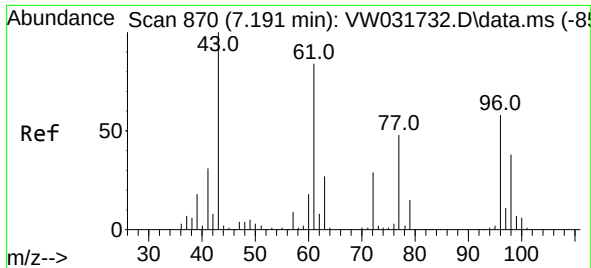
Tgt Ion: 43 Resp: 109501  
Ion Ratio Lower Upper  
43 100  
72 28.5 23.0 34.6



#26  
2,2-Dichloropropane  
Concen: 19.892 ug/l  
RT: 7.185 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 77 Resp: 57198  
Ion Ratio Lower Upper  
77 100  
97 22.9 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 22.396 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0714SBSD01

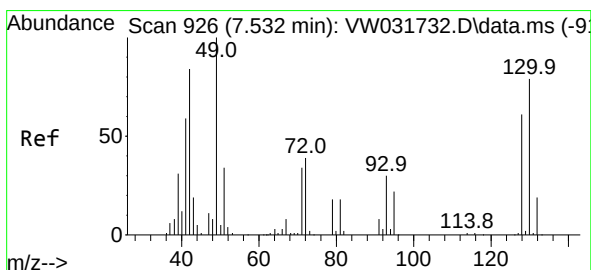
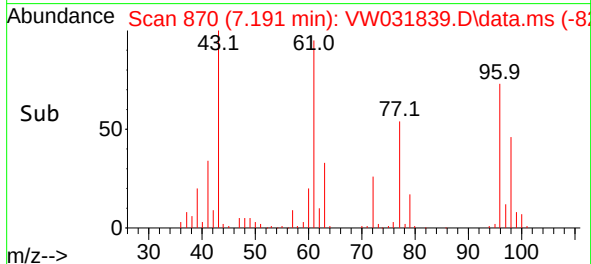
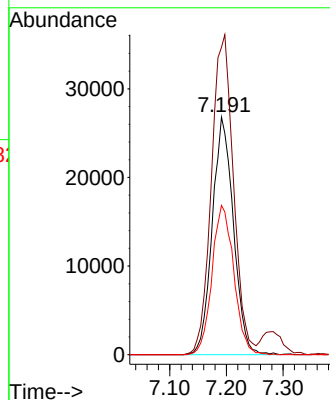
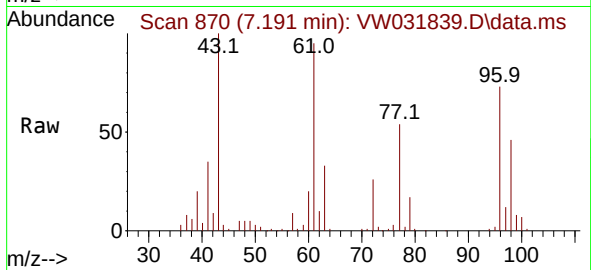
Tgt Ion: 96 Resp: 69492

Ion Ratio Lower Upper

96 100

61 140.5 0.0 286.8

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 22.885 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

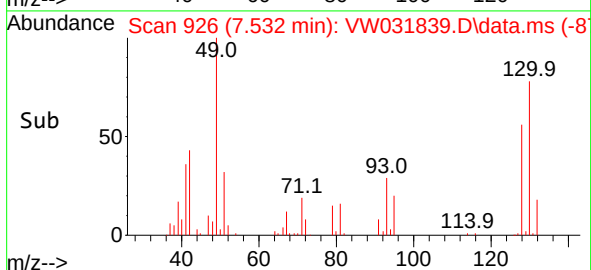
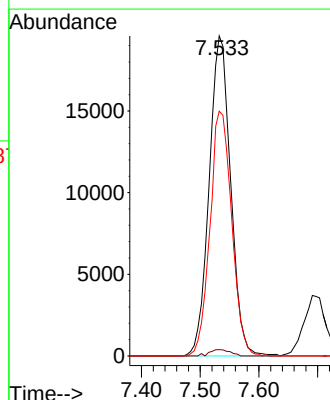
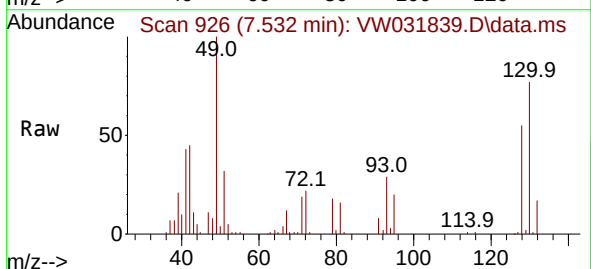
Tgt Ion: 49 Resp: 49771

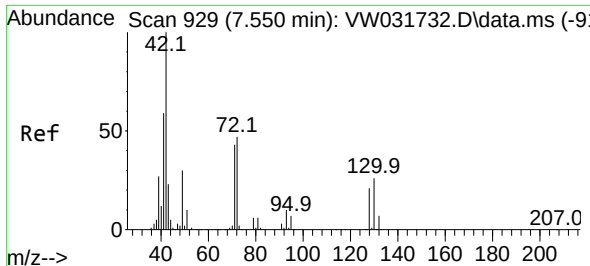
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.4

130 77.4 61.3 91.9

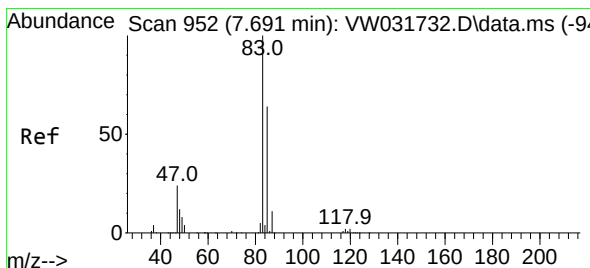
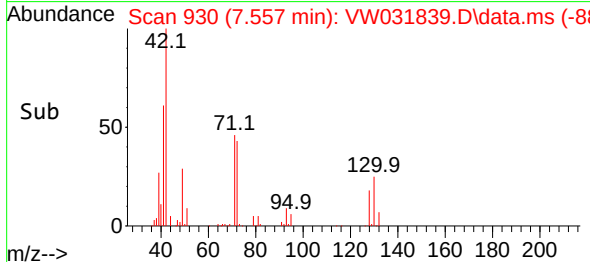
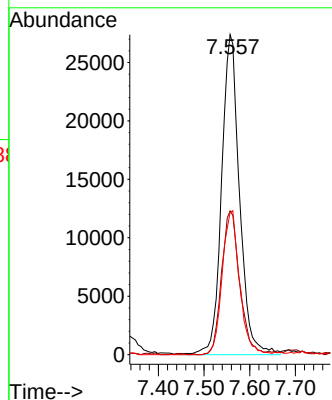
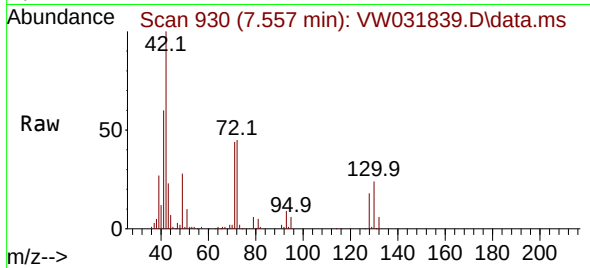




#29  
Tetrahydrofuran  
Concen: 110.918 ug/l  
RT: 7.557 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

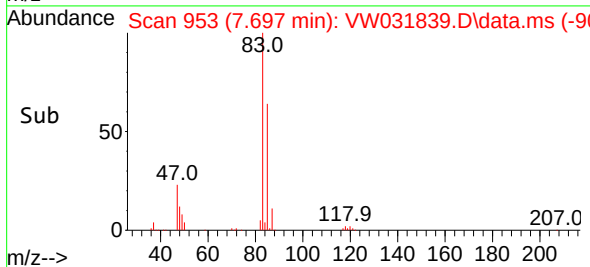
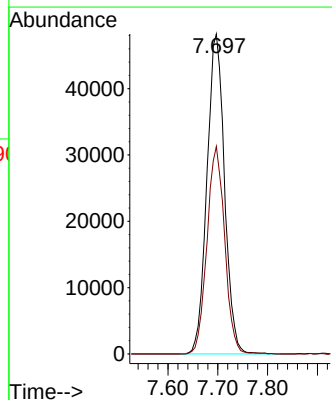
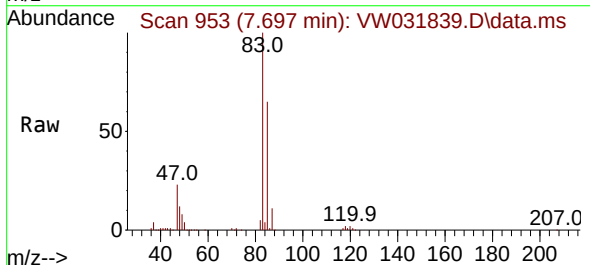
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

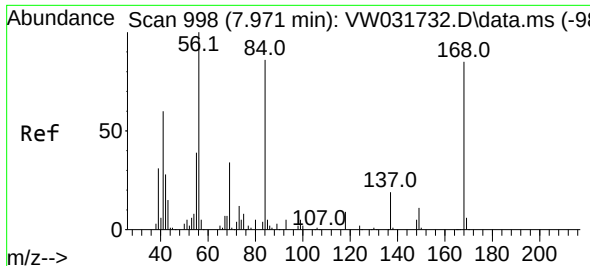
Tgt Ion: 42 Resp: 74733  
Ion Ratio Lower Upper  
42 100  
72 45.1 36.8 55.2  
71 43.5 34.6 52.0



#30  
Chloroform  
Concen: 22.522 ug/l  
RT: 7.697 min Scan# 953  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 83 Resp: 117943  
Ion Ratio Lower Upper  
83 100  
85 64.9 51.4 77.0

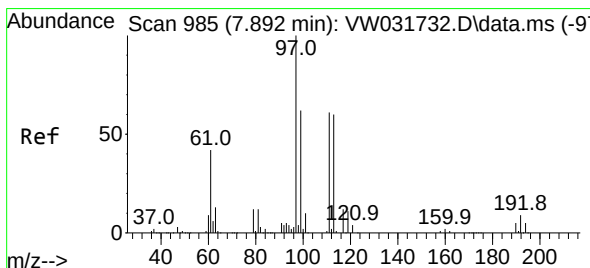
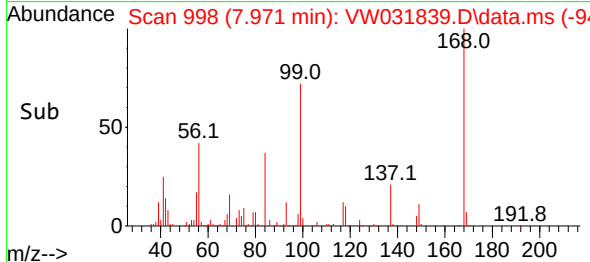
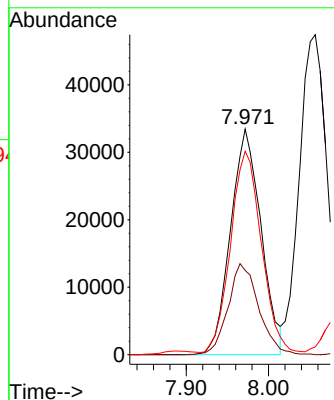
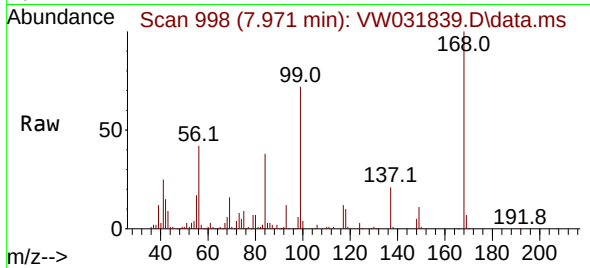




#31  
Cyclohexane  
Concen: 19.813 ug/l  
RT: 7.971 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

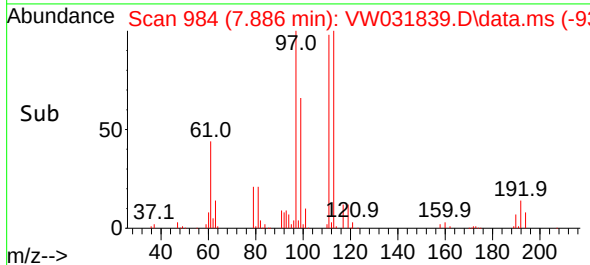
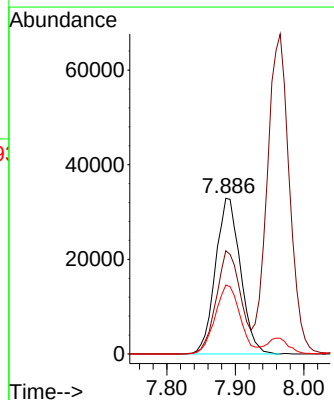
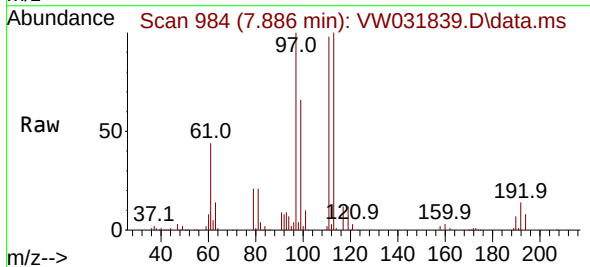
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

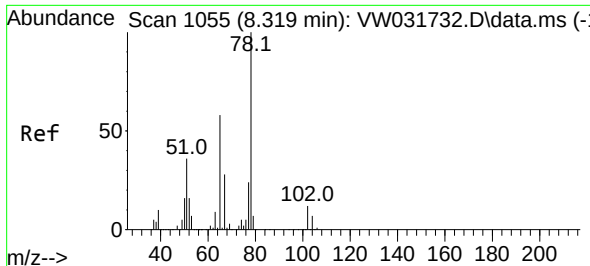
Tgt Ion: 56 Resp: 86315  
Ion Ratio Lower Upper  
56 100  
69 37.3 27.2 40.8  
84 88.6 68.5 102.7



#32  
1,1,1-Trichloroethane  
Concen: 20.601 ug/l  
RT: 7.886 min Scan# 984  
Delta R.T. -0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 97 Resp: 83140  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.0 76.6  
61 44.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 55.195 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA\_W

ClientSampleId :

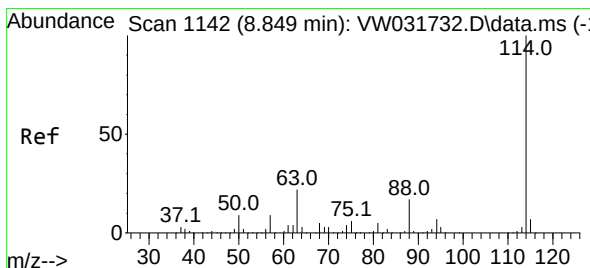
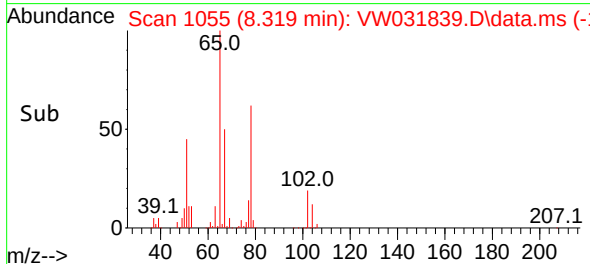
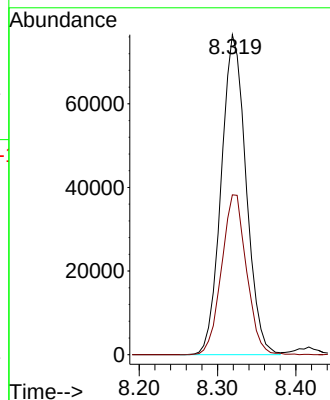
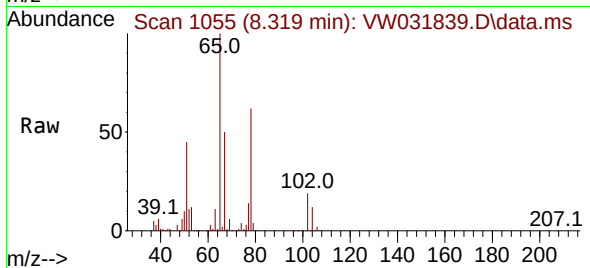
VW0714SBS01

Tgt Ion: 65 Resp: 168874

Ion Ratio Lower Upper

65 100

67 50.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

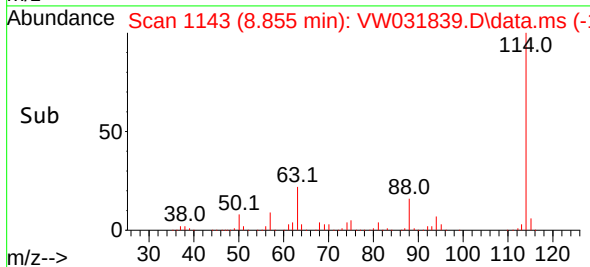
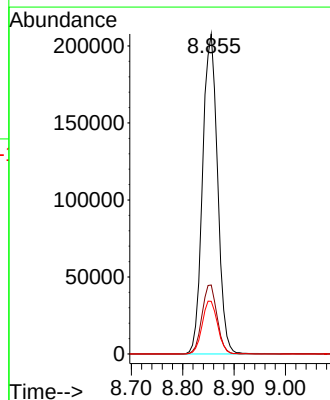
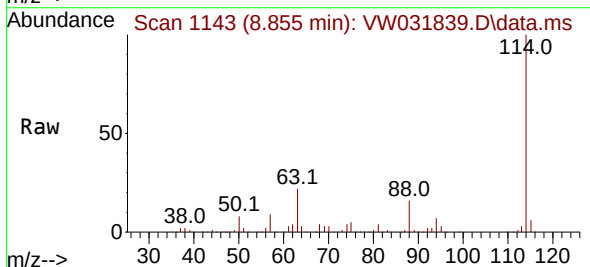
Tgt Ion: 114 Resp: 419599

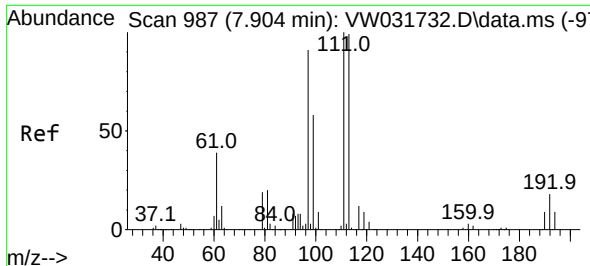
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.6

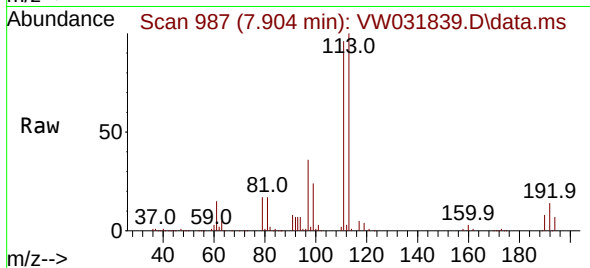
88 16.4 0.0 34.2



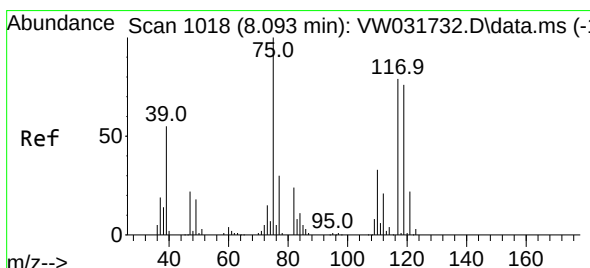
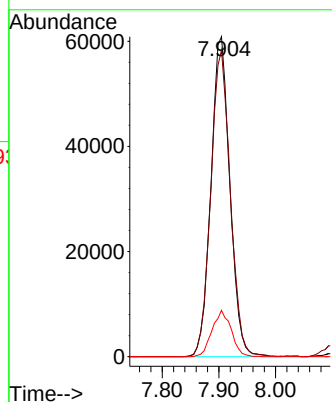
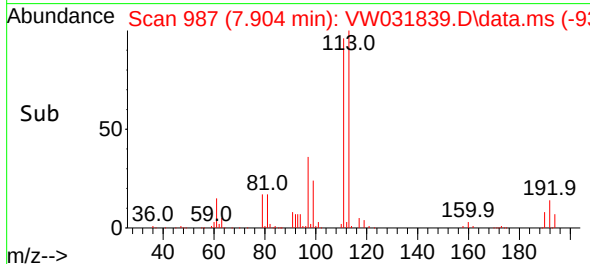


#35  
 Dibromofluoromethane  
 Concen: 51.674 ug/l  
 RT: 7.904 min Scan# 987  
 Delta R.T. 0.000 min  
 Lab File: VW031839.D  
 Acq: 14 Jul 2025 10:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0714SBSD01

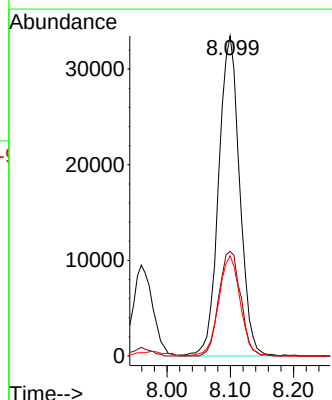
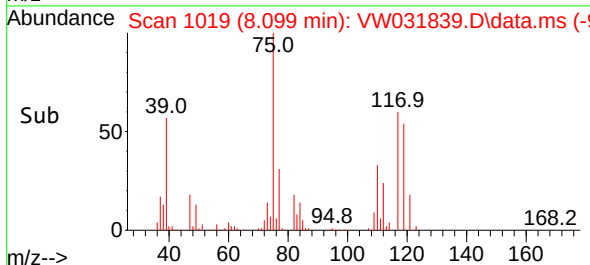
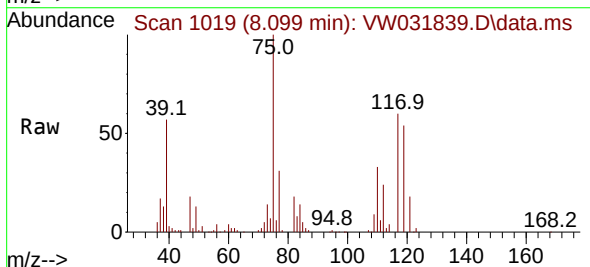


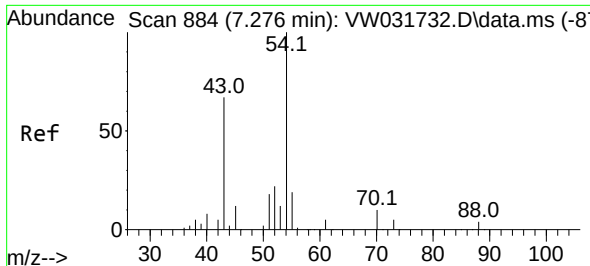
Tgt Ion:113 Resp: 141487  
 Ion Ratio Lower Upper  
 113 100  
 111 98.4 82.1 123.1  
 192 14.6 13.8 20.6



#36  
 1,1-Dichloropropene  
 Concen: 19.421 ug/l  
 RT: 8.099 min Scan# 1019  
 Delta R.T. 0.006 min  
 Lab File: VW031839.D  
 Acq: 14 Jul 2025 10:36

Tgt Ion: 75 Resp: 76947  
 Ion Ratio Lower Upper  
 75 100  
 110 33.9 16.8 50.4  
 77 32.0 25.0 37.6

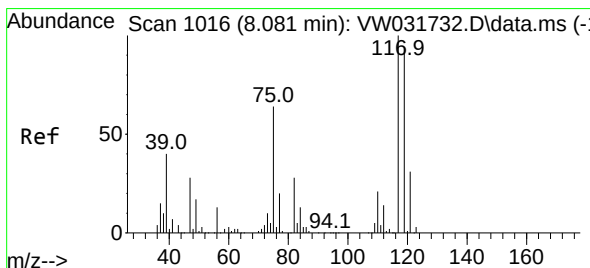
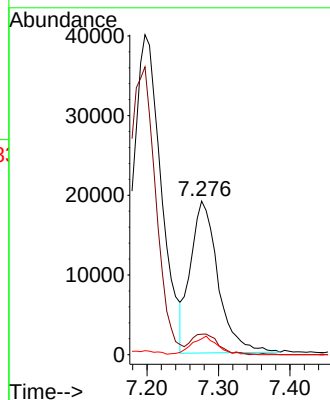
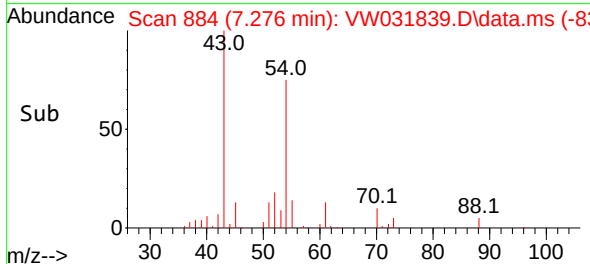
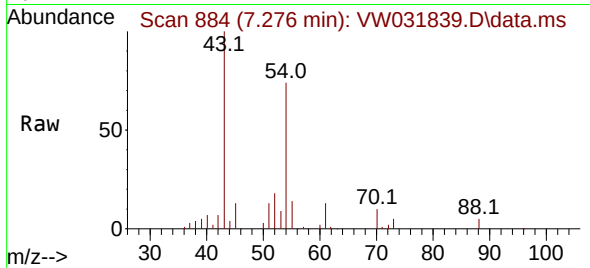




#37  
Ethyl Acetate  
Concen: 20.398 ug/l  
RT: 7.276 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

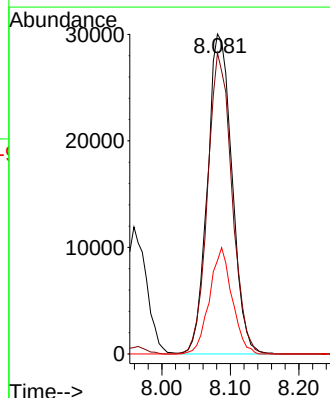
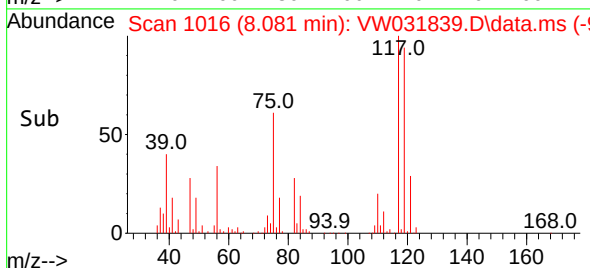
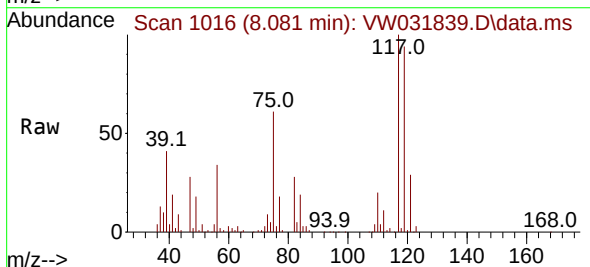
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

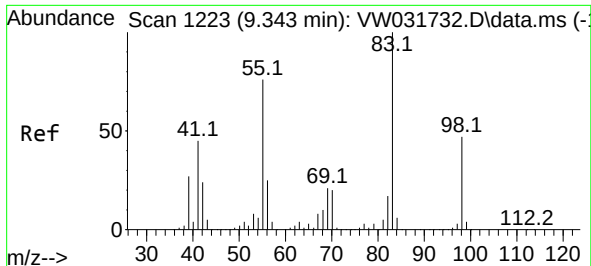
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 50983 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.4  | 10.9  | 16.3  |
| 70       | 11.4  | 9.2   | 13.8  |



#38  
Carbon Tetrachloride  
Concen: 18.549 ug/l  
RT: 8.081 min Scan# 1016  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 74893 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.0  | 75.0  | 112.6 |
| 121      | 29.2  | 24.6  | 37.0  |





#39

Methylcyclohexane

Concen: 18.133 ug/l

RT: 9.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0714SBSD01

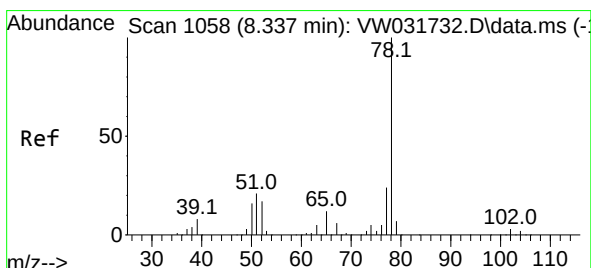
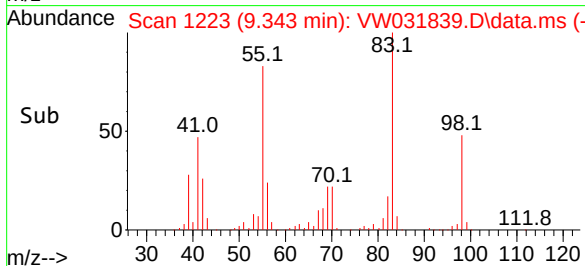
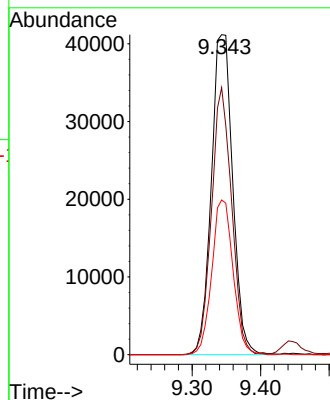
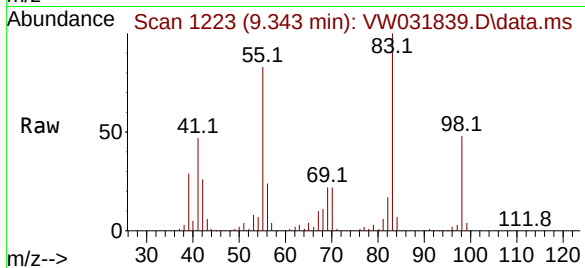
Tgt Ion: 83 Resp: 89385

Ion Ratio Lower Upper

83 100

55 83.5 61.0 91.4

98 48.4 37.9 56.9



#40

Benzene

Concen: 20.861 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031839.D

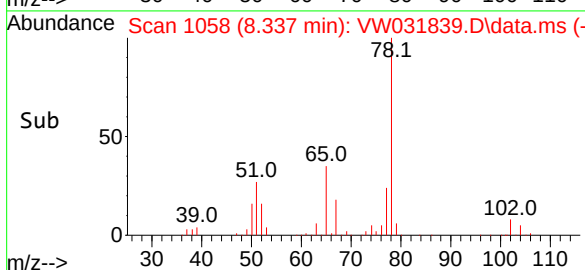
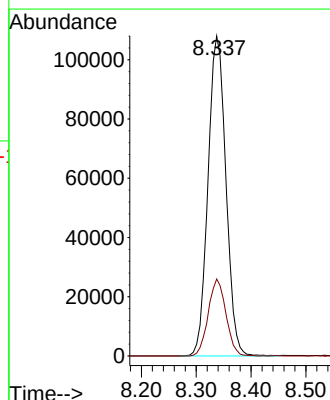
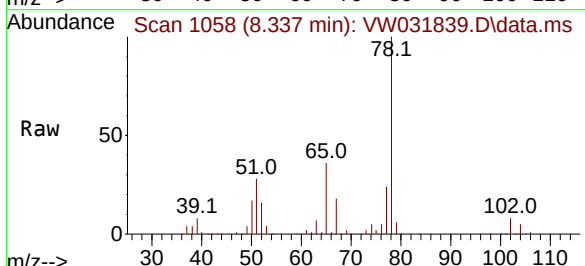
Acq: 14 Jul 2025 10:36

Tgt Ion: 78 Resp: 244539

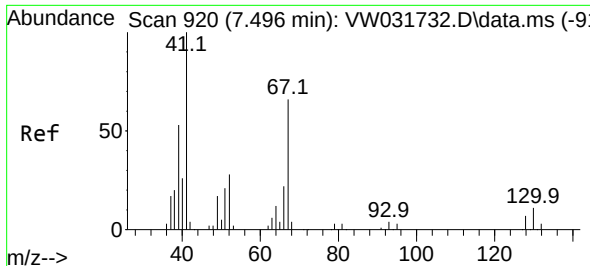
Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8



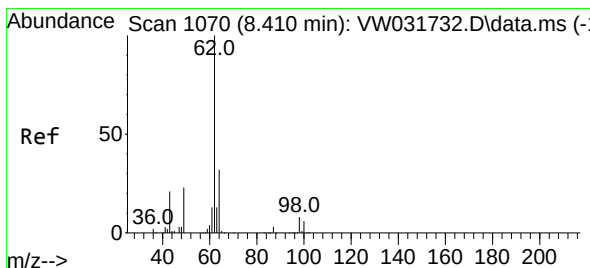
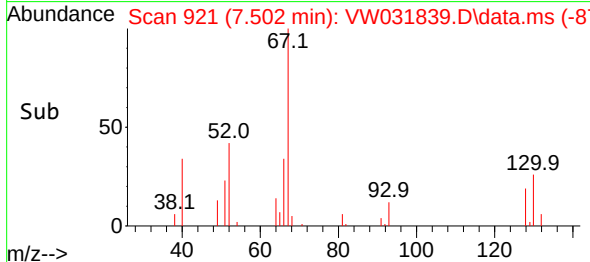
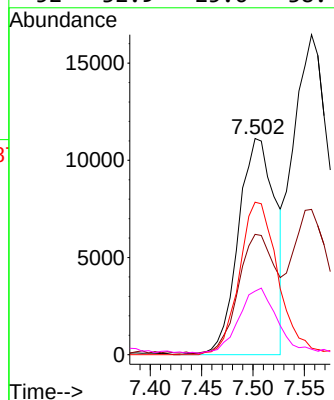
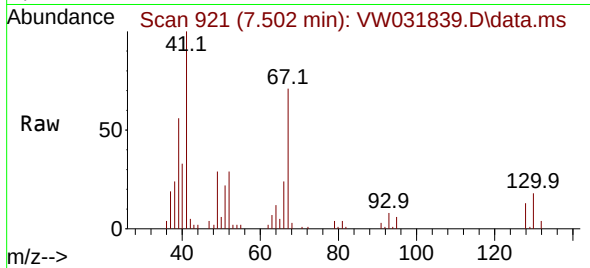




#41  
Methacrylonitrile  
Concen: 20.819 ug/l  
RT: 7.502 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

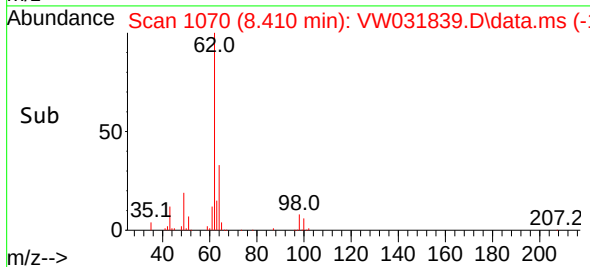
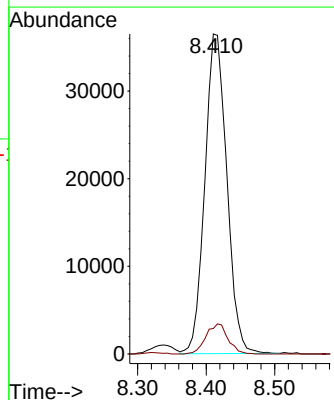
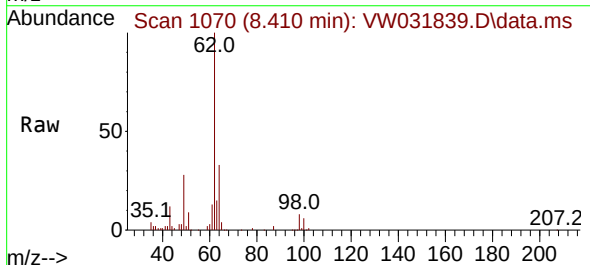
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

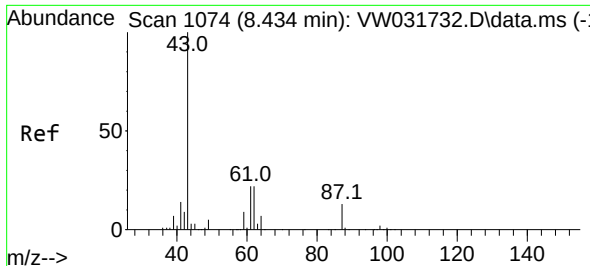
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 27875 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.1  | 43.2  | 64.8  |
| 67       | 74.8  | 58.1  | 87.1  |
| 52       | 32.9  | 25.6  | 38.4  |



#42  
1,2-Dichloroethane  
Concen: 20.565 ug/l  
RT: 8.410 min Scan# 1070  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 81454 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.4   | 0.0   | 17.2  |

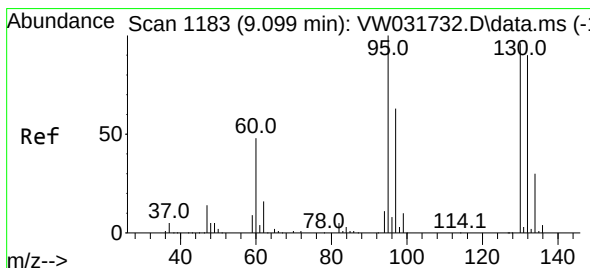
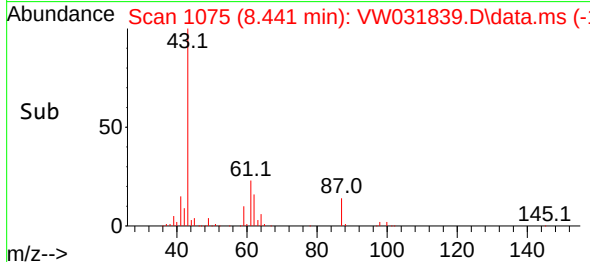
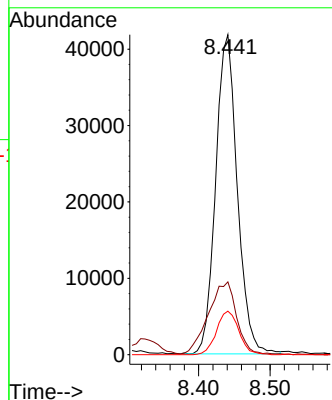
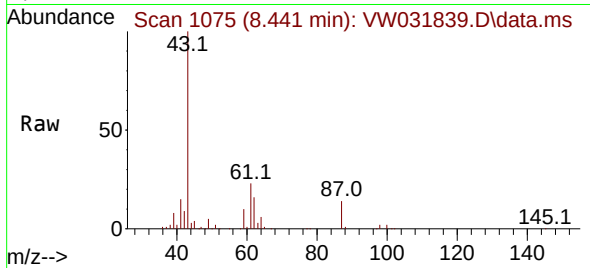




#43  
Isopropyl Acetate  
Concen: 20.374 ug/l  
RT: 8.441 min Scan# 1075  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

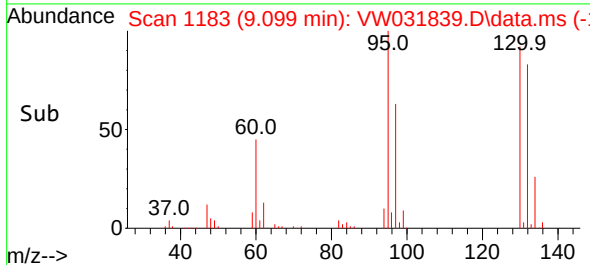
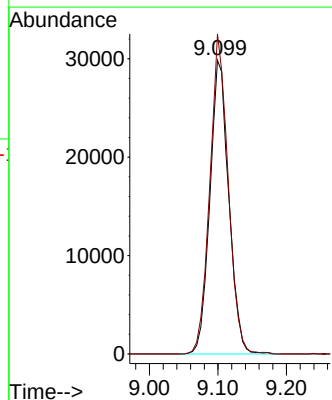
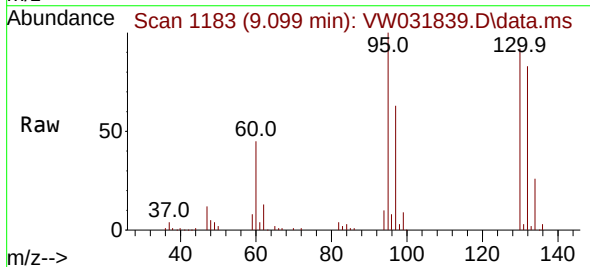
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

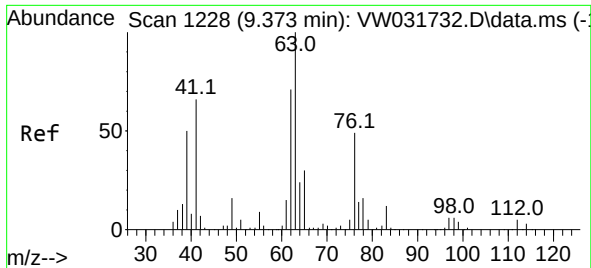
Tgt Ion: 43 Resp: 87779  
Ion Ratio Lower Upper  
43 100  
61 30.0 23.1 34.7  
87 14.1 10.8 16.2



#44  
Trichloroethene  
Concen: 19.486 ug/l  
RT: 9.099 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion:130 Resp: 57013  
Ion Ratio Lower Upper  
130 100  
95 109.0 0.0 208.6

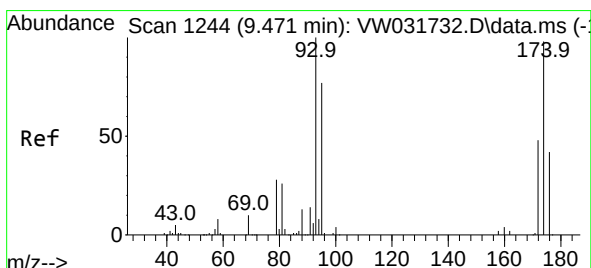
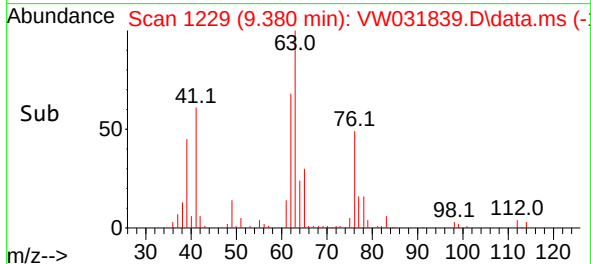
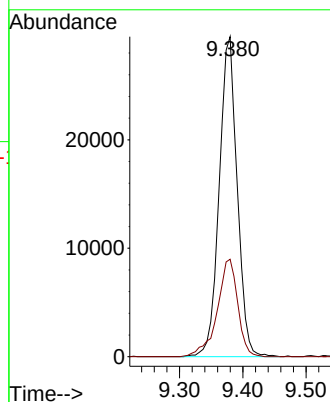
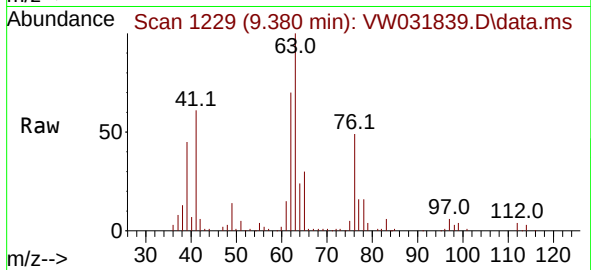




#45  
1,2-Dichloropropane  
Concen: 20.457 ug/l  
RT: 9.380 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

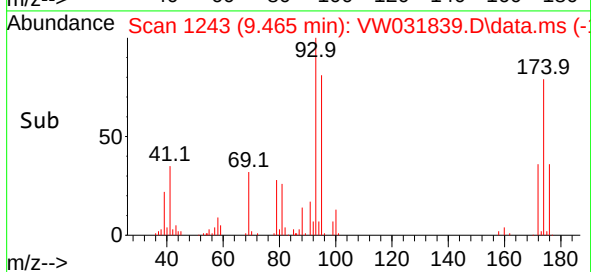
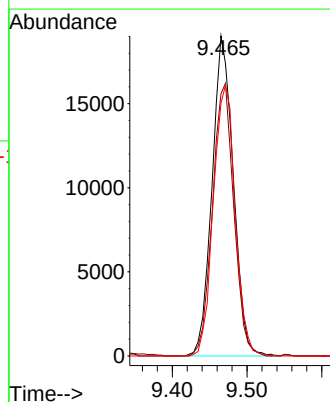
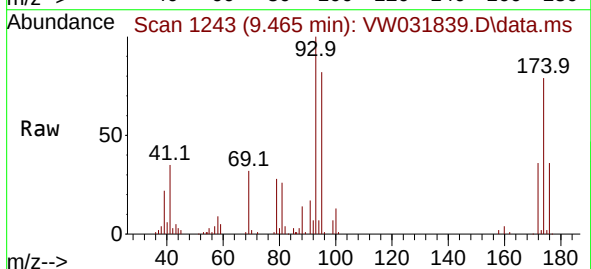
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

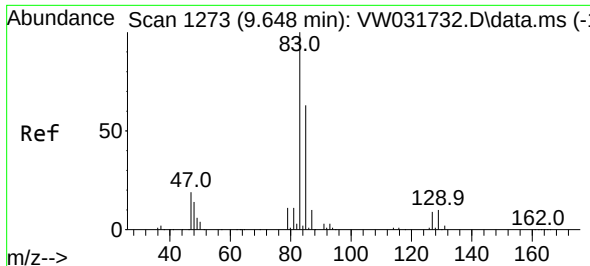
Tgt Ion: 63 Resp: 57958  
Ion Ratio Lower Upper  
63 100  
65 30.4 24.2 36.4



#46  
Dibromomethane  
Concen: 20.637 ug/l  
RT: 9.465 min Scan# 1243  
Delta R.T. -0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 93 Resp: 37747  
Ion Ratio Lower Upper  
93 100  
95 85.4 67.0 100.4  
174 86.4 71.7 107.5

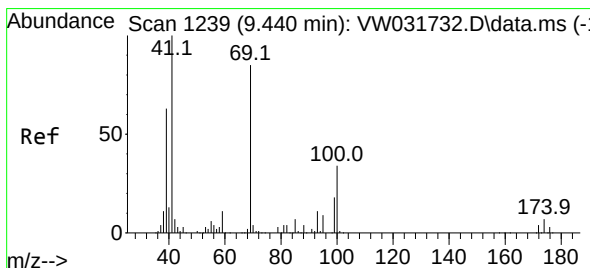
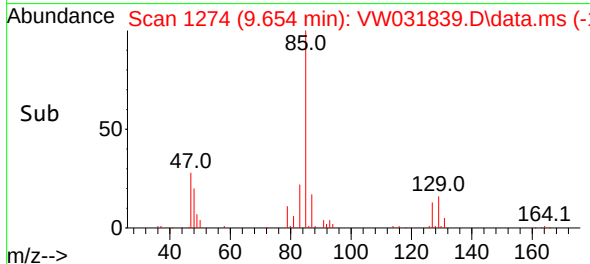
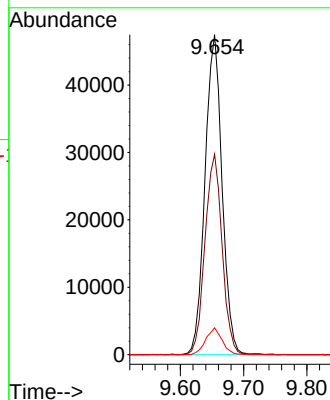
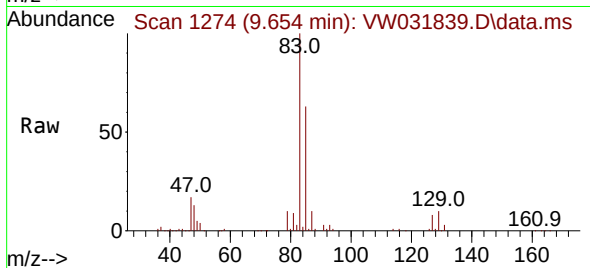




#47  
Bromodichloromethane  
Concen: 20.783 ug/l  
RT: 9.654 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

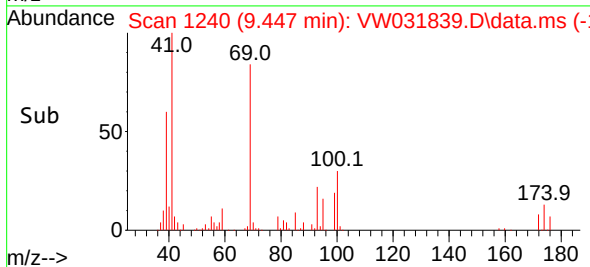
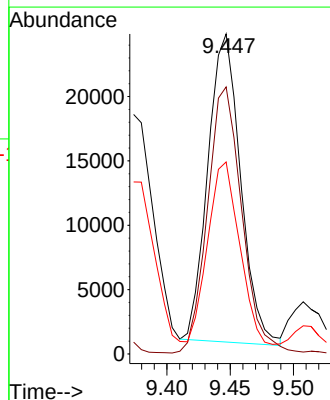
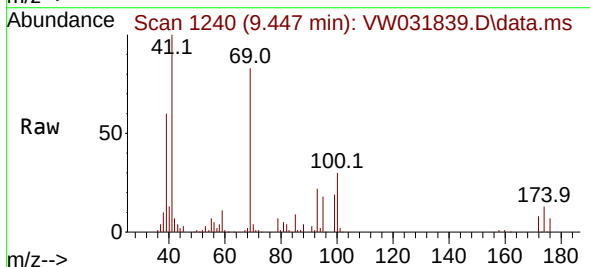
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

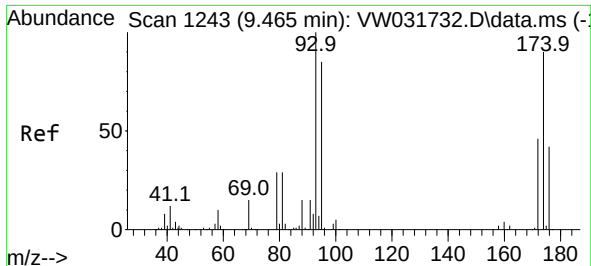
Tgt Ion: 83 Resp: 89141  
Ion Ratio Lower Upper  
83 100  
85 62.7 50.8 76.2  
127 8.4 6.8 10.2



#48  
Methyl methacrylate  
Concen: 20.309 ug/l  
RT: 9.447 min Scan# 1240  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 41 Resp: 43023  
Ion Ratio Lower Upper  
41 100  
69 91.0 71.6 107.4  
39 57.8 49.5 74.3

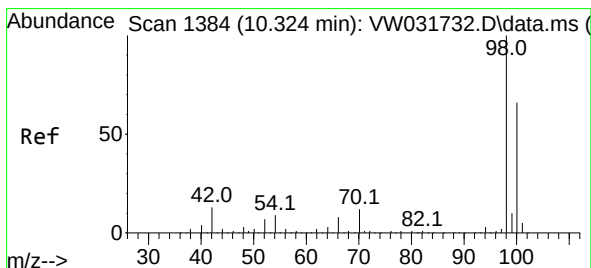
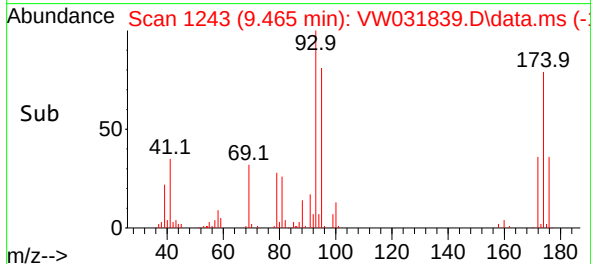
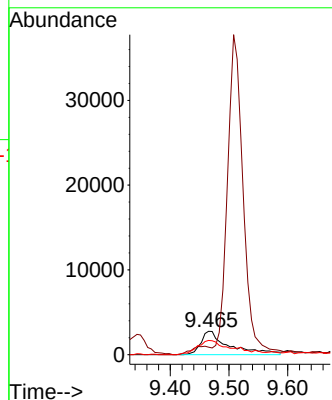
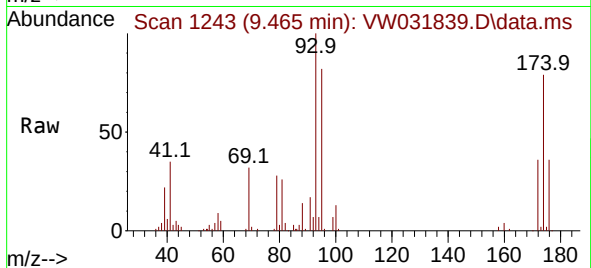




#49  
1,4-Dioxane  
Concen: 431.465 ug/l  
RT: 9.465 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

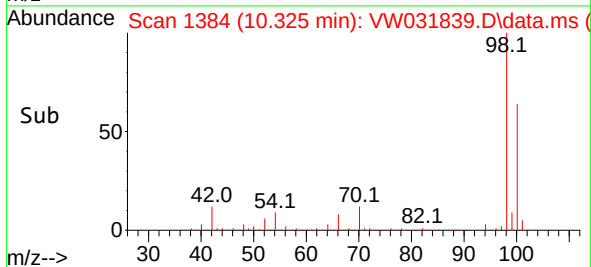
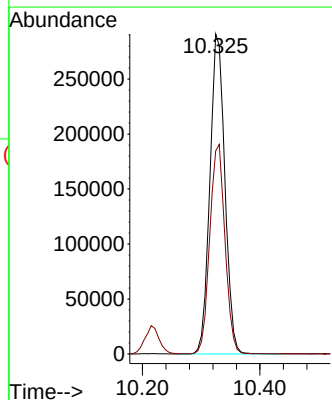
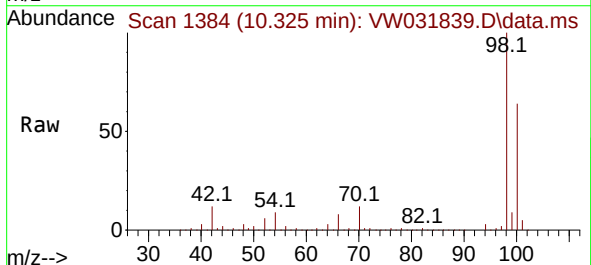
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

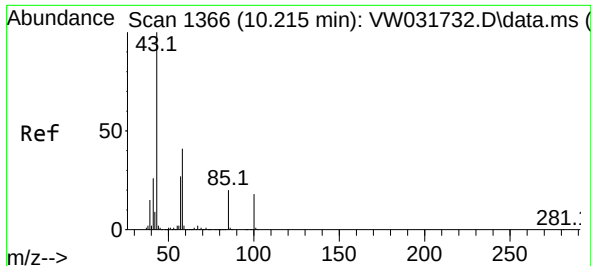
Tgt Ion: 88 Resp: 9243  
Ion Ratio Lower Upper  
88 100  
43 25.7 0.0 0.0#  
58 69.2 58.3 87.5



#50  
Toluene-d8  
Concen: 50.505 ug/l  
RT: 10.325 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 98 Resp: 514621  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.0 79.4

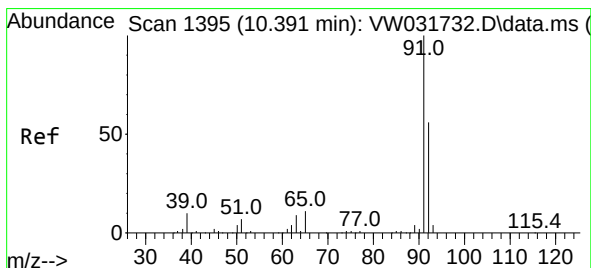
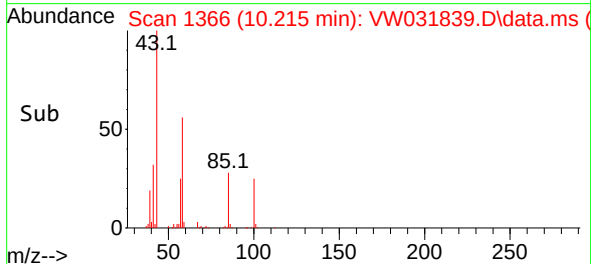
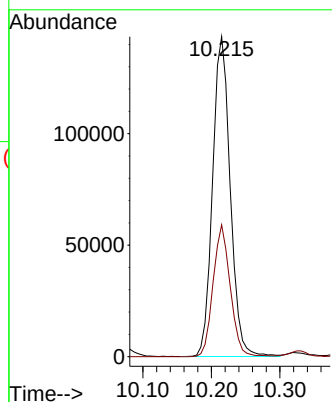
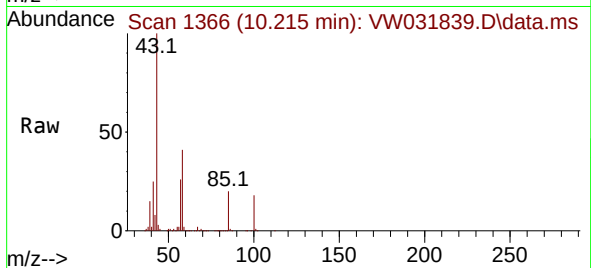




#51  
4-Methyl-2-Pentanone  
Concen: 103.684 ug/l  
RT: 10.215 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

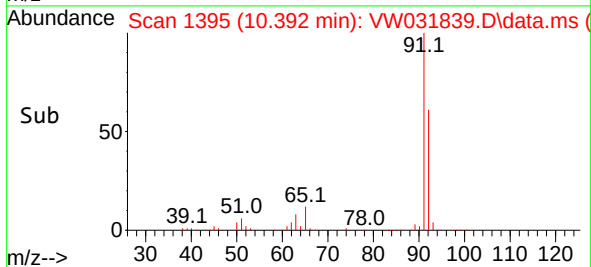
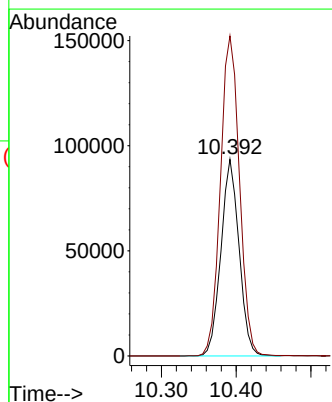
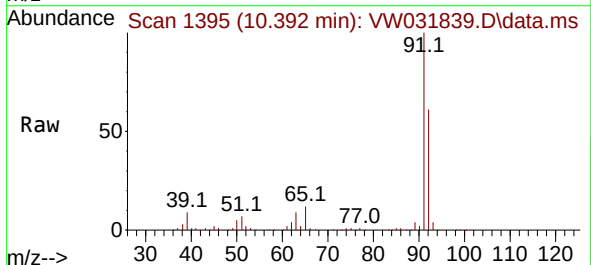
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

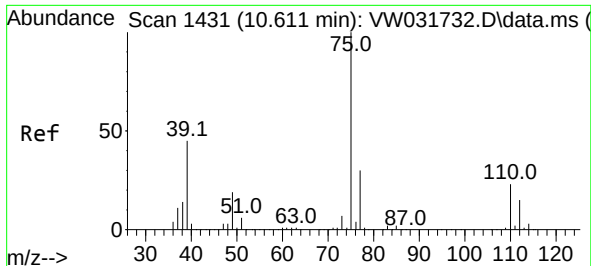
Tgt Ion: 43 Resp: 256818  
Ion Ratio Lower Upper  
43 100  
58 40.1 32.2 48.2



#52  
Toluene  
Concen: 21.053 ug/l  
RT: 10.392 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 92 Resp: 158007  
Ion Ratio Lower Upper  
92 100  
91 171.1 139.5 209.3

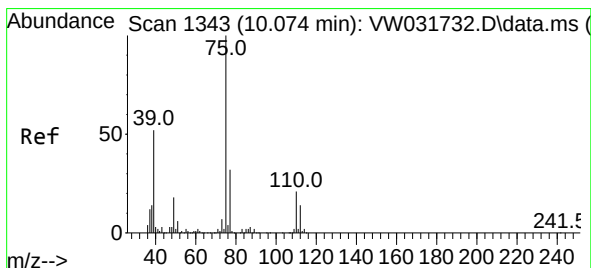
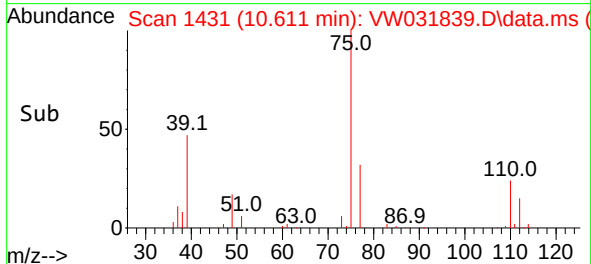
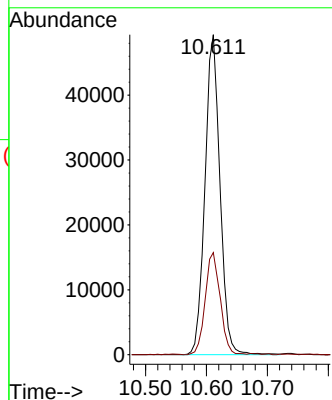
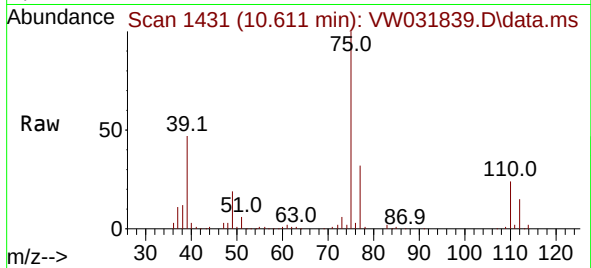




#53  
t-1,3-Dichloropropene  
Concen: 21.011 ug/l  
RT: 10.611 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

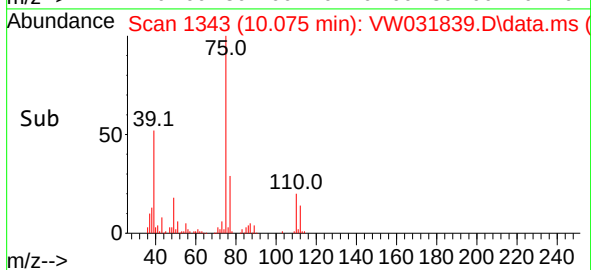
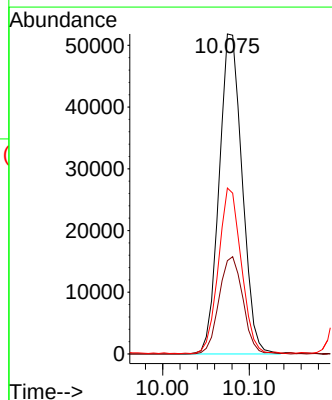
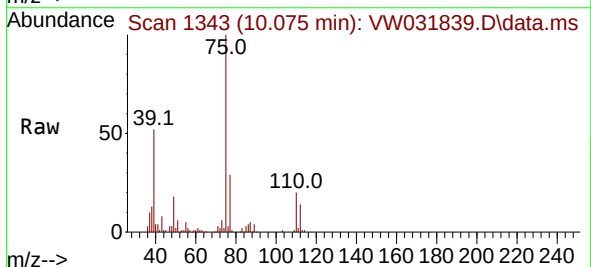
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

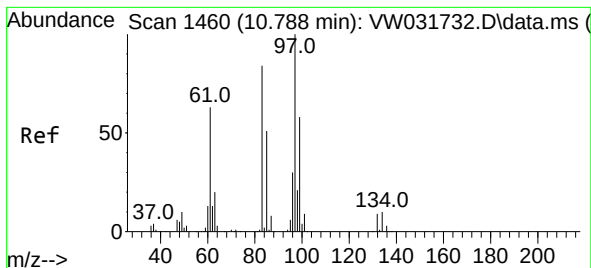
Tgt Ion: 75 Resp: 84553  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.3 36.5



#54  
cis-1,3-Dichloropropene  
Concen: 20.992 ug/l  
RT: 10.075 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 75 Resp: 95766  
Ion Ratio Lower Upper  
75 100  
77 29.2 25.4 38.2  
39 51.7 41.8 62.6

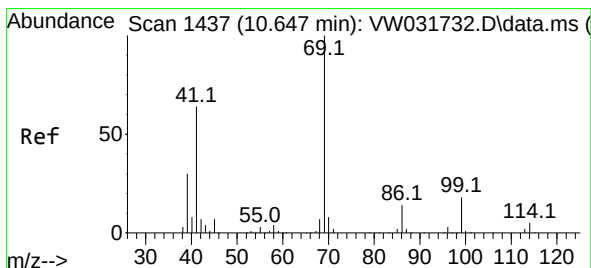
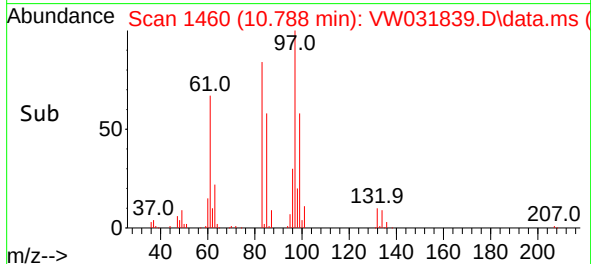
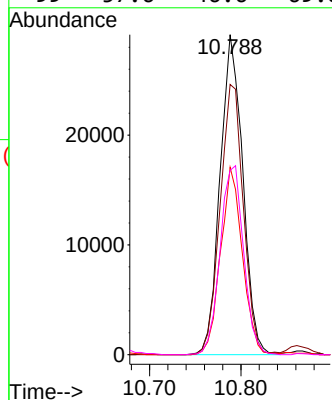
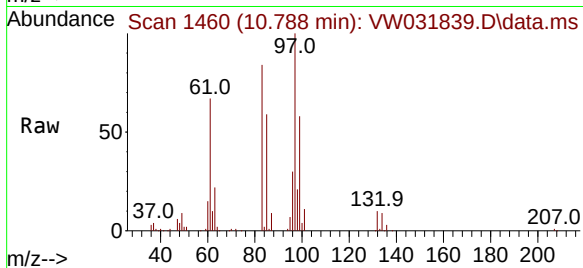




#55  
1,1,2-Trichloroethane  
Concen: 20.983 ug/l  
RT: 10.788 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

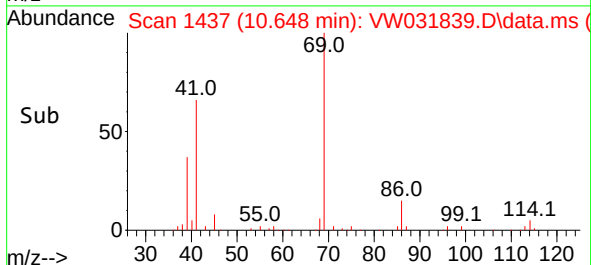
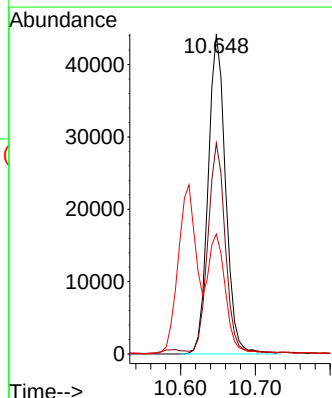
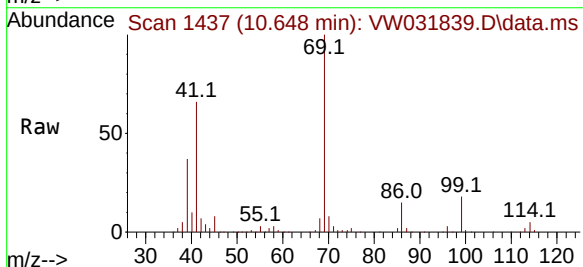
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 50275 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.4  | 66.9  | 100.3 |
| 85       | 58.5  | 41.1  | 61.7  |
| 99       | 57.6  | 46.6  | 69.8  |

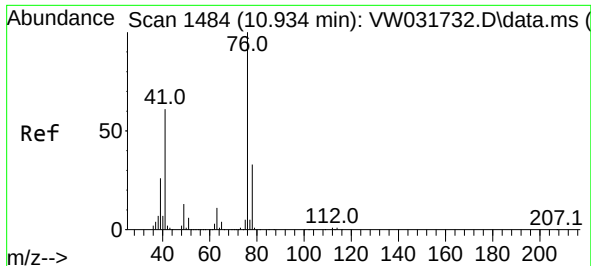


#56  
Ethyl methacrylate  
Concen: 22.056 ug/l  
RT: 10.648 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 71692 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.5  | 53.3  | 79.9  |
| 39       | 35.7  | 30.2  | 45.2  |







#57

1,3-Dichloropropane

Concen: 21.398 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA\_W

ClientSampleId :

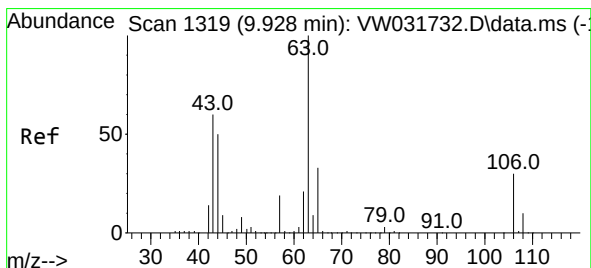
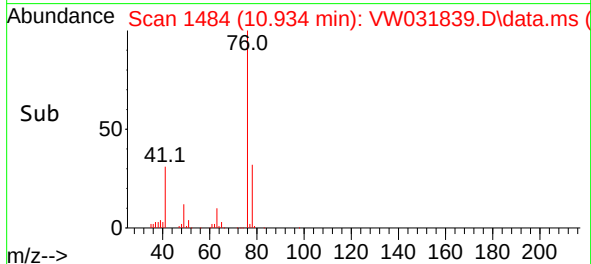
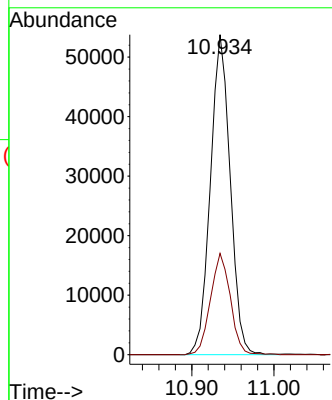
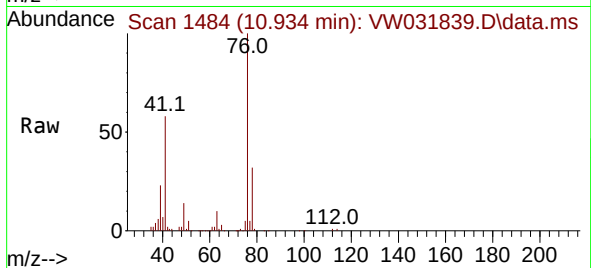
VW0714SBSD01

Tgt Ion: 76 Resp: 90014

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 108.059 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031839.D

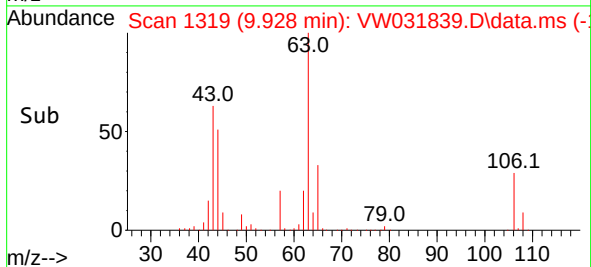
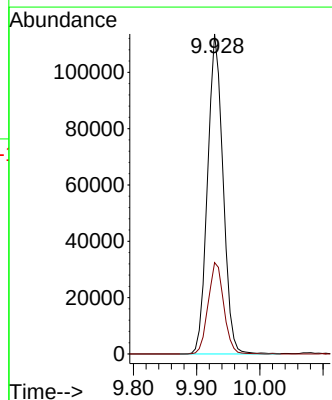
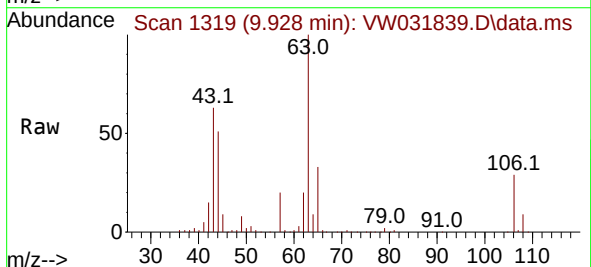
Acq: 14 Jul 2025 10:36

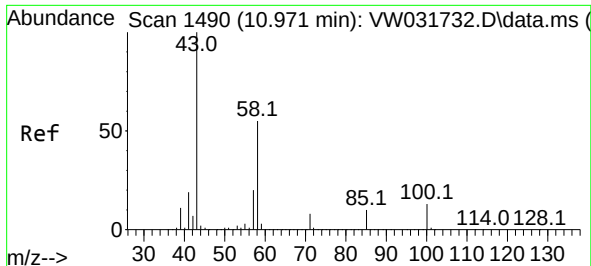
Tgt Ion: 63 Resp: 193414

Ion Ratio Lower Upper

63 100

106 28.8 24.1 36.1

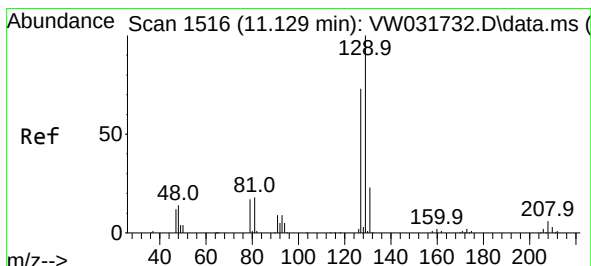
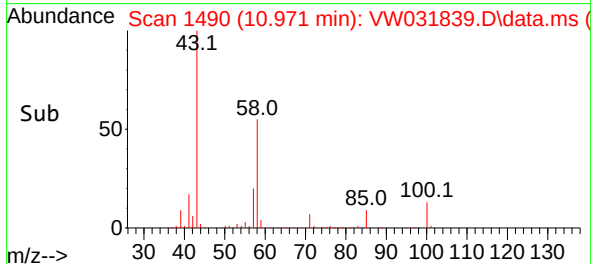
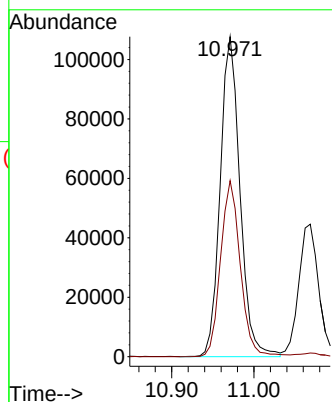
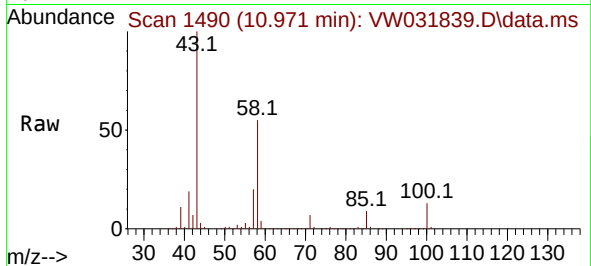




#59  
2-Hexanone  
Concen: 107.289 ug/l  
RT: 10.971 min Scan# 1490  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

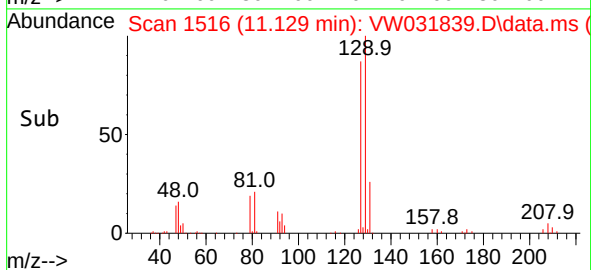
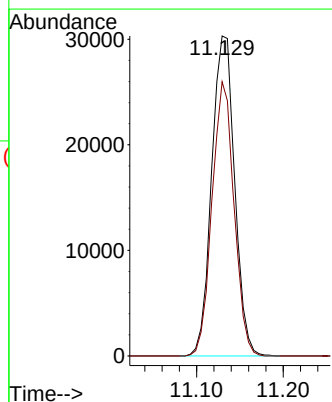
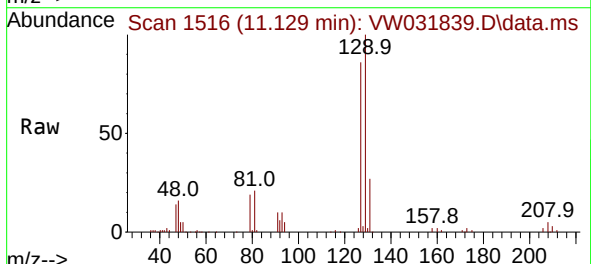
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

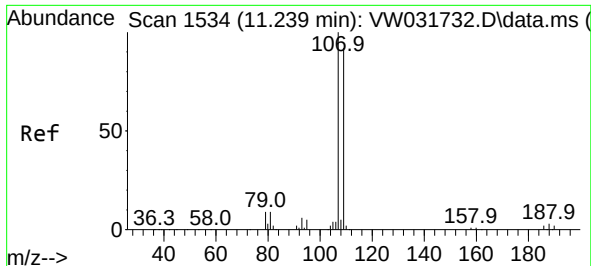
Tgt Ion: 43 Resp: 180082  
Ion Ratio Lower Upper  
43 100  
58 55.0 27.9 83.6



#60  
Dibromochloromethane  
Concen: 19.523 ug/l  
RT: 11.129 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion:129 Resp: 55936  
Ion Ratio Lower Upper  
129 100  
127 82.0 38.0 114.1

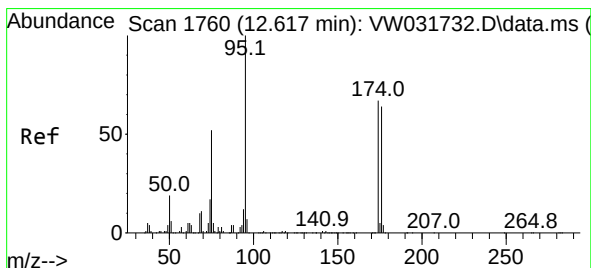
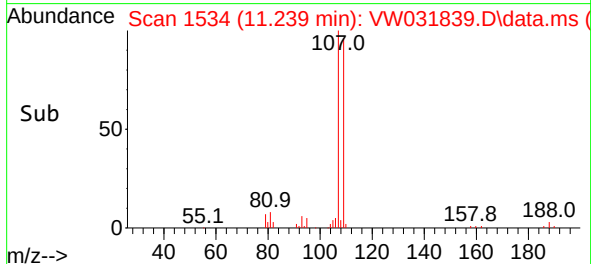
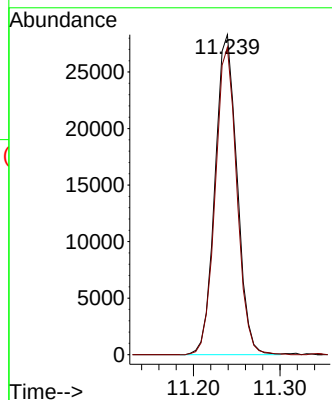
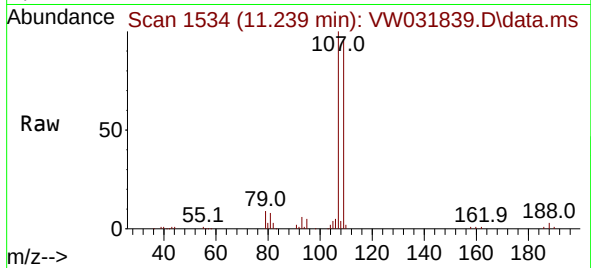




#61  
1,2-Dibromoethane  
Concen: 20.843 ug/l  
RT: 11.239 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

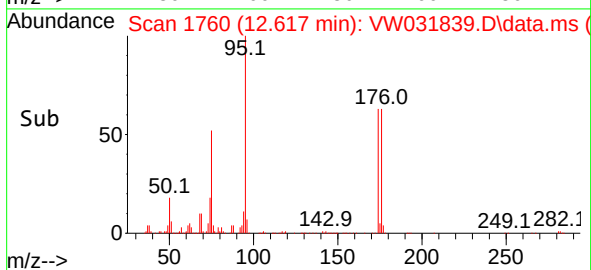
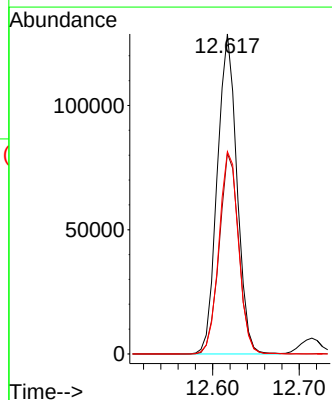
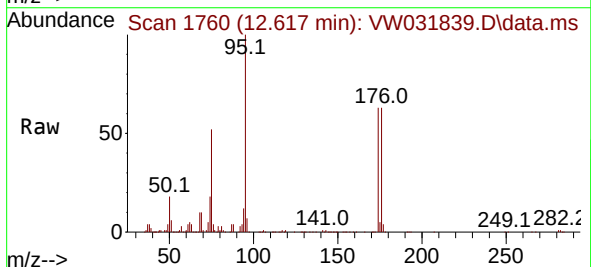
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

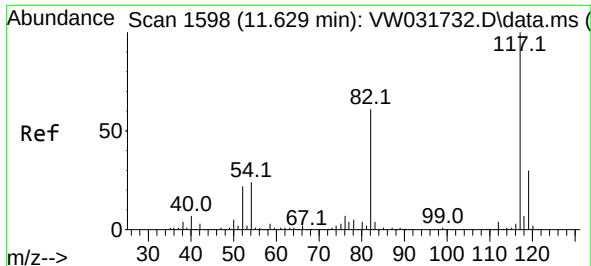
Tgt Ion:107 Resp: 49994  
Ion Ratio Lower Upper  
107 100  
109 94.1 73.9 110.9



#62  
4-Bromofluorobenzene  
Concen: 54.118 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 95 Resp: 202927  
Ion Ratio Lower Upper  
95 100  
174 62.3 0.0 133.8  
176 63.1 0.0 126.0

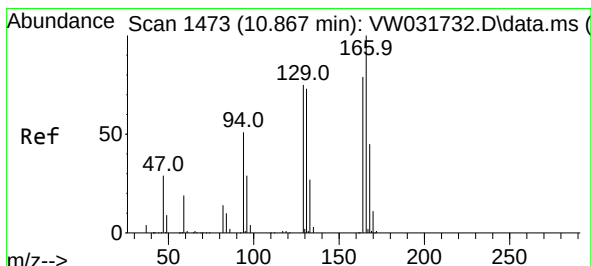
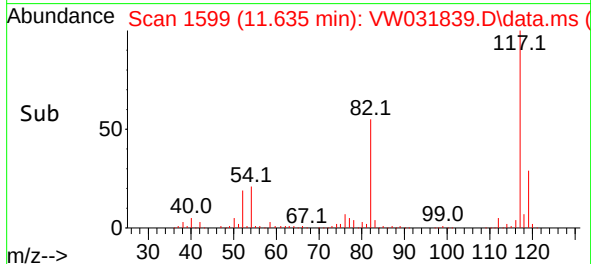
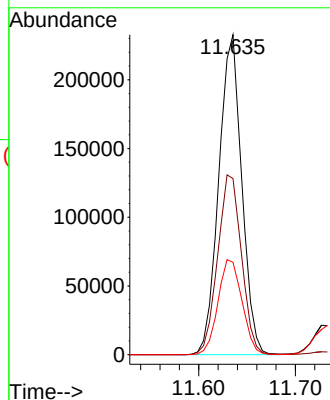
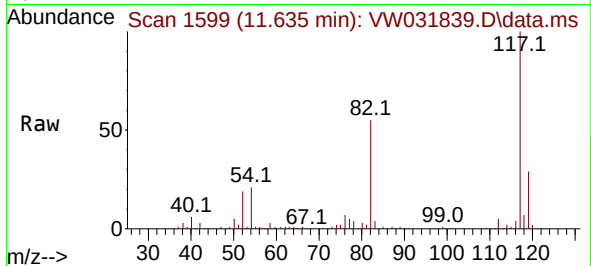




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.635 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

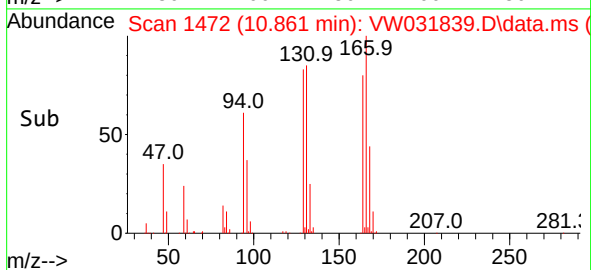
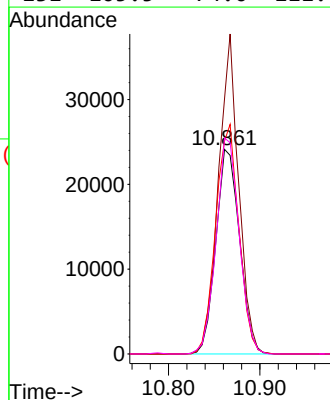
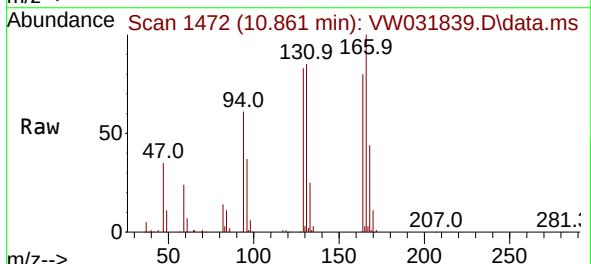
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

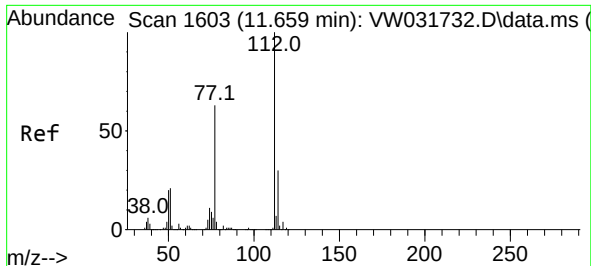
Tgt Ion:117 Resp: 383633  
Ion Ratio Lower Upper  
117 100  
82 55.0 48.6 72.8  
119 28.8 23.9 35.9



#64  
Tetrachloroethene  
Concen: 17.320 ug/l  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion:164 Resp: 43464  
Ion Ratio Lower Upper  
164 100  
166 124.7 100.7 151.1  
129 104.0 75.4 113.0  
131 105.5 74.0 111.0

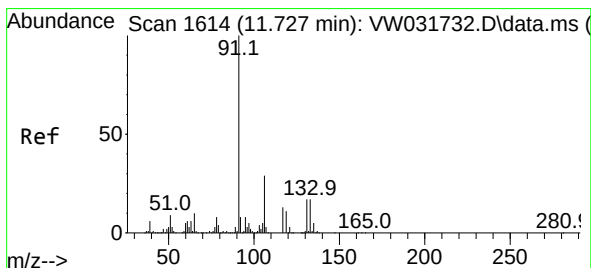
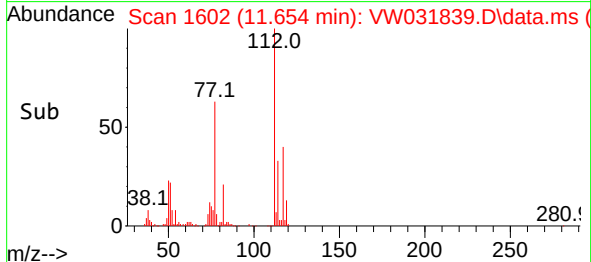
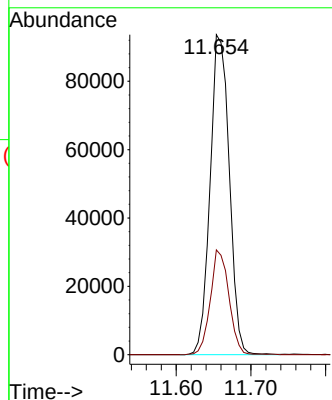
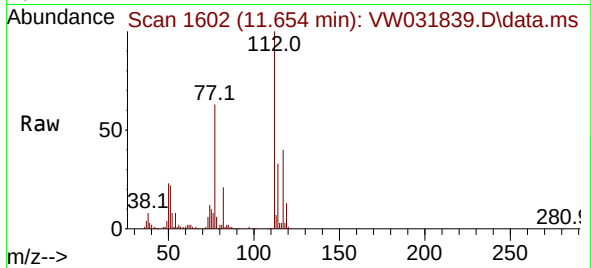




#65  
Chlorobenzene  
Concen: 19.724 ug/l  
RT: 11.654 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

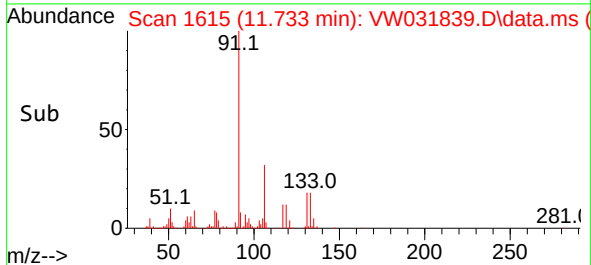
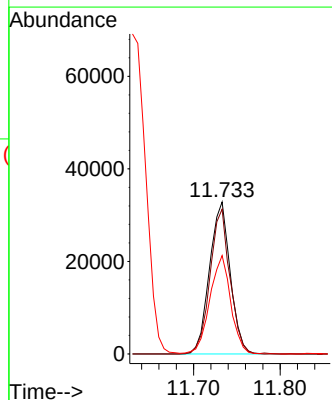
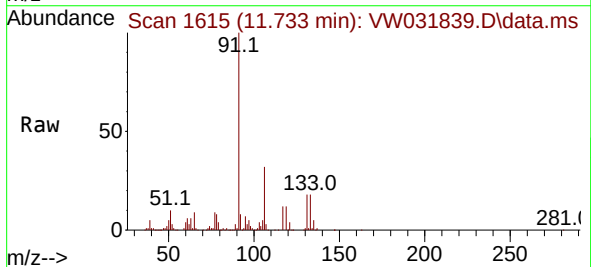
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

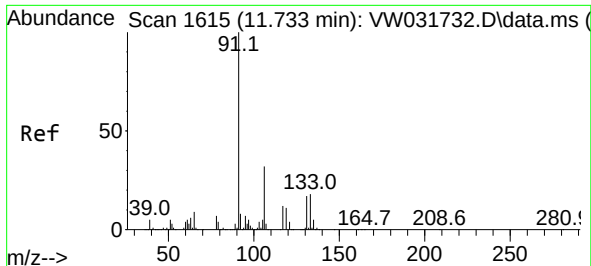
Tgt Ion:112 Resp: 166946  
Ion Ratio Lower Upper  
112 100  
114 32.8 23.8 35.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.133 ug/l  
RT: 11.733 min Scan# 1615  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion:131 Resp: 54305  
Ion Ratio Lower Upper  
131 100  
133 92.2 48.5 145.6  
119 65.5 32.5 97.5





#67

Ethyl Benzene

Concen: 20.443 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA\_W

ClientSampleId :

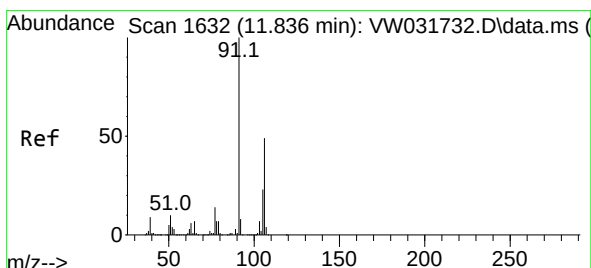
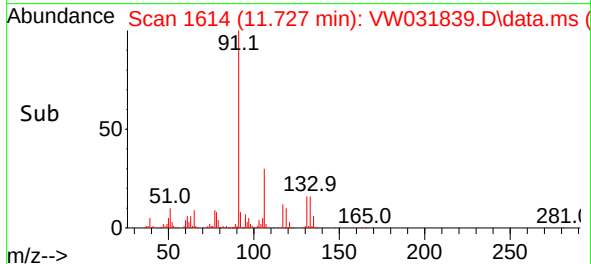
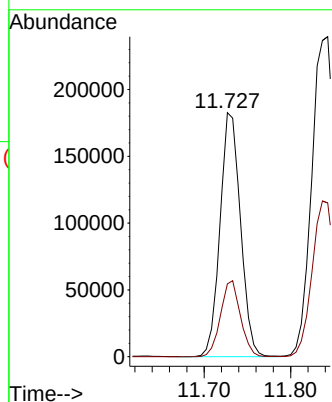
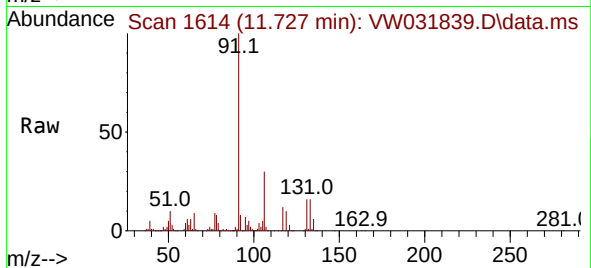
VW0714SBSD01

Tgt Ion: 91 Resp: 300048

Ion Ratio Lower Upper

91 100

106 29.9 25.4 38.2



#68

m/p-Xylenes

Concen: 39.799 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031839.D

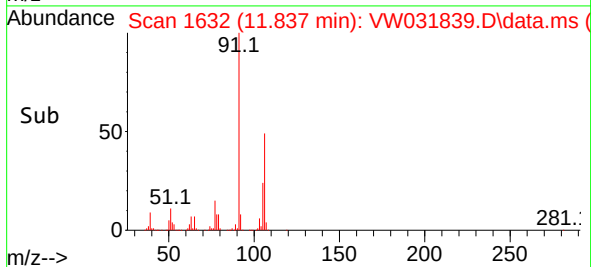
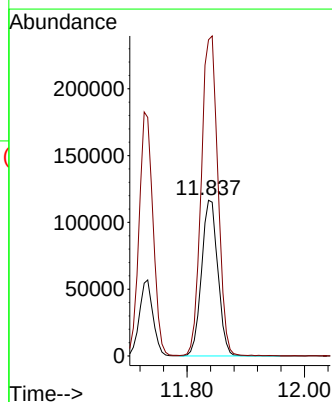
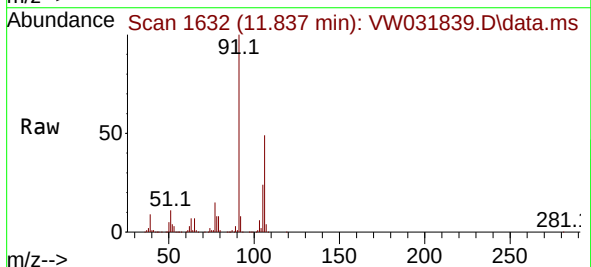
Acq: 14 Jul 2025 10:36

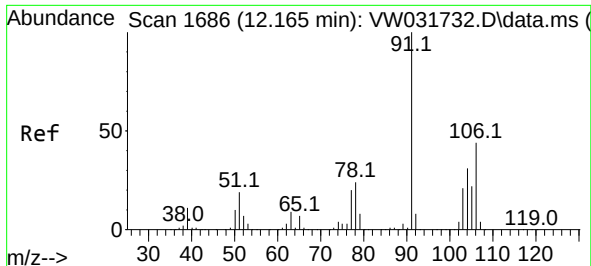
Tgt Ion:106 Resp: 224555

Ion Ratio Lower Upper

106 100

91 209.3 166.4 249.6

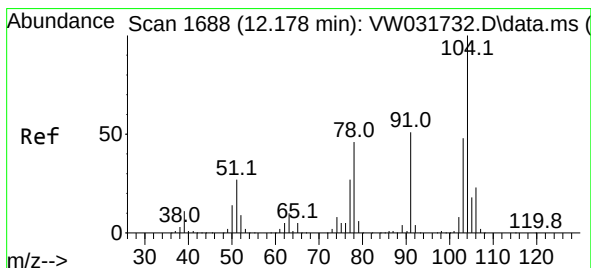
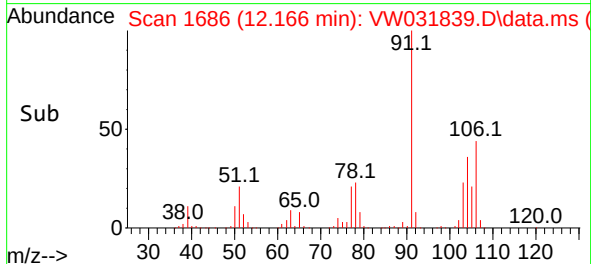
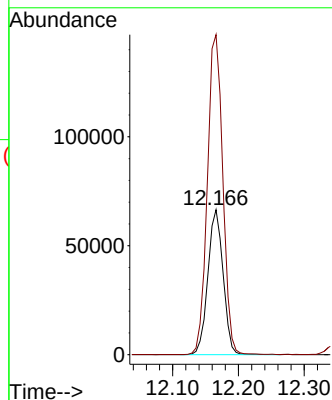
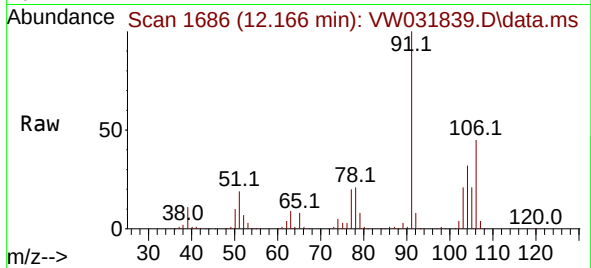




#69  
o-Xylene  
Concen: 20.534 ug/l  
RT: 12.166 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

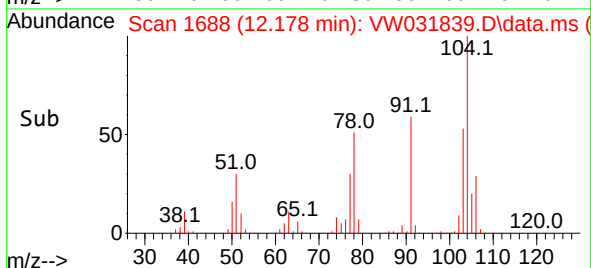
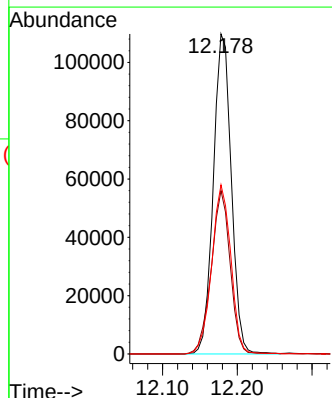
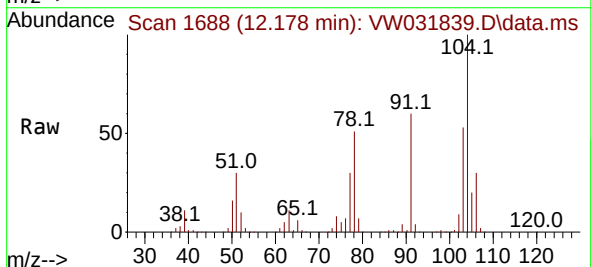
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

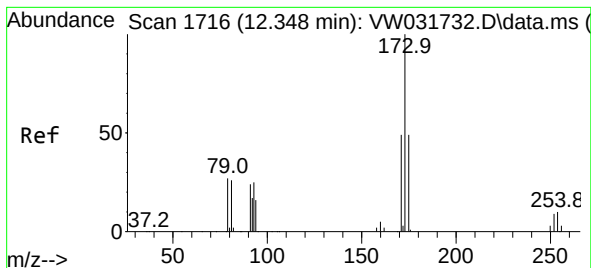
Tgt Ion:106 Resp: 107272  
Ion Ratio Lower Upper  
106 100  
91 224.2 111.5 334.4



#70  
Styrene  
Concen: 20.362 ug/l  
RT: 12.178 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion:104 Resp: 183895  
Ion Ratio Lower Upper  
104 100  
78 53.6 42.1 63.1  
103 56.1 43.0 64.6





#71

Bromoform

Concen: 19.069 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0714SBS01

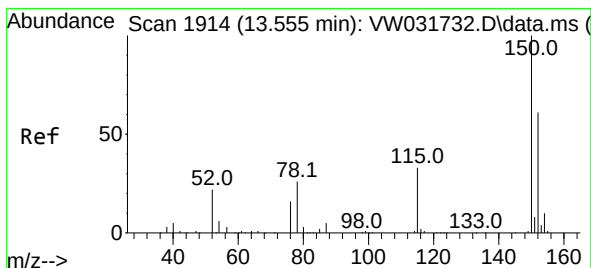
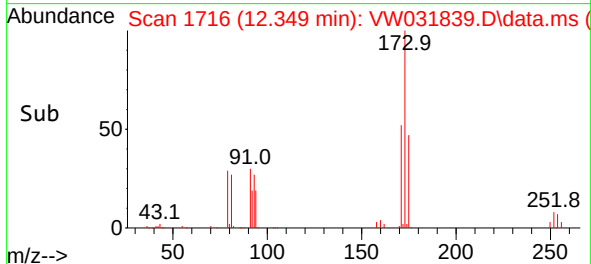
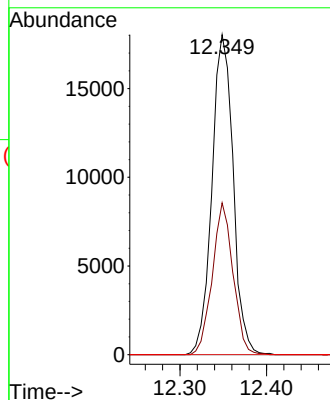
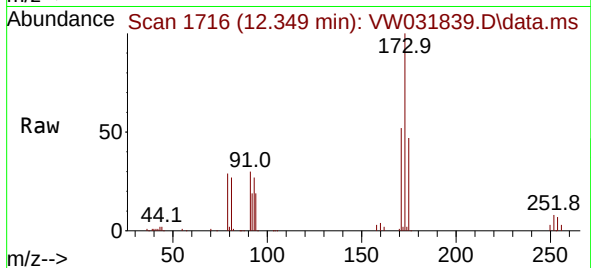
Tgt Ion:173 Resp: 30684

Ion Ratio Lower Upper

173 100

175 46.3 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

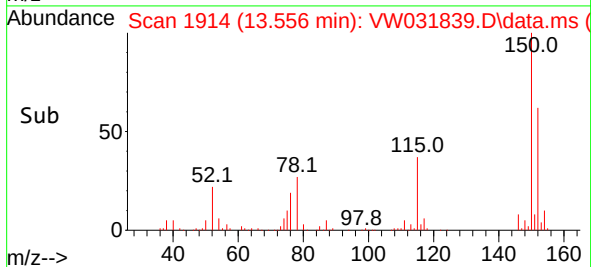
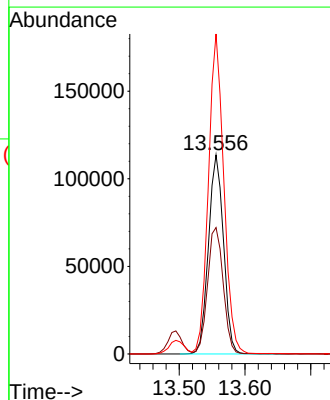
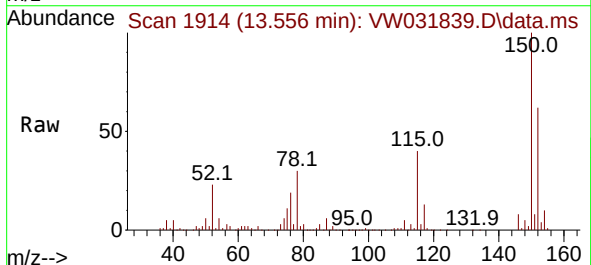
Tgt Ion:152 Resp: 180632

Ion Ratio Lower Upper

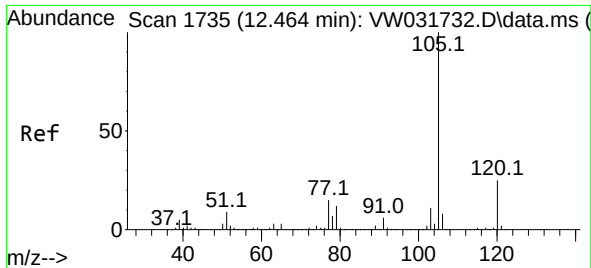
152 100

115 65.8 31.9 95.7

150 164.5 0.0 356.4



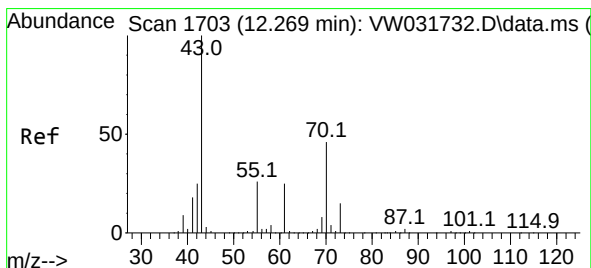
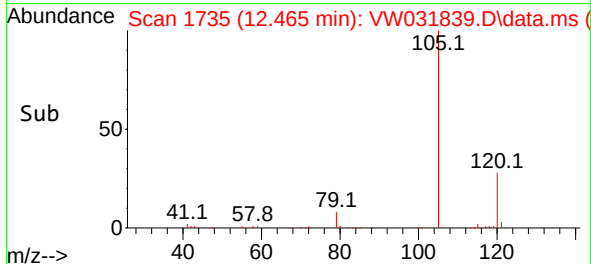
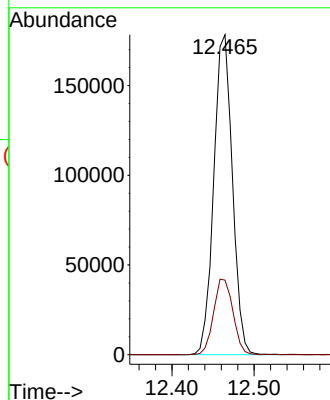
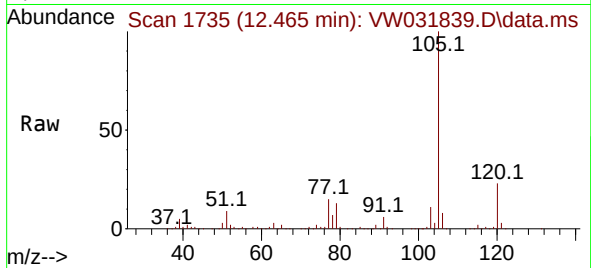




#73  
Isopropylbenzene  
Concen: 20.443 ug/l  
RT: 12.465 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

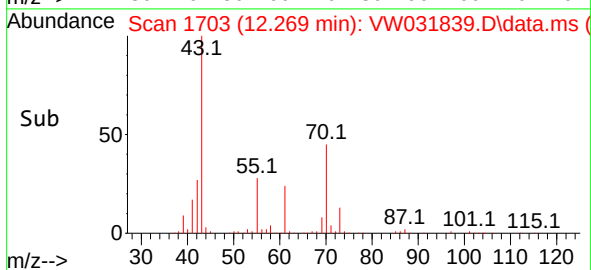
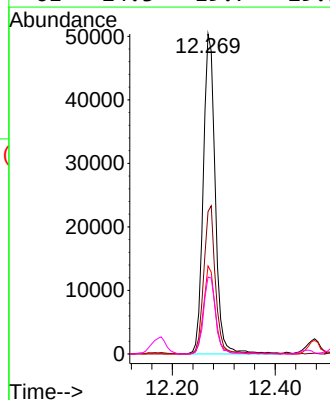
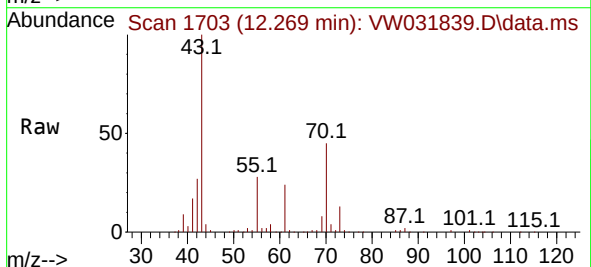
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

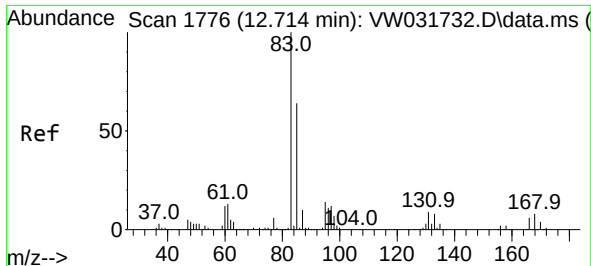
Tgt Ion:105 Resp: 280880  
Ion Ratio Lower Upper  
105 100  
120 24.5 12.8 38.4



#74  
N-ethyl acetate  
Concen: 22.027 ug/l  
RT: 12.269 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 43 Resp: 81575  
Ion Ratio Lower Upper  
43 100  
70 45.0 36.0 54.0  
55 26.6 20.8 31.2  
61 24.3 19.7 29.5

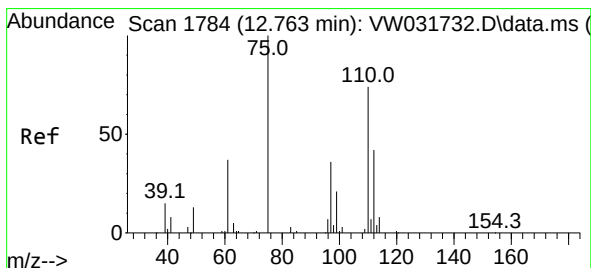
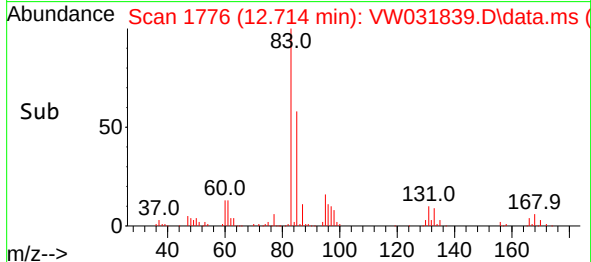
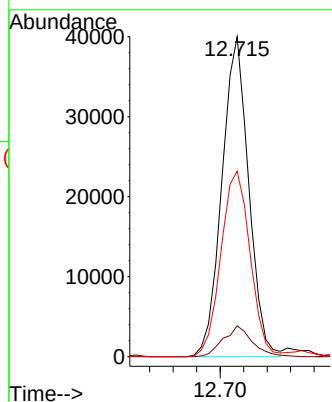
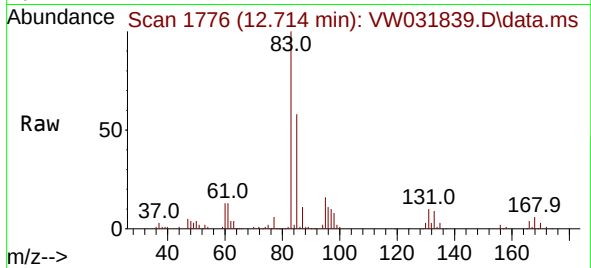




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.781 ug/l  
RT: 12.714 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

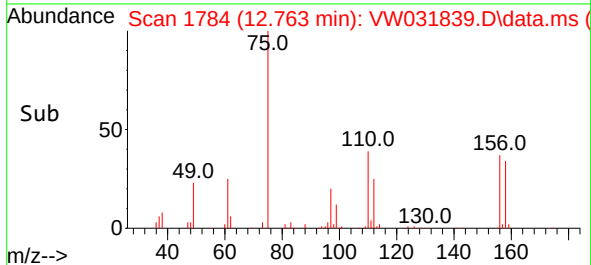
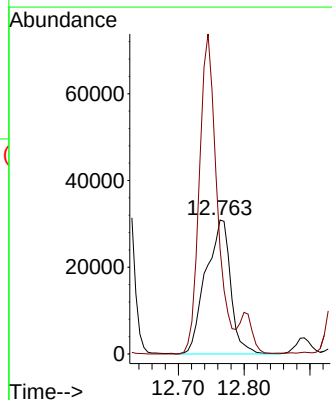
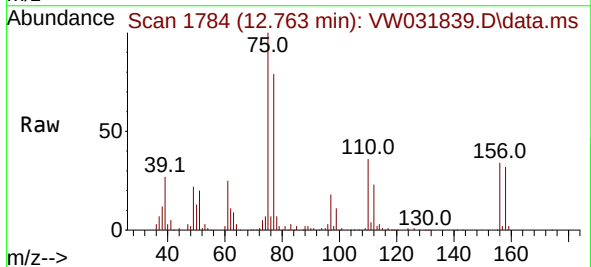
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

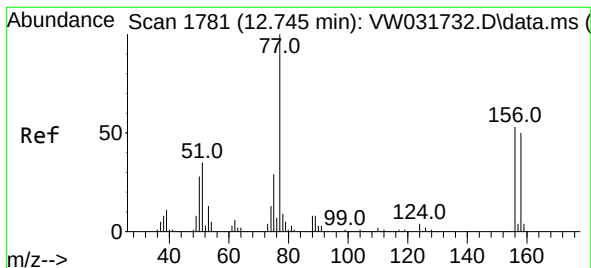
Tgt Ion: 83 Resp: 63391  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.3 16.1  
85 63.2 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 34.778 ug/l  
RT: 12.763 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 75 Resp: 81181  
Ion Ratio Lower Upper  
75 100  
77 170.8 141.2 423.6





#77

Bromobenzene

Concen: 20.069 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0714SBSD01

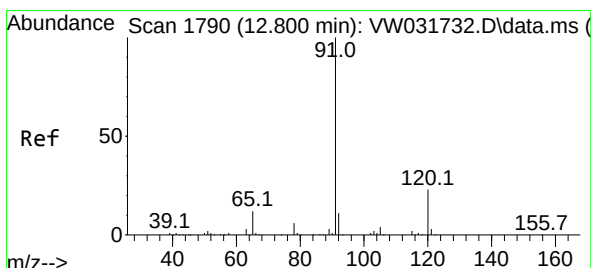
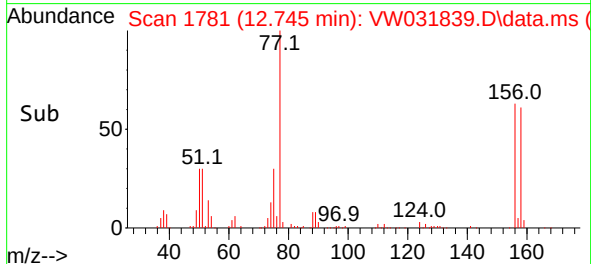
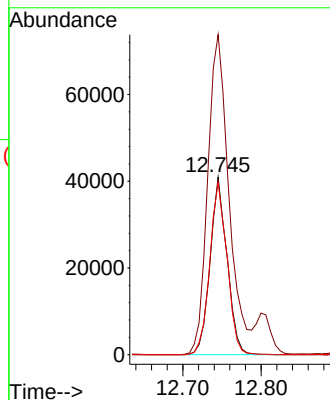
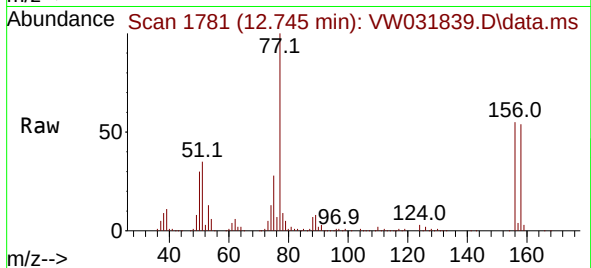
Tgt Ion:156 Resp: 61500

Ion Ratio Lower Upper

156 100

77 225.4 117.9 353.7

158 99.1 52.6 157.8



#78

n-propylbenzene

Concen: 20.510 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031839.D

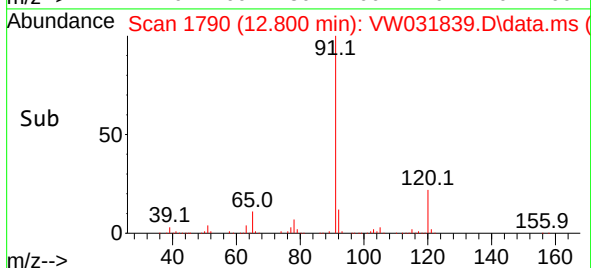
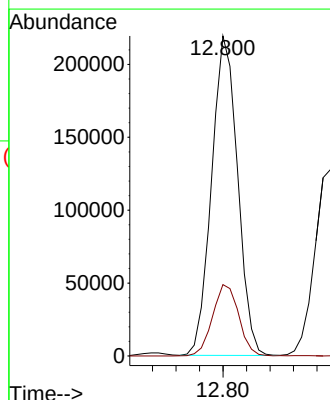
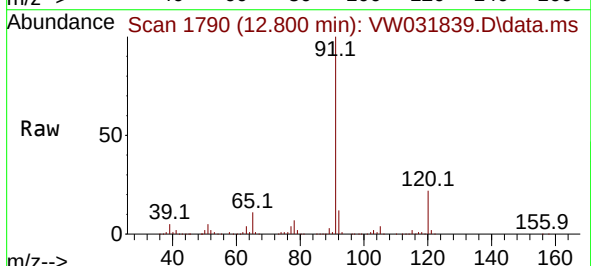
Acq: 14 Jul 2025 10:36

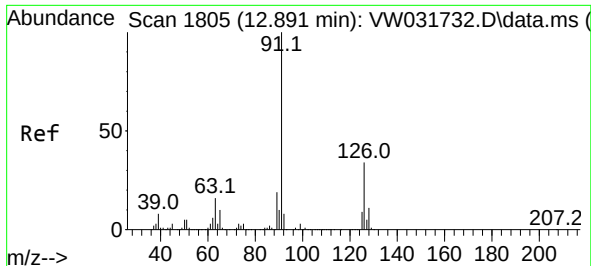
Tgt Ion: 91 Resp: 337459

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

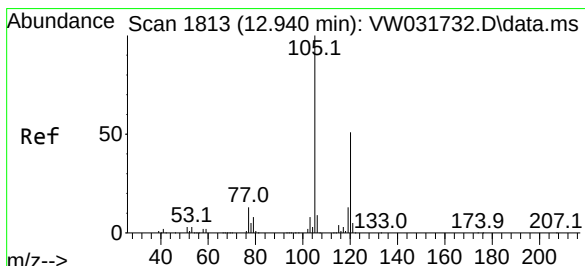
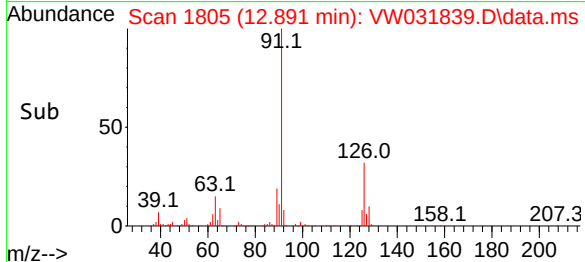
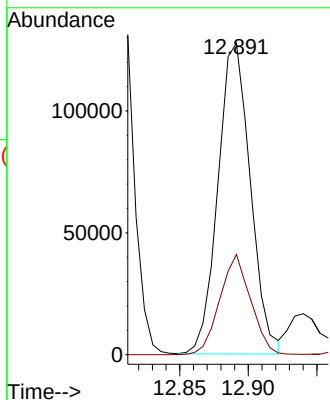
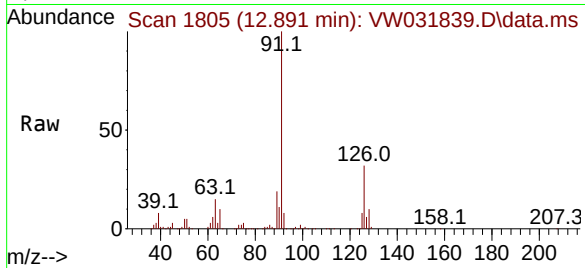




#79  
2-Chlorotoluene  
Concen: 21.170 ug/l  
RT: 12.891 min Scan# 1805  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

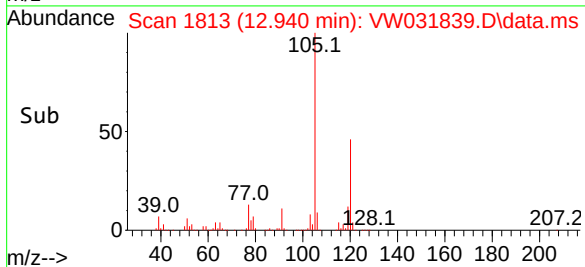
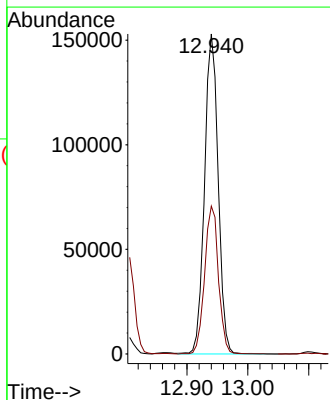
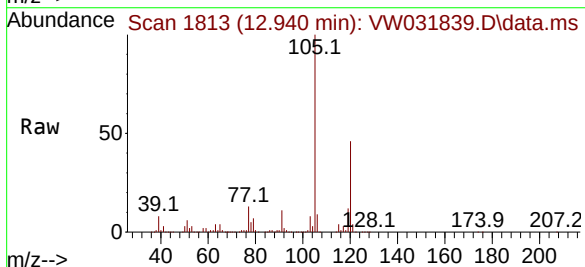
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

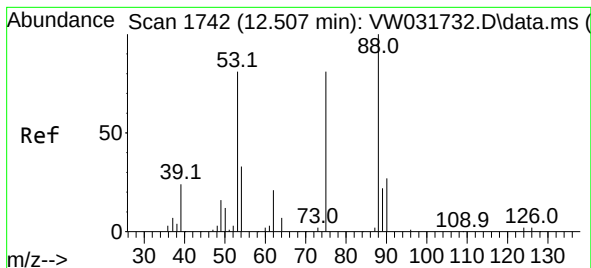
Tgt Ion: 91 Resp: 209747  
Ion Ratio Lower Upper  
91 100  
126 30.8 15.8 47.4



#80  
1,3,5-Trimethylbenzene  
Concen: 20.941 ug/l  
RT: 12.940 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 105 Resp: 238168  
Ion Ratio Lower Upper  
105 100  
120 46.9 23.8 71.2

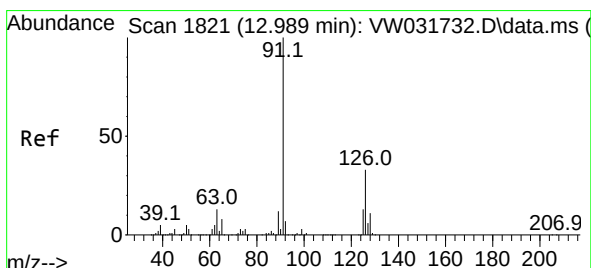
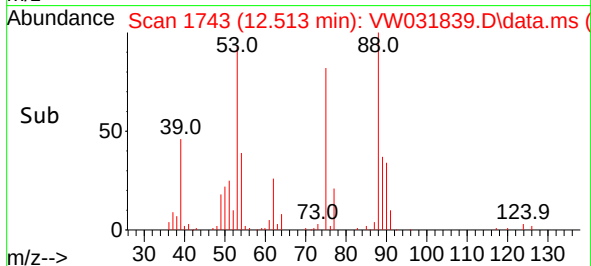
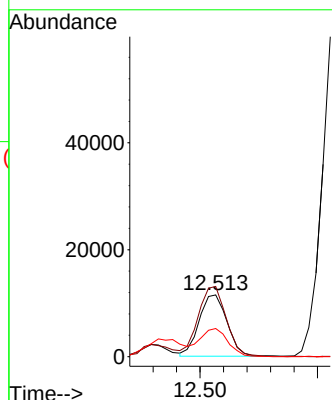
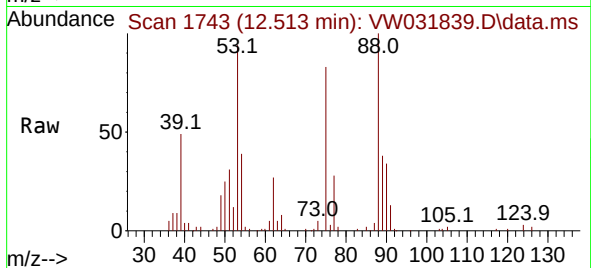




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.813 ug/l  
RT: 12.513 min Scan# 1743  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

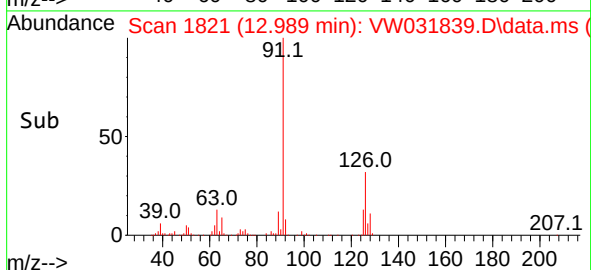
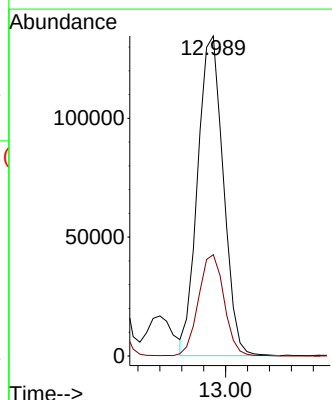
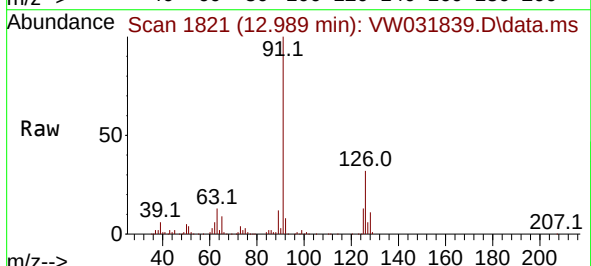
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

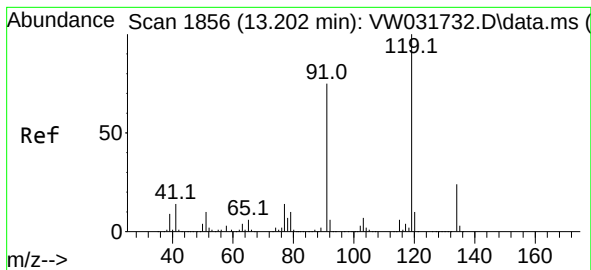
Tgt Ion: 75 Resp: 18854  
Ion Ratio Lower Upper  
75 100  
53 116.5 83.5 125.3  
89 47.1 38.3 57.5



#82  
4-Chlorotoluene  
Concen: 20.999 ug/l  
RT: 12.989 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 91 Resp: 218429  
Ion Ratio Lower Upper  
91 100  
126 31.7 16.0 47.9





#83

tert-Butylbenzene

Concen: 19.940 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0714SBS01

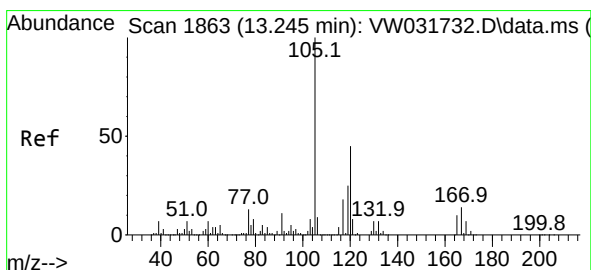
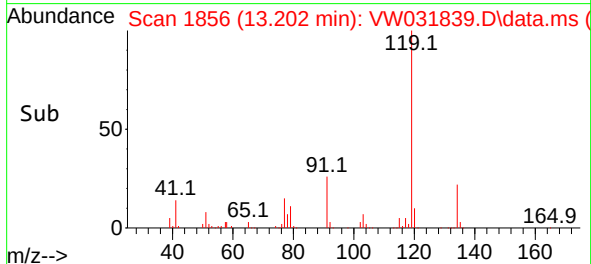
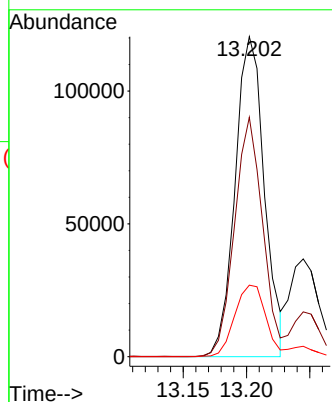
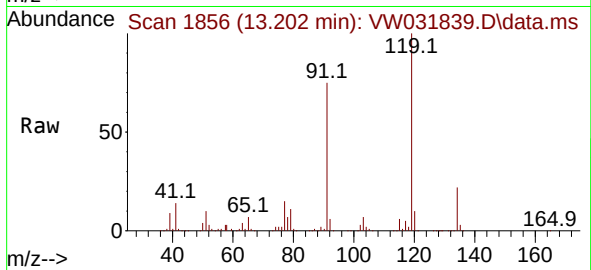
Tgt Ion:119 Resp: 194261

Ion Ratio Lower Upper

119 100

91 71.5 36.0 108.1

134 24.0 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 20.965 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031839.D

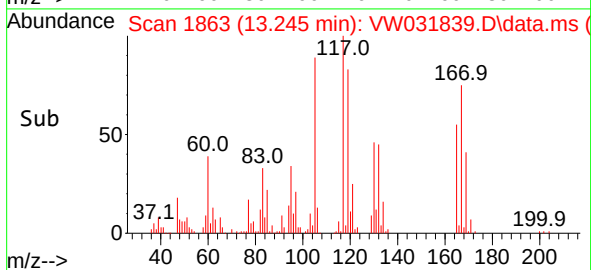
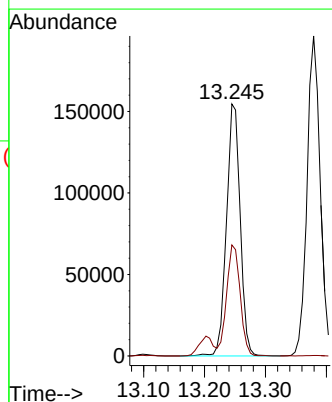
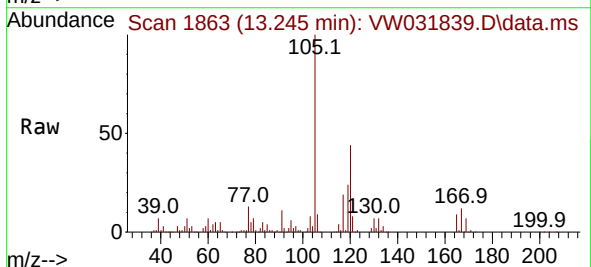
Acq: 14 Jul 2025 10:36

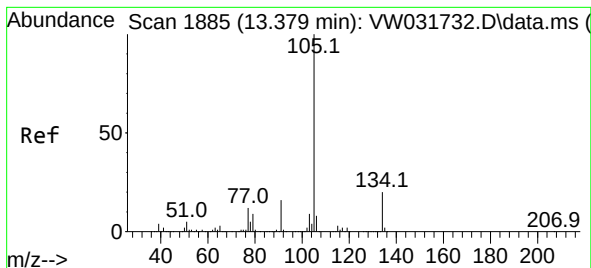
Tgt Ion:105 Resp: 241588

Ion Ratio Lower Upper

105 100

120 43.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 20.059 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA\_W

ClientSampleId :

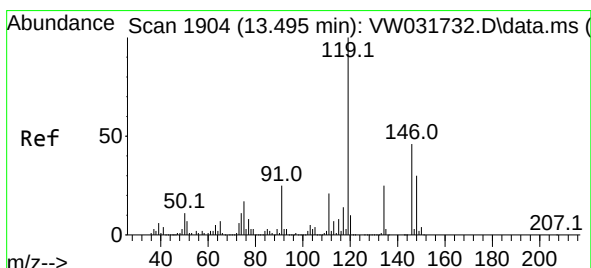
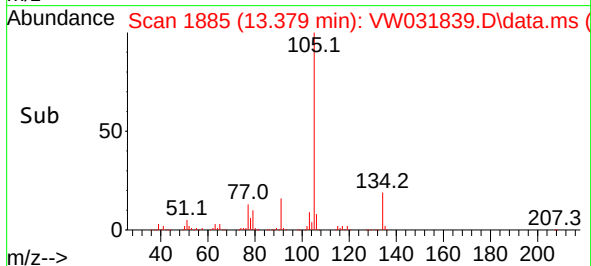
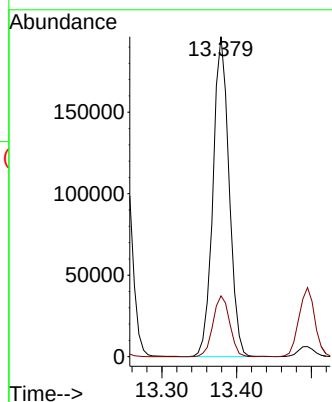
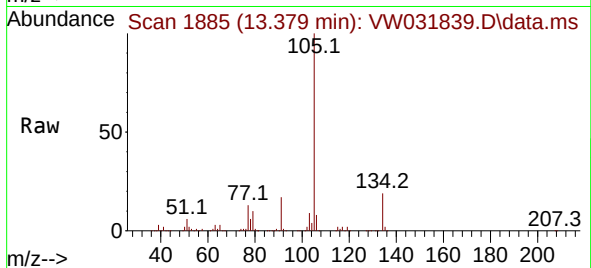
VW0714SBSD01

Tgt Ion:105 Resp: 293323

Ion Ratio Lower Upper

105 100

134 19.7 9.6 28.8



#86

p-Isopropyltoluene

Concen: 20.508 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

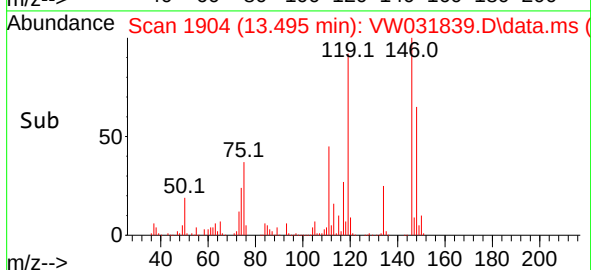
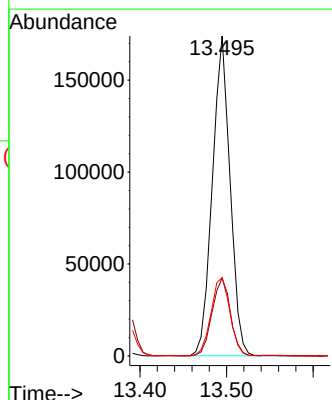
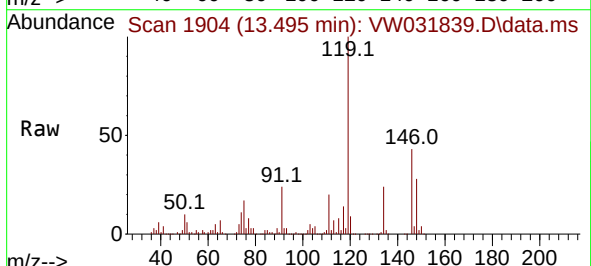
Tgt Ion:119 Resp: 247144

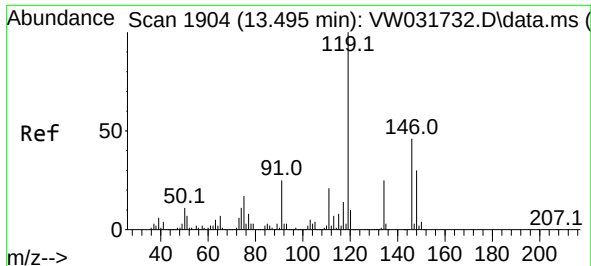
Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.7

91 26.0 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 20.317 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0714SBSD01

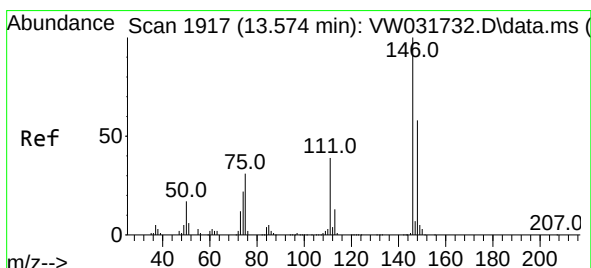
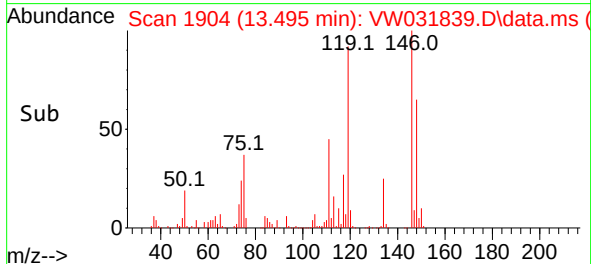
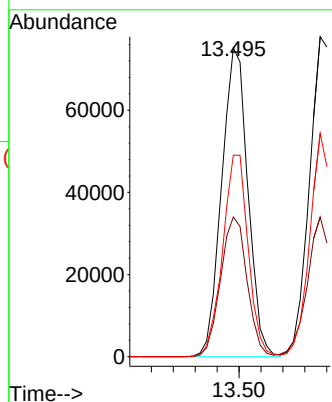
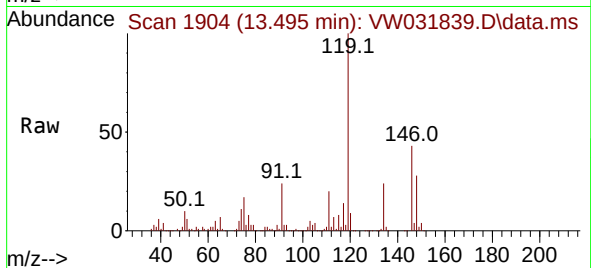
Tgt Ion:146 Resp: 124859

Ion Ratio Lower Upper

146 100

111 45.7 22.3 66.9

148 63.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.177 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

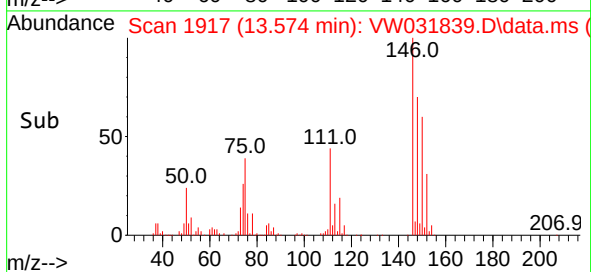
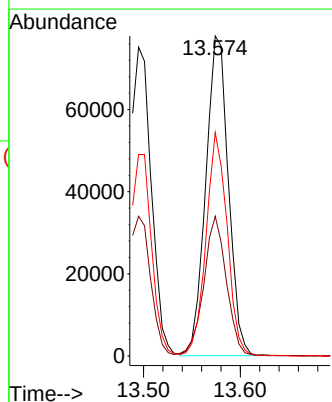
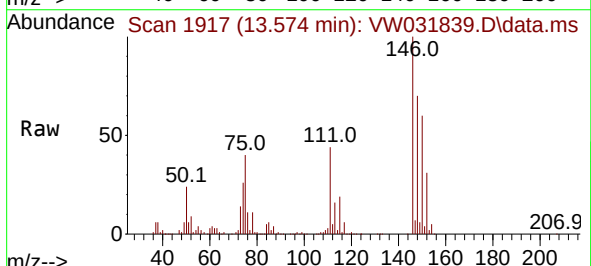
Tgt Ion:146 Resp: 126920

Ion Ratio Lower Upper

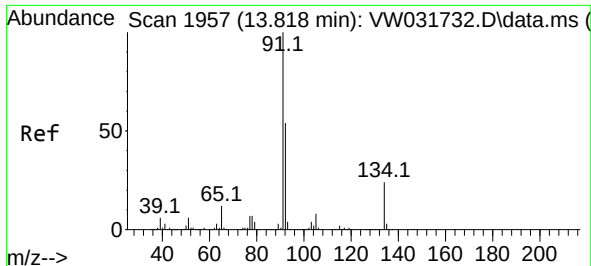
146 100

111 43.5 20.4 61.3

148 65.3 30.2 90.6



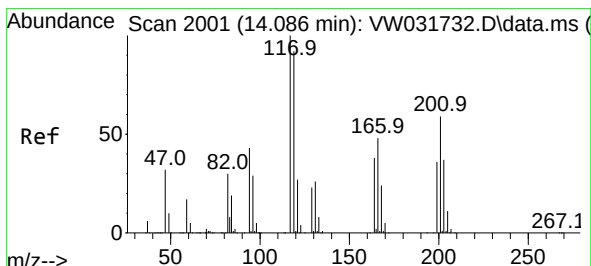
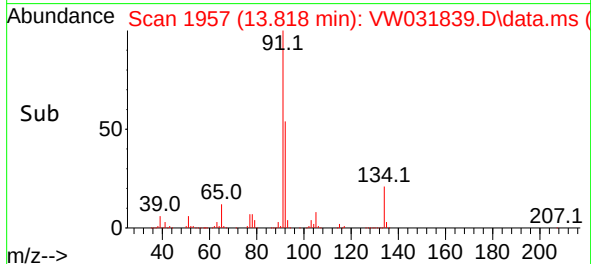
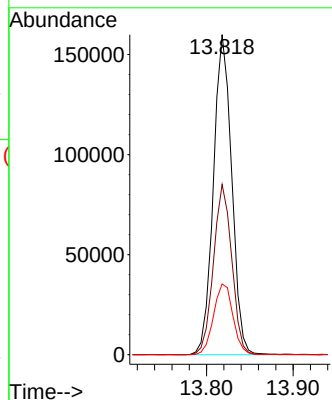
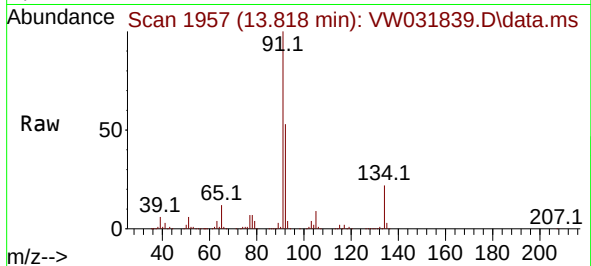




#89  
n-Butylbenzene  
Concen: 20.054 ug/l  
RT: 13.818 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

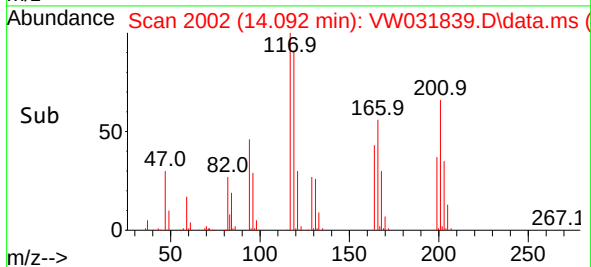
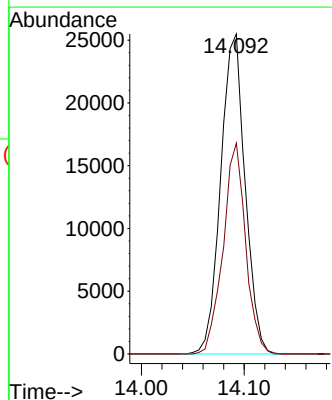
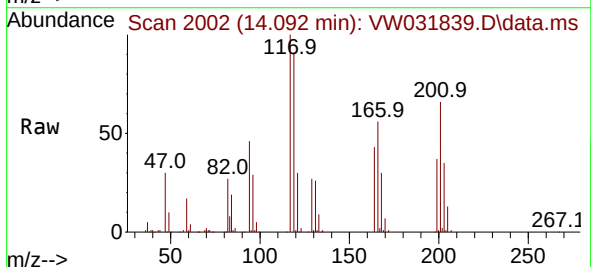
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

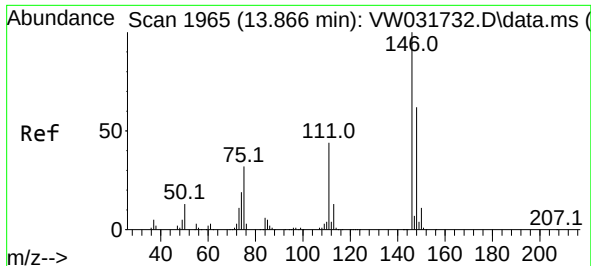
Tgt Ion: 91 Resp: 234809  
Ion Ratio Lower Upper  
91 100  
92 53.3 27.2 81.5  
134 23.5 12.2 36.6



#90  
Hexachloroethane  
Concen: 19.287 ug/l  
RT: 14.092 min Scan# 2002  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion: 117 Resp: 41932  
Ion Ratio Lower Upper  
117 100  
201 60.9 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 20.791 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0714SBSD01

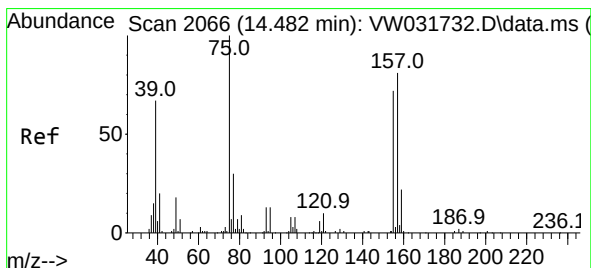
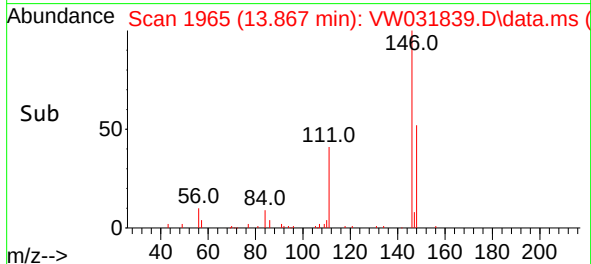
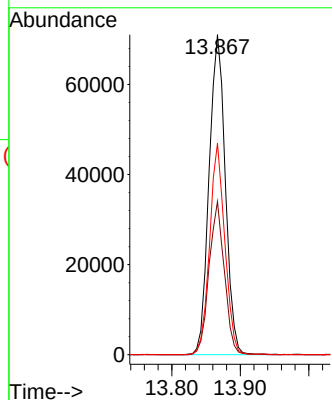
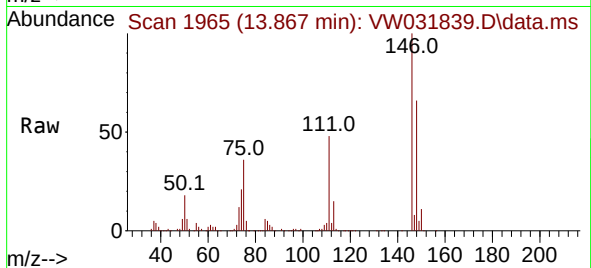
Tgt Ion:146 Resp: 116784

Ion Ratio Lower Upper

146 100

111 45.2 21.7 65.1

148 62.0 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.244 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

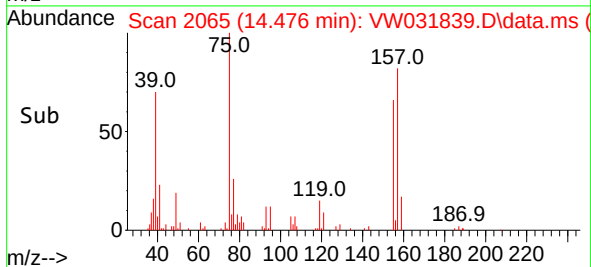
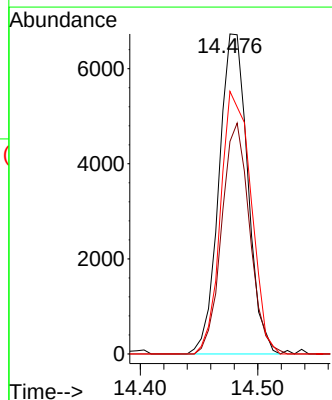
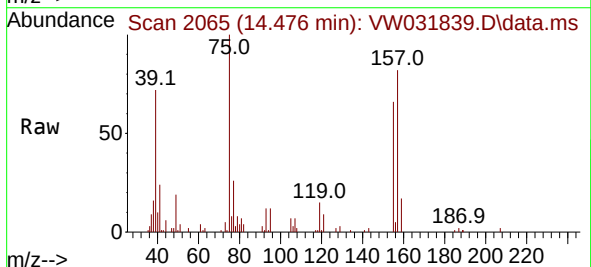
Tgt Ion: 75 Resp: 11462

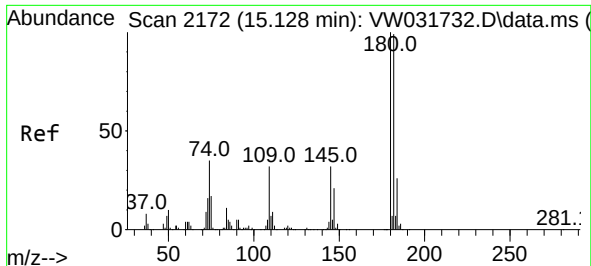
Ion Ratio Lower Upper

75 100

155 69.9 37.2 111.6

157 86.6 45.6 136.9

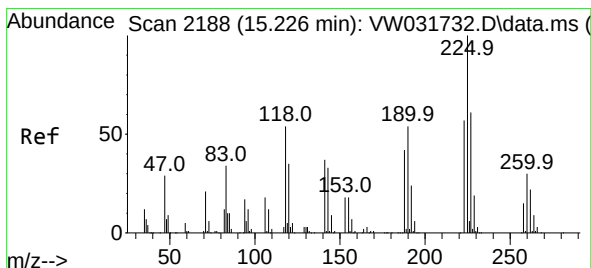
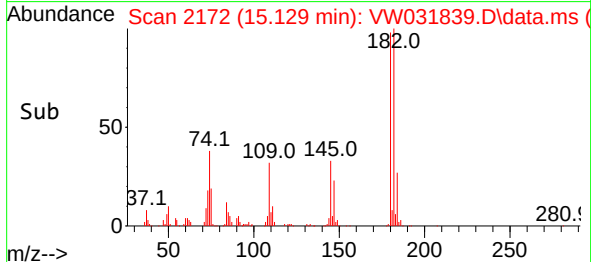
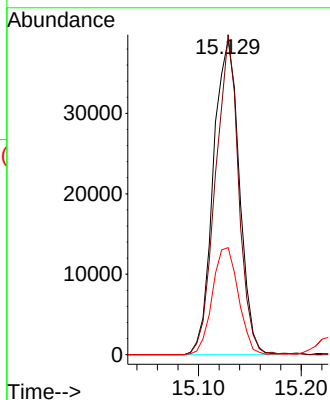
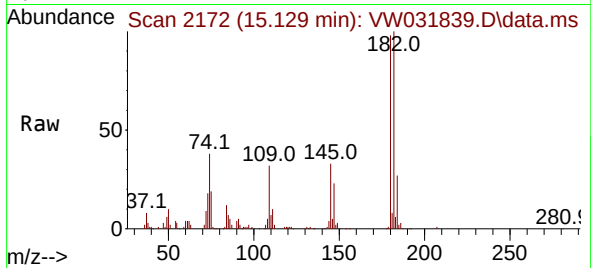




#93  
1,2,4-Trichlorobenzene  
Concen: 19.784 ug/l  
RT: 15.129 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

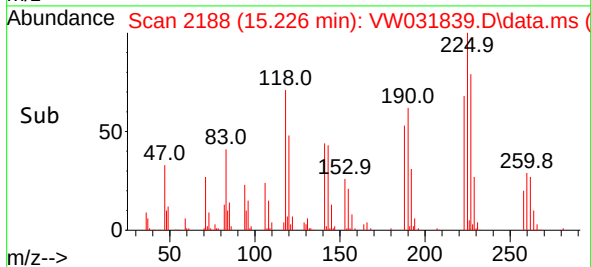
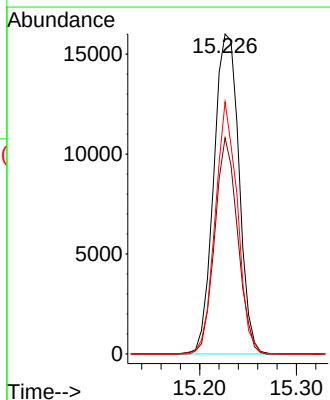
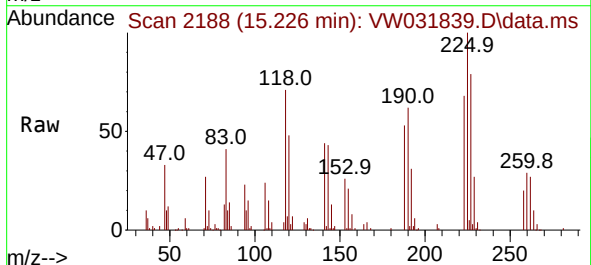
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

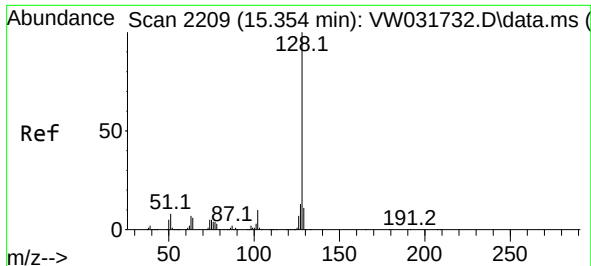
Tgt Ion:180 Resp: 68535  
Ion Ratio Lower Upper  
180 100  
182 91.1 48.6 145.9  
145 34.2 17.3 51.7



#94  
Hexachlorobutadiene  
Concen: 17.275 ug/l  
RT: 15.226 min Scan# 2188  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion:225 Resp: 28897  
Ion Ratio Lower Upper  
225 100  
223 61.7 32.6 97.8  
227 69.3 37.3 111.8

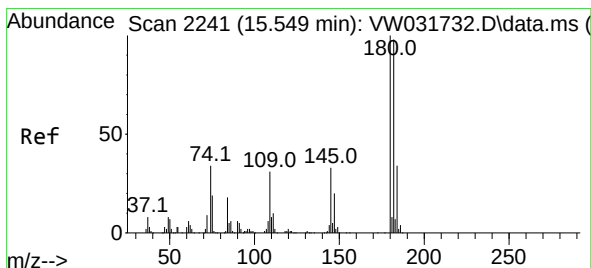
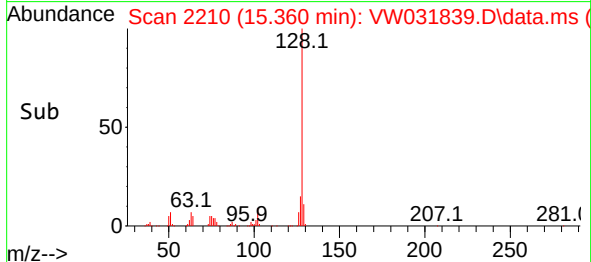
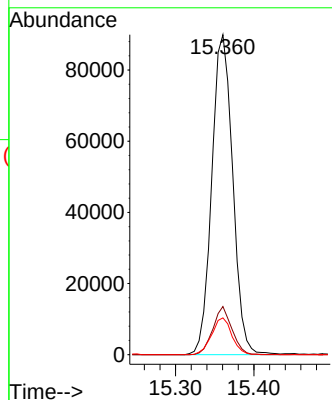
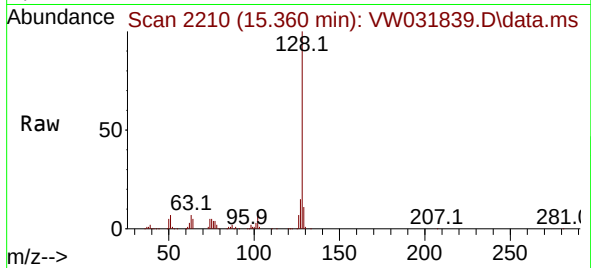




#95  
Naphthalene  
Concen: 19.676 ug/l  
RT: 15.360 min Scan# 2210  
Delta R.T. 0.006 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0714SBSD01

Tgt Ion:128 Resp: 167105  
Ion Ratio Lower Upper  
128 100  
127 13.7 10.8 16.2  
129 11.1 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 19.235 ug/l  
RT: 15.549 min Scan# 2241  
Delta R.T. 0.000 min  
Lab File: VW031839.D  
Acq: 14 Jul 2025 10:36

Tgt Ion:180 Resp: 61227  
Ion Ratio Lower Upper  
180 100  
182 103.3 46.4 139.1  
145 38.5 17.8 53.3

