

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100625\  
 Data File : VW032368.D  
 Acq On : 06 Oct 2025 18:51  
 Operator : SY/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 07 03:51:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W100125S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 02 21:24:16 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.959  | 168  | 258764   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.855  | 114  | 493275   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.629 | 117  | 456917   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 219115   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.319  | 65    | 200284   | 53.066   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | = 106.140% |      |
| 35) Dibromofluoromethane    | 7.904  | 113   | 158050   | 49.476   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | = 98.960%  |      |
| 50) Toluene-d8              | 10.331 | 98    | 590669   | 50.098   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | = 100.200% |      |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 222817   | 50.000   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | = 100.000% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 77984   | 48.026  | ug/l   | 96  |
| 3) Chloromethane             | 2.253 | 50  | 114675  | 45.769  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.405 | 62  | 147616  | 49.349  | ug/l   | 99  |
| 5) Bromomethane              | 2.820 | 94  | 107253  | 48.792  | ug/l   | 92  |
| 6) Chloroethane              | 2.966 | 64  | 98989   | 50.124  | ug/l   | 92  |
| 7) Trichlorofluoromethane    | 3.308 | 101 | 113644  | 50.742  | ug/l   | 92  |
| 8) Diethyl Ether             | 3.722 | 74  | 102329  | 52.727  | ug/l   | 88  |
| 9) 1,1,2-Trichlorotrifluo... | 4.106 | 101 | 134837  | 50.194  | ug/l   | 92  |
| 10) Methyl Iodide            | 4.314 | 142 | 199424  | 52.030  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.222 | 59  | 71542   | 250.424 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 4.082 | 96  | 144471  | 49.538  | ug/l   | 91  |
| 13) Acrolein                 | 3.930 | 56  | 77523   | 167.201 | ug/l   | 96  |
| 14) Allyl chloride           | 4.704 | 41  | 246508  | 50.044  | ug/l   | 88  |
| 15) Acrylonitrile            | 5.405 | 53  | 276437  | 273.801 | ug/l   | 98  |
| 16) Acetone                  | 4.161 | 43  | 235493  | 225.339 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.423 | 76  | 390179  | 49.035  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.710 | 43  | 183186  | 61.191  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.472 | 73  | 306838  | 53.419  | ug/l   | 94  |
| 20) Methylene Chloride       | 4.966 | 84  | 189360  | 55.303  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.460 | 96  | 166779  | 51.654  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.344 | 45  | 544025  | 53.106  | ug/l   | 94  |
| 23) Vinyl Acetate            | 6.283 | 43  | 1780287 | 260.183 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.252 | 63  | 316995  | 50.933  | ug/l   | 99  |
| 25) 2-Butanone               | 7.197 | 43  | 375766  | 264.007 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.191 | 77  | 148653  | 46.694  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.191 | 96  | 204440  | 52.706  | ug/l   | 95  |
| 28) Bromochloromethane       | 7.532 | 49  | 156507  | 53.449  | ug/l # | 9   |
| 29) Tetrahydrofuran          | 7.551 | 42  | 249304  | 278.527 | ug/l   | 95  |
| 30) Chloroform               | 7.691 | 83  | 336937  | 53.381  | ug/l   | 98  |
| 31) Cyclohexane              | 7.971 | 56  | 252742  | 47.568  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 7.886 | 97  | 232182  | 51.910  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.099 | 75  | 225371  | 49.989  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.276 | 43  | 159798  | 53.251  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.087 | 117 | 199664  | 47.063  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.343 | 83  | 270775  | 49.792  | ug/l   | 96  |
| 40) Benzene                  | 8.337 | 78  | 713380  | 50.482  | ug/l   | 97  |

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 Sample : VSTDCCC050EC  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 07 03:51:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W100125S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 02 21:24:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.502  | 41   | 96850    | 59.887   | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 8.410  | 62   | 239651   | 51.829   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.435  | 43   | 282698   | 53.105   | ug/l   | 99       |
| 44) Trichloroethene           | 9.105  | 130  | 167007   | 50.473   | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.380  | 63   | 180137   | 51.070   | ug/l   | 99       |
| 46) Dibromomethane            | 9.465  | 93   | 115191   | 53.109   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.654  | 83   | 254843   | 51.370   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.441  | 41   | 142356   | 55.001   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.459  | 88   | 33658    | 1135.344 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.215 | 43   | 847738   | 274.943  | ug/l   | 99       |
| 52) Toluene                   | 10.392 | 92   | 443854   | 50.437   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.611 | 75   | 242830   | 50.454   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.075 | 75   | 278303   | 50.200   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 149852   | 51.694   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 219909   | 54.198   | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 270834   | 52.898   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 648785   | 300.448  | ug/l   | 94       |
| 59) 2-Hexanone                | 10.971 | 43   | 598580   | 275.257  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.129 | 129  | 175595   | 53.347   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.239 | 107  | 147233   | 52.088   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.861 | 164  | 140782   | 51.492   | ug/l # | 84       |
| 65) Chlorobenzene             | 11.660 | 112  | 500834   | 49.818   | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.727 | 131  | 161380   | 51.538   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.727 | 91   | 843007   | 50.306   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.837 | 106  | 650146   | 100.612  | ug/l   | 98       |
| 69) o-Xylene                  | 12.166 | 106  | 310520   | 51.385   | ug/l   | 99       |
| 70) Styrene                   | 12.178 | 104  | 565918   | 53.638   | ug/l   | 96       |
| 71) Bromoform                 | 12.349 | 173  | 94100    | 52.429   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.458 | 105  | 769388   | 51.324   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.269 | 43   | 253698   | 53.049   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 191436   | 51.431   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 244004   | 84.622   | ug/l   | 40       |
| 77) Bromobenzene              | 12.745 | 156  | 178337   | 49.351   | ug/l   | 83       |
| 78) n-propylbenzene           | 12.800 | 91   | 961404   | 51.342   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 583597   | 50.971   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 663602   | 51.194   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.513 | 75   | 58455    | 51.356   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.989 | 91   | 602457   | 49.492   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.202 | 119  | 552085   | 51.908   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 680361   | 51.618   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.379 | 105  | 822948   | 50.633   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 679919   | 50.416   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 369721   | 50.527   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 369034   | 50.438   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.818 | 91   | 668577   | 50.775   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.092 | 117  | 120675   | 49.922   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 335547   | 50.728   | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.476 | 75   | 33518    | 51.432   | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.129 | 180  | 200223   | 50.480   | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.226 | 225  | 88991    | 49.073   | ug/l   | 97       |
| 95) Naphthalene               | 15.360 | 128  | 526543   | 55.279   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 186054   | 49.767   | ug/l   | 99       |

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Sample : VSTDCCC050EC  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 22 Sample Multiplier: 1

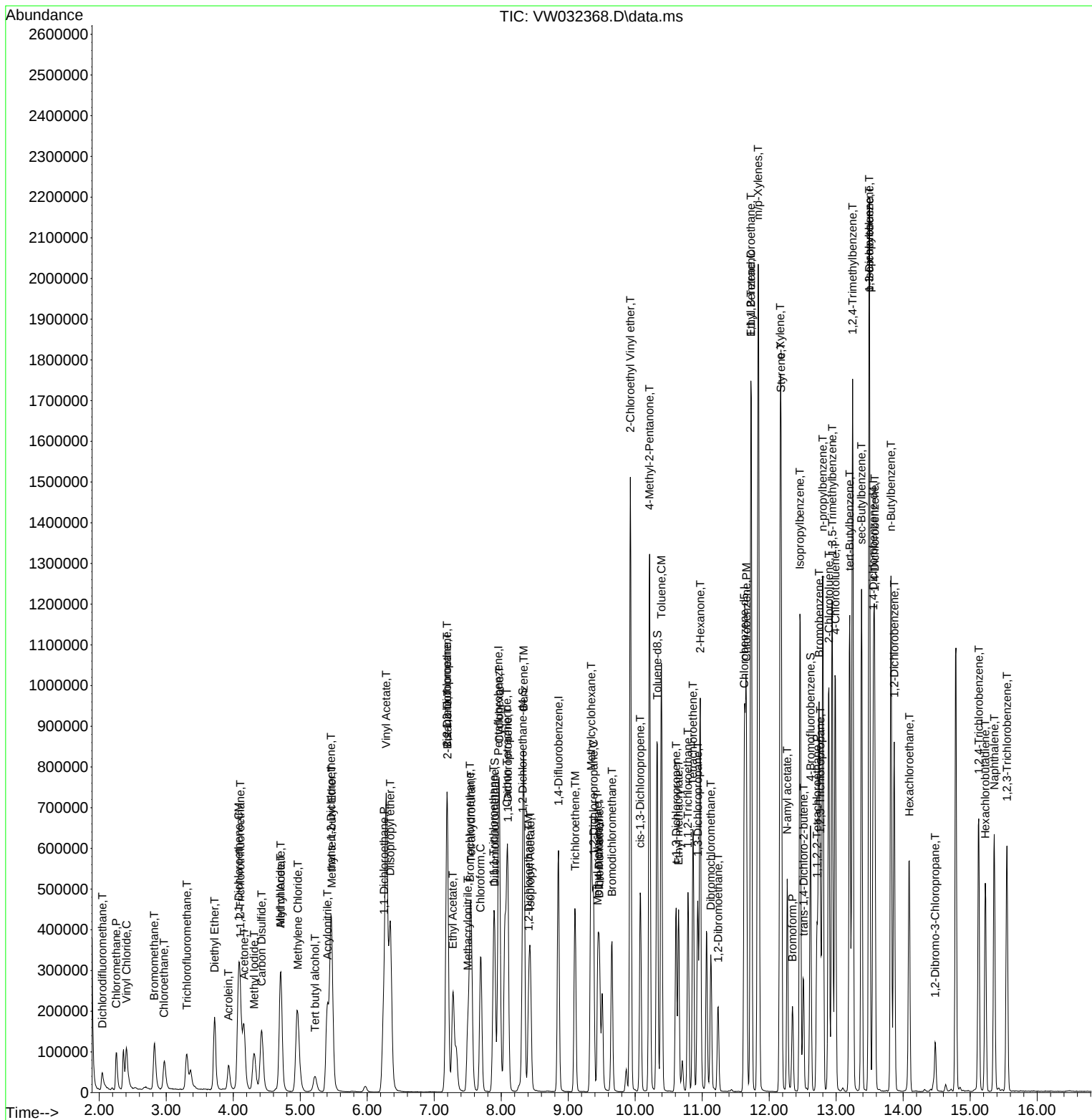
Instrument :  
MSVOA\_W  
ClientSampleId :

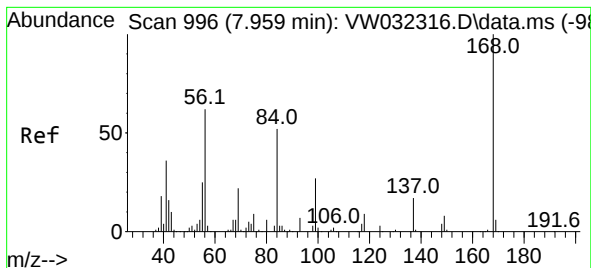
Quant Time: Oct 07 03:51:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W100125S.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 02 21:24:16 2025  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W100125S.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 02 21:24:16 2025  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

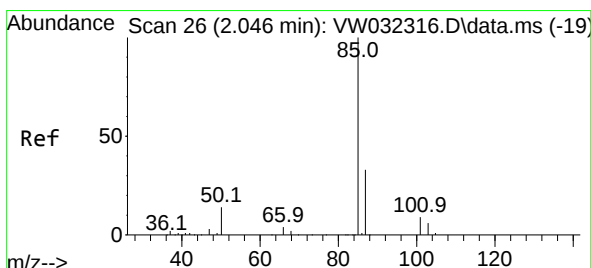
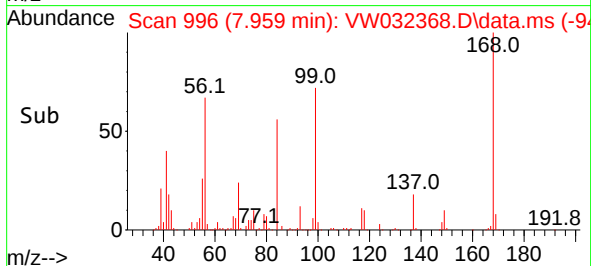
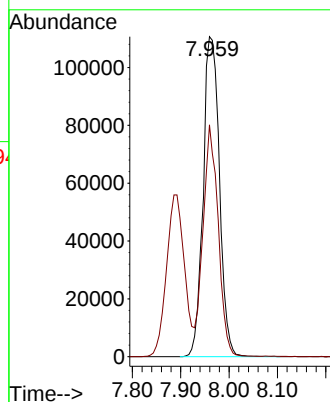
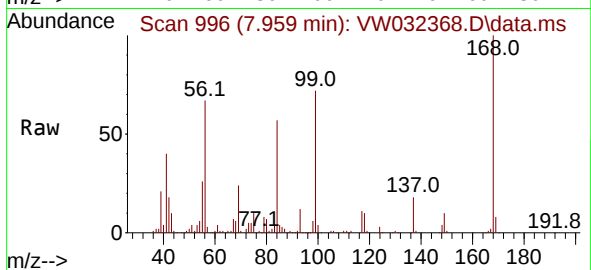
ClientSampleId :

Tgt Ion:168 Resp: 258764

Ion Ratio Lower Upper

168 100

99 72.3 49.3 73.9



#2

Dichlorodifluoromethane

Concen: 48.026 ug/l

RT: 2.046 min Scan# 26

Delta R.T. -0.000 min

Lab File: VW032368.D

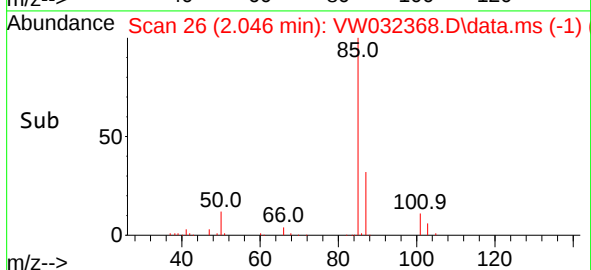
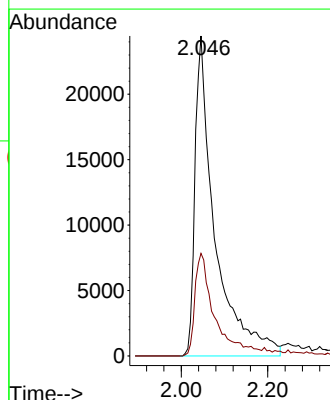
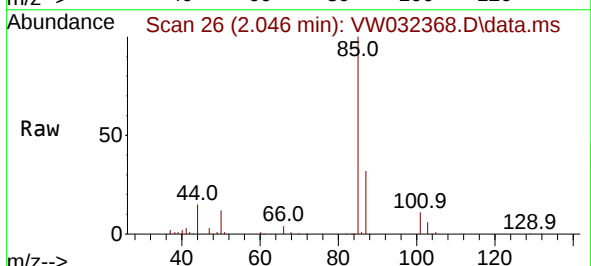
Acq: 06 Oct 2025 18:51

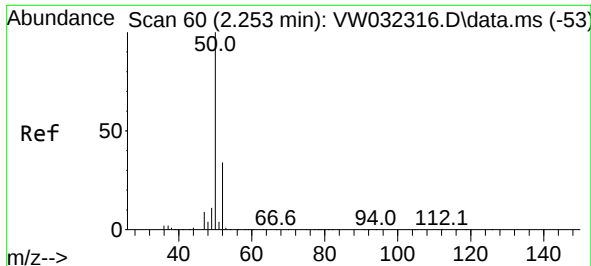
Tgt Ion: 85 Resp: 77984

Ion Ratio Lower Upper

85 100

87 32.1 17.2 51.6

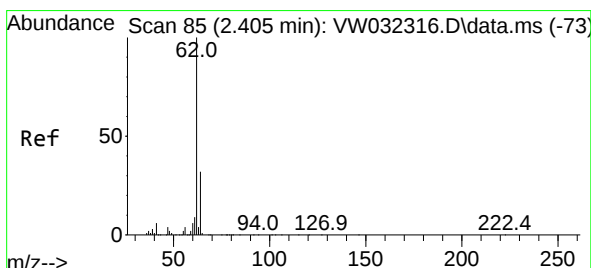
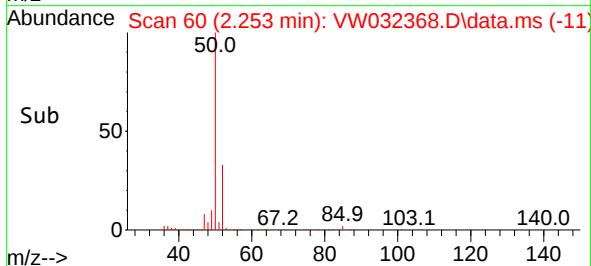
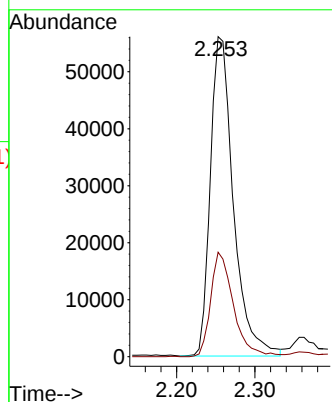
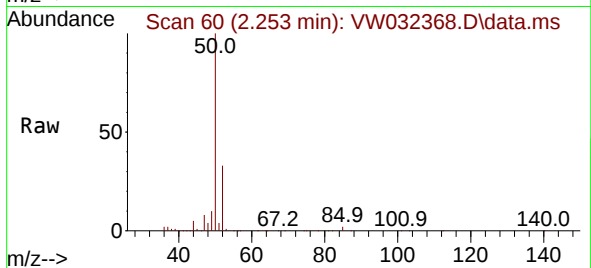




#3  
Chloromethane  
Concen: 45.769 ug/l  
RT: 2.253 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

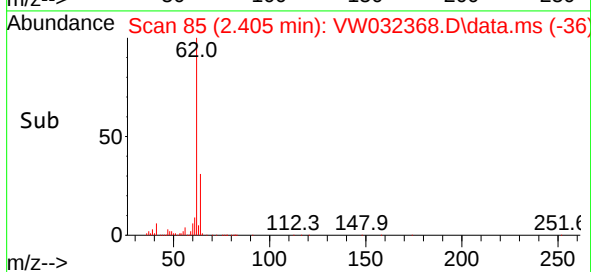
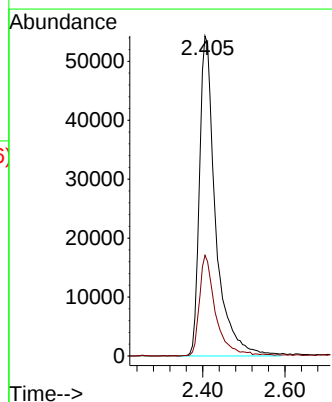
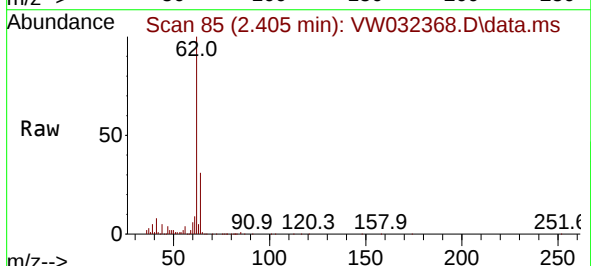
Instrument :  
MSVOA\_W  
ClientSampleId :

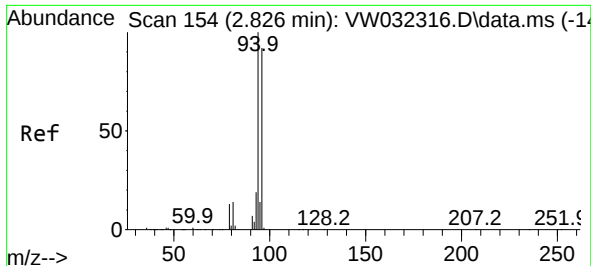
Tgt Ion: 50 Resp: 114675  
Ion Ratio Lower Upper  
50 100  
52 32.7 26.1 39.1



#4  
Vinyl Chloride  
Concen: 49.349 ug/l  
RT: 2.405 min Scan# 85  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 62 Resp: 147616  
Ion Ratio Lower Upper  
62 100  
64 31.4 24.8 37.2

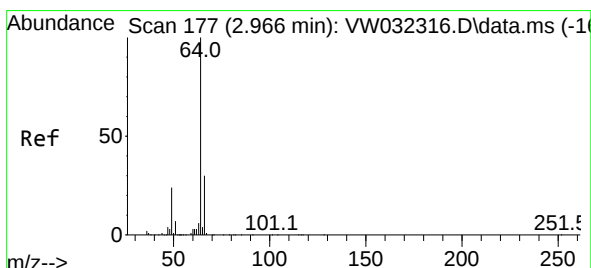
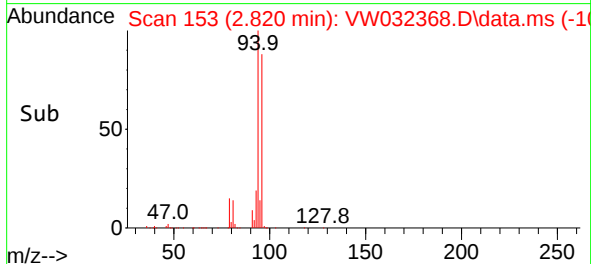
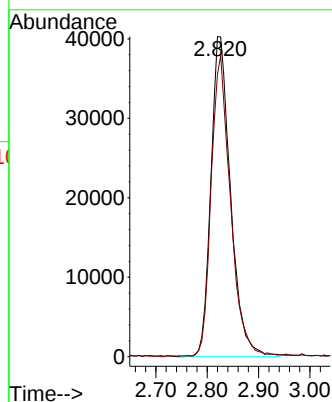
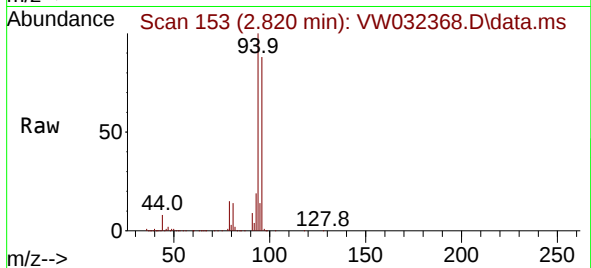




#5  
Bromomethane  
Concen: 48.792 ug/l  
RT: 2.820 min Scan# 154  
Delta R.T. -0.006 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

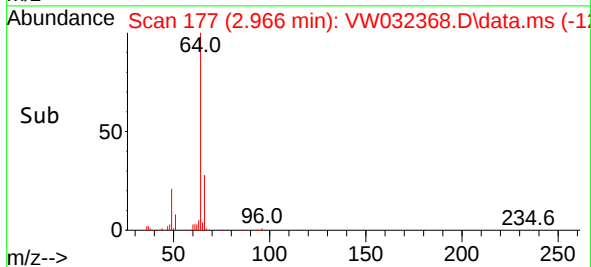
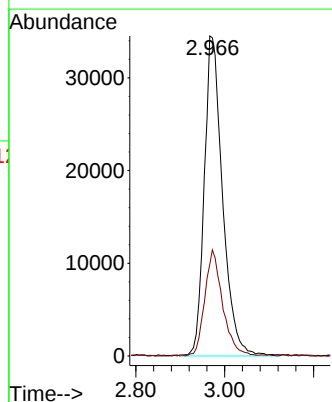
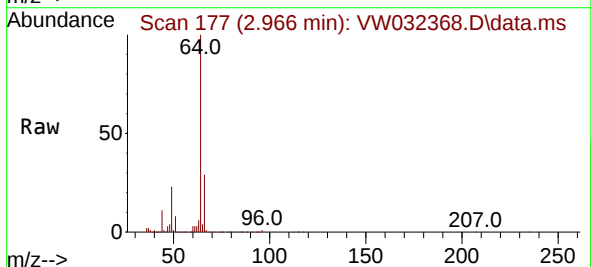
Instrument :  
MSVOA\_W  
ClientSampleId :

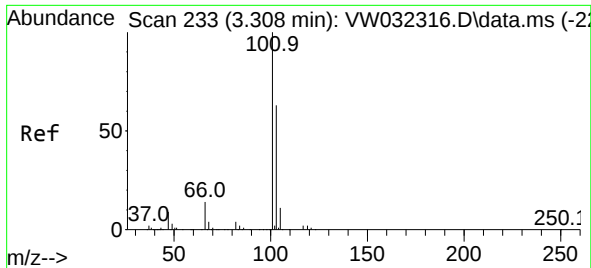
Tgt Ion: 94 Resp: 107253  
Ion Ratio Lower Upper  
94 100  
96 88.0 76.6 115.0



#6  
Chloroethane  
Concen: 50.124 ug/l  
RT: 2.966 min Scan# 177  
Delta R.T. -0.006 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 64 Resp: 98989  
Ion Ratio Lower Upper  
64 100  
66 28.5 26.2 39.4

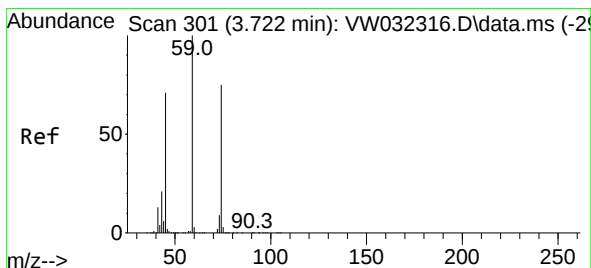
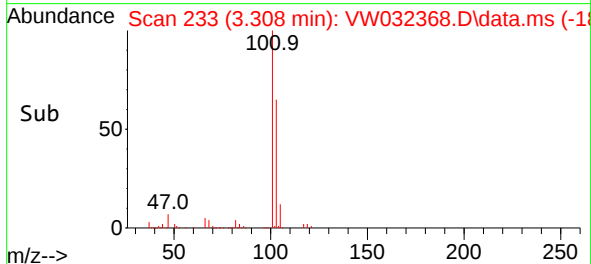
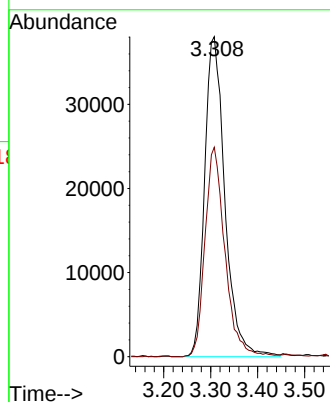
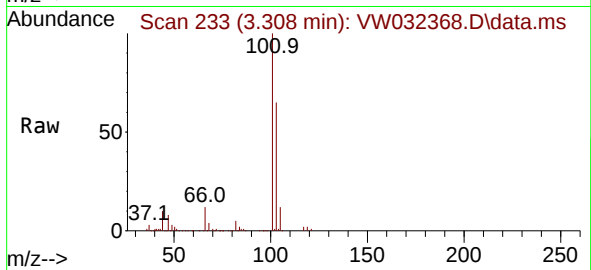




#7  
 Trichlorofluoromethane  
 Concen: 50.742 ug/l  
 RT: 3.308 min Scan# 211  
 Delta R.T. -0.000 min  
 Lab File: VW032368.D  
 Acq: 06 Oct 2025 18:51

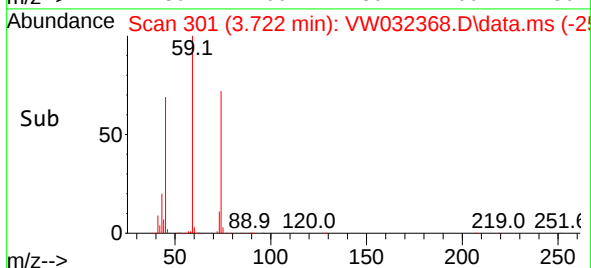
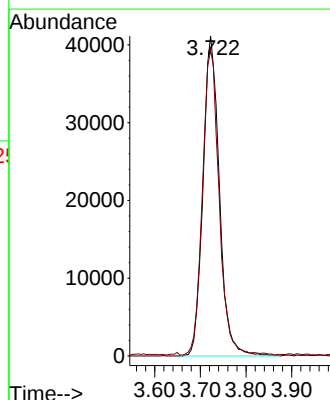
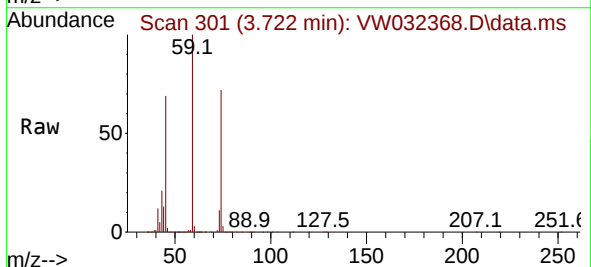
Instrument :  
 MSVOA\_W  
 ClientSampleId :

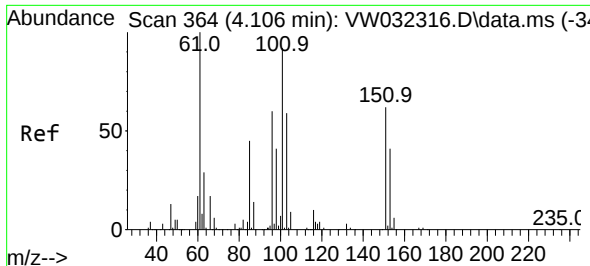
Tgt Ion:101 Resp: 113644  
 Ion Ratio Lower Upper  
 101 100  
 103 65.5 47.8 71.8



#8  
 Diethyl Ether  
 Concen: 52.727 ug/l  
 RT: 3.722 min Scan# 301  
 Delta R.T. 0.006 min  
 Lab File: VW032368.D  
 Acq: 06 Oct 2025 18:51

Tgt Ion: 74 Resp: 102329  
 Ion Ratio Lower Upper  
 74 100  
 45 97.1 43.1 129.4

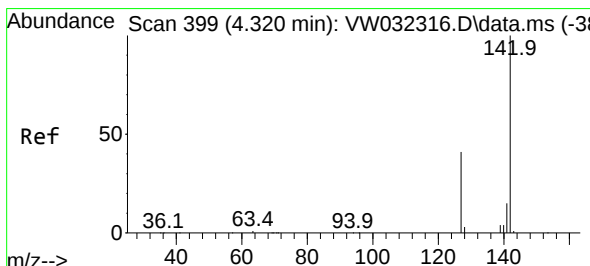
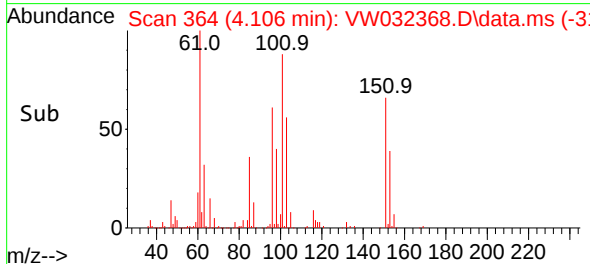
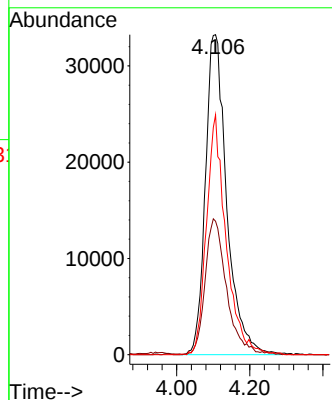
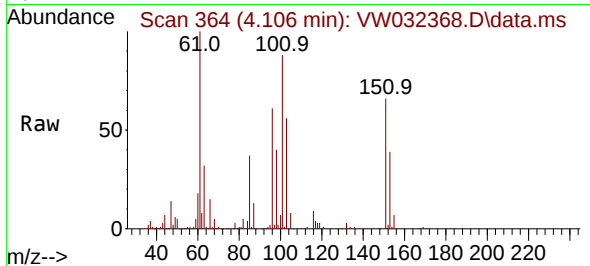




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.194 ug/l  
RT: 4.106 min Scan# 364  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

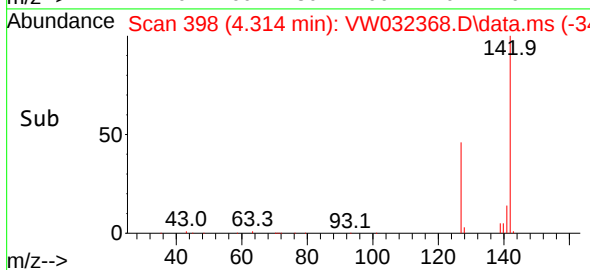
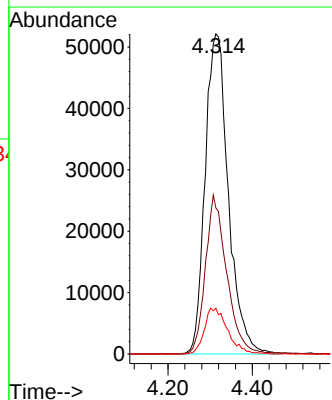
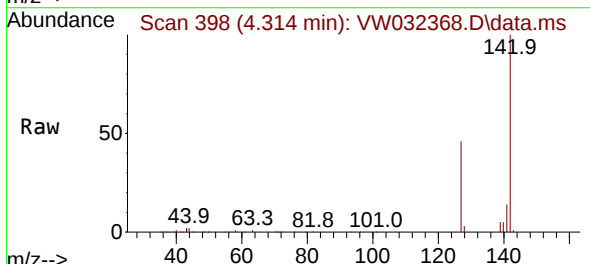
Instrument :  
MSVOA\_W  
ClientSampleId :

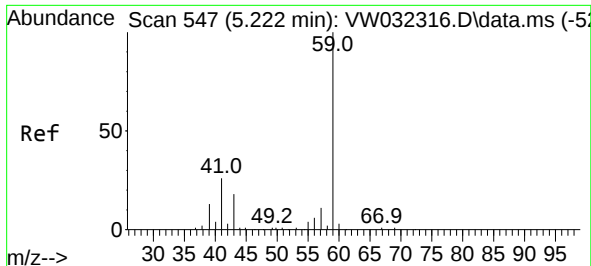
Tgt Ion:101 Resp: 134837  
Ion Ratio Lower Upper  
101 100  
85 42.8 37.1 55.7  
151 68.9 61.5 92.3



#10  
Methyl Iodide  
Concen: 52.030 ug/l  
RT: 4.314 min Scan# 398  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

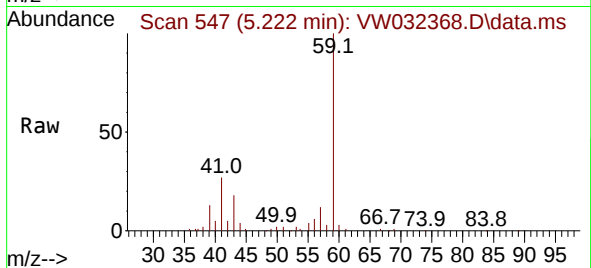
Tgt Ion:142 Resp: 199424  
Ion Ratio Lower Upper  
142 100  
127 45.7 38.2 57.2  
141 14.4 12.2 18.2



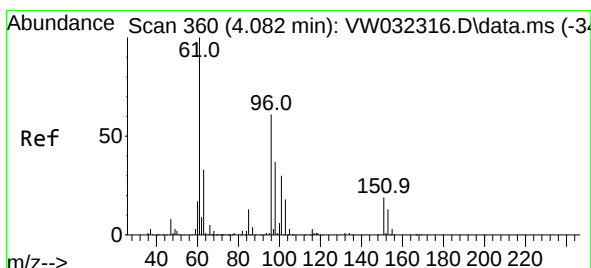
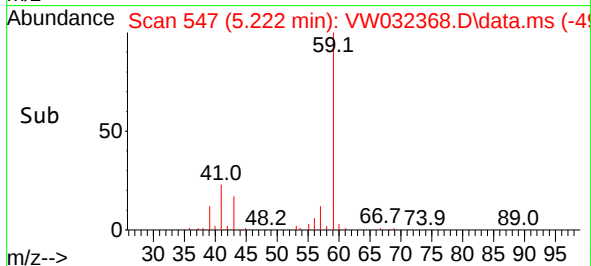
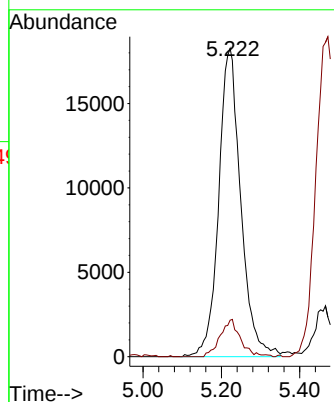


#11  
Tert butyl alcohol  
Concen: 250.424 ug/l  
RT: 5.222 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Instrument :  
MSVOA\_W  
ClientSampleId :

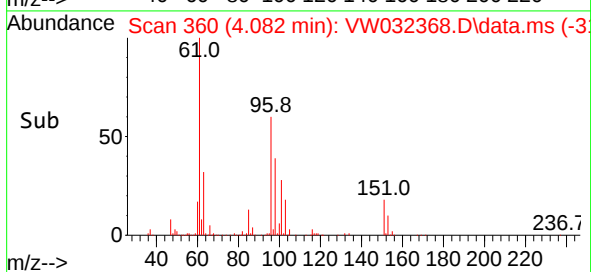
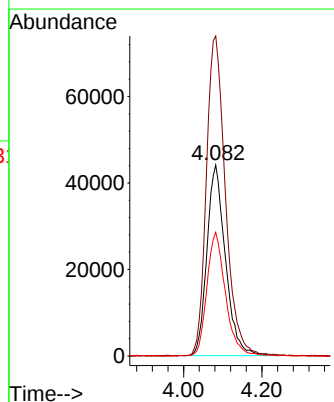
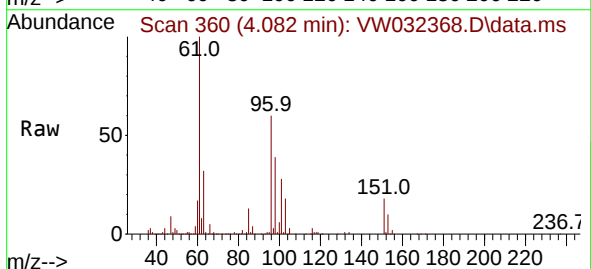


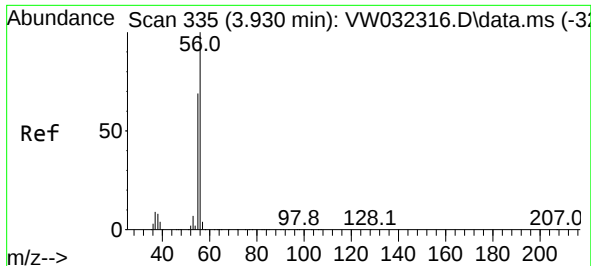
Tgt Ion: 59 Resp: 71542  
Ion Ratio Lower Upper  
59 100  
57 11.1 9.8 14.6



#12  
1,1-Dichloroethene  
Concen: 49.538 ug/l  
RT: 4.082 min Scan# 360  
Delta R.T. 0.006 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 96 Resp: 144471  
Ion Ratio Lower Upper  
96 100  
61 167.7 123.0 184.4  
98 64.7 48.5 72.7

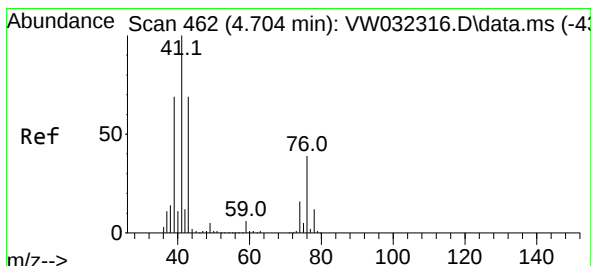
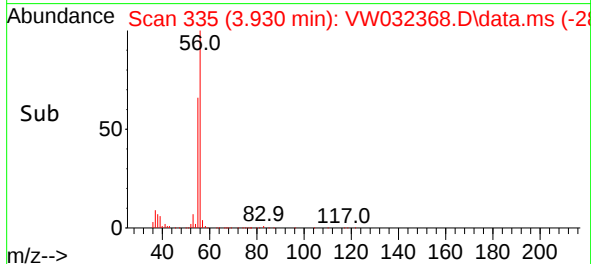
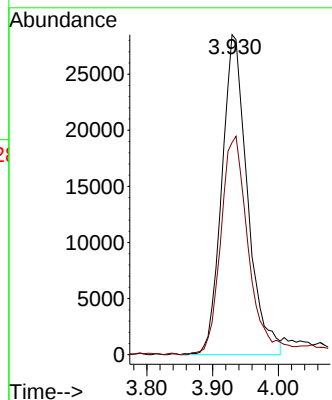
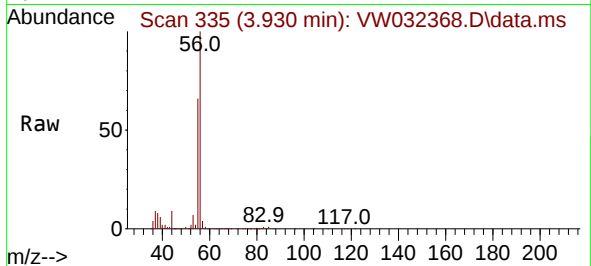




#13  
Acrolein  
Concen: 167.201 ug/l  
RT: 3.930 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

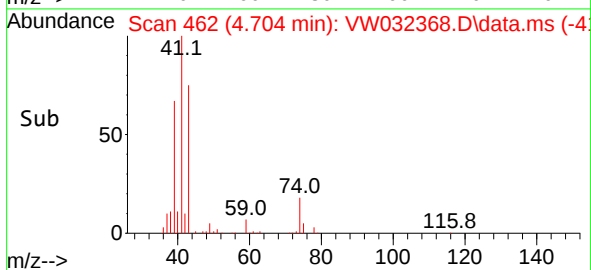
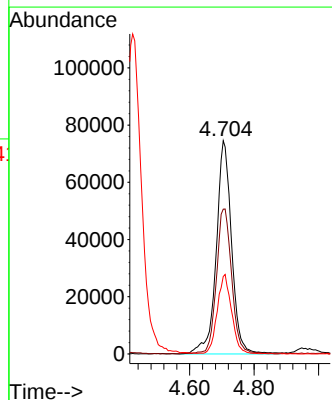
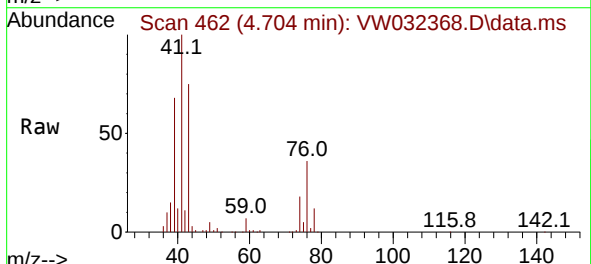
Instrument :  
MSVOA\_W  
ClientSampleId :

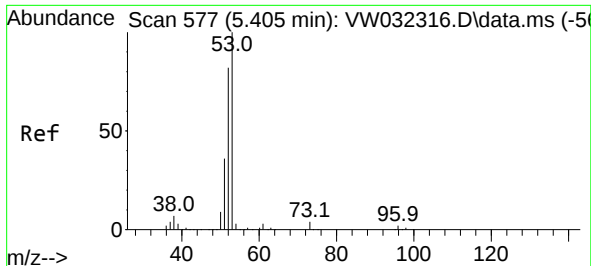
Tgt Ion: 56 Resp: 77523  
Ion Ratio Lower Upper  
56 100  
55 73.7 56.4 84.6



#14  
Allyl chloride  
Concen: 50.044 ug/l  
RT: 4.704 min Scan# 462  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

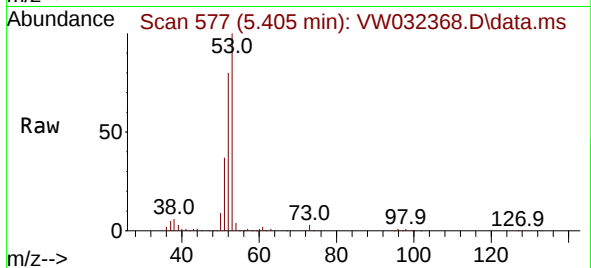
Tgt Ion: 41 Resp: 246508  
Ion Ratio Lower Upper  
41 100  
39 67.4 64.1 96.1  
76 34.4 31.4 47.2





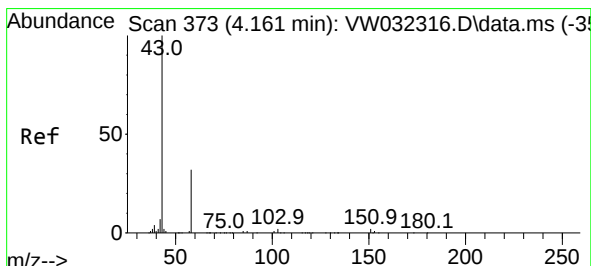
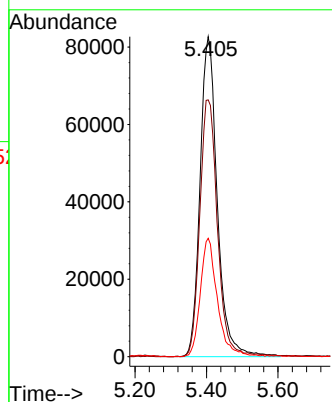
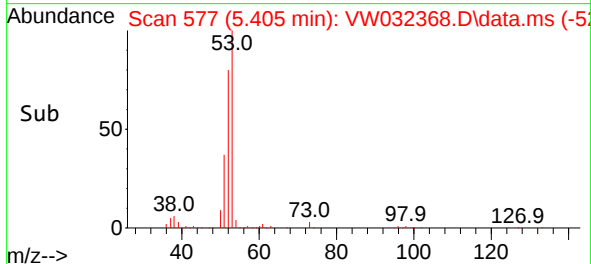
#15  
Acrylonitrile  
Concen: 273.801 ug/l  
RT: 5.405 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 53 Resp: 276437

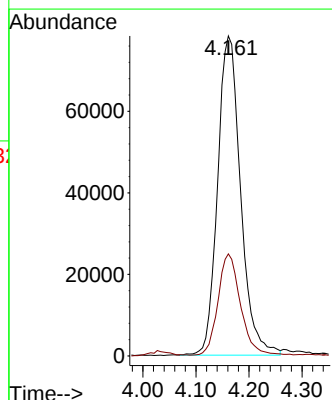
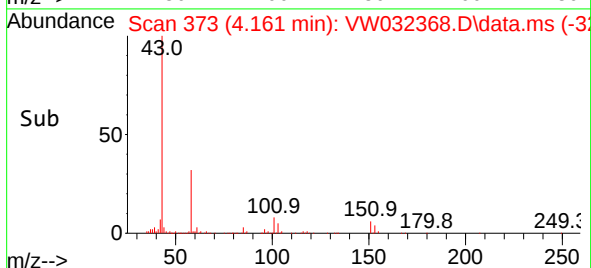
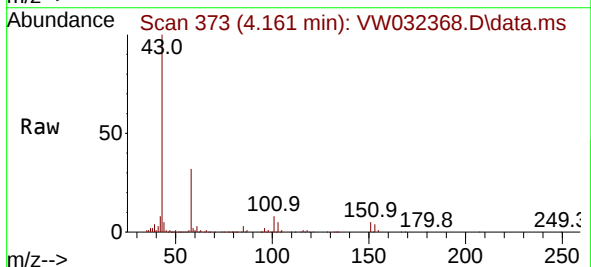
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.7  | 67.4  | 101.2 |
| 51  | 36.8  | 30.3  | 45.5  |

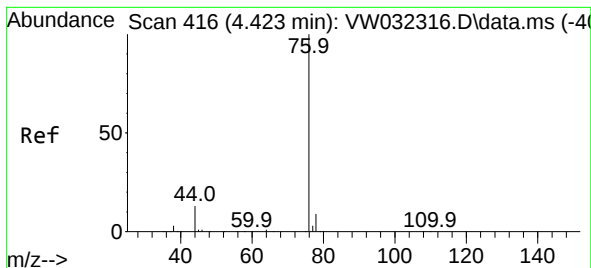


#16  
Acetone  
Concen: 225.339 ug/l  
RT: 4.161 min Scan# 373  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 43 Resp: 235493

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.6  | 25.3  | 37.9  |





#17

Carbon Disulfide

Concen: 49.035 ug/l

RT: 4.423 min Scan# 416

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

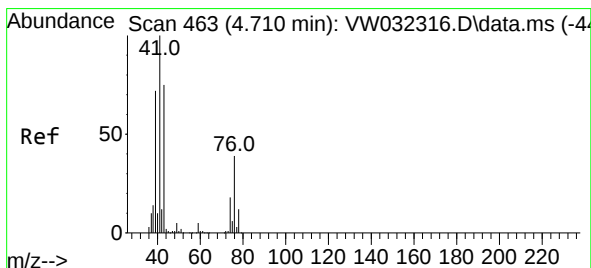
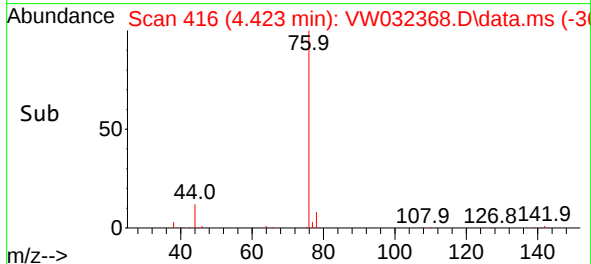
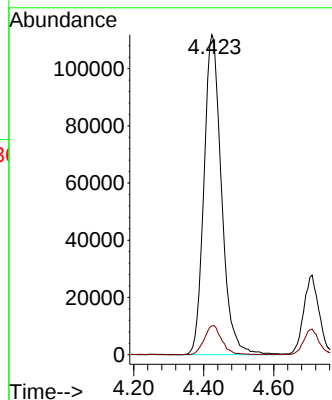
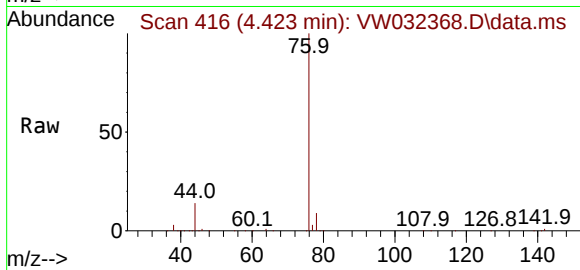
ClientSampleId :

Tgt Ion: 76 Resp: 390179

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#18

Methyl Acetate

Concen: 61.191 ug/l

RT: 4.710 min Scan# 463

Delta R.T. -0.000 min

Lab File: VW032368.D

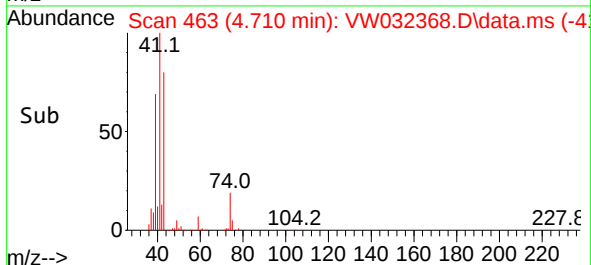
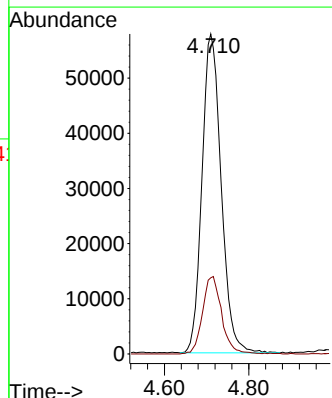
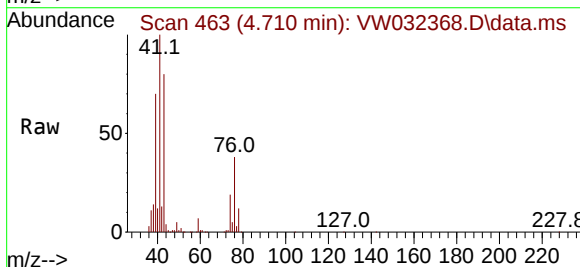
Acq: 06 Oct 2025 18:51

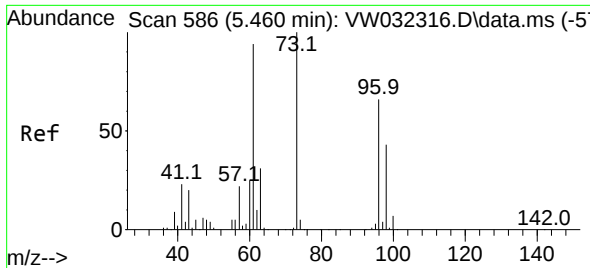
Tgt Ion: 43 Resp: 183186

Ion Ratio Lower Upper

43 100

74 24.1 20.2 30.4

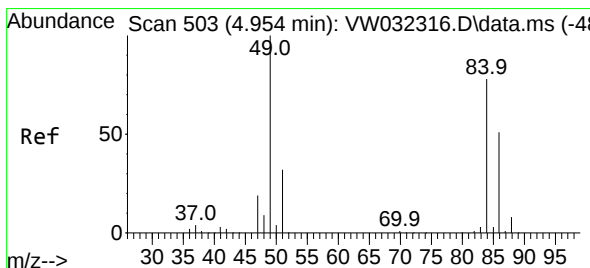
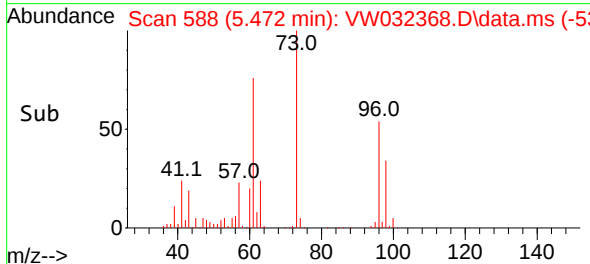
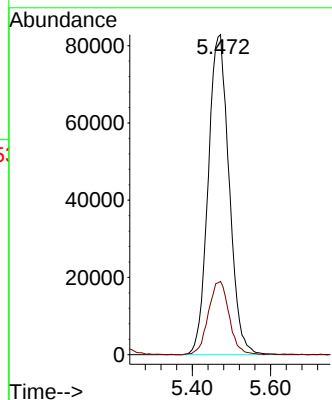
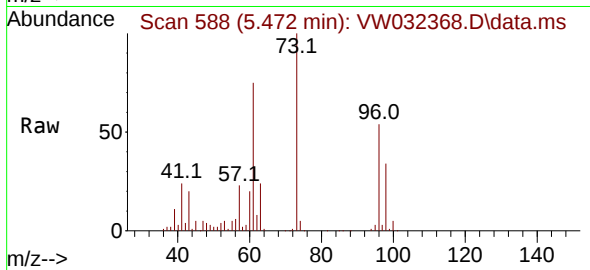




#19  
Methyl tert-butyl Ether  
Concen: 53.419 ug/l  
RT: 5.472 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

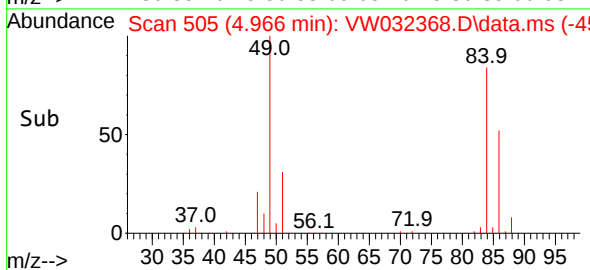
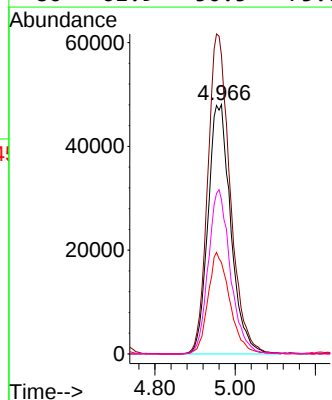
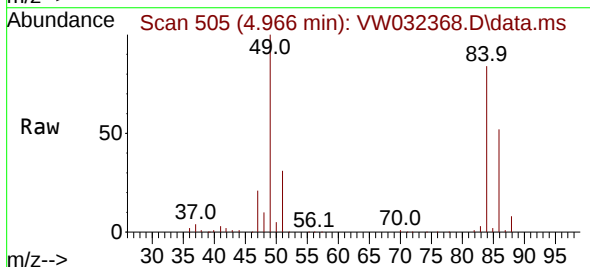
Instrument :  
MSVOA\_W  
ClientSampleId :

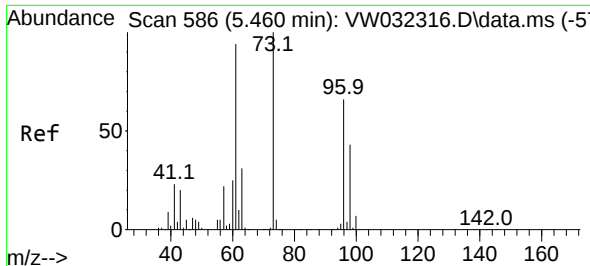
Tgt Ion: 73 Resp: 306838  
Ion Ratio Lower Upper  
73 100  
57 22.9 16.2 24.4



#20  
Methylene Chloride  
Concen: 55.303 ug/l  
RT: 4.966 min Scan# 505  
Delta R.T. 0.006 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 84 Resp: 189360  
Ion Ratio Lower Upper  
84 100  
49 119.7 92.2 138.4  
51 36.6 31.0 46.6  
86 61.9 50.5 75.7

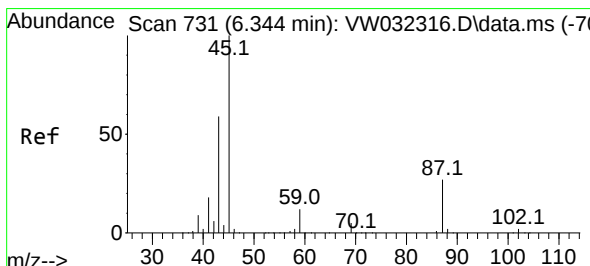
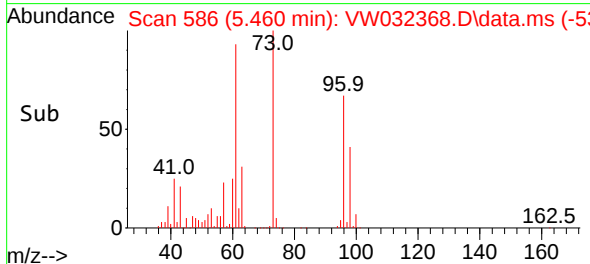
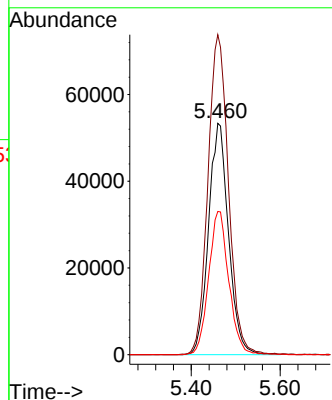
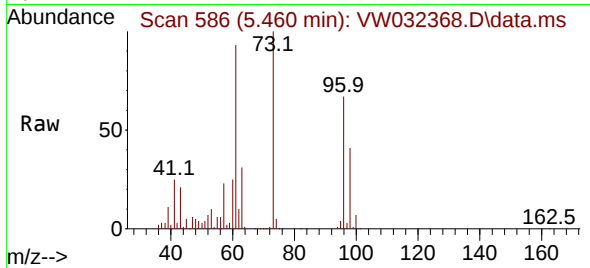




#21  
trans-1,2-Dichloroethene  
Concen: 51.654 ug/l  
RT: 5.460 min Scan# 586  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

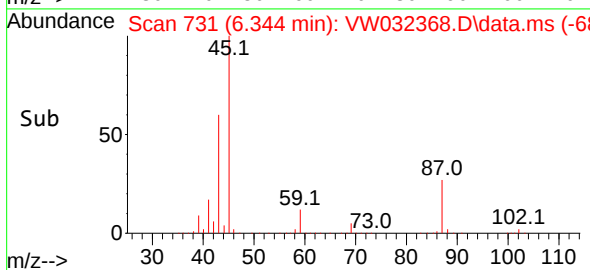
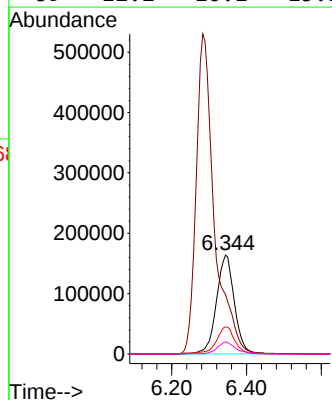
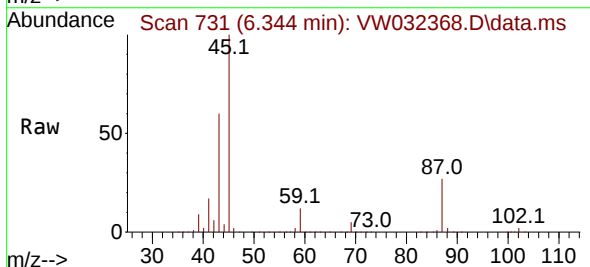
Instrument :  
MSVOA\_W  
ClientSampleId :

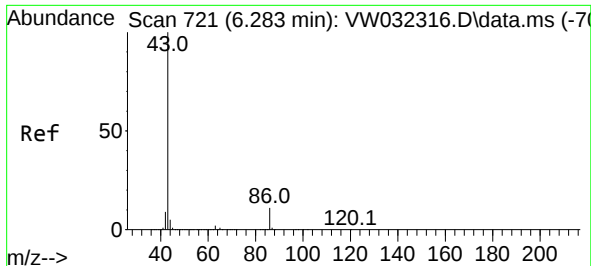
Tgt Ion: 96 Resp: 166779  
Ion Ratio Lower Upper  
96 100  
61 138.2 112.5 168.7  
98 61.9 54.2 81.4



#22  
Diisopropyl ether  
Concen: 53.106 ug/l  
RT: 6.344 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 45 Resp: 544025  
Ion Ratio Lower Upper  
45 100  
43 60.0 51.4 77.2  
87 27.3 25.9 38.9  
59 12.2 10.1 15.1

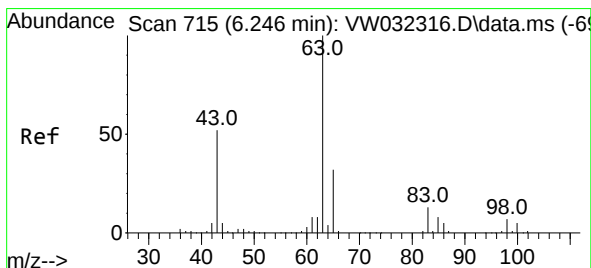
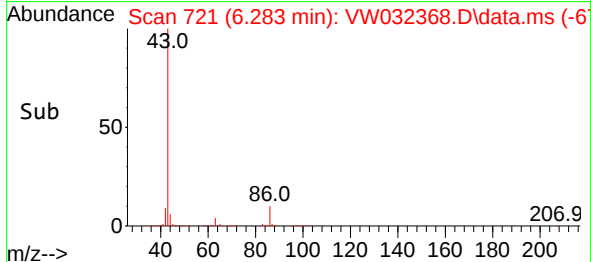
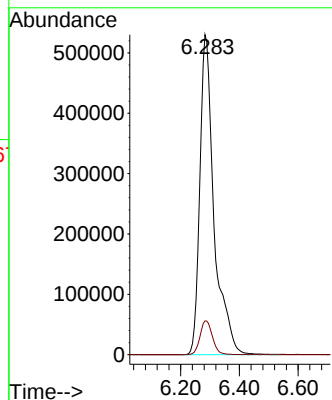
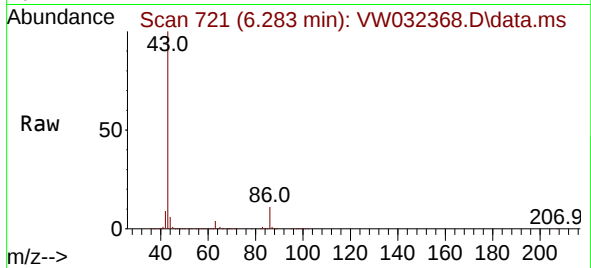




#23  
 Vinyl Acetate  
 Concen: 260.183 ug/l  
 RT: 6.283 min Scan# 716  
 Delta R.T. -0.000 min  
 Lab File: VW032368.D  
 Acq: 06 Oct 2025 18:51

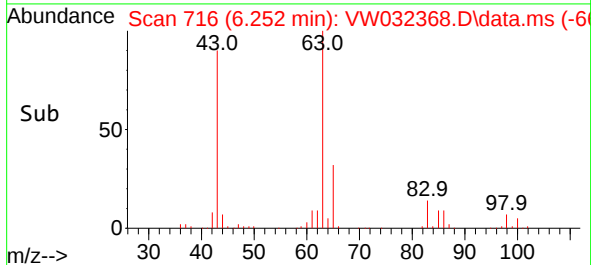
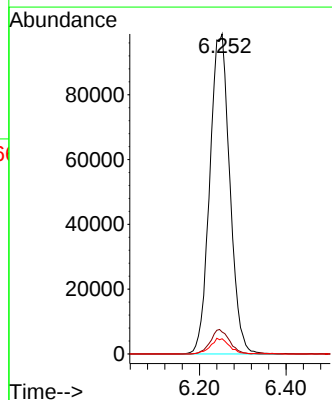
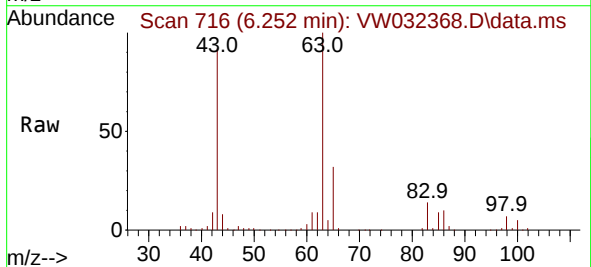
Instrument :  
 MSVOA\_W  
 ClientSampleId :

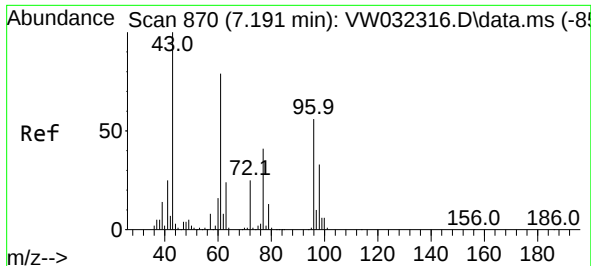
Tgt Ion: 43 Resp: 1780287  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.8 13.2



#24  
 1,1-Dichloroethane  
 Concen: 50.933 ug/l  
 RT: 6.252 min Scan# 716  
 Delta R.T. 0.006 min  
 Lab File: VW032368.D  
 Acq: 06 Oct 2025 18:51

Tgt Ion: 63 Resp: 316995  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.8 11.2  
 100 4.8 2.5 7.5

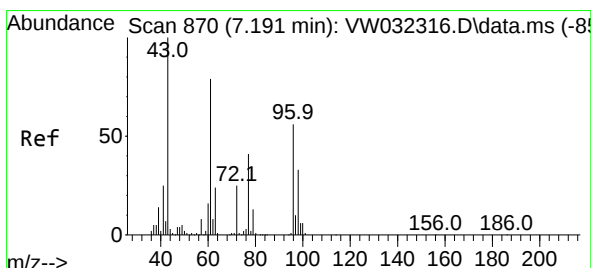
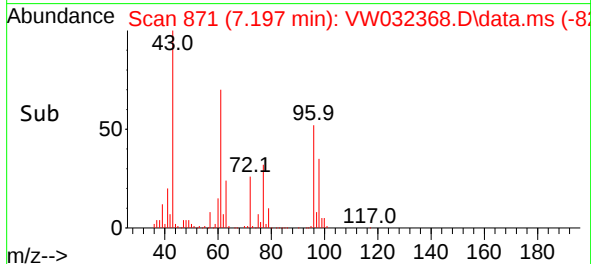
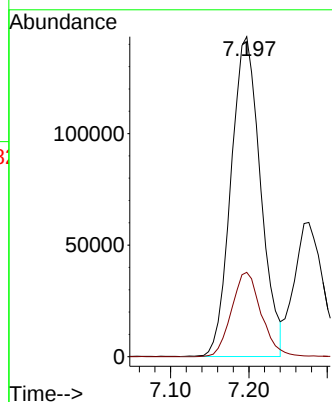
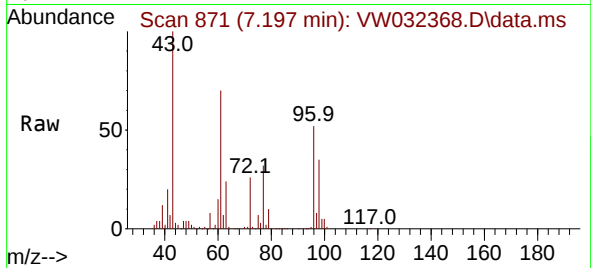




#25  
2-Butanone  
Concen: 264.007 ug/l  
RT: 7.197 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

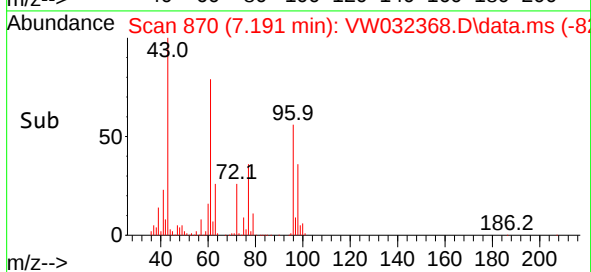
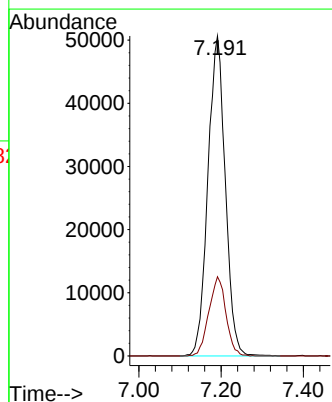
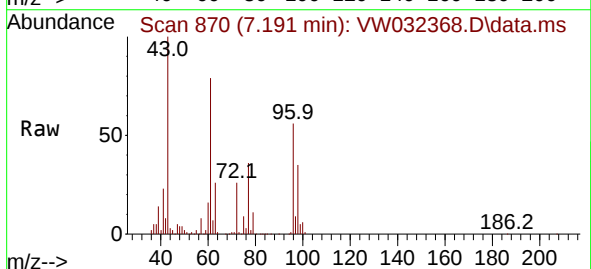
Instrument :  
MSVOA\_W  
ClientSampleId :

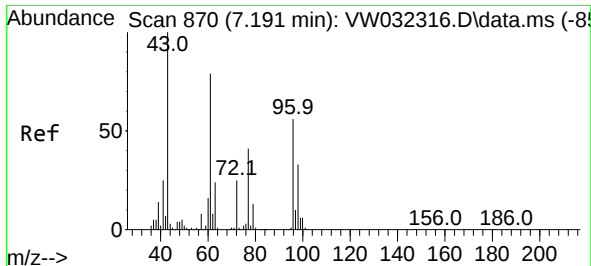
Tgt Ion: 43 Resp: 375766  
Ion Ratio Lower Upper  
43 100  
72 26.4 21.4 32.2



#26  
2,2-Dichloropropane  
Concen: 46.694 ug/l  
RT: 7.191 min Scan# 870  
Delta R.T. 0.006 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

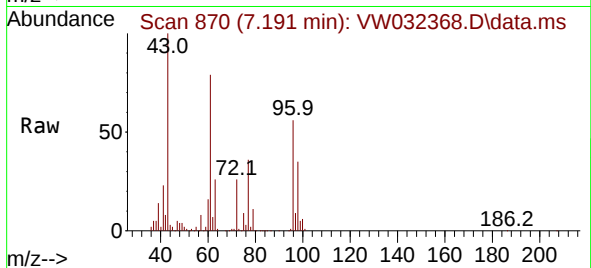
Tgt Ion: 77 Resp: 148653  
Ion Ratio Lower Upper  
77 100  
97 24.3 11.9 35.5



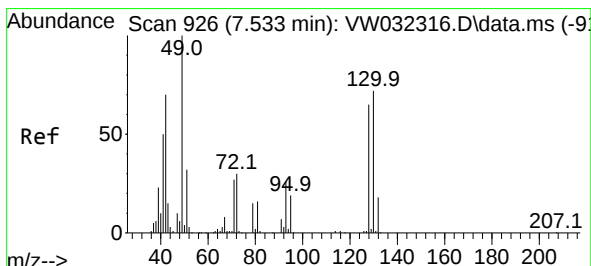
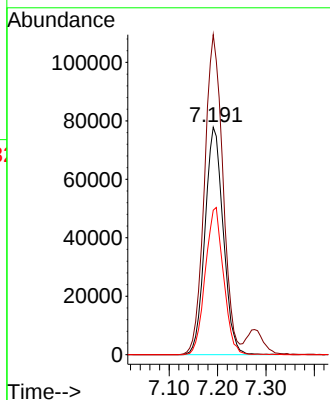
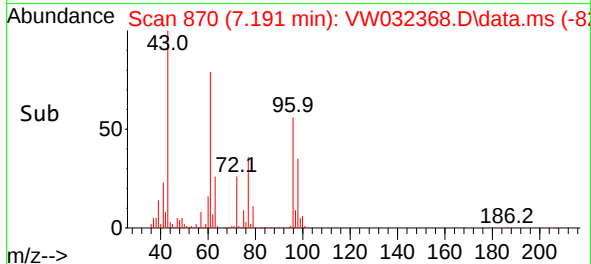


#27  
 cis-1,2-Dichloroethene  
 Concen: 52.706 ug/l  
 RT: 7.191 min Scan# 870  
 Delta R.T. -0.000 min  
 Lab File: VW032368.D  
 Acq: 06 Oct 2025 18:51

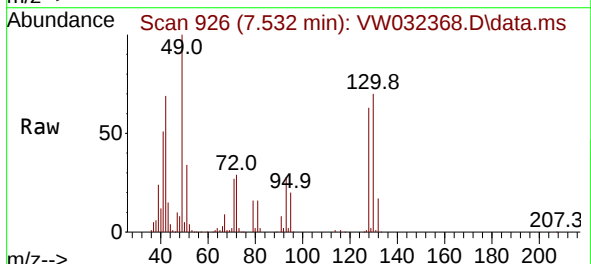
Instrument :  
 MSVOA\_W  
 ClientSampleId :



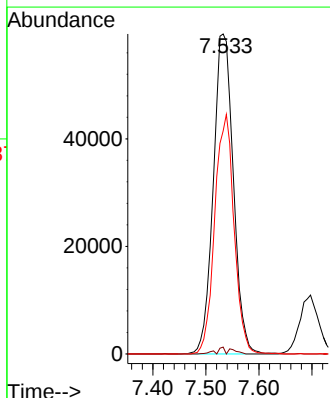
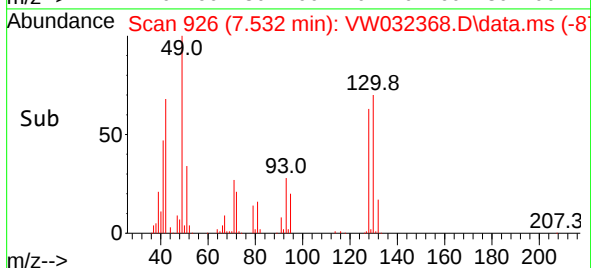
Tgt Ion: 96 Resp: 204440  
 Ion Ratio Lower Upper  
 96 100  
 61 141.7 0.0 268.0  
 98 64.4 0.0 130.8

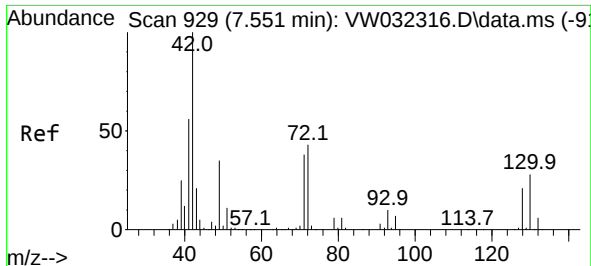


#28  
 Bromochloromethane  
 Concen: 53.449 ug/l  
 RT: 7.532 min Scan# 926  
 Delta R.T. -0.000 min  
 Lab File: VW032368.D  
 Acq: 06 Oct 2025 18:51



Tgt Ion: 49 Resp: 156507  
 Ion Ratio Lower Upper  
 49 100  
 129 0.9 0.0 4.2  
 130 0.0 67.5 101.3#

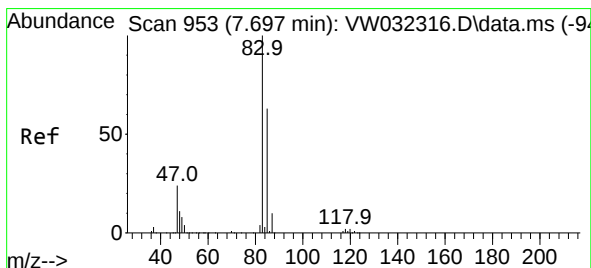
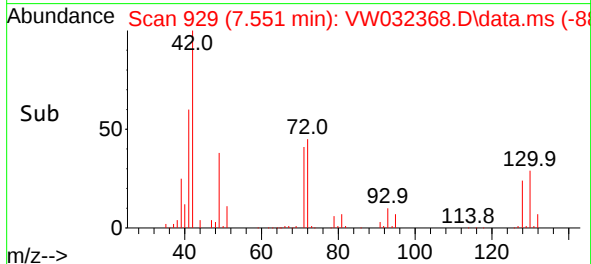
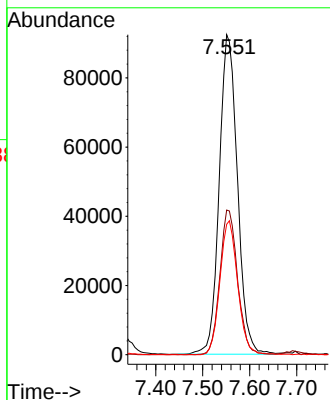
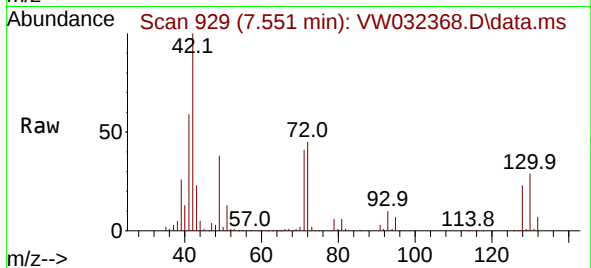




#29  
Tetrahydrofuran  
Concen: 278.527 ug/l  
RT: 7.551 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

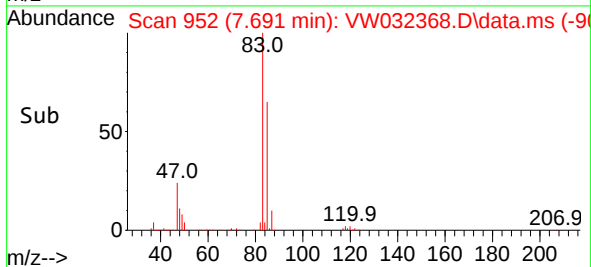
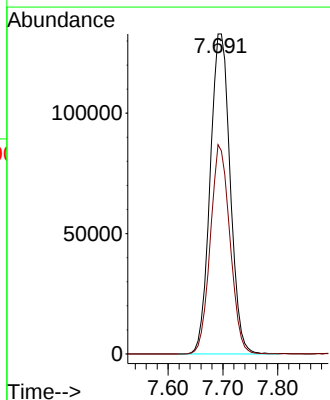
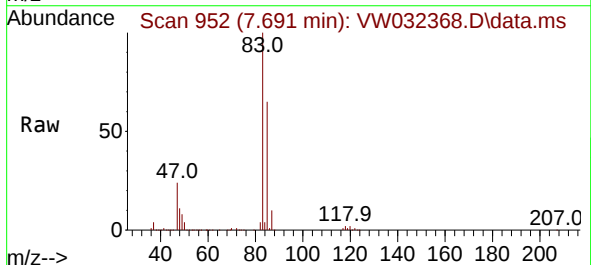
Instrument :  
MSVOA\_W  
ClientSampleId :

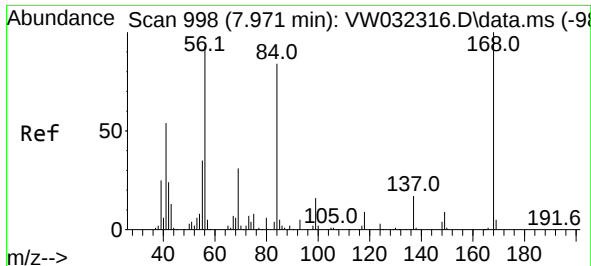
Tgt Ion: 42 Resp: 249304  
Ion Ratio Lower Upper  
42 100  
72 44.1 37.4 56.2  
71 40.8 36.0 54.0



#30  
Chloroform  
Concen: 53.381 ug/l  
RT: 7.691 min Scan# 952  
Delta R.T. -0.006 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 83 Resp: 336937  
Ion Ratio Lower Upper  
83 100  
85 65.4 51.2 76.8

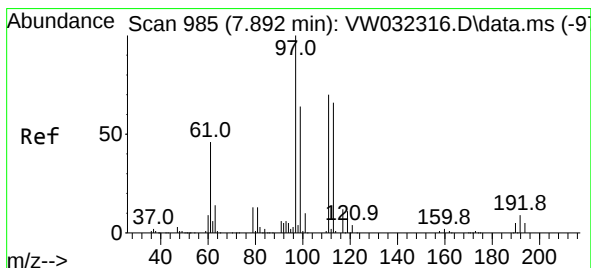
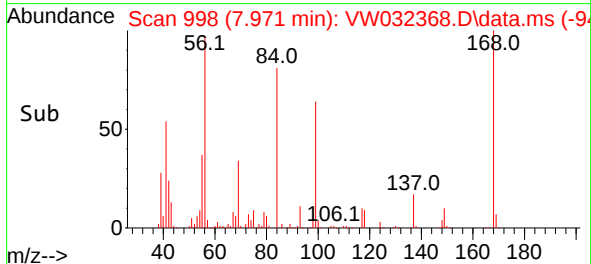
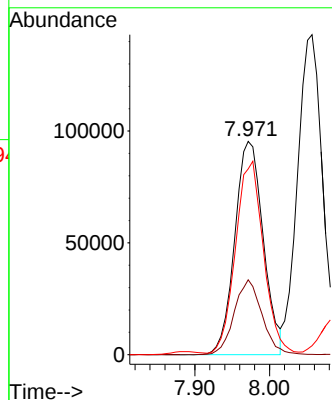
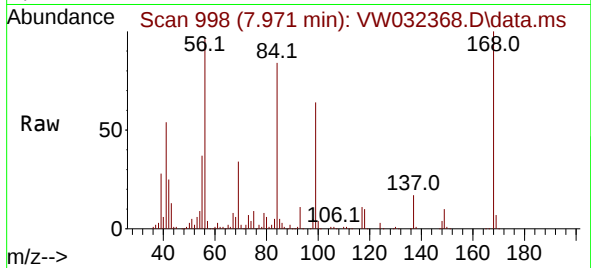




#31  
Cyclohexane  
Concen: 47.568 ug/l  
RT: 7.971 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

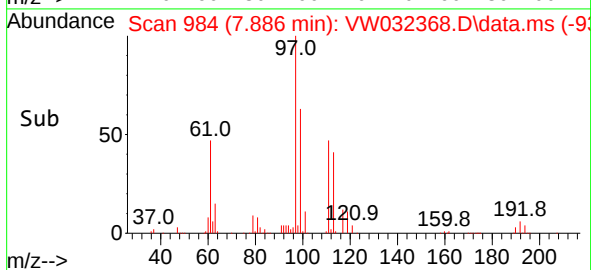
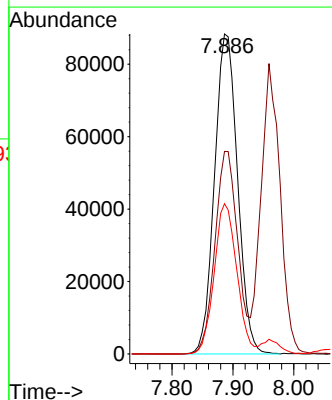
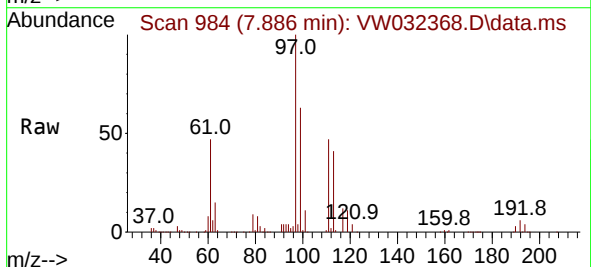
Instrument :  
MSVOA\_W  
ClientSampleId :

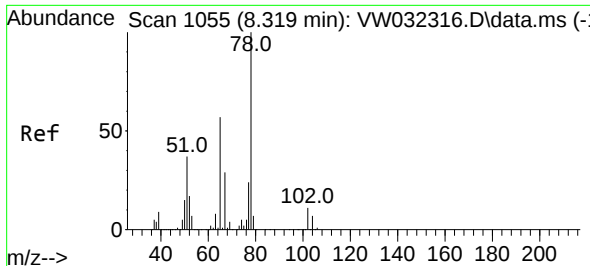
Tgt Ion: 56 Resp: 252742  
Ion Ratio Lower Upper  
56 100  
69 35.1 27.7 41.5  
84 85.7 74.6 112.0



#32  
1,1,1-Trichloroethane  
Concen: 51.910 ug/l  
RT: 7.886 min Scan# 984  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 97 Resp: 232182  
Ion Ratio Lower Upper  
97 100  
99 63.1 50.9 76.3  
61 46.1 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 53.066 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

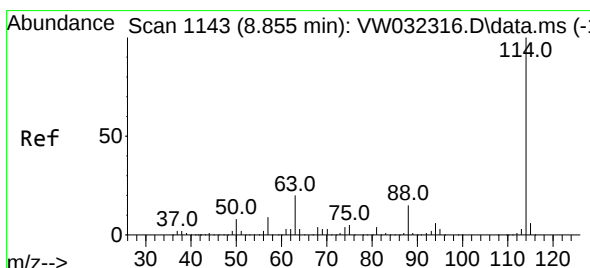
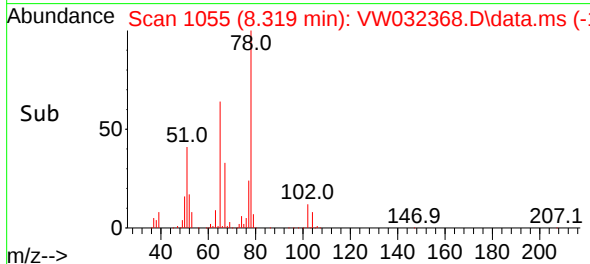
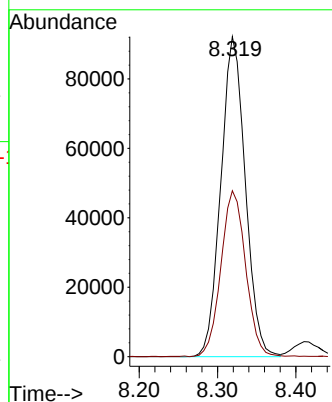
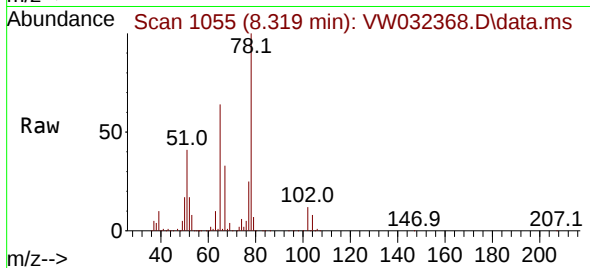
ClientSampleId :

Tgt Ion: 65 Resp: 200284

Ion Ratio Lower Upper

65 100

67 52.5 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

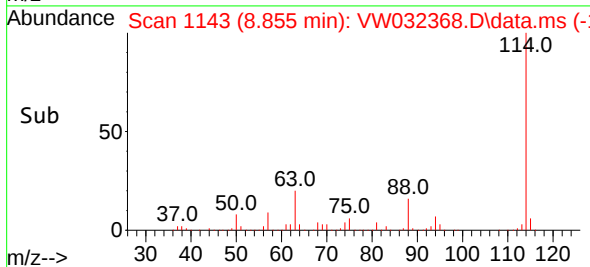
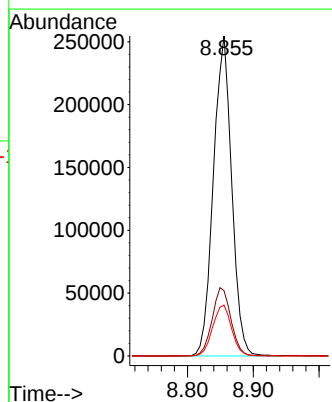
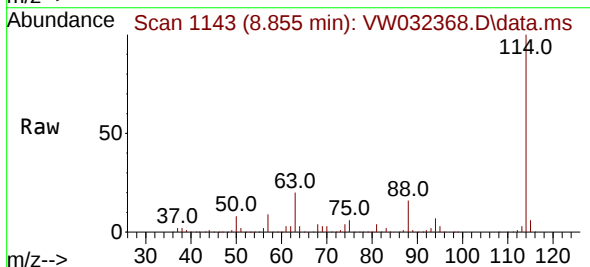
Tgt Ion: 114 Resp: 493275

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.4

88 15.9 0.0 32.0

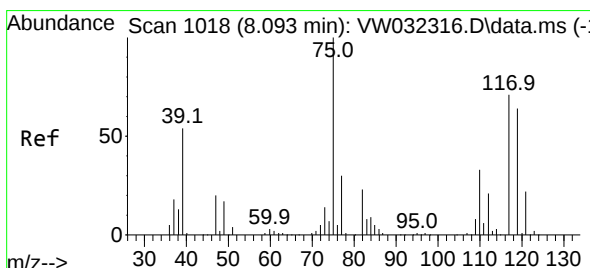
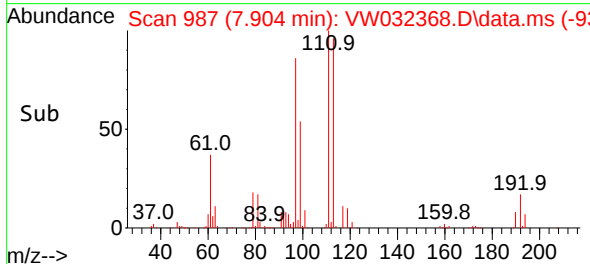
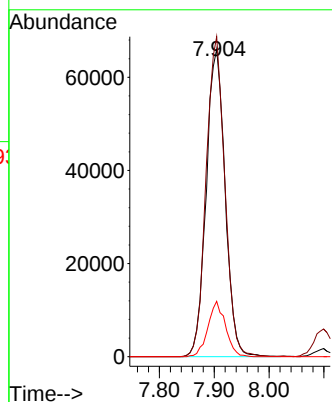
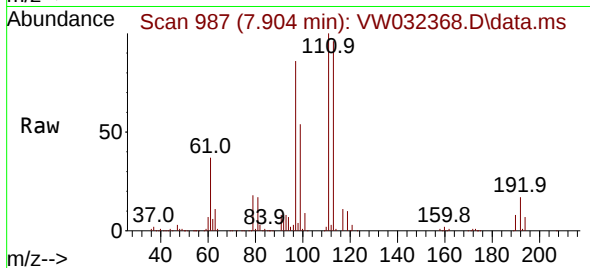




#35  
Dibromofluoromethane  
Concen: 49.476 ug/l  
RT: 7.904 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

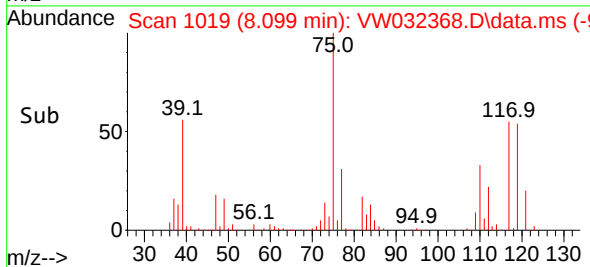
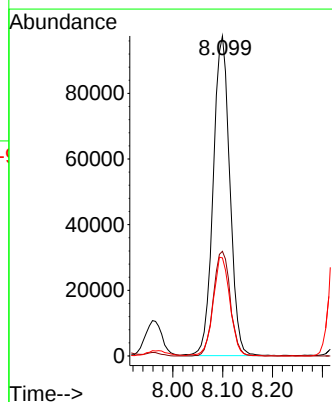
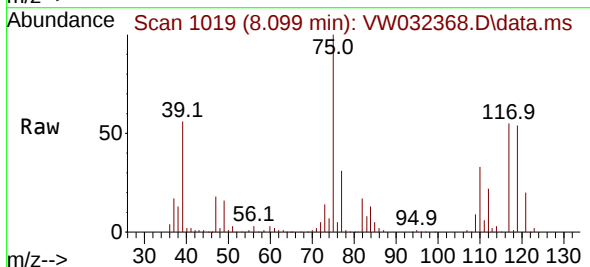
Instrument :  
MSVOA\_W  
ClientSampleId :

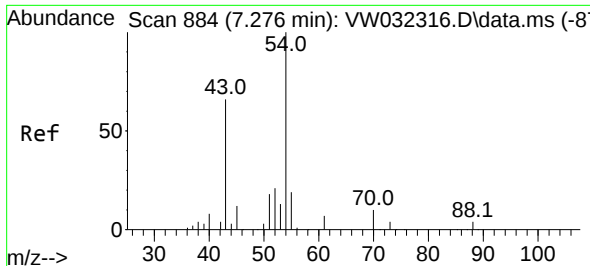
Tgt Ion:113 Resp: 158050  
Ion Ratio Lower Upper  
113 100  
111 102.7 83.9 125.9  
192 16.7 14.6 21.8



#36  
1,1-Dichloropropene  
Concen: 49.989 ug/l  
RT: 8.099 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 75 Resp: 225371  
Ion Ratio Lower Upper  
75 100  
110 33.4 17.5 52.5  
77 31.4 24.1 36.1

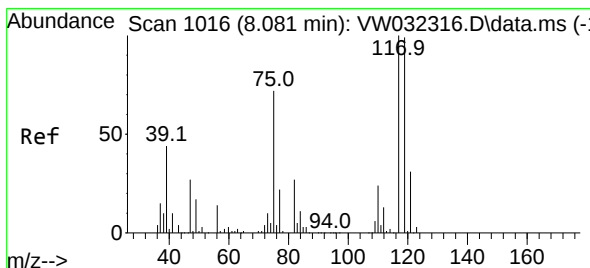
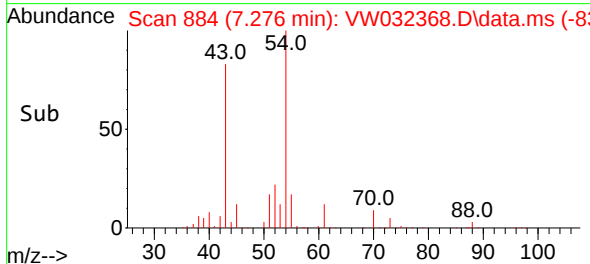
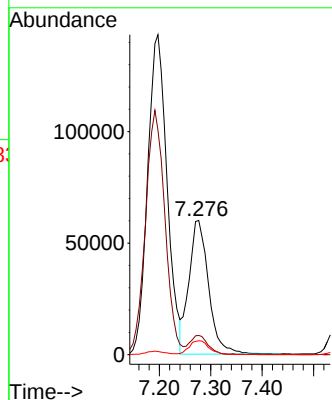
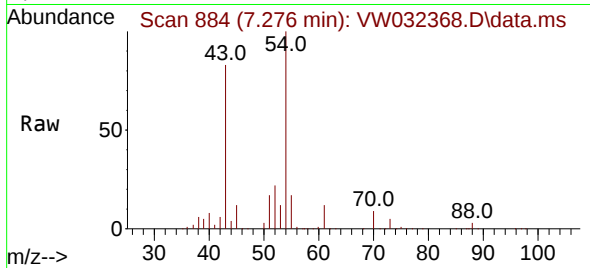




#37  
Ethyl Acetate  
Concen: 53.251 ug/l  
RT: 7.276 min Scan# 884  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

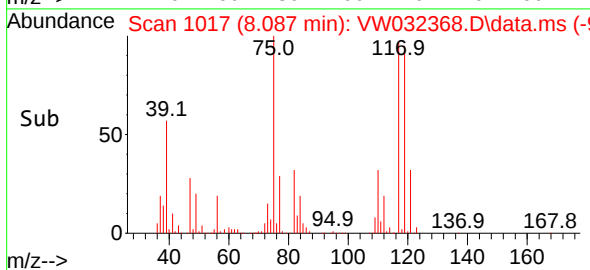
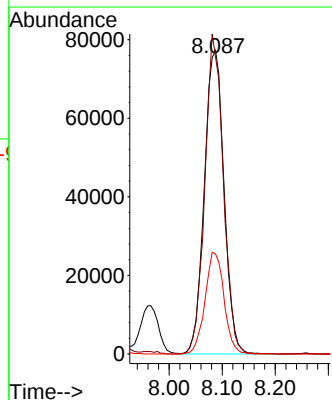
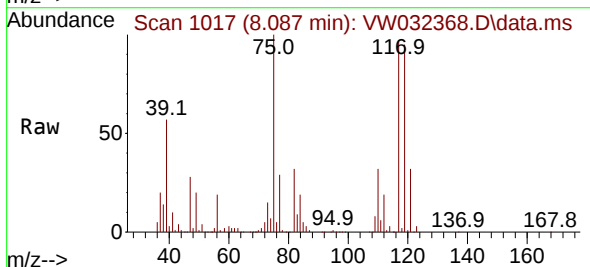
Instrument :  
MSVOA\_W  
ClientSampleId :

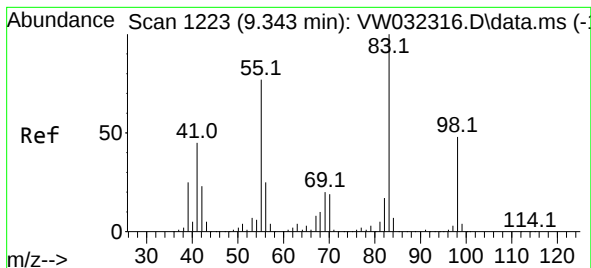
Tgt Ion: 43 Resp: 159798  
Ion Ratio Lower Upper  
43 100  
61 13.6 11.3 16.9  
70 10.5 8.9 13.3



#38  
Carbon Tetrachloride  
Concen: 47.063 ug/l  
RT: 8.087 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 117 Resp: 199664  
Ion Ratio Lower Upper  
117 100  
119 97.7 74.2 111.2  
121 33.0 25.6 38.4





#39

Methylcyclohexane

Concen: 49.792 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

ClientSampleId :

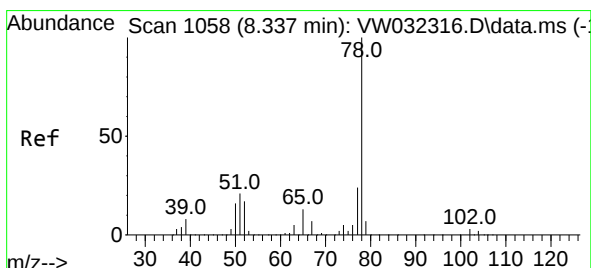
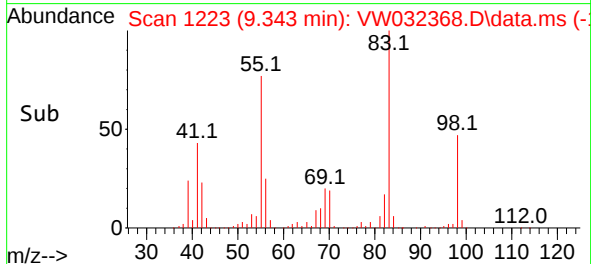
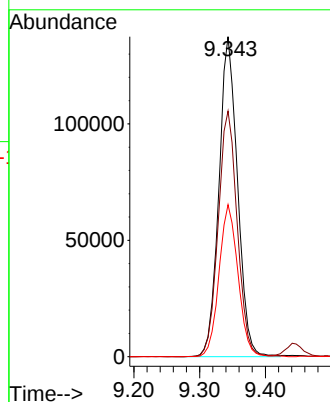
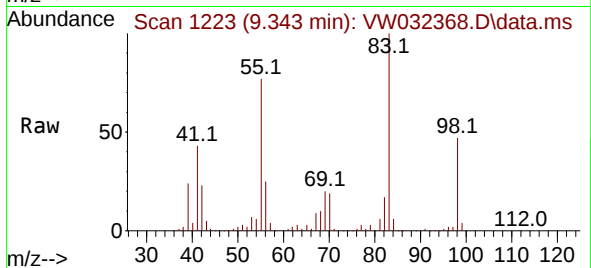
Tgt Ion: 83 Resp: 270775

Ion Ratio Lower Upper

83 100

55 76.8 58.4 87.6

98 47.5 39.4 59.2



#40

Benzene

Concen: 50.482 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032368.D

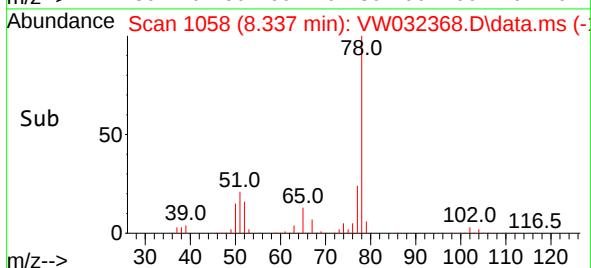
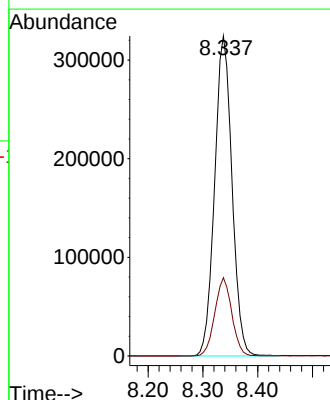
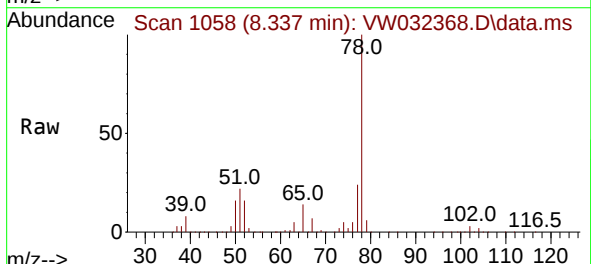
Acq: 06 Oct 2025 18:51

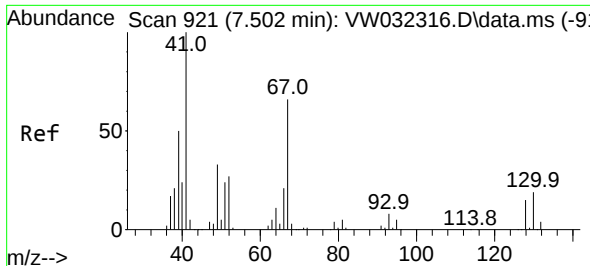
Tgt Ion: 78 Resp: 713380

Ion Ratio Lower Upper

78 100

77 24.4 20.7 31.1

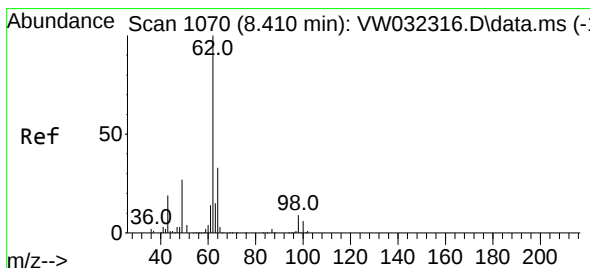
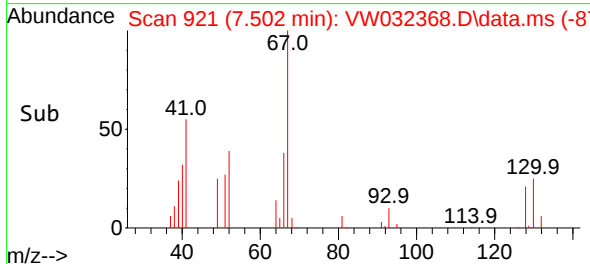
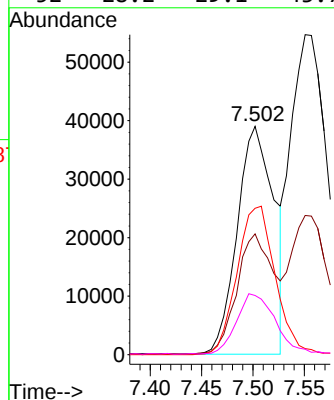
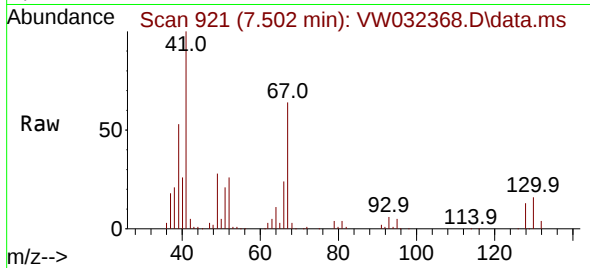




#41  
Methacrylonitrile  
Concen: 59.887 ug/l  
RT: 7.502 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

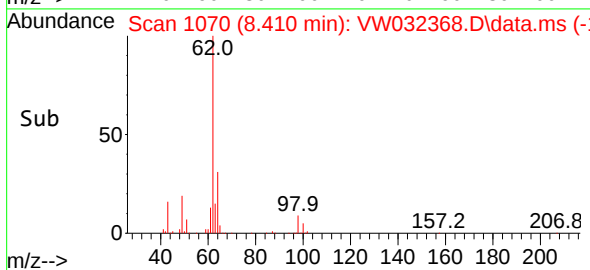
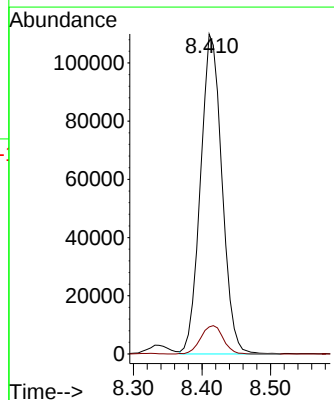
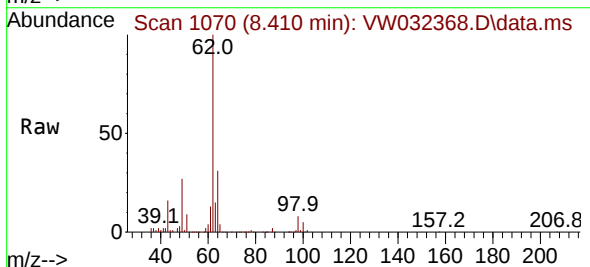
Instrument :  
MSVOA\_W  
ClientSampleId :

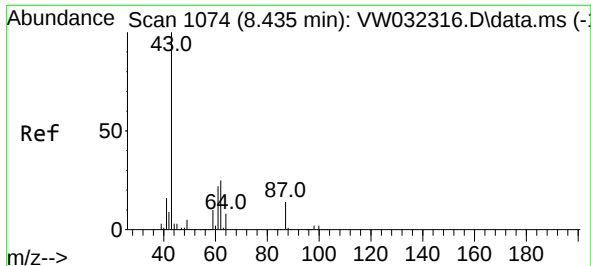
Tgt Ion: 41 Resp: 96850  
Ion Ratio Lower Upper  
41 100  
39 52.8 50.9 76.3  
67 68.2 65.6 98.4  
52 28.2 29.1 43.7#



#42  
1,2-Dichloroethane  
Concen: 51.829 ug/l  
RT: 8.410 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 62 Resp: 239651  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 18.0

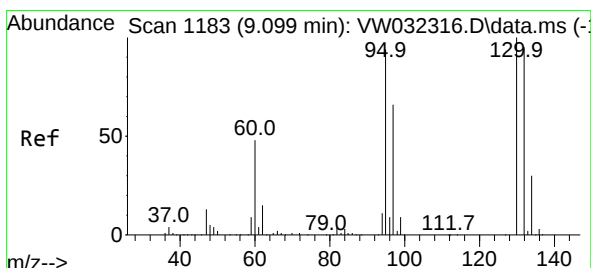
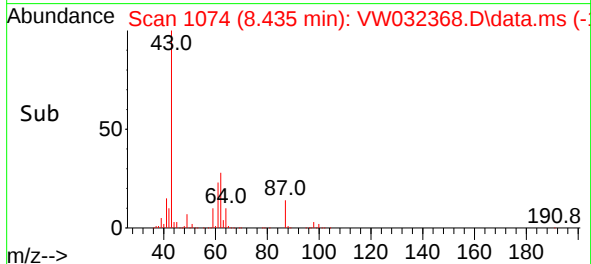
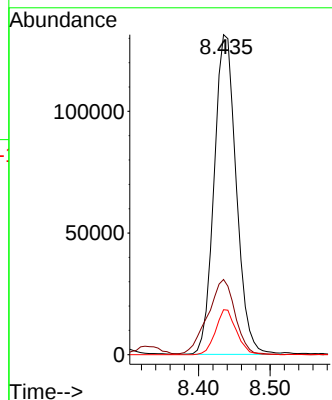
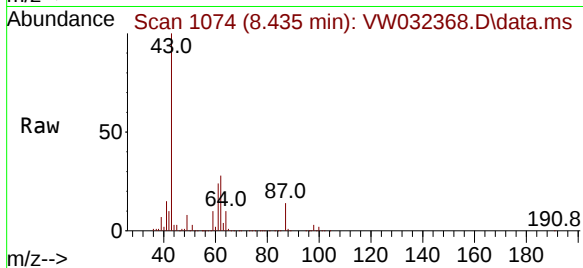




#43  
Isopropyl Acetate  
Concen: 53.105 ug/l  
RT: 8.435 min Scan# 1107  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

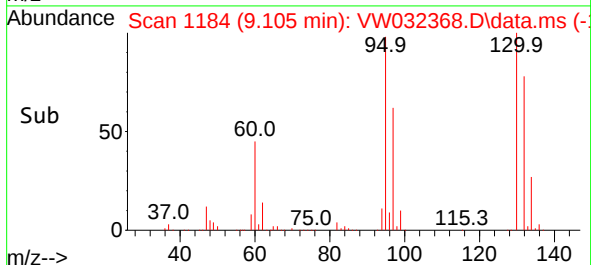
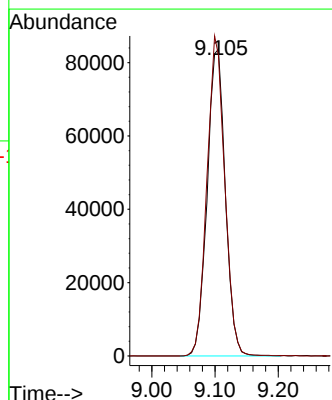
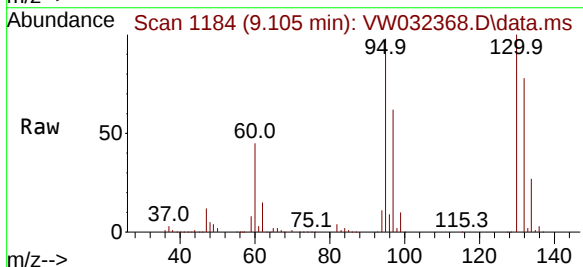
Instrument :  
MSVOA\_W  
ClientSampleId :

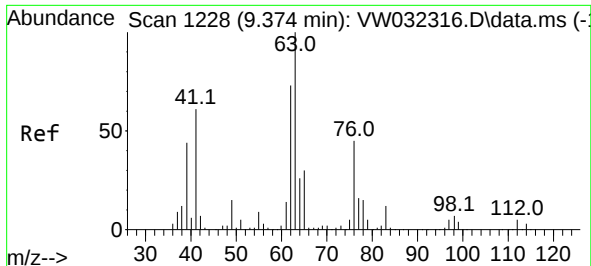
Tgt Ion: 43 Resp: 282698  
Ion Ratio Lower Upper  
43 100  
61 29.0 23.3 34.9  
87 13.3 11.1 16.7



#44  
Trichloroethene  
Concen: 50.473 ug/l  
RT: 9.105 min Scan# 1184  
Delta R.T. 0.006 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion:130 Resp: 167007  
Ion Ratio Lower Upper  
130 100  
95 97.9 0.0 220.0





#45

1,2-Dichloropropane

Concen: 51.070 ug/l

RT: 9.380 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

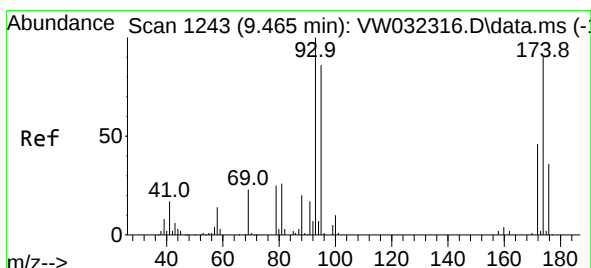
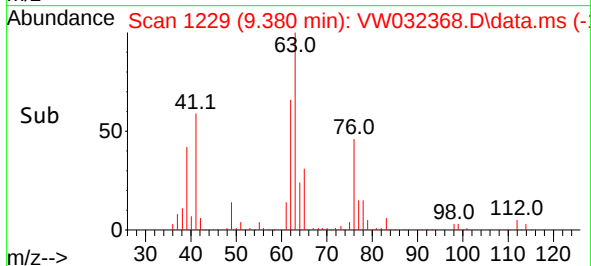
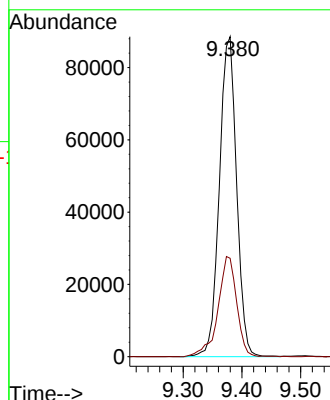
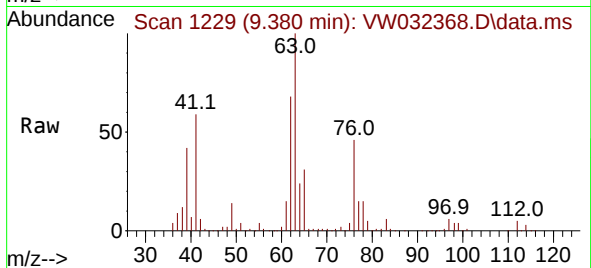
ClientSampleId :

Tgt Ion: 63 Resp: 180137

Ion Ratio Lower Upper

63 100

65 30.8 24.3 36.5



#46

Dibromomethane

Concen: 53.109 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

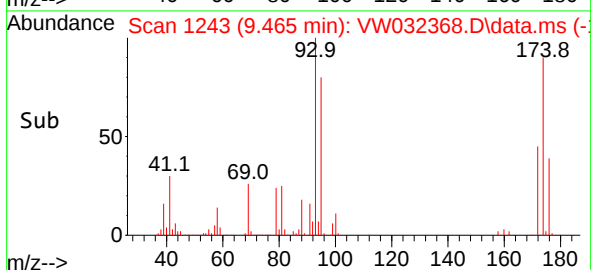
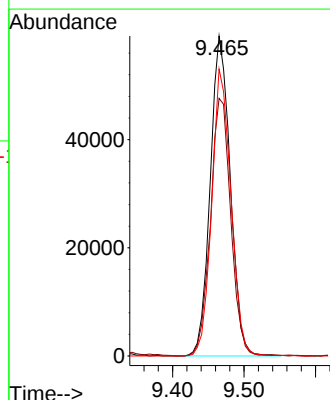
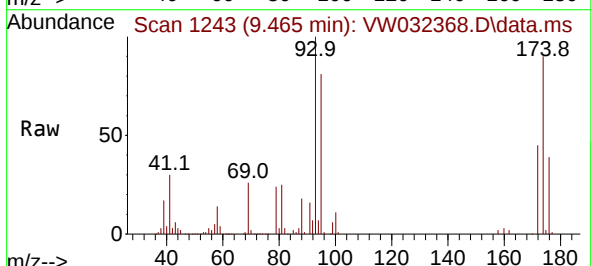
Tgt Ion: 93 Resp: 115191

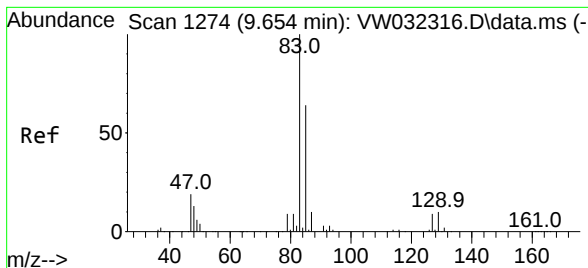
Ion Ratio Lower Upper

93 100

95 82.0 67.4 101.2

174 86.3 75.7 113.5





#47

Bromodichloromethane

Concen: 51.370 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

ClientSampleId :

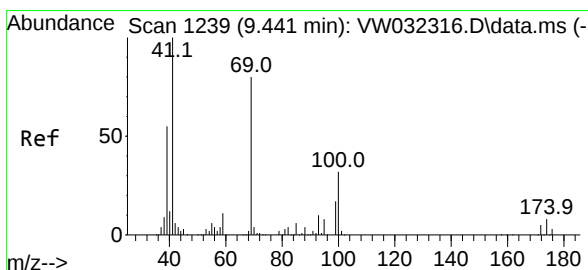
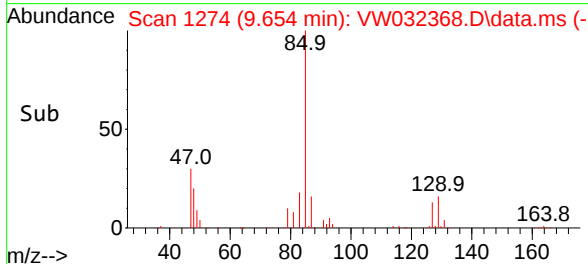
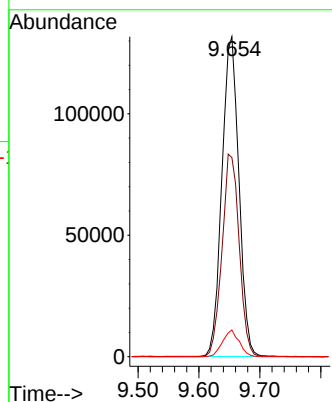
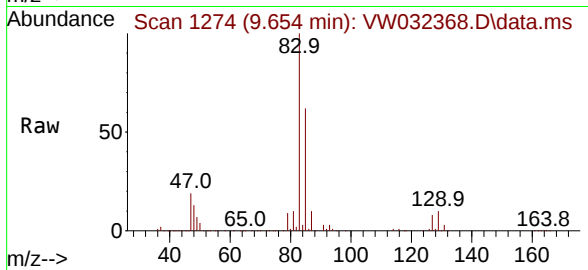
Tgt Ion: 83 Resp: 254843

Ion Ratio Lower Upper

83 100

85 62.3 48.7 73.1

127 8.4 6.4 9.6



#48

Methyl methacrylate

Concen: 55.001 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

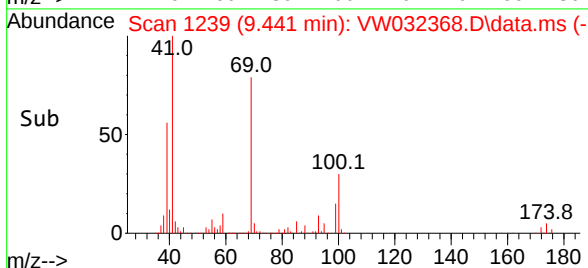
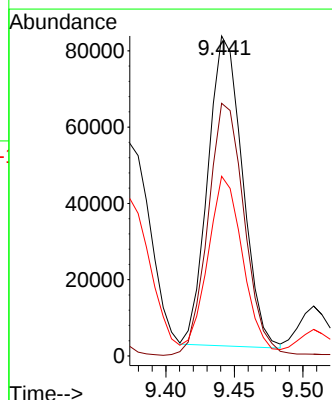
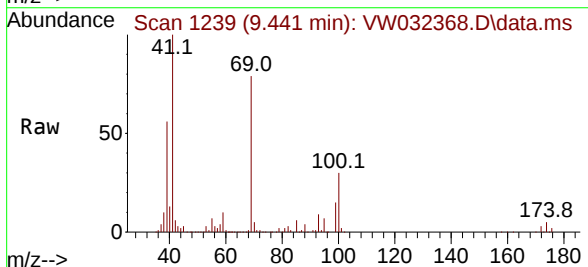
Tgt Ion: 41 Resp: 142356

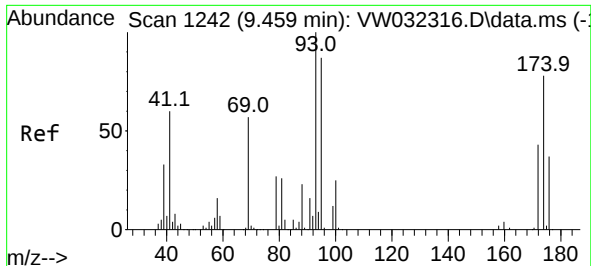
Ion Ratio Lower Upper

41 100

69 86.3 71.5 107.3

39 59.5 55.9 83.9





#49

1,4-Dioxane

Concen: 1135.344 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

ClientSampleId :

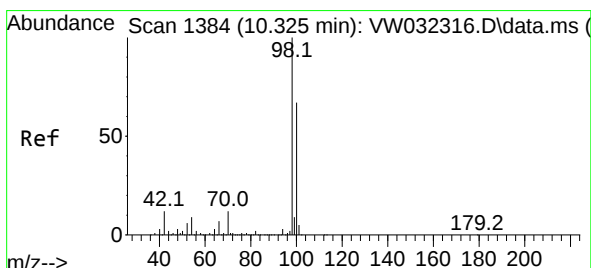
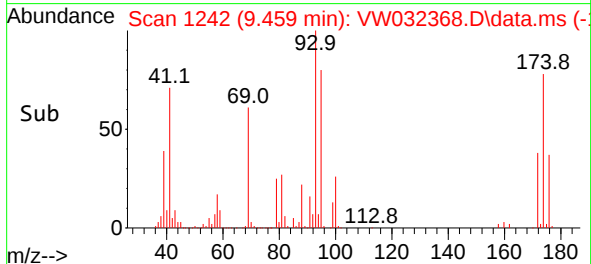
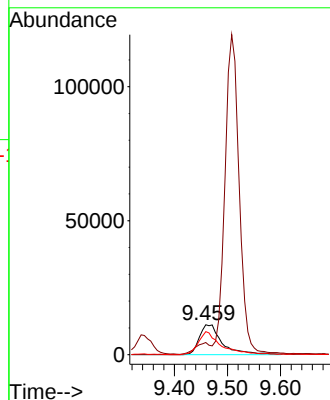
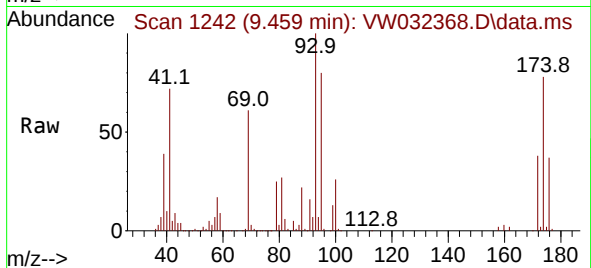
Tgt Ion: 88 Resp: 33658

Ion Ratio Lower Upper

88 100

43 26.6 18.0 27.0

58 76.2 55.4 83.0



#50

Toluene-d8

Concen: 50.098 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032368.D

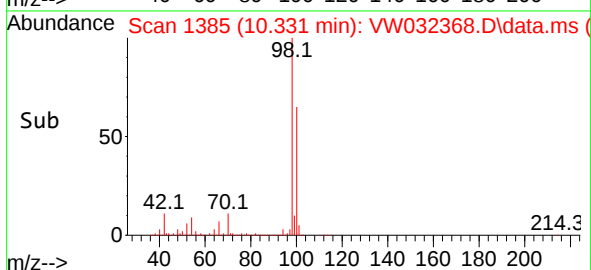
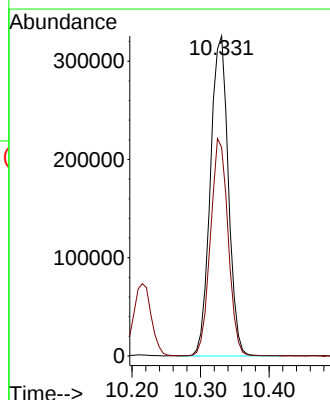
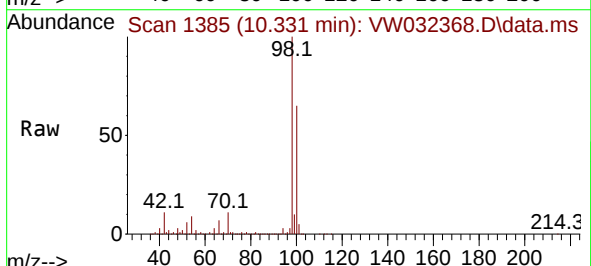
Acq: 06 Oct 2025 18:51

Tgt Ion: 98 Resp: 590669

Ion Ratio Lower Upper

98 100

100 67.0 51.4 77.2

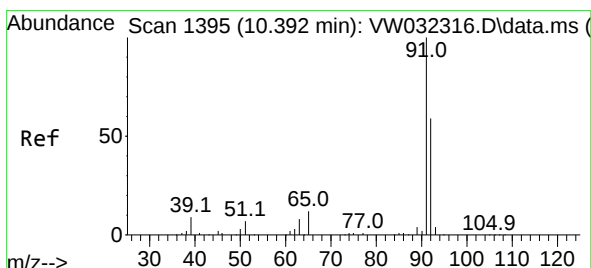
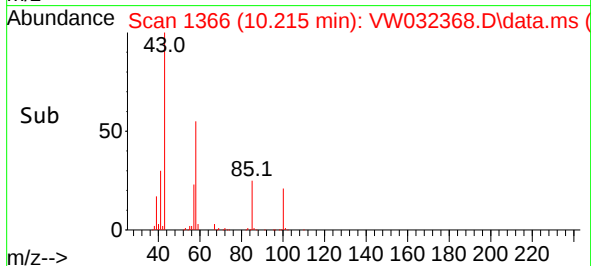
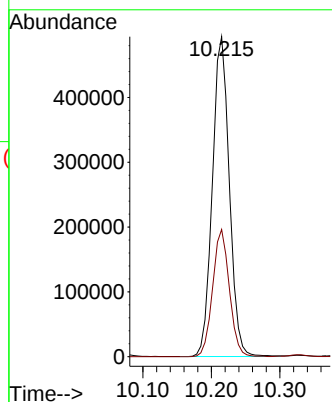
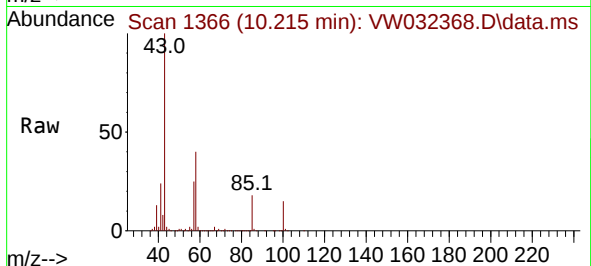




#51  
4-Methyl-2-Pentanone  
Concen: 274.943 ug/l  
RT: 10.215 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

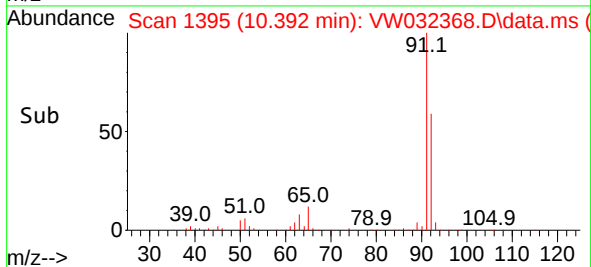
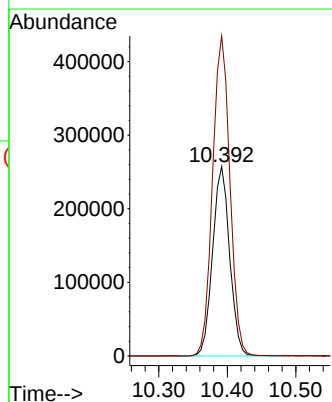
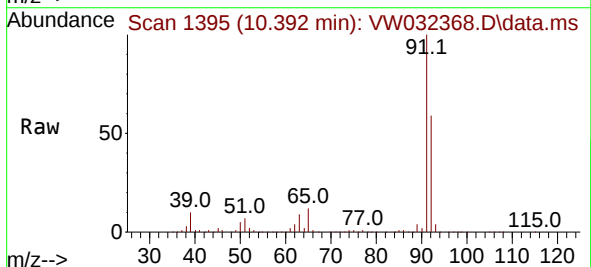
Instrument :  
MSVOA\_W  
ClientSampleId :

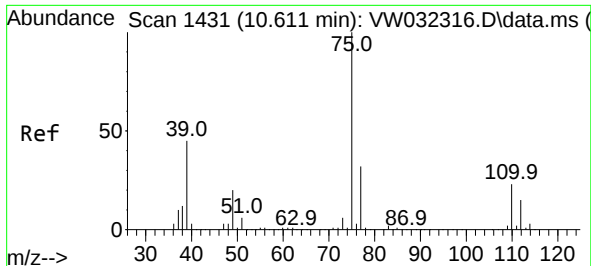
Tgt Ion: 43 Resp: 847738  
Ion Ratio Lower Upper  
43 100  
58 39.2 32.0 48.0



#52  
Toluene  
Concen: 50.437 ug/l  
RT: 10.392 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 92 Resp: 443854  
Ion Ratio Lower Upper  
92 100  
91 172.1 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 50.454 ug/l

RT: 10.611 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

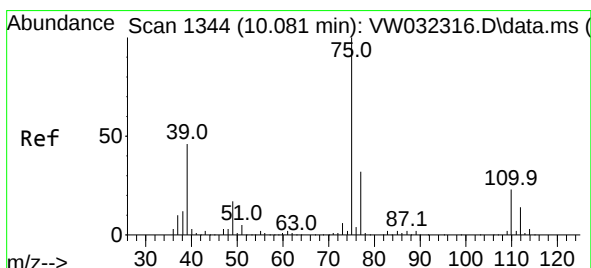
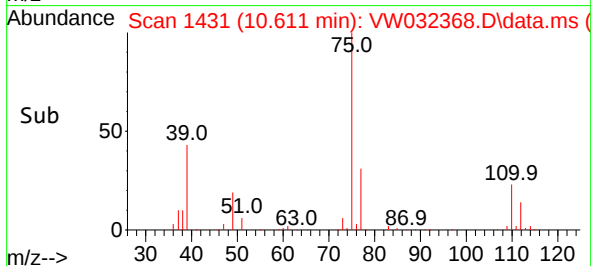
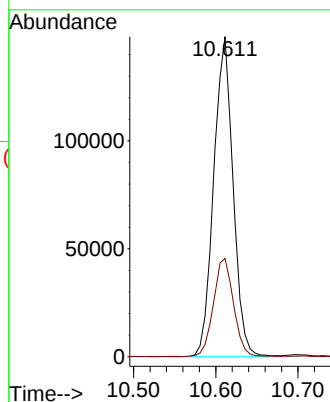
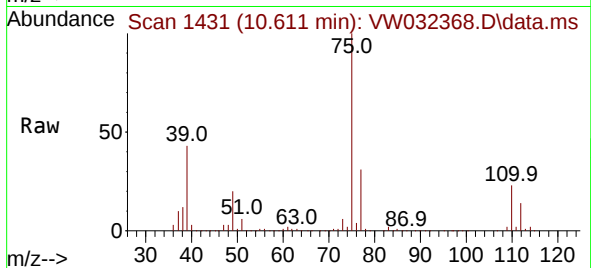
ClientSampleId :

Tgt Ion: 75 Resp: 242830

Ion Ratio Lower Upper

75 100

77 30.6 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 50.200 ug/l

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

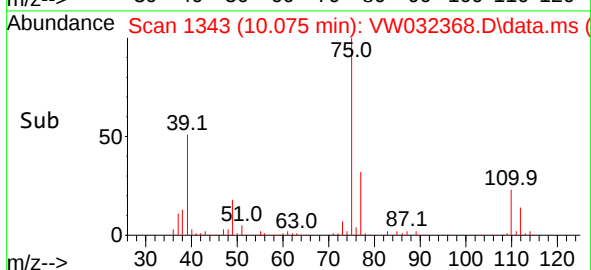
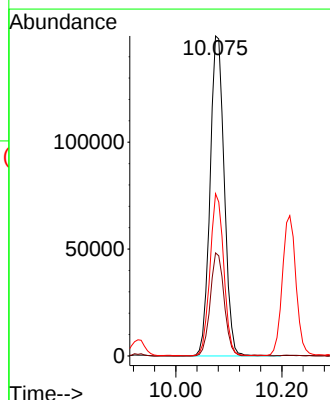
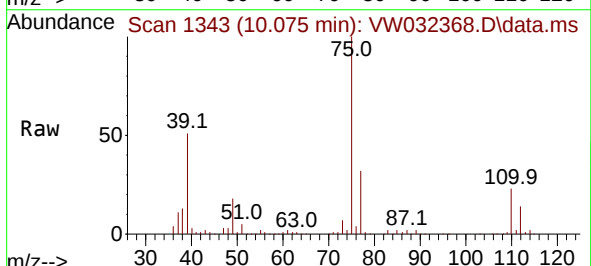
Tgt Ion: 75 Resp: 278303

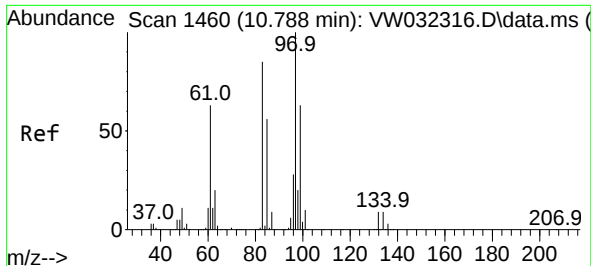
Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7

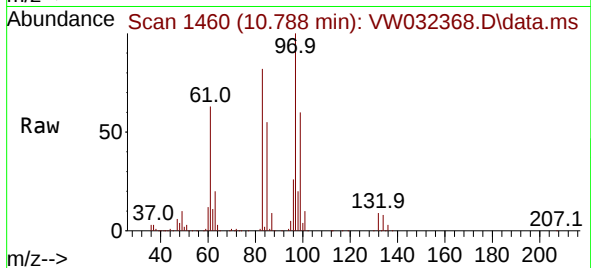
39 50.6 43.2 64.8



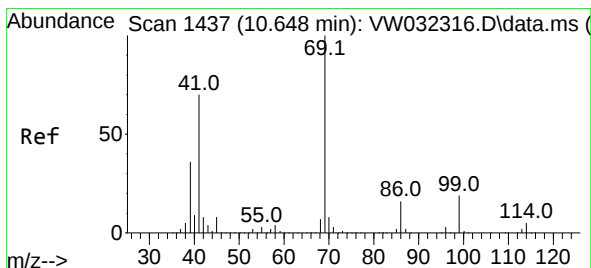
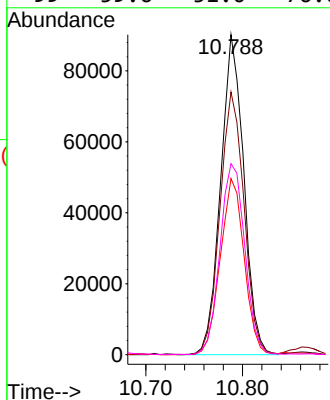
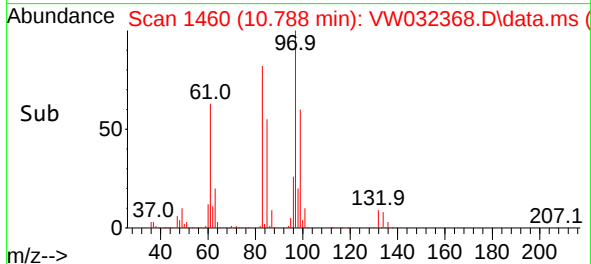


#55  
1,1,2-Trichloroethane  
Concen: 51.694 ug/l  
RT: 10.788 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Instrument :  
MSVOA\_W  
ClientSampleId :

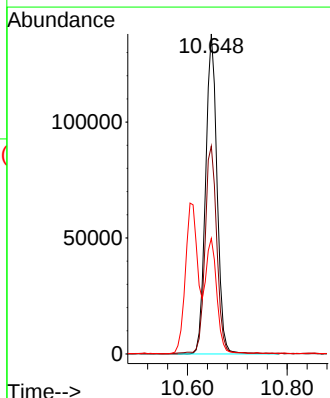
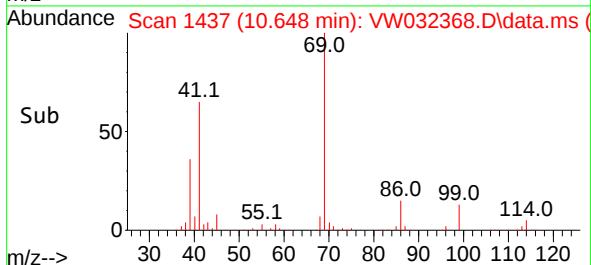
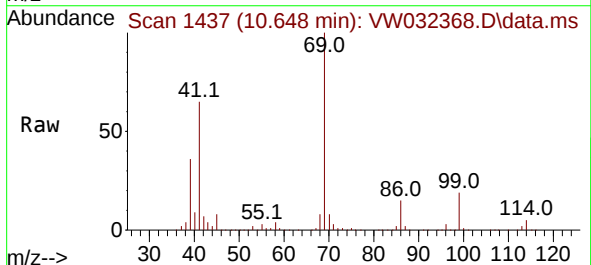


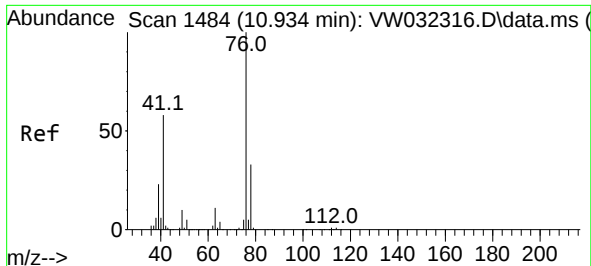
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 149852 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.0  | 71.0  | 106.6  |
| 85       | 55.0  | 42.8  | 64.2   |
| 99       | 59.6  | 51.0  | 76.6   |



#56  
Ethyl methacrylate  
Concen: 54.198 ug/l  
RT: 10.648 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 219909 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.0  | 53.2  | 79.8   |
| 39       | 34.2  | 32.9  | 49.3   |





#57

1,3-Dichloropropane

Concen: 52.898 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

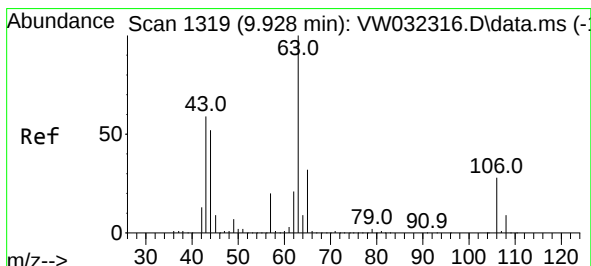
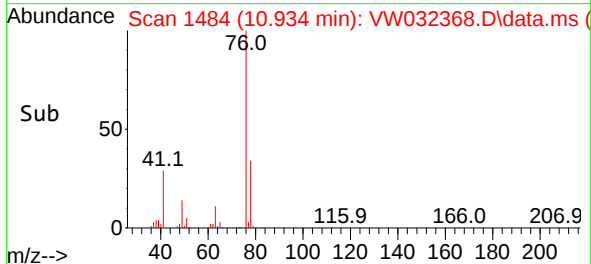
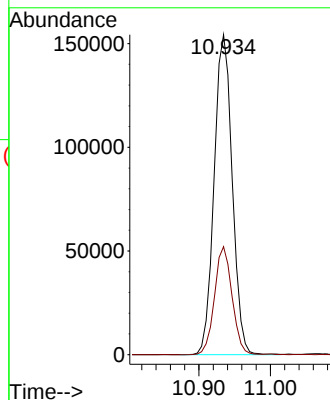
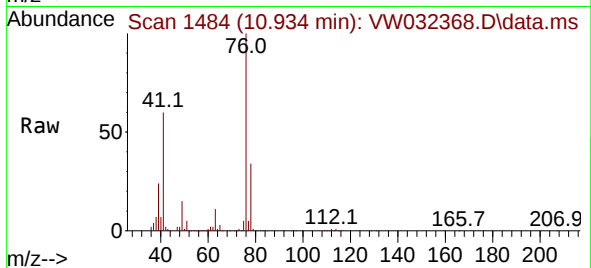
ClientSampleId :

Tgt Ion: 76 Resp: 270834

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 300.448 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032368.D

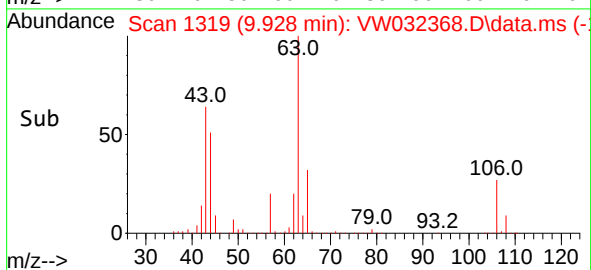
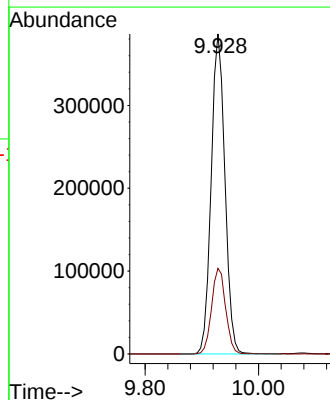
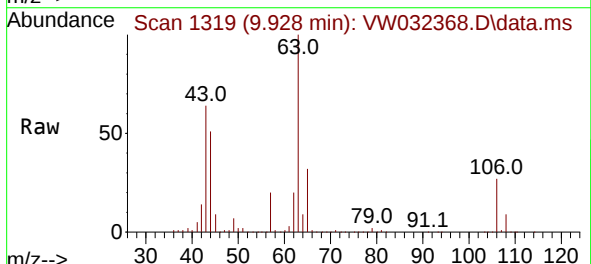
Acq: 06 Oct 2025 18:51

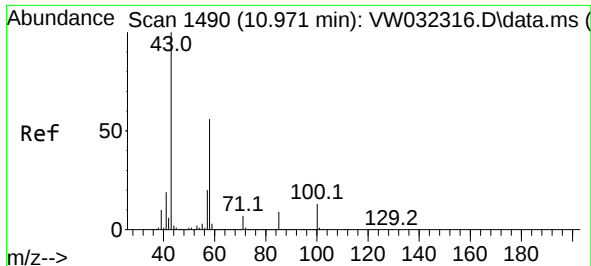
Tgt Ion: 63 Resp: 648785

Ion Ratio Lower Upper

63 100

106 27.3 24.3 36.5

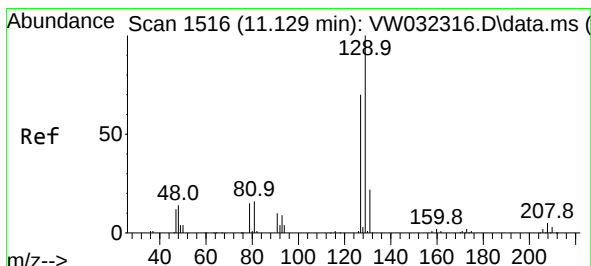
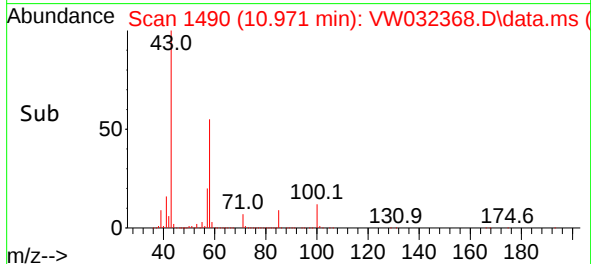
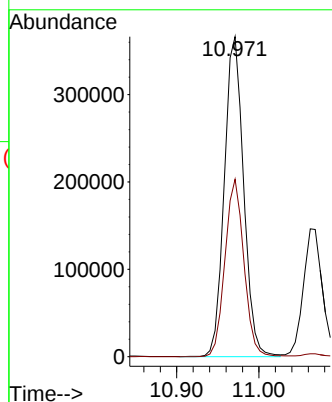
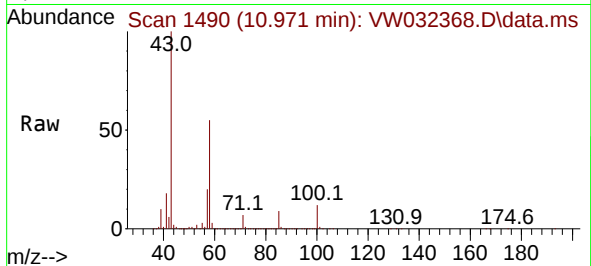




#59  
2-Hexanone  
Concen: 275.257 ug/l  
RT: 10.971 min Scan# 1490  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

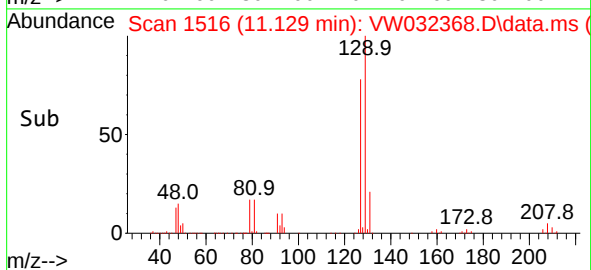
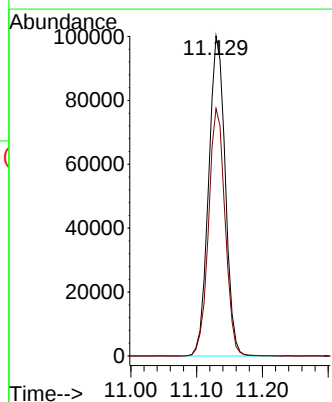
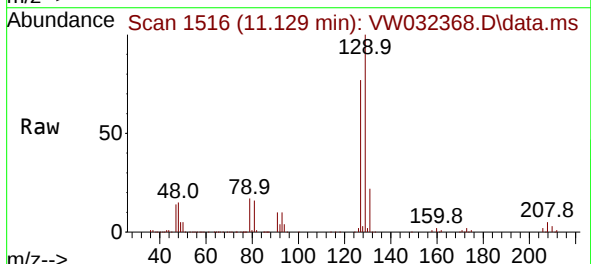
Instrument :  
MSVOA\_W  
ClientSampleId :

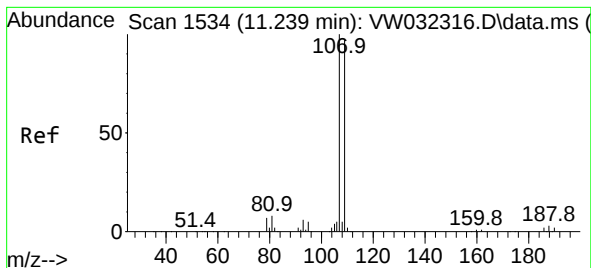
Tgt Ion: 43 Resp: 598580  
Ion Ratio Lower Upper  
43 100  
58 54.5 27.5 82.4



#60  
Dibromochloromethane  
Concen: 53.347 ug/l  
RT: 11.129 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion:129 Resp: 175595  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.1 114.5

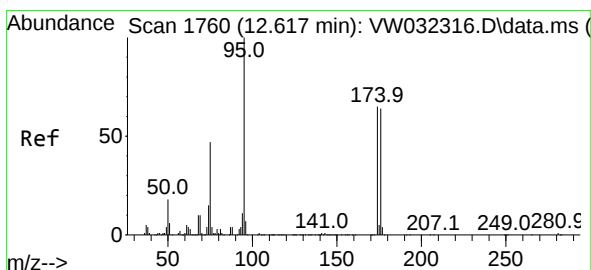
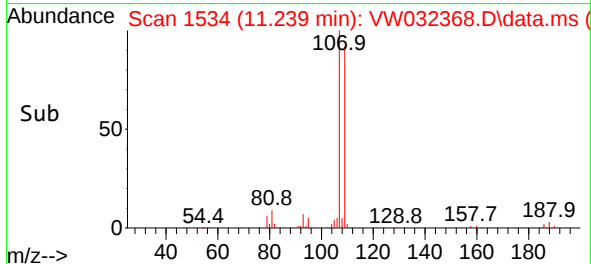
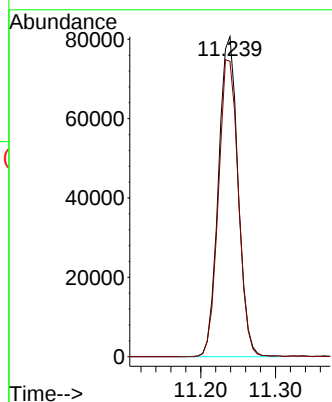
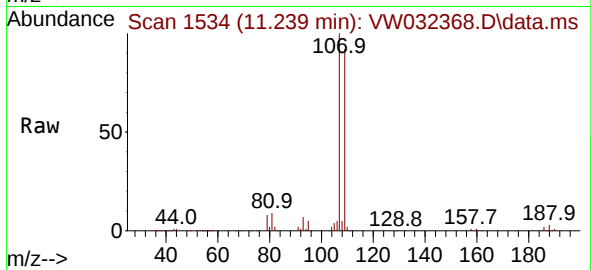




#61  
1,2-Dibromoethane  
Concen: 52.088 ug/l  
RT: 11.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

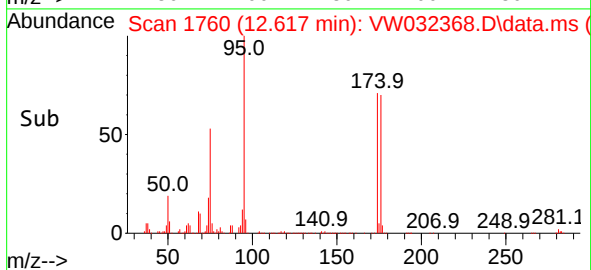
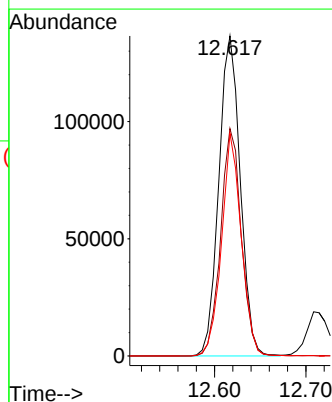
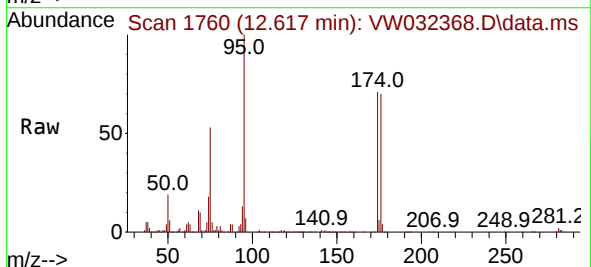
Instrument :  
MSVOA\_W  
ClientSampleId :

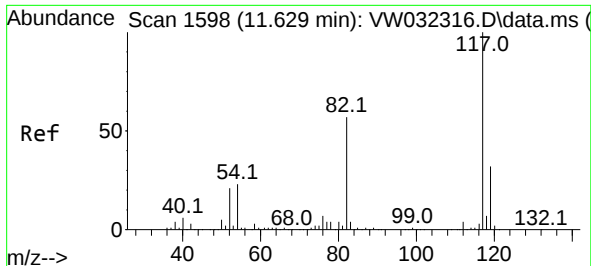
Tgt Ion:107 Resp: 147233  
Ion Ratio Lower Upper  
107 100  
109 94.2 74.5 111.7



#62  
4-Bromofluorobenzene  
Concen: 50.000 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

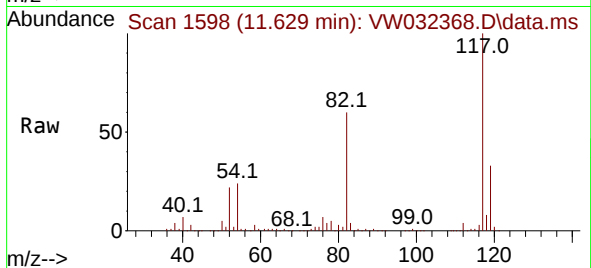
Tgt Ion: 95 Resp: 222817  
Ion Ratio Lower Upper  
95 100  
174 68.4 0.0 145.6  
176 64.1 0.0 140.8



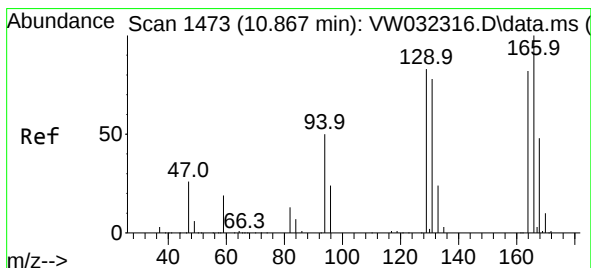
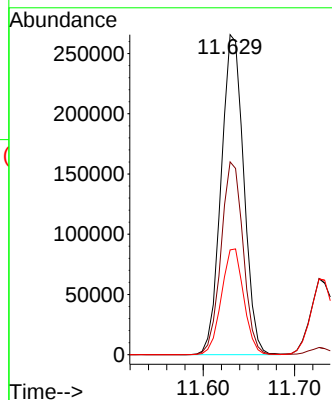
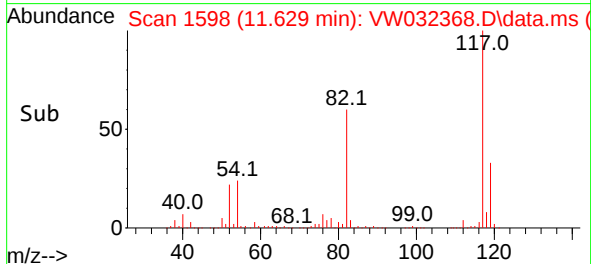


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.629 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

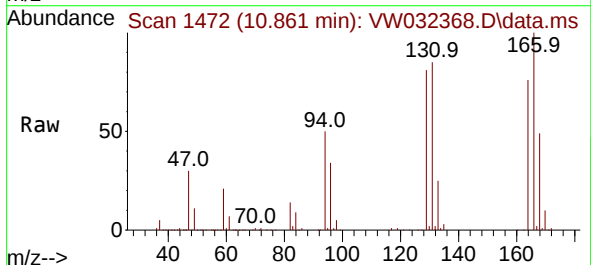
Instrument :  
MSVOA\_W  
ClientSampleId :



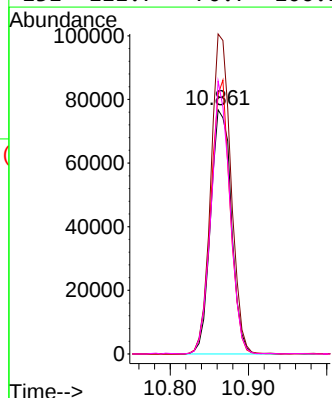
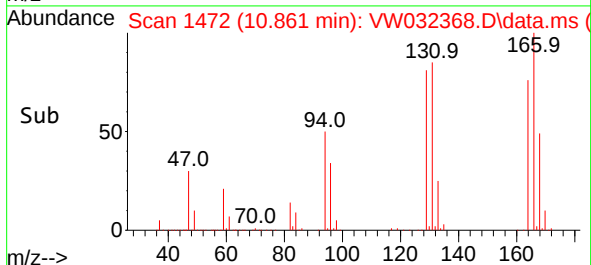
Tgt Ion:117 Resp: 456917  
Ion Ratio Lower Upper  
117 100  
82 60.2 42.7 64.1  
119 32.8 25.2 37.8

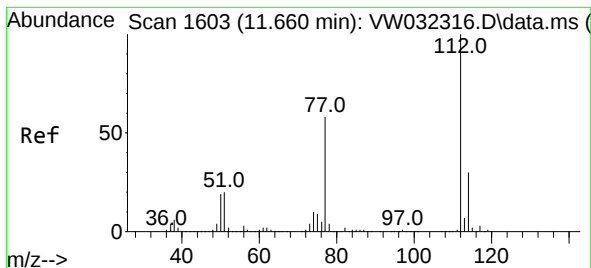


#64  
Tetrachloroethene  
Concen: 51.492 ug/l  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.006 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51



Tgt Ion:164 Resp: 140782  
Ion Ratio Lower Upper  
164 100  
166 131.0 97.5 146.3  
129 106.3 71.2 106.8  
131 111.7 70.7 106.1#





#65

Chlorobenzene

Concen: 49.818 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

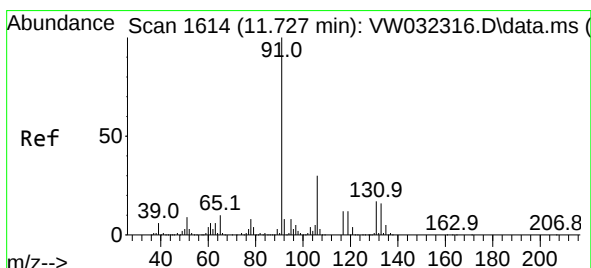
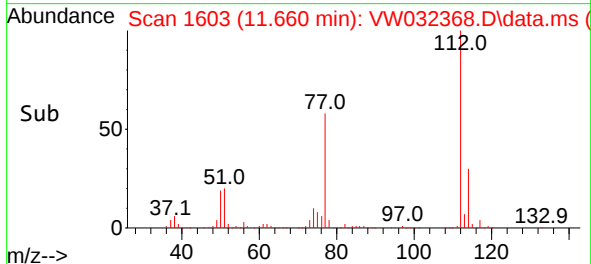
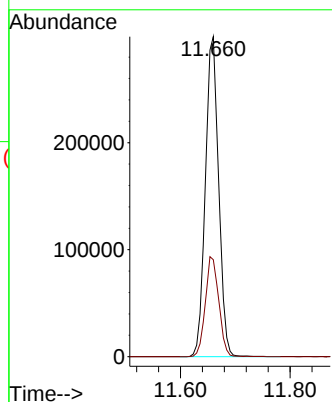
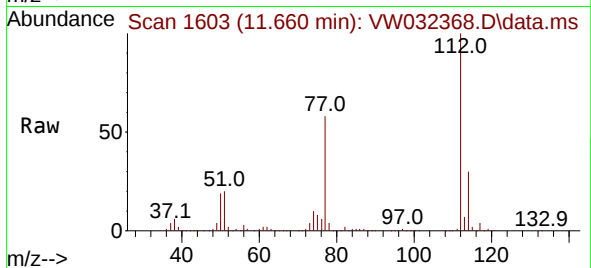
ClientSampleId :

Tgt Ion:112 Resp: 500834

Ion Ratio Lower Upper

112 100

114 30.3 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.538 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

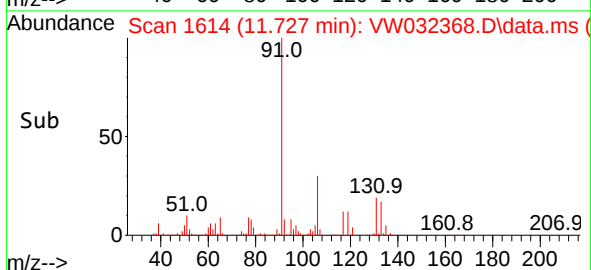
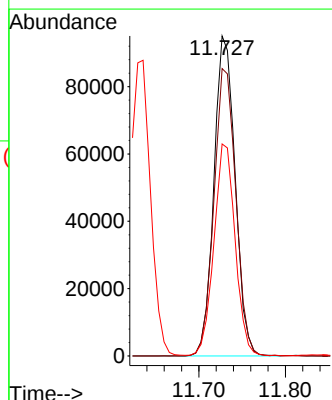
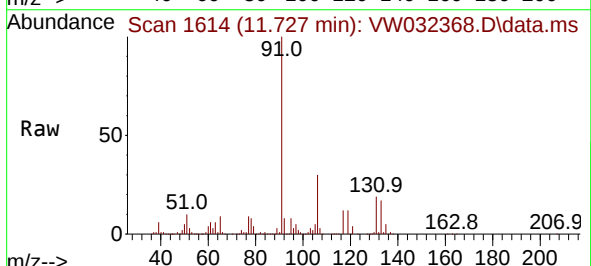
Tgt Ion:131 Resp: 161380

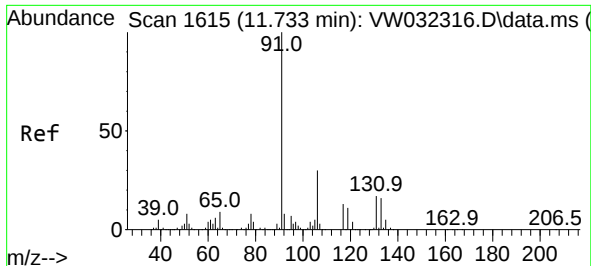
Ion Ratio Lower Upper

131 100

133 93.1 47.7 143.1

119 66.3 32.8 98.3





#67

Ethyl Benzene

Concen: 50.306 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

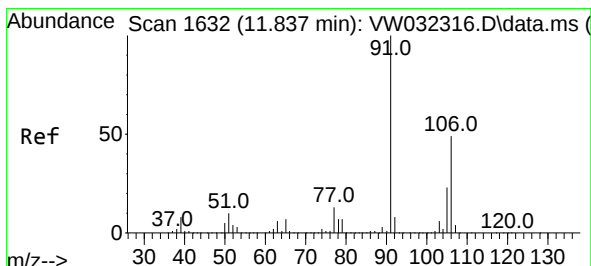
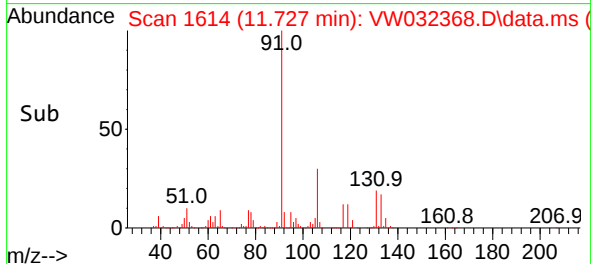
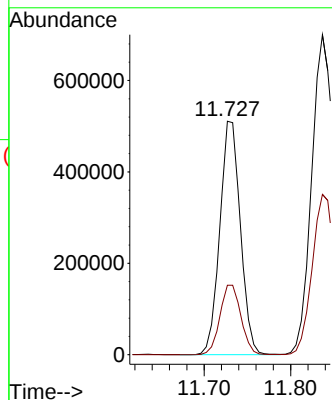
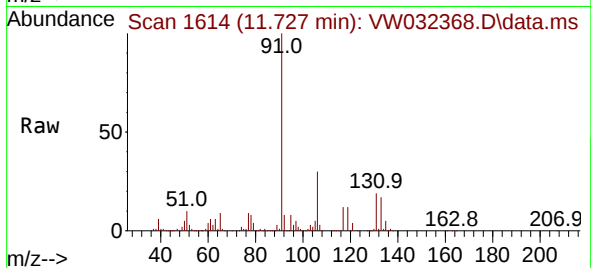
ClientSampleId :

Tgt Ion: 91 Resp: 843007

Ion Ratio Lower Upper

91 100

106 29.7 25.3 37.9



#68

m/p-Xylenes

Concen: 100.612 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032368.D

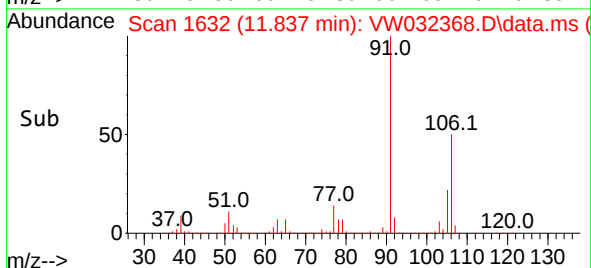
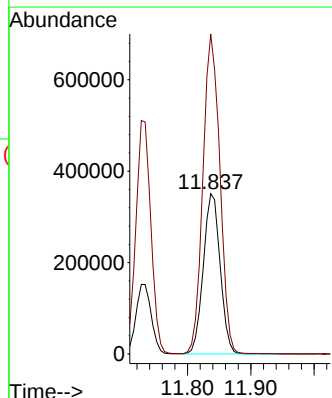
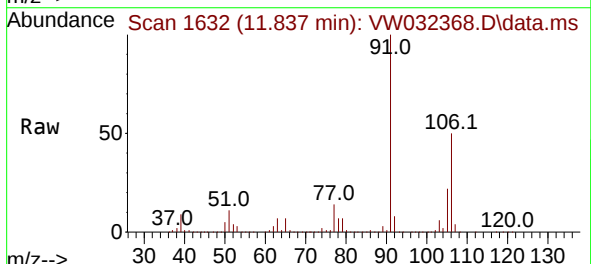
Acq: 06 Oct 2025 18:51

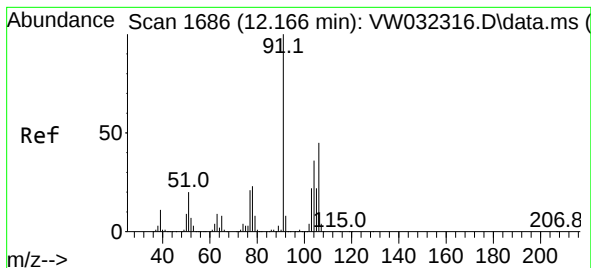
Tgt Ion:106 Resp: 650146

Ion Ratio Lower Upper

106 100

91 201.4 164.2 246.2

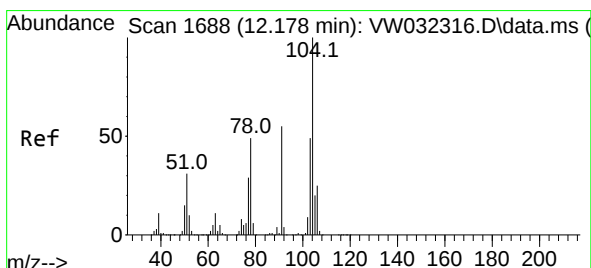
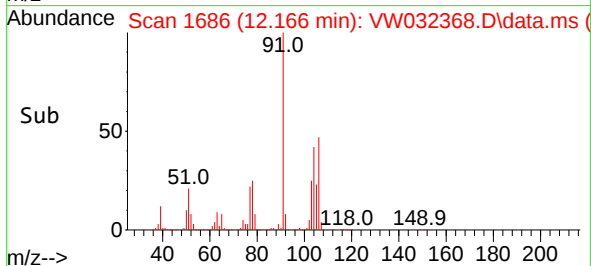
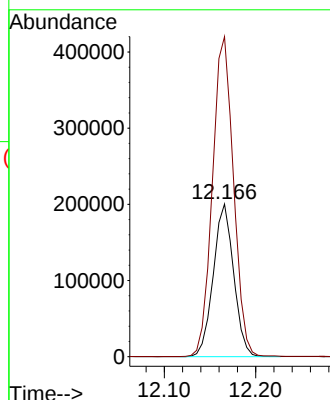
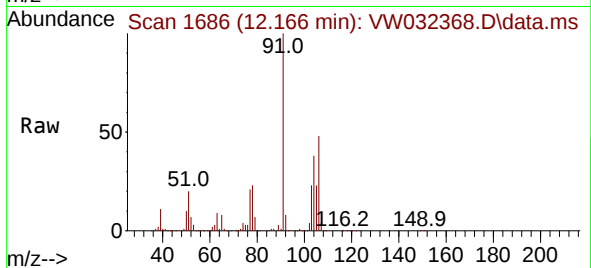




#69  
o-Xylene  
Concen: 51.385 ug/l  
RT: 12.166 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

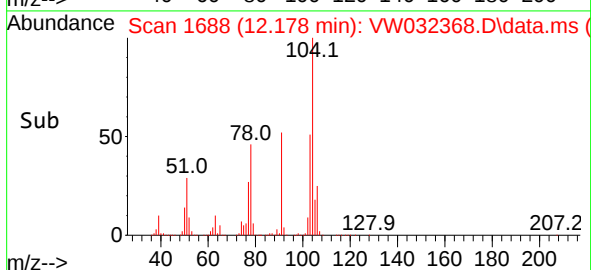
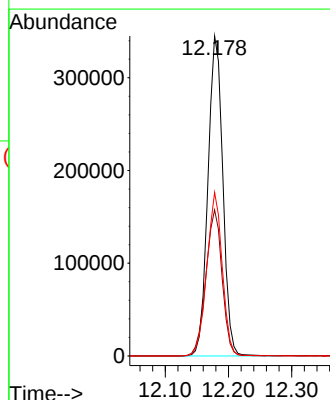
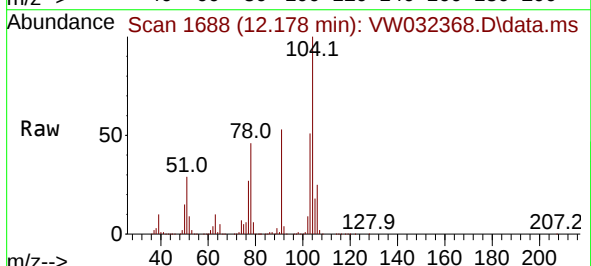
Instrument :  
MSVOA\_W  
ClientSampleId :

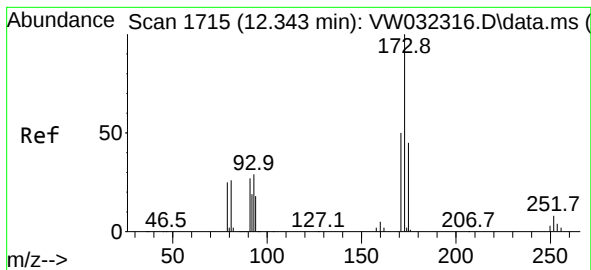
Tgt Ion:106 Resp: 310520  
Ion Ratio Lower Upper  
106 100  
91 216.5 108.7 326.3



#70  
Styrene  
Concen: 53.638 ug/l  
RT: 12.178 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion:104 Resp: 565918  
Ion Ratio Lower Upper  
104 100  
78 49.7 41.6 62.4  
103 53.0 44.8 67.2





#71

Bromoform

Concen: 52.429 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

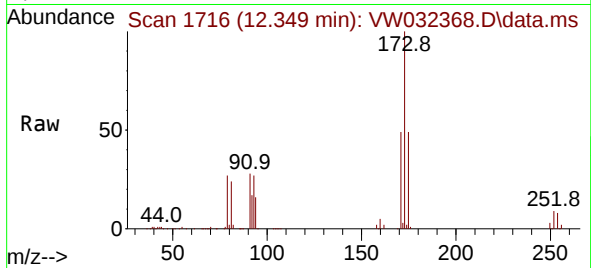
Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

ClientSampleId :



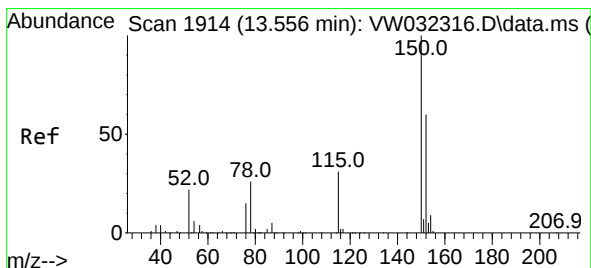
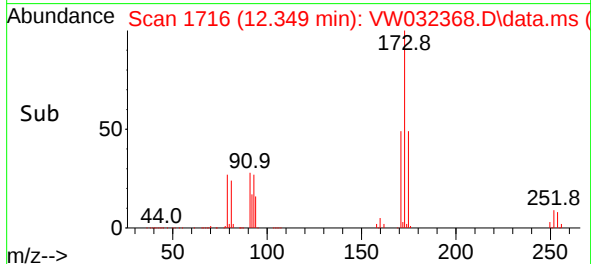
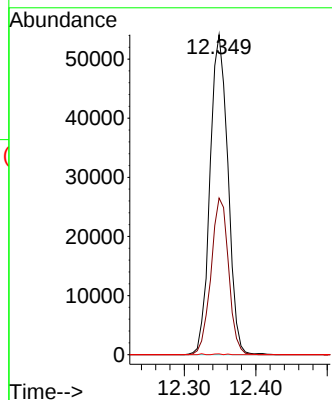
Tgt Ion:173 Resp: 94100

Ion Ratio Lower Upper

173 100

175 48.0 24.9 74.7

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

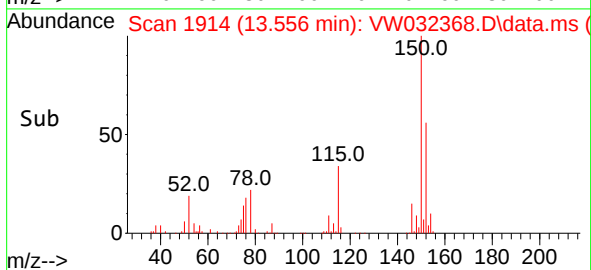
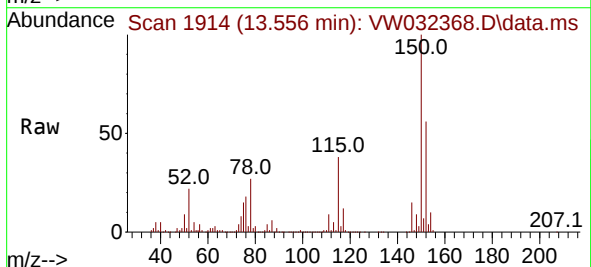
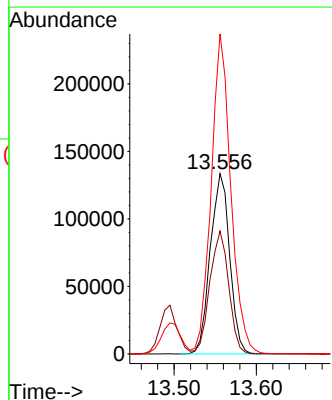
Tgt Ion:152 Resp: 219115

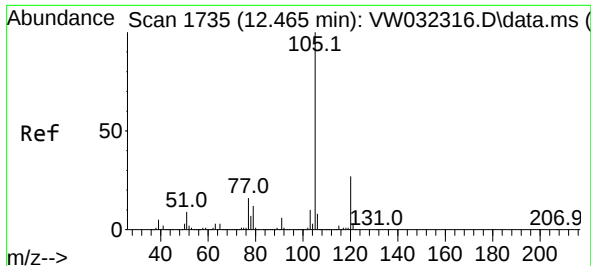
Ion Ratio Lower Upper

152 100

115 66.3 31.8 95.4

150 179.8 0.0 343.0

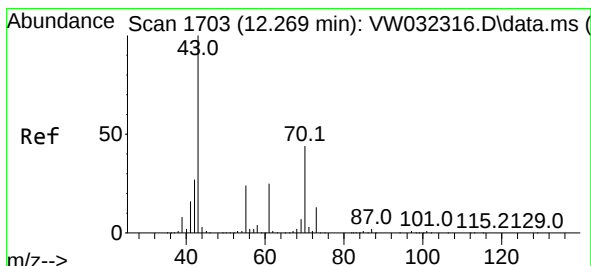
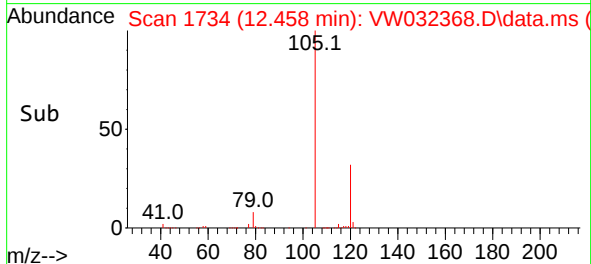
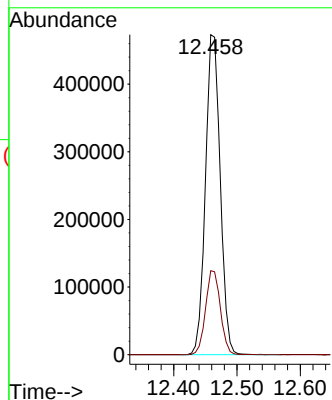
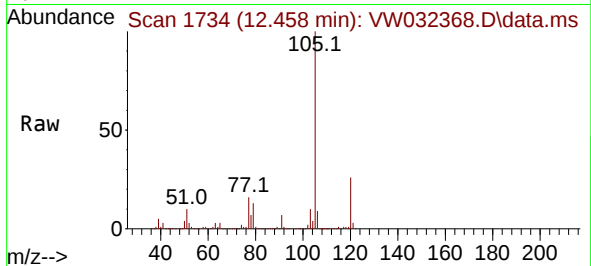




#73  
Isopropylbenzene  
Concen: 51.324 ug/l  
RT: 12.458 min Scan# 1734  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

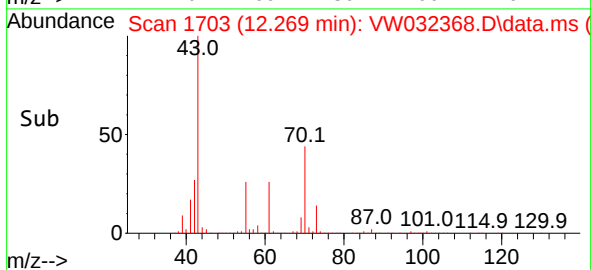
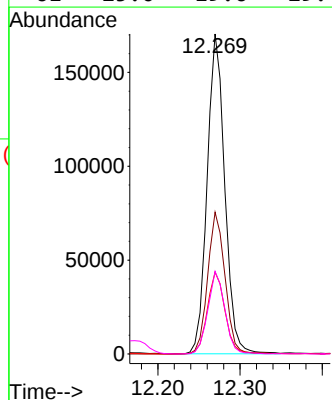
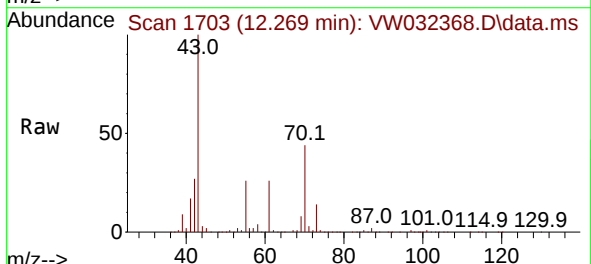
Instrument :  
MSVOA\_W  
ClientSampleId :

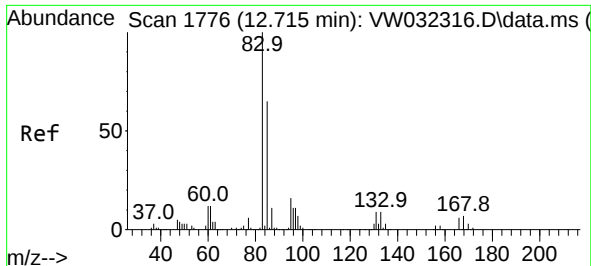
Tgt Ion:105 Resp: 769388  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.0 38.9



#74  
N-ethyl acetate  
Concen: 53.049 ug/l  
RT: 12.269 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 43 Resp: 253698  
Ion Ratio Lower Upper  
43 100  
70 43.8 35.3 52.9  
55 25.9 19.9 29.9  
61 25.0 19.6 29.4

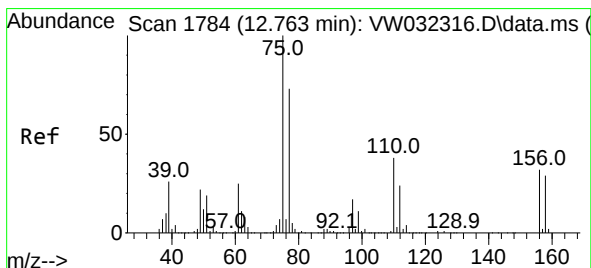
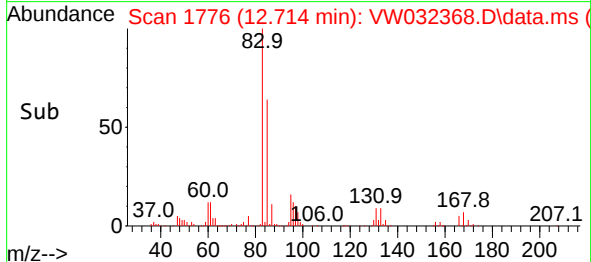
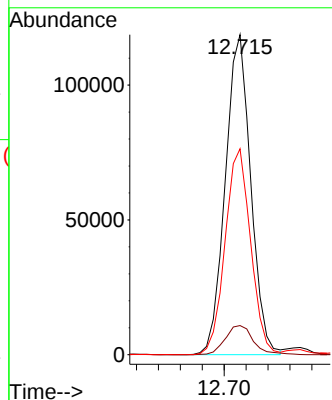
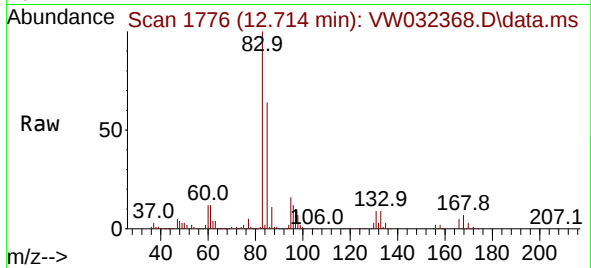




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.431 ug/l  
RT: 12.714 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

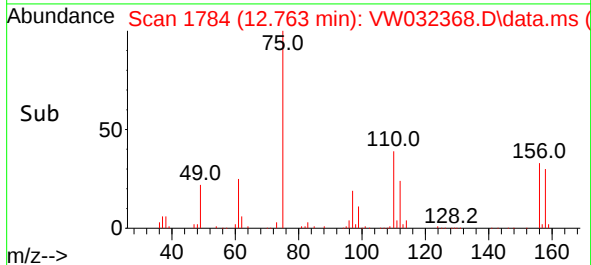
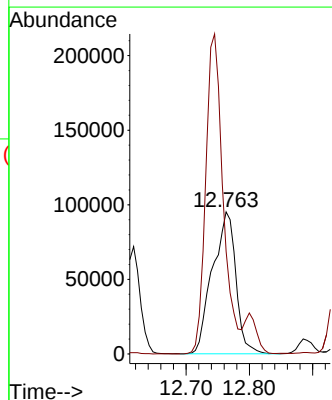
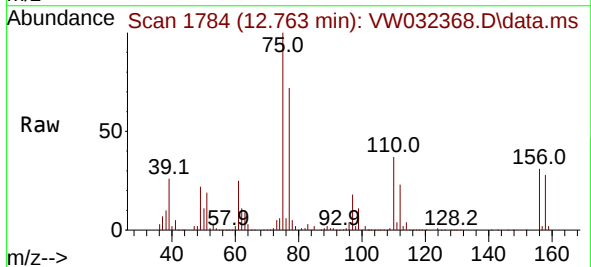
Instrument :  
MSVOA\_W  
ClientSampleId :

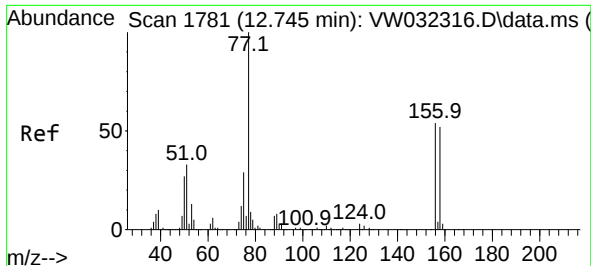
Tgt Ion: 83 Resp: 191436  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.1 15.4  
85 64.6 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 84.622 ug/l  
RT: 12.763 min Scan# 1784  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 75 Resp: 244004  
Ion Ratio Lower Upper  
75 100  
77 169.1 141.7 425.1

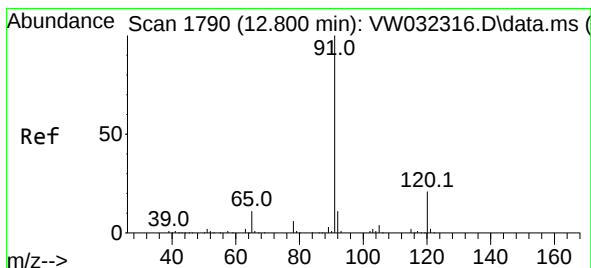
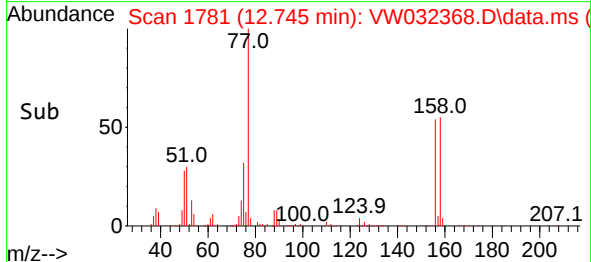
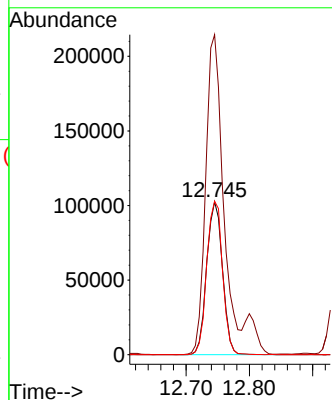
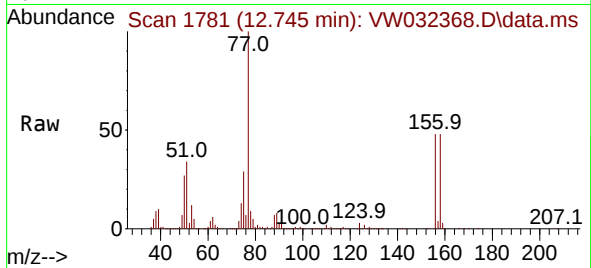




#77  
Bromobenzene  
Concen: 49.351 ug/l  
RT: 12.745 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

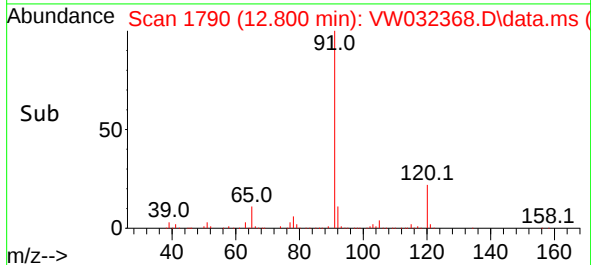
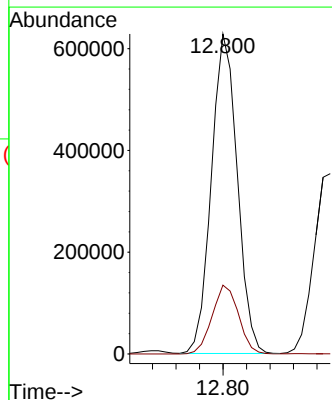
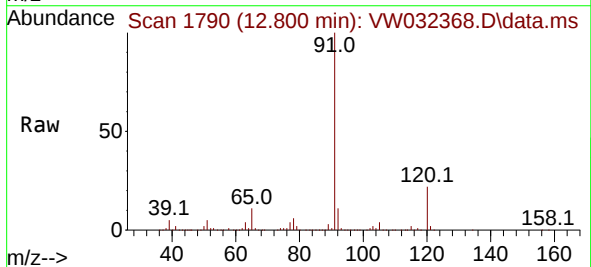
Instrument :  
MSVOA\_W  
ClientSampleId :

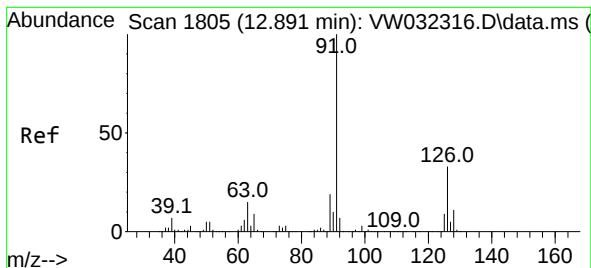
Tgt Ion:156 Resp: 178337  
Ion Ratio Lower Upper  
156 100  
77 231.3 98.6 295.7  
158 100.4 48.4 145.0



#78  
n-propylbenzene  
Concen: 51.342 ug/l  
RT: 12.800 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 91 Resp: 961404  
Ion Ratio Lower Upper  
91 100  
120 22.0 11.8 35.4

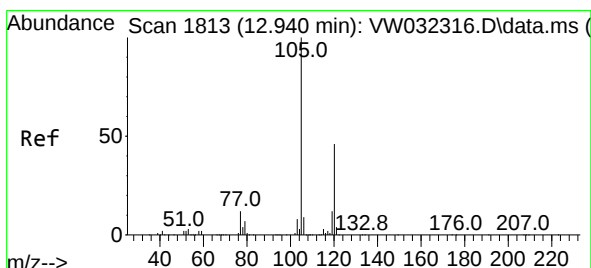
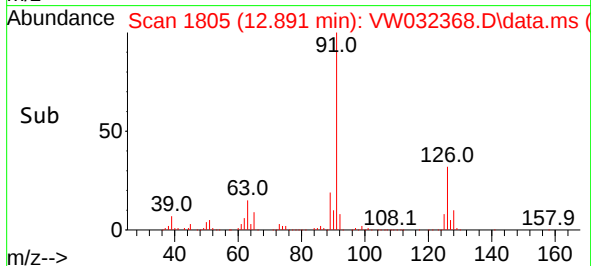
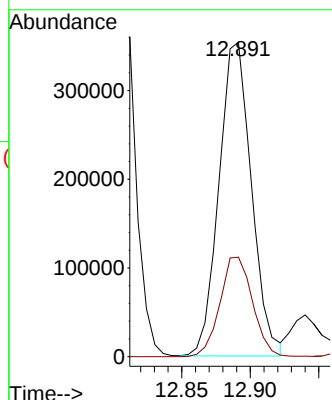
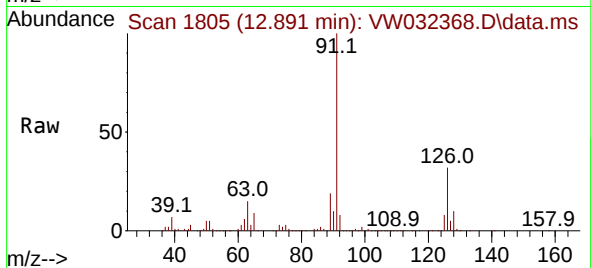




#79  
2-Chlorotoluene  
Concen: 50.971 ug/l  
RT: 12.891 min Scan# 1805  
Delta R.T. 0.006 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

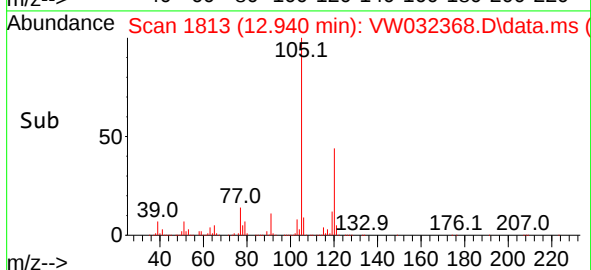
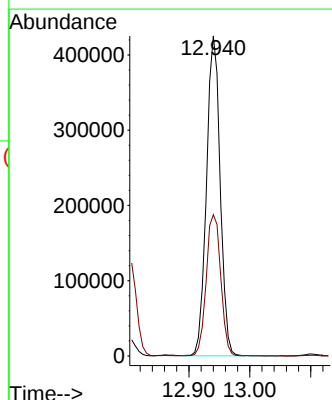
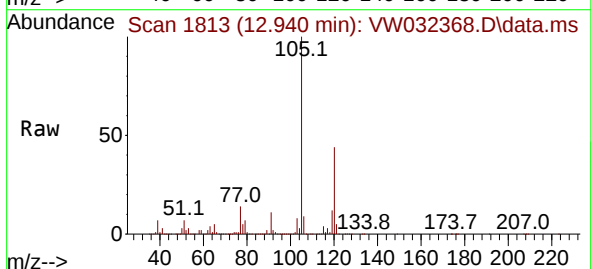
Instrument :  
MSVOA\_W  
ClientSampleId :

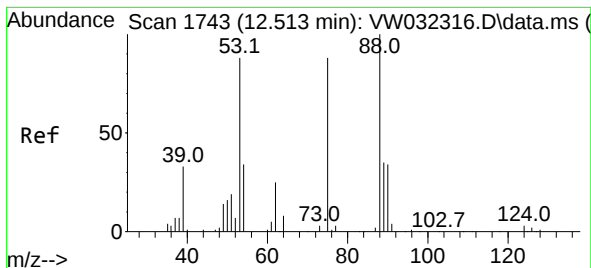
Tgt Ion: 91 Resp: 583597  
Ion Ratio Lower Upper  
91 100  
126 31.9 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 51.194 ug/l  
RT: 12.940 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion:105 Resp: 663602  
Ion Ratio Lower Upper  
105 100  
120 46.8 24.8 74.4

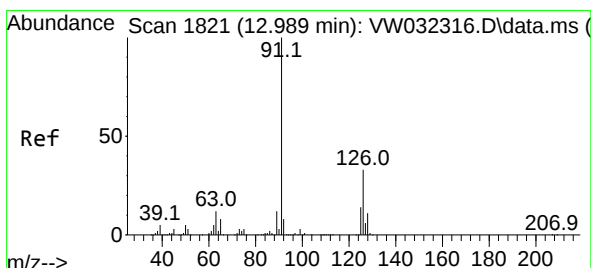
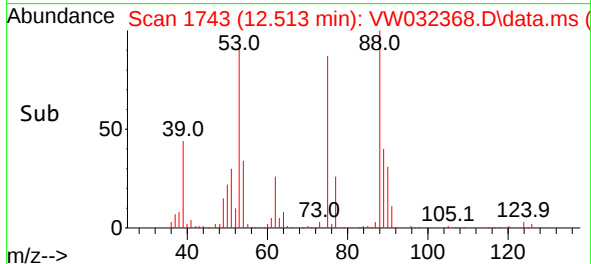
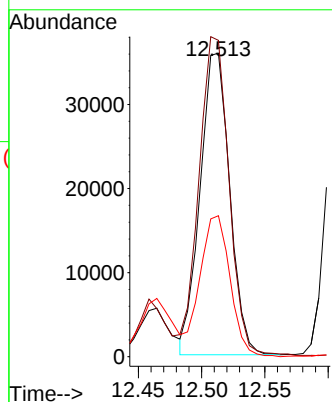
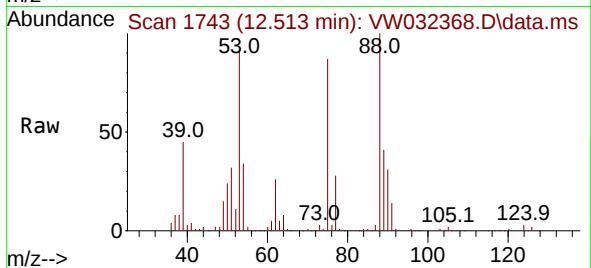




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.356 ug/l  
RT: 12.513 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

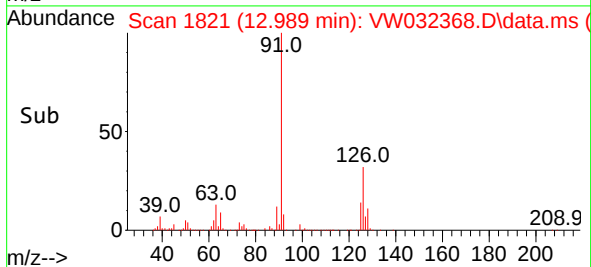
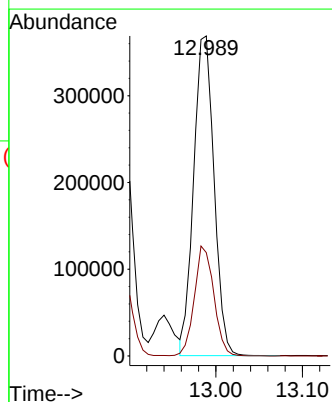
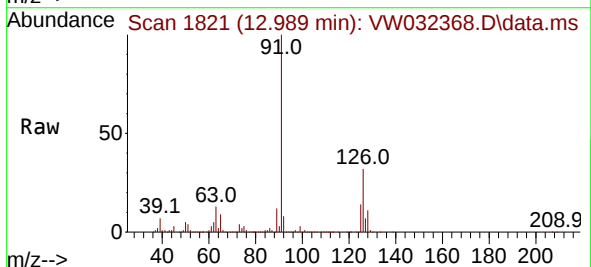
Instrument :  
MSVOA\_W  
ClientSampleId :

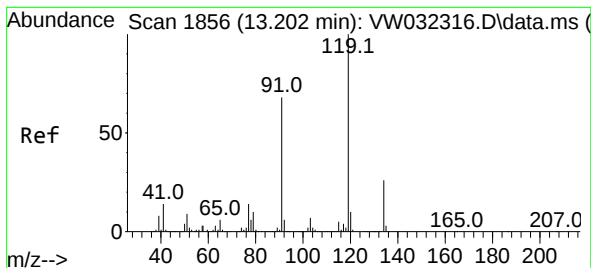
Tgt Ion: 75 Resp: 58455  
Ion Ratio Lower Upper  
75 100  
53 108.7 91.0 136.6  
89 48.1 39.4 59.2



#82  
4-Chlorotoluene  
Concen: 49.492 ug/l  
RT: 12.989 min Scan# 1821  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion: 91 Resp: 602457  
Ion Ratio Lower Upper  
91 100  
126 33.0 16.1 48.2

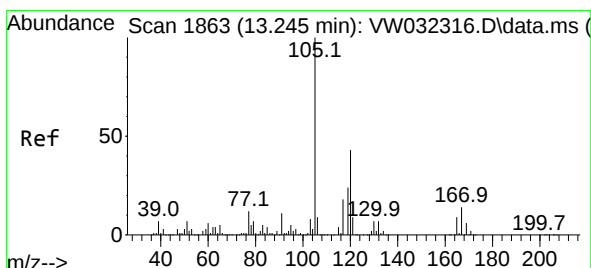
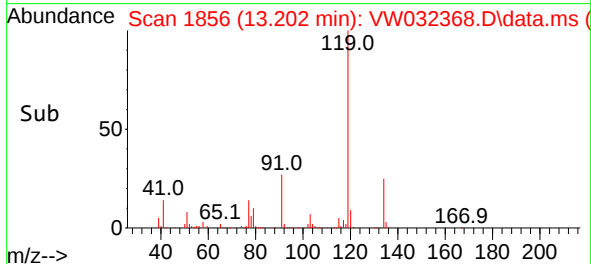
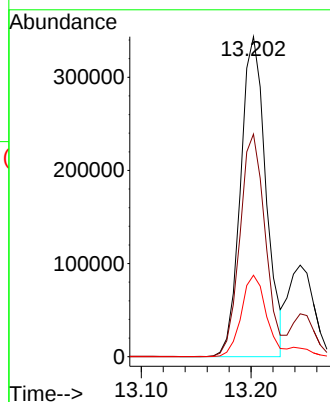
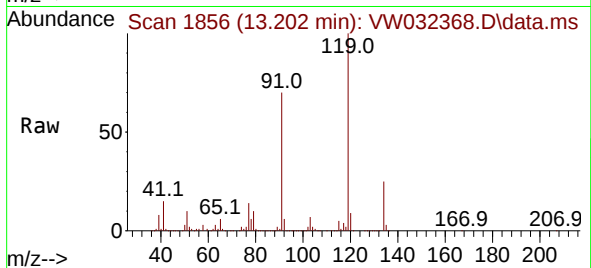




#83  
tert-Butylbenzene  
Concen: 51.908 ug/l  
RT: 13.202 min Scan# 1856  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

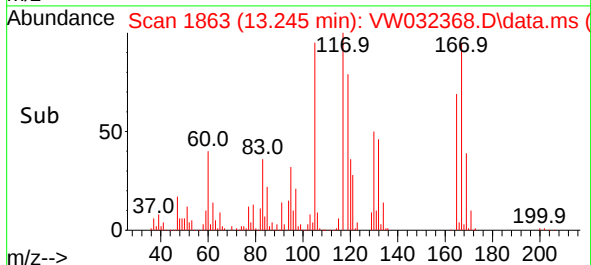
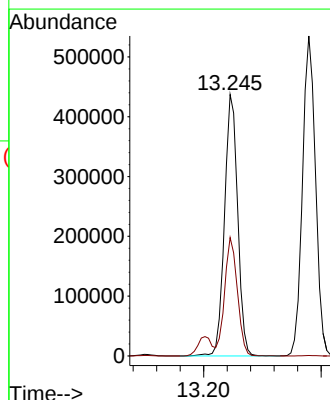
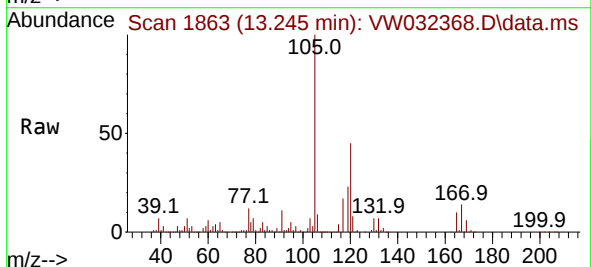
Instrument :  
MSVOA\_W  
ClientSampleId :

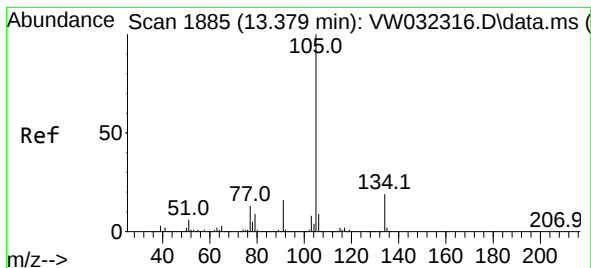
Tgt Ion:119 Resp: 552085  
Ion Ratio Lower Upper  
119 100  
91 70.7 33.8 101.3  
134 25.4 12.5 37.5



#84  
1,2,4-Trimethylbenzene  
Concen: 51.618 ug/l  
RT: 13.245 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

Tgt Ion:105 Resp: 680361  
Ion Ratio Lower Upper  
105 100  
120 43.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 50.633 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

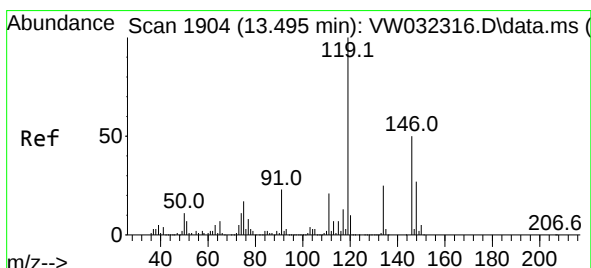
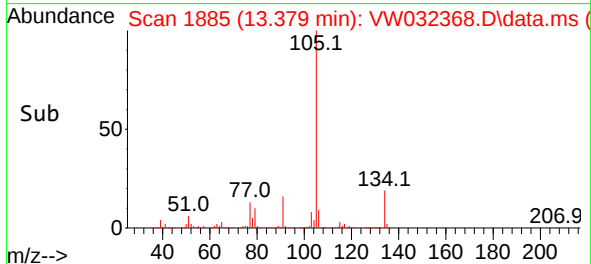
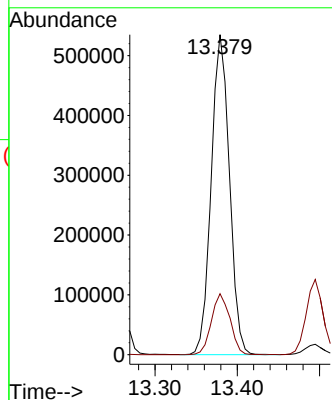
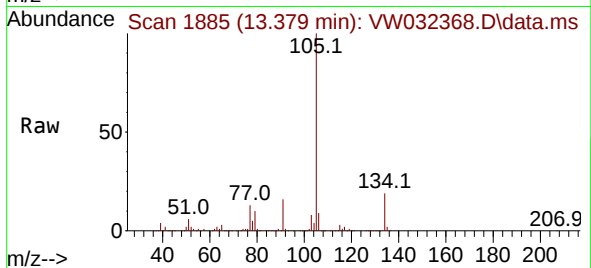
ClientSampleId :

Tgt Ion:105 Resp: 822948

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.416 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

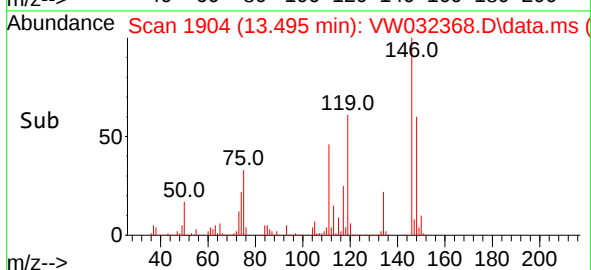
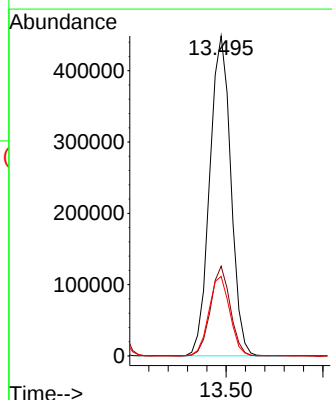
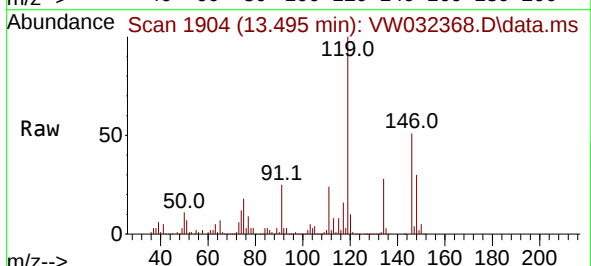
Tgt Ion:119 Resp: 679919

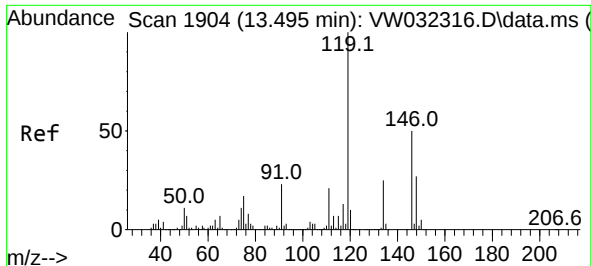
Ion Ratio Lower Upper

119 100

134 26.5 12.6 37.6

91 24.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 50.527 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

ClientSampleId :

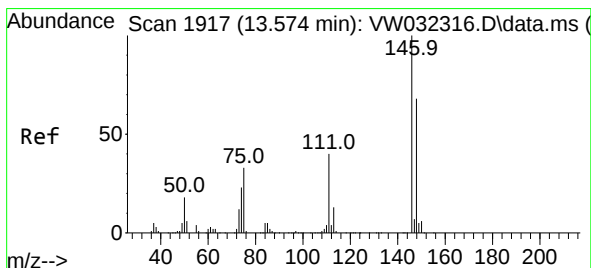
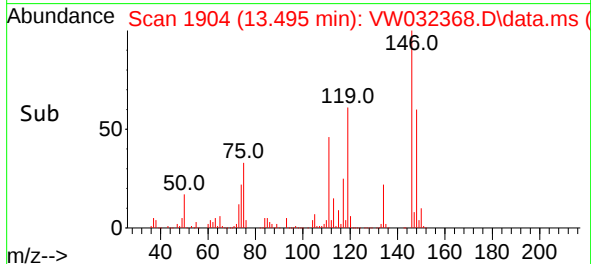
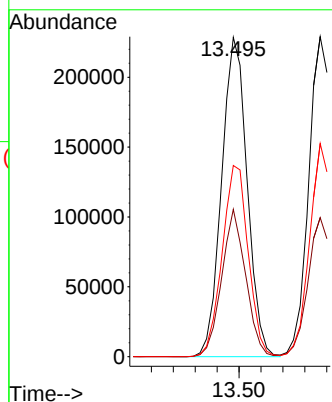
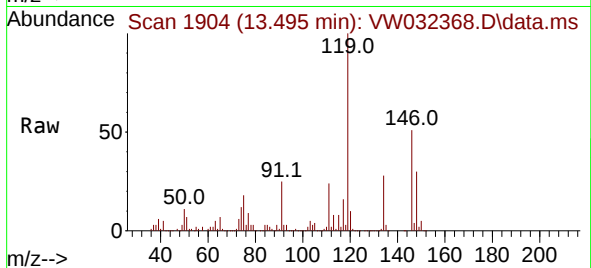
Tgt Ion:146 Resp: 369721

Ion Ratio Lower Upper

146 100

111 43.3 20.6 61.9

148 61.1 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 50.438 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

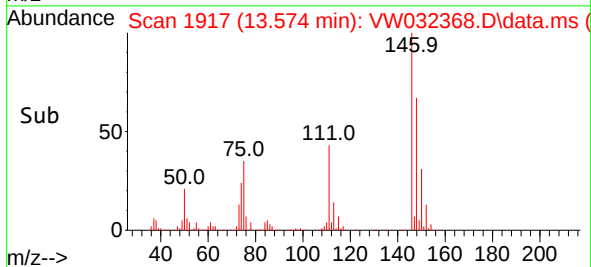
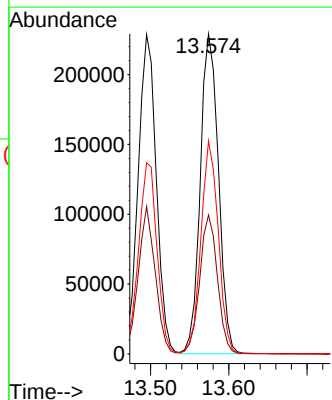
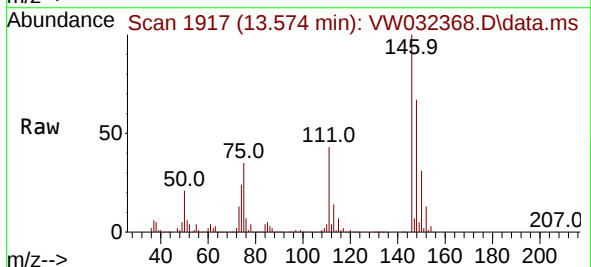
Tgt Ion:146 Resp: 369034

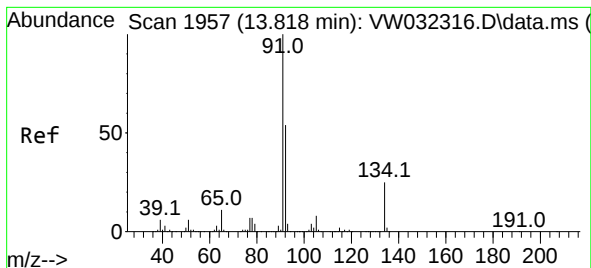
Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.7

148 63.6 33.4 100.1





#89

n-Butylbenzene

Concen: 50.775 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

ClientSampleId :

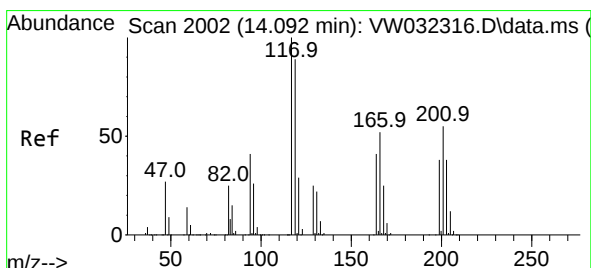
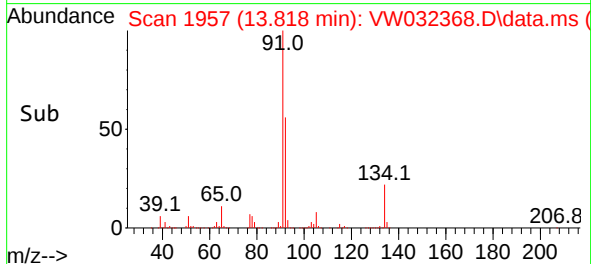
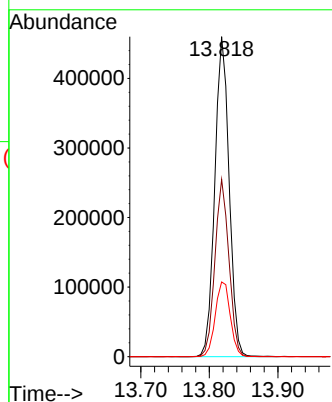
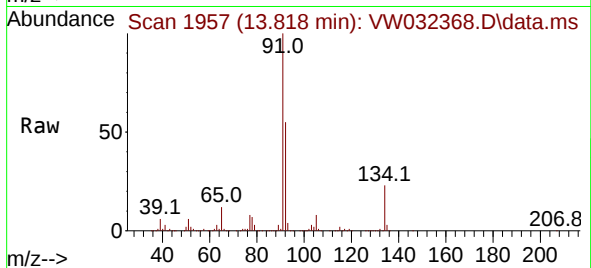
Tgt Ion: 91 Resp: 668577

Ion Ratio Lower Upper

91 100

92 54.3 27.0 81.0

134 24.4 13.1 39.3



#90

Hexachloroethane

Concen: 49.922 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032368.D

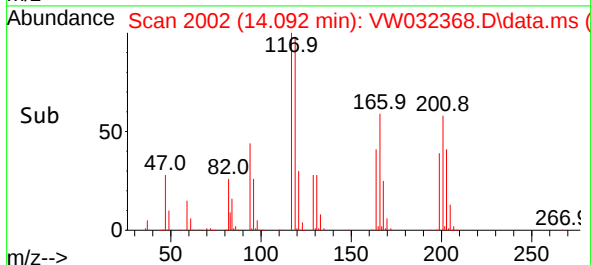
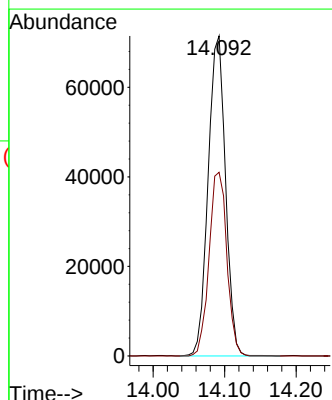
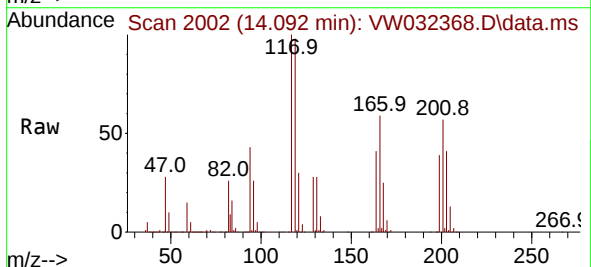
Acq: 06 Oct 2025 18:51

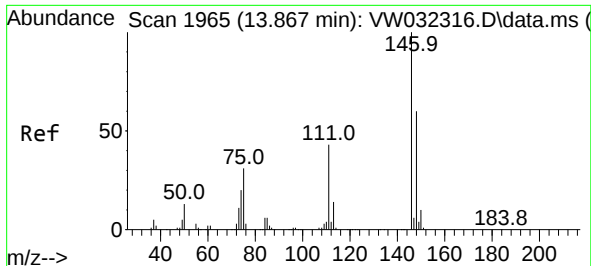
Tgt Ion: 117 Resp: 120675

Ion Ratio Lower Upper

117 100

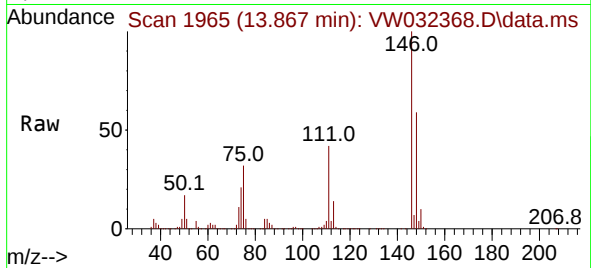
201 58.8 32.8 98.4



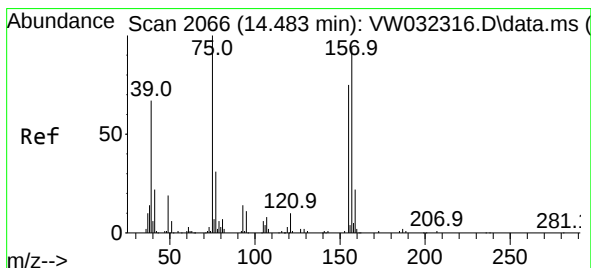
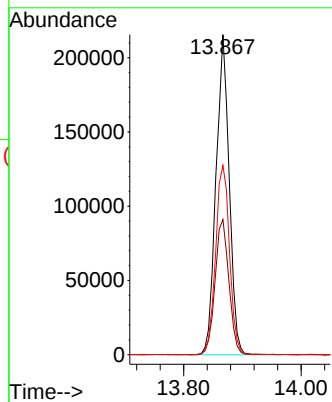
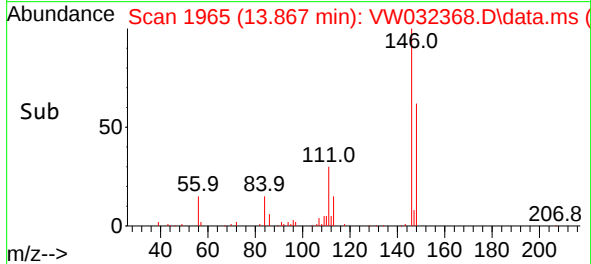


#91  
1,2-Dichlorobenzene  
Concen: 50.728 ug/l  
RT: 13.867 min Scan# 1965  
Delta R.T. -0.000 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51

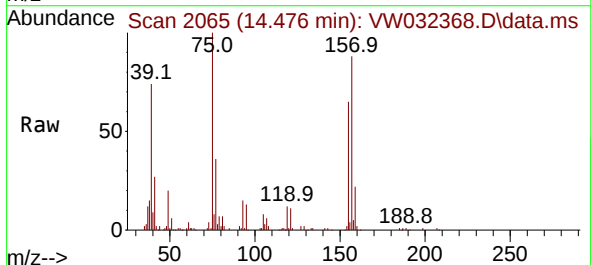
Instrument :  
MSVOA\_W  
ClientSampleId :



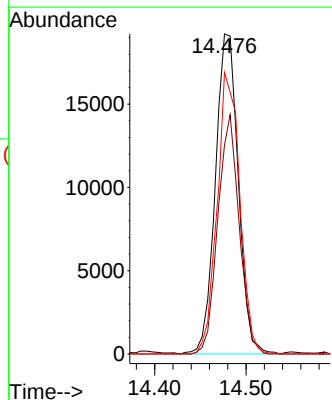
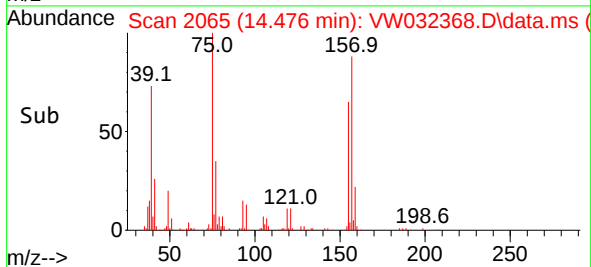
Tgt Ion:146 Resp: 335547  
Ion Ratio Lower Upper  
146 100  
111 44.3 23.4 70.0  
148 62.3 34.1 102.3

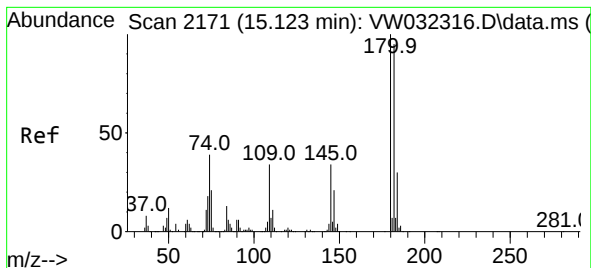


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.432 ug/l  
RT: 14.476 min Scan# 2065  
Delta R.T. -0.006 min  
Lab File: VW032368.D  
Acq: 06 Oct 2025 18:51



Tgt Ion: 75 Resp: 33518  
Ion Ratio Lower Upper  
75 100  
155 69.7 40.8 122.5  
157 86.9 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 50.480 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

ClientSampleId :

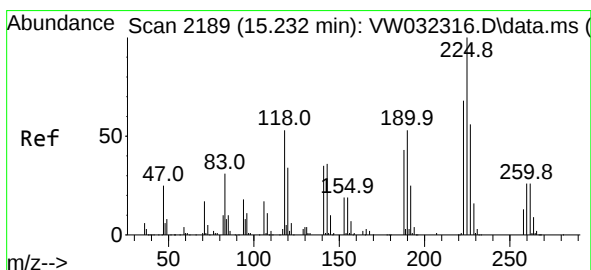
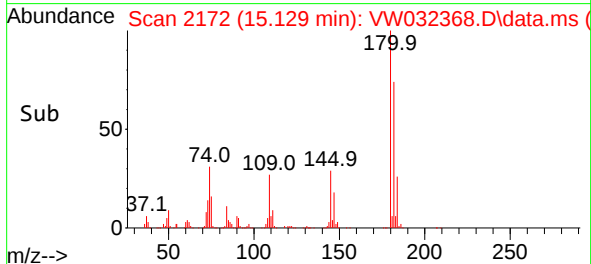
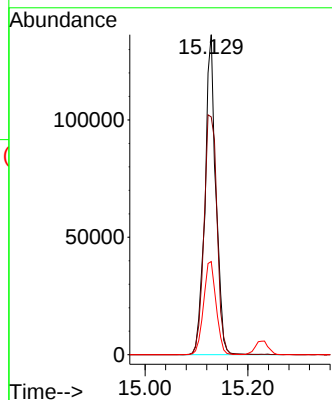
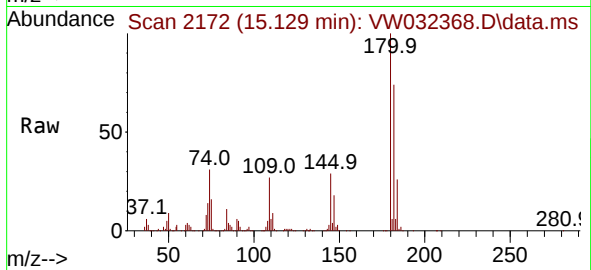
Tgt Ion:180 Resp: 200223

Ion Ratio Lower Upper

180 100

182 89.9 47.4 142.2

145 33.6 16.4 49.1



#94

Hexachlorobutadiene

Concen: 49.073 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

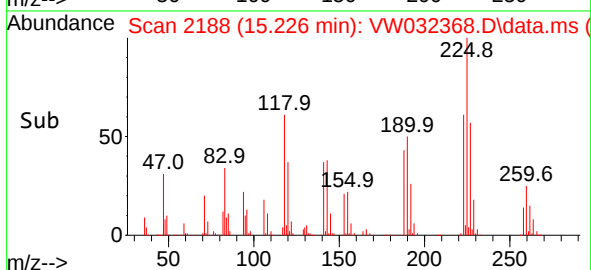
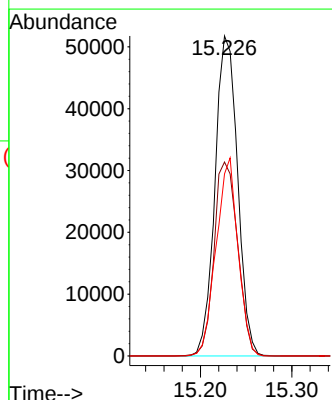
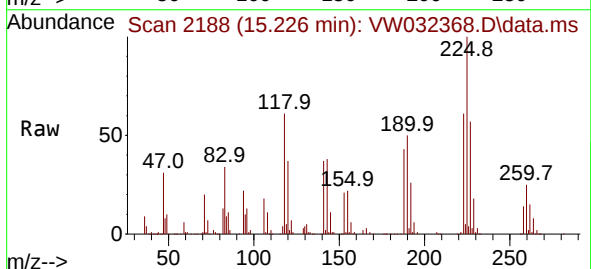
Tgt Ion:225 Resp: 88991

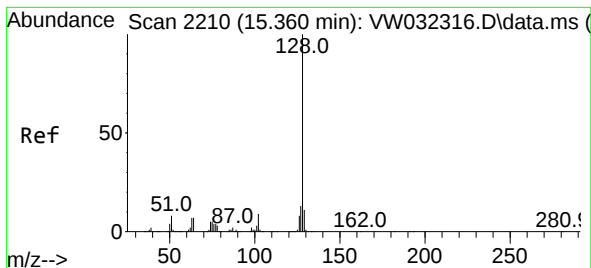
Ion Ratio Lower Upper

225 100

223 63.4 29.8 89.3

227 60.0 30.5 91.5





#95

Naphthalene

Concen: 55.279 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Instrument :

MSVOA\_W

ClientSampleId :

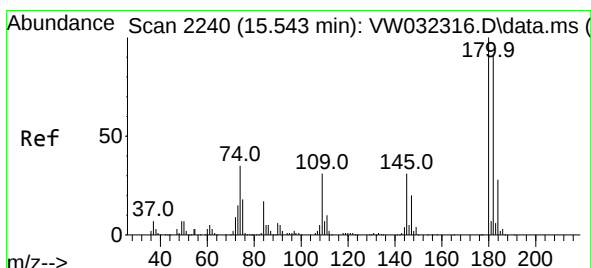
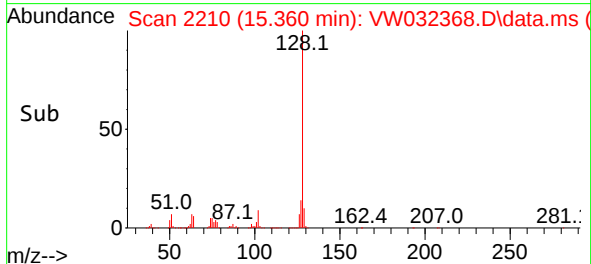
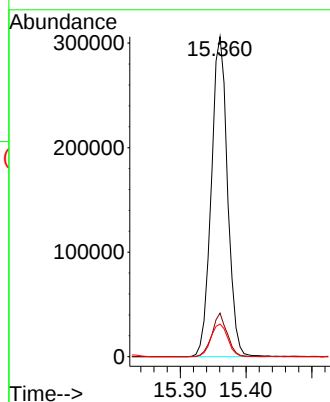
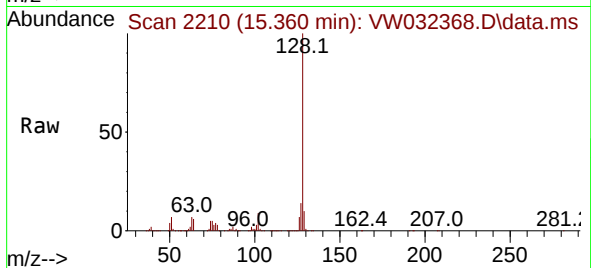
Tgt Ion:128 Resp: 526543

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 49.767 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032368.D

Acq: 06 Oct 2025 18:51

Tgt Ion:180 Resp: 186054

Ion Ratio Lower Upper

180 100

182 95.6 47.7 143.1

145 36.0 17.2 51.6

